

Bridge Load Rating

Prepared for

Maine Department of Transportation

Bridge No. 5983

PITTSFIELD

SNAKEROOT ROAD

OVER

INTERSTATE 95

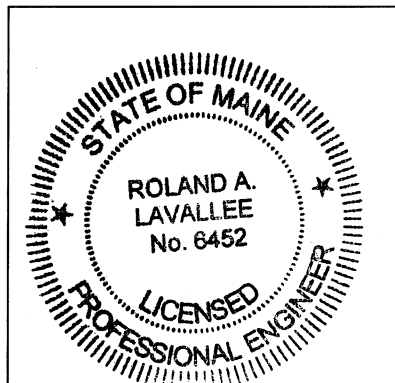
Date of Inspection: 5/15/2013

Date of Rating: 7/17/2015

Prepared By: MEW

Checked By: JMA

HNTB Corporation



Roland A. Lavallee 7/13/15

Roland A. Lavallee P.E., PLS
Vice President, Director of Operations

Date

Bridge No: 5983
 Town/City: PITTSFIELD
 Route Carried: SNAKEROOT ROAD
 Crosses: INTERSTATE 95

Owner: STATE HIGHWAY AGENCY
 Maintainer: STATE HIGHWAY AGENCY
 Year Built 1964
 Year(s) Rebuilt/Rehab: 1992

SUMMARY OF BRIDGE RATING

VEHICLE TYPE		RF	RT (TONS)	POSTING LOAD (TONS)
HL-93	INVENTORY	0.84	30.10	
	OPERATING	1.08	38.95	
HL-93 modified	INVENTORY	N/A	N/A	
	OPERATING	N/A	N/A	
CONFIGURATION 1		1.20	59.95	OK
CONFIGURATION 2		1.27	59.83	OK
CONFIGURATION 3		1.23	54.08	OK
CONFIGURATION 4		1.24	54.47	OK
CONFIGURATION 5		1.25	55.09	OK
CONFIGURATION 6		1.16	44.02	OK
CONFIGURATION 7		1.46	42.98	OK
CONFIGURATION 8		2.24	41.85	OK

Group 1 Posting Analysis (Configuration 1)

Governing Posting: N/A
 Governing Load Model: N/A

Group 2 Posting Analysis (Configurations 2 - 5)

Governing Posting: N/A
 Governing Load Model: N/A

Group 3 Posting Analysis (Configurations 6 - 8)

Governing Posting: N/A
 Governing Load Model: N/A

LRFR Evaluation Factors:

Live Load Distribution Factor: Modeled using BDGS
 Impact Factor: 0.33
 Governing Condition Factor, ϕ_c : 1.0
 System Factor, ϕ_s : 1.0
 ADTT (one-way): 6

Please check all the boxes that apply:

- ☐ Unintended Composite Analysis Used
- ☐ Bridge load rating is governed by substructure rating
- ☐ Connections control the load rating
- ☐ Exterior girder controls load rating
- ☒ As-built load rating
- ☐ As-inspected load rating
- ☐ One Lane Loaded
- ☒ Advanced Analysis Used
- ☐ Actual Measurements Taken
- ☒ Finite Fatigue Life 140 years based on Evaluation-I

BREAKDOWN OF BRIDGE RATING

Town/City: PITTSFIELD
 Bridge No: 5983

Route Carried: SNAKEROOT ROAD
 Crosses: INTERSTATE 95

LOAD RATING POINTS OF INTEREST

<u>Bridge Component</u>	HL-93		HL-93 Modified		MaineDOT Truck Configurations							
	Inv 72.0 kip	Oper 72.0 kip	Inv 90.0 kip	Oper 90.0 kip	1 100.0 kip	2 94.0 kip	3 88.0 kip	4 88.0 kip	5 88.0 kip	6 75.9 kip	7 59.0 kip	8 37.4 kip
Exterior Girder 1 Negative Moment Pier 2	0.91	1.17			1.20	1.28	1.23	1.24	1.25	1.42	1.87	3.10
Exterior Girder 1 (R.A.) Negative Moment Pier 6	1.10	1.43			1.45	1.58	1.45	1.47	1.48	1.63	2.14	3.54
Exterior Girder 1 Positive Moment Span 2 0.5L	0.95	1.23			1.57	1.48	1.45	1.49	1.49	1.42	1.79	2.79
Interior Girder 3 (R.A.) Negative Moment Pier 2	0.97	1.25			1.23	1.36	1.25	1.26	1.27	1.33	1.71	2.77
Interior Girder 3 (R.A.) Negative Moment Pier 6	0.99	1.29			1.25	1.41	1.25	1.26	1.27	1.29	1.67	2.69
Interior Girder 3 Positive Moment Span 7 0.625L	0.84	1.08			1.38	1.27	1.25	1.30	1.30	1.16	1.46	2.24
CONTROLLING RATING FACTORS	0.84	1.08			1.20	1.27	1.23	1.24	1.25	1.16	1.46	2.24

R.A. = Refined analysis used for negative moment capacity based on Park and Stallings publications for "Lateral-Torsional Buckling of Stepped Beams".

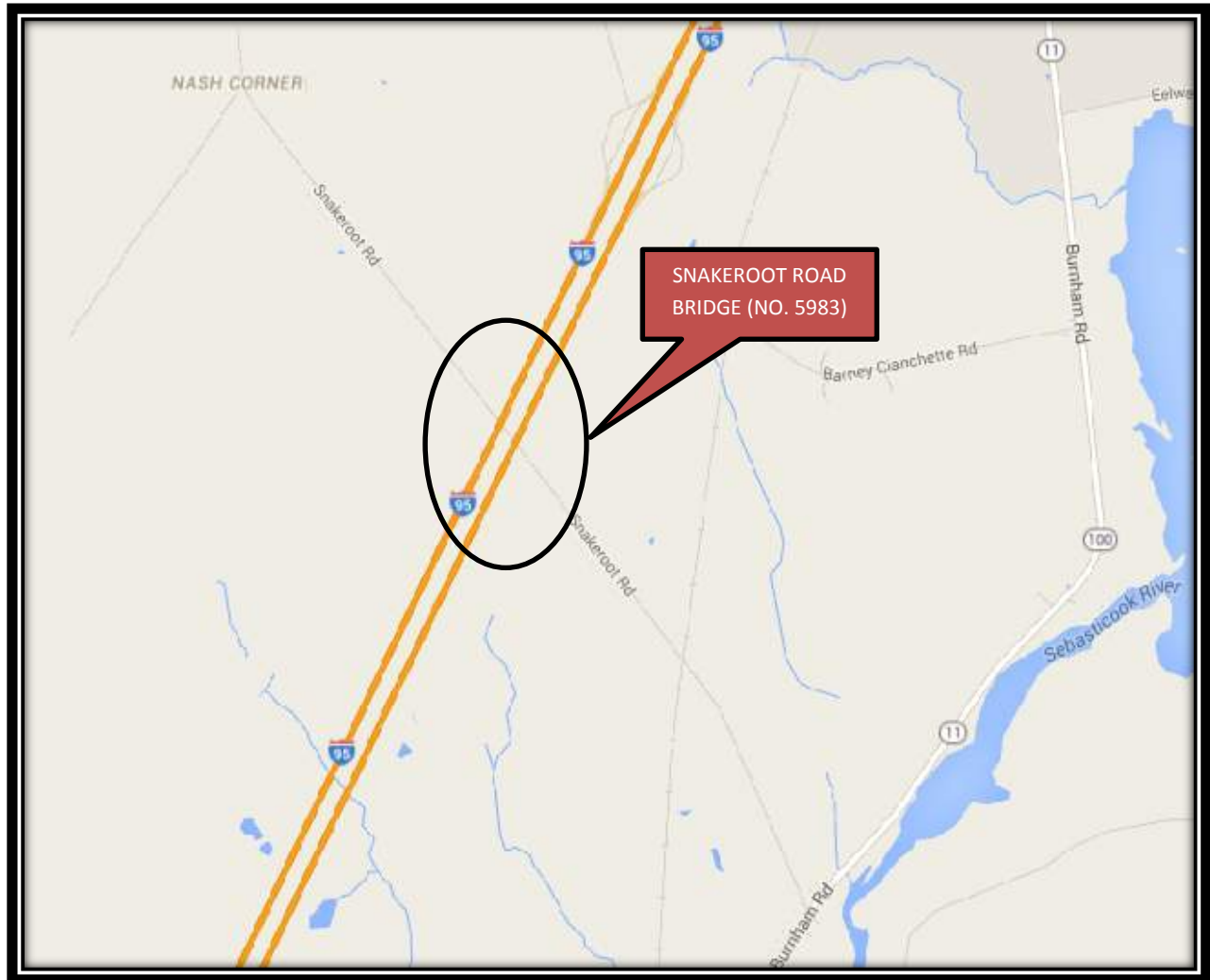
DESCRIPTION OF BRIDGE

Bridge Number:	5983
Owner:	STATE HIGHWAY AGENCY
Maintained By:	STATE HIGHWAY AGENCY
Location:	PITTSFIELD
Route Carried:	SNAKEROOT ROAD
Feature Intersected:	INTERSTATE 95
Latest NBI Inspection Date:	5/15/2013
Field Verification Date:	6/05/2015
Date of Construction:	1964
Bridge Type:	STRINGER/GIRDER
Material Properties:	STEEL: $f_y = 36$ ksi
Original Design Loading:	H20-44
Date(s) of Rebuild/Rehab :	1992
Description of Rebuild/Rehab :	UNKNOWN
Posting:	OPEN, NO RESTRICTIONS
Superstructure:	ROLLED STEEL GIRDERS AND STEEL DIAPHRAGMS
Substructure:	REINFORCED CONCRETE ABUTMENTS, PIERS AND BRIDGE SEATS
Bearings:	STEEL ROCKER BEARINGS
Bridge Spans:	56'-0"; 80'-0"; 80'-0"; 80'-0"; 80'-0"; 80'-0"; 64'-0"; (SPANS 1 TO 7, C.-C. BRG)
Bridge Skew:	27 DEGREES
Bridge Width:	31'-1" OUT-TO-OUT
Roadway Width:	26'-0" CURB-TO-CURB
Roadway Surface:	BITUMINOUS WEARING SURFACE
Curbs:	CONCRETE CURB
Sidewalk/Walkway/Median:	NONE
Utilities:	YES (SINGLE CONDUIT)
Bridge Railing:	SINGLE STEEL RAIL
Approach Railing:	GUARD RAIL
Wearing Surface Condition:	UNKNOWN
Bridge Railing Condition:	0 SUBSTANDARD
Deck Condition:	6 SATISFACTORY
Beam Condition:	7 GOOD
Bearing Condition:	UNKNOWN
Abutment Condition:	7 GOOD
Pier Condition:	7 GOOD

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LOCATION MAP



**Snakeroot Road Bridge carries Snakeroot Road over I-95
(Pittsfield, ME)**

Snakeroot Road Bridge
Bridge No. 5983**Load Rating Criteria and Assumptions**

The following information was obtained from As-Built bridge plans and the bridge SI&A report. All the information listed below was utilized to develop the LRFR bridge load rating presented herein.

Project Location:

The Snakeroot Road Bridge is in Pittsfield, Maine and carries Snakeroot Road over Interstate 95.

Bridge Description:

The Snakeroot Road Bridge is a 520'-0" long seven-span structure (c - c brgs) built in 1964. The bridge is a non-composite cast-in-place concrete bridge deck with five continuous rolled steel girders. The girders are spaced 6'-9" on center with a roadway width of 26'-0". The bridge is on a 26.63 degree skew. For more information on member sizes and types see the section properties presented in this package and the As-Built plans.

Bridge Inspection Report & Site Visit Information:

The following information was obtained from the Structure Inventory & Appraisal (SI&A) sheet which reflects the most recent MaineDOT bridge inspection findings.

Year Built:	1964
Year Reconstructed:	1992
ADT (2013):	192
Truck ADT:	5%
Condition Ratings:	Deck 6 (Satisfactory) Superstructure 7 (Good) Substructure 7 (Good)

The bridge inspection report stated that the structure is in good condition. A site visit was performed to assess condition and the potential use of unintended composite action. All As-Built plans were assumed to be correct and the load rating was performed based on the information provided.

Rating Criteria:

The following information was used to complete the enclosed load rating computations.

References

- AASHTO The Manual for Bridge Evaluation (MBE), Second Edition, 2011 w/ 2015 Interims
- AASHTO LRFD Bridge Design Specifications (BDS), Seventh Edition, 2014, w/ 2015 Interims
- MaineDOT Load Rating Guide, April 2015
- MaineDOT Structural Inventory and Appraisal Sheet (SI&A Sheet)

Snakeroot Road Bridge

Bridge No. 5983

Serviceability & Fatigue

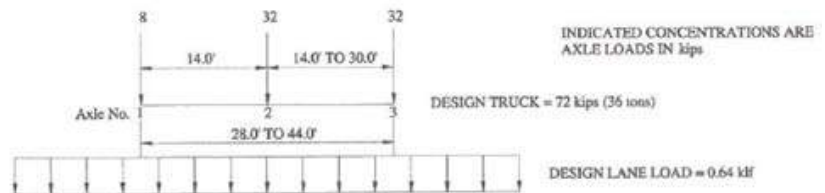
Inspection reports did not note any specific serviceability issues. Per the MaineDOT Load Rating Guide article 3.7.1, serviceability checks will only be evaluated on individual basis where the bridge's use, structure type, or specific details may cause concern. Since there are no specific serviceability issues present, serviceability was not considered a concern. Therefore Service II was not checked (as stated in project scope), and only Strength I was evaluated.

Fatigue life was analyzed for all present fatigue-prone details (categories C or worse) per article 3.7.3.1 of the MaineDOT Load Rating Guide, 2015. The MBE 2015 Interim, Section 7 was used for all calculations.

Live Load

Dynamic Impact Factor: IM = 1.33 for all live load configurations (HL-93 & Legal Loads)

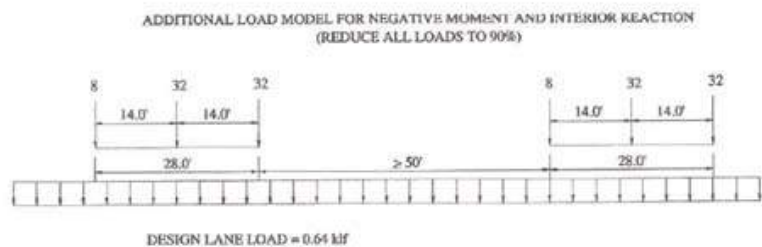
Live Load Configurations: AASHTO HL-93 was evaluated for all ratings. If a rating below 1.0 was obtained then Maine State Legal Load Configurations 1 through 8 were evaluated also.



HL-93 Design Truck with Lane Load



HL-93 Design Tandem with Lane Load



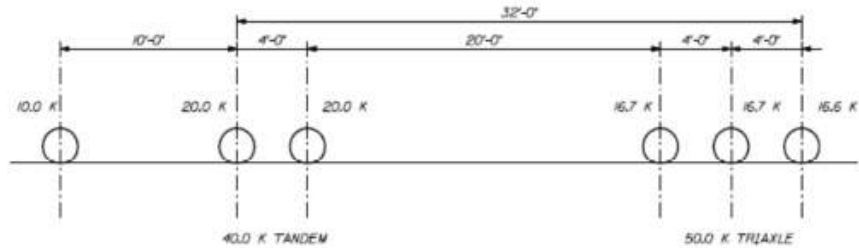
HL-93 Design Truck with Lane Load for Negative Moments

Snakeroot Road Bridge

Bridge No. 5983

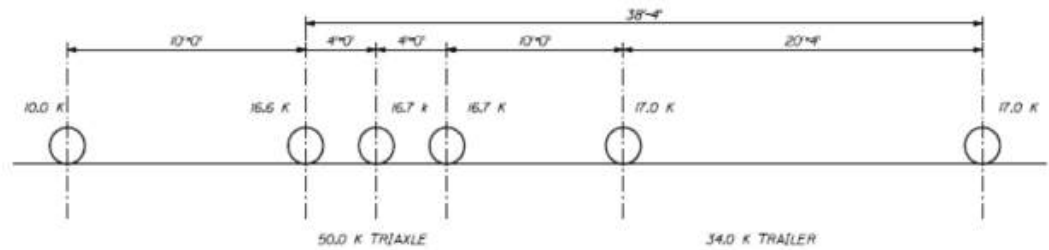
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Sheet: 3 of 5

State Legal Configurations



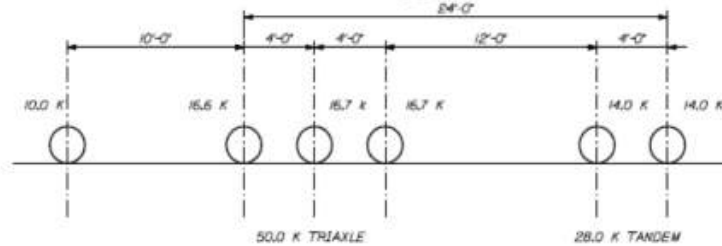
CONFIGURATON 1

SIX AXLE
3 AXLE TRACTOR
TRIAxLE SEMI-TRAILER
100.0 K GVW



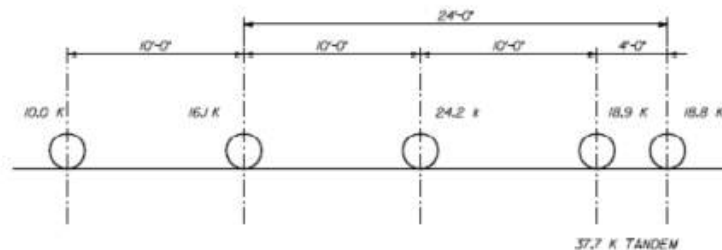
CONFIGURATON 2

SIX AXLE
TRIAxLE TRUCK
2 AXLE TRAILER
94.0 K GVW
64'-0"



CONFIGURATON 3

SIX AXLE
TRIAxLE TRUCK/TRACTOR
TANDEM SEMI-TRAILER
88.0 K GVW



CONFIGURATON 4

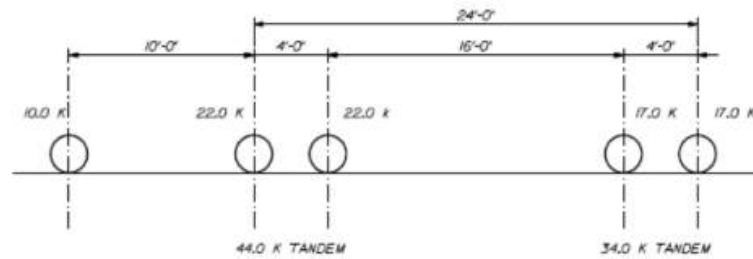
FIVE AXLE
TWO AXLE TRUCK/TRACTOR
THREE AXLE TRAILER
88.0 K GVW

REVISION 03-07-11

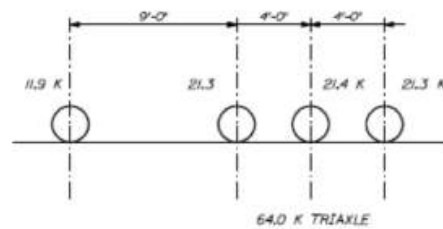
Snakeroot Road Bridge

Bridge No. 5983

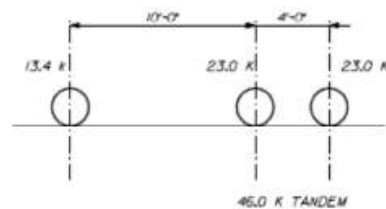
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Sheet: 4 of 5



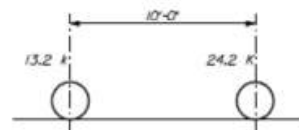
CONFIGURATON 5 FIVE AXLE
TANDEM AXLE TRUCK
OR TRACTOR SEMI-TRAILER
88.0 K GVW



CONFIGURATON 6 FOUR AXLE TRUCK
75.9 K GVW



CONFIGURATON 7 THREE AXLE TRUCK
59.0 K GVW



CONFIGURATON 8 TWO AXLE TRUCK
37.4 K GVW

Live Load Distribution:

Transverse placement of axle loads was based on existing lane striping per article 6A.2.3.2 of the Manual for Bridge Evaluation. When a line model was used distribution factors were calculated using AASHTO BDS article 4.6.2.2. When a grid model was used distribution of live load was developed by the program based on girder spacing and superstructure stiffness.

Live Load Factors:

HL-93 $\gamma_{LL} = 1.75$ (Inventory) & 1.35 (Operating)
State Legals $\gamma_{LL} = 1.3$ per MBE Tables B6A-2 and B6A-3 for ADTT < 1,000

Snakeroot Road Bridge **Bridge No. 5983**

Condition Factors

Girders: $\phi_c = 1.00$ (satisfactory condition per SI&A, MBE Table 6A.4.2.3)

System Factors

Girders: $\phi_s = 1.00$ (Redundant Stringer Subsystem, MBE Table 6A.4.2.4-1)

Materials

Structural Steel: $f_y = 36$ ksi , $f_u = 58$ ksi (per As-Built plan specifications, ASTM A36)

Concrete: $f'_c = 3.0$ ksi (per AASHTO MBE table 6B.5.2.4.1-1)

Reinforcing Steel: $f_y = 40$ ksi (per AASHTO MBE table 6A.5.2.2-1 after 1954)

Summary of Load Rating Calculations:

This load rating was developed using a LRFR methodology and in accordance with the Maine Department of Transportation guidelines. The calculations herein reflect one method of analysis. The analysis was performed based on the MBE code-prescribed analytical procedures. A proprietary bridge design and analysis program developed by HNTB Corporation, BDGS, was used to develop load ratings for the Design Load and State Legal Loads (when necessary). BDGS currently performs load rating code checks in accordance with AASHTO BDS 2012 Edition, HNTB has verified that the revisions made for the 2014 Edition with 2015 interims do not affect the calculations performed by BDGS, therefore BDGS was deemed acceptable for this project. The girders were rated for the HL-93 design load. If the Inventory Rating Factor was less than 1.0, the controlling girder was also rated for the eight MaineDOT Legal Load Configurations. If the Inventory Rating Factor was below 1.0 for a non-prismatic section in a negative moment region, a refined analysis was performed to more accurately calculate the capacity of the stepped section. The negative moment rating for the Exterior beams did not use the refined analysis capacity at some locations because those areas were considered prismatic. For the current bridge, the girders are rated for HL-93 and the eight MaineDOT Legal Load Configurations. Partial or unintended composite action was not considered for this bridge due to the current haunch conditions.

Assumptions:

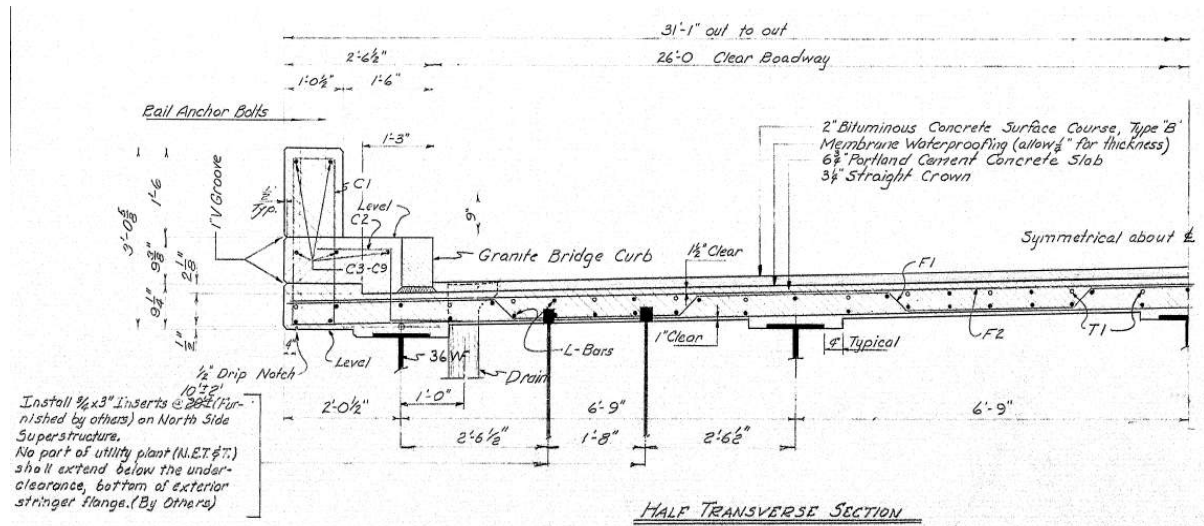
- Straight girders with non-composite action per AASHTO BDS article 6.10 when applicable.
- Superimposed dead loads are distributed equally to all girders.
- Structural steel dead load was increased by 5% to account for miscellaneous components and hardware.
- Continuous lateral bracing of top flange per MBE article 6A.6.9.3.
- Deck and Substructure are both in satisfactory condition per the most recent inspection report and there were no signs of distress noted therefore they were not analyzed as part of this load rating.
- Cover plates are within the tested limits of Park and Stallings study, therefore the Stallings refined analysis was used.

LOAD RATING ANALYSIS

LOAD DEVELOPMENT

Dead Load Calculations

Typical Section



Noncomposite Dead Load

$$n_{\text{girder}} := 5 \quad S_{\text{girder}} := 6 \cdot \text{ft} + 9 \text{ in} = 6.75 \cdot \text{ft}$$

$$L_{\text{spans}_1} := 56 \text{ ft} \quad L_{\text{spans}_2 \text{ thru } 6} := 80 \text{ ft} \quad L_{\text{spans}_7} := 64 \text{ ft} \quad \text{taken along Girder line}$$

$$L_{\text{bridge}} := 1 \text{ ft} + 2 \text{ in} + L_{\text{spans}_1} + 5 L_{\text{spans}_2 \text{ thru } 6} + L_{\text{spans}_7} + 1 \text{ ft} + 2 \text{ in} = 522.333 \cdot \text{ft}$$

approximate

$$W_{\text{deck}} := 31 \text{ ft} + 1 \text{ in} = 31.083 \cdot \text{ft}$$

Girder Selfweight

Spans 1-7

$$\text{unit}_{\text{wt}_1} := 135 \text{ plf} \quad \text{member } 36 \text{ WF135}$$

$$L_{\text{sect}_1} := L_{\text{bridge}} = 522.333 \cdot \text{ft}$$

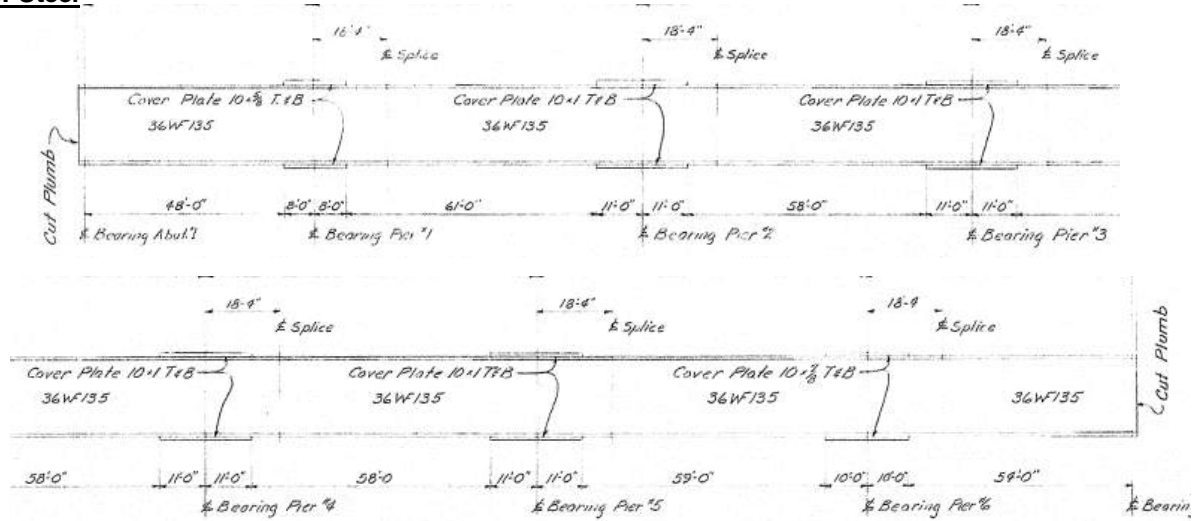
$$\text{Weight of girder} \quad \text{wt}_1 := L_{\text{sect}_1} \cdot \text{unit}_{\text{wt}_1} = 70.515 \cdot \text{kip}$$

$$\begin{aligned} &\text{avg weight of girder} \\ &(\text{assume } 5\% \text{ fasteners}) \quad DL_{\text{girder}} := \frac{\text{wt}_1}{L_{\text{bridge}}} \cdot 1.05 = 0.142 \cdot \text{klf} \end{aligned}$$

SNAKEROOT ROAD BRIDGE **Bridge 5983**

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Sheet: 2 of 6

Misc. Steel



Cover Plates

CP1 (10"x5/8"x16') Top and Bot

$no_{cp1} := 2$ per girder

$$V_{cp1} := 10in \cdot \left(\frac{5}{8}\right)in \cdot 16ft = 0.694 \cdot ft^3$$

$$wt_{cp1} := no_{cp1} \cdot V_{cp1} \cdot 490pcf = 0.681 \cdot kip$$

CP2 (10"x1"x22') Top and Bot

$no_{cp2} := 8$ per girder

$$V_{cp2} := 10in \cdot 1in \cdot 22ft = 1.528 \cdot ft^3$$

$$wt_{cp2} := no_{cp2} \cdot V_{cp2} \cdot 490pcf = 5.989 \cdot kip$$

CP3 (10"x7/8"x20') Top and Bot

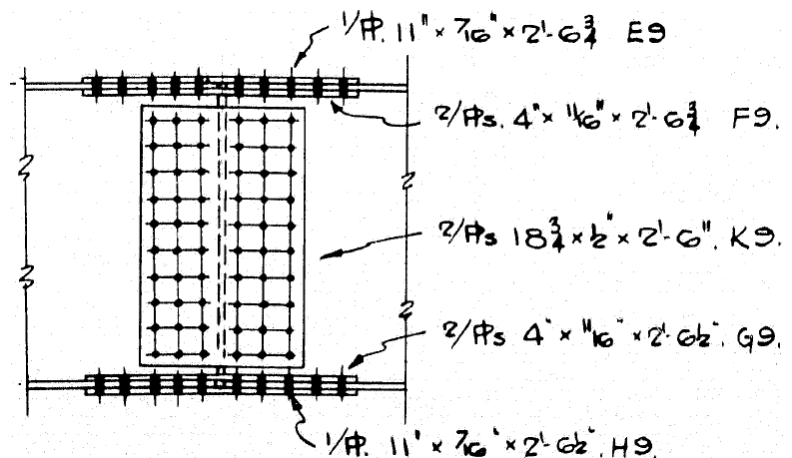
$no_{cp3} := 2$ per girder

$$V_{cp3} := 10in \cdot \left(\frac{7}{8}\right)in \cdot 20ft = 1.215 \cdot ft^3$$

$$wt_{cp3} := no_{cp3} \cdot V_{cp3} \cdot 490pcf = 1.191 \cdot kip$$

Splice Plates

$no_{splice} := 6$



SP E9&H9 (11"x7/16"x2'-6 3/4")

Conservatively use Top Plate Dims for Loads Calc (1/4" longer)

$no_{sp1} := 2$ per splice

$$V_{sp1} := 11 \text{ in} \cdot \left(\frac{7}{16} \right) \text{ in} \cdot (2 \text{ ft} + 6.75 \text{ in}) = 147.984 \cdot \text{in}^3$$

$$wt_{sp1} := no_{sp1} \cdot V_{sp1} \cdot 490 \text{ pcf} = 0.084 \cdot \text{kip}$$

SP G9&F9 (4"x11/16"x2'-6 3/4")

Conservatively use Top Plate Dims for Loads Calc (1/4" longer)

$no_{sp2} := 4$ per splice

$$V_{sp2} := 4 \text{ in} \cdot \left(\frac{11}{16} \right) \text{ in} \cdot (2 \text{ ft} + 6.75 \text{ in}) = 84.563 \cdot \text{in}^3$$

$$wt_{sp2} := no_{sp2} \cdot V_{sp2} \cdot 490 \text{ pcf} = 0.096 \cdot \text{kip}$$

SP K9 (18 3/4"x1/2"x2'-6")

$no_{sp3} := 2$ per splice

$$V_{sp3} := 18.75 \text{ in} \cdot \left(\frac{1}{2} \right) \text{ in} \cdot 30 \text{ in} = 281.250 \cdot \text{in}^3$$

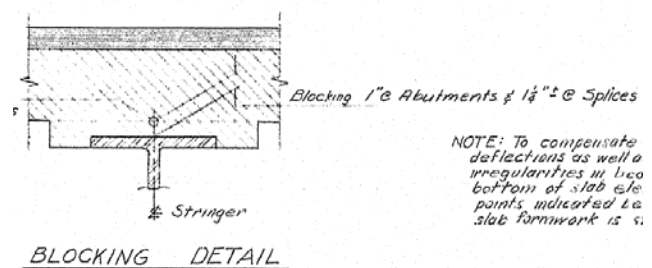
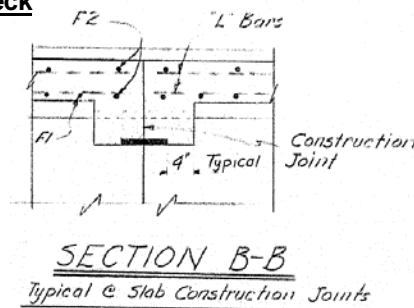
$$wt_{sp3} := no_{sp3} \cdot V_{sp3} \cdot 490 \text{ pcf} = 0.16 \cdot \text{kip}$$

avg weight of misc steel
(assume 5% bolts, etc.)

$$DL_{misc_stl} := \frac{no_{splice} \cdot (wt_{sp1} + wt_{sp2} + wt_{sp3}) + wt_{cp1} + wt_{cp2} + wt_{cp3}}{L_{bridge}} \cdot 1.05 = 0.020 \cdot \text{klf}$$

$$\%_{misc_stl} := \frac{DL_{misc_stl}}{DL_{girder}} = 14.035\%$$

Haunch and Deck



NOTE: To compensate deflections as well as irregularities in loco bottom of slab elev points indicated to slab formwork is v.

$$\text{dead load from haunch } t_{hnh} := 1.25 \cdot \text{in} + .794 \text{ in} = 2.044 \cdot \text{in}$$

$$w_{hnh} := 4 \text{ in} + 11.945 \text{ in} + 4 \text{ in} = 19.945 \cdot \text{in}$$

Max flange width is 11.945", 4" min. each side, Use 1 1/4" (Conservative) + Thick of Flange (0.794") for Haunch Depth

$$DL_{hnh} := t_{hnh} \cdot w_{hnh} \cdot 150 \cdot \text{pcf} = 0.042 \cdot \text{klf}$$

weight of deck

$$\text{thickness of deck concrete } t_{deck} := 6.75 \cdot \text{in}$$

$$\text{weight of deck, interior } DL_{deck_int} := S_{girder} \cdot t_{deck} \cdot 150 \cdot \text{pcf} = 0.57 \cdot \text{klf}$$

$$\text{width overhang } w_{oh} := [W_{deck} - (no_{girder} - 1) \cdot S_{girder}] \cdot 0.5 = 24.5 \cdot \text{in}$$

$$\text{extra } t_{oh} := 9.25 \cdot \text{in} - 2.125 \text{ in} - t_{deck} = 0.375 \cdot \text{in} \text{ (approx. additional thickness)}$$

$$t_{oh} := t_{deck} + \text{extra } t_{oh} = 7.125 \cdot \text{in}$$

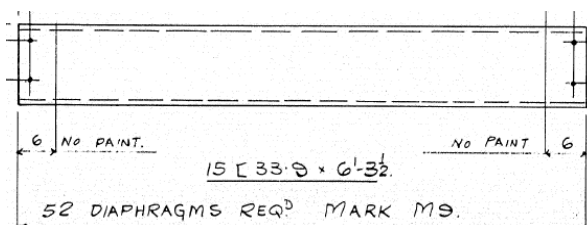
$$\text{weight of overhang } DL_{oh} := w_{oh} \cdot t_{oh} \cdot 150 \cdot \text{pcf} = 0.182 \cdot \text{klf}$$

weight of deck, fascia

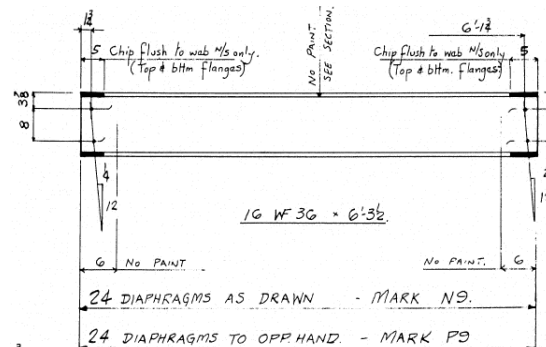
$$DL_{\text{deck_fascia}} := \left(DL_{\text{oh}} + \frac{DL_{\text{deck_int}}}{2} \right) = 0.467 \cdot \text{klf}$$

Bracing

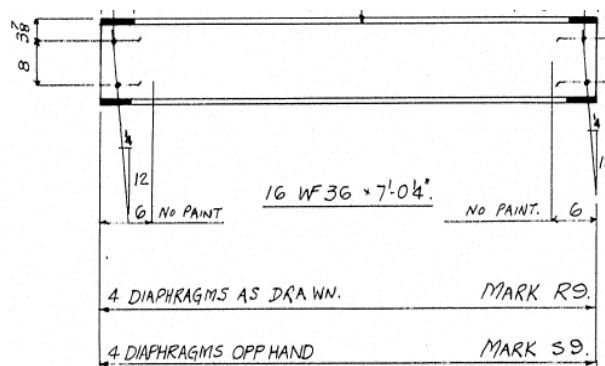
Diaphragm/Cross-Frame



TYPE A1



TYPE B1



TYPE B2 (End
Diaphragms)

TYPE A1

$no_{d_A} := 13$ applies to all Bays

$unit_{wt_da} := 33.9 \text{ plf}$ member C15x33.9

$$L_{d_A} := (6\text{ft} + 3.5\text{in}) = 6.292 \cdot \text{ft}$$

$wt_{d_A} := unit_{wt_da} \cdot L_{d_A} = 0.213 \cdot \text{kip}$ each

TYPE B1

$no_{d_B} := 12$ applies to all Bays

$unit_{wt_db} := 36 \text{ plf}$ member 16WF36

$$L_{d_B} := (6\text{ft} + 3.5\text{in}) = 6.292 \cdot \text{ft}$$

$wt_{d_B} := unit_{wt_db} \cdot L_{d_B} = 0.227 \cdot \text{kip}$ each

TYPE B2

$no_{d_B2} := 2$ applies to all Bays

$unit_{wt_db2} := 36 \text{ plf}$ member 16WF36

$$L_{d_B2} := (7\text{ft} + 0.25\text{in}) = 7.021 \cdot \text{ft}$$

$wt_{d_B2} := unit_{wt_db} \cdot L_{d_B2} = 0.253 \cdot \text{kip}$ each

Exterior Girders 1&5

$$DL_{\text{bracing}_1} := \frac{0.5(\text{no}_{d_A} \cdot \text{wt}_{d_A} + \text{no}_{d_B} \cdot \text{wt}_{d_B} + \text{no}_{d_B2} \cdot \text{wt}_{d_B2})}{L_{\text{bridge}}} = 0.006 \cdot \text{klf}$$

Interior Girders

$$DL_{\text{bracing}_2} := \left(\frac{\text{no}_{d_A} \cdot \text{wt}_{d_A} + \text{no}_{d_B} \cdot \text{wt}_{d_B} + \text{no}_{d_B2} \cdot \text{wt}_{d_B2}}{L_{\text{bridge}}} \right) = 0.011 \cdot \text{klf}$$

Utilities (shown in photos but no documentation on size)

Utility, between girders 4 & 5

assume 3" dia, steel casing (use 3-1/2" X-Strong Steel Pipe)

applied to girders 4 & 5

$$DL_{\text{pipe}} := 12.5 \cdot \text{plf}$$

$$DL_{\text{util}} := \frac{(DL_{\text{pipe}}) \cdot 1.20}{2} = 0.008 \cdot \text{klf per girder}$$

Add 20% weight to account for contents of pipe and hangers per HNTB 5/5/15

DC2 Dead Load

Wearing Surface (Bituminous)

thickness of overlay $t_{\text{overlay}} := 2 \cdot \text{in}$

roadway width $w_{\text{rdwy}} := 26 \cdot \text{ft}$

weight of overlay $DL_{\text{overlay}} := t_{\text{overlay}} \cdot w_{\text{rdwy}} \cdot 140 \cdot \text{pcf} = 0.607 \cdot \text{klf}$

per girder $DL_{\text{WS}} := \frac{DL_{\text{overlay}}}{\text{no}_{\text{girder}}} = 0.121 \cdot \text{klf}$

Curb/Rail Base

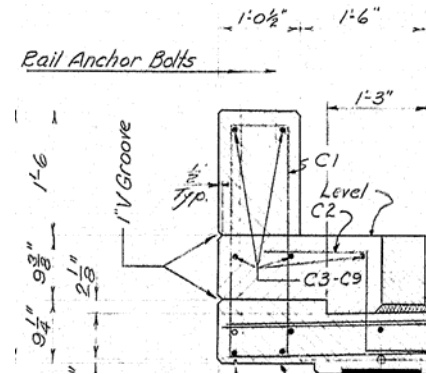
$\text{no}_{\text{curb}} := 2$

curb concrete $h_{\text{curb}} := (9.375 \text{ in} + 2.125 \text{ in}) = 11.5 \cdot \text{in}$ $w_{\text{curb}} := 24.5 \cdot \text{in}$ $A_{\text{curb}} := h_{\text{curb}} \cdot w_{\text{curb}} = 281.75 \cdot \text{in}^2$

curb granite $h_{\text{gran}} := 11.5 \cdot \text{in}$ (Conservative) $w_{\text{gran}} := 6 \cdot \text{in}$ $A_{\text{gran}} := h_{\text{gran}} \cdot w_{\text{gran}} = 69 \cdot \text{in}^2$

$$DL_{\text{curb}} := \frac{\text{no}_{\text{curb}} (A_{\text{curb}} \cdot 150 \cdot \text{pcf} + A_{\text{gran}} \cdot 170 \cdot \text{pcf})}{\text{no}_{\text{girder}}} = 0.150 \cdot \text{klf}$$

Barrier/Railing



Parapet: $A_{par} := 18\text{in} \cdot 12.5\text{in} = 225 \cdot \text{in}^2$
 $w_{par} := A_{par} \cdot (150\text{pcf}) = 0.23 \cdot \text{klf}$

Post Weight: $no_p := 66 \cdot 2 = 132$ $w_p := 15\text{lb}$ *Post weight assumed to be 15 lb each
66 posts each side = 132 posts total*

Rail Weight: $L_{rail} := 8.125\text{in} + (25\text{ft} + 1.875\text{in}) + 448\text{ft} + 6(8\text{ft} + 0.375\text{in}) + 8.125\text{in} = 522.698 \cdot \text{ft}$

$A_{rail} := 4.3\text{in}^2$ *Assuming 5" diam standard Aluminum pipe based on photos*

$W_{rail} := 2 \cdot (L_{rail} \cdot A_{rail}) \cdot 175\text{pcf} = 5.463 \cdot \text{kip}$

$DL_{barrier} := \left(\frac{w_p \cdot no_p + W_{rail}}{no_{girder} \cdot L_{bridge}} \right) \cdot 1.15 + \frac{(2w_{par})}{(no_{girder})} = 0.097 \cdot \text{klf}$ *increase steel weight by 15% for
conn. hardware*

Summary of Superstructure Loads

DC1 - Noncomposite Dead Loads

Girder Self-weight:	$DL_{girder} = 0.142 \cdot \text{klf}$	5% $DL_{girder} = 0.007 \cdot \text{klf}$	<i>At a minimum, use 5% of DL_{girder}</i>
Miscellaneous Steel:	$DL_{misc_stl} = 0.020 \cdot \text{klf}$	% $misc_stl = 14.035 \cdot \%$	
Concrete Deck, Interior:	$DL_{deck_int} = 0.570 \cdot \text{klf}$		
Concrete Deck, Exterior:	$DL_{deck_fascia} = 0.467 \cdot \text{klf}$		
Haunch:	$DL_{hnh} = 0.042 \cdot \text{klf}$		
Bracing Girder, Exterior:	$DL_{bracing_1} = 0.006 \cdot \text{klf}$		
Bracing Girder, Interior:	$DL_{bracing_2} = 0.011 \cdot \text{klf}$		
Utilities:	$DL_{util} = 0.008 \cdot \text{klf}$		

DC2 Dead Loads - calculated loads are per girder (Loads distributed equally to all girders)

Curb/Base:	$DL_{curb} = 0.15 \cdot \text{klf}$
Barrier/Railing:	$DL_{barrier} = 0.097 \cdot \text{klf}$
Wearing Surface:	$DL_{WS} = 0.121 \cdot \text{klf}$

SECTION PROPERTIES

Equivalent Plate Girder Properties Used For Modeling

Section-36WF135, No Cover Plates

SECTION PROPERTIES

Base Shape	36WF135	
Top Flange Cover Plate	0 (in.)	0 (in.)
Bottom Flange Cover Plate	0 (in.)	0 (in.)

Top Flange

Element	x dim. (in.)	y dim. (in.)	y adj. (in.)	A (in. ²)	y _{bar} (in.)	A*y _{bar} (in. ³)
Plate	0	0	0	0.000	0.000	0.000
Top Flg	11.945	0.794	0	9.484	0.397	3.765
Σ				9.484	0.397	3.765

b _f equivalent =	11.945 (in.)
t _f equivalent =	0.794 (in.)

Bottom Flange

Element	x dim. (in.)	y dim. (in.)	y adj. (in.)	A (in. ²)	y _{bar} (in.)	A*y _{bar} (in. ³)
Plate	0	0	0	0.000	0.000	0.000
Bot Flg	11.945	0.794	0	9.484	0.397	3.765
Σ				9.484	0.397	3.765

b _f equivalent =	11.945 (in.)
t _f equivalent =	0.794 (in.)

Plate Size

Top Flg Width	11.945 (in.)
Top Flg Thick	0.794 (in.)
Web Height	33.962 (in.)
Web Thick	0.598 (in.)
Btm Flg Width	11.945 (in.)
Btm Flg Thick	0.794 (in.)

Equivalent Plate Girder Properties Used For Modeling

Section-36WF135, Pier 1 Cover Plate 10"x5/8"x16' top and bottom

SECTION PROPERTIES

Base Shape	36WF135	
Top Flange Cover Plate	10 (in.)	0.625 (in.)
Bottom Flange Cover Plate	10 (in.)	0.625 (in.)

Top Flange

Element	x dim. (in.)	y dim. (in.)	y adj. (in.)	A (in. ²)	y _{bar} (in.)	A*y _{bar} (in. ³)
Plate	10	0.625	0	6.250	1.107	6.916
Top Flg	11.945	0.794	0	9.484	0.397	3.765
Σ				15.734	0.679	10.681

b _f equivalent =	11.589 (in.)
t _f equivalent =	1.358 (in.)

Bottom Flange

Element	x dim. (in.)	y dim. (in.)	y adj. (in.)	A (in. ²)	y _{bar} (in.)	A*y _{bar} (in. ³)
Plate	10	0.625	0	6.250	1.107	6.916
Bot Flg	11.945	0.794	0	9.484	0.397	3.765
Σ				15.734	0.679	10.681

b _f equivalent =	11.589 (in.)
t _f equivalent =	1.358 (in.)

Plate Size	
Top Flg Width	11.589 (in.)
Top Flg Thick	1.358 (in.)
Web Height	33.962 (in.)
Web Thick	0.598 (in.)
Btm Flg Width	11.589 (in.)
Btm Flg Thick	1.358 (in.)

Notes:

1'-8" Taper/Transition at ends of CP - Say 2'-0"
(16'-0")-2(2')=12'-0" Plate Length

Equivalent Plate Girder Properties Used For Modeling

Section-36WF135, Piers 2-5 Cover Plate 10"x1"x22' top and bottom

SECTION PROPERTIES

Base Shape	36WF135	
Top Flange Cover Plate	10 (in.)	1 (in.)
Bottom Flange Cover Plate	10 (in.)	1 (in.)

Top Flange

Element	x dim. (in.)	y dim. (in.)	y adj. (in.)	A (in. ²)	y _{bar} (in.)	A*y _{bar} (in. ³)
Plate	10	1	0	10.000	1.294	12.940
Top Flg	11.945	0.794	0	9.484	0.397	3.765
Σ				19.484	0.857	16.705

b _f equivalent =	11.363 (in.)
t _f equivalent =	1.715 (in.)

Bottom Flange

Element	x dim. (in.)	y dim. (in.)	y adj. (in.)	A (in. ²)	y _{bar} (in.)	A*y _{bar} (in. ³)
Plate	10	1	0	10.000	1.294	12.940
Bot Flg	11.945	0.794	0	9.484	0.397	3.765
Σ				19.484	0.857	16.705

b _f equivalent =	11.363 (in.)
t _f equivalent =	1.715 (in.)

Plate Size	
Top Flg Width	11.363 (in.)
Top Flg Thick	1.715 (in.)
Web Height	33.962 (in.)
Web Thick	0.598 (in.)
Btm Flg Width	11.363 (in.)
Btm Flg Thick	1.715 (in.)

Notes:

1'-8" Taper/Transition at ends of CP - Say 2'-0"
(22'-0")-2(2')=18'-0" Plate Length

Equivalent Plate Girder Properties Used For Modeling

Section-36WF135, Pier 6 Cover Plate 10"x7/8"x20' top and bottom

SECTION PROPERTIES

Base Shape	36WF135	
Top Flange Cover Plate	10 (in.)	0.875 (in.)
Bottom Flange Cover Plate	10 (in.)	0.875 (in.)

Top Flange

Element	x dim. (in.)	y dim. (in.)	y adj. (in.)	A (in. ²)	y _{bar} (in.)	A*y _{bar} (in. ³)
Plate	10	0.875	0	8.750	1.232	10.776
Top Flg	11.945	0.794	0	9.484	0.397	3.765
Σ				18.234	0.797	14.541

b _f equivalent =	11.433 (in.)
t _f equivalent =	1.595 (in.)

Bottom Flange

Element	x dim. (in.)	y dim. (in.)	y adj. (in.)	A (in. ²)	y _{bar} (in.)	A*y _{bar} (in. ³)
Plate	10	0.875	0	8.750	1.232	10.776
Bot Flg	11.945	0.794	0	9.484	0.397	3.765
Σ				18.234	0.797	14.541

b _f equivalent =	11.433 (in.)
t _f equivalent =	1.595 (in.)

Plate Size	
Top Flg Width	11.433 (in.)
Top Flg Thick	1.595 (in.)
Web Height	33.962 (in.)
Web Thick	0.598 (in.)
Btm Flg Width	11.433 (in.)
Btm Flg Thick	1.595 (in.)

Notes:

1'-8" Taper/Transition at ends of CP - Say 2'-0"
(20'-0")-2(2')=16'-0" Plate Length

For	Br5983	Job No.	46583-DS380	Sheet No.	
Made by	MEW	Checked by	JMA	Backchecked by	MEW
Date	5-14-15	Date	5/14/15	Date	5/14/15



Slab reinforcing estimation Sheet.

Deck width:	31.083 ft
Typical overhang width:	2.042 ft
Typical interior bay width:	6.75 ft
Number of interior bays:	4
Slab t:	6.75 in
wear t:	0.0 in

bituminous wearing surface placed on top

Top primary reinforcing

Bar	Dia.
Top transverse bar:	#5 0.625 in

Top clear cover:	1.5 in
------------------	--------

Longitudinal reinforcing

Bar Size:	#5	As =	0.31 in^2
		Dia. =	0.625 in

Top Additional reinforcing (at piers)

#5	As =	0.31 in^2
----	------	-----------

Enter values for either total # of bars or # per bays or bar spacing

Total number of bars:	23	0.23 in^2/ft	22	0.22 in^2/ft
# of Exterior bay bars:				
# of Interior bay bars:		0.00 in^2/ft		0.00 in^2/ft
Typical bar spacing:		0.00 in^2/ft		0.00 in^2/ft

Long. Reinf. As =	0.23 in^2/ft	Long. Reinf. As =	0.22 in^2/ft
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Total Top Reinforcing As =	0.45 in^2/ft
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Top reinforcing for BDGS

Bar Size:	#5
Dia. =	0.625 in
As =	0.31 in^2

C.G. from top:	2.438 in
Spacing =	8.289 in averaged

For	Br5983	Job No.	46583-DS380	Sheet No.	
Made by	MEW	Checked by	JMA	Backchecked by	MEW
Date	5-14-15	Date	5/14/15	Date	5/14/15



Slab reinforcing estimation Sheet.

Bot. primary reinforcing

Bot. transverse bar: Bar #5 Dia. 0.625 in

Bot. clear cover: 1.0 in

Bot. Additional reinforcing (at piers)

Longitudinal reinforcing

Bar Size: #5 As = 0.31 in² NA As = 0.00 in²
Dia. = 0.625 in

Enter values for either total # of bars or # per bays or bar spacing

Total number of bars:	32	0.32 in ² /ft		0.00 in ² /ft
# of Exterior bay bars:				
# of Interior bay bars:		0.00 in ² /ft		0.00 in ² /ft
Typical bar spacing:		0.00 in ² /ft		0.00 in ² /ft

Long. Reinf. As = 0.32 in²/ft Long. Reinf. As = 0.00 in²/ft

Total Bot. Reinforcing As = 0.32 in²/ft

Bot. reinforcing for BDGS

Bar Size: #5
Dia. = 0.625 in
As = 0.31 in²/ft

C.G. from bot.: 1.938 in
Spacing = 11.656 in averaged

Summary reinforcing for BDGS

Total Reinforcing As/ft = 0.77 in²/ft

C.G. from top: 3.425 in
C.G. from effective top: 3.425 in

LOAD RATING

GIRDER 1 LABEL: Beam-1 (Continued)

BEGIN DIST	END DIST	THICKNESS	WIDTH	MATERIAL
(ft)	(ft)	(in)	(in)	
0.000	50.667	0.794	11.945	A36
50.667	62.667	1.358	11.589	A36
62.667	127.667	0.794	11.945	A36
127.667	145.667	1.715	11.363	A36
145.667	207.667	0.794	11.945	A36
207.667	225.667	1.715	11.363	A36
225.667	287.667	0.794	11.945	A36
287.667	305.667	1.715	11.363	A36
305.667	367.667	0.794	11.945	A36
367.667	385.667	1.715	11.363	A36
385.667	448.667	0.794	11.945	A36
448.667	464.667	1.595	11.433	A36
464.667	521.333	0.794	11.945	A36

BEGIN DIST	END DIST	THICKNESS	WIDTH	MATERIAL
(ft)	(ft)	(in)	(in)	
0.000	50.667	0.794	11.945	A36
50.667	62.667	1.358	11.589	A36
62.667	127.667	0.794	11.945	A36
127.667	145.667	1.715	11.363	A36
145.667	207.667	0.794	11.945	A36
207.667	225.667	1.715	11.363	A36
225.667	287.667	0.794	11.945	A36
287.667	305.667	1.715	11.363	A36
305.667	367.667	0.794	11.945	A36
367.667	385.667	1.715	11.363	A36
385.667	448.667	0.794	11.945	A36
448.667	464.667	1.595	11.433	A36
464.667	521.333	0.794	11.945	A36

BEGIN DIST	END DIST	THICKNESS	BEGIN DEPTH	END DEPTH	MATERIAL
(ft)	(ft)	(in)	(in)	(in)	
0.000	521.333	0.598	33.962	33.962	A36

LOCATION (ft)	THICKNESS (in)	WIDTH (in)	MATERIAL
0.667	0.3750	6.000	A7
23.436	0.3750	6.000	A7
43.436	0.3750	6.000	A7
63.436	0.3750	6.000	A7
83.436	0.3750	6.000	A7
103.436	0.3750	6.000	A7
123.436	0.3750	6.000	A7
143.436	0.3750	6.000	A7
163.436	0.3750	6.000	A7
183.436	0.3750	6.000	A7
203.436	0.3750	6.000	A7
223.436	0.3750	6.000	A7
243.436	0.3750	6.000	A7
263.436	0.3750	6.000	A7
283.436	0.3750	6.000	A7
303.436	0.3750	6.000	A7
323.436	0.3750	6.000	A7
343.436	0.3750	6.000	A7
363.436	0.3750	6.000	A7
383.436	0.3750	6.000	A7
403.436	0.3750	6.000	A7
423.436	0.3750	6.000	A7

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----- GIRDER  1 DATA
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GIRDER 1 LABEL: Beam-1 (Continued)

TRANSVERSE STIFFENER DATA:

LOCATION (ft)	THICKNESS (ft)	WIDTH (in)	MATERIAL
443.436	0.3750	6.000	A7
463.436	0.3750	6.000	A7
483.436	0.3750	6.000	A7
503.436	0.3750	6.000	A7
520.667	0.3750	6.000	A7

COMPOSITE NEGATIVE MOMENT STEEL:

BEGIN	END	TOP LAYER	TOP LAYER	BTM LAYER	BTM LAYER	TOTAL	
DIST	DIST	BAR AREA	DIST c	BAR AREA	DIST c	AREA	MATERIAL
(ft)	(ft)	(in ²)	(in)	(in ²)	(in)	(in ²)	
0.000	521.333	0.00	0.000	0.00	0.000	0.00	None

Note: Distance c is measured from top of web upward to CL of each bar layer.

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----- GIRDER  2 DATA
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GIRDER 2 LABEL: Beam-2

SHAPE: I-Section

TOP FLANGE PLATE DATA:

BEGIN DIST (ft)	END DIST (ft)	THICKNESS (in)	WIDTH (in)	MATERIAL
0.000	50.667	0.794	11.945	A36
50.667	62.667	1.358	11.589	A36
62.667	127.667	0.794	11.945	A36
127.667	145.667	1.715	11.363	A36
145.667	207.667	0.794	11.945	A36
207.667	225.667	1.715	11.363	A36
225.667	287.667	0.794	11.945	A36
287.667	305.667	1.715	11.363	A36
305.667	367.667	0.794	11.945	A36
367.667	385.667	1.715	11.363	A36
385.667	448.667	0.794	11.945	A36
448.667	464.667	1.595	11.433	A36
464.667	521.333	0.794	11.945	A36

BOTTOM FLANGE PLATE DATA:

BEGIN DIST	END DIST	THICKNESS	WIDTH	MATERIAL
(ft)	(ft)	(in)	(in)	
0.000	50.667	0.794	11.945	A36
50.667	62.667	1.358	11.589	A36
62.667	127.667	0.794	11.945	A36
127.667	145.667	1.715	11.363	A36
145.667	207.667	0.794	11.945	A36
207.667	225.667	1.715	11.363	A36
225.667	287.667	0.794	11.945	A36
287.667	305.667	1.715	11.363	A36
305.667	367.667	0.794	11.945	A36
367.667	385.667	1.715	11.363	A36
385.667	448.667	0.794	11.945	A36
448.667	464.667	1.595	11.433	A36
464.667	521.333	0.794	11.945	A36

WEB PLATE DATA:

BEGIN DIST	END DIST	THICKNESS	BEGIN DEPTH	END DEPTH	MATERIAL
(ft)	(ft)	(in)	(in)	(in)	
0.000	521.333	0.598	33.962	33.962	A36

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LOCATION (ft)	THICKNESS (in)	WIDTH (in)	MATERIAL
0.667	0.3750	6.000	A7
13.281	0.3750	6.000	A7
33.281	0.3750	6.000	A7
53.281	0.3750	6.000	A7
73.281	0.3750	6.000	A7
93.281	0.3750	6.000	A7
113.281	0.3750	6.000	A7
133.281	0.3750	6.000	A7
153.281	0.3750	6.000	A7
173.281	0.3750	6.000	A7
193.281	0.3750	6.000	A7
213.281	0.3750	6.000	A7
233.281	0.3750	6.000	A7
253.281	0.3750	6.000	A7
273.281	0.3750	6.000	A7
293.281	0.3750	6.000	A7
313.281	0.3750	6.000	A7
333.281	0.3750	6.000	A7
353.281	0.3750	6.000	A7

----- GIRDER 4 DATA

GIRDER 4 LABEL: Beam-4 (Continued)

TRANSVERSE STIFFENER DATA:

LOCATION (ft)	THICKNESS (ft)	WIDTH (in)	MATERIAL
373.281	0.3750	6.000	A7
393.281	0.3750	6.000	A7
413.281	0.3750	6.000	A7
433.281	0.3750	6.000	A7
453.281	0.3750	6.000	A7
473.281	0.3750	6.000	A7
498.281	0.3750	6.000	A7
520.667	0.3750	6.000	A7

COMPOSITE NEGATIVE MOMENT STEEL:

BEGIN	END	TOP LAYER	TOP LAYER	BTM LAYER	BTM LAYER	TOTAL	
DIST	DIST	BAR AREA	DIST c	BAR AREA	DIST c	AREA	MATERIAL
(ft)	(ft)	(in ²)	(in)	(in ²)	(in)	(in ²)	
0.000	521.333	0.00	0.000	0.00	0.000	0.00	None

Note: Distance c is measured from top of web upward to CL of each bar layer.

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----- GIRDER  5  DATA
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GIRDER 5 LABEL: Beam-5

SHAPE: I-Section

TOP FLANGE PLATE DATA:

BEGIN DIST	END DIST	THICKNESS	WIDTH	MATERIAL
(ft)	(ft)	(in)	(in)	
0.000	50.667	0.794	11.945	A36
50.667	62.667	1.358	11.589	A36
62.667	127.667	0.794	11.945	A36
127.667	145.667	1.715	11.363	A36
145.667	207.667	0.794	11.945	A36
207.667	225.667	1.715	11.363	A36
225.667	287.667	0.794	11.945	A36
287.667	305.667	1.715	11.363	A36
305.667	367.667	0.794	11.945	A36
367.667	385.667	1.715	11.363	A36
385.667	448.667	0.794	11.945	A36
448.667	464.667	1.595	11.433	A36
464.667	521.333	0.794	11.945	A36

BOTTOM FLANGE PLATE DATA:

BEGIN DIST	END DIST	THICKNESS	WIDTH	MATERIAL
(ft)	(ft)	(in)	(in)	
0.000	50.667	0.794	11.945	A36
50.667	62.667	1.358	11.589	A36
62.667	127.667	0.794	11.945	A36
127.667	145.667	1.715	11.363	A36
145.667	207.667	0.794	11.945	A36
207.667	225.667	1.715	11.363	A36
225.667	287.667	0.794	11.945	A36
287.667	305.667	1.715	11.363	A36
305.667	367.667	0.794	11.945	A36
367.667	385.667	1.715	11.363	A36
385.667	448.667	0.794	11.945	A36
448.667	464.667	1.595	11.433	A36
464.667	521.333	0.794	11.945	A36

GIRDER 5 LABEL: Beam-5 (Continued)

BEGIN DIST	END DIST	THICKNESS	BEGIN DEPTH	END DEPTH	MATERIAL
(ft)	(ft)	(in)	(in)	(in)	
0.000	521.333	0.598	33.962	33.962	A36

LOCATION (ft)	THICKNESS (in)	WIDTH (in)	MATERIAL
0.667	0.3750	6.000	A7
9.896	0.3750	6.000	A7
29.896	0.3750	6.000	A7
49.896	0.3750	6.000	A7
69.896	0.3750	6.000	A7
89.896	0.3750	6.000	A7
109.896	0.3750	6.000	A7
129.896	0.3750	6.000	A7
149.896	0.3750	6.000	A7
169.896	0.3750	6.000	A7
189.896	0.3750	6.000	A7
209.896	0.3750	6.000	A7
229.896	0.3750	6.000	A7
249.896	0.3750	6.000	A7
269.896	0.3750	6.000	A7
289.896	0.3750	6.000	A7
309.896	0.3750	6.000	A7
329.896	0.3750	6.000	A7
349.896	0.3750	6.000	A7
369.896	0.3750	6.000	A7
389.896	0.3750	6.000	A7
409.896	0.3750	6.000	A7
429.896	0.3750	6.000	A7
449.896	0.3750	6.000	A7
469.896	0.3750	6.000	A7
494.896	0.3750	6.000	A7
520.667	0.3750	6.000	A7

COMPOSITE NEGATIVE MOMENT TABLE		TOP	TOP	BTM	BTM		
BEGIN	END	LAYER	LAYER	LAYER	LAYER	TOTAL	
DIST	DIST	BAR AREA	DIST c	BAR AREA	DIST c	AREA	MATERIAL
(ft)	(ft)	(in ²)	(in)	(in ²)	(in)	(in ²)	
0.000	521.333	0.00	0.000	0.00	0.000	0.00	None

Note: Distance c is measured from top of web upward to CL of each bar layer.

SLAB 1 LABEL: Deck Slab

```
THICKNESS:      6.750 (in)
MATERIAL:       3000
HAUNCH WIDTH:   0.000 (in)
HAUNCH THICK:   1.000 (in)
```

THICKNESS: 0.000 (in)
MATERIAL: None

FUTURE WEARING SURFACE:
(Applied Curb to Curb Only)
THICKNESS: 2.000 (in)
WEIGHT: 23.300 (psf)

REDUCTION FOR WEAR: 0.000 (in)

TOP LAYER BAR AREA (in ² /ft)	TOP LAYER DISTANCE (in)	BTM LAYER BAR AREA (in ² /ft)	BTM LAYER DISTANCE (in)	TOTAL AREA (in ² /ft)	TOTAL AREA %	MATERIAL
0.45	2.438	0.32	1.938	0.76	0.943	Grade 40

----- DIAPHRAGM DATA

DIAPHRAGM DATA:

AX: 10.6 (in²) IX: 0.5 (in⁴) IZ: 448.0 (in⁴)

DIAPHRAGM LOCATIONS, GIRDER 1:

0.667	GIRDER	2	2
23.436	GIRDER	2	1
43.436	GIRDER	2	2
56.667	GIRDER	2	2
63.436	GIRDER	2	1
83.436	GIRDER	2	2
103.436	GIRDER	2	1
123.436	GIRDER	2	2
136.667	GIRDER	2	2
143.436	GIRDER	2	1
163.436	GIRDER	2	2
183.436	GIRDER	2	1
203.436	GIRDER	2	2
216.667	GIRDER	2	2
223.436	GIRDER	2	1
243.436	GIRDER	2	2
263.436	GIRDER	2	1
283.436	GIRDER	2	2
296.667	GIRDER	2	2
303.436	GIRDER	2	1
323.436	GIRDER	2	2
343.436	GIRDER	2	1
363.436	GIRDER	2	2
376.667	GIRDER	2	2
383.436	GIRDER	2	1
403.436	GIRDER	2	2
423.436	GIRDER	2	1
443.436	GIRDER	2	2
456.667	GIRDER	2	2
463.436	GIRDER	2	1
483.436	GIRDER	2	2
503.436	GIRDER	2	1
520.667	GIRDER	2	2

DIAPHRAGM LOCATIONS, GIRDER 2:

0.667	GIRDER	1	2	GIRDER	3	2
20.051	GIRDER	1	1	GIRDER	3	1
40.051	GIRDER	1	2	GIRDER	3	2
56.667	GIRDER	1	2	GIRDER	3	2
60.051	GIRDER	1	1	GIRDER	3	1
80.051	GIRDER	1	2	GIRDER	3	2
100.051	GIRDER	1	1	GIRDER	3	1
120.051	GIRDER	1	2	GIRDER	3	2
136.667	GIRDER	1	2	GIRDER	3	2
140.051	GIRDER	1	1	GIRDER	3	1
160.051	GIRDER	1	2	GIRDER	3	2
180.051	GIRDER	3	1	GIRDER	1	1
200.051	GIRDER	1	2	GIRDER	3	2
216.667	GIRDER	1	2	GIRDER	3	2
220.051	GIRDER	3	1	GIRDER	1	1
240.051	GIRDER	1	2	GIRDER	3	2

----- DIAPHRAGM DATA -----

DIAPHRAGM LOCATIONS, GIRDER 2: (Continued)

GIRDER 2 DISTANCE (ft)	CONNECTED TO	TYPE	CONNECTED TO	TYPE
260.051	GIRDER 3	1	GIRDER 1	1
280.051	GIRDER 1	2	GIRDER 3	2
296.667	GIRDER 3	2	GIRDER 1	2
300.051	GIRDER 3	1	GIRDER 1	1
320.051	GIRDER 1	2	GIRDER 3	2
340.051	GIRDER 3	1	GIRDER 1	1
360.051	GIRDER 1	2	GIRDER 3	2
376.667	GIRDER 3	2	GIRDER 1	2
380.051	GIRDER 3	1	GIRDER 1	1
400.051	GIRDER 1	2	GIRDER 3	2
420.051	GIRDER 3	1	GIRDER 1	1
440.051	GIRDER 3	2	GIRDER 1	2
456.667	GIRDER 3	2	GIRDER 1	2
460.051	GIRDER 1	1	GIRDER 3	1
480.051	GIRDER 1	2	GIRDER 3	2
500.051	GIRDER 3	1	GIRDER 1	1
520.667	GIRDER 3	2	GIRDER 1	2

DIAPHRAGM LOCATIONS, GIRDER 3:

GIRDER 3 DISTANCE (ft)	CONNECTED TO	TYPE	CONNECTED TO	TYPE
0.667	GIRDER 2	2	GIRDER 4	2
16.666	GIRDER 2	1	GIRDER 4	1
36.666	GIRDER 2	2	GIRDER 4	2
56.666	GIRDER 2	1	GIRDER 4	1
56.667	GIRDER 2	2	GIRDER 4	2
76.666	GIRDER 2	2	GIRDER 4	2
96.666	GIRDER 2	1	GIRDER 4	1
116.666	GIRDER 2	2	GIRDER 4	2
136.666	GIRDER 2	1	GIRDER 4	1
136.667	GIRDER 2	2	GIRDER 4	2
156.666	GIRDER 2	2	GIRDER 4	2
176.666	GIRDER 4	1	GIRDER 2	1
196.666	GIRDER 2	2	GIRDER 4	2
216.666	GIRDER 4	1	GIRDER 2	1
216.667	GIRDER 2	2	GIRDER 4	2
236.666	GIRDER 2	2	GIRDER 4	2
256.666	GIRDER 4	1	GIRDER 2	1
276.666	GIRDER 2	2	GIRDER 4	2
296.666	GIRDER 4	1	GIRDER 2	1
296.667	GIRDER 4	2	GIRDER 2	2
316.666	GIRDER 2	2	GIRDER 4	2
336.666	GIRDER 4	1	GIRDER 2	1
356.666	GIRDER 2	2	GIRDER 4	2
376.666	GIRDER 4	1	GIRDER 2	1
376.667	GIRDER 4	2	GIRDER 2	2
396.666	GIRDER 2	2	GIRDER 4	2
416.666	GIRDER 4	1	GIRDER 2	1
436.666	GIRDER 4	2	GIRDER 2	2
456.666	GIRDER 2	1	GIRDER 4	1
456.667	GIRDER 2	2	GIRDER 4	2
476.666	GIRDER 2	2	GIRDER 4	2
496.666	GIRDER 2	1		
501.666	GIRDER 4	1		
520.667	GIRDER 4	2	GIRDER 2	2

DIAPHRAGM LOCATIONS, GIRDER 4:

GIRDER 4 DISTANCE (ft)	CONNECTED TO	TYPE	CONNECTED TO	TYPE
0.667	GIRDER 3	2	GIRDER 5	2
13.281	GIRDER 3	1	GIRDER 5	1

----- DIAPHRAGM DATA

DIAPHRAGM LOCATIONS, GIRDER 4: (Continued)

GIRDER 4

DISTANCE (ft)	CONNECTED TO	TYPE	CONNECTED TO	TYPE
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33.281	GIRDER	3	2	GIRDER	5	2
53.281	GIRDER	3	1	GIRDER	5	1
56.667	GIRDER	3	2	GIRDER	5	2
73.281	GIRDER	3	2	GIRDER	5	2
93.281	GIRDER	3	1	GIRDER	5	1
113.281	GIRDER	3	2	GIRDER	5	2
133.281	GIRDER	3	1	GIRDER	5	1
136.667	GIRDER	3	2	GIRDER	5	2
153.281	GIRDER	3	2	GIRDER	5	2
173.281	GIRDER	5	1	GIRDER	3	1
193.281	GIRDER	3	2	GIRDER	5	2
213.281	GIRDER	5	1	GIRDER	3	1
216.667	GIRDER	3	2	GIRDER	5	2
233.281	GIRDER	3	2	GIRDER	5	2
253.281	GIRDER	5	1	GIRDER	3	1
273.281	GIRDER	3	2	GIRDER	5	2
293.281	GIRDER	5	1	GIRDER	3	1
296.667	GIRDER	5	2	GIRDER	3	2
313.281	GIRDER	3	2	GIRDER	5	2
333.281	GIRDER	5	1	GIRDER	3	1
353.281	GIRDER	3	2	GIRDER	5	2
373.281	GIRDER	5	1	GIRDER	3	1
376.667	GIRDER	5	2	GIRDER	3	2
393.281	GIRDER	3	2	GIRDER	5	2
413.281	GIRDER	5	1	GIRDER	3	1
433.281	GIRDER	5	2	GIRDER	3	2
453.281	GIRDER	3	1	GIRDER	5	1
456.667	GIRDER	3	2	GIRDER	5	2
473.281	GIRDER	3	2	GIRDER	5	2
498.281	GIRDER	3	1	GIRDER	5	1
520.667	GIRDER	5	2	GIRDER	3	2

DIAPHRAGM LOCATIONS, GIRDER 5:

GIRDER 5

DISTANCE (ft)	CONNECTED TO	TYPE
------------------	--------------	------

0.667	GIRDER	4	2
9.896	GIRDER	4	1
29.896	GIRDER	4	2
49.896	GIRDER	4	1
56.667	GIRDER	4	2
69.896	GIRDER	4	2
89.896	GIRDER	4	1
109.896	GIRDER	4	2
129.896	GIRDER	4	1
136.667	GIRDER	4	2
149.896	GIRDER	4	2
169.896	GIRDER	4	1
189.896	GIRDER	4	2
209.896	GIRDER	4	1
216.667	GIRDER	4	2
229.896	GIRDER	4	2
249.896	GIRDER	4	1
269.896	GIRDER	4	2
289.896	GIRDER	4	1
296.667	GIRDER	4	2
309.896	GIRDER	4	2
329.896	GIRDER	4	1
349.896	GIRDER	4	2
369.896	GIRDER	4	1
376.667	GIRDER	4	2
389.896	GIRDER	4	2
409.896	GIRDER	4	1

```
----- DIAPHRAGM DATA -----
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DIAPHRAGM LOCATIONS, GIRDER 5: (Continued)

GIRDER 5 DISTANCE (ft)	CONNECTED TO	TYPE
429.896	GIRDER 4	2
449.896	GIRDER 4	1
456.667	GIRDER 4	2
469.896	GIRDER 4	2
494.896	GIRDER 4	1
520.667	GIRDER 4	2

----- MATERIALS DATA -----

STEEL:

TYPE: A36	TYPE: A7	TYPE: Diaphragm
Fy: 36.0 (ksi)	Fy: 33.0 (ksi)	Fy: 0.0 (ksi)
Fu: 58.0 (ksi)	Fu: 60.0 (ksi)	Fu: 0.0 (ksi)
WT: 490.0 (lb/ft ³)	WT: 490.0 (lb/ft ³)	WT: 490.1 (lb/ft ³)
E: 29000 (ksi)	E: 29000 (ksi)	E: 29008 (ksi)
G: 11165 (ksi)	G: 12000 (ksi)	G: 11157 (ksi)

CONCRETE:

```

TYPE:      3000
f'c:       3.0 (ksi)
WT:        150.0 (lb/ft3)
E:         3122 (ksi)
G:         1357 (ksi)
AGGR:      NORMAL

```

REBAR:

```

TYPE:      Grade 40
      Fy:    40.0 (ksi)
      E:    29000 (ksi)

```

----- LOADS DATA -----

USER DEFINED LOADS:

LOAD TYPE LEGEND:

ARMP:	A-DL REMOVABLE FORMS	BFWS:	B-DL FUTURE WEARING SURFACE	LIMP:	LIVE LOAD IMPACT
ASTL:	A-DL STEEL	BIWS:	B-DL INTEGRAL WEARING SURFACE	LXLL:	AUXILIARY LIVE LOAD
ACON:	A-DL CONCRETE	BBAR:	B-DL BARRIERS	LPLL:	PEDESTRIAN LIVE LOAD
ASET:	A-DL SETTLEMENT	BUTL:	B-DL UTILITIES		
AADD:	A-DL ADDITIONAL	BSET:	B-DL SETTLEMENT		
		BADD:	B-DL ADDITIONAL		
		BSWK:	B-DL SIDEWALK		

LOAD NO.	LABEL	TYPE	MEMBER	BEG DIST (ft)	END DIST (ft)	BEG W (k/ft)	END W (k/ft)	CONC P (kips)	CONST STAGE
1	Utilities	AADD	GDR 5	0.000	521.333	0.008	0.008		0
2	Bracing Ext.	ASTL	GDR 5	0.000	521.333	0.006	0.006		0
3	Curb	BBAR	GDR 5	0.000	521.333	0.150	0.150		0
4	Haunch	ACON	GDR 5	0.000	521.333	0.042	0.042		0
5	Railing	BBAR	GDR 5	0.000	521.333	0.097	0.097		0
6	Bracing Ext.	ASTL	GDR 1	0.000	521.333	0.006	0.006		0
7	Curb	BBAR	GDR 1	0.000	521.333	0.150	0.150		0
8	Haunch	ACON	GDR 1	0.000	521.333	0.042	0.042		0
9	Railing	BBAR	GDR 1	0.000	521.333	0.097	0.097		0
10	Utilities	AADD	GDR 1	0.000	521.333	0.008	0.008		0
11	Bracing Int.	ASTL	GDR 2	0.000	521.333	0.011	0.011		0
12	Utilities	AADD	GDR 2	0.000	521.333	0.008	0.008		0
13	Railing	BBAR	GDR 2	0.000	521.333	0.097	0.097		0
14	Haunch	ACON	GDR 2	0.000	521.333	0.042	0.042		0
15	Curb	BBAR	GDR 2	0.000	521.333	0.150	0.150		0
16	Utilities	AADD	GDR 3	0.000	521.333	0.008	0.008		0
17	Railing	BBAR	GDR 3	0.000	521.333	0.097	0.097		0
18	Haunch	ACON	GDR 3	0.000	521.333	0.042	0.042		0
19	Curb	BBAR	GDR 3	0.000	521.333	0.150	0.150		0

----- LOADS DATA -----

USER DEFINED LOADS: (Continued)

LOAD NO.	LABEL	TYPE	MEMBER	BEG DIST (ft)	END DIST (ft)	BEG W (k/ft)	END W (k/ft)	CONC P (kips)	CONST STAGE
20	Bracing Int.	ASTL	GDR 3	0.000	521.333	0.011	0.011		0
21	Utilities	AADD	GDR 4	0.000	521.333	0.008	0.008		0
22	Railing	BBAR	GDR 4	0.000	521.333	0.097	0.097		0
23	Haunch	ACON	GDR 4	0.000	521.333	0.042	0.042		0
24	Curb	BBAR	GDR 4	0.000	521.333	0.150	0.150		0
25	Bracing Int.	ASTL	GDR 4	0.000	521.333	0.011	0.011		0

LOAD MULTIPLIER FACTORS:

LOAD MULTIPLIER LEGEND:

ASTL: A-DL STEEL	BFWS: B-DL FUTURE WEARING SURFACE	LLM: LL DISTRIBUTION FACTOR - MOM
ACON: A-DL CONCRETE	BIWS: B-DL INTEGRAL WEARING SURFACE	LLV: LL DISTRIBUTION FACTOR - SHR
	BBAR: B-DL BARRIERS	LLFM: LL DISTRIBUTION FACTOR - FAT MOM
	BSWK: B-DL SIDEWALKS	LLFV: LL DISTRIBUTION FACTOR - FAT SHR
	LL: VEHICULAR LIVE LOAD	LLOM: OLV, OLO LL DISTRIBUTION FACTOR - MOM
	LLD: LL DISTRIBUTION FACTOR - DISP	LLOV: OLV, OLO LL DISTRIBUTION FACTOR - SHR

MULT NO.	LABEL	TYPE	MEMBER	BEG DIST (ft)	END DIST (ft)	BEG FACTOR	END FACTOR
1	Misc. Steel	ASTL	GDR 5	0.000	521.333	1.150	1.150
2	Misc. Steel	ASTL	GDR 1	0.000	521.333	1.150	1.150
3	Misc. Steel	ASTL	GDR 2	0.000	521.333	1.150	1.150
4	Misc. Steel	ASTL	GDR 3	0.000	521.333	1.150	1.150
5	Misc. Steel	ASTL	GDR 4	0.000	521.333	1.150	1.150

Notes:

- 1) A-DL Steel multiplier is applied to self weight of girders only, not to diaphragms.
- 2) Dead load multipliers are applied ONLY to dead loads automatically computed by the program, not to user defined dead loads.
- 3) Load multipliers not listed are defaulted to 1.0.

LIVE LOAD CASE DATA:

LL CASE NUMBER: 1 LL CASE NAME: HL-93-ED
 IMPACT: Yes

LANE LOAD DATA:

DISTRIBUTED LOAD: 0.640 (k/ft)
 CONCENTRATED LOAD FOR MOMENT: 0.000 (kips)
 CONCENTRATED LOAD FOR SHEAR: 0.000 (kips)

MOVING LOAD PATTERN DATA:

AXLE PATTERN 1

PATTERN TYPE:	Design
DISTANCE (ft)	AXLE LOAD (kips)
0.000	8.000
14.000	32.000
28.000	32.000

 TOTAL WEIGHT = 72.000 (kips) 36.000 (Tons)

AXLE PATTERN 2

PATTERN TYPE:	Design	Fatigue
DISTANCE (ft)	AXLE LOAD (kips)	
0.000	8.000	
14.000	32.000	
44.000	32.000	

 TOTAL WEIGHT = 72.000 (kips) 36.000 (Tons)

----- LOADS DATA

LIVE LOAD CASE DATA: (Continued)

MOVING LOAD PATTERN DATA: (Continued)

AXLE PATTERN	3
PATTERN TYPE:	Design
DISTANCE	AXLE LOAD
(ft)	(kips)
0.000	25.000
4.000	25.000

TOTAL WEIGHT = 50.000 (kips) 25.000 (Tons)

AXLE PATTERN	4	
PATTERN TYPE:	Design	Double Truck
DISTANCE		AXLE LOAD
(ft)		(kips)
0.000		8.000
14.000		32.000
28.000		32.000
78.000		8.000
92.000		32.000
106.000		32.000

TOTAL WEIGHT = 144.000 (kips) 72.000 (Tons)

```
LL CASE NUMBER: 3      LL CASE NAME:  MaineDOT_Config-1
IMPACT:          Yes
```

MOVING LOAD PATTERN DATA:

AXLE PATTERN	1
PATTERN TYPE:	Design
DISTANCE	AXLE LOAD
(ft)	(kips)
0.000	10.000
10.000	20.000
14.000	20.000
34.000	16.700
38.000	16.700
42.000	16.600

TOTAL WEIGHT = 100.000 (kips) 50.000 (Tons)

AXLE PATTERN	2	
PATTERN TYPE:	Design	Double Truck
DISTANCE	AXLE LOAD	
(ft)	(kips)	
0.000	11.110	
10.000	22.220	
14.000	22.220	
34.000	18.550	
38.000	18.550	
42.000	18.440	
72.000	11.110	
82.000	22.220	
86.000	22.220	
106.000	18.550	
110.000	18.550	
114.000	18.440	

TOTAL WEIGHT = 222.180 (kips) 111.090 (Tons)

LL CASE NUMBER: 4 LL CASE NAME: MaineDOT_Config-2
IMPACT: Yes

----- LOADS DATA

LIVE LOAD CASE DATA: (Continued)

MOVING LOAD PATTERN DATA:

AXLE PATTERN	1
PATTERN TYPE:	Design
DISTANCE	AXLE LOAD
(ft)	(kips)
0.000	10.000
10.000	16.600
14.000	16.700
18.000	16.700
28.000	17.000
48.333	17.000

TOTAL WEIGHT = 94.000 (kips) 47.000 (Tons)

AXLE PATTERN 2

PATTERN TYPE:	Design	Double	Truck
DISTANCE	AXLE LOAD		
(ft)	(kips)		
0.000	11.110		
10.000	18.440		
14.000	18.550		
18.000	18.550		
28.000	18.890		
48.333	18.890		
78.333	11.110		
88.333	18.440		
92.333	18.550		
96.333	18.550		
106.333	18.890		
126.666	18.890		

TOTAL WEIGHT = 208.860 (kips) 104.430 (Tons)

LL CASE NUMBER: 5 LL CASE NAME: MaineDOT_Config-3
IMPACT: Yes

MOVING LOAD PATTERN DATA:

AXLE PATTERN	1
PATTERN TYPE:	Design
DISTANCE	AXLE LOAD
(ft)	(kips)
0.000	10.000
10.000	16.600
14.000	16.700
18.000	16.700
30.000	14.000
34.000	14.000

TOTAL WEIGHT = 88.000 (kips) 44.000 (Tons)

----- LOADS DATA

LIVE LOAD CASE DATA: (Continued)

MOVING LOAD PATTERN DATA: (Continued)

AXLE PATTERN	2	
PATTERN TYPE:	Design	Double Truck
DISTANCE	AXLE LOAD	
(ft)	(kips)	
0.000	11.110	
10.000	18.440	
14.000	18.550	
18.000	18.550	
30.000	15.556	
34.000	15.556	
64.000	11.110	
74.000	18.440	
78.000	18.550	
82.000	18.550	
94.000	15.556	
98.000	15.556	

TOTAL WEIGHT = 195.524 (kips) 97.762 (Tons)

```
LL CASE NUMBER: 6      LL CASE NAME:  MaineDOT_Config-4
IMPACT:          Yes
```

MOVING LOAD PATTERN DATA:

AXLE PATTERN	1
PATTERN TYPE:	Design
DISTANCE	AXLE LOAD
(ft)	(kips)
0.000	10.000
10.000	16.100
20.000	24.200
30.000	18.900
34.000	18.800

TOTAL WEIGHT = 88.000 (kips) 44.000 (Tons)

AXLE PATTERN	2	
PATTERN TYPE:	Design	Double Truck
DISTANCE		AXLE LOAD
(ft)		(kips)
0.000		11.110
10.000		17.890
20.000		26.890
30.000		21.000
34.000		20.890
64.000		11.110
74.000		17.890
84.000		26.890
94.000		21.000
98.000		20.890

TOTAL WEIGHT = 195.560 (kips) 97.780 (Tons)

```
LL CASE NUMBER: 7      LL CASE NAME:  MaineDOT_Config-5
IMPACT:          Yes
```

----- LOADS DATA

LIVE LOAD CASE DATA: (Continued)

MOVING LOAD PATTERN DATA:

```

AXLE PATTERN      1
  PATTERN TYPE:  Design
    DISTANCE      AXLE LOAD
      (ft)         (kips)
    0.000         10.000
   10.000         22.000
   14.000         22.000
   30.000         17.000
   34.000         17.000

```

TOTAL WEIGHT = 88.000 (kips) 44.000 (Tons)

AXLE PATTERN 2

PATTERN TYPE:	Design	Double	Truck
DISTANCE	AXLE LOAD		
(ft)	(kips)		
0.000	11.110		
10.000	24.440		
14.000	24.440		
30.000	18.890		
34.000	18.890		
64.000	11.110		
74.000	24.440		
78.000	24.440		
94.000	18.890		
98.000	18.890		

TOTAL WEIGHT = 195.540 (kips) 97.770 (Tons)

```
LL CASE NUMBER: 8      LL CASE NAME:  MaineDOT_Config-6
IMPACT:          Yes
```

MOVING LOAD PATTERN DATA:

AXLE PATTERN	1
PATTERN TYPE:	Design
DISTANCE	AXLE LOAD
(ft)	(kips)
0.000	11.900
9.000	21.300
13.000	21.400
17.000	21.300

TOTAL WEIGHT = 75.900 (kips) 37.950 (Tons)

AXLE PATTERN 2

PATTERN TYPE:	Design	Double	Truck
DISTANCE	AXLE LOAD		
(ft)	(kips)		
0.000	13.220		
9.000	23.670		
13.000	23.770		
17.000	23.670		
47.000	13.220		
56.000	23.670		
60.000	23.770		
64.000	23.670		

TOTAL WEIGHT = 168.660 (kips) 84.330 (Tons)

LL CASE NUMBER: 9 LL CASE NAME: MaineDOT_Config-7
IMPACT: Yes

----- LOADS DATA -----

LIVE LOAD CASE DATA: (Continued)

MOVING LOAD PATTERN DATA:

AXLE PATTERN 1
 PATTERN TYPE: Design
 DISTANCE AXLE LOAD
 (ft) (kips)
 0.000 13.400
 10.000 23.000
 14.000 23.000

 TOTAL WEIGHT = 59.400 (kips) 29.700 (Tons)

AXLE PATTERN 2
 PATTERN TYPE: Design Double Truck
 DISTANCE AXLE LOAD
 (ft) (kips)
 0.000 14.890
 10.000 25.560
 14.000 25.560
 44.000 14.890
 54.000 25.560
 58.000 25.560

 TOTAL WEIGHT = 132.020 (kips) 66.010 (Tons)

LL CASE NUMBER: 10 LL CASE NAME: MaineDOT_Config-8
 IMPACT: Yes

MOVING LOAD PATTERN DATA:

AXLE PATTERN 1
 PATTERN TYPE: Design
 DISTANCE AXLE LOAD
 (ft) (kips)
 0.000 13.200
 10.000 24.200

 TOTAL WEIGHT = 37.400 (kips) 18.700 (Tons)

AXLE PATTERN 2
 PATTERN TYPE: Design Double Truck
 DISTANCE AXLE LOAD
 (ft) (kips)
 0.000 14.670
 10.000 26.890
 40.000 14.670
 50.000 26.890

 TOTAL WEIGHT = 83.120 (kips) 41.560 (Tons)

CALCULATED B-DEAD LOAD DATA:

GIRDER	BEG DIST (ft)	END DIST (ft)	NUM GIRD	B-DL BARRIERS		B-DL FWS		B-DL IWS		B-DL SIDEWALKS	
				BEG W (k/ft)	END W (k/ft)	BEG W (k/ft)	END W (k/ft)	BEG W (k/ft)	END W (k/ft)	BEG W (k/ft)	END W (k/ft)
1	0.000	0.250	1	0.000	0.000	0.048	0.059	0.000	0.000	0.000	0.000
1	0.250	3.385	1	0.000	0.000	0.059	0.059	0.000	0.000	0.000	0.000
1	3.385	6.770	2	0.000	0.000	0.030	0.030	0.000	0.000	0.000	0.000
1	6.770	10.155	3	0.000	0.000	0.020	0.020	0.000	0.000	0.000	0.000
1	10.155	13.290	4	0.000	0.000	0.015	0.015	0.000	0.000	0.000	0.000
1	13.290	13.540	4	0.000	0.000	0.151	0.151	0.000	0.000	0.000	0.000
1	13.540	521.333	5	0.000	0.000	0.121	0.121	0.000	0.000	0.000	0.000
2	0.000	0.667	2	0.000	0.000	0.073	0.088	0.000	0.000	0.000	0.000
2	0.667	3.385	2	0.000	0.000	0.088	0.151	0.000	0.000	0.000	0.000
2	3.385	3.467	3	0.000	0.000	0.101	0.102	0.000	0.000	0.000	0.000
2	3.467	6.267	3	0.000	0.000	0.102	0.145	0.000	0.000	0.000	0.000
2	6.267	6.770	3	0.000	0.000	0.146	0.153	0.000	0.000	0.000	0.000

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- LOADS DATA -----

CALCULATED B-DEAD LOAD DATA:

GIRDER	BEG DIST	END DIST	NUM GIRD	B-DL BARRIERS		B-DL FWS		B-DL IWS		B-DL SIDEWALKS	
				BEG W	END W	BEG W	END W	BEG W	END W	BEG W	END W
	(ft)	(ft)		(k/ft)	(k/ft)	(k/ft)	(k/ft)	(k/ft)	(k/ft)	(k/ft)	(k/ft)
2	6.770	9.067	4	0.000	0.000	0.115	0.142	0.000	0.000	0.000	0.000
2	9.067	9.905	4	0.000	0.000	0.142	0.151	0.000	0.000	0.000	0.000
2	9.905	10.155	4	0.000	0.000	0.151	0.151	0.000	0.000	0.000	0.000
2	10.155	517.948	5	0.000	0.000	0.121	0.121	0.000	0.000	0.000	0.000
2	517.948	518.199	4	0.000	0.000	0.151	0.151	0.000	0.000	0.000	0.000
2	518.199	520.667	4	0.000	0.000	0.151	0.123	0.000	0.000	0.000	0.000
2	520.667	521.333	4	0.000	0.000	0.123	0.115	0.000	0.000	0.000	0.000
3	0.000	0.667	3	0.000	0.000	0.101	0.111	0.000	0.000	0.000	0.000
3	0.667	3.385	3	0.000	0.000	0.111	0.153	0.000	0.000	0.000	0.000
3	3.385	3.467	4	0.000	0.000	0.115	0.116	0.000	0.000	0.000	0.000
3	3.467	6.267	4	0.000	0.000	0.116	0.148	0.000	0.000	0.000	0.000
3	6.267	6.520	4	0.000	0.000	0.149	0.151	0.000	0.000	0.000	0.000
3	6.520	6.770	4	0.000	0.000	0.151	0.151	0.000	0.000	0.000	0.000
3	6.770	514.563	5	0.000	0.000	0.121	0.121	0.000	0.000	0.000	0.000
3	514.563	514.814	4	0.000	0.000	0.151	0.151	0.000	0.000	0.000	0.000
3	514.814	517.467	4	0.000	0.000	0.151	0.121	0.000	0.000	0.000	0.000
3	517.467	517.948	4	0.000	0.000	0.121	0.115	0.000	0.000	0.000	0.000
3	517.948	520.667	3	0.000	0.000	0.153	0.111	0.000	0.000	0.000	0.000
3	520.667	521.333	3	0.000	0.000	0.111	0.101	0.000	0.000	0.000	0.000
4	0.000	0.667	4	0.000	0.000	0.115	0.123	0.000	0.000	0.000	0.000
4	0.667	3.135	4	0.000	0.000	0.123	0.151	0.000	0.000	0.000	0.000
4	3.135	3.385	4	0.000	0.000	0.151	0.151	0.000	0.000	0.000	0.000
4	3.385	511.178	5	0.000	0.000	0.121	0.121	0.000	0.000	0.000	0.000
4	511.178	511.429	4	0.000	0.000	0.151	0.151	0.000	0.000	0.000	0.000
4	511.429	514.267	4	0.000	0.000	0.151	0.119	0.000	0.000	0.000	0.000
4	514.267	514.563	4	0.000	0.000	0.118	0.115	0.000	0.000	0.000	0.000
4	514.563	517.467	3	0.000	0.000	0.153	0.109	0.000	0.000	0.000	0.000
4	517.467	517.948	3	0.000	0.000	0.108	0.101	0.000	0.000	0.000	0.000
4	517.948	520.667	2	0.000	0.000	0.151	0.088	0.000	0.000	0.000	0.000
4	520.667	521.333	2	0.000	0.000	0.088	0.073	0.000	0.000	0.000	0.000
5	0.000	507.793	5	0.000	0.000	0.121	0.121	0.000	0.000	0.000	0.000
5	507.793	508.044	4	0.000	0.000	0.151	0.151	0.000	0.000	0.000	0.000
5	508.044	511.178	4	0.000	0.000	0.015	0.015	0.000	0.000	0.000	0.000
5	511.178	514.563	3	0.000	0.000	0.020	0.020	0.000	0.000	0.000	0.000
5	514.563	517.948	2	0.000	0.000	0.030	0.030	0.000	0.000	0.000	0.000
5	517.948	521.083	1	0.000	0.000	0.059	0.059	0.000	0.000	0.000	0.000
5	521.083	521.333	1	0.000	0.000	0.059	0.048	0.000	0.000	0.000	0.000

----- GIRDER 1 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
T = 20th POINT C = CONTRAFLEXURE(0 MOMENT OR 0 SHEAR)
H = HINGE G = GIRDER OR SLAB DIMENSION CHANGE
S = FIELD SPLICE P = TRACE POINT
F = FLOORBEAM (BRACED) M = PANEL MIDPOINT

* * * INPUT DATA SUMMARY - GIRDER 1 * * *

SPAN FRAC	DIST (ft)	CODES												TOP FLANGE		BOT FLANGE		WEB		SLAB	
		B	H	T	C	G	S	D	F	P	M			THICK	WIDTH	THICK	WIDTH	DEPTH	THICK	WIDTH	WIDTH
														t	w	t	w	d	t	Wg	We
														(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)
0.000	0.000			T										0.7940	11.945	0.7940	11.945	33.962	0.5980	24.52	24.52
1.000	0.667	B						D						0.7940	11.945	0.7940	11.945	33.962	0.5980	40.43	40.43
1.000	0.667	B				G		D						0.7940	11.945	0.7940	11.945	33.962	0.5980	40.47	40.47
1.000	0.678				C									0.7940	11.945	0.7940	11.945	33.962	0.5980	40.75	40.75
1.000	0.678				C									0.7940	11.945	0.7940	11.945	33.962	0.5980	40.75	40.75
1.049	3.385													0.7940	11.945	0.7940	11.945	33.962	0.5980	105.48	105.48
1.049	3.385					G								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
1.050	3.467			T										0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
1.100	6.267			T										0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
1.109	6.770													0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00

----- GIRDER 1 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
 T = 20th POINT C = CONTRAFLEXURE(0 MOMENT OR 0 SHEAR)
 H = HINGE G = GIRDER OR SLAB DIMENSION CHANGE
 S = FIELD SPLICE P = TRACE POINT
 F = FLOORBEAM (BRACED) M = PANEL MIDPOINT

* * * INPUT DATA SUMMARY - GIRDER 1 * * *

SPAN FRAC	DIST (ft)	CODES											TOP FLANGE		BOT FLANGE		WEB		SLAB		
		B	H	T	C	G	S	D	F	P	M		THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)	
1.150	9.067			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.169	10.155												0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.200	11.867			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.203	12.051										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.230	13.540												0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.248	14.564												0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.250	14.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.300	17.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.350	20.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.352	20.361				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.400	23.067			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.407	23.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.450	25.867			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.500	28.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.550	31.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.585	33.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.600	34.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.650	37.067			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.686	39.109				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.700	39.867			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.750	42.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.764	43.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.800	45.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.850	48.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.882	50.051										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.893	50.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
1.893	50.667					G							1.3580	11.589	1.3580	11.589	33.962	0.5980	65.00	65.00	
1.900	51.067			T									1.3580	11.589	1.3580	11.589	33.962	0.5980	65.00	65.00	
1.950	53.867			T									1.3580	11.589	1.3580	11.589	33.962	0.5980	65.00	65.00	
2.000	56.667	B		T				D					1.3580	11.589	1.3580	11.589	33.962	0.5980	65.00	65.00	
2.000	56.667	B		T				D					1.3580	11.589	1.3580	11.589	33.962	0.5980	65.00	65.00	
2.042	60.051										M		1.3580	11.589	1.3580	11.589	33.962	0.5980	65.00	65.00	
2.050	60.667			T									1.3580	11.589	1.3580	11.589	33.962	0.5980	65.00	65.00	
2.075	62.667					G							1.3580	11.589	1.3580	11.589	33.962	0.5980	65.00	65.00	
2.075	62.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.085	63.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.100	64.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.150	68.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.200	72.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.202	72.818				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.210	73.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.250	76.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.300	80.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.335	83.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.350	84.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.400	88.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.450	92.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.460	93.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.485	95.495				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.500	96.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.550	100.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.585	103.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.600	104.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.650	108.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.700	112.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	

----- GIRDER 1 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
 T = 20th POINT C = CONTRAFLEXURE(0 MOMENT OR 0 SHEAR)
 H = HINGE G = GIRDER OR SLAB DIMENSION CHANGE
 S = FIELD SPLICE P = TRACE POINT
 F = FLOORBEAM (BRACED) M = PANEL MIDPOINT

* * * INPUT DATA SUMMARY - GIRDER 1 * * *

SPAN FRAC	DIST (ft)	CODES											TOP FLANGE		BOT FLANGE		WEB		SLAB		
		B	H	T	C	G	S	D	F	P	M		THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)	
2.710	113.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.750	116.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.766	117.937				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.800	120.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.835	123.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.850	124.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.888	127.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
2.888	127.667					G							1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
2.900	128.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
2.917	130.051										M		1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
2.950	132.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.000	136.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.000	136.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.042	140.051										M		1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.050	140.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.085	143.436							D					1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.100	144.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.113	145.667					G							1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.113	145.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.150	148.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.200	152.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.210	153.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.249	156.575				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.250	156.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.300	160.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.335	163.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.350	164.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.400	168.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.450	172.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.460	173.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.500	176.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.510	177.480				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.550	180.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.585	183.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.600	184.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.650	188.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.700	192.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.710	193.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.750	196.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.765	197.858				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.800	200.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.835	203.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.850	204.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.887	207.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
3.887	207.667					G							1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.900	208.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.917	210.051										M		1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
3.950	212.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
4.000	216.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
4.000	216.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
4.042	220.051										M		1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
4.050	220.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
4.085	223.436							D					1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
4.100	224.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	

----- GIRDER 1 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
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* * * INPUT DATA SUMMARY - GIRDER 1 * * *

SPAN FRAC	DIST (ft)	CODES										TOP FLANGE		BOT FLANGE		WEB		SLAB	
		B	H	T	C	G	S	D	F	P	M	THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)
4.112	225.667					G						1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
4.112	225.667					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.150	228.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.200	232.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.210	233.436									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.234	235.416				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.250	236.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.300	240.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.335	243.436							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.350	244.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.400	248.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.450	252.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.460	253.436									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.500	256.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.503	256.877				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.550	260.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.585	263.436							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.600	264.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.650	268.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.700	272.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.710	273.436									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.750	276.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.765	277.892				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.800	280.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.835	283.436							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.850	284.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.887	287.667					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
4.887	287.667					G						1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
4.900	288.667			T								1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
4.917	290.051									M		1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
4.950	292.667			T								1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
5.000	296.667	B		T				D				1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
5.000	296.667	B		T				D				1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
5.042	300.051									M		1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
5.050	300.667			T								1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
5.085	303.436							D				1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
5.100	304.667			T								1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
5.112	305.667					G						1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00
5.112	305.667					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.150	308.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.200	312.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.210	313.436									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.239	315.776				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.250	316.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.300	320.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.335	323.436							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.350	324.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.400	328.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.450	332.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.460	333.436									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.500	336.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.504	337.022				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.550	340.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.585	343.436							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
5.600	344.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00

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* * * INPUT DATA SUMMARY - GIRDER 1 * * *

SPAN FRAC	DIST (ft)	CODES											TOP FLANGE		BOT FLANGE		WEB		SLAB		
		B	H	T	C	G	S	D	F	P	M		THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)	
5.650	348.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
5.700	352.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
5.710	353.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
5.750	356.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
5.764	357.803				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
5.800	360.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
5.835	363.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
5.850	364.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
5.888	367.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
5.888	367.667					G							1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
5.900	368.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
5.917	370.051										M		1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
5.950	372.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
6.000	376.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
6.000	376.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
6.042	380.051										M		1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
6.050	380.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
6.085	383.436							D					1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
6.100	384.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
6.112	385.667					G							1.7150	11.363	1.7150	11.363	33.962	0.5980	65.00	65.00	
6.112	385.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.150	388.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.200	392.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.210	393.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.237	395.651												0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.250	396.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.300	400.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.335	403.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.350	404.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.400	408.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.450	412.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.460	413.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.500	416.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.506	417.138												0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.550	420.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.585	423.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.600	424.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.650	428.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.700	432.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.710	433.436										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.750	436.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.769	438.152												0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.800	440.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.835	443.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.850	444.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.900	448.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00	
6.900	448.667			T		G							1.5950	11.433	1.5950	11.433	33.962	0.5980	65.00	65.00	
6.917	450.051										M		1.5950	11.433	1.5950	11.433	33.962	0.5980	65.00	65.00	
6.950	452.667			T									1.5950	11.433	1.5950	11.433	33.962	0.5980	65.00	65.00	
7.000	456.667	B		T				D					1.5950	11.433	1.5950	11.433	33.962	0.5980	65.00	65.00	
7.000	456.667	B		T				D					1.5950	11.433	1.5950	11.433	33.962	0.5980	65.00	65.00	
7.050	459.867			T									1.5950	11.433	1.5950	11.433	33.962	0.5980	65.00	65.00	
7.053	460.051										M		1.5950	11.433	1.5950	11.433	33.962	0.5980	65.00	65.00	
7.100	463.067			T									1.5950	11.433	1.5950	11.433	33.962	0.5980	65.00	65.00	

----- GIRDER 1 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
 T = 20th POINT C = CONTRAFLEXURE(0 MOMENT OR 0 SHEAR)
 H = HINGE G = GIRDER OR SLAB DIMENSION CHANGE
 S = FIELD SPLICE P = TRACE POINT
 F = FLOORBEAM (BRACED) M = PANEL MIDPOINT

* * * INPUT DATA SUMMARY - GIRDER 1 * * *

SPAN FRAC	DIST (ft)	CODES											TOP FLANGE		BOT FLANGE		WEB		SLAB	
		B	H	T	C	G	S	D	F	P	M		THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)
7.106	463.436							D					1.5950	11.433	1.5950	11.433	33.962	0.5980	65.00	65.00
7.125	464.667					G							1.5950	11.433	1.5950	11.433	33.962	0.5980	65.00	65.00
7.125	464.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.150	466.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.200	469.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.250	472.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.262	473.436									M			0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.281	474.643					C							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.300	475.867			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.350	479.067			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.400	482.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.418	483.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.450	485.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.500	488.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.550	491.867			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.575	493.436									M			0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.600	495.067			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.643	497.789					C							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.650	498.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.700	501.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.731	503.436							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.750	504.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.800	507.867			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.850	511.067			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.865	512.051									M			0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.900	514.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.950	517.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.994	520.309					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	65.00	65.00
7.994	520.309												0.7940	11.945	0.7940	11.945	33.962	0.5980	64.98	64.98
8.000	520.667	B		T	C			D					0.7940	11.945	0.7940	11.945	33.962	0.5980	56.47	56.47
8.000	520.667	B		T	C			D					0.7940	11.945	0.7940	11.945	33.962	0.5980	56.43	56.43
9.000	521.333												0.7940	11.945	0.7940	11.945	33.962	0.5980	0.00	0.00

----- SECTION PROPERTIES -----

GIRDER: Beam-1
 NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC FRAC	A (in ²)	Ixx (in ⁴)	Izz (in ⁴)
0.000	39.278	1844.	7682.
1.000	39.278	1844.	7682.
1.000	39.278	1844.	7682.
1.000	39.278	33.	7682.
1.407	39.278	33.	7682.
1.407	39.278	40.	7682.
1.764	39.278	40.	7682.
1.764	39.278	82.	7682.
1.893	39.278	82.	7682.
1.893	51.785	146.	11773.
2.000	51.785	146.	11773.
2.000	51.785	146.	11773.
2.000	51.785	486.	11773.

----- SECTION PROPERTIES -----

GIRDER: Beam-1 (Continued)
 NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC	A	Ixx	Izz
FRAC	(in ²)	(in ⁴)	(in ⁴)
2.075	51.785	486.	11773.
2.075	39.278	293.	7682.
2.085	39.278	293.	7682.
2.085	39.278	40.	7682.
2.835	39.278	40.	7682.
2.835	39.278	82.	7682.
2.888	39.278	82.	7682.
2.888	59.284	195.	14364.
3.000	59.284	195.	14364.
3.000	59.284	195.	14364.
3.000	59.284	607.	14364.
3.085	59.284	607.	14364.
3.085	59.284	112.	14364.
3.113	59.284	112.	14364.
3.113	39.278	40.	7682.
3.835	39.278	40.	7682.
3.835	39.278	82.	7682.
3.887	39.278	82.	7682.
3.887	59.284	195.	14364.
4.000	59.284	195.	14364.
4.000	59.284	195.	14364.
4.000	59.284	607.	14364.
4.085	59.284	607.	14364.
4.085	59.284	112.	14364.
4.112	59.284	112.	14364.
4.112	39.278	40.	7682.
4.835	39.278	40.	7682.
4.835	39.278	82.	7682.
4.887	39.278	82.	7682.
4.887	59.284	195.	14364.
5.000	59.284	195.	14364.
5.000	59.284	195.	14364.
5.000	59.284	607.	14364.
5.085	59.284	607.	14364.
5.085	59.284	112.	14364.
5.112	59.284	112.	14364.
5.112	39.278	40.	7682.
5.835	39.278	40.	7682.
5.835	39.278	82.	7682.
5.888	39.278	82.	7682.
5.888	59.284	195.	14364.
6.000	59.284	195.	14364.
6.000	59.284	195.	14364.
6.000	59.284	607.	14364.
6.085	59.284	607.	14364.
6.085	59.284	112.	14364.
6.112	59.284	112.	14364.
6.112	39.278	40.	7682.
6.835	39.278	40.	7682.
6.835	39.278	82.	7682.
6.900	39.278	82.	7682.
6.900	56.781	177.	13487.
7.000	56.781	177.	13487.
7.000	56.781	177.	13487.
7.000	56.781	565.	13487.
7.106	56.781	565.	13487.
7.106	56.781	100.	13487.
7.125	56.781	100.	13487.

----- SECTION PROPERTIES -----

GIRDER: Beam-1 (Continued)
 NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC	A	Ixx	Izz
FRAC	(in ²)	(in ⁴)	(in ⁴)
7.125	39.278	40.	7682.
7.731	39.278	40.	7682.
7.731	39.278	52.	7682.
8.000	39.278	52.	7682.
8.000	39.278	52.	7682.
8.000	39.278	1844.	7682.
9.000	39.278	1844.	7682.

GIRDER: Beam-1
 INPUT SECTION - NON-COMPOSITE SECTION PROPERTIES

SPAN.LOC	A	Ixx	Izz	Y-TOP	Y-BOT
FRAC	(in ²)	(in ⁴)	(in ⁴)	(in)	(in)
0.000	39.278	7.	7682.	17.775	-17.775
1.000	39.278	7.	7682.	17.775	-17.775
1.000	39.278	7.	7682.	17.775	-17.775
1.893	39.278	7.	7682.	17.775	-17.775
1.893	51.785	22.	11773.	18.339	-18.339
2.000	51.785	22.	11773.	18.339	-18.339
2.000	51.785	22.	11773.	18.339	-18.339
2.075	51.785	22.	11773.	18.339	-18.339
2.075	39.278	7.	7682.	17.775	-17.775
2.888	39.278	7.	7682.	17.775	-17.775
2.888	59.284	41.	14364.	18.696	-18.696
3.000	59.284	41.	14364.	18.696	-18.696
3.000	59.284	41.	14364.	18.696	-18.696
3.113	59.284	41.	14364.	18.696	-18.696
3.113	39.278	7.	7682.	17.775	-17.775
3.887	39.278	7.	7682.	17.775	-17.775
3.887	59.284	41.	14364.	18.696	-18.696
4.000	59.284	41.	14364.	18.696	-18.696
4.000	59.284	41.	14364.	18.696	-18.696
4.112	59.284	41.	14364.	18.696	-18.696
4.112	39.278	7.	7682.	17.775	-17.775
4.887	39.278	7.	7682.	17.775	-17.775
4.887	59.284	41.	14364.	18.696	-18.696
5.000	59.284	41.	14364.	18.696	-18.696
5.000	59.284	41.	14364.	18.696	-18.696
5.112	59.284	41.	14364.	18.696	-18.696
5.112	39.278	7.	7682.	17.775	-17.775
5.888	39.278	7.	7682.	17.775	-17.775
5.888	59.284	41.	14364.	18.696	-18.696
6.000	59.284	41.	14364.	18.696	-18.696
6.000	59.284	41.	14364.	18.696	-18.696
6.112	59.284	41.	14364.	18.696	-18.696
6.112	39.278	7.	7682.	17.775	-17.775
6.900	39.278	7.	7682.	17.775	-17.775
6.900	56.781	34.	13487.	18.576	-18.576
7.000	56.781	34.	13487.	18.576	-18.576
7.000	56.781	34.	13487.	18.576	-18.576
7.125	56.781	34.	13487.	18.576	-18.576
7.125	39.278	7.	7682.	17.775	-17.775
8.000	39.278	7.	7682.	17.775	-17.775
8.000	39.278	7.	7682.	17.775	-17.775

----- SECTION PROPERTIES -----

GIRDER: Beam-1 (Continued)

INPUT SECTION - NON-COMPOSITE SECTION PROPERTIES

SPAN.LOC	A	Ixx	Izz	Y-TOP	Y-BOT
FRAC	(in ²)	(in ⁴)	(in ⁴)	(in)	(in)
9.000	39.278	7.	7682.	17.775	-17.775

GIRDER: Beam-2

NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC	A	Ixx	Izz
FRAC	(in ²)	(in ⁴)	(in ⁴)
0.000	39.278	1844.	7682.
1.000	39.278	1844.	7682.
1.000	39.278	1844.	7682.
1.000	39.278	42.	7682.
1.346	39.278	42.	7682.
1.346	39.278	40.	7682.
1.703	39.278	40.	7682.
1.703	39.278	55.	7682.
1.893	39.278	55.	7682.
1.893	51.785	102.	11773.
2.000	51.785	102.	11773.
2.000	51.785	102.	11773.
2.000	51.785	1865.	11773.
2.042	51.785	1865.	11773.
2.042	51.785	79.	11773.
2.075	51.785	79.	11773.
2.075	39.278	40.	7682.
2.792	39.278	40.	7682.
2.792	39.278	55.	7682.
2.887	39.278	55.	7682.
2.887	59.284	141.	14364.
3.000	59.284	141.	14364.
3.000	59.284	141.	14364.
3.000	59.284	2282.	14364.
3.042	59.284	2282.	14364.
3.042	59.284	112.	14364.
3.112	59.284	112.	14364.
3.112	39.278	40.	7682.
3.792	39.278	40.	7682.
3.792	39.278	55.	7682.
3.887	39.278	55.	7682.
3.887	59.284	141.	14364.
4.000	59.284	141.	14364.
4.000	59.284	141.	14364.
4.000	59.284	2282.	14364.
4.042	59.284	2282.	14364.
4.042	59.284	112.	14364.
4.112	59.284	112.	14364.
4.112	39.278	40.	7682.
4.792	39.278	40.	7682.
4.792	39.278	55.	7682.
4.887	39.278	55.	7682.
4.887	59.284	141.	14364.
5.000	59.284	141.	14364.
5.000	59.284	141.	14364.
5.000	59.284	2282.	14364.
5.042	59.284	2282.	14364.
5.042	59.284	112.	14364.
5.112	59.284	112.	14364.

----- SECTION PROPERTIES -----

GIRDER: Beam-2 (Continued)
 NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC	A	Ixx	Izz
FRAC	(in ²)	(in ⁴)	(in ⁴)
5.112	39.278	40.	7682.
5.792	39.278	40.	7682.
5.792	39.278	55.	7682.
5.888	39.278	55.	7682.
5.888	59.284	141.	14364.
6.000	59.284	141.	14364.
6.000	59.284	141.	14364.
6.000	59.284	2282.	14364.
6.042	59.284	2282.	14364.
6.042	59.284	112.	14364.
6.112	59.284	112.	14364.
6.112	39.278	40.	7682.
6.792	39.278	40.	7682.
6.792	39.278	55.	7682.
6.900	39.278	55.	7682.
6.900	56.781	127.	13487.
7.000	56.781	127.	13487.
7.000	56.781	127.	13487.
7.000	56.781	2141.	13487.
7.053	56.781	2141.	13487.
7.053	56.781	100.	13487.
7.125	56.781	100.	13487.
7.125	39.278	40.	7682.
7.678	39.278	40.	7682.
7.678	39.278	38.	7682.
8.000	39.278	38.	7682.
8.000	39.278	38.	7682.
8.000	39.278	1844.	7682.
9.000	39.278	1844.	7682.

GIRDER: Beam-2
 INPUT SECTION - NON-COMPOSITE SECTION PROPERTIES

SPAN.LOC	A	Ixx	Izz	Y-TOP	Y-BOT
FRAC	(in ²)	(in ⁴)	(in ⁴)	(in)	(in)
0.000	39.278	7.	7682.	17.775	-17.775
1.000	39.278	7.	7682.	17.775	-17.775
1.000	39.278	7.	7682.	17.775	-17.775
1.893	39.278	7.	7682.	17.775	-17.775
1.893	51.785	22.	11773.	18.339	-18.339
2.000	51.785	22.	11773.	18.339	-18.339
2.000	51.785	22.	11773.	18.339	-18.339
2.075	51.785	22.	11773.	18.339	-18.339
2.075	39.278	7.	7682.	17.775	-17.775
2.887	39.278	7.	7682.	17.775	-17.775
2.887	59.284	41.	14364.	18.696	-18.696
3.000	59.284	41.	14364.	18.696	-18.696
3.000	59.284	41.	14364.	18.696	-18.696
3.112	59.284	41.	14364.	18.696	-18.696
3.112	39.278	7.	7682.	17.775	-17.775
3.887	39.278	7.	7682.	17.775	-17.775
3.887	59.284	41.	14364.	18.696	-18.696
4.000	59.284	41.	14364.	18.696	-18.696
4.000	59.284	41.	14364.	18.696	-18.696
4.112	59.284	41.	14364.	18.696	-18.696
4.112	39.278	7.	7682.	17.775	-17.775

----- SECTION PROPERTIES -----

GIRDER: Beam-2 (Continued)

INPUT SECTION - NON-COMPOSITE SECTION PROPERTIES

SPAN.LOC	A	Ixx	Izz	Y-TOP	Y-BOT
FRAC	(in ²)	(in ⁴)	(in ⁴)	(in)	(in)
4.887	39.278	7.	7682.	17.775	-17.775
4.887	59.284	41.	14364.	18.696	-18.696
5.000	59.284	41.	14364.	18.696	-18.696
5.000	59.284	41.	14364.	18.696	-18.696
5.112	59.284	41.	14364.	18.696	-18.696
5.112	39.278	7.	7682.	17.775	-17.775
5.888	39.278	7.	7682.	17.775	-17.775
5.888	59.284	41.	14364.	18.696	-18.696
6.000	59.284	41.	14364.	18.696	-18.696
6.000	59.284	41.	14364.	18.696	-18.696
6.112	59.284	41.	14364.	18.696	-18.696
6.112	39.278	7.	7682.	17.775	-17.775
6.900	39.278	7.	7682.	17.775	-17.775
6.900	56.781	34.	13487.	18.576	-18.576
7.000	56.781	34.	13487.	18.576	-18.576
7.000	56.781	34.	13487.	18.576	-18.576
7.125	56.781	34.	13487.	18.576	-18.576
7.125	39.278	7.	7682.	17.775	-17.775
8.000	39.278	7.	7682.	17.775	-17.775
9.000	39.278	7.	7682.	17.775	-17.775

GIRDER: Beam-3

NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC	A	Ixx	Izz
FRAC	(in ²)	(in ⁴)	(in ⁴)
0.000	39.278	1844.	7682.
1.000	39.278	1844.	7682.
1.000	39.278	1844.	7682.
1.000	39.278	59.	7682.
1.286	39.278	59.	7682.
1.286	39.278	40.	7682.
1.893	39.278	40.	7682.
1.893	51.785	79.	11773.
2.000	51.785	79.	11773.
2.000	51.785	79.	11773.
2.075	51.785	79.	11773.
2.075	39.278	40.	7682.
2.888	39.278	40.	7682.
2.888	59.284	112.	14364.
3.000	59.284	112.	14364.
3.000	59.284	112.	14364.
3.112	59.284	112.	14364.
3.112	39.278	40.	7682.
3.888	39.278	40.	7682.
3.888	59.284	112.	14364.
4.000	59.284	112.	14364.
4.000	59.284	112.	14364.
4.113	59.284	112.	14364.
4.113	39.278	40.	7682.
4.888	39.278	40.	7682.
4.888	59.284	112.	14364.

----- SECTION PROPERTIES -----

GIRDER: Beam-3 (Continued)
 NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC FRAC	A (in ²)	Ixx (in ⁴)	Izz (in ⁴)
5.000	59.284	112.	14364.
5.000	59.284	112.	14364.
5.113	59.284	112.	14364.
5.113	39.278	40.	7682.
5.888	39.278	40.	7682.
5.888	59.284	112.	14364.
6.000	59.284	112.	14364.
6.000	59.284	112.	14364.
6.112	59.284	112.	14364.
6.112	39.278	40.	7682.
6.900	39.278	40.	7682.
6.900	56.781	100.	13487.
7.000	56.781	100.	13487.
7.000	56.781	100.	13487.
7.125	56.781	100.	13487.
7.125	39.278	40.	7682.
7.625	39.278	40.	7682.
7.625	39.278	530.	7682.
7.703	39.278	530.	7682.
7.703	39.278	44.	7682.
8.000	39.278	44.	7682.
8.000	39.278	44.	7682.
8.000	39.278	1844.	7682.
9.000	39.278	1844.	7682.

GIRDER: Beam-3
 INPUT SECTION - NON-COMPOSITE SECTION PROPERTIES

SPAN.LOC FRAC	A (in ²)	Ixx (in ⁴)	Izz (in ⁴)	Y-TOP (in)	Y-BOT (in)
0.000	39.278	7.	7682.	17.775	-17.775
1.000	39.278	7.	7682.	17.775	-17.775
1.000	39.278	7.	7682.	17.775	-17.775
1.893	39.278	7.	7682.	17.775	-17.775
1.893	51.785	22.	11773.	18.339	-18.339
2.000	51.785	22.	11773.	18.339	-18.339
2.000	51.785	22.	11773.	18.339	-18.339
2.075	51.785	22.	11773.	18.339	-18.339
2.075	39.278	7.	7682.	17.775	-17.775
2.888	39.278	7.	7682.	17.775	-17.775
2.888	59.284	41.	14364.	18.696	-18.696
3.000	59.284	41.	14364.	18.696	-18.696
3.000	59.284	41.	14364.	18.696	-18.696
3.112	59.284	41.	14364.	18.696	-18.696
3.112	39.278	7.	7682.	17.775	-17.775
3.888	39.278	7.	7682.	17.775	-17.775
3.888	59.284	41.	14364.	18.696	-18.696
4.000	59.284	41.	14364.	18.696	-18.696
4.000	59.284	41.	14364.	18.696	-18.696
4.113	59.284	41.	14364.	18.696	-18.696
4.113	39.278	7.	7682.	17.775	-17.775
4.888	39.278	7.	7682.	17.775	-17.775
4.888	59.284	41.	14364.	18.696	-18.696
5.000	59.284	41.	14364.	18.696	-18.696

----- SECTION PROPERTIES -----

GIRDER: Beam-3 (Continued)

INPUT SECTION - NON-COMPOSITE SECTION PROPERTIES

SPAN.LOC FRAC	A (in ²)	Ixx (in ⁴)	Izz (in ⁴)	Y-TOP (in)	Y-BOT (in)
5.000	59.284	41.	14364.	18.696	-18.696
5.113	59.284	41.	14364.	18.696	-18.696
5.113	39.278	7.	7682.	17.775	-17.775
5.888	39.278	7.	7682.	17.775	-17.775
5.888	59.284	41.	14364.	18.696	-18.696
6.000	59.284	41.	14364.	18.696	-18.696
6.000	59.284	41.	14364.	18.696	-18.696
6.112	59.284	41.	14364.	18.696	-18.696
6.112	39.278	7.	7682.	17.775	-17.775
6.900	39.278	7.	7682.	17.775	-17.775
6.900	56.781	34.	13487.	18.576	-18.576
7.000	56.781	34.	13487.	18.576	-18.576
7.000	56.781	34.	13487.	18.576	-18.576
7.125	56.781	34.	13487.	18.576	-18.576
7.125	39.278	7.	7682.	17.775	-17.775
8.000	39.278	7.	7682.	17.775	-17.775
8.000	39.278	7.	7682.	17.775	-17.775
9.000	39.278	7.	7682.	17.775	-17.775

GIRDER: Beam-4

NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC FRAC	A (in ²)	Ixx (in ⁴)	Izz (in ⁴)
0.000	39.278	1844.	7682.
1.000	39.278	1844.	7682.
1.000	39.278	1844.	7682.
1.000	39.278	90.	7682.
1.225	39.278	90.	7682.
1.225	39.278	40.	7682.
1.893	39.278	40.	7682.
1.893	51.785	79.	11773.
1.940	51.785	79.	11773.
1.940	51.785	1863.	11773.
2.000	51.785	1863.	11773.
2.000	51.785	1863.	11773.
2.000	51.785	102.	11773.
2.075	51.785	102.	11773.
2.075	39.278	55.	7682.
2.208	39.278	55.	7682.
2.208	39.278	40.	7682.
2.887	39.278	40.	7682.
2.887	59.284	112.	14364.
2.958	59.284	112.	14364.
2.958	59.284	2280.	14364.
3.000	59.284	2280.	14364.
3.000	59.284	2280.	14364.
3.000	59.284	141.	14364.
3.112	59.284	141.	14364.
3.112	39.278	55.	7682.
3.208	39.278	55.	7682.
3.208	39.278	40.	7682.
3.888	39.278	40.	7682.
3.888	59.284	112.	14364.
3.958	59.284	112.	14364.

----- SECTION PROPERTIES -----

GIRDER: Beam-4 (Continued)
 NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC	A	Ixx	Izz
FRAC	(in ²)	(in ⁴)	(in ⁴)
3.958	59.284	2280.	14364.
4.000	59.284	2280.	14364.
4.000	59.284	2280.	14364.
4.000	59.284	141.	14364.
4.112	59.284	141.	14364.
4.112	39.278	55.	7682.
4.208	39.278	55.	7682.
4.208	39.278	40.	7682.
4.887	39.278	40.	7682.
4.887	59.284	112.	14364.
4.958	59.284	112.	14364.
4.958	59.284	2280.	14364.
5.000	59.284	2280.	14364.
5.000	59.284	2280.	14364.
5.000	59.284	141.	14364.
5.112	59.284	141.	14364.
5.112	39.278	55.	7682.
5.208	39.278	55.	7682.
5.208	39.278	40.	7682.
5.888	39.278	40.	7682.
5.888	59.284	112.	14364.
5.958	59.284	112.	14364.
5.958	59.284	2280.	14364.
6.000	59.284	2280.	14364.
6.000	59.284	2280.	14364.
6.000	59.284	141.	14364.
6.112	59.284	141.	14364.
6.112	39.278	55.	7682.
6.208	39.278	55.	7682.
6.208	39.278	40.	7682.
6.900	39.278	40.	7682.
6.900	56.781	100.	13487.
6.958	56.781	100.	13487.
6.958	56.781	2139.	13487.
7.000	56.781	2139.	13487.
7.000	56.781	2139.	13487.
7.000	56.781	127.	13487.
7.125	56.781	127.	13487.
7.125	39.278	55.	7682.
7.260	39.278	55.	7682.
7.260	39.278	29.	7682.
7.650	39.278	29.	7682.
7.650	39.278	34.	7682.
8.000	39.278	34.	7682.
8.000	39.278	34.	7682.
8.000	39.278	1844.	7682.
9.000	39.278	1844.	7682.

GIRDER: Beam-5
 NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC	A	Ixx	Izz
FRAC	(in ²)	(in ⁴)	(in ⁴)
0.000	39.278	1844.	7682.
1.000	39.278	1844.	7682.
1.000	39.278	1844.	7682.

----- SECTION PROPERTIES -----

GIRDER: Beam-5 (Continued)
 NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC	A	Ixx	Izz
FRAC	(in ²)	(in ⁴)	(in ⁴)
1.000	39.278	161.	7682.
1.165	39.278	161.	7682.
1.165	39.278	40.	7682.
1.879	39.278	40.	7682.
1.879	39.278	292.	7682.
1.893	39.278	292.	7682.
1.893	51.785	485.	11773.
2.000	51.785	485.	11773.
2.000	51.785	485.	11773.
2.000	51.785	146.	11773.
2.075	51.785	146.	11773.
2.075	39.278	82.	7682.
2.165	39.278	82.	7682.
2.165	39.278	40.	7682.
2.887	39.278	40.	7682.
2.887	59.284	112.	14364.
2.915	59.284	112.	14364.
2.915	59.284	607.	14364.
3.000	59.284	607.	14364.
3.000	59.284	607.	14364.
3.000	59.284	195.	14364.
3.112	59.284	195.	14364.
3.112	39.278	82.	7682.
3.165	39.278	82.	7682.
3.165	39.278	40.	7682.
3.887	39.278	40.	7682.
3.887	59.284	112.	14364.
3.915	59.284	112.	14364.
3.915	59.284	607.	14364.
4.000	59.284	607.	14364.
4.000	59.284	607.	14364.
4.000	59.284	195.	14364.
4.112	59.284	195.	14364.
4.112	39.278	82.	7682.
4.165	39.278	82.	7682.
4.165	39.278	40.	7682.
4.888	39.278	40.	7682.
4.888	59.284	112.	14364.
4.915	59.284	112.	14364.
4.915	59.284	607.	14364.
5.000	59.284	607.	14364.
5.000	59.284	607.	14364.
5.000	59.284	195.	14364.
5.113	59.284	195.	14364.
5.113	39.278	82.	7682.
5.165	39.278	82.	7682.
5.165	39.278	40.	7682.
5.888	39.278	40.	7682.
5.888	59.284	112.	14364.
5.915	59.284	112.	14364.
5.915	59.284	607.	14364.
6.000	59.284	607.	14364.
6.000	59.284	607.	14364.
6.000	59.284	195.	14364.
6.112	59.284	195.	14364.
6.112	39.278	82.	7682.
6.165	39.278	82.	7682.
6.165	39.278	40.	7682.

----- SECTION PROPERTIES -----

GIRDER: Beam-5 (Continued)
 NON-COMPOSITE SECTION PROPERTIES USED IN ANALYSIS

SPAN.LOC	A	Ixx	Izz
FRAC	(in ²)	(in ⁴)	(in ⁴)
6.900	39.278	40.	7682.
6.900	56.781	100.	13487.
6.915	56.781	100.	13487.
6.915	56.781	565.	13487.
7.000	56.781	565.	13487.
7.000	56.781	565.	13487.
7.000	56.781	177.	13487.
7.125	56.781	177.	13487.
7.125	39.278	82.	7682.
7.207	39.278	82.	7682.
7.207	39.278	29.	7682.
7.597	39.278	29.	7682.
7.597	39.278	27.	7682.
8.000	39.278	27.	7682.
8.000	39.278	27.	7682.
8.000	39.278	1844.	7682.
9.000	39.278	1844.	7682.

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Based on Input Section) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
0.000	0	0	0	1	0	0	0	0	1	-1		
0.625	0	0	0	1	0	0	0	0	1	-1		
1.000	0	0	0	1	0	0	0	0	1	-1		
1.000	0	0	0	1	-1	0	0	-1	2	-1		
1.000	0	0	0	1	0	0	0	0	2	-1		
1.049	34	12	4	58	-12	19	-6	0	96	-23		
1.050	35	12	4	60	-13	19	-7	0	99	-24		
1.100	64	23	7	113	-25	37	-13	0	187	-47		
1.109	68	24	8	121	-27	40	-14	0	201	-51		
1.150	87	31	10	160	-38	54	-20	0	267	-70		
1.169	95	34	12	176	-43	59	-22	0	294	-79		
1.200	106	38	13	200	-51	68	-27	0	334	-94		
1.203	107	38	14	202	-51	69	-27	0	337	-95		
1.230	115	41	15	220	-58	76	-30	0	368	-108		
1.248	119	43	16	230	-63	80	-33	0	387	-116		
1.250	119	43	16	231	-63	81	-33	0	388	-117		
1.300	127	45	18	254	-76	91	-40	0	429	-141		
1.350	130	46	19	268	-89	99	-47	0	456	-164		
1.352	130	46	19	268	-89	99	-47	0	456	-165		
1.400	128	45	19	280	-101	106	-53	0	478	-188		
1.407	127	45	19	281	-103	106	-54	0	479	-191		
1.450	118	42	18	279	-113	108	-60	0	479	-210		
1.500	103	37	16	269	-125	108	-66	0	466	-232		
1.550	82	30	13	260	-137	106	-72	0	452	-254		
1.585	65	24	10	251	-145	103	-76	0	437	-269		
1.600	57	21	9	246	-149	102	-78	0	430	-276		
1.650	26	10	4	225	-161	96	-84	0	395	-298		
1.686	0	1	0	204	-170	89	-88	-170	361	-315		
1.700	-10	-3	-2	197	-174	87	-90	-173	349	-322		
1.750	-52	-18	-9	164	-187	76	-96	-185	295	-345		
1.764	-64	-22	-11	155	-191	73	-98	-188	279	-351		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	MAX	MIN	MAX	MIN
	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
1.800	-99	-35	-17	122	-198	63	-102	-195	225	-366		
1.850	-152	-53	-26	85	-208	51	-111	-222	165	-388		
1.882	-189	-66	-32	66	-214	47	-121	-249	135	-406		
1.893	-202	-71	-34	67	-216	46	-125	-258	135	-421		
1.900	-210	-74	-35	68	-218	45	-128	-264	135	-432		
1.950	-274	-97	-46	71	-228	43	-152	-314	138	-512		
2.000	-343	-121	-58	79	-236	45	-181	-371	150	-607		
2.000	-343	-121	-58	78	-236	44	-181	-369	148	-605		
2.042	-258	-91	-43	63	-178	37	-143	-312	121	-502		
2.050	-243	-86	-41	60	-170	36	-137	-302	117	-485		
2.075	-197	-70	-33	53	-148	34	-118	-271	104	-430		
2.085	-180	-64	-30	50	-145	33	-111	-259	100	-409		
2.100	-153	-54	-25	53	-142	33	-99	-239	103	-376		
2.150	-73	-26	-12	92	-130	34	-69	-180	157	-277		
2.200	-2	-1	0	133	-119	44	-49	-131	221	-207		
2.202	0	0	1	134	-118	45	-49	-130	223	-205		
2.210	10	3	2	143	-116	47	-47	0	236	-201		
2.250	57	19	10	187	-108	61	-41	0	309	-184		
2.300	106	36	18	234	-97	86	-46	0	398	-175		
2.335	133	45	23	263	-92	101	-50	0	451	-173		
2.350	143	49	25	273	-90	107	-51	0	470	-171		
2.400	166	58	29	298	-80	122	-56	0	518	-163		
2.450	179	62	31	315	-71	133	-61	0	552	-156		
2.460	180	63	31	317	-71	134	-62	0	556	-157		
2.485	182	63	31	321	-80	138	-65	0	565	-171		
2.500	181	63	31	322	-85	140	-66	0	568	-179		
2.550	173	60	30	320	-101	142	-71	0	568	-206		
2.585	161	55	27	315	-112	141	-75	0	560	-223		
2.600	153	53	26	311	-117	139	-76	0	553	-231		
2.650	119	42	20	287	-132	129	-79	0	511	-255		
2.700	75	26	13	254	-146	114	-83	0	452	-277		
2.710	65	23	11	246	-149	111	-84	0	437	-282		
2.750	20	7	3	211	-163	95	-86	0	376	-303		
2.766	0	0	0	194	-168	88	-88	-168	347	-311		
2.800	-46	-16	-8	161	-180	77	-94	-179	291	-333		
2.835	-98	-35	-17	129	-190	67	-106	-217	238	-359		
2.850	-123	-43	-21	114	-195	63	-112	-234	215	-381		
2.888	-188	-66	-33	77	-202	57	-134	-283	159	-459		
2.900	-212	-74	-37	67	-206	56	-143	-305	146	-493		
2.917	-245	-86	-42	66	-209	55	-156	-334	143	-540		
2.950	-312	-109	-54	75	-217	58	-186	-390	158	-634		
3.000	-424	-148	-73	90	-273	67	-238	-483	187	-792		
3.000	-423	-148	-73	89	-271	67	-237	-481	185	-790		
3.042	-333	-117	-58	70	-246	57	-195	-411	151	-668		
3.050	-318	-111	-55	67	-242	56	-188	-397	145	-645		
3.085	-252	-88	-44	50	-223	52	-159	-344	119	-554		
3.100	-223	-78	-39	57	-217	51	-146	-319	127	-513		
3.113	-201	-70	-35	66	-211	50	-137	-299	138	-481		
3.150	-138	-48	-24	96	-198	52	-112	-245	179	-395		
3.200	-63	-22	-11	137	-180	61	-89	-192	244	-329		
3.210	-50	-17	-9	147	-176	63	-86	-184	258	-320		
3.249	0	0	0	189	-164	75	-79	-166	327	-297		
3.250	1	1	0	190	-164	76	-79	0	329	-297		
3.300	55	19	9	237	-151	99	-81	0	414	-281		
3.335	86	30	14	265	-141	113	-82	0	465	-270		
3.350	97	34	16	274	-137	118	-83	0	483	-265		
3.400	126	44	22	299	-121	131	-84	0	529	-245		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	(ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
3.450	144	51	25	316	-106	140	-85	0	560	-225		
3.460	146	52	25	317	-103	142	-85	0	564	-222		
3.500	151	53	26	323	-90	146	-86	0	575	-206		
3.510	152	53	26	322	-89	146	-86	0	575	-205		
3.550	148	52	25	320	-101	147	-87	0	573	-222		
3.585	140	49	24	315	-112	145	-88	0	564	-237		
3.600	133	47	23	311	-117	143	-88	0	556	-244		
3.650	105	37	18	287	-132	131	-88	0	513	-263		
3.700	66	24	12	253	-146	115	-88	0	452	-282		
3.710	58	21	10	245	-149	111	-87	0	437	-285		
3.750	17	6	3	210	-162	95	-87	0	375	-303		
3.765	0	0	0	195	-167	88	-87	-167	347	-310		
3.800	-43	-15	-7	161	-179	78	-94	-179	292	-333		
3.835	-91	-32	-16	128	-190	71	-107	-218	242	-360		
3.850	-115	-40	-20	114	-195	68	-114	-235	220	-384		
3.887	-176	-62	-30	77	-202	65	-137	-284	167	-463		
3.900	-198	-70	-34	67	-206	65	-146	-306	155	-498		
3.917	-229	-81	-39	66	-209	66	-160	-334	153	-544		
3.950	-293	-103	-50	75	-217	71	-190	-391	170	-639		
4.000	-399	-140	-69	102	-274	82	-244	-484	218	-799		
4.000	-398	-140	-68	100	-272	82	-243	-482	214	-796		
4.042	-310	-109	-53	83	-247	71	-201	-412	182	-673		
4.050	-295	-104	-51	80	-243	70	-194	-398	177	-651		
4.085	-230	-81	-40	71	-224	65	-164	-344	159	-559		
4.100	-202	-71	-35	69	-218	65	-151	-319	156	-518		
4.112	-180	-63	-31	70	-212	64	-141	-300	157	-486		
4.150	-118	-41	-20	96	-199	65	-117	-246	193	-399		
4.200	-44	-15	-8	138	-181	74	-93	-192	257	-334		
4.210	-31	-11	-5	147	-177	76	-90	-184	271	-325		
4.234	0	0	0	174	-169	82	-85	-180	314	-310		
4.250	18	6	3	190	-165	88	-84	0	341	-303		
4.300	70	24	12	237	-151	110	-85	0	425	-286		
4.335	100	35	17	265	-142	123	-86	0	475	-275		
4.350	111	38	19	275	-138	127	-86	0	493	-269		
4.400	138	48	24	299	-122	138	-87	0	537	-249		
4.450	155	54	27	316	-106	146	-87	0	566	-228		
4.460	157	55	27	318	-103	147	-87	0	569	-224		
4.500	161	56	28	323	-90	150	-88	0	580	-208		
4.503	161	56	28	323	-90	150	-88	0	580	-207		
4.550	156	54	27	320	-101	150	-88	0	577	-223		
4.585	146	51	25	315	-112	147	-88	0	567	-238		
4.600	139	49	24	311	-117	145	-88	0	559	-244		
4.650	109	38	19	287	-132	132	-88	0	514	-263		
4.700	69	24	12	253	-146	115	-87	0	452	-281		
4.710	60	21	10	245	-149	111	-86	0	437	-284		
4.750	18	7	3	210	-162	94	-86	0	374	-302		
4.765	0	0	0	195	-167	87	-86	-166	345	-308		
4.800	-44	-15	-8	161	-179	77	-93	-179	291	-332		
4.835	-93	-33	-16	128	-190	70	-107	-218	241	-359		
4.850	-117	-41	-20	114	-195	67	-114	-235	219	-384		
4.887	-180	-63	-31	77	-202	64	-137	-284	166	-464		
4.900	-202	-71	-35	67	-206	64	-147	-306	154	-499		
4.917	-234	-82	-40	66	-209	65	-161	-334	152	-545		
4.950	-298	-105	-51	75	-216	70	-192	-391	170	-641		
5.000	-406	-142	-70	102	-274	82	-247	-484	218	-802		
5.000	-406	-142	-70	100	-272	82	-246	-482	215	-799		
5.042	-317	-111	-55	83	-247	72	-204	-412	182	-676		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
5.050	-302	-106	-52	80	-243	70	-197	-398	177	-653		
5.085	-236	-83	-41	71	-224	66	-166	-344	160	-562		
5.100	-208	-73	-36	69	-218	65	-154	-319	157	-521		
5.112	-186	-65	-32	70	-212	64	-144	-300	158	-489		
5.150	-124	-43	-21	96	-199	66	-119	-246	194	-402		
5.200	-50	-17	-9	138	-181	75	-96	-196	258	-337		
5.210	-37	-13	-6	147	-177	77	-94	-192	272	-329		
5.239	0	0	0	179	-168	85	-88	-184	323	-311		
5.250	13	5	2	190	-165	89	-87	0	343	-306		
5.300	65	23	11	237	-152	110	-87	0	426	-289		
5.335	95	33	16	265	-142	123	-88	0	475	-277		
5.350	106	37	18	275	-138	127	-88	0	493	-271		
5.400	134	47	23	299	-122	138	-87	0	536	-249		
5.450	151	53	26	316	-106	145	-87	0	565	-228		
5.460	153	54	26	318	-103	146	-87	0	568	-224		
5.500	157	55	27	323	-90	148	-87	0	577	-207		
5.504	157	55	27	323	-89	148	-87	0	577	-205		
5.550	153	53	26	320	-101	148	-86	0	574	-221		
5.585	143	50	25	315	-112	144	-86	0	564	-235		
5.600	137	48	23	311	-117	142	-86	0	555	-241		
5.650	107	38	19	287	-131	128	-84	0	510	-259		
5.700	67	24	12	253	-146	111	-82	0	447	-276		
5.710	58	21	10	245	-149	106	-82	0	432	-279		
5.750	16	6	3	210	-162	88	-80	0	368	-296		
5.764	0	0	0	196	-167	81	-80	-165	342	-302		
5.800	-45	-16	-8	161	-179	71	-88	-179	285	-326		
5.835	-94	-33	-16	128	-190	63	-101	-218	234	-353		
5.850	-118	-41	-20	114	-195	61	-108	-235	212	-379		
5.888	-180	-63	-31	75	-202	57	-131	-284	157	-458		
5.900	-202	-71	-35	65	-206	58	-141	-306	144	-494		
5.917	-234	-82	-40	58	-209	58	-155	-334	135	-540		
5.950	-298	-105	-51	75	-216	64	-186	-391	163	-635		
6.000	-406	-142	-70	102	-274	76	-241	-484	211	-795		
6.000	-405	-142	-70	100	-272	76	-240	-482	208	-792		
6.042	-316	-111	-54	83	-247	67	-198	-411	177	-671		
6.050	-301	-106	-52	80	-243	65	-191	-398	172	-648		
6.085	-235	-83	-40	71	-224	61	-162	-344	156	-557		
6.100	-207	-73	-36	69	-218	61	-150	-319	154	-517		
6.112	-185	-65	-32	70	-212	61	-140	-300	154	-485		
6.150	-122	-43	-21	96	-199	64	-117	-246	192	-399		
6.200	-48	-17	-8	138	-181	74	-95	-196	258	-336		
6.210	-35	-12	-6	147	-177	77	-93	-192	272	-328		
6.237	0	0	0	177	-168	85	-88	-184	321	-312		
6.250	15	5	3	190	-165	90	-87	0	343	-306		
6.300	68	24	12	237	-152	109	-85	0	425	-287		
6.335	98	34	17	265	-142	121	-84	0	473	-274		
6.350	109	38	18	275	-138	124	-84	0	490	-267		
6.400	137	48	23	299	-122	133	-82	0	531	-244		
6.450	154	54	26	316	-106	139	-79	0	559	-220		
6.460	156	55	27	318	-103	139	-79	0	562	-216		
6.500	161	56	28	323	-90	141	-77	0	570	-197		
6.506	161	56	28	323	-89	141	-77	0	569	-194		
6.550	157	55	27	320	-88	138	-75	0	564	-192		
6.585	147	51	25	315	-96	134	-73	0	553	-201		
6.600	141	49	24	311	-100	130	-72	0	544	-206		
6.650	112	39	19	287	-113	115	-68	0	497	-218		
6.700	72	25	12	253	-126	96	-64	0	432	-232		
6.710	63	22	11	245	-129	91	-64	0	417	-235		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
6.750		21	8	4	210	-141	72	-60	0	351	-248		
6.769		0	0	0	190	-146	62	-60	-144	316	-254		
6.800		-40	-14	-7	160	-156	53	-67	-154	265	-274		
6.835		-88	-31	-16	127	-165	43	-79	-192	212	-301		
6.850		-112	-40	-20	112	-169	39	-86	-209	189	-327		
6.900		-196	-69	-34	62	-178	35	-117	-277	118	-437		
6.917		-228	-80	-40	54	-180	36	-130	-303	108	-480		
6.950		-291	-103	-51	73	-186	42	-161	-355	138	-570		
7.000		-398	-140	-69	99	-275	53	-214	-441	185	-721		
7.000		-397	-140	-69	98	-270	53	-214	-439	183	-718		
7.050		-312	-110	-54	83	-250	48	-177	-373	158	-606		
7.053		-307	-108	-53	80	-247	47	-175	-369	153	-599		
7.100		-234	-83	-41	72	-229	46	-145	-308	143	-499		
7.106		-225	-80	-39	72	-226	47	-141	-302	142	-488		
7.125		-196	-69	-34	70	-220	49	-131	-279	142	-451		
7.150		-160	-57	-28	80	-214	53	-119	-251	159	-407		
7.200		-93	-33	-16	112	-200	64	-103	-217	213	-368		
7.250		-34	-12	-6	159	-186	80	-95	-202	291	-342		
7.262		-20	-7	-3	169	-182	83	-94	-199	308	-336		
7.281		0	0	0	186	-177	89	-92	-195	337	-328		
7.300		19	7	3	203	-174	95	-90	0	365	-321		
7.350		66	23	11	242	-163	108	-85	0	430	-302		
7.400		105	36	18	277	-153	119	-80	0	487	-284		
7.418		118	41	20	287	-150	123	-78	0	505	-277		
7.450		136	47	23	301	-142	127	-74	0	528	-263		
7.500		159	56	28	316	-130	131	-68	0	552	-240		
7.550		175	62	30	323	-117	133	-62	0	562	-218		
7.575		180	64	31	322	-111	132	-59	0	560	-207		
7.600		184	65	32	322	-105	131	-56	0	560	-196		
7.643		187	66	33	322	-95	128	-50	0	556	-176		
7.650		186	66	33	323	-93	127	-50	0	557	-173		
7.700		182	64	32	313	-81	121	-44	0	537	-151		
7.731		176	62	31	301	-74	115	-40	0	515	-138		
7.750		170	60	30	293	-70	110	-38	0	499	-131		
7.800		150	53	26	260	-58	94	-31	0	439	-107		
7.850		122	43	21	214	-45	75	-23	0	359	-83		
7.865		113	40	20	196	-39	68	-21	0	328	-73		
7.900		88	31	16	155	-31	53	-16	0	258	-57		
7.950		48	17	8	83	-16	28	-8	0	138	-30		
7.994		6	2	1	10	-3	3	-1	0	16	-4		
8.000		0	0	0	4	-3	2	-1	-3	7	-5		
8.000		0	0	0	0	-2	0	0	-2	0	-3		
8.375		0	0	0	0	-1	0	0	-1	0	-2		
9.000		0	0	0	0	0	0	0	0	0	0		

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0								0	0
0.625	0	0	0								0	0
1.000	0	0	0								0	0

UNFACTORED MOMENT SUMMARY													
GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).													
LANE POSITION: ONE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
1.000		0	0	0							0	0	0
1.000		0	0	0							0	0	0
1.049		34	12	4							38	-8	-8
1.050		35	12	4							39	-8	-8
1.100		64	23	7							71	-16	-16
1.109		68	24	8							77	-17	-17
1.150		87	31	10							100	-24	-24
1.169		95	34	12							109	-27	-27
1.200		106	38	13							122	-32	-32
1.203		107	38	14							123	-32	-32
1.230		115	41	15							133	-37	-37
1.248		119	43	16							138	-40	-40
1.250		119	43	16							139	-40	-40
1.300		127	45	18							154	-48	-48
1.350		130	46	19							164	-57	-57
1.352		130	46	19							164	-57	-57
1.400		128	45	19							170	-65	-65
1.407		127	45	19							170	-66	-66
1.450		118	42	18							166	-74	-74
1.500		103	37	16							157	-83	-83
1.550		82	30	13							151	-92	-92
1.585		65	24	10							146	-98	-98
1.600		57	21	9							144	-100	-100
1.650		26	10	4							137	-109	-109
1.686		0	1	0							127	-116	-116
1.700		-10	-3	-2							123	-119	-119
1.750		-52	-18	-9							103	-128	-128
1.764		-64	-22	-11							97	-130	-130
1.800		-99	-35	-17							79	-135	-135
1.850		-152	-53	-26							55	-142	-142
1.882		-189	-66	-32							42	-146	-146
1.893		-202	-71	-34							42	-147	-147
1.900		-210	-74	-35							43	-148	-148
1.950		-274	-97	-46							45	-155	-155
2.000		-343	-121	-58							47	-160	-160
2.000		-343	-121	-58							47	-160	-160
2.042		-258	-91	-43							40	-118	-118
2.050		-243	-86	-41							39	-111	-111
2.075		-197	-70	-33							35	-88	-88
2.085		-180	-64	-30							33	-83	-83
2.100		-153	-54	-25							37	-81	-81
2.150		-73	-26	-12							59	-75	-75
2.200		-2	-1	0							86	-68	-68
2.202		0	0	1							86	-68	-68
2.210		10	3	2							90	-67	-67
2.250		57	19	10							119	-63	-63
2.300		106	36	18							154	-56	-56
2.335		133	45	23							173	-52	-52
2.350		143	49	25							180	-50	-50
2.400		166	58	29							197	-44	-44
2.450		179	62	31							206	-42	-42
2.460		180	63	31							206	-44	-44
2.485		182	63	31							208	-50	-50
2.500		181	63	31							208	-53	-53
2.550		173	60	30							204	-64	-64
2.585		161	55	27							204	-72	-72
2.600		153	53	26							202	-76	-76
2.650		119	42	20							188	-87	-87

UNFACTORED MOMENT SUMMARY													
GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).													
LANE POSITION: ONE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
2.700		75	26	13								166	-99
2.710		65	23	11								161	-101
2.750		20	7	3								137	-110
2.766		0	0	0								125	-114
2.800		-46	-16	-8								101	-122
2.835		-98	-35	-17								83	-129
2.850		-123	-43	-21								73	-132
2.888		-188	-66	-33								50	-137
2.900		-212	-74	-37								44	-140
2.917		-245	-86	-42								42	-142
2.950		-312	-109	-54								43	-147
3.000		-424	-148	-73								46	-184
3.000		-423	-148	-73								46	-183
3.042		-333	-117	-58								39	-169
3.050		-318	-111	-55								38	-167
3.085		-252	-88	-44								33	-150
3.100		-223	-78	-39								39	-146
3.113		-201	-70	-35								43	-142
3.150		-138	-48	-24								62	-133
3.200		-63	-22	-11								88	-121
3.210		-50	-17	-9								93	-118
3.249		0	0	0								121	-110
3.250		1	1	0								122	-110
3.300		55	19	9								156	-99
3.335		86	30	14								175	-91
3.350		97	34	16								182	-88
3.400		126	44	22								198	-77
3.450		144	51	25								207	-66
3.460		146	52	25								207	-64
3.500		151	53	26								208	-56
3.510		152	53	26								207	-55
3.550		148	52	25								205	-64
3.585		140	49	24								205	-72
3.600		133	47	23								203	-76
3.650		105	37	18								188	-87
3.700		66	24	12								166	-99
3.710		58	21	10								161	-101
3.750		17	6	3								136	-110
3.765		0	0	0								125	-113
3.800		-43	-15	-7								101	-122
3.835		-91	-32	-16								83	-129
3.850		-115	-40	-20								73	-132
3.887		-176	-62	-30								50	-137
3.900		-198	-70	-34								44	-140
3.917		-229	-81	-39								42	-142
3.950		-293	-103	-50								43	-147
4.000		-399	-140	-69								56	-185
4.000		-398	-140	-68								55	-184
4.042		-310	-109	-53								50	-170
4.050		-295	-104	-51								49	-168
4.085		-230	-81	-40								45	-151
4.100		-202	-71	-35								44	-147
4.112		-180	-63	-31								43	-143
4.150		-118	-41	-20								62	-134
4.200		-44	-15	-8								88	-122
4.210		-31	-11	-5								93	-119
4.234		0	0	0								109	-113

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
4.250	18	6	3								122	-110
4.300	70	24	12								156	-99
4.335	100	35	17								175	-91
4.350	111	38	19								182	-88
4.400	138	48	24								198	-77
4.450	155	54	27								207	-66
4.460	157	55	27								207	-64
4.500	161	56	28								208	-56
4.503	161	56	28								208	-55
4.550	156	54	27								205	-64
4.585	146	51	25								205	-72
4.600	139	49	24								202	-76
4.650	109	38	19								188	-87
4.700	69	24	12								166	-99
4.710	60	21	10								161	-101
4.750	18	7	3								136	-110
4.765	0	0	0								125	-113
4.800	-44	-15	-8								101	-122
4.835	-93	-33	-16								83	-129
4.850	-117	-41	-20								73	-132
4.887	-180	-63	-31								50	-137
4.900	-202	-71	-35								44	-140
4.917	-234	-82	-40								42	-142
4.950	-298	-105	-51								43	-147
5.000	-406	-142	-70								56	-185
5.000	-406	-142	-70								55	-184
5.042	-317	-111	-55								51	-170
5.050	-302	-106	-52								50	-168
5.085	-236	-83	-41								45	-151
5.100	-208	-73	-36								44	-147
5.112	-186	-65	-32								43	-143
5.150	-124	-43	-21								62	-134
5.200	-50	-17	-9								88	-122
5.210	-37	-13	-6								93	-119
5.239	0	0	0								113	-113
5.250	13	5	2								122	-110
5.300	65	23	11								156	-99
5.335	95	33	16								175	-91
5.350	106	37	18								182	-88
5.400	134	47	23								198	-77
5.450	151	53	26								207	-66
5.460	153	54	26								207	-64
5.500	157	55	27								208	-56
5.504	157	55	27								207	-55
5.550	153	53	26								205	-64
5.585	143	50	25								205	-72
5.600	137	48	23								203	-76
5.650	107	38	19								188	-87
5.700	67	24	12								166	-99
5.710	58	21	10								161	-101
5.750	16	6	3								136	-110
5.764	0	0	0								126	-113
5.800	-45	-16	-8								101	-122
5.835	-94	-33	-16								83	-129
5.850	-118	-41	-20								73	-132
5.888	-180	-63	-31								50	-137
5.900	-202	-71	-35								44	-139
5.917	-234	-82	-40								35	-142

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
5.950		-298	-105	-51								43	-147
6.000		-406	-142	-70								56	-185
6.000		-405	-142	-70								55	-184
6.042		-316	-111	-54								51	-170
6.050		-301	-106	-52								50	-168
6.085		-235	-83	-40								45	-151
6.100		-207	-73	-36								44	-147
6.112		-185	-65	-32								43	-143
6.150		-122	-43	-21								62	-134
6.200		-48	-17	-8								88	-122
6.210		-35	-12	-6								93	-119
6.237		0	0	0								112	-113
6.250		15	5	3								122	-110
6.300		68	24	12								156	-99
6.335		98	34	17								175	-91
6.350		109	38	18								182	-88
6.400		137	48	23								198	-77
6.450		154	54	26								206	-66
6.460		156	55	27								207	-64
6.500		161	56	28								208	-56
6.506		161	56	28								207	-55
6.550		157	55	27								205	-52
6.585		147	51	25								205	-58
6.600		141	49	24								202	-61
6.650		112	39	19								188	-70
6.700		72	25	12								166	-79
6.710		63	22	11								160	-81
6.750		21	8	4								136	-89
6.769		0	0	0								122	-93
6.800		-40	-14	-7								100	-99
6.835		-88	-31	-16								82	-104
6.850		-112	-40	-20								72	-107
6.900		-196	-69	-34								43	-113
6.917		-228	-80	-40								35	-114
6.950		-291	-103	-51								43	-120
7.000		-398	-140	-69								56	-186
7.000		-397	-140	-69								55	-183
7.050		-312	-110	-54								51	-171
7.053		-307	-108	-53								50	-170
7.100		-234	-83	-41								46	-155
7.106		-225	-80	-39								45	-152
7.125		-196	-69	-34								44	-148
7.150		-160	-57	-28								50	-144
7.200		-93	-33	-16								73	-134
7.250		-34	-12	-6								100	-125
7.262		-20	-7	-3								107	-122
7.281		0	0	0								119	-119
7.300		19	7	3								131	-116
7.350		66	23	11								157	-108
7.400		105	36	18								178	-99
7.418		118	41	20								183	-96
7.450		136	47	23								189	-91
7.500		159	56	28								190	-83
7.550		175	62	30								191	-75
7.575		180	64	31								196	-70
7.600		184	65	32								200	-66
7.643		187	66	33								203	-59

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK MIN	TRUCK+LANE		MAX	MIN
	MOMENT	MOMENT	MOMENT						MAX	MIN		
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
7.650	186	66	33								203	-59
7.700	182	64	32								200	-51
7.731	176	62	31								193	-46
7.750	170	60	30								186	-43
7.800	150	53	26								161	-34
7.850	122	43	21								134	-26
7.865	113	40	20								124	-23
7.900	88	31	16								99	-17
7.950	48	17	8								54	-9
7.994	6	2	1								6	-2
8.000	0	0	0								2	-2
8.000	0	0	0								0	-2
8.375	0	0	0								0	-1
9.000	0	0	0								0	0

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	1	0	0	0	0	1	-1		
0.625	0	0	0	1	0	0	0	-1	1	-1		
1.000	0	0	0	1	-1	0	0	-1	1	-1		
1.000	0	0	0	1	-1	0	0	-1	2	-1		
1.049	34	12	4	64	-15	0	0	0	86	-20		
1.050	35	12	4	66	-15	0	0	0	88	-20		
1.100	64	23	7	123	-31	0	0	0	163	-41		
1.109	68	24	8	131	-33	0	0	0	175	-44		
1.150	87	31	10	171	-46	0	0	0	227	-61		
1.169	95	34	12	186	-52	0	0	0	247	-69		
1.200	106	38	13	209	-61	0	0	0	278	-82		
1.203	107	38	14	211	-62	0	0	0	281	-83		
1.230	115	41	15	231	-71	0	0	0	307	-94		
1.248	119	43	16	242	-76	0	0	0	322	-102		
1.250	119	43	16	244	-77	0	0	0	324	-102		
1.300	127	45	18	267	-92	0	0	0	355	-123		
1.350	130	46	19	280	-108	0	0	0	372	-143		
1.352	130	46	19	280	-108	0	0	0	372	-144		
1.400	128	45	19	286	-123	0	0	0	381	-164		
1.407	127	45	19	287	-125	0	0	0	381	-167		
1.450	118	42	18	282	-138	0	0	0	375	-183		
1.500	103	37	16	270	-152	0	0	0	359	-202		
1.550	82	30	13	257	-167	0	0	0	342	-222		
1.585	65	24	10	250	-176	0	0	0	333	-235		
1.600	57	21	9	247	-181	0	0	0	329	-241		
1.650	26	10	4	228	-196	0	0	0	303	-261		
1.686	0	1	0	210	-207	0	0	-231	280	-276		
1.700	-10	-3	-2	204	-212	0	0	-236	271	-282		
1.750	-52	-18	-9	171	-228	0	0	-257	227	-307		
1.764	-64	-22	-11	159	-232	0	0	-261	212	-313		
1.800	-99	-35	-17	122	-241	0	0	-272	162	-326		
1.850	-152	-53	-26	80	-253	0	0	-295	107	-353		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.882	-189	-66	-32	80	-260	0	0	-317	107	-380		
1.893	-202	-71	-34	81	-262	0	0	-333	108	-398		
1.900	-210	-74	-35	82	-265	0	0	-343	109	-411		
1.950	-274	-97	-46	86	-276	0	0	-424	115	-508		
2.000	-343	-121	-58	91	-285	0	0	-518	121	-620		
2.000	-343	-121	-58	90	-286	0	0	-517	120	-618		
2.042	-258	-91	-43	76	-213	0	0	-421	101	-504		
2.050	-243	-86	-41	73	-201	0	0	-406	97	-486		
2.075	-197	-70	-33	64	-161	0	0	-356	86	-426		
2.085	-180	-64	-30	61	-155	0	0	-336	81	-403		
2.100	-153	-54	-25	56	-152	0	0	-305	75	-365		
2.150	-73	-26	-12	83	-141	0	0	-213	110	-255		
2.200	-2	-1	0	131	-128	0	0	-159	175	-190		
2.202	0	0	1	132	-127	0	0	-157	176	-188		
2.210	10	3	2	143	-125	0	0	0	190	-167		
2.250	57	19	10	197	-117	0	0	0	262	-156		
2.300	106	36	18	255	-106	0	0	0	339	-141		
2.335	133	45	23	287	-100	0	0	0	382	-134		
2.350	143	49	25	298	-98	0	0	0	396	-130		
2.400	166	58	29	326	-87	0	0	0	434	-116		
2.450	179	62	31	343	-83	0	0	0	456	-110		
2.460	180	63	31	345	-86	0	0	0	458	-115		
2.485	182	63	31	347	-97	0	0	0	462	-128		
2.500	181	63	31	347	-102	0	0	0	462	-136		
2.550	173	60	30	341	-122	0	0	0	454	-163		
2.585	161	55	27	340	-136	0	0	0	453	-181		
2.600	153	53	26	337	-142	0	0	0	448	-189		
2.650	119	42	20	311	-160	0	0	0	414	-212		
2.700	75	26	13	272	-177	0	0	0	362	-236		
2.710	65	23	11	263	-181	0	0	0	349	-240		
2.750	20	7	3	222	-197	0	0	0	296	-263		
2.766	0	0	0	203	-204	0	0	-227	270	-272		
2.800	-46	-16	-8	162	-218	0	0	-247	215	-296		
2.835	-98	-35	-17	121	-231	0	0	-287	160	-343		
2.850	-123	-43	-21	106	-237	0	0	-304	142	-363		
2.888	-188	-66	-33	77	-245	0	0	-356	102	-426		
2.900	-212	-74	-37	78	-250	0	0	-388	104	-465		
2.917	-245	-86	-42	80	-253	0	0	-434	106	-520		
2.950	-312	-109	-54	90	-262	0	0	-526	120	-629		
3.000	-424	-148	-73	107	-331	0	0	-673	142	-806		
3.000	-423	-148	-73	106	-328	0	0	-671	140	-803		
3.042	-333	-117	-58	83	-297	0	0	-562	111	-673		
3.050	-318	-111	-55	79	-292	0	0	-542	105	-649		
3.085	-252	-88	-44	60	-268	0	0	-455	80	-544		
3.100	-223	-78	-39	52	-261	0	0	-415	69	-497		
3.113	-201	-70	-35	59	-254	0	0	-384	78	-460		
3.150	-138	-48	-24	86	-238	0	0	-314	115	-376		
3.200	-63	-22	-11	136	-217	0	0	-256	181	-306		
3.210	-50	-17	-9	147	-212	0	0	-245	196	-293		
3.249	0	0	0	200	-198	0	0	-219	266	-264		
3.250	1	1	0	201	-198	0	0	0	268	-263		
3.300	55	19	9	258	-183	0	0	0	343	-243		
3.335	86	30	14	289	-172	0	0	0	385	-229		
3.350	97	34	16	300	-166	0	0	0	399	-221		
3.400	126	44	22	328	-147	0	0	0	436	-196		
3.450	144	51	25	344	-128	0	0	0	458	-171		
3.460	146	52	25	345	-125	0	0	0	459	-166		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
3.500	151	53	26	348	-109	0	0	0	462	-146		
3.510	152	53	26	347	-108	0	0	0	461	-144		
3.550	148	52	25	343	-123	0	0	0	456	-163		
3.585	140	49	24	341	-136	0	0	0	454	-181		
3.600	133	47	23	337	-142	0	0	0	448	-189		
3.650	105	37	18	311	-160	0	0	0	414	-213		
3.700	66	24	12	272	-177	0	0	0	362	-236		
3.710	58	21	10	262	-181	0	0	0	349	-241		
3.750	17	6	3	222	-197	0	0	0	295	-262		
3.765	0	0	0	203	-203	0	0	-227	271	-271		
3.800	-43	-15	-7	161	-218	0	0	-248	214	-297		
3.835	-91	-32	-16	120	-231	0	0	-287	160	-344		
3.850	-115	-40	-20	106	-236	0	0	-304	141	-364		
3.887	-176	-62	-30	76	-245	0	0	-357	102	-428		
3.900	-198	-70	-34	78	-249	0	0	-390	104	-467		
3.917	-229	-81	-39	80	-253	0	0	-436	106	-522		
3.950	-293	-103	-50	89	-262	0	0	-527	119	-631		
4.000	-399	-140	-69	121	-332	0	0	-675	161	-808		
4.000	-398	-140	-68	119	-329	0	0	-672	158	-805		
4.042	-310	-109	-53	99	-299	0	0	-563	132	-674		
4.050	-295	-104	-51	96	-294	0	0	-543	127	-650		
4.085	-230	-81	-40	86	-270	0	0	-456	114	-545		
4.100	-202	-71	-35	84	-263	0	0	-416	112	-498		
4.112	-180	-63	-31	82	-255	0	0	-385	109	-461		
4.150	-118	-41	-20	90	-239	0	0	-315	119	-377		
4.200	-44	-15	-8	136	-218	0	0	-257	182	-307		
4.210	-31	-11	-5	148	-213	0	0	-246	196	-294		
4.234	0	0	0	181	-204	0	0	-224	241	-271		
4.250	18	6	3	202	-199	0	0	0	268	-265		
4.300	70	24	12	258	-184	0	0	0	343	-244		
4.335	100	35	17	289	-173	0	0	0	385	-230		
4.350	111	38	19	300	-167	0	0	0	399	-223		
4.400	138	48	24	328	-148	0	0	0	436	-197		
4.450	155	54	27	344	-129	0	0	0	458	-172		
4.460	157	55	27	346	-125	0	0	0	460	-167		
4.500	161	56	28	348	-110	0	0	0	462	-146		
4.503	161	56	28	347	-109	0	0	0	462	-145		
4.550	156	54	27	343	-123	0	0	0	456	-163		
4.585	146	51	25	341	-136	0	0	0	454	-181		
4.600	139	49	24	337	-142	0	0	0	448	-189		
4.650	109	38	19	311	-160	0	0	0	414	-213		
4.700	69	24	12	272	-177	0	0	0	362	-236		
4.710	60	21	10	262	-181	0	0	0	349	-241		
4.750	18	7	3	222	-197	0	0	0	295	-262		
4.765	0	0	0	203	-203	0	0	-227	270	-271		
4.800	-44	-15	-8	161	-218	0	0	-248	214	-297		
4.835	-93	-33	-16	120	-231	0	0	-287	160	-344		
4.850	-117	-41	-20	106	-236	0	0	-304	141	-364		
4.887	-180	-63	-31	76	-245	0	0	-357	101	-428		
4.900	-202	-71	-35	78	-249	0	0	-390	103	-467		
4.917	-234	-82	-40	79	-253	0	0	-436	106	-522		
4.950	-298	-105	-51	90	-262	0	0	-527	119	-631		
5.000	-406	-142	-70	121	-332	0	0	-675	161	-808		
5.000	-406	-142	-70	119	-329	0	0	-673	158	-805		
5.042	-317	-111	-55	99	-299	0	0	-563	132	-674		
5.050	-302	-106	-52	96	-294	0	0	-543	127	-650		
5.085	-236	-83	-41	86	-270	0	0	-456	115	-545		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
5.100	-208	-73	-36	84	-263	0	0	-416	112	-498		
5.112	-186	-65	-32	82	-255	0	0	-385	110	-461		
5.150	-124	-43	-21	90	-239	0	0	-315	119	-377		
5.200	-50	-17	-9	136	-218	0	0	-257	182	-307		
5.210	-37	-13	-6	148	-213	0	0	-246	196	-294		
5.239	0	0	0	187	-203	0	0	-222	249	-270		
5.250	13	5	2	202	-199	0	0	0	268	-265		
5.300	65	23	11	258	-184	0	0	0	343	-244		
5.335	95	33	16	289	-173	0	0	0	385	-230		
5.350	106	37	18	300	-167	0	0	0	399	-223		
5.400	134	47	23	328	-148	0	0	0	436	-197		
5.450	151	53	26	344	-129	0	0	0	458	-172		
5.460	153	54	26	346	-125	0	0	0	460	-167		
5.500	157	55	27	348	-110	0	0	0	462	-146		
5.504	157	55	27	347	-108	0	0	0	462	-144		
5.550	153	53	26	343	-122	0	0	0	456	-163		
5.585	143	50	25	341	-136	0	0	0	454	-180		
5.600	137	48	23	337	-142	0	0	0	448	-188		
5.650	107	38	19	311	-159	0	0	0	414	-212		
5.700	67	24	12	272	-177	0	0	0	362	-235		
5.710	58	21	10	262	-181	0	0	0	349	-240		
5.750	16	6	3	222	-197	0	0	0	295	-262		
5.764	0	0	0	204	-203	0	0	-226	272	-271		
5.800	-45	-16	-8	161	-218	0	0	-248	214	-296		
5.835	-94	-33	-16	120	-231	0	0	-287	160	-344		
5.850	-118	-41	-20	106	-236	0	0	-304	141	-364		
5.888	-180	-63	-31	71	-244	0	0	-357	94	-427		
5.900	-202	-71	-35	64	-249	0	0	-390	85	-466		
5.917	-234	-82	-40	66	-253	0	0	-436	88	-522		
5.950	-298	-105	-51	89	-262	0	0	-527	119	-631		
6.000	-406	-142	-70	121	-332	0	0	-675	161	-808		
6.000	-405	-142	-70	119	-330	0	0	-672	158	-805		
6.042	-316	-111	-54	99	-299	0	0	-563	132	-674		
6.050	-301	-106	-52	96	-294	0	0	-543	127	-650		
6.085	-235	-83	-40	86	-270	0	0	-455	115	-545		
6.100	-207	-73	-36	84	-263	0	0	-416	112	-498		
6.112	-185	-65	-32	82	-255	0	0	-385	110	-461		
6.150	-122	-43	-21	90	-239	0	0	-315	120	-377		
6.200	-48	-17	-8	137	-218	0	0	-256	182	-307		
6.210	-35	-12	-6	148	-213	0	0	-246	197	-294		
6.237	0	0	0	185	-203	0	0	-223	246	-270		
6.250	15	5	3	202	-200	0	0	0	268	-265		
6.300	68	24	12	258	-184	0	0	0	343	-245		
6.335	98	34	17	289	-173	0	0	0	385	-230		
6.350	109	38	18	300	-167	0	0	0	399	-223		
6.400	137	48	23	328	-148	0	0	0	436	-197		
6.450	154	54	26	344	-129	0	0	0	458	-172		
6.460	156	55	27	345	-125	0	0	0	459	-167		
6.500	161	56	28	347	-110	0	0	0	462	-146		
6.506	161	56	28	347	-108	0	0	0	461	-143		
6.550	157	55	27	343	-103	0	0	0	456	-137		
6.585	147	51	25	341	-111	0	0	0	454	-148		
6.600	141	49	24	337	-116	0	0	0	448	-154		
6.650	112	39	19	311	-130	0	0	0	413	-173		
6.700	72	25	12	272	-146	0	0	0	361	-194		
6.710	63	22	11	262	-149	0	0	0	348	-198		
6.750	21	8	4	221	-163	0	0	0	294	-217		
6.769	0	0	0	198	-169	0	0	-189	264	-227		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
6.800	-40	-14	-7	160	-180	0	0	-209	213	-250		
6.835	-88	-31	-16	119	-191	0	0	-243	158	-290		
6.850	-112	-40	-20	105	-196	0	0	-257	139	-308		
6.900	-196	-69	-34	57	-206	0	0	-353	76	-423		
6.917	-228	-80	-40	65	-209	0	0	-395	86	-473		
6.950	-291	-103	-51	87	-216	0	0	-481	115	-575		
7.000	-398	-140	-69	118	-333	0	0	-617	157	-739		
7.000	-397	-140	-69	116	-327	0	0	-615	155	-736		
7.050	-312	-110	-54	99	-302	0	0	-509	131	-610		
7.053	-307	-108	-53	95	-298	0	0	-502	126	-601		
7.100	-234	-83	-41	88	-276	0	0	-407	117	-488		
7.106	-225	-80	-39	87	-271	0	0	-396	116	-474		
7.125	-196	-69	-34	85	-265	0	0	-359	113	-429		
7.150	-160	-57	-28	83	-257	0	0	-319	110	-382		
7.200	-93	-33	-16	109	-240	0	0	-276	145	-330		
7.250	-34	-12	-6	167	-224	0	0	-247	222	-298		
7.262	-20	-7	-3	179	-220	0	0	-241	238	-292		
7.281	0	0	0	200	-215	0	0	-235	266	-286		
7.300	19	7	3	220	-210	0	0	0	292	-280		
7.350	66	23	11	263	-198	0	0	0	350	-264		
7.400	105	36	18	296	-186	0	0	0	394	-248		
7.418	118	41	20	306	-182	0	0	0	407	-242		
7.450	136	47	23	319	-173	0	0	0	424	-230		
7.500	159	56	28	328	-158	0	0	0	436	-210		
7.550	175	62	30	327	-143	0	0	0	435	-190		
7.575	180	64	31	331	-135	0	0	0	441	-180		
7.600	184	65	32	339	-128	0	0	0	451	-170		
7.643	187	66	33	343	-115	0	0	0	456	-153		
7.650	186	66	33	344	-113	0	0	0	458	-150		
7.700	182	64	32	337	-98	0	0	0	449	-131		
7.731	176	62	31	327	-89	0	0	0	435	-118		
7.750	170	60	30	318	-83	0	0	0	424	-110		
7.800	150	53	26	282	-67	0	0	0	374	-89		
7.850	122	43	21	229	-51	0	0	0	304	-68		
7.865	113	40	20	209	-45	0	0	0	278	-61		
7.900	88	31	16	167	-36	0	0	0	223	-47		
7.950	48	17	8	92	-19	0	0	0	122	-25		
7.994	6	2	1	10	-2	0	0	0	14	-3		
8.000	0	0	0	4	-3	0	0	-3	5	-4		
8.000	0	0	0	0	-1	0	0	-2	0	-2		
8.375	0	0	0	0	-1	0	0	-1	0	-1		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2 MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD		DW MOMENT (ft-k)	TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)		MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	1	0	0	0	0	1	-1		
0.625	0	0	0	1	0	0	0	-1	1	-1		
1.000	0	0	0	1	0	0	0	-1	1	-1		
1.000	0	0	0	1	-1	0	0	-1	2	-1		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.000	0	0	0	1	-1	0	0	-1	2	-1		
1.049	34	12	4	61	-15	0	0	0	81	-19		
1.050	35	12	4	63	-15	0	0	0	83	-20		
1.100	64	23	7	118	-30	0	0	0	157	-40		
1.109	68	24	8	126	-32	0	0	0	168	-43		
1.150	87	31	10	166	-45	0	0	0	221	-60		
1.169	95	34	12	182	-51	0	0	0	242	-67		
1.200	106	38	13	208	-60	0	0	0	276	-80		
1.203	107	38	14	210	-61	0	0	0	279	-81		
1.230	115	41	15	230	-69	0	0	0	306	-91		
1.248	119	43	16	243	-74	0	0	0	324	-99		
1.250	119	43	16	245	-75	0	0	0	325	-99		
1.300	127	45	18	273	-90	0	0	0	362	-119		
1.350	130	46	19	295	-105	0	0	0	392	-139		
1.352	130	46	19	295	-105	0	0	0	392	-140		
1.400	128	45	19	309	-120	0	0	0	411	-159		
1.407	127	45	19	310	-122	0	0	0	412	-162		
1.450	118	42	18	310	-134	0	0	0	413	-178		
1.500	103	37	16	304	-148	0	0	0	405	-197		
1.550	82	30	13	292	-162	0	0	0	389	-215		
1.585	65	24	10	279	-171	0	0	0	371	-228		
1.600	57	21	9	273	-176	0	0	0	363	-234		
1.650	26	10	4	248	-190	0	0	0	329	-253		
1.686	0	1	0	225	-201	0	0	-224	299	-268		
1.700	-10	-3	-2	217	-206	0	0	-229	288	-274		
1.750	-52	-18	-9	179	-222	0	0	-246	238	-295		
1.764	-64	-22	-11	167	-226	0	0	-251	222	-300		
1.800	-99	-35	-17	130	-235	0	0	-262	172	-313		
1.850	-152	-53	-26	84	-247	0	0	-290	112	-347		
1.882	-189	-66	-32	78	-253	0	0	-316	104	-378		
1.893	-202	-71	-34	79	-255	0	0	-329	106	-394		
1.900	-210	-74	-35	80	-258	0	0	-339	106	-406		
1.950	-274	-97	-46	84	-269	0	0	-410	112	-490		
2.000	-343	-121	-58	91	-279	0	0	-486	121	-582		
2.000	-343	-121	-58	90	-279	0	0	-484	120	-580		
2.042	-258	-91	-43	74	-208	0	0	-402	98	-481		
2.050	-243	-86	-41	71	-198	0	0	-387	95	-463		
2.075	-197	-70	-33	63	-161	0	0	-339	83	-406		
2.085	-180	-64	-30	59	-158	0	0	-322	79	-385		
2.100	-153	-54	-25	55	-154	0	0	-293	74	-351		
2.150	-73	-26	-12	89	-141	0	0	-218	118	-261		
2.200	-2	-1	0	143	-129	0	0	-157	190	-188		
2.202	0	0	1	144	-128	0	0	-156	192	-186		
2.210	10	3	2	153	-126	0	0	0	204	-168		
2.250	57	19	10	207	-117	0	0	0	275	-156		
2.300	106	36	18	265	-106	0	0	0	353	-140		
2.335	133	45	23	300	-100	0	0	0	399	-133		
2.350	143	49	25	312	-97	0	0	0	415	-129		
2.400	166	58	29	342	-87	0	0	0	455	-116		
2.450	179	62	31	361	-81	0	0	0	481	-108		
2.460	180	63	31	363	-84	0	0	0	483	-112		
2.485	182	63	31	367	-94	0	0	0	488	-126		
2.500	181	63	31	369	-100	0	0	0	490	-133		
2.550	173	60	30	367	-119	0	0	0	487	-159		
2.585	161	55	27	363	-133	0	0	0	483	-176		
2.600	153	53	26	358	-138	0	0	0	477	-184		
2.650	119	42	20	330	-156	0	0	0	439	-207		
2.700	75	26	13	290	-173	0	0	0	386	-230		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
2.710	65	23	11	281	-176	0	0	0	373	-234		
2.750	20	7	3	239	-192	0	0	0	318	-256		
2.766	0	0	0	219	-198	0	0	-220	292	-264		
2.800	-46	-16	-8	178	-212	0	0	-240	237	-287		
2.835	-98	-35	-17	136	-225	0	0	-280	181	-335		
2.850	-123	-43	-21	116	-231	0	0	-305	154	-365		
2.888	-188	-66	-33	75	-239	0	0	-367	99	-439		
2.900	-212	-74	-37	76	-244	0	0	-389	101	-466		
2.917	-245	-86	-42	78	-247	0	0	-422	104	-505		
2.950	-312	-109	-54	88	-257	0	0	-500	117	-599		
3.000	-424	-148	-73	105	-320	0	0	-629	140	-753		
3.000	-423	-148	-73	104	-317	0	0	-626	138	-750		
3.042	-333	-117	-58	82	-291	0	0	-530	109	-634		
3.050	-318	-111	-55	78	-286	0	0	-512	104	-613		
3.085	-252	-88	-44	59	-263	0	0	-435	78	-520		
3.100	-223	-78	-39	52	-257	0	0	-404	69	-484		
3.113	-201	-70	-35	59	-249	0	0	-382	78	-457		
3.150	-138	-48	-24	94	-234	0	0	-318	124	-381		
3.200	-63	-22	-11	147	-213	0	0	-247	196	-296		
3.210	-50	-17	-9	158	-208	0	0	-236	210	-283		
3.249	0	0	0	210	-193	0	0	-214	279	-256		
3.250	1	1	0	211	-192	0	0	0	281	-256		
3.300	55	19	9	269	-177	0	0	0	357	-236		
3.335	86	30	14	302	-167	0	0	0	402	-222		
3.350	97	34	16	314	-161	0	0	0	418	-214		
3.400	126	44	22	344	-143	0	0	0	457	-190		
3.450	144	51	25	362	-125	0	0	0	482	-166		
3.460	146	52	25	364	-121	0	0	0	484	-161		
3.500	151	53	26	369	-106	0	0	0	491	-141		
3.510	152	53	26	369	-106	0	0	0	491	-140		
3.550	148	52	25	367	-120	0	0	0	488	-159		
3.585	140	49	24	364	-133	0	0	0	483	-176		
3.600	133	47	23	359	-138	0	0	0	477	-184		
3.650	105	37	18	330	-156	0	0	0	439	-207		
3.700	66	24	12	290	-173	0	0	0	386	-230		
3.710	58	21	10	280	-176	0	0	0	373	-234		
3.750	17	6	3	239	-192	0	0	0	317	-255		
3.765	0	0	0	220	-198	0	0	-220	293	-263		
3.800	-43	-15	-7	178	-212	0	0	-240	237	-287		
3.835	-91	-32	-16	136	-225	0	0	-280	181	-336		
3.850	-115	-40	-20	116	-230	0	0	-305	154	-366		
3.887	-176	-62	-30	75	-239	0	0	-368	99	-440		
3.900	-198	-70	-34	76	-243	0	0	-390	101	-467		
3.917	-229	-81	-39	78	-247	0	0	-422	103	-505		
3.950	-293	-103	-50	87	-256	0	0	-501	116	-600		
4.000	-399	-140	-69	118	-321	0	0	-630	158	-754		
4.000	-398	-140	-68	116	-319	0	0	-628	155	-751		
4.042	-310	-109	-53	97	-292	0	0	-531	129	-635		
4.050	-295	-104	-51	94	-288	0	0	-514	125	-615		
4.085	-230	-81	-40	83	-264	0	0	-436	111	-521		
4.100	-202	-71	-35	81	-258	0	0	-405	108	-485		
4.112	-180	-63	-31	80	-250	0	0	-383	106	-458		
4.150	-118	-41	-20	95	-235	0	0	-319	126	-382		
4.200	-44	-15	-8	148	-214	0	0	-248	196	-297		
4.210	-31	-11	-5	158	-208	0	0	-237	210	-284		
4.234	0	0	0	191	-199	0	0	-221	254	-265		
4.250	18	6	3	211	-194	0	0	0	281	-258		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
4.300	70	24	12	269	-179	0	0	0	358	-238		
4.335	100	35	17	303	-168	0	0	0	402	-223		
4.350	111	38	19	315	-162	0	0	0	418	-216		
4.400	138	48	24	344	-144	0	0	0	458	-191		
4.450	155	54	27	362	-125	0	0	0	482	-167		
4.460	157	55	27	364	-122	0	0	0	484	-162		
4.500	161	56	28	369	-107	0	0	0	491	-142		
4.503	161	56	28	369	-106	0	0	0	491	-141		
4.550	156	54	27	367	-120	0	0	0	488	-159		
4.585	146	51	25	364	-133	0	0	0	484	-176		
4.600	139	49	24	359	-138	0	0	0	477	-184		
4.650	109	38	19	330	-156	0	0	0	439	-207		
4.700	69	24	12	290	-173	0	0	0	386	-230		
4.710	60	21	10	280	-176	0	0	0	373	-234		
4.750	18	7	3	239	-192	0	0	0	317	-255		
4.765	0	0	0	220	-198	0	0	-220	292	-263		
4.800	-44	-15	-8	178	-212	0	0	-240	237	-287		
4.835	-93	-33	-16	136	-225	0	0	-280	181	-336		
4.850	-117	-41	-20	116	-230	0	0	-305	154	-366		
4.887	-180	-63	-31	74	-239	0	0	-368	99	-440		
4.900	-202	-71	-35	76	-243	0	0	-390	101	-467		
4.917	-234	-82	-40	77	-247	0	0	-423	103	-506		
4.950	-298	-105	-51	88	-256	0	0	-502	116	-601		
5.000	-406	-142	-70	119	-321	0	0	-630	158	-754		
5.000	-406	-142	-70	117	-319	0	0	-628	155	-751		
5.042	-317	-111	-55	97	-292	0	0	-531	129	-635		
5.050	-302	-106	-52	94	-288	0	0	-514	125	-615		
5.085	-236	-83	-41	84	-264	0	0	-436	112	-521		
5.100	-208	-73	-36	82	-258	0	0	-405	109	-485		
5.112	-186	-65	-32	80	-250	0	0	-383	107	-458		
5.150	-124	-43	-21	95	-235	0	0	-319	127	-382		
5.200	-50	-17	-9	148	-214	0	0	-248	196	-297		
5.210	-37	-13	-6	158	-208	0	0	-237	210	-284		
5.239	0	0	0	197	-197	0	0	-219	262	-262		
5.250	13	5	2	211	-194	0	0	0	281	-258		
5.300	65	23	11	269	-179	0	0	0	358	-238		
5.335	95	33	16	303	-168	0	0	0	402	-223		
5.350	106	37	18	315	-162	0	0	0	418	-216		
5.400	134	47	23	344	-144	0	0	0	458	-191		
5.450	151	53	26	362	-125	0	0	0	482	-167		
5.460	153	54	26	364	-122	0	0	0	484	-162		
5.500	157	55	27	369	-107	0	0	0	491	-142		
5.504	157	55	27	369	-105	0	0	0	491	-140		
5.550	153	53	26	367	-119	0	0	0	488	-159		
5.585	143	50	25	364	-132	0	0	0	484	-176		
5.600	137	48	23	359	-138	0	0	0	477	-183		
5.650	107	38	19	330	-155	0	0	0	439	-207		
5.700	67	24	12	290	-172	0	0	0	386	-229		
5.710	58	21	10	280	-176	0	0	0	373	-233		
5.750	16	6	3	239	-192	0	0	0	317	-255		
5.764	0	0	0	221	-197	0	0	-219	294	-262		
5.800	-45	-16	-8	178	-212	0	0	-240	237	-287		
5.835	-94	-33	-16	136	-224	0	0	-280	181	-335		
5.850	-118	-41	-20	116	-230	0	0	-305	154	-365		
5.888	-180	-63	-31	70	-238	0	0	-368	94	-440		
5.900	-202	-71	-35	63	-243	0	0	-390	83	-467		
5.917	-234	-82	-40	65	-247	0	0	-422	87	-506		
5.950	-298	-105	-51	87	-256	0	0	-502	116	-600		

----- UNFACTORED MOMENT SUMMARY -----													
GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE) .													
LANE POSITION: MULTIPLE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
6.000		-406	-142	-70	119	-321	0	0	-630	158	-754		
6.000		-405	-142	-70	116	-319	0	0	-628	155	-751		
6.042		-316	-111	-54	97	-293	0	0	-531	129	-635		
6.050		-301	-106	-52	94	-288	0	0	-513	125	-615		
6.085		-235	-83	-40	84	-264	0	0	-435	112	-521		
6.100		-207	-73	-36	82	-258	0	0	-405	109	-485		
6.112		-185	-65	-32	80	-250	0	0	-383	107	-458		
6.150		-122	-43	-21	95	-235	0	0	-319	127	-382		
6.200		-48	-17	-8	148	-214	0	0	-248	196	-297		
6.210		-35	-12	-6	158	-209	0	0	-237	210	-284		
6.237		0	0	0	195	-198	0	0	-220	259	-263		
6.250		15	5	3	211	-194	0	0	0	281	-258		
6.300		68	24	12	269	-179	0	0	0	358	-238		
6.335		98	34	17	303	-168	0	0	0	402	-223		
6.350		109	38	18	315	-162	0	0	0	418	-216		
6.400		137	48	23	344	-144	0	0	0	457	-191		
6.450		154	54	26	362	-125	0	0	0	482	-167		
6.460		156	55	27	364	-122	0	0	0	484	-162		
6.500		161	56	28	369	-107	0	0	0	491	-142		
6.506		161	56	28	369	-105	0	0	0	491	-139		
6.550		157	55	27	367	-101	0	0	0	488	-134		
6.585		147	51	25	363	-109	0	0	0	483	-145		
6.600		141	49	24	358	-114	0	0	0	477	-151		
6.650		112	39	19	330	-127	0	0	0	439	-169		
6.700		72	25	12	290	-143	0	0	0	385	-190		
6.710		63	22	11	280	-146	0	0	0	372	-194		
6.750		21	8	4	238	-160	0	0	0	316	-212		
6.769		0	0	0	214	-165	0	0	-184	285	-220		
6.800		-40	-14	-7	177	-176	0	0	-202	235	-242		
6.835		-88	-31	-16	134	-187	0	0	-241	179	-288		
6.850		-112	-40	-20	114	-191	0	0	-262	152	-314		
6.900		-196	-69	-34	56	-202	0	0	-340	75	-407		
6.917		-228	-80	-40	63	-204	0	0	-376	84	-450		
6.950		-291	-103	-51	85	-211	0	0	-450	113	-538		
7.000		-398	-140	-69	116	-322	0	0	-568	154	-680		
7.000		-397	-140	-69	114	-319	0	0	-566	152	-678		
7.050		-312	-110	-54	96	-296	0	0	-474	128	-568		
7.053		-307	-108	-53	93	-292	0	0	-469	123	-561		
7.100		-234	-83	-41	86	-270	0	0	-390	114	-467		
7.106		-225	-80	-39	85	-266	0	0	-381	113	-456		
7.125		-196	-69	-34	83	-260	0	0	-353	110	-423		
7.150		-160	-57	-28	80	-252	0	0	-322	107	-386		
7.200		-93	-33	-16	117	-235	0	0	-266	156	-319		
7.250		-34	-12	-6	170	-219	0	0	-243	226	-291		
7.262		-20	-7	-3	182	-215	0	0	-238	242	-285		
7.281		0	0	0	202	-209	0	0	-232	269	-278		
7.300		19	7	3	223	-204	0	0	0	297	-272		
7.350		66	23	11	270	-193	0	0	0	360	-256		
7.400		105	36	18	310	-181	0	0	0	412	-240		
7.418		118	41	20	322	-176	0	0	0	428	-234		
7.450		136	47	23	335	-167	0	0	0	446	-223		
7.500		159	56	28	350	-153	0	0	0	465	-203		
7.550		175	62	30	359	-139	0	0	0	478	-184		
7.575		180	64	31	362	-131	0	0	0	482	-175		
7.600		184	65	32	366	-124	0	0	0	486	-165		
7.643		187	66	33	366	-112	0	0	0	486	-149		
7.650		186	66	33	366	-110	0	0	0	487	-146		

----- UNFACTORED MOMENT SUMMARY -----												
GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *												
LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.												
LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE) .												
LANE POSITION: MULTIPLE LANE WITH IMPACT												
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
7.700		182	64	32	354	-95	0	0	0	471	-127	
7.731		176	62	31	339	-86	0	0	0	451	-115	
7.750		170	60	30	325	-82	0	0	0	432	-108	
7.800		150	53	26	281	-67	0	0	0	374	-89	
7.850		122	43	21	225	-52	0	0	0	299	-69	
7.865		113	40	20	206	-46	0	0	0	273	-61	
7.900		88	31	16	161	-36	0	0	0	215	-47	
7.950		48	17	8	87	-19	0	0	0	116	-25	
7.994		6	2	1	10	-2	0	0	0	14	-3	
8.000		0	0	0	4	-3	0	0	-3	6	-4	
8.000		0	0	0	0	-1	0	0	-1	0	-2	
8.375		0	0	0	0	-1	0	0	-1	0	-1	
9.000		0	0	0	0	0	0	0	0	0	0	
GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *												
LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.												
LIVE LOAD: MaineDOT Config-3 MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE) .												
LANE POSITION: MULTIPLE LANE WITH IMPACT												
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
0.000		0	0	0	1	0	0	0	1	-1		
0.625		0	0	0	1	0	0	0	-1	1	-1	
1.000		0	0	0	1	-1	0	0	-1	1	-1	
1.000		0	0	0	1	-1	0	0	-1	2	-1	
1.000		0	0	0	1	-1	0	0	-1	2	-1	
1.049		34	12	4	62	-15	0	0	0	82	-19	
1.050		35	12	4	64	-15	0	0	0	85	-20	
1.100		64	23	7	120	-30	0	0	0	159	-40	
1.109		68	24	8	129	-33	0	0	0	171	-43	
1.150		87	31	10	170	-45	0	0	0	226	-60	
1.169		95	34	12	186	-51	0	0	0	248	-68	
1.200		106	38	13	213	-60	0	0	0	283	-80	
1.203		107	38	14	215	-61	0	0	0	286	-81	
1.230		115	41	15	237	-69	0	0	0	315	-92	
1.248		119	43	16	250	-75	0	0	0	333	-99	
1.250		119	43	16	252	-75	0	0	0	335	-100	
1.300		127	45	18	281	-90	0	0	0	374	-120	
1.350		130	46	19	305	-105	0	0	0	405	-140	
1.352		130	46	19	305	-106	0	0	0	406	-141	
1.400		128	45	19	321	-120	0	0	0	427	-160	
1.407		127	45	19	323	-122	0	0	0	429	-163	
1.450		118	42	18	322	-135	0	0	0	428	-179	
1.500		103	37	16	313	-149	0	0	0	416	-198	
1.550		82	30	13	300	-163	0	0	0	399	-217	
1.585		65	24	10	289	-172	0	0	0	384	-229	
1.600		57	21	9	283	-177	0	0	0	377	-235	
1.650		26	10	4	258	-191	0	0	0	343	-254	
1.686		0	1	0	233	-202	0	0	-227	310	-272	
1.700		-10	-3	-2	224	-207	0	0	-232	298	-278	
1.750		-52	-18	-9	183	-223	0	0	-250	243	-299	
1.764		-64	-22	-11	170	-227	0	0	-254	226	-305	
1.800		-99	-35	-17	131	-236	0	0	-265	175	-317	
1.850		-152	-53	-26	82	-248	0	0	-293	110	-351	
1.882		-189	-66	-32	79	-254	0	0	-329	105	-394	

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT	DW MOMENT	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
1.893	-202	-71	-34	80	-256	0	0	-344	106	-412		
1.900	-210	-74	-35	80	-259	0	0	-354	107	-424		
1.950	-274	-97	-46	85	-271	0	0	-439	113	-526		
2.000	-343	-121	-58	93	-281	0	0	-533	123	-638		
2.000	-343	-121	-58	92	-281	0	0	-531	122	-636		
2.042	-258	-91	-43	74	-211	0	0	-437	99	-523		
2.050	-243	-86	-41	72	-201	0	0	-421	95	-504		
2.075	-197	-70	-33	63	-171	0	0	-371	84	-444		
2.085	-180	-64	-30	60	-168	0	0	-351	79	-420		
2.100	-153	-54	-25	56	-164	0	0	-318	74	-381		
2.150	-73	-26	-12	86	-151	0	0	-219	115	-262		
2.200	-2	-1	0	146	-137	0	0	-158	194	-189		
2.202	0	0	1	147	-136	0	0	-157	195	-188		
2.210	10	3	2	157	-134	0	0	0	209	-179		
2.250	57	19	10	210	-125	0	0	0	279	-166		
2.300	106	36	18	268	-113	0	0	0	357	-150		
2.335	133	45	23	303	-107	0	0	0	403	-142		
2.350	143	49	25	315	-104	0	0	0	419	-138		
2.400	166	58	29	346	-93	0	0	0	461	-124		
2.450	179	62	31	367	-83	0	0	0	488	-110		
2.460	180	63	31	369	-85	0	0	0	491	-113		
2.485	182	63	31	375	-95	0	0	0	498	-126		
2.500	181	63	31	377	-101	0	0	0	501	-134		
2.550	173	60	30	375	-120	0	0	0	498	-160		
2.585	161	55	27	370	-133	0	0	0	492	-177		
2.600	153	53	26	364	-139	0	0	0	484	-185		
2.650	119	42	20	335	-156	0	0	0	446	-208		
2.700	75	26	13	294	-174	0	0	0	391	-231		
2.710	65	23	11	284	-177	0	0	0	378	-235		
2.750	20	7	3	242	-193	0	0	0	323	-257		
2.766	0	0	0	223	-199	0	0	-224	297	-268		
2.800	-46	-16	-8	182	-213	0	0	-240	242	-287		
2.835	-98	-35	-17	134	-226	0	0	-263	178	-315		
2.850	-123	-43	-21	112	-232	0	0	-281	149	-337		
2.888	-188	-66	-33	75	-240	0	0	-353	100	-423		
2.900	-212	-74	-37	77	-245	0	0	-382	102	-457		
2.917	-245	-86	-42	78	-249	0	0	-426	104	-509		
2.950	-312	-109	-54	89	-259	0	0	-515	119	-616		
3.000	-424	-148	-73	107	-324	0	0	-657	142	-786		
3.000	-423	-148	-73	105	-322	0	0	-654	140	-783		
3.042	-333	-117	-58	83	-295	0	0	-546	110	-654		
3.050	-318	-111	-55	79	-290	0	0	-527	105	-631		
3.085	-252	-88	-44	60	-266	0	0	-441	79	-528		
3.100	-223	-78	-39	54	-260	0	0	-402	72	-481		
3.113	-201	-70	-35	59	-252	0	0	-374	79	-448		
3.150	-138	-48	-24	91	-236	0	0	-301	120	-361		
3.200	-63	-22	-11	150	-214	0	0	-240	200	-287		
3.210	-50	-17	-9	162	-209	0	0	-234	216	-280		
3.249	0	0	0	213	-195	0	0	-218	283	-261		
3.250	1	1	0	214	-194	0	0	0	285	-259		
3.300	55	19	9	271	-179	0	0	0	361	-238		
3.335	86	30	14	305	-168	0	0	0	406	-223		
3.350	97	34	16	317	-162	0	0	0	422	-216		
3.400	126	44	22	348	-144	0	0	0	463	-192		
3.450	144	51	25	368	-125	0	0	0	490	-167		
3.460	146	52	25	370	-122	0	0	0	493	-162		
3.500	151	53	26	377	-107	0	0	0	502	-142		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
3.510	152	53	26	377	-106	0	0	0	502	-141		
3.550	148	52	25	375	-120	0	0	0	498	-160		
3.585	140	49	24	370	-133	0	0	0	492	-177		
3.600	133	47	23	364	-139	0	0	0	485	-185		
3.650	105	37	18	335	-156	0	0	0	445	-208		
3.700	66	24	12	294	-174	0	0	0	390	-231		
3.710	58	21	10	284	-177	0	0	0	377	-235		
3.750	17	6	3	242	-193	0	0	0	322	-256		
3.765	0	0	0	224	-198	0	0	-223	298	-267		
3.800	-43	-15	-7	181	-213	0	0	-239	241	-286		
3.835	-91	-32	-16	134	-226	0	0	-263	178	-315		
3.850	-115	-40	-20	112	-231	0	0	-282	149	-337		
3.887	-176	-62	-30	75	-240	0	0	-354	100	-424		
3.900	-198	-70	-34	76	-245	0	0	-383	102	-458		
3.917	-229	-81	-39	78	-249	0	0	-426	104	-510		
3.950	-293	-103	-50	89	-258	0	0	-516	118	-617		
4.000	-399	-140	-69	120	-325	0	0	-658	160	-787		
4.000	-398	-140	-68	118	-323	0	0	-655	157	-785		
4.042	-310	-109	-53	98	-296	0	0	-547	131	-655		
4.050	-295	-104	-51	95	-291	0	0	-528	126	-632		
4.085	-230	-81	-40	84	-268	0	0	-442	112	-529		
4.100	-202	-71	-35	82	-261	0	0	-403	109	-482		
4.112	-180	-63	-31	80	-253	0	0	-375	106	-449		
4.150	-118	-41	-20	93	-237	0	0	-302	123	-361		
4.200	-44	-15	-8	151	-215	0	0	-241	200	-288		
4.210	-31	-11	-5	162	-210	0	0	-235	216	-281		
4.234	0	0	0	195	-200	0	0	-224	259	-268		
4.250	18	6	3	215	-196	0	0	0	285	-260		
4.300	70	24	12	272	-180	0	0	0	361	-239		
4.335	100	35	17	306	-169	0	0	0	407	-225		
4.350	111	38	19	318	-163	0	0	0	422	-217		
4.400	138	48	24	348	-145	0	0	0	463	-193		
4.450	155	54	27	368	-126	0	0	0	490	-168		
4.460	157	55	27	371	-123	0	0	0	493	-163		
4.500	161	56	28	377	-108	0	0	0	502	-143		
4.503	161	56	28	377	-107	0	0	0	502	-142		
4.550	156	54	27	375	-120	0	0	0	498	-160		
4.585	146	51	25	370	-133	0	0	0	492	-177		
4.600	139	49	24	364	-139	0	0	0	485	-185		
4.650	109	38	19	335	-156	0	0	0	445	-208		
4.700	69	24	12	294	-174	0	0	0	390	-231		
4.710	60	21	10	284	-177	0	0	0	377	-235		
4.750	18	7	3	242	-193	0	0	0	322	-256		
4.765	0	0	0	223	-199	0	0	-223	297	-267		
4.800	-44	-15	-8	181	-213	0	0	-239	241	-286		
4.835	-93	-33	-16	134	-226	0	0	-263	178	-315		
4.850	-117	-41	-20	112	-231	0	0	-282	149	-337		
4.887	-180	-63	-31	75	-240	0	0	-354	99	-424		
4.900	-202	-71	-35	76	-245	0	0	-383	101	-458		
4.917	-234	-82	-40	78	-249	0	0	-427	104	-511		
4.950	-298	-105	-51	89	-258	0	0	-516	118	-617		
5.000	-406	-142	-70	120	-326	0	0	-658	160	-787		
5.000	-406	-142	-70	118	-323	0	0	-655	157	-785		
5.042	-317	-111	-55	99	-296	0	0	-547	131	-655		
5.050	-302	-106	-52	95	-291	0	0	-528	126	-632		
5.085	-236	-83	-41	84	-268	0	0	-442	112	-529		
5.100	-208	-73	-36	82	-261	0	0	-403	110	-482		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
5.112	-186	-65	-32	81	-253	0	0	-375	107	-449		
5.150	-124	-43	-21	93	-238	0	0	-302	124	-361		
5.200	-50	-17	-9	151	-215	0	0	-241	200	-288		
5.210	-37	-13	-6	162	-210	0	0	-235	216	-281		
5.239	0	0	0	201	-199	0	0	-223	267	-267		
5.250	13	5	2	215	-196	0	0	0	285	-260		
5.300	65	23	11	272	-180	0	0	0	361	-239		
5.335	95	33	16	306	-169	0	0	0	407	-225		
5.350	106	37	18	318	-163	0	0	0	422	-217		
5.400	134	47	23	348	-145	0	0	0	463	-193		
5.450	151	53	26	368	-126	0	0	0	490	-168		
5.460	153	54	26	370	-123	0	0	0	493	-163		
5.500	157	55	27	377	-108	0	0	0	502	-143		
5.504	157	55	27	377	-106	0	0	0	502	-141		
5.550	153	53	26	375	-120	0	0	0	498	-160		
5.585	143	50	25	370	-133	0	0	0	492	-177		
5.600	137	48	23	364	-139	0	0	0	485	-185		
5.650	107	38	19	335	-156	0	0	0	445	-208		
5.700	67	24	12	294	-173	0	0	0	390	-230		
5.710	58	21	10	284	-176	0	0	0	377	-235		
5.750	16	6	3	242	-193	0	0	0	322	-256		
5.764	0	0	0	225	-198	0	0	-222	299	-266		
5.800	-45	-16	-8	181	-213	0	0	-239	241	-286		
5.835	-94	-33	-16	134	-225	0	0	-263	178	-315		
5.850	-118	-41	-20	112	-231	0	0	-282	149	-337		
5.888	-180	-63	-31	71	-240	0	0	-354	94	-424		
5.900	-202	-71	-35	65	-245	0	0	-383	87	-458		
5.917	-234	-82	-40	68	-249	0	0	-426	90	-510		
5.950	-298	-105	-51	89	-258	0	0	-516	118	-617		
6.000	-406	-142	-70	120	-326	0	0	-658	160	-787		
6.000	-405	-142	-70	118	-323	0	0	-655	157	-784		
6.042	-316	-111	-54	98	-296	0	0	-547	131	-655		
6.050	-301	-106	-52	95	-292	0	0	-528	126	-632		
6.085	-235	-83	-40	85	-268	0	0	-442	112	-529		
6.100	-207	-73	-36	83	-261	0	0	-403	110	-482		
6.112	-185	-65	-32	81	-253	0	0	-375	107	-449		
6.150	-122	-43	-21	93	-238	0	0	-302	124	-361		
6.200	-48	-17	-8	151	-215	0	0	-241	200	-288		
6.210	-35	-12	-6	162	-210	0	0	-235	216	-281		
6.237	0	0	0	199	-200	0	0	-223	264	-267		
6.250	15	5	3	215	-196	0	0	0	285	-261		
6.300	68	24	12	272	-180	0	0	0	361	-239		
6.335	98	34	17	306	-169	0	0	0	407	-225		
6.350	109	38	18	318	-163	0	0	0	422	-217		
6.400	137	48	23	348	-145	0	0	0	463	-193		
6.450	154	54	26	368	-126	0	0	0	490	-168		
6.460	156	55	27	370	-123	0	0	0	493	-163		
6.500	161	56	28	377	-107	0	0	0	501	-143		
6.506	161	56	28	377	-105	0	0	0	502	-140		
6.550	157	55	27	375	-104	0	0	0	498	-138		
6.585	147	51	25	370	-113	0	0	0	492	-151		
6.600	141	49	24	364	-118	0	0	0	484	-157		
6.650	112	39	19	335	-132	0	0	0	445	-176		
6.700	72	25	12	293	-148	0	0	0	390	-197		
6.710	63	22	11	283	-151	0	0	0	377	-201		
6.750	21	8	4	241	-166	0	0	0	321	-220		
6.769	0	0	0	218	-172	0	0	-191	290	-229		
6.800	-40	-14	-7	180	-183	0	0	-204	240	-245		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT	DW MOMENT	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
6.835	-88	-31	-16	132	-194	0	0	-231	176	-276		
6.850	-112	-40	-20	110	-199	0	0	-254	146	-304		
6.900	-196	-69	-34	57	-210	0	0	-351	76	-420		
6.917	-228	-80	-40	64	-213	0	0	-394	85	-471		
6.950	-291	-103	-51	86	-220	0	0	-480	114	-574		
7.000	-398	-140	-69	117	-326	0	0	-616	156	-738		
7.000	-397	-140	-69	115	-324	0	0	-614	154	-735		
7.050	-312	-110	-54	98	-300	0	0	-509	130	-609		
7.053	-307	-108	-53	94	-296	0	0	-502	125	-601		
7.100	-234	-83	-41	86	-274	0	0	-410	115	-490		
7.106	-225	-80	-39	85	-269	0	0	-398	113	-477		
7.125	-196	-69	-34	83	-263	0	0	-363	111	-434		
7.150	-160	-57	-28	81	-255	0	0	-322	108	-385		
7.200	-93	-33	-16	119	-238	0	0	-265	158	-318		
7.250	-34	-12	-6	171	-221	0	0	-247	228	-296		
7.262	-20	-7	-3	184	-216	0	0	-242	245	-290		
7.281	0	0	0	205	-211	0	0	-236	272	-282		
7.300	19	7	3	226	-206	0	0	0	300	-274		
7.350	66	23	11	275	-194	0	0	0	366	-258		
7.400	105	36	18	318	-182	0	0	0	423	-242		
7.418	118	41	20	331	-178	0	0	0	441	-236		
7.450	136	47	23	348	-169	0	0	0	463	-224		
7.500	159	56	28	367	-154	0	0	0	488	-205		
7.550	175	62	30	374	-140	0	0	0	498	-186		
7.575	180	64	31	375	-132	0	0	0	499	-176		
7.600	184	65	32	378	-125	0	0	0	502	-166		
7.643	187	66	33	376	-112	0	0	0	500	-149		
7.650	186	66	33	377	-110	0	0	0	501	-147		
7.700	182	64	32	363	-96	0	0	0	483	-127		
7.731	176	62	31	347	-87	0	0	0	461	-115		
7.750	170	60	30	332	-83	0	0	0	441	-110		
7.800	150	53	26	287	-68	0	0	0	381	-90		
7.850	122	43	21	228	-52	0	0	0	304	-70		
7.865	113	40	20	209	-46	0	0	0	278	-61		
7.900	88	31	16	164	-36	0	0	0	218	-48		
7.950	48	17	8	88	-19	0	0	0	117	-25		
7.994	6	2	1	11	-2	0	0	0	14	-3		
8.000	0	0	0	4	-3	0	0	-3	6	-4		
8.000	0	0	0	0	-1	0	0	-1	0	-2		
8.375	0	0	0	0	-1	0	0	-1	0	-1		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT	DW MOMENT	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
0.000	0	0	0	1	0	0	0	0	1	-1		
0.625	0	0	0	1	0	0	0	-1	1	-1		
1.000	0	0	0	1	0	0	0	-1	1	-1		
1.000	0	0	0	1	-1	0	0	-1	2	-1		
1.000	0	0	0	1	-1	0	0	-1	2	-1		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.049	34	12	4	66	-15	0	0	0	87	-19		
1.050	35	12	4	68	-15	0	0	0	90	-20		
1.100	64	23	7	127	-30	0	0	0	169	-40		
1.109	68	24	8	136	-32	0	0	0	181	-43		
1.150	87	31	10	178	-45	0	0	0	237	-59		
1.169	95	34	12	195	-50	0	0	0	260	-67		
1.200	106	38	13	220	-60	0	0	0	293	-79		
1.203	107	38	14	222	-61	0	0	0	295	-81		
1.230	115	41	15	240	-69	0	0	0	320	-91		
1.248	119	43	16	253	-74	0	0	0	337	-99		
1.250	119	43	16	255	-75	0	0	0	339	-99		
1.300	127	45	18	283	-90	0	0	0	377	-119		
1.350	130	46	19	302	-105	0	0	0	401	-139		
1.352	130	46	19	302	-105	0	0	0	402	-140		
1.400	128	45	19	310	-120	0	0	0	412	-159		
1.407	127	45	19	310	-122	0	0	0	413	-162		
1.450	118	42	18	307	-134	0	0	0	408	-178		
1.500	103	37	16	302	-148	0	0	0	402	-196		
1.550	82	30	13	291	-162	0	0	0	387	-215		
1.585	65	24	10	277	-171	0	0	0	368	-228		
1.600	57	21	9	270	-176	0	0	0	360	-234		
1.650	26	10	4	247	-190	0	0	0	328	-253		
1.686	0	1	0	226	-201	0	0	-224	300	-269		
1.700	-10	-3	-2	218	-206	0	0	-229	290	-275		
1.750	-52	-18	-9	182	-221	0	0	-247	242	-296		
1.764	-64	-22	-11	170	-225	0	0	-252	226	-301		
1.800	-99	-35	-17	130	-234	0	0	-262	173	-313		
1.850	-152	-53	-26	79	-246	0	0	-291	106	-348		
1.882	-189	-66	-32	78	-252	0	0	-326	104	-390		
1.893	-202	-71	-34	79	-254	0	0	-341	105	-408		
1.900	-210	-74	-35	80	-257	0	0	-350	106	-419		
1.950	-274	-97	-46	84	-268	0	0	-434	111	-519		
2.000	-343	-121	-58	92	-278	0	0	-521	122	-624		
2.000	-343	-121	-58	91	-278	0	0	-520	121	-622		
2.042	-258	-91	-43	74	-210	0	0	-433	98	-519		
2.050	-243	-86	-41	71	-200	0	0	-417	95	-500		
2.075	-197	-70	-33	63	-169	0	0	-364	83	-436		
2.085	-180	-64	-30	59	-166	0	0	-345	79	-413		
2.100	-153	-54	-25	55	-162	0	0	-313	73	-374		
2.150	-73	-26	-12	83	-149	0	0	-219	111	-262		
2.200	-2	-1	0	143	-136	0	0	-158	191	-189		
2.202	0	0	1	144	-135	0	0	-156	192	-187		
2.210	10	3	2	155	-133	0	0	0	206	-177		
2.250	57	19	10	208	-124	0	0	0	276	-165		
2.300	106	36	18	264	-112	0	0	0	351	-149		
2.335	133	45	23	296	-106	0	0	0	394	-141		
2.350	143	49	25	307	-103	0	0	0	409	-137		
2.400	166	58	29	335	-92	0	0	0	446	-123		
2.450	179	62	31	354	-83	0	0	0	471	-110		
2.460	180	63	31	357	-84	0	0	0	475	-112		
2.485	182	63	31	364	-94	0	0	0	484	-125		
2.500	181	63	31	366	-100	0	0	0	487	-133		
2.550	173	60	30	367	-119	0	0	0	488	-158		
2.585	161	55	27	360	-132	0	0	0	478	-176		
2.600	153	53	26	354	-138	0	0	0	470	-184		
2.650	119	42	20	322	-155	0	0	0	428	-207		
2.700	75	26	13	283	-173	0	0	0	376	-229		
2.710	65	23	11	273	-176	0	0	0	363	-234		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
2.750	20	7	3	234	-192	0	0	0	311	-255		
2.766	0	0	0	215	-198	0	0	-221	286	-265		
2.800	-46	-16	-8	175	-212	0	0	-237	233	-284		
2.835	-98	-35	-17	131	-224	0	0	-263	174	-315		
2.850	-123	-43	-21	109	-230	0	0	-283	145	-339		
2.888	-188	-66	-33	74	-238	0	0	-353	99	-422		
2.900	-212	-74	-37	76	-243	0	0	-381	101	-456		
2.917	-245	-86	-42	78	-246	0	0	-421	103	-504		
2.950	-312	-109	-54	88	-255	0	0	-509	118	-609		
3.000	-424	-148	-73	106	-323	0	0	-652	141	-780		
3.000	-423	-148	-73	104	-320	0	0	-649	139	-777		
3.042	-333	-117	-58	82	-289	0	0	-540	110	-647		
3.050	-318	-111	-55	78	-284	0	0	-521	104	-623		
3.085	-252	-88	-44	59	-262	0	0	-436	79	-522		
3.100	-223	-78	-39	54	-255	0	0	-401	72	-480		
3.113	-201	-70	-35	53	-248	0	0	-374	71	-448		
3.150	-138	-48	-24	88	-233	0	0	-300	117	-360		
3.200	-63	-22	-11	148	-212	0	0	-237	197	-284		
3.210	-50	-17	-9	160	-207	0	0	-231	212	-277		
3.249	0	0	0	210	-193	0	0	-215	280	-258		
3.250	1	1	0	212	-193	0	0	0	282	-257		
3.300	55	19	9	267	-177	0	0	0	355	-236		
3.335	86	30	14	298	-167	0	0	0	397	-222		
3.350	97	34	16	309	-161	0	0	0	412	-215		
3.400	126	44	22	336	-143	0	0	0	447	-190		
3.450	144	51	25	356	-125	0	0	0	473	-166		
3.460	146	52	25	358	-121	0	0	0	477	-161		
3.500	151	53	26	367	-106	0	0	0	488	-141		
3.510	152	53	26	368	-105	0	0	0	489	-140		
3.550	148	52	25	368	-119	0	0	0	489	-159		
3.585	140	49	24	360	-132	0	0	0	479	-176		
3.600	133	47	23	354	-138	0	0	0	470	-184		
3.650	105	37	18	322	-155	0	0	0	428	-207		
3.700	66	24	12	282	-172	0	0	0	375	-229		
3.710	58	21	10	273	-176	0	0	0	363	-234		
3.750	17	6	3	233	-192	0	0	0	310	-255		
3.765	0	0	0	215	-197	0	0	-220	287	-264		
3.800	-43	-15	-7	174	-212	0	0	-237	232	-283		
3.835	-91	-32	-16	130	-224	0	0	-263	173	-315		
3.850	-115	-40	-20	109	-230	0	0	-284	145	-340		
3.887	-176	-62	-30	74	-238	0	0	-354	99	-423		
3.900	-198	-70	-34	76	-243	0	0	-382	101	-457		
3.917	-229	-81	-39	78	-246	0	0	-422	103	-505		
3.950	-293	-103	-50	88	-255	0	0	-509	117	-609		
4.000	-399	-140	-69	119	-324	0	0	-652	159	-781		
4.000	-398	-140	-68	117	-322	0	0	-650	156	-778		
4.042	-310	-109	-53	98	-290	0	0	-541	130	-648		
4.050	-295	-104	-51	94	-285	0	0	-521	125	-624		
4.085	-230	-81	-40	83	-263	0	0	-437	111	-523		
4.100	-202	-71	-35	81	-256	0	0	-402	108	-481		
4.112	-180	-63	-31	80	-249	0	0	-375	106	-449		
4.150	-118	-41	-20	90	-234	0	0	-301	120	-360		
4.200	-44	-15	-8	149	-213	0	0	-238	198	-285		
4.210	-31	-11	-5	160	-208	0	0	-233	213	-278		
4.234	0	0	0	192	-199	0	0	-222	256	-266		
4.250	18	6	3	212	-194	0	0	0	282	-258		
4.300	70	24	12	267	-179	0	0	0	355	-238		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
4.335	100	35	17	299	-168	0	0	0	397	-223		
4.350	111	38	19	310	-162	0	0	0	412	-216		
4.400	138	48	24	337	-144	0	0	0	448	-191		
4.450	155	54	27	356	-125	0	0	0	473	-167		
4.460	157	55	27	359	-122	0	0	0	477	-162		
4.500	161	56	28	367	-107	0	0	0	488	-142		
4.503	161	56	28	367	-106	0	0	0	489	-141		
4.550	156	54	27	368	-119	0	0	0	489	-159		
4.585	146	51	25	360	-132	0	0	0	479	-176		
4.600	139	49	24	354	-138	0	0	0	470	-184		
4.650	109	38	19	322	-155	0	0	0	428	-207		
4.700	69	24	12	282	-172	0	0	0	375	-229		
4.710	60	21	10	273	-176	0	0	0	363	-234		
4.750	18	7	3	233	-192	0	0	0	310	-255		
4.765	0	0	0	215	-197	0	0	-221	286	-264		
4.800	-44	-15	-8	174	-212	0	0	-237	232	-283		
4.835	-93	-33	-16	130	-224	0	0	-263	173	-315		
4.850	-117	-41	-20	109	-230	0	0	-284	145	-340		
4.887	-180	-63	-31	74	-238	0	0	-354	99	-423		
4.900	-202	-71	-35	76	-243	0	0	-382	100	-457		
4.917	-234	-82	-40	77	-246	0	0	-422	103	-505		
4.950	-298	-105	-51	88	-255	0	0	-510	117	-610		
5.000	-406	-142	-70	119	-324	0	0	-652	159	-781		
5.000	-406	-142	-70	117	-322	0	0	-650	156	-778		
5.042	-317	-111	-55	98	-290	0	0	-541	130	-648		
5.050	-302	-106	-52	94	-285	0	0	-521	126	-624		
5.085	-236	-83	-41	84	-263	0	0	-437	112	-523		
5.100	-208	-73	-36	82	-256	0	0	-402	109	-481		
5.112	-186	-65	-32	80	-249	0	0	-375	106	-449		
5.150	-124	-43	-21	91	-234	0	0	-301	120	-360		
5.200	-50	-17	-9	149	-213	0	0	-238	198	-285		
5.210	-37	-13	-6	160	-208	0	0	-233	213	-278		
5.239	0	0	0	198	-198	0	0	-221	264	-264		
5.250	13	5	2	212	-194	0	0	0	282	-258		
5.300	65	23	11	267	-179	0	0	0	355	-238		
5.335	95	33	16	299	-168	0	0	0	397	-223		
5.350	106	37	18	310	-162	0	0	0	412	-216		
5.400	134	47	23	337	-144	0	0	0	448	-191		
5.450	151	53	26	356	-125	0	0	0	473	-167		
5.460	153	54	26	359	-122	0	0	0	477	-162		
5.500	157	55	27	367	-107	0	0	0	488	-142		
5.504	157	55	27	367	-105	0	0	0	489	-140		
5.550	153	53	26	368	-119	0	0	0	489	-158		
5.585	143	50	25	360	-132	0	0	0	479	-176		
5.600	137	48	23	354	-138	0	0	0	470	-183		
5.650	107	38	19	322	-155	0	0	0	428	-206		
5.700	67	24	12	282	-172	0	0	0	375	-229		
5.710	58	21	10	273	-175	0	0	0	363	-233		
5.750	16	6	3	233	-192	0	0	0	310	-255		
5.764	0	0	0	216	-197	0	0	-220	288	-263		
5.800	-45	-16	-8	174	-212	0	0	-236	232	-283		
5.835	-94	-33	-16	130	-224	0	0	-263	173	-315		
5.850	-118	-41	-20	109	-230	0	0	-284	145	-340		
5.888	-180	-63	-31	64	-238	0	0	-353	86	-423		
5.900	-202	-71	-35	64	-242	0	0	-382	86	-457		
5.917	-234	-82	-40	67	-246	0	0	-421	89	-504		
5.950	-298	-105	-51	88	-255	0	0	-510	117	-610		
6.000	-406	-142	-70	119	-324	0	0	-652	159	-781		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
6.000	-405	-142	-70	117	-322	0	0	-650	156	-778		
6.042	-316	-111	-54	98	-290	0	0	-541	130	-648		
6.050	-301	-106	-52	94	-285	0	0	-521	125	-624		
6.085	-235	-83	-40	84	-263	0	0	-437	112	-523		
6.100	-207	-73	-36	82	-257	0	0	-402	109	-481		
6.112	-185	-65	-32	80	-249	0	0	-375	106	-449		
6.150	-122	-43	-21	91	-234	0	0	-301	120	-360		
6.200	-48	-17	-8	149	-213	0	0	-238	198	-285		
6.210	-35	-12	-6	160	-208	0	0	-233	213	-278		
6.237	0	0	0	196	-198	0	0	-221	261	-265		
6.250	15	5	3	212	-194	0	0	0	282	-258		
6.300	68	24	12	267	-179	0	0	0	355	-238		
6.335	98	34	17	299	-168	0	0	0	397	-223		
6.350	109	38	18	310	-162	0	0	0	412	-216		
6.400	137	48	23	337	-144	0	0	0	448	-191		
6.450	154	54	26	356	-125	0	0	0	473	-167		
6.460	156	55	27	359	-122	0	0	0	477	-162		
6.500	161	56	28	367	-107	0	0	0	488	-142		
6.506	161	56	28	367	-105	0	0	0	489	-139		
6.550	157	55	27	367	-103	0	0	0	489	-137		
6.585	147	51	25	360	-112	0	0	0	478	-149		
6.600	141	49	24	353	-117	0	0	0	470	-156		
6.650	112	39	19	321	-131	0	0	0	428	-175		
6.700	72	25	12	282	-147	0	0	0	375	-196		
6.710	63	22	11	272	-150	0	0	0	362	-200		
6.750	21	8	4	233	-164	0	0	0	309	-219		
6.769	0	0	0	210	-170	0	0	-188	280	-226		
6.800	-40	-14	-7	173	-182	0	0	-201	231	-242		
6.835	-88	-31	-16	129	-192	0	0	-231	171	-277		
6.850	-112	-40	-20	107	-197	0	0	-253	143	-303		
6.900	-196	-69	-34	56	-207	0	0	-349	75	-418		
6.917	-228	-80	-40	64	-210	0	0	-388	85	-464		
6.950	-291	-103	-51	85	-217	0	0	-475	113	-568		
7.000	-398	-140	-69	116	-325	0	0	-611	155	-731		
7.000	-397	-140	-69	115	-316	0	0	-609	152	-729		
7.050	-312	-110	-54	97	-294	0	0	-505	129	-605		
7.053	-307	-108	-53	93	-290	0	0	-496	124	-594		
7.100	-234	-83	-41	85	-270	0	0	-403	114	-483		
7.106	-225	-80	-39	85	-265	0	0	-392	113	-470		
7.125	-196	-69	-34	83	-259	0	0	-361	110	-432		
7.150	-160	-57	-28	80	-252	0	0	-321	107	-384		
7.200	-93	-33	-16	117	-235	0	0	-264	156	-317		
7.250	-34	-12	-6	174	-219	0	0	-245	231	-293		
7.262	-20	-7	-3	186	-214	0	0	-239	247	-287		
7.281	0	0	0	207	-209	0	0	-233	275	-279		
7.300	19	7	3	227	-205	0	0	0	302	-272		
7.350	66	23	11	273	-193	0	0	0	363	-256		
7.400	105	36	18	312	-181	0	0	0	414	-241		
7.418	118	41	20	323	-177	0	0	0	429	-235		
7.450	136	47	23	336	-168	0	0	0	446	-223		
7.500	159	56	28	354	-153	0	0	0	471	-203		
7.550	175	62	30	366	-138	0	0	0	487	-184		
7.575	180	64	31	368	-131	0	0	0	489	-175		
7.600	184	65	32	368	-124	0	0	0	489	-165		
7.643	187	66	33	360	-112	0	0	0	478	-149		
7.650	186	66	33	359	-110	0	0	0	477	-146		
7.700	182	64	32	353	-95	0	0	0	470	-127		
7.731	176	62	31	343	-86	0	0	0	456	-115		

----- UNFACTORED MOMENT SUMMARY -----												
GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *												
LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.												
LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).												
LANE POSITION: MULTIPLE LANE WITH IMPACT												
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
7.750		170	60	30	332	-82	0	0	0	442	-109	
7.800		150	53	26	290	-67	0	0	0	386	-90	
7.850		122	43	21	236	-52	0	0	0	314	-69	
7.865		113	40	20	217	-46	0	0	0	289	-61	
7.900		88	31	16	173	-36	0	0	0	230	-48	
7.950		48	17	8	93	-19	0	0	0	124	-25	
7.994		6	2	1	11	-2	0	0	0	15	-3	
8.000		0	0	0	4	-3	0	0	-3	6	-4	
8.000		0	0	0	0	-2	0	0	-2	0	-2	
8.375		0	0	0	0	-1	0	0	-1	0	-1	
9.000		0	0	0	0	0	0	0	0	0	0	
GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *												
LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.												
LIVE LOAD: MaineDOT Config-5 MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).												
LANE POSITION: MULTIPLE LANE WITH IMPACT												
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
0.000		0	0	0	1	0	0	0	1	-1		
0.625		0	0	0	1	0	0	0	-1	1	-1	
1.000		0	0	0	1	-1	0	0	-1	1	-1	
1.000		0	0	0	1	-1	0	0	-1	2	-1	
1.000		0	0	0	1	0	0	0	-1	2	-1	
1.049		34	12	4	62	-14	0	0	0	82	-19	
1.050		35	12	4	64	-15	0	0	0	84	-20	
1.100		64	23	7	118	-30	0	0	0	157	-39	
1.109		68	24	8	127	-32	0	0	0	168	-43	
1.150		87	31	10	167	-44	0	0	0	222	-59	
1.169		95	34	12	183	-50	0	0	0	244	-66	
1.200		106	38	13	210	-59	0	0	0	279	-79	
1.203		107	38	14	212	-60	0	0	0	282	-80	
1.230		115	41	15	233	-68	0	0	0	310	-90	
1.248		119	43	16	247	-73	0	0	0	328	-97	
1.250		119	43	16	248	-74	0	0	0	330	-98	
1.300		127	45	18	278	-89	0	0	0	369	-118	
1.350		130	46	19	297	-103	0	0	0	395	-137	
1.352		130	46	19	297	-104	0	0	0	396	-138	
1.400		128	45	19	308	-118	0	0	0	410	-157	
1.407		127	45	19	310	-120	0	0	0	412	-160	
1.450		118	42	18	310	-132	0	0	0	412	-176	
1.500		103	37	16	300	-146	0	0	0	400	-194	
1.550		82	30	13	288	-160	0	0	0	384	-213	
1.585		65	24	10	278	-169	0	0	0	369	-225	
1.600		57	21	9	273	-174	0	0	0	363	-231	
1.650		26	10	4	248	-188	0	0	0	330	-250	
1.686		0	1	0	224	-199	0	0	-221	298	-265	
1.700		-10	-3	-2	216	-203	0	0	-226	288	-271	
1.750		-52	-18	-9	179	-219	0	0	-244	239	-292	
1.764		-64	-22	-11	167	-223	0	0	-248	223	-297	
1.800		-99	-35	-17	128	-232	0	0	-258	170	-309	
1.850		-152	-53	-26	81	-243	0	0	-288	108	-345	
1.882		-189	-66	-32	78	-250	0	0	-318	103	-381	
1.893		-202	-71	-34	79	-252	0	0	-332	104	-397	
1.900		-210	-74	-35	79	-255	0	0	-341	105	-409	

----- UNFACTORED MOMENT SUMMARY -----													
GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE) .													
LANE POSITION: MULTIPLE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
1.950		-274	-97	-46	83	-266	0	0	-427	111	-511		
2.000		-343	-121	-58	91	-277	0	0	-521	120	-623		
2.000		-343	-121	-58	90	-277	0	0	-519	119	-621		
2.042		-258	-91	-43	73	-207	0	0	-425	97	-509		
2.050		-243	-86	-41	71	-197	0	0	-409	94	-489		
2.075		-197	-70	-33	62	-165	0	0	-357	82	-428		
2.085		-180	-64	-30	59	-162	0	0	-339	78	-405		
2.100		-153	-54	-25	55	-158	0	0	-307	73	-368		
2.150		-73	-26	-12	85	-146	0	0	-210	113	-251		
2.200		-2	-1	0	141	-133	0	0	-153	188	-183		
2.202		0	0	1	142	-132	0	0	-151	189	-181		
2.210		10	3	2	153	-130	0	0	0	203	-173		
2.250		57	19	10	205	-121	0	0	0	273	-161		
2.300		106	36	18	261	-109	0	0	0	348	-145		
2.335		133	45	23	294	-104	0	0	0	391	-138		
2.350		143	49	25	305	-101	0	0	0	406	-134		
2.400		166	58	29	336	-90	0	0	0	447	-120		
2.450		179	62	31	356	-81	0	0	0	474	-108		
2.460		180	63	31	359	-84	0	0	0	477	-111		
2.485		182	63	31	364	-93	0	0	0	484	-124		
2.500		181	63	31	365	-99	0	0	0	486	-132		
2.550		173	60	30	363	-118	0	0	0	483	-157		
2.585		161	55	27	359	-131	0	0	0	477	-174		
2.600		153	53	26	354	-137	0	0	0	470	-182		
2.650		119	42	20	325	-154	0	0	0	432	-205		
2.700		75	26	13	285	-171	0	0	0	379	-227		
2.710		65	23	11	275	-174	0	0	0	366	-231		
2.750		20	7	3	234	-190	0	0	0	311	-253		
2.766		0	0	0	214	-196	0	0	-218	285	-261		
2.800		-46	-16	-8	174	-210	0	0	-234	231	-280		
2.835		-98	-35	-17	126	-222	0	0	-261	168	-312		
2.850		-123	-43	-21	108	-228	0	0	-276	144	-331		
2.888		-188	-66	-33	74	-236	0	0	-343	98	-411		
2.900		-212	-74	-37	75	-241	0	0	-371	100	-445		
2.917		-245	-86	-42	77	-245	0	0	-415	102	-497		
2.950		-312	-109	-54	88	-254	0	0	-500	116	-598		
3.000		-424	-148	-73	105	-318	0	0	-644	139	-771		
3.000		-423	-148	-73	103	-316	0	0	-642	137	-768		
3.042		-333	-117	-58	81	-290	0	0	-535	108	-640		
3.050		-318	-111	-55	77	-285	0	0	-515	103	-617		
3.085		-252	-88	-44	58	-262	0	0	-431	78	-516		
3.100		-223	-78	-39	53	-255	0	0	-392	71	-469		
3.113		-201	-70	-35	60	-248	0	0	-363	79	-434		
3.150		-138	-48	-24	89	-233	0	0	-295	118	-353		
3.200		-63	-22	-11	146	-211	0	0	-235	195	-282		
3.210		-50	-17	-9	158	-206	0	0	-229	210	-274		
3.249		0	0	0	208	-192	0	0	-213	277	-255		
3.250		1	1	0	209	-191	0	0	0	278	-254		
3.300		55	19	9	264	-176	0	0	0	352	-234		
3.335		86	30	14	296	-165	0	0	0	394	-219		
3.350		97	34	16	307	-160	0	0	0	408	-212		
3.400		126	44	22	337	-142	0	0	0	449	-188		
3.450		144	51	25	357	-123	0	0	0	475	-164		
3.460		146	52	25	360	-120	0	0	0	478	-159		
3.500		151	53	26	366	-105	0	0	0	486	-140		
3.510		152	53	26	366	-105	0	0	0	486	-139		
3.550		148	52	25	363	-118	0	0	0	483	-157		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
3.585	140	49	24	359	-131	0	0	0	478	-175		
3.600	133	47	23	354	-137	0	0	0	470	-182		
3.650	105	37	18	325	-154	0	0	0	432	-205		
3.700	66	24	12	284	-171	0	0	0	378	-227		
3.710	58	21	10	274	-174	0	0	0	365	-231		
3.750	17	6	3	233	-190	0	0	0	310	-252		
3.765	0	0	0	215	-195	0	0	-217	286	-260		
3.800	-43	-15	-7	173	-210	0	0	-233	230	-279		
3.835	-91	-32	-16	126	-222	0	0	-261	167	-313		
3.850	-115	-40	-20	108	-228	0	0	-277	144	-331		
3.887	-176	-62	-30	74	-236	0	0	-344	98	-412		
3.900	-198	-70	-34	75	-241	0	0	-372	100	-446		
3.917	-229	-81	-39	77	-245	0	0	-416	102	-497		
3.950	-293	-103	-50	87	-254	0	0	-503	116	-603		
4.000	-399	-140	-69	118	-320	0	0	-645	156	-773		
4.000	-398	-140	-68	115	-317	0	0	-643	154	-770		
4.042	-310	-109	-53	96	-291	0	0	-535	128	-641		
4.050	-295	-104	-51	93	-286	0	0	-516	124	-618		
4.085	-230	-81	-40	83	-263	0	0	-431	110	-516		
4.100	-202	-71	-35	81	-256	0	0	-393	107	-470		
4.112	-180	-63	-31	79	-249	0	0	-363	105	-435		
4.150	-118	-41	-20	91	-234	0	0	-296	121	-354		
4.200	-44	-15	-8	147	-212	0	0	-236	195	-283		
4.210	-31	-11	-5	158	-207	0	0	-230	210	-275		
4.234	0	0	0	190	-197	0	0	-219	253	-262		
4.250	18	6	3	210	-193	0	0	0	279	-256		
4.300	70	24	12	265	-177	0	0	0	352	-235		
4.335	100	35	17	296	-166	0	0	0	394	-221		
4.350	111	38	19	307	-161	0	0	0	409	-214		
4.400	138	48	24	338	-142	0	0	0	449	-189		
4.450	155	54	27	358	-124	0	0	0	475	-165		
4.460	157	55	27	360	-120	0	0	0	478	-160		
4.500	161	56	28	366	-106	0	0	0	487	-141		
4.503	161	56	28	366	-105	0	0	0	487	-139		
4.550	156	54	27	363	-118	0	0	0	483	-157		
4.585	146	51	25	359	-131	0	0	0	478	-175		
4.600	139	49	24	354	-137	0	0	0	470	-182		
4.650	109	38	19	325	-154	0	0	0	432	-205		
4.700	69	24	12	284	-171	0	0	0	378	-227		
4.710	60	21	10	274	-174	0	0	0	365	-231		
4.750	18	7	3	233	-190	0	0	0	310	-252		
4.765	0	0	0	215	-195	0	0	-218	285	-260		
4.800	-44	-15	-8	173	-210	0	0	-233	230	-279		
4.835	-93	-33	-16	126	-222	0	0	-261	167	-313		
4.850	-117	-41	-20	108	-228	0	0	-277	144	-331		
4.887	-180	-63	-31	74	-236	0	0	-344	98	-412		
4.900	-202	-71	-35	75	-241	0	0	-372	100	-446		
4.917	-234	-82	-40	77	-245	0	0	-416	102	-498		
4.950	-298	-105	-51	87	-254	0	0	-501	116	-600		
5.000	-406	-142	-70	118	-320	0	0	-645	157	-773		
5.000	-406	-142	-70	116	-317	0	0	-643	154	-770		
5.042	-317	-111	-55	97	-291	0	0	-535	129	-641		
5.050	-302	-106	-52	93	-286	0	0	-516	124	-618		
5.085	-236	-83	-41	83	-263	0	0	-431	111	-516		
5.100	-208	-73	-36	81	-257	0	0	-393	108	-470		
5.112	-186	-65	-32	79	-249	0	0	-363	105	-435		
5.150	-124	-43	-21	91	-234	0	0	-296	121	-354		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
(ft-k)	(ft-k)	(ft-k)	(ft-k)									
5.200	-50	-17	-9	147	-212	0	0	-236	195	-283		
5.210	-37	-13	-6	158	-207	0	0	-230	210	-275		
5.239	0	0	0	196	-196	0	0	-217	261	-261		
5.250	13	5	2	210	-193	0	0	0	279	-256		
5.300	65	23	11	265	-177	0	0	0	352	-235		
5.335	95	33	16	296	-166	0	0	0	394	-221		
5.350	106	37	18	307	-161	0	0	0	409	-214		
5.400	134	47	23	338	-142	0	0	0	449	-189		
5.450	151	53	26	358	-124	0	0	0	475	-165		
5.460	153	54	26	360	-121	0	0	0	478	-160		
5.500	157	55	27	366	-106	0	0	0	487	-141		
5.504	157	55	27	366	-104	0	0	0	487	-138		
5.550	153	53	26	363	-118	0	0	0	483	-157		
5.585	143	50	25	359	-131	0	0	0	478	-174		
5.600	137	48	23	354	-137	0	0	0	470	-182		
5.650	107	38	19	325	-153	0	0	0	432	-204		
5.700	67	24	12	284	-170	0	0	0	378	-227		
5.710	58	21	10	274	-174	0	0	0	365	-231		
5.750	16	6	3	233	-190	0	0	0	310	-252		
5.764	0	0	0	216	-195	0	0	-217	287	-260		
5.800	-45	-16	-8	173	-209	0	0	-233	230	-279		
5.835	-94	-33	-16	126	-222	0	0	-261	167	-313		
5.850	-118	-41	-20	108	-227	0	0	-277	144	-331		
5.888	-180	-63	-31	70	-236	0	0	-344	93	-412		
5.900	-202	-71	-35	64	-241	0	0	-372	85	-446		
5.917	-234	-82	-40	66	-244	0	0	-416	88	-498		
5.950	-298	-105	-51	87	-254	0	0	-501	116	-599		
6.000	-406	-142	-70	118	-320	0	0	-645	157	-772		
6.000	-405	-142	-70	116	-317	0	0	-643	154	-770		
6.042	-316	-111	-54	97	-291	0	0	-535	128	-641		
6.050	-301	-106	-52	93	-287	0	0	-516	124	-618		
6.085	-235	-83	-40	83	-263	0	0	-431	111	-516		
6.100	-207	-73	-36	81	-257	0	0	-393	108	-470		
6.112	-185	-65	-32	79	-249	0	0	-363	105	-435		
6.150	-122	-43	-21	91	-234	0	0	-296	121	-354		
6.200	-48	-17	-8	147	-212	0	0	-236	195	-283		
6.210	-35	-12	-6	158	-207	0	0	-230	210	-275		
6.237	0	0	0	194	-196	0	0	-218	258	-261		
6.250	15	5	3	210	-193	0	0	0	279	-256		
6.300	68	24	12	265	-177	0	0	0	352	-235		
6.335	98	34	17	296	-166	0	0	0	394	-221		
6.350	109	38	18	307	-161	0	0	0	409	-214		
6.400	137	48	23	338	-142	0	0	0	449	-189		
6.450	154	54	26	357	-124	0	0	0	475	-165		
6.460	156	55	27	360	-121	0	0	0	478	-160		
6.500	161	56	28	366	-106	0	0	0	486	-141		
6.506	161	56	28	366	-104	0	0	0	486	-138		
6.550	157	55	27	363	-101	0	0	0	483	-135		
6.585	147	51	25	359	-111	0	0	0	478	-147		
6.600	141	49	24	354	-115	0	0	0	470	-153		
6.650	112	39	19	324	-129	0	0	0	432	-172		
6.700	72	25	12	284	-145	0	0	0	377	-193		
6.710	63	22	11	274	-148	0	0	0	364	-197		
6.750	21	8	4	232	-162	0	0	0	309	-215		
6.769	0	0	0	210	-168	0	0	-187	279	-224		
6.800	-40	-14	-7	172	-179	0	0	-199	229	-239		
6.835	-88	-31	-16	124	-189	0	0	-229	165	-274		
6.850	-112	-40	-20	106	-194	0	0	-244	141	-291		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	(ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
6.900	-196	-69	-34	56	-205	0	0	-340	74	-407		
6.917	-228	-80	-40	63	-208	0	0	-382	84	-458		
6.950	-291	-103	-51	84	-216	0	0	-468	112	-560		
7.000	-398	-140	-69	115	-320	0	0	-604	153	-723		
7.000	-397	-140	-69	113	-318	0	0	-602	150	-720		
7.050	-312	-110	-54	96	-294	0	0	-497	127	-595		
7.053	-307	-108	-53	92	-291	0	0	-491	123	-587		
7.100	-234	-83	-41	85	-269	0	0	-395	113	-473		
7.106	-225	-80	-39	84	-265	0	0	-386	111	-462		
7.125	-196	-69	-34	82	-259	0	0	-350	109	-419		
7.150	-160	-57	-28	79	-251	0	0	-316	106	-378		
7.200	-93	-33	-16	115	-234	0	0	-261	153	-312		
7.250	-34	-12	-6	171	-217	0	0	-241	228	-289		
7.262	-20	-7	-3	184	-213	0	0	-236	244	-283		
7.281	0	0	0	204	-207	0	0	-230	271	-276		
7.300	19	7	3	224	-203	0	0	0	298	-270		
7.350	66	23	11	271	-191	0	0	0	360	-254		
7.400	105	36	18	309	-179	0	0	0	411	-238		
7.418	118	41	20	320	-174	0	0	0	426	-232		
7.450	136	47	23	337	-166	0	0	0	448	-220		
7.500	159	56	28	354	-151	0	0	0	471	-201		
7.550	175	62	30	361	-137	0	0	0	481	-182		
7.575	180	64	31	362	-130	0	0	0	481	-173		
7.600	184	65	32	366	-123	0	0	0	487	-163		
7.643	187	66	33	364	-110	0	0	0	484	-147		
7.650	186	66	33	364	-109	0	0	0	485	-144		
7.700	182	64	32	351	-94	0	0	0	466	-125		
7.731	176	62	31	338	-85	0	0	0	450	-113		
7.750	170	60	30	327	-81	0	0	0	435	-107		
7.800	150	53	26	284	-66	0	0	0	377	-88		
7.850	122	43	21	226	-51	0	0	0	300	-68		
7.865	113	40	20	206	-45	0	0	0	274	-60		
7.900	88	31	16	161	-35	0	0	0	215	-47		
7.950	48	17	8	87	-18	0	0	0	116	-24		
7.994	6	2	1	11	-2	0	0	0	14	-3		
8.000	0	0	0	4	-3	0	0	-3	5	-4		
8.000	0	0	0	0	-2	0	0	-2	0	-2		
8.375	0	0	0	0	-1	0	0	-1	0	-1		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	(ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	1	0	0	0	0	1	-1		
0.625	0	0	0	1	0	0	0	-1	1	-1		
1.000	0	0	0	1	0	0	0	-1	1	-1		
1.000	0	0	0	1	-1	0	0	-1	2	-1		
1.000	0	0	0	1	-1	0	0	-1	2	-1		
1.049	34	12	4	65	-14	0	0	0	87	-18		
1.050	35	12	4	67	-14	0	0	0	89	-19		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.100	64	23	7	128	-28	0	0	0	171	-37		
1.109	68	24	8	138	-30	0	0	0	184	-40		
1.150	87	31	10	184	-42	0	0	0	245	-56		
1.169	95	34	12	203	-47	0	0	0	270	-63		
1.200	106	38	13	232	-56	0	0	0	308	-74		
1.203	107	38	14	234	-57	0	0	0	311	-75		
1.230	115	41	15	256	-64	0	0	0	340	-85		
1.248	119	43	16	269	-69	0	0	0	358	-92		
1.250	119	43	16	270	-70	0	0	0	360	-93		
1.300	127	45	18	300	-84	0	0	0	399	-112		
1.350	130	46	19	325	-98	0	0	0	433	-130		
1.352	130	46	19	326	-98	0	0	0	433	-131		
1.400	128	45	19	342	-112	0	0	0	455	-149		
1.407	127	45	19	344	-114	0	0	0	457	-151		
1.450	118	42	18	344	-125	0	0	0	457	-167		
1.500	103	37	16	336	-138	0	0	0	446	-184		
1.550	82	30	13	323	-151	0	0	0	429	-201		
1.585	65	24	10	309	-160	0	0	0	411	-213		
1.600	57	21	9	303	-164	0	0	0	403	-219		
1.650	26	10	4	277	-178	0	0	0	368	-236		
1.686	0	1	0	253	-188	0	0	-252	336	-302		
1.700	-10	-3	-2	244	-192	0	0	-258	325	-309		
1.750	-52	-18	-9	206	-207	0	0	-278	274	-332		
1.764	-64	-22	-11	195	-211	0	0	-282	259	-338		
1.800	-99	-35	-17	156	-219	0	0	-293	208	-351		
1.850	-152	-53	-26	102	-231	0	0	-308	135	-368		
1.882	-189	-66	-32	74	-237	0	0	-315	98	-377		
1.893	-202	-71	-34	74	-239	0	0	-318	99	-380		
1.900	-210	-74	-35	75	-242	0	0	-321	100	-384		
1.950	-274	-97	-46	80	-253	0	0	-397	107	-475		
2.000	-343	-121	-58	89	-263	0	0	-494	118	-591		
2.000	-343	-121	-58	88	-263	0	0	-493	117	-590		
2.042	-258	-91	-43	71	-199	0	0	-395	95	-473		
2.050	-243	-86	-41	68	-190	0	0	-379	90	-454		
2.075	-197	-70	-33	59	-170	0	0	-324	78	-388		
2.085	-180	-64	-30	56	-167	0	0	-303	74	-363		
2.100	-153	-54	-25	57	-163	0	0	-269	76	-322		
2.150	-73	-26	-12	111	-149	0	0	-171	148	-204		
2.200	-2	-1	0	171	-136	0	0	-151	228	-181		
2.202	0	0	1	172	-135	0	0	-149	229	-179		
2.210	10	3	2	182	-133	0	0	0	241	-177		
2.250	57	19	10	229	-124	0	0	0	305	-164		
2.300	106	36	18	283	-112	0	0	0	376	-148		
2.335	133	45	23	315	-106	0	0	0	419	-141		
2.350	143	49	25	326	-103	0	0	0	434	-136		
2.400	166	58	29	355	-92	0	0	0	472	-122		
2.450	179	62	31	375	-81	0	0	0	498	-107		
2.460	180	63	31	377	-79	0	0	0	501	-105		
2.485	182	63	31	382	-89	0	0	0	509	-118		
2.500	181	63	31	385	-94	0	0	0	512	-125		
2.550	173	60	30	386	-112	0	0	0	513	-149		
2.585	161	55	27	380	-124	0	0	0	506	-165		
2.600	153	53	26	375	-129	0	0	0	498	-172		
2.650	119	42	20	346	-146	0	0	0	460	-194		
2.700	75	26	13	307	-162	0	0	0	409	-215		
2.710	65	23	11	298	-165	0	0	0	397	-219		
2.750	20	7	3	260	-180	0	0	0	346	-239		
2.766	0	0	0	243	-185	0	0	-247	323	-296		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
2.800	-46	-16	-8	207	-199	0	0	-265	275	-317		
2.835	-98	-35	-17	166	-211	0	0	-281	221	-336		
2.850	-123	-43	-21	144	-216	0	0	-288	192	-344		
2.888	-188	-66	-33	89	-224	0	0	-297	118	-356		
2.900	-212	-74	-37	77	-229	0	0	-303	103	-362		
2.917	-245	-86	-42	73	-232	0	0	-337	97	-403		
2.950	-312	-109	-54	84	-241	0	0	-427	112	-511		
3.000	-424	-148	-73	101	-304	0	0	-569	134	-680		
3.000	-423	-148	-73	99	-301	0	0	-567	132	-678		
3.042	-333	-117	-58	78	-276	0	0	-459	104	-549		
3.050	-318	-111	-55	75	-272	0	0	-440	99	-526		
3.085	-252	-88	-44	56	-249	0	0	-352	75	-422		
3.100	-223	-78	-39	62	-243	0	0	-316	83	-378		
3.113	-201	-70	-35	73	-236	0	0	-304	97	-364		
3.150	-138	-48	-24	117	-221	0	0	-287	155	-343		
3.200	-63	-22	-11	176	-200	0	0	-262	234	-313		
3.210	-50	-17	-9	186	-195	0	0	-256	248	-306		
3.249	0	0	0	232	-182	0	0	-238	308	-285		
3.250	1	1	0	233	-181	0	0	0	310	-241		
3.300	55	19	9	286	-167	0	0	0	380	-222		
3.335	86	30	14	318	-156	0	0	0	422	-208		
3.350	97	34	16	328	-151	0	0	0	437	-201		
3.400	126	44	22	356	-134	0	0	0	474	-178		
3.450	144	51	25	375	-117	0	0	0	499	-155		
3.460	146	52	25	378	-113	0	0	0	502	-151		
3.500	151	53	26	385	-99	0	0	0	512	-132		
3.510	152	53	26	386	-99	0	0	0	513	-132		
3.550	148	52	25	386	-112	0	0	0	513	-149		
3.585	140	49	24	380	-124	0	0	0	506	-165		
3.600	133	47	23	375	-130	0	0	0	498	-172		
3.650	105	37	18	346	-146	0	0	0	460	-194		
3.700	66	24	12	307	-162	0	0	0	408	-215		
3.710	58	21	10	298	-165	0	0	0	396	-219		
3.750	17	6	3	260	-180	0	0	0	346	-239		
3.765	0	0	0	244	-185	0	0	-247	324	-295		
3.800	-43	-15	-7	207	-198	0	0	-265	275	-317		
3.835	-91	-32	-16	165	-210	0	0	-280	220	-336		
3.850	-115	-40	-20	144	-216	0	0	-287	191	-344		
3.887	-176	-62	-30	89	-224	0	0	-297	118	-355		
3.900	-198	-70	-34	77	-228	0	0	-303	102	-362		
3.917	-229	-81	-39	73	-232	0	0	-337	97	-404		
3.950	-293	-103	-50	84	-241	0	0	-429	111	-513		
4.000	-399	-140	-69	113	-305	0	0	-569	150	-681		
4.000	-398	-140	-68	111	-302	0	0	-567	148	-679		
4.042	-310	-109	-53	93	-277	0	0	-459	123	-550		
4.050	-295	-104	-51	89	-273	0	0	-440	119	-527		
4.085	-230	-81	-40	78	-250	0	0	-354	104	-424		
4.100	-202	-71	-35	76	-244	0	0	-316	102	-378		
4.112	-180	-63	-31	77	-236	0	0	-306	103	-367		
4.150	-118	-41	-20	117	-222	0	0	-289	156	-346		
4.200	-44	-15	-8	176	-201	0	0	-264	235	-316		
4.210	-31	-11	-5	187	-196	0	0	-258	248	-308		
4.234	0	0	0	216	-187	0	0	-246	287	-295		
4.250	18	6	3	233	-183	0	0	0	311	-243		
4.300	70	24	12	286	-168	0	0	0	380	-223		
4.335	100	35	17	318	-157	0	0	0	423	-209		
4.350	111	38	19	329	-152	0	0	0	437	-202		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
(ft-k)	(ft-k)	(ft-k)	(ft-k)									
4.400	138	48	24	356	-135	0	0	0	474	-179		
4.450	155	54	27	376	-117	0	0	0	499	-156		
4.460	157	55	27	378	-114	0	0	0	502	-152		
4.500	161	56	28	385	-100	0	0	0	512	-133		
4.503	161	56	28	385	-99	0	0	0	513	-132		
4.550	156	54	27	386	-112	0	0	0	513	-149		
4.585	146	51	25	380	-124	0	0	0	506	-165		
4.600	139	49	24	375	-130	0	0	0	498	-172		
4.650	109	38	19	346	-146	0	0	0	460	-194		
4.700	69	24	12	307	-162	0	0	0	408	-215		
4.710	60	21	10	298	-165	0	0	0	396	-219		
4.750	18	7	3	260	-180	0	0	0	346	-239		
4.765	0	0	0	243	-185	0	0	-247	323	-296		
4.800	-44	-15	-8	207	-198	0	0	-265	275	-317		
4.835	-93	-33	-16	165	-210	0	0	-280	220	-336		
4.850	-117	-41	-20	144	-216	0	0	-287	191	-344		
4.887	-180	-63	-31	89	-224	0	0	-297	118	-355		
4.900	-202	-71	-35	77	-228	0	0	-303	102	-362		
4.917	-234	-82	-40	73	-232	0	0	-338	97	-404		
4.950	-298	-105	-51	84	-241	0	0	-427	111	-512		
5.000	-406	-142	-70	113	-305	0	0	-569	151	-681		
5.000	-406	-142	-70	111	-302	0	0	-567	148	-679		
5.042	-317	-111	-55	93	-277	0	0	-460	123	-550		
5.050	-302	-106	-52	90	-273	0	0	-440	119	-527		
5.085	-236	-83	-41	79	-250	0	0	-354	105	-423		
5.100	-208	-73	-36	77	-244	0	0	-316	102	-378		
5.112	-186	-65	-32	78	-237	0	0	-306	103	-367		
5.150	-124	-43	-21	117	-222	0	0	-289	156	-346		
5.200	-50	-17	-9	176	-201	0	0	-264	235	-316		
5.210	-37	-13	-6	187	-196	0	0	-258	248	-308		
5.239	0	0	0	221	-186	0	0	-244	294	-292		
5.250	13	5	2	233	-183	0	0	0	311	-243		
5.300	65	23	11	286	-168	0	0	0	380	-223		
5.335	95	33	16	318	-157	0	0	0	423	-209		
5.350	106	37	18	329	-152	0	0	0	437	-202		
5.400	134	47	23	356	-135	0	0	0	474	-179		
5.450	151	53	26	376	-117	0	0	0	499	-156		
5.460	153	54	26	378	-114	0	0	0	502	-152		
5.500	157	55	27	385	-100	0	0	0	513	-133		
5.504	157	55	27	386	-98	0	0	0	513	-131		
5.550	153	53	26	386	-112	0	0	0	513	-149		
5.585	143	50	25	380	-124	0	0	0	506	-165		
5.600	137	48	23	375	-129	0	0	0	498	-172		
5.650	107	38	19	346	-145	0	0	0	460	-194		
5.700	67	24	12	307	-162	0	0	0	408	-215		
5.710	58	21	10	298	-164	0	0	0	396	-219		
5.750	16	6	3	260	-179	0	0	0	346	-239		
5.764	0	0	0	244	-184	0	0	-246	325	-295		
5.800	-45	-16	-8	207	-198	0	0	-265	275	-317		
5.835	-94	-33	-16	165	-210	0	0	-280	220	-335		
5.850	-118	-41	-20	144	-216	0	0	-287	191	-343		
5.888	-180	-63	-31	88	-224	0	0	-296	117	-355		
5.900	-202	-71	-35	75	-228	0	0	-302	99	-361		
5.917	-234	-82	-40	65	-232	0	0	-338	87	-404		
5.950	-298	-105	-51	84	-241	0	0	-427	111	-512		
6.000	-406	-142	-70	113	-305	0	0	-569	150	-681		
6.000	-405	-142	-70	111	-302	0	0	-567	148	-679		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
6.042	-316	-111	-54	93	-277	0	0	-459	123	-550		
6.050	-301	-106	-52	89	-273	0	0	-440	119	-527		
6.085	-235	-83	-40	79	-250	0	0	-353	105	-423		
6.100	-207	-73	-36	77	-244	0	0	-316	102	-378		
6.112	-185	-65	-32	78	-237	0	0	-306	103	-367		
6.150	-122	-43	-21	117	-222	0	0	-289	156	-346		
6.200	-48	-17	-8	176	-201	0	0	-264	235	-316		
6.210	-35	-12	-6	187	-196	0	0	-258	248	-308		
6.237	0	0	0	219	-186	0	0	-245	291	-293		
6.250	15	5	3	234	-183	0	0	0	311	-243		
6.300	68	24	12	286	-168	0	0	0	380	-223		
6.335	98	34	17	318	-157	0	0	0	423	-209		
6.350	109	38	18	329	-152	0	0	0	437	-202		
6.400	137	48	23	357	-135	0	0	0	474	-179		
6.450	154	54	26	376	-117	0	0	0	500	-156		
6.460	156	55	27	378	-114	0	0	0	502	-152		
6.500	161	56	28	385	-100	0	0	0	513	-133		
6.506	161	56	28	386	-98	0	0	0	513	-130		
6.550	157	55	27	386	-99	0	0	0	513	-131		
6.585	147	51	25	380	-109	0	0	0	506	-144		
6.600	141	49	24	375	-113	0	0	0	498	-150		
6.650	112	39	19	345	-127	0	0	0	460	-168		
6.700	72	25	12	306	-142	0	0	0	408	-189		
6.710	63	22	11	297	-145	0	0	0	395	-193		
6.750	21	8	4	259	-158	0	0	0	344	-211		
6.769	0	0	0	238	-164	0	0	-184	317	-220		
6.800	-40	-14	-7	205	-175	0	0	-196	273	-235		
6.835	-88	-31	-16	164	-185	0	0	-208	218	-249		
6.850	-112	-40	-20	142	-190	0	0	-213	189	-255		
6.900	-196	-69	-34	71	-201	0	0	-277	95	-332		
6.917	-228	-80	-40	61	-204	0	0	-321	81	-384		
6.950	-291	-103	-51	81	-211	0	0	-409	108	-490		
7.000	-398	-140	-69	111	-305	0	0	-549	147	-657		
7.000	-397	-140	-69	109	-303	0	0	-547	145	-655		
7.050	-312	-110	-54	92	-280	0	0	-443	122	-531		
7.053	-307	-108	-53	89	-277	0	0	-437	118	-523		
7.100	-234	-83	-41	80	-256	0	0	-342	107	-409		
7.106	-225	-80	-39	79	-252	0	0	-330	105	-395		
7.125	-196	-69	-34	78	-246	0	0	-319	103	-382		
7.150	-160	-57	-28	92	-238	0	0	-310	122	-371		
7.200	-93	-33	-16	141	-222	0	0	-290	188	-348		
7.250	-34	-12	-6	192	-206	0	0	-271	256	-325		
7.262	-20	-7	-3	204	-202	0	0	-266	271	-318		
7.281	0	0	0	223	-197	0	0	-259	296	-310		
7.300	19	7	3	242	-192	0	0	0	321	-256		
7.350	66	23	11	288	-181	0	0	0	383	-241		
7.400	105	36	18	330	-169	0	0	0	438	-225		
7.418	118	41	20	343	-165	0	0	0	456	-219		
7.450	136	47	23	359	-157	0	0	0	478	-208		
7.500	159	56	28	379	-143	0	0	0	504	-190		
7.550	175	62	30	390	-130	0	0	0	519	-172		
7.575	180	64	31	392	-123	0	0	0	521	-164		
7.600	184	65	32	393	-116	0	0	0	523	-154		
7.643	187	66	33	391	-104	0	0	0	521	-139		
7.650	186	66	33	392	-103	0	0	0	521	-136		
7.700	182	64	32	379	-89	0	0	0	504	-118		
7.731	176	62	31	364	-82	0	0	0	484	-110		
7.750	170	60	30	349	-79	0	0	0	465	-105		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	(ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
7.800	150	53	26	303	-65	0	0	0	403	-86		
7.850	122	43	21	247	-50	0	0	0	329	-67		
7.865	113	40	20	226	-44	0	0	0	301	-59		
7.900	88	31	16	177	-35	0	0	0	236	-46		
7.950	48	17	8	94	-18	0	0	0	125	-24		
7.994	6	2	1	12	-2	0	0	0	15	-3		
8.000	0	0	0	5	-3	0	0	-4	6	-4		
8.000	0	0	0	0	-2	0	0	-2	0	-2		
8.375	0	0	0	0	-1	0	0	-1	0	-1		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	(ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	1	0	0	0	0	1	0		
0.625	0	0	0	1	0	0	0	0	1	-1		
1.000	0	0	0	1	0	0	0	0	1	-1		
1.000	0	0	0	1	-1	0	0	-1	1	-1		
1.000	0	0	0	1	0	0	0	-1	1	-1		
1.049	34	12	4	52	-11	0	0	0	69	-14		
1.050	35	12	4	53	-11	0	0	0	71	-15		
1.100	64	23	7	102	-22	0	0	0	136	-29		
1.109	68	24	8	110	-24	0	0	0	147	-32		
1.150	87	31	10	147	-33	0	0	0	196	-44		
1.169	95	34	12	163	-37	0	0	0	217	-49		
1.200	106	38	13	186	-44	0	0	0	248	-58		
1.203	107	38	14	188	-45	0	0	0	250	-59		
1.230	115	41	15	206	-50	0	0	0	274	-67		
1.248	119	43	16	217	-55	0	0	0	289	-73		
1.250	119	43	16	218	-55	0	0	0	291	-73		
1.300	127	45	18	243	-66	0	0	0	323	-88		
1.350	130	46	19	260	-77	0	0	0	346	-102		
1.352	130	46	19	261	-77	0	0	0	347	-103		
1.400	128	45	19	270	-88	0	0	0	359	-117		
1.407	127	45	19	271	-89	0	0	0	361	-119		
1.450	118	42	18	273	-98	0	0	0	363	-131		
1.500	103	37	16	268	-109	0	0	0	356	-145		
1.550	82	30	13	257	-119	0	0	0	342	-158		
1.585	65	24	10	246	-126	0	0	0	327	-168		
1.600	57	21	9	241	-129	0	0	0	320	-172		
1.650	26	10	4	219	-140	0	0	0	291	-186		
1.686	0	1	0	200	-148	0	0	-209	266	-250		
1.700	-10	-3	-2	194	-151	0	0	-214	258	-256		
1.750	-52	-18	-9	165	-163	0	0	-230	219	-276		
1.764	-64	-22	-11	156	-166	0	0	-234	208	-280		
1.800	-99	-35	-17	126	-172	0	0	-244	168	-292		
1.850	-152	-53	-26	82	-181	0	0	-255	109	-306		
1.882	-189	-66	-32	60	-186	0	0	-262	79	-313		
1.893	-202	-71	-34	58	-188	0	0	-264	78	-316		
1.900	-210	-74	-35	59	-190	0	0	-267	78	-319		
1.950	-274	-97	-46	63	-198	0	0	-300	84	-359		

UNFACTORED MOMENT SUMMARY													
GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).													
LANE POSITION: MULTIPLE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
2.000		-343	-121	-58	70	-206	0	0	-379	93	-453		
2.000		-343	-121	-58	69	-206	0	0	-378	92	-452		
2.042		-258	-91	-43	56	-156	0	0	-301	74	-360		
2.050		-243	-86	-41	53	-149	0	0	-288	71	-344		
2.075		-197	-70	-33	46	-134	0	0	-243	61	-291		
2.085		-180	-64	-30	44	-131	0	0	-227	58	-272		
2.100		-153	-54	-25	49	-128	0	0	-199	65	-239		
2.150		-73	-26	-12	90	-118	0	0	-131	119	-157		
2.200		-2	-1	0	138	-107	0	0	-119	183	-143		
2.202		0	0	1	139	-106	0	0	-118	184	-141		
2.210		10	3	2	146	-105	0	0	0	194	-139		
2.250		57	19	10	184	-97	0	0	0	244	-129		
2.300		106	36	18	225	-88	0	0	0	300	-117		
2.335		133	45	23	250	-83	0	0	0	332	-111		
2.350		143	49	25	258	-81	0	0	0	343	-107		
2.400		166	58	29	280	-72	0	0	0	372	-96		
2.450		179	62	31	296	-63	0	0	0	394	-84		
2.460		180	63	31	298	-62	0	0	0	397	-83		
2.485		182	63	31	303	-70	0	0	0	403	-93		
2.500		181	63	31	305	-74	0	0	0	406	-98		
2.550		173	60	30	306	-88	0	0	0	408	-117		
2.585		161	55	27	303	-98	0	0	0	403	-130		
2.600		153	53	26	298	-102	0	0	0	396	-135		
2.650		119	42	20	275	-115	0	0	0	365	-152		
2.700		75	26	13	244	-127	0	0	0	324	-169		
2.710		65	23	11	236	-130	0	0	0	314	-172		
2.750		20	7	3	207	-141	0	0	0	275	-188		
2.766		0	0	0	193	-146	0	0	-206	257	-246		
2.800		-46	-16	-8	165	-156	0	0	-220	220	-264		
2.835		-98	-35	-17	133	-165	0	0	-233	177	-279		
2.850		-123	-43	-21	116	-170	0	0	-239	155	-286		
2.888		-188	-66	-33	72	-176	0	0	-247	95	-296		
2.900		-212	-74	-37	61	-179	0	0	-252	82	-301		
2.917		-245	-86	-42	57	-182	0	0	-255	76	-306		
2.950		-312	-109	-54	66	-189	0	0	-321	88	-384		
3.000		-424	-148	-73	79	-238	0	0	-433	105	-518		
3.000		-423	-148	-73	78	-236	0	0	-432	104	-517		
3.042		-333	-117	-58	62	-216	0	0	-345	82	-413		
3.050		-318	-111	-55	59	-213	0	0	-330	78	-395		
3.085		-252	-88	-44	44	-195	0	0	-269	59	-321		
3.100		-223	-78	-39	52	-190	0	0	-262	70	-314		
3.113		-201	-70	-35	61	-185	0	0	-255	81	-305		
3.150		-138	-48	-24	94	-173	0	0	-240	125	-287		
3.200		-63	-22	-11	142	-157	0	0	-219	189	-262		
3.210		-50	-17	-9	150	-153	0	0	-213	199	-255		
3.249		0	0	0	186	-143	0	0	-198	247	-237		
3.250		1	1	0	187	-143	0	0	0	249	-190		
3.300		55	19	9	228	-131	0	0	0	303	-174		
3.335		86	30	14	252	-123	0	0	0	335	-163		
3.350		97	34	16	260	-119	0	0	0	345	-158		
3.400		126	44	22	281	-105	0	0	0	374	-140		
3.450		144	51	25	297	-92	0	0	0	395	-122		
3.460		146	52	25	299	-89	0	0	0	397	-119		
3.500		151	53	26	305	-78	0	0	0	406	-104		
3.510		152	53	26	306	-78	0	0	0	407	-103		
3.550		148	52	25	307	-88	0	0	0	408	-117		
3.585		140	49	24	303	-98	0	0	0	403	-130		

----- UNFACTORED MOMENT SUMMARY -----													
GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).													
LANE POSITION: MULTIPLE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
3.600	133	47	23	298	-102	0	0	0	396	-135			
3.650	105	37	18	274	-115	0	0	0	365	-152			
3.700	66	24	12	243	-127	0	0	0	324	-169			
3.710	58	21	10	236	-129	0	0	0	314	-172			
3.750	17	6	3	206	-141	0	0	0	274	-188			
3.765	0	0	0	193	-145	0	0	-205	257	-246			
3.800	-43	-15	-7	165	-156	0	0	-220	219	-264			
3.835	-91	-32	-16	133	-165	0	0	-233	176	-279			
3.850	-115	-40	-20	116	-169	0	0	-239	154	-286			
3.887	-176	-62	-30	71	-176	0	0	-247	95	-296			
3.900	-198	-70	-34	61	-179	0	0	-252	81	-301			
3.917	-229	-81	-39	57	-182	0	0	-255	76	-306			
3.950	-293	-103	-50	66	-189	0	0	-319	87	-381			
4.000	-399	-140	-69	89	-238	0	0	-433	118	-519			
4.000	-398	-140	-68	87	-237	0	0	-432	116	-517			
4.042	-310	-109	-53	73	-217	0	0	-345	97	-413			
4.050	-295	-104	-51	70	-213	0	0	-331	93	-396			
4.085	-230	-81	-40	61	-196	0	0	-271	82	-324			
4.100	-202	-71	-35	60	-191	0	0	-264	80	-316			
4.112	-180	-63	-31	64	-185	0	0	-257	85	-307			
4.150	-118	-41	-20	94	-174	0	0	-242	125	-289			
4.200	-44	-15	-8	142	-158	0	0	-220	189	-264			
4.210	-31	-11	-5	150	-154	0	0	-215	200	-257			
4.234	0	0	0	173	-147	0	0	-205	230	-246			
4.250	18	6	3	187	-143	0	0	0	249	-191			
4.300	70	24	12	228	-132	0	0	0	303	-175			
4.335	100	35	17	252	-124	0	0	0	335	-164			
4.350	111	38	19	260	-119	0	0	0	345	-159			
4.400	138	48	24	281	-106	0	0	0	374	-141			
4.450	155	54	27	297	-92	0	0	0	395	-123			
4.460	157	55	27	299	-90	0	0	0	398	-119			
4.500	161	56	28	305	-79	0	0	0	406	-105			
4.503	161	56	28	306	-78	0	0	0	406	-104			
4.550	156	54	27	307	-88	0	0	0	408	-117			
4.585	146	51	25	303	-98	0	0	0	403	-130			
4.600	139	49	24	298	-102	0	0	0	396	-135			
4.650	109	38	19	274	-115	0	0	0	365	-152			
4.700	69	24	12	243	-127	0	0	0	324	-169			
4.710	60	21	10	236	-129	0	0	0	314	-172			
4.750	18	7	3	206	-141	0	0	0	274	-188			
4.765	0	0	0	193	-145	0	0	-205	257	-246			
4.800	-44	-15	-8	165	-156	0	0	-220	219	-264			
4.835	-93	-33	-16	133	-165	0	0	-233	176	-279			
4.850	-117	-41	-20	116	-169	0	0	-239	154	-286			
4.887	-180	-63	-31	71	-176	0	0	-247	95	-296			
4.900	-202	-71	-35	61	-179	0	0	-252	81	-301			
4.917	-234	-82	-40	57	-182	0	0	-255	76	-306			
4.950	-298	-105	-51	66	-189	0	0	-322	87	-385			
5.000	-406	-142	-70	89	-238	0	0	-433	119	-519			
5.000	-406	-142	-70	88	-237	0	0	-432	116	-517			
5.042	-317	-111	-55	73	-217	0	0	-345	97	-413			
5.050	-302	-106	-52	70	-213	0	0	-331	94	-396			
5.085	-236	-83	-41	62	-196	0	0	-271	82	-324			
5.100	-208	-73	-36	60	-191	0	0	-264	80	-316			
5.112	-186	-65	-32	64	-185	0	0	-257	85	-307			
5.150	-124	-43	-21	94	-174	0	0	-242	125	-289			
5.200	-50	-17	-9	142	-158	0	0	-220	189	-264			

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
5.210	-37	-13	-6	150	-154	0	0	-215	200	-257		
5.239	0	0	0	177	-146	0	0	-204	235	-244		
5.250	13	5	2	187	-143	0	0	0	249	-191		
5.300	65	23	11	228	-132	0	0	0	303	-175		
5.335	95	33	16	252	-124	0	0	0	335	-164		
5.350	106	37	18	260	-120	0	0	0	345	-159		
5.400	134	47	23	281	-106	0	0	0	374	-141		
5.450	151	53	26	297	-92	0	0	0	395	-123		
5.460	153	54	26	299	-90	0	0	0	398	-119		
5.500	157	55	27	305	-79	0	0	0	406	-105		
5.504	157	55	27	306	-77	0	0	0	406	-103		
5.550	153	53	26	307	-88	0	0	0	408	-117		
5.585	143	50	25	303	-97	0	0	0	403	-130		
5.600	137	48	23	298	-102	0	0	0	396	-135		
5.650	107	38	19	274	-114	0	0	0	365	-152		
5.700	67	24	12	243	-127	0	0	0	324	-169		
5.710	58	21	10	236	-129	0	0	0	314	-172		
5.750	16	6	3	206	-141	0	0	0	274	-188		
5.764	0	0	0	194	-145	0	0	-204	258	-245		
5.800	-45	-16	-8	165	-156	0	0	-220	219	-263		
5.835	-94	-33	-16	133	-165	0	0	-233	176	-278		
5.850	-118	-41	-20	116	-169	0	0	-238	154	-285		
5.888	-180	-63	-31	71	-176	0	0	-246	95	-295		
5.900	-202	-71	-35	59	-179	0	0	-251	79	-301		
5.917	-234	-82	-40	51	-182	0	0	-255	68	-305		
5.950	-298	-105	-51	66	-189	0	0	-322	87	-385		
6.000	-406	-142	-70	89	-239	0	0	-433	118	-519		
6.000	-405	-142	-70	87	-237	0	0	-432	116	-517		
6.042	-316	-111	-54	73	-217	0	0	-345	97	-413		
6.050	-301	-106	-52	70	-213	0	0	-331	93	-396		
6.085	-235	-83	-40	62	-196	0	0	-271	82	-324		
6.100	-207	-73	-36	60	-191	0	0	-264	80	-316		
6.112	-185	-65	-32	64	-185	0	0	-257	85	-307		
6.150	-122	-43	-21	94	-174	0	0	-242	125	-289		
6.200	-48	-17	-8	142	-158	0	0	-220	189	-264		
6.210	-35	-12	-6	150	-154	0	0	-215	200	-258		
6.237	0	0	0	176	-146	0	0	-204	234	-245		
6.250	15	5	3	187	-143	0	0	0	249	-191		
6.300	68	24	12	228	-132	0	0	0	303	-175		
6.335	98	34	17	252	-124	0	0	0	335	-164		
6.350	109	38	18	260	-120	0	0	0	345	-159		
6.400	137	48	23	281	-106	0	0	0	374	-141		
6.450	154	54	26	297	-92	0	0	0	395	-123		
6.460	156	55	27	299	-90	0	0	0	398	-119		
6.500	161	56	28	305	-79	0	0	0	406	-104		
6.506	161	56	28	306	-77	0	0	0	407	-102		
6.550	157	55	27	307	-78	0	0	0	408	-103		
6.585	147	51	25	303	-85	0	0	0	403	-113		
6.600	141	49	24	298	-89	0	0	0	396	-118		
6.650	112	39	19	274	-100	0	0	0	365	-132		
6.700	72	25	12	243	-111	0	0	0	323	-148		
6.710	63	22	11	236	-114	0	0	0	313	-151		
6.750	21	8	4	206	-125	0	0	0	273	-166		
6.769	0	0	0	189	-129	0	0	-149	252	-179		
6.800	-40	-14	-7	163	-138	0	0	-159	217	-190		
6.835	-88	-31	-16	131	-146	0	0	-168	174	-201		
6.850	-112	-40	-20	114	-149	0	0	-172	152	-206		
6.900	-196	-69	-34	57	-158	0	0	-206	76	-246		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
6.917	-228	-80	-40	48	-160	0	0	-237	63	-284		
6.950	-291	-103	-51	64	-166	0	0	-309	85	-370		
7.000	-398	-140	-69	87	-239	0	0	-420	116	-502		
7.000	-397	-140	-69	86	-237	0	0	-418	114	-500		
7.050	-312	-110	-54	72	-219	0	0	-335	96	-401		
7.053	-307	-108	-53	70	-217	0	0	-328	93	-393		
7.100	-234	-83	-41	63	-201	0	0	-278	84	-333		
7.106	-225	-80	-39	62	-197	0	0	-273	83	-327		
7.125	-196	-69	-34	61	-193	0	0	-267	81	-320		
7.150	-160	-57	-28	75	-187	0	0	-260	100	-311		
7.200	-93	-33	-16	116	-174	0	0	-243	154	-291		
7.250	-34	-12	-6	157	-162	0	0	-226	208	-271		
7.262	-20	-7	-3	166	-158	0	0	-222	220	-265		
7.281	0	0	0	180	-154	0	0	-216	240	-259		
7.300	19	7	3	196	-151	0	0	0	260	-201		
7.350	66	23	11	231	-142	0	0	0	308	-189		
7.400	105	36	18	262	-133	0	0	0	349	-177		
7.418	118	41	20	272	-130	0	0	0	362	-173		
7.450	136	47	23	284	-123	0	0	0	377	-164		
7.500	159	56	28	299	-112	0	0	0	398	-150		
7.550	175	62	30	310	-102	0	0	0	412	-136		
7.575	180	64	31	312	-97	0	0	0	414	-129		
7.600	184	65	32	313	-91	0	0	0	417	-121		
7.643	187	66	33	311	-82	0	0	0	413	-109		
7.650	186	66	33	310	-81	0	0	0	413	-107		
7.700	182	64	32	299	-70	0	0	0	397	-93		
7.731	176	62	31	289	-65	0	0	0	384	-86		
7.750	170	60	30	280	-62	0	0	0	372	-83		
7.800	150	53	26	245	-51	0	0	0	326	-68		
7.850	122	43	21	199	-40	0	0	0	265	-53		
7.865	113	40	20	182	-35	0	0	0	242	-46		
7.900	88	31	16	142	-27	0	0	0	189	-36		
7.950	48	17	8	75	-14	0	0	0	100	-19		
7.994	6	2	1	9	-2	0	0	0	12	-3		
8.000	0	0	0	4	-2	0	0	-3	5	-3		
8.000	0	0	0	0	-2	0	0	-2	0	-2		
8.375	0	0	0	0	-1	0	0	-1	0	-1		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-8 MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	0	0	0	0	0	1	0		
0.625	0	0	0	0	0	0	0	0	1	0		
1.000	0	0	0	1	0	0	0	0	1	0		
1.000	0	0	0	1	0	0	0	0	1	-1		
1.049	34	12	4	33	-7	0	0	0	44	-9		
1.050	35	12	4	34	-7	0	0	0	45	-9		
1.100	64	23	7	65	-14	0	0	0	87	-18		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
1.109	68	24	8	70	-15	0	0	0	94	-20		
1.150	87	31	10	94	-21	0	0	0	126	-28		
1.169	95	34	12	105	-23	0	0	0	139	-31		
1.200	106	38	13	120	-28	0	0	0	160	-37		
1.203	107	38	14	121	-28	0	0	0	161	-37		
1.230	115	41	15	133	-32	0	0	0	177	-42		
1.248	119	43	16	141	-34	0	0	0	187	-46		
1.250	119	43	16	141	-35	0	0	0	188	-46		
1.300	127	45	18	158	-42	0	0	0	210	-55		
1.350	130	46	19	170	-49	0	0	0	226	-65		
1.352	130	46	19	170	-49	0	0	0	226	-65		
1.400	128	45	19	177	-56	0	0	0	235	-74		
1.407	127	45	19	177	-57	0	0	0	236	-75		
1.450	118	42	18	176	-62	0	0	0	234	-83		
1.500	103	37	16	171	-69	0	0	0	227	-91		
1.550	82	30	13	165	-75	0	0	0	219	-100		
1.585	65	24	10	159	-80	0	0	0	211	-106		
1.600	57	21	9	156	-82	0	0	0	208	-109		
1.650	26	10	4	144	-88	0	0	0	191	-117		
1.686	0	1	0	132	-93	0	0	-140	175	-167		
1.700	-10	-3	-2	128	-95	0	0	-143	170	-171		
1.750	-52	-18	-9	110	-103	0	0	-154	146	-184		
1.764	-64	-22	-11	104	-105	0	0	-157	138	-188		
1.800	-99	-35	-17	85	-109	0	0	-163	113	-195		
1.850	-152	-53	-26	57	-114	0	0	-171	76	-205		
1.882	-189	-66	-32	41	-118	0	0	-176	54	-210		
1.893	-202	-71	-34	37	-119	0	0	-177	49	-212		
1.900	-210	-74	-35	37	-120	0	0	-179	50	-214		
1.950	-274	-97	-46	40	-125	0	0	-187	53	-224		
2.000	-343	-121	-58	44	-130	0	0	-231	59	-276		
2.000	-343	-121	-58	44	-130	0	0	-230	58	-276		
2.042	-258	-91	-43	35	-99	0	0	-180	47	-216		
2.050	-243	-86	-41	34	-94	0	0	-171	45	-205		
2.075	-197	-70	-33	29	-85	0	0	-143	39	-171		
2.085	-180	-64	-30	28	-83	0	0	-132	37	-158		
2.100	-153	-54	-25	33	-81	0	0	-115	44	-137		
2.150	-73	-26	-12	62	-75	0	0	-83	83	-99		
2.200	-2	-1	0	92	-68	0	0	-76	123	-91		
2.202	0	0	1	93	-67	0	0	-75	123	-90		
2.210	10	3	2	97	-66	0	0	0	129	-88		
2.250	57	19	10	121	-62	0	0	0	161	-82		
2.300	106	36	18	147	-56	0	0	0	196	-74		
2.335	133	45	23	163	-53	0	0	0	217	-70		
2.350	143	49	25	169	-51	0	0	0	224	-68		
2.400	166	58	29	182	-46	0	0	0	242	-61		
2.450	179	62	31	191	-40	0	0	0	255	-53		
2.460	180	63	31	193	-39	0	0	0	256	-52		
2.485	182	63	31	195	-44	0	0	0	259	-58		
2.500	181	63	31	196	-47	0	0	0	261	-62		
2.550	173	60	30	196	-56	0	0	0	260	-74		
2.585	161	55	27	193	-62	0	0	0	257	-82		
2.600	153	53	26	190	-64	0	0	0	253	-85		
2.650	119	42	20	177	-72	0	0	0	235	-96		
2.700	75	26	13	158	-80	0	0	0	210	-107		
2.710	65	23	11	154	-82	0	0	0	204	-109		
2.750	20	7	3	135	-89	0	0	0	179	-119		
2.766	0	0	0	126	-92	0	0	-138	168	-165		
2.800	-46	-16	-8	109	-99	0	0	-148	145	-177		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
2.835	-98	-35	-17	88	-104	0	0	-156	117	-187		
2.850	-123	-43	-21	77	-107	0	0	-160	103	-192		
2.888	-188	-66	-33	48	-111	0	0	-166	64	-199		
2.900	-212	-74	-37	41	-113	0	0	-169	55	-203		
2.917	-245	-86	-42	36	-115	0	0	-172	48	-206		
2.950	-312	-109	-54	42	-119	0	0	-187	55	-224		
3.000	-424	-148	-73	50	-150	0	0	-261	67	-312		
3.000	-423	-148	-73	49	-149	0	0	-260	66	-311		
3.042	-333	-117	-58	39	-137	0	0	-204	52	-245		
3.050	-318	-111	-55	37	-134	0	0	-198	49	-237		
3.085	-252	-88	-44	30	-123	0	0	-182	40	-218		
3.100	-223	-78	-39	35	-120	0	0	-178	47	-213		
3.113	-201	-70	-35	42	-117	0	0	-172	56	-206		
3.150	-138	-48	-24	65	-109	0	0	-162	86	-194		
3.200	-63	-22	-11	95	-99	0	0	-147	126	-176		
3.210	-50	-17	-9	100	-97	0	0	-144	133	-172		
3.249	0	0	0	122	-90	0	0	-134	163	-160		
3.250	1	1	0	123	-90	0	0	0	164	-120		
3.300	55	19	9	149	-83	0	0	0	198	-110		
3.335	86	30	14	165	-78	0	0	0	219	-103		
3.350	97	34	16	170	-75	0	0	0	226	-100		
3.400	126	44	22	183	-67	0	0	0	243	-89		
3.450	144	51	25	192	-58	0	0	0	255	-77		
3.460	146	52	25	193	-56	0	0	0	257	-75		
3.500	151	53	26	196	-49	0	0	0	261	-66		
3.510	152	53	26	196	-49	0	0	0	261	-65		
3.550	148	52	25	196	-56	0	0	0	260	-74		
3.585	140	49	24	193	-62	0	0	0	257	-82		
3.600	133	47	23	190	-64	0	0	0	253	-86		
3.650	105	37	18	177	-72	0	0	0	235	-96		
3.700	66	24	12	158	-80	0	0	0	210	-107		
3.710	58	21	10	153	-82	0	0	0	204	-109		
3.750	17	6	3	135	-89	0	0	0	179	-119		
3.765	0	0	0	126	-92	0	0	-137	168	-164		
3.800	-43	-15	-7	109	-98	0	0	-147	144	-177		
3.835	-91	-32	-16	88	-104	0	0	-156	117	-187		
3.850	-115	-40	-20	77	-107	0	0	-160	102	-192		
3.887	-176	-62	-30	48	-111	0	0	-166	64	-198		
3.900	-198	-70	-34	41	-113	0	0	-169	55	-202		
3.917	-229	-81	-39	36	-115	0	0	-172	48	-205		
3.950	-293	-103	-50	42	-119	0	0	-188	55	-224		
4.000	-399	-140	-69	56	-151	0	0	-261	75	-312		
4.000	-398	-140	-68	55	-150	0	0	-260	73	-311		
4.042	-310	-109	-53	46	-137	0	0	-204	61	-245		
4.050	-295	-104	-51	44	-135	0	0	-199	59	-239		
4.085	-230	-81	-40	39	-124	0	0	-183	52	-220		
4.100	-202	-71	-35	38	-121	0	0	-179	50	-214		
4.112	-180	-63	-31	43	-117	0	0	-174	57	-208		
4.150	-118	-41	-20	65	-110	0	0	-163	86	-195		
4.200	-44	-15	-8	95	-100	0	0	-148	126	-178		
4.210	-31	-11	-5	100	-97	0	0	-145	133	-173		
4.234	0	0	0	114	-93	0	0	-138	152	-165		
4.250	18	6	3	123	-91	0	0	0	164	-120		
4.300	70	24	12	149	-83	0	0	0	198	-111		
4.335	100	35	17	165	-78	0	0	0	219	-104		
4.350	111	38	19	170	-76	0	0	0	226	-100		
4.400	138	48	24	183	-67	0	0	0	243	-89		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	(ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
4.450	155	54	27	192	-58	0	0	0	255	-77		
4.460	157	55	27	193	-57	0	0	0	257	-75		
4.500	161	56	28	196	-50	0	0	0	261	-66		
4.503	161	56	28	196	-49	0	0	0	261	-65		
4.550	156	54	27	196	-56	0	0	0	260	-74		
4.585	146	51	25	193	-62	0	0	0	257	-82		
4.600	139	49	24	190	-64	0	0	0	253	-86		
4.650	109	38	19	177	-72	0	0	0	235	-96		
4.700	69	24	12	158	-80	0	0	0	210	-107		
4.710	60	21	10	153	-82	0	0	0	204	-109		
4.750	18	7	3	135	-89	0	0	0	179	-119		
4.765	0	0	0	126	-92	0	0	-137	168	-165		
4.800	-44	-15	-8	109	-98	0	0	-147	144	-176		
4.835	-93	-33	-16	88	-104	0	0	-156	117	-187		
4.850	-117	-41	-20	77	-107	0	0	-160	102	-192		
4.887	-180	-63	-31	48	-111	0	0	-166	64	-198		
4.900	-202	-71	-35	41	-113	0	0	-169	54	-202		
4.917	-234	-82	-40	36	-115	0	0	-172	48	-205		
4.950	-298	-105	-51	42	-119	0	0	-188	55	-225		
5.000	-406	-142	-70	56	-151	0	0	-261	75	-312		
5.000	-406	-142	-70	55	-150	0	0	-260	74	-311		
5.042	-317	-111	-55	46	-137	0	0	-204	61	-245		
5.050	-302	-106	-52	44	-135	0	0	-199	59	-239		
5.085	-236	-83	-41	39	-124	0	0	-184	52	-220		
5.100	-208	-73	-36	38	-121	0	0	-179	51	-214		
5.112	-186	-65	-32	43	-117	0	0	-174	57	-208		
5.150	-124	-43	-21	65	-110	0	0	-163	86	-196		
5.200	-50	-17	-9	95	-100	0	0	-148	126	-178		
5.210	-37	-13	-6	100	-97	0	0	-145	133	-173		
5.239	0	0	0	117	-92	0	0	-137	155	-164		
5.250	13	5	2	123	-91	0	0	0	164	-120		
5.300	65	23	11	149	-83	0	0	0	198	-111		
5.335	95	33	16	165	-78	0	0	0	219	-104		
5.350	106	37	18	170	-76	0	0	0	226	-100		
5.400	134	47	23	183	-67	0	0	0	243	-89		
5.450	151	53	26	192	-58	0	0	0	255	-78		
5.460	153	54	26	193	-57	0	0	0	257	-75		
5.500	157	55	27	196	-50	0	0	0	261	-66		
5.504	157	55	27	196	-49	0	0	0	261	-65		
5.550	153	53	26	196	-56	0	0	0	260	-74		
5.585	143	50	25	193	-62	0	0	0	257	-82		
5.600	137	48	23	190	-64	0	0	0	253	-85		
5.650	107	38	19	177	-72	0	0	0	235	-96		
5.700	67	24	12	158	-80	0	0	0	210	-107		
5.710	58	21	10	153	-82	0	0	0	204	-109		
5.750	16	6	3	135	-89	0	0	0	179	-118		
5.764	0	0	0	127	-92	0	0	-137	169	-164		
5.800	-45	-16	-8	108	-98	0	0	-147	144	-176		
5.835	-94	-33	-16	88	-104	0	0	-156	117	-187		
5.850	-118	-41	-20	77	-107	0	0	-160	102	-191		
5.888	-180	-63	-31	48	-111	0	0	-165	64	-198		
5.900	-202	-71	-35	40	-113	0	0	-169	53	-202		
5.917	-234	-82	-40	34	-115	0	0	-171	45	-205		
5.950	-298	-105	-51	42	-119	0	0	-188	55	-225		
6.000	-406	-142	-70	56	-151	0	0	-261	75	-312		
6.000	-405	-142	-70	55	-150	0	0	-260	73	-311		
6.042	-316	-111	-54	46	-137	0	0	-204	61	-245		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
6.050	-301	-106	-52	44	-135	0	0	-199	59	-239		
6.085	-235	-83	-40	39	-124	0	0	-184	52	-220		
6.100	-207	-73	-36	38	-121	0	0	-179	51	-214		
6.112	-185	-65	-32	43	-117	0	0	-174	57	-208		
6.150	-122	-43	-21	65	-110	0	0	-163	86	-196		
6.200	-48	-17	-8	95	-100	0	0	-148	126	-178		
6.210	-35	-12	-6	100	-97	0	0	-145	133	-173		
6.237	0	0	0	116	-92	0	0	-138	154	-165		
6.250	15	5	3	123	-91	0	0	0	164	-121		
6.300	68	24	12	149	-83	0	0	0	198	-111		
6.335	98	34	17	165	-78	0	0	0	219	-104		
6.350	109	38	18	170	-76	0	0	0	226	-100		
6.400	137	48	23	183	-67	0	0	0	243	-89		
6.450	154	54	26	192	-58	0	0	0	255	-78		
6.460	156	55	27	193	-57	0	0	0	257	-75		
6.500	161	56	28	196	-50	0	0	0	261	-66		
6.506	161	56	28	196	-49	0	0	0	261	-65		
6.550	157	55	27	196	-49	0	0	0	260	-65		
6.585	147	51	25	193	-54	0	0	0	257	-72		
6.600	141	49	24	190	-56	0	0	0	253	-75		
6.650	112	39	19	176	-63	0	0	0	235	-84		
6.700	72	25	12	158	-71	0	0	0	210	-94		
6.710	63	22	11	153	-72	0	0	0	204	-96		
6.750	21	8	4	134	-79	0	0	0	179	-105		
6.769	0	0	0	124	-82	0	0	-103	165	-123		
6.800	-40	-14	-7	108	-87	0	0	-109	143	-131		
6.835	-88	-31	-16	87	-92	0	0	-116	116	-139		
6.850	-112	-40	-20	76	-95	0	0	-119	101	-142		
6.900	-196	-69	-34	39	-100	0	0	-125	52	-149		
6.917	-228	-80	-40	32	-101	0	0	-135	43	-162		
6.950	-291	-103	-51	40	-105	0	0	-182	54	-218		
7.000	-398	-140	-69	55	-151	0	0	-253	73	-303		
7.000	-397	-140	-69	54	-150	0	0	-253	72	-302		
7.050	-312	-110	-54	46	-139	0	0	-205	61	-246		
7.053	-307	-108	-53	44	-137	0	0	-203	59	-243		
7.100	-234	-83	-41	40	-127	0	0	-188	53	-225		
7.106	-225	-80	-39	39	-124	0	0	-185	52	-221		
7.125	-196	-69	-34	41	-122	0	0	-181	54	-216		
7.150	-160	-57	-28	52	-118	0	0	-175	69	-210		
7.200	-93	-33	-16	78	-110	0	0	-164	104	-196		
7.250	-34	-12	-6	103	-102	0	0	-152	138	-182		
7.262	-20	-7	-3	109	-100	0	0	-149	145	-179		
7.281	0	0	0	118	-98	0	0	-145	157	-174		
7.300	19	7	3	128	-95	0	0	0	170	-127		
7.350	66	23	11	151	-90	0	0	0	201	-119		
7.400	105	36	18	171	-84	0	0	0	227	-112		
7.418	118	41	20	177	-82	0	0	0	236	-109		
7.450	136	47	23	185	-78	0	0	0	246	-104		
7.500	159	56	28	194	-71	0	0	0	258	-95		
7.550	175	62	30	199	-64	0	0	0	264	-86		
7.575	180	64	31	199	-61	0	0	0	265	-81		
7.600	184	65	32	199	-58	0	0	0	265	-77		
7.643	187	66	33	199	-52	0	0	0	265	-69		
7.650	186	66	33	199	-51	0	0	0	265	-68		
7.700	182	64	32	194	-44	0	0	0	259	-59		
7.731	176	62	31	188	-41	0	0	0	250	-55		
7.750	170	60	30	182	-39	0	0	0	242	-52		
7.800	150	53	26	159	-32	0	0	0	211	-43		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 1

LL TEMPLATE NUMBER: 10

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

*** UNFACTORED MOMENT SUMMARY (Continued) ***

Note: Impact NOT Included, except for COMBINED.

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
7.850		122	43	21	128	-25	0	0	0	171	-33		
7.865		113	40	20	117	-22	0	0	0	156	-29		
7.900		88	31	16	91	-17	0	0	0	121	-23		
7.950		48	17	8	48	-9	0	0	0	64	-12		
7.994		6	2	1	6	-2	0	0	0	8	-3		
8.000		0	0	0	2	-2	0	0	-3	3	-3		
8.000	0	0	0	0	0	-2	0	0	-2	0	-2		
8.375	0	0	0	0	0	-1	0	0	-1	0	-1		
9.000	0	0	0	0	0	0	0	0	0	0	0		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1

LL TEMPLATE NUMBER: 1

LIVE LOAD: HL-93-ED

LANE POSITION: MULTIPLE LANE WITH IMPACT

*** UNFACTORED SHEAR SUMMARY (Based on Input Section) ***

Note: Impact NOT Included, except for COMBINED.

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC FRAC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.2	-0.1	0.1	-0.1	0.3	-0.2		
0.625	-0.2	-0.1	0.0	0.2	-0.1	0.1	-0.1	0.3	-0.2		
1.000	-0.3	-0.2	0.0	0.2	-0.1	0.1	-0.1	0.3	-0.2		
1.000	13.3	4.8	1.4	21.5	-4.5	7.1	-2.4	35.7	-8.5		
1.000	13.3	4.8	1.4	21.5	-4.5	7.1	-2.4	35.7	-8.5		
1.049	11.4	4.1	1.3	21.5	-4.5	6.9	-2.4	35.5	-8.5		
1.050	11.3	4.1	1.3	21.5	-4.6	6.9	-2.5	35.5	-8.5		
1.100	9.4	3.4	1.2	20.4	-4.6	6.4	-2.5	33.5	-8.6		
1.109	9.1	3.3	1.1	20.1	-4.6	6.2	-2.5	33.0	-8.6		
1.150	7.6	2.7	1.1	19.2	-4.6	5.8	-2.6	31.4	-8.7		
1.169	6.8	2.4	1.1	18.6	-4.6	5.6	-2.7	30.3	-8.7		
1.200	5.7	2.0	1.1	17.9	-4.6	5.3	-2.7	29.0	-8.8		
1.203	5.6	2.0	1.0	17.5	-4.6	5.1	-2.7	28.4	-8.8		
1.230	4.6	1.6	1.0	16.8	-4.6	4.9	-2.8	27.3	-8.9		
1.248	3.9	1.4	0.9	16.4	-4.6	4.7	-2.9	26.5	-8.9		
1.250	3.8	1.3	0.9	16.3	-4.6	4.7	-2.9	26.4	-8.9		
1.300	1.9	0.6	0.5	14.7	-5.5	4.2	-3.0	23.8	-10.4		
1.350	0.1	0.0	0.2	13.1	-6.6	3.6	-3.3	21.1	-12.1		
1.352	0.0	-0.1	0.2	12.7	-6.7	3.5	-3.3	20.3	-12.1		
1.400	-1.8	-0.7	-0.2	11.5	-7.8	3.1	-3.6	18.4	-13.9		
1.407	-2.9	-0.9	-0.3	10.9	-9.6	2.9	-3.9	17.4	-16.7		
1.450	-4.5	-1.5	-0.6	8.2	-10.8	2.3	-4.3	13.2	-18.6		
1.500	-6.4	-2.2	-0.9	6.7	-12.5	2.0	-4.8	10.9	-21.4		
1.550	-8.2	-2.9	-1.3	5.4	-14.3	1.7	-5.3	8.9	-24.3		
1.585	-9.6	-3.4	-1.5	4.4	-15.3	1.6	-5.6	7.4	-26.0		
1.600	-10.1	-3.6	-1.6	4.2	-16.1	1.5	-5.9	7.1	-27.3		
1.650	-12.0	-4.3	-2.0	3.1	-17.9	1.4	-6.4	5.5	-30.2		
1.686	-13.3	-4.8	-2.2	2.4	-18.9	1.3	-6.8	4.5	-31.8		
1.700	-13.9	-5.0	-2.3	2.3	-19.5	1.3	-7.0	4.3	-33.0		
1.750	-15.7	-5.6	-2.6	1.9	-21.1	1.2	-7.6	3.7	-35.6		
1.764	-16.6	-5.8	-2.7	3.1	-24.5	1.5	-8.4	5.7	-41.0		
1.800	-18.0	-6.3	-3.0	3.3	-25.7	1.6	-8.9	5.9	-43.0		
1.850	-19.9	-7.0	-3.3	3.4	-27.0	1.6	-9.5	6.1	-45.4		
1.882	-21.1	-7.5	-3.5	3.4	-27.5	1.6	-9.9	6.1	-46.4		
1.893	-21.5	-7.6	-3.6	3.4	-27.6	1.6	-10.0	6.1	-46.7		
1.900	-21.8	-7.7	-3.7	3.4	-27.9	1.6	-10.1	6.2	-47.3		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
1.950	-23.8	-8.4	-4.0	3.6	-28.6	1.6	-10.8	6.4	-48.9		
2.000	-25.7	-9.1	-4.4	3.6	-28.9	1.6	-11.4	6.4	-49.9		
2.000	26.4	9.3	4.5	23.9	-5.2	11.8	-3.1	43.5	-10.1		
2.042	24.0	8.4	4.1	23.9	-5.2	11.5	-3.1	43.2	-10.1		
2.050	23.5	8.3	4.0	23.9	-5.2	11.4	-3.1	43.1	-10.1		
2.075	22.1	7.8	3.8	23.6	-5.1	11.0	-3.0	42.3	-9.8		
2.085	22.4	7.9	3.9	24.9	-5.1	11.5	-3.0	44.5	-9.8		
2.100	21.6	7.6	3.7	24.7	-4.1	11.2	-2.7	44.1	-8.2		
2.150	18.9	6.6	3.2	24.0	-4.1	10.4	-2.7	42.2	-8.1		
2.200	16.2	5.7	2.8	22.9	-4.1	9.5	-2.8	39.9	-8.2		
2.202	16.1	5.6	2.7	22.4	-4.1	9.3	-2.7	39.2	-8.2		
2.210	15.7	5.5	2.7	22.3	-4.1	9.2	-2.7	38.9	-8.2		
2.250	13.5	4.7	2.3	21.5	-4.1	8.6	-2.9	37.3	-8.3		
2.300	10.8	3.7	1.8	20.0	-4.1	7.8	-3.0	34.4	-8.4		
2.335	9.0	3.0	1.5	18.7	-5.6	7.2	-3.2	32.0	-10.6		
2.350	7.2	2.7	1.3	16.8	-6.0	6.5	-3.3	28.9	-11.3		
2.400	4.6	1.7	0.8	15.2	-7.3	5.8	-3.6	26.0	-13.2		
2.450	1.9	0.7	0.3	13.5	-8.9	5.1	-4.0	23.0	-15.8		
2.460	1.4	0.5	0.2	12.7	-9.1	4.8	-4.1	21.6	-16.2		
2.485	0.0	0.0	0.0	12.1	-9.7	4.5	-4.3	20.6	-17.2		
2.500	-0.8	-0.3	-0.2	11.7	-10.5	4.4	-4.5	20.0	-18.5		
2.550	-3.5	-1.3	-0.6	10.0	-12.2	3.8	-5.0	17.1	-21.2		
2.585	-6.2	-2.0	-1.0	8.5	-15.2	3.4	-6.0	14.7	-26.2		
2.600	-7.1	-2.3	-1.2	6.1	-16.1	3.0	-6.4	11.1	-27.8		
2.650	-9.7	-3.3	-1.6	4.6	-18.1	2.8	-7.2	8.8	-31.2		
2.700	-12.4	-4.3	-2.1	3.5	-20.0	2.6	-8.0	7.2	-34.6		
2.710	-12.9	-4.5	-2.2	3.3	-20.3	2.6	-8.1	6.9	-35.1		
2.750	-15.1	-5.3	-2.6	3.5	-21.9	2.5	-8.9	7.1	-37.9		
2.766	-15.9	-5.6	-2.8	3.5	-22.2	2.4	-9.1	7.0	-38.7		
2.800	-17.8	-6.3	-3.1	3.7	-23.5	2.4	-9.7	7.3	-41.0		
2.835	-20.0	-7.0	-3.4	5.7	-27.7	3.1	-11.1	10.7	-47.9		
2.850	-20.8	-7.3	-3.6	6.0	-28.4	3.2	-11.5	11.2	-49.4		
2.888	-22.8	-8.0	-3.9	6.0	-29.0	3.2	-12.2	11.1	-50.8		
2.900	-23.6	-8.3	-4.1	6.1	-29.5	3.2	-12.5	11.3	-51.8		
2.917	-24.6	-8.6	-4.2	6.1	-29.7	3.2	-12.8	11.3	-52.3		
2.950	-26.5	-9.3	-4.6	6.3	-30.2	3.3	-13.5	11.7	-53.6		
3.000	-29.5	-10.3	-5.1	6.3	-30.2	3.3	-14.3	11.7	-54.5		
3.000	27.7	9.6	4.7	23.5	-5.7	13.0	-3.8	44.3	-11.3		
3.042	25.2	8.8	4.3	23.5	-5.7	12.7	-3.8	44.0	-11.3		
3.050	24.8	8.7	4.3	23.5	-5.7	12.5	-3.8	43.8	-11.3		
3.085	23.7	8.3	4.1	24.6	-5.4	12.3	-3.7	45.0	-11.0		
3.100	22.8	8.1	4.0	24.4	-4.2	12.1	-3.0	44.6	-8.5		
3.113	22.1	7.8	3.8	24.3	-4.1	11.8	-3.0	44.1	-8.4		
3.150	20.1	7.1	3.5	23.8	-4.1	11.2	-3.0	42.9	-8.4		
3.200	17.4	6.1	3.0	22.7	-4.1	10.4	-3.1	40.5	-8.5		
3.210	16.9	5.9	2.9	22.1	-4.1	10.1	-3.0	39.5	-8.5		
3.249	14.8	5.1	2.5	21.4	-4.1	9.5	-3.2	37.9	-8.6		
3.250	14.7	5.1	2.5	21.3	-4.1	9.5	-3.2	37.9	-8.6		
3.300	12.0	4.1	2.0	19.8	-4.1	8.6	-3.3	35.0	-8.7		
3.335	10.2	3.4	1.7	18.5	-5.7	8.0	-3.5	32.7	-11.0		
3.350	8.6	3.1	1.5	16.7	-6.1	7.4	-3.6	29.6	-11.7		
3.400	5.9	2.1	1.0	15.2	-7.4	6.6	-3.9	26.8	-13.7		
3.450	3.2	1.1	0.6	13.4	-9.0	5.9	-4.3	23.8	-16.2		
3.460	2.7	1.0	0.5	12.6	-9.2	5.6	-4.4	22.4	-16.6		
3.500	0.5	0.2	0.1	11.7	-10.6	5.3	-4.8	20.8	-18.9		
3.510	0.0	0.0	0.0	10.8	-10.9	5.0	-4.9	19.4	-19.3		
3.550	-2.1	-0.8	-0.4	9.9	-12.2	4.7	-5.3	17.9	-21.6		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
3.585	-4.9	-1.6	-0.8	8.5	-15.2	4.2	-6.3	15.5	-26.6		
3.600	-5.7	-1.9	-0.9	6.1	-16.1	3.9	-6.7	12.0	-28.2		
3.650	-8.4	-2.9	-1.4	4.6	-18.1	3.6	-7.5	9.7	-31.6		
3.700	-11.0	-3.9	-1.9	4.4	-20.1	3.4	-8.3	9.2	-35.0		
3.710	-11.6	-4.1	-2.0	4.4	-20.3	3.4	-8.4	9.2	-35.5		
3.750	-13.7	-4.9	-2.4	4.6	-21.9	3.3	-9.2	9.4	-38.3		
3.765	-14.5	-5.1	-2.5	4.6	-22.2	3.2	-9.4	9.3	-39.0		
3.800	-16.4	-5.8	-2.9	4.8	-23.5	3.2	-10.0	9.6	-41.3		
3.835	-18.6	-6.5	-3.2	6.9	-27.7	4.0	-11.5	13.2	-48.3		
3.850	-19.5	-6.8	-3.3	7.3	-28.4	4.1	-11.9	13.8	-49.7		
3.887	-21.5	-7.5	-3.7	7.2	-29.1	4.1	-12.5	13.7	-51.2		
3.900	-22.2	-7.8	-3.8	7.3	-29.5	4.1	-12.8	13.9	-52.1		
3.917	-23.2	-8.2	-4.0	7.3	-29.7	4.1	-13.1	13.9	-52.6		
3.950	-25.1	-8.8	-4.3	7.5	-30.2	4.2	-13.8	14.2	-53.9		
4.000	-28.1	-9.8	-4.8	7.5	-30.2	4.2	-14.7	14.2	-54.9		
4.000	27.4	9.5	4.7	23.5	-5.6	13.1	-4.1	44.4	-11.7		
4.042	24.9	8.7	4.3	23.5	-5.6	12.8	-4.2	44.1	-11.7		
4.050	24.4	8.6	4.2	23.5	-5.6	12.7	-4.2	44.0	-11.7		
4.085	23.3	8.2	4.0	24.6	-5.4	12.4	-4.1	45.1	-11.3		
4.100	22.4	7.9	3.9	24.4	-4.1	12.2	-3.3	44.6	-8.8		
4.112	21.7	7.7	3.8	24.3	-4.0	11.9	-3.2	44.2	-8.6		
4.150	19.7	6.9	3.4	23.8	-4.1	11.3	-3.3	42.9	-8.7		
4.200	17.0	6.0	2.9	22.7	-4.1	10.4	-3.3	40.6	-8.7		
4.210	16.5	5.8	2.8	22.1	-4.1	10.1	-3.3	39.6	-8.7		
4.234	15.2	5.3	2.6	21.7	-4.1	9.8	-3.3	38.6	-8.7		
4.250	14.3	5.0	2.4	21.3	-4.1	9.6	-3.4	37.9	-8.8		
4.300	11.7	4.0	2.0	19.8	-4.1	8.7	-3.5	35.1	-8.9		
4.335	9.8	3.3	1.6	18.5	-5.7	8.1	-3.7	32.7	-11.3		
4.350	8.2	3.0	1.5	16.7	-6.1	7.4	-3.8	29.7	-11.9		
4.400	5.5	2.0	1.0	15.1	-7.4	6.7	-4.1	26.8	-13.9		
4.450	2.8	1.0	0.5	13.4	-9.0	6.0	-4.5	23.9	-16.4		
4.460	2.3	0.8	0.4	12.6	-9.2	5.7	-4.6	22.5	-16.8		
4.500	0.1	0.0	0.0	11.7	-10.6	5.3	-5.0	20.9	-19.1		
4.503	0.0	0.0	0.0	11.0	-10.7	5.1	-5.0	19.8	-19.2		
4.550	-2.5	-1.0	-0.5	9.9	-12.2	4.7	-5.5	17.9	-21.8		
4.585	-5.3	-1.7	-0.8	8.5	-15.2	4.3	-6.5	15.5	-26.8		
4.600	-6.1	-2.0	-1.0	6.1	-16.2	4.0	-6.9	12.0	-28.4		
4.650	-8.8	-3.0	-1.5	4.6	-18.1	3.7	-7.7	9.8	-31.8		
4.700	-11.5	-4.0	-2.0	4.4	-20.1	3.5	-8.5	9.3	-35.2		
4.710	-12.0	-4.2	-2.1	4.4	-20.3	3.4	-8.7	9.3	-35.7		
4.750	-14.1	-5.0	-2.4	4.6	-21.9	3.4	-9.4	9.4	-38.5		
4.765	-14.9	-5.3	-2.6	4.6	-22.3	3.3	-9.6	9.4	-39.2		
4.800	-16.8	-6.0	-2.9	4.8	-23.5	3.3	-10.3	9.6	-41.5		
4.835	-19.0	-6.7	-3.3	6.9	-27.7	4.1	-11.8	13.3	-48.6		
4.850	-19.9	-6.9	-3.4	7.3	-28.4	4.2	-12.2	13.9	-50.0		
4.887	-21.9	-7.7	-3.8	7.2	-29.1	4.2	-12.8	13.8	-51.4		
4.900	-22.6	-8.0	-3.9	7.3	-29.5	4.2	-13.1	14.0	-52.4		
4.917	-23.6	-8.3	-4.1	7.3	-29.7	4.2	-13.4	13.9	-52.9		
4.950	-25.6	-9.0	-4.4	7.5	-30.2	4.3	-14.1	14.3	-54.2		
5.000	-28.5	-9.9	-4.9	7.5	-30.2	4.3	-15.0	14.3	-55.1		
5.000	27.5	9.6	4.7	23.5	-5.6	13.1	-4.1	44.5	-11.6		
5.042	25.0	8.7	4.3	23.5	-5.6	12.8	-4.1	44.1	-11.6		
5.050	24.5	8.6	4.2	23.5	-5.6	12.7	-4.1	44.0	-11.6		
5.085	23.4	8.2	4.0	24.6	-5.4	12.4	-4.0	45.1	-11.2		
5.100	22.5	8.0	3.9	24.4	-4.1	12.1	-3.2	44.6	-8.7		
5.112	21.8	7.7	3.8	24.3	-4.0	11.9	-3.1	44.1	-8.5		
5.150	19.8	7.0	3.4	23.8	-4.1	11.3	-3.2	42.9	-8.6		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
5.200	17.1	6.0	2.9	22.7	-4.1	10.4	-3.2	40.5	-8.6		
5.210	16.6	5.8	2.9	22.1	-4.1	10.1	-3.2	39.5	-8.6		
5.239	15.0	5.2	2.6	21.6	-4.1	9.7	-3.3	38.4	-8.7		
5.250	14.4	5.0	2.5	21.3	-4.1	9.5	-3.3	37.9	-8.7		
5.300	11.7	4.0	2.0	19.8	-4.1	8.7	-3.4	35.1	-8.8		
5.335	9.9	3.4	1.6	18.5	-5.7	8.0	-3.6	32.7	-11.2		
5.350	8.3	3.0	1.5	16.7	-6.1	7.4	-3.7	29.6	-11.9		
5.400	5.6	2.0	1.0	15.1	-7.4	6.6	-4.0	26.8	-13.8		
5.450	2.9	1.0	0.5	13.4	-9.0	5.9	-4.4	23.8	-16.3		
5.460	2.4	0.9	0.4	12.6	-9.2	5.6	-4.5	22.4	-16.7		
5.500	0.2	0.1	0.0	11.7	-10.6	5.3	-4.9	20.8	-19.0		
5.504	0.0	0.0	0.0	11.0	-10.7	5.0	-4.9	19.6	-19.2		
5.550	-2.4	-0.9	-0.5	9.9	-12.2	4.6	-5.4	17.8	-21.7		
5.585	-5.2	-1.7	-0.8	8.5	-15.2	4.2	-6.4	15.5	-26.7		
5.600	-6.0	-2.0	-1.0	6.1	-16.2	3.9	-6.8	11.9	-28.3		
5.650	-8.7	-3.0	-1.5	4.6	-18.1	3.6	-7.6	9.8	-31.7		
5.700	-11.4	-4.0	-1.9	4.4	-20.1	3.4	-8.4	9.3	-35.1		
5.710	-11.9	-4.2	-2.0	4.4	-20.3	3.4	-8.6	9.2	-35.6		
5.750	-14.0	-5.0	-2.4	4.6	-21.9	3.3	-9.3	9.4	-38.4		
5.764	-14.8	-5.2	-2.6	4.6	-22.2	3.3	-9.5	9.3	-39.1		
5.800	-16.7	-5.9	-2.9	4.8	-23.5	3.2	-10.2	9.6	-41.5		
5.835	-18.9	-6.6	-3.2	6.9	-27.7	4.0	-11.7	13.3	-48.5		
5.850	-19.8	-6.9	-3.4	7.3	-28.4	4.2	-12.1	13.8	-49.9		
5.888	-21.8	-7.6	-3.8	7.2	-29.1	4.1	-12.7	13.7	-51.4		
5.900	-22.5	-7.9	-3.9	7.3	-29.5	4.2	-13.1	13.9	-52.3		
5.917	-23.5	-8.3	-4.1	7.3	-29.7	4.2	-13.3	13.9	-52.9		
5.950	-25.5	-8.9	-4.4	7.5	-30.2	4.3	-14.0	14.3	-54.2		
6.000	-28.4	-9.9	-4.9	7.5	-30.2	4.3	-14.9	14.3	-55.1		
6.000	27.5	9.6	4.7	23.5	-5.3	12.9	-3.7	44.2	-10.8		
6.042	25.1	8.7	4.3	23.5	-5.3	12.5	-3.7	43.8	-10.8		
6.050	24.6	8.6	4.2	23.5	-5.3	12.4	-3.7	43.7	-10.8		
6.085	23.5	8.3	4.1	24.6	-5.1	12.0	-3.6	44.7	-10.4		
6.100	22.6	8.0	3.9	24.4	-3.7	11.8	-2.8	44.2	-7.7		
6.112	21.9	7.7	3.8	24.3	-3.6	11.5	-2.7	43.8	-7.5		
6.150	19.9	7.0	3.4	23.8	-3.6	10.9	-2.8	42.5	-7.7		
6.200	17.2	6.0	2.9	22.7	-3.6	10.0	-2.8	40.1	-7.7		
6.210	16.7	5.8	2.9	22.1	-3.6	9.7	-2.8	39.1	-7.6		
6.237	15.2	5.3	2.6	21.6	-3.6	9.3	-2.9	38.0	-7.7		
6.250	14.5	5.0	2.5	21.3	-3.6	9.1	-2.9	37.5	-7.8		
6.300	11.8	4.1	2.0	19.8	-3.6	8.3	-3.0	34.7	-7.8		
6.335	10.0	3.4	1.6	18.5	-5.7	7.6	-3.2	32.3	-10.8		
6.350	8.3	3.0	1.5	16.7	-6.1	7.0	-3.3	29.2	-11.5		
6.400	5.7	2.0	1.0	15.1	-7.4	6.2	-3.5	26.3	-13.3		
6.450	3.0	1.1	0.5	13.4	-9.0	5.5	-3.9	23.4	-15.9		
6.460	2.5	0.9	0.4	12.6	-9.2	5.2	-4.0	22.0	-16.3		
6.500	0.3	0.1	0.0	11.7	-10.6	4.8	-4.4	20.3	-18.5		
6.506	0.0	0.0	0.0	10.9	-10.7	4.6	-4.5	19.1	-18.8		
6.550	-2.4	-0.9	-0.5	9.9	-12.2	4.2	-5.0	17.4	-21.2		
6.585	-5.1	-1.7	-0.8	8.4	-15.2	3.8	-6.0	15.0	-26.2		
6.600	-5.9	-2.0	-1.0	6.0	-16.1	3.5	-6.4	11.5	-27.8		
6.650	-8.6	-3.0	-1.4	4.6	-18.1	3.2	-7.1	9.3	-31.3		
6.700	-11.3	-3.9	-1.9	4.4	-20.1	3.0	-8.0	8.8	-34.7		
6.710	-11.8	-4.1	-2.0	4.4	-20.3	3.0	-8.1	8.8	-35.2		
6.750	-13.9	-4.9	-2.4	4.5	-21.9	2.9	-8.9	8.9	-38.0		
6.769	-14.9	-5.3	-2.6	4.5	-22.3	2.9	-9.1	8.9	-38.8		
6.800	-16.6	-5.9	-2.9	4.7	-23.5	2.8	-9.7	9.1	-41.0		
6.835	-18.9	-6.6	-3.2	6.9	-27.7	3.7	-11.4	12.8	-48.2		
6.850	-19.7	-6.9	-3.4	7.2	-28.5	3.8	-11.8	13.5	-49.7		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.900	-22.4	-7.9	-3.9	7.3	-29.6	3.9	-12.8	13.6	-52.1		
6.917	-23.4	-8.2	-4.0	7.3	-29.8	3.8	-13.1	13.5	-52.7		
6.950	-25.3	-8.9	-4.4	7.5	-30.2	4.0	-13.8	13.9	-54.0		
7.000	-28.2	-9.9	-4.8	7.5	-30.3	3.9	-14.6	13.9	-54.9		
7.000	27.9	9.8	4.8	23.6	-5.0	12.1	-2.5	43.5	-9.2		
7.050	25.6	9.0	4.4	23.8	-5.0	11.8	-2.6	43.5	-9.2		
7.053	25.5	9.0	4.4	23.8	-4.5	11.7	-2.4	43.4	-8.4		
7.100	23.3	8.2	4.0	23.3	-4.5	11.1	-2.4	42.1	-8.4		
7.106	23.9	8.5	4.2	24.6	-4.0	11.0	-2.3	43.7	-7.6		
7.125	23.0	8.2	4.0	24.5	-2.1	10.6	-1.5	43.2	-4.3		
7.150	21.9	7.8	3.8	24.2	-2.1	10.3	-1.5	42.5	-4.3		
7.200	19.8	7.0	3.4	23.4	-2.3	9.6	-1.5	40.7	-4.6		
7.250	17.6	6.2	3.1	22.4	-2.7	8.8	-1.5	38.7	-5.1		
7.262	17.1	6.0	3.0	21.9	-2.8	8.6	-1.5	37.7	-5.2		
7.281	16.3	5.7	2.8	21.6	-2.8	8.3	-1.5	37.1	-5.3		
7.300	15.5	5.4	2.7	21.3	-3.1	8.1	-1.6	36.4	-5.7		
7.350	13.4	4.6	2.3	19.9	-3.5	7.4	-1.6	34.0	-6.3		
7.400	11.2	3.9	1.9	18.4	-4.0	6.7	-1.7	31.3	-7.1		
7.418	10.4	3.6	1.8	17.6	-5.8	6.4	-1.8	29.8	-9.5		
7.450	8.2	3.0	1.5	15.0	-6.4	5.5	-1.9	25.5	-10.4		
7.500	6.1	2.2	1.1	13.4	-7.6	4.9	-2.2	22.7	-12.3		
7.550	4.0	1.4	0.7	11.6	-9.0	4.3	-2.5	19.7	-14.5		
7.575	2.9	1.1	0.5	10.4	-9.6	4.0	-2.6	17.8	-15.4		
7.600	1.8	0.7	0.3	9.8	-10.5	3.8	-2.8	16.8	-16.8		
7.643	0.0	0.0	0.0	8.2	-11.5	3.4	-3.1	14.3	-18.5		
7.650	-0.3	-0.1	-0.1	8.0	-12.1	3.3	-3.3	14.0	-19.3		
7.700	-2.5	-0.9	-0.4	6.2	-13.7	2.9	-3.8	11.1	-22.0		
7.731	-4.4	-1.5	-0.7	4.8	-17.3	2.9	-5.1	9.2	-28.1		
7.750	-5.3	-1.8	-0.9	4.8	-18.3	2.9	-5.5	9.3	-29.9		
7.800	-7.4	-2.6	-1.3	5.0	-20.4	2.8	-6.3	9.5	-33.4		
7.850	-9.6	-3.3	-1.7	5.3	-22.5	2.8	-7.0	9.9	-36.9		
7.865	-10.2	-3.6	-1.8	5.3	-23.0	2.8	-7.2	9.9	-37.8		
7.900	-11.7	-4.1	-2.0	5.6	-24.5	2.8	-7.8	10.3	-40.3		
7.950	-13.8	-4.9	-2.4	5.9	-26.1	2.9	-8.6	10.7	-43.4		
7.994	-15.7	-5.6	-2.8	5.9	-27.1	2.9	-9.2	10.7	-45.2		
8.000	-16.0	-5.7	-2.8	5.9	-27.2	2.9	-9.3	10.7	-45.5		
8.000	0.2	0.2	0.1	3.6	0.0	0.0	0.0	4.8	0.0		
8.375	0.1	0.1	0.1	3.6	0.0	0.0	0.0	4.8	0.0		
9.000	0.0	0.0	0.0	3.6	0.0	0.0	0.0	4.7	0.0		

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0							0.1	0.0
0.625	-0.2	-0.1	0.0							0.1	0.0
1.000	-0.3	-0.2	0.0							0.1	0.0
1.000	13.3	4.8	1.4							14.0	-3.0
1.000	13.3	4.8	1.4							14.0	-3.0
1.049	11.4	4.1	1.3							14.0	-3.0
1.050	11.3	4.1	1.3							14.1	-3.0

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)
1.100		9.4	3.4	1.2					13.0	-3.0	
1.109		9.1	3.3	1.1					12.8	-3.0	
1.150		7.6	2.7	1.1					12.0	-3.1	
1.169		6.8	2.4	1.1					11.6	-3.1	
1.200		5.7	2.0	1.1					11.0	-3.1	
1.203		5.6	2.0	1.0					10.7	-3.1	
1.230		4.6	1.6	1.0					10.2	-3.1	
1.248		3.9	1.4	0.9					9.8	-3.1	
1.250		3.8	1.3	0.9					9.8	-3.1	
1.300		1.9	0.6	0.5					8.7	-3.4	
1.350		0.1	0.0	0.2					7.6	-4.2	
1.352		0.0	-0.1	0.2					7.4	-4.2	
1.400		-1.8	-0.7	-0.2					6.7	-4.9	
1.407		-2.9	-0.9	-0.3					6.4	-6.0	
1.450		-4.5	-1.5	-0.6					4.8	-6.8	
1.500		-6.4	-2.2	-0.9					3.6	-7.7	
1.550		-8.2	-2.9	-1.3					3.0	-8.9	
1.585		-9.6	-3.4	-1.5					2.5	-9.4	
1.600		-10.1	-3.6	-1.6					2.4	-9.9	
1.650		-12.0	-4.3	-2.0					1.9	-10.8	
1.686		-13.3	-4.8	-2.2					1.5	-11.3	
1.700		-13.9	-5.0	-2.3					1.5	-11.6	
1.750		-15.7	-5.6	-2.6					1.0	-12.5	
1.764		-16.6	-5.8	-2.7					1.4	-14.6	
1.800		-18.0	-6.3	-3.0					1.5	-15.5	
1.850		-19.9	-7.0	-3.3					1.6	-16.7	
1.882		-21.1	-7.5	-3.5					1.6	-17.3	
1.893		-21.5	-7.6	-3.6					1.6	-17.5	
1.900		-21.8	-7.7	-3.7					1.6	-17.8	
1.950		-23.8	-8.4	-4.0					1.7	-18.8	
2.000		-25.7	-9.1	-4.4					1.7	-19.7	
2.000	26.4		9.3	4.5					17.3	-2.0	
2.042	24.0		8.4	4.1					17.3	-2.0	
2.050	23.5		8.3	4.0					17.3	-2.1	
2.075	22.1		7.8	3.8					16.8	-2.1	
2.085	22.4		7.9	3.9					18.1	-2.6	
2.100	21.6		7.6	3.7					17.8	-2.6	
2.150	18.9		6.6	3.2					16.8	-2.6	
2.200	16.2		5.7	2.8					15.7	-2.6	
2.202	16.1		5.6	2.7					15.4	-2.6	
2.210	15.7		5.5	2.7					15.3	-2.6	
2.250	13.5		4.7	2.3					14.4	-2.6	
2.300	10.8		3.7	1.8					13.1	-2.6	
2.335	9.0		3.0	1.5					12.1	-3.3	
2.350	7.2		2.7	1.3					10.9	-3.7	
2.400	4.6		1.7	0.8					9.6	-4.4	
2.450	1.9		0.7	0.3					8.2	-5.1	
2.460	1.4		0.5	0.2					7.7	-5.2	
2.485	0.0		0.0	0.0					7.2	-5.5	
2.500	-0.8		-0.3	-0.2					6.9	-6.0	
2.550	-3.5		-1.3	-0.6					5.7	-7.2	
2.585	-6.2		-2.0	-1.0					4.9	-9.1	
2.600	-7.1		-2.3	-1.2					3.4	-9.7	
2.650	-9.7		-3.3	-1.6					2.3	-11.2	
2.700	-12.4		-4.3	-2.1					1.7	-12.8	
2.710	-12.9		-4.5	-2.2					1.6	-13.0	
2.750	-15.1		-5.3	-2.6					1.6	-14.3	
2.766	-15.9		-5.6	-2.8					1.6	-14.6	

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
2.800	-17.8	-6.3	-3.1							1.6	-15.8
2.835	-20.0	-7.0	-3.4							2.4	-18.7
2.850	-20.8	-7.3	-3.6							2.6	-19.4
2.888	-22.8	-8.0	-3.9							2.5	-20.1
2.900	-23.6	-8.3	-4.1							2.6	-20.5
2.917	-24.6	-8.6	-4.2							2.6	-20.8
2.950	-26.5	-9.3	-4.6							2.7	-21.5
3.000	-29.5	-10.3	-5.1							2.8	-22.2
3.000	27.7	9.6	4.7							17.0	-2.5
3.042	25.2	8.8	4.3							17.0	-2.4
3.050	24.8	8.7	4.3							17.0	-2.4
3.085	23.7	8.3	4.1							17.8	-2.5
3.100	22.8	8.1	4.0							17.7	-2.6
3.113	22.1	7.8	3.8							17.4	-2.6
3.150	20.1	7.1	3.5							16.7	-2.6
3.200	17.4	6.1	3.0							15.5	-2.6
3.210	16.9	5.9	2.9							15.2	-2.6
3.249	14.8	5.1	2.5							14.3	-2.6
3.250	14.7	5.1	2.5							14.3	-2.6
3.300	12.0	4.1	2.0							13.0	-2.6
3.335	10.2	3.4	1.7							12.0	-3.4
3.350	8.6	3.1	1.5							10.9	-3.7
3.400	5.9	2.1	1.0							9.5	-4.4
3.450	3.2	1.1	0.6							8.2	-5.2
3.460	2.7	1.0	0.5							7.6	-5.3
3.500	0.5	0.2	0.1							6.9	-6.1
3.510	0.0	0.0	0.0							6.4	-6.2
3.550	-2.1	-0.8	-0.4							5.7	-7.2
3.585	-4.9	-1.6	-0.8							4.8	-9.1
3.600	-5.7	-1.9	-0.9							3.4	-9.8
3.650	-8.4	-2.9	-1.4							2.8	-11.3
3.700	-11.0	-3.9	-1.9							2.8	-12.8
3.710	-11.6	-4.1	-2.0							2.8	-13.0
3.750	-13.7	-4.9	-2.4							2.8	-14.3
3.765	-14.5	-5.1	-2.5							2.8	-14.7
3.800	-16.4	-5.8	-2.9							2.8	-15.8
3.835	-18.6	-6.5	-3.2							3.1	-18.8
3.850	-19.5	-6.8	-3.3							3.2	-19.4
3.887	-21.5	-7.5	-3.7							3.2	-20.1
3.900	-22.2	-7.8	-3.8							3.2	-20.6
3.917	-23.2	-8.2	-4.0							3.2	-20.8
3.950	-25.1	-8.8	-4.3							3.2	-21.5
4.000	-28.1	-9.8	-4.8							3.2	-22.2
4.000	27.4	9.5	4.7							17.0	-2.5
4.042	24.9	8.7	4.3							17.0	-2.4
4.050	24.4	8.6	4.2							17.0	-2.4
4.085	23.3	8.2	4.0							17.8	-2.5
4.100	22.4	7.9	3.9							17.7	-2.6
4.112	21.7	7.7	3.8							17.4	-2.6
4.150	19.7	6.9	3.4							16.7	-2.6
4.200	17.0	6.0	2.9							15.5	-2.6
4.210	16.5	5.8	2.8							15.2	-2.6
4.234	15.2	5.3	2.6							14.6	-2.6
4.250	14.3	5.0	2.4							14.3	-2.6
4.300	11.7	4.0	2.0							13.0	-2.6
4.335	9.8	3.3	1.6							12.0	-3.4
4.350	8.2	3.0	1.5							10.9	-3.7

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK+LANE		TRUCK	
	SHEAR	SHEAR	SHEAR					MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
4.400	5.5	2.0	1.0						9.5	-4.4	
4.450	2.8	1.0	0.5						8.2	-5.2	
4.460	2.3	0.8	0.4						7.6	-5.3	
4.500	0.1	0.0	0.0						6.9	-6.1	
4.503	0.0	0.0	0.0						6.5	-6.1	
4.550	-2.5	-1.0	-0.5						5.7	-7.2	
4.585	-5.3	-1.7	-0.8						4.8	-9.2	
4.600	-6.1	-2.0	-1.0						3.4	-9.8	
4.650	-8.8	-3.0	-1.5						2.8	-11.3	
4.700	-11.5	-4.0	-2.0						2.8	-12.8	
4.710	-12.0	-4.2	-2.1						2.8	-13.0	
4.750	-14.1	-5.0	-2.4						2.8	-14.3	
4.765	-14.9	-5.3	-2.6						2.8	-14.7	
4.800	-16.8	-6.0	-2.9						2.9	-15.8	
4.835	-19.0	-6.7	-3.3						3.1	-18.8	
4.850	-19.9	-6.9	-3.4						3.2	-19.4	
4.887	-21.9	-7.7	-3.8						3.2	-20.1	
4.900	-22.6	-8.0	-3.9						3.2	-20.6	
4.917	-23.6	-8.3	-4.1						3.2	-20.8	
4.950	-25.6	-9.0	-4.4						3.2	-21.5	
5.000	-28.5	-9.9	-4.9						3.2	-22.2	
5.000	27.5	9.6	4.7						17.0	-2.5	
5.042	25.0	8.7	4.3						17.0	-2.4	
5.050	24.5	8.6	4.2						17.0	-2.4	
5.085	23.4	8.2	4.0						17.8	-2.5	
5.100	22.5	8.0	3.9						17.7	-2.6	
5.112	21.8	7.7	3.8						17.4	-2.6	
5.150	19.8	7.0	3.4						16.7	-2.6	
5.200	17.1	6.0	2.9						15.5	-2.6	
5.210	16.6	5.8	2.9						15.2	-2.6	
5.239	15.0	5.2	2.6						14.5	-2.6	
5.250	14.4	5.0	2.5						14.3	-2.6	
5.300	11.7	4.0	2.0						13.0	-2.6	
5.335	9.9	3.4	1.6						12.0	-3.4	
5.350	8.3	3.0	1.5						10.9	-3.7	
5.400	5.6	2.0	1.0						9.5	-4.4	
5.450	2.9	1.0	0.5						8.2	-5.2	
5.460	2.4	0.9	0.4						7.6	-5.3	
5.500	0.2	0.1	0.0						6.9	-6.1	
5.504	0.0	0.0	0.0						6.5	-6.1	
5.550	-2.4	-0.9	-0.5						5.7	-7.2	
5.585	-5.2	-1.7	-0.8						4.8	-9.2	
5.600	-6.0	-2.0	-1.0						3.4	-9.8	
5.650	-8.7	-3.0	-1.5						2.8	-11.3	
5.700	-11.4	-4.0	-1.9						2.8	-12.8	
5.710	-11.9	-4.2	-2.0						2.8	-13.0	
5.750	-14.0	-5.0	-2.4						2.8	-14.3	
5.764	-14.8	-5.2	-2.6						2.8	-14.6	
5.800	-16.7	-5.9	-2.9						2.9	-15.8	
5.835	-18.9	-6.6	-3.2						3.1	-18.8	
5.850	-19.8	-6.9	-3.4						3.2	-19.4	
5.888	-21.8	-7.6	-3.8						3.2	-20.1	
5.900	-22.5	-7.9	-3.9						3.2	-20.6	
5.917	-23.5	-8.3	-4.1						3.2	-20.8	
5.950	-25.5	-8.9	-4.4						3.2	-21.6	
6.000	-28.4	-9.9	-4.9						3.2	-22.2	
6.000	27.5	9.6	4.7						17.0	-2.5	

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK+LANE		TRUCK	
	SHEAR	SHEAR	SHEAR					MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.042	25.1	8.7	4.3							17.0	-2.4
6.050	24.6	8.6	4.2							17.0	-2.4
6.085	23.5	8.3	4.1							17.8	-2.2
6.100	22.6	8.0	3.9							17.7	-2.1
6.112	21.9	7.7	3.8							17.4	-2.1
6.150	19.9	7.0	3.4							16.7	-2.1
6.200	17.2	6.0	2.9							15.5	-2.1
6.210	16.7	5.8	2.9							15.1	-2.1
6.237	15.2	5.3	2.6							14.6	-2.1
6.250	14.5	5.0	2.5							14.3	-2.1
6.300	11.8	4.1	2.0							13.0	-2.1
6.335	10.0	3.4	1.6							12.0	-3.4
6.350	8.3	3.0	1.5							10.9	-3.7
6.400	5.7	2.0	1.0							9.5	-4.4
6.450	3.0	1.1	0.5							8.1	-5.2
6.460	2.5	0.9	0.4							7.6	-5.3
6.500	0.3	0.1	0.0							6.9	-6.1
6.506	0.0	0.0	0.0							6.4	-6.2
6.550	-2.4	-0.9	-0.5							5.7	-7.2
6.585	-5.1	-1.7	-0.8							4.8	-9.1
6.600	-5.9	-2.0	-1.0							3.4	-9.8
6.650	-8.6	-3.0	-1.4							2.8	-11.3
6.700	-11.3	-3.9	-1.9							2.8	-12.8
6.710	-11.8	-4.1	-2.0							2.8	-13.0
6.750	-13.9	-4.9	-2.4							2.8	-14.3
6.769	-14.9	-5.3	-2.6							2.8	-14.7
6.800	-16.6	-5.9	-2.9							2.8	-15.8
6.835	-18.9	-6.6	-3.2							3.1	-18.8
6.850	-19.7	-6.9	-3.4							3.2	-19.4
6.900	-22.4	-7.9	-3.9							3.2	-20.6
6.917	-23.4	-8.2	-4.0							3.2	-20.9
6.950	-25.3	-8.9	-4.4							3.2	-21.6
7.000	-28.2	-9.9	-4.8							3.2	-22.2
7.000	27.9	9.8	4.8							16.9	-2.4
7.050	25.6	9.0	4.4							17.1	-2.4
7.053	25.5	9.0	4.4							17.1	-2.2
7.100	23.3	8.2	4.0							16.4	-2.2
7.106	23.9	8.5	4.2							17.6	-2.0
7.125	23.0	8.2	4.0							17.2	-0.9
7.150	21.9	7.8	3.8							16.8	-0.9
7.200	19.8	7.0	3.4							15.8	-0.9
7.250	17.6	6.2	3.1							14.6	-1.2
7.262	17.1	6.0	3.0							14.2	-1.2
7.281	16.3	5.7	2.8							13.8	-1.3
7.300	15.5	5.4	2.7							13.4	-1.5
7.350	13.4	4.6	2.3							12.1	-1.9
7.400	11.2	3.9	1.9							10.9	-2.3
7.418	10.4	3.6	1.8							10.3	-3.6
7.450	8.2	3.0	1.5							8.5	-4.0
7.500	6.1	2.2	1.1							7.4	-4.6
7.550	4.0	1.4	0.7							6.6	-5.3
7.575	2.9	1.1	0.5							6.1	-5.6
7.600	1.8	0.7	0.3							5.3	-6.1
7.643	0.0	0.0	0.0							4.6	-6.7
7.650	-0.3	-0.1	-0.1							4.6	-7.1
7.700	-2.5	-0.9	-0.4							3.8	-8.2
7.731	-4.4	-1.5	-0.7							3.3	-10.4
7.750	-5.3	-1.8	-0.9							2.9	-11.2

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
7.800	-7.4	-2.6	-1.3							2.9	-12.6
7.850	-9.6	-3.3	-1.7							2.9	-14.2
7.865	-10.2	-3.6	-1.8							2.9	-14.5
7.900	-11.7	-4.1	-2.0							2.9	-15.7
7.950	-13.8	-4.9	-2.4							3.0	-17.0
7.994	-15.7	-5.6	-2.8							3.0	-18.0
8.000	-16.0	-5.7	-2.8							3.0	-18.1
8.000	0.2	0.2	0.1							3.0	0.0
8.375	0.1	0.1	0.1							3.0	0.0
9.000	0.0	0.0	0.0							3.0	0.0

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
0.000	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
0.625	-0.2	-0.1	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	-0.3	-0.2	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	13.3	4.8	1.4	23.9	-5.5	0.0	0.0	31.8	-7.4		
1.000	13.3	4.8	1.4	23.9	-5.5	0.0	0.0	31.8	-7.4		
1.049	11.4	4.1	1.3	23.9	-5.5	0.0	0.0	31.8	-7.4		
1.050	11.3	4.1	1.3	23.9	-5.5	0.0	0.0	31.8	-7.4		
1.100	9.4	3.4	1.2	22.2	-5.6	0.0	0.0	29.6	-7.4		
1.109	9.1	3.3	1.1	21.9	-5.6	0.0	0.0	29.1	-7.4		
1.150	7.6	2.7	1.1	20.5	-5.6	0.0	0.0	27.3	-7.4		
1.169	6.8	2.4	1.1	19.6	-5.6	0.0	0.0	26.1	-7.4		
1.200	5.7	2.0	1.1	18.6	-5.6	0.0	0.0	24.7	-7.4		
1.203	5.6	2.0	1.0	18.2	-5.6	0.0	0.0	24.2	-7.4		
1.230	4.6	1.6	1.0	17.3	-5.6	0.0	0.0	23.0	-7.4		
1.248	3.9	1.4	0.9	16.7	-5.6	0.0	0.0	22.2	-7.4		
1.250	3.8	1.3	0.9	16.6	-5.6	0.0	0.0	22.1	-7.4		
1.300	1.9	0.6	0.5	14.6	-5.6	0.0	0.0	19.4	-7.4		
1.350	0.1	0.0	0.2	12.7	-6.0	0.0	0.0	16.9	-7.9		
1.352	0.0	-0.1	0.2	12.3	-6.0	0.0	0.0	16.3	-8.0		
1.400	-1.8	-0.7	-0.2	10.8	-7.1	0.0	0.0	14.4	-9.4		
1.407	-2.9	-0.9	-0.3	10.2	-8.7	0.0	0.0	13.6	-11.6		
1.450	-4.5	-1.5	-0.6	7.4	-10.0	0.0	0.0	9.8	-13.3		
1.500	-6.4	-2.2	-0.9	6.0	-11.4	0.0	0.0	8.0	-15.2		
1.550	-8.2	-2.9	-1.3	4.8	-12.8	0.0	0.0	6.4	-17.0		
1.585	-9.6	-3.4	-1.5	4.0	-13.8	0.0	0.0	5.3	-18.4		
1.600	-10.1	-3.6	-1.6	3.9	-14.7	0.0	0.0	5.1	-19.5		
1.650	-12.0	-4.3	-2.0	3.0	-16.9	0.0	0.0	3.9	-22.4		
1.686	-13.3	-4.8	-2.2	2.4	-18.3	0.0	0.0	3.2	-24.4		
1.700	-13.9	-5.0	-2.3	2.3	-19.1	0.0	0.0	3.1	-25.5		
1.750	-15.7	-5.6	-2.6	2.2	-21.3	0.0	0.0	2.9	-28.4		
1.764	-16.6	-5.8	-2.7	3.4	-25.0	0.0	0.0	4.5	-33.3		
1.800	-18.0	-6.3	-3.0	3.5	-26.8	0.0	0.0	4.6	-35.7		
1.850	-19.9	-7.0	-3.3	3.6	-29.2	0.0	0.0	4.8	-38.8		
1.882	-21.1	-7.5	-3.5	3.6	-30.4	0.0	0.0	4.8	-40.4		
1.893	-21.5	-7.6	-3.6	3.6	-30.7	0.0	0.0	4.8	-40.9		
1.900	-21.8	-7.7	-3.7	3.7	-31.2	0.0	0.0	4.9	-41.5		
1.950	-23.8	-8.4	-4.0	3.7	-33.0	0.0	0.0	5.0	-43.8		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD		DW	TRUCK		LANE		COMBINED		FATIGUE	
	FRAC	A-DC SHEAR (kips)		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
		B-DC SHEAR (kips)	SHEAR (kips)	(kips)	(kips)	(kips)	(kips)	TRUCK+LANE (kips)	(kips)	TRUCK (kips)	(kips)
2.000		-25.7	-9.1	-4.4	3.7	-34.3	0.0	5.0	-45.6		
2.000	26.4	9.3	4.5	29.4	-5.8	0.0	0.0	39.1	-7.8		
2.042	24.0	8.4	4.1	29.4	-5.9	0.0	0.0	39.1	-7.8		
2.050	23.5	8.3	4.0	29.4	-5.9	0.0	0.0	39.1	-7.8		
2.075	22.1	7.8	3.8	28.7	-5.7	0.0	0.0	38.2	-7.6		
2.085	22.4	7.9	3.9	30.8	-5.7	0.0	0.0	40.9	-7.5		
2.100	21.6	7.6	3.7	30.4	-4.9	0.0	0.0	40.4	-6.6		
2.150	18.9	6.6	3.2	28.8	-5.0	0.0	0.0	38.3	-6.6		
2.200	16.2	5.7	2.8	26.9	-5.0	0.0	0.0	35.7	-6.6		
2.202	16.1	5.6	2.7	26.4	-5.0	0.0	0.0	35.1	-6.6		
2.210	15.7	5.5	2.7	26.1	-5.0	0.0	0.0	34.8	-6.6		
2.250	13.5	4.7	2.3	24.7	-5.0	0.0	0.0	32.9	-6.6		
2.300	10.8	3.7	1.8	22.5	-5.0	0.0	0.0	29.9	-6.6		
2.335	9.0	3.0	1.5	20.6	-5.6	0.0	0.0	27.4	-7.5		
2.350	7.2	2.7	1.3	18.7	-5.7	0.0	0.0	24.9	-7.6		
2.400	4.6	1.7	0.8	16.4	-6.6	0.0	0.0	21.9	-8.8		
2.450	1.9	0.7	0.3	14.1	-8.3	0.0	0.0	18.8	-11.0		
2.460	1.4	0.5	0.2	13.1	-8.5	0.0	0.0	17.5	-11.4		
2.485	0.0	0.0	0.0	12.3	-9.3	0.0	0.0	16.3	-12.4		
2.500	-0.8	-0.3	-0.2	11.8	-10.2	0.0	0.0	15.7	-13.5		
2.550	-3.5	-1.3	-0.6	9.7	-12.1	0.0	0.0	12.9	-16.1		
2.585	-6.2	-2.0	-1.0	8.0	-15.5	0.0	0.0	10.7	-20.6		
2.600	-7.1	-2.3	-1.2	5.6	-16.5	0.0	0.0	7.4	-22.0		
2.650	-9.7	-3.3	-1.6	4.0	-19.2	0.0	0.0	5.3	-25.5		
2.700	-12.4	-4.3	-2.1	3.5	-21.8	0.0	0.0	4.7	-29.0		
2.710	-12.9	-4.5	-2.2	3.5	-22.2	0.0	0.0	4.7	-29.6		
2.750	-15.1	-5.3	-2.6	3.8	-24.4	0.0	0.0	5.0	-32.5		
2.766	-15.9	-5.6	-2.8	3.8	-25.1	0.0	0.0	5.0	-33.4		
2.800	-17.8	-6.3	-3.1	4.0	-27.0	0.0	0.0	5.4	-35.9		
2.835	-20.0	-7.0	-3.4	6.4	-32.2	0.0	0.0	8.5	-42.8		
2.850	-20.8	-7.3	-3.6	6.7	-33.3	0.0	0.0	9.0	-44.3		
2.888	-22.8	-8.0	-3.9	6.8	-34.7	0.0	0.0	9.0	-46.2		
2.900	-23.6	-8.3	-4.1	6.8	-35.5	0.0	0.0	9.1	-47.2		
2.917	-24.6	-8.6	-4.2	6.8	-36.0	0.0	0.0	9.1	-47.9		
2.950	-26.5	-9.3	-4.6	7.1	-37.3	0.0	0.0	9.4	-49.6		
3.000	-29.5	-10.3	-5.1	7.0	-38.3	0.0	0.0	9.3	-50.9		
3.000	27.7	9.6	4.7	28.8	-6.6	0.0	0.0	38.3	-8.8		
3.042	25.2	8.8	4.3	28.8	-6.6	0.0	0.0	38.3	-8.8		
3.050	24.8	8.7	4.3	28.8	-6.6	0.0	0.0	38.3	-8.8		
3.085	23.7	8.3	4.1	30.4	-6.3	0.0	0.0	40.4	-8.4		
3.100	22.8	8.1	4.0	30.0	-4.9	0.0	0.0	39.9	-6.5		
3.113	22.1	7.8	3.8	29.7	-4.9	0.0	0.0	39.5	-6.5		
3.150	20.1	7.1	3.5	28.5	-4.9	0.0	0.0	37.9	-6.5		
3.200	17.4	6.1	3.0	26.6	-4.9	0.0	0.0	35.4	-6.6		
3.210	16.9	5.9	2.9	25.9	-4.9	0.0	0.0	34.5	-6.6		
3.249	14.8	5.1	2.5	24.6	-4.9	0.0	0.0	32.7	-6.6		
3.250	14.7	5.1	2.5	24.5	-4.9	0.0	0.0	32.6	-6.6		
3.300	12.0	4.1	2.0	22.3	-4.9	0.0	0.0	29.6	-6.6		
3.335	10.2	3.4	1.7	20.5	-5.6	0.0	0.0	27.2	-7.5		
3.350	8.6	3.1	1.5	18.6	-5.8	0.0	0.0	24.8	-7.7		
3.400	5.9	2.1	1.0	16.3	-6.7	0.0	0.0	21.7	-8.9		
3.450	3.2	1.1	0.6	14.0	-8.4	0.0	0.0	18.7	-11.1		
3.460	2.7	1.0	0.5	13.1	-8.7	0.0	0.0	17.4	-11.5		
3.500	0.5	0.2	0.1	11.7	-10.3	0.0	0.0	15.6	-13.6		
3.510	0.0	0.0	0.0	10.8	-10.6	0.0	0.0	14.4	-14.1		
3.550	-2.1	-0.8	-0.4	9.7	-12.2	0.0	0.0	12.8	-16.3		
3.585	-4.9	-1.6	-0.8	8.0	-15.6	0.0	0.0	10.6	-20.7		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
3.600	-5.7	-1.9	-0.9	5.6	-16.7	0.0	0.0	7.4	-22.1		
3.650	-8.4	-2.9	-1.4	5.2	-19.3	0.0	0.0	7.0	-25.6		
3.700	-11.0	-3.9	-1.9	5.3	-21.9	0.0	0.0	7.0	-29.1		
3.710	-11.6	-4.1	-2.0	5.3	-22.3	0.0	0.0	7.0	-29.7		
3.750	-13.7	-4.9	-2.4	5.4	-24.5	0.0	0.0	7.1	-32.6		
3.765	-14.5	-5.1	-2.5	5.4	-25.1	0.0	0.0	7.1	-33.4		
3.800	-16.4	-5.8	-2.9	5.7	-27.0	0.0	0.0	7.5	-36.0		
3.835	-18.6	-6.5	-3.2	8.2	-32.2	0.0	0.0	10.9	-42.8		
3.850	-19.5	-6.8	-3.3	8.6	-33.4	0.0	0.0	11.4	-44.4		
3.887	-21.5	-7.5	-3.7	8.6	-34.8	0.0	0.0	11.4	-46.2		
3.900	-22.2	-7.8	-3.8	8.6	-35.5	0.0	0.0	11.5	-47.2		
3.917	-23.2	-8.2	-4.0	8.6	-36.0	0.0	0.0	11.5	-47.9		
3.950	-25.1	-8.8	-4.3	8.9	-37.3	0.0	0.0	11.8	-49.6		
4.000	-28.1	-9.8	-4.8	8.9	-38.3	0.0	0.0	11.8	-50.9		
4.000	27.4	9.5	4.7	28.8	-6.6	0.0	0.0	38.3	-8.7		
4.042	24.9	8.7	4.3	28.8	-6.6	0.0	0.0	38.3	-8.7		
4.050	24.4	8.6	4.2	28.8	-6.6	0.0	0.0	38.3	-8.7		
4.085	23.3	8.2	4.0	30.4	-6.3	0.0	0.0	40.4	-8.4		
4.100	22.4	7.9	3.9	30.0	-4.9	0.0	0.0	39.9	-6.5		
4.112	21.7	7.7	3.8	29.7	-4.9	0.0	0.0	39.5	-6.5		
4.150	19.7	6.9	3.4	28.5	-4.9	0.0	0.0	37.9	-6.5		
4.200	17.0	6.0	2.9	26.6	-4.9	0.0	0.0	35.4	-6.6		
4.210	16.5	5.8	2.8	25.9	-4.9	0.0	0.0	34.5	-6.6		
4.234	15.2	5.3	2.6	25.1	-4.9	0.0	0.0	33.4	-6.6		
4.250	14.3	5.0	2.4	24.5	-4.9	0.0	0.0	32.6	-6.6		
4.300	11.7	4.0	2.0	22.3	-4.9	0.0	0.0	29.6	-6.6		
4.335	9.8	3.3	1.6	20.5	-5.6	0.0	0.0	27.2	-7.5		
4.350	8.2	3.0	1.5	18.6	-5.8	0.0	0.0	24.8	-7.7		
4.400	5.5	2.0	1.0	16.3	-6.7	0.0	0.0	21.7	-9.0		
4.450	2.8	1.0	0.5	14.0	-8.4	0.0	0.0	18.7	-11.1		
4.460	2.3	0.8	0.4	13.1	-8.7	0.0	0.0	17.4	-11.5		
4.500	0.1	0.0	0.0	11.7	-10.3	0.0	0.0	15.6	-13.7		
4.503	0.0	0.0	0.0	11.0	-10.3	0.0	0.0	14.7	-13.8		
4.550	-2.5	-1.0	-0.5	9.6	-12.2	0.0	0.0	12.8	-16.3		
4.585	-5.3	-1.7	-0.8	8.0	-15.6	0.0	0.0	10.6	-20.7		
4.600	-6.1	-2.0	-1.0	5.6	-16.7	0.0	0.0	7.4	-22.1		
4.650	-8.8	-3.0	-1.5	5.3	-19.3	0.0	0.0	7.0	-25.6		
4.700	-11.5	-4.0	-2.0	5.3	-21.9	0.0	0.0	7.0	-29.1		
4.710	-12.0	-4.2	-2.1	5.3	-22.3	0.0	0.0	7.0	-29.7		
4.750	-14.1	-5.0	-2.4	5.4	-24.5	0.0	0.0	7.1	-32.6		
4.765	-14.9	-5.3	-2.6	5.4	-25.1	0.0	0.0	7.1	-33.4		
4.800	-16.8	-6.0	-2.9	5.7	-27.0	0.0	0.0	7.5	-36.0		
4.835	-19.0	-6.7	-3.3	8.2	-32.2	0.0	0.0	10.9	-42.8		
4.850	-19.9	-6.9	-3.4	8.6	-33.4	0.0	0.0	11.4	-44.4		
4.887	-21.9	-7.7	-3.8	8.6	-34.8	0.0	0.0	11.4	-46.2		
4.900	-22.6	-8.0	-3.9	8.6	-35.5	0.0	0.0	11.5	-47.2		
4.917	-23.6	-8.3	-4.1	8.7	-36.0	0.0	0.0	11.5	-47.9		
4.950	-25.6	-9.0	-4.4	8.9	-37.3	0.0	0.0	11.8	-49.6		
5.000	-28.5	-9.9	-4.9	8.9	-38.3	0.0	0.0	11.8	-50.9		
5.000	27.5	9.6	4.7	28.8	-6.6	0.0	0.0	38.3	-8.7		
5.042	25.0	8.7	4.3	28.8	-6.6	0.0	0.0	38.3	-8.7		
5.050	24.5	8.6	4.2	28.8	-6.6	0.0	0.0	38.3	-8.7		
5.085	23.4	8.2	4.0	30.4	-6.3	0.0	0.0	40.4	-8.4		
5.100	22.5	8.0	3.9	30.0	-4.9	0.0	0.0	39.9	-6.5		
5.112	21.8	7.7	3.8	29.7	-4.9	0.0	0.0	39.4	-6.5		
5.150	19.8	7.0	3.4	28.5	-4.9	0.0	0.0	37.9	-6.5		
5.200	17.1	6.0	2.9	26.6	-4.9	0.0	0.0	35.4	-6.5		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
5.210	16.6	5.8	2.9	25.9	-4.9	0.0	0.0	34.5	-6.5		
5.239	15.0	5.2	2.6	24.9	-4.9	0.0	0.0	33.1	-6.5		
5.250	14.4	5.0	2.5	24.5	-4.9	0.0	0.0	32.6	-6.5		
5.300	11.7	4.0	2.0	22.3	-4.9	0.0	0.0	29.6	-6.5		
5.335	9.9	3.4	1.6	20.5	-5.6	0.0	0.0	27.2	-7.5		
5.350	8.3	3.0	1.5	18.6	-5.8	0.0	0.0	24.8	-7.7		
5.400	5.6	2.0	1.0	16.3	-6.7	0.0	0.0	21.7	-9.0		
5.450	2.9	1.0	0.5	14.0	-8.4	0.0	0.0	18.7	-11.1		
5.460	2.4	0.9	0.4	13.1	-8.7	0.0	0.0	17.4	-11.5		
5.500	0.2	0.1	0.0	11.7	-10.3	0.0	0.0	15.6	-13.7		
5.504	0.0	0.0	0.0	11.0	-10.4	0.0	0.0	14.6	-13.8		
5.550	-2.4	-0.9	-0.5	9.6	-12.2	0.0	0.0	12.8	-16.3		
5.585	-5.2	-1.7	-0.8	8.0	-15.6	0.0	0.0	10.6	-20.7		
5.600	-6.0	-2.0	-1.0	5.6	-16.7	0.0	0.0	7.5	-22.1		
5.650	-8.7	-3.0	-1.5	5.3	-19.3	0.0	0.0	7.0	-25.6		
5.700	-11.4	-4.0	-1.9	5.3	-21.9	0.0	0.0	7.0	-29.1		
5.710	-11.9	-4.2	-2.0	5.3	-22.3	0.0	0.0	7.0	-29.7		
5.750	-14.0	-5.0	-2.4	5.4	-24.5	0.0	0.0	7.1	-32.6		
5.764	-14.8	-5.2	-2.6	5.4	-25.1	0.0	0.0	7.1	-33.4		
5.800	-16.7	-5.9	-2.9	5.7	-27.1	0.0	0.0	7.5	-36.0		
5.835	-18.9	-6.6	-3.2	8.2	-32.2	0.0	0.0	10.9	-42.8		
5.850	-19.8	-6.9	-3.4	8.6	-33.4	0.0	0.0	11.4	-44.4		
5.888	-21.8	-7.6	-3.8	8.6	-34.8	0.0	0.0	11.4	-46.2		
5.900	-22.5	-7.9	-3.9	8.6	-35.5	0.0	0.0	11.5	-47.2		
5.917	-23.5	-8.3	-4.1	8.7	-36.0	0.0	0.0	11.5	-47.9		
5.950	-25.5	-8.9	-4.4	8.9	-37.3	0.0	0.0	11.8	-49.6		
6.000	-28.4	-9.9	-4.9	8.9	-38.3	0.0	0.0	11.8	-50.9		
6.000	27.5	9.6	4.7	28.8	-6.0	0.0	0.0	38.3	-8.0		
6.042	25.1	8.7	4.3	28.8	-6.0	0.0	0.0	38.3	-8.0		
6.050	24.6	8.6	4.2	28.8	-6.0	0.0	0.0	38.3	-8.0		
6.085	23.5	8.3	4.1	30.4	-5.8	0.0	0.0	40.4	-7.7		
6.100	22.6	8.0	3.9	30.0	-4.2	0.0	0.0	39.9	-5.5		
6.112	21.9	7.7	3.8	29.7	-4.1	0.0	0.0	39.4	-5.5		
6.150	19.9	7.0	3.4	28.5	-4.2	0.0	0.0	37.9	-5.6		
6.200	17.2	6.0	2.9	26.6	-4.2	0.0	0.0	35.4	-5.6		
6.210	16.7	5.8	2.9	25.9	-4.2	0.0	0.0	34.5	-5.6		
6.237	15.2	5.3	2.6	25.0	-4.2	0.0	0.0	33.2	-5.6		
6.250	14.5	5.0	2.5	24.5	-4.2	0.0	0.0	32.6	-5.6		
6.300	11.8	4.1	2.0	22.3	-4.1	0.0	0.0	29.6	-5.5		
6.335	10.0	3.4	1.6	20.4	-5.5	0.0	0.0	27.2	-7.3		
6.350	8.3	3.0	1.5	18.6	-5.9	0.0	0.0	24.7	-7.8		
6.400	5.7	2.0	1.0	16.3	-6.8	0.0	0.0	21.7	-9.0		
6.450	3.0	1.1	0.5	14.0	-8.4	0.0	0.0	18.6	-11.1		
6.460	2.5	0.9	0.4	13.0	-8.7	0.0	0.0	17.3	-11.5		
6.500	0.3	0.1	0.0	11.7	-10.3	0.0	0.0	15.6	-13.6		
6.506	0.0	0.0	0.0	10.9	-10.4	0.0	0.0	14.5	-13.9		
6.550	-2.4	-0.9	-0.5	9.6	-12.2	0.0	0.0	12.8	-16.3		
6.585	-5.1	-1.7	-0.8	8.0	-15.6	0.0	0.0	10.6	-20.7		
6.600	-5.9	-2.0	-1.0	5.6	-16.6	0.0	0.0	7.4	-22.1		
6.650	-8.6	-3.0	-1.4	5.3	-19.3	0.0	0.0	7.0	-25.6		
6.700	-11.3	-3.9	-1.9	5.3	-21.9	0.0	0.0	7.1	-29.1		
6.710	-11.8	-4.1	-2.0	5.3	-22.3	0.0	0.0	7.1	-29.7		
6.750	-13.9	-4.9	-2.4	5.3	-24.5	0.0	0.0	7.1	-32.6		
6.769	-14.9	-5.3	-2.6	5.3	-25.3	0.0	0.0	7.1	-33.6		
6.800	-16.6	-5.9	-2.9	5.6	-27.0	0.0	0.0	7.4	-36.0		
6.835	-18.9	-6.6	-3.2	8.1	-32.2	0.0	0.0	10.8	-42.8		
6.850	-19.7	-6.9	-3.4	8.5	-33.4	0.0	0.0	11.3	-44.4		
6.900	-22.4	-7.9	-3.9	8.6	-35.6	0.0	0.0	11.5	-47.3		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.917	-23.4	-8.2	-4.0	8.6	-36.1	0.0	0.0	11.5	-48.0		
6.950	-25.3	-8.9	-4.4	8.9	-37.4	0.0	0.0	11.8	-49.7		
7.000	-28.2	-9.9	-4.8	8.8	-38.4	0.0	0.0	11.7	-51.0		
7.000	27.9	9.8	4.8	28.7	-5.6	0.0	0.0	38.2	-7.5		
7.050	25.6	9.0	4.4	29.0	-5.6	0.0	0.0	38.6	-7.5		
7.053	25.5	9.0	4.4	29.0	-5.2	0.0	0.0	38.6	-6.9		
7.100	23.3	8.2	4.0	27.9	-5.0	0.0	0.0	37.2	-6.7		
7.106	23.9	8.5	4.2	30.0	-4.6	0.0	0.0	39.8	-6.2		
7.125	23.0	8.2	4.0	29.4	-2.5	0.0	0.0	39.2	-3.3		
7.150	21.9	7.8	3.8	28.8	-2.5	0.0	0.0	38.2	-3.4		
7.200	19.8	7.0	3.4	27.1	-2.5	0.0	0.0	36.1	-3.4		
7.250	17.6	6.2	3.1	25.3	-2.6	0.0	0.0	33.6	-3.5		
7.262	17.1	6.0	3.0	24.5	-2.7	0.0	0.0	32.7	-3.6		
7.281	16.3	5.7	2.8	23.9	-2.8	0.0	0.0	31.8	-3.7		
7.300	15.5	5.4	2.7	23.2	-3.0	0.0	0.0	30.9	-4.0		
7.350	13.4	4.6	2.3	21.0	-3.4	0.0	0.0	27.9	-4.5		
7.400	11.2	3.9	1.9	18.7	-3.8	0.0	0.0	24.9	-5.0		
7.418	10.4	3.6	1.8	17.6	-5.4	0.0	0.0	23.4	-7.2		
7.450	8.2	3.0	1.5	14.6	-5.8	0.0	0.0	19.4	-7.8		
7.500	6.1	2.2	1.1	12.3	-7.0	0.0	0.0	16.3	-9.3		
7.550	4.0	1.4	0.7	10.3	-8.4	0.0	0.0	13.6	-11.1		
7.575	2.9	1.1	0.5	9.2	-9.0	0.0	0.0	12.2	-12.0		
7.600	1.8	0.7	0.3	8.7	-10.0	0.0	0.0	11.6	-13.3		
7.643	0.0	0.0	0.0	7.5	-11.2	0.0	0.0	10.0	-14.9		
7.650	-0.3	-0.1	-0.1	7.4	-11.8	0.0	0.0	9.8	-15.7		
7.700	-2.5	-0.9	-0.4	6.0	-13.7	0.0	0.0	8.0	-18.2		
7.731	-4.4	-1.5	-0.7	5.4	-17.5	0.0	0.0	7.1	-23.3		
7.750	-5.3	-1.8	-0.9	5.7	-18.7	0.0	0.0	7.5	-24.9		
7.800	-7.4	-2.6	-1.3	5.9	-21.4	0.0	0.0	7.8	-28.4		
7.850	-9.6	-3.3	-1.7	6.2	-24.0	0.0	0.0	8.2	-32.0		
7.865	-10.2	-3.6	-1.8	6.2	-24.7	0.0	0.0	8.3	-32.9		
7.900	-11.7	-4.1	-2.0	6.5	-26.7	0.0	0.0	8.7	-35.5		
7.950	-13.8	-4.9	-2.4	6.8	-29.2	0.0	0.0	9.1	-38.8		
7.994	-15.7	-5.6	-2.8	6.8	-30.9	0.0	0.0	9.1	-41.1		
8.000	-16.0	-5.7	-2.8	6.8	-31.1	0.0	0.0	9.1	-41.3		
8.000	0.2	0.2	0.1	2.2	0.0	0.0	0.0	3.0	0.0		
8.375	0.1	0.1	0.1	2.2	0.0	0.0	0.0	3.0	0.0		
9.000	0.0	0.0	0.0	2.2	0.0	0.0	0.0	3.0	0.0		

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD		DW SHEAR (kips)	TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)		MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
0.625	-0.2	-0.1	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	-0.3	-0.2	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	13.3	4.8	1.4	22.5	-5.4	0.0	0.0	30.0	-7.2		
1.000	13.3	4.8	1.4	22.5	-5.4	0.0	0.0	30.0	-7.2		
1.049	11.4	4.1	1.3	22.5	-5.4	0.0	0.0	30.0	-7.2		
1.050	11.3	4.1	1.3	22.5	-5.4	0.0	0.0	29.9	-7.2		
1.100	9.4	3.4	1.2	21.3	-5.4	0.0	0.0	28.3	-7.2		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
1.109	9.1	3.3	1.1	20.9	-5.4	0.0	0.0	27.9	-7.2		
1.150	7.6	2.7	1.1	19.9	-5.4	0.0	0.0	26.5	-7.2		
1.169	6.8	2.4	1.1	19.1	-5.4	0.0	0.0	25.4	-7.2		
1.200	5.7	2.0	1.1	18.3	-5.4	0.0	0.0	24.3	-7.2		
1.203	5.6	2.0	1.0	17.9	-5.4	0.0	0.0	23.8	-7.2		
1.230	4.6	1.6	1.0	17.2	-5.4	0.0	0.0	22.8	-7.2		
1.248	3.9	1.4	0.9	16.7	-5.4	0.0	0.0	22.1	-7.2		
1.250	3.8	1.3	0.9	16.6	-5.4	0.0	0.0	22.1	-7.2		
1.300	1.9	0.6	0.5	14.8	-5.4	0.0	0.0	19.7	-7.2		
1.350	0.1	0.0	0.2	13.0	-6.2	0.0	0.0	17.3	-8.2		
1.352	0.0	-0.1	0.2	12.6	-6.2	0.0	0.0	16.7	-8.3		
1.400	-1.8	-0.7	-0.2	11.5	-7.7	0.0	0.0	15.2	-10.3		
1.407	-2.9	-0.9	-0.3	10.8	-9.4	0.0	0.0	14.4	-12.5		
1.450	-4.5	-1.5	-0.6	8.2	-11.0	0.0	0.0	10.9	-14.7		
1.500	-6.4	-2.2	-0.9	6.8	-12.9	0.0	0.0	9.0	-17.1		
1.550	-8.2	-2.9	-1.3	5.5	-14.6	0.0	0.0	7.3	-19.4		
1.585	-9.6	-3.4	-1.5	4.5	-15.6	0.0	0.0	5.9	-20.7		
1.600	-10.1	-3.6	-1.6	4.3	-16.3	0.0	0.0	5.7	-21.7		
1.650	-12.0	-4.3	-2.0	3.1	-17.9	0.0	0.0	4.1	-23.8		
1.686	-13.3	-4.8	-2.2	2.5	-18.7	0.0	0.0	3.3	-24.9		
1.700	-13.9	-5.0	-2.3	2.4	-19.5	0.0	0.0	3.2	-25.9		
1.750	-15.7	-5.6	-2.6	2.2	-21.4	0.0	0.0	2.9	-28.5		
1.764	-16.6	-5.8	-2.7	3.5	-25.0	0.0	0.0	4.7	-33.2		
1.800	-18.0	-6.3	-3.0	3.7	-26.5	0.0	0.0	4.9	-35.2		
1.850	-19.9	-7.0	-3.3	3.8	-28.1	0.0	0.0	5.0	-37.4		
1.882	-21.1	-7.5	-3.5	3.8	-28.9	0.0	0.0	5.0	-38.4		
1.893	-21.5	-7.6	-3.6	3.8	-29.2	0.0	0.0	5.0	-38.8		
1.900	-21.8	-7.7	-3.7	3.9	-29.5	0.0	0.0	5.1	-39.3		
1.950	-23.8	-8.4	-4.0	3.9	-30.6	0.0	0.0	5.3	-40.7		
2.000	-25.7	-9.1	-4.4	3.9	-31.5	0.0	0.0	5.3	-42.0		
2.000	26.4	9.3	4.5	27.0	-6.0	0.0	0.0	35.9	-7.9		
2.042	24.0	8.4	4.1	27.0	-6.0	0.0	0.0	35.9	-7.9		
2.050	23.5	8.3	4.0	27.0	-6.0	0.0	0.0	35.9	-7.9		
2.075	22.1	7.8	3.8	26.3	-5.8	0.0	0.0	35.0	-7.7		
2.085	22.4	7.9	3.9	28.4	-5.8	0.0	0.0	37.7	-7.7		
2.100	21.6	7.6	3.7	27.9	-4.8	0.0	0.0	37.2	-6.4		
2.150	18.9	6.6	3.2	26.4	-4.8	0.0	0.0	35.1	-6.4		
2.200	16.2	5.7	2.8	24.6	-4.9	0.0	0.0	32.7	-6.5		
2.202	16.1	5.6	2.7	24.1	-4.9	0.0	0.0	32.1	-6.5		
2.210	15.7	5.5	2.7	23.9	-4.9	0.0	0.0	31.8	-6.5		
2.250	13.5	4.7	2.3	23.0	-4.9	0.0	0.0	30.6	-6.5		
2.300	10.8	3.7	1.8	21.2	-4.9	0.0	0.0	28.1	-6.5		
2.335	9.0	3.0	1.5	19.6	-5.9	0.0	0.0	26.1	-7.8		
2.350	7.2	2.7	1.3	17.6	-6.3	0.0	0.0	23.5	-8.4		
2.400	4.6	1.7	0.8	15.8	-7.5	0.0	0.0	21.0	-9.9		
2.450	1.9	0.7	0.3	13.9	-9.0	0.0	0.0	18.4	-11.9		
2.460	1.4	0.5	0.2	12.9	-9.2	0.0	0.0	17.2	-12.2		
2.485	0.0	0.0	0.0	12.3	-9.7	0.0	0.0	16.3	-12.9		
2.500	-0.8	-0.3	-0.2	11.9	-10.5	0.0	0.0	15.8	-14.0		
2.550	-3.5	-1.3	-0.6	9.9	-12.3	0.0	0.0	13.2	-16.3		
2.585	-6.2	-2.0	-1.0	8.5	-15.5	0.0	0.0	11.3	-20.6		
2.600	-7.1	-2.3	-1.2	6.1	-16.5	0.0	0.0	8.1	-21.9		
2.650	-9.7	-3.3	-1.6	4.6	-18.7	0.0	0.0	6.2	-24.9		
2.700	-12.4	-4.3	-2.1	3.6	-20.9	0.0	0.0	4.8	-27.8		
2.710	-12.9	-4.5	-2.2	3.6	-21.2	0.0	0.0	4.8	-28.3		
2.750	-15.1	-5.3	-2.6	3.8	-23.1	0.0	0.0	5.1	-30.7		
2.766	-15.9	-5.6	-2.8	3.8	-23.5	0.0	0.0	5.1	-31.3		
2.800	-17.8	-6.3	-3.1	4.1	-25.1	0.0	0.0	5.4	-33.3		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.835	-20.0	-7.0	-3.4	6.4	-29.9	0.0	0.0	8.5	-39.8		
2.850	-20.8	-7.3	-3.6	6.7	-30.9	0.0	0.0	8.9	-41.1		
2.888	-22.8	-8.0	-3.9	6.7	-31.8	0.0	0.0	8.9	-42.2		
2.900	-23.6	-8.3	-4.1	6.8	-32.5	0.0	0.0	9.0	-43.2		
2.917	-24.6	-8.6	-4.2	6.8	-33.2	0.0	0.0	9.0	-44.1		
2.950	-26.5	-9.3	-4.6	7.0	-34.6	0.0	0.0	9.4	-46.1		
3.000	-29.5	-10.3	-5.1	7.0	-36.0	0.0	0.0	9.4	-47.8		
3.000	27.7	9.6	4.7	26.4	-6.6	0.0	0.0	35.1	-8.7		
3.042	25.2	8.8	4.3	26.4	-6.6	0.0	0.0	35.1	-8.7		
3.050	24.8	8.7	4.3	26.4	-6.6	0.0	0.0	35.1	-8.7		
3.085	23.7	8.3	4.1	27.9	-6.3	0.0	0.0	37.1	-8.4		
3.100	22.8	8.1	4.0	27.6	-4.8	0.0	0.0	36.7	-6.4		
3.113	22.1	7.8	3.8	27.2	-4.8	0.0	0.0	36.2	-6.4		
3.150	20.1	7.1	3.5	26.1	-4.8	0.0	0.0	34.7	-6.4		
3.200	17.4	6.1	3.0	24.4	-4.8	0.0	0.0	32.4	-6.4		
3.210	16.9	5.9	2.9	23.7	-4.8	0.0	0.0	31.6	-6.4		
3.249	14.8	5.1	2.5	22.8	-4.8	0.0	0.0	30.3	-6.4		
3.250	14.7	5.1	2.5	22.8	-4.8	0.0	0.0	30.3	-6.4		
3.300	12.0	4.1	2.0	21.0	-4.8	0.0	0.0	27.9	-6.4		
3.335	10.2	3.4	1.7	19.5	-6.0	0.0	0.0	25.9	-7.9		
3.350	8.6	3.1	1.5	17.5	-6.4	0.0	0.0	23.3	-8.5		
3.400	5.9	2.1	1.0	15.7	-7.5	0.0	0.0	20.9	-10.0		
3.450	3.2	1.1	0.6	13.8	-9.0	0.0	0.0	18.4	-12.0		
3.460	2.7	1.0	0.5	12.9	-9.3	0.0	0.0	17.1	-12.3		
3.500	0.5	0.2	0.1	11.8	-10.6	0.0	0.0	15.8	-14.0		
3.510	0.0	0.0	0.0	10.9	-10.8	0.0	0.0	14.5	-14.4		
3.550	-2.1	-0.8	-0.4	9.9	-12.4	0.0	0.0	13.2	-16.4		
3.585	-4.9	-1.6	-0.8	8.5	-15.6	0.0	0.0	11.3	-20.7		
3.600	-5.7	-1.9	-0.9	6.1	-16.6	0.0	0.0	8.1	-22.0		
3.650	-8.4	-2.9	-1.4	5.1	-18.8	0.0	0.0	6.8	-25.0		
3.700	-11.0	-3.9	-1.9	5.1	-21.0	0.0	0.0	6.8	-27.9		
3.710	-11.6	-4.1	-2.0	5.1	-21.3	0.0	0.0	6.8	-28.3		
3.750	-13.7	-4.9	-2.4	5.3	-23.1	0.0	0.0	7.1	-30.7		
3.765	-14.5	-5.1	-2.5	5.3	-23.5	0.0	0.0	7.1	-31.3		
3.800	-16.4	-5.8	-2.9	5.6	-25.1	0.0	0.0	7.4	-33.4		
3.835	-18.6	-6.5	-3.2	8.1	-30.0	0.0	0.0	10.7	-39.9		
3.850	-19.5	-6.8	-3.3	8.4	-31.0	0.0	0.0	11.2	-41.2		
3.887	-21.5	-7.5	-3.7	8.4	-31.8	0.0	0.0	11.2	-42.3		
3.900	-22.2	-7.8	-3.8	8.5	-32.5	0.0	0.0	11.3	-43.3		
3.917	-23.2	-8.2	-4.0	8.5	-33.2	0.0	0.0	11.3	-44.2		
3.950	-25.1	-8.8	-4.3	8.8	-34.7	0.0	0.0	11.6	-46.1		
4.000	-28.1	-9.8	-4.8	8.8	-36.0	0.0	0.0	11.6	-47.9		
4.000	27.4	9.5	4.7	26.4	-6.6	0.0	0.0	35.1	-8.7		
4.042	24.9	8.7	4.3	26.4	-6.6	0.0	0.0	35.1	-8.7		
4.050	24.4	8.6	4.2	26.4	-6.6	0.0	0.0	35.1	-8.7		
4.085	23.3	8.2	4.0	27.9	-6.3	0.0	0.0	37.1	-8.4		
4.100	22.4	7.9	3.9	27.6	-4.8	0.0	0.0	36.7	-6.4		
4.112	21.7	7.7	3.8	27.2	-4.8	0.0	0.0	36.2	-6.4		
4.150	19.7	6.9	3.4	26.1	-4.8	0.0	0.0	34.7	-6.4		
4.200	17.0	6.0	2.9	24.4	-4.8	0.0	0.0	32.4	-6.4		
4.210	16.5	5.8	2.8	23.7	-4.8	0.0	0.0	31.6	-6.4		
4.234	15.2	5.3	2.6	23.2	-4.8	0.0	0.0	30.8	-6.4		
4.250	14.3	5.0	2.4	22.8	-4.8	0.0	0.0	30.3	-6.4		
4.300	11.7	4.0	2.0	21.0	-4.8	0.0	0.0	27.9	-6.4		
4.335	9.8	3.3	1.6	19.5	-6.0	0.0	0.0	25.9	-8.0		
4.350	8.2	3.0	1.5	17.5	-6.4	0.0	0.0	23.3	-8.5		
4.400	5.5	2.0	1.0	15.7	-7.6	0.0	0.0	20.9	-10.0		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
4.450	2.8	1.0	0.5	13.8	-9.0	0.0	0.0	18.3	-12.0		
4.460	2.3	0.8	0.4	12.9	-9.3	0.0	0.0	17.1	-12.3		
4.500	0.1	0.0	0.0	11.8	-10.6	0.0	0.0	15.7	-14.1		
4.503	0.0	0.0	0.0	11.1	-10.6	0.0	0.0	14.8	-14.1		
4.550	-2.5	-1.0	-0.5	9.9	-12.4	0.0	0.0	13.2	-16.5		
4.585	-5.3	-1.7	-0.8	8.5	-15.6	0.0	0.0	11.3	-20.7		
4.600	-6.1	-2.0	-1.0	6.1	-16.6	0.0	0.0	8.1	-22.0		
4.650	-8.8	-3.0	-1.5	5.1	-18.8	0.0	0.0	6.8	-25.0		
4.700	-11.5	-4.0	-2.0	5.1	-21.0	0.0	0.0	6.8	-27.9		
4.710	-12.0	-4.2	-2.1	5.1	-21.3	0.0	0.0	6.8	-28.3		
4.750	-14.1	-5.0	-2.4	5.3	-23.1	0.0	0.0	7.1	-30.7		
4.765	-14.9	-5.3	-2.6	5.3	-23.6	0.0	0.0	7.1	-31.3		
4.800	-16.8	-6.0	-2.9	5.6	-25.1	0.0	0.0	7.4	-33.4		
4.835	-19.0	-6.7	-3.3	8.1	-30.0	0.0	0.0	10.7	-39.9		
4.850	-19.9	-6.9	-3.4	8.4	-31.0	0.0	0.0	11.2	-41.2		
4.887	-21.9	-7.7	-3.8	8.4	-31.8	0.0	0.0	11.2	-42.3		
4.900	-22.6	-8.0	-3.9	8.5	-32.5	0.0	0.0	11.3	-43.3		
4.917	-23.6	-8.3	-4.1	8.5	-33.2	0.0	0.0	11.3	-44.2		
4.950	-25.6	-9.0	-4.4	8.8	-34.7	0.0	0.0	11.7	-46.1		
5.000	-28.5	-9.9	-4.9	8.8	-36.0	0.0	0.0	11.7	-47.9		
5.000	27.5	9.6	4.7	26.4	-6.6	0.0	0.0	35.1	-8.7		
5.042	25.0	8.7	4.3	26.4	-6.6	0.0	0.0	35.1	-8.7		
5.050	24.5	8.6	4.2	26.4	-6.6	0.0	0.0	35.1	-8.7		
5.085	23.4	8.2	4.0	27.9	-6.3	0.0	0.0	37.1	-8.4		
5.100	22.5	8.0	3.9	27.6	-4.8	0.0	0.0	36.7	-6.4		
5.112	21.8	7.7	3.8	27.2	-4.8	0.0	0.0	36.2	-6.4		
5.150	19.8	7.0	3.4	26.1	-4.8	0.0	0.0	34.7	-6.4		
5.200	17.1	6.0	2.9	24.4	-4.8	0.0	0.0	32.4	-6.4		
5.210	16.6	5.8	2.9	23.7	-4.8	0.0	0.0	31.6	-6.4		
5.239	15.0	5.2	2.6	23.1	-4.8	0.0	0.0	30.7	-6.4		
5.250	14.4	5.0	2.5	22.8	-4.8	0.0	0.0	30.3	-6.4		
5.300	11.7	4.0	2.0	21.0	-4.8	0.0	0.0	27.9	-6.4		
5.335	9.9	3.4	1.6	19.5	-6.0	0.0	0.0	25.9	-8.0		
5.350	8.3	3.0	1.5	17.5	-6.4	0.0	0.0	23.3	-8.5		
5.400	5.6	2.0	1.0	15.7	-7.6	0.0	0.0	20.9	-10.0		
5.450	2.9	1.0	0.5	13.8	-9.1	0.0	0.0	18.3	-12.0		
5.460	2.4	0.9	0.4	12.9	-9.3	0.0	0.0	17.1	-12.3		
5.500	0.2	0.1	0.0	11.8	-10.6	0.0	0.0	15.7	-14.1		
5.504	0.0	0.0	0.0	11.0	-10.7	0.0	0.0	14.7	-14.2		
5.550	-2.4	-0.9	-0.5	9.9	-12.4	0.0	0.0	13.2	-16.5		
5.585	-5.2	-1.7	-0.8	8.5	-15.6	0.0	0.0	11.3	-20.7		
5.600	-6.0	-2.0	-1.0	6.1	-16.6	0.0	0.0	8.1	-22.0		
5.650	-8.7	-3.0	-1.5	5.1	-18.8	0.0	0.0	6.8	-25.0		
5.700	-11.4	-4.0	-1.9	5.2	-21.0	0.0	0.0	6.9	-27.9		
5.710	-11.9	-4.2	-2.0	5.2	-21.3	0.0	0.0	6.9	-28.3		
5.750	-14.0	-5.0	-2.4	5.3	-23.1	0.0	0.0	7.1	-30.7		
5.764	-14.8	-5.2	-2.6	5.3	-23.5	0.0	0.0	7.1	-31.3		
5.800	-16.7	-5.9	-2.9	5.6	-25.1	0.0	0.0	7.4	-33.4		
5.835	-18.9	-6.6	-3.2	8.1	-30.0	0.0	0.0	10.7	-39.9		
5.850	-19.8	-6.9	-3.4	8.4	-31.0	0.0	0.0	11.2	-41.2		
5.888	-21.8	-7.6	-3.8	8.4	-31.8	0.0	0.0	11.2	-42.3		
5.900	-22.5	-7.9	-3.9	8.5	-32.5	0.0	0.0	11.3	-43.3		
5.917	-23.5	-8.3	-4.1	8.5	-33.2	0.0	0.0	11.3	-44.2		
5.950	-25.5	-8.9	-4.4	8.8	-34.7	0.0	0.0	11.7	-46.1		
6.000	-28.4	-9.9	-4.9	8.8	-36.0	0.0	0.0	11.7	-47.9		
6.000	27.5	9.6	4.7	26.4	-6.1	0.0	0.0	35.1	-8.1		
6.042	25.1	8.7	4.3	26.4	-6.1	0.0	0.0	35.1	-8.1		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.050		24.6	8.6	4.2	26.4	-6.1	0.0	0.0	35.1	-8.1		
6.085		23.5	8.3	4.1	27.9	-5.8	0.0	0.0	37.1	-7.7		
6.100		22.6	8.0	3.9	27.6	-4.2	0.0	0.0	36.7	-5.6		
6.112		21.9	7.7	3.8	27.2	-4.1	0.0	0.0	36.2	-5.4		
6.150		19.9	7.0	3.4	26.1	-4.2	0.0	0.0	34.7	-5.5		
6.200		17.2	6.0	2.9	24.4	-4.2	0.0	0.0	32.4	-5.5		
6.210		16.7	5.8	2.9	23.7	-4.2	0.0	0.0	31.6	-5.5		
6.237		15.2	5.3	2.6	23.1	-4.2	0.0	0.0	30.7	-5.5		
6.250		14.5	5.0	2.5	22.8	-4.2	0.0	0.0	30.3	-5.5		
6.300		11.8	4.1	2.0	21.0	-4.1	0.0	0.0	27.9	-5.4		
6.335		10.0	3.4	1.6	19.4	-6.0	0.0	0.0	25.9	-8.0		
6.350		8.3	3.0	1.5	17.5	-6.5	0.0	0.0	23.3	-8.6		
6.400		5.7	2.0	1.0	15.7	-7.5	0.0	0.0	20.9	-10.0		
6.450		3.0	1.1	0.5	13.8	-9.0	0.0	0.0	18.3	-12.0		
6.460		2.5	0.9	0.4	12.8	-9.3	0.0	0.0	17.1	-12.3		
6.500		0.3	0.1	0.0	11.8	-10.6	0.0	0.0	15.7	-14.1		
6.506		0.0	0.0	0.0	11.0	-10.7	0.0	0.0	14.6	-14.2		
6.550		-2.4	-0.9	-0.5	9.9	-12.4	0.0	0.0	13.1	-16.4		
6.585		-5.1	-1.7	-0.8	8.5	-15.6	0.0	0.0	11.3	-20.7		
6.600		-5.9	-2.0	-1.0	6.0	-16.6	0.0	0.0	8.0	-22.0		
6.650		-8.6	-3.0	-1.4	5.1	-18.8	0.0	0.0	6.8	-25.0		
6.700		-11.3	-3.9	-1.9	5.2	-21.0	0.0	0.0	6.9	-27.9		
6.710		-11.8	-4.1	-2.0	5.2	-21.3	0.0	0.0	6.9	-28.3		
6.750		-13.9	-4.9	-2.4	5.3	-23.1	0.0	0.0	7.0	-30.7		
6.769		-14.9	-5.3	-2.6	5.3	-23.7	0.0	0.0	7.0	-31.5		
6.800		-16.6	-5.9	-2.9	5.5	-25.1	0.0	0.0	7.3	-33.4		
6.835		-18.9	-6.6	-3.2	8.0	-30.0	0.0	0.0	10.6	-39.9		
6.850		-19.7	-6.9	-3.4	8.4	-31.0	0.0	0.0	11.2	-41.2		
6.900		-22.4	-7.9	-3.9	8.5	-32.6	0.0	0.0	11.3	-43.3		
6.917		-23.4	-8.2	-4.0	8.5	-33.3	0.0	0.0	11.3	-44.2		
6.950		-25.3	-8.9	-4.4	8.7	-34.7	0.0	0.0	11.6	-46.2		
7.000		-28.2	-9.9	-4.8	8.7	-36.0	0.0	0.0	11.6	-47.9		
7.000		27.9	9.8	4.8	26.2	-5.6	0.0	0.0	34.8	-7.5		
7.050		25.6	9.0	4.4	26.5	-5.6	0.0	0.0	35.2	-7.5		
7.053		25.5	9.0	4.4	26.5	-5.2	0.0	0.0	35.2	-6.9		
7.100		23.3	8.2	4.0	25.3	-5.0	0.0	0.0	33.7	-6.7		
7.106		23.9	8.5	4.2	27.3	-4.7	0.0	0.0	36.3	-6.2		
7.125		23.0	8.2	4.0	26.8	-2.5	0.0	0.0	35.6	-3.3		
7.150		21.9	7.8	3.8	26.1	-2.5	0.0	0.0	34.7	-3.3		
7.200		19.8	7.0	3.4	24.9	-2.5	0.0	0.0	33.1	-3.3		
7.250		17.6	6.2	3.1	23.6	-2.7	0.0	0.0	31.4	-3.5		
7.262		17.1	6.0	3.0	23.0	-2.7	0.0	0.0	30.6	-3.6		
7.281		16.3	5.7	2.8	22.6	-2.9	0.0	0.0	30.0	-3.8		
7.300		15.5	5.4	2.7	22.1	-3.1	0.0	0.0	29.4	-4.1		
7.350		13.4	4.6	2.3	20.4	-3.6	0.0	0.0	27.1	-4.8		
7.400		11.2	3.9	1.9	18.5	-4.1	0.0	0.0	24.6	-5.5		
7.418		10.4	3.6	1.8	17.5	-6.0	0.0	0.0	23.3	-8.0		
7.450		8.2	3.0	1.5	14.9	-6.6	0.0	0.0	19.8	-8.8		
7.500		6.1	2.2	1.1	13.4	-7.8	0.0	0.0	17.8	-10.4		
7.550		4.0	1.4	0.7	11.8	-9.1	0.0	0.0	15.7	-12.1		
7.575		2.9	1.1	0.5	10.7	-9.6	0.0	0.0	14.2	-12.8		
7.600		1.8	0.7	0.3	10.1	-10.5	0.0	0.0	13.4	-14.0		
7.643		0.0	0.0	0.0	8.4	-11.5	0.0	0.0	11.2	-15.3		
7.650		-0.3	-0.1	-0.1	8.2	-12.1	0.0	0.0	10.9	-16.1		
7.700		-2.5	-0.9	-0.4	6.2	-13.8	0.0	0.0	8.3	-18.4		
7.731		-4.4	-1.5	-0.7	5.2	-17.6	0.0	0.0	7.0	-23.4		
7.750		-5.3	-1.8	-0.9	5.5	-18.7	0.0	0.0	7.4	-24.9		
7.800		-7.4	-2.6	-1.3	5.8	-21.2	0.0	0.0	7.8	-28.2		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD				TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
	SHEAR	SHEAR	SHEAR									
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	
7.850	-9.6	-3.3	-1.7	6.2	-23.6	0.0	0.0	8.2	-31.4			
7.865	-10.2	-3.6	-1.8	6.2	-24.1	0.0	0.0	8.2	-32.1			
7.900	-11.7	-4.1	-2.0	6.5	-25.6	0.0	0.0	8.6	-34.1			
7.950	-13.8	-4.9	-2.4	6.8	-27.6	0.0	0.0	9.0	-36.7			
7.994	-15.7	-5.6	-2.8	6.8	-28.8	0.0	0.0	9.0	-38.3			
8.000	-16.0	-5.7	-2.8	6.8	-29.0	0.0	0.0	9.0	-38.5			
8.000	0.2	0.2	0.1	1.9	0.0	0.0	0.0	2.5	0.0			
8.375	0.1	0.1	0.1	1.9	0.0	0.0	0.0	2.5	0.0			
9.000	0.0	0.0	0.0	1.9	0.0	0.0	0.0	2.5	0.0			

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-3
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
0.625	-0.2	-0.1	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	-0.3	-0.2	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	13.3	4.8	1.4	23.0	-5.4	0.0	0.0	30.6	-7.2		
1.000	13.3	4.8	1.4	23.0	-5.4	0.0	0.0	30.6	-7.2		
1.049	11.4	4.1	1.3	23.0	-5.4	0.0	0.0	30.6	-7.2		
1.050	11.3	4.1	1.3	23.0	-5.4	0.0	0.0	30.6	-7.2		
1.100	9.4	3.4	1.2	21.7	-5.4	0.0	0.0	28.8	-7.2		
1.109	9.1	3.3	1.1	21.3	-5.4	0.0	0.0	28.4	-7.2		
1.150	7.6	2.7	1.1	20.3	-5.4	0.0	0.0	27.1	-7.2		
1.169	6.8	2.4	1.1	19.6	-5.4	0.0	0.0	26.1	-7.2		
1.200	5.7	2.0	1.1	18.8	-5.4	0.0	0.0	25.0	-7.2		
1.203	5.6	2.0	1.0	18.4	-5.4	0.0	0.0	24.4	-7.2		
1.230	4.6	1.6	1.0	17.7	-5.4	0.0	0.0	23.5	-7.2		
1.248	3.9	1.4	0.9	17.2	-5.4	0.0	0.0	22.9	-7.2		
1.250	3.8	1.3	0.9	17.1	-5.4	0.0	0.0	22.8	-7.2		
1.300	1.9	0.6	0.5	15.4	-5.4	0.0	0.0	20.5	-7.2		
1.350	0.1	0.0	0.2	13.6	-6.1	0.0	0.0	18.1	-8.1		
1.352	0.0	-0.1	0.2	13.1	-6.1	0.0	0.0	17.5	-8.2		
1.400	-1.8	-0.7	-0.2	11.9	-7.5	0.0	0.0	15.8	-9.9		
1.407	-2.9	-0.9	-0.3	11.2	-9.1	0.0	0.0	14.9	-12.1		
1.450	-4.5	-1.5	-0.6	8.4	-10.6	0.0	0.0	11.2	-14.1		
1.500	-6.4	-2.2	-0.9	6.9	-12.6	0.0	0.0	9.1	-16.8		
1.550	-8.2	-2.9	-1.3	5.4	-14.8	0.0	0.0	7.2	-19.6		
1.585	-9.6	-3.4	-1.5	4.3	-16.0	0.0	0.0	5.7	-21.3		
1.600	-10.1	-3.6	-1.6	4.1	-16.8	0.0	0.0	5.4	-22.4		
1.650	-12.0	-4.3	-2.0	3.0	-18.8	0.0	0.0	4.1	-25.0		
1.686	-13.3	-4.8	-2.2	2.5	-19.9	0.0	0.0	3.3	-26.4		
1.700	-13.9	-5.0	-2.3	2.4	-20.6	0.0	0.0	3.2	-27.4		
1.750	-15.7	-5.6	-2.6	2.2	-22.3	0.0	0.0	3.0	-29.7		
1.764	-16.6	-5.8	-2.7	3.6	-26.2	0.0	0.0	4.8	-34.9		
1.800	-18.0	-6.3	-3.0	3.8	-27.6	0.0	0.0	5.1	-36.7		
1.850	-19.9	-7.0	-3.3	3.9	-29.1	0.0	0.0	5.2	-38.6		
1.882	-21.1	-7.5	-3.5	3.9	-29.9	0.0	0.0	5.2	-39.8		
1.893	-21.5	-7.6	-3.6	3.9	-30.2	0.0	0.0	5.2	-40.2		
1.900	-21.8	-7.7	-3.7	4.0	-30.7	0.0	0.0	5.3	-40.8		
1.950	-23.8	-8.4	-4.0	4.1	-32.2	0.0	0.0	5.4	-42.9		
2.000	-25.7	-9.1	-4.4	4.1	-33.4	0.0	0.0	5.4	-44.4		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-3 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.000	26.4	9.3	4.5	27.5	-6.1	0.0	0.0	36.6	-8.2		
2.042	24.0	8.4	4.1	27.5	-6.1	0.0	0.0	36.6	-8.2		
2.050	23.5	8.3	4.0	27.6	-6.1	0.0	0.0	36.7	-8.2		
2.075	22.1	7.8	3.8	27.0	-5.9	0.0	0.0	35.9	-7.9		
2.085	22.4	7.9	3.9	28.9	-5.9	0.0	0.0	38.5	-7.9		
2.100	21.6	7.6	3.7	28.6	-4.9	0.0	0.0	38.0	-6.5		
2.150	18.9	6.6	3.2	27.2	-4.9	0.0	0.0	36.2	-6.5		
2.200	16.2	5.7	2.8	25.5	-4.9	0.0	0.0	33.9	-6.5		
2.202	16.1	5.6	2.7	25.1	-4.9	0.0	0.0	33.4	-6.5		
2.210	15.7	5.5	2.7	24.9	-4.9	0.0	0.0	33.1	-6.5		
2.250	13.5	4.7	2.3	23.6	-4.9	0.0	0.0	31.3	-6.5		
2.300	10.8	3.7	1.8	21.4	-4.9	0.0	0.0	28.5	-6.5		
2.335	9.0	3.0	1.5	19.8	-5.8	0.0	0.0	26.4	-7.7		
2.350	7.2	2.7	1.3	18.1	-6.2	0.0	0.0	24.1	-8.3		
2.400	4.6	1.7	0.8	16.2	-7.5	0.0	0.0	21.5	-10.0		
2.450	1.9	0.7	0.3	14.3	-9.2	0.0	0.0	19.0	-12.3		
2.460	1.4	0.5	0.2	13.4	-9.5	0.0	0.0	17.8	-12.6		
2.485	0.0	0.0	0.0	12.7	-10.2	0.0	0.0	17.0	-13.5		
2.500	-0.8	-0.3	-0.2	12.4	-11.0	0.0	0.0	16.5	-14.6		
2.550	-3.5	-1.3	-0.6	10.4	-12.8	0.0	0.0	13.9	-17.0		
2.585	-6.2	-2.0	-1.0	8.8	-16.0	0.0	0.0	11.8	-21.2		
2.600	-7.1	-2.3	-1.2	6.3	-17.0	0.0	0.0	8.4	-22.5		
2.650	-9.7	-3.3	-1.6	4.7	-19.1	0.0	0.0	6.2	-25.4		
2.700	-12.4	-4.3	-2.1	3.8	-21.3	0.0	0.0	5.1	-28.3		
2.710	-12.9	-4.5	-2.2	3.8	-21.6	0.0	0.0	5.1	-28.7		
2.750	-15.1	-5.3	-2.6	4.0	-23.4	0.0	0.0	5.4	-31.1		
2.766	-15.9	-5.6	-2.8	4.0	-24.0	0.0	0.0	5.4	-31.9		
2.800	-17.8	-6.3	-3.1	4.3	-25.7	0.0	0.0	5.7	-34.2		
2.835	-20.0	-7.0	-3.4	6.7	-30.5	0.0	0.0	8.9	-40.5		
2.850	-20.8	-7.3	-3.6	7.0	-31.5	0.0	0.0	9.3	-41.9		
2.888	-22.8	-8.0	-3.9	7.0	-32.9	0.0	0.0	9.3	-43.7		
2.900	-23.6	-8.3	-4.1	7.1	-33.5	0.0	0.0	9.4	-44.6		
2.917	-24.6	-8.6	-4.2	7.1	-34.0	0.0	0.0	9.4	-45.3		
2.950	-26.5	-9.3	-4.6	7.3	-35.2	0.0	0.0	9.8	-46.8		
3.000	-29.5	-10.3	-5.1	7.3	-36.1	0.0	0.0	9.7	-48.1		
3.000	27.7	9.6	4.7	27.0	-6.7	0.0	0.0	35.9	-8.9		
3.042	25.2	8.8	4.3	27.0	-6.7	0.0	0.0	35.9	-8.9		
3.050	24.8	8.7	4.3	27.0	-6.7	0.0	0.0	35.9	-8.9		
3.085	23.7	8.3	4.1	28.5	-6.4	0.0	0.0	37.9	-8.5		
3.100	22.8	8.1	4.0	28.3	-4.9	0.0	0.0	37.6	-6.5		
3.113	22.1	7.8	3.8	27.9	-4.8	0.0	0.0	37.2	-6.4		
3.150	20.1	7.1	3.5	27.0	-4.8	0.0	0.0	35.9	-6.4		
3.200	17.4	6.1	3.0	25.3	-4.8	0.0	0.0	33.7	-6.4		
3.210	16.9	5.9	2.9	24.7	-4.8	0.0	0.0	32.8	-6.4		
3.249	14.8	5.1	2.5	23.4	-4.8	0.0	0.0	31.1	-6.4		
3.250	14.7	5.1	2.5	23.4	-4.8	0.0	0.0	31.1	-6.4		
3.300	12.0	4.1	2.0	21.3	-4.8	0.0	0.0	28.3	-6.4		
3.335	10.2	3.4	1.7	19.7	-5.9	0.0	0.0	26.2	-7.8		
3.350	8.6	3.1	1.5	18.0	-6.3	0.0	0.0	24.0	-8.4		
3.400	5.9	2.1	1.0	16.1	-7.6	0.0	0.0	21.4	-10.1		
3.450	3.2	1.1	0.6	14.2	-9.3	0.0	0.0	18.9	-12.4		
3.460	2.7	1.0	0.5	13.3	-9.6	0.0	0.0	17.7	-12.7		
3.500	0.5	0.2	0.1	12.3	-11.1	0.0	0.0	16.4	-14.7		
3.510	0.0	0.0	0.0	11.4	-11.3	0.0	0.0	15.1	-15.1		
3.550	-2.1	-0.8	-0.4	10.4	-12.9	0.0	0.0	13.8	-17.1		
3.585	-4.9	-1.6	-0.8	8.8	-16.0	0.0	0.0	11.7	-21.3		
3.600	-5.7	-1.9	-0.9	6.3	-17.0	0.0	0.0	8.4	-22.6		
3.650	-8.4	-2.9	-1.4	5.1	-19.2	0.0	0.0	6.8	-25.5		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-3 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
3.700	-11.0	-3.9	-1.9	5.2	-21.3	0.0	0.0	6.9	-28.3		
3.710	-11.6	-4.1	-2.0	5.2	-21.6	0.0	0.0	6.9	-28.7		
3.750	-13.7	-4.9	-2.4	5.4	-23.4	0.0	0.0	7.2	-31.2		
3.765	-14.5	-5.1	-2.5	5.4	-24.0	0.0	0.0	7.2	-31.9		
3.800	-16.4	-5.8	-2.9	5.6	-25.8	0.0	0.0	7.5	-34.3		
3.835	-18.6	-6.5	-3.2	8.2	-30.5	0.0	0.0	10.9	-40.5		
3.850	-19.5	-6.8	-3.3	8.5	-31.6	0.0	0.0	11.4	-42.0		
3.887	-21.5	-7.5	-3.7	8.5	-32.9	0.0	0.0	11.4	-43.7		
3.900	-22.2	-7.8	-3.8	8.6	-33.6	0.0	0.0	11.5	-44.6		
3.917	-23.2	-8.2	-4.0	8.6	-34.0	0.0	0.0	11.5	-45.3		
3.950	-25.1	-8.8	-4.3	8.9	-35.2	0.0	0.0	11.8	-46.9		
4.000	-28.1	-9.8	-4.8	8.9	-36.2	0.0	0.0	11.8	-48.1		
4.000	27.4	9.5	4.7	27.0	-6.7	0.0	0.0	35.9	-8.9		
4.042	24.9	8.7	4.3	27.0	-6.7	0.0	0.0	35.9	-8.9		
4.050	24.4	8.6	4.2	27.0	-6.7	0.0	0.0	35.9	-8.9		
4.085	23.3	8.2	4.0	28.5	-6.4	0.0	0.0	37.9	-8.5		
4.100	22.4	7.9	3.9	28.2	-4.9	0.0	0.0	37.6	-6.5		
4.112	21.7	7.7	3.8	27.9	-4.8	0.0	0.0	37.2	-6.4		
4.150	19.7	6.9	3.4	27.0	-4.8	0.0	0.0	35.9	-6.4		
4.200	17.0	6.0	2.9	25.3	-4.8	0.0	0.0	33.6	-6.4		
4.210	16.5	5.8	2.8	24.7	-4.8	0.0	0.0	32.8	-6.4		
4.234	15.2	5.3	2.6	23.9	-4.8	0.0	0.0	31.7	-6.4		
4.250	14.3	5.0	2.4	23.4	-4.8	0.0	0.0	31.1	-6.4		
4.300	11.7	4.0	2.0	21.2	-4.8	0.0	0.0	28.3	-6.4		
4.335	9.8	3.3	1.6	19.7	-5.9	0.0	0.0	26.2	-7.8		
4.350	8.2	3.0	1.5	18.0	-6.4	0.0	0.0	24.0	-8.5		
4.400	5.5	2.0	1.0	16.1	-7.6	0.0	0.0	21.4	-10.1		
4.450	2.8	1.0	0.5	14.2	-9.3	0.0	0.0	18.9	-12.4		
4.460	2.3	0.8	0.4	13.3	-9.6	0.0	0.0	17.7	-12.7		
4.500	0.1	0.0	0.0	12.3	-11.1	0.0	0.0	16.4	-14.7		
4.503	0.0	0.0	0.0	11.6	-11.1	0.0	0.0	15.4	-14.8		
4.550	-2.5	-1.0	-0.5	10.4	-12.9	0.0	0.0	13.8	-17.1		
4.585	-5.3	-1.7	-0.8	8.8	-16.0	0.0	0.0	11.7	-21.3		
4.600	-6.1	-2.0	-1.0	6.3	-17.0	0.0	0.0	8.4	-22.6		
4.650	-8.8	-3.0	-1.5	5.2	-19.2	0.0	0.0	6.9	-25.5		
4.700	-11.5	-4.0	-2.0	5.2	-21.3	0.0	0.0	6.9	-28.3		
4.710	-12.0	-4.2	-2.1	5.2	-21.6	0.0	0.0	6.9	-28.7		
4.750	-14.1	-5.0	-2.4	5.4	-23.4	0.0	0.0	7.2	-31.2		
4.765	-14.9	-5.3	-2.6	5.4	-24.0	0.0	0.0	7.2	-32.0		
4.800	-16.8	-6.0	-2.9	5.6	-25.8	0.0	0.0	7.5	-34.3		
4.835	-19.0	-6.7	-3.3	8.2	-30.5	0.0	0.0	10.9	-40.5		
4.850	-19.9	-6.9	-3.4	8.6	-31.6	0.0	0.0	11.4	-42.0		
4.887	-21.9	-7.7	-3.8	8.5	-32.9	0.0	0.0	11.4	-43.7		
4.900	-22.6	-8.0	-3.9	8.6	-33.6	0.0	0.0	11.5	-44.6		
4.917	-23.6	-8.3	-4.1	8.6	-34.1	0.0	0.0	11.5	-45.3		
4.950	-25.6	-9.0	-4.4	8.9	-35.2	0.0	0.0	11.8	-46.9		
5.000	-28.5	-9.9	-4.9	8.9	-36.2	0.0	0.0	11.8	-48.1		
5.000	27.5	9.6	4.7	27.0	-6.7	0.0	0.0	35.9	-8.9		
5.042	25.0	8.7	4.3	27.0	-6.7	0.0	0.0	35.9	-8.9		
5.050	24.5	8.6	4.2	27.0	-6.7	0.0	0.0	35.9	-8.9		
5.085	23.4	8.2	4.0	28.5	-6.4	0.0	0.0	37.9	-8.5		
5.100	22.5	8.0	3.9	28.2	-4.9	0.0	0.0	37.6	-6.5		
5.112	21.8	7.7	3.8	27.9	-4.8	0.0	0.0	37.2	-6.4		
5.150	19.8	7.0	3.4	27.0	-4.8	0.0	0.0	35.9	-6.4		
5.200	17.1	6.0	2.9	25.3	-4.8	0.0	0.0	33.6	-6.4		
5.210	16.6	5.8	2.9	24.7	-4.8	0.0	0.0	32.8	-6.4		
5.239	15.0	5.2	2.6	23.7	-4.8	0.0	0.0	31.5	-6.4		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-3 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
5.250	14.4	5.0	2.5	23.4	-4.8	0.0	0.0	31.1	-6.4		
5.300	11.7	4.0	2.0	21.2	-4.8	0.0	0.0	28.3	-6.4		
5.335	9.9	3.4	1.6	19.7	-5.9	0.0	0.0	26.2	-7.8		
5.350	8.3	3.0	1.5	18.0	-6.4	0.0	0.0	24.0	-8.5		
5.400	5.6	2.0	1.0	16.1	-7.6	0.0	0.0	21.4	-10.1		
5.450	2.9	1.0	0.5	14.2	-9.3	0.0	0.0	18.9	-12.4		
5.460	2.4	0.9	0.4	13.3	-9.6	0.0	0.0	17.7	-12.7		
5.500	0.2	0.1	0.0	12.3	-11.1	0.0	0.0	16.4	-14.7		
5.504	0.0	0.0	0.0	11.5	-11.2	0.0	0.0	15.3	-14.9		
5.550	-2.4	-0.9	-0.5	10.4	-12.9	0.0	0.0	13.8	-17.1		
5.585	-5.2	-1.7	-0.8	8.8	-16.0	0.0	0.0	11.7	-21.3		
5.600	-6.0	-2.0	-1.0	6.3	-17.0	0.0	0.0	8.4	-22.6		
5.650	-8.7	-3.0	-1.5	5.2	-19.2	0.0	0.0	6.9	-25.5		
5.700	-11.4	-4.0	-1.9	5.2	-21.3	0.0	0.0	6.9	-28.3		
5.710	-11.9	-4.2	-2.0	5.2	-21.6	0.0	0.0	6.9	-28.7		
5.750	-14.0	-5.0	-2.4	5.4	-23.4	0.0	0.0	7.2	-31.2		
5.764	-14.8	-5.2	-2.6	5.4	-24.0	0.0	0.0	7.2	-31.9		
5.800	-16.7	-5.9	-2.9	5.6	-25.8	0.0	0.0	7.5	-34.3		
5.835	-18.9	-6.6	-3.2	8.2	-30.5	0.0	0.0	10.9	-40.5		
5.850	-19.8	-6.9	-3.4	8.6	-31.6	0.0	0.0	11.4	-42.0		
5.888	-21.8	-7.6	-3.8	8.5	-32.9	0.0	0.0	11.4	-43.7		
5.900	-22.5	-7.9	-3.9	8.6	-33.6	0.0	0.0	11.5	-44.7		
5.917	-23.5	-8.3	-4.1	8.6	-34.1	0.0	0.0	11.5	-45.3		
5.950	-25.5	-8.9	-4.4	8.9	-35.2	0.0	0.0	11.8	-46.9		
6.000	-28.4	-9.9	-4.9	8.9	-36.2	0.0	0.0	11.8	-48.1		
6.000	27.5	9.6	4.7	27.0	-6.2	0.0	0.0	35.9	-8.3		
6.042	25.1	8.7	4.3	27.0	-6.2	0.0	0.0	35.9	-8.3		
6.050	24.6	8.6	4.2	27.0	-6.2	0.0	0.0	35.9	-8.3		
6.085	23.5	8.3	4.1	28.5	-6.0	0.0	0.0	37.9	-7.9		
6.100	22.6	8.0	3.9	28.2	-4.3	0.0	0.0	37.6	-5.8		
6.112	21.9	7.7	3.8	27.9	-4.2	0.0	0.0	37.2	-5.6		
6.150	19.9	7.0	3.4	27.0	-4.3	0.0	0.0	35.9	-5.7		
6.200	17.2	6.0	2.9	25.3	-4.3	0.0	0.0	33.6	-5.7		
6.210	16.7	5.8	2.9	24.7	-4.3	0.0	0.0	32.8	-5.7		
6.237	15.2	5.3	2.6	23.8	-4.3	0.0	0.0	31.6	-5.7		
6.250	14.5	5.0	2.5	23.4	-4.3	0.0	0.0	31.1	-5.7		
6.300	11.8	4.1	2.0	21.2	-4.2	0.0	0.0	28.2	-5.6		
6.335	10.0	3.4	1.6	19.7	-5.9	0.0	0.0	26.2	-7.9		
6.350	8.3	3.0	1.5	18.0	-6.4	0.0	0.0	24.0	-8.5		
6.400	5.7	2.0	1.0	16.1	-7.6	0.0	0.0	21.4	-10.1		
6.450	3.0	1.1	0.5	14.2	-9.3	0.0	0.0	18.9	-12.4		
6.460	2.5	0.9	0.4	13.3	-9.6	0.0	0.0	17.7	-12.7		
6.500	0.3	0.1	0.0	12.3	-11.1	0.0	0.0	16.4	-14.7		
6.506	0.0	0.0	0.0	11.5	-11.2	0.0	0.0	15.3	-14.9		
6.550	-2.4	-0.9	-0.5	10.4	-12.9	0.0	0.0	13.8	-17.1		
6.585	-5.1	-1.7	-0.8	8.8	-16.0	0.0	0.0	11.7	-21.3		
6.600	-5.9	-2.0	-1.0	6.3	-17.0	0.0	0.0	8.3	-22.6		
6.650	-8.6	-3.0	-1.4	5.2	-19.2	0.0	0.0	6.9	-25.5		
6.700	-11.3	-3.9	-1.9	5.2	-21.3	0.0	0.0	6.9	-28.3		
6.710	-11.8	-4.1	-2.0	5.2	-21.6	0.0	0.0	6.9	-28.7		
6.750	-13.9	-4.9	-2.4	5.3	-23.4	0.0	0.0	7.1	-31.2		
6.769	-14.9	-5.3	-2.6	5.3	-24.2	0.0	0.0	7.1	-32.1		
6.800	-16.6	-5.9	-2.9	5.6	-25.8	0.0	0.0	7.4	-34.3		
6.835	-18.9	-6.6	-3.2	8.1	-30.5	0.0	0.0	10.8	-40.6		
6.850	-19.7	-6.9	-3.4	8.5	-31.6	0.0	0.0	11.3	-42.0		
6.900	-22.4	-7.9	-3.9	8.6	-33.6	0.0	0.0	11.4	-44.7		
6.917	-23.4	-8.2	-4.0	8.6	-34.1	0.0	0.0	11.4	-45.4		
6.950	-25.3	-8.9	-4.4	8.9	-35.3	0.0	0.0	11.8	-47.0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
7.000	-28.2	-9.9	-4.8	8.8	-36.2	0.0	0.0	11.8	-48.2		
7.000	27.9	9.8	4.8	27.1	-5.7	0.0	0.0	36.0	-7.6		
7.050	25.6	9.0	4.4	27.4	-5.7	0.0	0.0	36.4	-7.6		
7.053	25.5	9.0	4.4	27.4	-5.3	0.0	0.0	36.4	-7.0		
7.100	23.3	8.2	4.0	26.5	-5.1	0.0	0.0	35.2	-6.8		
7.106	23.9	8.5	4.2	28.5	-4.7	0.0	0.0	37.9	-6.3		
7.125	23.0	8.2	4.0	28.1	-2.5	0.0	0.0	37.3	-3.3		
7.150	21.9	7.8	3.8	27.5	-2.5	0.0	0.0	36.6	-3.4		
7.200	19.8	7.0	3.4	26.2	-2.5	0.0	0.0	34.9	-3.4		
7.250	17.6	6.2	3.1	24.6	-2.7	0.0	0.0	32.7	-3.6		
7.262	17.1	6.0	3.0	24.0	-2.8	0.0	0.0	31.9	-3.7		
7.281	16.3	5.7	2.8	23.4	-2.9	0.0	0.0	31.1	-3.8		
7.300	15.5	5.4	2.7	22.8	-3.1	0.0	0.0	30.3	-4.1		
7.350	13.4	4.6	2.3	21.2	-3.6	0.0	0.0	28.2	-4.7		
7.400	11.2	3.9	1.9	19.5	-4.1	0.0	0.0	26.0	-5.5		
7.418	10.4	3.6	1.8	18.6	-5.9	0.0	0.0	24.7	-7.9		
7.450	8.2	3.0	1.5	15.8	-6.6	0.0	0.0	21.1	-8.7		
7.500	6.1	2.2	1.1	14.0	-7.9	0.0	0.0	18.6	-10.5		
7.550	4.0	1.4	0.7	12.0	-9.3	0.0	0.0	16.0	-12.4		
7.575	2.9	1.1	0.5	10.7	-10.0	0.0	0.0	14.3	-13.2		
7.600	1.8	0.7	0.3	9.9	-10.9	0.0	0.0	13.2	-14.5		
7.643	0.0	0.0	0.0	8.1	-12.0	0.0	0.0	10.7	-16.0		
7.650	-0.3	-0.1	-0.1	7.9	-12.6	0.0	0.0	10.5	-16.8		
7.700	-2.5	-0.9	-0.4	6.1	-14.3	0.0	0.0	8.2	-19.1		
7.731	-4.4	-1.5	-0.7	5.3	-18.1	0.0	0.0	7.1	-24.0		
7.750	-5.3	-1.8	-0.9	5.7	-19.2	0.0	0.0	7.5	-25.5		
7.800	-7.4	-2.6	-1.3	5.9	-21.7	0.0	0.0	7.9	-28.8		
7.850	-9.6	-3.3	-1.7	6.3	-24.0	0.0	0.0	8.3	-32.0		
7.865	-10.2	-3.6	-1.8	6.3	-24.5	0.0	0.0	8.3	-32.6		
7.900	-11.7	-4.1	-2.0	6.6	-26.0	0.0	0.0	8.8	-34.5		
7.950	-13.8	-4.9	-2.4	6.9	-27.9	0.0	0.0	9.2	-37.1		
7.994	-15.7	-5.6	-2.8	6.9	-29.5	0.0	0.0	9.2	-39.2		
8.000	-16.0	-5.7	-2.8	6.9	-29.7	0.0	0.0	9.2	-39.5		
8.000	0.2	0.2	0.1	1.9	0.0	0.0	0.0	2.5	0.0		
8.375	0.1	0.1	0.1	1.9	0.0	0.0	0.0	2.5	0.0		
9.000	0.0	0.0	0.0	1.9	0.0	0.0	0.0	2.5	0.0		

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
0.625	-0.2	-0.1	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	-0.3	-0.2	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	13.3	4.8	1.4	24.3	-5.4	0.0	0.0	32.4	-7.1		
1.000	13.3	4.8	1.4	24.3	-5.4	0.0	0.0	32.4	-7.1		
1.049	11.4	4.1	1.3	24.3	-5.4	0.0	0.0	32.4	-7.1		
1.050	11.3	4.1	1.3	24.3	-5.4	0.0	0.0	32.3	-7.2		
1.100	9.4	3.4	1.2	22.9	-5.4	0.0	0.0	30.5	-7.2		
1.109	9.1	3.3	1.1	22.6	-5.4	0.0	0.0	30.0	-7.2		
1.150	7.6	2.7	1.1	21.4	-5.4	0.0	0.0	28.5	-7.2		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC FRAC	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
1.169	6.8	2.4	1.1	20.6	-5.4	0.0	0.0	27.4	-7.2		
1.200	5.7	2.0	1.1	19.7	-5.4	0.0	0.0	26.2	-7.2		
1.203	5.6	2.0	1.0	19.3	-5.4	0.0	0.0	25.6	-7.2		
1.230	4.6	1.6	1.0	18.4	-5.4	0.0	0.0	24.5	-7.2		
1.248	3.9	1.4	0.9	17.9	-5.4	0.0	0.0	23.8	-7.2		
1.250	3.8	1.3	0.9	17.8	-5.4	0.0	0.0	23.7	-7.2		
1.300	1.9	0.6	0.5	15.9	-5.4	0.0	0.0	21.2	-7.2		
1.350	0.1	0.0	0.2	14.0	-6.1	0.0	0.0	18.6	-8.2		
1.352	0.0	-0.1	0.2	13.5	-6.2	0.0	0.0	17.9	-8.2		
1.400	-1.8	-0.7	-0.2	12.0	-7.5	0.0	0.0	16.0	-10.0		
1.407	-2.9	-0.9	-0.3	11.3	-9.2	0.0	0.0	15.1	-12.2		
1.450	-4.5	-1.5	-0.6	8.5	-10.8	0.0	0.0	11.3	-14.4		
1.500	-6.4	-2.2	-0.9	6.9	-12.8	0.0	0.0	9.2	-17.0		
1.550	-8.2	-2.9	-1.3	5.5	-14.9	0.0	0.0	7.3	-19.9		
1.585	-9.6	-3.4	-1.5	4.3	-16.1	0.0	0.0	5.8	-21.5		
1.600	-10.1	-3.6	-1.6	4.1	-17.0	0.0	0.0	5.5	-22.6		
1.650	-12.0	-4.3	-2.0	3.1	-19.1	0.0	0.0	4.1	-25.4		
1.686	-13.3	-4.8	-2.2	2.5	-20.4	0.0	0.0	3.3	-27.1		
1.700	-13.9	-5.0	-2.3	2.4	-21.2	0.0	0.0	3.1	-28.2		
1.750	-15.7	-5.6	-2.6	2.2	-23.2	0.0	0.0	2.9	-30.9		
1.764	-16.6	-5.8	-2.7	3.6	-27.1	0.0	0.0	4.8	-36.0		
1.800	-18.0	-6.3	-3.0	3.7	-28.7	0.0	0.0	5.0	-38.1		
1.850	-19.9	-7.0	-3.3	3.9	-30.5	0.0	0.0	5.1	-40.6		
1.882	-21.1	-7.5	-3.5	3.9	-31.4	0.0	0.0	5.1	-41.7		
1.893	-21.5	-7.6	-3.6	3.9	-31.6	0.0	0.0	5.1	-42.1		
1.900	-21.8	-7.7	-3.7	3.9	-32.0	0.0	0.0	5.2	-42.6		
1.950	-23.8	-8.4	-4.0	4.0	-33.2	0.0	0.0	5.3	-44.2		
2.000	-25.7	-9.1	-4.4	4.0	-34.0	0.0	0.0	5.3	-45.2		
2.000	26.4	9.3	4.5	28.1	-6.0	0.0	0.0	37.4	-8.0		
2.042	24.0	8.4	4.1	28.1	-6.0	0.0	0.0	37.4	-8.0		
2.050	23.5	8.3	4.0	28.1	-6.0	0.0	0.0	37.4	-8.0		
2.075	22.1	7.8	3.8	27.7	-5.9	0.0	0.0	36.8	-7.8		
2.085	22.4	7.9	3.9	29.4	-5.9	0.0	0.0	39.1	-7.8		
2.100	21.6	7.6	3.7	29.1	-4.8	0.0	0.0	38.7	-6.4		
2.150	18.9	6.6	3.2	28.0	-4.8	0.0	0.0	37.3	-6.4		
2.200	16.2	5.7	2.8	26.5	-4.8	0.0	0.0	35.2	-6.4		
2.202	16.1	5.6	2.7	26.0	-4.8	0.0	0.0	34.6	-6.4		
2.210	15.7	5.5	2.7	25.8	-4.8	0.0	0.0	34.3	-6.4		
2.250	13.5	4.7	2.3	24.7	-4.8	0.0	0.0	32.9	-6.4		
2.300	10.8	3.7	1.8	22.7	-4.8	0.0	0.0	30.2	-6.4		
2.335	9.0	3.0	1.5	21.1	-5.8	0.0	0.0	28.0	-7.7		
2.350	7.2	2.7	1.3	19.1	-6.3	0.0	0.0	25.4	-8.4		
2.400	4.6	1.7	0.8	17.1	-7.6	0.0	0.0	22.8	-10.1		
2.450	1.9	0.7	0.3	15.0	-9.3	0.0	0.0	19.9	-12.4		
2.460	1.4	0.5	0.2	14.0	-9.6	0.0	0.0	18.6	-12.8		
2.485	0.0	0.0	0.0	13.3	-10.4	0.0	0.0	17.6	-13.8		
2.500	-0.8	-0.3	-0.2	12.8	-11.2	0.0	0.0	17.1	-15.0		
2.550	-3.5	-1.3	-0.6	10.7	-13.2	0.0	0.0	14.2	-17.6		
2.585	-6.2	-2.0	-1.0	9.0	-16.6	0.0	0.0	11.9	-22.1		
2.600	-7.1	-2.3	-1.2	6.4	-17.6	0.0	0.0	8.5	-23.5		
2.650	-9.7	-3.3	-1.6	4.8	-20.1	0.0	0.0	6.3	-26.7		
2.700	-12.4	-4.3	-2.1	3.8	-22.5	0.0	0.0	5.0	-29.9		
2.710	-12.9	-4.5	-2.2	3.8	-22.8	0.0	0.0	5.0	-30.4		
2.750	-15.1	-5.3	-2.6	4.0	-24.8	0.0	0.0	5.3	-33.0		
2.766	-15.9	-5.6	-2.8	4.0	-25.4	0.0	0.0	5.3	-33.7		
2.800	-17.8	-6.3	-3.1	4.2	-27.0	0.0	0.0	5.6	-35.9		
2.835	-20.0	-7.0	-3.4	6.6	-31.9	0.0	0.0	8.8	-42.4		
2.850	-20.8	-7.3	-3.6	7.0	-32.9	0.0	0.0	9.3	-43.8		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.888	-22.8	-8.0	-3.9	7.0	-34.0	0.0	0.0	9.3	-45.2		
2.900	-23.6	-8.3	-4.1	7.1	-34.6	0.0	0.0	9.4	-46.0		
2.917	-24.6	-8.6	-4.2	7.0	-34.9	0.0	0.0	9.4	-46.4		
2.950	-26.5	-9.3	-4.6	7.3	-35.8	0.0	0.0	9.6	-47.6		
3.000	-29.5	-10.3	-5.1	7.3	-36.2	0.0	0.0	9.6	-48.1		
3.000	27.7	9.6	4.7	27.6	-6.6	0.0	0.0	36.7	-8.7		
3.042	25.2	8.8	4.3	27.6	-6.6	0.0	0.0	36.7	-8.7		
3.050	24.8	8.7	4.3	27.6	-6.6	0.0	0.0	36.7	-8.7		
3.085	23.7	8.3	4.1	29.0	-6.3	0.0	0.0	38.6	-8.4		
3.100	22.8	8.1	4.0	28.7	-4.8	0.0	0.0	38.2	-6.4		
3.113	22.1	7.8	3.8	28.5	-4.8	0.0	0.0	37.9	-6.4		
3.150	20.1	7.1	3.5	27.8	-4.8	0.0	0.0	36.9	-6.4		
3.200	17.4	6.1	3.0	26.2	-4.8	0.0	0.0	34.9	-6.4		
3.210	16.9	5.9	2.9	25.6	-4.8	0.0	0.0	34.0	-6.4		
3.249	14.8	5.1	2.5	24.5	-4.8	0.0	0.0	32.6	-6.4		
3.250	14.7	5.1	2.5	24.5	-4.8	0.0	0.0	32.6	-6.4		
3.300	12.0	4.1	2.0	22.6	-4.8	0.0	0.0	30.0	-6.4		
3.335	10.2	3.4	1.7	20.9	-5.9	0.0	0.0	27.8	-7.8		
3.350	8.6	3.1	1.5	19.0	-6.4	0.0	0.0	25.2	-8.5		
3.400	5.9	2.1	1.0	17.0	-7.7	0.0	0.0	22.6	-10.2		
3.450	3.2	1.1	0.6	14.9	-9.4	0.0	0.0	19.8	-12.5		
3.460	2.7	1.0	0.5	13.9	-9.7	0.0	0.0	18.5	-12.9		
3.500	0.5	0.2	0.1	12.8	-11.3	0.0	0.0	17.0	-15.1		
3.510	0.0	0.0	0.0	11.8	-11.7	0.0	0.0	15.7	-15.5		
3.550	-2.1	-0.8	-0.4	10.6	-13.3	0.0	0.0	14.2	-17.7		
3.585	-4.9	-1.6	-0.8	8.9	-16.7	0.0	0.0	11.9	-22.2		
3.600	-5.7	-1.9	-0.9	6.4	-17.7	0.0	0.0	8.5	-23.6		
3.650	-8.4	-2.9	-1.4	5.1	-20.1	0.0	0.0	6.8	-26.8		
3.700	-11.0	-3.9	-1.9	5.1	-22.5	0.0	0.0	6.8	-30.0		
3.710	-11.6	-4.1	-2.0	5.1	-22.9	0.0	0.0	6.8	-30.5		
3.750	-13.7	-4.9	-2.4	5.3	-24.9	0.0	0.0	7.1	-33.1		
3.765	-14.5	-5.1	-2.5	5.3	-25.4	0.0	0.0	7.1	-33.7		
3.800	-16.4	-5.8	-2.9	5.6	-27.0	0.0	0.0	7.5	-35.9		
3.835	-18.6	-6.5	-3.2	8.1	-31.9	0.0	0.0	10.8	-42.4		
3.850	-19.5	-6.8	-3.3	8.5	-32.9	0.0	0.0	11.3	-43.8		
3.887	-21.5	-7.5	-3.7	8.5	-34.0	0.0	0.0	11.3	-45.2		
3.900	-22.2	-7.8	-3.8	8.6	-34.6	0.0	0.0	11.4	-46.0		
3.917	-23.2	-8.2	-4.0	8.6	-34.9	0.0	0.0	11.4	-46.4		
3.950	-25.1	-8.8	-4.3	8.8	-35.8	0.0	0.0	11.7	-47.6		
4.000	-28.1	-9.8	-4.8	8.8	-36.2	0.0	0.0	11.7	-48.1		
4.000	27.4	9.5	4.7	27.6	-6.6	0.0	0.0	36.7	-8.7		
4.042	24.9	8.7	4.3	27.6	-6.6	0.0	0.0	36.7	-8.7		
4.050	24.4	8.6	4.2	27.6	-6.6	0.0	0.0	36.7	-8.7		
4.085	23.3	8.2	4.0	29.0	-6.3	0.0	0.0	38.6	-8.4		
4.100	22.4	7.9	3.9	28.7	-4.8	0.0	0.0	38.2	-6.4		
4.112	21.7	7.7	3.8	28.5	-4.8	0.0	0.0	37.9	-6.4		
4.150	19.7	6.9	3.4	27.7	-4.8	0.0	0.0	36.9	-6.4		
4.200	17.0	6.0	2.9	26.2	-4.8	0.0	0.0	34.9	-6.4		
4.210	16.5	5.8	2.8	25.6	-4.8	0.0	0.0	34.0	-6.4		
4.234	15.2	5.3	2.6	24.9	-4.8	0.0	0.0	33.2	-6.4		
4.250	14.3	5.0	2.4	24.5	-4.8	0.0	0.0	32.6	-6.4		
4.300	11.7	4.0	2.0	22.6	-4.8	0.0	0.0	30.0	-6.4		
4.335	9.8	3.3	1.6	20.9	-5.9	0.0	0.0	27.8	-7.8		
4.350	8.2	3.0	1.5	19.0	-6.4	0.0	0.0	25.2	-8.5		
4.400	5.5	2.0	1.0	17.0	-7.7	0.0	0.0	22.6	-10.2		
4.450	2.8	1.0	0.5	14.9	-9.4	0.0	0.0	19.8	-12.5		
4.460	2.3	0.8	0.4	13.9	-9.7	0.0	0.0	18.5	-12.9		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
4.500	0.1	0.0	0.0	12.8	-11.4	0.0	0.0	17.0	-15.1		
4.503	0.0	0.0	0.0	12.0	-11.4	0.0	0.0	16.0	-15.2		
4.550	-2.5	-1.0	-0.5	10.6	-13.3	0.0	0.0	14.2	-17.7		
4.585	-5.3	-1.7	-0.8	8.9	-16.7	0.0	0.0	11.9	-22.2		
4.600	-6.1	-2.0	-1.0	6.4	-17.7	0.0	0.0	8.5	-23.6		
4.650	-8.8	-3.0	-1.5	5.1	-20.1	0.0	0.0	6.8	-26.8		
4.700	-11.5	-4.0	-2.0	5.1	-22.5	0.0	0.0	6.8	-30.0		
4.710	-12.0	-4.2	-2.1	5.1	-22.9	0.0	0.0	6.8	-30.5		
4.750	-14.1	-5.0	-2.4	5.3	-24.9	0.0	0.0	7.1	-33.1		
4.765	-14.9	-5.3	-2.6	5.3	-25.4	0.0	0.0	7.1	-33.8		
4.800	-16.8	-6.0	-2.9	5.6	-27.0	0.0	0.0	7.5	-35.9		
4.835	-19.0	-6.7	-3.3	8.2	-31.9	0.0	0.0	10.8	-42.4		
4.850	-19.9	-6.9	-3.4	8.5	-32.9	0.0	0.0	11.3	-43.8		
4.887	-21.9	-7.7	-3.8	8.5	-34.0	0.0	0.0	11.3	-45.2		
4.900	-22.6	-8.0	-3.9	8.6	-34.6	0.0	0.0	11.4	-46.0		
4.917	-23.6	-8.3	-4.1	8.6	-34.9	0.0	0.0	11.4	-46.4		
4.950	-25.6	-9.0	-4.4	8.8	-35.8	0.0	0.0	11.7	-47.6		
5.000	-28.5	-9.9	-4.9	8.8	-36.2	0.0	0.0	11.7	-48.1		
5.000	27.5	9.6	4.7	27.6	-6.5	0.0	0.0	36.7	-8.7		
5.042	25.0	8.7	4.3	27.6	-6.5	0.0	0.0	36.7	-8.7		
5.050	24.5	8.6	4.2	27.6	-6.5	0.0	0.0	36.7	-8.7		
5.085	23.4	8.2	4.0	29.0	-6.3	0.0	0.0	38.6	-8.4		
5.100	22.5	8.0	3.9	28.7	-4.8	0.0	0.0	38.2	-6.4		
5.112	21.8	7.7	3.8	28.5	-4.8	0.0	0.0	37.9	-6.3		
5.150	19.8	7.0	3.4	27.7	-4.8	0.0	0.0	36.9	-6.4		
5.200	17.1	6.0	2.9	26.2	-4.8	0.0	0.0	34.9	-6.4		
5.210	16.6	5.8	2.9	25.6	-4.8	0.0	0.0	34.0	-6.4		
5.239	15.0	5.2	2.6	24.8	-4.8	0.0	0.0	33.0	-6.4		
5.250	14.4	5.0	2.5	24.5	-4.8	0.0	0.0	32.6	-6.4		
5.300	11.7	4.0	2.0	22.6	-4.8	0.0	0.0	30.0	-6.4		
5.335	9.9	3.4	1.6	20.9	-5.9	0.0	0.0	27.8	-7.8		
5.350	8.3	3.0	1.5	19.0	-6.4	0.0	0.0	25.2	-8.5		
5.400	5.6	2.0	1.0	17.0	-7.7	0.0	0.0	22.6	-10.2		
5.450	2.9	1.0	0.5	14.9	-9.4	0.0	0.0	19.8	-12.5		
5.460	2.4	0.9	0.4	13.9	-9.7	0.0	0.0	18.5	-12.9		
5.500	0.2	0.1	0.0	12.8	-11.4	0.0	0.0	17.0	-15.1		
5.504	0.0	0.0	0.0	12.0	-11.5	0.0	0.0	15.9	-15.3		
5.550	-2.4	-0.9	-0.5	10.6	-13.3	0.0	0.0	14.2	-17.7		
5.585	-5.2	-1.7	-0.8	8.9	-16.7	0.0	0.0	11.9	-22.2		
5.600	-6.0	-2.0	-1.0	6.4	-17.7	0.0	0.0	8.5	-23.6		
5.650	-8.7	-3.0	-1.5	5.1	-20.1	0.0	0.0	6.8	-26.8		
5.700	-11.4	-4.0	-1.9	5.1	-22.5	0.0	0.0	6.8	-30.0		
5.710	-11.9	-4.2	-2.0	5.1	-22.9	0.0	0.0	6.8	-30.5		
5.750	-14.0	-5.0	-2.4	5.3	-24.9	0.0	0.0	7.1	-33.1		
5.764	-14.8	-5.2	-2.6	5.3	-25.4	0.0	0.0	7.1	-33.7		
5.800	-16.7	-5.9	-2.9	5.6	-27.0	0.0	0.0	7.5	-35.9		
5.835	-18.9	-6.6	-3.2	8.1	-31.9	0.0	0.0	10.8	-42.4		
5.850	-19.8	-6.9	-3.4	8.5	-32.9	0.0	0.0	11.3	-43.8		
5.888	-21.8	-7.6	-3.8	8.5	-34.0	0.0	0.0	11.3	-45.2		
5.900	-22.5	-7.9	-3.9	8.6	-34.6	0.0	0.0	11.4	-46.0		
5.917	-23.5	-8.3	-4.1	8.6	-34.9	0.0	0.0	11.4	-46.4		
5.950	-25.5	-8.9	-4.4	8.8	-35.8	0.0	0.0	11.7	-47.6		
6.000	-28.4	-9.9	-4.9	8.8	-36.2	0.0	0.0	11.7	-48.1		
6.000	27.5	9.6	4.7	27.6	-6.1	0.0	0.0	36.7	-8.1		
6.042	25.1	8.7	4.3	27.6	-6.1	0.0	0.0	36.7	-8.1		
6.050	24.6	8.6	4.2	27.6	-6.1	0.0	0.0	36.7	-8.1		
6.085	23.5	8.3	4.1	29.0	-5.9	0.0	0.0	38.6	-7.8		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.100	22.6	8.0	3.9	28.7	-4.3	0.0	0.0	38.2	-5.7		
6.112	21.9	7.7	3.8	28.5	-4.2	0.0	0.0	37.9	-5.6		
6.150	19.9	7.0	3.4	27.7	-4.3	0.0	0.0	36.9	-5.7		
6.200	17.2	6.0	2.9	26.2	-4.3	0.0	0.0	34.9	-5.7		
6.210	16.7	5.8	2.9	25.6	-4.2	0.0	0.0	34.0	-5.6		
6.237	15.2	5.3	2.6	24.8	-4.2	0.0	0.0	33.0	-5.6		
6.250	14.5	5.0	2.5	24.5	-4.2	0.0	0.0	32.6	-5.6		
6.300	11.8	4.1	2.0	22.5	-4.2	0.0	0.0	30.0	-5.6		
6.335	10.0	3.4	1.6	20.9	-5.9	0.0	0.0	27.8	-7.9		
6.350	8.3	3.0	1.5	19.0	-6.4	0.0	0.0	25.2	-8.6		
6.400	5.7	2.0	1.0	17.0	-7.7	0.0	0.0	22.6	-10.2		
6.450	3.0	1.1	0.5	14.9	-9.4	0.0	0.0	19.8	-12.5		
6.460	2.5	0.9	0.4	13.9	-9.7	0.0	0.0	18.5	-12.9		
6.500	0.3	0.1	0.0	12.8	-11.3	0.0	0.0	17.0	-15.1		
6.506	0.0	0.0	0.0	11.9	-11.5	0.0	0.0	15.8	-15.3		
6.550	-2.4	-0.9	-0.5	10.6	-13.3	0.0	0.0	14.1	-17.7		
6.585	-5.1	-1.7	-0.8	8.9	-16.7	0.0	0.0	11.8	-22.2		
6.600	-5.9	-2.0	-1.0	6.3	-17.7	0.0	0.0	8.4	-23.6		
6.650	-8.6	-3.0	-1.4	5.1	-20.1	0.0	0.0	6.8	-26.8		
6.700	-11.3	-3.9	-1.9	5.1	-22.5	0.0	0.0	6.8	-30.0		
6.710	-11.8	-4.1	-2.0	5.1	-22.9	0.0	0.0	6.8	-30.4		
6.750	-13.9	-4.9	-2.4	5.3	-24.9	0.0	0.0	7.0	-33.1		
6.769	-14.9	-5.3	-2.6	5.3	-25.5	0.0	0.0	7.0	-33.9		
6.800	-16.6	-5.9	-2.9	5.5	-27.0	0.0	0.0	7.4	-35.9		
6.835	-18.9	-6.6	-3.2	8.1	-31.9	0.0	0.0	10.7	-42.5		
6.850	-19.7	-6.9	-3.4	8.5	-33.0	0.0	0.0	11.3	-43.9		
6.900	-22.4	-7.9	-3.9	8.6	-34.7	0.0	0.0	11.4	-46.1		
6.917	-23.4	-8.2	-4.0	8.5	-35.0	0.0	0.0	11.4	-46.5		
6.950	-25.3	-8.9	-4.4	8.8	-35.9	0.0	0.0	11.7	-47.7		
7.000	-28.2	-9.9	-4.8	8.8	-36.3	0.0	0.0	11.7	-48.2		
7.000	27.9	9.8	4.8	27.7	-5.6	0.0	0.0	36.9	-7.4		
7.050	25.6	9.0	4.4	28.0	-5.6	0.0	0.0	37.2	-7.4		
7.053	25.5	9.0	4.4	28.0	-5.2	0.0	0.0	37.2	-6.9		
7.100	23.3	8.2	4.0	27.2	-5.0	0.0	0.0	36.2	-6.7		
7.106	23.9	8.5	4.2	28.9	-4.7	0.0	0.0	38.5	-6.2		
7.125	23.0	8.2	4.0	28.7	-2.5	0.0	0.0	38.1	-3.3		
7.150	21.9	7.8	3.8	28.2	-2.5	0.0	0.0	37.5	-3.3		
7.200	19.8	7.0	3.4	27.1	-2.5	0.0	0.0	36.1	-3.3		
7.250	17.6	6.2	3.1	25.7	-2.6	0.0	0.0	34.2	-3.5		
7.262	17.1	6.0	3.0	25.1	-2.7	0.0	0.0	33.3	-3.7		
7.281	16.3	5.7	2.8	24.6	-2.9	0.0	0.0	32.7	-3.8		
7.300	15.5	5.4	2.7	24.1	-3.1	0.0	0.0	32.0	-4.1		
7.350	13.4	4.6	2.3	22.3	-3.6	0.0	0.0	29.7	-4.7		
7.400	11.2	3.9	1.9	20.3	-4.1	0.0	0.0	27.0	-5.5		
7.418	10.4	3.6	1.8	19.2	-5.9	0.0	0.0	25.5	-7.9		
7.450	8.2	3.0	1.5	16.3	-6.6	0.0	0.0	21.6	-8.8		
7.500	6.1	2.2	1.1	14.2	-7.9	0.0	0.0	18.9	-10.6		
7.550	4.0	1.4	0.7	12.2	-9.4	0.0	0.0	16.2	-12.5		
7.575	2.9	1.1	0.5	10.9	-10.1	0.0	0.0	14.5	-13.4		
7.600	1.8	0.7	0.3	10.1	-11.1	0.0	0.0	13.4	-14.8		
7.643	0.0	0.0	0.0	8.2	-12.4	0.0	0.0	10.9	-16.4		
7.650	-0.3	-0.1	-0.1	8.0	-12.9	0.0	0.0	10.7	-17.2		
7.700	-2.5	-0.9	-0.4	6.2	-14.8	0.0	0.0	8.2	-19.7		
7.731	-4.4	-1.5	-0.7	5.3	-18.7	0.0	0.0	7.1	-24.9		
7.750	-5.3	-1.8	-0.9	5.6	-20.0	0.0	0.0	7.5	-26.5		
7.800	-7.4	-2.6	-1.3	5.9	-22.5	0.0	0.0	7.8	-29.9		
7.850	-9.6	-3.3	-1.7	6.2	-25.0	0.0	0.0	8.3	-33.2		
7.865	-10.2	-3.6	-1.8	6.2	-25.6	0.0	0.0	8.3	-34.1		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-4 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
7.900	-11.7	-4.1	-2.0	6.6	-27.5	0.0	0.0	8.7	-36.5		
7.950	-13.8	-4.9	-2.4	6.9	-29.6	0.0	0.0	9.1	-39.4		
7.994	-15.7	-5.6	-2.8	6.9	-31.0	0.0	0.0	9.1	-41.3		
8.000	-16.0	-5.7	-2.8	6.9	-31.2	0.0	0.0	9.1	-41.5		
8.000	0.2	0.2	0.1	2.7	0.0	0.0	0.0	3.6	0.0		
8.375	0.1	0.1	0.1	2.7	0.0	0.0	0.0	3.6	0.0		
9.000	0.0	0.0	0.0	2.7	0.0	0.0	0.0	3.6	0.0		

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-5
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
0.000	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
0.625	-0.2	-0.1	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	-0.3	-0.2	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	13.3	4.8	1.4	22.9	-5.3	0.0	0.0	30.5	-7.1		
1.000	13.3	4.8	1.4	22.9	-5.3	0.0	0.0	30.5	-7.1		
1.049	11.4	4.1	1.3	22.9	-5.3	0.0	0.0	30.5	-7.1		
1.050	11.3	4.1	1.3	22.9	-5.3	0.0	0.0	30.5	-7.1		
1.100	9.4	3.4	1.2	21.4	-5.3	0.0	0.0	28.5	-7.1		
1.109	9.1	3.3	1.1	21.1	-5.3	0.0	0.0	28.0	-7.1		
1.150	7.6	2.7	1.1	20.1	-5.3	0.0	0.0	26.7	-7.1		
1.169	6.8	2.4	1.1	19.4	-5.3	0.0	0.0	25.7	-7.1		
1.200	5.7	2.0	1.1	18.5	-5.3	0.0	0.0	24.7	-7.1		
1.203	5.6	2.0	1.0	18.2	-5.3	0.0	0.0	24.1	-7.1		
1.230	4.6	1.6	1.0	17.4	-5.3	0.0	0.0	23.2	-7.1		
1.248	3.9	1.4	0.9	16.9	-5.3	0.0	0.0	22.5	-7.1		
1.250	3.8	1.3	0.9	16.9	-5.3	0.0	0.0	22.5	-7.1		
1.300	1.9	0.6	0.5	15.2	-5.3	0.0	0.0	20.2	-7.1		
1.350	0.1	0.0	0.2	13.4	-6.3	0.0	0.0	17.9	-8.4		
1.352	0.0	-0.1	0.2	13.0	-6.3	0.0	0.0	17.3	-8.4		
1.400	-1.8	-0.7	-0.2	11.7	-7.5	0.0	0.0	15.5	-10.0		
1.407	-2.9	-0.9	-0.3	11.1	-9.2	0.0	0.0	14.7	-12.3		
1.450	-4.5	-1.5	-0.6	8.3	-10.5	0.0	0.0	11.0	-14.0		
1.500	-6.4	-2.2	-0.9	6.7	-12.2	0.0	0.0	9.0	-16.3		
1.550	-8.2	-2.9	-1.3	5.3	-14.3	0.0	0.0	7.0	-19.1		
1.585	-9.6	-3.4	-1.5	4.3	-15.6	0.0	0.0	5.7	-20.7		
1.600	-10.1	-3.6	-1.6	4.1	-16.4	0.0	0.0	5.5	-21.8		
1.650	-12.0	-4.3	-2.0	3.1	-18.4	0.0	0.0	4.2	-24.4		
1.686	-13.3	-4.8	-2.2	2.6	-19.5	0.0	0.0	3.4	-25.9		
1.700	-13.9	-5.0	-2.3	2.5	-20.2	0.0	0.0	3.3	-26.9		
1.750	-15.7	-5.6	-2.6	2.2	-21.9	0.0	0.0	2.9	-29.2		
1.764	-16.6	-5.8	-2.7	3.5	-25.7	0.0	0.0	4.7	-34.2		
1.800	-18.0	-6.3	-3.0	3.7	-27.1	0.0	0.0	4.9	-36.0		
1.850	-19.9	-7.0	-3.3	3.8	-28.6	0.0	0.0	5.0	-38.0		
1.882	-21.1	-7.5	-3.5	3.8	-29.6	0.0	0.0	5.0	-39.4		
1.893	-21.5	-7.6	-3.6	3.8	-29.9	0.0	0.0	5.0	-39.8		
1.900	-21.8	-7.7	-3.7	3.9	-30.3	0.0	0.0	5.1	-40.4		
1.950	-23.8	-8.4	-4.0	3.9	-31.9	0.0	0.0	5.2	-42.4		
2.000	-25.7	-9.1	-4.4	3.9	-33.0	0.0	0.0	5.2	-43.8		
2.000	26.4	9.3	4.5	27.4	-6.0	0.0	0.0	36.4	-7.9		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.042		24.0	8.4	4.1	27.4	-6.0	0.0	0.0	36.4	-7.9		
2.050		23.5	8.3	4.0	27.4	-6.0	0.0	0.0	36.5	-7.9		
2.075		22.1	7.8	3.8	26.8	-5.8	0.0	0.0	35.7	-7.7		
2.085		22.4	7.9	3.9	28.8	-5.8	0.0	0.0	38.2	-7.7		
2.100		21.6	7.6	3.7	28.4	-4.8	0.0	0.0	37.8	-6.4		
2.150		18.9	6.6	3.2	27.1	-4.8	0.0	0.0	36.0	-6.4		
2.200		16.2	5.7	2.8	25.4	-4.8	0.0	0.0	33.7	-6.4		
2.202		16.1	5.6	2.7	25.0	-4.8	0.0	0.0	33.2	-6.4		
2.210		15.7	5.5	2.7	24.7	-4.8	0.0	0.0	32.9	-6.4		
2.250		13.5	4.7	2.3	23.4	-4.8	0.0	0.0	31.2	-6.4		
2.300		10.8	3.7	1.8	21.3	-4.8	0.0	0.0	28.4	-6.4		
2.335		9.0	3.0	1.5	19.7	-5.6	0.0	0.0	26.1	-7.5		
2.350		7.2	2.7	1.3	18.0	-6.1	0.0	0.0	24.0	-8.1		
2.400		4.6	1.7	0.8	16.0	-7.3	0.0	0.0	21.2	-9.7		
2.450		1.9	0.7	0.3	14.1	-9.0	0.0	0.0	18.7	-12.0		
2.460		1.4	0.5	0.2	13.2	-9.3	0.0	0.0	17.5	-12.3		
2.485		0.0	0.0	0.0	12.5	-9.9	0.0	0.0	16.6	-13.2		
2.500		-0.8	-0.3	-0.2	12.1	-10.8	0.0	0.0	16.1	-14.3		
2.550		-3.5	-1.3	-0.6	10.2	-12.6	0.0	0.0	13.6	-16.7		
2.585		-6.2	-2.0	-1.0	8.7	-15.7	0.0	0.0	11.6	-20.9		
2.600		-7.1	-2.3	-1.2	6.2	-16.7	0.0	0.0	8.3	-22.2		
2.650		-9.7	-3.3	-1.6	4.6	-18.8	0.0	0.0	6.1	-25.1		
2.700		-12.4	-4.3	-2.1	3.7	-21.0	0.0	0.0	4.9	-27.9		
2.710		-12.9	-4.5	-2.2	3.7	-21.3	0.0	0.0	4.9	-28.3		
2.750		-15.1	-5.3	-2.6	3.9	-23.3	0.0	0.0	5.2	-31.0		
2.766		-15.9	-5.6	-2.8	3.9	-23.9	0.0	0.0	5.2	-31.8		
2.800		-17.8	-6.3	-3.1	4.1	-25.6	0.0	0.0	5.5	-34.1		
2.835		-20.0	-7.0	-3.4	6.5	-30.3	0.0	0.0	8.6	-40.3		
2.850		-20.8	-7.3	-3.6	6.8	-31.4	0.0	0.0	9.1	-41.7		
2.888		-22.8	-8.0	-3.9	6.8	-32.6	0.0	0.0	9.1	-43.4		
2.900		-23.6	-8.3	-4.1	6.9	-33.3	0.0	0.0	9.2	-44.3		
2.917		-24.6	-8.6	-4.2	6.9	-33.7	0.0	0.0	9.2	-44.9		
2.950		-26.5	-9.3	-4.6	7.1	-34.9	0.0	0.0	9.5	-46.4		
3.000		-29.5	-10.3	-5.1	7.1	-35.7	0.0	0.0	9.5	-47.5		
3.000		27.7	9.6	4.7	26.9	-6.5	0.0	0.0	35.7	-8.7		
3.042		25.2	8.8	4.3	26.9	-6.5	0.0	0.0	35.7	-8.7		
3.050		24.8	8.7	4.3	26.9	-6.5	0.0	0.0	35.8	-8.7		
3.085		23.7	8.3	4.1	28.4	-6.3	0.0	0.0	37.7	-8.3		
3.100		22.8	8.1	4.0	28.1	-4.8	0.0	0.0	37.4	-6.4		
3.113		22.1	7.8	3.8	27.8	-4.7	0.0	0.0	37.0	-6.3		
3.150		20.1	7.1	3.5	26.8	-4.8	0.0	0.0	35.7	-6.3		
3.200		17.4	6.1	3.0	25.2	-4.8	0.0	0.0	33.5	-6.3		
3.210		16.9	5.9	2.9	24.5	-4.8	0.0	0.0	32.6	-6.3		
3.249		14.8	5.1	2.5	23.3	-4.8	0.0	0.0	31.0	-6.3		
3.250		14.7	5.1	2.5	23.2	-4.8	0.0	0.0	30.9	-6.3		
3.300		12.0	4.1	2.0	21.2	-4.8	0.0	0.0	28.2	-6.3		
3.335		10.2	3.4	1.7	19.5	-5.7	0.0	0.0	26.0	-7.6		
3.350		8.6	3.1	1.5	17.9	-6.2	0.0	0.0	23.8	-8.2		
3.400		5.9	2.1	1.0	15.9	-7.4	0.0	0.0	21.1	-9.9		
3.450		3.2	1.1	0.6	14.0	-9.1	0.0	0.0	18.6	-12.1		
3.460		2.7	1.0	0.5	13.1	-9.4	0.0	0.0	17.4	-12.5		
3.500		0.5	0.2	0.1	12.1	-10.9	0.0	0.0	16.1	-14.4		
3.510		0.0	0.0	0.0	11.2	-11.1	0.0	0.0	14.9	-14.8		
3.550		-2.1	-0.8	-0.4	10.2	-12.6	0.0	0.0	13.5	-16.8		
3.585		-4.9	-1.6	-0.8	8.6	-15.8	0.0	0.0	11.5	-21.0		
3.600		-5.7	-1.9	-0.9	6.2	-16.8	0.0	0.0	8.2	-22.3		
3.650		-8.4	-2.9	-1.4	5.0	-18.9	0.0	0.0	6.7	-25.1		
3.700		-11.0	-3.9	-1.9	5.1	-21.0	0.0	0.0	6.7	-27.9		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-5 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
3.710	-11.6	-4.1	-2.0	5.1	-21.3	0.0	0.0	6.7	-28.4		
3.750	-13.7	-4.9	-2.4	5.3	-23.4	0.0	0.0	7.0	-31.1		
3.765	-14.5	-5.1	-2.5	5.3	-23.9	0.0	0.0	7.0	-31.8		
3.800	-16.4	-5.8	-2.9	5.5	-25.7	0.0	0.0	7.3	-34.1		
3.835	-18.6	-6.5	-3.2	8.0	-30.4	0.0	0.0	10.7	-40.4		
3.850	-19.5	-6.8	-3.3	8.4	-31.4	0.0	0.0	11.1	-41.8		
3.887	-21.5	-7.5	-3.7	8.4	-32.6	0.0	0.0	11.1	-43.4		
3.900	-22.2	-7.8	-3.8	8.4	-33.3	0.0	0.0	11.2	-44.3		
3.917	-23.2	-8.2	-4.0	8.4	-33.8	0.0	0.0	11.2	-44.9		
3.950	-25.1	-8.8	-4.3	8.7	-34.9	0.0	0.0	11.6	-46.4		
4.000	-28.1	-9.8	-4.8	8.7	-35.8	0.0	0.0	11.5	-47.6		
4.000	27.4	9.5	4.7	26.9	-6.5	0.0	0.0	35.7	-8.7		
4.042	24.9	8.7	4.3	26.9	-6.5	0.0	0.0	35.7	-8.7		
4.050	24.4	8.6	4.2	26.9	-6.5	0.0	0.0	35.8	-8.7		
4.085	23.3	8.2	4.0	28.4	-6.3	0.0	0.0	37.7	-8.3		
4.100	22.4	7.9	3.9	28.1	-4.8	0.0	0.0	37.4	-6.4		
4.112	21.7	7.7	3.8	27.8	-4.7	0.0	0.0	37.0	-6.3		
4.150	19.7	6.9	3.4	26.8	-4.8	0.0	0.0	35.7	-6.3		
4.200	17.0	6.0	2.9	25.2	-4.8	0.0	0.0	33.5	-6.3		
4.210	16.5	5.8	2.8	24.5	-4.8	0.0	0.0	32.6	-6.3		
4.234	15.2	5.3	2.6	23.7	-4.8	0.0	0.0	31.6	-6.3		
4.250	14.3	5.0	2.4	23.2	-4.8	0.0	0.0	30.9	-6.3		
4.300	11.7	4.0	2.0	21.2	-4.8	0.0	0.0	28.2	-6.3		
4.335	9.8	3.3	1.6	19.5	-5.7	0.0	0.0	26.0	-7.6		
4.350	8.2	3.0	1.5	17.9	-6.2	0.0	0.0	23.8	-8.2		
4.400	5.5	2.0	1.0	15.9	-7.4	0.0	0.0	21.1	-9.9		
4.450	2.8	1.0	0.5	14.0	-9.1	0.0	0.0	18.6	-12.1		
4.460	2.3	0.8	0.4	13.1	-9.4	0.0	0.0	17.4	-12.5		
4.500	0.1	0.0	0.0	12.1	-10.9	0.0	0.0	16.1	-14.4		
4.503	0.0	0.0	0.0	11.4	-10.9	0.0	0.0	15.1	-14.5		
4.550	-2.5	-1.0	-0.5	10.2	-12.6	0.0	0.0	13.5	-16.8		
4.585	-5.3	-1.7	-0.8	8.6	-15.8	0.0	0.0	11.5	-21.0		
4.600	-6.1	-2.0	-1.0	6.2	-16.8	0.0	0.0	8.2	-22.3		
4.650	-8.8	-3.0	-1.5	5.1	-18.9	0.0	0.0	6.7	-25.1		
4.700	-11.5	-4.0	-2.0	5.1	-21.0	0.0	0.0	6.8	-27.9		
4.710	-12.0	-4.2	-2.1	5.1	-21.3	0.0	0.0	6.8	-28.4		
4.750	-14.1	-5.0	-2.4	5.3	-23.4	0.0	0.0	7.0	-31.1		
4.765	-14.9	-5.3	-2.6	5.3	-23.9	0.0	0.0	7.0	-31.8		
4.800	-16.8	-6.0	-2.9	5.5	-25.7	0.0	0.0	7.3	-34.1		
4.835	-19.0	-6.7	-3.3	8.0	-30.4	0.0	0.0	10.7	-40.4		
4.850	-19.9	-6.9	-3.4	8.4	-31.4	0.0	0.0	11.1	-41.8		
4.887	-21.9	-7.7	-3.8	8.4	-32.6	0.0	0.0	11.1	-43.4		
4.900	-22.6	-8.0	-3.9	8.4	-33.3	0.0	0.0	11.2	-44.3		
4.917	-23.6	-8.3	-4.1	8.4	-33.8	0.0	0.0	11.2	-44.9		
4.950	-25.6	-9.0	-4.4	8.7	-34.9	0.0	0.0	11.6	-46.4		
5.000	-28.5	-9.9	-4.9	8.7	-35.8	0.0	0.0	11.6	-47.6		
5.000	27.5	9.6	4.7	26.9	-6.5	0.0	0.0	35.7	-8.7		
5.042	25.0	8.7	4.3	26.9	-6.5	0.0	0.0	35.7	-8.7		
5.050	24.5	8.6	4.2	26.9	-6.5	0.0	0.0	35.8	-8.7		
5.085	23.4	8.2	4.0	28.4	-6.3	0.0	0.0	37.7	-8.3		
5.100	22.5	8.0	3.9	28.1	-4.8	0.0	0.0	37.4	-6.3		
5.112	21.8	7.7	3.8	27.8	-4.7	0.0	0.0	37.0	-6.3		
5.150	19.8	7.0	3.4	26.8	-4.7	0.0	0.0	35.7	-6.3		
5.200	17.1	6.0	2.9	25.1	-4.8	0.0	0.0	33.4	-6.3		
5.210	16.6	5.8	2.9	24.5	-4.8	0.0	0.0	32.6	-6.3		
5.239	15.0	5.2	2.6	23.6	-4.8	0.0	0.0	31.4	-6.3		
5.250	14.4	5.0	2.5	23.2	-4.8	0.0	0.0	30.9	-6.3		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
5.300		11.7	4.0	2.0	21.2	-4.8	0.0	0.0	28.2	-6.3		
5.335		9.9	3.4	1.6	19.5	-5.7	0.0	0.0	26.0	-7.6		
5.350		8.3	3.0	1.5	17.9	-6.2	0.0	0.0	23.8	-8.2		
5.400		5.6	2.0	1.0	15.9	-7.4	0.0	0.0	21.1	-9.9		
5.450		2.9	1.0	0.5	14.0	-9.1	0.0	0.0	18.6	-12.1		
5.460		2.4	0.9	0.4	13.1	-9.4	0.0	0.0	17.4	-12.5		
5.500		0.2	0.1	0.0	12.1	-10.9	0.0	0.0	16.1	-14.4		
5.504		0.0	0.0	0.0	11.3	-11.0	0.0	0.0	15.1	-14.6		
5.550		-2.4	-0.9	-0.5	10.2	-12.6	0.0	0.0	13.5	-16.8		
5.585		-5.2	-1.7	-0.8	8.6	-15.8	0.0	0.0	11.5	-21.0		
5.600		-6.0	-2.0	-1.0	6.2	-16.8	0.0	0.0	8.2	-22.3		
5.650		-8.7	-3.0	-1.5	5.1	-18.9	0.0	0.0	6.7	-25.1		
5.700		-11.4	-4.0	-1.9	5.1	-21.0	0.0	0.0	6.8	-27.9		
5.710		-11.9	-4.2	-2.0	5.1	-21.3	0.0	0.0	6.8	-28.4		
5.750		-14.0	-5.0	-2.4	5.3	-23.4	0.0	0.0	7.0	-31.1		
5.764		-14.8	-5.2	-2.6	5.3	-23.9	0.0	0.0	7.0	-31.8		
5.800		-16.7	-5.9	-2.9	5.5	-25.7	0.0	0.0	7.3	-34.1		
5.835		-18.9	-6.6	-3.2	8.0	-30.4	0.0	0.0	10.7	-40.4		
5.850		-19.8	-6.9	-3.4	8.4	-31.4	0.0	0.0	11.1	-41.8		
5.888		-21.8	-7.6	-3.8	8.4	-32.6	0.0	0.0	11.1	-43.4		
5.900		-22.5	-7.9	-3.9	8.4	-33.3	0.0	0.0	11.2	-44.3		
5.917		-23.5	-8.3	-4.1	8.4	-33.8	0.0	0.0	11.2	-44.9		
5.950		-25.5	-8.9	-4.4	8.7	-34.9	0.0	0.0	11.6	-46.4		
6.000		-28.4	-9.9	-4.9	8.7	-35.8	0.0	0.0	11.6	-47.6		
6.000		27.5	9.6	4.7	26.9	-6.1	0.0	0.0	35.7	-8.1		
6.042		25.1	8.7	4.3	26.9	-6.1	0.0	0.0	35.7	-8.1		
6.050		24.6	8.6	4.2	26.9	-6.1	0.0	0.0	35.8	-8.1		
6.085		23.5	8.3	4.1	28.4	-5.8	0.0	0.0	37.7	-7.7		
6.100		22.6	8.0	3.9	28.1	-4.2	0.0	0.0	37.4	-5.6		
6.112		21.9	7.7	3.8	27.8	-4.1	0.0	0.0	37.0	-5.5		
6.150		19.9	7.0	3.4	26.8	-4.2	0.0	0.0	35.7	-5.6		
6.200		17.2	6.0	2.9	25.1	-4.2	0.0	0.0	33.4	-5.6		
6.210		16.7	5.8	2.9	24.5	-4.2	0.0	0.0	32.6	-5.6		
6.237		15.2	5.3	2.6	23.6	-4.2	0.0	0.0	31.4	-5.6		
6.250		14.5	5.0	2.5	23.2	-4.2	0.0	0.0	30.9	-5.6		
6.300		11.8	4.1	2.0	21.2	-4.1	0.0	0.0	28.2	-5.5		
6.335		10.0	3.4	1.6	19.5	-5.8	0.0	0.0	25.9	-7.7		
6.350		8.3	3.0	1.5	17.9	-6.2	0.0	0.0	23.8	-8.3		
6.400		5.7	2.0	1.0	15.9	-7.4	0.0	0.0	21.1	-9.9		
6.450		3.0	1.1	0.5	14.0	-9.1	0.0	0.0	18.6	-12.1		
6.460		2.5	0.9	0.4	13.1	-9.4	0.0	0.0	17.4	-12.5		
6.500		0.3	0.1	0.0	12.1	-10.9	0.0	0.0	16.0	-14.4		
6.506		0.0	0.0	0.0	11.3	-11.0	0.0	0.0	15.0	-14.7		
6.550		-2.4	-0.9	-0.5	10.2	-12.6	0.0	0.0	13.5	-16.8		
6.585		-5.1	-1.7	-0.8	8.6	-15.8	0.0	0.0	11.5	-21.0		
6.600		-5.9	-2.0	-1.0	6.1	-16.8	0.0	0.0	8.2	-22.3		
6.650		-8.6	-3.0	-1.4	5.1	-18.9	0.0	0.0	6.7	-25.1		
6.700		-11.3	-3.9	-1.9	5.1	-21.0	0.0	0.0	6.8	-27.9		
6.710		-11.8	-4.1	-2.0	5.1	-21.3	0.0	0.0	6.8	-28.4		
6.750		-13.9	-4.9	-2.4	5.2	-23.4	0.0	0.0	6.9	-31.1		
6.769		-14.9	-5.3	-2.6	5.2	-24.0	0.0	0.0	6.9	-32.0		
6.800		-16.6	-5.9	-2.9	5.4	-25.7	0.0	0.0	7.2	-34.1		
6.835		-18.9	-6.6	-3.2	8.0	-30.4	0.0	0.0	10.6	-40.4		
6.850		-19.7	-6.9	-3.4	8.3	-31.4	0.0	0.0	11.1	-41.8		
6.900		-22.4	-7.9	-3.9	8.4	-33.4	0.0	0.0	11.2	-44.4		
6.917		-23.4	-8.2	-4.0	8.4	-33.8	0.0	0.0	11.2	-45.0		
6.950		-25.3	-8.9	-4.4	8.7	-35.0	0.0	0.0	11.5	-46.5		
7.000		-28.2	-9.9	-4.8	8.7	-35.8	0.0	0.0	11.5	-47.6		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
7.000	27.9	9.8	4.8	27.0	-5.6	0.0	0.0	35.9	-7.4		
7.050	25.6	9.0	4.4	27.2	-5.6	0.0	0.0	36.2	-7.4		
7.053	25.5	9.0	4.4	27.2	-5.2	0.0	0.0	36.2	-6.9		
7.100	23.3	8.2	4.0	26.4	-5.0	0.0	0.0	35.1	-6.6		
7.106	23.9	8.5	4.2	28.3	-4.6	0.0	0.0	37.6	-6.1		
7.125	23.0	8.2	4.0	27.9	-2.4	0.0	0.0	37.1	-3.2		
7.150	21.9	7.8	3.8	27.3	-2.5	0.0	0.0	36.3	-3.3		
7.200	19.8	7.0	3.4	26.0	-2.5	0.0	0.0	34.6	-3.3		
7.250	17.6	6.2	3.1	24.4	-2.7	0.0	0.0	32.5	-3.6		
7.262	17.1	6.0	3.0	23.8	-2.8	0.0	0.0	31.7	-3.7		
7.281	16.3	5.7	2.8	23.2	-2.9	0.0	0.0	30.9	-3.9		
7.300	15.5	5.4	2.7	22.6	-3.1	0.0	0.0	30.1	-4.2		
7.350	13.4	4.6	2.3	20.9	-3.5	0.0	0.0	27.7	-4.7		
7.400	11.2	3.9	1.9	19.2	-4.0	0.0	0.0	25.5	-5.3		
7.418	10.4	3.6	1.8	18.2	-5.8	0.0	0.0	24.3	-7.7		
7.450	8.2	3.0	1.5	15.5	-6.4	0.0	0.0	20.7	-8.5		
7.500	6.1	2.2	1.1	13.7	-7.7	0.0	0.0	18.2	-10.2		
7.550	4.0	1.4	0.7	11.7	-9.2	0.0	0.0	15.5	-12.2		
7.575	2.9	1.1	0.5	10.4	-9.8	0.0	0.0	13.8	-13.0		
7.600	1.8	0.7	0.3	9.6	-10.7	0.0	0.0	12.7	-14.3		
7.643	0.0	0.0	0.0	7.9	-11.8	0.0	0.0	10.6	-15.7		
7.650	-0.3	-0.1	-0.1	7.8	-12.4	0.0	0.0	10.4	-16.5		
7.700	-2.5	-0.9	-0.4	6.3	-14.2	0.0	0.0	8.4	-18.8		
7.731	-4.4	-1.5	-0.7	5.2	-17.8	0.0	0.0	7.0	-23.7		
7.750	-5.3	-1.8	-0.9	5.5	-19.0	0.0	0.0	7.4	-25.2		
7.800	-7.4	-2.6	-1.3	5.8	-21.4	0.0	0.0	7.7	-28.4		
7.850	-9.6	-3.3	-1.7	6.1	-23.7	0.0	0.0	8.1	-31.5		
7.865	-10.2	-3.6	-1.8	6.1	-24.1	0.0	0.0	8.1	-32.1		
7.900	-11.7	-4.1	-2.0	6.4	-25.6	0.0	0.0	8.6	-34.0		
7.950	-13.8	-4.9	-2.4	6.7	-27.8	0.0	0.0	9.0	-36.9		
7.994	-15.7	-5.6	-2.8	6.7	-29.3	0.0	0.0	9.0	-39.0		
8.000	-16.0	-5.7	-2.8	6.7	-29.5	0.0	0.0	9.0	-39.3		
8.000	0.2	0.2	0.1	2.4	0.0	0.0	0.0	3.2	0.0		
8.375	0.1	0.1	0.1	2.4	0.0	0.0	0.0	3.2	0.0		
9.000	0.0	0.0	0.0	2.4	0.0	0.0	0.0	3.2	0.0		

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
0.000	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.3	-0.1		
0.625	-0.2	-0.1	0.0	0.2	-0.1	0.0	0.0	0.3	-0.1		
1.000	-0.3	-0.2	0.0	0.2	-0.1	0.0	0.0	0.3	-0.1		
1.000	13.3	4.8	1.4	24.1	-5.0	0.0	0.0	32.0	-6.7		
1.000	13.3	4.8	1.4	24.1	-5.0	0.0	0.0	32.0	-6.7		
1.049	11.4	4.1	1.3	24.1	-5.0	0.0	0.0	32.0	-6.7		
1.050	11.3	4.1	1.3	24.1	-5.0	0.0	0.0	32.0	-6.7		
1.100	9.4	3.4	1.2	23.1	-5.1	0.0	0.0	30.7	-6.7		
1.109	9.1	3.3	1.1	22.8	-5.1	0.0	0.0	30.3	-6.7		
1.150	7.6	2.7	1.1	22.0	-5.1	0.0	0.0	29.2	-6.7		
1.169	6.8	2.4	1.1	21.3	-5.1	0.0	0.0	28.3	-6.7		
1.200	5.7	2.0	1.1	20.6	-5.1	0.0	0.0	27.3	-6.7		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
1.203	5.6	2.0	1.0	20.1	-5.0	0.0	0.0	26.7	-6.7		
1.230	4.6	1.6	1.0	19.4	-5.0	0.0	0.0	25.9	-6.7		
1.248	3.9	1.4	0.9	19.0	-5.0	0.0	0.0	25.3	-6.7		
1.250	3.8	1.3	0.9	19.0	-5.0	0.0	0.0	25.2	-6.7		
1.300	1.9	0.6	0.5	17.3	-6.2	0.0	0.0	23.0	-8.3		
1.350	0.1	0.0	0.2	15.5	-7.9	0.0	0.0	20.6	-10.5		
1.352	0.0	-0.1	0.2	15.0	-8.0	0.0	0.0	19.9	-10.6		
1.400	-1.8	-0.7	-0.2	13.7	-9.6	0.0	0.0	18.2	-12.8		
1.407	-2.9	-0.9	-0.3	13.0	-11.8	0.0	0.0	17.2	-15.7		
1.450	-4.5	-1.5	-0.6	9.8	-13.6	0.0	0.0	13.1	-18.1		
1.500	-6.4	-2.2	-0.9	8.2	-15.6	0.0	0.0	10.9	-20.8		
1.550	-8.2	-2.9	-1.3	6.7	-17.6	0.0	0.0	8.9	-23.4		
1.585	-9.6	-3.4	-1.5	5.5	-18.6	0.0	0.0	7.3	-24.7		
1.600	-10.1	-3.6	-1.6	5.3	-19.4	0.0	0.0	7.0	-25.9		
1.650	-12.0	-4.3	-2.0	3.9	-21.2	0.0	0.0	5.2	-28.2		
1.686	-13.3	-4.8	-2.2	3.1	-22.0	0.0	0.0	4.2	-29.3		
1.700	-13.9	-5.0	-2.3	3.0	-22.8	0.0	0.0	4.0	-30.3		
1.750	-15.7	-5.6	-2.6	2.3	-24.2	0.0	0.0	3.1	-32.2		
1.764	-16.6	-5.8	-2.7	3.6	-28.3	0.0	0.0	4.8	-37.7		
1.800	-18.0	-6.3	-3.0	3.8	-29.4	0.0	0.0	5.1	-39.2		
1.850	-19.9	-7.0	-3.3	4.0	-30.6	0.0	0.0	5.3	-40.6		
1.882	-21.1	-7.5	-3.5	4.0	-30.9	0.0	0.0	5.3	-41.0		
1.893	-21.5	-7.6	-3.6	4.0	-30.9	0.0	0.0	5.3	-41.2		
1.900	-21.8	-7.7	-3.7	4.1	-31.3	0.0	0.0	5.4	-41.6		
1.950	-23.8	-8.4	-4.0	4.3	-31.6	0.0	0.0	5.7	-42.0		
2.000	-25.7	-9.1	-4.4	4.3	-31.6	0.0	0.0	5.7	-42.0		
2.000	26.4	9.3	4.5	25.8	-6.0	0.0	0.0	34.4	-8.0		
2.042	24.0	8.4	4.1	25.8	-6.0	0.0	0.0	34.4	-8.0		
2.050	23.5	8.3	4.0	25.8	-6.0	0.0	0.0	34.4	-8.0		
2.075	22.1	7.8	3.8	25.7	-5.8	0.0	0.0	34.2	-7.7		
2.085	22.4	7.9	3.9	26.8	-5.8	0.0	0.0	35.7	-7.7		
2.100	21.6	7.6	3.7	26.8	-4.7	0.0	0.0	35.6	-6.2		
2.150	18.9	6.6	3.2	26.2	-4.6	0.0	0.0	34.9	-6.1		
2.200	16.2	5.7	2.8	25.3	-4.6	0.0	0.0	33.6	-6.1		
2.202	16.1	5.6	2.7	24.7	-4.5	0.0	0.0	32.8	-6.0		
2.210	15.7	5.5	2.7	24.6	-4.5	0.0	0.0	32.7	-6.0		
2.250	13.5	4.7	2.3	24.1	-4.6	0.0	0.0	32.0	-6.1		
2.300	10.8	3.7	1.8	22.6	-4.6	0.0	0.0	30.0	-6.1		
2.335	9.0	3.0	1.5	21.2	-6.9	0.0	0.0	28.2	-9.2		
2.350	7.2	2.7	1.3	18.8	-7.5	0.0	0.0	25.0	-10.0		
2.400	4.6	1.7	0.8	17.2	-9.0	0.0	0.0	22.9	-12.0		
2.450	1.9	0.7	0.3	15.5	-10.7	0.0	0.0	20.6	-14.3		
2.460	1.4	0.5	0.2	14.5	-11.0	0.0	0.0	19.3	-14.6		
2.485	0.0	0.0	0.0	14.0	-11.6	0.0	0.0	18.6	-15.4		
2.500	-0.8	-0.3	-0.2	13.7	-12.5	0.0	0.0	18.2	-16.6		
2.550	-3.5	-1.3	-0.6	11.8	-14.2	0.0	0.0	15.7	-18.9		
2.585	-6.2	-2.0	-1.0	10.2	-17.7	0.0	0.0	13.5	-23.6		
2.600	-7.1	-2.3	-1.2	7.2	-18.8	0.0	0.0	9.6	-25.0		
2.650	-9.7	-3.3	-1.6	5.6	-20.8	0.0	0.0	7.4	-27.7		
2.700	-12.4	-4.3	-2.1	4.3	-22.8	0.0	0.0	5.8	-30.4		
2.710	-12.9	-4.5	-2.2	3.8	-23.1	0.0	0.0	5.1	-30.7		
2.750	-15.1	-5.3	-2.6	4.0	-24.6	0.0	0.0	5.3	-32.8		
2.766	-15.9	-5.6	-2.8	4.0	-25.0	0.0	0.0	5.3	-33.2		
2.800	-17.8	-6.3	-3.1	4.2	-26.2	0.0	0.0	5.6	-34.9		
2.835	-20.0	-7.0	-3.4	6.5	-30.9	0.0	0.0	8.7	-41.1		
2.850	-20.8	-7.3	-3.6	6.9	-31.7	0.0	0.0	9.1	-42.2		
2.888	-22.8	-8.0	-3.9	6.9	-32.0	0.0	0.0	9.1	-42.6		
2.900	-23.6	-8.3	-4.1	7.0	-32.6	0.0	0.0	9.3	-43.3		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.917	-24.6	-8.6	-4.2	7.0	-32.6	0.0	0.0	9.3	-43.3		
2.950	-26.5	-9.3	-4.6	7.2	-32.9	0.0	0.0	9.6	-43.7		
3.000	-29.5	-10.3	-5.1	7.2	-33.0	0.0	0.0	9.6	-43.8		
3.000	27.7	9.6	4.7	25.5	-6.4	0.0	0.0	33.9	-8.5		
3.042	25.2	8.8	4.3	25.5	-6.4	0.0	0.0	33.9	-8.5		
3.050	24.8	8.7	4.3	25.5	-6.4	0.0	0.0	33.9	-8.5		
3.085	23.7	8.3	4.1	26.5	-6.2	0.0	0.0	35.3	-8.2		
3.100	22.8	8.1	4.0	26.5	-4.7	0.0	0.0	35.2	-6.2		
3.113	22.1	7.8	3.8	26.3	-4.5	0.0	0.0	34.9	-6.0		
3.150	20.1	7.1	3.5	26.0	-4.6	0.0	0.0	34.5	-6.1		
3.200	17.4	6.1	3.0	25.0	-4.6	0.0	0.0	33.3	-6.1		
3.210	16.9	5.9	2.9	24.4	-4.5	0.0	0.0	32.4	-6.0		
3.249	14.8	5.1	2.5	23.9	-4.5	0.0	0.0	31.7	-6.0		
3.250	14.7	5.1	2.5	23.8	-4.5	0.0	0.0	31.7	-6.0		
3.300	12.0	4.1	2.0	22.4	-4.5	0.0	0.0	29.8	-6.0		
3.335	10.2	3.4	1.7	21.0	-7.0	0.0	0.0	28.0	-9.4		
3.350	8.6	3.1	1.5	18.7	-7.6	0.0	0.0	24.9	-10.1		
3.400	5.9	2.1	1.0	17.1	-9.1	0.0	0.0	22.8	-12.1		
3.450	3.2	1.1	0.6	15.4	-10.8	0.0	0.0	20.5	-14.4		
3.460	2.7	1.0	0.5	14.4	-11.1	0.0	0.0	19.2	-14.7		
3.500	0.5	0.2	0.1	13.6	-12.5	0.0	0.0	18.1	-16.7		
3.510	0.0	0.0	0.0	12.6	-12.8	0.0	0.0	16.8	-17.0		
3.550	-2.1	-0.8	-0.4	11.7	-14.3	0.0	0.0	15.6	-19.0		
3.585	-4.9	-1.6	-0.8	10.1	-17.8	0.0	0.0	13.5	-23.6		
3.600	-5.7	-1.9	-0.9	7.2	-18.8	0.0	0.0	9.6	-25.0		
3.650	-8.4	-2.9	-1.4	5.5	-20.9	0.0	0.0	7.4	-27.8		
3.700	-11.0	-3.9	-1.9	4.9	-22.9	0.0	0.0	6.5	-30.4		
3.710	-11.6	-4.1	-2.0	4.9	-23.1	0.0	0.0	6.5	-30.7		
3.750	-13.7	-4.9	-2.4	5.1	-24.7	0.0	0.0	6.8	-32.8		
3.765	-14.5	-5.1	-2.5	5.1	-25.0	0.0	0.0	6.8	-33.2		
3.800	-16.4	-5.8	-2.9	5.3	-26.2	0.0	0.0	7.1	-34.9		
3.835	-18.6	-6.5	-3.2	7.8	-30.9	0.0	0.0	10.3	-41.1		
3.850	-19.5	-6.8	-3.3	8.1	-31.7	0.0	0.0	10.8	-42.2		
3.887	-21.5	-7.5	-3.7	8.1	-32.1	0.0	0.0	10.8	-42.6		
3.900	-22.2	-7.8	-3.8	8.2	-32.6	0.0	0.0	10.9	-43.3		
3.917	-23.2	-8.2	-4.0	8.2	-32.6	0.0	0.0	10.9	-43.3		
3.950	-25.1	-8.8	-4.3	8.5	-32.9	0.0	0.0	11.2	-43.8		
4.000	-28.1	-9.8	-4.8	8.5	-33.0	0.0	0.0	11.2	-43.8		
4.000	27.4	9.5	4.7	25.5	-6.4	0.0	0.0	33.9	-8.5		
4.042	24.9	8.7	4.3	25.5	-6.4	0.0	0.0	33.9	-8.5		
4.050	24.4	8.6	4.2	25.5	-6.4	0.0	0.0	33.9	-8.5		
4.085	23.3	8.2	4.0	26.5	-6.2	0.0	0.0	35.3	-8.2		
4.100	22.4	7.9	3.9	26.5	-4.7	0.0	0.0	35.2	-6.2		
4.112	21.7	7.7	3.8	26.3	-4.5	0.0	0.0	34.9	-6.0		
4.150	19.7	6.9	3.4	26.0	-4.6	0.0	0.0	34.5	-6.1		
4.200	17.0	6.0	2.9	25.0	-4.6	0.0	0.0	33.3	-6.1		
4.210	16.5	5.8	2.8	24.4	-4.5	0.0	0.0	32.4	-6.0		
4.234	15.2	5.3	2.6	24.1	-4.5	0.0	0.0	32.0	-6.0		
4.250	14.3	5.0	2.4	23.8	-4.5	0.0	0.0	31.7	-6.0		
4.300	11.7	4.0	2.0	22.4	-4.5	0.0	0.0	29.8	-6.0		
4.335	9.8	3.3	1.6	21.0	-7.1	0.0	0.0	27.9	-9.4		
4.350	8.2	3.0	1.5	18.7	-7.6	0.0	0.0	24.9	-10.1		
4.400	5.5	2.0	1.0	17.1	-9.1	0.0	0.0	22.8	-12.2		
4.450	2.8	1.0	0.5	15.4	-10.8	0.0	0.0	20.5	-14.4		
4.460	2.3	0.8	0.4	14.4	-11.1	0.0	0.0	19.2	-14.7		
4.500	0.1	0.0	0.0	13.6	-12.6	0.0	0.0	18.1	-16.7		
4.503	0.0	0.0	0.0	12.8	-12.6	0.0	0.0	17.0	-16.8		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)
4.550	-2.5	-1.0	-0.5	11.7	-14.3	0.0	0.0	15.6	-19.0		
4.585	-5.3	-1.7	-0.8	10.1	-17.8	0.0	0.0	13.5	-23.6		
4.600	-6.1	-2.0	-1.0	7.2	-18.8	0.0	0.0	9.6	-25.0		
4.650	-8.8	-3.0	-1.5	5.5	-20.9	0.0	0.0	7.4	-27.8		
4.700	-11.5	-4.0	-2.0	4.9	-22.9	0.0	0.0	6.6	-30.4		
4.710	-12.0	-4.2	-2.1	4.9	-23.1	0.0	0.0	6.6	-30.7		
4.750	-14.1	-5.0	-2.4	5.1	-24.7	0.0	0.0	6.8	-32.8		
4.765	-14.9	-5.3	-2.6	5.1	-25.0	0.0	0.0	6.8	-33.2		
4.800	-16.8	-6.0	-2.9	5.4	-26.2	0.0	0.0	7.1	-34.9		
4.835	-19.0	-6.7	-3.3	7.8	-30.9	0.0	0.0	10.3	-41.1		
4.850	-19.9	-6.9	-3.4	8.1	-31.7	0.0	0.0	10.8	-42.2		
4.887	-21.9	-7.7	-3.8	8.1	-32.1	0.0	0.0	10.8	-42.6		
4.900	-22.6	-8.0	-3.9	8.2	-32.6	0.0	0.0	10.9	-43.3		
4.917	-23.6	-8.3	-4.1	8.2	-32.6	0.0	0.0	10.9	-43.3		
4.950	-25.6	-9.0	-4.4	8.5	-32.9	0.0	0.0	11.3	-43.8		
5.000	-28.5	-9.9	-4.9	8.5	-33.0	0.0	0.0	11.3	-43.8		
5.000	27.5	9.6	4.7	25.5	-6.4	0.0	0.0	33.9	-8.5		
5.042	25.0	8.7	4.3	25.5	-6.4	0.0	0.0	33.9	-8.5		
5.050	24.5	8.6	4.2	25.5	-6.4	0.0	0.0	33.9	-8.5		
5.085	23.4	8.2	4.0	26.5	-6.1	0.0	0.0	35.3	-8.2		
5.100	22.5	8.0	3.9	26.5	-4.7	0.0	0.0	35.2	-6.2		
5.112	21.8	7.7	3.8	26.3	-4.5	0.0	0.0	34.9	-6.0		
5.150	19.8	7.0	3.4	26.0	-4.6	0.0	0.0	34.5	-6.1		
5.200	17.1	6.0	2.9	25.0	-4.6	0.0	0.0	33.3	-6.1		
5.210	16.6	5.8	2.9	24.4	-4.5	0.0	0.0	32.4	-6.0		
5.239	15.0	5.2	2.6	24.0	-4.5	0.0	0.0	31.9	-6.0		
5.250	14.4	5.0	2.5	23.8	-4.5	0.0	0.0	31.7	-6.0		
5.300	11.7	4.0	2.0	22.4	-4.5	0.0	0.0	29.8	-6.0		
5.335	9.9	3.4	1.6	21.0	-7.1	0.0	0.0	27.9	-9.4		
5.350	8.3	3.0	1.5	18.7	-7.6	0.0	0.0	24.9	-10.1		
5.400	5.6	2.0	1.0	17.1	-9.1	0.0	0.0	22.8	-12.2		
5.450	2.9	1.0	0.5	15.4	-10.8	0.0	0.0	20.5	-14.4		
5.460	2.4	0.9	0.4	14.4	-11.1	0.0	0.0	19.2	-14.7		
5.500	0.2	0.1	0.0	13.6	-12.6	0.0	0.0	18.1	-16.7		
5.504	0.0	0.0	0.0	12.7	-12.7	0.0	0.0	16.9	-16.8		
5.550	-2.4	-0.9	-0.5	11.7	-14.3	0.0	0.0	15.6	-19.0		
5.585	-5.2	-1.7	-0.8	10.1	-17.8	0.0	0.0	13.5	-23.6		
5.600	-6.0	-2.0	-1.0	7.2	-18.8	0.0	0.0	9.6	-25.0		
5.650	-8.7	-3.0	-1.5	5.5	-20.9	0.0	0.0	7.4	-27.8		
5.700	-11.4	-4.0	-1.9	4.9	-22.9	0.0	0.0	6.6	-30.4		
5.710	-11.9	-4.2	-2.0	4.9	-23.1	0.0	0.0	6.6	-30.7		
5.750	-14.0	-5.0	-2.4	5.1	-24.7	0.0	0.0	6.8	-32.8		
5.764	-14.8	-5.2	-2.6	5.1	-25.0	0.0	0.0	6.8	-33.2		
5.800	-16.7	-5.9	-2.9	5.3	-26.2	0.0	0.0	7.1	-34.9		
5.835	-18.9	-6.6	-3.2	7.8	-30.9	0.0	0.0	10.3	-41.1		
5.850	-19.8	-6.9	-3.4	8.1	-31.7	0.0	0.0	10.8	-42.2		
5.888	-21.8	-7.6	-3.8	8.1	-32.1	0.0	0.0	10.8	-42.6		
5.900	-22.5	-7.9	-3.9	8.2	-32.6	0.0	0.0	10.9	-43.3		
5.917	-23.5	-8.3	-4.1	8.2	-32.6	0.0	0.0	10.9	-43.3		
5.950	-25.5	-8.9	-4.4	8.5	-32.9	0.0	0.0	11.3	-43.8		
6.000	-28.4	-9.9	-4.9	8.5	-33.0	0.0	0.0	11.3	-43.8		
6.000	27.5	9.6	4.7	25.5	-6.1	0.0	0.0	33.9	-8.1		
6.042	25.1	8.7	4.3	25.5	-6.1	0.0	0.0	33.9	-8.1		
6.050	24.6	8.6	4.2	25.5	-6.1	0.0	0.0	33.9	-8.1		
6.085	23.5	8.3	4.1	26.5	-5.8	0.0	0.0	35.3	-7.7		
6.100	22.6	8.0	3.9	26.5	-4.3	0.0	0.0	35.2	-5.7		
6.112	21.9	7.7	3.8	26.3	-4.1	0.0	0.0	34.9	-5.4		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.150		19.9	7.0	3.4	26.0	-4.2	0.0	0.0	34.5	-5.5		
6.200		17.2	6.0	2.9	25.0	-4.2	0.0	0.0	33.3	-5.5		
6.210		16.7	5.8	2.9	24.4	-4.1	0.0	0.0	32.4	-5.5		
6.237		15.2	5.3	2.6	24.0	-4.1	0.0	0.0	32.0	-5.5		
6.250		14.5	5.0	2.5	23.8	-4.1	0.0	0.0	31.7	-5.5		
6.300		11.8	4.1	2.0	22.4	-4.4	0.0	0.0	29.8	-5.8		
6.335		10.0	3.4	1.6	21.0	-7.1	0.0	0.0	27.9	-9.4		
6.350		8.3	3.0	1.5	18.7	-7.6	0.0	0.0	24.9	-10.2		
6.400		5.7	2.0	1.0	17.1	-9.1	0.0	0.0	22.8	-12.1		
6.450		3.0	1.1	0.5	15.4	-10.8	0.0	0.0	20.5	-14.4		
6.460		2.5	0.9	0.4	14.4	-11.1	0.0	0.0	19.2	-14.7		
6.500		0.3	0.1	0.0	13.6	-12.5	0.0	0.0	18.1	-16.7		
6.506		0.0	0.0	0.0	12.7	-12.7	0.0	0.0	16.9	-16.9		
6.550		-2.4	-0.9	-0.5	11.7	-14.3	0.0	0.0	15.6	-19.0		
6.585		-5.1	-1.7	-0.8	10.1	-17.8	0.0	0.0	13.4	-23.6		
6.600		-5.9	-2.0	-1.0	7.2	-18.8	0.0	0.0	9.6	-25.0		
6.650		-8.6	-3.0	-1.4	5.5	-20.9	0.0	0.0	7.4	-27.8		
6.700		-11.3	-3.9	-1.9	4.9	-22.9	0.0	0.0	6.5	-30.4		
6.710		-11.8	-4.1	-2.0	4.9	-23.1	0.0	0.0	6.5	-30.7		
6.750		-13.9	-4.9	-2.4	5.0	-24.7	0.0	0.0	6.7	-32.8		
6.769		-14.9	-5.3	-2.6	5.0	-25.0	0.0	0.0	6.7	-33.3		
6.800		-16.6	-5.9	-2.9	5.3	-26.3	0.0	0.0	7.0	-34.9		
6.835		-18.9	-6.6	-3.2	7.7	-30.9	0.0	0.0	10.3	-41.1		
6.850		-19.7	-6.9	-3.4	8.1	-31.8	0.0	0.0	10.8	-42.3		
6.900		-22.4	-7.9	-3.9	8.2	-32.6	0.0	0.0	10.9	-43.4		
6.917		-23.4	-8.2	-4.0	8.2	-32.6	0.0	0.0	10.9	-43.4		
6.950		-25.3	-8.9	-4.4	8.4	-33.0	0.0	0.0	11.2	-43.9		
7.000		-28.2	-9.9	-4.8	8.4	-33.0	0.0	0.0	11.2	-43.9		
7.000		27.9	9.8	4.8	25.6	-5.9	0.0	0.0	34.0	-7.9		
7.050		25.6	9.0	4.4	25.8	-5.9	0.0	0.0	34.3	-7.9		
7.053		25.5	9.0	4.4	25.8	-5.4	0.0	0.0	34.3	-7.1		
7.100		23.3	8.2	4.0	25.4	-5.4	0.0	0.0	33.8	-7.1		
7.106		23.9	8.5	4.2	26.6	-4.8	0.0	0.0	35.4	-6.4		
7.125		23.0	8.2	4.0	26.5	-2.4	0.0	0.0	35.3	-3.1		
7.150		21.9	7.8	3.8	26.4	-2.4	0.0	0.0	35.1	-3.2		
7.200		19.8	7.0	3.4	25.8	-2.6	0.0	0.0	34.3	-3.5		
7.250		17.6	6.2	3.1	25.0	-3.1	0.0	0.0	33.2	-4.1		
7.262		17.1	6.0	3.0	24.4	-3.2	0.0	0.0	32.4	-4.2		
7.281		16.3	5.7	2.8	24.2	-3.3	0.0	0.0	32.2	-4.4		
7.300		15.5	5.4	2.7	23.9	-3.6	0.0	0.0	31.8	-4.8		
7.350		13.4	4.6	2.3	22.7	-4.2	0.0	0.0	30.2	-5.6		
7.400		11.2	3.9	1.9	21.3	-4.9	0.0	0.0	28.3	-6.5		
7.418		10.4	3.6	1.8	20.3	-7.2	0.0	0.0	27.1	-9.6		
7.450		8.2	3.0	1.5	17.4	-8.0	0.0	0.0	23.1	-10.7		
7.500		6.1	2.2	1.1	15.8	-9.5	0.0	0.0	21.0	-12.6		
7.550		4.0	1.4	0.7	14.1	-11.0	0.0	0.0	18.7	-14.6		
7.575		2.9	1.1	0.5	12.8	-11.6	0.0	0.0	17.0	-15.4		
7.600		1.8	0.7	0.3	12.2	-12.6	0.0	0.0	16.2	-16.7		
7.643		0.0	0.0	0.0	10.4	-13.6	0.0	0.0	13.8	-18.1		
7.650		-0.3	-0.1	-0.1	10.1	-14.3	0.0	0.0	13.5	-19.0		
7.700		-2.5	-0.9	-0.4	8.0	-16.0	0.0	0.0	10.6	-21.3		
7.731		-4.4	-1.5	-0.7	6.3	-20.2	0.0	0.0	8.3	-26.9		
7.750		-5.3	-1.8	-0.9	5.4	-21.4	0.0	0.0	7.1	-28.5		
7.800		-7.4	-2.6	-1.3	5.7	-23.7	0.0	0.0	7.5	-31.5		
7.850		-9.6	-3.3	-1.7	6.0	-25.9	0.0	0.0	8.0	-34.5		
7.865		-10.2	-3.6	-1.8	6.0	-26.4	0.0	0.0	8.0	-35.1		
7.900		-11.7	-4.1	-2.0	6.3	-27.9	0.0	0.0	8.4	-37.1		
7.950		-13.8	-4.9	-2.4	6.6	-29.5	0.0	0.0	8.8	-39.3		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
7.994	-15.7	-5.6	-2.8	6.6	-30.3	0.0	0.0	8.8	-40.4		
8.000	-16.0	-5.7	-2.8	6.6	-30.4	0.0	0.0	8.8	-40.5		
8.000	0.2	0.2	0.1	2.4	0.0	0.0	0.0	3.2	0.0		
8.375	0.1	0.1	0.1	2.4	0.0	0.0	0.0	3.2	0.0		
9.000	0.0	0.0	0.0	2.4	0.0	0.0	0.0	3.2	0.0		

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-7
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
0.625	-0.2	-0.1	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	-0.3	-0.2	0.0	0.2	-0.1	0.0	0.0	0.2	-0.1		
1.000	13.3	4.8	1.4	19.1	-4.0	0.0	0.0	25.5	-5.3		
1.000	13.3	4.8	1.4	19.1	-4.0	0.0	0.0	25.5	-5.3		
1.049	11.4	4.1	1.3	19.1	-4.0	0.0	0.0	25.5	-5.3		
1.050	11.3	4.1	1.3	19.1	-4.0	0.0	0.0	25.5	-5.3		
1.100	9.4	3.4	1.2	18.4	-4.0	0.0	0.0	24.5	-5.3		
1.109	9.1	3.3	1.1	18.2	-4.0	0.0	0.0	24.2	-5.3		
1.150	7.6	2.7	1.1	17.6	-4.0	0.0	0.0	23.4	-5.3		
1.169	6.8	2.4	1.1	17.0	-4.0	0.0	0.0	22.7	-5.3		
1.200	5.7	2.0	1.1	16.5	-4.0	0.0	0.0	22.0	-5.3		
1.203	5.6	2.0	1.0	16.1	-4.0	0.0	0.0	21.5	-5.3		
1.230	4.6	1.6	1.0	15.7	-4.0	0.0	0.0	20.8	-5.3		
1.248	3.9	1.4	0.9	15.3	-4.0	0.0	0.0	20.4	-5.3		
1.250	3.8	1.3	0.9	15.3	-4.1	0.0	0.0	20.3	-5.4		
1.300	1.9	0.6	0.5	14.0	-5.4	0.0	0.0	18.6	-7.2		
1.350	0.1	0.0	0.2	12.6	-6.7	0.0	0.0	16.8	-9.0		
1.352	0.0	-0.1	0.2	12.2	-6.8	0.0	0.0	16.2	-9.0		
1.400	-1.8	-0.7	-0.2	11.2	-8.1	0.0	0.0	14.9	-10.7		
1.407	-2.9	-0.9	-0.3	10.6	-9.9	0.0	0.0	14.1	-13.2		
1.450	-4.5	-1.5	-0.6	8.1	-11.3	0.0	0.0	10.7	-15.0		
1.500	-6.4	-2.2	-0.9	6.8	-12.9	0.0	0.0	9.0	-17.1		
1.550	-8.2	-2.9	-1.3	5.6	-14.3	0.0	0.0	7.4	-19.1		
1.585	-9.6	-3.4	-1.5	4.6	-15.1	0.0	0.0	6.1	-20.0		
1.600	-10.1	-3.6	-1.6	4.4	-15.7	0.0	0.0	5.9	-20.9		
1.650	-12.0	-4.3	-2.0	3.4	-17.1	0.0	0.0	4.5	-22.7		
1.686	-13.3	-4.8	-2.2	2.7	-17.7	0.0	0.0	3.6	-23.5		
1.700	-13.9	-5.0	-2.3	2.6	-18.2	0.0	0.0	3.4	-24.3		
1.750	-15.7	-5.6	-2.6	1.9	-19.3	0.0	0.0	2.6	-25.7		
1.764	-16.6	-5.8	-2.7	2.9	-22.6	0.0	0.0	3.8	-30.1		
1.800	-18.0	-6.3	-3.0	3.0	-23.4	0.0	0.0	4.0	-31.1		
1.850	-19.9	-7.0	-3.3	3.1	-24.2	0.0	0.0	4.1	-32.1		
1.882	-21.1	-7.5	-3.5	3.1	-24.3	0.0	0.0	4.1	-32.3		
1.893	-21.5	-7.6	-3.6	3.1	-24.3	0.0	0.0	4.1	-32.4		
1.900	-21.8	-7.7	-3.7	3.2	-24.6	0.0	0.0	4.3	-32.7		
1.950	-23.8	-8.4	-4.0	3.4	-24.7	0.0	0.0	4.5	-32.9		
2.000	-25.7	-9.1	-4.4	3.4	-24.9	0.0	0.0	4.5	-33.1		
2.000	26.4	9.3	4.5	20.3	-4.7	0.0	0.0	27.0	-6.3		
2.042	24.0	8.4	4.1	20.3	-4.7	0.0	0.0	27.0	-6.3		
2.050	23.5	8.3	4.0	20.3	-4.7	0.0	0.0	27.0	-6.3		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.075		22.1	7.8	3.8	20.2	-4.6	0.0	0.0	26.9	-6.1		
2.085		22.4	7.9	3.9	21.0	-4.6	0.0	0.0	28.0	-6.1		
2.100		21.6	7.6	3.7	21.0	-3.7	0.0	0.0	27.9	-4.9		
2.150		18.9	6.6	3.2	20.6	-3.6	0.0	0.0	27.4	-4.8		
2.200		16.2	5.7	2.8	19.9	-3.6	0.0	0.0	26.5	-4.8		
2.202		16.1	5.6	2.7	19.5	-3.6	0.0	0.0	25.9	-4.8		
2.210		15.7	5.5	2.7	19.4	-3.6	0.0	0.0	25.8	-4.8		
2.250		13.5	4.7	2.3	19.0	-3.6	0.0	0.0	25.3	-4.8		
2.300		10.8	3.7	1.8	17.9	-3.6	0.0	0.0	23.9	-4.8		
2.335		9.0	3.0	1.5	16.9	-5.7	0.0	0.0	22.5	-7.6		
2.350		7.2	2.7	1.3	14.9	-6.1	0.0	0.0	19.9	-8.2		
2.400		4.6	1.7	0.8	13.7	-7.4	0.0	0.0	18.3	-9.8		
2.450		1.9	0.7	0.3	12.4	-8.7	0.0	0.0	16.5	-11.6		
2.460		1.4	0.5	0.2	11.6	-8.9	0.0	0.0	15.4	-11.8		
2.485		0.0	0.0	0.0	11.2	-9.4	0.0	0.0	14.9	-12.4		
2.500		-0.8	-0.3	-0.2	11.0	-10.1	0.0	0.0	14.6	-13.4		
2.550		-3.5	-1.3	-0.6	9.5	-11.4	0.0	0.0	12.7	-15.2		
2.585		-6.2	-2.0	-1.0	8.3	-14.3	0.0	0.0	11.0	-19.0		
2.600		-7.1	-2.3	-1.2	5.9	-15.1	0.0	0.0	7.8	-20.1		
2.650		-9.7	-3.3	-1.6	4.5	-16.7	0.0	0.0	6.0	-22.2		
2.700		-12.4	-4.3	-2.1	3.5	-18.2	0.0	0.0	4.7	-24.2		
2.710		-12.9	-4.5	-2.2	3.0	-18.4	0.0	0.0	4.0	-24.4		
2.750		-15.1	-5.3	-2.6	3.1	-19.6	0.0	0.0	4.2	-26.0		
2.766		-15.9	-5.6	-2.8	3.1	-19.8	0.0	0.0	4.2	-26.3		
2.800		-17.8	-6.3	-3.1	3.3	-20.7	0.0	0.0	4.4	-27.6		
2.835		-20.0	-7.0	-3.4	5.1	-24.4	0.0	0.0	6.8	-32.4		
2.850		-20.8	-7.3	-3.6	5.4	-25.0	0.0	0.0	7.2	-33.3		
2.888		-22.8	-8.0	-3.9	5.4	-25.2	0.0	0.0	7.2	-33.5		
2.900		-23.6	-8.3	-4.1	5.5	-25.5	0.0	0.0	7.3	-34.0		
2.917		-24.6	-8.6	-4.2	5.5	-25.5	0.0	0.0	7.3	-34.0		
2.950		-26.5	-9.3	-4.6	5.7	-25.8	0.0	0.0	7.5	-34.3		
3.000		-29.5	-10.3	-5.1	5.7	-25.8	0.0	0.0	7.5	-34.4		
3.000		27.7	9.6	4.7	20.1	-5.0	0.0	0.0	26.7	-6.7		
3.042		25.2	8.8	4.3	20.1	-5.0	0.0	0.0	26.7	-6.7		
3.050		24.8	8.7	4.3	20.1	-5.0	0.0	0.0	26.7	-6.7		
3.085		23.7	8.3	4.1	20.8	-4.8	0.0	0.0	27.7	-6.4		
3.100		22.8	8.1	4.0	20.8	-3.7	0.0	0.0	27.6	-4.9		
3.113		22.1	7.8	3.8	20.6	-3.5	0.0	0.0	27.5	-4.7		
3.150		20.1	7.1	3.5	20.4	-3.6	0.0	0.0	27.2	-4.8		
3.200		17.4	6.1	3.0	19.7	-3.6	0.0	0.0	26.3	-4.8		
3.210		16.9	5.9	2.9	19.2	-3.6	0.0	0.0	25.6	-4.7		
3.249		14.8	5.1	2.5	18.9	-3.6	0.0	0.0	25.1	-4.7		
3.250		14.7	5.1	2.5	18.9	-3.6	0.0	0.0	25.1	-4.7		
3.300		12.0	4.1	2.0	17.8	-3.7	0.0	0.0	23.7	-4.9		
3.335		10.2	3.4	1.7	16.8	-5.8	0.0	0.0	22.3	-7.7		
3.350		8.6	3.1	1.5	14.8	-6.2	0.0	0.0	19.7	-8.3		
3.400		5.9	2.1	1.0	13.6	-7.5	0.0	0.0	18.2	-10.0		
3.450		3.2	1.1	0.6	12.3	-8.8	0.0	0.0	16.4	-11.7		
3.460		2.7	1.0	0.5	11.5	-9.0	0.0	0.0	15.3	-11.9		
3.500		0.5	0.2	0.1	10.9	-10.2	0.0	0.0	14.5	-13.5		
3.510		0.0	0.0	0.0	10.1	-10.3	0.0	0.0	13.5	-13.7		
3.550		-2.1	-0.8	-0.4	9.5	-11.5	0.0	0.0	12.6	-15.3		
3.585		-4.9	-1.6	-0.8	8.2	-14.3	0.0	0.0	10.9	-19.0		
3.600		-5.7	-1.9	-0.9	5.8	-15.2	0.0	0.0	7.8	-20.2		
3.650		-8.4	-2.9	-1.4	4.5	-16.7	0.0	0.0	6.0	-22.3		
3.700		-11.0	-3.9	-1.9	3.9	-18.2	0.0	0.0	5.2	-24.3		
3.710		-11.6	-4.1	-2.0	3.9	-18.4	0.0	0.0	5.2	-24.5		
3.750		-13.7	-4.9	-2.4	4.0	-19.6	0.0	0.0	5.3	-26.1		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-7 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
3.765	-14.5	-5.1	-2.5	4.0	-19.8	0.0	0.0	5.3	-26.4		
3.800	-16.4	-5.8	-2.9	4.2	-20.8	0.0	0.0	5.6	-27.6		
3.835	-18.6	-6.5	-3.2	6.1	-24.4	0.0	0.0	8.1	-32.5		
3.850	-19.5	-6.8	-3.3	6.4	-25.0	0.0	0.0	8.5	-33.3		
3.887	-21.5	-7.5	-3.7	6.4	-25.2	0.0	0.0	8.5	-33.5		
3.900	-22.2	-7.8	-3.8	6.5	-25.5	0.0	0.0	8.6	-34.0		
3.917	-23.2	-8.2	-4.0	6.5	-25.5	0.0	0.0	8.6	-34.0		
3.950	-25.1	-8.8	-4.3	6.7	-25.8	0.0	0.0	8.8	-34.3		
4.000	-28.1	-9.8	-4.8	6.7	-25.8	0.0	0.0	8.8	-34.4		
4.000	27.4	9.5	4.7	20.1	-5.0	0.0	0.0	26.7	-6.7		
4.042	24.9	8.7	4.3	20.1	-5.0	0.0	0.0	26.7	-6.7		
4.050	24.4	8.6	4.2	20.1	-5.0	0.0	0.0	26.7	-6.7		
4.085	23.3	8.2	4.0	20.8	-4.8	0.0	0.0	27.7	-6.4		
4.100	22.4	7.9	3.9	20.8	-3.7	0.0	0.0	27.6	-4.9		
4.112	21.7	7.7	3.8	20.6	-3.5	0.0	0.0	27.5	-4.7		
4.150	19.7	6.9	3.4	20.4	-3.6	0.0	0.0	27.2	-4.8		
4.200	17.0	6.0	2.9	19.7	-3.6	0.0	0.0	26.3	-4.8		
4.210	16.5	5.8	2.8	19.2	-3.6	0.0	0.0	25.6	-4.7		
4.234	15.2	5.3	2.6	19.0	-3.6	0.0	0.0	25.3	-4.7		
4.250	14.3	5.0	2.4	18.9	-3.6	0.0	0.0	25.1	-4.7		
4.300	11.7	4.0	2.0	17.8	-3.7	0.0	0.0	23.7	-4.9		
4.335	9.8	3.3	1.6	16.8	-5.8	0.0	0.0	22.3	-7.7		
4.350	8.2	3.0	1.5	14.8	-6.2	0.0	0.0	19.7	-8.3		
4.400	5.5	2.0	1.0	13.6	-7.5	0.0	0.0	18.1	-10.0		
4.450	2.8	1.0	0.5	12.3	-8.8	0.0	0.0	16.4	-11.7		
4.460	2.3	0.8	0.4	11.5	-9.0	0.0	0.0	15.3	-11.9		
4.500	0.1	0.0	0.0	10.9	-10.2	0.0	0.0	14.5	-13.5		
4.503	0.0	0.0	0.0	10.2	-10.2	0.0	0.0	13.6	-13.6		
4.550	-2.5	-1.0	-0.5	9.5	-11.5	0.0	0.0	12.6	-15.3		
4.585	-5.3	-1.7	-0.8	8.2	-14.3	0.0	0.0	10.9	-19.0		
4.600	-6.1	-2.0	-1.0	5.8	-15.2	0.0	0.0	7.7	-20.2		
4.650	-8.8	-3.0	-1.5	4.5	-16.7	0.0	0.0	6.0	-22.3		
4.700	-11.5	-4.0	-2.0	3.9	-18.2	0.0	0.0	5.2	-24.3		
4.710	-12.0	-4.2	-2.1	3.9	-18.4	0.0	0.0	5.2	-24.5		
4.750	-14.1	-5.0	-2.4	4.0	-19.6	0.0	0.0	5.3	-26.1		
4.765	-14.9	-5.3	-2.6	4.0	-19.8	0.0	0.0	5.3	-26.4		
4.800	-16.8	-6.0	-2.9	4.2	-20.8	0.0	0.0	5.6	-27.6		
4.835	-19.0	-6.7	-3.3	6.1	-24.4	0.0	0.0	8.1	-32.5		
4.850	-19.9	-6.9	-3.4	6.4	-25.0	0.0	0.0	8.5	-33.3		
4.887	-21.9	-7.7	-3.8	6.4	-25.2	0.0	0.0	8.5	-33.5		
4.900	-22.6	-8.0	-3.9	6.5	-25.5	0.0	0.0	8.6	-34.0		
4.917	-23.6	-8.3	-4.1	6.5	-25.5	0.0	0.0	8.6	-34.0		
4.950	-25.6	-9.0	-4.4	6.7	-25.8	0.0	0.0	8.9	-34.3		
5.000	-28.5	-9.9	-4.9	6.7	-25.8	0.0	0.0	8.9	-34.4		
5.000	27.5	9.6	4.7	20.1	-5.0	0.0	0.0	26.7	-6.7		
5.042	25.0	8.7	4.3	20.1	-5.0	0.0	0.0	26.7	-6.7		
5.050	24.5	8.6	4.2	20.1	-5.0	0.0	0.0	26.7	-6.7		
5.085	23.4	8.2	4.0	20.8	-4.8	0.0	0.0	27.7	-6.4		
5.100	22.5	8.0	3.9	20.8	-3.7	0.0	0.0	27.6	-4.9		
5.112	21.8	7.7	3.8	20.6	-3.5	0.0	0.0	27.5	-4.7		
5.150	19.8	7.0	3.4	20.4	-3.6	0.0	0.0	27.2	-4.8		
5.200	17.1	6.0	2.9	19.7	-3.6	0.0	0.0	26.3	-4.8		
5.210	16.6	5.8	2.9	19.2	-3.6	0.0	0.0	25.6	-4.7		
5.239	15.0	5.2	2.6	19.0	-3.6	0.0	0.0	25.2	-4.7		
5.250	14.4	5.0	2.5	18.9	-3.6	0.0	0.0	25.1	-4.7		
5.300	11.7	4.0	2.0	17.8	-3.7	0.0	0.0	23.7	-4.9		
5.335	9.9	3.4	1.6	16.8	-5.8	0.0	0.0	22.3	-7.7		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-7 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
5.350	8.3	3.0	1.5	14.8	-6.2	0.0	0.0	19.7	-8.3		
5.400	5.6	2.0	1.0	13.6	-7.5	0.0	0.0	18.1	-10.0		
5.450	2.9	1.0	0.5	12.3	-8.8	0.0	0.0	16.4	-11.7		
5.460	2.4	0.9	0.4	11.5	-9.0	0.0	0.0	15.3	-11.9		
5.500	0.2	0.1	0.0	10.9	-10.2	0.0	0.0	14.5	-13.5		
5.504	0.0	0.0	0.0	10.2	-10.2	0.0	0.0	13.6	-13.6		
5.550	-2.4	-0.9	-0.5	9.5	-11.5	0.0	0.0	12.6	-15.3		
5.585	-5.2	-1.7	-0.8	8.2	-14.3	0.0	0.0	10.9	-19.0		
5.600	-6.0	-2.0	-1.0	5.8	-15.2	0.0	0.0	7.7	-20.2		
5.650	-8.7	-3.0	-1.5	4.5	-16.7	0.0	0.0	6.0	-22.3		
5.700	-11.4	-4.0	-1.9	3.9	-18.2	0.0	0.0	5.2	-24.3		
5.710	-11.9	-4.2	-2.0	3.9	-18.4	0.0	0.0	5.2	-24.5		
5.750	-14.0	-5.0	-2.4	4.0	-19.6	0.0	0.0	5.3	-26.1		
5.764	-14.8	-5.2	-2.6	4.0	-19.8	0.0	0.0	5.3	-26.3		
5.800	-16.7	-5.9	-2.9	4.2	-20.8	0.0	0.0	5.6	-27.6		
5.835	-18.9	-6.6	-3.2	6.1	-24.4	0.0	0.0	8.1	-32.5		
5.850	-19.8	-6.9	-3.4	6.4	-25.0	0.0	0.0	8.5	-33.3		
5.888	-21.8	-7.6	-3.8	6.4	-25.2	0.0	0.0	8.5	-33.5		
5.900	-22.5	-7.9	-3.9	6.5	-25.5	0.0	0.0	8.6	-34.0		
5.917	-23.5	-8.3	-4.1	6.5	-25.5	0.0	0.0	8.6	-34.0		
5.950	-25.5	-8.9	-4.4	6.7	-25.8	0.0	0.0	8.9	-34.3		
6.000	-28.4	-9.9	-4.9	6.7	-25.8	0.0	0.0	8.9	-34.4		
6.000	27.5	9.6	4.7	20.1	-4.8	0.0	0.0	26.7	-6.4		
6.042	25.1	8.7	4.3	20.1	-4.8	0.0	0.0	26.7	-6.4		
6.050	24.6	8.6	4.2	20.1	-4.8	0.0	0.0	26.7	-6.4		
6.085	23.5	8.3	4.1	20.8	-4.6	0.0	0.0	27.7	-6.1		
6.100	22.6	8.0	3.9	20.8	-3.3	0.0	0.0	27.6	-4.5		
6.112	21.9	7.7	3.8	20.6	-3.2	0.0	0.0	27.5	-4.3		
6.150	19.9	7.0	3.4	20.4	-3.3	0.0	0.0	27.2	-4.3		
6.200	17.2	6.0	2.9	19.7	-3.3	0.0	0.0	26.3	-4.3		
6.210	16.7	5.8	2.9	19.2	-3.3	0.0	0.0	25.6	-4.3		
6.237	15.2	5.3	2.6	19.0	-3.3	0.0	0.0	25.2	-4.3		
6.250	14.5	5.0	2.5	18.9	-3.3	0.0	0.0	25.1	-4.3		
6.300	11.8	4.1	2.0	17.8	-3.6	0.0	0.0	23.7	-4.8		
6.335	10.0	3.4	1.6	16.8	-5.8	0.0	0.0	22.3	-7.7		
6.350	8.3	3.0	1.5	14.8	-6.3	0.0	0.0	19.7	-8.3		
6.400	5.7	2.0	1.0	13.6	-7.5	0.0	0.0	18.1	-10.0		
6.450	3.0	1.1	0.5	12.3	-8.8	0.0	0.0	16.4	-11.7		
6.460	2.5	0.9	0.4	11.5	-9.0	0.0	0.0	15.3	-11.9		
6.500	0.3	0.1	0.0	10.9	-10.2	0.0	0.0	14.5	-13.5		
6.506	0.0	0.0	0.0	10.2	-10.3	0.0	0.0	13.5	-13.6		
6.550	-2.4	-0.9	-0.5	9.5	-11.5	0.0	0.0	12.6	-15.3		
6.585	-5.1	-1.7	-0.8	8.2	-14.3	0.0	0.0	10.9	-19.0		
6.600	-5.9	-2.0	-1.0	5.8	-15.2	0.0	0.0	7.7	-20.2		
6.650	-8.6	-3.0	-1.4	4.5	-16.7	0.0	0.0	6.0	-22.3		
6.700	-11.3	-3.9	-1.9	3.8	-18.2	0.0	0.0	5.1	-24.3		
6.710	-11.8	-4.1	-2.0	3.8	-18.4	0.0	0.0	5.1	-24.5		
6.750	-13.9	-4.9	-2.4	4.0	-19.6	0.0	0.0	5.3	-26.1		
6.769	-14.9	-5.3	-2.6	4.0	-19.9	0.0	0.0	5.3	-26.4		
6.800	-16.6	-5.9	-2.9	4.1	-20.8	0.0	0.0	5.5	-27.6		
6.835	-18.9	-6.6	-3.2	6.1	-24.4	0.0	0.0	8.1	-32.5		
6.850	-19.7	-6.9	-3.4	6.4	-25.1	0.0	0.0	8.5	-33.4		
6.900	-22.4	-7.9	-3.9	6.5	-25.6	0.0	0.0	8.6	-34.1		
6.917	-23.4	-8.2	-4.0	6.5	-25.6	0.0	0.0	8.6	-34.0		
6.950	-25.3	-8.9	-4.4	6.6	-25.9	0.0	0.0	8.8	-34.4		
7.000	-28.2	-9.9	-4.8	6.6	-25.9	0.0	0.0	8.8	-34.5		
7.000	27.9	9.8	4.8	20.2	-4.7	0.0	0.0	26.8	-6.2		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD				TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW									
	SHEAR	SHEAR	SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN	
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
7.050	25.6	9.0	4.4	20.3	-4.7	0.0	0.0	27.0	-6.2			
7.053	25.5	9.0	4.4	20.3	-4.2	0.0	0.0	27.0	-5.6			
7.100	23.3	8.2	4.0	20.0	-4.2	0.0	0.0	26.6	-5.6			
7.106	23.9	8.5	4.2	20.9	-3.8	0.0	0.0	27.8	-5.0			
7.125	23.0	8.2	4.0	20.8	-1.9	0.0	0.0	27.7	-2.5			
7.150	21.9	7.8	3.8	20.7	-1.9	0.0	0.0	27.6	-2.5			
7.200	19.8	7.0	3.4	20.3	-2.1	0.0	0.0	27.0	-2.9			
7.250	17.6	6.2	3.1	19.7	-2.6	0.0	0.0	26.2	-3.4			
7.262	17.1	6.0	3.0	19.3	-2.6	0.0	0.0	25.6	-3.5			
7.281	16.3	5.7	2.8	19.1	-2.8	0.0	0.0	25.4	-3.7			
7.300	15.5	5.4	2.7	18.9	-3.0	0.0	0.0	25.2	-4.0			
7.350	13.4	4.6	2.3	18.1	-3.5	0.0	0.0	24.0	-4.6			
7.400	11.2	3.9	1.9	17.0	-4.0	0.0	0.0	22.6	-5.3			
7.418	10.4	3.6	1.8	16.3	-6.0	0.0	0.0	21.7	-7.9			
7.450	8.2	3.0	1.5	13.9	-6.7	0.0	0.0	18.5	-8.9			
7.500	6.1	2.2	1.1	12.7	-7.8	0.0	0.0	16.9	-10.4			
7.550	4.0	1.4	0.7	11.4	-9.0	0.0	0.0	15.1	-11.9			
7.575	2.9	1.1	0.5	10.4	-9.4	0.0	0.0	13.9	-12.5			
7.600	1.8	0.7	0.3	9.9	-10.2	0.0	0.0	13.2	-13.6			
7.643	0.0	0.0	0.0	8.6	-11.0	0.0	0.0	11.4	-14.7			
7.650	-0.3	-0.1	-0.1	8.4	-11.6	0.0	0.0	11.2	-15.4			
7.700	-2.5	-0.9	-0.4	6.7	-13.0	0.0	0.0	9.0	-17.3			
7.731	-4.4	-1.5	-0.7	5.4	-16.4	0.0	0.0	7.2	-21.8			
7.750	-5.3	-1.8	-0.9	4.2	-17.3	0.0	0.0	5.6	-23.1			
7.800	-7.4	-2.6	-1.3	4.5	-19.1	0.0	0.0	5.9	-25.4			
7.850	-9.6	-3.3	-1.7	4.7	-20.8	0.0	0.0	6.3	-27.6			
7.865	-10.2	-3.6	-1.8	4.7	-21.1	0.0	0.0	6.3	-28.1			
7.900	-11.7	-4.1	-2.0	5.0	-22.3	0.0	0.0	6.6	-29.7			
7.950	-13.8	-4.9	-2.4	5.2	-23.5	0.0	0.0	7.0	-31.2			
7.994	-15.7	-5.6	-2.8	5.2	-24.0	0.0	0.0	7.0	-31.9			
8.000	-16.0	-5.7	-2.8	5.2	-24.1	0.0	0.0	7.0	-32.0			
8.000	0.2	0.2	0.1	2.6	0.0	0.0	0.0	3.4	0.0			
8.375	0.1	0.1	0.1	2.6	0.0	0.0	0.0	3.4	0.0			
9.000	0.0	0.0	0.0	2.6	0.0	0.0	0.0	3.4	0.0			

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.1	0.0	0.0	0.0	0.1	-0.1		
0.625	-0.2	-0.1	0.0	0.1	0.0	0.0	0.0	0.1	-0.1		
1.000	-0.3	-0.2	0.0	0.1	0.0	0.0	0.0	0.1	-0.1		
1.000	13.3	4.8	1.4	12.3	-2.5	0.0	0.0	16.3	-3.3		
1.000	13.3	4.8	1.4	12.3	-2.5	0.0	0.0	16.3	-3.3		
1.049	11.4	4.1	1.3	12.3	-2.5	0.0	0.0	16.3	-3.3		
1.050	11.3	4.1	1.3	12.3	-2.5	0.0	0.0	16.3	-3.3		
1.100	9.4	3.4	1.2	11.8	-2.5	0.0	0.0	15.7	-3.3		
1.109	9.1	3.3	1.1	11.7	-2.5	0.0	0.0	15.5	-3.3		
1.150	7.6	2.7	1.1	11.3	-2.5	0.0	0.0	15.0	-3.3		
1.169	6.8	2.4	1.1	11.0	-2.5	0.0	0.0	14.6	-3.3		
1.200	5.7	2.0	1.1	10.6	-2.5	0.0	0.0	14.2	-3.3		
1.203	5.6	2.0	1.0	10.4	-2.5	0.0	0.0	13.9	-3.3		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
1.230		4.6	1.6	1.0	10.1	-2.5	0.0	0.0	13.5	-3.4		
1.248		3.9	1.4	0.9	9.9	-2.8	0.0	0.0	13.2	-3.7		
1.250		3.8	1.3	0.9	9.9	-2.9	0.0	0.0	13.2	-3.9		
1.300		1.9	0.6	0.5	9.1	-3.7	0.0	0.0	12.1	-4.9		
1.350		0.1	0.0	0.2	8.2	-4.5	0.0	0.0	10.9	-6.0		
1.352		0.0	-0.1	0.2	7.9	-4.6	0.0	0.0	10.5	-6.1		
1.400		-1.8	-0.7	-0.2	7.3	-5.4	0.0	0.0	9.8	-7.2		
1.407		-2.9	-0.9	-0.3	7.0	-6.6	0.0	0.0	9.3	-8.8		
1.450		-4.5	-1.5	-0.6	5.3	-7.5	0.0	0.0	7.0	-9.9		
1.500		-6.4	-2.2	-0.9	4.5	-8.4	0.0	0.0	6.0	-11.2		
1.550		-8.2	-2.9	-1.3	3.7	-9.3	0.0	0.0	4.9	-12.4		
1.585		-9.6	-3.4	-1.5	3.1	-9.8	0.0	0.0	4.1	-13.0		
1.600		-10.1	-3.6	-1.6	3.0	-10.2	0.0	0.0	3.9	-13.6		
1.650		-12.0	-4.3	-2.0	2.3	-11.0	0.0	0.0	3.0	-14.6		
1.686		-13.3	-4.8	-2.2	1.8	-11.4	0.0	0.0	2.4	-15.1		
1.700		-13.9	-5.0	-2.3	1.7	-11.7	0.0	0.0	2.3	-15.6		
1.750		-15.7	-5.6	-2.6	1.3	-12.4	0.0	0.0	1.7	-16.5		
1.764		-16.6	-5.8	-2.7	1.8	-14.5	0.0	0.0	2.4	-19.3		
1.800		-18.0	-6.3	-3.0	1.9	-14.9	0.0	0.0	2.5	-19.9		
1.850		-19.9	-7.0	-3.3	2.0	-15.3	0.0	0.0	2.6	-20.4		
1.882		-21.1	-7.5	-3.5	2.0	-15.4	0.0	0.0	2.6	-20.5		
1.893		-21.5	-7.6	-3.6	2.0	-15.4	0.0	0.0	2.6	-20.5		
1.900		-21.8	-7.7	-3.7	2.0	-15.5	0.0	0.0	2.7	-20.7		
1.950		-23.8	-8.4	-4.0	2.1	-15.7	0.0	0.0	2.9	-20.9		
2.000		-25.7	-9.1	-4.4	2.1	-15.7	0.0	0.0	2.9	-20.9		
2.000	26.4		9.3	4.5	12.8	-3.0	0.0	0.0	17.1	-4.0		
2.042	24.0		8.4	4.1	12.8	-3.0	0.0	0.0	17.1	-4.0		
2.050	23.5		8.3	4.0	12.8	-3.0	0.0	0.0	17.1	-4.0		
2.075	22.1		7.8	3.8	12.8	-2.9	0.0	0.0	17.0	-3.8		
2.085	22.4		7.9	3.9	13.3	-2.9	0.0	0.0	17.7	-3.8		
2.100	21.6		7.6	3.7	13.3	-2.3	0.0	0.0	17.7	-3.1		
2.150	18.9		6.6	3.2	13.0	-2.3	0.0	0.0	17.3	-3.0		
2.200	16.2		5.7	2.8	12.6	-2.3	0.0	0.0	16.8	-3.0		
2.202	16.1		5.6	2.7	12.4	-2.3	0.0	0.0	16.5	-3.0		
2.210	15.7		5.5	2.7	12.3	-2.3	0.0	0.0	16.4	-3.0		
2.250	13.5		4.7	2.3	12.1	-2.3	0.0	0.0	16.1	-3.0		
2.300	10.8		3.7	1.8	11.4	-2.3	0.0	0.0	15.2	-3.1		
2.335	9.0		3.0	1.5	10.8	-3.7	0.0	0.0	14.4	-5.0		
2.350	7.2		2.7	1.3	9.5	-4.0	0.0	0.0	12.7	-5.4		
2.400	4.6		1.7	0.8	8.8	-4.8	0.0	0.0	11.7	-6.4		
2.450	1.9		0.7	0.3	8.0	-5.7	0.0	0.0	10.6	-7.6		
2.460	1.4		0.5	0.2	7.5	-5.8	0.0	0.0	9.9	-7.7		
2.485	0.0		0.0	0.0	7.2	-6.1	0.0	0.0	9.6	-8.1		
2.500	-0.8		-0.3	-0.2	7.1	-6.5	0.0	0.0	9.4	-8.7		
2.550	-3.5		-1.3	-0.6	6.2	-7.4	0.0	0.0	8.2	-9.8		
2.585	-6.2		-2.0	-1.0	5.4	-9.2	0.0	0.0	7.2	-12.3		
2.600	-7.1		-2.3	-1.2	3.8	-9.7	0.0	0.0	5.1	-13.0		
2.650	-9.7		-3.3	-1.6	3.0	-10.7	0.0	0.0	3.9	-14.3		
2.700	-12.4		-4.3	-2.1	2.3	-11.7	0.0	0.0	3.1	-15.5		
2.710	-12.9		-4.5	-2.2	2.0	-11.8	0.0	0.0	2.6	-15.7		
2.750	-15.1		-5.3	-2.6	2.0	-12.5	0.0	0.0	2.6	-16.6		
2.766	-15.9		-5.6	-2.8	2.0	-12.6	0.0	0.0	2.6	-16.8		
2.800	-17.8		-6.3	-3.1	2.1	-13.2	0.0	0.0	2.8	-17.6		
2.835	-20.0		-7.0	-3.4	3.3	-15.5	0.0	0.0	4.3	-20.6		
2.850	-20.8		-7.3	-3.6	3.4	-15.9	0.0	0.0	4.5	-21.1		
2.888	-22.8		-8.0	-3.9	3.4	-15.9	0.0	0.0	4.5	-21.1		
2.900	-23.6		-8.3	-4.1	3.5	-16.1	0.0	0.0	4.6	-21.4		
2.917	-24.6		-8.6	-4.2	3.5	-16.1	0.0	0.0	4.6	-21.5		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.950		-26.5	-9.3	-4.6	3.6	-16.3	0.0	0.0	4.8	-21.7		
3.000		-29.5	-10.3	-5.1	3.6	-16.3	0.0	0.0	4.8	-21.7		
3.000	27.7	9.6	4.7	12.7	-3.2	0.0	0.0	17.0	-4.2			
3.042	25.2	8.8	4.3	12.7	-3.2	0.0	0.0	17.0	-4.2			
3.050	24.8	8.7	4.3	12.7	-3.2	0.0	0.0	16.9	-4.2			
3.085	23.7	8.3	4.1	13.2	-3.1	0.0	0.0	17.5	-4.1			
3.100	22.8	8.1	4.0	13.1	-2.3	0.0	0.0	17.5	-3.1			
3.113	22.1	7.8	3.8	13.1	-2.2	0.0	0.0	17.4	-3.0			
3.150	20.1	7.1	3.5	12.9	-2.3	0.0	0.0	17.2	-3.0			
3.200	17.4	6.1	3.0	12.5	-2.3	0.0	0.0	16.7	-3.0			
3.210	16.9	5.9	2.9	12.2	-2.3	0.0	0.0	16.3	-3.0			
3.249	14.8	5.1	2.5	12.0	-2.3	0.0	0.0	16.0	-3.0			
3.250	14.7	5.1	2.5	12.0	-2.3	0.0	0.0	16.0	-3.0			
3.300	12.0	4.1	2.0	11.4	-2.4	0.0	0.0	15.1	-3.2			
3.335	10.2	3.4	1.7	10.7	-3.8	0.0	0.0	14.3	-5.1			
3.350	8.6	3.1	1.5	9.5	-4.1	0.0	0.0	12.6	-5.4			
3.400	5.9	2.1	1.0	8.7	-4.9	0.0	0.0	11.6	-6.5			
3.450	3.2	1.1	0.6	7.9	-5.7	0.0	0.0	10.5	-7.6			
3.460	2.7	1.0	0.5	7.4	-5.8	0.0	0.0	9.9	-7.8			
3.500	0.5	0.2	0.1	7.0	-6.6	0.0	0.0	9.4	-8.7			
3.510	0.0	0.0	0.0	6.5	-6.7	0.0	0.0	8.7	-8.9			
3.550	-2.1	-0.8	-0.4	6.1	-7.4	0.0	0.0	8.2	-9.9			
3.585	-4.9	-1.6	-0.8	5.4	-9.2	0.0	0.0	7.1	-12.3			
3.600	-5.7	-1.9	-0.9	3.8	-9.8	0.0	0.0	5.1	-13.0			
3.650	-8.4	-2.9	-1.4	3.0	-10.7	0.0	0.0	3.9	-14.3			
3.700	-11.0	-3.9	-1.9	2.5	-11.7	0.0	0.0	3.3	-15.5			
3.710	-11.6	-4.1	-2.0	2.5	-11.8	0.0	0.0	3.3	-15.7			
3.750	-13.7	-4.9	-2.4	2.5	-12.5	0.0	0.0	3.4	-16.6			
3.765	-14.5	-5.1	-2.5	2.5	-12.6	0.0	0.0	3.4	-16.8			
3.800	-16.4	-5.8	-2.9	2.7	-13.2	0.0	0.0	3.5	-17.6			
3.835	-18.6	-6.5	-3.2	3.9	-15.5	0.0	0.0	5.1	-20.6			
3.850	-19.5	-6.8	-3.3	4.0	-15.9	0.0	0.0	5.4	-21.1			
3.887	-21.5	-7.5	-3.7	4.0	-15.9	0.0	0.0	5.4	-21.1			
3.900	-22.2	-7.8	-3.8	4.1	-16.1	0.0	0.0	5.4	-21.4			
3.917	-23.2	-8.2	-4.0	4.1	-16.1	0.0	0.0	5.4	-21.5			
3.950	-25.1	-8.8	-4.3	4.2	-16.3	0.0	0.0	5.6	-21.7			
4.000	-28.1	-9.8	-4.8	4.2	-16.3	0.0	0.0	5.6	-21.7			
4.000	27.4	9.5	4.7	12.7	-3.2	0.0	0.0	17.0	-4.2			
4.042	24.9	8.7	4.3	12.7	-3.2	0.0	0.0	17.0	-4.2			
4.050	24.4	8.6	4.2	12.7	-3.2	0.0	0.0	16.9	-4.2			
4.085	23.3	8.2	4.0	13.2	-3.1	0.0	0.0	17.5	-4.1			
4.100	22.4	7.9	3.9	13.1	-2.3	0.0	0.0	17.5	-3.1			
4.112	21.7	7.7	3.8	13.1	-2.2	0.0	0.0	17.4	-3.0			
4.150	19.7	6.9	3.4	12.9	-2.3	0.0	0.0	17.2	-3.0			
4.200	17.0	6.0	2.9	12.5	-2.3	0.0	0.0	16.7	-3.0			
4.210	16.5	5.8	2.8	12.2	-2.3	0.0	0.0	16.3	-3.0			
4.234	15.2	5.3	2.6	12.1	-2.3	0.0	0.0	16.1	-3.0			
4.250	14.3	5.0	2.4	12.0	-2.3	0.0	0.0	15.9	-3.0			
4.300	11.7	4.0	2.0	11.3	-2.4	0.0	0.0	15.1	-3.2			
4.335	9.8	3.3	1.6	10.7	-3.8	0.0	0.0	14.3	-5.1			
4.350	8.2	3.0	1.5	9.5	-4.1	0.0	0.0	12.6	-5.4			
4.400	5.5	2.0	1.0	8.7	-4.9	0.0	0.0	11.6	-6.5			
4.450	2.8	1.0	0.5	7.9	-5.7	0.0	0.0	10.5	-7.6			
4.460	2.3	0.8	0.4	7.4	-5.8	0.0	0.0	9.9	-7.8			
4.500	0.1	0.0	0.0	7.0	-6.6	0.0	0.0	9.3	-8.7			
4.503	0.0	0.0	0.0	6.6	-6.6	0.0	0.0	8.8	-8.8			
4.550	-2.5	-1.0	-0.5	6.1	-7.4	0.0	0.0	8.2	-9.9			

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-8 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
4.585	-5.3	-1.7	-0.8	5.4	-9.2	0.0	0.0	7.1	-12.3		
4.600	-6.1	-2.0	-1.0	3.8	-9.8	0.0	0.0	5.0	-13.0		
4.650	-8.8	-3.0	-1.5	2.9	-10.7	0.0	0.0	3.9	-14.3		
4.700	-11.5	-4.0	-2.0	2.5	-11.7	0.0	0.0	3.3	-15.5		
4.710	-12.0	-4.2	-2.1	2.5	-11.8	0.0	0.0	3.3	-15.7		
4.750	-14.1	-5.0	-2.4	2.5	-12.5	0.0	0.0	3.4	-16.6		
4.765	-14.9	-5.3	-2.6	2.5	-12.6	0.0	0.0	3.4	-16.8		
4.800	-16.8	-6.0	-2.9	2.7	-13.2	0.0	0.0	3.5	-17.6		
4.835	-19.0	-6.7	-3.3	3.9	-15.5	0.0	0.0	5.2	-20.6		
4.850	-19.9	-6.9	-3.4	4.0	-15.9	0.0	0.0	5.4	-21.1		
4.887	-21.9	-7.7	-3.8	4.0	-15.9	0.0	0.0	5.4	-21.1		
4.900	-22.6	-8.0	-3.9	4.1	-16.1	0.0	0.0	5.4	-21.4		
4.917	-23.6	-8.3	-4.1	4.1	-16.1	0.0	0.0	5.4	-21.5		
4.950	-25.6	-9.0	-4.4	4.2	-16.3	0.0	0.0	5.6	-21.7		
5.000	-28.5	-9.9	-4.9	4.2	-16.3	0.0	0.0	5.6	-21.7		
5.000	27.5	9.6	4.7	12.7	-3.2	0.0	0.0	17.0	-4.2		
5.042	25.0	8.7	4.3	12.7	-3.2	0.0	0.0	17.0	-4.2		
5.050	24.5	8.6	4.2	12.7	-3.2	0.0	0.0	16.9	-4.2		
5.085	23.4	8.2	4.0	13.2	-3.1	0.0	0.0	17.5	-4.1		
5.100	22.5	8.0	3.9	13.1	-2.3	0.0	0.0	17.5	-3.1		
5.112	21.8	7.7	3.8	13.1	-2.2	0.0	0.0	17.4	-3.0		
5.150	19.8	7.0	3.4	12.9	-2.3	0.0	0.0	17.2	-3.0		
5.200	17.1	6.0	2.9	12.5	-2.3	0.0	0.0	16.7	-3.0		
5.210	16.6	5.8	2.9	12.2	-2.3	0.0	0.0	16.3	-3.0		
5.239	15.0	5.2	2.6	12.1	-2.3	0.0	0.0	16.0	-3.0		
5.250	14.4	5.0	2.5	12.0	-2.3	0.0	0.0	15.9	-3.0		
5.300	11.7	4.0	2.0	11.3	-2.4	0.0	0.0	15.1	-3.2		
5.335	9.9	3.4	1.6	10.7	-3.8	0.0	0.0	14.3	-5.1		
5.350	8.3	3.0	1.5	9.5	-4.1	0.0	0.0	12.6	-5.4		
5.400	5.6	2.0	1.0	8.7	-4.9	0.0	0.0	11.6	-6.5		
5.450	2.9	1.0	0.5	7.9	-5.7	0.0	0.0	10.5	-7.6		
5.460	2.4	0.9	0.4	7.4	-5.9	0.0	0.0	9.9	-7.8		
5.500	0.2	0.1	0.0	7.0	-6.6	0.0	0.0	9.3	-8.7		
5.504	0.0	0.0	0.0	6.6	-6.6	0.0	0.0	8.8	-8.8		
5.550	-2.4	-0.9	-0.5	6.1	-7.4	0.0	0.0	8.2	-9.9		
5.585	-5.2	-1.7	-0.8	5.4	-9.2	0.0	0.0	7.1	-12.3		
5.600	-6.0	-2.0	-1.0	3.8	-9.8	0.0	0.0	5.0	-13.0		
5.650	-8.7	-3.0	-1.5	2.9	-10.7	0.0	0.0	3.9	-14.3		
5.700	-11.4	-4.0	-1.9	2.5	-11.7	0.0	0.0	3.3	-15.5		
5.710	-11.9	-4.2	-2.0	2.5	-11.8	0.0	0.0	3.3	-15.7		
5.750	-14.0	-5.0	-2.4	2.5	-12.5	0.0	0.0	3.4	-16.6		
5.764	-14.8	-5.2	-2.6	2.5	-12.6	0.0	0.0	3.4	-16.8		
5.800	-16.7	-5.9	-2.9	2.7	-13.2	0.0	0.0	3.5	-17.6		
5.835	-18.9	-6.6	-3.2	3.9	-15.5	0.0	0.0	5.2	-20.6		
5.850	-19.8	-6.9	-3.4	4.0	-15.9	0.0	0.0	5.4	-21.1		
5.888	-21.8	-7.6	-3.8	4.0	-15.9	0.0	0.0	5.4	-21.1		
5.900	-22.5	-7.9	-3.9	4.1	-16.1	0.0	0.0	5.4	-21.4		
5.917	-23.5	-8.3	-4.1	4.1	-16.1	0.0	0.0	5.4	-21.5		
5.950	-25.5	-8.9	-4.4	4.2	-16.3	0.0	0.0	5.6	-21.7		
6.000	-28.4	-9.9	-4.9	4.2	-16.3	0.0	0.0	5.6	-21.7		
6.000	27.5	9.6	4.7	12.7	-3.0	0.0	0.0	17.0	-4.0		
6.042	25.1	8.7	4.3	12.7	-3.0	0.0	0.0	17.0	-4.0		
6.050	24.6	8.6	4.2	12.7	-3.0	0.0	0.0	16.9	-4.0		
6.085	23.5	8.3	4.1	13.2	-2.9	0.0	0.0	17.5	-3.8		
6.100	22.6	8.0	3.9	13.1	-2.1	0.0	0.0	17.5	-2.8		
6.112	21.9	7.7	3.8	13.1	-2.0	0.0	0.0	17.4	-2.7		
6.150	19.9	7.0	3.4	12.9	-2.1	0.0	0.0	17.2	-2.7		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD		DW	TRUCK		LANE		COMBINED		FATIGUE	
	FRAC	A-DC SHEAR (kips)		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
		B-DC SHEAR (kips)	SHEAR (kips)	(kips)	(kips)	(kips)	(kips)	TRUCK+LANE (kips)	(kips)	TRUCK (kips)	(kips)
6.200	17.2	6.0	2.9	12.5	-2.1	0.0	0.0	16.7	-2.7		
6.210	16.7	5.8	2.9	12.2	-2.1	0.0	0.0	16.3	-2.7		
6.237	15.2	5.3	2.6	12.1	-2.1	0.0	0.0	16.1	-2.7		
6.250	14.5	5.0	2.5	12.0	-2.1	0.0	0.0	15.9	-2.7		
6.300	11.8	4.1	2.0	11.3	-2.4	0.0	0.0	15.1	-3.1		
6.335	10.0	3.4	1.6	10.7	-3.8	0.0	0.0	14.3	-5.1		
6.350	8.3	3.0	1.5	9.5	-4.1	0.0	0.0	12.6	-5.5		
6.400	5.7	2.0	1.0	8.7	-4.9	0.0	0.0	11.6	-6.5		
6.450	3.0	1.1	0.5	7.9	-5.7	0.0	0.0	10.5	-7.6		
6.460	2.5	0.9	0.4	7.4	-5.8	0.0	0.0	9.9	-7.8		
6.500	0.3	0.1	0.0	7.0	-6.6	0.0	0.0	9.3	-8.7		
6.506	0.0	0.0	0.0	6.6	-6.6	0.0	0.0	8.7	-8.8		
6.550	-2.4	-0.9	-0.5	6.1	-7.4	0.0	0.0	8.2	-9.9		
6.585	-5.1	-1.7	-0.8	5.4	-9.2	0.0	0.0	7.1	-12.3		
6.600	-5.9	-2.0	-1.0	3.8	-9.8	0.0	0.0	5.0	-13.0		
6.650	-8.6	-3.0	-1.4	2.9	-10.7	0.0	0.0	3.9	-14.3		
6.700	-11.3	-3.9	-1.9	2.4	-11.7	0.0	0.0	3.2	-15.5		
6.710	-11.8	-4.1	-2.0	2.4	-11.8	0.0	0.0	3.2	-15.7		
6.750	-13.9	-4.9	-2.4	2.5	-12.5	0.0	0.0	3.3	-16.6		
6.769	-14.9	-5.3	-2.6	2.5	-12.7	0.0	0.0	3.3	-16.8		
6.800	-16.6	-5.9	-2.9	2.6	-13.2	0.0	0.0	3.5	-17.6		
6.835	-18.9	-6.6	-3.2	3.8	-15.5	0.0	0.0	5.1	-20.7		
6.850	-19.7	-6.9	-3.4	4.0	-15.9	0.0	0.0	5.4	-21.1		
6.900	-22.4	-7.9	-3.9	4.1	-16.1	0.0	0.0	5.4	-21.5		
6.917	-23.4	-8.2	-4.0	4.1	-16.2	0.0	0.0	5.4	-21.5		
6.950	-25.3	-8.9	-4.4	4.2	-16.3	0.0	0.0	5.6	-21.7		
7.000	-28.2	-9.9	-4.8	4.2	-16.3	0.0	0.0	5.6	-21.7		
7.000	27.9	9.8	4.8	12.8	-3.0	0.0	0.0	17.0	-3.9		
7.050	25.6	9.0	4.4	12.9	-3.0	0.0	0.0	17.1	-3.9		
7.053	25.5	9.0	4.4	12.9	-2.7	0.0	0.0	17.1	-3.6		
7.100	23.3	8.2	4.0	12.7	-2.7	0.0	0.0	16.9	-3.6		
7.106	23.9	8.5	4.2	13.2	-2.4	0.0	0.0	17.6	-3.2		
7.125	23.0	8.2	4.0	13.2	-1.2	0.0	0.0	17.5	-1.6		
7.150	21.9	7.8	3.8	13.1	-1.2	0.0	0.0	17.4	-1.6		
7.200	19.8	7.0	3.4	12.9	-1.4	0.0	0.0	17.1	-1.9		
7.250	17.6	6.2	3.1	12.5	-1.7	0.0	0.0	16.7	-2.3		
7.262	17.1	6.0	3.0	12.3	-1.7	0.0	0.0	16.3	-2.3		
7.281	16.3	5.7	2.8	12.2	-1.8	0.0	0.0	16.2	-2.4		
7.300	15.5	5.4	2.7	12.1	-2.0	0.0	0.0	16.1	-2.6		
7.350	13.4	4.6	2.3	11.5	-2.3	0.0	0.0	15.3	-3.0		
7.400	11.2	3.9	1.9	10.9	-2.6	0.0	0.0	14.5	-3.5		
7.418	10.4	3.6	1.8	10.5	-3.9	0.0	0.0	14.0	-5.2		
7.450	8.2	3.0	1.5	8.9	-4.4	0.0	0.0	11.9	-5.8		
7.500	6.1	2.2	1.1	8.2	-5.1	0.0	0.0	10.9	-6.8		
7.550	4.0	1.4	0.7	7.4	-5.9	0.0	0.0	9.8	-7.8		
7.575	2.9	1.1	0.5	6.8	-6.1	0.0	0.0	9.0	-8.2		
7.600	1.8	0.7	0.3	6.5	-6.7	0.0	0.0	8.7	-8.9		
7.643	0.0	0.0	0.0	5.7	-7.2	0.0	0.0	7.5	-9.5		
7.650	-0.3	-0.1	-0.1	5.6	-7.5	0.0	0.0	7.4	-10.0		
7.700	-2.5	-0.9	-0.4	4.5	-8.4	0.0	0.0	6.0	-11.2		
7.731	-4.4	-1.5	-0.7	3.7	-10.6	0.0	0.0	4.9	-14.1		
7.750	-5.3	-1.8	-0.9	2.7	-11.2	0.0	0.0	3.5	-14.9		
7.800	-7.4	-2.6	-1.3	2.8	-12.3	0.0	0.0	3.7	-16.4		
7.850	-9.6	-3.3	-1.7	3.0	-13.4	0.0	0.0	4.0	-17.8		
7.865	-10.2	-3.6	-1.8	3.0	-13.6	0.0	0.0	4.0	-18.1		
7.900	-11.7	-4.1	-2.0	3.2	-14.3	0.0	0.0	4.2	-19.0		
7.950	-13.8	-4.9	-2.4	3.3	-15.0	0.0	0.0	4.4	-19.9		
7.994	-15.7	-5.6	-2.8	3.3	-15.3	0.0	0.0	4.4	-20.3		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 1 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-8 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD		DW	TRUCK		LANE		COMBINED		FATIGUE	
	FRAC	SHEAR		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
8.000	-16.0	-5.7	-2.8	3.3	-15.3	0.0	0.0	4.4	-20.3		
8.000	0.2	0.2	0.1	2.7	0.0	0.0	0.0	3.6	0.0		
8.375	0.1	0.1	0.1	2.7	0.0	0.0	0.0	3.6	0.0		
9.000	0.0	0.0	0.0	2.7	0.0	0.0	0.0	3.6	0.0		

----- LOAD COMBINATION TABLES -----

COMBINATION TABLE: 1 LRFR2009 1-MaineDOT

LOAD COMBINATION				LOAD FACTORS				-6A.4.2.1-3-IMPACT FACT-ENVELOPE-			
#	NAME	CATEGORY	RATING	A-DL	B-DL	DW-DL	LL	FACTOR	TRK	LN	TYPE
1	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	MOM-MAX
2	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	MOM-MIN
3	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	SHR-MAX
4	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	SHR-MIN
5	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	MOM-MAX
6	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	MOM-MIN
7	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	SHR-MAX
8	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	SHR-MIN

COMBINATION TABLE: 2 LRFR FATIGUE only

LOAD COMBINATION				LOAD FACTORS				-6A.4.2.1-3-IMPACT FACT-ENVELOPE-			
#	NAME	CATEGORY	RATING	A-DL	B-DL	DW-DL	LL	FACTOR	TRK	LN	TYPE
1	FATIGUE-INFINITE	FATIGUE-I LL	FAT-INF	1.000	1.000	1.000	1.500	1.000	1.150	0.000	MOM-MAX
2	FATIGUE-INFINITE	FATIGUE-I LL	FAT-INF	1.000	1.000	1.000	1.500	1.000	1.150	0.000	MOM-MIN

COMBINATION TABLE: 3 Maine Legal Runs

LOAD COMBINATION				LOAD FACTORS				-6A.4.2.1-3-IMPACT FACT-ENVELOPE-			
#	NAME	CATEGORY	RATING	A-DL	B-DL	DW-DL	LL	FACTOR	TRK	LN	TYPE
1	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	MOM-MAX
2	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	MOM-MIN
3	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	SHR-MAX
4	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	SHR-MIN

----- LOAD TEMPLATES -----

LL TEMPLATE NUMBER: 1
 LL PATTERN: 1 HL-93-ED
 COMBINATION TABLE: 1 LRFR2009 1-MaineDOT
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 2
 LL PATTERN: 1 HL-93-ED
 COMBINATION TABLE: 2 LRFR FATIGUE only
 LANE POSITIONS: MLW: No CLW: No CLO: No OLW: Yes OLO: No

----- LOAD TEMPLATES -----

LL TEMPLATE NUMBER: 3
 LL PATTERN: 1 MaineDOT_Config-1
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 4
 LL PATTERN: 1 MaineDOT_Config-2
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 5
 LL PATTERN: 1 MaineDOT_Config-3
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 6
 LL PATTERN: 1 MaineDOT_Config-4
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 7
 LL PATTERN: 1 MaineDOT_Config-5
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 8
 LL PATTERN: 1 MaineDOT_Config-6
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 9
 LL PATTERN: 1 MaineDOT_Config-7
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 10
 LL PATTERN: 1 MaineDOT_Config-8
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY
 MULTI LANE WITH IMPACT
 LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	2	0	0	2	-1	0	0	3	0	2	4	0	-1
0.625	1	2	0	0	2	-1	0	-1	3	0	2	4	-1	-1
1.000	1	2	0	0	2	-2	0	-1	3	0	2	4	-1	-2
1.000	1	3	0	38	2	-2	0	66	3	87	-2	4	8	0
1.000	1	4	0	40	2	-2	0	55	3	87	-1	4	8	0
1.049	1	231	0	83	2	17	0	5	3	83	230	4	4	18
1.050	1	234	0	83	2	18	0	4	3	83	234	4	4	19
1.100	1	444	0	76	2	27	0	1	3	76	440	4	1	31
1.109	1	480	0	75	2	27	0	1	3	75	475	4	0	32
1.150	1	629	0	69	2	26	0	-2	3	69	619	4	-2	35
1.169	1	693	0	66	2	23	0	-3	3	66	681	4	-4	34
1.200	1	783	0	61	2	16	0	-5	3	61	767	4	-6	30
1.203	1	792	0	60	2	15	0	-5	3	61	776	4	-6	30
1.230	1	860	0	56	2	6	0	-7	3	57	840	4	-8	24
1.248	1	902	0	25	2	-2	0	-8	3	54	879	4	-9	18
1.250	1	905	0	24	2	-2	0	-8	3	53	882	4	-9	28
1.300	1	992	0	15	2	-30	0	-12	3	44	962	4	-15	649

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)
1.350	1	1046	0	6	2	-67	0	-15	3	36	1007	4	4	-21	703	703
1.352	1	1047	0	6	2	-68	0	-15	3	36	1008	4	4	-21	705	705
1.400	1	1081	0	-5	2	-113	0	-18	3	28	990	4	4	-28	762	762
1.407	1	1083	0	-12	2	-119	0	-18	3	21	960	4	4	-34	793	793
1.450	1	1065	0	-20	2	-168	0	-21	3	14	923	4	4	-41	772	772
1.500	1	1015	0	-29	2	-232	0	-24	3	7	858	4	4	-50	753	753
1.550	1	951	0	-22	2	-304	0	-27	3	1	756	4	4	-58	703	703
1.585	1	890	0	-28	2	-360	0	-29	3	-3	689	4	4	-64	646	646
1.600	1	862	0	-31	2	-386	0	-30	3	-6	655	4	4	-67	622	622
1.650	1	741	0	-40	2	-477	0	-34	3	-11	447	4	4	-76	509	509
1.686	1	632	0	-42	2	-550	0	-40	3	-15	363	4	4	-82	400	400
1.700	1	594	0	-45	2	-583	0	-41	3	-16	322	4	4	-85	362	362
1.750	1	429	0	-55	2	-705	0	-44	3	-20	57	4	4	-93	184	184
1.764	1	380	0	-67	2	-739	0	-42	3	-18	21	4	4	-104	141	141
1.800	1	227	0	-64	2	-833	0	-46	3	-20	-27	4	4	-110	-29	-29
1.850	1	31	0	-66	2	-975	0	-54	3	-23	-96	4	4	-118	-288	-288
1.882	1	-83	0	-36	2	-1078	0	-83	3	-25	-141	4	4	-122	-468	-468
1.893	1	-105	0	-36	2	-1129	0	-85	3	-26	-157	4	4	-124	-532	-532
1.900	1	-120	0	-36	2	-1164	0	-86	3	-26	-172	4	4	-125	-570	-570
1.950	1	-223	0	-37	2	-1428	0	-100	3	-29	-462	4	4	-132	-872	-872
2.000	1	-319	0	-34	2	-1730	0	-114	3	-32	-549	4	4	-137	-1191	-1191
2.000	1	-320	0	30	2	-1725	0	105	3	127	-1282	4	4	27	-345	-345
2.042	1	-224	0	28	2	-1380	0	98	3	122	-859	4	4	23	-260	-260
2.050	1	-207	0	29	2	-1322	0	97	3	121	-804	4	4	23	-249	-249
2.075	1	-151	0	27	2	-1136	0	90	3	117	-612	4	4	20	-194	-194
2.085	1	-130	0	27	2	-1067	0	93	3	122	-543	4	4	24	-175	-175
2.100	1	-80	0	49	2	-956	0	90	3	119	-428	4	4	22	-118	-118
2.150	1	150	0	52	2	-625	0	78	3	110	-64	4	4	18	-24	-24
2.200	1	379	0	62	2	-365	0	40	3	100	267	4	4	13	49	49
2.202	1	390	0	62	2	-359	0	39	3	100	279	4	4	13	51	51
2.210	1	433	0	61	2	-336	0	38	3	98	327	4	4	12	60	60
2.250	1	649	0	56	2	-225	0	29	3	90	555	4	4	8	104	104
2.300	1	897	0	44	2	-128	0	20	3	80	799	4	4	4	142	142
2.335	1	1046	0	32	2	-79	0	17	3	68	925	4	4	-5	683	683
2.350	1	1095	0	28	2	-58	0	16	3	63	966	4	4	-7	706	706
2.400	1	1228	0	17	2	-5	0	11	3	53	1085	4	4	-15	902	902
2.450	1	1313	0	6	2	29	0	5	3	42	1155	4	4	-24	982	982
2.460	1	1323	0	4	2	29	0	-9	3	41	1163	4	4	-26	991	991
2.485	1	1341	0	-1	2	7	0	-12	3	36	1130	4	4	-30	1057	1057
2.500	1	1347	0	-6	2	-7	0	-13	3	32	1128	4	4	-34	1069	1069
2.550	1	1330	0	-17	2	-69	0	-17	3	22	1102	4	4	-44	1066	1066
2.585	1	1292	0	-19	2	-121	0	-20	3	10	1036	4	4	-58	1055	1055
2.600	1	1263	0	-24	2	-148	0	-22	3	6	974	4	4	-62	1033	1033
2.650	1	1125	0	-36	2	-245	0	-26	3	-2	727	4	4	-73	900	900
2.700	1	936	0	-47	2	-359	0	-30	3	-9	136	4	4	-85	712	712
2.710	1	892	0	-49	2	-383	0	-31	3	-10	126	4	4	-87	667	667
2.750	1	696	0	-58	2	-496	0	-36	3	-13	65	4	4	-96	469	469
2.766	1	607	0	-60	2	-544	0	-39	3	-15	45	4	4	-99	377	377
2.800	1	432	0	-60	2	-672	0	-49	3	-17	-19	4	4	-106	178	178
2.835	1	252	0	-67	2	-818	0	-53	3	-15	-101	4	4	-123	-41	-41
2.850	1	168	0	-69	2	-906	0	-80	3	-15	-136	4	4	-127	-154	-154
2.888	1	-40	0	-63	2	-1171	0	-103	3	-19	-193	4	4	-133	-473	-473
2.900	1	-104	0	-64	2	-1273	0	-106	3	-20	-224	4	4	-136	-575	-575
2.917	1	-164	0	-38	2	-1422	0	-109	3	-22	-253	4	4	-139	-733	-733
2.950	1	-255	0	-32	2	-1713	0	-116	3	-24	-326	4	4	-145	-1033	-1033
3.000	1	-388	0	-35	2	-2211	0	-130	3	-29	-433	4	4	-153	-1521	-1521
3.000	1	-390	0	28	2	-2205	0	118	3	131	-1519	4	4	27	-463	-463
3.042	1	-299	0	26	2	-1817	0	111	3	126	-1084	4	4	23	-378	-378
3.050	1	-287	0	26	2	-1748	0	107	3	125	-1025	4	4	23	-368	-368

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
3.085	1	-217	0	29	2	-1460	0	104	3	125	-752	4	25	-297
3.100	1	-154	0	51	2	-1333	0	102	3	122	-633	4	24	-205
3.113	1	-97	0	55	2	-1233	0	96	3	120	-534	4	23	-181
3.150	1	80	0	54	2	-959	0	85	3	113	-253	4	19	-110
3.200	1	317	0	58	2	-695	0	51	3	104	91	4	15	-31
3.210	1	369	0	57	2	-656	0	49	3	102	153	4	14	-19
3.249	1	572	0	55	2	-519	0	37	3	95	393	4	10	25
3.250	1	575	0	57	2	-516	0	34	3	94	393	4	10	31
3.300	1	829	0	46	2	-398	0	27	3	83	650	4	5	75
3.335	1	980	0	33	2	-329	0	24	3	71	785	4	-3	616
3.350	1	1031	0	29	2	-299	0	23	3	67	831	4	-6	658
3.400	1	1169	0	18	2	-216	0	19	3	57	965	4	-14	854
3.450	1	1260	0	7	2	-151	0	14	3	46	1050	4	-23	941
3.460	1	1272	0	6	2	-141	0	13	3	45	1061	4	-24	951
3.500	1	1301	0	-4	2	-104	0	10	3	36	1085	4	-32	986
3.510	1	1302	0	-6	2	-103	0	-7	3	34	1048	4	-34	1027
3.550	1	1292	0	-15	2	-138	0	-13	3	26	1035	4	-42	1030
3.585	1	1259	0	-17	2	-179	0	-16	3	14	978	4	-56	1023
3.600	1	1233	0	-22	2	-202	0	-17	3	10	925	4	-60	1004
3.650	1	1103	0	-34	2	-283	0	-22	3	2	123	4	-71	879
3.700	1	921	0	-45	2	-381	0	-26	3	-2	101	4	-83	698
3.710	1	879	0	-47	2	-402	0	-27	3	-3	96	4	-85	655
3.750	1	689	0	-56	2	-502	0	-32	3	-7	55	4	-94	464
3.765	1	609	0	-56	2	-542	0	-36	3	-8	43	4	-97	380
3.800	1	438	0	-57	2	-667	0	-47	3	-11	-7	4	-104	181
3.835	1	269	0	-63	2	-807	0	-51	3	-8	-70	4	-121	-32
3.850	1	190	0	-65	2	-894	0	-78	3	-9	-98	4	-125	-142
3.887	1	-6	0	-59	2	-1153	0	-101	3	-12	-134	4	-131	-455
3.900	1	-65	0	-60	2	-1255	0	-99	3	-13	-159	4	-135	-556
3.917	1	-119	0	-34	2	-1399	0	-107	3	-15	-180	4	-137	-710
3.950	1	-203	0	-29	2	-1685	0	-114	3	-18	-235	4	-143	-1005
4.000	1	-293	0	-23	2	-2175	0	-128	3	-22	-316	4	-151	-1485
4.000	1	-297	0	29	2	-2168	0	118	3	131	-1482	4	26	-396
4.042	1	-205	0	26	2	-1782	0	110	3	126	-1048	4	22	-315
4.050	1	-196	0	27	2	-1712	0	106	3	124	-989	4	22	-305
4.085	1	-110	0	34	2	-1427	0	104	3	124	-717	4	24	-236
4.100	1	-68	0	33	2	-1300	0	101	3	122	-598	4	23	-148
4.112	1	-29	0	51	2	-1201	0	95	3	120	-501	4	22	-124
4.150	1	138	0	53	2	-928	0	84	3	113	-222	4	18	-57
4.200	1	371	0	57	2	-668	0	50	3	103	120	4	14	18
4.210	1	422	0	56	2	-630	0	47	3	101	182	4	13	30
4.234	1	549	0	58	2	-542	0	36	3	97	335	4	10	57
4.250	1	630	0	56	2	-498	0	34	3	93	419	4	9	76
4.300	1	878	0	44	2	-381	0	26	3	83	674	4	4	116
4.335	1	1026	0	32	2	-313	0	24	3	71	808	4	-4	656
4.350	1	1075	0	27	2	-284	0	23	3	67	853	4	-7	696
4.400	1	1206	0	17	2	-202	0	18	3	56	983	4	-15	888
4.450	1	1291	0	6	2	-138	0	14	3	46	1066	4	-24	971
4.460	1	1302	0	4	2	-128	0	13	3	44	1077	4	-26	980
4.500	1	1327	0	-5	2	-93	0	9	3	35	1098	4	-33	1012
4.503	1	1327	0	-6	2	-91	0	9	3	35	1057	4	-34	1054
4.550	1	1312	0	-17	2	-127	0	-14	3	25	1043	4	-43	1053
4.585	1	1276	0	-18	2	-170	0	-17	3	13	985	4	-57	1043
4.600	1	1248	0	-23	2	-193	0	-18	3	9	930	4	-61	1023
4.650	1	1113	0	-35	2	-275	0	-22	3	2	126	4	-73	893
4.700	1	926	0	-47	2	-375	0	-26	3	-3	102	4	-84	708
4.710	1	883	0	-48	2	-396	0	-27	3	-4	97	4	-86	664
4.750	1	689	0	-58	2	-497	0	-32	3	-7	54	4	-95	469
4.765	1	605	0	-57	2	-539	0	-37	3	-9	41	4	-98	381
4.800	1	434	0	-57	2	-666	0	-49	3	-12	-10	4	-106	181

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
4.835	1	264	0	-64	2	-810	0	-53	3	-9	-75	4	-122	-35
4.850	1	184	0	-65	2	-898	0	-79	3	-9	-103	4	-126	-146
4.887	1	-14	0	-59	2	-1161	0	-102	3	-13	-141	4	-133	-464
4.900	1	-74	0	-60	2	-1264	0	-100	3	-14	-167	4	-136	-565
4.917	1	-129	0	-35	2	-1410	0	-109	3	-15	-188	4	-139	-721
4.950	1	-214	0	-29	2	-1699	0	-115	3	-18	-245	4	-145	-1019
5.000	1	-305	0	-24	2	-2194	0	-130	3	-23	-328	4	-152	-1504
5.000	1	-309	0	29	2	-2187	0	118	3	131	-1501	4	26	-410
5.042	1	-216	0	26	2	-1800	0	110	3	126	-1066	4	22	-328
5.050	1	-206	0	27	2	-1730	0	107	3	125	-1007	4	22	-318
5.085	1	-119	0	34	2	-1444	0	104	3	125	-734	4	24	-247
5.100	1	-77	0	34	2	-1317	0	101	3	122	-616	4	23	-158
5.112	1	-38	0	51	2	-1217	0	95	3	120	-518	4	22	-134
5.150	1	129	0	53	2	-944	0	84	3	113	-238	4	19	-66
5.200	1	364	0	57	2	-684	0	49	3	103	104	4	14	10
5.210	1	414	0	57	2	-647	0	47	3	101	166	4	13	22
5.239	1	565	0	58	2	-544	0	36	3	96	346	4	10	54
5.250	1	622	0	56	2	-513	0	34	3	93	404	4	9	69
5.300	1	869	0	44	2	-394	0	27	3	83	659	4	4	110
5.335	1	1017	0	31	2	-324	0	24	3	71	793	4	-4	651
5.350	1	1066	0	27	2	-294	0	23	3	67	838	4	-7	692
5.400	1	1197	0	16	2	-210	0	19	3	56	969	4	-15	885
5.450	1	1282	0	6	2	-144	0	14	3	46	1052	4	-24	969
5.460	1	1292	0	4	2	-134	0	13	3	44	1063	4	-25	979
5.500	1	1317	0	-5	2	-97	0	10	3	35	1085	4	-33	1011
5.504	1	1317	0	-6	2	-93	0	9	3	34	1045	4	-34	1053
5.550	1	1301	0	-17	2	-129	0	-13	3	25	1030	4	-43	1053
5.585	1	1265	0	-19	2	-169	0	-16	3	13	973	4	-57	1045
5.600	1	1237	0	-23	2	-191	0	-17	3	9	917	4	-61	1025
5.650	1	1102	0	-35	2	-272	0	-22	3	2	112	4	-72	896
5.700	1	915	0	-47	2	-369	0	-26	3	-3	91	4	-84	712
5.710	1	871	0	-49	2	-390	0	-27	3	-4	85	4	-85	669
5.750	1	677	0	-58	2	-490	0	-32	3	-7	43	4	-95	475
5.764	1	599	0	-57	2	-528	0	-36	3	-9	31	4	-97	394
5.800	1	422	0	-57	2	-658	0	-48	3	-12	-22	4	-105	189
5.835	1	251	0	-64	2	-802	0	-52	3	-9	-86	4	-122	-26
5.850	1	171	0	-65	2	-890	0	-79	3	-9	-114	4	-126	-137
5.888	1	-28	0	-65	2	-1152	0	-102	3	-13	-152	4	-132	-454
5.900	1	-91	0	-60	2	-1254	0	-100	3	-14	-177	4	-135	-555
5.917	1	-159	0	-29	2	-1400	0	-108	3	-15	-198	4	-138	-711
5.950	1	-227	0	-21	2	-1689	0	-115	3	-18	-255	4	-144	-1008
6.000	1	-315	0	-24	2	-2182	0	-129	3	-23	-337	4	-152	-1491
6.000	1	-319	0	30	2	-2175	0	118	3	131	-1488	4	28	-439
6.042	1	-223	0	27	2	-1789	0	110	3	125	-1055	4	23	-352
6.050	1	-214	0	28	2	-1719	0	106	3	124	-996	4	23	-341
6.085	1	-125	0	35	2	-1434	0	104	3	124	-724	4	26	-257
6.100	1	-82	0	35	2	-1307	0	101	3	121	-606	4	25	-167
6.112	1	-42	0	52	2	-1209	0	95	3	119	-508	4	24	-141
6.150	1	128	0	54	2	-937	0	84	3	112	-231	4	20	-62
6.200	1	366	0	58	2	-679	0	49	3	103	109	4	16	27
6.210	1	417	0	58	2	-643	0	47	3	101	171	4	15	41
6.237	1	562	0	59	2	-546	0	36	3	96	340	4	12	75
6.250	1	627	0	56	2	-510	0	34	3	92	407	4	11	102
6.300	1	872	0	44	2	-387	0	28	3	82	661	4	7	125
6.335	1	1018	0	31	2	-315	0	25	3	70	792	4	-3	661
6.350	1	1066	0	26	2	-284	0	24	3	66	837	4	-6	702
6.400	1	1194	0	16	2	-195	0	20	3	56	966	4	-14	890
6.450	1	1277	0	5	2	-126	0	15	3	45	1046	4	-23	988
6.460	1	1287	0	4	2	-114	0	14	3	43	1056	4	-24	999

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
6.500	1	1309	0	-6	2	-74	0	11	3	34	1076	4	-32	1034
6.506	1	1309	0	-7	2	-69	0	10	3	33	1035	4	-33	1077
6.550	1	1291	0	-17	2	-70	0	-8	3	25	1018	4	-42	1081
6.585	1	1253	0	-19	2	-104	0	-14	3	13	958	4	-56	1074
6.600	1	1225	0	-24	2	-123	0	-15	3	9	899	4	-60	1056
6.650	1	1086	0	-36	2	-193	0	-19	3	1	96	4	-71	930
6.700	1	896	0	-47	2	-285	0	-25	3	-4	70	4	-83	750
6.710	1	852	0	-49	2	-305	0	-26	3	-4	65	4	-84	707
6.750	1	655	0	-59	2	-397	0	-29	3	-8	19	4	-94	516
6.769	1	552	0	-54	2	-445	0	-40	3	-10	2	4	-97	411
6.800	1	396	0	-58	2	-557	0	-46	3	-12	-49	4	-104	233
6.835	1	222	0	-65	2	-700	0	-69	3	-9	-113	4	-121	20
6.850	1	140	0	-67	2	-789	0	-78	3	-10	-142	4	-125	-91
6.900	1	-127	0	-64	2	-1144	0	-99	3	-14	-207	4	-135	-506
6.917	1	-196	0	-21	2	-1284	0	-103	3	-16	-229	4	-138	-662
6.950	1	-260	0	-21	2	-1563	0	-112	3	-18	-287	4	-144	-956
7.000	1	-349	0	-24	2	-2038	0	-125	3	-23	-370	4	-151	-1437
7.000	1	-352	0	33	2	-2032	0	117	3	130	-1408	4	31	-631
7.050	1	-258	0	32	2	-1667	0	110	3	126	-1001	4	29	-544
7.053	1	-252	0	32	2	-1647	0	109	3	126	-978	4	28	-539
7.100	1	-146	0	38	2	-1328	0	102	3	119	-673	4	26	-420
7.106	1	-132	0	39	2	-1294	0	101	3	123	-640	4	33	-166
7.125	1	-83	0	39	2	-1173	0	95	3	121	-516	4	31	-126
7.150	1	7	0	57	2	-1024	0	90	3	117	-361	4	30	-70
7.200	1	214	0	59	2	-824	0	54	3	109	-64	4	26	112
7.250	1	450	0	62	2	-662	0	46	3	101	207	4	21	272
7.262	1	505	0	60	2	-627	0	45	3	99	269	4	20	307
7.281	1	589	0	62	2	-574	0	37	3	97	363	4	18	362
7.300	1	675	0	58	2	-528	0	36	3	93	450	4	16	421
7.350	1	878	0	50	2	-418	0	32	3	84	662	4	12	557
7.400	1	1055	0	38	2	-319	0	29	3	75	839	4	7	658
7.418	1	1112	0	28	2	-286	0	28	3	66	873	4	0	745
7.450	1	1187	0	22	2	-231	0	26	3	60	940	4	-4	898
7.500	1	1275	0	13	2	-152	0	23	3	50	1015	4	-11	1023
7.550	1	1325	0	3	2	-86	0	19	3	41	1049	4	-19	1108
7.575	1	1332	0	-1	2	-57	0	17	3	37	1053	4	-22	1134
7.600	1	1340	0	8	2	-31	0	16	3	32	1045	4	-26	1164
7.643	1	1338	0	1	2	7	0	12	3	25	969	4	-32	1226
7.650	1	1338	0	-2	2	12	0	12	3	22	956	4	-34	1239
7.700	1	1296	0	-12	2	44	0	8	3	14	875	4	-43	1232
7.731	1	1244	0	-28	2	57	0	7	3	8	89	4	-58	1210
7.750	1	1206	0	-33	2	58	0	7	3	7	85	4	-62	1175
7.800	1	1061	0	-44	2	65	0	4	3	4	83	4	-73	1041
7.850	1	867	0	-83	2	63	0	1	3	1	72	4	-83	856
7.865	1	795	0	-86	2	63	0	0	3	0	71	4	-86	786
7.900	1	625	0	-93	2	51	0	-2	3	-2	55	4	-93	620
7.950	1	335	0	-103	2	29	0	-5	3	-5	30	4	-103	334
7.994	1	39	0	-96	2	2	0	-23	3	-8	11	4	-110	37
8.000	1	11	0	-40	2	-9	0	-55	3	-8	8	4	-111	-3
8.000	1	0	0	1	2	-6	0	9	3	9	-6	4	1	0
8.375	1	0	0	0	2	-4	0	9	3	9	-4	4	0	0
9.000	1	0	0	0	2	0	0	0	3	8	0	4	0	0

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
0.000	5	2	0	0	6	-1	0	0	7	0	2	8	8	0	-1	-1
0.625	5	2	0	0	6	-1	0	-1	7	0	2	8	8	-1	-1	-1
1.000	5	2	0	0	6	-1	0	-1	7	0	2	8	8	-1	-1	-1
1.000	5	2	0	34	6	-2	0	57	7	73	-1	8	11	0	0	0
1.000	5	3	0	37	6	-1	0	48	7	73	0	8	11	0	0	0
1.049	5	192	0	69	6	26	0	8	7	69	192	8	8	27	27	27
1.050	5	195	0	69	6	28	0	8	7	69	195	8	8	28	28	28
1.100	5	370	0	63	6	45	0	5	7	63	366	8	4	48	48	48
1.109	5	399	0	62	6	48	0	4	7	62	396	8	4	51	51	51
1.150	5	523	0	56	6	54	0	1	7	56	515	8	1	61	61	61
1.169	5	576	0	54	6	55	0	0	7	54	566	8	0	63	63	63
1.200	5	650	0	49	6	54	0	-2	7	50	637	8	-2	65	65	65
1.203	5	657	0	49	6	53	0	-2	7	49	644	8	-2	65	65	65
1.230	5	713	0	45	6	49	0	-4	7	46	698	8	-4	63	63	63
1.248	5	748	0	21	6	45	0	-5	7	44	730	8	-6	60	60	60
1.250	5	750	0	20	6	44	0	-5	7	43	732	8	-6	68	68	68
1.300	5	821	0	13	6	26	0	-8	7	35	797	8	-11	550	550	550
1.350	5	864	0	5	6	-1	0	-11	7	28	834	8	-16	593	593	593
1.352	5	865	0	5	6	-2	0	-11	7	28	835	8	-16	594	594	594
1.400	5	890	0	-5	6	-38	0	-14	7	21	813	8	-22	644	644	644
1.407	5	891	0	-11	6	-43	0	-15	7	15	790	8	-28	667	667	667
1.450	5	874	0	-18	6	-84	0	-18	7	9	758	8	-33	647	647	647
1.500	5	828	0	-25	6	-139	0	-21	7	3	702	8	-41	626	626	626
1.550	5	770	0	-21	6	-203	0	-24	7	-3	615	8	-49	579	579	579
1.585	5	716	0	-25	6	-252	0	-26	7	-6	557	8	-54	527	527	527
1.600	5	690	0	-28	6	-276	0	-27	7	-8	527	8	-56	505	505	505
1.650	5	583	0	-36	6	-358	0	-31	7	-13	355	8	-64	404	404	404
1.686	5	488	0	-38	6	-424	0	-37	7	-17	280	8	-69	309	309	309
1.700	5	454	0	-40	6	-454	0	-38	7	-18	245	8	-71	275	275	275
1.750	5	311	0	-49	6	-567	0	-41	7	-22	24	8	-79	119	119	119
1.764	5	268	0	-58	6	-599	0	-40	7	-20	-8	8	-88	80	80	80
1.800	5	137	0	-57	6	-686	0	-44	7	-22	-59	8	-93	-66	-66	-66
1.850	5	-35	0	-59	6	-819	0	-50	7	-25	-133	8	-100	-289	-289	-289
1.882	5	-137	0	-36	6	-915	0	-74	7	-27	-181	8	-104	-445	-445	-445
1.893	5	-159	0	-36	6	-961	0	-75	7	-28	-199	8	-105	-500	-500	-500
1.900	5	-174	0	-36	6	-991	0	-76	7	-29	-214	8	-106	-533	-533	-533
1.950	5	-278	0	-38	6	-1224	0	-88	7	-32	-462	8	-112	-794	-794	-794
2.000	5	-379	0	-36	6	-1487	0	-99	7	-35	-556	8	-118	-1071	-1071	-1071
2.000	5	-380	0	33	6	-1483	0	93	7	110	-1141	8	31	-398	-398	-398
2.042	5	-272	0	30	6	-1179	0	86	7	105	-777	8	27	-300	-300	-300
2.050	5	-254	0	31	6	-1127	0	86	7	104	-728	8	27	-286	-286	-286
2.075	5	-193	0	30	6	-964	0	79	7	100	-560	8	24	-226	-226	-226
2.085	5	-170	0	29	6	-903	0	82	7	104	-499	8	27	-204	-204	-204
2.100	5	-121	0	46	6	-806	0	79	7	101	-398	8	26	-150	-150	-150
2.150	5	87	0	47	6	-514	0	68	7	93	-81	8	21	-46	-46	-46
2.200	5	292	0	55	6	-283	0	37	7	84	205	8	16	36	36	36
2.202	5	301	0	55	6	-277	0	36	7	84	215	8	16	39	39	39
2.210	5	339	0	54	6	-255	0	35	7	83	256	8	15	50	50	50
2.250	5	526	0	49	6	-152	0	28	7	75	454	8	12	102	102	102
2.300	5	739	0	39	6	-58	0	19	7	66	663	8	7	150	150	150
2.335	5	866	0	29	6	-10	0	16	7	56	773	8	-1	578	578	578
2.350	5	908	0	25	6	10	0	15	7	52	809	8	-3	600	600	600
2.400	5	1021	0	15	6	60	0	10	7	43	911	8	-10	759	759	759
2.450	5	1093	0	5	6	91	0	5	7	33	970	8	-18	826	826	826
2.460	5	1101	0	4	6	92	0	-7	7	32	977	8	-20	834	834	834
2.485	5	1116	0	-1	6	76	0	-9	7	28	942	8	-23	896	896	896
2.500	5	1120	0	-5	6	64	0	-10	7	24	940	8	-27	905	905	905
2.550	5	1103	0	-15	6	14	0	-15	7	16	917	8	-35	899	899	899
2.585	5	1068	0	-17	6	-31	0	-18	7	5	861	8	-47	885	885	885

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
2.600	5	1042	0	-21	6	-56	0	-19	7	2	810	8	-51	865		
2.650	5	921	0	-32	6	-143	0	-24	7	-5	606	8	-61	747		
2.700	5	756	0	-42	6	-248	0	-28	7	-11	133	8	-71	582		
2.710	5	717	0	-44	6	-270	0	-29	7	-12	122	8	-73	543		
2.750	5	546	0	-52	6	-375	0	-34	7	-16	58	8	-81	370		
2.766	5	469	0	-53	6	-419	0	-36	7	-17	34	8	-83	291		
2.800	5	315	0	-53	6	-539	0	-46	7	-20	-32	8	-90	117		
2.835	5	156	0	-60	6	-675	0	-50	7	-19	-116	8	-104	-75		
2.850	5	82	0	-61	6	-753	0	-71	7	-20	-152	8	-107	-173		
2.888	5	-104	0	-57	6	-987	0	-90	7	-23	-221	8	-113	-449		
2.900	5	-162	0	-58	6	-1076	0	-92	7	-25	-254	8	-116	-538		
2.917	5	-221	0	-39	6	-1206	0	-95	7	-26	-290	8	-118	-675		
2.950	5	-317	0	-35	6	-1461	0	-101	7	-29	-372	8	-124	-936		
3.000	5	-463	0	-38	6	-1894	0	-114	7	-34	-498	8	-131	-1362		
3.000	5	-464	0	33	6	-1889	0	103	7	114	-1360	8	31	-520		
3.042	5	-359	0	30	6	-1550	0	97	7	108	-984	8	27	-420		
3.050	5	-344	0	30	6	-1490	0	93	7	107	-932	8	27	-406		
3.085	5	-265	0	32	6	-1239	0	91	7	107	-692	8	29	-326		
3.100	5	-205	0	48	6	-1128	0	89	7	105	-587	8	27	-245		
3.113	5	-153	0	51	6	-1041	0	84	7	103	-501	8	26	-217		
3.150	5	9	0	49	6	-801	0	74	7	96	-257	8	23	-138		
3.200	5	221	0	52	6	-564	0	47	7	88	42	8	18	-48		
3.210	5	265	0	51	6	-528	0	45	7	86	96	8	17	-34		
3.249	5	441	0	48	6	-401	0	35	7	80	303	8	13	19		
3.250	5	445	0	51	6	-397	0	32	7	79	303	8	13	24		
3.300	5	664	0	41	6	-286	0	25	7	69	526	8	9	79		
3.335	5	794	0	30	6	-221	0	22	7	59	644	8	1	508		
3.350	5	838	0	26	6	-193	0	21	7	56	684	8	-1	545		
3.400	5	957	0	16	6	-118	0	17	7	46	800	8	-8	708		
3.450	5	1036	0	7	6	-61	0	12	7	37	874	8	-16	781		
3.460	5	1046	0	6	6	-52	0	11	7	36	884	8	-18	790		
3.500	5	1071	0	-3	6	-22	0	8	7	28	905	8	-25	819		
3.510	5	1072	0	-5	6	-21	0	-6	7	26	867	8	-26	860		
3.550	5	1062	0	-13	6	-49	0	-11	7	19	856	8	-33	861		
3.585	5	1033	0	-15	6	-85	0	-15	7	9	809	8	-45	851		
3.600	5	1010	0	-19	6	-104	0	-16	7	5	765	8	-49	834		
3.650	5	898	0	-30	6	-177	0	-20	7	-1	136	8	-59	725		
3.700	5	740	0	-40	6	-268	0	-24	7	-6	104	8	-69	568		
3.710	5	704	0	-42	6	-288	0	-25	7	-7	96	8	-70	531		
3.750	5	539	0	-50	6	-380	0	-30	7	-11	49	8	-78	365		
3.765	5	470	0	-50	6	-418	0	-33	7	-12	33	8	-81	293		
3.800	5	321	0	-50	6	-533	0	-44	7	-15	-22	8	-88	120		
3.835	5	172	0	-56	6	-664	0	-48	7	-14	-89	8	-101	-65		
3.850	5	102	0	-57	6	-740	0	-69	7	-14	-120	8	-105	-161		
3.887	5	-73	0	-54	6	-968	0	-88	7	-18	-171	8	-111	-430		
3.900	5	-127	0	-54	6	-1056	0	-86	7	-19	-199	8	-114	-517		
3.917	5	-181	0	-35	6	-1181	0	-93	7	-21	-227	8	-116	-650		
3.950	5	-270	0	-32	6	-1430	0	-99	7	-23	-294	8	-122	-905		
4.000	5	-380	0	-29	6	-1855	0	-112	7	-28	-398	8	-129	-1323		
4.000	5	-383	0	33	6	-1850	0	103	7	113	-1320	8	30	-459		
4.042	5	-278	0	30	6	-1513	0	96	7	108	-946	8	26	-363		
4.050	5	-265	0	30	6	-1452	0	93	7	107	-894	8	26	-349		
4.085	5	-173	0	35	6	-1203	0	91	7	106	-655	8	28	-271		
4.100	5	-130	0	34	6	-1093	0	88	7	104	-551	8	26	-192		
4.112	5	-92	0	48	6	-1006	0	83	7	102	-466	8	25	-165		
4.150	5	61	0	48	6	-768	0	74	7	96	-223	8	22	-89		
4.200	5	269	0	51	6	-535	0	47	7	87	73	8	17	-3		
4.210	5	313	0	50	6	-500	0	44	7	85	126	8	16	11		
4.234	5	423	0	52	6	-418	0	34	7	82	258	8	14	44		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)
4.250	5	494	0	50	6	-377	0	31	7	78	332	8	12	66		
4.300	5	708	0	39	6	-267	0	25	7	69	551	8	8	117		
4.335	5	836	0	28	6	-203	0	22	7	59	667	8	0	544		
4.350	5	878	0	25	6	-176	0	21	7	55	707	8	-2	579		
4.400	5	992	0	15	6	-102	0	16	7	46	820	8	-9	739		
4.450	5	1065	0	6	6	-47	0	12	7	36	891	8	-17	808		
4.460	5	1074	0	4	6	-38	0	11	7	35	900	8	-19	817		
4.500	5	1095	0	-4	6	-10	0	7	7	27	919	8	-26	842		
4.503	5	1095	0	-4	6	-8	0	7	7	27	878	8	-26	884		
4.550	5	1081	0	-14	6	-38	0	-12	7	18	865	8	-35	882		
4.585	5	1049	0	-17	6	-75	0	-15	7	8	816	8	-46	870		
4.600	5	1025	0	-21	6	-95	0	-16	7	5	771	8	-50	851		
4.650	5	907	0	-31	6	-170	0	-20	7	-2	139	8	-60	737		
4.700	5	745	0	-41	6	-262	0	-25	7	-7	106	8	-70	577		
4.710	5	708	0	-43	6	-282	0	-26	7	-8	98	8	-71	539		
4.750	5	540	0	-51	6	-377	0	-30	7	-11	49	8	-80	370		
4.765	5	467	0	-51	6	-416	0	-34	7	-13	32	8	-82	294		
4.800	5	318	0	-51	6	-534	0	-45	7	-15	-25	8	-89	120		
4.835	5	167	0	-56	6	-667	0	-49	7	-14	-94	8	-103	-68		
4.850	5	97	0	-58	6	-745	0	-70	7	-15	-125	8	-106	-165		
4.887	5	-80	0	-54	6	-976	0	-89	7	-18	-178	8	-112	-438		
4.900	5	-135	0	-55	6	-1065	0	-87	7	-19	-207	8	-115	-526		
4.917	5	-190	0	-36	6	-1192	0	-94	7	-21	-235	8	-117	-661		
4.950	5	-280	0	-32	6	-1444	0	-100	7	-24	-304	8	-123	-919		
5.000	5	-392	0	-29	6	-1873	0	-113	7	-29	-410	8	-130	-1341		
5.000	5	-395	0	33	6	-1867	0	103	7	113	-1338	8	31	-473		
5.042	5	-289	0	30	6	-1530	0	96	7	108	-963	8	26	-375		
5.050	5	-276	0	30	6	-1469	0	93	7	107	-911	8	26	-362		
5.085	5	-183	0	36	6	-1219	0	91	7	107	-672	8	28	-282		
5.100	5	-140	0	35	6	-1108	0	88	7	104	-568	8	27	-202		
5.112	5	-101	0	48	6	-1022	0	83	7	102	-482	8	25	-176		
5.150	5	52	0	49	6	-783	0	74	7	96	-239	8	22	-99		
5.200	5	261	0	51	6	-550	0	45	7	87	58	8	17	-12		
5.210	5	305	0	50	6	-516	0	44	7	86	112	8	16	3		
5.239	5	436	0	52	6	-420	0	33	7	81	267	8	14	42		
5.250	5	485	0	50	6	-390	0	32	7	78	317	8	13	58		
5.300	5	700	0	39	6	-279	0	25	7	69	538	8	8	110		
5.335	5	827	0	28	6	-213	0	22	7	59	654	8	0	539		
5.350	5	869	0	25	6	-186	0	21	7	55	693	8	-2	574		
5.400	5	983	0	15	6	-110	0	17	7	46	807	8	-9	735		
5.450	5	1056	0	6	6	-53	0	12	7	36	879	8	-17	806		
5.460	5	1065	0	4	6	-44	0	11	7	35	888	8	-19	814		
5.500	5	1086	0	-4	6	-14	0	8	7	27	907	8	-25	841		
5.504	5	1086	0	-5	6	-11	0	7	7	26	867	8	-26	882		
5.550	5	1072	0	-14	6	-40	0	-11	7	18	854	8	-34	881		
5.585	5	1040	0	-17	6	-75	0	-15	7	8	805	8	-46	870		
5.600	5	1015	0	-21	6	-95	0	-16	7	5	760	8	-50	851		
5.650	5	898	0	-31	6	-168	0	-20	7	-2	128	8	-60	739		
5.700	5	736	0	-41	6	-259	0	-24	7	-7	96	8	-69	580		
5.710	5	698	0	-43	6	-278	0	-25	7	-8	88	8	-71	542		
5.750	5	530	0	-51	6	-372	0	-30	7	-11	39	8	-79	374		
5.764	5	462	0	-50	6	-407	0	-34	7	-12	24	8	-82	304		
5.800	5	309	0	-50	6	-528	0	-45	7	-15	-34	8	-89	126		
5.835	5	157	0	-56	6	-660	0	-49	7	-14	-102	8	-102	-62		
5.850	5	87	0	-58	6	-739	0	-70	7	-15	-134	8	-106	-158		
5.888	5	-91	0	-58	6	-969	0	-88	7	-18	-187	8	-112	-430		
5.900	5	-148	0	-55	6	-1058	0	-87	7	-19	-215	8	-115	-518		
5.917	5	-213	0	-31	6	-1184	0	-94	7	-21	-243	8	-117	-652		
5.950	5	-290	0	-26	6	-1435	0	-100	7	-24	-312	8	-123	-910		
6.000	5	-400	0	-29	6	-1863	0	-112	7	-29	-417	8	-130	-1331		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
6.000	5	-402	0	33	6	-1858	0	103	7	113	-1328	8	32	-495		
6.042	5	-294	0	31	6	-1521	0	96	7	108	-954	8	28	-393		
6.050	5	-281	0	31	6	-1460	0	93	7	107	-902	8	28	-379		
6.085	5	-187	0	36	6	-1211	0	90	7	106	-663	8	29	-289		
6.100	5	-143	0	35	6	-1101	0	88	7	104	-560	8	28	-209		
6.112	5	-104	0	49	6	-1015	0	83	7	102	-474	8	27	-180		
6.150	5	52	0	49	6	-777	0	74	7	95	-232	8	23	-95		
6.200	5	264	0	52	6	-545	0	45	7	87	63	8	19	2		
6.210	5	308	0	51	6	-511	0	43	7	85	116	8	18	18		
6.237	5	433	0	52	6	-421	0	33	7	81	263	8	15	58		
6.250	5	490	0	50	6	-387	0	32	7	78	321	8	14	84		
6.300	5	703	0	39	6	-273	0	26	7	68	540	8	10	122		
6.335	5	828	0	28	6	-205	0	23	7	58	655	8	1	548		
6.350	5	870	0	24	6	-177	0	22	7	55	694	8	-1	584		
6.400	5	982	0	15	6	-98	0	17	7	45	806	8	-8	739		
6.450	5	1054	0	5	6	-37	0	13	7	36	875	8	-16	822		
6.460	5	1062	0	4	6	-28	0	12	7	34	884	8	-18	831		
6.500	5	1081	0	-4	6	5	0	8	7	27	902	8	-24	860		
6.506	5	1081	0	-6	6	9	0	8	7	26	861	8	-25	902		
6.550	5	1066	0	-15	6	6	0	-7	7	18	846	8	-33	903		
6.585	5	1032	0	-17	6	-23	0	-13	7	8	796	8	-45	894		
6.600	5	1007	0	-21	6	-41	0	-14	7	4	748	8	-49	877		
6.650	5	888	0	-31	6	-106	0	-18	7	-2	117	8	-59	767		
6.700	5	723	0	-42	6	-192	0	-24	7	-7	82	8	-69	611		
6.710	5	685	0	-43	6	-211	0	-25	7	-8	75	8	-70	573		
6.750	5	515	0	-51	6	-298	0	-28	7	-12	23	8	-78	407		
6.769	5	426	0	-47	6	-343	0	-38	7	-13	1	8	-82	317		
6.800	5	290	0	-51	6	-448	0	-43	7	-16	-53	8	-88	162		
6.835	5	137	0	-58	6	-579	0	-61	7	-14	-122	8	-102	-24		
6.850	5	65	0	-59	6	-659	0	-69	7	-15	-153	8	-105	-120		
6.900	5	-174	0	-58	6	-970	0	-86	7	-20	-236	8	-114	-478		
6.917	5	-239	0	-25	6	-1092	0	-90	7	-21	-265	8	-117	-612		
6.950	5	-313	0	-26	6	-1335	0	-98	7	-24	-334	8	-122	-867		
7.000	5	-423	0	-29	6	-1750	0	-109	7	-29	-440	8	-129	-1286		
7.000	5	-425	0	36	6	-1744	0	103	7	113	-1263	8	35	-641		
7.050	5	-319	0	34	6	-1425	0	96	7	109	-911	8	32	-540		
7.053	5	-313	0	34	6	-1407	0	96	7	108	-891	8	32	-534		
7.100	5	-203	0	39	6	-1129	0	89	7	102	-623	8	29	-415		
7.106	5	-189	0	40	6	-1099	0	89	7	106	-594	8	35	-215		
7.125	5	-140	0	39	6	-992	0	84	7	103	-486	8	33	-173		
7.150	5	-56	0	52	6	-862	0	79	7	100	-350	8	31	-116		
7.200	5	129	0	53	6	-677	0	51	7	93	-91	8	27	50		
7.250	5	334	0	55	6	-526	0	44	7	86	145	8	23	197		
7.262	5	382	0	53	6	-492	0	43	7	84	199	8	22	229		
7.281	5	454	0	55	6	-443	0	35	7	82	280	8	20	279		
7.300	5	529	0	52	6	-400	0	34	7	79	356	8	19	332		
7.350	5	707	0	44	6	-297	0	30	7	71	540	8	14	455		
7.400	5	860	0	35	6	-206	0	27	7	63	694	8	9	548		
7.418	5	910	0	26	6	-176	0	26	7	55	726	8	4	620		
7.450	5	976	0	21	6	-126	0	23	7	50	785	8	0	745		
7.500	5	1054	0	13	6	-56	0	20	7	42	854	8	-6	851		
7.550	5	1100	0	4	6	1	0	16	7	33	887	8	-13	922		
7.575	5	1108	0	0	6	26	0	14	7	30	893	8	-16	944		
7.600	5	1116	0	7	6	47	0	13	7	25	889	8	-20	969		
7.643	5	1115	0	1	6	78	0	10	7	19	820	8	-25	1029		
7.650	5	1116	0	-1	6	81	0	9	7	17	810	8	-27	1039		
7.700	5	1081	0	-10	6	104	0	6	7	10	746	8	-35	1031		
7.731	5	1038	0	-24	6	112	0	4	7	5	136	8	-46	1011		
7.750	5	1006	0	-28	6	110	0	3	7	4	132	8	-50	982		
7.800	5	885	0	-37	6	108	0	0	7	0	122	8	-59	870		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COR V (kips)	COMB NO	MIN MOMENT			COR V (kips)	COMB NO	MAX SHEAR			COR V (kips)	COMB NO	MIN SHEAR			COR V (kips)	COMB NO
		M (ft-k)	COR ML (ft-k)				M (ft-k)	COR ML (ft-k)				V (kips)	COR M (ft-k)				V (kips)	COR M (ft-k)			
7.850	5	724	0		-68	6	96	0		-3	7	-3	103	8		-68	715				
7.865	5	664	0		-71	6	93	0		-4	7	-4	99	8		-71	657				
7.900	5	522	0		-77	6	73	0		-6	7	-6	77	8		-77	518				
7.950	5	279	0		-86	6	41	0		-9	7	-9	41	8		-86	279				
7.994	5	33	0		-81	6	4	0		-24	7	-12	11	8		-92	31				
8.000	5	9	0		-37	6	-7	0		-50	7	-13	6	8		-93	-2				
8.000	5	0	0		1	6	-4	0		7	7	7	-4	8		1	0				
8.375	5	0	0		0	6	-3	0		7	7	7	-3	8		0	0				
9.000	5	0	0		0	6	0	0		0	7	6	0	8		0	0				

FATIGUE-INFINITE

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD				CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
	ADL MOM	ADL M LAT	BDL+DW MOM	BDL+DW M LAT	LOAD COMB	LL CASE	MAX MOM						
	(ft-k)	(ft-k)	(ft-k)	(ft-k)	NO	NO	(ft-k)						
0.000	0	0	0	0	1	2	1	0	2	2	0	0	
0.625	0	0	0	0	1	2	1	0	2	2	0	0	
1.000	0	0	0	0	1	2	1	0	2	2	0	0	
1.000	0	0	0	0	1	2	1	0	2	2	-1	0	
1.000	0	0	0	0	1	2	1	0	2	2	0	0	
1.049	34	0	16	0	1	2	65	0	2	2	-14	0	
1.050	35	0	16	0	1	2	65	0	2	2	-13	0	
1.100	64	0	30	0	1	2	122	0	2	2	-27	0	
1.109	68	0	32	0	1	2	132	0	2	2	-29	0	
1.150	87	0	42	0	1	2	171	0	2	2	-40	0	
1.169	95	0	46	0	1	2	188	0	2	2	-46	0	
1.200	106	0	51	0	1	2	210	0	2	2	-54	0	
1.203	107	0	52	0	1	2	213	0	2	2	-55	0	
1.230	115	0	56	0	1	2	229	0	2	2	-63	0	
1.248	119	0	59	0	1	2	239	0	2	2	-69	0	
1.250	119	0	59	0	1	2	239	0	2	2	-69	0	
1.300	127	0	64	0	1	2	265	0	2	2	-83	0	
1.350	130	0	65	0	1	2	283	0	2	2	-98	0	
1.352	130	0	65	0	1	2	284	0	2	2	-98	0	
1.400	128	0	64	0	1	2	292	0	2	2	-112	0	
1.407	127	0	64	0	1	2	293	0	2	2	-114	0	
1.450	118	0	60	0	1	2	286	0	2	2	-127	0	
1.500	103	0	53	0	1	2	271	0	2	2	-142	0	
1.550	82	0	43	0	1	2	261	0	2	2	-158	0	
1.585	65	0	34	0	1	2	251	0	2	2	-169	0	
1.600	57	0	30	0	1	2	249	0	2	2	-173	0	
1.650	26	0	14	0	1	2	236	0	2	2	-189	0	
1.686	0	0	1	0	1	2	219	0	2	2	-200	0	
1.700	-10	0	-5	0	1	2	212	0	2	2	-204	0	
1.750	-52	0	-27	0	1	2	178	0	2	2	-220	0	
1.764	-64	0	-33	0	1	2	167	0	2	2	-224	0	
1.800	-99	0	-51	0	1	2	137	0	2	2	-233	0	
1.850	-152	0	-79	0	1	2	95	0	2	2	-245	0	
1.882	-189	0	-98	0	1	2	72	0	2	2	-251	0	
1.893	-202	0	-105	0	1	2	73	0	2	2	-253	0	
1.900	-210	0	-109	0	1	2	74	0	2	2	-256	0	
1.950	-274	0	-143	0	1	2	78	0	2	2	-267	0	
2.000	-343	0	-179	0	1	2	81	0	2	2	-276	0	
2.000	-343	0	-179	0	1	2	81	0	2	2	-276	0	
2.042	-258	0	-134	0	1	2	69	0	2	2	-203	0	
2.050	-243	0	-127	0	1	2	68	0	2	2	-191	0	

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD							
	ADL MOM (ft-k)	ADL M LAT (ft-k)	BDL+DW MOM (ft-k)	BDL+DW M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MAX MOM (ft-k)	CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
2.075	-197	0	-103	0	1	2	60	0	2	2	-152	0
2.085	-180	0	-94	0	1	2	58	0	2	2	-143	0
2.100	-153	0	-80	0	1	2	63	0	2	2	-139	0
2.150	-73	0	-37	0	1	2	101	0	2	2	-128	0
2.200	-2	0	-1	0	1	2	147	0	2	2	-117	0
2.202	0	0	0	0	1	2	149	0	2	2	-117	0
2.210	10	0	5	0	1	2	156	0	2	2	-116	0
2.250	57	0	30	0	1	2	204	0	2	2	-108	0
2.300	106	0	55	0	1	2	263	0	2	2	-97	0
2.335	133	0	68	0	1	2	299	0	2	2	-90	0
2.350	143	0	74	0	1	2	309	0	2	2	-86	0
2.400	166	0	86	0	1	2	338	0	2	2	-76	0
2.450	179	0	93	0	1	2	355	0	2	2	-72	0
2.460	180	0	94	0	1	2	356	0	2	2	-76	0
2.485	182	0	95	0	1	2	358	0	2	2	-86	0
2.500	181	0	94	0	1	2	358	0	2	2	-91	0
2.550	173	0	90	0	1	2	353	0	2	2	-111	0
2.585	161	0	83	0	1	2	352	0	2	2	-125	0
2.600	153	0	79	0	1	2	349	0	2	2	-131	0
2.650	119	0	62	0	1	2	325	0	2	2	-150	0
2.700	75	0	39	0	1	2	287	0	2	2	-170	0
2.710	65	0	34	0	1	2	277	0	2	2	-174	0
2.750	20	0	11	0	1	2	236	0	2	2	-190	0
2.766	0	0	0	0	1	2	215	0	2	2	-196	0
2.800	-46	0	-24	0	1	2	175	0	2	2	-210	0
2.835	-98	0	-52	0	1	2	143	0	2	2	-223	0
2.850	-123	0	-65	0	1	2	127	0	2	2	-228	0
2.888	-188	0	-99	0	1	2	86	0	2	2	-236	0
2.900	-212	0	-111	0	1	2	76	0	2	2	-241	0
2.917	-245	0	-128	0	1	2	72	0	2	2	-245	0
2.950	-312	0	-163	0	1	2	75	0	2	2	-254	0
3.000	-424	0	-221	0	1	2	79	0	2	2	-318	0
3.000	-423	0	-221	0	1	2	79	0	2	2	-316	0
3.042	-333	0	-174	0	1	2	68	0	2	2	-292	0
3.050	-318	0	-166	0	1	2	66	0	2	2	-286	0
3.085	-252	0	-132	0	1	2	57	0	2	2	-259	0
3.100	-223	0	-117	0	1	2	66	0	2	2	-250	0
3.113	-201	0	-105	0	1	2	74	0	2	2	-245	0
3.150	-138	0	-72	0	1	2	105	0	2	2	-228	0
3.200	-63	0	-32	0	1	2	151	0	2	2	-207	0
3.210	-50	0	-26	0	1	2	160	0	2	2	-204	0
3.249	0	0	0	0	1	2	208	0	2	2	-190	0
3.250	1	0	1	0	1	2	208	0	2	2	-188	0
3.300	55	0	29	0	1	2	266	0	2	2	-169	0
3.335	86	0	44	0	1	2	301	0	2	2	-157	0
3.350	97	0	50	0	1	2	312	0	2	2	-151	0
3.400	126	0	66	0	1	2	340	0	2	2	-132	0
3.450	144	0	76	0	1	2	356	0	2	2	-114	0
3.460	146	0	77	0	1	2	357	0	2	2	-110	0
3.500	151	0	79	0	1	2	358	0	2	2	-96	0
3.510	152	0	79	0	1	2	357	0	2	2	-95	0
3.550	148	0	77	0	1	2	354	0	2	2	-111	0
3.585	140	0	73	0	1	2	353	0	2	2	-125	0
3.600	133	0	69	0	1	2	349	0	2	2	-131	0
3.650	105	0	55	0	1	2	325	0	2	2	-150	0
3.700	66	0	35	0	1	2	287	0	2	2	-170	0
3.710	58	0	31	0	1	2	277	0	2	2	-174	0
3.750	17	0	9	0	1	2	235	0	2	2	-190	0
3.765	0	0	0	0	1	2	216	0	2	2	-196	0
3.800	-43	0	-23	0	1	2	174	0	2	2	-210	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD							
	ADL MOM (ft-k)	ADL M LAT (ft-k)	BDL+DW MOM (ft-k)	BDL+DW M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MAX MOM (ft-k)	CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
3.835	-91	0	-48	0	1	2	143	0	2	2	-223	0
3.850	-115	0	-60	0	1	2	126	0	2	2	-228	0
3.887	-176	0	-92	0	1	2	86	0	2	2	-236	0
3.900	-198	0	-104	0	1	2	76	0	2	2	-241	0
3.917	-229	0	-120	0	1	2	72	0	2	2	-244	0
3.950	-293	0	-153	0	1	2	75	0	2	2	-253	0
4.000	-399	0	-209	0	1	2	96	0	2	2	-320	0
4.000	-398	0	-208	0	1	2	95	0	2	2	-317	0
4.042	-310	0	-162	0	1	2	87	0	2	2	-294	0
4.050	-295	0	-154	0	1	2	84	0	2	2	-287	0
4.085	-230	0	-120	0	1	2	78	0	2	2	-260	0
4.100	-202	0	-106	0	1	2	75	0	2	2	-251	0
4.112	-180	0	-94	0	1	2	74	0	2	2	-246	0
4.150	-118	0	-61	0	1	2	106	0	2	2	-229	0
4.200	-44	0	-23	0	1	2	151	0	2	2	-208	0
4.210	-31	0	-16	0	1	2	160	0	2	2	-205	0
4.234	0	0	0	0	1	2	189	0	2	2	-196	0
4.250	18	0	10	0	1	2	208	0	2	2	-189	0
4.300	70	0	36	0	1	2	267	0	2	2	-170	0
4.335	100	0	52	0	1	2	302	0	2	2	-158	0
4.350	111	0	57	0	1	2	312	0	2	2	-152	0
4.400	138	0	72	0	1	2	340	0	2	2	-133	0
4.450	155	0	81	0	1	2	356	0	2	2	-114	0
4.460	157	0	82	0	1	2	357	0	2	2	-111	0
4.500	161	0	84	0	1	2	358	0	2	2	-96	0
4.503	161	0	84	0	1	2	358	0	2	2	-95	0
4.550	156	0	81	0	1	2	354	0	2	2	-111	0
4.585	146	0	76	0	1	2	353	0	2	2	-125	0
4.600	139	0	72	0	1	2	349	0	2	2	-131	0
4.650	109	0	57	0	1	2	325	0	2	2	-150	0
4.700	69	0	37	0	1	2	287	0	2	2	-170	0
4.710	60	0	32	0	1	2	277	0	2	2	-174	0
4.750	18	0	10	0	1	2	235	0	2	2	-190	0
4.765	0	0	0	0	1	2	216	0	2	2	-196	0
4.800	-44	0	-23	0	1	2	174	0	2	2	-210	0
4.835	-93	0	-49	0	1	2	143	0	2	2	-222	0
4.850	-117	0	-61	0	1	2	126	0	2	2	-228	0
4.887	-180	0	-94	0	1	2	86	0	2	2	-236	0
4.900	-202	0	-106	0	1	2	76	0	2	2	-241	0
4.917	-234	0	-123	0	1	2	72	0	2	2	-244	0
4.950	-298	0	-156	0	1	2	75	0	2	2	-253	0
5.000	-406	0	-212	0	1	2	96	0	2	2	-320	0
5.000	-406	0	-212	0	1	2	95	0	2	2	-317	0
5.042	-317	0	-166	0	1	2	87	0	2	2	-294	0
5.050	-302	0	-158	0	1	2	85	0	2	2	-287	0
5.085	-236	0	-124	0	1	2	78	0	2	2	-260	0
5.100	-208	0	-109	0	1	2	75	0	2	2	-251	0
5.112	-186	0	-97	0	1	2	74	0	2	2	-246	0
5.150	-124	0	-65	0	1	2	106	0	2	2	-229	0
5.200	-50	0	-26	0	1	2	151	0	2	2	-208	0
5.210	-37	0	-19	0	1	2	160	0	2	2	-205	0
5.239	0	0	0	0	1	2	195	0	2	2	-194	0
5.250	13	0	7	0	1	2	208	0	2	2	-189	0
5.300	65	0	34	0	1	2	267	0	2	2	-170	0
5.335	95	0	49	0	1	2	302	0	2	2	-158	0
5.350	106	0	55	0	1	2	312	0	2	2	-152	0
5.400	134	0	70	0	1	2	340	0	2	2	-133	0
5.450	151	0	79	0	1	2	356	0	2	2	-114	0
5.460	153	0	80	0	1	2	357	0	2	2	-111	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD							
	ADL MOM (ft-k)	ADL M LAT (ft-k)	BDL+DW MOM (ft-k)	BDL+DW M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MAX MOM (ft-k)	CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
5.500	157	0	82	0	1	2	358	0	2	2	-96	0
5.504	157	0	82	0	1	2	358	0	2	2	-95	0
5.550	153	0	80	0	1	2	354	0	2	2	-111	0
5.585	143	0	74	0	1	2	353	0	2	2	-125	0
5.600	137	0	71	0	1	2	349	0	2	2	-130	0
5.650	107	0	56	0	1	2	325	0	2	2	-150	0
5.700	67	0	36	0	1	2	287	0	2	2	-170	0
5.710	58	0	31	0	1	2	277	0	2	2	-174	0
5.750	16	0	9	0	1	2	235	0	2	2	-190	0
5.764	0	0	1	0	1	2	217	0	2	2	-195	0
5.800	-45	0	-23	0	1	2	174	0	2	2	-210	0
5.835	-94	0	-49	0	1	2	143	0	2	2	-222	0
5.850	-118	0	-62	0	1	2	126	0	2	2	-228	0
5.888	-180	0	-94	0	1	2	86	0	2	2	-236	0
5.900	-202	0	-106	0	1	2	76	0	2	2	-241	0
5.917	-234	0	-122	0	1	2	61	0	2	2	-244	0
5.950	-298	0	-156	0	1	2	74	0	2	2	-253	0
6.000	-406	0	-212	0	1	2	96	0	2	2	-320	0
6.000	-405	0	-211	0	1	2	95	0	2	2	-317	0
6.042	-316	0	-165	0	1	2	87	0	2	2	-294	0
6.050	-301	0	-157	0	1	2	85	0	2	2	-287	0
6.085	-235	0	-123	0	1	2	78	0	2	2	-260	0
6.100	-207	0	-108	0	1	2	76	0	2	2	-251	0
6.112	-185	0	-97	0	1	2	74	0	2	2	-246	0
6.150	-122	0	-64	0	1	2	106	0	2	2	-229	0
6.200	-48	0	-25	0	1	2	151	0	2	2	-208	0
6.210	-35	0	-18	0	1	2	160	0	2	2	-205	0
6.237	0	0	0	0	1	2	193	0	2	2	-195	0
6.250	15	0	8	0	1	2	208	0	2	2	-189	0
6.300	68	0	35	0	1	2	267	0	2	2	-170	0
6.335	98	0	50	0	1	2	302	0	2	2	-158	0
6.350	109	0	56	0	1	2	312	0	2	2	-152	0
6.400	137	0	71	0	1	2	340	0	2	2	-133	0
6.450	154	0	80	0	1	2	356	0	2	2	-115	0
6.460	156	0	81	0	1	2	357	0	2	2	-111	0
6.500	161	0	84	0	1	2	358	0	2	2	-96	0
6.506	161	0	84	0	1	2	357	0	2	2	-94	0
6.550	157	0	81	0	1	2	354	0	2	2	-89	0
6.585	147	0	76	0	1	2	353	0	2	2	-100	0
6.600	141	0	73	0	1	2	349	0	2	2	-105	0
6.650	112	0	58	0	1	2	325	0	2	2	-121	0
6.700	72	0	38	0	1	2	286	0	2	2	-137	0
6.710	63	0	33	0	1	2	276	0	2	2	-140	0
6.750	21	0	11	0	1	2	235	0	2	2	-154	0
6.769	0	0	0	0	1	2	211	0	2	2	-160	0
6.800	-40	0	-21	0	1	2	173	0	2	2	-170	0
6.835	-88	0	-47	0	1	2	142	0	2	2	-180	0
6.850	-112	0	-59	0	1	2	125	0	2	2	-184	0
6.900	-196	0	-103	0	1	2	74	0	2	2	-194	0
6.917	-228	0	-120	0	1	2	60	0	2	2	-197	0
6.950	-291	0	-153	0	1	2	74	0	2	2	-204	0
7.000	-398	0	-209	0	1	2	96	0	2	2	-321	0
7.000	-397	0	-209	0	1	2	95	0	2	2	-315	0
7.050	-312	0	-164	0	1	2	87	0	2	2	-295	0
7.053	-307	0	-162	0	1	2	87	0	2	2	-294	0
7.100	-234	0	-123	0	1	2	79	0	2	2	-264	0
7.106	-225	0	-119	0	1	2	78	0	2	2	-262	0
7.125	-196	0	-103	0	1	2	76	0	2	2	-256	0
7.150	-160	0	-84	0	1	2	85	0	2	2	-246	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD					LIVE LOAD						
	ADL	ADL	BDL+DW	BDL+DW	LOAD	LL	MAX	CORR	LOAD	LL	MIN	CORR
	MOM	M LAT	MOM	M LAT	COMB	CASE	MOM	M LAT	COMB	CASE	MOM	M LAT
	(ft-k)	(ft-k)	(ft-k)	(ft-k)	NO	NO	(ft-k)	(ft-k)	NO	NO	(ft-k)	(ft-k)
7.200	-93	0	-49	0	1	2	125	0	2	2	-230	0
7.250	-34	0	-18	0	1	2	171	0	2	2	-215	0
7.262	-20	0	-11	0	1	2	184	0	2	2	-211	0
7.281	0	0	0	0	1	2	205	0	2	2	-206	0
7.300	19	0	10	0	1	2	225	0	2	2	-200	0
7.350	66	0	34	0	1	2	270	0	2	2	-186	0
7.400	105	0	54	0	1	2	306	0	2	2	-171	0
7.418	118	0	61	0	1	2	316	0	2	2	-166	0
7.450	136	0	71	0	1	2	325	0	2	2	-157	0
7.500	159	0	83	0	1	2	328	0	2	2	-143	0
7.550	175	0	92	0	1	2	329	0	2	2	-129	0
7.575	180	0	95	0	1	2	338	0	2	2	-122	0
7.600	184	0	97	0	1	2	345	0	2	2	-115	0
7.643	187	0	98	0	1	2	350	0	2	2	-103	0
7.650	186	0	98	0	1	2	351	0	2	2	-101	0
7.700	182	0	96	0	1	2	344	0	2	2	-88	0
7.731	176	0	92	0	1	2	332	0	2	2	-79	0
7.750	170	0	89	0	1	2	320	0	2	2	-74	0
7.800	150	0	79	0	1	2	278	0	2	2	-59	0
7.850	122	0	65	0	1	2	232	0	2	2	-45	0
7.865	113	0	60	0	1	2	214	0	2	2	-40	0
7.900	88	0	47	0	1	2	170	0	2	2	-30	0
7.950	48	0	25	0	1	2	93	0	2	2	-15	0
7.994	6	0	3	0	1	2	10	0	2	2	-3	0
8.000	0	0	0	0	1	2	3	0	2	2	-3	0
8.000	0	0	0	0	1	2	0	0	2	2	-3	0
8.375	0	0	0	0	1	2	0	0	2	2	-2	0
9.000	0	0	0	0	1	2	0	0	2	2	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	MAX MOMENT				MIN MOMENT				MAX SHEAR				MIN SHEAR			
	COMB	M	COR ML	COR V	COMB	M	COR ML	COR V	COMB	V	COR M	COMB	V	COR M	COMB	V
	NO	(ft-k)	(ft-k)	(kips)	NO	(ft-k)	(ft-k)	(kips)	NO	(kips)	(ft-k)	NO	(kips)	(ft-k)	NO	(ft-k)
0.000	1	1	0	0	2	-1	0	0	1	0	1	2	0	2	-1	-1
0.625	1	1	0	0	2	-1	0	-1	3	0	1	4	-1	4	-1	-1
1.000	1	1	0	0	2	-1	0	-1	1	0	1	2	-1	2	-1	-1
1.000	1	2	0	35	2	-2	0	57	3	66	-1	4	13	4	0	0
1.000	1	2	0	37	2	-1	0	54	3	66	0	4	13	4	0	0
1.049	1	174	0	63	4	31	0	10	1	63	174	4	10	4	31	31
1.050	1	176	0	62	4	32	0	10	1	62	176	4	10	4	32	32
1.100	1	329	0	56	4	55	0	6	1	56	329	4	6	4	55	55
1.109	1	355	0	44	4	58	0	6	3	55	355	4	6	4	58	58
1.150	1	457	0	39	4	69	0	3	3	50	457	4	3	4	69	69
1.169	1	500	0	36	4	72	0	2	3	47	500	4	2	4	72	72
1.200	1	560	0	36	4	74	0	0	3	43	558	2	0	4	74	74
1.203	1	567	0	36	4	74	0	0	3	42	564	2	0	4	74	74
1.230	1	616	0	33	4	72	0	-2	3	39	606	2	-2	4	73	73
1.248	1	645	0	30	2	70	0	-3	3	37	631	2	-3	4	70	70
1.250	1	647	0	29	2	70	0	-3	3	36	632	4	-3	4	79	79
1.300	1	704	0	11	2	56	0	-6	3	29	678	4	-6	4	67	67
1.350	1	733	0	4	2	34	0	-9	3	22	700	4	-10	4	558	558
1.352	1	734	0	3	2	33	0	-10	3	21	700	4	-10	4	559	559
1.400	1	740	0	0	2	3	0	-13	3	15	666	4	-16	4	615	615
1.407	1	739	0	-5	2	-2	0	-14	3	10	663	4	-20	4	617	617
1.450	1	715	0	-11	2	-38	0	-16	3	4	627	4	-26	4	609	609
1.500	1	665	0	-18	2	-88	0	-19	3	-1	572	4	-32	4	575	575

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)
1.550	1	604	0	-25	2	-148	0	-22	3	-6	506	4	-38	519		
1.585	1	559	0	-30	2	-194	0	-25	3	-9	456	4	-42	500		
1.600	1	538	0	-32	2	-216	0	-26	3	-11	434	4	-45	482		
1.650	1	444	0	-40	2	-294	0	-30	3	-16	280	4	-52	405		
1.686	1	364	0	-37	2	-359	0	-36	3	-18	213	4	-58	331		
1.700	1	336	0	-40	2	-387	0	-36	3	-20	185	4	-60	303		
1.750	1	208	0	-47	2	-500	0	-40	3	-23	-7	4	-68	173		
1.764	1	168	0	-55	2	-531	0	-39	3	-22	-25	4	-75	132		
1.800	1	43	0	-70	2	-616	0	-44	3	-24	-75	4	-81	4		
1.850	1	-118	0	-54	2	-754	0	-53	3	-27	-149	4	-89	-197		
1.882	1	-180	0	-33	2	-860	0	-71	3	-29	-200	4	-93	-340		
1.893	1	-200	0	-34	2	-910	0	-77	3	-30	-218	4	-95	-391		
1.900	1	-214	0	-34	2	-943	0	-78	3	-31	-232	4	-96	-423		
1.950	1	-314	0	-38	2	-1192	0	-87	3	-34	-324	4	-103	-671		
2.000	1	-423	0	-37	2	-1474	0	-103	3	-37	-424	4	-109	-940		
2.000	1	-423	0	37	2	-1470	0	93	3	102	-1073	4	34	-429		
2.042	1	-305	0	33	2	-1155	0	91	3	97	-735	4	30	-319		
2.050	1	-285	0	32	2	-1104	0	90	3	97	-690	4	30	-302		
2.075	1	-223	0	30	2	-937	0	85	3	93	-528	4	28	-245		
2.085	1	-200	0	29	2	-874	0	88	3	97	-469	1	29	-200		
2.100	1	-162	0	28	2	-773	0	85	3	94	-373	4	28	-165		
2.150	1	19	0	51	2	-472	0	70	3	86	-70	4	23	-62		
2.200	1	220	0	56	2	-251	0	42	3	77	197	4	19	23		
2.202	1	229	0	66	2	-220	0	32	3	77	207	4	19	26		
2.210	1	267	0	65	2	-200	0	31	3	76	246	4	18	37		
2.250	1	449	0	49	2	-106	0	28	3	68	427	4	14	89		
2.300	1	642	0	40	2	-5	0	21	3	59	615	4	10	138		
2.335	1	754	0	31	2	50	0	18	3	49	721	4	4	188		
2.350	1	789	0	27	2	71	0	17	3	46	754	4	2	539		
2.400	1	885	0	21	2	129	0	12	3	36	840	4	-4	610		
2.450	1	941	0	11	2	159	0	-5	3	27	882	4	-11	744		
2.460	1	947	0	10	2	155	0	-6	3	25	885	4	-12	755		
2.485	1	954	0	5	2	139	0	-9	3	21	838	4	-16	826		
2.500	1	953	0	2	2	129	0	-10	3	18	833	4	-19	835		
2.550	1	926	0	-2	2	80	0	-14	3	10	798	4	-28	842		
2.585	1	900	0	-24	2	35	0	-18	3	0	751	4	-39	826		
2.600	1	878	0	-28	2	11	0	-19	3	-3	719	4	-42	807		
2.650	1	769	0	-37	2	-76	0	-24	3	-10	520	4	-52	714		
2.700	1	616	0	-47	2	-181	0	-28	3	-15	90	4	-62	575		
2.710	1	581	0	-49	2	-203	0	-29	3	-16	79	4	-64	542		
2.750	1	423	0	-53	2	-308	0	-34	3	-19	14	4	-72	390		
2.766	1	351	0	-56	2	-353	0	-35	3	-20	-11	4	-74	320		
2.800	1	202	0	-56	2	-475	0	-55	3	-23	-79	4	-81	161		
2.835	1	43	0	-59	2	-637	0	-60	3	-23	-149	4	-94	-28		
2.850	1	-24	0	-61	2	-712	0	-62	3	-23	-183	4	-98	-120		
2.888	1	-186	0	-36	2	-921	0	-90	3	-27	-260	4	-104	-377		
2.900	1	-222	0	-38	2	-1014	0	-92	3	-28	-292	4	-107	-462		
2.917	1	-275	0	-39	2	-1153	0	-96	3	-30	-333	4	-110	-591		
2.950	1	-375	0	-36	2	-1422	0	-104	3	-33	-421	4	-116	-840		
3.000	1	-530	0	-41	2	-1873	0	-114	3	-38	-561	4	-123	-1252		
3.000	1	-531	0	35	2	-1867	0	107	2	107	-1867	4	35	-587		
3.042	1	-418	0	31	2	-1523	0	99	3	99	-868	4	31	-475		
3.050	1	-403	0	31	2	-1462	0	97	3	98	-821	4	31	-458		
3.085	1	-322	0	32	2	-1198	0	94	3	99	-595	4	32	-378		
3.100	4	-285	0	30	2	-1081	0	91	3	96	-498	4	30	-285		
3.113	1	-237	0	52	2	-989	0	88	3	94	-416	4	29	-255		
3.150	1	-84	0	53	2	-755	0	63	3	88	-187	4	25	-173		
3.200	1	127	0	53	2	-519	0	55	3	79	88	4	21	-80		
3.210	1	172	0	63	2	-477	0	49	3	78	138	4	20	-64		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
3.249	1	346	0	49	2	-343	0	35	3	71	324	4	16	-7		
3.250	1	347	0	52	2	-339	0	31	3	70	325	4	16	-5		
3.300	1	549	0	42	2	-223	0	27	3	61	521	4	12	52		
3.335	1	666	0	33	2	-153	0	24	3	52	633	4	6	111		
3.350	1	704	0	30	2	-124	0	23	3	48	669	4	5	468		
3.400	1	809	0	23	2	-42	0	18	3	39	764	4	-2	547		
3.450	1	875	0	14	2	21	0	14	3	29	815	4	-9	689		
3.460	1	882	0	12	2	32	0	13	3	28	820	4	-10	702		
3.500	1	896	0	4	2	67	0	9	3	20	823	4	-17	742		
3.510	1	895	0	3	2	69	0	-6	3	19	781	4	-18	787		
3.550	1	881	0	1	2	38	0	-12	3	12	758	4	-25	797		
3.585	1	861	0	-21	2	1	0	-16	3	2	716	4	-36	787		
3.600	1	842	0	-25	2	-21	0	-17	3	0	102	4	-40	772		
3.650	1	743	0	-35	2	-98	0	-21	3	-5	92	4	-49	689		
3.700	1	600	0	-45	2	-194	0	-26	3	-10	60	4	-59	559		
3.710	1	566	0	-46	2	-215	0	-27	3	-10	53	4	-61	528		
3.750	1	417	0	-51	2	-312	0	-32	3	-14	6	4	-69	384		
3.765	1	352	0	-53	2	-352	0	-33	3	-15	-11	4	-72	322		
3.800	1	206	0	-54	2	-470	0	-52	3	-18	-68	4	-79	165		
3.835	1	54	0	-57	2	-625	0	-57	3	-17	-123	4	-92	-16		
3.850	1	-10	0	-59	2	-697	0	-59	3	-18	-151	4	-96	-106		
3.887	1	-166	0	-34	2	-899	0	-87	3	-21	-212	4	-102	-355		
3.900	1	-200	0	-35	2	-990	0	-90	3	-23	-241	4	-105	-437		
3.917	1	-250	0	-37	2	-1125	0	-94	3	-24	-272	4	-108	-562		
3.950	1	-345	0	-34	2	-1388	0	-101	3	-27	-348	4	-113	-805		
4.000	1	-465	0	-32	2	-1827	0	-112	1	-32	-465	4	-121	-1206		
4.000	1	-468	0	36	2	-1822	0	106	2	106	-1822	4	35	-548		
4.042	1	-352	0	32	2	-1480	0	98	3	98	-822	4	31	-438		
4.050	1	-338	0	32	2	-1419	0	97	3	97	-776	4	30	-422		
4.085	1	-240	0	37	2	-1157	0	93	3	98	-552	4	31	-286		
4.100	1	-197	0	35	2	-1040	0	90	3	96	-455	4	29	-249		
4.112	1	-162	0	34	2	-949	0	88	3	94	-374	4	28	-220		
4.150	1	-44	0	49	2	-718	0	62	3	87	-148	4	25	-140		
4.200	1	158	0	53	2	-485	0	54	3	78	125	4	20	-49		
4.210	1	203	0	62	2	-443	0	49	3	77	174	4	19	-34		
4.234	1	313	0	54	2	-353	0	32	3	73	292	4	17	2		
4.250	1	381	0	51	2	-313	0	31	3	69	358	4	16	23		
4.300	1	579	0	42	2	-199	0	26	3	60	551	4	11	77		
4.335	1	694	0	32	2	-131	0	23	3	51	661	4	6	136		
4.350	1	731	0	29	2	-103	0	22	3	47	696	4	4	491		
4.400	1	833	0	23	2	-23	0	18	3	38	788	4	-2	568		
4.450	1	896	0	13	2	38	0	13	3	29	836	4	-10	707		
4.460	1	902	0	11	2	48	0	12	3	27	840	4	-11	719		
4.500	1	914	0	4	2	81	0	8	3	19	841	4	-18	757		
4.503	1	913	0	3	2	83	0	8	3	19	798	4	-18	800		
4.550	1	895	0	0	2	51	0	-13	3	11	770	4	-26	811		
4.585	1	873	0	-22	2	11	0	-17	3	1	610	4	-37	799		
4.600	1	853	0	-26	2	-11	0	-18	3	-1	111	4	-40	783		
4.650	1	751	0	-36	2	-91	0	-22	3	-6	98	4	-50	697		
4.700	1	605	0	-45	2	-190	0	-26	3	-10	64	4	-60	564		
4.710	1	571	0	-47	2	-211	0	-27	3	-11	56	4	-62	533		
4.750	1	418	0	-52	2	-311	0	-32	3	-15	8	4	-70	386		
4.765	1	351	0	-54	2	-353	0	-34	3	-16	-11	4	-73	321		
4.800	1	204	0	-54	2	-471	0	-53	3	-19	-69	4	-80	163		
4.835	1	51	0	-58	2	-629	0	-58	3	-18	-126	4	-93	-20		
4.850	1	-14	0	-60	2	-701	0	-60	3	-19	-155	4	-96	-111		
4.887	1	-172	0	-35	2	-906	0	-88	3	-22	-217	4	-103	-362		
4.900	1	-207	0	-36	2	-997	0	-91	3	-23	-247	4	-105	-445		
4.917	1	-258	0	-38	2	-1134	0	-94	3	-25	-280	4	-108	-571		
4.950	1	-354	0	-35	2	-1399	0	-102	3	-28	-357	4	-114	-816		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
5.000	1	-477	0	-33	2	-1841	0	-113	1	-33	-477	4	-122	-1220
5.000	1	-479	0	36	2	-1836	0	106	2	106	-1836	4	35	-561
5.042	1	-363	0	32	2	-1493	0	98	3	98	-835	4	31	-449
5.050	1	-349	0	32	2	-1432	0	97	3	98	-789	4	31	-433
5.085	1	-250	0	37	2	-1170	0	93	3	98	-564	4	31	-298
5.100	1	-206	0	35	2	-1053	0	90	3	96	-468	4	30	-260
5.112	1	-172	0	34	2	-962	0	88	3	94	-386	4	28	-231
5.150	1	-54	0	49	2	-730	0	62	3	87	-160	4	25	-150
5.200	1	149	0	53	2	-496	0	54	3	79	114	4	20	-59
5.210	1	193	0	62	2	-454	0	49	3	77	163	4	19	-43
5.239	1	324	0	53	2	-350	0	32	3	72	302	4	17	-1
5.250	1	371	0	51	2	-322	0	31	3	70	348	4	16	14
5.300	1	570	0	42	2	-207	0	26	3	60	542	4	11	69
5.335	1	685	0	32	2	-139	0	23	3	51	652	4	6	128
5.350	1	722	0	29	2	-110	0	22	3	48	687	4	4	484
5.400	1	826	0	23	2	-30	0	18	3	38	780	4	-2	561
5.450	1	888	0	13	2	32	0	13	3	29	829	4	-10	700
5.460	1	895	0	12	2	41	0	12	3	27	833	4	-11	713
5.500	1	907	0	4	2	75	0	9	3	20	834	4	-17	751
5.504	1	907	0	3	2	78	0	8	3	19	792	4	-18	795
5.550	1	889	0	0	2	46	0	-13	3	11	765	4	-26	806
5.585	1	868	0	-22	2	7	0	-16	3	2	606	4	-37	794
5.600	1	848	0	-26	2	-14	0	-18	3	-1	106	4	-40	778
5.650	1	747	0	-35	2	-94	0	-22	3	-5	95	4	-50	693
5.700	1	602	0	-45	2	-192	0	-26	3	-10	61	4	-60	561
5.710	1	568	0	-47	2	-213	0	-27	3	-11	53	4	-62	529
5.750	1	416	0	-51	2	-313	0	-32	3	-14	5	4	-70	383
5.764	1	354	0	-54	2	-351	0	-33	3	-16	-12	4	-72	323
5.800	1	203	0	-54	2	-472	0	-53	3	-19	-70	4	-79	162
5.835	1	49	0	-57	2	-630	0	-58	3	-18	-127	4	-92	-21
5.850	1	-15	0	-60	2	-702	0	-60	3	-19	-156	4	-96	-112
5.888	1	-182	0	-58	2	-906	0	-88	3	-22	-218	4	-102	-362
5.900	1	-231	0	-36	2	-997	0	-90	3	-23	-248	4	-105	-445
5.917	3	-280	0	-25	2	-1134	0	-94	3	-25	-280	4	-108	-571
5.950	1	-355	0	-28	2	-1398	0	-102	3	-28	-356	4	-114	-815
6.000	1	-476	0	-32	2	-1840	0	-112	1	-32	-476	4	-121	-1218
6.000	1	-478	0	36	2	-1834	0	106	2	106	-1834	4	36	-580
6.042	1	-362	0	32	2	-1491	0	98	3	98	-833	4	32	-465
6.050	1	-348	0	32	2	-1430	0	97	3	98	-787	4	32	-449
6.085	1	-248	0	37	2	-1167	0	93	3	98	-562	4	33	-366
6.100	1	-204	0	35	2	-1050	0	91	3	96	-465	4	31	-262
6.112	1	-170	0	34	2	-959	0	88	3	94	-384	4	30	-232
6.150	1	-52	0	49	2	-727	0	62	3	88	-157	4	26	-142
6.200	1	152	0	53	2	-493	0	54	3	79	117	4	22	-40
6.210	1	196	0	62	2	-450	0	49	3	77	166	4	21	-24
6.237	1	320	0	54	2	-351	0	32	3	73	299	4	18	19
6.250	1	374	0	51	2	-319	0	31	3	70	352	4	17	42
6.300	1	574	0	42	2	-203	0	26	3	60	546	4	13	79
6.335	1	690	0	32	2	-135	0	23	3	51	657	4	6	460
6.350	1	727	0	29	2	-106	0	22	3	48	692	4	4	488
6.400	1	831	0	23	2	-25	0	18	3	38	784	4	-2	565
6.450	1	894	0	13	2	37	0	13	3	29	834	4	-9	706
6.460	1	901	0	12	2	47	0	12	3	27	838	4	-11	718
6.500	1	913	0	4	2	81	0	9	3	20	840	4	-17	757
6.506	1	912	0	3	2	85	0	8	3	19	797	4	-18	802
6.550	1	896	0	0	2	88	0	-9	3	11	770	4	-26	813
6.585	1	875	0	-22	2	56	0	-14	3	2	612	4	-37	801
6.600	1	855	0	-25	2	36	0	-16	3	-1	113	4	-40	786
6.650	1	754	0	-35	2	-37	0	-20	3	-5	102	4	-50	700

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
6.700	1	609	0	-45	2	-131	0	-26	3	-10	69	4	-60	569
6.710	1	575	0	-47	2	-151	0	-27	3	-11	61	4	-61	538
6.750	1	424	0	-51	2	-246	0	-31	3	-14	20	4	-70	392
6.769	1	343	0	-51	2	-295	0	-36	3	-16	-3	4	-73	312
6.800	1	210	0	-54	2	-403	0	-52	3	-19	-65	4	-79	170
6.835	1	56	0	-57	2	-551	0	-55	3	-18	-122	4	-92	-12
6.850	1	-9	0	-60	2	-619	0	-57	3	-18	-151	4	-96	-103
6.900	1	-235	0	-58	2	-929	0	-89	3	-23	-242	4	-105	-437
6.917	1	-273	0	-25	2	-1060	0	-93	3	-25	-274	4	-108	-563
6.950	1	-349	0	-28	2	-1314	0	-100	3	-27	-350	4	-114	-806
7.000	1	-469	0	-32	2	-1737	0	-111	1	-32	-469	4	-121	-1208
7.000	1	-471	0	38	2	-1732	0	105	2	105	-1732	4	37	-530
7.050	1	-362	0	34	2	-1400	0	97	3	100	-793	4	34	-421
7.053	1	-355	0	34	2	-1381	0	97	3	100	-775	4	34	-414
7.100	1	-243	0	36	2	-1089	0	89	3	94	-521	4	31	-313
7.106	1	-230	0	38	2	-1055	0	90	3	98	-491	4	36	-242
7.125	1	-184	0	36	2	-941	0	87	3	96	-386	4	35	-198
7.150	1	-128	0	34	2	-808	0	66	3	92	-256	4	33	-142
7.200	1	30	0	65	2	-610	0	60	3	85	-12	4	29	-41
7.250	1	229	0	66	2	-451	0	42	3	78	206	4	25	113
7.262	1	275	0	64	2	-419	0	41	3	76	255	4	24	145
7.281	1	345	0	66	2	-371	0	34	3	73	328	4	23	194
7.300	1	416	0	52	2	-331	0	32	3	70	395	4	21	242
7.350	1	581	0	44	2	-232	0	29	3	62	552	4	17	361
7.400	1	715	0	36	2	-145	0	25	3	53	676	4	12	464
7.418	1	758	0	33	2	-117	0	24	3	46	714	4	7	498
7.450	1	815	0	27	2	-70	0	22	3	41	759	4	4	545
7.500	1	876	0	19	2	-5	0	18	3	32	802	4	-2	695
7.550	1	906	0	-1	2	49	0	15	3	25	814	4	-8	761
7.575	1	924	0	17	2	71	0	13	3	22	816	4	-11	789
7.600	1	945	0	12	2	90	0	11	3	18	817	4	-14	812
7.643	1	957	0	-5	2	116	0	8	3	13	757	4	-19	883
7.650	1	959	0	-7	2	120	0	8	3	11	755	4	-21	887
7.700	1	938	0	-15	2	138	0	4	3	5	612	4	-29	884
7.731	1	908	0	-21	2	144	0	2	3	2	149	4	-39	867
7.750	1	882	0	-25	2	144	0	0	3	1	145	4	-43	846
7.800	1	779	0	-45	2	137	0	-2	2	-2	137	4	-51	759
7.850	1	635	0	-54	2	118	0	-5	3	-5	118	4	-60	632
7.865	1	582	0	-52	2	112	0	-7	3	-7	112	4	-63	582
7.900	1	463	0	-58	2	88	0	-9	2	-9	88	4	-69	463
7.950	1	252	0	-78	2	49	0	-12	3	-12	49	1	-78	252
7.994	1	29	0	-75	2	6	0	-25	3	-15	11	4	-84	28
8.000	1	7	0	-41	2	-5	0	-56	3	-15	5	4	-85	-3
8.000	1	0	0	1	2	-3	0	4	2	4	-3	4	1	0
8.375	1	0	0	0	2	-2	0	4	2	4	-2	4	0	0
9.000	1	0	0	0	2	0	0	0	3	4	0	4	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	1	0	0	2	-1	0	0	1	0	1	2	0	-1
0.625	1	1	0	0	2	-1	0	-1	3	0	1	4	-1	-1
1.000	1	1	0	0	2	-1	0	-1	1	0	1	2	-1	-1
1.000	1	2	0	34	2	-1	0	49	3	64	-1	4	13	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.000	1	2	0	36	2	-1	0	46	3	64	0	4	13	0		
1.049	1	168	0	60	4	32	0	10	1	60	168	4	10	32		
1.050	1	171	0	60	4	33	0	10	1	60	171	4	10	33		
1.100	1	321	0	54	4	57	0	7	1	54	321	4	7	57		
1.109	1	346	0	53	4	60	0	6	1	53	346	4	6	60		
1.150	1	450	0	38	4	71	0	3	3	48	450	4	3	71		
1.169	1	494	0	35	4	74	0	2	3	46	494	4	2	74		
1.200	1	558	0	42	4	77	0	0	3	42	554	4	0	77		
1.203	1	565	0	42	4	77	0	0	3	42	560	4	0	77		
1.230	1	615	0	28	4	76	0	-2	3	39	605	4	-2	76		
1.248	1	647	0	25	2	73	0	-3	3	37	632	4	-3	73		
1.250	1	649	0	24	2	73	0	-3	3	36	634	4	-3	82		
1.300	1	714	0	17	2	61	0	-6	3	29	686	4	-6	71		
1.350	1	758	0	14	2	39	0	-9	3	22	712	4	-11	564		
1.352	1	759	0	14	2	38	0	-9	3	22	712	4	-11	565		
1.400	1	779	0	7	2	9	0	-12	3	16	689	4	-17	634		
1.407	1	780	0	1	2	4	0	-13	3	11	689	4	-21	638		
1.450	1	764	0	-5	2	-32	0	-16	3	6	664	4	-27	646		
1.500	1	725	0	-23	2	-81	0	-19	3	0	617	4	-34	630		
1.550	1	665	0	-22	2	-140	0	-22	3	-5	550	4	-41	587		
1.585	1	608	0	-37	2	-186	0	-24	3	-8	491	4	-45	541		
1.600	1	582	0	-39	2	-207	0	-25	3	-11	465	4	-48	520		
1.650	1	479	0	-46	2	-284	0	-30	3	-15	297	4	-54	428		
1.686	1	389	0	-47	2	-348	0	-35	3	-18	214	4	-58	346		
1.700	1	358	0	-49	2	-376	0	-36	3	-20	186	4	-61	273		
1.750	1	222	0	-56	2	-484	0	-40	3	-23	-9	4	-68	125		
1.764	1	181	0	-64	2	-515	0	-39	3	-22	-29	4	-75	159		
1.800	1	57	0	-68	2	-600	0	-43	3	-24	-78	4	-81	25		
1.850	1	-112	0	-63	2	-746	0	-62	3	-27	-153	4	-87	-179		
1.882	1	-183	0	-33	2	-858	0	-64	3	-29	-203	4	-91	-321		
1.893	1	-204	0	-34	2	-904	0	-80	3	-30	-221	4	-92	-372		
1.900	1	-217	0	-34	2	-936	0	-81	3	-30	-235	4	-93	-403		
1.950	1	-318	0	-38	2	-1170	0	-86	3	-33	-326	4	-99	-737		
2.000	1	-423	0	-37	2	-1424	0	-96	3	-37	-424	4	-105	-963		
2.000	1	-423	0	36	2	-1420	0	89	3	98	-1087	4	34	-428		
2.042	1	-308	0	33	2	-1126	0	85	3	93	-763	4	30	-319		
2.050	1	-288	0	32	2	-1075	0	84	3	93	-718	4	30	-303		
2.075	1	-226	0	30	2	-912	0	80	3	89	-562	4	27	-246		
2.085	1	-203	0	30	2	-852	0	81	3	93	-503	4	30	-225		
2.100	1	-164	0	28	2	-754	0	79	3	90	-409	4	28	-167		
2.150	1	28	0	50	2	-480	0	64	3	82	-114	4	24	-63		
2.200	1	241	0	59	2	-250	0	46	3	73	218	4	19	22		
2.202	1	250	0	58	2	-221	0	32	3	73	227	4	19	25		
2.210	1	285	0	57	2	-202	0	31	3	72	263	4	18	36		
2.250	1	466	0	56	2	-106	0	28	3	65	435	4	14	89		
2.300	1	661	0	47	2	-5	0	22	3	57	616	4	10	138		
2.335	1	776	0	37	2	50	0	18	3	47	719	4	4	537		
2.350	1	814	0	34	2	72	0	17	3	44	752	4	1	567		
2.400	1	913	0	14	2	130	0	12	3	35	838	4	-5	717		
2.450	1	972	0	5	2	162	0	-5	3	26	885	4	-12	779		
2.460	1	979	0	4	2	158	0	-6	3	25	889	4	-14	787		
2.485	1	989	0	0	2	143	0	-8	3	21	846	4	-17	850		
2.500	1	990	0	-4	2	133	0	-10	3	18	845	4	-20	856		
2.550	1	969	0	-10	2	85	0	-14	3	10	813	4	-28	857		
2.585	1	939	0	-18	2	41	0	-18	3	1	776	4	-39	836		
2.600	1	915	0	-22	2	18	0	-19	3	-3	751	4	-42	816		
2.650	1	803	0	-31	2	-68	0	-24	3	-9	555	4	-51	719		
2.700	1	648	0	-41	2	-173	0	-28	3	-15	88	4	-60	579		
2.710	1	612	0	-42	2	-194	0	-29	3	-16	76	4	-62	547		
2.750	1	452	0	-61	2	-299	0	-34	3	-19	14	4	-69	399		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
2.766	1	379	0	-63	2	-343	0	-35	3	-20	-11	4	-72	331		
2.800	1	231	0	-60	2	-463	0	-53	3	-23	-79	4	-78	179		
2.835	1	71	0	-70	2	-626	0	-61	3	-23	-150	4	-91	18		
2.850	1	-7	0	-62	2	-712	0	-72	3	-23	-186	4	-94	-74		
2.888	1	-189	0	-36	2	-938	0	-80	3	-27	-260	4	-99	-423		
2.900	1	-226	0	-38	2	-1016	0	-82	3	-28	-295	4	-102	-505		
2.917	1	-279	0	-39	2	-1133	0	-94	3	-30	-335	4	-105	-632		
2.950	1	-378	0	-37	2	-1383	0	-101	3	-33	-423	4	-111	-876		
3.000	1	-533	0	-41	2	-1803	0	-108	3	-38	-563	4	-119	-1283		
3.000	1	-534	0	36	2	-1797	0	101	2	101	-1797	4	35	-583		
3.042	1	-421	0	31	2	-1473	0	93	3	95	-894	4	31	-471		
3.050	1	-405	0	31	2	-1416	0	92	3	94	-848	4	31	-455		
3.085	1	-324	0	32	2	-1167	0	91	3	95	-629	4	32	-374		
3.100	4	-287	0	30	2	-1063	0	79	3	92	-533	4	30	-287		
3.113	1	-237	0	52	2	-985	0	77	3	90	-454	4	29	-257		
3.150	1	-72	0	52	2	-763	0	72	3	84	-231	4	26	-174		
3.200	1	147	0	56	2	-506	0	57	3	75	108	4	21	-81		
3.210	1	189	0	60	2	-464	0	50	3	74	155	4	20	-65		
3.249	1	363	0	55	2	-333	0	35	3	68	331	4	17	-7		
3.250	1	365	0	58	2	-329	0	31	3	67	333	4	16	-5		
3.300	1	568	0	50	2	-213	0	27	3	59	522	4	12	52		
3.335	1	689	0	40	2	-144	0	24	3	49	631	4	6	465		
3.350	1	729	0	36	2	-115	0	22	3	46	666	4	4	497		
3.400	1	838	0	17	2	-35	0	18	3	38	762	4	-3	653		
3.450	1	906	0	8	2	28	0	13	3	29	818	4	-10	722		
3.460	1	914	0	6	2	38	0	13	3	28	824	4	-11	732		
3.500	1	933	0	-2	2	72	0	9	3	20	834	4	-17	760		
3.510	1	933	0	-3	2	74	0	-6	3	19	793	4	-19	803		
3.550	1	923	0	-7	2	44	0	-12	3	12	773	4	-26	811		
3.585	1	900	0	-16	2	6	0	-16	3	3	742	4	-36	797		
3.600	1	879	0	-20	2	-14	0	-17	3	0	606	4	-39	780		
3.650	1	776	0	-29	2	-91	0	-21	3	-5	93	4	-49	693		
3.700	1	631	0	-38	2	-186	0	-26	3	-10	62	4	-58	563		
3.710	1	598	0	-40	2	-206	0	-26	3	-11	54	4	-59	533		
3.750	1	446	0	-58	2	-303	0	-31	3	-14	7	4	-67	393		
3.765	1	381	0	-60	2	-341	0	-33	3	-15	-11	4	-69	332		
3.800	1	234	0	-58	2	-458	0	-50	3	-18	-67	4	-75	183		
3.835	1	81	0	-68	2	-614	0	-68	3	-17	-125	4	-88	29		
3.850	1	6	0	-60	2	-697	0	-69	3	-18	-155	4	-91	-59		
3.887	1	-169	0	-34	2	-915	0	-77	3	-22	-214	4	-97	-401		
3.900	1	-203	0	-35	2	-991	0	-79	3	-23	-244	4	-100	-481		
3.917	1	-253	0	-37	2	-1104	0	-92	3	-25	-277	4	-103	-603		
3.950	1	-348	0	-34	2	-1348	0	-99	3	-27	-352	4	-109	-841		
4.000	1	-469	0	-32	2	-1758	0	-106	3	-32	-471	4	-117	-1237		
4.000	1	-472	0	36	2	-1752	0	100	2	100	-1752	4	35	-544		
4.042	1	-356	0	32	2	-1430	0	92	3	94	-849	4	31	-434		
4.050	1	-342	0	32	2	-1373	0	91	3	93	-803	4	30	-418		
4.085	1	-244	0	37	2	-1126	0	90	3	94	-586	4	31	-338		
4.100	1	-201	0	35	2	-1023	0	78	3	91	-491	4	30	-251		
4.112	1	-166	0	34	2	-946	0	77	3	89	-413	4	28	-222		
4.150	1	-35	0	57	2	-725	0	71	3	83	-192	4	25	-141		
4.200	1	178	0	56	2	-471	0	56	3	75	145	4	20	-50		
4.210	1	220	0	60	2	-430	0	50	3	73	190	4	20	-35		
4.234	1	330	0	60	2	-344	0	34	3	70	302	4	17	2		
4.250	1	398	0	57	2	-303	0	31	3	66	366	4	16	23		
4.300	1	599	0	49	2	-190	0	26	3	58	552	4	11	77		
4.335	1	717	0	39	2	-122	0	23	3	49	659	4	5	489		
4.350	1	756	0	36	2	-94	0	22	3	45	694	4	3	521		
4.400	1	862	0	16	2	-16	0	17	3	37	786	4	-4	674		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
4.450	1	927	0	7	2	44	0	13	3	28	839	4	-11	740		
4.460	1	935	0	5	2	54	0	12	3	27	844	4	-12	749		
4.500	1	951	0	-2	2	86	0	8	3	20	852	4	-18	776		
4.503	1	951	0	-3	2	88	0	8	3	19	810	4	-18	818		
4.550	1	938	0	-8	2	56	0	-12	3	12	785	4	-26	826		
4.585	1	912	0	-17	2	17	0	-16	3	2	752	4	-37	810		
4.600	1	890	0	-20	2	-5	0	-17	3	-1	615	4	-40	792		
4.650	1	784	0	-30	2	-84	0	-22	3	-6	100	4	-49	701		
4.700	1	636	0	-39	2	-182	0	-26	3	-10	66	4	-59	568		
4.710	1	602	0	-41	2	-202	0	-27	3	-11	58	4	-60	537		
4.750	1	448	0	-59	2	-302	0	-32	3	-15	8	4	-68	394		
4.765	1	380	0	-61	2	-342	0	-33	3	-16	-10	4	-70	331		
4.800	1	233	0	-58	2	-459	0	-51	3	-19	-68	4	-76	182		
4.835	1	78	0	-69	2	-618	0	-69	3	-18	-128	4	-89	25		
4.850	1	2	0	-60	2	-702	0	-70	3	-19	-159	4	-92	-64		
4.887	1	-175	0	-35	2	-922	0	-78	3	-22	-219	4	-98	-408		
4.900	1	-210	0	-36	2	-999	0	-80	3	-23	-251	4	-100	-488		
4.917	1	-261	0	-38	2	-1113	0	-92	3	-25	-284	4	-103	-612		
4.950	1	-357	0	-35	2	-1359	0	-99	3	-28	-361	4	-110	-852		
5.000	1	-481	0	-33	2	-1772	0	-106	3	-33	-483	4	-118	-1251		
5.000	1	-483	0	36	2	-1766	0	100	2	100	-1766	4	35	-557		
5.042	1	-367	0	32	2	-1443	0	92	3	94	-862	4	31	-445		
5.050	1	-353	0	32	2	-1386	0	91	3	93	-816	4	31	-429		
5.085	1	-254	0	37	2	-1139	0	90	3	94	-599	4	31	-349		
5.100	1	-210	0	35	2	-1036	0	78	3	92	-503	4	30	-262		
5.112	1	-176	0	34	2	-958	0	77	3	90	-425	4	29	-233		
5.150	1	-45	0	57	2	-737	0	71	3	83	-204	4	25	-151		
5.200	1	169	0	56	2	-482	0	56	3	75	134	4	21	-59		
5.210	1	211	0	60	2	-441	0	50	3	73	180	4	20	-44		
5.239	1	341	0	60	2	-341	0	32	3	69	312	4	17	-1		
5.250	1	388	0	57	2	-312	0	31	3	67	356	4	16	14		
5.300	1	589	0	49	2	-198	0	26	3	58	543	4	11	69		
5.335	1	708	0	39	2	-130	0	23	3	49	650	4	5	481		
5.350	1	748	0	36	2	-102	0	22	3	46	685	4	3	513		
5.400	1	854	0	16	2	-23	0	18	3	37	778	4	-4	667		
5.450	1	920	0	7	2	38	0	13	3	28	832	4	-11	734		
5.460	1	927	0	5	2	48	0	12	3	27	837	4	-12	743		
5.500	1	945	0	-2	2	81	0	8	3	20	846	4	-18	770		
5.504	1	944	0	-3	2	83	0	8	3	19	804	4	-19	811		
5.550	1	932	0	-8	2	51	0	-12	3	12	780	4	-26	820		
5.585	1	907	0	-16	2	13	0	-16	3	2	748	4	-37	804		
5.600	1	886	0	-20	2	-8	0	-17	3	-1	611	4	-40	787		
5.650	1	780	0	-30	2	-87	0	-22	3	-6	96	4	-49	697		
5.700	1	633	0	-39	2	-184	0	-26	3	-10	63	4	-58	565		
5.710	1	599	0	-40	2	-205	0	-28	3	-11	55	4	-60	534		
5.750	1	445	0	-59	2	-304	0	-32	3	-15	6	4	-67	392		
5.764	1	383	0	-61	2	-340	0	-33	3	-16	-11	4	-70	334		
5.800	1	232	0	-58	2	-461	0	-51	3	-19	-70	4	-76	180		
5.835	1	76	0	-69	2	-619	0	-68	3	-18	-129	4	-89	24		
5.850	1	1	0	-60	2	-703	0	-70	3	-19	-160	4	-92	-65		
5.888	1	-182	0	-58	2	-922	0	-78	3	-22	-220	4	-97	-408		
5.900	1	-233	0	-36	2	-999	0	-80	3	-23	-251	4	-100	-489		
5.917	1	-283	0	-32	2	-1113	0	-92	3	-25	-285	4	-103	-612		
5.950	1	-359	0	-28	2	-1358	0	-99	3	-28	-361	4	-109	-851		
6.000	1	-480	0	-33	2	-1770	0	-106	3	-33	-482	4	-117	-1250		
6.000	1	-482	0	37	2	-1764	0	100	2	100	-1764	4	36	-575		
6.042	1	-366	0	32	2	-1441	0	92	3	94	-860	4	32	-460		
6.050	1	-351	0	32	2	-1384	0	91	3	93	-814	4	32	-444		
6.085	1	-252	0	37	2	-1136	0	90	3	94	-596	4	32	-361		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
6.100	1	-208	0	35	2	-1033	0	78	3	92	-501	4	31	-265
6.112	1	-174	0	34	2	-956	0	77	3	90	-422	4	30	-234
6.150	1	-43	0	57	2	-734	0	71	3	83	-201	4	26	-145
6.200	1	172	0	56	2	-479	0	56	3	75	137	4	22	-42
6.210	1	214	0	60	2	-437	0	50	3	73	183	4	21	-26
6.237	1	337	0	60	2	-342	0	34	3	69	309	4	18	18
6.250	1	392	0	58	2	-309	0	31	3	67	360	4	17	41
6.300	1	594	0	49	2	-194	0	26	3	58	547	4	13	106
6.335	1	713	0	39	2	-126	0	23	3	49	654	4	5	485
6.350	1	752	0	36	2	-97	0	22	3	46	690	4	3	517
6.400	1	859	0	16	2	-18	0	18	3	37	783	4	-3	671
6.450	1	925	0	7	2	43	0	13	3	28	837	4	-11	739
6.460	1	933	0	6	2	53	0	12	3	27	843	4	-12	749
6.500	1	950	0	-2	2	86	0	9	3	20	851	4	-18	776
6.506	1	950	0	-3	2	90	0	8	3	19	809	4	-19	818
6.550	1	939	0	-8	2	91	0	-9	3	12	786	4	-26	827
6.585	1	914	0	-16	2	60	0	-14	3	2	754	4	-37	812
6.600	1	893	0	-20	2	41	0	-16	3	0	617	4	-40	794
6.650	1	788	0	-29	2	-32	0	-20	3	-6	103	4	-49	705
6.700	1	641	0	-39	2	-126	0	-26	3	-10	71	4	-58	573
6.710	1	606	0	-40	2	-146	0	-27	3	-11	63	4	-60	542
6.750	1	453	0	-59	2	-240	0	-30	3	-14	11	4	-67	400
6.769	1	371	0	-58	2	-286	0	-37	3	-16	-11	4	-70	324
6.800	1	238	0	-58	2	-392	0	-47	3	-19	-65	4	-76	188
6.835	1	83	0	-69	2	-548	0	-64	3	-18	-124	4	-88	32
6.850	1	7	0	-60	2	-626	0	-65	3	-19	-155	4	-92	-57
6.900	1	-235	0	-64	2	-910	0	-84	3	-23	-246	4	-100	-480
6.917	1	-276	0	-26	2	-1029	0	-87	3	-25	-279	4	-103	-603
6.950	1	-352	0	-28	2	-1265	0	-94	3	-28	-354	4	-109	-842
7.000	1	-473	0	-33	2	-1661	0	-104	3	-32	-475	4	-117	-1241
7.000	1	-475	0	38	2	-1656	0	99	3	100	-1123	4	37	-526
7.050	1	-365	0	35	2	-1346	0	91	3	96	-814	4	34	-417
7.053	1	-359	0	34	2	-1329	0	91	3	95	-797	4	34	-411
7.100	1	-248	0	37	2	-1063	0	85	3	89	-550	4	31	-325
7.106	1	-234	0	38	2	-1031	0	86	3	94	-521	4	36	-246
7.125	1	-189	0	36	2	-932	0	75	3	91	-419	4	35	-202
7.150	1	-132	0	35	2	-813	0	73	3	88	-293	4	33	-146
7.200	1	44	0	58	2	-595	0	57	3	81	4	4	29	-44
7.250	1	235	0	59	2	-443	0	42	3	75	212	4	25	112
7.262	1	281	0	57	2	-410	0	41	3	73	258	4	24	144
7.281	1	350	0	62	2	-362	0	36	3	71	328	4	23	186
7.300	1	422	0	59	2	-320	0	32	3	68	395	4	21	240
7.350	1	593	0	52	2	-222	0	29	3	60	552	4	16	371
7.400	1	739	0	45	2	-136	0	25	3	53	679	4	12	489
7.418	1	784	0	37	2	-107	0	24	3	46	690	4	6	528
7.450	1	843	0	21	2	-60	0	22	3	41	742	4	3	582
7.500	1	914	0	13	2	4	0	18	3	34	834	4	-3	741
7.550	1	963	0	6	2	56	0	15	3	27	871	4	-9	801
7.575	1	978	0	8	2	77	0	13	3	24	877	4	-12	821
7.600	1	991	0	6	2	96	0	11	3	20	878	4	-15	838
7.643	1	996	0	1	2	122	0	8	3	15	808	4	-20	898
7.650	1	997	0	-2	2	125	0	7	3	13	804	4	-22	901
7.700	1	968	0	-20	2	143	0	4	3	6	745	4	-29	894
7.731	1	929	0	-32	2	148	0	1	3	2	152	4	-39	872
7.750	1	894	0	-36	2	146	0	1	3	1	147	4	-42	848
7.800	1	779	0	-40	2	137	0	-2	3	-2	138	4	-51	779
7.850	1	628	0	-49	2	118	0	-6	3	-5	119	4	-59	628
7.865	1	576	0	-51	2	112	0	-7	3	-7	113	4	-62	576
7.900	1	452	0	-56	2	89	0	-9	3	-9	89	4	-67	452
7.950	1	244	0	-75	2	49	0	-12	3	-12	49	1	-75	244

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MainedOT_Config-2

SPAN.LOC FRAC	COMB	MAX MOMENT			COMB	MIN MOMENT			COMB	MAX SHEAR		COMB	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.994	1	29	0	-72	2	6	0	-26	3	-15	11	4	-81	27
8.000	1	7	0	-37	2	-5	0	-56	3	-15	5	4	-81	-1
8.000	1	0	0	1	2	-2	0	4	2	4	-2	1	1	0
8.375	1	0	0	0	2	-1	0	4	2	4	-1	1	0	0
9.000	1	0	0	0	2	0	0	0	3	3	0	1	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MainedOT_Config-3

SPAN.LOC FRAC	COMB	MAX MOMENT			COMB	MIN MOMENT			COMB	MAX SHEAR		COMB	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	1	0	0	2	-1	0	0	1	0	1	2	0	-1
0.625	1	1	0	0	2	-1	0	-1	3	0	1	4	-1	-1
1.000	1	1	0	0	2	-1	0	-1	1	0	1	2	-1	-1
1.000	1	2	0	34	2	-2	0	57	3	65	-1	4	13	0
1.000	1	2	0	37	2	-1	0	46	3	65	0	4	13	0
1.049	1	170	0	61	2	32	0	10	1	61	170	2	10	32
1.050	1	172	0	61	4	33	0	10	1	61	172	2	10	33
1.100	1	324	0	55	4	56	0	7	1	55	324	2	7	56
1.109	1	350	0	54	4	60	0	6	1	54	350	2	6	60
1.150	1	456	0	38	2	71	0	3	3	49	456	2	3	71
1.169	1	501	0	36	2	74	0	2	3	47	501	2	2	74
1.200	1	567	0	43	2	76	0	0	3	43	563	2	0	76
1.203	1	574	0	43	2	76	0	0	3	43	570	2	0	76
1.230	1	626	0	28	2	75	0	-2	3	40	616	2	-2	75
1.248	1	659	0	26	2	73	0	-3	3	38	644	4	-3	73
1.250	1	661	0	25	2	73	0	-3	3	37	646	4	-3	82
1.300	1	729	0	18	2	60	0	-6	3	30	701	4	-6	70
1.350	1	776	0	15	2	39	0	-9	3	23	731	4	-11	562
1.352	1	777	0	15	2	38	0	-9	3	23	731	4	-11	563
1.400	1	800	0	8	2	8	0	-12	3	16	705	4	-16	626
1.407	1	801	0	2	2	3	0	-13	3	11	703	4	-21	629
1.450	1	784	0	-16	2	-33	0	-16	3	6	674	4	-27	631
1.500	1	739	0	-23	2	-83	0	-19	3	0	620	4	-34	621
1.550	1	679	0	-23	2	-141	0	-22	3	-5	545	4	-41	588
1.585	1	625	0	-27	2	-187	0	-25	3	-9	477	4	-46	547
1.600	1	600	0	-30	2	-209	0	-25	3	-11	453	4	-49	527
1.650	1	496	0	-48	2	-286	0	-30	3	-15	291	4	-56	439
1.686	1	403	0	-49	2	-353	0	-35	3	-18	215	4	-60	357
1.700	1	370	0	-51	2	-381	0	-36	3	-20	187	4	-63	326
1.750	1	229	0	-58	2	-489	0	-40	3	-23	-10	4	-69	189
1.764	1	186	0	-66	2	-520	0	-39	3	-22	-29	4	-78	164
1.800	1	60	0	-70	2	-604	0	-42	3	-24	-78	4	-83	27
1.850	1	-114	0	-59	2	-752	0	-66	3	-27	-152	4	-89	-181
1.882	1	-182	0	-33	2	-878	0	-80	3	-29	-201	4	-93	-366
1.893	1	-203	0	-34	2	-928	0	-81	3	-30	-219	4	-94	-417
1.900	1	-216	0	-34	2	-960	0	-81	3	-30	-233	4	-95	-448
1.950	1	-317	0	-38	2	-1216	0	-98	3	-33	-323	4	-102	-692
2.000	1	-421	0	-37	2	-1497	0	-103	3	-37	-421	4	-108	-955
2.000	1	-421	0	36	2	-1493	0	95	3	99	-1048	4	34	-426
2.042	1	-307	0	32	2	-1181	0	90	3	94	-721	4	30	-318
2.050	1	-287	0	32	2	-1127	0	86	3	93	-677	4	30	-302
2.075	1	-225	0	30	2	-960	0	84	3	90	-523	4	27	-245
2.085	1	-202	0	30	2	-896	0	87	3	94	-466	4	29	-226
2.100	1	-164	0	28	2	-793	0	84	3	91	-374	4	28	-167
2.150	1	24	0	57	2	-482	0	70	3	83	-82	4	23	-63

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
2.200	1	245	0	64	2	-251	0	39	3	75	177	4	19	22
2.202	1	254	0	63	2	-236	0	32	3	75	186	4	19	25
2.210	1	292	0	62	2	-216	0	31	3	73	224	4	18	37
2.250	1	471	0	56	2	-119	0	28	3	66	399	4	14	89
2.300	1	666	0	48	2	-17	0	22	3	57	582	4	10	138
2.335	1	781	0	38	2	38	0	18	3	48	685	4	4	529
2.350	1	819	0	34	2	60	0	17	3	45	718	4	2	561
2.400	1	921	0	15	2	119	0	13	3	36	846	4	-5	717
2.450	1	983	0	6	2	158	0	7	3	27	896	4	-13	787
2.460	1	990	0	4	2	157	0	-6	3	26	900	4	-14	796
2.485	1	1001	0	0	2	142	0	-8	3	22	860	4	-18	863
2.500	1	1004	0	-3	2	132	0	-10	3	19	859	4	-21	870
2.550	1	983	0	-12	2	84	0	-14	3	11	832	4	-29	871
2.585	1	951	0	-19	2	40	0	-18	3	1	791	4	-39	848
2.600	1	926	0	-23	2	17	0	-19	3	-2	763	4	-43	827
2.650	1	811	0	-32	2	-70	0	-24	3	-9	556	4	-52	727
2.700	1	654	0	-41	2	-174	0	-28	3	-14	88	4	-61	585
2.710	1	618	0	-43	2	-196	0	-29	3	-15	77	4	-62	552
2.750	1	458	0	-61	2	-300	0	-34	3	-19	13	4	-70	357
2.766	1	386	0	-63	2	-348	0	-35	3	-20	-11	4	-73	288
2.800	1	237	0	-65	2	-462	0	-43	3	-23	-76	4	-79	132
2.835	1	67	0	-76	2	-601	0	-55	3	-22	-148	4	-91	-51
2.850	1	-14	0	-57	2	-676	0	-76	3	-23	-184	4	-95	-141
2.888	1	-188	0	-36	2	-917	0	-88	3	-26	-256	4	-101	-389
2.900	1	-225	0	-38	2	-1004	0	-97	3	-28	-289	4	-104	-471
2.917	1	-278	0	-39	2	-1139	0	-99	3	-29	-329	4	-107	-595
2.950	1	-376	0	-36	2	-1406	0	-107	3	-32	-416	4	-112	-835
3.000	1	-531	0	-41	2	-1847	0	-113	3	-37	-556	4	-120	-1231
3.000	1	-532	0	35	2	-1841	0	106	2	106	-1841	4	35	-581
3.042	1	-419	0	31	2	-1499	0	97	2	97	-1499	4	31	-469
3.050	1	-403	0	31	2	-1439	0	96	2	96	-1439	4	31	-453
3.085	1	-322	0	32	2	-1178	0	95	3	96	-592	4	32	-372
3.100	1	-283	0	36	2	-1061	0	94	2	94	-1061	4	30	-286
3.113	1	-237	0	52	2	-973	0	87	3	91	-420	4	29	-256
3.150	1	-77	0	59	2	-736	0	72	3	85	-200	4	26	-174
3.200	1	152	0	61	2	-492	0	51	3	77	67	4	21	-80
3.210	1	197	0	60	2	-460	0	41	3	76	115	4	20	-65
3.249	1	369	0	55	2	-336	0	35	3	69	296	4	17	-7
3.250	1	371	0	58	2	-333	0	31	3	68	297	4	16	-5
3.300	1	573	0	50	2	-216	0	27	3	59	488	4	12	52
3.335	1	694	0	40	2	-146	0	24	3	51	596	4	6	456
3.350	1	734	0	37	2	-117	0	22	3	47	632	4	4	491
3.400	1	845	0	17	2	-37	0	18	3	38	769	4	-3	654
3.450	1	916	0	8	2	26	0	14	3	30	829	4	-11	731
3.460	1	925	0	7	2	36	0	13	3	28	835	4	-12	742
3.500	1	947	0	-1	2	71	0	9	3	21	849	4	-18	776
3.510	1	948	0	-2	2	73	0	-6	3	20	808	4	-20	819
3.550	1	936	0	-10	2	42	0	-12	3	13	792	4	-27	825
3.585	1	911	0	-17	2	5	0	-16	3	3	756	4	-37	808
3.600	1	889	0	-20	2	-15	0	-17	3	0	615	4	-40	790
3.650	1	784	0	-30	2	-93	0	-21	3	-5	93	4	-49	700
3.700	1	638	0	-39	2	-188	0	-26	3	-10	63	4	-58	569
3.710	1	604	0	-40	2	-208	0	-27	3	-11	56	4	-60	538
3.750	1	452	0	-58	2	-305	0	-31	3	-14	6	4	-67	351
3.765	1	388	0	-60	2	-346	0	-33	3	-15	-11	4	-70	290
3.800	1	240	0	-62	2	-457	0	-40	3	-18	-68	4	-77	137
3.835	1	76	0	-74	2	-588	0	-52	3	-17	-125	4	-89	-40
3.850	1	-1	0	-55	2	-661	0	-73	3	-18	-155	4	-92	-126
3.887	1	-168	0	-34	2	-894	0	-85	3	-22	-213	4	-99	-366
3.900	1	-202	0	-35	2	-979	0	-94	3	-23	-244	4	-101	-446

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
3.917	1	-253	0	-37	2	-1111	0	-96	3	-24	-276	-566	4	-104	-799	-1185
3.950	1	-346	0	-34	2	-1370	0	-105	3	-27	-348	-799	4	-110	-799	-1185
4.000	1	-466	0	-32	2	-1801	0	-111	3	-32	-469	-1185	4	-117	-1185	-1185
4.000	1	-469	0	36	2	-1795	0	105	2	105	-1795	-542	4	35	-542	-542
4.042	1	-353	0	32	2	-1455	0	97	2	97	-1455	-431	4	30	-431	-431
4.050	1	-340	0	32	2	-1395	0	96	2	96	-1395	-416	4	30	-416	-416
4.085	1	-243	0	37	2	-1136	0	95	2	95	-1136	-332	4	31	-332	-332
4.100	1	-200	0	35	2	-1020	0	93	2	93	-1020	-250	4	30	-250	-250
4.112	1	-165	0	34	2	-933	0	86	3	91	-378	-221	4	28	-221	-221
4.150	1	-39	0	53	2	-698	0	72	3	85	-160	-141	4	25	-141	-141
4.200	1	183	0	61	2	-458	0	42	3	76	104	-50	4	20	-50	-50
4.210	1	228	0	59	2	-426	0	41	3	75	151	-34	4	19	-34	-34
4.234	1	337	0	60	2	-346	0	32	3	71	266	2	4	17	2	2
4.250	1	404	0	57	2	-307	0	31	3	68	331	23	4	16	23	23
4.300	1	604	0	49	2	-192	0	26	3	58	518	77	4	11	77	77
4.335	1	722	0	39	2	-124	0	23	3	50	624	481	4	5	481	481
4.350	1	762	0	36	2	-96	0	22	3	46	659	515	4	3	515	515
4.400	1	869	0	16	2	-17	0	17	3	37	793	675	4	-4	675	675
4.450	1	937	0	7	2	43	0	13	3	29	850	749	4	-11	749	749
4.460	1	946	0	6	2	53	0	12	3	27	856	760	4	-13	760	760
4.500	1	965	0	-2	2	85	0	8	3	20	866	791	4	-19	791	791
4.503	1	965	0	-2	2	87	0	8	3	20	825	834	4	-19	834	834
4.550	1	951	0	-11	2	55	0	-13	3	12	804	839	4	-27	839	839
4.585	1	923	0	-17	2	16	0	-16	3	3	767	820	4	-38	820	820
4.600	1	900	0	-21	2	-6	0	-17	3	0	625	801	4	-41	801	801
4.650	1	792	0	-30	2	-86	0	-22	3	-6	100	708	4	-50	708	708
4.700	1	642	0	-39	2	-183	0	-26	3	-10	67	574	4	-59	574	574
4.710	1	608	0	-41	2	-204	0	-27	3	-11	58	542	4	-61	542	542
4.750	1	454	0	-59	2	-303	0	-32	3	-15	8	353	4	-68	353	353
4.765	1	387	0	-61	2	-347	0	-34	3	-16	-11	289	4	-71	289	289
4.800	1	239	0	-63	2	-458	0	-41	3	-19	-69	135	4	-77	135	135
4.835	1	73	0	-75	2	-592	0	-53	3	-18	-128	-43	4	-90	-43	-43
4.850	1	-5	0	-55	2	-665	0	-74	3	-19	-159	-131	4	-93	-131	-131
4.887	1	-174	0	-35	2	-901	0	-86	3	-22	-219	-373	4	-99	-373	-373
4.900	1	-209	0	-36	2	-987	0	-95	3	-23	-250	-454	4	-102	-454	-454
4.917	1	-260	0	-38	2	-1119	0	-97	3	-25	-283	-575	4	-105	-575	-575
4.950	1	-355	0	-35	2	-1381	0	-106	3	-28	-358	-810	4	-111	-810	-810
5.000	1	-478	0	-33	2	-1815	0	-111	3	-33	-480	-1199	4	-118	-1199	-1199
5.000	1	-481	0	36	2	-1809	0	105	2	105	-1809	-554	4	35	-554	-554
5.042	1	-365	0	32	2	-1468	0	97	2	97	-1468	-443	4	31	-443	-443
5.050	1	-351	0	32	2	-1409	0	96	2	96	-1409	-427	4	30	-427	-427
5.085	1	-253	0	37	2	-1149	0	95	2	95	-1149	-343	4	31	-343	-343
5.100	1	-210	0	35	2	-1033	0	94	2	94	-1033	-261	4	30	-261	-261
5.112	1	-175	0	34	2	-946	0	86	3	91	-390	-232	4	29	-232	-232
5.150	1	-49	0	54	2	-710	0	72	3	85	-172	-151	4	25	-151	-151
5.200	1	174	0	61	2	-469	0	42	3	76	93	-59	4	21	-59	-59
5.210	1	218	0	60	2	-437	0	41	3	75	140	-44	4	20	-44	-44
5.239	1	347	0	60	2	-344	0	32	3	70	276	-1	4	17	-1	-1
5.250	1	394	0	57	2	-316	0	31	3	68	320	14	4	16	14	14
5.300	1	594	0	49	2	-200	0	26	3	59	508	69	4	11	69	69
5.335	1	713	0	39	2	-132	0	23	3	50	615	473	4	5	473	473
5.350	1	753	0	36	2	-104	0	22	3	47	650	507	4	3	507	507
5.400	1	861	0	16	2	-24	0	18	3	38	785	668	4	-4	668	668
5.450	1	930	0	8	2	37	0	13	3	29	842	743	4	-11	743	743
5.460	1	938	0	6	2	46	0	12	3	28	849	754	4	-12	754	754
5.500	1	958	0	-1	2	80	0	9	3	21	860	785	4	-19	785	785
5.504	1	958	0	-2	2	82	0	8	3	20	819	828	4	-19	828	828
5.550	1	945	0	-10	2	50	0	-12	3	13	799	833	4	-27	833	833
5.585	1	918	0	-17	2	12	0	-16	3	3	762	815	4	-38	815	815

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
5.600	1	895	0	-21	2	-10	0	-17	3	0	621	4	-41	797		
5.650	1	788	0	-30	2	-89	0	-22	3	-6	96	4	-50	704		
5.700	1	639	0	-39	2	-186	0	-26	3	-10	64	4	-59	570		
5.710	1	605	0	-41	2	-206	0	-27	3	-11	55	4	-60	539		
5.750	1	451	0	-59	2	-305	0	-32	3	-14	5	4	-68	350		
5.764	1	389	0	-61	2	-346	0	-33	3	-16	-12	4	-70	291		
5.800	1	238	0	-63	2	-459	0	-41	3	-19	-71	4	-77	133		
5.835	1	72	0	-74	2	-593	0	-53	3	-18	-129	4	-89	-44		
5.850	1	-6	0	-55	2	-666	0	-74	3	-19	-160	4	-93	-132		
5.888	1	-181	0	-58	2	-901	0	-86	3	-22	-219	4	-99	-374		
5.900	1	-229	0	-36	2	-987	0	-95	3	-23	-251	4	-102	-454		
5.917	1	-278	0	-33	2	-1119	0	-97	3	-25	-284	4	-105	-574		
5.950	1	-356	0	-28	2	-1380	0	-105	3	-28	-357	4	-110	-810		
6.000	1	-477	0	-33	2	-1813	0	-111	3	-33	-480	4	-118	-1198		
6.000	1	-480	0	36	2	-1808	0	105	2	105	-1808	4	36	-569		
6.042	1	-363	0	32	2	-1466	0	97	2	97	-1466	4	31	-456		
6.050	1	-349	0	32	2	-1407	0	96	2	96	-1407	4	31	-439		
6.085	1	-251	0	37	2	-1146	0	95	2	95	-1146	4	32	-353		
6.100	1	-208	0	35	2	-1034	0	94	2	94	-1030	4	31	-262		
6.112	1	-173	0	34	2	-943	0	86	3	91	-388	4	30	-232		
6.150	1	-47	0	54	2	-707	0	72	3	85	-169	4	26	-143		
6.200	1	177	0	61	2	-466	0	42	3	77	96	4	22	-41		
6.210	1	221	0	60	2	-434	0	41	3	75	144	4	21	-25		
6.237	1	344	0	60	2	-345	0	32	3	71	273	4	18	18		
6.250	1	398	0	57	2	-312	0	31	3	68	324	4	17	41		
6.300	1	598	0	49	2	-197	0	26	3	59	513	4	13	106		
6.335	1	718	0	40	2	-128	0	23	3	50	620	4	5	477		
6.350	1	758	0	36	2	-99	0	22	3	47	655	4	3	511		
6.400	1	867	0	17	2	-20	0	18	3	38	791	4	-4	602		
6.450	1	936	0	8	2	42	0	13	3	29	848	4	-11	748		
6.460	1	944	0	6	2	52	0	12	3	28	854	4	-12	759		
6.500	1	964	0	-1	2	85	0	9	3	21	866	4	-19	791		
6.506	1	964	0	-2	2	89	0	8	3	20	824	4	-20	835		
6.550	1	951	0	-10	2	86	0	-9	3	13	805	4	-27	840		
6.585	1	925	0	-17	2	52	0	-15	3	3	768	4	-37	822		
6.600	1	902	0	-21	2	33	0	-16	3	0	626	4	-41	804		
6.650	1	795	0	-30	2	-40	0	-20	3	-6	103	4	-50	712		
6.700	1	647	0	-39	2	-135	0	-26	3	-10	71	4	-59	578		
6.710	1	612	0	-41	2	-155	0	-27	3	-11	63	4	-60	547		
6.750	1	458	0	-59	2	-250	0	-31	3	-14	10	4	-68	359		
6.769	1	377	0	-58	2	-298	0	-36	3	-16	-12	4	-71	281		
6.800	1	244	0	-63	2	-396	0	-42	3	-19	-66	4	-77	142		
6.835	1	79	0	-74	2	-532	0	-59	3	-18	-124	4	-89	-36		
6.850	1	1	0	-55	2	-613	0	-70	3	-18	-155	4	-93	-123		
6.900	1	-235	0	-58	2	-926	0	-94	3	-23	-243	4	-102	-445		
6.917	1	-274	0	-26	2	-1057	0	-97	3	-25	-276	4	-105	-566		
6.950	1	-350	0	-28	2	-1312	0	-101	3	-27	-351	4	-110	-801		
7.000	1	-470	0	-32	2	-1736	0	-110	3	-32	-470	4	-117	-1188		
7.000	1	-472	0	38	2	-1731	0	105	2	105	-1731	4	37	-524		
7.050	1	-363	0	34	2	-1400	0	101	2	101	-1400	4	34	-415		
7.053	1	-357	0	34	2	-1381	0	101	2	101	-1381	4	34	-409		
7.100	1	-247	0	36	2	-1093	0	92	2	92	-1093	4	31	-323		
7.106	1	-233	0	38	2	-1059	0	94	3	96	-500	4	36	-244		
7.125	1	-188	0	36	2	-948	0	87	3	94	-399	4	35	-200		
7.150	1	-132	0	34	2	-813	0	76	3	90	-273	4	33	-144		
7.200	1	48	0	63	2	-593	0	47	3	84	-35	4	29	-42		
7.250	1	238	0	60	2	-448	0	42	3	76	180	4	25	114		
7.262	1	284	0	58	2	-416	0	41	3	75	228	4	24	146		
7.281	1	354	0	63	2	-364	0	34	3	72	301	4	23	191		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.300	1	426	0	60	2	-323	0	33	3	69	369	4	21	243
7.350	1	602	0	53	2	-225	0	29	3	62	562	4	16	368
7.400	1	753	0	46	2	-138	0	25	3	55	697	4	12	476
7.418	1	801	0	39	2	-109	0	24	3	48	739	4	6	517
7.450	1	866	0	34	2	-62	0	22	3	43	793	4	3	575
7.500	1	943	0	15	2	2	0	18	3	35	853	4	-3	743
7.550	1	989	0	7	2	54	0	15	3	28	882	4	-9	810
7.575	1	1000	0	7	2	76	0	13	3	24	882	4	-12	834
7.600	1	1012	0	6	2	95	0	11	3	20	875	4	-16	853
7.643	1	1015	0	0	2	121	0	8	3	14	793	4	-21	918
7.650	1	1015	0	-2	2	124	0	8	3	12	784	4	-22	920
7.700	1	983	0	-21	2	142	0	4	3	5	735	4	-30	910
7.731	1	942	0	-33	2	147	0	2	3	2	149	4	-40	886
7.750	1	905	0	-36	2	144	0	1	3	1	145	4	-43	861
7.800	1	788	0	-41	2	136	0	-2	3	-2	136	4	-52	788
7.850	1	634	0	-49	2	117	0	-5	3	-5	117	4	-60	634
7.865	1	581	0	-51	2	111	0	-6	3	-6	112	4	-62	581
7.900	1	456	0	-57	2	88	0	-8	3	-8	88	4	-68	456
7.950	1	245	0	-75	3	48	0	-12	2	-12	48	4	-75	244
7.994	1	29	0	-72	2	6	0	-26	3	-15	11	4	-82	26
8.000	1	7	0	-40	2	-6	0	-58	3	-15	5	4	-83	-3
8.000	1	0	0	1	2	-2	0	4	2	4	-2	1	1	0
8.375	1	0	0	0	2	-1	0	4	2	4	-1	1	0	0
9.000	1	0	0	0	2	0	0	0	3	3	0	1	0	

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
0.000	1	1	0	0	2	-1	0	0	1	0	1	4	0	-1		
0.625	1	1	0	0	2	-1	0	-1	3	0	1	4	-1	-1		
1.000	1	1	0	0	2	-1	0	-1	1	0	1	2	-1	-1		
1.000	1	2	0	35	2	-1	0	53	3	67	-1	4	13	0		
1.000	1	2	0	38	2	-1	0	51	3	67	0	4	13	0		
1.049	1	176	0	63	4	32	0	10	1	63	176	4	10	32		
1.050	1	179	0	63	4	33	0	10	1	63	179	4	10	33		
1.100	1	336	0	57	4	57	0	7	1	57	336	4	7	57		
1.109	1	363	0	56	4	60	0	6	1	56	363	4	6	60		
1.150	1	471	0	39	4	71	0	4	3	51	471	4	4	71		
1.169	1	517	0	37	4	74	0	2	3	49	517	4	2	74		
1.200	1	580	0	32	4	77	0	0	3	45	580	4	0	77		
1.203	1	586	0	32	4	77	0	0	3	44	586	4	0	77		
1.230	1	632	0	29	4	76	0	-2	3	41	632	4	-2	76		
1.248	1	664	0	30	2	74	0	-3	3	39	660	2	-3	74		
1.250	1	666	0	29	2	74	0	-3	3	38	662	4	-3	83		
1.300	1	732	0	22	2	61	0	-6	3	31	716	4	-6	71		
1.350	1	770	0	3	2	40	0	-9	3	24	742	4	-11	556		
1.352	1	771	0	3	2	39	0	-9	3	23	742	4	-11	558		
1.400	1	781	0	-4	2	9	0	-12	3	17	712	4	-16	627		
1.407	1	780	0	-10	2	5	0	-13	3	12	710	4	-21	631		
1.450	1	758	0	-17	2	-31	0	-16	3	6	677	4	-27	638		
1.500	1	721	0	-24	2	-81	0	-19	3	0	624	4	-34	627		
1.550	1	663	0	-21	2	-139	0	-22	3	-5	549	4	-42	592		
1.585	1	605	0	-26	2	-185	0	-24	3	-9	485	4	-46	551		
1.600	1	578	0	-29	2	-207	0	-25	3	-11	455	4	-49	531		
1.650	1	477	0	-36	2	-284	0	-30	3	-15	290	4	-56	443		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.686	1	391	0	-37	2	-349	0	-35	3	-18	220	4	-61	363		
1.700	1	361	0	-40	2	-377	0	-36	3	-20	185	4	-64	331		
1.750	1	227	0	-58	2	-485	0	-40	3	-23	-12	4	-71	195		
1.764	1	185	0	-67	2	-516	0	-39	3	-22	-30	4	-79	152		
1.800	1	58	0	-71	2	-600	0	-42	3	-24	-79	4	-84	20		
1.850	1	-120	0	-59	2	-748	0	-70	3	-27	-153	4	-91	-184		
1.882	1	-184	0	-33	2	-874	0	-77	3	-29	-203	4	-95	-327		
1.893	1	-204	0	-34	2	-922	0	-78	3	-30	-221	4	-96	-377		
1.900	1	-218	0	-34	2	-953	0	-79	3	-30	-234	4	-98	-408		
1.950	1	-319	0	-38	2	-1207	0	-96	3	-33	-326	4	-104	-649		
2.000	1	-422	0	-37	2	-1478	0	-106	3	-37	-423	4	-109	-905		
2.000	1	-423	0	36	2	-1475	0	92	3	100	-996	4	34	-427		
2.042	1	-308	0	32	2	-1175	0	89	3	95	-666	4	30	-318		
2.050	1	-288	0	32	2	-1122	0	88	3	94	-621	4	30	-302		
2.075	1	-226	0	30	2	-950	0	84	3	91	-470	4	27	-245		
2.085	1	-203	0	30	2	-887	0	85	3	94	-414	4	30	-226		
2.100	1	-164	0	28	2	-785	0	83	3	92	-323	4	28	-167		
2.150	1	20	0	57	2	-481	0	72	3	85	-35	4	24	-64		
2.200	1	241	0	66	2	-250	0	43	3	76	224	4	19	22		
2.202	1	250	0	66	2	-234	0	32	3	76	233	4	19	25		
2.210	1	287	0	65	2	-214	0	31	3	75	271	4	18	36		
2.250	1	467	0	58	2	-118	0	28	3	68	449	4	14	89		
2.300	1	658	0	50	2	-16	0	22	3	59	636	4	10	138		
2.335	1	770	0	27	2	40	0	18	3	50	743	4	4	530		
2.350	1	806	0	24	2	62	0	17	3	46	777	4	2	564		
2.400	1	901	0	15	2	121	0	13	3	37	867	4	-5	721		
2.450	1	961	0	4	2	159	0	7	3	28	915	4	-13	790		
2.460	1	968	0	2	2	158	0	-6	3	27	920	4	-14	801		
2.485	1	982	0	-2	2	144	0	-8	3	23	877	4	-18	871		
2.500	1	986	0	-5	2	133	0	-10	3	20	876	4	-21	879		
2.550	1	970	0	-15	2	85	0	-14	3	11	844	4	-30	884		
2.585	1	933	0	-17	2	42	0	-18	3	1	797	4	-41	863		
2.600	1	907	0	-20	2	18	0	-19	3	-2	767	4	-44	843		
2.650	1	788	0	-30	2	-68	0	-23	3	-9	560	4	-54	743		
2.700	1	634	0	-41	2	-172	0	-28	3	-14	89	4	-63	600		
2.710	1	599	0	-43	2	-194	0	-29	3	-15	77	4	-65	567		
2.750	1	443	0	-50	2	-298	0	-34	3	-19	14	4	-72	413		
2.766	1	372	0	-53	2	-344	0	-35	3	-20	-10	4	-75	343		
2.800	1	225	0	-55	2	-458	0	-43	3	-23	-78	4	-81	186		
2.835	1	60	0	-62	2	-600	0	-60	3	-22	-149	4	-94	3		
2.850	1	-19	0	-68	2	-679	0	-73	3	-23	-184	4	-97	-87		
2.888	1	-190	0	-36	2	-916	0	-89	3	-26	-258	4	-103	-336		
2.900	1	-226	0	-38	2	-1003	0	-92	3	-28	-291	4	-106	-417		
2.917	1	-279	0	-39	2	-1132	0	-94	3	-29	-332	4	-108	-539		
2.950	1	-377	0	-36	2	-1397	0	-108	3	-32	-419	4	-113	-775		
3.000	1	-532	0	-41	2	-1839	0	-114	3	-37	-558	4	-120	-1160		
3.000	1	-533	0	35	2	-1833	0	104	2	104	-1833	4	35	-577		
3.042	1	-420	0	31	2	-1490	0	97	2	97	-1490	4	31	-464		
3.050	1	-404	0	31	2	-1429	0	96	3	96	-754	4	31	-448		
3.085	1	-323	0	32	2	-1170	0	94	3	96	-541	4	32	-367		
3.100	1	-284	0	36	2	-1059	0	87	3	94	-448	4	30	-287		
3.113	1	-247	0	57	2	-973	0	85	3	92	-370	4	29	-257		
3.150	1	-82	0	58	2	-735	0	72	3	87	-152	4	26	-175		
3.200	1	148	0	64	2	-488	0	42	3	79	115	4	21	-81		
3.210	1	193	0	63	2	-456	0	41	3	77	163	4	20	-65		
3.249	1	364	0	57	2	-334	0	35	3	71	345	4	17	-7		
3.250	1	366	0	60	2	-330	0	31	3	70	347	4	16	-5		
3.300	1	565	0	39	2	-214	0	27	3	61	542	4	12	52		
3.335	1	682	0	30	2	-144	0	24	3	52	654	4	6	458		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
3.350	1	721	0	26	2	-116	0	22	3	49	691	4	4	4	494	
3.400	1	825	0	18	2	-34	0	18	3	40	790	4	-3	4	658	
3.450	1	895	0	6	2	28	0	13	3	31	849	4	-11	4	735	
3.460	1	905	0	4	2	38	0	13	3	29	855	4	-12	4	747	
3.500	1	930	0	-3	2	72	0	9	3	22	866	4	-19	4	785	
3.510	1	931	0	-5	2	74	0	-6	3	20	824	4	-20	4	830	
3.550	1	924	0	-12	2	44	0	-12	3	13	804	4	-27	4	839	
3.585	1	894	0	-14	2	7	0	-15	3	3	763	4	-38	4	824	
3.600	1	871	0	-18	2	-14	0	-17	3	0	619	4	-41	4	807	
3.650	1	762	0	-27	2	-91	0	-21	3	-5	93	4	-51	4	717	
3.700	1	618	0	-39	2	-186	0	-26	3	-10	64	4	-60	4	584	
3.710	1	585	0	-40	2	-206	0	-27	3	-11	55	4	-62	4	552	
3.750	1	437	0	-48	2	-303	0	-31	3	-14	7	4	-70	4	407	
3.765	1	373	0	-50	2	-342	0	-33	3	-15	-10	4	-72	4	344	
3.800	1	229	0	-52	2	-452	0	-40	3	-18	-68	4	-79	4	191	
3.835	1	70	0	-60	2	-588	0	-57	3	-17	-125	4	-91	4	14	
3.850	1	-6	0	-66	2	-664	0	-71	3	-18	-155	4	-95	4	-73	
3.887	1	-169	0	-34	2	-893	0	-87	3	-22	-214	4	-101	4	-313	
3.900	1	-204	0	-35	2	-977	0	-90	3	-23	-243	4	-103	4	-391	
3.917	1	-253	0	-37	2	-1103	0	-92	3	-24	-277	4	-106	4	-510	
3.950	1	-347	0	-34	2	-1360	0	-102	3	-27	-352	4	-111	4	-739	
4.000	1	-468	0	-32	2	-1792	0	-112	1	-32	-468	4	-117	4	-1113	
4.000	1	-470	0	36	2	-1787	0	104	2	104	-1787	4	35	4	-538	
4.042	1	-355	0	32	2	-1446	0	97	2	97	-1446	4	31	4	-427	
4.050	1	-341	0	32	2	-1385	0	95	3	95	-708	4	30	4	-411	
4.085	1	-244	0	37	2	-1128	0	94	3	96	-497	4	31	4	-331	
4.100	1	-201	0	35	2	-1018	0	86	3	93	-405	4	30	4	-251	
4.112	1	-166	0	34	2	-933	0	85	3	92	-329	4	28	4	-222	
4.150	1	-43	0	53	2	-697	0	71	3	86	-113	4	25	4	-141	
4.200	1	180	0	63	2	-454	0	42	3	78	151	4	20	4	-50	
4.210	1	224	0	62	2	-423	0	40	3	76	199	4	20	4	-35	
4.234	1	333	0	63	2	-344	0	32	3	73	315	4	17	4	2	
4.250	1	399	0	59	2	-304	0	31	3	69	380	4	16	4	23	
4.300	1	595	0	51	2	-190	0	26	3	61	572	4	11	4	77	
4.335	1	710	0	29	2	-122	0	23	3	51	682	4	5	4	482	
4.350	1	748	0	26	2	-94	0	22	3	48	718	4	3	4	518	
4.400	1	849	0	17	2	-15	0	17	3	39	814	4	-4	4	678	
4.450	1	916	0	5	2	44	0	13	3	30	869	4	-11	4	753	
4.460	1	925	0	4	2	54	0	12	3	29	875	4	-13	4	765	
4.500	1	947	0	-4	2	86	0	8	3	21	883	4	-19	4	801	
4.503	1	948	0	-4	2	88	0	8	3	21	841	4	-20	4	843	
4.550	1	938	0	-13	2	56	0	-12	3	13	816	4	-28	4	853	
4.585	1	906	0	-15	2	17	0	-16	3	3	773	4	-39	4	836	
4.600	1	882	0	-19	2	-4	0	-17	3	0	628	4	-42	4	818	
4.650	1	770	0	-28	2	-84	0	-22	3	-6	100	4	-52	4	725	
4.700	1	623	0	-40	2	-181	0	-26	3	-10	66	4	-61	4	589	
4.710	1	589	0	-41	2	-202	0	-27	3	-11	58	4	-63	4	556	
4.750	1	438	0	-49	2	-301	0	-32	3	-15	9	4	-71	4	409	
4.765	1	372	0	-51	2	-343	0	-33	3	-16	-10	4	-73	4	343	
4.800	1	227	0	-53	2	-454	0	-41	3	-19	-69	4	-80	4	189	
4.835	1	67	0	-61	2	-592	0	-58	3	-18	-128	4	-92	4	11	
4.850	1	-9	0	-66	2	-669	0	-72	3	-19	-159	4	-96	4	-77	
4.887	1	-175	0	-35	2	-900	0	-88	3	-22	-220	4	-101	4	-320	
4.900	1	-211	0	-36	2	-985	0	-90	3	-23	-250	4	-104	4	-399	
4.917	1	-262	0	-38	2	-1112	0	-92	3	-25	-284	4	-106	4	-519	
4.950	1	-356	0	-35	2	-1372	0	-106	3	-28	-361	4	-112	4	-750	
5.000	1	-480	0	-33	2	-1806	0	-113	1	-33	-480	4	-118	4	-1127	
5.000	1	-482	0	36	2	-1801	0	104	2	104	-1801	4	35	4	-550	
5.042	1	-366	0	32	2	-1459	0	97	2	97	-1459	4	31	4	-438	

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
5.050	1	-352	0	32	2	-1399	0	95	3	95	-722	4	31	-422
5.085	1	-254	0	37	2	-1141	0	94	3	96	-510	4	31	-343
5.100	1	-211	0	35	2	-1031	0	86	3	94	-418	4	30	-262
5.112	1	-176	0	34	2	-946	0	85	3	92	-341	4	29	-233
5.150	1	-53	0	53	2	-709	0	72	3	86	-124	4	25	-152
5.200	1	170	0	63	2	-465	0	42	3	78	140	4	21	-60
5.210	1	214	0	62	2	-434	0	41	3	77	188	4	20	-44
5.239	1	343	0	62	2	-341	0	32	3	72	325	4	17	-1
5.250	1	389	0	60	2	-313	0	31	3	70	370	4	16	14
5.300	1	586	0	39	2	-198	0	26	3	61	563	4	11	69
5.335	1	701	0	29	2	-130	0	23	3	51	673	4	5	474
5.350	1	739	0	26	2	-102	0	22	3	48	710	4	3	510
5.400	1	841	0	17	2	-22	0	17	3	39	806	4	-4	672
5.450	1	909	0	5	2	38	0	13	3	30	862	4	-11	747
5.460	1	918	0	4	2	48	0	12	3	29	868	4	-13	759
5.500	1	941	0	-4	2	81	0	8	3	21	877	4	-19	795
5.504	1	942	0	-4	2	84	0	8	3	21	835	4	-20	838
5.550	1	933	0	-13	2	52	0	-12	3	13	811	4	-28	847
5.585	1	901	0	-15	2	13	0	-16	3	3	769	4	-39	831
5.600	1	877	0	-18	2	-8	0	-17	3	0	624	4	-42	813
5.650	1	766	0	-28	2	-87	0	-22	3	-6	96	4	-52	721
5.700	1	619	0	-39	2	-184	0	-26	3	-10	63	4	-61	585
5.710	1	586	0	-41	2	-205	0	-27	3	-11	55	4	-63	553
5.750	1	436	0	-48	2	-303	0	-32	3	-14	6	4	-70	406
5.764	1	375	0	-51	2	-342	0	-33	3	-16	-11	4	-73	346
5.800	1	226	0	-53	2	-455	0	-41	3	-19	-71	4	-79	187
5.835	1	66	0	-61	2	-593	0	-58	3	-18	-129	4	-92	9
5.850	1	-10	0	-66	2	-669	0	-71	3	-19	-160	4	-95	-78
5.888	1	-193	0	-64	2	-900	0	-87	3	-22	-221	4	-101	-320
5.900	1	-230	0	-36	2	-985	0	-90	3	-23	-250	4	-104	-399
5.917	1	-279	0	-32	2	-1111	0	-92	3	-25	-285	4	-106	-519
5.950	1	-358	0	-28	2	-1371	0	-106	3	-28	-361	4	-111	-749
6.000	1	-479	0	-33	2	-1805	0	-112	1	-33	-479	4	-118	-1125
6.000	1	-481	0	37	2	-1799	0	104	2	104	-1799	4	36	-565
6.042	1	-365	0	32	2	-1457	0	97	2	97	-1457	4	32	-451
6.050	1	-350	0	32	2	-1397	0	96	3	96	-720	4	31	-435
6.085	1	-253	0	37	2	-1139	0	94	3	96	-508	4	32	-353
6.100	1	-209	0	35	2	-1029	0	86	3	94	-415	4	31	-265
6.112	1	-174	0	34	2	-943	0	85	3	92	-338	4	30	-235
6.150	1	-51	0	53	2	-706	0	72	3	86	-121	4	26	-142
6.200	1	173	0	64	2	-462	0	42	3	78	144	4	22	-44
6.210	1	217	0	62	2	-430	0	41	3	77	191	4	21	-27
6.237	1	340	0	62	2	-342	0	32	3	72	321	4	18	16
6.250	1	393	0	60	2	-310	0	31	3	70	374	4	17	42
6.300	1	590	0	51	2	-194	0	26	3	61	567	4	13	79
6.335	1	706	0	29	2	-126	0	23	3	52	678	4	5	478
6.350	1	744	0	26	2	-98	0	22	3	48	714	4	3	514
6.400	1	846	0	17	2	-18	0	18	3	39	811	4	-4	676
6.450	1	914	0	5	2	43	0	13	3	30	868	4	-11	752
6.460	1	924	0	4	2	53	0	12	3	29	873	4	-13	764
6.500	1	947	0	-3	2	86	0	9	3	21	883	4	-19	801
6.506	1	948	0	-4	2	90	0	8	3	21	840	4	-20	845
6.550	1	939	0	-13	2	87	0	-9	3	13	816	4	-28	854
6.585	1	907	0	-15	2	54	0	-15	3	3	774	4	-38	838
6.600	1	884	0	-18	2	35	0	-16	3	0	630	4	-42	821
6.650	1	773	0	-27	2	-39	0	-20	3	-6	103	4	-51	729
6.700	1	627	0	-39	2	-133	0	-26	3	-10	71	4	-61	594
6.710	1	594	0	-41	2	-153	0	-27	3	-11	63	4	-63	561
6.750	1	444	0	-48	2	-248	0	-30	3	-14	11	4	-70	415
6.769	1	363	0	-47	2	-295	0	-36	3	-16	-11	4	-73	335

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
6.800	1	233	0	-53	2	-392	0	-39	3	-19	-65	4	-79	196
6.835	1	72	0	-61	2	-533	0	-56	3	-18	-124	4	-92	18
6.850	1	-4	0	-66	2	-612	0	-69	3	-19	-155	4	-95	-70
6.900	1	-239	0	-28	2	-923	0	-86	3	-23	-245	4	-104	-392
6.917	1	-275	0	-26	2	-1048	0	-95	3	-25	-279	4	-106	-511
6.950	1	-352	0	-28	2	-1304	0	-102	3	-28	-355	4	-111	-741
7.000	1	-472	0	-32	2	-1728	0	-110	1	-32	-472	4	-118	-1116
7.000	1	-474	0	38	2	-1722	0	105	2	105	-1722	4	37	-520
7.050	1	-364	0	35	2	-1394	0	100	2	100	-1394	4	34	-411
7.053	1	-358	0	34	2	-1371	0	97	3	98	-724	4	34	-404
7.100	1	-248	0	37	2	-1083	0	91	3	92	-484	4	31	-318
7.106	1	-234	0	38	2	-1050	0	93	3	97	-455	4	36	-246
7.125	1	-189	0	36	2	-944	0	85	3	95	-356	4	35	-202
7.150	1	-133	0	35	2	-811	0	78	3	91	-231	4	33	-146
7.200	1	45	0	62	2	-592	0	60	3	85	6	4	29	-43
7.250	1	242	0	64	2	-444	0	42	3	78	222	4	25	102
7.262	1	287	0	63	2	-412	0	41	3	77	271	4	24	136
7.281	1	357	0	65	2	-362	0	34	3	74	345	4	23	188
7.300	1	428	0	62	2	-321	0	32	3	71	414	4	21	241
7.350	1	598	0	55	2	-222	0	29	3	64	579	4	16	367
7.400	1	741	0	35	2	-136	0	25	3	56	713	4	12	479
7.418	1	786	0	27	2	-107	0	24	3	49	754	4	6	520
7.450	1	844	0	22	2	-61	0	22	3	44	805	4	3	579
7.500	1	922	0	13	2	4	0	18	3	36	861	4	-3	747
7.550	1	975	0	6	2	56	0	15	3	28	887	4	-10	814
7.575	1	988	0	2	2	78	0	13	3	25	888	4	-12	839
7.600	1	995	0	-2	2	97	0	11	3	20	882	4	-16	862
7.643	1	986	0	1	2	122	0	8	3	14	801	4	-21	930
7.650	1	985	0	-17	2	126	0	7	3	12	796	4	-23	933
7.700	1	966	0	-9	2	143	0	4	3	5	737	4	-31	926
7.731	1	936	0	-20	2	148	0	1	3	2	151	4	-41	904
7.750	1	906	0	-37	2	145	0	1	3	1	147	4	-45	880
7.800	1	794	0	-45	2	137	0	-2	3	-2	138	4	-53	784
7.850	1	648	0	-50	2	117	0	-5	2	-5	117	4	-62	648
7.865	1	596	0	-52	2	112	0	-7	3	-7	112	4	-64	596
7.900	1	472	0	-58	2	88	0	-8	2	-8	88	4	-70	472
7.950	1	255	0	-78	2	48	0	-12	3	-12	48	1	-78	255
7.994	1	30	0	-75	2	5	0	-26	3	-15	11	4	-85	28
8.000	1	7	0	-40	2	-6	0	-63	3	-15	5	4	-85	-2
8.000	1	0	0	1	2	-3	0	5	2	5	-3	1	1	0
8.375	1	0	0	0	2	-2	0	5	2	5	-2	1	0	0
9.000	1	0	0	0	2	0	0	0	3	5	0	1	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	1	0	0	2	-1	0	0	3	0	1	2	0	-1
0.625	1	1	0	0	2	-1	0	-1	3	0	1	4	-1	-1
1.000	1	1	0	0	2	-1	0	-1	3	0	1	2	-1	-1
1.000	1	2	0	34	2	-2	0	57	3	64	-1	4	13	0
1.000	1	2	0	37	2	-1	0	55	3	64	0	4	13	0
1.049	1	169	0	61	2	32	0	10	1	61	169	2	10	32
1.050	1	172	0	61	2	33	0	10	1	61	172	2	10	33
1.100	1	321	0	55	2	57	0	7	3	55	321	2	7	57

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.109	1	347	0	54	2	61	0	6	1	54	347	2	6	6	61	
1.150	1	451	0	49	2	72	0	4	1	49	451	4	4	4	72	
1.169	1	496	0	47	2	75	0	2	1	47	496	4	2	2	76	
1.200	1	562	0	43	2	78	0	0	3	43	558	4	0	0	78	
1.203	1	569	0	42	2	78	0	0	3	42	564	4	0	0	78	
1.230	1	621	0	39	2	77	0	-1	3	39	610	4	-1	-1	77	
1.248	1	653	0	37	2	75	0	-3	3	37	638	4	-3	-3	75	
1.250	1	655	0	36	2	75	0	-3	3	36	640	4	-3	-3	84	
1.300	1	723	0	14	2	63	0	-6	3	30	695	4	-6	-6	73	
1.350	1	763	0	7	2	42	0	-9	3	23	724	4	-11	-11	578	
1.352	1	764	0	7	2	41	0	-9	3	23	724	4	-11	-11	580	
1.400	1	778	0	4	2	12	0	-12	3	16	698	4	-16	-16	638	
1.407	1	779	0	-2	2	7	0	-13	3	11	697	4	-21	-21	640	
1.450	1	763	0	-8	2	-29	0	-16	3	6	668	4	-27	-27	636	
1.500	1	718	0	-15	2	-78	0	-19	3	0	615	4	-33	-33	614	
1.550	1	658	0	-29	2	-136	0	-22	3	-6	541	4	-41	-41	582	
1.585	1	606	0	-34	2	-182	0	-24	3	-9	480	4	-45	-45	543	
1.600	1	582	0	-37	2	-203	0	-25	3	-11	457	4	-48	-48	523	
1.650	1	479	0	-44	2	-280	0	-29	3	-15	298	4	-55	-55	437	
1.686	1	388	0	-41	2	-344	0	-35	3	-18	229	4	-60	-60	356	
1.700	1	357	0	-44	2	-372	0	-36	3	-20	200	4	-62	-62	325	
1.750	1	223	0	-50	2	-480	0	-40	3	-23	-11	4	-69	-69	190	
1.764	1	181	0	-58	2	-510	0	-39	3	-22	-30	4	-77	-77	165	
1.800	1	54	0	-63	2	-594	0	-41	3	-24	-79	4	-82	-82	29	
1.850	1	-116	0	-53	2	-744	0	-65	3	-27	-153	4	-88	-88	-214	
1.882	1	-184	0	-33	2	-862	0	-68	3	-29	-204	4	-92	-92	-355	
1.893	1	-205	0	-34	2	-908	0	-80	3	-30	-222	4	-94	-94	-405	
1.900	1	-219	0	-34	2	-940	0	-80	3	-30	-235	4	-95	-95	-436	
1.950	1	-319	0	-38	2	-1197	0	-98	3	-33	-326	4	-101	-101	-678	
2.000	1	-424	0	-37	2	-1478	0	-102	3	-37	-424	4	-107	-107	-938	
2.000	1	-425	0	36	2	-1474	0	94	3	99	-1036	4	34	34	-429	
2.042	1	-310	0	33	2	-1162	0	90	3	94	-710	4	30	30	-321	
2.050	1	-289	0	32	2	-1108	0	89	3	93	-666	4	30	30	-304	
2.075	1	-227	0	30	2	-940	0	85	3	89	-512	4	27	27	-247	
2.085	1	-204	0	30	2	-878	0	87	3	93	-455	4	30	30	-227	
2.100	1	-165	0	29	2	-776	0	85	3	91	-363	4	28	28	-168	
2.150	1	22	0	49	2	-467	0	70	3	83	-73	4	24	24	-64	
2.200	1	237	0	58	2	-242	0	41	3	75	185	4	19	19	22	
2.202	1	247	0	58	2	-228	0	32	3	74	194	4	19	19	25	
2.210	1	284	0	56	2	-209	0	31	3	73	231	4	18	18	36	
2.250	1	463	0	50	2	-113	0	28	3	66	406	4	14	14	89	
2.300	1	654	0	41	2	-11	0	21	3	57	589	4	10	10	138	
2.335	1	766	0	32	2	44	0	18	3	48	692	4	4	4	534	
2.350	1	801	0	28	2	66	0	17	3	45	725	4	2	2	559	
2.400	1	902	0	22	2	124	0	12	3	36	811	4	-5	-5	715	
2.450	1	964	0	13	2	162	0	6	3	27	892	4	-12	-12	784	
2.460	1	971	0	11	2	160	0	-6	3	25	896	4	-14	-14	794	
2.485	1	982	0	7	2	145	0	-8	3	22	855	4	-17	-17	861	
2.500	1	984	0	4	2	134	0	-10	3	19	854	4	-20	-20	867	
2.550	1	963	0	-5	2	87	0	-14	3	11	828	4	-29	-29	868	
2.585	1	932	0	-26	2	44	0	-18	3	1	786	4	-39	-39	845	
2.600	1	907	0	-30	2	21	0	-19	3	-2	759	4	-42	-42	824	
2.650	1	793	0	-39	2	-65	0	-24	3	-9	554	4	-51	-51	724	
2.700	1	638	0	-48	2	-169	0	-28	3	-15	89	4	-60	-60	584	
2.710	1	602	0	-49	2	-191	0	-29	3	-15	78	4	-62	-62	516	
2.750	1	443	0	-57	2	-295	0	-34	3	-19	14	4	-70	-70	366	
2.766	1	371	0	-59	2	-339	0	-35	3	-20	-11	4	-72	-72	298	
2.800	1	223	0	-61	2	-453	0	-42	3	-23	-77	4	-79	-79	142	
2.835	1	53	0	-62	2	-597	0	-57	3	-22	-149	4	-91	-91	-40	
2.850	1	-21	0	-60	2	-669	0	-58	3	-23	-183	4	-95	-95	-130	

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
2.888	1	-190	0	-36	2	-901	0	-87	3	-27	-258	4	-101	-377		
2.900	1	-227	0	-38	2	-988	0	-96	3	-28	-291	4	-103	-459		
2.917	1	-280	0	-39	2	-1123	0	-99	3	-30	-331	4	-106	-581		
2.950	1	-379	0	-37	2	-1382	0	-102	3	-32	-419	4	-112	-820		
3.000	1	-534	0	-41	2	-1827	0	-113	3	-37	-558	4	-119	-1214		
3.000	1	-535	0	36	2	-1822	0	105	2	105	-1822	4	35	-584		
3.042	1	-422	0	31	2	-1481	0	97	2	97	-1481	4	31	-471		
3.050	1	-406	0	31	2	-1421	0	96	2	96	-1421	4	31	-454		
3.085	1	-324	0	32	2	-1161	0	95	3	95	-582	4	32	-373		
3.100	1	-285	0	47	2	-1045	0	90	3	93	-489	4	30	-288		
3.113	1	-236	0	46	2	-956	0	89	3	91	-410	4	29	-258		
3.150	1	-80	0	51	2	-726	0	70	3	85	-191	4	26	-175		
3.200	1	145	0	55	2	-486	0	45	3	77	75	4	21	-81		
3.210	1	189	0	54	2	-452	0	41	3	75	123	4	20	-65		
3.249	1	360	0	49	2	-331	0	35	3	69	303	4	17	-7		
3.250	1	362	0	52	2	-327	0	31	3	68	304	4	17	-5		
3.300	1	561	0	43	2	-211	0	27	3	59	494	4	12	52		
3.335	1	678	0	34	2	-141	0	24	3	50	603	4	6	461		
3.350	1	716	0	31	2	-112	0	22	3	47	639	4	4	489		
3.400	1	827	0	24	2	-32	0	18	3	38	734	4	-3	652		
3.450	1	898	0	15	2	30	0	13	3	29	825	4	-10	729		
3.460	1	907	0	14	2	40	0	13	3	28	831	4	-12	740		
3.500	1	927	0	6	2	74	0	9	3	21	844	4	-18	773		
3.510	1	928	0	5	2	76	0	-6	3	19	804	4	-19	817		
3.550	1	917	0	-12	2	46	0	-12	3	13	787	4	-26	822		
3.585	1	892	0	-23	2	9	0	-15	3	3	752	4	-36	805		
3.600	1	871	0	-27	2	-12	0	-17	3	0	612	4	-40	788		
3.650	1	767	0	-36	2	-88	0	-21	3	-5	94	4	-49	698		
3.700	1	621	0	-45	2	-183	0	-26	3	-10	63	4	-58	568		
3.710	1	587	0	-47	2	-203	0	-27	3	-11	55	4	-59	501		
3.750	1	437	0	-54	2	-299	0	-31	3	-14	7	4	-67	360		
3.765	1	373	0	-56	2	-338	0	-33	3	-16	-11	4	-70	299		
3.800	1	226	0	-58	2	-447	0	-40	3	-18	-68	4	-76	146		
3.835	1	63	0	-59	2	-585	0	-55	3	-18	-125	4	-89	-29		
3.850	1	-7	0	-58	2	-654	0	-56	3	-18	-154	4	-92	-115		
3.887	1	-170	0	-34	2	-878	0	-85	3	-22	-214	4	-98	-354		
3.900	1	-205	0	-35	2	-963	0	-94	3	-23	-243	4	-101	-433		
3.917	1	-255	0	-37	2	-1094	0	-97	3	-25	-276	4	-104	-552		
3.950	1	-348	0	-34	2	-1351	0	-105	3	-27	-351	4	-109	-785		
4.000	1	-471	0	-32	2	-1781	0	-110	3	-32	-471	4	-116	-1168		
4.000	1	-473	0	36	2	-1776	0	105	2	105	-1776	4	35	-545		
4.042	1	-357	0	32	2	-1437	0	97	2	97	-1437	4	31	-434		
4.050	1	-343	0	32	2	-1377	0	95	2	95	-1377	4	30	-418		
4.085	1	-246	0	37	2	-1119	0	95	2	95	-1119	4	31	-338		
4.100	1	-202	0	35	2	-1004	0	89	3	92	-446	4	30	-252		
4.112	1	-168	0	34	2	-915	0	88	3	90	-368	4	29	-222		
4.150	1	-42	0	47	2	-688	0	69	3	84	-151	4	25	-142		
4.200	1	176	0	55	2	-452	0	45	3	76	111	4	20	-50		
4.210	1	220	0	54	2	-418	0	41	3	74	159	4	20	-35		
4.234	1	329	0	54	2	-341	0	34	3	70	273	4	17	2		
4.250	1	395	0	51	2	-301	0	31	3	67	337	4	16	23		
4.300	1	591	0	43	2	-187	0	26	3	58	525	4	11	78		
4.335	1	706	0	33	2	-119	0	23	3	50	631	4	5	485		
4.350	1	744	0	30	2	-91	0	22	3	46	666	4	3	513		
4.400	1	851	0	23	2	-13	0	17	3	37	758	4	-3	672		
4.450	1	919	0	15	2	47	0	13	3	29	846	4	-11	747		
4.460	1	927	0	13	2	56	0	12	3	27	852	4	-12	757		
4.500	1	945	0	6	2	88	0	8	3	20	862	4	-19	788		
4.503	1	945	0	5	2	90	0	8	3	20	820	4	-19	831		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
4.550	1	931	0	-13	2	58	0	-12	3	12	799	4	-27	836		
4.585	1	905	0	-24	2	19	0	-16	3	2	762	4	-37	818		
4.600	1	882	0	-28	2	-2	0	-17	3	-1	622	4	-41	799		
4.650	1	775	0	-37	2	-81	0	-22	3	-6	101	4	-50	706		
4.700	1	626	0	-46	2	-178	0	-26	3	-11	67	4	-59	573		
4.710	1	592	0	-48	2	-199	0	-27	3	-11	59	4	-60	506		
4.750	1	438	0	-55	2	-298	0	-32	3	-15	8	4	-68	362		
4.765	1	372	0	-57	2	-338	0	-33	3	-16	-11	4	-71	298		
4.800	1	225	0	-59	2	-449	0	-41	3	-19	-69	4	-77	145		
4.835	1	60	0	-60	2	-588	0	-56	3	-18	-128	4	-89	-33		
4.850	1	-11	0	-59	2	-658	0	-57	3	-19	-158	4	-93	-120		
4.887	1	-176	0	-35	2	-885	0	-86	3	-22	-220	4	-99	-361		
4.900	1	-211	0	-36	2	-970	0	-94	3	-24	-250	4	-102	-441		
4.917	1	-263	0	-38	2	-1103	0	-97	3	-25	-283	4	-104	-561		
4.950	1	-358	0	-35	2	-1358	0	-101	3	-28	-361	4	-110	-796		
5.000	1	-482	0	-33	2	-1795	0	-111	3	-33	-483	4	-117	-1182		
5.000	1	-485	0	37	2	-1790	0	105	2	105	-1790	4	35	-557		
5.042	1	-368	0	32	2	-1450	0	97	2	97	-1450	4	31	-445		
5.050	1	-354	0	32	2	-1390	0	95	2	95	-1390	4	31	-429		
5.085	1	-256	0	37	2	-1132	0	95	2	95	-1132	4	31	-349		
5.100	1	-212	0	35	2	-1017	0	89	3	93	-459	4	30	-263		
5.112	1	-177	0	34	2	-928	0	88	3	91	-381	4	29	-233		
5.150	1	-52	0	47	2	-700	0	69	3	85	-163	4	25	-152		
5.200	1	167	0	55	2	-463	0	45	3	76	100	4	21	-60		
5.210	1	211	0	54	2	-429	0	41	3	75	148	4	20	-44		
5.239	1	339	0	54	2	-339	0	32	3	70	283	4	17	-1		
5.250	1	385	0	51	2	-310	0	31	3	68	327	4	16	14		
5.300	1	582	0	43	2	-195	0	26	3	59	515	4	12	70		
5.335	1	697	0	33	2	-127	0	23	3	50	622	4	6	477		
5.350	1	735	0	30	2	-99	0	22	3	46	657	4	3	505		
5.400	1	843	0	24	2	-20	0	17	3	37	750	4	-3	665		
5.450	1	911	0	15	2	40	0	13	3	29	838	4	-11	740		
5.460	1	920	0	13	2	50	0	12	3	27	844	4	-12	751		
5.500	1	939	0	6	2	83	0	8	3	20	855	4	-18	783		
5.504	1	939	0	5	2	86	0	8	3	20	814	4	-19	825		
5.550	1	926	0	-13	2	54	0	-12	3	12	794	4	-27	830		
5.585	1	900	0	-24	2	15	0	-16	3	3	758	4	-37	813		
5.600	1	877	0	-28	2	-6	0	-17	3	0	617	4	-40	794		
5.650	1	771	0	-37	2	-84	0	-22	3	-6	97	4	-49	702		
5.700	1	623	0	-46	2	-181	0	-26	3	-10	64	4	-58	569		
5.710	1	589	0	-48	2	-201	0	-27	3	-11	56	4	-60	503		
5.750	1	436	0	-55	2	-300	0	-32	3	-15	6	4	-68	359		
5.764	1	374	0	-57	2	-337	0	-33	3	-16	-12	4	-70	300		
5.800	1	223	0	-59	2	-450	0	-40	3	-19	-71	4	-77	143		
5.835	1	59	0	-60	2	-589	0	-55	3	-18	-130	4	-89	-34		
5.850	1	-12	0	-59	2	-659	0	-56	3	-19	-159	4	-93	-121		
5.888	1	-184	0	-57	2	-886	0	-85	3	-22	-221	4	-99	-362		
5.900	1	-231	0	-36	2	-970	0	-94	3	-23	-250	4	-101	-441		
5.917	1	-281	0	-33	2	-1103	0	-97	3	-25	-284	4	-104	-561		
5.950	1	-359	0	-28	2	-1357	0	-101	3	-28	-360	4	-110	-795		
6.000	1	-482	0	-33	2	-1794	0	-111	3	-33	-482	4	-117	-1180		
6.000	1	-484	0	37	2	-1788	0	105	2	105	-1788	4	36	-572		
6.042	1	-367	0	33	2	-1448	0	97	2	97	-1448	4	32	-458		
6.050	1	-353	0	33	2	-1388	0	95	2	95	-1388	4	31	-442		
6.085	1	-254	0	37	2	-1129	0	95	2	95	-1129	4	32	-359		
6.100	1	-210	0	36	2	-1014	0	90	3	93	-456	4	31	-264		
6.112	1	-175	0	34	2	-925	0	88	3	91	-378	4	30	-234		
6.150	1	-49	0	48	2	-697	0	69	3	85	-160	4	26	-144		
6.200	1	169	0	55	2	-459	0	45	3	76	104	4	22	-42		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
6.210	1	214	0	54	2	-426	0	41	3	75	151	4	21	-26
6.237	1	336	0	54	2	-340	0	32	3	70	280	4	18	18
6.250	1	389	0	51	2	-307	0	31	3	68	331	4	17	41
6.300	1	586	0	43	2	-192	0	26	3	59	519	4	13	79
6.335	1	702	0	33	2	-123	0	23	3	50	627	4	6	481
6.350	1	740	0	30	2	-94	0	22	3	47	662	4	3	509
6.400	1	848	0	24	2	-16	0	18	3	38	755	4	-3	670
6.450	1	917	0	15	2	45	0	13	3	29	844	4	-11	746
6.460	1	925	0	13	2	55	0	12	3	27	850	4	-12	755
6.500	1	945	0	6	2	88	0	9	3	20	861	4	-18	788
6.506	1	945	0	5	2	92	0	8	3	19	819	4	-19	832
6.550	1	932	0	-13	2	90	0	-9	3	12	800	4	-27	837
6.585	1	906	0	-24	2	57	0	-14	3	3	763	4	-37	820
6.600	1	884	0	-28	2	37	0	-16	3	0	623	4	-40	801
6.650	1	778	0	-37	2	-35	0	-20	3	-6	105	4	-49	710
6.700	1	630	0	-46	2	-129	0	-26	3	-10	72	4	-58	577
6.710	1	596	0	-47	2	-149	0	-27	3	-11	64	4	-60	511
6.750	1	443	0	-55	2	-244	0	-30	3	-15	11	4	-68	368
6.769	1	362	0	-54	2	-291	0	-36	3	-16	-12	4	-71	290
6.800	1	230	0	-59	2	-388	0	-42	3	-19	-66	4	-77	152
6.835	1	65	0	-60	2	-529	0	-64	3	-18	-124	4	-89	-25
6.850	1	-6	0	-59	2	-597	0	-61	3	-19	-154	4	-93	-112
6.900	1	-237	0	-51	2	-909	0	-94	3	-23	-245	4	-101	-433
6.917	1	-276	0	-26	2	-1040	0	-97	3	-25	-278	4	-104	-553
6.950	1	-353	0	-28	2	-1294	0	-100	3	-28	-354	4	-110	-786
7.000	1	-474	0	-33	2	-1716	0	-110	3	-33	-475	4	-117	-1170
7.000	1	-476	0	38	2	-1711	0	105	2	105	-1711	4	37	-527
7.050	1	-366	0	35	2	-1381	0	101	2	101	-1381	4	34	-418
7.053	1	-360	0	34	2	-1363	0	100	2	100	-1363	4	34	-411
7.100	1	-249	0	37	2	-1069	0	95	2	95	-1069	4	31	-325
7.106	1	-236	0	38	2	-1040	0	96	2	96	-1040	4	36	-246
7.125	1	-190	0	36	2	-928	0	84	3	93	-390	4	35	-202
7.150	1	-134	0	35	2	-803	0	72	3	90	-264	4	33	-146
7.200	1	40	0	58	2	-586	0	50	3	83	-27	4	29	-45
7.250	1	237	0	55	2	-439	0	42	3	76	187	4	25	125
7.262	1	283	0	54	2	-407	0	41	3	75	235	4	24	157
7.281	1	353	0	56	2	-358	0	34	3	72	307	4	23	208
7.300	1	424	0	53	2	-318	0	33	3	69	375	4	21	259
7.350	1	594	0	46	2	-219	0	29	3	61	559	4	16	379
7.400	1	737	0	39	2	-132	0	25	3	54	692	4	12	474
7.418	1	782	0	32	2	-104	0	24	3	47	734	4	6	521
7.450	1	846	0	30	2	-57	0	22	3	42	787	4	3	573
7.500	1	922	0	22	2	6	0	18	3	35	847	4	-3	739
7.550	1	966	0	14	2	58	0	15	3	27	873	4	-9	806
7.575	1	977	0	17	2	80	0	13	3	24	872	4	-12	829
7.600	1	992	0	-2	2	99	0	11	3	19	865	4	-15	849
7.643	1	994	0	-7	2	124	0	8	3	14	785	4	-20	912
7.650	1	994	0	-9	2	128	0	7	3	12	783	4	-22	915
7.700	1	961	0	-17	2	145	0	4	3	6	744	4	-29	904
7.731	1	928	0	-25	2	150	0	1	3	2	151	4	-39	880
7.750	1	897	0	-28	2	148	0	1	3	1	148	4	-43	855
7.800	1	783	0	-37	2	139	0	-2	3	-2	139	4	-51	783
7.850	1	630	0	-60	2	119	0	-6	3	-6	119	1	-60	630
7.865	1	577	0	-62	2	113	0	-7	3	-7	114	1	-62	577
7.900	1	452	0	-67	2	89	0	-9	3	-9	89	4	-67	452
7.950	1	244	0	-75	2	49	0	-12	2	-12	49	1	-75	244
7.994	1	29	0	-72	2	6	0	-26	3	-15	11	4	-82	27
8.000	1	7	0	-39	2	-5	0	-58	3	-15	5	4	-82	-3
8.000	1	0	0	1	2	-3	0	5	2	5	-3	1	1	

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC		MAX MOMENT				MIN MOMENT				MAX SHEAR			MIN SHEAR		
FRAC	COMB	M	COR ML	COR V	COMB	M	COR ML	COR V	COMB	V	COR M	COMB	V	COR M	
	NO	(ft-k)	(ft-k)	(kips)	NO	(ft-k)	(ft-k)	(kips)	NO	(kips)	(ft-k)	NO	(kips)	(ft-k)	
8.375	1	0	0	0	2	-2	0	5	2	5	-2	1	0	0	
9.000	1	0	0	0	2	0	0	0	3	4	0	1	0	0	

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	2	0	0	2	-1	0	0	1	0	2	4	0	-1
0.625	1	2	0	0	2	-1	0	-1	3	0	2	4	-1	-1
1.000	1	2	0	0	2	-1	0	-1	1	0	2	2	-1	-1
1.000	1	2	0	35	2	-2	0	48	3	66	-1	4	14	0
1.000	1	2	0	37	2	-1	0	43	3	66	0	4	14	0
1.049	1	175	0	63	2	34	0	11	1	63	175	2	11	34
1.050	1	178	0	63	2	35	0	11	1	63	178	4	11	35
1.100	1	339	0	58	2	60	0	7	1	58	339	2	7	60
1.109	1	367	0	57	2	64	0	7	1	57	367	2	7	64
1.150	1	481	0	52	2	76	0	4	1	52	481	4	4	76
1.169	1	530	0	50	2	80	0	3	1	50	530	4	3	80
1.200	1	600	0	32	2	83	0	1	3	46	600	4	1	84
1.203	1	607	0	32	2	84	0	1	3	46	607	4	1	84
1.230	1	659	0	29	2	83	0	-1	3	43	659	4	-1	83
1.248	1	691	0	27	2	82	0	-2	3	41	691	4	-2	82
1.250	1	694	0	26	2	82	0	-2	3	40	693	4	-2	82
1.300	1	761	0	19	2	71	0	-5	3	33	761	4	-8	593
1.350	1	811	0	15	2	51	0	-9	3	26	801	4	-14	659
1.352	1	813	0	15	2	50	0	-9	3	26	802	4	-14	661
1.400	1	836	0	9	2	22	0	-12	3	20	785	4	-20	736
1.407	1	838	0	3	2	18	0	-13	3	14	785	4	-25	741
1.450	1	821	0	-18	2	-17	0	-15	3	8	761	4	-32	747
1.500	1	779	0	-24	2	-65	0	-19	3	2	713	4	-39	727
1.550	1	717	0	-22	2	-122	0	-22	3	-3	643	4	-46	680
1.585	1	661	0	-26	2	-167	0	-24	3	-7	581	4	-51	629
1.600	1	635	0	-28	2	-187	0	-25	3	-9	554	4	-53	605
1.650	1	529	0	-49	2	-262	0	-29	3	-14	366	4	-60	506
1.686	1	438	0	-49	2	-392	0	-36	3	-17	286	4	-64	418
1.700	1	406	0	-51	2	-421	0	-37	3	-19	248	4	-66	384
1.750	1	270	0	-57	2	-532	0	-41	3	-23	-15	4	-73	242
1.764	1	229	0	-65	2	-564	0	-40	3	-22	-37	4	-81	198
1.800	1	103	0	-69	2	-649	0	-42	3	-24	-85	4	-86	65
1.850	1	-81	0	-73	2	-774	0	-45	3	-27	-159	4	-91	-135
1.882	1	-192	0	-33	2	-857	0	-48	3	-29	-208	4	-94	-271
1.893	1	-212	0	-34	2	-886	0	-48	3	-30	-226	4	-95	-319
1.900	1	-226	0	-35	2	-908	0	-49	3	-30	-435	4	-96	-348
1.950	1	-327	0	-36	2	-1149	0	-101	3	-33	-526	4	-101	-571
2.000	1	-427	0	-37	2	-1437	0	-104	3	-36	-622	4	-105	-901
2.000	1	-428	0	36	2	-1433	0	97	2	97	-1433	4	34	-432
2.042	1	-313	0	32	2	-1116	0	89	3	91	-549	4	30	-324
2.050	1	-295	0	31	2	-1062	0	89	3	90	-508	4	30	-307
2.075	1	-233	0	30	2	-888	0	86	3	87	-369	4	27	-250
2.085	1	-209	0	30	2	-823	0	89	3	90	-317	4	30	-231
2.100	1	-161	0	56	2	-716	0	86	3	88	-234	4	29	-172
2.150	1	67	0	63	2	-405	0	48	3	81	33	4	24	-61
2.200	1	290	0	61	2	-239	0	32	3	74	277	4	19	20
2.202	1	298	0	61	2	-234	0	32	3	74	285	4	19	23
2.210	1	334	0	60	2	-214	0	32	3	73	321	4	19	35
2.250	1	505	0	54	2	-117	0	28	3	67	493	4	15	90

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
2.300	1	691	0	47	2	-15	0	22	3	59	678	4	10	140		
2.335	1	803	0	36	2	40	0	18	3	49	786	4	2	613		
2.350	1	838	0	33	2	62	0	17	3	46	820	4	-1	645		
2.400	1	935	0	25	2	122	0	13	3	37	912	4	-8	815		
2.450	1	995	0	17	2	162	0	7	3	29	968	4	-15	881		
2.460	1	1002	0	2	2	167	0	6	3	28	974	4	-17	889		
2.485	1	1015	0	-2	2	153	0	-8	3	24	936	4	-20	954		
2.500	1	1018	0	-5	2	143	0	-9	3	21	938	4	-23	960		
2.550	1	1002	0	-14	2	98	0	-14	3	13	918	4	-31	955		
2.585	1	969	0	-17	2	56	0	-17	3	3	881	4	-42	929		
2.600	1	944	0	-21	2	33	0	-19	3	-1	854	4	-46	905		
2.650	1	830	0	-29	2	-51	0	-23	3	-8	634	4	-55	798		
2.700	1	677	0	-52	2	-154	0	-28	3	-14	89	4	-64	650		
2.710	1	642	0	-53	2	-175	0	-28	3	-15	78	4	-65	616		
2.750	1	489	0	-60	2	-277	0	-33	3	-19	16	4	-72	464		
2.766	1	420	0	-48	2	-385	0	-36	3	-20	-9	4	-74	396		
2.800	1	280	0	-63	2	-502	0	-43	3	-23	-77	4	-80	244		
2.835	1	121	0	-60	2	-628	0	-44	3	-22	-148	4	-92	70		
2.850	1	42	0	-63	2	-687	0	-45	3	-23	-184	4	-95	-17		
2.888	1	-164	0	-65	2	-829	0	-49	3	-27	-259	4	-100	-249		
2.900	1	-224	0	-67	2	-883	0	-51	3	-28	-293	4	-102	-326		
2.917	1	-287	0	-39	2	-1001	0	-101	3	-29	-333	4	-104	-451		
2.950	1	-385	0	-37	2	-1268	0	-105	3	-32	-420	4	-108	-725		
3.000	1	-541	0	-41	2	-1709	0	-113	3	-37	-559	4	-114	-1129		
3.000	1	-542	0	36	2	-1705	0	104	2	104	-1705	4	36	-583		
3.042	1	-427	0	32	2	-1363	0	98	2	98	-1363	4	31	-470		
3.050	1	-411	0	32	2	-1303	0	97	2	97	-1303	4	31	-453		
3.085	1	-328	0	33	2	-1039	0	93	2	93	-1039	4	32	-369		
3.100	1	-270	0	58	2	-927	0	91	2	91	-927	4	31	-292		
3.113	1	-213	0	62	2	-864	0	52	3	89	-288	4	30	-262		
3.150	1	-32	0	65	2	-710	0	48	3	83	-84	4	26	-168		
3.200	1	197	0	59	2	-526	0	43	3	76	167	4	22	-68		
3.210	1	239	0	58	2	-494	0	42	3	75	213	4	21	-51		
3.249	1	401	0	53	2	-314	0	35	3	70	389	4	17	8		
3.250	1	404	0	56	2	-310	0	31	3	69	391	4	17	-5		
3.300	1	598	0	49	2	-195	0	27	3	61	584	4	12	54		
3.335	1	715	0	39	2	-126	0	23	3	51	698	4	4	541		
3.350	1	753	0	36	2	-98	0	22	3	48	735	4	1	575		
3.400	1	860	0	28	2	-19	0	17	3	40	836	4	-6	751		
3.450	1	929	0	5	2	42	0	13	3	32	901	4	-13	824		
3.460	1	938	0	4	2	51	0	12	3	30	909	4	-15	835		
3.500	1	961	0	-3	2	84	0	8	3	23	928	4	-21	864		
3.510	1	963	0	-4	2	85	0	-6	3	22	889	4	-22	907		
3.550	1	955	0	-11	2	56	0	-11	3	15	878	4	-29	908		
3.585	1	929	0	-14	2	21	0	-15	3	5	846	4	-40	889		
3.600	1	907	0	-18	2	1	0	-16	3	1	822	4	-43	869		
3.650	1	803	0	-27	2	-74	0	-21	3	-6	604	4	-52	771		
3.700	1	661	0	-49	2	-167	0	-25	3	-10	66	4	-61	634		
3.710	1	628	0	-36	2	-187	0	-26	3	-11	58	4	-62	602		
3.750	1	483	0	-57	2	-282	0	-31	3	-14	9	4	-69	458		
3.765	1	422	0	-45	2	-384	0	-34	3	-16	-9	4	-72	397		
3.800	1	284	0	-61	2	-497	0	-41	3	-19	-67	4	-77	248		
3.835	1	132	0	-58	2	-615	0	-42	3	-18	-129	4	-90	82		
3.850	1	55	0	-60	2	-671	0	-43	3	-19	-158	4	-93	-2		
3.887	1	-144	0	-63	2	-805	0	-47	3	-22	-219	4	-97	-226		
3.900	1	-201	0	-65	2	-856	0	-48	3	-23	-250	4	-100	-300		
3.917	1	-262	0	-37	2	-972	0	-99	3	-25	-283	4	-102	-422		
3.950	1	-354	0	-35	2	-1235	0	-104	3	-28	-359	4	-106	-689		
4.000	1	-478	0	-33	2	-1663	0	-111	3	-33	-480	4	-112	-1082		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
4.000	1	-481	0	37	2	-1658	0	104	2	104	-1658	4	35	-544		
4.042	1	-363	0	33	2	-1319	0	98	2	98	-1319	4	31	-432		
4.050	1	-349	0	33	2	-1259	0	96	2	96	-1259	4	31	-413		
4.085	1	-253	0	37	2	-998	0	93	2	93	-998	4	31	-333		
4.100	1	-210	0	35	2	-885	0	90	2	90	-885	4	30	-256		
4.112	1	-170	0	57	2	-826	0	51	3	88	-247	4	29	-227		
4.150	1	2	0	64	2	-675	0	47	3	83	-45	4	25	-134		
4.200	1	228	0	58	2	-494	0	42	3	75	204	4	21	-36		
4.210	1	270	0	57	2	-462	0	41	3	74	249	4	20	-21		
4.234	1	373	0	58	2	-323	0	32	3	71	361	4	18	17		
4.250	1	437	0	55	2	-284	0	30	3	68	425	4	16	24		
4.300	1	628	0	48	2	-171	0	26	3	60	614	4	12	80		
4.335	1	743	0	38	2	-103	0	23	3	51	726	4	3	565		
4.350	1	781	0	35	2	-76	0	21	3	47	762	4	1	599		
4.400	1	884	0	27	2	0	0	17	3	39	860	4	-6	772		
4.450	1	950	0	5	2	58	0	12	3	31	922	4	-14	842		
4.460	1	958	0	3	2	67	0	11	3	29	929	4	-15	852		
4.500	1	979	0	-4	2	98	0	8	3	22	945	4	-21	880		
4.503	1	979	0	-4	2	100	0	8	3	22	904	4	-22	922		
4.550	1	970	0	-12	2	69	0	-12	3	14	890	4	-30	923		
4.585	1	941	0	-15	2	31	0	-16	3	4	857	4	-41	901		
4.600	1	918	0	-19	2	11	0	-17	3	1	832	4	-44	880		
4.650	1	811	0	-27	2	-67	0	-21	3	-6	611	4	-53	779		
4.700	1	666	0	-50	2	-163	0	-26	3	-11	70	4	-62	639		
4.710	1	632	0	-51	2	-183	0	-27	3	-12	61	4	-63	606		
4.750	1	485	0	-58	2	-280	0	-31	3	-15	11	4	-70	460		
4.765	1	421	0	-46	2	-384	0	-34	3	-16	-9	4	-72	396		
4.800	1	283	0	-61	2	-498	0	-42	3	-19	-68	4	-78	247		
4.835	1	129	0	-58	2	-618	0	-43	3	-19	-132	4	-90	78		
4.850	1	51	0	-61	2	-675	0	-44	3	-19	-162	4	-93	-7		
4.887	1	-150	0	-64	2	-812	0	-48	3	-23	-225	4	-98	-233		
4.900	1	-208	0	-65	2	-864	0	-49	3	-24	-256	4	-100	-308		
4.917	1	-270	0	-38	2	-981	0	-99	3	-26	-291	4	-102	-430		
4.950	1	-364	0	-35	2	-1244	0	-103	3	-29	-368	4	-107	-700		
5.000	1	-490	0	-34	2	-1677	0	-112	3	-33	-492	4	-112	-1097		
5.000	1	-492	0	37	2	-1672	0	104	2	104	-1672	4	35	-556		
5.042	1	-375	0	33	2	-1332	0	98	2	98	-1332	4	31	-444		
5.050	1	-360	0	33	2	-1272	0	96	2	96	-1272	4	31	-425		
5.085	1	-264	0	37	2	-1011	0	93	2	93	-1011	4	32	-344		
5.100	1	-220	0	36	2	-898	0	90	2	90	-898	4	30	-262		
5.112	1	-180	0	57	2	-839	0	52	3	88	-259	4	29	-232		
5.150	1	-8	0	65	2	-687	0	48	3	83	-57	4	26	-144		
5.200	1	219	0	58	2	-505	0	42	3	76	193	4	21	-46		
5.210	1	261	0	57	2	-473	0	41	3	74	238	4	20	-30		
5.239	1	382	0	58	2	-321	0	32	3	71	370	4	17	14		
5.250	1	427	0	56	2	-293	0	31	3	68	415	4	17	15		
5.300	1	619	0	48	2	-179	0	26	3	60	605	4	12	72		
5.335	1	734	0	38	2	-111	0	23	3	51	717	4	3	558		
5.350	1	772	0	35	2	-84	0	21	3	47	753	4	1	591		
5.400	1	876	0	27	2	-7	0	17	3	39	852	4	-6	765		
5.450	1	943	0	5	2	52	0	13	3	31	915	4	-14	836		
5.460	1	951	0	3	2	61	0	12	3	30	922	4	-15	846		
5.500	1	972	0	-4	2	93	0	8	3	23	939	4	-21	874		
5.504	1	973	0	-4	2	95	0	8	3	22	898	4	-22	916		
5.550	1	964	0	-12	2	64	0	-12	3	15	885	4	-30	917		
5.585	1	936	0	-15	2	27	0	-16	3	4	852	4	-41	896		
5.600	1	913	0	-19	2	7	0	-17	3	1	828	4	-44	875		
5.650	1	807	0	-27	2	-70	0	-21	3	-6	608	4	-53	775		
5.700	1	662	0	-50	2	-165	0	-26	3	-11	67	4	-62	635		
5.710	1	629	0	-51	2	-186	0	-27	3	-12	58	4	-63	603		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
5.750	1	482	0	-58	2	-282	0	-31	3	-15	8	4	-70	457		
5.764	1	423	0	-46	2	-382	0	-34	3	-16	-9	4	-72	398		
5.800	1	281	0	-61	2	-499	0	-41	3	-19	-70	4	-78	245		
5.835	1	127	0	-58	2	-618	0	-42	3	-18	-133	4	-90	77		
5.850	1	50	0	-61	2	-675	0	-43	3	-19	-163	4	-93	-8		
5.888	1	-152	0	-70	2	-812	0	-47	3	-23	-226	4	-98	-233		
5.900	1	-213	0	-65	2	-863	0	-49	3	-24	-257	4	-100	-308		
5.917	1	-282	0	-33	2	-981	0	-99	3	-26	-291	4	-102	-430		
5.950	1	-365	0	-29	2	-1243	0	-103	3	-28	-368	4	-106	-699		
6.000	1	-489	0	-33	2	-1675	0	-111	3	-33	-491	4	-112	-1095		
6.000	1	-492	0	37	2	-1670	0	104	2	104	-1670	4	36	-568		
6.042	1	-373	0	33	2	-1330	0	98	2	98	-1330	4	32	-453		
6.050	1	-359	0	33	2	-1270	0	96	2	96	-1270	4	31	-434		
6.085	1	-262	0	37	2	-1008	0	93	2	93	-1008	4	32	-352		
6.100	1	-218	0	36	2	-895	0	91	2	91	-895	4	31	-268		
6.112	1	-178	0	58	2	-837	0	52	3	88	-257	4	30	-237		
6.150	1	-6	0	65	2	-684	0	48	3	83	-54	4	26	-147		
6.200	1	222	0	58	2	-501	0	42	3	76	196	4	22	-44		
6.210	1	264	0	57	2	-469	0	41	3	75	242	4	21	-28		
6.237	1	379	0	58	2	-322	0	32	3	71	367	4	18	16		
6.250	1	431	0	56	2	-290	0	31	3	68	418	4	17	39		
6.300	1	623	0	48	2	-176	0	26	3	60	609	4	12	461		
6.335	1	739	0	38	2	-107	0	23	3	51	721	4	3	561		
6.350	1	777	0	35	2	-80	0	22	3	48	758	4	1	595		
6.400	1	881	0	27	2	-2	0	17	3	39	858	4	-6	770		
6.450	1	948	0	5	2	57	0	13	3	31	920	4	-14	841		
6.460	1	957	0	3	2	66	0	12	3	30	928	4	-15	851		
6.500	1	979	0	-3	2	98	0	8	3	23	945	4	-21	880		
6.506	1	979	0	-4	2	102	0	8	3	22	904	4	-22	923		
6.550	1	971	0	-12	2	94	0	-11	3	15	891	4	-29	924		
6.585	1	943	0	-15	2	61	0	-14	3	4	858	4	-40	903		
6.600	1	920	0	-18	2	41	0	-16	3	1	833	4	-44	882		
6.650	1	814	0	-27	2	-31	0	-20	3	-6	614	4	-53	783		
6.700	1	670	0	-49	2	-124	0	-26	3	-11	72	4	-61	643		
6.710	1	637	0	-51	2	-144	0	-27	3	-11	64	4	-63	611		
6.750	1	489	0	-58	2	-238	0	-30	3	-15	14	4	-70	465		
6.769	1	412	0	-56	2	-287	0	-36	3	-17	-10	4	-73	388		
6.800	1	287	0	-61	2	-383	0	-39	3	-19	-65	4	-78	253		
6.835	1	133	0	-58	2	-496	0	-41	3	-18	-127	4	-90	84		
6.850	1	55	0	-61	2	-550	0	-42	3	-19	-158	4	-93	0		
6.900	1	-208	0	-72	2	-812	0	-94	3	-24	-251	4	-100	-301		
6.917	1	-280	0	-26	2	-944	0	-96	3	-25	-285	4	-102	-424		
6.950	1	-359	0	-29	2	-1202	0	-101	3	-28	-362	4	-106	-692		
7.000	1	-482	0	-33	2	-1631	0	-111	3	-33	-484	4	-112	-1087		
7.000	1	-484	0	38	2	-1626	0	105	2	105	-1626	4	37	-713		
7.050	1	-373	0	35	2	-1298	0	99	2	99	-1298	4	34	-606		
7.053	1	-366	0	35	2	-1279	0	99	2	99	-1279	4	34	-600		
7.100	1	-257	0	37	2	-987	0	94	2	94	-987	4	31	-490		
7.106	1	-244	0	38	2	-952	0	95	2	95	-952	4	36	-253		
7.125	1	-198	0	36	2	-879	0	54	3	91	-287	4	35	-209		
7.150	1	-113	0	63	2	-792	0	51	3	88	-171	4	33	-152		
7.200	1	85	0	64	2	-632	0	47	3	83	53	4	29	2		
7.250	1	274	0	59	2	-486	0	43	3	77	260	4	25	150		
7.262	1	318	0	58	2	-453	0	42	3	76	307	4	23	187		
7.281	1	385	0	61	2	-340	0	34	3	74	379	4	22	244		
7.300	1	454	0	58	2	-299	0	32	3	71	449	4	20	303		
7.350	1	624	0	52	2	-202	0	29	3	64	616	4	15	442		
7.400	1	772	0	46	2	-116	0	25	3	58	760	4	10	567		
7.418	1	821	0	38	2	-87	0	24	3	50	805	4	4	609		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.450	1	885	0	33	2	-42	0	21	3	45	865	4	0	760
7.500	1	965	0	27	2	20	0	18	3	38	937	4	-6	846
7.550	1	1016	0	6	2	71	0	14	3	31	979	4	-12	909
7.575	1	1029	0	2	2	92	0	12	3	28	987	4	-15	929
7.600	1	1039	0	7	2	110	0	11	3	23	990	4	-19	946
7.643	1	1041	0	2	2	135	0	7	3	18	921	4	-24	1004
7.650	1	1041	0	0	2	138	0	7	3	16	918	4	-25	1005
7.700	1	1010	0	-22	2	154	0	3	3	8	859	4	-33	986
7.731	1	972	0	-33	2	155	0	1	3	1	157	4	-43	956
7.750	1	936	0	-37	2	151	0	0	3	0	152	4	-47	926
7.800	1	816	0	-41	2	141	0	-3	3	-3	141	4	-55	816
7.850	1	667	0	-49	2	121	0	-6	3	-6	121	4	-63	667
7.865	1	612	0	-52	2	114	0	-7	3	-7	115	4	-66	612
7.900	1	480	0	-71	2	90	0	-9	3	-9	90	1	-71	480
7.950	1	256	0	-78	2	49	0	-12	3	-12	49	1	-78	256
7.994	1	31	0	-74	2	6	0	-26	3	-15	11	4	-83	30
8.000	1	8	0	-38	2	-6	0	-57	3	-16	5	4	-84	0
8.000	1	0	0	1	2	-3	0	5	2	5	-3	1	1	0
8.375	1	0	0	0	2	-2	0	4	2	4	-2	1	0	0
9.000	1	0	0	0	2	0	0	0	3	4	0	1	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	1	0	0	2	-1	0	0	1	0	1	4	0	-1
0.625	1	1	0	0	2	-1	0	0	3	0	1	4	0	-1
1.000	1	1	0	0	2	-1	0	-1	1	0	1	2	-1	-1
1.000	1	2	0	32	2	-1	0	52	3	58	-1	4	16	0
1.000	1	2	0	34	2	-1	0	38	3	58	0	4	16	0
1.049	1	152	0	54	2	39	0	13	1	54	152	4	13	39
1.050	1	155	0	54	2	40	0	12	1	54	155	4	12	40
1.100	1	294	0	49	2	70	0	9	1	49	294	4	9	70
1.109	1	318	0	49	2	75	0	9	1	49	318	4	9	75
1.150	1	418	0	45	2	92	0	6	1	45	418	4	6	92
1.169	1	461	0	43	2	98	0	5	1	43	461	4	5	98
1.200	1	521	0	39	2	104	0	3	1	39	521	4	3	104
1.203	1	527	0	39	2	105	0	3	1	39	527	4	3	105
1.230	1	573	0	36	2	107	0	1	1	36	573	4	1	107
1.248	1	602	0	19	2	107	0	0	3	34	602	4	0	107
1.250	1	604	0	19	2	107	0	0	3	34	604	4	-1	475
1.300	1	663	0	12	2	102	0	-4	3	28	663	4	-6	545
1.350	1	699	0	6	2	87	0	-7	3	21	699	4	-12	600
1.352	1	700	0	6	2	87	0	-7	3	21	700	4	-12	601
1.400	1	711	0	0	2	64	0	-10	3	15	682	4	-17	664
1.407	1	712	0	-2	2	60	0	-11	3	11	682	4	-22	667
1.450	1	699	0	-8	2	30	0	-14	3	6	663	4	-28	665
1.500	1	661	0	-14	2	-13	0	-17	3	0	621	4	-34	640
1.550	1	604	0	-28	2	-65	0	-20	3	-5	561	4	-41	591
1.585	1	551	0	-32	2	-107	0	-22	3	-8	507	4	-44	542
1.600	1	526	0	-34	2	-126	0	-23	3	-10	483	4	-47	520
1.650	1	429	0	-40	2	-197	0	-27	3	-15	321	4	-53	427
1.686	1	346	0	-38	2	-325	0	-35	3	-18	250	4	-56	346
1.700	1	318	0	-40	2	-353	0	-35	3	-20	219	4	-59	315
1.750	1	198	0	-45	2	-459	0	-39	3	-24	98	4	-64	185
1.764	1	162	0	-52	2	-489	0	-38	3	-23	-52	4	-71	145

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.800	1	51	0	-56	2	-571	0	-41	3	-25	-103	4	-75	26		
1.850	1	-115	0	-60	2	-693	0	-44	3	-28	-180	4	-80	-153		
1.882	1	-216	0	-50	2	-774	0	-47	3	-30	-232	4	-83	-274		
1.893	1	-240	0	-35	2	-803	0	-47	3	-31	-251	4	-84	-317		
1.900	1	-254	0	-35	2	-824	0	-48	3	-31	-409	4	-85	-343		
1.950	1	-356	0	-37	2	-1000	0	-90	3	-34	-503	2	-90	-1000		
2.000	1	-460	0	-38	2	-1257	0	-94	3	-38	-604	2	-94	-1257		
2.000	1	-460	0	38	2	-1254	0	87	2	87	-1254	4	36	-464		
2.042	1	-339	0	34	2	-968	0	81	3	82	-517	4	32	-348		
2.050	1	-320	0	33	2	-920	0	80	3	81	-480	4	32	-330		
2.075	1	-254	0	32	2	-762	0	77	3	78	-352	4	30	-268		
2.085	1	-230	0	32	2	-704	0	79	3	80	-305	4	32	-246		
2.100	1	-177	0	46	2	-608	0	77	3	78	-228	4	30	-191		
2.150	1	30	0	52	2	-344	0	48	3	72	13	4	26	-75		
2.200	1	233	0	50	2	-189	0	31	3	65	232	4	21	23		
2.202	1	240	0	50	2	-184	0	31	3	65	240	4	21	26		
2.210	1	272	0	49	2	-165	0	31	3	64	272	4	20	39		
2.250	1	427	0	43	2	-71	0	27	3	58	427	4	17	91		
2.300	1	593	0	36	2	26	0	21	3	51	593	4	12	449		
2.335	1	690	0	27	2	80	0	17	3	42	690	4	4	553		
2.350	1	721	0	24	2	100	0	16	3	39	721	4	2	583		
2.400	1	806	0	18	2	156	0	12	3	32	804	4	-5	728		
2.450	1	860	0	10	2	192	0	6	3	24	855	4	-12	783		
2.460	1	866	0	9	2	196	0	5	3	23	860	4	-13	790		
2.485	1	877	0	6	2	186	0	-6	3	19	822	4	-16	851		
2.500	1	880	0	3	2	178	0	-7	3	17	823	4	-19	855		
2.550	1	865	0	-13	2	139	0	-12	3	9	807	4	-27	846		
2.585	1	835	0	-23	2	102	0	-16	3	0	774	4	-37	819		
2.600	1	811	0	-26	2	81	0	-17	3	-3	750	4	-40	797		
2.650	1	706	0	-34	2	3	0	-22	3	-9	561	4	-48	697		
2.700	1	567	0	-42	2	-94	0	-26	3	-16	442	4	-56	561		
2.710	1	535	0	-43	2	-114	0	-27	3	-17	85	4	-57	530		
2.750	1	396	0	-49	2	-211	0	-31	3	-20	19	4	-63	392		
2.766	1	334	0	-51	2	-320	0	-34	3	-22	-8	4	-65	329		
2.800	1	208	0	-52	2	-432	0	-42	3	-24	-76	4	-71	191		
2.835	1	64	0	-61	2	-554	0	-44	3	-25	-153	4	-81	33		
2.850	1	-7	0	-64	2	-612	0	-45	3	-26	-190	4	-84	-45		
2.888	1	-194	0	-61	2	-752	0	-49	3	-29	-272	4	-88	-257		
2.900	1	-251	0	-56	2	-804	0	-50	3	-30	-307	4	-90	-343		
2.917	1	-314	0	-40	2	-875	0	-52	3	-32	-350	4	-92	-469		
2.950	1	-415	0	-39	2	-1105	0	-95	3	-35	-442	4	-96	-704		
3.000	1	-578	0	-43	2	-1498	0	-102	3	-40	-592	4	-102	-1087		
3.000	1	-578	0	38	2	-1494	0	94	2	94	-1494	4	38	-610		
3.042	1	-456	0	34	2	-1186	0	86	2	86	-1186	4	34	-488		
3.050	1	-438	0	34	2	-1133	0	86	2	86	-1133	4	33	-470		
3.085	1	-349	0	34	2	-909	0	54	3	82	-437	4	34	-382		
3.100	1	-287	0	48	2	-839	0	52	3	80	-357	4	32	-311		
3.113	1	-234	0	50	2	-788	0	51	3	79	-292	4	31	-279		
3.150	1	-71	0	54	2	-638	0	47	3	74	-107	4	28	-182		
3.200	1	138	0	48	2	-460	0	41	3	67	122	4	23	-75		
3.210	1	176	0	47	2	-428	0	40	3	66	163	4	22	-58		
3.249	1	322	0	42	2	-246	0	33	3	61	322	4	19	7		
3.250	1	324	0	45	2	-243	0	30	3	60	324	4	19	-3		
3.300	1	498	0	38	2	-133	0	25	3	53	498	4	14	368		
3.335	1	601	0	30	2	-68	0	22	3	45	601	4	6	480		
3.350	1	635	0	27	2	-42	0	20	3	42	635	4	4	511		
3.400	1	730	0	20	2	30	0	16	3	34	728	4	-3	663		
3.450	1	793	0	13	2	85	0	11	3	26	788	4	-10	726		
3.460	1	802	0	12	2	93	0	10	3	25	795	4	-11	735		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)
3.500	1	823	0	5	2	121	0	7	3	19	813	4	4	-17	759	
3.510	1	824	0	4	2	122	0	-4	3	17	774	4	4	-18	801	
3.550	1	819	0	-11	2	98	0	-10	3	12	766	4	4	-24	800	
3.585	1	795	0	-21	2	67	0	-13	3	2	739	4	4	-34	779	
3.600	1	774	0	-24	2	49	0	-15	3	-1	718	4	4	-37	760	
3.650	1	679	0	-32	2	-20	0	-19	3	-7	539	4	4	-45	670	
3.700	1	551	0	-39	2	-107	0	-24	3	-12	77	4	4	-53	545	
3.710	1	521	0	-41	2	-126	0	-25	3	-13	67	4	4	-54	516	
3.750	1	390	0	-47	2	-215	0	-29	3	-16	13	4	4	-61	386	
3.765	1	335	0	-49	2	-319	0	-32	3	-18	-8	4	4	-63	331	
3.800	1	212	0	-50	2	-427	0	-39	3	-21	-70	4	4	-68	196	
3.835	1	75	0	-59	2	-541	0	-41	3	-21	-134	4	4	-78	45	
3.850	1	6	0	-61	2	-595	0	-42	3	-22	-166	4	4	-81	-30	
3.887	1	-174	0	-59	2	-728	0	-46	3	-25	-237	4	4	-85	-234	
3.900	1	-229	0	-53	2	-777	0	-47	3	-26	-268	4	4	-87	-317	
3.917	1	-289	0	-38	2	-844	0	-49	3	-28	-305	4	4	-89	-440	
3.950	1	-384	0	-36	2	-1064	0	-91	3	-31	-388	4	4	-94	-667	
4.000	1	-520	0	-36	2	-1451	0	-99	3	-36	-522	4	4	-99	-1040	
4.000	1	-522	0	39	2	-1448	0	93	2	93	-1448	4	4	37	-570	
4.042	1	-397	0	35	2	-1141	0	86	2	86	-1141	4	4	33	-450	
4.050	1	-381	0	34	2	-1088	0	85	2	85	-1088	4	4	33	-432	
4.085	1	-282	0	37	2	-869	0	54	3	82	-393	4	4	33	-346	
4.100	1	-238	0	36	2	-800	0	52	3	80	-315	4	4	32	-270	
4.112	1	-194	0	47	2	-749	0	50	3	78	-251	4	4	31	-239	
4.150	1	-37	0	53	2	-602	0	46	3	73	-67	4	4	27	-148	
4.200	1	169	0	47	2	-426	0	41	3	67	158	4	4	23	-44	
4.210	1	207	0	46	2	-395	0	40	3	65	199	4	4	22	-27	
4.234	1	299	0	47	2	-254	0	30	3	62	299	4	4	19	14	
4.250	1	357	0	45	2	-216	0	29	3	60	357	4	4	18	25	
4.300	1	528	0	37	2	-109	0	25	3	52	528	4	4	13	394	
4.335	1	629	0	29	2	-45	0	21	3	44	629	4	4	5	504	
4.350	1	662	0	26	2	-20	0	20	3	41	662	4	4	3	535	
4.400	1	754	0	20	2	50	0	15	3	33	752	4	4	-4	684	
4.450	1	814	0	12	2	102	0	11	3	26	809	4	4	-10	744	
4.460	1	822	0	11	2	110	0	10	3	24	815	4	4	-12	752	
4.500	1	841	0	4	2	135	0	6	3	18	831	4	4	-17	774	
4.503	1	841	0	4	2	136	0	6	3	18	789	4	4	-18	816	
4.550	1	833	0	-11	2	110	0	-10	3	11	778	4	4	-25	814	
4.585	1	807	0	-21	2	77	0	-14	3	2	750	4	4	-35	792	
4.600	1	785	0	-25	2	59	0	-16	3	-1	728	4	4	-38	772	
4.650	1	688	0	-32	2	-13	0	-20	3	-8	541	4	4	-46	678	
4.700	1	556	0	-40	2	-103	0	-24	3	-13	81	4	4	-54	550	
4.710	1	526	0	-41	2	-122	0	-25	3	-13	71	4	4	-55	521	
4.750	1	392	0	-48	2	-214	0	-30	3	-17	14	4	4	-61	388	
4.765	1	334	0	-49	2	-319	0	-33	3	-18	-8	4	4	-63	330	
4.800	1	211	0	-50	2	-428	0	-40	3	-21	-71	4	4	-69	194	
4.835	1	72	0	-60	2	-544	0	-42	3	-22	-137	4	4	-79	42	
4.850	1	3	0	-62	2	-600	0	-43	3	-22	-170	4	4	-82	-34	
4.887	1	-180	0	-60	2	-734	0	-47	3	-26	-243	4	4	-86	-241	
4.900	1	-235	0	-54	2	-785	0	-48	3	-27	-274	4	4	-88	-325	
4.917	1	-297	0	-38	2	-853	0	-50	3	-29	-313	4	4	-90	-449	
4.950	1	-394	0	-37	2	-1080	0	-93	3	-32	-397	4	4	-94	-678	
5.000	1	-532	0	-37	2	-1465	0	-100	3	-37	-533	4	4	-100	-1054	
5.000	1	-533	0	39	2	-1462	0	93	2	93	-1462	4	4	38	-582	
5.042	1	-409	0	35	2	-1154	0	86	2	86	-1154	4	4	33	-462	
5.050	1	-392	0	35	2	-1102	0	85	2	85	-1102	4	4	33	-444	
5.085	1	-293	0	38	2	-882	0	54	3	82	-406	4	4	33	-357	
5.100	1	-248	0	36	2	-813	0	52	3	80	-327	4	4	32	-281	
5.112	1	-204	0	47	2	-762	0	50	3	78	-263	4	4	31	-250	

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
5.150	1	-47	0	53	2	-614	0	46	3	73	-79	4	27	-159		
5.200	1	160	0	47	2	-437	0	41	3	67	147	4	23	-54		
5.210	1	197	0	46	2	-406	0	40	3	66	188	4	22	-36		
5.239	1	306	0	47	2	-252	0	30	3	62	306	4	19	11		
5.250	1	347	0	45	2	-225	0	29	3	60	347	4	18	16		
5.300	1	519	0	38	2	-117	0	25	3	53	519	4	13	386		
5.335	1	620	0	29	2	-53	0	21	3	44	620	4	5	496		
5.350	1	653	0	26	2	-28	0	20	3	41	653	4	3	527		
5.400	1	746	0	20	2	43	0	15	3	34	744	4	-3	677		
5.450	1	807	0	12	2	95	0	11	3	26	801	4	-10	738		
5.460	1	815	0	11	2	103	0	10	3	25	808	4	-11	746		
5.500	1	834	0	5	2	130	0	6	3	18	824	4	-17	769		
5.504	1	835	0	4	2	132	0	6	3	18	784	4	-18	810		
5.550	1	827	0	-11	2	106	0	-10	3	11	773	4	-25	808		
5.585	1	802	0	-21	2	73	0	-14	3	2	746	4	-35	787		
5.600	1	780	0	-24	2	55	0	-15	3	-1	724	4	-38	767		
5.650	1	683	0	-32	2	-16	0	-20	3	-8	537	4	-46	674		
5.700	1	552	0	-40	2	-106	0	-24	3	-12	78	4	-54	547		
5.710	1	522	0	-41	2	-124	0	-25	3	-13	68	4	-55	517		
5.750	1	390	0	-47	2	-216	0	-30	3	-17	12	4	-61	385		
5.764	1	336	0	-49	2	-318	0	-33	3	-18	-8	4	-63	332		
5.800	1	209	0	-50	2	-429	0	-40	3	-21	-73	4	-69	193		
5.835	1	71	0	-60	2	-545	0	-41	3	-21	-138	4	-79	41		
5.850	1	2	0	-62	2	-600	0	-43	3	-22	-171	4	-82	-35		
5.888	1	-181	0	-65	2	-734	0	-47	3	-26	-243	4	-86	-241		
5.900	1	-239	0	-54	2	-784	0	-48	3	-27	-274	4	-88	-325		
5.917	1	-307	0	-34	2	-852	0	-50	3	-29	-313	4	-90	-449		
5.950	1	-395	0	-32	2	-1079	0	-93	3	-31	-397	4	-94	-677		
6.000	1	-531	0	-37	2	-1464	0	-100	3	-36	-533	4	-100	-1053		
6.000	1	-532	0	39	2	-1460	0	93	2	93	-1460	4	38	-591		
6.042	1	-408	0	35	2	-1152	0	86	2	86	-1152	4	34	-469		
6.050	1	-391	0	35	2	-1100	0	85	2	85	-1100	4	34	-450		
6.085	1	-291	0	38	2	-880	0	54	3	82	-404	4	34	-362		
6.100	1	-246	0	36	2	-811	0	52	3	80	-325	4	33	-285		
6.112	1	-202	0	47	2	-759	0	50	3	78	-261	4	31	-253		
6.150	1	-45	0	53	2	-611	0	46	3	74	-76	4	28	-160		
6.200	1	163	0	47	2	-434	0	41	3	67	150	4	23	-53		
6.210	1	200	0	46	2	-403	0	40	3	66	191	4	22	-35		
6.237	1	304	0	47	2	-253	0	30	3	62	304	4	20	12		
6.250	1	351	0	45	2	-222	0	29	3	60	351	4	19	35		
6.300	1	523	0	38	2	-114	0	25	3	53	523	4	14	410		
6.335	1	625	0	29	2	-49	0	21	3	44	625	4	6	500		
6.350	1	658	0	26	2	-24	0	20	3	41	658	4	3	531		
6.400	1	751	0	20	2	48	0	16	3	34	749	4	-3	682		
6.450	1	813	0	12	2	101	0	11	3	26	807	4	-10	743		
6.460	1	821	0	11	2	109	0	10	3	25	814	4	-11	752		
6.500	1	840	0	5	2	135	0	6	3	18	831	4	-17	774		
6.506	1	841	0	4	2	138	0	6	3	18	789	4	-18	817		
6.550	1	834	0	-11	2	131	0	-9	3	11	779	4	-25	815		
6.585	1	809	0	-21	2	101	0	-13	3	2	752	4	-34	794		
6.600	1	787	0	-24	2	83	0	-14	3	-1	730	4	-37	774		
6.650	1	691	0	-32	2	16	0	-19	3	-8	544	4	-46	682		
6.700	1	560	0	-40	2	-71	0	-24	3	-12	84	4	-53	554		
6.710	1	530	0	-41	2	-90	0	-25	3	-13	74	4	-55	525		
6.750	1	397	0	-47	2	-179	0	-29	3	-17	18	4	-61	393		
6.769	1	327	0	-46	2	-232	0	-35	3	-18	-8	4	-64	323		
6.800	1	215	0	-50	2	-325	0	-38	3	-21	-66	4	-68	201		
6.835	1	77	0	-59	2	-435	0	-40	3	-21	-133	4	-79	48		
6.850	1	8	0	-62	2	-487	0	-41	3	-22	-165	4	-82	-28		
6.900	1	-233	0	-57	2	-702	0	-76	3	-27	-268	4	-88	-298		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
6.917	1	-303	0	-29	2	-814	0	-88	3	-28	-306	4	-90	-429
6.950	1	-387	0	-31	2	-1048	0	-92	3	-31	-389	4	-94	-669
7.000	1	-523	0	-36	2	-1430	0	-99	3	-36	-524	4	-100	-1044
7.000	1	-524	0	40	2	-1425	0	94	2	94	-1425	4	39	-696
7.050	1	-406	0	37	2	-1130	0	89	2	89	-1130	4	36	-581
7.053	1	-399	0	36	2	-1110	0	87	2	87	-1110	4	36	-574
7.100	1	-287	0	37	2	-885	0	56	3	80	-399	4	33	-474
7.106	1	-273	0	39	2	-864	0	54	3	83	-375	4	37	-280
7.125	1	-226	0	37	2	-799	0	53	3	81	-291	4	36	-235
7.150	1	-142	0	54	2	-714	0	50	3	78	-185	4	34	-178
7.200	1	41	0	53	2	-558	0	46	3	73	17	4	30	-22
7.250	1	213	0	48	2	-416	0	42	3	68	204	4	25	130
7.262	1	252	0	47	2	-384	0	41	3	67	247	4	24	165
7.281	1	312	0	50	2	-267	0	32	3	65	312	4	23	217
7.300	1	375	0	47	2	-228	0	31	3	62	375	4	21	270
7.350	1	526	0	42	2	-135	0	27	3	57	526	4	16	397
7.400	1	657	0	35	2	-53	0	24	3	50	657	4	12	509
7.418	1	699	0	29	2	-26	0	22	3	44	698	4	6	547
7.450	1	754	0	25	2	16	0	20	3	40	754	4	3	676
7.500	1	827	0	20	2	74	0	16	3	33	823	4	-3	751
7.550	1	876	0	13	2	119	0	13	3	27	865	4	-9	804
7.575	1	891	0	11	2	138	0	11	3	24	875	4	-11	821
7.600	1	901	0	-1	2	153	0	9	3	20	880	4	-15	834
7.643	1	901	0	-6	2	173	0	6	3	15	820	4	-19	889
7.650	1	901	0	-8	2	176	0	5	3	13	818	4	-21	890
7.700	1	871	0	-15	2	187	0	2	3	6	775	4	-27	870
7.731	1	843	0	-22	2	185	0	-1	3	-1	188	4	-37	842
7.750	1	815	0	-25	2	180	0	-2	3	-2	181	4	-40	815
7.800	1	716	0	-32	2	165	0	-5	3	-5	165	4	-47	716
7.850	1	583	0	-55	2	139	0	-8	3	-8	139	1	-55	583
7.865	1	535	0	-56	2	131	0	-9	3	-9	131	1	-56	535
7.900	1	419	0	-61	2	103	0	-11	3	-11	103	1	-61	419
7.950	1	223	0	-68	2	56	0	-14	3	-14	56	1	-68	223
7.994	1	27	0	-65	2	6	0	-26	3	-18	10	4	-72	26
8.000	1	6	0	-37	2	-5	0	-40	3	-18	4	4	-73	0
8.000	1	0	0	1	2	-3	0	5	2	5	-3	1	1	0
8.375	1	0	0	0	2	-2	0	5	2	5	-2	1	0	0
9.000	1	0	0	0	2	0	0	0	3	4	0	1	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	1	0	0	2	0	0	0	1	0	1	2	0	0
0.625	1	1	0	0	2	-1	0	0	3	0	1	4	0	0
1.000	1	1	0	0	2	-1	0	-1	1	0	1	2	-1	-1
1.000	1	1	0	28	2	-1	0	42	3	46	-1	4	18	0
1.000	1	1	0	30	2	0	0	32	3	46	0	4	18	0
1.049	1	120	0	42	2	45	0	15	1	42	120	2	15	45
1.050	1	122	0	42	4	47	0	15	1	42	122	4	15	47
1.100	1	231	0	38	4	84	0	12	1	38	231	2	12	84
1.109	1	250	0	37	4	90	0	11	1	37	250	2	11	90
1.150	1	327	0	34	4	113	0	9	1	34	327	2	8	113
1.169	1	360	0	32	4	121	0	7	1	32	360	2	7	121
1.200	1	407	0	29	2	132	0	5	1	29	407	2	5	132

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.203	1	412	0	29	2	133	0	5	1	29	412	2	5	29	412	133
1.230	1	447	0	27	2	139	0	3	1	27	447	4	3	27	447	327
1.248	1	469	0	25	2	142	0	2	1	25	469	4	2	25	469	390
1.250	1	471	0	24	2	142	0	2	1	24	471	4	1	24	471	392
1.300	1	516	0	19	2	144	0	-1	1	19	516	4	-3	19	516	445
1.350	1	542	0	14	2	136	0	-4	1	14	542	4	-8	14	542	480
1.352	1	543	0	-2	2	136	0	-4	3	14	543	4	-8	14	543	481
1.400	1	550	0	-7	2	120	0	-7	3	9	521	4	-13	9	521	528
1.407	1	550	0	-11	2	117	0	-9	3	5	521	4	-17	5	521	529
1.450	1	532	0	-16	2	92	0	-11	3	1	504	4	-21	1	504	520
1.500	1	494	0	-21	2	56	0	-15	3	-3	470	4	-27	-3	470	492
1.550	1	445	0	-16	2	10	0	-18	3	-8	420	4	-32	-8	420	445
1.585	1	401	0	-20	2	-27	0	-20	3	-11	376	4	-35	-11	376	401
1.600	1	380	0	-21	2	-44	0	-21	3	-12	356	4	-37	-12	356	380
1.650	1	299	0	-26	2	-108	0	-25	3	-17	232	4	-42	-17	232	299
1.686	1	229	0	-26	2	-217	0	-32	3	-20	170	4	-46	-20	170	228
1.700	1	204	0	-28	2	-242	0	-33	3	-21	145	4	-47	-21	145	201
1.750	1	102	0	-32	2	-340	0	-36	3	-25	46	4	-52	-25	46	89
1.764	1	72	0	-37	2	-368	0	-36	3	-25	-73	4	-57	-25	-73	55
1.800	1	-21	0	-40	2	-446	0	-39	3	-27	-127	4	-61	-27	-127	-46
1.850	1	-158	0	-44	2	-562	0	-43	3	-30	-208	4	-65	-30	-208	-197
1.882	1	-248	0	-44	2	-640	0	-45	3	-32	-264	4	-68	-32	-264	-299
1.893	1	-277	0	-35	2	-668	0	-46	3	-33	-284	4	-68	-33	-284	-335
1.900	1	-291	0	-36	2	-687	0	-46	3	-33	-401	4	-69	-33	-401	-358
1.950	1	-395	0	-38	2	-823	0	-50	3	-37	-500	4	-73	-37	-500	-559
2.000	1	-504	0	-40	2	-1027	0	-78	3	-40	-607	2	-78	-40	-607	-1027
2.000	1	-504	0	40	2	-1024	0	74	2	74	-1024	4	39	74	-1024	-506
2.042	1	-375	0	36	2	-781	0	70	2	70	-781	4	35	70	-781	-380
2.050	1	-354	0	36	2	-739	0	69	2	69	-739	4	35	69	-739	-360
2.075	1	-284	0	34	2	-606	0	65	3	65	-353	4	32	65	-353	-292
2.085	1	-257	0	49	2	-557	0	67	3	67	-311	4	34	67	-311	-268
2.100	1	-203	0	51	2	-476	0	64	3	65	-243	4	33	65	-243	-228
2.150	1	-17	0	38	2	-269	0	39	3	59	-34	4	28	59	-34	-92
2.200	1	154	0	37	2	-122	0	30	3	53	154	4	23	53	154	13
2.202	1	161	0	37	2	-117	0	30	3	53	161	4	23	53	161	16
2.210	1	188	0	36	2	-99	0	29	3	52	188	4	23	52	188	30
2.250	1	319	0	31	2	-10	0	25	3	47	319	4	19	47	319	93
2.300	1	459	0	24	2	81	0	20	3	40	459	4	14	40	459	363
2.335	1	540	0	17	2	132	0	16	3	33	540	4	7	33	540	445
2.350	1	567	0	14	2	151	0	15	3	30	567	4	5	30	567	510
2.400	1	637	0	8	2	201	0	10	3	24	637	4	-1	24	637	578
2.450	1	679	0	1	2	232	0	5	3	17	679	4	-7	17	679	621
2.460	1	684	0	0	2	236	0	4	3	16	684	4	-8	16	684	626
2.485	1	691	0	-3	2	231	0	-4	3	12	643	4	-11	12	643	682
2.500	1	691	0	-6	2	225	0	-5	3	10	644	4	-13	10	644	684
2.550	1	674	0	-13	2	195	0	-10	3	4	629	4	-20	4	629	671
2.585	1	645	0	-12	2	164	0	-14	3	-4	602	4	-28	-4	602	645
2.600	1	625	0	-15	2	146	0	-15	3	-6	582	4	-30	-6	582	625
2.650	1	537	0	-22	2	76	0	-20	3	-12	441	4	-37	-12	441	537
2.700	1	419	0	-28	2	-13	0	-24	3	-17	337	4	-44	-17	337	419
2.710	1	392	0	-30	2	-32	0	-25	3	-18	314	4	-45	-18	314	392
2.750	1	272	0	-35	2	-121	0	-29	3	-22	24	4	-51	-22	24	272
2.766	1	218	0	-37	2	-214	0	-32	3	-24	-5	4	-53	-24	-5	218
2.800	1	110	0	-37	2	-319	0	-40	3	-26	-76	4	-58	-26	-76	98
2.835	1	-13	0	-45	2	-434	0	-42	3	-28	-158	4	-66	-28	-158	-39
2.850	1	-74	0	-47	2	-489	0	-43	3	-29	-197	4	-68	-29	-197	-106
2.888	1	-235	0	-50	2	-625	0	-47	3	-33	-289	4	-72	-33	-289	-291
2.900	1	-286	0	-54	2	-675	0	-49	3	-34	-325	4	-74	-34	-325	-362
2.917	1	-351	0	-40	2	-744	0	-51	3	-36	-373	4	-76	-36	-373	-465
2.950	1	-456	0	-41	2	-897	0	-79	3	-39	-473	4	-80	-39	-473	-668

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
3.000	1	-629	0	-46	2	-1230	0	-86	3	-43	-637	2	-86	-1230		
3.000	1	-628	0	41	2	-1227	0	79	2	79	-1227	4	41	-647		
3.042	1	-495	0	37	2	-967	0	73	2	73	-967	4	37	-515		
3.050	1	-474	0	37	2	-924	0	56	3	70	-607	4	37	-494		
3.085	1	-373	0	52	2	-774	0	52	3	69	-446	4	36	-397		
3.100	1	-317	0	50	2	-709	0	50	3	67	-375	4	35	-335		
3.113	1	-267	0	44	2	-660	0	49	3	66	-319	4	34	-301		
3.150	1	-121	0	40	2	-518	0	44	3	61	-157	4	30	-200		
3.200	1	57	0	35	2	-349	0	39	3	55	41	4	25	-87		
3.210	1	89	0	34	2	-320	0	38	3	54	76	4	25	-67		
3.249	1	212	0	30	2	-156	0	32	3	49	212	4	21	4		
3.250	1	214	0	33	2	-153	0	28	3	49	214	4	21	-1		
3.300	1	363	0	27	2	-50	0	23	3	42	363	4	16	280		
3.335	1	450	0	19	2	10	0	20	3	35	450	4	9	369		
3.350	1	480	0	17	2	33	0	18	3	33	480	4	8	436		
3.400	1	560	0	10	2	97	0	14	3	26	560	4	2	512		
3.450	1	612	0	3	2	143	0	9	3	19	612	4	-4	563		
3.460	1	618	0	2	2	150	0	8	3	18	618	4	-6	570		
3.500	1	634	0	-3	2	171	0	5	3	12	634	4	-10	588		
3.510	1	634	0	-5	2	171	0	-3	3	11	595	4	-12	628		
3.550	1	627	0	-10	2	154	0	-7	3	6	589	4	-17	625		
3.585	1	605	0	-9	2	129	0	-12	3	-1	567	4	-25	605		
3.600	1	588	0	-12	2	114	0	-13	3	-4	550	4	-28	588		
3.650	1	510	0	-19	2	53	0	-17	3	-10	419	4	-35	510		
3.700	1	403	0	-26	2	-26	0	-22	3	-14	89	4	-42	403		
3.710	1	378	0	-27	2	-43	0	-23	3	-15	77	4	-43	378		
3.750	1	266	0	-33	2	-125	0	-27	3	-19	18	4	-48	266		
3.765	1	219	0	-34	2	-213	0	-30	3	-20	-5	4	-50	219		
3.800	1	114	0	-35	2	-314	0	-37	3	-23	-70	4	-55	103		
3.835	1	-3	0	-42	2	-421	0	-39	3	-25	-142	4	-63	-26		
3.850	1	-61	0	-44	2	-473	0	-41	3	-26	-177	4	-65	-90		
3.887	1	-215	0	-48	2	-601	0	-45	3	-29	-259	4	-69	-268		
3.900	1	-264	0	-52	2	-649	0	-46	3	-30	-292	4	-71	-336		
3.917	1	-325	0	-38	2	-714	0	-48	3	-32	-336	4	-73	-435		
3.950	1	-425	0	-39	2	-860	0	-76	3	-35	-427	4	-77	-631		
4.000	1	-577	0	-40	2	-1183	0	-83	3	-40	-578	2	-83	-1183		
4.000	1	-577	0	41	2	-1180	0	78	2	78	-1180	4	41	-607		
4.042	1	-444	0	37	2	-922	0	72	2	72	-922	4	36	-477		
4.050	1	-424	0	37	2	-881	0	55	3	70	-562	4	36	-456		
4.085	1	-321	0	38	2	-733	0	51	3	68	-403	4	35	-361		
4.100	1	-276	0	37	2	-669	0	49	3	66	-333	4	34	-299		
4.112	1	-229	0	42	2	-620	0	48	3	65	-277	4	33	-265		
4.150	1	-87	0	40	2	-481	0	44	3	60	-117	4	29	-166		
4.200	1	88	0	34	2	-315	0	38	3	54	77	4	25	-55		
4.210	1	120	0	33	2	-286	0	37	3	53	112	4	24	-37		
4.234	1	198	0	35	2	-160	0	29	3	50	198	4	22	8		
4.250	1	248	0	32	2	-125	0	27	3	48	248	4	20	27		
4.300	1	393	0	26	2	-25	0	23	3	42	393	4	15	306		
4.335	1	478	0	19	2	33	0	19	3	34	478	4	9	394		
4.350	1	507	0	16	2	56	0	18	3	32	507	4	7	459		
4.400	1	584	0	9	2	117	0	13	3	25	584	4	1	533		
4.450	1	633	0	3	2	160	0	9	3	18	633	4	-5	581		
4.460	1	639	0	2	2	167	0	8	3	17	639	4	-6	587		
4.500	1	652	0	-4	2	185	0	4	3	12	652	4	-11	603		
4.503	1	652	0	-4	2	186	0	4	3	11	610	4	-11	645		
4.550	1	641	0	-11	2	166	0	-8	3	6	601	4	-18	639		
4.585	1	617	0	-10	2	139	0	-12	3	-2	578	4	-26	617		
4.600	1	599	0	-13	2	123	0	-14	3	-4	560	4	-29	599		
4.650	1	519	0	-20	2	60	0	-18	3	-10	422	4	-36	518		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
4.700	1	408	0	-27	2	-22	0	-23	3	-15	93	4	-42	408
4.710	1	383	0	-28	2	-40	0	-24	3	-16	81	4	-44	383
4.750	1	268	0	-33	2	-124	0	-28	3	-19	20	4	-49	268
4.765	1	219	0	-35	2	-214	0	-30	3	-21	-5	4	-51	219
4.800	1	113	0	-36	2	-315	0	-38	3	-24	-71	4	-56	102
4.835	1	-6	0	-43	2	-425	0	-40	3	-25	-145	4	-64	-30
4.850	1	-65	0	-45	2	-477	0	-42	3	-27	-181	4	-66	-95
4.887	1	-221	0	-49	2	-608	0	-46	3	-30	-265	4	-70	-275
4.900	1	-270	0	-40	2	-656	0	-47	3	-31	-299	4	-72	-344
4.917	1	-333	0	-39	2	-723	0	-49	3	-33	-343	4	-74	-444
4.950	1	-434	0	-39	2	-871	0	-77	3	-36	-436	4	-78	-642
5.000	1	-589	0	-41	2	-1197	0	-84	3	-41	-590	2	-84	-1197
5.000	1	-589	0	42	2	-1194	0	79	2	79	-1194	4	41	-619
5.042	1	-455	0	37	2	-935	0	72	2	72	-935	4	37	-488
5.050	1	-435	0	37	2	-895	0	56	3	70	-576	4	36	-467
5.085	1	-332	0	38	2	-746	0	51	3	68	-415	4	36	-372
5.100	1	-286	0	37	2	-681	0	49	3	67	-346	4	34	-307
5.112	1	-239	0	42	2	-633	0	48	3	65	-290	4	33	-274
5.150	1	-97	0	40	2	-493	0	44	3	61	-129	4	30	-176
5.200	1	79	0	34	2	-326	0	39	3	55	66	4	25	-65
5.210	1	111	0	33	2	-297	0	38	3	53	101	4	24	-46
5.239	1	202	0	34	2	-159	0	28	3	50	202	4	21	7
5.250	1	237	0	32	2	-134	0	27	3	48	237	4	20	19
5.300	1	384	0	26	2	-33	0	23	3	42	384	4	16	298
5.335	1	469	0	19	2	25	0	19	3	35	469	4	9	386
5.350	1	498	0	16	2	48	0	18	3	32	498	4	7	452
5.400	1	576	0	10	2	110	0	13	3	25	576	4	1	526
5.450	1	626	0	3	2	154	0	9	3	19	625	4	-5	575
5.460	1	632	0	2	2	160	0	8	3	18	631	4	-6	581
5.500	1	645	0	-4	2	180	0	4	3	12	645	4	-11	597
5.504	1	645	0	-4	2	181	0	4	3	11	605	4	-11	638
5.550	1	636	0	-11	2	162	0	-8	3	6	596	4	-18	633
5.585	1	612	0	-10	2	135	0	-12	3	-2	574	4	-26	612
5.600	1	594	0	-13	2	119	0	-13	3	-4	556	4	-28	594
5.650	1	514	0	-20	2	56	0	-18	3	-10	418	4	-35	514
5.700	1	405	0	-26	2	-25	0	-22	3	-15	90	4	-42	405
5.710	1	380	0	-28	2	-42	0	-23	3	-16	78	4	-43	380
5.750	1	266	0	-33	2	-126	0	-27	3	-19	17	4	-49	266
5.764	1	220	0	-35	2	-213	0	-30	3	-21	-5	4	-51	220
5.800	1	112	0	-35	2	-316	0	-38	3	-24	-72	4	-56	100
5.835	1	-7	0	-43	2	-425	0	-40	3	-25	-146	4	-64	-31
5.850	1	-66	0	-45	2	-478	0	-41	3	-26	-182	4	-66	-96
5.888	1	-221	0	-48	2	-608	0	-45	3	-30	-266	4	-70	-275
5.900	1	-272	0	-40	2	-656	0	-47	3	-31	-299	4	-72	-344
5.917	1	-336	0	-38	2	-722	0	-49	3	-33	-343	4	-74	-444
5.950	1	-435	0	-36	2	-871	0	-77	3	-36	-436	4	-78	-641
6.000	1	-588	0	-41	2	-1195	0	-84	3	-41	-589	2	-84	-1195
6.000	1	-588	0	42	2	-1192	0	79	2	79	-1192	4	41	-625
6.042	1	-454	0	38	2	-933	0	72	2	72	-933	4	37	-492
6.050	1	-434	0	37	2	-893	0	56	3	70	-574	4	37	-471
6.085	1	-330	0	38	2	-744	0	52	3	69	-413	4	36	-375
6.100	1	-284	0	37	2	-679	0	50	3	67	-343	4	35	-309
6.112	1	-237	0	42	2	-630	0	48	3	65	-287	4	33	-275
6.150	1	-95	0	40	2	-490	0	44	3	61	-126	4	30	-176
6.200	1	82	0	34	2	-323	0	39	3	55	69	4	25	-63
6.210	1	113	0	33	2	-294	0	38	3	54	104	4	25	-44
6.237	1	201	0	35	2	-160	0	29	3	50	201	4	22	8
6.250	1	241	0	33	2	-131	0	28	3	48	241	4	21	32
6.300	1	388	0	26	2	-30	0	23	3	42	388	4	16	314

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
6.335	1	474	0	19	2	29	0	19	3	35	474	4	9	390		
6.350	1	503	0	16	2	52	0	18	3	32	503	4	7	416		
6.400	1	581	0	10	2	115	0	13	3	26	581	4	1	531		
6.450	1	631	0	3	2	159	0	9	3	19	631	4	-5	580		
6.460	1	637	0	2	2	166	0	8	3	18	637	4	-6	586		
6.500	1	651	0	-4	2	185	0	4	3	12	651	4	-11	603		
6.506	1	651	0	-5	2	187	0	4	3	11	610	4	-12	645		
6.550	1	642	0	-11	2	180	0	-7	3	6	602	4	-18	640		
6.585	1	619	0	-10	2	155	0	-11	3	-2	580	4	-26	619		
6.600	1	602	0	-12	2	140	0	-13	3	-4	562	4	-28	602		
6.650	1	522	0	-19	2	79	0	-17	3	-10	425	4	-35	522		
6.700	1	413	0	-26	2	-1	0	-22	3	-15	97	4	-42	413		
6.710	1	388	0	-28	2	-18	0	-23	3	-16	85	4	-43	388		
6.750	1	274	0	-33	2	-100	0	-27	3	-19	24	4	-49	274		
6.769	1	214	0	-31	2	-160	0	-33	3	-21	-6	4	-51	214		
6.800	1	119	0	-35	2	-248	0	-36	3	-24	-65	4	-55	109		
6.835	1	1	0	-43	2	-353	0	-39	3	-25	-139	4	-63	-23		
6.850	1	-58	0	-45	2	-404	0	-40	3	-26	-175	4	-66	-88		
6.900	1	-264	0	-56	2	-577	0	-45	3	-31	-292	4	-72	-317		
6.917	1	-329	0	-38	2	-655	0	-71	3	-32	-335	4	-74	-435		
6.950	1	-426	0	-36	2	-851	0	-76	3	-35	-427	4	-77	-632		
7.000	1	-578	0	-40	2	-1171	0	-83	3	-40	-579	2	-83	-1171		
7.000	1	-578	0	43	2	-1168	0	80	2	80	-1168	4	42	-682		
7.050	1	-450	0	39	2	-925	0	57	3	72	-605	4	39	-557		
7.053	1	-443	0	39	2	-915	0	57	3	72	-592	4	38	-550		
7.100	1	-327	0	38	2	-746	0	53	3	67	-410	4	35	-442		
7.106	1	-313	0	39	2	-727	0	52	3	70	-389	4	38	-317		
7.125	1	-261	0	45	2	-664	0	50	3	68	-316	4	37	-271		
7.150	1	-182	0	44	2	-584	0	48	3	65	-224	4	35	-204		
7.200	1	-24	0	55	2	-435	0	44	3	61	-48	4	31	-59		
7.250	1	121	0	51	2	-301	0	39	3	56	113	4	27	75		
7.262	1	154	0	50	2	-271	0	38	3	55	149	4	26	105		
7.281	1	205	0	53	2	-169	0	30	1	53	205	4	24	151		
7.300	1	258	0	51	2	-132	0	29	1	51	258	4	23	197		
7.350	1	388	0	45	2	-44	0	25	1	45	388	4	19	305		
7.400	1	499	0	24	2	31	0	22	3	40	499	4	14	401		
7.418	1	535	0	19	2	56	0	20	3	35	535	4	10	432		
7.450	1	584	0	15	2	94	0	18	3	31	584	4	6	528		
7.500	1	645	0	10	2	145	0	14	3	26	645	4	2	588		
7.550	1	685	0	4	2	184	0	10	3	20	685	4	-3	631		
7.575	1	696	0	2	2	199	0	9	3	18	696	4	-6	645		
7.600	1	703	0	8	2	212	0	7	3	14	703	4	-8	655		
7.643	1	708	0	3	2	226	0	4	3	10	650	4	-12	708		
7.650	1	709	0	2	2	227	0	3	3	8	649	4	-14	709		
7.700	1	691	0	-4	2	231	0	-1	3	3	622	4	-19	691		
7.731	1	668	0	-11	2	226	0	-3	3	-3	228	4	-27	668		
7.750	1	646	0	-30	2	219	0	-4	3	-4	220	1	-30	646		
7.800	1	566	0	-36	2	197	0	-8	3	-8	197	1	-36	566		
7.850	1	461	0	-42	2	164	0	-11	3	-11	164	1	-42	461		
7.865	1	423	0	-43	2	153	0	-12	3	-12	153	1	-43	423		
7.900	1	331	0	-48	2	120	0	-14	3	-14	120	1	-48	331		
7.950	1	176	0	-53	3	65	0	-18	3	-18	65	1	-53	176		
7.994	1	21	0	-53	2	6	0	-26	3	-21	10	4	-57	21		
8.000	1	4	0	-33	2	-4	0	-37	3	-21	2	4	-58	0		
8.000	1	0	0	1	2	-3	0	5	2	5	-3	1	1	0		
8.375	1	0	0	0	2	-2	0	5	2	5	-2	1	0	0		
9.000	1	0	0	0	2	0	0	0	3	5	0	1	0	0		

----- FINAL RATING RESULTS - SUMMARY OF GIRDER RESULTS -----

RATING CODES

CODE 0 None
CODE 4 Moment
CODE 5 Shear
CODE 6 Interaction

LL CASE NUMBER: 1 LL CASE NAME: HL-93-ED
TOTAL AXLE WEIGHT = 36.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 3.000 INVENTORY STRENGTH RATING = Factor 0.90625 Tons 32.625 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 2033.422 7.757
MIN MOMENT CORRESPONDING SHEAR = -6543.673 -42.564
MAX SHEAR CORRESPONDING MOMENT = 10.576 1750.010
MIN SHEAR CORRESPONDING MOMENT = -49.384 -4330.071
SPAN LOC. = 3.000 OPERATING STRENGTH RATING = Factor 1.17383 Tons 42.258 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 2633.807 10.048
MIN MOMENT CORRESPONDING SHEAR = -8475.749 -55.132
MAX SHEAR CORRESPONDING MOMENT = 13.699 2266.715
MIN SHEAR CORRESPONDING MOMENT = -63.965 -5608.562

LL CASE NUMBER: 2 LL CASE NAME: HL-93-ED
TOTAL AXLE WEIGHT = 36.000 (Tons)

LOADING CONDITION: ONE LANE WITH IMPACT

LL CASE NUMBER: 3 LL CASE NAME: MaineDOT_Config-1
TOTAL AXLE WEIGHT = 50.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 1.19922 Tons 59.961 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 2047.501 7.975
MIN MOMENT CORRESPONDING SHEAR = -6327.500 -52.490
MAX SHEAR CORRESPONDING MOMENT = 11.198 1707.752
MIN SHEAR CORRESPONDING MOMENT = -61.061 -4729.443

LL CASE NUMBER: 4 LL CASE NAME: MaineDOT_Config-2
TOTAL AXLE WEIGHT = 47.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 1.28320 Tons 60.311 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 2153.621 8.409
MIN MOMENT CORRESPONDING SHEAR = -6547.678 -50.178
MAX SHEAR CORRESPONDING MOMENT = 12.001 1795.811
MIN SHEAR CORRESPONDING MOMENT = -61.378 -5433.194

LL CASE NUMBER: 5 LL CASE NAME: MaineDOT_Config-3
TOTAL AXLE WEIGHT = 44.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 1.22852 Tons 54.055 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 2090.959 8.233
MIN MOMENT CORRESPONDING SHEAR = -6356.303 -48.602
MAX SHEAR CORRESPONDING MOMENT = 11.972 1805.487
MIN SHEAR CORRESPONDING MOMENT = -59.063 -4612.499

LL CASE NUMBER: 6 LL CASE NAME: MaineDOT_Config-4
TOTAL AXLE WEIGHT = 44.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 1.23828 Tons 54.484 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 2090.561 8.280
MIN MOMENT CORRESPONDING SHEAR = -6382.881 -49.234
MAX SHEAR CORRESPONDING MOMENT = 11.947 1796.515
MIN SHEAR CORRESPONDING MOMENT = -59.601 -3827.873

LL CASE NUMBER: 7 LL CASE NAME: MaineDOT_Config-5
 TOTAL AXLE WEIGHT = 44.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 1.25195 Tons 55.086 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 2088.032 8.212
 MIN MOMENT CORRESPONDING SHEAR = -6360.083 -49.448
 MAX SHEAR CORRESPONDING MOMENT = 11.870 1813.096
 MIN SHEAR CORRESPONDING MOMENT = -59.511 -4502.703

LL CASE NUMBER: 8 LL CASE NAME: MaineDOT_Config-6
 TOTAL AXLE WEIGHT = 37.950 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 7.600 LEGAL TK STRENGTH RATING = Factor 1.37695 Tons 52.255 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 8642.895 3.782
 MIN MOMENT CORRESPONDING SHEAR = -2552.690 7.872
 MAX SHEAR CORRESPONDING MOMENT = 21.037 8013.386
 MIN SHEAR CORRESPONDING MOMENT = -23.026 8065.096

LL CASE NUMBER: 9 LL CASE NAME: MaineDOT_Config-7
 TOTAL AXLE WEIGHT = 29.700 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 3.113 LEGAL TK STRENGTH RATING = Factor 1.68164 Tons 49.945 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1629.796 16.638
 MIN MOMENT CORRESPONDING SHEAR = -4957.555 8.455
 MAX SHEAR CORRESPONDING MOMENT = 46.185 1535.790
 MIN SHEAR CORRESPONDING MOMENT = -7.892 937.849

LL CASE NUMBER: 10 LL CASE NAME: MaineDOT_Config-8
 TOTAL AXLE WEIGHT = 18.700 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 3.113 LEGAL TK STRENGTH RATING = Factor 2.49805 Tons 46.713 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1668.802 13.064
 MIN MOMENT CORRESPONDING SHEAR = -4646.859 7.894
 MAX SHEAR CORRESPONDING MOMENT = 43.440 1668.545
 MIN SHEAR CORRESPONDING MOMENT = -7.399 882.263

----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

SPAN.LOC	DISTANCE	---- INPUT SPACING ----	
		DIAPHRAGM	STIFFENER
FRAC	(ft)	(ft)	(in)
0.000	0.000	0.667	8.000
0.625	0.417	0.667	8.000
1.000	0.667	0.667	8.000
1.000	0.667	22.769	273.233
1.000	0.678	22.769	273.233
1.049	3.385	22.769	273.233
1.050	3.467	22.769	273.233
1.100	6.267	22.769	273.233
1.109	6.770	22.769	273.233
1.150	9.067	22.769	273.233
1.169	10.155	22.769	273.233
1.200	11.867	22.769	273.233
1.203	12.051	22.769	273.233
1.230	13.540	22.769	273.233
1.248	14.564	22.769	273.233
1.250	14.667	22.769	273.233
1.300	17.467	22.769	273.233
1.350	20.267	22.769	273.233
1.352	20.361	22.769	273.233
1.400	23.067	22.769	273.233
1.407	23.436	20.000	240.000
1.450	25.867	20.000	240.000
1.500	28.667	20.000	240.000
1.550	31.467	20.000	240.000

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

SPAN.LOC FRAC	DISTANCE (ft)	---- INPUT SPACING ----	
		DIAPHRAGM (ft)	STIFFENER (in)
1.585	33.436	20.000	240.000
1.600	34.267	20.000	240.000
1.650	37.067	20.000	240.000
1.686	39.109	20.000	240.000
1.700	39.867	20.000	240.000
1.750	42.667	20.000	240.000
1.764	43.436	13.231	158.767
1.800	45.467	13.231	158.767
1.850	48.267	13.231	158.767
1.882	50.051	13.231	158.767
1.893	50.667	13.231	158.767
1.900	51.067	13.231	158.767
1.950	53.867	13.231	158.767
2.000	56.667	13.231	158.767
2.000	56.667	6.769	81.233
2.042	60.051	6.769	81.233
2.050	60.667	6.769	81.233
2.075	62.667	6.769	81.233
2.085	63.436	20.000	240.000
2.100	64.667	20.000	240.000
2.150	68.667	20.000	240.000
2.200	72.667	20.000	240.000
2.202	72.818	20.000	240.000
2.210	73.436	20.000	240.000
2.250	76.667	20.000	240.000
2.300	80.667	20.000	240.000
2.335	83.436	20.000	240.000
2.350	84.667	20.000	240.000
2.400	88.667	20.000	240.000
2.450	92.667	20.000	240.000
2.460	93.436	20.000	240.000
2.485	95.495	20.000	240.000
2.500	96.667	20.000	240.000
2.550	100.667	20.000	240.000
2.585	103.436	20.000	240.000
2.600	104.667	20.000	240.000
2.650	108.667	20.000	240.000
2.700	112.667	20.000	240.000
2.710	113.436	20.000	240.000
2.750	116.667	20.000	240.000
2.766	117.937	20.000	240.000
2.800	120.667	20.000	240.000
2.835	123.436	13.231	158.767
2.850	124.667	13.231	158.767
2.888	127.667	13.231	158.767
2.900	128.667	13.231	158.767
2.917	130.051	13.231	158.767
2.950	132.667	13.231	158.767
3.000	136.667	13.231	158.767
3.000	136.667	6.769	81.233
3.042	140.051	6.769	81.233
3.050	140.667	6.769	81.233
3.085	143.436	20.000	240.000
3.100	144.667	20.000	240.000
3.113	145.667	20.000	240.000
3.150	148.667	20.000	240.000
3.200	152.667	20.000	240.000
3.210	153.436	20.000	240.000
3.249	156.575	20.000	240.000
3.250	156.667	20.000	240.000
3.300	160.667	20.000	240.000
3.335	163.436	20.000	240.000
3.350	164.667	20.000	240.000

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

SPAN.LOC	DISTANCE FRAC (ft)	---- INPUT SPACING ----	
		DIAPHRAGM (ft)	STIFFENER (in)
3.400	168.667	20.000	240.000
3.450	172.667	20.000	240.000
3.460	173.436	20.000	240.000
3.500	176.667	20.000	240.000
3.510	177.480	20.000	240.000
3.550	180.667	20.000	240.000
3.585	183.436	20.000	240.000
3.600	184.667	20.000	240.000
3.650	188.667	20.000	240.000
3.700	192.667	20.000	240.000
3.710	193.436	20.000	240.000
3.750	196.667	20.000	240.000
3.765	197.858	20.000	240.000
3.800	200.667	20.000	240.000
3.835	203.436	13.231	158.767
3.850	204.667	13.231	158.767
3.887	207.667	13.231	158.767
3.900	208.667	13.231	158.767
3.917	210.051	13.231	158.767
3.950	212.667	13.231	158.767
4.000	216.667	13.231	158.767
4.000	216.667	6.769	81.233
4.042	220.051	6.769	81.233
4.050	220.667	6.769	81.233
4.085	223.436	20.000	240.000
4.100	224.667	20.000	240.000
4.112	225.667	20.000	240.000
4.150	228.667	20.000	240.000
4.200	232.667	20.000	240.000
4.210	233.436	20.000	240.000
4.234	235.416	20.000	240.000
4.250	236.667	20.000	240.000
4.300	240.667	20.000	240.000
4.335	243.436	20.000	240.000
4.350	244.667	20.000	240.000
4.400	248.667	20.000	240.000
4.450	252.667	20.000	240.000
4.460	253.436	20.000	240.000
4.500	256.667	20.000	240.000
4.503	256.877	20.000	240.000
4.550	260.667	20.000	240.000
4.585	263.436	20.000	240.000
4.600	264.667	20.000	240.000
4.650	268.667	20.000	240.000
4.700	272.667	20.000	240.000
4.710	273.436	20.000	240.000
4.750	276.667	20.000	240.000
4.765	277.892	20.000	240.000
4.800	280.667	20.000	240.000
4.835	283.436	13.231	158.767
4.850	284.667	13.231	158.767
4.887	287.667	13.231	158.767
4.900	288.667	13.231	158.767
4.917	290.051	13.231	158.767
4.950	292.667	13.231	158.767
5.000	296.667	13.231	158.767
5.000	296.667	6.769	81.233
5.042	300.051	6.769	81.233
5.050	300.667	6.769	81.233
5.085	303.436	20.000	240.000
5.100	304.667	20.000	240.000
5.112	305.667	20.000	240.000
5.150	308.667	20.000	240.000

----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

SPAN.LOC FRAC	DISTANCE (ft)	---- INPUT SPACING ----	
		DIAPHRAGM (ft)	STIFFENER (in)
5.200	312.667	20.000	240.000
5.210	313.436	20.000	240.000
5.239	315.776	20.000	240.000
5.250	316.667	20.000	240.000
5.300	320.667	20.000	240.000
5.335	323.436	20.000	240.000
5.350	324.667	20.000	240.000
5.400	328.667	20.000	240.000
5.450	332.667	20.000	240.000
5.460	333.436	20.000	240.000
5.500	336.667	20.000	240.000
5.504	337.022	20.000	240.000
5.550	340.667	20.000	240.000
5.585	343.436	20.000	240.000
5.600	344.667	20.000	240.000
5.650	348.667	20.000	240.000
5.700	352.667	20.000	240.000
5.710	353.436	20.000	240.000
5.750	356.667	20.000	240.000
5.764	357.803	20.000	240.000
5.800	360.667	20.000	240.000
5.835	363.436	13.231	158.767
5.850	364.667	13.231	158.767
5.888	367.667	13.231	158.767
5.900	368.667	13.231	158.767
5.917	370.051	13.231	158.767
5.950	372.667	13.231	158.767
6.000	376.667	13.231	158.767
6.000	376.667	6.769	81.233
6.042	380.051	6.769	81.233
6.050	380.667	6.769	81.233
6.085	383.436	20.000	240.000
6.100	384.667	20.000	240.000
6.112	385.667	20.000	240.000
6.150	388.667	20.000	240.000
6.200	392.667	20.000	240.000
6.210	393.436	20.000	240.000
6.237	395.651	20.000	240.000
6.250	396.667	20.000	240.000
6.300	400.667	20.000	240.000
6.335	403.436	20.000	240.000
6.350	404.667	20.000	240.000
6.400	408.667	20.000	240.000
6.450	412.667	20.000	240.000
6.460	413.436	20.000	240.000
6.500	416.667	20.000	240.000
6.506	417.138	20.000	240.000
6.550	420.667	20.000	240.000
6.585	423.436	20.000	240.000
6.600	424.667	20.000	240.000
6.650	428.667	20.000	240.000
6.700	432.667	20.000	240.000
6.710	433.436	20.000	240.000
6.750	436.667	20.000	240.000
6.769	438.152	20.000	240.000
6.800	440.667	20.000	240.000
6.835	443.436	13.231	158.767
6.850	444.667	13.231	158.767
6.900	448.667	13.231	158.767
6.917	450.051	13.231	158.767
6.950	452.667	13.231	158.767
7.000	456.667	13.231	158.767
7.000	456.667	6.769	81.233

----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

SPAN.LOC	DISTANCE	----- INPUT SPACING -----	
		DIAPHRAGM	STIFFENER
FRAC	(ft)	(ft)	(in)
7.050	459.867	6.769	81.233
7.053	460.051	6.769	81.233
7.100	463.067	6.769	81.233
7.106	463.436	20.000	240.000
7.125	464.667	20.000	240.000
7.150	466.267	20.000	240.000
7.200	469.467	20.000	240.000
7.250	472.667	20.000	240.000
7.262	473.436	20.000	240.000
7.281	474.643	20.000	240.000
7.300	475.867	20.000	240.000
7.350	479.067	20.000	240.000
7.400	482.267	20.000	240.000
7.418	483.436	20.000	240.000
7.450	485.467	20.000	240.000
7.500	488.667	20.000	240.000
7.550	491.867	20.000	240.000
7.575	493.436	20.000	240.000
7.600	495.067	20.000	240.000
7.643	497.789	20.000	240.000
7.650	498.267	20.000	240.000
7.700	501.467	20.000	240.000
7.731	503.436	17.231	206.767
7.750	504.667	17.231	206.767
7.800	507.867	17.231	206.767
7.850	511.067	17.231	206.767
7.865	512.051	17.231	206.767
7.900	514.267	17.231	206.767
7.950	517.467	17.231	206.767
7.994	520.309	17.231	206.767
8.000	520.667	17.231	206.767
8.000	520.667	0.667	8.000
8.375	520.917	0.667	8.000

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: HL-93-ED V = SHEAR
 COMBINATION TABLE: LRFR2009 1-MaineDOT « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	----- STRENGTH -----				----- SERVICE -----			
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
FRAC	(ft)								
0.000	0.000	10.000	10.000						
0.625	0.417	10.000	10.000						
1.000	0.667	10.000	10.000						
1.000	0.667	6.391	V	8.283	V				
1.000	0.678	6.391	V	8.283	V				
1.049	3.385	6.477	V	8.396	V				
1.050	3.467	6.480	V	8.400	V				
1.100	6.267	3.594	M	4.658	M				
1.109	6.770	3.316	M	4.299	M				
1.150	9.067	2.424	M	3.143	M				
1.169	10.155	2.172	M	2.816	M				
1.200	11.867	1.875	M	2.430	M				
1.203	12.051	1.854	M	2.404	M				
1.230	13.540	1.676	M	2.174	M				
1.248	14.564	1.582	M	2.051	M				
1.250	14.667	1.572	M	2.039	M				
1.300	17.467	1.402	M	1.818	M				
1.350	20.267	1.312	M	1.701	M				
1.352	20.361	1.311	M	1.699	M				
1.400	23.067	1.258	M	1.631	M				

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1

CONTROLLING RATING CODES: M = MOMENT

LL PATTERN: HL-93-ED

V = SHEAR

COMBINATION TABLE: LRFR2009 1-MaineDOT

« = CONTROLLING LOCATION

LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd)

* = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
1.407	23.436	1.254 M	1.625 M		
1.450	25.867	1.275 M	1.652 M		
1.500	28.667	1.344 M	1.742 M		
1.550	31.467	1.436 M	1.861 M		
1.585	33.436	1.531 M	1.984 M		
1.600	34.267	1.576 M	2.045 M		
1.650	37.067	1.803 M	2.338 M		
1.686	39.109	2.051 M	2.660 M		
1.700	39.867	2.150 M	2.789 M		
1.750	42.667	1.979 M	2.564 M		
1.764	43.436	1.701 M	2.205 M		
1.800	45.467	1.527 M	1.980 M		
1.850	48.267	1.287 M	1.670 M		
1.882	50.051	1.131 M	1.465 M		
1.893	50.667	1.055 M	1.367 M		
1.900	51.067	1.762 M	2.283 M		
1.950	53.867	1.346 M	1.744 M		
2.000	56.667	1.008 M	1.307 M		
2.000	56.667	1.189 M	1.541 M		
2.042	60.051	1.619 M	2.100 M		
2.050	60.667	1.711 M	2.219 M		
2.075	62.667	1.213 M	1.572 M		
2.085	63.436	1.320 M	1.711 M		
2.100	64.667	1.516 M	1.965 M		
2.150	68.667	2.387 M	3.094 M		
2.200	72.667	3.361 M	4.357 M		
2.202	72.818	3.326 M	4.312 M		
2.210	73.436	3.084 M	3.998 M		
2.250	76.667	2.189 M	2.838 M		
2.300	80.667	1.566 M	2.031 M		
2.335	83.436	1.316 M	1.707 M		
2.350	84.667	1.240 M	1.607 M		
2.400	88.667	1.072 M	1.391 M		
2.450	92.667	0.980 *M	1.271 M		
2.460	93.436	0.971 *M	1.260 M		
2.485	95.495	0.953 *M	1.236 M		
2.500	96.667	0.947 *M	1.229 M		
2.550	100.667	0.965 *M	1.252 M		
2.585	103.436	1.004 M	1.301 M		
2.600	104.667	1.033 M	1.340 M		
2.650	108.667	1.189 M	1.543 M		
2.700	112.667	1.455 M	1.887 M		
2.710	113.436	1.527 M	1.980 M		
2.750	116.667	1.912 M	2.479 M		
2.766	117.937	2.135 M	2.768 M		
2.800	120.667	2.072 M	2.686 M		
2.835	123.436	1.561 M	2.023 M		
2.850	124.667	1.395 M	1.807 M		
2.888	127.667	0.998 M	1.295 M		
2.900	128.667	1.932 M	2.506 M		
2.917	130.051	1.697 M	2.201 M		
2.950	132.667	1.328 M	1.723 M		
3.000	136.667	0.906«*M	1.174« M		
3.000	136.667	1.072 M	1.389 M		
3.042	140.051	1.416 M	1.836 M		
3.050	140.667	1.492 M	1.934 M		
3.085	143.436	1.869 M	2.424 M		
3.100	144.667	2.080 M	2.697 M		
3.113	145.667	1.074 M	1.393 M		

Controlling Rating for
Exterior Girder in Positive
Moment Region:Inventory

Controlling Rating for
Exterior Girder in Negative
Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: HL-93-ED V = SHEAR
 COMBINATION TABLE: LRFR2009 1-MaineDOT « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
3.150	148.667	1.488 M	1.930 M		
3.200	152.667	1.584 M	2.053 M		
3.210	153.436	1.674 M	2.170 M		
3.249	156.575	1.990 M	2.580 M		
3.250	156.667	1.998 M	2.590 M		
3.300	160.667	1.641 M	2.127 M		
3.335	163.436	1.387 M	1.799 M		
3.350	164.667	1.311 M	1.699 M		
3.400	168.667	1.135 M	1.471 M		
3.450	172.667	1.035 M	1.342 M		
3.460	173.436	1.023 M	1.328 M		
3.500	176.667	0.994 *M	1.289 M		
3.510	177.480	0.994 *M	1.289 M		
3.550	180.667	1.004 M	1.301 M		
3.585	183.436	1.037 M	1.346 M		
3.600	184.667	1.064 M	1.381 M		
3.650	188.667	1.215 M	1.574 M		
3.700	192.667	1.473 M	1.910 M		
3.710	193.436	1.545 M	2.004 M		
3.750	196.667	1.926 M	2.496 M		
3.765	197.858	2.131 M	2.762 M		
3.800	200.667	2.080 M	2.697 M		
3.835	203.436	1.576 M	2.043 M		
3.850	204.667	1.408 M	1.826 M		
3.887	207.667	1.021 M	1.324 M		
3.900	208.667	1.945 M	2.521 M		
3.917	210.051	1.717 M	2.225 M		
3.950	212.667	1.350 M	1.750 M		
4.000	216.667	0.932 *M	1.209 M		
4.000	216.667	1.098 M	1.422 M		
4.042	220.051	1.443 M	1.871 M		
4.050	220.667	1.520 M	1.969 M		
4.085	223.436	1.896 M	2.459 M		
4.100	224.667	2.107 M	2.732 M		
4.112	225.667	1.111 M	1.441 M		
4.150	228.667	1.527 M	1.979 M		
4.200	232.667	1.621 M	2.102 M		
4.210	233.436	1.709 M	2.217 M		
4.234	235.416	1.908 M	2.475 M		
4.250	236.667	2.012 M	2.607 M		
4.300	240.667	1.559 M	2.021 M		
4.335	243.436	1.324 M	1.717 M		
4.350	244.667	1.254 M	1.627 M		
4.400	248.667	1.094 M	1.418 M		
4.450	252.667	1.004 M	1.301 M		
4.460	253.436	0.994 *M	1.289 M		
4.500	256.667	0.969 *M	1.256 M		
4.503	256.877	0.969 *M	1.256 M		
4.550	260.667	0.984 *M	1.275 M		
4.585	263.436	1.020 M	1.322 M		
4.600	264.667	1.049 M	1.359 M		
4.650	268.667	1.203 M	1.561 M		
4.700	272.667	1.467 M	1.902 M		
4.710	273.436	1.539 M	1.996 M		
4.750	276.667	1.928 M	2.500 M		
4.765	277.892	2.145 M	2.779 M		
4.800	280.667	2.084 M	2.703 M		
4.835	283.436	1.572 M	2.039 M		
4.850	284.667	1.402 M	1.818 M		
4.887	287.667	1.012 M	1.311 M		

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: HL-93-ED V = SHEAR
 COMBINATION TABLE: LRFR2009 1-MaineDOT << = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
4.900	288.667	1.932 M	2.506 M		
4.917	290.051	1.703 M	2.209 M		
4.950	292.667	1.338 M	1.734 M		
5.000	296.667	0.920 *M	1.191 M		
5.000	296.667	1.084 M	1.404 M		
5.042	300.051	1.426 M	1.848 M		
5.050	300.667	1.502 M	1.945 M		
5.085	303.436	1.875 M	2.432 M		
5.100	304.667	2.084 M	2.701 M		
5.112	305.667	1.092 M	1.416 M		
5.150	308.667	1.500 M	1.945 M		
5.200	312.667	1.588 M	2.059 M		
5.210	313.436	1.672 M	2.168 M		
5.239	315.776	1.900 M	2.463 M		
5.250	316.667	1.971 M	2.555 M		
5.300	320.667	1.568 M	2.033 M		
5.335	323.436	1.336 M	1.730 M		
5.350	324.667	1.266 M	1.641 M		
5.400	328.667	1.104 M	1.432 M		
5.450	332.667	1.014 M	1.314 M		
5.460	333.436	1.004 M	1.301 M		
5.500	336.667	0.979 *M	1.270 M		
5.504	337.022	0.979 *M	1.270 M		
5.550	340.667	0.994 *M	1.289 M		
5.585	343.436	1.031 M	1.336 M		
5.600	344.667	1.061 M	1.375 M		
5.650	348.667	1.217 M	1.578 M		
5.700	352.667	1.486 M	1.928 M		
5.710	353.436	1.561 M	2.023 M		
5.750	356.667	1.961 M	2.541 M		
5.764	357.803	2.166 M	2.809 M		
5.800	360.667	2.117 M	2.744 M		
5.835	363.436	1.596 M	2.068 M		
5.850	364.667	1.420 M	1.842 M		
5.888	367.667	1.021 M	1.326 M		
5.900	368.667	1.953 M	2.533 M		
5.917	370.051	1.721 M	2.232 M		
5.950	372.667	1.350 M	1.750 M		
6.000	376.667	0.928 *M	1.201 M		
6.000	376.667	1.094 M	1.416 M		
6.042	380.051	1.438 M	1.865 M		
6.050	380.667	1.514 M	1.963 M		
6.085	383.436	1.893 M	2.453 M		
6.100	384.667	2.102 M	2.725 M		
6.112	385.667	1.104 M	1.430 M		
6.150	388.667	1.514 M	1.963 M		
6.200	392.667	1.600 M	2.072 M		
6.210	393.436	1.682 M	2.180 M		
6.237	395.651	1.895 M	2.457 M		
6.250	396.667	1.977 M	2.562 M		
6.300	400.667	1.566 M	2.031 M		
6.335	403.436	1.336 M	1.732 M		
6.350	404.667	1.268 M	1.643 M		
6.400	408.667	1.107 M	1.436 M		
6.450	412.667	1.018 M	1.320 M		
6.460	413.436	1.010 M	1.309 M		
6.500	416.667	0.986 *M	1.279 M		
6.506	417.138	0.986 *M	1.279 M		
6.550	420.667	1.004 M	1.303 M		

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: HL-93-ED V = SHEAR
 COMBINATION TABLE: LRFR2009 1-MaineDOT « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
6.585	423.436	1.043 M	1.354 M		
6.600	424.667	1.074 M	1.393 M		
6.650	428.667	1.240 M	1.609 M		
6.700	432.667	1.529 M	1.982 M		
6.710	433.436	1.609 M	2.086 M		
6.750	436.667	2.045 M	2.650 M		
6.769	438.152	2.346 M	3.041 M		
6.800	440.667	2.541 M	3.293 M		
6.835	443.436	1.893 M	2.455 M		
6.850	444.667	1.662 M	2.154 M		
6.900	448.667	1.029 M	1.334 M		
6.917	450.051	1.812 M	2.350 M		
6.950	452.667	1.400 M	1.816 M		
7.000	456.667	0.943 *M	1.223 M		
7.000	456.667	1.115 M	1.447 M		
7.050	459.867	1.480 M	1.918 M		
7.053	460.051	1.506 M	1.953 M		
7.100	463.067	1.971 M	2.555 M		
7.106	463.436	2.033 M	2.637 M		
7.125	464.667	1.156 M	1.498 M		
7.150	466.267	1.379 M	1.789 M		
7.200	469.467	1.381 M	1.791 M		
7.250	472.667	1.617 M	2.096 M		
7.262	473.436	1.693 M	2.195 M		
7.281	474.643	1.803 M	2.336 M		
7.300	475.867	1.898 M	2.463 M		
7.350	479.067	1.553 M	2.014 M		
7.400	482.267	1.281 M	1.660 M		
7.418	483.436	1.207 M	1.566 M		
7.450	485.467	1.117 M	1.447 M		
7.500	488.667	1.021 M	1.324 M		
7.550	491.867	0.971 *M	1.258 M		
7.575	493.436	0.963 *M	1.248 M		
7.600	495.067	0.955 *M	1.238 M		
7.643	497.789	0.957 *M	1.240 M		
7.650	498.267	0.957 *M	1.240 M		
7.700	501.467	1.000 M	1.297 M		
7.731	503.436	1.057 M	1.371 M		
7.750	504.667	1.104 M	1.430 M		
7.800	507.867	1.305 M	1.693 M		
7.850	511.067	1.682 M	2.182 M		
7.865	512.051	1.871 M	2.426 M		
7.900	514.267	2.484 M	3.221 M		
7.950	517.467	4.984 M	6.461 M		
7.994	520.309	4.965 V	6.436 V		
8.000	520.667	4.934 V	6.396 V		
8.000	520.667	10.000	10.000		
8.375	520.917	10.000	10.000		

Refined Analysis Point

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MaineDOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000	
0.625	0.417			10.000	
1.000	0.667			10.000	

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.000	0.667			9.668 V					
1.000	0.678			9.668 V					
1.049	3.385			9.754 V					
1.050	3.467			9.756 V					
1.100	6.267			5.549 M					
1.109	6.770			5.148 M					
1.150	9.067			3.840 M					
1.169	10.155			3.477 M					
1.200	11.867			3.031 M					
1.203	12.051			3.000 M					
1.230	13.540			2.705 M					
1.248	14.564			2.553 M					
1.250	14.667			2.539 M					
1.300	17.467			2.279 M					
1.350	20.267			2.162 M					
1.352	20.361			2.162 M					
1.400	23.067			2.123 M					
1.407	23.436			2.123 M					
1.450	25.867			2.191 M					
1.500	28.667			2.354 M					
1.550	31.467			2.559 M					
1.585	33.436			2.703 M					
1.600	34.267			2.775 M					
1.650	37.067			3.162 M					
1.686	39.109			3.564 M					
1.700	39.867			3.477 M					
1.750	42.667			2.992 M					
1.764	43.436			2.570 M					
1.800	45.467			2.307 M					
1.850	48.267			1.906 M					
1.882	50.051			1.629 M					
1.893	50.667			1.504 M					
1.900	51.067			2.492 M					
1.950	53.867			1.828 M					
2.000	56.667			1.328 M					
2.000	56.667			1.566 M					
2.042	60.051			2.176 M					
2.050	60.667			2.301 M					
2.075	62.667			1.648 M					
2.085	63.436			1.807 M					
2.100	64.667			2.102 M					
2.150	68.667			3.488 M					
2.200	72.667			5.234 M					
2.202	72.818			5.301 M					
2.210	73.436			5.172 M					
2.250	76.667			3.473 M					
2.300	80.667			2.477 M					
2.335	83.436			2.092 M					
2.350	84.667			1.979 M					
2.400	88.667			1.727 M					
2.450	92.667			1.596 M					
2.460	93.436			1.586 M					
2.485	95.495			1.570 M					
2.500	96.667			1.572 M					
2.550	100.667			1.627 M					
2.585	103.436			1.672 M					
2.600	104.667			1.719 M					
2.650	108.667			1.979 M					
2.700	112.667			2.443 M					
2.710	113.436			2.576 M					

Controlling Rating for
 Exterior Girder in Positive
 Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.750	116.667			3.273 M					
2.766	117.937			3.666 M					
2.800	120.667			3.133 M					
2.835	123.436			2.193 M					
2.850	124.667			1.971 M					
2.888	127.667			1.449 M					
2.900	128.667			2.762 M					
2.917	130.051			2.373 M					
2.950	132.667			1.803 M					
3.000	136.667			1.199< M					
3.000	136.667			1.418 M					
3.042	140.051			1.893 M					
3.050	140.667			1.998 M					
3.085	143.436			2.562 M					
3.100	144.667			2.893 M					
3.113	145.667			1.512 M					
3.150	148.667			1.877 M					
3.200	152.667			2.443 M					
3.210	153.436			2.484 M					
3.249	156.575			3.016 M					
3.250	156.667			3.027 M					
3.300	160.667			2.670 M					
3.335	163.436			2.260 M					
3.350	164.667			2.137 M					
3.400	168.667			1.855 M					
3.450	172.667			1.707 M					
3.460	173.436			1.693 M					
3.500	176.667			1.666 M					
3.510	177.480			1.670 M					
3.550	180.667			1.701 M					
3.585	183.436			1.738 M					
3.600	184.667			1.779 M					
3.650	188.667			2.027 M					
3.700	192.667			2.480 M					
3.710	193.436			2.609 M					
3.750	196.667			3.295 M					
3.765	197.858			3.678 M					
3.800	200.667			3.145 M					
3.835	203.436			2.219 M					
3.850	204.667			2.000 M					
3.887	207.667			1.488 M					
3.900	208.667			2.795 M					
3.917	210.051			2.410 M					
3.950	212.667			1.842 M					
4.000	216.667			1.240 M					
4.000	216.667			1.461 M					
4.042	220.051			1.941 M					
4.050	220.667			2.047 M					
4.085	223.436			2.619 M					
4.100	224.667			2.951 M					
4.112	225.667			1.578 M					
4.150	228.667			1.967 M					
4.200	232.667			2.537 M					
4.210	233.436			2.576 M					
4.234	235.416			2.932 M					
4.250	236.667			3.090 M					
4.300	240.667			2.602 M					
4.335	243.436			2.203 M					
4.350	244.667			2.084 M					

Controlling Rating for
 Exterior Girder in Negative
 Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.400	248.667			1.812 M					
4.450	252.667			1.672 M					
4.460	253.436			1.658 M					
4.500	256.667			1.637 M					
4.503	256.877			1.637 M					
4.550	260.667			1.676 M					
4.585	263.436			1.717 M					
4.600	264.667			1.760 M					
4.650	268.667			2.014 M					
4.700	272.667			2.469 M					
4.710	273.436			2.600 M					
4.750	276.667			3.289 M					
4.765	277.892			3.674 M					
4.800	280.667			3.141 M					
4.835	283.436			2.211 M					
4.850	284.667			1.990 M					
4.887	287.667			1.477 M					
4.900	288.667			2.783 M					
4.917	290.051			2.396 M					
4.950	292.667			1.828 M					
5.000	296.667			1.229 M					
5.000	296.667			1.447 M					
5.042	300.051			1.926 M					
5.050	300.667			2.031 M					
5.085	303.436			2.600 M					
5.100	304.667			2.932 M					
5.112	305.667			1.557 M					
5.150	308.667			1.936 M					
5.200	312.667			2.508 M					
5.210	313.436			2.543 M					
5.239	315.776			2.949 M					
5.250	316.667			3.062 M					
5.300	320.667			2.621 M					
5.335	323.436			2.221 M					
5.350	324.667			2.100 M					
5.400	328.667			1.826 M					
5.450	332.667			1.684 M					
5.460	333.436			1.670 M					
5.500	336.667			1.646 M					
5.504	337.022			1.648 M					
5.550	340.667			1.686 M					
5.585	343.436			1.725 M					
5.600	344.667			1.768 M					
5.650	348.667			2.021 M					
5.700	352.667			2.477 M					
5.710	353.436			2.607 M					
5.750	356.667			3.297 M					
5.764	357.803			3.666 M					
5.800	360.667			3.139 M					
5.835	363.436			2.211 M					
5.850	364.667			1.990 M					
5.888	367.667			1.475 M					
5.900	368.667			2.783 M					
5.917	370.051			2.396 M					
5.950	372.667			1.830 M					
6.000	376.667			1.230 M					
6.000	376.667			1.449 M					
6.042	380.051			1.928 M					
6.050	380.667			2.033 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.085	383.436			2.605 M					
6.100	384.667			2.938 M					
6.112	385.667			1.562 M					
6.150	388.667			1.945 M					
6.200	392.667			2.520 M					
6.210	393.436			2.555 M					
6.237	395.651			2.941 M					
6.250	396.667			3.070 M					
6.300	400.667			2.611 M					
6.335	403.436			2.211 M					
6.350	404.667			2.092 M					
6.400	408.667			1.818 M					
6.450	412.667			1.674 M					
6.460	413.436			1.662 M					
6.500	416.667			1.639 M					
6.506	417.138			1.641 M					
6.550	420.667			1.674 M					
6.585	423.436			1.713 M					
6.600	424.667			1.756 M					
6.650	428.667			2.008 M					
6.700	432.667			2.463 M					
6.710	433.436			2.594 M					
6.750	436.667			3.281 M					
6.769	438.152			3.781 M					
6.800	440.667			3.744 M					
6.835	443.436			2.641 M					
6.850	444.667			2.379 M					
6.900	448.667			1.434 M					
6.917	450.051			2.475 M					
6.950	452.667			1.869 M					
7.000	456.667			1.238 M					
7.000	456.667			1.465 M					
7.050	459.867			1.980 M					
7.053	460.051			2.018 M					
7.100	463.067			2.715 M					
7.106	463.436			2.824 M					
7.125	464.667			1.635 M					
7.150	466.267			1.980 M					
7.200	469.467			2.480 M					
7.250	472.667			2.498 M					
7.262	473.436			2.619 M					
7.281	474.643			2.785 M					
7.300	475.867			2.932 M					
7.350	479.067			2.566 M					
7.400	482.267			2.133 M					
7.418	483.436			2.016 M					
7.450	485.467			1.871 M					
7.500	488.667			1.740 M					
7.550	491.867			1.689 M					
7.575	493.436			1.648 M					
7.600	495.067			1.598 M					
7.643	497.789			1.572 M					
7.650	498.267			1.566 M					
7.700	501.467			1.613 M					
7.731	503.436			1.686 M					
7.750	504.667			1.752 M					
7.800	507.867			2.062 M					
7.850	511.067			2.672 M					
7.865	512.051			2.973 M					
7.900	514.267			3.879 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.950	517.467			7.592	M				
7.994	520.309			7.363	V				
8.000	520.667			7.307	V				
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			10.000					
1.000	0.678			10.000					
1.049	3.385			10.000					
1.050	3.467			10.000					
1.100	6.267			5.785	M				
1.109	6.770			5.348	M				
1.150	9.067			3.945	M				
1.169	10.155			3.551	M				
1.200	11.867			3.051	M				
1.203	12.051			3.014	M				
1.230	13.540			2.709	M				
1.248	14.564			2.545	M				
1.250	14.667			2.529	M				
1.300	17.467			2.234	M				
1.350	20.267			2.055	M				
1.352	20.361			2.053	M				
1.400	23.067			1.969	M				
1.407	23.436			1.963	M				
1.450	25.867			1.992	M				
1.500	28.667			2.084	M				
1.550	31.467			2.250	M				
1.585	33.436			2.428	M				
1.600	34.267			2.512	M				
1.650	37.067			2.910	M				
1.686	39.109			3.334	M				
1.700	39.867			3.504	M				
1.750	42.667			3.119	M				
1.764	43.436			2.682	M				
1.800	45.467			2.402	M				
1.850	48.267			1.941	M				
1.882	50.051			1.635	M				
1.893	50.667			1.520	M				
1.900	51.067			2.520	M				
1.950	53.867			1.893	M				
2.000	56.667			1.416	M				
2.000	56.667			1.670	M				
2.042	60.051			2.279	M				
2.050	60.667			2.412	M				
2.075	62.667			1.727	M				
2.085	63.436			1.887	M				
2.100	64.667			2.188	M				
2.150	68.667			3.406	M				

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.200	72.667			5.262 M					
2.202	72.818			5.203 M					
2.210	73.436			4.818 M					
2.250	76.667			3.314 M					
2.300	80.667			2.379 M					
2.335	83.436			2.004 M					
2.350	84.667			1.891 M					
2.400	88.667			1.645 M					
2.450	92.667			1.518 M					
2.460	93.436			1.506 M					
2.485	95.495			1.484 M					
2.500	96.667			1.480 M					
2.550	100.667			1.516 M					
2.585	103.436			1.568 M					
2.600	104.667			1.613 M					
2.650	108.667			1.863 M					
2.700	112.667			2.291 M					
2.710	113.436			2.410 M					
2.750	116.667			3.041 M					
2.766	117.937			3.416 M					
2.800	120.667			3.230 M					
2.835	123.436			2.250 M					
2.850	124.667			1.963 M					
2.888	127.667			1.408 M					
2.900	128.667			2.754 M					
2.917	130.051			2.445 M					
2.950	132.667			1.893 M					
3.000	136.667			1.283« M					
3.000	136.667			1.520 M					
3.042	140.051			2.008 M					
3.050	140.667			2.113 M					
3.085	143.436			2.682 M					
3.100	144.667			2.971 M					
3.113	145.667			1.521 M					
3.150	148.667			2.078 M					
3.200	152.667			2.611 M					
3.210	153.436			2.617 M					
3.249	156.575			3.104 M					
3.250	156.667			3.115 M					
3.300	160.667			2.561 M					
3.335	163.436			2.162 M					
3.350	164.667			2.039 M					
3.400	168.667			1.768 M					
3.450	172.667			1.621 M					
3.460	173.436			1.607 M					
3.500	176.667			1.568 M					
3.510	177.480			1.568 M					
3.550	180.667			1.586 M					
3.585	183.436			1.631 M					
3.600	184.667			1.672 M					
3.650	188.667			1.910 M					
3.700	192.667			2.324 M					
3.710	193.436			2.441 M					
3.750	196.667			3.061 M					
3.765	197.858			3.404 M					
3.800	200.667			3.244 M					
3.835	203.436			2.273 M					
3.850	204.667			1.992 M					
3.887	207.667			1.445 M					
3.900	208.667			2.791 M					

Controlling Rating for
Exterior Girder in Positive
Moment Region:Inventory

Controlling Rating for
Exterior Girder in Negative
Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.917	210.051			2.488 M					
3.950	212.667			1.936 M					
4.000	216.667			1.330 M					
4.000	216.667			1.564 M					
4.042	220.051			2.059 M					
4.050	220.667			2.164 M					
4.085	223.436			2.738 M					
4.100	224.667			3.029 M					
4.112	225.667			1.588 M					
4.150	228.667			2.150 M					
4.200	232.667			2.711 M					
4.210	233.436			2.713 M					
4.234	235.416			3.006 M					
4.250	236.667			3.178 M					
4.300	240.667			2.494 M					
4.335	243.436			2.107 M					
4.350	244.667			1.988 M					
4.400	248.667			1.727 M					
4.450	252.667			1.588 M					
4.460	253.436			1.574 M					
4.500	256.667			1.541 M					
4.503	256.877			1.541 M					
4.550	260.667			1.564 M					
4.585	263.436			1.609 M					
4.600	264.667			1.654 M					
4.650	268.667			1.895 M					
4.700	272.667			2.314 M					
4.710	273.436			2.432 M					
4.750	276.667			3.057 M					
4.765	277.892			3.412 M					
4.800	280.667			3.240 M					
4.835	283.436			2.266 M					
4.850	284.667			1.982 M					
4.887	287.667			1.434 M					
4.900	288.667			2.779 M					
4.917	290.051			2.471 M					
4.950	292.667			1.922 M					
5.000	296.667			1.314 M					
5.000	296.667			1.551 M					
5.042	300.051			2.043 M					
5.050	300.667			2.148 M					
5.085	303.436			2.719 M					
5.100	304.667			3.010 M					
5.112	305.667			1.566 M					
5.150	308.667			2.127 M					
5.200	312.667			2.676 M					
5.210	313.436			2.680 M					
5.239	315.776			3.033 M					
5.250	316.667			3.150 M					
5.300	320.667			2.514 M					
5.335	323.436			2.123 M					
5.350	324.667			2.004 M					
5.400	328.667			1.740 M					
5.450	332.667			1.600 M					
5.460	333.436			1.586 M					
5.500	336.667			1.551 M					
5.504	337.022			1.551 M					
5.550	340.667			1.572 M					
5.585	343.436			1.619 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.600	344.667			1.662 M					
5.650	348.667			1.902 M					
5.700	352.667			2.322 M					
5.710	353.436			2.438 M					
5.750	356.667			3.062 M					
5.764	357.803			3.391 M					
5.800	360.667			3.238 M					
5.835	363.436			2.266 M					
5.850	364.667			1.980 M					
5.888	367.667			1.434 M					
5.900	368.667			2.779 M					
5.917	370.051			2.473 M					
5.950	372.667			1.922 M					
6.000	376.667			1.316 M					
6.000	376.667			1.553 M					
6.042	380.051			2.045 M					
6.050	380.667			2.150 M					
6.085	383.436			2.725 M					
6.100	384.667			3.016 M					
6.112	385.667			1.572 M					
6.150	388.667			2.133 M					
6.200	392.667			2.689 M					
6.210	393.436			2.691 M					
6.237	395.651			3.023 M					
6.250	396.667			3.158 M					
6.300	400.667			2.504 M					
6.335	403.436			2.115 M					
6.350	404.667			1.996 M					
6.400	408.667			1.732 M					
6.450	412.667			1.590 M					
6.460	413.436			1.576 M					
6.500	416.667			1.541 M					
6.506	417.138			1.541 M					
6.550	420.667			1.562 M					
6.585	423.436			1.607 M					
6.600	424.667			1.650 M					
6.650	428.667			1.891 M					
6.700	432.667			2.309 M					
6.710	433.436			2.426 M					
6.750	436.667			3.053 M					
6.769	438.152			3.496 M					
6.800	440.667			3.871 M					
6.835	443.436			2.660 M					
6.850	444.667			2.330 M					
6.900	448.667			1.488 M					
6.917	450.051			2.605 M					
6.950	452.667			1.998 M					
7.000	456.667			1.346 M					
7.000	456.667			1.592 M					
7.050	459.867			2.127 M					
7.053	460.051			2.164 M					
7.100	463.067			2.836 M					
7.106	463.436			2.936 M					
7.125	464.667			1.662 M					
7.150	466.267			1.961 M					
7.200	469.467			2.455 M					
7.250	472.667			2.557 M					
7.262	473.436			2.680 M					
7.281	474.643			2.859 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.300	475.867			3.018 M					
7.350	479.067			2.500 M					
7.400	482.267			2.037 M					
7.418	483.436			1.920 M					
7.450	485.467			1.779 M					
7.500	488.667			1.631 M					
7.550	491.867			1.537 M					
7.575	493.436			1.508 M					
7.600	495.067			1.482 M					
7.643	497.789			1.473 M					
7.650	498.267			1.471 M					
7.700	501.467			1.535 M					
7.731	503.436			1.625 M					
7.750	504.667			1.715 M					
7.800	507.867			2.062 M					
7.850	511.067			2.719 M					
7.865	512.051			3.027 M					
7.900	514.267			4.023 M					
7.950	517.467			7.982 M					
7.994	520.309			7.889 V					
8.000	520.667			7.840 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			10.000					
1.000	0.678			10.000					
1.049	3.385			10.000					
1.050	3.467			10.000					
1.100	6.267			5.686 M					
1.109	6.770			5.252 M					
1.150	9.067			3.861 M					
1.169	10.155			3.469 M					
1.200	11.867			2.975 M					
1.203	12.051			2.938 M					
1.230	13.540			2.637 M					
1.248	14.564			2.473 M					
1.250	14.667			2.459 M					
1.300	17.467			2.164 M					
1.350	20.267			1.986 M					
1.352	20.361			1.982 M					
1.400	23.067			1.893 M					
1.407	23.436			1.887 M					
1.450	25.867			1.918 M					
1.500	28.667			2.029 M					
1.550	31.467			2.189 M					
1.585	33.436			2.344 M					
1.600	34.267			2.420 M					
1.650	37.067			2.795 M					
1.686	39.109			3.219 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.700	39.867			3.393 M					
1.750	42.667			3.074 M					
1.764	43.436			2.643 M					
1.800	45.467			2.375 M					
1.850	48.267			1.916 M					
1.882	50.051			1.570 M					
1.893	50.667			1.453 M					
1.900	51.067			2.412 M					
1.950	53.867			1.764 M					
2.000	56.667			1.291 M					
2.000	56.667			1.523 M					
2.042	60.051			2.096 M					
2.050	60.667			2.217 M					
2.075	62.667			1.582 M					
2.085	63.436			1.732 M					
2.100	64.667			2.018 M					
2.150	68.667			3.387 M					
2.200	72.667			5.164 M					
2.202	72.818			5.107 M					
2.210	73.436			4.693 M					
2.250	76.667			3.266 M					
2.300	80.667			2.354 M					
2.335	83.436			1.982 M					
2.350	84.667			1.873 M					
2.400	88.667			1.625 M					
2.450	92.667			1.492 M					
2.460	93.436			1.479 M					
2.485	95.495			1.455 M					
2.500	96.667			1.449 M					
2.550	100.667			1.482 M					
2.585	103.436			1.539 M					
2.600	104.667			1.588 M					
2.650	108.667			1.838 M					
2.700	112.667			2.264 M					
2.710	113.436			2.379 M					
2.750	116.667			3.000 M					
2.766	117.937			3.359 M					
2.800	120.667			3.236 M					
2.835	123.436			2.391 M					
2.850	124.667			2.125 M					
2.888	127.667			1.461 M					
2.900	128.667			2.809 M					
2.917	130.051			2.422 M					
2.950	132.667			1.840 M					
3.000	136.667			1.229« M					
3.000	136.667			1.455 M					
3.042	140.051			1.947 M					
3.050	140.667			2.055 M					
3.085	143.436			2.641 M					
3.100	144.667			2.986 M					
3.113	145.667			1.555 M					
3.150	148.667			2.193 M					
3.200	152.667			2.445 M					
3.210	153.436			2.576 M					
3.249	156.575			3.053 M					
3.250	156.667			3.084 M					
3.300	160.667			2.535 M					
3.335	163.436			2.141 M					
3.350	164.667			2.020 M					

Controlling Rating for
 Exterior Girder in Positive
 Moment Region:Inventory

Controlling Rating for
 Exterior Girder in Negative
 Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs << = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.400	168.667			1.746 M					
3.450	172.667			1.596 M					
3.460	173.436			1.578 M					
3.500	176.667			1.535 M					
3.510	177.480			1.533 M					
3.550	180.667			1.555 M					
3.585	183.436			1.602 M					
3.600	184.667			1.646 M					
3.650	188.667			1.885 M					
3.700	192.667			2.297 M					
3.710	193.436			2.412 M					
3.750	196.667			3.018 M					
3.765	197.858			3.348 M					
3.800	200.667			3.256 M					
3.835	203.436			2.420 M					
3.850	204.667			2.158 M					
3.887	207.667			1.502 M					
3.900	208.667			2.846 M					
3.917	210.051			2.463 M					
3.950	212.667			1.883 M					
4.000	216.667			1.273 M					
4.000	216.667			1.498 M					
4.042	220.051			1.998 M					
4.050	220.667			2.105 M					
4.085	223.436			2.699 M					
4.100	224.667			3.049 M					
4.112	225.667			1.621 M					
4.150	228.667			2.271 M					
4.200	232.667			2.531 M					
4.210	233.436			2.662 M					
4.234	235.416			2.963 M					
4.250	236.667			3.148 M					
4.300	240.667			2.469 M					
4.335	243.436			2.086 M					
4.350	244.667			1.969 M					
4.400	248.667			1.707 M					
4.450	252.667			1.562 M					
4.460	253.436			1.547 M					
4.500	256.667			1.508 M					
4.503	256.877			1.508 M					
4.550	260.667			1.533 M					
4.585	263.436			1.582 M					
4.600	264.667			1.627 M					
4.650	268.667			1.869 M					
4.700	272.667			2.287 M					
4.710	273.436			2.402 M					
4.750	276.667			3.014 M					
4.765	277.892			3.355 M					
4.800	280.667			3.252 M					
4.835	283.436			2.412 M					
4.850	284.667			2.148 M					
4.887	287.667			1.488 M					
4.900	288.667			2.832 M					
4.917	290.051			2.449 M					
4.950	292.667			1.869 M					
5.000	296.667			1.260 M					
5.000	296.667			1.484 M					
5.042	300.051			1.982 M					
5.050	300.667			2.090 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.085	303.436			2.680 M					
5.100	304.667			3.027 M					
5.112	305.667			1.600 M					
5.150	308.667			2.246 M					
5.200	312.667			2.502 M					
5.210	313.436			2.631 M					
5.239	315.776			2.984 M					
5.250	316.667			3.119 M					
5.300	320.667			2.488 M					
5.335	323.436			2.102 M					
5.350	324.667			1.984 M					
5.400	328.667			1.719 M					
5.450	332.667			1.574 M					
5.460	333.436			1.559 M					
5.500	336.667			1.518 M					
5.504	337.022			1.518 M					
5.550	340.667			1.541 M					
5.585	343.436			1.590 M					
5.600	344.667			1.635 M					
5.650	348.667			1.877 M					
5.700	352.667			2.293 M					
5.710	353.436			2.408 M					
5.750	356.667			3.020 M					
5.764	357.803			3.336 M					
5.800	360.667			3.250 M					
5.835	363.436			2.410 M					
5.850	364.667			2.146 M					
5.888	367.667			1.488 M					
5.900	368.667			2.832 M					
5.917	370.051			2.449 M					
5.950	372.667			1.871 M					
6.000	376.667			1.262 M					
6.000	376.667			1.486 M					
6.042	380.051			1.984 M					
6.050	380.667			2.092 M					
6.085	383.436			2.684 M					
6.100	384.667			3.033 M					
6.112	385.667			1.605 M					
6.150	388.667			2.252 M					
6.200	392.667			2.510 M					
6.210	393.436			2.641 M					
6.237	395.651			2.977 M					
6.250	396.667			3.129 M					
6.300	400.667			2.479 M					
6.335	403.436			2.094 M					
6.350	404.667			1.977 M					
6.400	408.667			1.711 M					
6.450	412.667			1.564 M					
6.460	413.436			1.549 M					
6.500	416.667			1.508 M					
6.506	417.138			1.508 M					
6.550	420.667			1.531 M					
6.585	423.436			1.580 M					
6.600	424.667			1.625 M					
6.650	428.667			1.865 M					
6.700	432.667			2.281 M					
6.710	433.436			2.396 M					
6.750	436.667			3.010 M					
6.769	438.152			3.436 M					
6.800	440.667			3.832 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MaineDOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.835	443.436			2.779 M					
6.850	444.667			2.404 M					
6.900	448.667			1.441 M					
6.917	450.051			2.484 M					
6.950	452.667			1.873 M					
7.000	456.667			1.240 M					
7.000	456.667			1.467 M					
7.050	459.867			1.980 M					
7.053	460.051			2.020 M					
7.100	463.067			2.701 M					
7.106	463.436			2.805 M					
7.125	464.667			1.617 M					
7.150	466.267			1.963 M					
7.200	469.467			2.102 M					
7.250	472.667			2.520 M					
7.262	473.436			2.643 M					
7.281	474.643			2.818 M					
7.300	475.867			2.992 M					
7.350	479.067			2.457 M					
7.400	482.267			1.986 M					
7.418	483.436			1.863 M					
7.450	485.467			1.713 M					
7.500	488.667			1.557 M					
7.550	491.867			1.475 M					
7.575	493.436			1.455 M					
7.600	495.067			1.434 M					
7.643	497.789			1.432 M					
7.650	498.267			1.432 M					
7.700	501.467			1.500 M					
7.731	503.436			1.590 M					
7.750	504.667			1.682 M					
7.800	507.867			2.023 M					
7.850	511.067			2.676 M					
7.865	512.051			2.980 M					
7.900	514.267			3.971 M					
7.950	517.467			7.906 M					
7.994	520.309			7.705 V					
8.000	520.667			7.645 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

Refined Analysis Point

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MaineDOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			9.488 V					
1.000	0.678			9.488 V					
1.049	3.385			9.572 V					
1.050	3.467			9.580 V					
1.100	6.267			5.375 M					
1.109	6.770			4.973 M					
1.150	9.067			3.672 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.169	10.155			3.307 M					
1.200	11.867			2.877 M					
1.203	12.051			2.850 M					
1.230	13.540			2.598 M					
1.248	14.564			2.443 M					
1.250	14.667			2.430 M					
1.300	17.467			2.150 M					
1.350	20.267			2.008 M					
1.352	20.361			2.006 M					
1.400	23.067			1.961 M					
1.407	23.436			1.961 M					
1.450	25.867			2.014 M					
1.500	28.667			2.100 M					
1.550	31.467			2.258 M					
1.585	33.436			2.445 M					
1.600	34.267			2.535 M					
1.650	37.067			2.920 M					
1.686	39.109			3.318 M					
1.700	39.867			3.479 M					
1.750	42.667			3.109 M					
1.764	43.436			2.672 M					
1.800	45.467			2.400 M					
1.850	48.267			1.934 M					
1.882	50.051			1.584 M					
1.893	50.667			1.469 M					
1.900	51.067			2.443 M					
1.950	53.867			1.787 M					
2.000	56.667			1.320 M					
2.000	56.667			1.557 M					
2.042	60.051			2.113 M					
2.050	60.667			2.236 M					
2.075	62.667			1.609 M					
2.085	63.436			1.762 M					
2.100	64.667			2.051 M					
2.150	68.667			3.389 M					
2.200	72.667			5.248 M					
2.202	72.818			5.197 M					
2.210	73.436			4.770 M					
2.250	76.667			3.301 M					
2.300	80.667			2.393 M					
2.335	83.436			2.027 M					
2.350	84.667			1.918 M					
2.400	88.667			1.680 M					
2.450	92.667			1.547 M					
2.460	93.436			1.529 M					
2.485	95.495			1.498 M					
2.500	96.667			1.488 M					
2.550	100.667			1.512 M					
2.585	103.436			1.582 M					
2.600	104.667			1.635 M					
2.650	108.667			1.910 M					
2.700	112.667			2.355 M					
2.710	113.436			2.477 M					
2.750	116.667			3.111 M					
2.766	117.937			3.488 M					
2.800	120.667			3.273 M					
2.835	123.436			2.393 M					
2.850	124.667			2.111 M					
2.888	127.667			1.463 M					
2.900	128.667			2.816 M					

Controlling Rating for
 Exterior Girder in Positive
 Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.917	130.051			2.449 M					
2.950	132.667			1.861 M					
3.000	136.667			1.238< M					
3.000	136.667			1.467 M					
3.042	140.051			1.969 M					
3.050	140.667			2.080 M					
3.085	143.436			2.670 M					
3.100	144.667			2.994 M					
3.113	145.667			1.555 M					
3.150	148.667			2.199 M					
3.200	152.667			2.471 M					
3.210	153.436			2.604 M					
3.249	156.575			3.086 M					
3.250	156.667			3.107 M					
3.300	160.667			2.578 M					
3.335	163.436			2.189 M					
3.350	164.667			2.070 M					
3.400	168.667			1.807 M					
3.450	172.667			1.650 M					
3.460	173.436			1.631 M					
3.500	176.667			1.576 M					
3.510	177.480			1.574 M					
3.550	180.667			1.586 M					
3.585	183.436			1.646 M					
3.600	184.667			1.695 M					
3.650	188.667			1.959 M					
3.700	192.667			2.391 M					
3.710	193.436			2.508 M					
3.750	196.667			3.131 M					
3.765	197.858			3.479 M					
3.800	200.667			3.291 M					
3.835	203.436			2.420 M					
3.850	204.667			2.143 M					
3.887	207.667			1.504 M					
3.900	208.667			2.855 M					
3.917	210.051			2.492 M					
3.950	212.667			1.906 M					
4.000	216.667			1.283 M					
4.000	216.667			1.512 M					
4.042	220.051			2.020 M					
4.050	220.667			2.133 M					
4.085	223.436			2.729 M					
4.100	224.667			3.055 M					
4.112	225.667			1.621 M					
4.150	228.667			2.277 M					
4.200	232.667			2.557 M					
4.210	233.436			2.689 M					
4.234	235.416			2.994 M					
4.250	236.667			3.172 M					
4.300	240.667			2.512 M					
4.335	243.436			2.135 M					
4.350	244.667			2.020 M					
4.400	248.667			1.766 M					
4.450	252.667			1.617 M					
4.460	253.436			1.598 M					
4.500	256.667			1.549 M					
4.503	256.877			1.549 M					
4.550	260.667			1.562 M					
4.585	263.436			1.627 M					

Controlling Rating for
 Exterior Girder in Negative
 Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.600	264.667			1.678 M					
4.650	268.667			1.945 M					
4.700	272.667			2.381 M					
4.710	273.436			2.500 M					
4.750	276.667			3.127 M					
4.765	277.892			3.486 M					
4.800	280.667			3.287 M					
4.835	283.436			2.412 M					
4.850	284.667			2.133 M					
4.887	287.667			1.490 M					
4.900	288.667			2.842 M					
4.917	290.051			2.479 M					
4.950	292.667			1.891 M					
5.000	296.667			1.270 M					
5.000	296.667			1.496 M					
5.042	300.051			2.004 M					
5.050	300.667			2.115 M					
5.085	303.436			2.709 M					
5.100	304.667			3.035 M					
5.112	305.667			1.600 M					
5.150	308.667			2.252 M					
5.200	312.667			2.527 M					
5.210	313.436			2.658 M					
5.239	315.776			3.014 M					
5.250	316.667			3.145 M					
5.300	320.667			2.531 M					
5.335	323.436			2.152 M					
5.350	324.667			2.035 M					
5.400	328.667			1.779 M					
5.450	332.667			1.629 M					
5.460	333.436			1.609 M					
5.500	336.667			1.559 M					
5.504	337.022			1.559 M					
5.550	340.667			1.572 M					
5.585	343.436			1.635 M					
5.600	344.667			1.686 M					
5.650	348.667			1.953 M					
5.700	352.667			2.387 M					
5.710	353.436			2.506 M					
5.750	356.667			3.133 M					
5.764	357.803			3.465 M					
5.800	360.667			3.285 M					
5.835	363.436			2.410 M					
5.850	364.667			2.133 M					
5.888	367.667			1.490 M					
5.900	368.667			2.842 M					
5.917	370.051			2.479 M					
5.950	372.667			1.893 M					
6.000	376.667			1.271 M					
6.000	376.667			1.498 M					
6.042	380.051			2.006 M					
6.050	380.667			2.119 M					
6.085	383.436			2.715 M					
6.100	384.667			3.039 M					
6.112	385.667			1.605 M					
6.150	388.667			2.260 M					
6.200	392.667			2.535 M					
6.210	393.436			2.668 M					
6.237	395.651			3.006 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.250	396.667			3.152 M					
6.300	400.667			2.521 M					
6.335	403.436			2.143 M					
6.350	404.667			2.027 M					
6.400	408.667			1.771 M					
6.450	412.667			1.619 M					
6.460	413.436			1.602 M					
6.500	416.667			1.549 M					
6.506	417.138			1.547 M					
6.550	420.667			1.562 M					
6.585	423.436			1.625 M					
6.600	424.667			1.674 M					
6.650	428.667			1.941 M					
6.700	432.667			2.373 M					
6.710	433.436			2.492 M					
6.750	436.667			3.119 M					
6.769	438.152			3.566 M					
6.800	440.667			3.881 M					
6.835	443.436			2.771 M					
6.850	444.667			2.412 M					
6.900	448.667			1.451 M					
6.917	450.051			2.523 M					
6.950	452.667			1.893 M					
7.000	456.667			1.252 M					
7.000	456.667			1.480 M					
7.050	459.867			1.996 M					
7.053	460.051			2.045 M					
7.100	463.067			2.742 M					
7.106	463.436			2.848 M					
7.125	464.667			1.627 M					
7.150	466.267			1.969 M					
7.200	469.467			2.328 M					
7.250	472.667			2.545 M					
7.262	473.436			2.670 M					
7.281	474.643			2.846 M					
7.300	475.867			3.012 M					
7.350	479.067			2.475 M					
7.400	482.267			2.027 M					
7.418	483.436			1.914 M					
7.450	485.467			1.777 M					
7.500	488.667			1.611 M					
7.550	491.867			1.506 M					
7.575	493.436			1.484 M					
7.600	495.067			1.473 M					
7.643	497.789			1.498 M					
7.650	498.267			1.502 M					
7.700	501.467			1.539 M					
7.731	503.436			1.607 M					
7.750	504.667			1.678 M					
7.800	507.867			2.000 M					
7.850	511.067			2.586 M					
7.865	512.051			2.861 M					
7.900	514.267			3.762 M					
7.950	517.467			7.445 M					
7.994	520.309			7.330 V					
8.000	520.667			7.283 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			10.000					
1.000	0.678			10.000					
1.049	3.385			10.000					
1.050	3.467			10.000					
1.100	6.267			5.775	M				
1.109	6.770			5.336	M				
1.150	9.067			3.920	M				
1.169	10.155			3.521	M				
1.200	11.867			3.020	M				
1.203	12.051			2.982	M				
1.230	13.540			2.674	M				
1.248	14.564			2.508	M				
1.250	14.667			2.494	M				
1.300	17.467			2.193	M				
1.350	20.267			2.037	M				
1.352	20.361			2.035	M				
1.400	23.067			1.971	M				
1.407	23.436			1.965	M				
1.450	25.867			1.996	M				
1.500	28.667			2.111	M				
1.550	31.467			2.279	M				
1.585	33.436			2.438	M				
1.600	34.267			2.516	M				
1.650	37.067			2.908	M				
1.686	39.109			3.344	M				
1.700	39.867			3.510	M				
1.750	42.667			3.154	M				
1.764	43.436			2.711	M				
1.800	45.467			2.438	M				
1.850	48.267			1.951	M				
1.882	50.051			1.623	M				
1.893	50.667			1.508	M				
1.900	51.067			2.504	M				
1.950	53.867			1.814	M				
2.000	56.667			1.322	M				
2.000	56.667			1.559	M				
2.042	60.051			2.154	M				
2.050	60.667			2.285	M				
2.075	62.667			1.641	M				
2.085	63.436			1.795	M				
2.100	64.667			2.088	M				
2.150	68.667			3.537	M				
2.200	72.667			5.320	M				
2.202	72.818			5.268	M				
2.210	73.436			4.830	M				
2.250	76.667			3.338	M				
2.300	80.667			2.414	M				
2.335	83.436			2.045	M				
2.350	84.667			1.934	M				
2.400	88.667			1.676	M				
2.450	92.667			1.537	M				
2.460	93.436			1.523	M				
2.485	95.495			1.498	M				
2.500	96.667			1.494	M				
2.550	100.667			1.529	M				
2.585	103.436			1.586	M				

Controlling Rating for
 Exterior Girder in Positive
 Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.600	104.667			1.635 M					
2.650	108.667			1.895 M					
2.700	112.667			2.338 M					
2.710	113.436			2.461 M					
2.750	116.667			3.111 M					
2.766	117.937			3.494 M					
2.800	120.667			3.318 M					
2.835	123.436			2.412 M					
2.850	124.667			2.164 M					
2.888	127.667			1.504 M					
2.900	128.667			2.887 M					
2.917	130.051			2.484 M					
2.950	132.667			1.895 M					
3.000	136.667			1.252« M					
3.000	136.667			1.482 M					
3.042	140.051			1.990 M					
3.050	140.667			2.102 M					
3.085	143.436			2.705 M					
3.100	144.667			3.062 M					
3.113	145.667			1.602 M					
3.150	148.667			2.240 M					
3.200	152.667			2.492 M					
3.210	153.436			2.635 M					
3.249	156.575			3.115 M					
3.250	156.667			3.135 M					
3.300	160.667			2.602 M					
3.335	163.436			2.207 M					
3.350	164.667			2.088 M					
3.400	168.667			1.801 M					
3.450	172.667			1.643 M					
3.460	173.436			1.627 M					
3.500	176.667			1.582 M					
3.510	177.480			1.582 M					
3.550	180.667			1.604 M					
3.585	183.436			1.650 M					
3.600	184.667			1.695 M					
3.650	188.667			1.943 M					
3.700	192.667			2.373 M					
3.710	193.436			2.494 M					
3.750	196.667			3.131 M					
3.765	197.858			3.482 M					
3.800	200.667			3.338 M					
3.835	203.436			2.441 M					
3.850	204.667			2.197 M					
3.887	207.667			1.545 M					
3.900	208.667			2.926 M					
3.917	210.051			2.527 M					
3.950	212.667			1.930 M					
4.000	216.667			1.299 M					
4.000	216.667			1.527 M					
4.042	220.051			2.041 M					
4.050	220.667			2.154 M					
4.085	223.436			2.768 M					
4.100	224.667			3.127 M					
4.112	225.667			1.672 M					
4.150	228.667			2.320 M					
4.200	232.667			2.580 M					
4.210	233.436			2.723 M					
4.234	235.416			3.033 M					

Controlling Rating for
 Exterior Girder in Negative
 Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.250	236.667			3.199 M					
4.300	240.667			2.535 M					
4.335	243.436			2.152 M					
4.350	244.667			2.035 M					
4.400	248.667			1.760 M					
4.450	252.667			1.609 M					
4.460	253.436			1.594 M					
4.500	256.667			1.555 M					
4.503	256.877			1.555 M					
4.550	260.667			1.580 M					
4.585	263.436			1.629 M					
4.600	264.667			1.678 M					
4.650	268.667			1.928 M					
4.700	272.667			2.363 M					
4.710	273.436			2.484 M					
4.750	276.667			3.127 M					
4.765	277.892			3.490 M					
4.800	280.667			3.334 M					
4.835	283.436			2.432 M					
4.850	284.667			2.188 M					
4.887	287.667			1.533 M					
4.900	288.667			2.912 M					
4.917	290.051			2.512 M					
4.950	292.667			1.924 M					
5.000	296.667			1.283 M					
5.000	296.667			1.514 M					
5.042	300.051			2.025 M					
5.050	300.667			2.137 M					
5.085	303.436			2.746 M					
5.100	304.667			3.107 M					
5.112	305.667			1.650 M					
5.150	308.667			2.293 M					
5.200	312.667			2.549 M					
5.210	313.436			2.691 M					
5.239	315.776			3.053 M					
5.250	316.667			3.170 M					
5.300	320.667			2.557 M					
5.335	323.436			2.170 M					
5.350	324.667			2.053 M					
5.400	328.667			1.773 M					
5.450	332.667			1.621 M					
5.460	333.436			1.605 M					
5.500	336.667			1.564 M					
5.504	337.022			1.564 M					
5.550	340.667			1.590 M					
5.585	343.436			1.639 M					
5.600	344.667			1.686 M					
5.650	348.667			1.936 M					
5.700	352.667			2.369 M					
5.710	353.436			2.490 M					
5.750	356.667			3.133 M					
5.764	357.803			3.469 M					
5.800	360.667			3.332 M					
5.835	363.436			2.432 M					
5.850	364.667			2.188 M					
5.888	367.667			1.531 M					
5.900	368.667			2.912 M					
5.917	370.051			2.512 M					
5.950	372.667			1.926 M					
6.000	376.667			1.285 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.000	376.667			1.516 M					
6.042	380.051			2.027 M					
6.050	380.667			2.141 M					
6.085	383.436			2.750 M					
6.100	384.667			3.111 M					
6.112	385.667			1.656 M					
6.150	388.667			2.299 M					
6.200	392.667			2.557 M					
6.210	393.436			2.699 M					
6.237	395.651			3.045 M					
6.250	396.667			3.180 M					
6.300	400.667			2.547 M					
6.335	403.436			2.160 M					
6.350	404.667			2.043 M					
6.400	408.667			1.766 M					
6.450	412.667			1.611 M					
6.460	413.436			1.596 M					
6.500	416.667			1.555 M					
6.506	417.138			1.555 M					
6.550	420.667			1.578 M					
6.585	423.436			1.627 M					
6.600	424.667			1.674 M					
6.650	428.667			1.924 M					
6.700	432.667			2.357 M					
6.710	433.436			2.479 M					
6.750	436.667			3.123 M					
6.769	438.152			3.576 M					
6.800	440.667			3.926 M					
6.835	443.436			2.799 M					
6.850	444.667			2.510 M					
6.900	448.667			1.488 M					
6.917	450.051			2.557 M					
6.950	452.667			1.920 M					
7.000	456.667			1.266 M					
7.000	456.667			1.498 M					
7.050	459.867			2.027 M					
7.053	460.051			2.066 M					
7.100	463.067			2.803 M					
7.106	463.436			2.895 M					
7.125	464.667			1.676 M					
7.150	466.267			2.000 M					
7.200	469.467			2.240 M					
7.250	472.667			2.578 M					
7.262	473.436			2.705 M					
7.281	474.643			2.885 M					
7.300	475.867			3.041 M					
7.350	479.067			2.496 M					
7.400	482.267			2.043 M					
7.418	483.436			1.928 M					
7.450	485.467			1.771 M					
7.500	488.667			1.611 M					
7.550	491.867			1.527 M					
7.575	493.436			1.510 M					
7.600	495.067			1.480 M					
7.643	497.789			1.479 M					
7.650	498.267			1.479 M					
7.700	501.467			1.551 M					
7.731	503.436			1.631 M					
7.750	504.667			1.705 M					
7.800	507.867			2.047 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.850	511.067			2.709 M					
7.865	512.051			3.020 M					
7.900	514.267			4.023 M					
7.950	517.467			7.984 M					
7.994	520.309			7.748 V					
8.000	520.667			7.689 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			9.592 V					
1.000	0.678			9.592 V					
1.049	3.385			9.678 V					
1.050	3.467			9.688 V					
1.100	6.267			5.311 M					
1.109	6.770			4.889 M					
1.150	9.067			3.561 M					
1.169	10.155			3.182 M					
1.200	11.867			2.736 M					
1.203	12.051			2.705 M					
1.230	13.540			2.441 M					
1.248	14.564			2.299 M					
1.250	14.667			2.287 M					
1.300	17.467			2.031 M					
1.350	20.267			1.861 M					
1.352	20.361			1.857 M					
1.400	23.067			1.777 M					
1.407	23.436			1.771 M					
1.450	25.867			1.799 M					
1.500	28.667			1.891 M					
1.550	31.467			2.037 M					
1.585	33.436			2.189 M					
1.600	34.267			2.262 M					
1.650	37.067			2.602 M					
1.686	39.109			2.965 M					
1.700	39.867			3.109 M					
1.750	42.667			2.768 M					
1.764	43.436			2.379 M					
1.800	45.467			2.141 M					
1.850	48.267			1.828 M					
1.882	50.051			1.639 M					
1.893	50.667			1.574 M					
1.900	51.067			2.662 M					
1.950	53.867			1.953 M					
2.000	56.667			1.393 M					
2.000	56.667			1.643 M					
2.042	60.051			2.316 M					
2.050	60.667			2.461 M					
2.075	62.667			1.809 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.085	63.436			2.002 M					
2.100	64.667			2.385 M					
2.150	68.667			4.348 M					
2.200	72.667			4.395 M					
2.202	72.818			4.352 M					
2.210	73.436			4.066 M					
2.250	76.667			2.992 M					
2.300	80.667			2.232 M					
2.335	83.436			1.904 M					
2.350	84.667			1.809 M					
2.400	88.667			1.586 M					
2.450	92.667			1.463 M					
2.460	93.436			1.451 M					
2.485	95.495			1.426 M					
2.500	96.667			1.418 M					
2.550	100.667			1.441 M					
2.585	103.436			1.496 M					
2.600	104.667			1.543 M					
2.650	108.667			1.779 M					
2.700	112.667			2.164 M					
2.710	113.436			2.268 M					
2.750	116.667			2.793 M					
2.766	117.937			3.084 M					
2.800	120.667			2.924 M					
2.835	123.436			2.244 M					
2.850	124.667			2.080 M					
2.888	127.667			1.738 M					
2.900	128.667			3.543 M					
2.917	130.051			3.061 M					
2.950	132.667			2.221 M					
3.000	136.667			1.420 M					
3.000	136.667			1.680 M					
3.042	140.051			2.318 M					
3.050	140.667			2.463 M					
3.085	143.436			3.307 M					
3.100	144.667			3.803 M					
3.113	145.667			1.402 M					
3.150	148.667			1.717 M					
3.200	152.667			2.240 M					
3.210	153.436			2.357 M					
3.249	156.575			2.797 M					
3.250	156.667			3.207 M					
3.300	160.667			2.408 M					
3.335	163.436			2.059 M					
3.350	164.667			1.953 M					
3.400	168.667			1.707 M					
3.450	172.667			1.564 M					
3.460	173.436			1.549 M					
3.500	176.667			1.502 M					
3.510	177.480			1.500 M					
3.550	180.667			1.510 M					
3.585	183.436			1.557 M					
3.600	184.667			1.600 M					
3.650	188.667			1.824 M					
3.700	192.667			2.197 M					
3.710	193.436			2.297 M					
3.750	196.667			2.809 M					
3.765	197.858			3.076 M					
3.800	200.667			2.938 M					
3.835	203.436			2.273 M					

Controlling Rating for
 Exterior Girder in Positive
 Moment Region:Inventory

Controlling Rating for
 Exterior Girder in Negative
 Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.850	204.667			2.117 M					
3.887	207.667			1.791 M					
3.900	208.667			3.602 M					
3.917	210.051			3.111 M					
3.950	212.667			2.266 M					
4.000	216.667			1.473 M					
4.000	216.667			1.732 M					
4.042	220.051			2.379 M					
4.050	220.667			2.525 M					
4.085	223.436			3.371 M					
4.100	224.667			3.885 M					
4.112	225.667			1.480 M					
4.150	228.667			1.791 M					
4.200	232.667			2.311 M					
4.210	233.436			2.428 M					
4.234	235.416			2.699 M					
4.250	236.667			3.121 M					
4.300	240.667			2.346 M					
4.335	243.436			2.006 M					
4.350	244.667			1.904 M					
4.400	248.667			1.666 M					
4.450	252.667			1.531 M					
4.460	253.436			1.518 M					
4.500	256.667			1.477 M					
4.503	256.877			1.475 M					
4.550	260.667			1.488 M					
4.585	263.436			1.539 M					
4.600	264.667			1.584 M					
4.650	268.667			1.811 M					
4.700	272.667			2.188 M					
4.710	273.436			2.289 M					
4.750	276.667			2.805 M					
4.765	277.892			3.082 M					
4.800	280.667			2.936 M					
4.835	283.436			2.266 M					
4.850	284.667			2.107 M					
4.887	287.667			1.775 M					
4.900	288.667			3.586 M					
4.917	290.051			3.094 M					
4.950	292.667			2.256 M					
5.000	296.667			1.457 M					
5.000	296.667			1.717 M					
5.042	300.051			2.359 M					
5.050	300.667			2.506 M					
5.085	303.436			3.352 M					
5.100	304.667			3.859 M					
5.112	305.667			1.453 M					
5.150	308.667			1.764 M					
5.200	312.667			2.283 M					
5.210	313.436			2.400 M					
5.239	315.776			2.721 M					
5.250	316.667			3.146 M					
5.300	320.667			2.365 M					
5.335	323.436			2.021 M					
5.350	324.667			1.920 M					
5.400	328.667			1.680 M					
5.450	332.667			1.543 M					
5.460	333.436			1.527 M					
5.500	336.667			1.486 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.504	337.022			1.484 M					
5.550	340.667			1.498 M					
5.585	343.436			1.547 M					
5.600	344.667			1.590 M					
5.650	348.667			1.818 M					
5.700	352.667			2.193 M					
5.710	353.436			2.295 M					
5.750	356.667			2.811 M					
5.764	357.803			3.066 M					
5.800	360.667			2.936 M					
5.835	363.436			2.268 M					
5.850	364.667			2.109 M					
5.888	367.667			1.777 M					
5.900	368.667			3.592 M					
5.917	370.051			3.096 M					
5.950	372.667			2.256 M					
6.000	376.667			1.459 M					
6.000	376.667			1.719 M					
6.042	380.051			2.361 M					
6.050	380.667			2.510 M					
6.085	383.436			3.357 M					
6.100	384.667			3.865 M					
6.112	385.667			1.461 M					
6.150	388.667			1.770 M					
6.200	392.667			2.291 M					
6.210	393.436			2.408 M					
6.237	395.651			2.713 M					
6.250	396.667			3.137 M					
6.300	400.667			2.355 M					
6.335	403.436			2.014 M					
6.350	404.667			1.910 M					
6.400	408.667			1.672 M					
6.450	412.667			1.533 M					
6.460	413.436			1.520 M					
6.500	416.667			1.477 M					
6.506	417.138			1.475 M					
6.550	420.667			1.488 M					
6.585	423.436			1.535 M					
6.600	424.667			1.580 M					
6.650	428.667			1.807 M					
6.700	432.667			2.182 M					
6.710	433.436			2.283 M					
6.750	436.667			2.801 M					
6.769	438.152			3.143 M					
6.800	440.667			3.844 M					
6.835	443.436			3.086 M					
6.850	444.667			2.871 M					
6.900	448.667			1.824 M					
6.917	450.051			3.047 M					
6.950	452.667			2.197 M					
7.000	456.667			1.393 M					
7.000	456.667			1.646 M					
7.050	459.867			2.275 M					
7.053	460.051			2.320 M					
7.100	463.067			3.236 M					
7.106	463.436			3.389 M					
7.125	464.667			1.479 M					
7.150	466.267			1.611 M					
7.200	469.467			1.908 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.250	472.667			2.295 M					
7.262	473.436			2.404 M					
7.281	474.643			2.562 M					
7.300	475.867			3.010 M					
7.350	479.067			2.348 M					
7.400	482.267			1.916 M					
7.418	483.436			1.803 M					
7.450	485.467			1.660 M					
7.500	488.667			1.506 M					
7.550	491.867			1.414 M					
7.575	493.436			1.393 M					
7.600	495.067			1.377« M					
7.643	497.789			1.377« M					
7.650	498.267			1.377« M					
7.700	501.467			1.438 M					
7.731	503.436			1.516 M					
7.750	504.667			1.596 M					
7.800	507.867			1.918 M					
7.850	511.067			2.473 M					
7.865	512.051			2.750 M					
7.900	514.267			3.666 M					
7.950	517.467			7.400 M					
7.994	520.309			7.494 V					
8.000	520.667			7.465 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			10.000					
1.000	0.678			10.000					
1.049	3.385			10.000					
1.050	3.467			10.000					
1.100	6.267			6.672 M					
1.109	6.770			6.135 M					
1.150	9.067			4.449 M					
1.169	10.155			3.967 M					
1.200	11.867			3.404 M					
1.203	12.051			3.363 M					
1.230	13.540			3.027 M					
1.248	14.564			2.848 M					
1.250	14.667			2.832 M					
1.300	17.467			2.504 M					
1.350	20.267			2.326 M					
1.352	20.361			2.322 M					
1.400	23.067			2.254 M					
1.407	23.436			2.244 M					
1.450	25.867			2.268 M					
1.500	28.667			2.371 M					
1.550	31.467			2.557 M					
1.585	33.436			2.756 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.600	34.267			2.850 M					
1.650	37.067			3.289 M					
1.686	39.109			3.748 M					
1.700	39.867			3.834 M					
1.750	42.667			3.338 M					
1.764	43.436			2.869 M					
1.800	45.467			2.580 M					
1.850	48.267			2.201 M					
1.882	50.051			1.973 M					
1.893	50.667			1.895 M					
1.900	51.067			3.205 M					
1.950	53.867			2.582 M					
2.000	56.667			1.818 M					
2.000	56.667			2.143 M					
2.042	60.051			3.045 M					
2.050	60.667			3.248 M					
2.075	62.667			2.410 M					
2.085	63.436			2.678 M					
2.100	64.667			3.219 M					
2.150	68.667			5.654 M					
2.200	72.667			5.451 M					
2.202	72.818			5.404 M					
2.210	73.436			5.055 M					
2.250	76.667			3.729 M					
2.300	80.667			2.801 M					
2.335	83.436			2.404 M					
2.350	84.667			2.285 M					
2.400	88.667			2.010 M					
2.450	92.667			1.850 M					
2.460	93.436			1.834 M					
2.485	95.495			1.799 M					
2.500	96.667			1.789 M					
2.550	100.667			1.812 M					
2.585	103.436			1.881 M					
2.600	104.667			1.941 M					
2.650	108.667			2.242 M					
2.700	112.667			2.730 M					
2.710	113.436			2.861 M					
2.750	116.667			3.520 M					
2.766	117.937			3.885 M					
2.800	120.667			3.520 M					
2.835	123.436			2.699 M					
2.850	124.667			2.504 M					
2.888	127.667			2.090 M					
2.900	128.667			4.258 M					
2.917	130.051			4.035 M					
2.950	132.667			2.949 M					
3.000	136.667			1.865 M					
3.000	136.667			2.205 M					
3.042	140.051			3.084 M					
3.050	140.667			3.279 M					
3.085	143.436			3.264 M					
3.100	144.667			3.480 M					
3.113	145.667			1.682« M					
3.150	148.667			2.053 M					
3.200	152.667			2.682 M					
3.210	153.436			2.824 M					
3.249	156.575			3.354 M					
3.250	156.667			4.002 M					

Controlling Rating for
Exterior Girder in Positive
Moment Region:Inventory

Controlling Rating for
Exterior Girder in Negative
Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.300	160.667			3.023 M					
3.335	163.436			2.598 M					
3.350	164.667			2.471 M					
3.400	168.667			2.162 M					
3.450	172.667			1.979 M					
3.460	173.436			1.957 M					
3.500	176.667			1.896 M					
3.510	177.480			1.893 M					
3.550	180.667			1.900 M					
3.585	183.436			1.957 M					
3.600	184.667			2.014 M					
3.650	188.667			2.301 M					
3.700	192.667			2.771 M					
3.710	193.436			2.898 M					
3.750	196.667			3.539 M					
3.765	197.858			3.873 M					
3.800	200.667			3.537 M					
3.835	203.436			2.736 M					
3.850	204.667			2.547 M					
3.887	207.667			2.152 M					
3.900	208.667			4.328 M					
3.917	210.051			4.113 M					
3.950	212.667			3.049 M					
4.000	216.667			1.934 M					
4.000	216.667			2.275 M					
4.042	220.051			3.166 M					
4.050	220.667			3.363 M					
4.085	223.436			3.342 M					
4.100	224.667			3.557 M					
4.112	225.667			1.775 M					
4.150	228.667			2.141 M					
4.200	232.667			2.768 M					
4.210	233.436			2.908 M					
4.234	235.416			3.236 M					
4.250	236.667			3.896 M					
4.300	240.667			2.945 M					
4.335	243.436			2.533 M					
4.350	244.667			2.408 M					
4.400	248.667			2.113 M					
4.450	252.667			1.938 M					
4.460	253.436			1.918 M					
4.500	256.667			1.863 M					
4.503	256.877			1.861 M					
4.550	260.667			1.873 M					
4.585	263.436			1.934 M					
4.600	264.667			1.992 M					
4.650	268.667			2.283 M					
4.700	272.667			2.760 M					
4.710	273.436			2.887 M					
4.750	276.667			3.533 M					
4.765	277.892			3.881 M					
4.800	280.667			3.533 M					
4.835	283.436			2.727 M					
4.850	284.667			2.535 M					
4.887	287.667			2.135 M					
4.900	288.667			4.311 M					
4.917	290.051			4.092 M					
4.950	292.667			2.998 M					
5.000	296.667			1.912 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.000	296.667			2.254 M					
5.042	300.051			3.141 M					
5.050	300.667			3.338 M					
5.085	303.436			3.309 M					
5.100	304.667			3.523 M					
5.112	305.667			1.742 M					
5.150	308.667			2.109 M					
5.200	312.667			2.734 M					
5.210	313.436			2.875 M					
5.239	315.776			3.264 M					
5.250	316.667			3.928 M					
5.300	320.667			2.969 M					
5.335	323.436			2.553 M					
5.350	324.667			2.428 M					
5.400	328.667			2.129 M					
5.450	332.667			1.951 M					
5.460	333.436			1.932 M					
5.500	336.667			1.875 M					
5.504	337.022			1.873 M					
5.550	340.667			1.883 M					
5.585	343.436			1.943 M					
5.600	344.667			2.002 M					
5.650	348.667			2.291 M					
5.700	352.667			2.768 M					
5.710	353.436			2.895 M					
5.750	356.667			3.541 M					
5.764	357.803			3.859 M					
5.800	360.667			3.535 M					
5.835	363.436			2.729 M					
5.850	364.667			2.539 M					
5.888	367.667			2.139 M					
5.900	368.667			4.318 M					
5.917	370.051			4.102 M					
5.950	372.667			2.998 M					
6.000	376.667			1.914 M					
6.000	376.667			2.256 M					
6.042	380.051			3.145 M					
6.050	380.667			3.342 M					
6.085	383.436			3.314 M					
6.100	384.667			3.529 M					
6.112	385.667			1.752 M					
6.150	388.667			2.115 M					
6.200	392.667			2.744 M					
6.210	393.436			2.885 M					
6.237	395.651			3.252 M					
6.250	396.667			3.914 M					
6.300	400.667			2.959 M					
6.335	403.436			2.543 M					
6.350	404.667			2.418 M					
6.400	408.667			2.117 M					
6.450	412.667			1.939 M					
6.460	413.436			1.920 M					
6.500	416.667			1.863 M					
6.506	417.138			1.861 M					
6.550	420.667			1.871 M					
6.585	423.436			1.932 M					
6.600	424.667			1.988 M					
6.650	428.667			2.277 M					
6.700	432.667			2.752 M					
6.710	433.436			2.881 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.750	436.667			3.531 M					
6.769	438.152			3.959 M					
6.800	440.667			4.824 M					
6.835	443.436			3.814 M					
6.850	444.667			3.553 M					
6.900	448.667			2.461 M					
6.917	450.051			4.121 M					
6.950	452.667			2.904 M					
7.000	456.667			1.822 M					
7.000	456.667			2.156 M					
7.050	459.867			3.008 M					
7.053	460.051			3.088 M					
7.100	463.067			3.984 M					
7.106	463.436			3.090 M					
7.125	464.667			1.771 M					
7.150	466.267			1.934 M					
7.200	469.467			2.289 M					
7.250	472.667			2.750 M					
7.262	473.436			2.883 M					
7.281	474.643			3.074 M					
7.300	475.867			3.723 M					
7.350	479.067			2.922 M					
7.400	482.267			2.406 M					
7.418	483.436			2.270 M					
7.450	485.467			2.104 M					
7.500	488.667			1.906 M					
7.550	491.867			1.783 M					
7.575	493.436			1.752 M					
7.600	495.067			1.729 M					
7.643	497.789			1.736 M					
7.650	498.267			1.736 M					
7.700	501.467			1.822 M					
7.731	503.436			1.908 M					
7.750	504.667			1.994 M					
7.800	507.867			2.369 M					
7.850	511.067			3.072 M					
7.865	512.051			3.420 M					
7.900	514.267			4.574 M					
7.950	517.467			9.285 M					
7.994	520.309			9.473 V					
8.000	520.667			9.439 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

Refined Analysis Point

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			10.000					
1.000	0.678			10.000					
1.049	3.385			10.000					
1.050	3.467			10.000					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.100	6.267			10.000					
1.109	6.770			9.588	M				
1.150	9.067			6.936	M				
1.169	10.155			6.174	M				
1.200	11.867			5.285	M				
1.203	12.051			5.219	M				
1.230	13.540			4.686	M				
1.248	14.564			4.402	M				
1.250	14.667			4.377	M				
1.300	17.467			3.859	M				
1.350	20.267			3.570	M				
1.352	20.361			3.566	M				
1.400	23.067			3.441	M				
1.407	23.436			3.434	M				
1.450	25.867			3.512	M				
1.500	28.667			3.715	M				
1.550	31.467			3.986	M				
1.585	33.436			4.260	M				
1.600	34.267			4.393	M				
1.650	37.067			5.020	M				
1.686	39.109			5.682	M				
1.700	39.867			5.736	M				
1.750	42.667			4.992	M				
1.764	43.436			4.291	M				
1.800	45.467			3.857	M				
1.850	48.267			3.287	M				
1.882	50.051			2.941	M				
1.893	50.667			2.824	M				
1.900	51.067			4.775	M				
1.950	53.867			4.150	M				
2.000	56.667			2.984	M				
2.000	56.667			3.516	M				
2.042	60.051			5.086	M				
2.050	60.667			5.449	M				
2.075	62.667			4.104	M				
2.085	63.436			4.592	M				
2.100	64.667			5.600	M				
2.150	68.667			8.939	M				
2.200	72.667			8.150	M				
2.202	72.818			8.080	M				
2.210	73.436			7.584	M				
2.250	76.667			5.660	M				
2.300	80.667			4.279	M				
2.335	83.436			3.676	M				
2.350	84.667			3.500	M				
2.400	88.667			3.090	M				
2.450	92.667			2.863	M				
2.460	93.436			2.840	M				
2.485	95.495			2.797	M				
2.500	96.667			2.785	M				
2.550	100.667			2.840	M				
2.585	103.436			2.951	M				
2.600	104.667			3.041	M				
2.650	108.667			3.484	M				
2.700	112.667			4.209	M				
2.710	113.436			4.402	M				
2.750	116.667			5.391	M				
2.766	117.937			5.941	M				
2.800	120.667			5.252	M				
2.835	123.436			4.027	M				

Controlling Rating for
 Exterior Girder in Positive
 Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.850	124.667			3.734 M					
2.888	127.667			3.111 M					
2.900	128.667			6.340 M					
2.917	130.051			6.000 M					
2.950	132.667			5.062 M					
3.000	136.667			3.100 M					
3.000	136.667			3.666 M					
3.042	140.051			5.207 M					
3.050	140.667			5.473 M					
3.085	143.436			4.812 M					
3.100	144.667			5.137 M					
3.113	145.667			2.498 M					
3.150	148.667			3.039 M					
3.200	152.667			3.980 M					
3.210	153.436			4.193 M					
3.249	156.575			4.973 M					
3.250	156.667			6.076 M					
3.300	160.667			4.619 M					
3.335	163.436			3.973 M					
3.350	164.667			3.781 M					
3.400	168.667			3.328 M					
3.450	172.667			3.061 M					
3.460	173.436			3.031 M					
3.500	176.667			2.953 M					
3.510	177.480			2.953 M					
3.550	180.667			2.977 M					
3.585	183.436			3.070 M					
3.600	184.667			3.152 M					
3.650	188.667			3.574 M					
3.700	192.667			4.271 M					
3.710	193.436			4.459 M					
3.750	196.667			5.422 M					
3.765	197.858			5.924 M					
3.800	200.667			5.281 M					
3.835	203.436			4.084 M					
3.850	204.667			3.803 M					
3.887	207.667			3.207 M					
3.900	208.667			6.447 M					
3.917	210.051			6.121 M					
3.950	212.667			5.180 M					
4.000	216.667			3.215 M					
4.000	216.667			3.781 M					
4.042	220.051			5.346 M					
4.050	220.667			5.578 M					
4.085	223.436			4.928 M					
4.100	224.667			5.250 M					
4.112	225.667			2.639 M					
4.150	228.667			3.170 M					
4.200	232.667			4.107 M					
4.210	233.436			4.320 M					
4.234	235.416			4.811 M					
4.250	236.667			5.914 M					
4.300	240.667			4.500 M					
4.335	243.436			3.873 M					
4.350	244.667			3.688 M					
4.400	248.667			3.250 M					
4.450	252.667			2.998 M					
4.460	253.436			2.971 M					
4.500	256.667			2.900 M					

Controlling Rating for
 Exterior Girder in Negative
 Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.503	256.877			2.900 M					
4.550	260.667			2.936 M					
4.585	263.436			3.033 M					
4.600	264.667			3.119 M					
4.650	268.667			3.547 M					
4.700	272.667			4.254 M					
4.710	273.436			4.443 M					
4.750	276.667			5.414 M					
4.765	277.892			5.936 M					
4.800	280.667			5.277 M					
4.835	283.436			4.070 M					
4.850	284.667			3.785 M					
4.887	287.667			3.180 M					
4.900	288.667			6.418 M					
4.917	290.051			6.090 M					
4.950	292.667			5.141 M					
5.000	296.667			3.180 M					
5.000	296.667			3.746 M					
5.042	300.051			5.305 M					
5.050	300.667			5.533 M					
5.085	303.436			4.881 M					
5.100	304.667			5.203 M					
5.112	305.667			2.588 M					
5.150	308.667			3.123 M					
5.200	312.667			4.059 M					
5.210	313.436			4.270 M					
5.239	315.776			4.846 M					
5.250	316.667			5.963 M					
5.300	320.667			4.537 M					
5.335	323.436			3.904 M					
5.350	324.667			3.717 M					
5.400	328.667			3.275 M					
5.450	332.667			3.020 M					
5.460	333.436			2.992 M					
5.500	336.667			2.920 M					
5.504	337.022			2.920 M					
5.550	340.667			2.951 M					
5.585	343.436			3.049 M					
5.600	344.667			3.133 M					
5.650	348.667			3.561 M					
5.700	352.667			4.266 M					
5.710	353.436			4.455 M					
5.750	356.667			5.426 M					
5.764	357.803			5.906 M					
5.800	360.667			5.279 M					
5.835	363.436			4.074 M					
5.850	364.667			3.787 M					
5.888	367.667			3.186 M					
5.900	368.667			6.432 M					
5.917	370.051			6.102 M					
5.950	372.667			5.143 M					
6.000	376.667			3.184 M					
6.000	376.667			3.750 M					
6.042	380.051			5.311 M					
6.050	380.667			5.539 M					
6.085	383.436			4.889 M					
6.100	384.667			5.211 M					
6.112	385.667			2.604 M					
6.150	388.667			3.133 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.200	392.667			4.072 M					
6.210	393.436			4.285 M					
6.237	395.651			4.834 M					
6.250	396.667			5.943 M					
6.300	400.667			4.520 M					
6.335	403.436			3.887 M					
6.350	404.667			3.699 M					
6.400	408.667			3.258 M					
6.450	412.667			3.002 M					
6.460	413.436			2.975 M					
6.500	416.667			2.902 M					
6.506	417.138			2.902 M					
6.550	420.667			2.934 M					
6.585	423.436			3.027 M					
6.600	424.667			3.111 M					
6.650	428.667			3.537 M					
6.700	432.667			4.240 M					
6.710	433.436			4.430 M					
6.750	436.667			5.402 M					
6.769	438.152			6.047 M					
6.800	440.667			7.154 M					
6.835	443.436			5.539 M					
6.850	444.667			5.156 M					
6.900	448.667			4.100 M					
6.917	450.051			7.225 M					
6.950	452.667			4.930 M					
7.000	456.667			3.021 M					
7.000	456.667			3.570 M					
7.050	459.867			4.916 M					
7.053	460.051			5.006 M					
7.100	463.067			5.883 M					
7.106	463.436			4.566 M					
7.125	464.667			2.637 M					
7.150	466.267			2.877 M					
7.200	469.467			3.412 M					
7.250	472.667			4.088 M					
7.262	473.436			4.287 M					
7.281	474.643			4.574 M					
7.300	475.867			5.686 M					
7.350	479.067			4.482 M					
7.400	482.267			3.695 M					
7.418	483.436			3.482 M					
7.450	485.467			3.225 M					
7.500	488.667			2.943 M					
7.550	491.867			2.779 M					
7.575	493.436			2.742 M					
7.600	495.067			2.723 M					
7.643	497.789			2.709 M					
7.650	498.267			2.705 M					
7.700	501.467			2.799 M					
7.731	503.436			2.930 M					
7.750	504.667			3.070 M					
7.800	507.867			3.662 M					
7.850	511.067			4.762 M					
7.865	512.051			5.311 M					
7.900	514.267			7.119 M					
7.950	517.467			10.000					
7.994	520.309			10.000					
8.000	520.667			10.000					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
FRAC	(ft)								
8.000	520.667			10.000					
8.375	520.917			10.000					

----- GIRDER 2 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
 T = 20th POINT C = CONTRAFLEXURE(0 MOMENT OR 0 SHEAR)
 H = HINGE G = GIRDER OR SLAB DIMENSION CHANGE
 S = FIELD SPLICE P = TRACE POINT
 F = FLOORBEAM (BRACED) M = PANEL MIDPOINT

* * * INPUT DATA SUMMARY - GIRDER 2 * * *

SPAN FRAC	DIST (ft)	CODES										TOP FLANGE		BOT FLANGE		WEB		SLAB	
		B	H	T	C	G	S	D	F	P	M	THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)
0.000	0.000			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	0.00	0.00
1.000	0.667	B						D				0.7940	11.945	0.7940	11.945	33.962	0.5980	56.43	56.43
1.000	0.667	B				G		D				0.7940	11.945	0.7940	11.945	33.962	0.5980	56.47	56.47
1.000	0.676				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	56.70	56.70
1.000	0.676				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	56.70	56.70
1.049	3.385											0.7940	11.945	0.7940	11.945	33.962	0.5980	121.48	121.48
1.049	3.385					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.050	3.467			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.100	6.267			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.109	6.770											0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.150	9.067			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.169	10.155											0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.173	10.359								M			0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.188	11.179											0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.200	11.867			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.250	14.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.300	17.467			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.346	20.051							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.350	20.267			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.353	20.436				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.400	23.067			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.450	25.867			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.500	28.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.525	30.051								M			0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.550	31.467			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.600	34.267			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.650	37.067			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.692	39.444				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.700	39.867			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.703	40.051							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.750	42.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.800	45.467			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.850	48.267			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.852	48.359								M			0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.893	50.667					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.893	50.667					G						1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
1.900	51.067			T								1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
1.950	53.867			T								1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.000	56.667	B		T				D				1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.000	56.667	B		T				D				1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.021	58.359								M			1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- GIRDER 2 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
 T = 20th POINT C = CONTRAFLEXURE(0 MOMENT OR 0 SHEAR)
 H = HINGE G = GIRDER OR SLAB DIMENSION CHANGE
 S = FIELD SPLICE P = TRACE POINT
 F = FLOORBEAM (BRACED) M = PANEL MIDPOINT

* * * INPUT DATA SUMMARY - GIRDER 2 * * *

SPAN FRAC	DIST (ft)	CODES										TOP FLANGE		BOT FLANGE		WEB		SLAB	
		B	H	T	C	G	S	D	F	P	M	THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)
2.042	60.051							D				1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.050	60.667			T								1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.075	62.667					G						1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.075	62.667					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.100	64.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.150	68.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.167	70.051									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.200	72.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.202	72.809				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.250	76.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.292	80.051							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.300	80.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.350	84.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.400	88.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.417	90.051									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.450	92.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.484	95.396				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.500	96.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.542	100.051							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.550	100.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.600	104.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.650	108.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.667	110.051									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.700	112.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.750	116.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.768	118.114				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.792	120.051							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.800	120.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.850	124.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.887	127.667					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.887	127.667					G						1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
2.896	128.359									M		1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
2.900	128.667			T								1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
2.950	132.667			T								1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.000	136.667	B		T				D				1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.000	136.667	B		T				D				1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.021	138.359									M		1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.042	140.051							D				1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.050	140.667			T								1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.100	144.667			T								1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.112	145.667					G						1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.112	145.667					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.150	148.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.167	150.051									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.200	152.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.248	156.496				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.250	156.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.292	160.051							D				0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.300	160.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.350	164.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.400	168.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.417	170.051									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.450	172.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.500	176.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.506	177.116				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00

----- GIRDER 2 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
 T = 20th POINT C = CONTRAFLEXURE(0 MOMENT OR 0 SHEAR)
 H = HINGE G = GIRDER OR SLAB DIMENSION CHANGE
 S = FIELD SPLICE P = TRACE POINT
 F = FLOORBEAM (BRACED) M = PANEL MIDPOINT

*** INPUT DATA SUMMARY - GIRDER 2 ***

SPAN FRAC	DIST (ft)	CODES											TOP FLANGE		BOT FLANGE		DEPTH d (in)	WEB		SLAB	
		B	H	T	C	G	S	D	F	P	M	THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	THICK t (in)		WIDTH Wg (in)	WIDTH We (in)		
9.000	521.333												0.7940	11.945	0.7940	11.945	33.962	0.5980	0.00	0.00	

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 *** UNFACTORED MOMENT SUMMARY (Based on Input Section) ***
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	(ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	0	-1	0	0	-1	1	-2		
0.625	0	0	0	1	-8	0	0	-8	1	-11		
1.000	0	0	0	1	-13	0	-1	-13	1	-18		
1.000	0	0	0	1	-13	0	-1	-13	1	-18		
1.049	38	12	6	79	-11	22	-6	0	127	-21		
1.050	39	12	6	79	-12	22	-6	0	127	-22		
1.100	72	23	11	137	-23	42	-12	0	224	-43		
1.109	77	24	12	149	-25	45	-13	0	244	-46		
1.150	98	31	15	183	-35	59	-18	0	302	-64		
1.169	107	34	16	201	-39	65	-20	0	332	-72		
1.173	108	34	16	202	-40	66	-21	0	334	-74		
1.188	114	36	17	213	-43	70	-22	0	353	-80		
1.200	118	38	18	216	-46	73	-24	0	360	-85		
1.250	132	42	20	241	-58	85	-30	0	406	-106		
1.300	140	45	21	260	-69	94	-36	0	440	-128		
1.346	142	45	21	276	-80	100	-41	0	467	-147		
1.350	142	45	21	274	-81	100	-42	0	465	-149		
1.353	142	45	21	274	-81	101	-42	0	465	-150		
1.400	139	44	21	283	-93	106	-48	0	482	-172		
1.450	131	41	19	284	-105	110	-55	0	487	-195		
1.500	115	36	17	280	-118	111	-61	0	482	-218		
1.525	106	33	15	282	-124	110	-64	0	486	-229		
1.550	94	29	14	271	-131	109	-67	0	470	-241		
1.600	67	20	9	255	-143	104	-74	0	444	-264		
1.650	33	10	4	232	-156	97	-80	0	405	-287		
1.692	0	-1	-1	208	-166	88	-86	-175	365	-307		
1.700	-6	-3	-2	206	-168	87	-87	-177	362	-311		
1.703	-9	-4	-2	205	-169	86	-87	-178	359	-312		
1.750	-53	-18	-9	172	-183	75	-94	-193	304	-337		
1.800	-106	-35	-17	137	-198	61	-103	-208	243	-366		
1.850	-165	-54	-26	95	-213	49	-116	-226	176	-399		
1.852	-167	-54	-27	95	-213	48	-116	-227	174	-400		
1.893	-220	-71	-35	74	-224	41	-132	-263	140	-433		
1.900	-230	-74	-36	67	-227	40	-136	-268	130	-443		
1.950	-302	-97	-47	68	-242	37	-164	-315	128	-524		
2.000	-380	-121	-59	72	-257	37	-199	-372	134	-624		
2.000	-377	-121	-59	72	-256	37	-197	-370	132	-620		
2.021	-327	-105	-51	65	-220	34	-173	-338	120	-560		
2.042	-281	-90	-43	58	-184	32	-150	-309	110	-505		
2.050	-264	-84	-41	56	-175	31	-143	-299	106	-487		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
2.075	-212	-68	-33	60	-151	31	-120	-267	111	-428		
2.100	-164	-52	-25	79	-144	32	-100	-235	137	-372		
2.150	-77	-24	-12	119	-130	37	-70	-178	195	-275		
2.167	-50	-16	-7	135	-125	41	-62	-158	220	-245		
2.200	-2	0	0	158	-117	48	-50	-131	259	-205		
2.202	0	0	1	160	-117	48	-49	-130	261	-204		
2.250	60	20	10	198	-105	63	-40	0	327	-180		
2.292	102	34	17	238	-95	82	-42	0	399	-169		
2.300	109	36	18	239	-94	86	-43	0	404	-167		
2.350	150	49	24	277	-83	107	-47	0	475	-157		
2.400	177	57	28	302	-72	123	-50	0	525	-146		
2.417	184	59	29	315	-68	127	-52	0	547	-143		
2.450	192	62	31	321	-63	133	-54	0	560	-138		
2.484	195	63	31	319	-71	136	-57	0	561	-151		
2.500	194	62	31	327	-76	138	-58	0	573	-159		
2.542	186	60	29	325	-88	137	-61	0	570	-178		
2.550	184	59	29	323	-90	138	-62	0	567	-182		
2.600	163	52	26	311	-107	134	-66	0	548	-209		
2.650	129	41	20	289	-123	126	-71	0	510	-235		
2.667	115	36	18	283	-129	122	-73	0	499	-244		
2.700	83	26	13	257	-140	112	-76	0	455	-262		
2.750	24	7	3	217	-157	93	-81	0	381	-289		
2.768	0	-1	-1	201	-162	86	-84	-171	354	-300		
2.792	-35	-12	-6	183	-170	78	-91	-178	322	-317		
2.800	-47	-16	-8	177	-174	76	-93	-184	311	-324		
2.850	-133	-43	-21	129	-193	62	-115	-238	234	-389		
2.887	-205	-66	-33	96	-208	55	-139	-289	182	-471		
2.896	-223	-72	-35	89	-212	53	-145	-303	172	-493		
2.900	-231	-75	-37	88	-212	53	-148	-308	170	-502		
2.950	-343	-110	-54	66	-234	51	-193	-389	139	-640		
3.000	-468	-149	-73	72	-283	54	-250	-475	149	-794		
3.000	-465	-148	-73	71	-276	53	-249	-471	148	-787		
3.021	-412	-131	-65	64	-247	50	-223	-436	135	-723		
3.042	-362	-115	-57	57	-236	48	-199	-401	124	-659		
3.050	-345	-110	-54	55	-232	47	-192	-389	121	-638		
3.100	-238	-76	-37	84	-212	47	-146	-311	159	-503		
3.112	-214	-68	-34	93	-207	48	-136	-291	172	-471		
3.150	-145	-46	-23	122	-193	52	-112	-241	215	-388		
3.167	-116	-37	-18	137	-188	55	-102	-221	237	-356		
3.200	-65	-20	-10	162	-176	62	-88	-189	278	-323		
3.248	0	1	0	199	-159	75	-76	-160	341	-287		
3.250	3	1	1	201	-158	76	-76	0	344	-286		
3.292	50	17	8	241	-143	94	-75	0	415	-265		
3.300	58	19	9	242	-141	98	-75	0	420	-262		
3.350	104	34	16	279	-125	117	-75	0	489	-241		
3.400	137	44	21	304	-109	132	-75	0	537	-220		
3.417	145	47	23	317	-104	136	-75	0	558	-213		
3.450	157	50	25	321	-94	141	-75	0	568	-200		
3.500	165	53	26	328	-79	144	-76	0	581	-181		
3.506	165	53	26	331	-80	144	-76	0	584	-181		
3.542	161	52	25	326	-88	143	-76	0	576	-193		
3.550	160	51	25	324	-91	143	-76	0	573	-197		
3.600	144	46	22	312	-107	138	-77	0	553	-219		
3.650	116	37	18	289	-123	128	-78	0	513	-242		
3.667	103	32	16	283	-129	124	-79	0	501	-250		
3.700	75	23	11	257	-140	113	-80	0	456	-266		
3.750	22	6	3	216	-156	93	-81	0	381	-289		
3.768	0	-1	0	202	-162	86	-84	-171	355	-300		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
3.792	-33	-12	-6	183	-170	79	-91	-178	323	-317		
3.800	-44	-15	-7	177	-173	78	-94	-184	313	-324		
3.850	-124	-41	-20	128	-193	68	-117	-239	238	-391		
3.887	-193	-62	-31	95	-208	62	-141	-290	189	-474		
3.896	-210	-68	-33	89	-212	61	-148	-303	180	-496		
3.900	-217	-70	-34	88	-212	62	-151	-309	178	-505		
3.950	-323	-103	-51	67	-234	62	-197	-390	151	-645		
4.000	-443	-141	-69	78	-284	68	-256	-476	172	-800		
4.000	-440	-140	-68	76	-276	68	-254	-471	169	-793		
4.021	-388	-123	-60	69	-249	64	-228	-437	156	-728		
4.042	-339	-108	-53	66	-237	62	-204	-402	150	-665		
4.050	-321	-102	-50	66	-233	61	-196	-390	149	-643		
4.100	-217	-69	-34	91	-213	60	-151	-311	182	-508		
4.112	-193	-61	-30	99	-208	61	-141	-292	193	-477		
4.150	-125	-40	-19	122	-194	64	-116	-241	227	-394		
4.167	-97	-30	-15	137	-189	67	-107	-222	249	-361		
4.200	-47	-14	-7	164	-177	73	-93	-190	291	-328		
4.234	0	1	0	189	-165	81	-82	-175	333	-301		
4.250	19	7	3	201	-159	87	-80	0	355	-292		
4.292	65	22	11	241	-144	104	-78	0	425	-270		
4.300	73	24	12	242	-142	107	-78	0	430	-267		
4.350	117	38	19	280	-126	126	-78	0	497	-245		
4.400	149	48	24	305	-110	139	-78	0	544	-224		
4.417	156	50	25	317	-105	143	-77	0	565	-216		
4.450	167	54	26	322	-94	147	-77	0	574	-203		
4.499	173	56	27	327	-79	148	-77	0	583	-182		
4.500	173	56	27	329	-79	149	-77	0	586	-182		
4.542	169	54	27	326	-88	146	-77	0	580	-194		
4.550	167	54	26	324	-91	146	-77	0	577	-197		
4.600	150	48	23	312	-107	140	-77	0	555	-220		
4.650	120	38	19	289	-123	129	-78	0	514	-242		
4.667	107	34	16	283	-129	125	-78	0	502	-250		
4.700	78	24	12	257	-140	113	-79	0	456	-265		
4.750	23	6	3	216	-156	91	-79	0	379	-287		
4.768	0	-1	0	201	-162	85	-83	-169	353	-298		
4.792	-34	-12	-6	183	-170	78	-90	-178	322	-316		
4.800	-45	-15	-8	177	-173	76	-93	-184	311	-323		
4.850	-127	-41	-20	128	-193	66	-117	-239	237	-391		
4.887	-196	-64	-31	95	-208	61	-142	-290	188	-475		
4.896	-213	-69	-34	89	-212	61	-148	-303	179	-497		
4.900	-221	-71	-35	88	-212	61	-152	-309	177	-506		
4.950	-329	-105	-52	67	-234	61	-199	-390	150	-646		
5.000	-450	-143	-70	78	-284	68	-258	-476	171	-802		
5.000	-447	-142	-70	76	-276	68	-256	-471	168	-795		
5.021	-395	-126	-62	69	-249	64	-231	-437	156	-731		
5.042	-345	-110	-54	67	-237	62	-207	-402	151	-667		
5.050	-328	-104	-51	66	-234	61	-199	-390	149	-646		
5.100	-223	-71	-35	92	-213	60	-153	-311	182	-511		
5.112	-199	-63	-31	100	-208	61	-144	-292	194	-479		
5.150	-131	-42	-20	122	-194	65	-119	-241	228	-396		
5.167	-103	-32	-16	137	-189	68	-110	-222	250	-364		
5.200	-52	-16	-8	165	-177	75	-96	-190	294	-332		
5.238	0	1	0	193	-163	83	-84	-178	340	-302		
5.250	14	5	3	201	-159	88	-83	0	356	-295		
5.292	61	20	10	241	-144	105	-81	0	426	-272		
5.300	69	23	11	242	-142	108	-81	0	430	-269		
5.350	113	37	18	280	-126	126	-79	0	497	-247		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued)

MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
5.400	145	47	23	305	-110	138	-78	0	543	-225		
5.417	153	49	24	317	-105	142	-78	0	563	-217		
5.450	164	53	26	322	-94	145	-77	0	573	-203		
5.500	170	55	27	329	-79	147	-76	0	584	-181		
5.501	170	55	27	329	-79	147	-76	0	584	-182		
5.542	166	53	26	326	-88	143	-75	0	577	-192		
5.550	164	53	26	324	-91	143	-75	0	574	-195		
5.600	147	47	23	312	-107	137	-75	0	551	-217		
5.650	118	37	18	289	-123	125	-75	0	510	-238		
5.667	105	33	16	283	-129	120	-75	0	497	-246		
5.700	76	24	12	257	-140	108	-74	0	451	-260		
5.750	21	6	3	216	-156	86	-74	0	374	-282		
5.767	0	-1	0	202	-162	80	-77	-160	348	-292		
5.792	-35	-12	-6	183	-170	72	-84	-178	316	-310		
5.800	-46	-16	-8	177	-173	71	-87	-184	306	-317		
5.850	-127	-42	-20	128	-193	60	-111	-239	231	-385		
5.888	-197	-64	-31	93	-208	55	-135	-290	179	-469		
5.896	-214	-69	-34	86	-210	54	-142	-303	169	-490		
5.900	-221	-71	-35	85	-211	54	-145	-308	167	-500		
5.950	-329	-105	-52	61	-233	55	-192	-390	136	-639		
6.000	-450	-143	-70	71	-284	61	-250	-476	156	-795		
6.000	-446	-142	-70	70	-276	61	-249	-471	154	-788		
6.021	-394	-125	-61	69	-249	58	-224	-437	149	-724		
6.042	-345	-109	-54	67	-237	57	-201	-401	146	-662		
6.050	-327	-104	-51	66	-234	56	-193	-389	144	-640		
6.100	-222	-71	-35	92	-214	57	-149	-311	179	-507		
6.112	-198	-63	-31	100	-209	58	-140	-292	191	-476		
6.150	-130	-41	-20	123	-194	63	-117	-241	226	-394		
6.167	-101	-32	-16	137	-189	67	-108	-221	249	-363		
6.200	-51	-16	-8	165	-177	74	-95	-190	294	-331		
6.237	0	1	0	191	-164	84	-85	-179	339	-303		
6.250	16	6	3	201	-160	89	-83	0	356	-295		
6.292	63	21	10	241	-144	104	-79	0	425	-271		
6.300	71	24	12	242	-142	107	-79	0	429	-267		
6.350	115	37	18	279	-126	123	-76	0	494	-243		
6.400	147	47	23	305	-110	134	-73	0	539	-219		
6.417	156	50	25	317	-105	136	-72	0	558	-211		
6.450	167	53	26	321	-94	139	-70	0	566	-195		
6.500	174	56	27	328	-79	139	-67	0	575	-171		
6.502	174	56	27	329	-78	139	-67	0	576	-170		
6.542	169	54	27	326	-75	134	-64	0	567	-164		
6.550	168	54	26	323	-78	134	-64	0	563	-167		
6.600	151	48	24	311	-92	125	-62	0	539	-184		
6.650	122	38	19	288	-106	112	-60	0	496	-201		
6.667	109	34	17	283	-111	107	-59	0	482	-207		
6.700	81	25	12	256	-121	93	-58	0	434	-218		
6.750	26	7	4	216	-135	70	-56	0	356	-236		
6.771	0	-1	-1	197	-141	61	-59	-140	324	-247		
6.792	-30	-11	-5	182	-147	55	-65	-155	297	-261		
6.800	-41	-14	-7	176	-150	53	-67	-161	287	-267		
6.850	-122	-40	-20	126	-168	40	-89	-214	209	-337		
6.896	-208	-67	-33	83	-184	33	-119	-273	144	-433		
6.900	-216	-70	-34	82	-186	33	-122	-280	143	-444		
6.950	-322	-103	-51	56	-210	32	-167	-355	107	-574		
7.000	-443	-141	-69	71	-265	36	-223	-434	130	-720		
7.000	-439	-140	-69	71	-262	36	-222	-432	130	-718		
7.026	-387	-123	-61	69	-250	36	-199	-394	127	-651		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
7.050	-341	-109	-54	68	-239	37	-181	-364	127	-598		
7.053	-336	-107	-53	67	-238	37	-178	-360	127	-591		
7.100	-252	-81	-40	80	-224	41	-147	-303	147	-495		
7.125	-210	-67	-33	94	-216	44	-132	-274	169	-447		
7.150	-171	-55	-27	110	-208	49	-121	-247	195	-404		
7.200	-98	-32	-16	139	-195	62	-104	-213	247	-363		
7.209	-86	-28	-14	147	-193	65	-101	-210	261	-358		
7.250	-34	-11	-5	178	-181	79	-93	-198	315	-335		
7.279	0	0	0	195	-173	88	-89	-189	347	-320		
7.300	23	7	4	215	-168	94	-86	0	380	-309		
7.350	72	23	11	250	-154	107	-79	0	440	-284		
7.365	85	27	13	261	-149	110	-77	0	457	-276		
7.400	113	36	18	281	-141	118	-73	0	491	-260		
7.450	147	47	23	307	-129	127	-67	0	535	-238		
7.500	173	55	27	322	-116	132	-60	0	561	-215		
7.522	182	58	29	328	-111	133	-57	0	569	-205		
7.550	191	61	30	333	-104	134	-54	0	576	-192		
7.600	201	64	32	335	-92	131	-47	0	577	-170		
7.636	203	65	32	326	-83	127	-43	0	560	-152		
7.650	203	65	32	327	-79	125	-41	0	560	-146		
7.678	200	64	32	319	-72	120	-37	0	544	-133		
7.700	197	63	31	314	-68	118	-35	0	535	-125		
7.750	185	59	29	296	-57	108	-29	0	502	-105		
7.800	164	52	26	266	-46	95	-24	0	448	-84		
7.839	142	45	22	233	-37	81	-19	0	390	-68		
7.850	135	43	21	227	-34	77	-18	0	379	-63		
7.900	98	31	15	173	-23	56	-12	0	286	-42		
7.942	62	19	10	113	-13	34	-7	0	184	-24		
7.950	53	17	8	99	-11	30	-6	0	162	-21		
7.958	46	14	7	84	-10	26	-5	0	138	-18		
8.000	0	0	0	1	-11	0	-1	-11	1	-15		
8.000	0	0	0	0	-10	0	0	-10	0	-13		
8.375	0	0	0	0	-6	0	0	-6	0	-8		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE		TRUCK	
	MOMENT	MOMENT	MOMENT						MAX	MIN	MAX	MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
0.000	0	0	0								0	0
0.625	0	0	0								0	-7
1.000	0	0	0								0	-10
1.000	0	0	0								0	-10
1.000	0	0	0								0	-10
1.049	38	12	6								52	-8
1.050	39	12	6								52	-8
1.100	72	23	11								88	-13
1.109	77	24	12								96	-14
1.150	98	31	15								112	-19
1.169	107	34	16								123	-22
1.173	108	34	16								122	-22
1.188	114	36	17								129	-24

UNFACTORED MOMENT SUMMARY												
GIRDER: 2		* * * UNFACTORED MOMENT SUMMARY (Continued) * * *										
LL TEMPLATE NUMBER: 2		Note: Impact NOT Included, except for COMBINED.										
LIVE LOAD: HL-93-ED (Continued)		MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).										
LANE POSITION: ONE LANE WITH IMPACT												
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
1.200	118	38	18								127	-26
1.250	132	42	20								138	-32
1.300	140	45	21								145	-38
1.346	142	45	21								151	-44
1.350	142	45	21								149	-44
1.353	142	45	21								148	-44
1.400	139	44	21								149	-50
1.450	131	41	19								147	-57
1.500	115	36	17								145	-63
1.525	106	33	15								149	-66
1.550	94	29	14								142	-69
1.600	67	20	9								135	-76
1.650	33	10	4								123	-82
1.692	0	-1	-1								113	-88
1.700	-6	-3	-2								110	-89
1.703	-9	-4	-2								111	-89
1.750	-53	-18	-9								94	-99
1.800	-106	-35	-17								80	-109
1.850	-165	-54	-26								62	-120
1.852	-167	-54	-27								61	-121
1.893	-220	-71	-35								48	-131
1.900	-230	-74	-36								42	-132
1.950	-302	-97	-47								38	-144
2.000	-380	-121	-59								41	-158
2.000	-377	-121	-59								40	-157
2.021	-327	-105	-51								36	-135
2.042	-281	-90	-43								32	-111
2.050	-264	-84	-41								31	-106
2.075	-212	-68	-33								38	-81
2.100	-164	-52	-25								53	-69
2.150	-77	-24	-12								76	-61
2.167	-50	-16	-7								89	-59
2.200	-2	0	0								98	-54
2.202	0	0	1								100	-54
2.250	60	20	10								120	-48
2.292	102	34	17								140	-42
2.300	109	36	18								140	-41
2.350	150	49	24								161	-37
2.400	177	57	28								174	-32
2.417	184	59	29								182	-30
2.450	192	62	31								179	-33
2.484	195	63	31								168	-38
2.500	194	62	31								177	-41
2.542	186	60	29								178	-47
2.550	184	59	29								174	-49
2.600	163	52	26								172	-57
2.650	129	41	20								161	-65
2.667	115	36	18								161	-68
2.700	83	26	13								142	-74
2.750	24	7	3								114	-82
2.768	0	-1	-1								103	-85
2.792	-35	-12	-6								99	-89
2.800	-47	-16	-8								94	-91
2.850	-133	-43	-21								77	-106
2.887	-205	-66	-33								57	-118
2.896	-223	-72	-35								55	-121
2.900	-231	-75	-37								56	-123
2.950	-343	-110	-54								37	-139

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
3.000	-468	-149	-73								41	-165
3.000	-465	-148	-73								40	-170
3.021	-412	-131	-65								36	-148
3.042	-362	-115	-57								32	-131
3.050	-345	-110	-54								30	-127
3.100	-238	-76	-37								55	-116
3.112	-214	-68	-34								63	-113
3.150	-145	-46	-23								77	-105
3.167	-116	-37	-18								91	-102
3.200	-65	-20	-10								100	-94
3.248	0	1	0								120	-84
3.250	3	1	1								122	-84
3.292	50	17	8								142	-75
3.300	58	19	9								141	-74
3.350	104	34	16								162	-65
3.400	137	44	21								175	-57
3.417	145	47	23								183	-54
3.450	157	50	25								179	-48
3.500	165	53	26								177	-41
3.506	165	53	26								181	-42
3.542	161	52	25								178	-47
3.550	160	51	25								174	-49
3.600	144	46	22								172	-57
3.650	116	37	18								161	-65
3.667	103	32	16								161	-68
3.700	75	23	11								142	-74
3.750	22	6	3								114	-82
3.768	0	-1	0								104	-85
3.792	-33	-12	-6								99	-89
3.800	-44	-15	-7								94	-91
3.850	-124	-41	-20								77	-106
3.887	-193	-62	-31								57	-118
3.896	-210	-68	-33								54	-120
3.900	-217	-70	-34								56	-123
3.950	-323	-103	-51								37	-139
4.000	-443	-141	-69								41	-165
4.000	-440	-140	-68								40	-170
4.021	-388	-123	-60								36	-148
4.042	-339	-108	-53								34	-132
4.050	-321	-102	-50								34	-128
4.100	-217	-69	-34								55	-117
4.112	-193	-61	-30								63	-114
4.150	-125	-40	-19								77	-106
4.167	-97	-30	-15								91	-102
4.200	-47	-14	-7								99	-95
4.234	0	1	0								105	-88
4.250	19	7	3								122	-84
4.292	65	22	11								142	-75
4.300	73	24	12								141	-74
4.350	117	38	19								162	-66
4.400	149	48	24								175	-57
4.417	156	50	25								183	-54
4.450	167	54	26								179	-49
4.499	173	56	27								177	-41
4.500	173	56	27								178	-41
4.542	169	54	27								178	-47
4.550	167	54	26								174	-49

UNFACTORED MOMENT SUMMARY													
GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).													
LANE POSITION: ONE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
4.600		150	48	23								173	-57
4.650		120	38	19								161	-65
4.667		107	34	16								161	-68
4.700		78	24	12								142	-74
4.750		23	6	3								114	-82
4.768		0	-1	0								103	-85
4.792		-34	-12	-6								99	-89
4.800		-45	-15	-8								94	-91
4.850		-127	-41	-20								77	-106
4.887		-196	-64	-31								57	-118
4.896		-213	-69	-34								54	-120
4.900		-221	-71	-35								56	-123
4.950		-329	-105	-52								37	-139
5.000		-450	-143	-70								41	-165
5.000		-447	-142	-70								40	-170
5.021		-395	-126	-62								36	-148
5.042		-345	-110	-54								35	-132
5.050		-328	-104	-51								34	-127
5.100		-223	-71	-35								55	-117
5.112		-199	-63	-31								63	-114
5.150		-131	-42	-20								77	-106
5.167		-103	-32	-16								91	-102
5.200		-52	-16	-8								102	-95
5.238		0	1	0								110	-87
5.250		14	5	3								122	-84
5.292		61	20	10								142	-75
5.300		69	23	11								141	-74
5.350		113	37	18								162	-66
5.400		145	47	23								175	-57
5.417		153	49	24								183	-54
5.450		164	53	26								179	-49
5.500		170	55	27								178	-41
5.501		170	55	27								178	-41
5.542		166	53	26								178	-47
5.550		164	53	26								174	-49
5.600		147	47	23								173	-57
5.650		118	37	18								161	-65
5.667		105	33	16								161	-68
5.700		76	24	12								142	-73
5.750		21	6	3								114	-82
5.767		0	-1	0								104	-85
5.792		-35	-12	-6								99	-89
5.800		-46	-16	-8								94	-91
5.850		-127	-42	-20								77	-106
5.888		-197	-64	-31								57	-118
5.896		-214	-69	-34								54	-122
5.900		-221	-71	-35								56	-123
5.950		-329	-105	-52								30	-139
6.000		-450	-143	-70								35	-165
6.000		-446	-142	-70								35	-170
6.021		-394	-125	-61								35	-148
6.042		-345	-109	-54								35	-132
6.050		-327	-104	-51								34	-127
6.100		-222	-71	-35								55	-117
6.112		-198	-63	-31								63	-114
6.150		-130	-41	-20								77	-106
6.167		-101	-32	-16								91	-102

UNFACTORED MOMENT SUMMARY													
GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).													
LANE POSITION: ONE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
6.200		-51	-16	-8								101	-95
6.237		0	1	0								108	-87
6.250		16	6	3								122	-84
6.292		63	21	10								142	-75
6.300		71	24	12								141	-74
6.350		115	37	18								162	-66
6.400		147	47	23								174	-57
6.417		156	50	25								182	-54
6.450		167	53	26								179	-49
6.500		174	56	27								178	-40
6.502		174	56	27								179	-40
6.542		169	54	27								178	-38
6.550		168	54	26								174	-39
6.600		151	48	24								172	-45
6.650		122	38	19								161	-52
6.667		109	34	17								161	-54
6.700		81	25	12								142	-58
6.750		26	7	4								114	-65
6.771		0	-1	-1								100	-68
6.792		-30	-11	-5								99	-71
6.800		-41	-14	-7								93	-73
6.850		-122	-40	-20								75	-85
6.896		-208	-67	-33								54	-96
6.900		-216	-70	-34								55	-97
6.950		-322	-103	-51								29	-113
7.000		-443	-141	-69								35	-162
7.000		-439	-140	-69								36	-164
7.026		-387	-123	-61								35	-143
7.050		-341	-109	-54								35	-131
7.053		-336	-107	-53								35	-132
7.100		-252	-81	-40								50	-122
7.125		-210	-67	-33								51	-120
7.150		-171	-55	-27								70	-114
7.200		-98	-32	-16								91	-106
7.209		-86	-28	-14								96	-104
7.250		-34	-11	-5								110	-97
7.279		0	0	0								115	-92
7.300		23	7	4								130	-89
7.350		72	23	11								143	-81
7.365		85	27	13								147	-78
7.400		113	36	18								156	-74
7.450		147	47	23								165	-67
7.500		173	55	27								171	-61
7.522		182	58	29								177	-58
7.550		191	61	30								179	-54
7.600		201	64	32								180	-47
7.636		203	65	32								172	-42
7.650		203	65	32								174	-40
7.678		200	64	32								170	-36
7.700		197	63	31								168	-34
7.750		185	59	29								160	-29
7.800		164	52	26								147	-23
7.839		142	45	22								131	-18
7.850		135	43	21								131	-17
7.900		98	31	15								104	-11
7.942		62	19	10								70	-7
7.950		53	17	8								62	-6
7.958		46	14	7								54	-5

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK	LANE	DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK		
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)				MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	
FRAC											
8.000	0	0	0							0	-8
8.000	0	0	0							0	-8
8.375	0	0	0							0	-5
9.000	0	0	0							0	0

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	1	-1	0	0	0	1	-2		
0.625	0	0	0	1	-5	0	0	-6	1	-7		
1.000	0	0	0	1	-8	0	0	-9	1	-11		
1.000	0	0	0	1	-8	0	0	-9	1	-11		
1.049	38	12	6	80	-14	0	0	0	106	-18		
1.050	39	12	6	80	-14	0	0	0	106	-19		
1.100	72	23	11	139	-28	0	0	0	186	-37		
1.109	77	24	12	152	-31	0	0	0	202	-41		
1.150	98	31	15	189	-42	0	0	0	251	-56		
1.169	107	34	16	209	-47	0	0	0	278	-63		
1.173	108	34	16	210	-48	0	0	0	280	-64		
1.188	114	36	17	223	-53	0	0	0	297	-70		
1.200	118	38	18	229	-56	0	0	0	304	-75		
1.250	132	42	20	257	-70	0	0	0	342	-93		
1.300	140	45	21	274	-84	0	0	0	365	-112		
1.346	142	45	21	284	-97	0	0	0	378	-129		
1.350	142	45	21	284	-98	0	0	0	378	-130		
1.353	142	45	21	284	-99	0	0	0	378	-132		
1.400	139	44	21	286	-113	0	0	0	381	-150		
1.450	131	41	19	283	-128	0	0	0	377	-170		
1.500	115	36	17	281	-143	0	0	0	373	-190		
1.525	106	33	15	282	-150	0	0	0	374	-200		
1.550	94	29	14	276	-158	0	0	0	367	-210		
1.600	67	20	9	262	-173	0	0	0	348	-230		
1.650	33	10	4	240	-189	0	0	0	319	-251		
1.692	0	-1	-1	217	-201	0	0	-222	289	-268		
1.700	-6	-3	-2	213	-204	0	0	-225	284	-271		
1.703	-9	-4	-2	212	-205	0	0	-231	282	-277		
1.750	-53	-18	-9	173	-222	0	0	-244	230	-295		
1.800	-106	-35	-17	127	-241	0	0	-265	169	-320		
1.850	-165	-54	-26	93	-260	0	0	-307	123	-368		
1.852	-167	-54	-27	91	-260	0	0	-309	122	-370		
1.893	-220	-71	-35	78	-274	0	0	-358	103	-428		
1.900	-230	-74	-36	78	-277	0	0	-368	104	-441		
1.950	-302	-97	-47	83	-296	0	0	-451	111	-540		
2.000	-380	-121	-59	88	-316	0	0	-541	117	-647		
2.000	-377	-121	-59	87	-315	0	0	-537	116	-643		
2.021	-327	-105	-51	79	-264	0	0	-484	105	-579		
2.042	-281	-90	-43	71	-223	0	0	-431	94	-516		
2.050	-264	-84	-41	68	-205	0	0	-414	91	-495		
2.075	-212	-68	-33	59	-164	0	0	-355	79	-425		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
2.100	-164	-52	-25	72	-155	0	0	-303	96	-363		
2.150	-77	-24	-12	108	-139	0	0	-199	144	-238		
2.167	-50	-16	-7	124	-135	0	0	-185	165	-221		
2.200	-2	0	0	148	-127	0	0	-159	197	-191		
2.202	0	0	1	151	-126	0	0	-158	201	-189		
2.250	60	20	10	208	-116	0	0	0	276	-154		
2.292	102	34	17	253	-103	0	0	0	337	-138		
2.300	109	36	18	257	-102	0	0	0	342	-136		
2.350	150	49	24	299	-90	0	0	0	397	-120		
2.400	177	57	28	327	-78	0	0	0	435	-104		
2.417	184	59	29	338	-74	0	0	0	450	-99		
2.450	192	62	31	344	-74	0	0	0	458	-98		
2.484	195	63	31	345	-86	0	0	0	458	-115		
2.500	194	62	31	348	-92	0	0	0	463	-122		
2.542	186	60	29	348	-107	0	0	0	463	-142		
2.550	184	59	29	348	-110	0	0	0	462	-146		
2.600	163	52	26	339	-129	0	0	0	451	-172		
2.650	129	41	20	315	-149	0	0	0	419	-198		
2.667	115	36	18	306	-156	0	0	0	407	-207		
2.700	83	26	13	277	-169	0	0	0	368	-224		
2.750	24	7	3	226	-189	0	0	0	301	-251		
2.768	0	-1	-1	202	-196	0	0	-217	268	-260		
2.792	-35	-12	-6	178	-205	0	0	-240	236	-287		
2.800	-47	-16	-8	168	-209	0	0	-246	223	-295		
2.850	-133	-43	-21	117	-235	0	0	-304	156	-364		
2.887	-205	-66	-33	89	-254	0	0	-363	118	-434		
2.896	-223	-72	-35	82	-258	0	0	-386	109	-462		
2.900	-231	-75	-37	82	-261	0	0	-401	108	-480		
2.950	-343	-110	-54	80	-285	0	0	-532	107	-637		
3.000	-468	-149	-73	87	-346	0	0	-681	116	-815		
3.000	-465	-148	-73	86	-337	0	0	-677	114	-811		
3.021	-412	-131	-65	78	-301	0	0	-616	103	-737		
3.042	-362	-115	-57	70	-285	0	0	-561	93	-672		
3.050	-345	-110	-54	67	-282	0	0	-532	89	-637		
3.100	-238	-76	-37	75	-257	0	0	-394	100	-471		
3.112	-214	-68	-34	84	-251	0	0	-368	112	-441		
3.150	-145	-46	-23	111	-235	0	0	-306	148	-366		
3.167	-116	-37	-18	126	-229	0	0	-288	168	-344		
3.200	-65	-20	-10	153	-215	0	0	-252	204	-302		
3.248	0	1	0	208	-194	0	0	-210	277	-258		
3.250	3	1	1	212	-193	0	0	0	281	-257		
3.292	50	17	8	256	-173	0	0	0	341	-231		
3.300	58	19	9	260	-171	0	0	0	346	-227		
3.350	104	34	16	301	-151	0	0	0	401	-201		
3.400	137	44	21	330	-132	0	0	0	438	-176		
3.417	145	47	23	340	-126	0	0	0	453	-167		
3.450	157	50	25	346	-114	0	0	0	460	-152		
3.500	165	53	26	350	-96	0	0	0	466	-128		
3.506	165	53	26	351	-97	0	0	0	467	-129		
3.542	161	52	25	350	-107	0	0	0	465	-142		
3.550	160	51	25	349	-110	0	0	0	464	-146		
3.600	144	46	22	340	-129	0	0	0	452	-172		
3.650	116	37	18	316	-149	0	0	0	420	-198		
3.667	103	32	16	307	-156	0	0	0	408	-207		
3.700	75	23	11	277	-169	0	0	0	369	-224		
3.750	22	6	3	226	-189	0	0	0	301	-251		
3.768	0	-1	0	202	-196	0	0	-217	269	-260		
3.792	-33	-12	-6	177	-205	0	0	-240	236	-287		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
3.800	-44	-15	-7	167	-209	0	0	-246	222	-295		
3.850	-124	-41	-20	117	-235	0	0	-304	155	-364		
3.887	-193	-62	-31	88	-254	0	0	-364	118	-435		
3.896	-210	-68	-33	82	-258	0	0	-389	109	-466		
3.900	-217	-70	-34	81	-261	0	0	-402	108	-481		
3.950	-323	-103	-51	81	-284	0	0	-533	108	-638		
4.000	-443	-141	-69	94	-347	0	0	-683	126	-817		
4.000	-440	-140	-68	92	-338	0	0	-679	122	-813		
4.021	-388	-123	-60	84	-303	0	0	-617	112	-739		
4.042	-339	-108	-53	81	-287	0	0	-563	108	-674		
4.050	-321	-102	-50	80	-284	0	0	-533	107	-639		
4.100	-217	-69	-34	86	-259	0	0	-396	114	-474		
4.112	-193	-61	-30	95	-253	0	0	-369	126	-442		
4.150	-125	-40	-19	118	-237	0	0	-308	156	-368		
4.167	-97	-30	-15	130	-230	0	0	-289	172	-346		
4.200	-47	-14	-7	153	-216	0	0	-254	204	-304		
4.234	0	1	0	192	-201	0	0	-216	255	-267		
4.250	19	7	3	212	-194	0	0	0	282	-259		
4.292	65	22	11	257	-175	0	0	0	342	-232		
4.300	73	24	12	260	-172	0	0	0	346	-229		
4.350	117	38	19	302	-153	0	0	0	401	-203		
4.400	149	48	24	330	-133	0	0	0	439	-177		
4.417	156	50	25	341	-128	0	0	0	453	-170		
4.450	167	54	26	346	-115	0	0	0	460	-153		
4.499	173	56	27	349	-96	0	0	0	465	-128		
4.500	173	56	27	351	-97	0	0	0	467	-129		
4.542	169	54	27	350	-107	0	0	0	465	-142		
4.550	167	54	26	349	-110	0	0	0	465	-146		
4.600	150	48	23	340	-129	0	0	0	452	-172		
4.650	120	38	19	316	-149	0	0	0	420	-198		
4.667	107	34	16	307	-156	0	0	0	408	-207		
4.700	78	24	12	277	-169	0	0	0	369	-224		
4.750	23	6	3	226	-189	0	0	0	301	-251		
4.768	0	-1	0	202	-196	0	0	-217	268	-260		
4.792	-34	-12	-6	177	-205	0	0	-240	236	-287		
4.800	-45	-15	-8	167	-209	0	0	-246	222	-295		
4.850	-127	-41	-20	117	-235	0	0	-304	155	-364		
4.887	-196	-64	-31	88	-254	0	0	-364	117	-436		
4.896	-213	-69	-34	82	-258	0	0	-390	109	-467		
4.900	-221	-71	-35	81	-260	0	0	-402	108	-481		
4.950	-329	-105	-52	82	-284	0	0	-533	108	-638		
5.000	-450	-143	-70	95	-347	0	0	-683	126	-818		
5.000	-447	-142	-70	92	-338	0	0	-679	123	-813		
5.021	-395	-126	-62	85	-303	0	0	-618	112	-739		
5.042	-345	-110	-54	82	-287	0	0	-563	109	-674		
5.050	-328	-104	-51	81	-283	0	0	-533	107	-638		
5.100	-223	-71	-35	86	-259	0	0	-395	115	-473		
5.112	-199	-63	-31	95	-253	0	0	-370	127	-442		
5.150	-131	-42	-20	118	-237	0	0	-308	157	-368		
5.167	-103	-32	-16	130	-230	0	0	-289	173	-346		
5.200	-52	-16	-8	155	-216	0	0	-254	207	-304		
5.238	0	1	0	196	-199	0	0	-215	261	-265		
5.250	14	5	3	212	-194	0	0	0	282	-259		
5.292	61	20	10	257	-175	0	0	0	342	-233		
5.300	69	23	11	260	-172	0	0	0	346	-229		
5.350	113	37	18	302	-153	0	0	0	401	-203		
5.400	145	47	23	330	-134	0	0	0	439	-178		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
5.417	153	49	24	341	-128	0	0	0	453	-170		
5.450	164	53	26	346	-115	0	0	0	460	-153		
5.500	170	55	27	351	-97	0	0	0	467	-129		
5.501	170	55	27	351	-97	0	0	0	467	-129		
5.542	166	53	26	350	-107	0	0	0	465	-142		
5.550	164	53	26	349	-110	0	0	0	465	-146		
5.600	147	47	23	340	-129	0	0	0	452	-172		
5.650	118	37	18	316	-149	0	0	0	420	-198		
5.667	105	33	16	306	-155	0	0	0	408	-207		
5.700	76	24	12	277	-168	0	0	0	368	-224		
5.750	21	6	3	226	-188	0	0	0	301	-250		
5.767	0	-1	0	203	-195	0	0	-219	270	-262		
5.792	-35	-12	-6	177	-205	0	0	-240	236	-287		
5.800	-46	-16	-8	167	-209	0	0	-246	222	-294		
5.850	-127	-42	-20	117	-234	0	0	-304	155	-364		
5.888	-197	-64	-31	84	-253	0	0	-363	112	-435		
5.896	-214	-69	-34	77	-258	0	0	-395	103	-473		
5.900	-221	-71	-35	77	-260	0	0	-401	102	-480		
5.950	-329	-105	-52	72	-284	0	0	-533	96	-638		
6.000	-450	-143	-70	86	-347	0	0	-683	114	-817		
6.000	-446	-142	-70	86	-338	0	0	-679	114	-812		
6.021	-394	-125	-61	84	-303	0	0	-617	111	-739		
6.042	-345	-109	-54	82	-288	0	0	-562	109	-673		
6.050	-327	-104	-51	81	-283	0	0	-532	108	-637		
6.100	-222	-71	-35	86	-259	0	0	-395	115	-473		
6.112	-198	-63	-31	95	-253	0	0	-369	127	-442		
6.150	-130	-41	-20	118	-237	0	0	-308	157	-368		
6.167	-101	-32	-16	130	-230	0	0	-289	173	-346		
6.200	-51	-16	-8	155	-216	0	0	-254	206	-304		
6.237	0	1	0	194	-200	0	0	-215	259	-266		
6.250	16	6	3	212	-195	0	0	0	282	-259		
6.292	63	21	10	257	-175	0	0	0	342	-233		
6.300	71	24	12	260	-172	0	0	0	346	-229		
6.350	115	37	18	301	-153	0	0	0	401	-203		
6.400	147	47	23	330	-134	0	0	0	438	-178		
6.417	156	50	25	340	-128	0	0	0	452	-170		
6.450	167	53	26	345	-115	0	0	0	459	-153		
6.500	174	56	27	350	-96	0	0	0	466	-128		
6.502	174	56	27	351	-95	0	0	0	466	-127		
6.542	169	54	27	349	-88	0	0	0	465	-117		
6.550	168	54	26	349	-90	0	0	0	464	-119		
6.600	151	48	24	339	-106	0	0	0	451	-141		
6.650	122	38	19	315	-122	0	0	0	419	-163		
6.667	109	34	17	305	-128	0	0	0	406	-170		
6.700	81	25	12	276	-139	0	0	0	367	-185		
6.750	26	7	4	225	-156	0	0	0	299	-207		
6.771	0	-1	-1	197	-163	0	0	-178	261	-216		
6.792	-30	-11	-5	176	-170	0	0	-201	234	-241		
6.800	-41	-14	-7	166	-173	0	0	-206	220	-247		
6.850	-122	-40	-20	114	-193	0	0	-254	152	-303		
6.896	-208	-67	-33	76	-211	0	0	-346	101	-414		
6.900	-216	-70	-34	75	-213	0	0	-350	100	-418		
6.950	-322	-103	-51	69	-245	0	0	-479	91	-574		
7.000	-443	-141	-69	86	-334	0	0	-623	115	-746		
7.000	-439	-140	-69	86	-328	0	0	-621	115	-743		
7.026	-387	-123	-61	84	-304	0	0	-560	112	-670		
7.050	-341	-109	-54	82	-291	0	0	-509	110	-609		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
7.053		-336	-107	-53	82	-289	0	0	-506	109	-605	
7.100		-252	-81	-40	78	-271	0	0	-401	104	-480	
7.125		-210	-67	-33	86	-262	0	0	-354	114	-423	
7.150		-171	-55	-27	105	-254	0	0	-318	140	-381	
7.200		-98	-32	-16	131	-238	0	0	-267	174	-320	
7.209		-86	-28	-14	137	-235	0	0	-267	182	-320	
7.250		-34	-11	-5	182	-221	0	0	-238	242	-294	
7.279		0	0	0	205	-211	0	0	-227	273	-281	
7.300		23	7	4	229	-204	0	0	0	305	-272	
7.350		72	23	11	265	-188	0	0	0	352	-250	
7.365		85	27	13	275	-181	0	0	0	365	-241	
7.400		113	36	18	296	-171	0	0	0	394	-228	
7.450		147	47	23	316	-156	0	0	0	420	-208	
7.500		173	55	27	332	-141	0	0	0	441	-188	
7.522		182	58	29	340	-135	0	0	0	452	-179	
7.550		191	61	30	348	-127	0	0	0	463	-169	
7.600		201	64	32	352	-112	0	0	0	468	-149	
7.636		203	65	32	348	-101	0	0	0	463	-134	
7.650		203	65	32	347	-97	0	0	0	461	-129	
7.678		200	64	32	340	-88	0	0	0	452	-117	
7.700		197	63	31	339	-83	0	0	0	450	-110	
7.750		185	59	29	320	-69	0	0	0	425	-92	
7.800		164	52	26	289	-56	0	0	0	385	-74	
7.839		142	45	22	250	-45	0	0	0	332	-59	
7.850		135	43	21	243	-42	0	0	0	323	-56	
7.900		98	31	15	181	-28	0	0	0	241	-37	
7.942		62	19	10	117	-16	0	0	0	156	-22	
7.950		53	17	8	104	-14	0	0	0	138	-18	
7.958		46	14	7	89	-12	0	0	0	118	-16	
8.000		0	0	0	1	-7	0	0	-8	1	-10	
8.000		0	0	0	0	-6	0	0	-7	0	-8	
8.375		0	0	0	0	-4	0	0	-4	0	-5	
9.000		0	0	0	0	0	0	0	0	0	0	

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2 MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
0.000	0	0	0	1	-1	0	0	0	1	-2		
0.625	0	0	0	1	-5	0	0	-5	1	-7		
1.000	0	0	0	1	-7	0	0	-8	1	-10		
1.000	0	0	0	1	-8	0	0	-8	1	-10		
1.000	0	0	0	1	-7	0	0	-8	1	-10		
1.049	38	12	6	80	-13	0	0	0	106	-18		
1.050	39	12	6	80	-14	0	0	0	107	-18		
1.100	72	23	11	141	-27	0	0	0	187	-36		
1.109	77	24	12	153	-30	0	0	0	204	-40		
1.150	98	31	15	192	-41	0	0	0	255	-54		
1.169	107	34	16	211	-46	0	0	0	281	-61		
1.173	108	34	16	213	-47	0	0	0	283	-63		
1.188	114	36	17	226	-51	0	0	0	301	-68		
1.200	118	38	18	232	-55	0	0	0	308	-73		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
1.250	132	42	20	264	-68	0	0	0	351	-91		
1.300	140	45	21	289	-82	0	0	0	384	-109		
1.346	142	45	21	304	-94	0	0	0	405	-125		
1.350	142	45	21	305	-95	0	0	0	405	-127		
1.353	142	45	21	305	-96	0	0	0	406	-128		
1.400	139	44	21	314	-110	0	0	0	418	-146		
1.450	131	41	19	318	-125	0	0	0	422	-166		
1.500	115	36	17	314	-140	0	0	0	418	-186		
1.525	106	33	15	312	-147	0	0	0	414	-195		
1.550	94	29	14	303	-155	0	0	0	403	-206		
1.600	67	20	9	284	-169	0	0	0	377	-225		
1.650	33	10	4	257	-184	0	0	0	342	-245		
1.692	0	-1	-1	231	-197	0	0	-219	308	-262		
1.700	-6	-3	-2	227	-199	0	0	-222	302	-265		
1.703	-9	-4	-2	226	-200	0	0	-223	300	-266		
1.750	-53	-18	-9	184	-216	0	0	-240	245	-288		
1.800	-106	-35	-17	136	-234	0	0	-261	182	-313		
1.850	-165	-54	-26	92	-252	0	0	-294	122	-352		
1.852	-167	-54	-27	91	-252	0	0	-295	121	-354		
1.893	-220	-71	-35	76	-267	0	0	-340	101	-407		
1.900	-230	-74	-36	76	-269	0	0	-347	102	-415		
1.950	-302	-97	-47	81	-287	0	0	-418	108	-500		
2.000	-380	-121	-59	86	-309	0	0	-498	114	-596		
2.000	-377	-121	-59	85	-308	0	0	-494	113	-592		
2.021	-327	-105	-51	77	-261	0	0	-442	102	-529		
2.042	-281	-90	-43	69	-218	0	0	-401	92	-480		
2.050	-264	-84	-41	67	-203	0	0	-385	89	-460		
2.075	-212	-68	-33	58	-166	0	0	-336	77	-402		
2.100	-164	-52	-25	72	-158	0	0	-289	96	-346		
2.150	-77	-24	-12	111	-142	0	0	-217	147	-259		
2.167	-50	-16	-7	131	-137	0	0	-195	174	-234		
2.200	-2	0	0	167	-128	0	0	-159	223	-190		
2.202	0	0	1	170	-128	0	0	-157	226	-188		
2.250	60	20	10	224	-115	0	0	0	298	-153		
2.292	102	34	17	269	-104	0	0	0	357	-138		
2.300	109	36	18	274	-102	0	0	0	364	-136		
2.350	150	49	24	318	-90	0	0	0	423	-120		
2.400	177	57	28	349	-79	0	0	0	464	-105		
2.417	184	59	29	360	-75	0	0	0	479	-99		
2.450	192	62	31	369	-73	0	0	0	490	-97		
2.484	195	63	31	369	-84	0	0	0	490	-112		
2.500	194	62	31	373	-90	0	0	0	496	-119		
2.542	186	60	29	370	-104	0	0	0	492	-139		
2.550	184	59	29	368	-107	0	0	0	489	-143		
2.600	163	52	26	355	-126	0	0	0	473	-168		
2.650	129	41	20	330	-146	0	0	0	439	-194		
2.667	115	36	18	322	-153	0	0	0	428	-203		
2.700	83	26	13	292	-165	0	0	0	388	-220		
2.750	24	7	3	243	-185	0	0	0	323	-246		
2.768	0	-1	-1	221	-192	0	0	-214	294	-256		
2.792	-35	-12	-6	197	-201	0	0	-233	262	-279		
2.800	-47	-16	-8	186	-205	0	0	-240	248	-288		
2.850	-133	-43	-21	123	-229	0	0	-308	164	-369		
2.887	-205	-66	-33	88	-246	0	0	-370	117	-443		
2.896	-223	-72	-35	81	-251	0	0	-385	108	-461		
2.900	-231	-75	-37	81	-253	0	0	-393	108	-471		
2.950	-343	-110	-54	78	-277	0	0	-504	104	-603		
3.000	-468	-149	-73	85	-343	0	0	-628	113	-752		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
3.000	-465	-148	-73	84	-334	0	0	-624	111	-747		
3.021	-412	-131	-65	76	-295	0	0	-572	101	-685		
3.042	-362	-115	-57	68	-279	0	0	-521	91	-624		
3.050	-345	-110	-54	66	-275	0	0	-504	87	-603		
3.100	-238	-76	-37	75	-251	0	0	-394	99	-472		
3.112	-214	-68	-34	84	-245	0	0	-372	112	-445		
3.150	-145	-46	-23	114	-229	0	0	-313	152	-374		
3.167	-116	-37	-18	135	-222	0	0	-286	180	-343		
3.200	-65	-20	-10	172	-208	0	0	-244	229	-292		
3.248	0	1	0	226	-188	0	0	-208	300	-250		
3.250	3	1	1	229	-187	0	0	0	305	-249		
3.292	50	17	8	272	-169	0	0	0	362	-225		
3.300	58	19	9	277	-166	0	0	0	369	-221		
3.350	104	34	16	321	-148	0	0	0	427	-196		
3.400	137	44	21	352	-129	0	0	0	468	-172		
3.417	145	47	23	362	-123	0	0	0	482	-163		
3.450	157	50	25	368	-111	0	0	0	489	-147		
3.500	165	53	26	375	-94	0	0	0	498	-124		
3.506	165	53	26	376	-94	0	0	0	500	-125		
3.542	161	52	25	371	-104	0	0	0	493	-139		
3.550	160	51	25	369	-107	0	0	0	490	-143		
3.600	144	46	22	356	-127	0	0	0	474	-168		
3.650	116	37	18	331	-146	0	0	0	440	-194		
3.667	103	32	16	322	-153	0	0	0	428	-203		
3.700	75	23	11	292	-165	0	0	0	388	-220		
3.750	22	6	3	243	-185	0	0	0	323	-246		
3.768	0	-1	0	221	-192	0	0	-214	294	-256		
3.792	-33	-12	-6	197	-201	0	0	-233	262	-279		
3.800	-44	-15	-7	186	-205	0	0	-241	247	-288		
3.850	-124	-41	-20	123	-228	0	0	-308	163	-369		
3.887	-193	-62	-31	88	-246	0	0	-371	117	-444		
3.896	-210	-68	-33	81	-250	0	0	-386	108	-463		
3.900	-217	-70	-34	81	-252	0	0	-394	107	-472		
3.950	-323	-103	-51	79	-277	0	0	-505	105	-605		
4.000	-443	-141	-69	92	-344	0	0	-630	122	-754		
4.000	-440	-140	-68	89	-335	0	0	-626	119	-749		
4.021	-388	-123	-60	82	-296	0	0	-574	109	-687		
4.042	-339	-108	-53	78	-280	0	0	-523	104	-626		
4.050	-321	-102	-50	78	-277	0	0	-505	103	-605		
4.100	-217	-69	-34	85	-253	0	0	-395	113	-473		
4.112	-193	-61	-30	94	-247	0	0	-373	125	-446		
4.150	-125	-40	-19	119	-231	0	0	-314	158	-376		
4.167	-97	-30	-15	135	-223	0	0	-288	180	-344		
4.200	-47	-14	-7	172	-209	0	0	-245	229	-293		
4.234	0	1	0	207	-195	0	0	-217	276	-259		
4.250	19	7	3	229	-188	0	0	0	305	-250		
4.292	65	22	11	273	-170	0	0	0	363	-226		
4.300	73	24	12	278	-168	0	0	0	369	-223		
4.350	117	38	19	321	-149	0	0	0	427	-198		
4.400	149	48	24	352	-130	0	0	0	468	-173		
4.417	156	50	25	363	-124	0	0	0	482	-164		
4.450	167	54	26	368	-111	0	0	0	489	-148		
4.499	173	56	27	374	-94	0	0	0	497	-124		
4.500	173	56	27	375	-94	0	0	0	499	-125		
4.542	169	54	27	371	-104	0	0	0	494	-139		
4.550	167	54	26	369	-107	0	0	0	491	-143		
4.600	150	48	23	356	-127	0	0	0	474	-168		
4.650	120	38	19	331	-146	0	0	0	440	-194		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
4.667	107	34	16	322	-153	0	0	0	428	-203		
4.700	78	24	12	292	-165	0	0	0	388	-220		
4.750	23	6	3	243	-185	0	0	0	323	-246		
4.768	0	-1	0	221	-192	0	0	-214	294	-256		
4.792	-34	-12	-6	197	-201	0	0	-233	262	-279		
4.800	-45	-15	-8	186	-205	0	0	-240	247	-288		
4.850	-127	-41	-20	123	-228	0	0	-308	163	-369		
4.887	-196	-64	-31	88	-246	0	0	-371	117	-444		
4.896	-213	-69	-34	81	-250	0	0	-386	108	-463		
4.900	-221	-71	-35	81	-252	0	0	-394	107	-472		
4.950	-329	-105	-52	79	-277	0	0	-505	105	-605		
5.000	-450	-143	-70	92	-344	0	0	-630	122	-754		
5.000	-447	-142	-70	90	-335	0	0	-626	119	-749		
5.021	-395	-126	-62	82	-297	0	0	-574	109	-687		
5.042	-345	-110	-54	79	-280	0	0	-523	105	-626		
5.050	-328	-104	-51	78	-277	0	0	-505	104	-605		
5.100	-223	-71	-35	85	-253	0	0	-395	113	-473		
5.112	-199	-63	-31	94	-247	0	0	-373	125	-447		
5.150	-131	-42	-20	119	-231	0	0	-314	159	-376		
5.167	-103	-32	-16	136	-223	0	0	-288	180	-344		
5.200	-52	-16	-8	174	-209	0	0	-245	231	-294		
5.238	0	1	0	213	-193	0	0	-215	283	-257		
5.250	14	5	3	229	-188	0	0	0	305	-251		
5.292	61	20	10	273	-170	0	0	0	363	-227		
5.300	69	23	11	278	-168	0	0	0	369	-223		
5.350	113	37	18	321	-149	0	0	0	427	-198		
5.400	145	47	23	352	-130	0	0	0	468	-173		
5.417	153	49	24	363	-124	0	0	0	482	-164		
5.450	164	53	26	368	-112	0	0	0	489	-148		
5.500	170	55	27	375	-94	0	0	0	499	-125		
5.501	170	55	27	375	-94	0	0	0	499	-125		
5.542	166	53	26	371	-104	0	0	0	494	-139		
5.550	164	53	26	369	-107	0	0	0	491	-143		
5.600	147	47	23	356	-126	0	0	0	474	-168		
5.650	118	37	18	331	-146	0	0	0	440	-194		
5.667	105	33	16	322	-152	0	0	0	428	-203		
5.700	76	24	12	292	-165	0	0	0	388	-220		
5.750	21	6	3	243	-185	0	0	0	323	-245		
5.767	0	-1	0	222	-191	0	0	-213	296	-255		
5.792	-35	-12	-6	197	-201	0	0	-232	261	-278		
5.800	-46	-16	-8	186	-205	0	0	-240	247	-287		
5.850	-127	-42	-20	123	-228	0	0	-308	163	-369		
5.888	-197	-64	-31	84	-245	0	0	-370	111	-443		
5.896	-214	-69	-34	77	-250	0	0	-386	102	-462		
5.900	-221	-71	-35	76	-252	0	0	-394	102	-472		
5.950	-329	-105	-52	70	-276	0	0	-505	93	-604		
6.000	-450	-143	-70	83	-344	0	0	-629	110	-753		
6.000	-446	-142	-70	83	-335	0	0	-625	110	-749		
6.021	-394	-125	-61	81	-297	0	0	-574	108	-687		
6.042	-345	-109	-54	79	-281	0	0	-523	105	-625		
6.050	-327	-104	-51	78	-277	0	0	-505	104	-604		
6.100	-222	-71	-35	85	-253	0	0	-395	113	-473		
6.112	-198	-63	-31	94	-247	0	0	-373	125	-446		
6.150	-130	-41	-20	119	-231	0	0	-314	159	-376		
6.167	-101	-32	-16	136	-223	0	0	-288	180	-344		
6.200	-51	-16	-8	173	-209	0	0	-245	231	-294		
6.237	0	1	0	211	-194	0	0	-215	281	-258		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
6.250	16	6	3	229	-188	0	0	0	305	-251		
6.292	63	21	10	273	-170	0	0	0	363	-227		
6.300	71	24	12	278	-168	0	0	0	369	-223		
6.350	115	37	18	321	-149	0	0	0	427	-198		
6.400	147	47	23	352	-130	0	0	0	468	-173		
6.417	156	50	25	362	-124	0	0	0	482	-164		
6.450	167	53	26	367	-111	0	0	0	489	-148		
6.500	174	56	27	374	-93	0	0	0	498	-123		
6.502	174	56	27	375	-92	0	0	0	498	-123		
6.542	169	54	27	370	-86	0	0	0	493	-114		
6.550	168	54	26	368	-88	0	0	0	490	-117		
6.600	151	48	24	356	-104	0	0	0	473	-138		
6.650	122	38	19	330	-120	0	0	0	439	-160		
6.667	109	34	17	321	-126	0	0	0	427	-167		
6.700	81	25	12	291	-137	0	0	0	387	-182		
6.750	26	7	4	241	-153	0	0	0	321	-204		
6.771	0	-1	-1	216	-160	0	0	-179	287	-215		
6.792	-30	-11	-5	195	-167	0	0	-196	260	-234		
6.800	-41	-14	-7	184	-170	0	0	-203	245	-244		
6.850	-122	-40	-20	122	-190	0	0	-265	162	-318		
6.896	-208	-67	-33	75	-208	0	0	-339	100	-406		
6.900	-216	-70	-34	75	-210	0	0	-347	99	-415		
6.950	-322	-103	-51	67	-240	0	0	-451	89	-540		
7.000	-443	-141	-69	83	-327	0	0	-567	111	-679		
7.000	-439	-140	-69	83	-322	0	0	-564	111	-676		
7.026	-387	-123	-61	82	-296	0	0	-513	108	-614		
7.050	-341	-109	-54	80	-284	0	0	-470	106	-563		
7.053	-336	-107	-53	80	-282	0	0	-465	106	-557		
7.100	-252	-81	-40	76	-265	0	0	-387	101	-463		
7.125	-210	-67	-33	85	-256	0	0	-350	113	-418		
7.150	-171	-55	-27	104	-247	0	0	-318	139	-381		
7.200	-98	-32	-16	140	-230	0	0	-266	186	-318		
7.209	-86	-28	-14	150	-227	0	0	-258	199	-309		
7.250	-34	-11	-5	194	-214	0	0	-238	258	-285		
7.279	0	0	0	219	-205	0	0	-227	292	-272		
7.300	23	7	4	242	-198	0	0	0	322	-263		
7.350	72	23	11	280	-182	0	0	0	373	-242		
7.365	85	27	13	291	-177	0	0	0	387	-235		
7.400	113	36	18	315	-167	0	0	0	419	-222		
7.450	147	47	23	342	-152	0	0	0	454	-202		
7.500	173	55	27	360	-138	0	0	0	478	-183		
7.522	182	58	29	365	-131	0	0	0	486	-175		
7.550	191	61	30	373	-123	0	0	0	496	-164		
7.600	201	64	32	376	-109	0	0	0	500	-144		
7.636	203	65	32	368	-98	0	0	0	489	-130		
7.650	203	65	32	367	-94	0	0	0	488	-124		
7.678	200	64	32	356	-85	0	0	0	474	-113		
7.700	197	63	31	352	-80	0	0	0	468	-106		
7.750	185	59	29	327	-67	0	0	0	435	-89		
7.800	164	52	26	292	-54	0	0	0	388	-72		
7.839	142	45	22	251	-43	0	0	0	333	-58		
7.850	135	43	21	244	-40	0	0	0	324	-54		
7.900	98	31	15	181	-27	0	0	0	241	-36		
7.942	62	19	10	117	-16	0	0	0	156	-21		
7.950	53	17	8	104	-13	0	0	0	138	-18		
7.958	46	14	7	89	-11	0	0	0	118	-15		
8.000	0	0	0	1	-7	0	0	-8	1	-9		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
8.000	0	0	0	0	-5	0	0	-6	0	-7		
8.375	0	0	0	0	-3	0	0	-4	0	-4		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-3 MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
0.000	0	0	0	0	-1	0	0	0	1	-2		
0.625	0	0	0	1	-5	0	0	-5	1	-6		
1.000	0	0	0	1	-7	0	0	-8	1	-9		
1.000	0	0	0	1	-7	0	0	-8	1	-9		
1.049	38	12	6	80	-13	0	0	0	107	-18		
1.050	39	12	6	81	-14	0	0	0	108	-18		
1.100	72	23	11	143	-28	0	0	0	190	-37		
1.109	77	24	12	155	-30	0	0	0	206	-40		
1.150	98	31	15	195	-41	0	0	0	259	-55		
1.169	107	34	16	214	-46	0	0	0	285	-62		
1.173	108	34	16	216	-47	0	0	0	287	-63		
1.188	114	36	17	230	-51	0	0	0	306	-68		
1.200	118	38	18	236	-55	0	0	0	314	-73		
1.250	132	42	20	269	-68	0	0	0	358	-91		
1.300	140	45	21	296	-82	0	0	0	394	-109		
1.346	142	45	21	314	-95	0	0	0	417	-126		
1.350	142	45	21	314	-96	0	0	0	418	-128		
1.353	142	45	21	314	-97	0	0	0	418	-129		
1.400	139	44	21	324	-111	0	0	0	431	-147		
1.450	131	41	19	327	-126	0	0	0	434	-167		
1.500	115	36	17	323	-140	0	0	0	429	-187		
1.525	106	33	15	321	-148	0	0	0	427	-196		
1.550	94	29	14	313	-155	0	0	0	416	-207		
1.600	67	20	9	293	-170	0	0	0	390	-226		
1.650	33	10	4	265	-185	0	0	0	352	-246		
1.692	0	-1	-1	237	-198	0	0	-222	315	-266		
1.700	-6	-3	-2	232	-200	0	0	-225	308	-269		
1.703	-9	-4	-2	230	-201	0	0	-226	306	-270		
1.750	-53	-18	-9	186	-217	0	0	-244	248	-292		
1.800	-106	-35	-17	135	-235	0	0	-263	180	-315		
1.850	-165	-54	-26	92	-253	0	0	-304	122	-364		
1.852	-167	-54	-27	91	-253	0	0	-306	121	-366		
1.893	-220	-71	-35	76	-268	0	0	-362	101	-433		
1.900	-230	-74	-36	77	-271	0	0	-372	102	-446		
1.950	-302	-97	-47	82	-289	0	0	-460	109	-550		
2.000	-380	-121	-59	86	-307	0	0	-554	115	-663		
2.000	-377	-121	-59	85	-306	0	0	-550	114	-658		
2.021	-327	-105	-51	78	-261	0	0	-498	103	-596		
2.042	-281	-90	-43	70	-220	0	0	-447	93	-535		
2.050	-264	-84	-41	67	-206	0	0	-429	89	-514		
2.075	-212	-68	-33	58	-175	0	0	-372	78	-445		
2.100	-164	-52	-25	72	-167	0	0	-318	96	-380		
2.150	-77	-24	-12	110	-151	0	0	-221	146	-265		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
2.167	-50	-16	-7	128	-146	0	0	-196	170	-235		
2.200	-2	0	0	166	-137	0	0	-158	221	-190		
2.202	0	0	1	169	-136	0	0	-157	225	-188		
2.250	60	20	10	227	-123	0	0	0	302	-163		
2.292	102	34	17	271	-111	0	0	0	360	-147		
2.300	109	36	18	276	-109	0	0	0	367	-145		
2.350	150	49	24	321	-97	0	0	0	427	-128		
2.400	177	57	28	353	-84	0	0	0	469	-112		
2.417	184	59	29	365	-80	0	0	0	485	-106		
2.450	192	62	31	374	-75	0	0	0	498	-100		
2.484	195	63	31	375	-85	0	0	0	499	-113		
2.500	194	62	31	380	-90	0	0	0	505	-120		
2.542	186	60	29	376	-105	0	0	0	500	-140		
2.550	184	59	29	374	-108	0	0	0	497	-144		
2.600	163	52	26	360	-128	0	0	0	479	-170		
2.650	129	41	20	334	-147	0	0	0	444	-196		
2.667	115	36	18	325	-154	0	0	0	432	-204		
2.700	83	26	13	295	-167	0	0	0	392	-222		
2.750	24	7	3	245	-186	0	0	0	326	-248		
2.768	0	-1	-1	224	-193	0	0	-217	297	-259		
2.792	-35	-12	-6	198	-203	0	0	-228	263	-273		
2.800	-47	-16	-8	186	-206	0	0	-234	248	-280		
2.850	-133	-43	-21	122	-230	0	0	-293	162	-350		
2.887	-205	-66	-33	88	-248	0	0	-366	117	-438		
2.896	-223	-72	-35	82	-252	0	0	-386	109	-462		
2.900	-231	-75	-37	81	-254	0	0	-395	108	-473		
2.950	-343	-110	-54	79	-279	0	0	-528	105	-633		
3.000	-468	-149	-73	85	-338	0	0	-668	114	-800		
3.000	-465	-148	-73	84	-329	0	0	-665	112	-796		
3.021	-412	-131	-65	76	-294	0	0	-606	102	-725		
3.042	-362	-115	-57	69	-281	0	0	-547	91	-655		
3.050	-345	-110	-54	66	-277	0	0	-527	88	-631		
3.100	-238	-76	-37	76	-253	0	0	-399	101	-478		
3.112	-214	-68	-34	85	-248	0	0	-370	113	-443		
3.150	-145	-46	-23	113	-231	0	0	-297	150	-355		
3.167	-116	-37	-18	132	-223	0	0	-268	176	-321		
3.200	-65	-20	-10	171	-209	0	0	-235	228	-281		
3.248	0	1	0	228	-189	0	0	-211	303	-253		
3.250	3	1	1	231	-188	0	0	0	308	-250		
3.292	50	17	8	275	-170	0	0	0	365	-226		
3.300	58	19	9	279	-168	0	0	0	372	-223		
3.350	104	34	16	324	-149	0	0	0	431	-198		
3.400	137	44	21	356	-130	0	0	0	473	-173		
3.417	145	47	23	367	-123	0	0	0	488	-164		
3.450	157	50	25	374	-111	0	0	0	497	-148		
3.500	165	53	26	381	-94	0	0	0	507	-125		
3.506	165	53	26	382	-95	0	0	0	508	-126		
3.542	161	52	25	377	-105	0	0	0	502	-140		
3.550	160	51	25	375	-108	0	0	0	499	-144		
3.600	144	46	22	361	-128	0	0	0	480	-170		
3.650	116	37	18	334	-147	0	0	0	444	-196		
3.667	103	32	16	325	-154	0	0	0	432	-205		
3.700	75	23	11	295	-167	0	0	0	392	-222		
3.750	22	6	3	245	-186	0	0	0	326	-248		
3.768	0	-1	0	224	-193	0	0	-216	298	-259		
3.792	-33	-12	-6	197	-202	0	0	-228	263	-273		
3.800	-44	-15	-7	186	-206	0	0	-234	247	-280		
3.850	-124	-41	-20	122	-230	0	0	-293	162	-350		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
3.887	-193	-62	-31	88	-247	0	0	-367	117	-439		
3.896	-210	-68	-33	81	-251	0	0	-387	108	-463		
3.900	-217	-70	-34	81	-254	0	0	-396	108	-474		
3.950	-323	-103	-51	80	-278	0	0	-529	106	-634		
4.000	-443	-141	-69	92	-339	0	0	-669	123	-801		
4.000	-440	-140	-68	90	-329	0	0	-666	120	-797		
4.021	-388	-123	-60	82	-296	0	0	-607	110	-726		
4.042	-339	-108	-53	79	-283	0	0	-548	105	-656		
4.050	-321	-102	-50	78	-279	0	0	-528	104	-632		
4.100	-217	-69	-34	85	-255	0	0	-400	113	-479		
4.112	-193	-61	-30	94	-249	0	0	-371	125	-444		
4.150	-125	-40	-19	118	-232	0	0	-298	157	-357		
4.167	-97	-30	-15	133	-225	0	0	-269	176	-322		
4.200	-47	-14	-7	172	-210	0	0	-236	228	-283		
4.234	0	1	0	210	-196	0	0	-219	279	-262		
4.250	19	7	3	232	-189	0	0	0	308	-252		
4.292	65	22	11	275	-171	0	0	0	366	-228		
4.300	73	24	12	280	-169	0	0	0	372	-224		
4.350	117	38	19	325	-150	0	0	0	432	-199		
4.400	149	48	24	356	-131	0	0	0	474	-174		
4.417	156	50	25	367	-124	0	0	0	488	-165		
4.450	167	54	26	374	-112	0	0	0	498	-149		
4.499	173	56	27	380	-94	0	0	0	505	-125		
4.500	173	56	27	381	-95	0	0	0	507	-126		
4.542	169	54	27	377	-105	0	0	0	502	-140		
4.550	167	54	26	375	-108	0	0	0	499	-144		
4.600	150	48	23	361	-128	0	0	0	480	-170		
4.650	120	38	19	334	-147	0	0	0	444	-196		
4.667	107	34	16	325	-154	0	0	0	432	-205		
4.700	78	24	12	295	-167	0	0	0	392	-222		
4.750	23	6	3	245	-186	0	0	0	326	-248		
4.768	0	-1	0	224	-193	0	0	-216	297	-259		
4.792	-34	-12	-6	197	-202	0	0	-228	263	-273		
4.800	-45	-15	-8	186	-206	0	0	-234	247	-280		
4.850	-127	-41	-20	122	-230	0	0	-293	162	-350		
4.887	-196	-64	-31	88	-247	0	0	-367	117	-439		
4.896	-213	-69	-34	81	-251	0	0	-387	108	-463		
4.900	-221	-71	-35	81	-254	0	0	-396	108	-474		
4.950	-329	-105	-52	80	-278	0	0	-530	106	-634		
5.000	-450	-143	-70	92	-339	0	0	-670	123	-801		
5.000	-447	-142	-70	90	-330	0	0	-666	120	-797		
5.021	-395	-126	-62	83	-296	0	0	-607	110	-726		
5.042	-345	-110	-54	79	-283	0	0	-548	106	-656		
5.050	-328	-104	-51	79	-279	0	0	-528	105	-632		
5.100	-223	-71	-35	85	-255	0	0	-400	113	-479		
5.112	-199	-63	-31	94	-249	0	0	-371	125	-444		
5.150	-131	-42	-20	118	-232	0	0	-298	158	-357		
5.167	-103	-32	-16	133	-225	0	0	-269	177	-322		
5.200	-52	-16	-8	174	-210	0	0	-236	231	-283		
5.238	0	1	0	215	-194	0	0	-217	286	-260		
5.250	14	5	3	232	-189	0	0	0	308	-252		
5.292	61	20	10	275	-171	0	0	0	366	-228		
5.300	69	23	11	280	-169	0	0	0	372	-224		
5.350	113	37	18	325	-150	0	0	0	432	-199		
5.400	145	47	23	356	-131	0	0	0	474	-174		
5.417	153	49	24	367	-124	0	0	0	488	-165		
5.450	164	53	26	374	-112	0	0	0	498	-149		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
5.500	170	55	27	381	-95	0	0	0	507	-126		
5.501	170	55	27	382	-95	0	0	0	507	-126		
5.542	166	53	26	377	-105	0	0	0	502	-140		
5.550	164	53	26	375	-108	0	0	0	499	-144		
5.600	147	47	23	361	-127	0	0	0	480	-170		
5.650	118	37	18	334	-147	0	0	0	444	-195		
5.667	105	33	16	325	-153	0	0	0	432	-204		
5.700	76	24	12	295	-166	0	0	0	392	-221		
5.750	21	6	3	245	-186	0	0	0	326	-247		
5.767	0	-1	0	225	-192	0	0	-215	299	-258		
5.792	-35	-12	-6	197	-202	0	0	-228	262	-272		
5.800	-46	-16	-8	186	-206	0	0	-234	247	-280		
5.850	-127	-42	-20	121	-229	0	0	-292	162	-350		
5.888	-197	-64	-31	84	-247	0	0	-366	112	-439		
5.896	-214	-69	-34	78	-251	0	0	-386	103	-463		
5.900	-221	-71	-35	77	-253	0	0	-396	103	-474		
5.950	-329	-105	-52	72	-278	0	0	-529	96	-633		
6.000	-450	-143	-70	84	-339	0	0	-669	112	-801		
6.000	-446	-142	-70	84	-329	0	0	-665	111	-797		
6.021	-394	-125	-61	82	-296	0	0	-606	108	-726		
6.042	-345	-109	-54	79	-283	0	0	-548	106	-656		
6.050	-327	-104	-51	79	-279	0	0	-527	105	-631		
6.100	-222	-71	-35	85	-255	0	0	-399	113	-478		
6.112	-198	-63	-31	94	-249	0	0	-370	125	-443		
6.150	-130	-41	-20	119	-232	0	0	-298	158	-356		
6.167	-101	-32	-16	133	-225	0	0	-269	177	-322		
6.200	-51	-16	-8	173	-211	0	0	-236	230	-283		
6.237	0	1	0	213	-195	0	0	-218	284	-261		
6.250	16	6	3	232	-189	0	0	0	308	-252		
6.292	63	21	10	275	-171	0	0	0	366	-228		
6.300	71	24	12	280	-169	0	0	0	372	-224		
6.350	115	37	18	324	-150	0	0	0	432	-199		
6.400	147	47	23	356	-131	0	0	0	473	-174		
6.417	156	50	25	367	-124	0	0	0	488	-165		
6.450	167	53	26	374	-112	0	0	0	497	-149		
6.500	174	56	27	381	-93	0	0	0	507	-124		
6.502	174	56	27	381	-93	0	0	0	507	-123		
6.542	169	54	27	377	-89	0	0	0	501	-118		
6.550	168	54	26	374	-92	0	0	0	498	-122		
6.600	151	48	24	360	-108	0	0	0	479	-144		
6.650	122	38	19	333	-125	0	0	0	443	-167		
6.667	109	34	17	324	-131	0	0	0	431	-174		
6.700	81	25	12	293	-142	0	0	0	390	-189		
6.750	26	7	4	244	-159	0	0	0	324	-212		
6.771	0	-1	-1	218	-166	0	0	-185	290	-221		
6.792	-30	-11	-5	196	-174	0	0	-196	261	-235		
6.800	-41	-14	-7	184	-177	0	0	-202	245	-242		
6.850	-122	-40	-20	120	-197	0	0	-262	160	-314		
6.896	-208	-67	-33	75	-217	0	0	-356	100	-426		
6.900	-216	-70	-34	75	-219	0	0	-365	99	-437		
6.950	-322	-103	-51	67	-248	0	0	-490	89	-587		
7.000	-443	-141	-69	84	-317	0	0	-623	111	-746		
7.000	-439	-140	-69	84	-312	0	0	-621	112	-743		
7.026	-387	-123	-61	82	-297	0	0	-561	109	-672		
7.050	-341	-109	-54	80	-286	0	0	-510	107	-611		
7.053	-336	-107	-53	80	-284	0	0	-504	106	-604		
7.100	-252	-81	-40	76	-267	0	0	-407	101	-487		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
7.125	-210	-67	-33	85	-258	0	0	-360	113	-431		
7.150	-171	-55	-27	104	-249	0	0	-320	139	-383		
7.200	-98	-32	-16	138	-232	0	0	-262	184	-314		
7.209	-86	-28	-14	149	-229	0	0	-257	198	-307		
7.250	-34	-11	-5	195	-215	0	0	-241	259	-289		
7.279	0	0	0	221	-206	0	0	-230	294	-276		
7.300	23	7	4	245	-199	0	0	0	325	-265		
7.350	72	23	11	285	-183	0	0	0	379	-243		
7.365	85	27	13	297	-178	0	0	0	395	-236		
7.400	113	36	18	323	-168	0	0	0	430	-223		
7.450	147	47	23	353	-153	0	0	0	469	-204		
7.500	173	55	27	372	-139	0	0	0	495	-184		
7.522	182	58	29	379	-132	0	0	0	504	-176		
7.550	191	61	30	385	-124	0	0	0	512	-165		
7.600	201	64	32	386	-109	0	0	0	513	-145		
7.636	203	65	32	376	-98	0	0	0	500	-130		
7.650	203	65	32	375	-94	0	0	0	499	-125		
7.678	200	64	32	364	-86	0	0	0	484	-114		
7.700	197	63	31	358	-80	0	0	0	476	-107		
7.750	185	59	29	332	-67	0	0	0	442	-90		
7.800	164	52	26	296	-54	0	0	0	393	-72		
7.839	142	45	22	253	-43	0	0	0	336	-58		
7.850	135	43	21	246	-41	0	0	0	327	-54		
7.900	98	31	15	183	-27	0	0	0	243	-36		
7.942	62	19	10	118	-16	0	0	0	157	-21		
7.950	53	17	8	105	-13	0	0	0	139	-18		
7.958	46	14	7	90	-11	0	0	0	119	-15		
8.000	0	0	0	1	-6	0	0	-7	1	-9		
8.000	0	0	0	0	-5	0	0	-6	0	-7		
8.375	0	0	0	0	-3	0	0	-4	0	-4		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
0.000	0	0	0	0	-1	0	0	0	1	-2		
0.625	0	0	0	1	-6	0	0	-7	1	-8		
1.000	0	0	0	1	-10	0	0	-11	1	-13		
1.000	0	0	0	1	-10	0	0	-11	1	-13		
1.049	38	12	6	83	-13	0	0	0	111	-18		
1.050	39	12	6	83	-14	0	0	0	111	-18		
1.100	72	23	11	145	-27	0	0	0	193	-36		
1.109	77	24	12	158	-30	0	0	0	210	-39		
1.150	98	31	15	198	-41	0	0	0	263	-54		
1.169	107	34	16	214	-46	0	0	0	285	-61		
1.173	108	34	16	216	-47	0	0	0	287	-63		
1.188	114	36	17	230	-51	0	0	0	306	-68		
1.200	118	38	18	235	-54	0	0	0	313	-72		
1.250	132	42	20	268	-68	0	0	0	356	-90		
1.300	140	45	21	288	-82	0	0	0	383	-108		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.346	142	45	21	303	-94	0	0	0	403	-125		
1.350	142	45	21	299	-95	0	0	0	398	-127		
1.353	142	45	21	299	-96	0	0	0	398	-128		
1.400	139	44	21	308	-110	0	0	0	409	-146		
1.450	131	41	19	313	-124	0	0	0	416	-165		
1.500	115	36	17	307	-139	0	0	0	409	-185		
1.525	106	33	15	306	-146	0	0	0	407	-195		
1.550	94	29	14	298	-154	0	0	0	396	-205		
1.600	67	20	9	282	-169	0	0	0	375	-225		
1.650	33	10	4	257	-184	0	0	0	341	-245		
1.692	0	-1	-1	227	-196	0	0	-220	302	-263		
1.700	-6	-3	-2	222	-199	0	0	-222	296	-266		
1.703	-9	-4	-2	222	-200	0	0	-223	295	-267		
1.750	-53	-18	-9	181	-216	0	0	-241	240	-289		
1.800	-106	-35	-17	131	-233	0	0	-262	174	-313		
1.850	-165	-54	-26	86	-252	0	0	-303	115	-363		
1.852	-167	-54	-27	85	-252	0	0	-305	113	-365		
1.893	-220	-71	-35	75	-264	0	0	-359	100	-429		
1.900	-230	-74	-36	76	-267	0	0	-367	101	-440		
1.950	-302	-97	-47	81	-285	0	0	-453	107	-542		
2.000	-380	-121	-59	85	-302	0	0	-548	114	-657		
2.000	-377	-121	-59	84	-301	0	0	-545	112	-652		
2.021	-327	-105	-51	77	-259	0	0	-491	102	-588		
2.042	-281	-90	-43	69	-217	0	0	-441	91	-527		
2.050	-264	-84	-41	66	-205	0	0	-420	88	-502		
2.075	-212	-68	-33	58	-172	0	0	-365	77	-437		
2.100	-164	-52	-25	66	-165	0	0	-312	87	-373		
2.150	-77	-24	-12	105	-149	0	0	-220	139	-263		
2.167	-50	-16	-7	123	-144	0	0	-195	164	-234		
2.200	-2	0	0	159	-134	0	0	-157	212	-188		
2.202	0	0	1	162	-134	0	0	-156	215	-187		
2.250	60	20	10	218	-121	0	0	0	289	-161		
2.292	102	34	17	262	-109	0	0	0	348	-145		
2.300	109	36	18	265	-108	0	0	0	352	-143		
2.350	150	49	24	310	-95	0	0	0	412	-127		
2.400	177	57	28	337	-83	0	0	0	449	-110		
2.417	184	59	29	350	-79	0	0	0	465	-105		
2.450	192	62	31	360	-74	0	0	0	478	-98		
2.484	195	63	31	361	-84	0	0	0	480	-111		
2.500	194	62	31	367	-89	0	0	0	488	-119		
2.542	186	60	29	362	-104	0	0	0	481	-138		
2.550	184	59	29	359	-107	0	0	0	478	-142		
2.600	163	52	26	347	-126	0	0	0	461	-167		
2.650	129	41	20	322	-145	0	0	0	428	-193		
2.667	115	36	18	314	-152	0	0	0	417	-202		
2.700	83	26	13	285	-165	0	0	0	380	-219		
2.750	24	7	3	234	-184	0	0	0	312	-245		
2.768	0	-1	-1	214	-191	0	0	-214	284	-257		
2.792	-35	-12	-6	187	-201	0	0	-226	248	-270		
2.800	-47	-16	-8	177	-205	0	0	-233	235	-279		
2.850	-133	-43	-21	117	-228	0	0	-293	156	-351		
2.887	-205	-66	-33	80	-246	0	0	-366	107	-438		
2.896	-223	-72	-35	75	-251	0	0	-385	100	-461		
2.900	-231	-75	-37	75	-251	0	0	-392	99	-469		
2.950	-343	-110	-54	78	-275	0	0	-518	104	-620		
3.000	-468	-149	-73	84	-332	0	0	-663	112	-793		
3.000	-465	-148	-73	83	-323	0	0	-659	111	-788		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
3.021	-412	-131	-65	76	-291	0	0	-594	101	-711		
3.042	-362	-115	-57	68	-277	0	0	-541	90	-647		
3.050	-345	-110	-54	65	-273	0	0	-520	87	-623		
3.100	-238	-76	-37	69	-250	0	0	-395	92	-473		
3.112	-214	-68	-34	76	-244	0	0	-368	101	-441		
3.150	-145	-46	-23	108	-227	0	0	-297	143	-356		
3.167	-116	-37	-18	127	-222	0	0	-270	169	-323		
3.200	-65	-20	-10	164	-208	0	0	-233	218	-279		
3.248	0	1	0	218	-188	0	0	-209	291	-250		
3.250	3	1	1	222	-187	0	0	0	295	-249		
3.292	50	17	8	265	-169	0	0	0	352	-225		
3.300	58	19	9	268	-166	0	0	0	356	-221		
3.350	104	34	16	312	-147	0	0	0	415	-196		
3.400	137	44	21	341	-129	0	0	0	453	-171		
3.417	145	47	23	352	-122	0	0	0	468	-163		
3.450	157	50	25	362	-110	0	0	0	481	-147		
3.500	165	53	26	368	-93	0	0	0	489	-124		
3.506	165	53	26	370	-94	0	0	0	491	-125		
3.542	161	52	25	363	-104	0	0	0	482	-138		
3.550	160	51	25	360	-107	0	0	0	479	-142		
3.600	144	46	22	348	-126	0	0	0	462	-168		
3.650	116	37	18	322	-145	0	0	0	429	-193		
3.667	103	32	16	314	-152	0	0	0	418	-202		
3.700	75	23	11	285	-165	0	0	0	380	-219		
3.750	22	6	3	234	-184	0	0	0	311	-245		
3.768	0	-1	0	214	-191	0	0	-214	285	-256		
3.792	-33	-12	-6	186	-201	0	0	-226	248	-270		
3.800	-44	-15	-7	177	-205	0	0	-233	235	-279		
3.850	-124	-41	-20	117	-228	0	0	-294	156	-351		
3.887	-193	-62	-31	80	-246	0	0	-366	106	-439		
3.896	-210	-68	-33	75	-251	0	0	-385	100	-461		
3.900	-217	-70	-34	74	-251	0	0	-393	99	-470		
3.950	-323	-103	-51	79	-275	0	0	-519	105	-621		
4.000	-443	-141	-69	92	-333	0	0	-664	122	-794		
4.000	-440	-140	-68	89	-324	0	0	-660	119	-789		
4.021	-388	-123	-60	82	-293	0	0	-595	109	-712		
4.042	-339	-108	-53	79	-279	0	0	-542	104	-649		
4.050	-321	-102	-50	78	-275	0	0	-521	103	-624		
4.100	-217	-69	-34	78	-251	0	0	-396	104	-474		
4.112	-193	-61	-30	85	-245	0	0	-369	113	-442		
4.150	-125	-40	-19	114	-228	0	0	-298	152	-357		
4.167	-97	-30	-15	128	-223	0	0	-271	170	-324		
4.200	-47	-14	-7	164	-209	0	0	-234	218	-280		
4.234	0	1	0	199	-195	0	0	-217	265	-259		
4.250	19	7	3	222	-188	0	0	0	295	-251		
4.292	65	22	11	265	-170	0	0	0	353	-226		
4.300	73	24	12	268	-167	0	0	0	357	-222		
4.350	117	38	19	313	-148	0	0	0	416	-197		
4.400	149	48	24	341	-130	0	0	0	453	-172		
4.417	156	50	25	352	-124	0	0	0	469	-164		
4.450	167	54	26	362	-112	0	0	0	482	-148		
4.499	173	56	27	367	-93	0	0	0	488	-124		
4.500	173	56	27	368	-94	0	0	0	490	-125		
4.542	169	54	27	363	-104	0	0	0	483	-138		
4.550	167	54	26	361	-107	0	0	0	480	-142		
4.600	150	48	23	348	-126	0	0	0	462	-168		
4.650	120	38	19	323	-145	0	0	0	429	-193		
4.667	107	34	16	314	-152	0	0	0	418	-202		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
4.700	78	24	12	286	-165	0	0	0	380	-219		
4.750	23	6	3	234	-184	0	0	0	311	-245		
4.768	0	-1	0	214	-191	0	0	-214	284	-256		
4.792	-34	-12	-6	186	-201	0	0	-226	248	-270		
4.800	-45	-15	-8	177	-205	0	0	-233	235	-279		
4.850	-127	-41	-20	117	-228	0	0	-293	156	-351		
4.887	-196	-64	-31	80	-246	0	0	-366	106	-439		
4.896	-213	-69	-34	75	-251	0	0	-385	100	-461		
4.900	-221	-71	-35	74	-250	0	0	-393	99	-470		
4.950	-329	-105	-52	79	-274	0	0	-519	105	-621		
5.000	-450	-143	-70	92	-333	0	0	-664	122	-794		
5.000	-447	-142	-70	90	-324	0	0	-660	119	-790		
5.021	-395	-126	-62	82	-293	0	0	-595	109	-712		
5.042	-345	-110	-54	79	-279	0	0	-542	105	-649		
5.050	-328	-104	-51	78	-275	0	0	-521	104	-624		
5.100	-223	-71	-35	78	-251	0	0	-396	104	-474		
5.112	-199	-63	-31	85	-245	0	0	-369	113	-442		
5.150	-131	-42	-20	114	-228	0	0	-298	152	-357		
5.167	-103	-32	-16	128	-223	0	0	-271	170	-324		
5.200	-52	-16	-8	165	-209	0	0	-234	220	-280		
5.238	0	1	0	205	-193	0	0	-215	273	-257		
5.250	14	5	3	222	-188	0	0	0	295	-251		
5.292	61	20	10	265	-170	0	0	0	353	-226		
5.300	69	23	11	268	-167	0	0	0	357	-222		
5.350	113	37	18	313	-148	0	0	0	416	-197		
5.400	145	47	23	341	-130	0	0	0	453	-173		
5.417	153	49	24	352	-124	0	0	0	469	-164		
5.450	164	53	26	362	-112	0	0	0	482	-148		
5.500	170	55	27	368	-94	0	0	0	490	-125		
5.501	170	55	27	368	-94	0	0	0	490	-125		
5.542	166	53	26	363	-104	0	0	0	482	-138		
5.550	164	53	26	361	-107	0	0	0	479	-142		
5.600	147	47	23	348	-126	0	0	0	462	-167		
5.650	118	37	18	322	-145	0	0	0	429	-193		
5.667	105	33	16	314	-152	0	0	0	418	-202		
5.700	76	24	12	285	-165	0	0	0	380	-219		
5.750	21	6	3	234	-184	0	0	0	311	-245		
5.767	0	-1	0	215	-191	0	0	-213	286	-256		
5.792	-35	-12	-6	186	-200	0	0	-225	248	-270		
5.800	-46	-16	-8	176	-204	0	0	-232	235	-278		
5.850	-127	-42	-20	117	-227	0	0	-293	155	-351		
5.888	-197	-64	-31	77	-245	0	0	-366	102	-438		
5.896	-214	-69	-34	72	-248	0	0	-383	96	-458		
5.900	-221	-71	-35	71	-250	0	0	-392	94	-470		
5.950	-329	-105	-52	71	-274	0	0	-519	95	-621		
6.000	-450	-143	-70	83	-333	0	0	-663	111	-794		
6.000	-446	-142	-70	83	-324	0	0	-659	111	-789		
6.021	-394	-125	-61	81	-293	0	0	-595	108	-712		
6.042	-345	-109	-54	79	-279	0	0	-542	105	-648		
6.050	-327	-104	-51	78	-276	0	0	-521	104	-624		
6.100	-222	-71	-35	78	-251	0	0	-396	104	-474		
6.112	-198	-63	-31	85	-246	0	0	-369	114	-442		
6.150	-130	-41	-20	114	-229	0	0	-298	152	-357		
6.167	-101	-32	-16	128	-223	0	0	-271	170	-324		
6.200	-51	-16	-8	165	-210	0	0	-234	219	-280		
6.237	0	1	0	203	-194	0	0	-216	270	-258		
6.250	16	6	3	222	-189	0	0	0	295	-251		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
6.292	63	21	10	265	-170	0	0	0	353	-226		
6.300	71	24	12	268	-167	0	0	0	357	-223		
6.350	115	37	18	312	-148	0	0	0	416	-197		
6.400	147	47	23	341	-130	0	0	0	453	-173		
6.417	156	50	25	352	-124	0	0	0	468	-164		
6.450	167	53	26	362	-112	0	0	0	481	-148		
6.500	174	56	27	368	-93	0	0	0	489	-124		
6.502	174	56	27	368	-92	0	0	0	490	-123		
6.542	169	54	27	362	-88	0	0	0	482	-117		
6.550	168	54	26	360	-90	0	0	0	479	-120		
6.600	151	48	24	347	-107	0	0	0	461	-142		
6.650	122	38	19	322	-124	0	0	0	428	-165		
6.667	109	34	17	313	-129	0	0	0	416	-172		
6.700	81	25	12	284	-141	0	0	0	378	-187		
6.750	26	7	4	233	-158	0	0	0	309	-210		
6.771	0	-1	-1	208	-165	0	0	-182	277	-219		
6.792	-30	-11	-5	185	-172	0	0	-195	247	-234		
6.800	-41	-14	-7	175	-175	0	0	-201	233	-240		
6.850	-122	-40	-20	113	-196	0	0	-263	151	-314		
6.896	-208	-67	-33	69	-214	0	0	-352	92	-421		
6.900	-216	-70	-34	69	-216	0	0	-361	91	-432		
6.950	-322	-103	-51	67	-245	0	0	-477	89	-571		
7.000	-443	-141	-69	83	-312	0	0	-618	111	-740		
7.000	-439	-140	-69	84	-307	0	0	-614	111	-734		
7.026	-387	-123	-61	82	-294	0	0	-555	109	-665		
7.050	-341	-109	-54	80	-282	0	0	-502	106	-601		
7.053	-336	-107	-53	80	-280	0	0	-498	106	-596		
7.100	-252	-81	-40	76	-263	0	0	-403	101	-482		
7.125	-210	-67	-33	81	-254	0	0	-359	107	-430		
7.150	-171	-55	-27	99	-245	0	0	-318	132	-380		
7.200	-98	-32	-16	134	-231	0	0	-262	178	-314		
7.209	-86	-28	-14	145	-228	0	0	-255	193	-306		
7.250	-34	-11	-5	188	-214	0	0	-238	250	-285		
7.279	0	0	0	212	-205	0	0	-228	283	-273		
7.300	23	7	4	236	-198	0	0	0	313	-263		
7.350	72	23	11	274	-182	0	0	0	365	-242		
7.365	85	27	13	287	-176	0	0	0	381	-234		
7.400	113	36	18	309	-166	0	0	0	411	-221		
7.450	147	47	23	339	-152	0	0	0	451	-202		
7.500	173	55	27	359	-137	0	0	0	478	-183		
7.522	182	58	29	365	-131	0	0	0	485	-174		
7.550	191	61	30	369	-123	0	0	0	491	-164		
7.600	201	64	32	371	-109	0	0	0	494	-144		
7.636	203	65	32	364	-98	0	0	0	484	-130		
7.650	203	65	32	364	-94	0	0	0	485	-125		
7.678	200	64	32	356	-85	0	0	0	473	-113		
7.700	197	63	31	352	-80	0	0	0	468	-106		
7.750	185	59	29	331	-67	0	0	0	440	-89		
7.800	164	52	26	296	-54	0	0	0	393	-72		
7.839	142	45	22	255	-43	0	0	0	339	-58		
7.850	135	43	21	247	-40	0	0	0	328	-54		
7.900	98	31	15	186	-27	0	0	0	248	-36		
7.942	62	19	10	121	-16	0	0	0	161	-21		
7.950	53	17	8	107	-13	0	0	0	142	-18		
7.958	46	14	7	91	-11	0	0	0	121	-15		
8.000	0	0	0	1	-8	0	0	-9	1	-11		
8.000	0	0	0	0	-7	0	0	-8	0	-10		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
FRAC	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	MIN	MAX	MIN	MAX	MIN
	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
8.375	0	0	0	0	-5	0	0	-5	0	-6		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
FRAC	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	MIN	MAX	MIN	MAX	MIN
	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
0.000	0	0	0	1	-1	0	0	0	1	-2		
0.625	0	0	0	1	-6	0	0	-7	1	-8		
1.000	0	0	0	1	-9	0	0	-10	1	-12		
1.000	0	0	0	1	-9	0	0	-10	1	-12		
1.049	38	12	6	81	-13	0	0	0	108	-18		
1.050	39	12	6	81	-14	0	0	0	108	-18		
1.100	72	23	11	143	-27	0	0	0	191	-36		
1.109	77	24	12	156	-29	0	0	0	207	-39		
1.150	98	31	15	194	-41	0	0	0	258	-54		
1.169	107	34	16	212	-46	0	0	0	281	-61		
1.173	108	34	16	214	-47	0	0	0	284	-62		
1.188	114	36	17	227	-51	0	0	0	302	-67		
1.200	118	38	18	234	-54	0	0	0	311	-72		
1.250	132	42	20	267	-67	0	0	0	355	-90		
1.300	140	45	21	289	-81	0	0	0	385	-107		
1.346	142	45	21	302	-93	0	0	0	402	-124		
1.350	142	45	21	302	-94	0	0	0	401	-125		
1.353	142	45	21	302	-95	0	0	0	402	-127		
1.400	139	44	21	309	-109	0	0	0	411	-145		
1.450	131	41	19	311	-124	0	0	0	414	-164		
1.500	115	36	17	311	-138	0	0	0	414	-184		
1.525	106	33	15	309	-145	0	0	0	410	-193		
1.550	94	29	14	302	-153	0	0	0	401	-203		
1.600	67	20	9	283	-168	0	0	0	377	-223		
1.650	33	10	4	255	-182	0	0	0	340	-242		
1.692	0	-1	-1	228	-195	0	0	-217	304	-259		
1.700	-6	-3	-2	225	-197	0	0	-219	300	-263		
1.703	-9	-4	-2	223	-198	0	0	-221	297	-264		
1.750	-53	-18	-9	180	-214	0	0	-238	239	-285		
1.800	-106	-35	-17	132	-231	0	0	-258	176	-308		
1.850	-165	-54	-26	92	-249	0	0	-296	123	-354		
1.852	-167	-54	-27	91	-249	0	0	-296	122	-355		
1.893	-220	-71	-35	75	-264	0	0	-353	100	-423		
1.900	-230	-74	-36	76	-267	0	0	-364	101	-435		
1.950	-302	-97	-47	80	-285	0	0	-449	107	-537		
2.000	-380	-121	-59	85	-303	0	0	-543	113	-650		
2.000	-377	-121	-59	84	-302	0	0	-539	112	-645		
2.021	-327	-105	-51	76	-257	0	0	-487	101	-583		
2.042	-281	-90	-43	69	-216	0	0	-435	91	-520		
2.050	-264	-84	-41	66	-201	0	0	-417	88	-499		
2.075	-212	-68	-33	58	-170	0	0	-362	77	-433		
2.100	-164	-52	-25	74	-162	0	0	-307	98	-368		
2.150	-77	-24	-12	111	-147	0	0	-210	147	-251		
2.167	-50	-16	-7	125	-142	0	0	-190	167	-227		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
2.200	-2	0	0	160	-133	0	0	-154	213	-185		
2.202	0	0	1	162	-132	0	0	-153	216	-183		
2.250	60	20	10	220	-119	0	0	0	292	-159		
2.292	102	34	17	262	-108	0	0	0	348	-143		
2.300	109	36	18	269	-106	0	0	0	357	-141		
2.350	150	49	24	313	-94	0	0	0	416	-125		
2.400	177	57	28	344	-82	0	0	0	458	-109		
2.417	184	59	29	354	-77	0	0	0	471	-103		
2.450	192	62	31	360	-73	0	0	0	479	-98		
2.484	195	63	31	363	-83	0	0	0	482	-111		
2.500	194	62	31	365	-89	0	0	0	486	-118		
2.542	186	60	29	365	-103	0	0	0	485	-138		
2.550	184	59	29	360	-106	0	0	0	479	-142		
2.600	163	52	26	349	-126	0	0	0	464	-167		
2.650	129	41	20	324	-145	0	0	0	431	-192		
2.667	115	36	18	313	-151	0	0	0	417	-201		
2.700	83	26	13	287	-164	0	0	0	382	-218		
2.750	24	7	3	238	-183	0	0	0	317	-244		
2.768	0	-1	-1	217	-190	0	0	-212	288	-253		
2.792	-35	-12	-6	189	-199	0	0	-224	252	-268		
2.800	-47	-16	-8	180	-203	0	0	-228	239	-273		
2.850	-133	-43	-21	121	-226	0	0	-285	161	-341		
2.887	-205	-66	-33	90	-244	0	0	-355	120	-425		
2.896	-223	-72	-35	84	-248	0	0	-376	112	-450		
2.900	-231	-75	-37	83	-250	0	0	-383	111	-458		
2.950	-343	-110	-54	78	-275	0	0	-518	103	-620		
3.000	-468	-149	-73	84	-333	0	0	-657	112	-786		
3.000	-465	-148	-73	83	-324	0	0	-653	110	-782		
3.021	-412	-131	-65	75	-290	0	0	-594	100	-711		
3.042	-362	-115	-57	67	-277	0	0	-537	90	-643		
3.050	-345	-110	-54	65	-273	0	0	-516	86	-618		
3.100	-238	-76	-37	77	-249	0	0	-384	103	-459		
3.112	-214	-68	-34	85	-244	0	0	-357	112	-427		
3.150	-145	-46	-23	114	-227	0	0	-291	152	-349		
3.167	-116	-37	-18	128	-220	0	0	-264	171	-316		
3.200	-65	-20	-10	165	-206	0	0	-229	219	-274		
3.248	0	1	0	221	-185	0	0	-206	294	-247		
3.250	3	1	1	224	-185	0	0	0	299	-246		
3.292	50	17	8	266	-167	0	0	0	353	-223		
3.300	58	19	9	272	-165	0	0	0	362	-219		
3.350	104	34	16	316	-146	0	0	0	420	-194		
3.400	137	44	21	346	-128	0	0	0	461	-170		
3.417	145	47	23	356	-121	0	0	0	473	-161		
3.450	157	50	25	363	-110	0	0	0	483	-146		
3.500	165	53	26	366	-93	0	0	0	487	-123		
3.506	165	53	26	369	-93	0	0	0	491	-124		
3.542	161	52	25	366	-104	0	0	0	487	-138		
3.550	160	51	25	361	-107	0	0	0	480	-142		
3.600	144	46	22	350	-126	0	0	0	465	-167		
3.650	116	37	18	325	-145	0	0	0	432	-193		
3.667	103	32	16	314	-151	0	0	0	417	-201		
3.700	75	23	11	287	-164	0	0	0	382	-218		
3.750	22	6	3	238	-183	0	0	0	316	-244		
3.768	0	-1	0	217	-190	0	0	-211	289	-253		
3.792	-33	-12	-6	189	-199	0	0	-224	251	-268		
3.800	-44	-15	-7	179	-203	0	0	-228	238	-273		
3.850	-124	-41	-20	121	-226	0	0	-285	161	-341		
3.887	-193	-62	-31	90	-243	0	0	-356	119	-426		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK MIN	TRUCK+LANE MAX	MIN	MAX	MIN
	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
3.896	-210	-68	-33	84	-247	0	0	-376	112	-450		
3.900	-217	-70	-34	83	-250	0	0	-384	110	-459		
3.950	-323	-103	-51	78	-274	0	0	-519	104	-622		
4.000	-443	-141	-69	91	-334	0	0	-658	121	-787		
4.000	-440	-140	-68	88	-324	0	0	-654	118	-783		
4.021	-388	-123	-60	81	-291	0	0	-594	108	-711		
4.042	-339	-108	-53	78	-278	0	0	-538	103	-644		
4.050	-321	-102	-50	77	-275	0	0	-517	102	-618		
4.100	-217	-69	-34	86	-251	0	0	-384	115	-460		
4.112	-193	-61	-30	94	-245	0	0	-358	125	-428		
4.150	-125	-40	-19	119	-229	0	0	-292	158	-350		
4.167	-97	-30	-15	130	-221	0	0	-265	173	-317		
4.200	-47	-14	-7	165	-207	0	0	-230	220	-275		
4.234	0	1	0	206	-192	0	0	-213	275	-256		
4.250	19	7	3	225	-186	0	0	0	299	-247		
4.292	65	22	11	266	-168	0	0	0	354	-224		
4.300	73	24	12	273	-166	0	0	0	363	-221		
4.350	117	38	19	316	-147	0	0	0	421	-196		
4.400	149	48	24	347	-129	0	0	0	461	-171		
4.417	156	50	25	356	-122	0	0	0	474	-163		
4.450	167	54	26	364	-110	0	0	0	484	-147		
4.499	173	56	27	365	-93	0	0	0	486	-123		
4.500	173	56	27	367	-93	0	0	0	488	-124		
4.542	169	54	27	366	-104	0	0	0	487	-138		
4.550	167	54	26	362	-107	0	0	0	481	-142		
4.600	150	48	23	350	-126	0	0	0	465	-167		
4.650	120	38	19	325	-145	0	0	0	432	-193		
4.667	107	34	16	314	-151	0	0	0	417	-201		
4.700	78	24	12	287	-164	0	0	0	382	-218		
4.750	23	6	3	238	-183	0	0	0	316	-244		
4.768	0	-1	0	217	-190	0	0	-212	288	-253		
4.792	-34	-12	-6	189	-199	0	0	-224	251	-268		
4.800	-45	-15	-8	179	-203	0	0	-228	238	-273		
4.850	-127	-41	-20	121	-226	0	0	-285	161	-341		
4.887	-196	-64	-31	90	-243	0	0	-356	119	-426		
4.896	-213	-69	-34	84	-247	0	0	-376	112	-450		
4.900	-221	-71	-35	83	-250	0	0	-384	110	-459		
4.950	-329	-105	-52	78	-274	0	0	-519	104	-622		
5.000	-450	-143	-70	91	-334	0	0	-658	121	-787		
5.000	-447	-142	-70	89	-325	0	0	-654	118	-783		
5.021	-395	-126	-62	81	-291	0	0	-594	108	-711		
5.042	-345	-110	-54	78	-278	0	0	-538	104	-644		
5.050	-328	-104	-51	77	-274	0	0	-517	103	-618		
5.100	-223	-71	-35	87	-251	0	0	-384	115	-460		
5.112	-199	-63	-31	94	-245	0	0	-358	125	-428		
5.150	-131	-42	-20	119	-229	0	0	-293	158	-350		
5.167	-103	-32	-16	130	-221	0	0	-265	173	-317		
5.200	-52	-16	-8	167	-207	0	0	-230	222	-275		
5.238	0	1	0	211	-191	0	0	-211	281	-254		
5.250	14	5	3	225	-186	0	0	0	299	-248		
5.292	61	20	10	266	-169	0	0	0	354	-224		
5.300	69	23	11	273	-166	0	0	0	363	-221		
5.350	113	37	18	316	-147	0	0	0	421	-196		
5.400	145	47	23	347	-129	0	0	0	461	-171		
5.417	153	49	24	356	-122	0	0	0	474	-163		
5.450	164	53	26	364	-110	0	0	0	484	-147		
5.500	170	55	27	366	-93	0	0	0	487	-124		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
5.501	170	55	27	367	-93	0	0	0	488	-124		
5.542	166	53	26	366	-104	0	0	0	487	-138		
5.550	164	53	26	362	-106	0	0	0	481	-142		
5.600	147	47	23	350	-125	0	0	0	465	-167		
5.650	118	37	18	325	-145	0	0	0	432	-192		
5.667	105	33	16	314	-151	0	0	0	417	-201		
5.700	76	24	12	287	-164	0	0	0	382	-218		
5.750	21	6	3	238	-183	0	0	0	316	-243		
5.767	0	-1	0	218	-189	0	0	-211	290	-252		
5.792	-35	-12	-6	189	-199	0	0	-224	251	-268		
5.800	-46	-16	-8	179	-203	0	0	-228	238	-272		
5.850	-127	-42	-20	121	-225	0	0	-285	161	-341		
5.888	-197	-64	-31	86	-243	0	0	-356	114	-426		
5.896	-214	-69	-34	80	-247	0	0	-373	107	-446		
5.900	-221	-71	-35	79	-249	0	0	-383	105	-459		
5.950	-329	-105	-52	71	-274	0	0	-519	94	-621		
6.000	-450	-143	-70	82	-334	0	0	-658	110	-787		
6.000	-446	-142	-70	82	-324	0	0	-654	109	-783		
6.021	-394	-125	-61	80	-291	0	0	-594	107	-711		
6.042	-345	-109	-54	78	-278	0	0	-538	104	-644		
6.050	-327	-104	-51	77	-275	0	0	-516	103	-618		
6.100	-222	-71	-35	87	-251	0	0	-384	115	-460		
6.112	-198	-63	-31	94	-245	0	0	-358	125	-428		
6.150	-130	-41	-20	119	-229	0	0	-292	158	-350		
6.167	-101	-32	-16	130	-221	0	0	-265	173	-317		
6.200	-51	-16	-8	167	-207	0	0	-230	222	-275		
6.237	0	1	0	210	-191	0	0	-212	279	-254		
6.250	16	6	3	225	-186	0	0	0	299	-248		
6.292	63	21	10	266	-169	0	0	0	354	-224		
6.300	71	24	12	273	-166	0	0	0	363	-221		
6.350	115	37	18	316	-147	0	0	0	420	-196		
6.400	147	47	23	346	-129	0	0	0	461	-171		
6.417	156	50	25	356	-122	0	0	0	473	-163		
6.450	167	53	26	363	-110	0	0	0	483	-147		
6.500	174	56	27	366	-92	0	0	0	487	-122		
6.502	174	56	27	366	-91	0	0	0	487	-121		
6.542	169	54	27	365	-87	0	0	0	486	-116		
6.550	168	54	26	361	-90	0	0	0	480	-119		
6.600	151	48	24	349	-106	0	0	0	464	-141		
6.650	122	38	19	324	-123	0	0	0	431	-163		
6.667	109	34	17	313	-128	0	0	0	416	-170		
6.700	81	25	12	286	-139	0	0	0	381	-185		
6.750	26	7	4	237	-156	0	0	0	315	-207		
6.771	0	-1	-1	212	-163	0	0	-180	282	-216		
6.792	-30	-11	-5	188	-170	0	0	-192	250	-230		
6.800	-41	-14	-7	178	-173	0	0	-198	236	-237		
6.850	-122	-40	-20	117	-193	0	0	-255	156	-305		
6.896	-208	-67	-33	78	-212	0	0	-341	103	-408		
6.900	-216	-70	-34	77	-214	0	0	-351	102	-420		
6.950	-322	-103	-51	66	-243	0	0	-480	87	-575		
7.000	-443	-141	-69	82	-312	0	0	-612	110	-732		
7.000	-439	-140	-69	82	-307	0	0	-609	110	-729		
7.026	-387	-123	-61	81	-292	0	0	-550	107	-658		
7.050	-341	-109	-54	79	-281	0	0	-500	105	-598		
7.053	-336	-107	-53	79	-280	0	0	-494	105	-591		
7.100	-252	-81	-40	77	-263	0	0	-394	102	-472		
7.125	-210	-67	-33	89	-254	0	0	-346	119	-414		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).													
LANE POSITION: MULTIPLE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MAX	MIN	
		MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
7.150		-171	-55	-27	103	-245	0	0	-312	138	-374		
7.200		-98	-32	-16	133	-228	0	0	-255	178	-306		
7.209		-86	-28	-14	144	-225	0	0	-252	192	-302		
7.250		-34	-11	-5	190	-212	0	0	-235	253	-281		
7.279		0	0	0	216	-202	0	0	-224	288	-269		
7.300		23	7	4	237	-196	0	0	0	316	-260		
7.350		72	23	11	276	-180	0	0	0	368	-239		
7.365		85	27	13	287	-175	0	0	0	382	-232		
7.400		113	36	18	312	-165	0	0	0	414	-219		
7.450		147	47	23	340	-151	0	0	0	452	-200		
7.500		173	55	27	359	-136	0	0	0	478	-181		
7.522		182	58	29	367	-130	0	0	0	487	-173		
7.550		191	61	30	372	-122	0	0	0	495	-162		
7.600		201	64	32	373	-107	0	0	0	496	-143		
7.636		203	65	32	366	-96	0	0	0	486	-128		
7.650		203	65	32	363	-93	0	0	0	483	-123		
7.678		200	64	32	354	-84	0	0	0	470	-112		
7.700		197	63	31	349	-79	0	0	0	465	-105		
7.750		185	59	29	326	-66	0	0	0	434	-88		
7.800		164	52	26	292	-53	0	0	0	388	-71		
7.839		142	45	22	251	-43	0	0	0	334	-57		
7.850		135	43	21	242	-40	0	0	0	322	-53		
7.900		98	31	15	183	-27	0	0	0	243	-35		
7.942		62	19	10	119	-15	0	0	0	158	-21		
7.950		53	17	8	105	-13	0	0	0	139	-18		
7.958		46	14	7	89	-11	0	0	0	119	-15		
8.000		0	0	0	1	-8	0	0	-9	1	-10		
8.000		0	0	0	0	-7	0	0	-7	0	-9		
8.375		0	0	0	0	-4	0	0	-5	0	-6		
9.000		0	0	0	0	0	0	0	0	0	0		

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MAX	MIN	
		MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
0.000		0	0	0	0	-1	0	0	0	1	-2		
0.625		0	0	0	0	-6	0	0	-6	1	-8		
1.000		0	0	0	0	-9	0	0	-10	1	-12		
1.000		0	0	0	0	-9	0	0	-10	1	-12		
1.000		0	0	0	0	-9	0	0	-10	1	-12		
1.049		38	12	6	93	-13	0	0	0	124	-17		
1.050		39	12	6	93	-13	0	0	0	124	-17		
1.100		72	23	11	163	-26	0	0	0	216	-34		
1.109		77	24	12	177	-28	0	0	0	235	-37		
1.150		98	31	15	221	-38	0	0	0	294	-51		
1.169		107	34	16	240	-43	0	0	0	319	-58		
1.173		108	34	16	242	-44	0	0	0	322	-59		
1.188		114	36	17	257	-48	0	0	0	342	-64		
1.200		118	38	18	263	-51	0	0	0	350	-68		
1.250		132	42	20	300	-64	0	0	0	399	-85		
1.300		140	45	21	326	-77	0	0	0	433	-102		
1.346		142	45	21	342	-88	0	0	0	455	-117		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.350	142	45	21	342	-89	0	0	0	455	-119		
1.353	142	45	21	342	-90	0	0	0	455	-120		
1.400	139	44	21	352	-103	0	0	0	469	-137		
1.450	131	41	19	355	-117	0	0	0	472	-156		
1.500	115	36	17	350	-131	0	0	0	466	-174		
1.525	106	33	15	349	-138	0	0	0	464	-183		
1.550	94	29	14	339	-145	0	0	0	450	-193		
1.600	67	20	9	318	-159	0	0	0	423	-211		
1.650	33	10	4	291	-173	0	0	0	386	-230		
1.692	0	-1	-1	264	-184	0	0	-247	352	-295		
1.700	-6	-3	-2	260	-187	0	0	-250	346	-299		
1.703	-9	-4	-2	259	-188	0	0	-251	344	-300		
1.750	-53	-18	-9	216	-202	0	0	-271	287	-325		
1.800	-106	-35	-17	167	-219	0	0	-294	222	-351		
1.850	-165	-54	-26	110	-236	0	0	-316	147	-379		
1.852	-167	-54	-27	108	-236	0	0	-317	144	-380		
1.893	-220	-71	-35	79	-250	0	0	-335	105	-401		
1.900	-230	-74	-36	73	-252	0	0	-339	97	-405		
1.950	-302	-97	-47	76	-270	0	0	-429	101	-514		
2.000	-380	-121	-59	81	-287	0	0	-532	107	-637		
2.000	-377	-121	-59	80	-286	0	0	-528	106	-632		
2.021	-327	-105	-51	72	-245	0	0	-471	96	-564		
2.042	-281	-90	-43	65	-208	0	0	-416	86	-498		
2.050	-264	-84	-41	63	-195	0	0	-397	83	-475		
2.075	-212	-68	-33	62	-174	0	0	-335	82	-401		
2.100	-164	-52	-25	87	-166	0	0	-275	115	-329		
2.150	-77	-24	-12	141	-150	0	0	-175	188	-210		
2.167	-50	-16	-7	165	-144	0	0	-161	219	-193		
2.200	-2	0	0	199	-135	0	0	-150	265	-179		
2.202	0	0	1	202	-134	0	0	-149	269	-179		
2.250	60	20	10	253	-121	0	0	0	337	-161		
2.292	102	34	17	294	-109	0	0	0	391	-146		
2.300	109	36	18	297	-108	0	0	0	396	-143		
2.350	150	49	24	340	-95	0	0	0	452	-127		
2.400	177	57	28	370	-83	0	0	0	492	-110		
2.417	184	59	29	382	-79	0	0	0	508	-105		
2.450	192	62	31	390	-71	0	0	0	519	-95		
2.484	195	63	31	390	-79	0	0	0	518	-105		
2.500	194	62	31	395	-84	0	0	0	526	-112		
2.542	186	60	29	392	-98	0	0	0	522	-130		
2.550	184	59	29	389	-101	0	0	0	517	-134		
2.600	163	52	26	375	-119	0	0	0	499	-158		
2.650	129	41	20	351	-137	0	0	0	467	-182		
2.667	115	36	18	344	-143	0	0	0	457	-191		
2.700	83	26	13	315	-155	0	0	0	419	-207		
2.750	24	7	3	271	-174	0	0	0	361	-231		
2.768	0	-1	-1	251	-180	0	0	-240	334	-287		
2.792	-35	-12	-6	230	-189	0	0	-251	306	-301		
2.800	-47	-16	-8	219	-193	0	0	-256	292	-307		
2.850	-133	-43	-21	155	-214	0	0	-286	206	-342		
2.887	-205	-66	-33	105	-231	0	0	-309	139	-369		
2.896	-223	-72	-35	96	-235	0	0	-319	128	-382		
2.900	-231	-75	-37	96	-237	0	0	-326	127	-390		
2.950	-343	-110	-54	74	-260	0	0	-456	98	-546		
3.000	-468	-149	-73	80	-318	0	0	-602	106	-721		
3.000	-465	-148	-73	79	-309	0	0	-600	105	-718		
3.021	-412	-131	-65	71	-277	0	0	-537	95	-642		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

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GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE)).
LANE POSITION: MULTIPLE LANE WITH IMPACT

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SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
3.042		-362	-115	-57	64	-262	0	0	-476	85	-570		
3.050		-345	-110	-54	62	-259	0	0	-455	82	-545		
3.100		-238	-76	-37	92	-236	0	0	-320	122	-383		
3.112		-214	-68	-34	105	-231	0	0	-305	140	-366		
3.150		-145	-46	-23	145	-215	0	0	-284	194	-340		
3.167		-116	-37	-18	169	-208	0	0	-275	224	-329		
3.200		-65	-20	-10	205	-195	0	0	-258	272	-309		
3.248		0	1	0	254	-175	0	0	-233	338	-279		
3.250		3	1	1	257	-175	0	0	0	342	-233		
3.292		50	17	8	297	-158	0	0	0	396	-211		
3.300		58	19	9	301	-156	0	0	0	400	-207		
3.350		104	34	16	342	-138	0	0	0	455	-184		
3.400		137	44	21	372	-121	0	0	0	495	-161		
3.417		145	47	23	384	-115	0	0	0	511	-153		
3.450		157	50	25	390	-104	0	0	0	519	-138		
3.500		165	53	26	396	-88	0	0	0	527	-117		
3.506		165	53	26	398	-88	0	0	0	529	-117		
3.542		161	52	25	393	-98	0	0	0	523	-130		
3.550		160	51	25	389	-101	0	0	0	518	-134		
3.600		144	46	22	376	-119	0	0	0	500	-158		
3.650		116	37	18	352	-137	0	0	0	468	-182		
3.667		103	32	16	344	-143	0	0	0	457	-191		
3.700		75	23	11	315	-155	0	0	0	419	-207		
3.750		22	6	3	271	-174	0	0	0	361	-231		
3.768		0	-1	0	252	-180	0	0	-239	335	-287		
3.792		-33	-12	-6	230	-189	0	0	-251	306	-301		
3.800		-44	-15	-7	219	-192	0	0	-256	291	-307		
3.850		-124	-41	-20	155	-214	0	0	-286	206	-342		
3.887		-193	-62	-31	105	-231	0	0	-308	139	-369		
3.896		-210	-68	-33	96	-234	0	0	-319	128	-382		
3.900		-217	-70	-34	96	-237	0	0	-326	127	-391		
3.950		-323	-103	-51	74	-260	0	0	-457	98	-547		
4.000		-443	-141	-69	86	-318	0	0	-603	114	-722		
4.000		-440	-140	-68	84	-309	0	0	-601	111	-719		
4.021		-388	-123	-60	77	-278	0	0	-537	102	-643		
4.042		-339	-108	-53	73	-264	0	0	-477	98	-571		
4.050		-321	-102	-50	73	-260	0	0	-456	97	-546		
4.100		-217	-69	-34	100	-238	0	0	-322	132	-385		
4.112		-193	-61	-30	111	-232	0	0	-308	148	-369		
4.150		-125	-40	-19	146	-216	0	0	-287	194	-344		
4.167		-97	-30	-15	169	-209	0	0	-277	225	-332		
4.200		-47	-14	-7	204	-196	0	0	-260	272	-312		
4.234		0	1	0	237	-182	0	0	-242	315	-290		
4.250		19	7	3	258	-176	0	0	0	343	-234		
4.292		65	22	11	298	-159	0	0	0	396	-212		
4.300		73	24	12	301	-157	0	0	0	400	-209		
4.350		117	38	19	342	-139	0	0	0	455	-185		
4.400		149	48	24	372	-122	0	0	0	495	-162		
4.417		156	50	25	385	-116	0	0	0	511	-154		
4.450		167	54	26	391	-104	0	0	0	520	-139		
4.499		173	56	27	395	-88	0	0	0	526	-116		
4.500		173	56	27	397	-88	0	0	0	528	-117		
4.542		169	54	27	393	-98	0	0	0	523	-130		
4.550		167	54	26	390	-101	0	0	0	518	-134		
4.600		150	48	23	376	-119	0	0	0	500	-158		
4.650		120	38	19	352	-137	0	0	0	468	-182		
4.667		107	34	16	344	-143	0	0	0	457	-191		
4.700		78	24	12	315	-155	0	0	0	419	-207		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK MIN	TRUCK+LANE MAX	TRUCK+LANE MIN	TRUCK MAX	TRUCK MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
4.750	23	6	3	271	-174	0	0	0	361	-231		
4.768	0	-1	0	251	-180	0	0	-240	334	-287		
4.792	-34	-12	-6	230	-189	0	0	-251	306	-301		
4.800	-45	-15	-8	219	-192	0	0	-256	291	-307		
4.850	-127	-41	-20	155	-214	0	0	-286	205	-342		
4.887	-196	-64	-31	105	-231	0	0	-308	139	-369		
4.896	-213	-69	-34	96	-234	0	0	-319	128	-382		
4.900	-221	-71	-35	95	-236	0	0	-326	127	-390		
4.950	-329	-105	-52	74	-260	0	0	-457	99	-547		
5.000	-450	-143	-70	86	-318	0	0	-603	114	-722		
5.000	-447	-142	-70	84	-309	0	0	-601	112	-719		
5.021	-395	-126	-62	77	-279	0	0	-537	102	-643		
5.042	-345	-110	-54	74	-264	0	0	-477	98	-571		
5.050	-328	-104	-51	73	-260	0	0	-456	97	-546		
5.100	-223	-71	-35	100	-238	0	0	-322	133	-385		
5.112	-199	-63	-31	112	-232	0	0	-308	148	-369		
5.150	-131	-42	-20	146	-216	0	0	-287	194	-344		
5.167	-103	-32	-16	169	-209	0	0	-278	225	-332		
5.200	-52	-16	-8	207	-196	0	0	-261	276	-312		
5.238	0	1	0	242	-180	0	0	-240	322	-288		
5.250	14	5	3	258	-176	0	0	0	343	-234		
5.292	61	20	10	298	-159	0	0	0	396	-212		
5.300	69	23	11	301	-157	0	0	0	400	-209		
5.350	113	37	18	342	-139	0	0	0	456	-185		
5.400	145	47	23	372	-122	0	0	0	495	-162		
5.417	153	49	24	385	-116	0	0	0	511	-154		
5.450	164	53	26	391	-104	0	0	0	520	-139		
5.500	170	55	27	397	-88	0	0	0	527	-117		
5.501	170	55	27	397	-88	0	0	0	528	-117		
5.542	166	53	26	393	-98	0	0	0	523	-130		
5.550	164	53	26	390	-101	0	0	0	518	-134		
5.600	147	47	23	376	-119	0	0	0	500	-158		
5.650	118	37	18	352	-137	0	0	0	468	-182		
5.667	105	33	16	344	-143	0	0	0	457	-190		
5.700	76	24	12	315	-155	0	0	0	419	-206		
5.750	21	6	3	271	-173	0	0	0	361	-231		
5.767	0	-1	0	253	-179	0	0	-238	336	-285		
5.792	-35	-12	-6	230	-188	0	0	-250	305	-300		
5.800	-46	-16	-8	219	-192	0	0	-255	291	-306		
5.850	-127	-42	-20	154	-214	0	0	-285	205	-341		
5.888	-197	-64	-31	102	-230	0	0	-307	135	-368		
5.896	-214	-69	-34	93	-234	0	0	-318	124	-381		
5.900	-221	-71	-35	93	-236	0	0	-325	123	-390		
5.950	-329	-105	-52	68	-259	0	0	-457	91	-547		
6.000	-450	-143	-70	80	-318	0	0	-603	106	-722		
6.000	-446	-142	-70	78	-309	0	0	-600	103	-719		
6.021	-394	-125	-61	76	-279	0	0	-537	101	-643		
6.042	-345	-109	-54	74	-264	0	0	-477	98	-571		
6.050	-327	-104	-51	73	-260	0	0	-456	97	-546		
6.100	-222	-71	-35	100	-238	0	0	-322	133	-385		
6.112	-198	-63	-31	112	-232	0	0	-309	148	-369		
6.150	-130	-41	-20	146	-217	0	0	-287	194	-344		
6.167	-101	-32	-16	169	-209	0	0	-278	225	-332		
6.200	-51	-16	-8	207	-196	0	0	-261	275	-312		
6.237	0	1	0	240	-181	0	0	-241	319	-289		
6.250	16	6	3	258	-176	0	0	0	343	-234		
6.292	63	21	10	298	-159	0	0	0	396	-212		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
6.300	71	24	12	301	-157	0	0	0	400	-209		
6.350	115	37	18	342	-139	0	0	0	455	-185		
6.400	147	47	23	372	-122	0	0	0	495	-162		
6.417	156	50	25	384	-116	0	0	0	511	-154		
6.450	167	53	26	390	-104	0	0	0	519	-139		
6.500	174	56	27	396	-87	0	0	0	527	-115		
6.502	174	56	27	397	-86	0	0	0	528	-115		
6.542	169	54	27	393	-85	0	0	0	522	-113		
6.550	168	54	26	389	-88	0	0	0	517	-117		
6.600	151	48	24	375	-104	0	0	0	499	-138		
6.650	122	38	19	351	-120	0	0	0	466	-159		
6.667	109	34	17	343	-125	0	0	0	456	-167		
6.700	81	25	12	314	-136	0	0	0	418	-181		
6.750	26	7	4	270	-153	0	0	0	359	-203		
6.771	0	-1	-1	246	-159	0	0	-178	327	-213		
6.792	-30	-11	-5	229	-166	0	0	-186	304	-223		
6.800	-41	-14	-7	217	-169	0	0	-190	289	-227		
6.850	-122	-40	-20	152	-189	0	0	-214	203	-256		
6.896	-208	-67	-33	90	-207	0	0	-293	120	-351		
6.900	-216	-70	-34	89	-209	0	0	-303	119	-362		
6.950	-322	-103	-51	62	-237	0	0	-437	83	-523		
7.000	-443	-141	-69	78	-299	0	0	-579	104	-693		
7.000	-439	-140	-69	78	-294	0	0	-575	104	-688		
7.026	-387	-123	-61	76	-279	0	0	-513	101	-614		
7.050	-341	-109	-54	75	-267	0	0	-459	99	-549		
7.053	-336	-107	-53	74	-265	0	0	-452	99	-542		
7.100	-252	-81	-40	85	-249	0	0	-349	113	-418		
7.125	-210	-67	-33	100	-240	0	0	-320	133	-383		
7.150	-171	-55	-27	126	-232	0	0	-309	167	-370		
7.200	-98	-32	-16	172	-216	0	0	-287	229	-344		
7.209	-86	-28	-14	183	-213	0	0	-283	244	-339		
7.250	-34	-11	-5	224	-200	0	0	-267	298	-319		
7.279	0	0	0	246	-191	0	0	-255	327	-305		
7.300	23	7	4	270	-185	0	0	0	359	-246		
7.350	72	23	11	307	-170	0	0	0	409	-226		
7.365	85	27	13	318	-165	0	0	0	423	-220		
7.400	113	36	18	343	-156	0	0	0	457	-207		
7.450	147	47	23	373	-142	0	0	0	496	-189		
7.500	173	55	27	394	-129	0	0	0	524	-171		
7.522	182	58	29	400	-123	0	0	0	532	-163		
7.550	191	61	30	406	-115	0	0	0	539	-153		
7.600	201	64	32	407	-101	0	0	0	541	-135		
7.636	203	65	32	396	-91	0	0	0	527	-121		
7.650	203	65	32	396	-87	0	0	0	527	-116		
7.678	200	64	32	386	-80	0	0	0	513	-106		
7.700	197	63	31	381	-75	0	0	0	506	-99		
7.750	185	59	29	359	-63	0	0	0	477	-83		
7.800	164	52	26	323	-50	0	0	0	430	-67		
7.839	142	45	22	280	-40	0	0	0	372	-54		
7.850	135	43	21	270	-38	0	0	0	359	-50		
7.900	98	31	15	205	-25	0	0	0	272	-33		
7.942	62	19	10	133	-15	0	0	0	177	-19		
7.950	53	17	8	118	-13	0	0	0	156	-17		
7.958	46	14	7	100	-11	0	0	0	134	-14		
8.000	0	0	0	1	-8	0	0	-9	1	-10		
8.000	0	0	0	0	-6	0	0	-7	0	-9		
8.375	0	0	0	0	-4	0	0	-4	0	-5		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	0	-1	0	0	0	0	-1		
0.625	0	0	0	0	-6	0	0	-7	0	-8		
1.000	0	0	0	0	-9	0	0	-10	0	-12		
1.000	0	0	0	0	-9	0	0	-10	1	-12		
1.000	0	0	0	1	-9	0	0	-10	1	-12		
1.049	38	12	6	78	-10	0	0	0	104	-13		
1.050	39	12	6	78	-10	0	0	0	104	-13		
1.100	72	23	11	135	-20	0	0	0	180	-27		
1.109	77	24	12	147	-22	0	0	0	195	-29		
1.150	98	31	15	182	-30	0	0	0	243	-40		
1.169	107	34	16	198	-34	0	0	0	264	-45		
1.173	108	34	16	200	-35	0	0	0	266	-46		
1.188	114	36	17	211	-38	0	0	0	280	-50		
1.200	118	38	18	217	-40	0	0	0	288	-53		
1.250	132	42	20	242	-50	0	0	0	322	-67		
1.300	140	45	21	260	-60	0	0	0	345	-80		
1.346	142	45	21	272	-69	0	0	0	362	-92		
1.350	142	45	21	271	-70	0	0	0	361	-93		
1.353	142	45	21	271	-71	0	0	0	360	-94		
1.400	139	44	21	280	-81	0	0	0	373	-108		
1.450	131	41	19	284	-92	0	0	0	378	-122		
1.500	115	36	17	281	-103	0	0	0	374	-137		
1.525	106	33	15	277	-108	0	0	0	369	-144		
1.550	94	29	14	271	-114	0	0	0	360	-151		
1.600	67	20	9	255	-125	0	0	0	339	-166		
1.650	33	10	4	233	-136	0	0	0	310	-180		
1.692	0	-1	-1	211	-145	0	0	-205	281	-246		
1.700	-6	-3	-2	206	-147	0	0	-208	275	-249		
1.703	-9	-4	-2	206	-147	0	0	-209	274	-250		
1.750	-53	-18	-9	175	-159	0	0	-226	232	-270		
1.800	-106	-35	-17	136	-172	0	0	-244	180	-292		
1.850	-165	-54	-26	91	-185	0	0	-262	121	-314		
1.852	-167	-54	-27	90	-185	0	0	-263	119	-315		
1.893	-220	-71	-35	67	-196	0	0	-281	89	-336		
1.900	-230	-74	-36	60	-198	0	0	-284	80	-340		
1.950	-302	-97	-47	60	-212	0	0	-330	79	-395		
2.000	-380	-121	-59	63	-225	0	0	-413	84	-494		
2.000	-377	-121	-59	62	-224	0	0	-410	83	-490		
2.021	-327	-105	-51	57	-192	0	0	-364	75	-436		
2.042	-281	-90	-43	51	-163	0	0	-318	68	-381		
2.050	-264	-84	-41	49	-153	0	0	-302	65	-362		
2.075	-212	-68	-33	55	-137	0	0	-253	73	-302		
2.100	-164	-52	-25	72	-130	0	0	-204	96	-245		
2.150	-77	-24	-12	118	-118	0	0	-133	156	-159		
2.167	-50	-16	-7	134	-114	0	0	-126	178	-151		
2.200	-2	0	0	162	-106	0	0	-118	216	-141		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
2.202	0	0	1	164	-106	0	0	-117	219	-141		
2.250	60	20	10	205	-95	0	0	0	272	-126		
2.292	102	34	17	234	-86	0	0	0	312	-114		
2.300	109	36	18	239	-85	0	0	0	318	-113		
2.350	150	49	24	273	-75	0	0	0	363	-100		
2.400	177	57	28	297	-65	0	0	0	395	-87		
2.417	184	59	29	304	-62	0	0	0	405	-82		
2.450	192	62	31	311	-56	0	0	0	414	-74		
2.484	195	63	31	311	-62	0	0	0	414	-82		
2.500	194	62	31	315	-66	0	0	0	419	-88		
2.542	186	60	29	312	-77	0	0	0	415	-102		
2.550	184	59	29	309	-79	0	0	0	411	-105		
2.600	163	52	26	298	-93	0	0	0	397	-124		
2.650	129	41	20	279	-108	0	0	0	371	-143		
2.667	115	36	18	273	-113	0	0	0	363	-150		
2.700	83	26	13	252	-122	0	0	0	335	-162		
2.750	24	7	3	216	-136	0	0	0	288	-182		
2.768	0	-1	-1	204	-142	0	0	-200	271	-239		
2.792	-35	-12	-6	185	-148	0	0	-210	246	-251		
2.800	-47	-16	-8	177	-151	0	0	-214	235	-256		
2.850	-133	-43	-21	128	-168	0	0	-238	170	-285		
2.887	-205	-66	-33	87	-181	0	0	-256	116	-307		
2.896	-223	-72	-35	81	-184	0	0	-260	108	-312		
2.900	-231	-75	-37	80	-186	0	0	-264	106	-316		
2.950	-343	-110	-54	58	-204	0	0	-344	77	-412		
3.000	-468	-149	-73	62	-249	0	0	-464	83	-555		
3.000	-465	-148	-73	62	-242	0	0	-461	82	-551		
3.021	-412	-131	-65	56	-217	0	0	-411	74	-492		
3.042	-362	-115	-57	50	-206	0	0	-362	67	-434		
3.050	-345	-110	-54	48	-203	0	0	-345	64	-414		
3.100	-238	-76	-37	77	-186	0	0	-262	102	-313		
3.112	-214	-68	-34	86	-181	0	0	-256	114	-306		
3.150	-145	-46	-23	121	-169	0	0	-239	161	-285		
3.167	-116	-37	-18	137	-163	0	0	-228	182	-273		
3.200	-65	-20	-10	166	-153	0	0	-214	221	-256		
3.248	0	1	0	205	-138	0	0	-193	273	-232		
3.250	3	1	1	208	-137	0	0	0	277	-183		
3.292	50	17	8	237	-124	0	0	0	315	-165		
3.300	58	19	9	242	-122	0	0	0	322	-163		
3.350	104	34	16	275	-109	0	0	0	366	-145		
3.400	137	44	21	298	-95	0	0	0	397	-126		
3.417	145	47	23	306	-90	0	0	0	407	-120		
3.450	157	50	25	312	-81	0	0	0	415	-108		
3.500	165	53	26	316	-69	0	0	0	420	-91		
3.506	165	53	26	317	-69	0	0	0	422	-92		
3.542	161	52	25	312	-77	0	0	0	416	-102		
3.550	160	51	25	309	-79	0	0	0	411	-105		
3.600	144	46	22	299	-93	0	0	0	397	-124		
3.650	116	37	18	279	-108	0	0	0	372	-143		
3.667	103	32	16	273	-113	0	0	0	363	-150		
3.700	75	23	11	252	-122	0	0	0	335	-162		
3.750	22	6	3	216	-136	0	0	0	288	-181		
3.768	0	-1	0	204	-141	0	0	-200	271	-239		
3.792	-33	-12	-6	185	-148	0	0	-209	246	-251		
3.800	-44	-15	-7	176	-151	0	0	-213	235	-256		
3.850	-124	-41	-20	128	-168	0	0	-238	170	-285		
3.887	-193	-62	-31	87	-181	0	0	-256	116	-307		
3.896	-210	-68	-33	81	-184	0	0	-260	108	-311		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
3.900	-217	-70	-34	80	-185	0	0	-264	106	-316		
3.950	-323	-103	-51	58	-204	0	0	-344	77	-412		
4.000	-443	-141	-69	67	-250	0	0	-464	90	-556		
4.000	-440	-140	-68	66	-243	0	0	-461	87	-552		
4.021	-388	-123	-60	60	-218	0	0	-412	80	-493		
4.042	-339	-108	-53	58	-207	0	0	-363	77	-434		
4.050	-321	-102	-50	57	-204	0	0	-346	76	-414		
4.100	-217	-69	-34	83	-187	0	0	-264	110	-316		
4.112	-193	-61	-30	90	-182	0	0	-258	120	-309		
4.150	-125	-40	-19	121	-170	0	0	-241	161	-288		
4.167	-97	-30	-15	137	-164	0	0	-230	182	-276		
4.200	-47	-14	-7	166	-154	0	0	-216	221	-259		
4.234	0	1	0	194	-143	0	0	-201	258	-241		
4.250	19	7	3	208	-138	0	0	0	277	-184		
4.292	65	22	11	237	-125	0	0	0	316	-166		
4.300	73	24	12	242	-123	0	0	0	322	-164		
4.350	117	38	19	275	-109	0	0	0	366	-145		
4.400	149	48	24	299	-96	0	0	0	397	-127		
4.417	156	50	25	306	-91	0	0	0	407	-121		
4.450	167	54	26	312	-82	0	0	0	416	-109		
4.499	173	56	27	315	-69	0	0	0	419	-91		
4.500	173	56	27	316	-69	0	0	0	420	-92		
4.542	169	54	27	313	-77	0	0	0	416	-102		
4.550	167	54	26	310	-79	0	0	0	412	-105		
4.600	150	48	23	299	-93	0	0	0	397	-124		
4.650	120	38	19	279	-108	0	0	0	372	-143		
4.667	107	34	16	273	-113	0	0	0	364	-150		
4.700	78	24	12	252	-122	0	0	0	335	-162		
4.750	23	6	3	216	-136	0	0	0	288	-181		
4.768	0	-1	0	204	-141	0	0	-200	271	-239		
4.792	-34	-12	-6	185	-148	0	0	-209	246	-251		
4.800	-45	-15	-8	176	-151	0	0	-213	235	-255		
4.850	-127	-41	-20	128	-168	0	0	-238	170	-285		
4.887	-196	-64	-31	87	-181	0	0	-256	116	-306		
4.896	-213	-69	-34	81	-184	0	0	-260	108	-311		
4.900	-221	-71	-35	80	-185	0	0	-264	106	-316		
4.950	-329	-105	-52	58	-204	0	0	-344	77	-412		
5.000	-450	-143	-70	68	-250	0	0	-464	90	-556		
5.000	-447	-142	-70	66	-243	0	0	-461	88	-552		
5.021	-395	-126	-62	60	-218	0	0	-412	80	-493		
5.042	-345	-110	-54	58	-207	0	0	-363	77	-434		
5.050	-328	-104	-51	57	-204	0	0	-346	76	-414		
5.100	-223	-71	-35	83	-187	0	0	-264	110	-316		
5.112	-199	-63	-31	90	-182	0	0	-258	120	-309		
5.150	-131	-42	-20	121	-170	0	0	-241	161	-288		
5.167	-103	-32	-16	137	-164	0	0	-231	182	-276		
5.200	-52	-16	-8	166	-154	0	0	-216	221	-259		
5.238	0	1	0	197	-142	0	0	-200	263	-239		
5.250	14	5	3	208	-138	0	0	0	277	-184		
5.292	61	20	10	237	-125	0	0	0	316	-167		
5.300	69	23	11	242	-123	0	0	0	322	-164		
5.350	113	37	18	275	-109	0	0	0	366	-145		
5.400	145	47	23	299	-96	0	0	0	397	-127		
5.417	153	49	24	306	-91	0	0	0	407	-121		
5.450	164	53	26	312	-82	0	0	0	415	-109		
5.500	170	55	27	316	-69	0	0	0	420	-92		
5.501	170	55	27	316	-69	0	0	0	420	-92		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
5.542	166	53	26	313	-77	0	0	0	416	-102		
5.550	164	53	26	309	-79	0	0	0	412	-105		
5.600	147	47	23	299	-93	0	0	0	397	-124		
5.650	118	37	18	279	-107	0	0	0	372	-143		
5.667	105	33	16	273	-112	0	0	0	363	-149		
5.700	76	24	12	252	-122	0	0	0	335	-162		
5.750	21	6	3	216	-136	0	0	0	288	-181		
5.767	0	-1	0	204	-141	0	0	-199	272	-238		
5.792	-35	-12	-6	185	-148	0	0	-209	245	-250		
5.800	-46	-16	-8	176	-151	0	0	-213	235	-255		
5.850	-127	-42	-20	127	-168	0	0	-237	170	-284		
5.888	-197	-64	-31	86	-180	0	0	-255	114	-305		
5.896	-214	-69	-34	79	-183	0	0	-261	105	-312		
5.900	-221	-71	-35	78	-185	0	0	-263	103	-315		
5.950	-329	-105	-52	54	-204	0	0	-344	71	-412		
6.000	-450	-143	-70	62	-250	0	0	-464	83	-556		
6.000	-446	-142	-70	61	-243	0	0	-461	81	-552		
6.021	-394	-125	-61	60	-219	0	0	-411	79	-493		
6.042	-345	-109	-54	58	-207	0	0	-363	77	-434		
6.050	-327	-104	-51	57	-204	0	0	-346	76	-414		
6.100	-222	-71	-35	83	-187	0	0	-265	110	-317		
6.112	-198	-63	-31	90	-182	0	0	-258	120	-309		
6.150	-130	-41	-20	121	-170	0	0	-241	161	-289		
6.167	-101	-32	-16	137	-164	0	0	-231	182	-276		
6.200	-51	-16	-8	166	-154	0	0	-217	221	-259		
6.237	0	1	0	196	-142	0	0	-200	261	-240		
6.250	16	6	3	208	-138	0	0	0	277	-184		
6.292	63	21	10	237	-125	0	0	0	316	-167		
6.300	71	24	12	242	-123	0	0	0	322	-164		
6.350	115	37	18	275	-109	0	0	0	366	-145		
6.400	147	47	23	298	-96	0	0	0	397	-127		
6.417	156	50	25	306	-91	0	0	0	407	-121		
6.450	167	53	26	312	-82	0	0	0	415	-109		
6.500	174	56	27	316	-68	0	0	0	420	-91		
6.502	174	56	27	316	-68	0	0	0	420	-90		
6.542	169	54	27	312	-67	0	0	0	415	-89		
6.550	168	54	26	309	-69	0	0	0	411	-91		
6.600	151	48	24	298	-81	0	0	0	396	-108		
6.650	122	38	19	279	-94	0	0	0	371	-125		
6.667	109	34	17	272	-98	0	0	0	362	-131		
6.700	81	25	12	251	-107	0	0	0	334	-142		
6.750	26	7	4	215	-120	0	0	0	286	-159		
6.771	0	-1	-1	199	-125	0	0	-144	265	-173		
6.792	-30	-11	-5	184	-130	0	0	-151	244	-180		
6.800	-41	-14	-7	175	-133	0	0	-154	233	-184		
6.850	-122	-40	-20	123	-149	0	0	-173	163	-207		
6.896	-208	-67	-33	76	-163	0	0	-216	102	-259		
6.900	-216	-70	-34	75	-165	0	0	-224	100	-268		
6.950	-322	-103	-51	49	-186	0	0	-331	65	-396		
7.000	-443	-141	-69	61	-235	0	0	-446	81	-534		
7.000	-439	-140	-69	61	-231	0	0	-442	81	-529		
7.026	-387	-123	-61	60	-219	0	0	-393	80	-470		
7.050	-341	-109	-54	59	-209	0	0	-350	78	-419		
7.053	-336	-107	-53	58	-208	0	0	-345	78	-413		
7.100	-252	-81	-40	72	-195	0	0	-277	96	-331		
7.125	-210	-67	-33	85	-189	0	0	-268	113	-320		
7.150	-171	-55	-27	102	-182	0	0	-259	135	-309		

----- UNFACTORED MOMENT SUMMARY -----

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).													
LANE POSITION: MULTIPLE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MAX	MIN	
		MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
7.200		-98	-32	-16	138	-169	0	0	-238	183	-285		
7.209		-86	-28	-14	147	-167	0	0	-235	195	-281		
7.250		-34	-11	-5	179	-157	0	0	-221	238	-265		
7.279		0	0	0	200	-150	0	0	-212	266	-253		
7.300		23	7	4	215	-145	0	0	0	285	-193		
7.350		72	23	11	244	-133	0	0	0	325	-177		
7.365		85	27	13	253	-130	0	0	0	337	-173		
7.400		113	36	18	272	-122	0	0	0	361	-163		
7.450		147	47	23	296	-112	0	0	0	394	-149		
7.500		173	55	27	314	-101	0	0	0	418	-135		
7.522		182	58	29	320	-96	0	0	0	425	-128		
7.550		191	61	30	324	-90	0	0	0	431	-120		
7.600		201	64	32	324	-80	0	0	0	431	-106		
7.636		203	65	32	316	-72	0	0	0	420	-95		
7.650		203	65	32	315	-69	0	0	0	418	-91		
7.678		200	64	32	306	-62	0	0	0	407	-83		
7.700		197	63	31	302	-59	0	0	0	401	-78		
7.750		185	59	29	285	-49	0	0	0	378	-65		
7.800		164	52	26	259	-39	0	0	0	344	-52		
7.839		142	45	22	229	-32	0	0	0	305	-42		
7.850		135	43	21	221	-30	0	0	0	294	-39		
7.900		98	31	15	169	-20	0	0	0	224	-26		
7.942		62	19	10	110	-11	0	0	0	146	-15		
7.950		53	17	8	97	-10	0	0	0	129	-13		
7.958		46	14	7	82	-8	0	0	0	110	-11		
8.000		0	0	0	1	-8	0	0	-9	1	-10		
8.000		0	0	0	0	-7	0	0	-8	0	-9		
8.375		0	0	0	0	-4	0	0	-5	0	-6		
9.000		0	0	0	0	0	0	0	0	0	0		

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-8 MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).													
LANE POSITION: MULTIPLE LANE WITH IMPACT													

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MAX	MIN	
		MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
0.000		0	0	0	0	-1	0	0	0	0	-1		
0.625		0	0	0	0	-6	0	0	-7	0	-8		
1.000		0	0	0	0	-9	0	0	-11	0	-13		
1.000		0	0	0	0	-9	0	0	-11	0	-13		
1.000		0	0	0	0	-9	0	0	-11	0	-13		
1.049		38	12	6	52	-8	0	0	0	69	-10		
1.050		39	12	6	52	-8	0	0	0	69	-10		
1.100		72	23	11	89	-13	0	0	0	119	-17		
1.109		77	24	12	97	-14	0	0	0	129	-18		
1.150		98	31	15	119	-19	0	0	0	158	-25		
1.169		107	34	16	131	-21	0	0	0	174	-29		
1.173		108	34	16	131	-22	0	0	0	175	-29		
1.188		114	36	17	139	-24	0	0	0	185	-32		
1.200		118	38	18	140	-25	0	0	0	187	-34		
1.250		132	42	20	158	-32	0	0	0	210	-42		
1.300		140	45	21	170	-38	0	0	0	226	-50		
1.346		142	45	21	178	-44	0	0	0	236	-58		
1.350		142	45	21	177	-44	0	0	0	236	-59		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
1.353	142	45	21	177	-45	0	0	0	235	-59		
1.400	139	44	21	181	-51	0	0	0	241	-68		
1.450	131	41	19	182	-58	0	0	0	242	-77		
1.500	115	36	17	179	-65	0	0	0	238	-86		
1.525	106	33	15	181	-68	0	0	0	241	-91		
1.550	94	29	14	174	-72	0	0	0	231	-95		
1.600	67	20	9	164	-79	0	0	0	218	-105		
1.650	33	10	4	151	-86	0	0	0	200	-114		
1.692	0	-1	-1	139	-91	0	0	-138	184	-165		
1.700	-6	-3	-2	137	-93	0	0	-140	182	-167		
1.703	-9	-4	-2	137	-93	0	0	-140	182	-168		
1.750	-53	-18	-9	113	-100	0	0	-151	150	-181		
1.800	-106	-35	-17	89	-109	0	0	-164	118	-196		
1.850	-165	-54	-26	61	-117	0	0	-175	81	-209		
1.852	-167	-54	-27	59	-117	0	0	-175	79	-210		
1.893	-220	-71	-35	47	-124	0	0	-190	63	-228		
1.900	-230	-74	-36	43	-125	0	0	-192	57	-230		
1.950	-302	-97	-47	38	-134	0	0	-206	50	-246		
2.000	-380	-121	-59	40	-142	0	0	-253	53	-303		
2.000	-377	-121	-59	39	-142	0	0	-251	52	-300		
2.021	-327	-105	-51	36	-122	0	0	-221	48	-265		
2.042	-281	-90	-43	32	-103	0	0	-193	43	-231		
2.050	-264	-84	-41	31	-97	0	0	-183	41	-219		
2.075	-212	-68	-33	38	-87	0	0	-150	50	-180		
2.100	-164	-52	-25	48	-82	0	0	-118	64	-142		
2.150	-77	-24	-12	76	-75	0	0	-84	101	-101		
2.167	-50	-16	-7	91	-72	0	0	-81	121	-97		
2.200	-2	0	0	104	-67	0	0	-76	139	-91		
2.202	0	0	1	106	-67	0	0	-76	142	-90		
2.250	60	20	10	131	-60	0	0	0	175	-80		
2.292	102	34	17	154	-54	0	0	0	204	-72		
2.300	109	36	18	153	-54	0	0	0	203	-71		
2.350	150	49	24	174	-47	0	0	0	231	-63		
2.400	177	57	28	188	-41	0	0	0	250	-55		
2.417	184	59	29	197	-39	0	0	0	262	-52		
2.450	192	62	31	199	-35	0	0	0	265	-47		
2.484	195	63	31	196	-39	0	0	0	261	-52		
2.500	194	62	31	202	-42	0	0	0	269	-55		
2.542	186	60	29	202	-48	0	0	0	268	-64		
2.550	184	59	29	199	-50	0	0	0	265	-66		
2.600	163	52	26	193	-59	0	0	0	257	-78		
2.650	129	41	20	181	-68	0	0	0	240	-90		
2.667	115	36	18	178	-71	0	0	0	237	-94		
2.700	83	26	13	164	-77	0	0	0	219	-102		
2.750	24	7	3	141	-86	0	0	0	188	-114		
2.768	0	-1	-1	129	-89	0	0	-135	172	-161		
2.792	-35	-12	-6	121	-94	0	0	-141	161	-169		
2.800	-47	-16	-8	116	-95	0	0	-144	154	-172		
2.850	-133	-43	-21	83	-106	0	0	-160	110	-191		
2.887	-205	-66	-33	53	-115	0	0	-172	71	-206		
2.896	-223	-72	-35	52	-116	0	0	-174	69	-208		
2.900	-231	-75	-37	52	-118	0	0	-179	70	-214		
2.950	-343	-110	-54	36	-129	0	0	-205	49	-246		
3.000	-468	-149	-73	39	-158	0	0	-285	52	-341		
3.000	-465	-148	-73	39	-153	0	0	-283	52	-338		
3.021	-412	-131	-65	35	-137	0	0	-250	47	-299		
3.042	-362	-115	-57	32	-130	0	0	-219	42	-262		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
3.050	-345	-110	-54	31	-128	0	0	-209	42	-251		
3.100	-238	-76	-37	50	-117	0	0	-177	67	-212		
3.112	-214	-68	-34	59	-114	0	0	-173	79	-207		
3.150	-145	-46	-23	78	-107	0	0	-161	103	-193		
3.167	-116	-37	-18	92	-103	0	0	-153	123	-184		
3.200	-65	-20	-10	107	-97	0	0	-143	143	-172		
3.248	0	1	0	131	-87	0	0	-129	174	-155		
3.250	3	1	1	133	-87	0	0	0	177	-115		
3.292	50	17	8	155	-79	0	0	0	207	-105		
3.300	58	19	9	155	-77	0	0	0	206	-103		
3.350	104	34	16	175	-69	0	0	0	233	-91		
3.400	137	44	21	190	-60	0	0	0	252	-80		
3.417	145	47	23	198	-57	0	0	0	263	-76		
3.450	157	50	25	200	-51	0	0	0	266	-68		
3.500	165	53	26	203	-43	0	0	0	269	-58		
3.506	165	53	26	205	-44	0	0	0	272	-58		
3.542	161	52	25	202	-49	0	0	0	269	-65		
3.550	160	51	25	200	-50	0	0	0	265	-66		
3.600	144	46	22	194	-59	0	0	0	257	-78		
3.650	116	37	18	181	-68	0	0	0	241	-90		
3.667	103	32	16	178	-71	0	0	0	237	-94		
3.700	75	23	11	164	-77	0	0	0	219	-102		
3.750	22	6	3	141	-86	0	0	0	188	-114		
3.768	0	-1	0	129	-89	0	0	-134	172	-161		
3.792	-33	-12	-6	121	-94	0	0	-141	161	-169		
3.800	-44	-15	-7	115	-95	0	0	-144	153	-172		
3.850	-124	-41	-20	83	-106	0	0	-160	110	-191		
3.887	-193	-62	-31	53	-114	0	0	-172	71	-206		
3.896	-210	-68	-33	52	-116	0	0	-174	69	-208		
3.900	-217	-70	-34	52	-117	0	0	-179	70	-214		
3.950	-323	-103	-51	37	-129	0	0	-205	49	-246		
4.000	-443	-141	-69	43	-158	0	0	-285	57	-342		
4.000	-440	-140	-68	41	-154	0	0	-283	55	-339		
4.021	-388	-123	-60	38	-138	0	0	-250	51	-299		
4.042	-339	-108	-53	36	-131	0	0	-220	48	-263		
4.050	-321	-102	-50	36	-129	0	0	-210	48	-252		
4.100	-217	-69	-34	54	-118	0	0	-179	71	-214		
4.112	-193	-61	-30	61	-115	0	0	-174	81	-209		
4.150	-125	-40	-19	78	-107	0	0	-163	103	-195		
4.167	-97	-30	-15	92	-104	0	0	-155	123	-185		
4.200	-47	-14	-7	107	-97	0	0	-145	142	-173		
4.234	0	1	0	120	-90	0	0	-134	160	-161		
4.250	19	7	3	133	-87	0	0	0	177	-116		
4.292	65	22	11	155	-79	0	0	0	207	-105		
4.300	73	24	12	155	-78	0	0	0	206	-104		
4.350	117	38	19	175	-69	0	0	0	233	-92		
4.400	149	48	24	190	-60	0	0	0	252	-80		
4.417	156	50	25	198	-57	0	0	0	263	-76		
4.450	167	54	26	200	-52	0	0	0	266	-69		
4.499	173	56	27	202	-43	0	0	0	269	-58		
4.500	173	56	27	203	-43	0	0	0	270	-58		
4.542	169	54	27	202	-49	0	0	0	269	-65		
4.550	167	54	26	200	-50	0	0	0	266	-67		
4.600	150	48	23	194	-59	0	0	0	258	-78		
4.650	120	38	19	181	-68	0	0	0	241	-90		
4.667	107	34	16	178	-71	0	0	0	237	-94		
4.700	78	24	12	164	-77	0	0	0	219	-102		
4.750	23	6	3	141	-86	0	0	0	188	-114		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
4.768	0	-1	0	129	-89	0	0	-134	172	-161		
4.792	-34	-12	-6	121	-94	0	0	-141	161	-169		
4.800	-45	-15	-8	115	-95	0	0	-144	153	-172		
4.850	-127	-41	-20	83	-106	0	0	-160	110	-191		
4.887	-196	-64	-31	53	-114	0	0	-172	71	-205		
4.896	-213	-69	-34	52	-116	0	0	-174	69	-208		
4.900	-221	-71	-35	52	-117	0	0	-179	70	-214		
4.950	-329	-105	-52	37	-129	0	0	-205	49	-246		
5.000	-450	-143	-70	43	-158	0	0	-285	57	-342		
5.000	-447	-142	-70	42	-154	0	0	-283	55	-339		
5.021	-395	-126	-62	38	-138	0	0	-250	51	-299		
5.042	-345	-110	-54	37	-131	0	0	-220	49	-263		
5.050	-328	-104	-51	36	-129	0	0	-210	48	-252		
5.100	-223	-71	-35	54	-118	0	0	-179	72	-214		
5.112	-199	-63	-31	61	-115	0	0	-175	82	-209		
5.150	-131	-42	-20	78	-107	0	0	-163	103	-195		
5.167	-103	-32	-16	92	-104	0	0	-155	123	-186		
5.200	-52	-16	-8	110	-97	0	0	-145	146	-173		
5.238	0	1	0	123	-90	0	0	-133	164	-160		
5.250	14	5	3	133	-87	0	0	0	177	-116		
5.292	61	20	10	156	-79	0	0	0	207	-105		
5.300	69	23	11	155	-78	0	0	0	206	-104		
5.350	113	37	18	175	-69	0	0	0	233	-92		
5.400	145	47	23	190	-60	0	0	0	252	-80		
5.417	153	49	24	198	-57	0	0	0	263	-76		
5.450	164	53	26	200	-52	0	0	0	266	-69		
5.500	170	55	27	203	-43	0	0	0	270	-58		
5.501	170	55	27	203	-44	0	0	0	270	-58		
5.542	166	53	26	202	-49	0	0	0	269	-65		
5.550	164	53	26	200	-50	0	0	0	266	-66		
5.600	147	47	23	194	-59	0	0	0	257	-78		
5.650	118	37	18	181	-68	0	0	0	241	-90		
5.667	105	33	16	178	-71	0	0	0	237	-94		
5.700	76	24	12	164	-77	0	0	0	219	-102		
5.750	21	6	3	141	-86	0	0	0	188	-114		
5.767	0	-1	0	130	-89	0	0	-134	173	-160		
5.792	-35	-12	-6	121	-93	0	0	-140	161	-168		
5.800	-46	-16	-8	115	-95	0	0	-143	153	-171		
5.850	-127	-42	-20	82	-106	0	0	-159	110	-190		
5.888	-197	-64	-31	53	-114	0	0	-171	70	-205		
5.896	-214	-69	-34	50	-116	0	0	-177	67	-212		
5.900	-221	-71	-35	51	-117	0	0	-180	68	-215		
5.950	-329	-105	-52	34	-129	0	0	-205	45	-246		
6.000	-450	-143	-70	39	-158	0	0	-285	53	-342		
6.000	-446	-142	-70	39	-154	0	0	-283	51	-339		
6.021	-394	-125	-61	38	-138	0	0	-250	50	-299		
6.042	-345	-109	-54	37	-131	0	0	-220	49	-264		
6.050	-327	-104	-51	36	-129	0	0	-210	48	-252		
6.100	-222	-71	-35	54	-118	0	0	-179	72	-214		
6.112	-198	-63	-31	61	-115	0	0	-175	82	-209		
6.150	-130	-41	-20	78	-107	0	0	-163	104	-195		
6.167	-101	-32	-16	92	-104	0	0	-155	123	-186		
6.200	-51	-16	-8	109	-97	0	0	-145	146	-174		
6.237	0	1	0	122	-90	0	0	-134	162	-160		
6.250	16	6	3	133	-87	0	0	0	177	-116		
6.292	63	21	10	156	-79	0	0	0	207	-105		
6.300	71	24	12	155	-78	0	0	0	206	-104		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 2 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
6.350	115	37	18	175	-69	0	0	0	233	-92		
6.400	147	47	23	190	-60	0	0	0	252	-80		
6.417	156	50	25	198	-57	0	0	0	263	-76		
6.450	167	53	26	200	-52	0	0	0	266	-69		
6.500	174	56	27	203	-43	0	0	0	270	-57		
6.502	174	56	27	203	-43	0	0	0	270	-57		
6.542	169	54	27	202	-42	0	0	0	269	-56		
6.550	168	54	26	199	-43	0	0	0	265	-58		
6.600	151	48	24	193	-51	0	0	0	257	-68		
6.650	122	38	19	181	-60	0	0	0	240	-79		
6.667	109	34	17	178	-62	0	0	0	237	-83		
6.700	81	25	12	164	-68	0	0	0	218	-90		
6.750	26	7	4	141	-76	0	0	0	187	-101		
6.771	0	-1	-1	126	-79	0	0	-99	168	-119		
6.792	-30	-11	-5	121	-83	0	0	-104	160	-124		
6.800	-41	-14	-7	114	-84	0	0	-106	152	-127		
6.850	-122	-40	-20	82	-94	0	0	-119	109	-142		
6.896	-208	-67	-33	49	-103	0	0	-132	65	-158		
6.900	-216	-70	-34	50	-104	0	0	-135	66	-162		
6.950	-322	-103	-51	34	-118	0	0	-195	45	-233		
7.000	-443	-141	-69	39	-149	0	0	-275	51	-329		
7.000	-439	-140	-69	39	-146	0	0	-273	51	-327		
7.026	-387	-123	-61	38	-138	0	0	-242	50	-289		
7.050	-341	-109	-54	37	-132	0	0	-217	49	-260		
7.053	-336	-107	-53	37	-131	0	0	-214	49	-256		
7.100	-252	-81	-40	51	-123	0	0	-187	67	-224		
7.125	-210	-67	-33	54	-119	0	0	-181	72	-216		
7.150	-171	-55	-27	70	-115	0	0	-175	93	-210		
7.200	-98	-32	-16	94	-107	0	0	-160	125	-192		
7.209	-86	-28	-14	99	-106	0	0	-158	132	-189		
7.250	-34	-11	-5	119	-99	0	0	-148	159	-177		
7.279	0	0	0	125	-95	0	0	-141	166	-169		
7.300	23	7	4	142	-92	0	0	0	188	-122		
7.350	72	23	11	160	-84	0	0	0	213	-112		
7.365	85	27	13	166	-82	0	0	0	221	-109		
7.400	113	36	18	178	-77	0	0	0	237	-103		
7.450	147	47	23	193	-71	0	0	0	256	-94		
7.500	173	55	27	202	-64	0	0	0	269	-85		
7.522	182	58	29	206	-61	0	0	0	274	-81		
7.550	191	61	30	208	-57	0	0	0	277	-76		
7.600	201	64	32	210	-50	0	0	0	279	-67		
7.636	203	65	32	203	-45	0	0	0	271	-60		
7.650	203	65	32	205	-43	0	0	0	272	-58		
7.678	200	64	32	200	-39	0	0	0	266	-52		
7.700	197	63	31	198	-37	0	0	0	263	-49		
7.750	185	59	29	187	-31	0	0	0	249	-41		
7.800	164	52	26	170	-25	0	0	0	226	-33		
7.839	142	45	22	148	-20	0	0	0	197	-27		
7.850	135	43	21	145	-19	0	0	0	193	-25		
7.900	98	31	15	111	-12	0	0	0	148	-17		
7.942	62	19	10	72	-7	0	0	0	96	-10		
7.950	53	17	8	64	-6	0	0	0	85	-8		
7.958	46	14	7	54	-5	0	0	0	72	-7		
8.000	0	0	0	0	-8	0	0	-9	1	-10		
8.000	0	0	0	0	-7	0	0	-8	0	-10		
8.375	0	0	0	0	-5	0	0	-5	0	-6		
9.000	0	0	0	0	0	0	0	0	0	0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Based on Input Section) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD		DW	TRUCK		LANE		COMBINED		FATIGUE	
	FRAC	A-DC SHEAR (kips)		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
		B-DC SHEAR (kips)	SHEAR (kips)	(kips)	(kips)	(kips)	(kips)	TRUCK+LANE (kips)	(kips)	TRUCK (kips)	(kips)
0.000	0.0	0.0	0.0	0.0	-18.5	0.0	-0.1	0.1	-24.8		
0.625	-0.1	-0.1	0.0	0.0	-18.5	0.0	-0.2	0.1	-24.9		
1.000	-0.2	-0.2	-0.1	0.0	-18.6	0.0	-0.3	0.1	-25.0		
1.000	15.1	4.8	2.3	29.1	-4.1	8.5	-2.2	47.2	-7.7		
1.000	15.1	4.7	2.3	29.0	-4.1	8.2	-2.2	46.8	-7.7		
1.049	12.8	4.1	1.9	29.0	-4.1	7.7	-2.2	46.3	-7.7		
1.050	12.7	4.1	1.9	28.3	-4.1	7.6	-2.2	45.2	-7.7		
1.100	10.5	3.4	1.6	25.2	-5.4	6.9	-2.3	40.4	-9.5		
1.109	10.1	3.2	1.5	25.2	-5.9	6.8	-2.4	40.3	-10.3		
1.150	8.3	2.7	1.2	22.2	-8.6	6.0	-2.6	35.5	-14.1		
1.169	7.5	2.4	1.1	22.2	-9.5	5.9	-2.7	35.4	-15.4		
1.173	7.3	2.4	1.1	21.5	-9.5	5.8	-2.8	34.4	-15.4		
1.188	6.7	2.1	1.0	21.1	-10.7	5.6	-2.9	33.8	-17.1		
1.200	6.1	2.0	0.9	18.8	-10.8	5.2	-3.0	30.2	-17.4		
1.250	3.9	1.3	0.6	16.8	-12.9	4.6	-3.4	26.9	-20.6		
1.300	1.7	0.6	0.2	14.8	-14.9	4.0	-3.8	23.7	-23.6		
1.346	-0.3	-0.1	-0.1	17.9	-16.9	4.3	-4.2	28.1	-26.7		
1.350	0.1	-0.1	0.0	16.4	-12.6	4.0	-3.9	25.8	-20.6		
1.353	0.0	-0.1	0.0	16.4	-11.5	4.0	-3.8	25.8	-19.2		
1.400	-2.1	-0.8	-0.3	14.8	-13.7	3.4	-4.3	23.1	-22.5		
1.450	-4.3	-1.4	-0.7	13.2	-15.2	2.9	-4.8	20.4	-25.0		
1.500	-6.5	-2.1	-1.0	12.4	-16.7	2.6	-5.3	19.1	-27.4		
1.525	-7.6	-2.5	-1.2	11.8	-17.4	2.5	-5.5	18.2	-28.6		
1.550	-8.7	-2.8	-1.3	10.2	-18.2	2.1	-5.9	15.7	-30.1		
1.600	-10.9	-3.5	-1.7	9.4	-20.3	1.8	-6.5	14.3	-33.5		
1.650	-13.1	-4.2	-2.0	7.4	-22.5	1.4	-7.3	11.3	-37.2		
1.692	-15.0	-4.8	-2.3	6.8	-24.8	1.3	-7.8	10.4	-40.7		
1.700	-15.3	-4.9	-2.4	7.4	-24.8	1.4	-7.8	11.2	-40.7		
1.703	-15.7	-5.0	-2.4	10.0	-24.9	2.2	-8.6	15.5	-41.7		
1.750	-17.8	-5.7	-2.7	8.0	-25.6	1.5	-9.4	12.2	-43.4		
1.800	-20.0	-6.4	-3.1	6.8	-27.9	1.4	-10.1	10.5	-47.3		
1.850	-22.2	-7.1	-3.4	3.5	-30.5	1.1	-11.2	5.8	-51.7		
1.852	-22.2	-7.1	-3.4	3.5	-30.4	1.1	-11.2	5.8	-51.6		
1.893	-24.1	-7.6	-3.7	2.2	-33.1	1.0	-12.1	3.9	-56.2		
1.900	-24.4	-7.7	-3.8	2.5	-33.1	1.0	-12.1	4.3	-56.2		
1.950	-26.7	-8.4	-4.1	2.0	-36.0	1.0	-13.4	3.7	-61.2		
2.000	-29.0	-9.1	-4.4	2.0	-36.0	1.0	-13.8	3.7	-61.6		
2.000	29.8	9.6	4.7	34.8	-3.9	15.1	-2.3	61.4	-7.5		
2.021	28.4	9.2	4.5	34.8	-3.9	14.7	-2.3	61.1	-7.5		
2.042	27.1	8.8	4.3	35.2	-3.9	14.1	-2.4	60.9	-7.6		
2.050	26.6	8.5	4.2	34.3	-3.7	13.6	-2.1	59.3	-7.0		
2.075	24.9	8.0	3.9	32.5	-3.7	12.9	-2.1	56.1	-7.0		
2.100	23.4	7.5	3.7	31.3	-4.2	12.3	-2.2	53.9	-7.8		
2.150	20.2	6.5	3.2	28.7	-6.2	11.0	-2.4	49.3	-10.6		
2.167	19.1	6.2	3.0	28.1	-8.0	10.5	-2.6	47.9	-13.1		
2.200	17.1	5.5	2.7	26.0	-8.0	9.9	-2.6	44.5	-13.2		
2.202	17.0	5.5	2.7	26.0	-6.9	9.9	-2.5	44.5	-11.6		
2.250	13.9	4.5	2.2	23.2	-9.6	8.9	-2.9	39.7	-15.7		
2.292	12.1	3.8	1.8	24.6	-14.4	8.4	-3.7	41.1	-22.9		
2.300	11.6	3.6	1.8	24.2	-9.3	8.2	-3.0	40.3	-15.4		
2.350	8.4	2.6	1.3	21.5	-9.0	7.4	-3.1	36.0	-15.0		
2.400	5.3	1.7	0.8	19.0	-10.8	6.4	-3.6	31.6	-17.9		
2.417	4.2	1.3	0.6	18.3	-13.4	5.9	-4.1	30.3	-21.9		
2.450	2.1	0.7	0.3	16.3	-15.2	5.3	-4.5	27.0	-24.7		
2.484	0.0	0.0	0.0	13.3	-14.7	4.6	-4.7	22.3	-24.2		
2.500	-1.0	-0.3	-0.2	13.8	-14.7	4.7	-4.7	23.0	-24.2		
2.542	-3.7	-1.2	-0.6	15.8	-19.6	4.6	-5.8	25.6	-31.9		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC FRAC	B-DC SHEAR	DW SHEAR	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.550	-3.7	-1.3	-0.6	16.0	-15.9	4.6	-5.7	25.9	-26.9		
2.600	-6.8	-2.3	-1.1	14.0	-16.1	4.1	-6.1	22.6	-27.5		
2.650	-10.0	-3.3	-1.6	12.0	-18.4	3.4	-6.9	19.4	-31.3		
2.667	-11.1	-3.6	-1.8	10.8	-21.3	3.1	-7.6	17.5	-35.9		
2.700	-13.1	-4.3	-2.1	10.0	-21.3	2.9	-7.9	16.3	-36.2		
2.750	-16.3	-5.2	-2.6	8.1	-24.0	2.4	-9.0	13.2	-40.9		
2.768	-17.4	-5.6	-2.8	6.2	-25.6	2.1	-9.7	10.3	-43.7		
2.792	-19.4	-6.2	-3.0	9.0	-27.9	2.8	-10.9	14.7	-48.0		
2.800	-19.8	-6.3	-3.1	10.7	-27.1	2.8	-11.0	17.0	-47.1		
2.850	-23.0	-7.3	-3.6	7.8	-30.0	2.4	-12.2	12.8	-52.1		
2.887	-25.3	-8.1	-4.0	4.5	-31.8	2.0	-13.1	8.0	-55.4		
2.896	-25.9	-8.2	-4.0	4.5	-31.8	2.0	-13.1	8.0	-55.4		
2.900	-26.2	-8.3	-4.1	4.9	-31.8	2.1	-13.1	8.6	-55.4		
2.950	-29.6	-9.3	-4.6	2.7	-34.1	1.9	-14.2	5.5	-59.6		
3.000	-33.0	-10.3	-5.0	2.3	-37.8	1.9	-16.1	4.9	-66.3		
3.000	31.8	10.1	4.9	35.2	-3.9	15.9	-2.5	62.7	-7.7		
3.021	30.3	9.6	4.7	35.2	-3.9	15.5	-2.5	62.3	-7.7		
3.042	28.9	9.2	4.5	35.2	-3.9	15.0	-2.6	61.8	-7.8		
3.050	28.3	8.9	4.4	34.2	-3.7	14.5	-2.3	60.0	-7.2		
3.100	24.9	7.9	3.9	31.3	-4.3	13.2	-2.4	54.8	-8.1		
3.112	24.0	7.7	3.8	30.0	-5.0	12.6	-2.5	52.5	-9.1		
3.150	21.6	7.0	3.4	28.7	-6.1	12.0	-2.6	50.1	-10.8		
3.167	20.6	6.6	3.2	28.1	-7.8	11.4	-2.8	48.8	-13.2		
3.200	18.5	6.0	2.9	26.0	-7.8	10.9	-2.9	45.5	-13.3		
3.248	15.5	5.0	2.5	22.9	-9.5	9.8	-3.2	40.2	-15.7		
3.250	15.4	5.0	2.4	23.1	-9.5	9.8	-3.2	40.6	-15.7		
3.292	13.4	4.2	2.1	24.5	-14.3	9.2	-4.0	41.8	-23.0		
3.300	12.9	4.1	2.0	24.1	-9.3	9.0	-3.3	41.1	-15.6		
3.350	9.8	3.1	1.5	21.4	-8.9	8.2	-3.4	36.7	-15.3		
3.400	6.6	2.1	1.0	18.9	-10.8	7.2	-3.8	32.3	-18.2		
3.417	5.6	1.7	0.9	18.3	-13.4	6.7	-4.4	31.0	-22.2		
3.450	3.5	1.1	0.5	16.3	-13.4	6.2	-4.5	27.9	-22.3		
3.500	0.4	0.1	0.1	13.7	-15.4	5.5	-5.1	23.7	-25.6		
3.506	0.0	0.0	0.0	13.7	-13.9	5.5	-5.0	23.7	-23.5		
3.542	-2.3	-0.7	-0.4	15.8	-19.6	5.4	-6.1	26.4	-32.2		
3.550	-2.3	-0.8	-0.4	16.0	-15.9	5.4	-6.0	26.6	-27.2		
3.600	-5.5	-1.8	-0.9	14.0	-16.1	4.9	-6.3	23.4	-27.8		
3.650	-8.6	-2.8	-1.4	12.0	-18.4	4.3	-7.2	20.2	-31.6		
3.667	-9.7	-3.2	-1.5	10.8	-21.3	4.0	-7.9	18.3	-36.3		
3.700	-11.8	-3.8	-1.9	10.0	-21.3	3.7	-8.2	17.1	-36.5		
3.750	-14.9	-4.8	-2.4	8.1	-24.0	3.3	-9.3	14.0	-41.2		
3.768	-16.0	-5.1	-2.5	6.3	-25.7	3.0	-10.0	11.3	-44.1		
3.792	-18.0	-5.7	-2.8	9.0	-27.9	3.6	-11.2	15.5	-48.3		
3.800	-18.5	-5.9	-2.9	10.7	-27.2	3.6	-11.3	17.8	-47.5		
3.850	-21.6	-6.9	-3.4	8.1	-30.0	3.2	-12.5	13.9	-52.4		
3.887	-24.0	-7.6	-3.7	5.0	-31.8	2.8	-13.4	9.5	-55.7		
3.896	-24.6	-7.8	-3.8	5.0	-31.8	2.8	-13.4	9.5	-55.7		
3.900	-24.8	-7.9	-3.9	5.4	-31.8	2.9	-13.4	10.0	-55.7		
3.950	-28.2	-8.8	-4.3	3.6	-34.2	2.7	-14.5	7.4	-59.9		
4.000	-31.7	-9.8	-4.8	3.5	-37.8	2.6	-16.3	7.3	-66.6		
4.000	31.3	9.9	4.9	35.2	-3.9	15.9	-2.7	62.7	-7.9		
4.021	29.9	9.5	4.7	35.2	-3.9	15.5	-2.7	62.3	-7.9		
4.042	28.5	9.1	4.5	35.2	-3.9	15.0	-2.7	61.8	-8.0		
4.050	27.9	8.8	4.3	34.2	-3.7	14.5	-2.5	60.1	-7.4		
4.100	24.5	7.8	3.8	31.3	-4.3	13.2	-2.6	54.8	-8.3		
4.112	23.6	7.6	3.7	30.0	-5.0	12.7	-2.7	52.5	-9.3		
4.150	21.2	6.8	3.3	28.7	-6.1	12.0	-2.9	50.2	-11.0		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
4.167	20.2	6.5	3.2	28.1	-7.8	11.5	-3.0	48.8	-13.4		
4.200	18.1	5.8	2.9	25.9	-9.5	10.7	-3.3	45.2	-16.0		
4.234	15.9	5.2	2.5	22.9	-9.5	9.9	-3.4	40.3	-16.0		
4.250	15.0	4.8	2.4	23.1	-9.5	9.9	-3.4	40.6	-16.0		
4.292	13.0	4.1	2.0	24.5	-14.3	9.3	-4.2	41.9	-23.3		
4.300	12.5	3.9	1.9	24.1	-9.3	9.0	-3.5	41.1	-15.9		
4.350	9.4	2.9	1.4	21.4	-9.0	8.2	-3.6	36.7	-15.5		
4.400	6.3	2.0	1.0	18.9	-10.8	7.2	-4.1	32.4	-18.4		
4.417	5.2	1.6	0.8	18.3	-13.4	6.8	-4.6	31.1	-22.4		
4.450	3.1	1.0	0.5	16.2	-13.4	6.3	-4.7	27.9	-22.5		
4.499	0.0	0.0	0.0	13.3	-14.8	5.5	-5.3	23.2	-25.0		
4.500	0.0	0.0	0.0	13.7	-14.8	5.6	-5.3	23.8	-25.0		
4.542	-2.7	-0.9	-0.4	15.8	-19.6	5.5	-6.3	26.4	-32.4		
4.550	-2.7	-1.0	-0.5	16.0	-15.9	5.4	-6.2	26.7	-27.4		
4.600	-5.9	-2.0	-1.0	14.0	-16.1	4.9	-6.6	23.5	-28.0		
4.650	-9.0	-3.0	-1.4	12.0	-18.4	4.3	-7.4	20.2	-31.9		
4.667	-10.1	-3.3	-1.6	10.8	-21.3	4.0	-8.2	18.3	-36.5		
4.700	-12.2	-3.9	-1.9	10.0	-21.3	3.8	-8.4	17.1	-36.8		
4.750	-15.3	-4.9	-2.4	8.1	-24.1	3.3	-9.5	14.1	-41.5		
4.768	-16.5	-5.3	-2.6	6.3	-25.7	3.0	-10.2	11.4	-44.3		
4.792	-18.4	-5.9	-2.9	9.0	-27.9	3.6	-11.4	15.6	-48.5		
4.800	-18.9	-6.0	-3.0	10.7	-27.2	3.6	-11.5	17.8	-47.7		
4.850	-22.0	-7.0	-3.4	8.1	-30.0	3.2	-12.7	14.0	-52.6		
4.887	-24.4	-7.7	-3.8	5.0	-31.8	2.8	-13.6	9.5	-55.9		
4.896	-25.0	-7.9	-3.9	5.0	-31.8	2.8	-13.6	9.5	-55.9		
4.900	-25.2	-8.0	-3.9	5.4	-31.8	2.9	-13.6	10.1	-55.9		
4.950	-28.6	-9.0	-4.4	3.6	-34.2	2.7	-14.7	7.5	-60.1		
5.000	-32.1	-9.9	-4.9	3.6	-37.8	2.7	-16.5	7.4	-66.8		
5.000	31.4	10.0	4.9	35.2	-3.9	15.9	-2.6	62.6	-7.8		
5.021	30.0	9.5	4.7	35.2	-3.9	15.4	-2.6	62.2	-7.8		
5.042	28.5	9.1	4.5	35.2	-3.9	14.9	-2.6	61.7	-7.8		
5.050	28.0	8.8	4.3	34.2	-3.7	14.5	-2.4	60.0	-7.3		
5.100	24.6	7.8	3.9	31.3	-4.3	13.1	-2.6	54.7	-8.2		
5.112	23.7	7.6	3.7	30.0	-5.0	12.6	-2.6	52.5	-9.2		
5.150	21.3	6.9	3.4	28.7	-6.1	12.0	-2.8	50.1	-10.9		
5.167	20.3	6.5	3.2	28.1	-7.8	11.4	-3.0	48.8	-13.3		
5.200	18.2	5.9	2.9	25.9	-9.9	10.6	-3.3	45.1	-16.4		
5.238	15.8	5.1	2.5	22.9	-9.5	9.8	-3.3	40.2	-15.9		
5.250	15.0	4.9	2.4	23.1	-9.5	9.8	-3.3	40.6	-15.9		
5.292	13.1	4.1	2.0	24.5	-14.3	9.2	-4.1	41.8	-23.2		
5.300	12.6	4.0	1.9	24.1	-9.3	9.0	-3.4	41.0	-15.8		
5.350	9.5	3.0	1.5	21.4	-9.0	8.2	-3.5	36.7	-15.4		
5.400	6.3	2.0	1.0	18.9	-10.8	7.2	-4.0	32.3	-18.3		
5.417	5.3	1.6	0.8	18.3	-13.4	6.7	-4.5	31.0	-22.3		
5.450	3.2	1.0	0.5	16.2	-13.4	6.2	-4.6	27.8	-22.4		
5.500	0.1	0.0	0.0	13.7	-15.0	5.5	-5.2	23.8	-25.1		
5.501	0.0	0.0	0.0	13.7	-13.6	5.5	-5.1	23.8	-23.1		
5.542	-2.6	-0.8	-0.4	15.8	-19.6	5.4	-6.2	26.4	-32.3		
5.550	-2.6	-0.9	-0.5	16.0	-15.9	5.4	-6.1	26.6	-27.3		
5.600	-5.8	-1.9	-0.9	14.0	-16.1	4.9	-6.5	23.4	-27.9		
5.650	-8.9	-2.9	-1.4	12.0	-18.4	4.3	-7.3	20.2	-31.8		
5.667	-10.0	-3.3	-1.6	10.7	-21.3	4.0	-8.1	18.3	-36.4		
5.700	-12.1	-3.9	-1.9	10.0	-21.3	3.7	-8.3	17.1	-36.7		
5.750	-15.2	-4.9	-2.4	8.1	-24.0	3.3	-9.4	14.1	-41.3		
5.767	-16.3	-5.2	-2.6	6.3	-25.7	3.0	-10.1	11.4	-44.2		
5.792	-18.3	-5.8	-2.9	9.0	-27.9	3.6	-11.3	15.5	-48.4		
5.800	-18.8	-6.0	-2.9	10.7	-27.2	3.6	-11.4	17.7	-47.6		
5.850	-21.9	-7.0	-3.4	8.1	-30.0	3.1	-12.6	13.9	-52.5		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
5.888	-24.3	-7.7	-3.8	5.0	-31.9	2.8	-13.5	9.4	-55.8		
5.896	-24.9	-7.9	-3.9	5.0	-31.9	2.8	-13.5	9.4	-55.8		
5.900	-25.1	-8.0	-3.9	5.4	-31.9	2.8	-13.5	10.0	-55.8		
5.950	-28.5	-8.9	-4.4	3.6	-34.2	2.7	-14.6	7.4	-60.0		
6.000	-32.0	-9.9	-4.9	3.6	-37.8	2.6	-16.4	7.3	-66.7		
6.000	31.5	10.0	4.9	35.2	-3.4	15.4	-2.1	62.2	-6.7		
6.021	30.1	9.6	4.7	35.2	-3.4	15.0	-2.1	61.8	-6.7		
6.042	28.6	9.1	4.5	35.2	-3.4	14.5	-2.2	61.3	-6.7		
6.050	28.0	8.9	4.3	34.2	-3.2	14.1	-2.0	59.6	-6.2		
6.100	24.6	7.9	3.9	31.3	-4.1	12.7	-2.1	54.3	-7.6		
6.112	23.8	7.6	3.7	30.0	-4.8	12.2	-2.2	52.1	-8.6		
6.150	21.4	6.9	3.4	28.7	-6.1	11.6	-2.3	49.7	-10.5		
6.167	20.3	6.5	3.2	28.1	-7.8	11.0	-2.5	48.4	-12.9		
6.200	18.3	5.9	2.9	25.9	-9.8	10.3	-2.8	44.7	-15.8		
6.237	15.9	5.2	2.5	22.9	-9.5	9.4	-2.9	39.8	-15.5		
6.250	15.1	4.9	2.4	23.1	-9.5	9.4	-2.9	40.2	-15.5		
6.292	13.2	4.1	2.0	24.5	-14.3	8.8	-3.7	41.4	-22.8		
6.300	12.7	4.0	2.0	24.1	-9.3	8.6	-3.0	40.6	-15.4		
6.350	9.6	3.0	1.5	21.4	-9.0	7.8	-3.1	36.3	-15.0		
6.400	6.4	2.0	1.0	18.9	-10.8	6.8	-3.5	31.9	-17.9		
6.417	5.3	1.7	0.8	18.2	-13.4	6.3	-4.1	30.6	-21.9		
6.450	3.3	1.0	0.5	16.2	-13.4	5.9	-4.2	27.4	-22.0		
6.500	0.1	0.0	0.0	13.7	-15.1	5.1	-4.8	23.3	-24.9		
6.502	0.0	0.0	0.0	13.7	-13.7	5.1	-4.7	23.3	-22.9		
6.542	-2.5	-0.8	-0.4	15.8	-19.6	5.0	-5.8	26.0	-32.0		
6.550	-2.6	-0.9	-0.5	16.0	-15.9	5.0	-5.7	26.3	-26.9		
6.600	-5.7	-1.9	-0.9	14.0	-16.1	4.5	-6.0	23.0	-27.5		
6.650	-8.9	-2.9	-1.4	12.0	-18.4	3.9	-6.9	19.8	-31.4		
6.667	-10.0	-3.2	-1.6	10.8	-21.3	3.6	-7.6	17.9	-36.0		
6.700	-12.0	-3.9	-1.9	10.1	-21.3	3.3	-7.9	16.7	-36.3		
6.750	-15.2	-4.9	-2.4	8.1	-24.3	2.9	-9.0	13.7	-41.3		
6.771	-16.5	-5.3	-2.6	6.3	-25.7	2.6	-9.7	11.0	-43.8		
6.792	-18.2	-5.8	-2.9	9.0	-27.9	3.1	-10.8	15.1	-48.0		
6.800	-18.7	-6.0	-2.9	10.7	-27.2	3.1	-10.9	17.3	-47.1		
6.850	-21.8	-6.9	-3.4	8.1	-27.6	2.8	-11.6	13.5	-48.3		
6.896	-24.7	-7.9	-3.9	5.0	-31.8	2.3	-13.0	9.0	-55.3		
6.900	-25.0	-7.9	-3.9	5.4	-31.8	2.4	-13.0	9.6	-55.3		
6.950	-28.4	-8.9	-4.4	3.6	-34.1	2.2	-14.1	7.0	-59.5		
7.000	-31.8	-9.9	-4.9	3.6	-37.8	2.1	-16.2	6.9	-66.5		
7.000	32.0	10.2	5.0	34.9	-1.2	14.0	-0.8	60.4	-2.4		
7.026	30.5	9.8	4.8	34.9	-1.2	14.0	-0.8	60.4	-2.4		
7.050	29.3	9.4	4.6	35.0	-2.6	13.4	-0.9	59.9	-4.3		
7.053	29.2	9.3	4.6	35.1	-2.8	13.3	-0.8	59.9	-4.6		
7.100	26.6	8.5	4.2	32.5	-3.6	12.2	-0.8	55.3	-5.6		
7.125	25.3	8.1	4.0	30.2	-3.6	11.6	-0.8	51.7	-5.6		
7.150	24.0	7.7	3.8	29.9	-5.9	11.1	-1.0	50.9	-8.9		
7.200	21.5	6.9	3.4	27.8	-7.9	10.1	-1.3	47.0	-11.8		
7.209	21.0	6.7	3.3	27.8	-7.7	10.0	-1.3	46.9	-11.5		
7.250	19.0	6.1	3.0	23.4	-9.9	8.8	-1.7	39.9	-14.8		
7.279	17.5	5.6	2.8	23.4	-9.0	8.7	-1.5	39.9	-13.4		
7.300	16.4	5.3	2.6	21.2	-11.8	8.0	-2.1	36.2	-17.9		
7.350	13.9	4.5	2.2	20.5	-13.7	7.5	-2.6	34.8	-20.8		
7.365	13.6	4.3	2.1	24.0	-13.8	7.9	-2.6	39.8	-20.9		
7.400	11.9	3.8	1.9	19.8	-10.2	6.7	-2.0	33.1	-15.5		
7.450	9.4	3.0	1.5	17.4	-11.8	5.9	-2.4	29.1	-18.0		
7.500	6.9	2.2	1.1	16.4	-13.5	5.4	-2.8	27.3	-20.7		
7.522	5.8	1.8	0.9	16.4	-13.9	5.3	-2.9	27.2	-21.3		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
7.550	4.3	1.4	0.7	13.5	-15.3	4.6	-3.4	22.6	-23.7		
7.600	1.8	0.6	0.3	11.3	-17.2	4.0	-4.1	19.0	-26.9		
7.636	0.0	0.0	0.0	11.3	-16.1	3.9	-3.9	19.0	-25.4		
7.650	-0.7	-0.2	-0.1	10.8	-19.3	3.6	-4.7	17.9	-30.4		
7.678	-2.1	-0.7	-0.3	15.8	-20.2	4.0	-4.8	25.0	-31.6		
7.700	-2.7	-0.9	-0.4	12.8	-16.2	3.4	-4.6	20.4	-26.2		
7.750	-5.2	-1.7	-0.8	13.4	-18.7	3.3	-5.3	21.1	-30.2		
7.800	-7.7	-2.5	-1.2	11.0	-21.3	2.8	-6.2	17.4	-34.5		
7.839	-9.7	-3.1	-1.5	8.7	-22.1	2.5	-6.5	14.0	-36.0		
7.850	-10.3	-3.3	-1.6	6.0	-24.3	2.2	-7.3	10.2	-39.5		
7.900	-12.8	-4.1	-2.0	4.3	-27.5	2.0	-8.2	7.7	-44.8		
7.942	-14.9	-4.8	-2.3	4.3	-30.7	1.9	-8.8	7.6	-49.6		
7.950	-15.3	-4.9	-2.4	3.8	-31.4	1.9	-9.0	7.0	-50.8		
7.958	-15.7	-5.0	-2.5	3.6	-31.4	1.9	-9.2	6.6	-51.0		
8.000	-18.0	-5.7	-2.8	3.6	-31.4	1.8	-9.9	6.6	-51.6		
8.000	0.2	0.2	0.1	18.5	0.0	0.1	0.0	24.7	0.0		
8.375	0.1	0.1	0.0	14.5	0.0	0.1	0.0	19.4	0.0		
9.000	0.0	0.0	0.0	14.5	0.0	0.1	0.0	19.4	0.0		

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
0.000	0.0	0.0	0.0							0.0	-15.4
0.625	-0.1	-0.1	0.0							0.0	-15.4
1.000	-0.2	-0.2	-0.1							0.0	-15.4
1.000	15.1	4.8	2.3							19.0	-2.3
1.000	15.1	4.7	2.3							19.0	-2.3
1.049	12.8	4.1	1.9							19.0	-2.9
1.050	12.7	4.1	1.9							18.5	-2.9
1.100	10.5	3.4	1.6							16.2	-4.3
1.109	10.1	3.2	1.5							16.2	-4.7
1.150	8.3	2.7	1.2							13.8	-5.9
1.169	7.5	2.4	1.1							13.8	-6.3
1.173	7.3	2.4	1.1							13.3	-6.3
1.188	6.7	2.1	1.0							13.0	-6.9
1.200	6.1	2.0	0.9							11.5	-7.0
1.250	3.9	1.3	0.6							10.2	-8.0
1.300	1.7	0.6	0.2							9.1	-9.3
1.346	-0.3	-0.1	-0.1							11.5	-10.7
1.350	0.1	-0.1	0.0							10.7	-8.0
1.353	0.0	-0.1	0.0							10.7	-7.4
1.400	-2.1	-0.8	-0.3							9.6	-8.8
1.450	-4.3	-1.4	-0.7							8.6	-9.8
1.500	-6.5	-2.1	-1.0							8.2	-10.9
1.525	-7.6	-2.5	-1.2							7.6	-11.6
1.550	-8.7	-2.8	-1.3							6.7	-12.1
1.600	-10.9	-3.5	-1.7							6.2	-13.4
1.650	-13.1	-4.2	-2.0							4.9	-14.7
1.692	-15.0	-4.8	-2.3							4.5	-16.0
1.700	-15.3	-4.9	-2.4							4.9	-16.0
1.703	-15.7	-5.0	-2.4							7.5	-16.1

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED		FATIGUE	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
1.750	-17.8	-5.7	-2.7							5.3	-15.6
1.800	-20.0	-6.4	-3.1							4.7	-17.0
1.850	-22.2	-7.1	-3.4							2.9	-18.5
1.852	-22.2	-7.1	-3.4							2.9	-18.3
1.893	-24.1	-7.6	-3.7							1.6	-20.0
1.900	-24.4	-7.7	-3.8							1.7	-20.0
1.950	-26.7	-8.4	-4.1							0.9	-22.1
2.000	-29.0	-9.1	-4.4							0.9	-22.1
2.000	29.8	9.6	4.7							24.3	-2.4
2.021	28.4	9.2	4.5							24.3	-2.4
2.042	27.1	8.8	4.3							24.3	-2.4
2.050	26.6	8.5	4.2							22.9	-2.1
2.075	24.9	8.0	3.9							21.5	-2.1
2.100	23.4	7.5	3.7							20.6	-3.0
2.150	20.2	6.5	3.2							18.6	-4.2
2.167	19.1	6.2	3.0							18.1	-5.2
2.200	17.1	5.5	2.7							16.6	-5.2
2.202	17.0	5.5	2.7							16.6	-4.5
2.250	13.9	4.5	2.2							14.6	-6.2
2.292	12.1	3.8	1.8							15.6	-9.3
2.300	11.6	3.6	1.8							15.5	-6.1
2.350	8.4	2.6	1.3							13.7	-5.9
2.400	5.3	1.7	0.8							12.0	-7.1
2.417	4.2	1.3	0.6							11.5	-8.7
2.450	2.1	0.7	0.3							10.4	-9.8
2.484	0.0	0.0	0.0							8.1	-9.5
2.500	-1.0	-0.3	-0.2							8.9	-9.5
2.542	-3.7	-1.2	-0.6							10.2	-12.3
2.550	-3.7	-1.3	-0.6							10.4	-9.8
2.600	-6.8	-2.3	-1.1							9.1	-9.7
2.650	-10.0	-3.3	-1.6							7.8	-11.3
2.667	-11.1	-3.6	-1.8							7.0	-13.5
2.700	-13.1	-4.3	-2.1							6.6	-13.5
2.750	-16.3	-5.2	-2.6							5.4	-15.6
2.768	-17.4	-5.6	-2.8							4.1	-16.7
2.792	-19.4	-6.2	-3.0							6.7	-18.4
2.800	-19.8	-6.3	-3.1							6.8	-15.5
2.850	-23.0	-7.3	-3.6							5.2	-17.7
2.887	-25.3	-8.1	-4.0							3.2	-18.9
2.896	-25.9	-8.2	-4.0							3.2	-18.9
2.900	-26.2	-8.3	-4.1							3.5	-18.9
2.950	-29.6	-9.3	-4.6							1.7	-20.4
3.000	-33.0	-10.3	-5.0							0.9	-23.2
3.000	31.8	10.1	4.9							24.5	-2.5
3.021	30.3	9.6	4.7							24.5	-2.5
3.042	28.9	9.2	4.5							24.5	-2.5
3.050	28.3	8.9	4.4							23.0	-2.1
3.100	24.9	7.9	3.9							20.7	-3.1
3.112	24.0	7.7	3.8							19.6	-3.4
3.150	21.6	7.0	3.4							18.6	-4.1
3.167	20.6	6.6	3.2							18.1	-5.1
3.200	18.5	6.0	2.9							16.7	-5.1
3.248	15.5	5.0	2.5							14.0	-6.1
3.250	15.4	5.0	2.4							14.6	-6.1
3.292	13.4	4.2	2.1							15.6	-9.2
3.300	12.9	4.1	2.0							15.4	-6.0
3.350	9.8	3.1	1.5							13.7	-5.9

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK+LANE		TRUCK	
	SHEAR	SHEAR	SHEAR					MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
3.400	6.6	2.1	1.0						12.0	-7.1	
3.417	5.6	1.7	0.9						11.5	-8.7	
3.450	3.5	1.1	0.5						10.4	-8.7	
3.500	0.4	0.1	0.1						8.9	-10.0	
3.506	0.0	0.0	0.0						8.9	-9.1	
3.542	-2.3	-0.7	-0.4						10.2	-12.3	
3.550	-2.3	-0.8	-0.4						10.4	-9.8	
3.600	-5.5	-1.8	-0.9						9.1	-9.7	
3.650	-8.6	-2.8	-1.4						7.8	-11.3	
3.667	-9.7	-3.2	-1.5						6.9	-13.5	
3.700	-11.8	-3.8	-1.9						6.6	-13.5	
3.750	-14.9	-4.8	-2.4						5.4	-15.6	
3.768	-16.0	-5.1	-2.5						4.1	-16.7	
3.792	-18.0	-5.7	-2.8						6.7	-18.5	
3.800	-18.5	-5.9	-2.9						6.8	-15.6	
3.850	-21.6	-6.9	-3.4						5.2	-17.8	
3.887	-24.0	-7.6	-3.7						3.2	-18.9	
3.896	-24.6	-7.8	-3.8						3.2	-18.9	
3.900	-24.8	-7.9	-3.9						3.5	-18.9	
3.950	-28.2	-8.8	-4.3						1.7	-20.5	
4.000	-31.7	-9.8	-4.8						1.6	-23.2	
4.000	31.3	9.9	4.9						24.5	-2.5	
4.021	29.9	9.5	4.7						24.5	-2.5	
4.042	28.5	9.1	4.5						24.5	-2.5	
4.050	27.9	8.8	4.3						23.0	-2.1	
4.100	24.5	7.8	3.8						20.6	-3.1	
4.112	23.6	7.6	3.7						19.6	-3.4	
4.150	21.2	6.8	3.3						18.6	-4.1	
4.167	20.2	6.5	3.2						18.1	-5.1	
4.200	18.1	5.8	2.9						16.6	-6.1	
4.234	15.9	5.2	2.5						14.0	-6.1	
4.250	15.0	4.8	2.4						14.6	-6.1	
4.292	13.0	4.1	2.0						15.5	-9.2	
4.300	12.5	3.9	1.9						15.4	-6.0	
4.350	9.4	2.9	1.4						13.7	-5.9	
4.400	6.3	2.0	1.0						12.0	-7.1	
4.417	5.2	1.6	0.8						11.5	-8.7	
4.450	3.1	1.0	0.5						10.4	-8.7	
4.499	0.0	0.0	0.0						8.1	-9.6	
4.500	0.0	0.0	0.0						8.9	-9.6	
4.542	-2.7	-0.9	-0.4						10.2	-12.3	
4.550	-2.7	-1.0	-0.5						10.4	-9.8	
4.600	-5.9	-2.0	-1.0						9.1	-9.7	
4.650	-9.0	-3.0	-1.4						7.8	-11.4	
4.667	-10.1	-3.3	-1.6						6.9	-13.5	
4.700	-12.2	-3.9	-1.9						6.6	-13.5	
4.750	-15.3	-4.9	-2.4						5.4	-15.6	
4.768	-16.5	-5.3	-2.6						4.1	-16.7	
4.792	-18.4	-5.9	-2.9						6.7	-18.5	
4.800	-18.9	-6.0	-3.0						6.8	-15.6	
4.850	-22.0	-7.0	-3.4						5.2	-17.8	
4.887	-24.4	-7.7	-3.8						3.2	-19.0	
4.896	-25.0	-7.9	-3.9						3.2	-19.0	
4.900	-25.2	-8.0	-3.9						3.5	-19.0	
4.950	-28.6	-9.0	-4.4						1.7	-20.5	
5.000	-32.1	-9.9	-4.9						1.6	-23.2	
5.000	31.4	10.0	4.9						24.5	-2.4	

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK+LANE		TRUCK	
	SHEAR	SHEAR	SHEAR					MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
5.021	30.0	9.5	4.7							24.5	-2.4
5.042	28.5	9.1	4.5							24.5	-2.4
5.050	28.0	8.8	4.3							23.0	-2.1
5.100	24.6	7.8	3.9							20.6	-3.1
5.112	23.7	7.6	3.7							19.6	-3.4
5.150	21.3	6.9	3.4							18.6	-4.1
5.167	20.3	6.5	3.2							18.1	-5.1
5.200	18.2	5.9	2.9							16.6	-6.3
5.238	15.8	5.1	2.5							14.0	-6.1
5.250	15.0	4.9	2.4							14.6	-6.1
5.292	13.1	4.1	2.0							15.5	-9.2
5.300	12.6	4.0	1.9							15.4	-6.0
5.350	9.5	3.0	1.5							13.7	-5.9
5.400	6.3	2.0	1.0							12.0	-7.1
5.417	5.3	1.6	0.8							11.5	-8.7
5.450	3.2	1.0	0.5							10.4	-8.7
5.500	0.1	0.0	0.0							8.9	-9.7
5.501	0.0	0.0	0.0							8.9	-8.8
5.542	-2.6	-0.8	-0.4							10.2	-12.3
5.550	-2.6	-0.9	-0.5							10.4	-9.8
5.600	-5.8	-1.9	-0.9							9.1	-9.7
5.650	-8.9	-2.9	-1.4							7.8	-11.4
5.667	-10.0	-3.3	-1.6							6.9	-13.5
5.700	-12.1	-3.9	-1.9							6.6	-13.5
5.750	-15.2	-4.9	-2.4							5.4	-15.6
5.767	-16.3	-5.2	-2.6							4.1	-16.7
5.792	-18.3	-5.8	-2.9							6.7	-18.5
5.800	-18.8	-6.0	-2.9							6.8	-15.6
5.850	-21.9	-7.0	-3.4							5.2	-17.8
5.888	-24.3	-7.7	-3.8							3.2	-19.0
5.896	-24.9	-7.9	-3.9							3.2	-19.0
5.900	-25.1	-8.0	-3.9							3.5	-19.0
5.950	-28.5	-8.9	-4.4							1.7	-20.5
6.000	-32.0	-9.9	-4.9							1.6	-23.2
6.000	31.5	10.0	4.9							24.5	-2.0
6.021	30.1	9.6	4.7							24.5	-2.0
6.042	28.6	9.1	4.5							24.5	-2.2
6.050	28.0	8.9	4.3							23.0	-1.7
6.100	24.6	7.9	3.9							20.6	-3.1
6.112	23.8	7.6	3.7							19.6	-3.4
6.150	21.4	6.9	3.4							18.6	-4.1
6.167	20.3	6.5	3.2							18.1	-5.1
6.200	18.3	5.9	2.9							16.6	-6.3
6.237	15.9	5.2	2.5							14.0	-6.1
6.250	15.1	4.9	2.4							14.6	-6.1
6.292	13.2	4.1	2.0							15.5	-9.2
6.300	12.7	4.0	2.0							15.4	-6.0
6.350	9.6	3.0	1.5							13.6	-5.9
6.400	6.4	2.0	1.0							11.9	-7.1
6.417	5.3	1.7	0.8							11.5	-8.7
6.450	3.3	1.0	0.5							10.3	-8.7
6.500	0.1	0.0	0.0							8.9	-9.8
6.502	0.0	0.0	0.0							8.9	-8.9
6.542	-2.5	-0.8	-0.4							10.2	-12.3
6.550	-2.6	-0.9	-0.5							10.3	-9.8
6.600	-5.7	-1.9	-0.9							9.0	-9.7
6.650	-8.9	-2.9	-1.4							7.8	-11.4
6.667	-10.0	-3.2	-1.6							6.9	-13.5

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.700	-12.0	-3.9	-1.9							6.6	-13.5
6.750	-15.2	-4.9	-2.4							5.4	-15.8
6.771	-16.5	-5.3	-2.6							4.1	-16.7
6.792	-18.2	-5.8	-2.9							6.7	-18.5
6.800	-18.7	-6.0	-2.9							6.8	-15.5
6.850	-21.8	-6.9	-3.4							5.2	-15.7
6.896	-24.7	-7.9	-3.9							3.1	-18.9
6.900	-25.0	-7.9	-3.9							3.5	-18.9
6.950	-28.4	-8.9	-4.4							1.7	-20.5
7.000	-31.8	-9.9	-4.9							1.6	-23.2
7.000	32.0	10.2	5.0							23.9	-0.6
7.026	30.5	9.8	4.8							23.9	-0.6
7.050	29.3	9.4	4.6							23.9	-1.8
7.053	29.2	9.3	4.6							23.9	-2.1
7.100	26.6	8.5	4.2							21.1	-2.9
7.125	25.3	8.1	4.0							19.3	-2.8
7.150	24.0	7.7	3.8							19.1	-4.0
7.200	21.5	6.9	3.4							17.3	-5.2
7.209	21.0	6.7	3.3							17.3	-5.1
7.250	19.0	6.1	3.0							13.9	-6.3
7.279	17.5	5.6	2.8							13.9	-5.8
7.300	16.4	5.3	2.6							12.4	-7.6
7.350	13.9	4.5	2.2							12.2	-8.8
7.365	13.6	4.3	2.1							15.0	-8.9
7.400	11.9	3.8	1.9							12.2	-6.6
7.450	9.4	3.0	1.5							10.9	-7.7
7.500	6.9	2.2	1.1							10.7	-8.8
7.522	5.8	1.8	0.9							10.7	-9.0
7.550	4.3	1.4	0.7							8.8	-9.9
7.600	1.8	0.6	0.3							7.4	-11.1
7.636	0.0	0.0	0.0							7.4	-10.5
7.650	-0.7	-0.2	-0.1							7.0	-12.2
7.678	-2.1	-0.7	-0.3							9.9	-12.6
7.700	-2.7	-0.9	-0.4							8.1	-10.0
7.750	-5.2	-1.7	-0.8							8.4	-11.7
7.800	-7.7	-2.5	-1.2							7.0	-13.1
7.839	-9.7	-3.1	-1.5							5.8	-13.2
7.850	-10.3	-3.3	-1.6							4.4	-14.7
7.900	-12.8	-4.1	-2.0							2.9	-16.9
7.942	-14.9	-4.8	-2.3							2.9	-19.2
7.950	-15.3	-4.9	-2.4							2.4	-19.6
7.958	-15.7	-5.0	-2.5							1.8	-20.1
8.000	-18.0	-5.7	-2.8							1.7	-20.1
8.000	0.2	0.2	0.1							15.4	0.0
8.375	0.1	0.1	0.0							12.1	0.0
9.000	0.0	0.0	0.0							12.1	0.0

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
0.000	0.0	0.0	0.0	0.0	-11.6	0.0	0.0	0.1	-15.4		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.625	-0.1	-0.1	0.0	0.0	-11.6	0.0	0.0	0.1	-15.5		
1.000	-0.2	-0.2	-0.1	0.0	-11.6	0.0	0.0	0.1	-15.5		
1.000	15.1	4.8	2.3	30.3	-5.0	0.0	0.0	40.3	-6.7		
1.000	15.1	4.7	2.3	29.3	-5.0	0.0	0.0	39.0	-6.7		
1.049	12.8	4.1	1.9	29.3	-5.0	0.0	0.0	39.0	-6.7		
1.050	12.7	4.1	1.9	28.7	-5.0	0.0	0.0	38.2	-6.7		
1.100	10.5	3.4	1.6	25.7	-5.0	0.0	0.0	34.1	-6.7		
1.109	10.1	3.2	1.5	25.7	-5.2	0.0	0.0	34.1	-7.0		
1.150	8.3	2.7	1.2	22.2	-7.1	0.0	0.0	29.5	-9.4		
1.169	7.5	2.4	1.1	22.2	-7.7	0.0	0.0	29.5	-10.3		
1.173	7.3	2.4	1.1	21.5	-7.7	0.0	0.0	28.6	-10.3		
1.188	6.7	2.1	1.0	21.1	-8.6	0.0	0.0	28.1	-11.4		
1.200	6.1	2.0	0.9	18.6	-8.6	0.0	0.0	24.7	-11.5		
1.250	3.9	1.3	0.6	16.3	-10.7	0.0	0.0	21.7	-14.3		
1.300	1.7	0.6	0.2	14.2	-12.8	0.0	0.0	18.9	-17.0		
1.346	-0.3	-0.1	-0.1	17.1	-14.9	0.0	0.0	22.8	-19.9		
1.350	0.1	-0.1	0.0	15.5	-10.9	0.0	0.0	20.6	-14.5		
1.353	0.0	-0.1	0.0	15.5	-10.1	0.0	0.0	20.6	-13.4		
1.400	-2.1	-0.8	-0.3	13.5	-12.0	0.0	0.0	18.0	-15.9		
1.450	-4.3	-1.4	-0.7	11.8	-13.5	0.0	0.0	15.7	-17.9		
1.500	-6.5	-2.1	-1.0	10.8	-15.0	0.0	0.0	14.4	-20.0		
1.525	-7.6	-2.5	-1.2	10.8	-15.9	0.0	0.0	14.4	-21.1		
1.550	-8.7	-2.8	-1.3	8.8	-16.8	0.0	0.0	11.8	-22.3		
1.600	-10.9	-3.5	-1.7	8.0	-19.1	0.0	0.0	10.7	-25.4		
1.650	-13.1	-4.2	-2.0	6.2	-21.7	0.0	0.0	8.2	-28.8		
1.692	-15.0	-4.8	-2.3	5.7	-24.3	0.0	0.0	7.5	-32.3		
1.700	-15.3	-4.9	-2.4	6.1	-24.3	0.0	0.0	8.2	-32.3		
1.703	-15.7	-5.0	-2.4	10.2	-24.5	0.0	0.0	13.5	-32.6		
1.750	-17.8	-5.7	-2.7	6.4	-25.3	0.0	0.0	8.5	-33.6		
1.800	-20.0	-6.4	-3.1	5.5	-28.1	0.0	0.0	7.3	-37.4		
1.850	-22.2	-7.1	-3.4	2.9	-31.2	0.0	0.0	3.9	-41.4		
1.852	-22.2	-7.1	-3.4	2.9	-31.1	0.0	0.0	3.9	-41.3		
1.893	-24.1	-7.6	-3.7	1.9	-34.3	0.0	0.0	2.6	-45.6		
1.900	-24.4	-7.7	-3.8	2.1	-34.3	0.0	0.0	2.8	-45.6		
1.950	-26.7	-8.4	-4.1	2.2	-37.7	0.0	0.0	2.9	-50.1		
2.000	-29.0	-9.1	-4.4	2.2	-37.7	0.0	0.0	2.9	-50.1		
2.000	29.8	9.6	4.7	39.2	-4.8	0.0	0.0	52.2	-6.3		
2.021	28.4	9.2	4.5	39.2	-4.8	0.0	0.0	52.2	-6.3		
2.042	27.1	8.8	4.3	39.5	-4.8	0.0	0.0	52.5	-6.3		
2.050	26.6	8.5	4.2	38.5	-4.5	0.0	0.0	51.1	-6.0		
2.075	24.9	8.0	3.9	36.3	-4.5	0.0	0.0	48.3	-5.9		
2.100	23.4	7.5	3.7	35.0	-4.5	0.0	0.0	46.6	-5.9		
2.150	20.2	6.5	3.2	31.6	-5.3	0.0	0.0	42.0	-7.0		
2.167	19.1	6.2	3.0	30.9	-6.5	0.0	0.0	41.1	-8.6		
2.200	17.1	5.5	2.7	28.3	-6.5	0.0	0.0	37.7	-8.6		
2.202	17.0	5.5	2.7	28.3	-5.7	0.0	0.0	37.7	-7.6		
2.250	13.9	4.5	2.2	25.1	-8.0	0.0	0.0	33.4	-10.6		
2.292	12.1	3.8	1.8	25.8	-12.7	0.0	0.0	34.3	-16.9		
2.300	11.6	3.6	1.8	25.1	-8.1	0.0	0.0	33.4	-10.7		
2.350	8.4	2.6	1.3	21.9	-7.8	0.0	0.0	29.2	-10.3		
2.400	5.3	1.7	0.8	18.9	-9.3	0.0	0.0	25.1	-12.4		
2.417	4.2	1.3	0.6	18.2	-12.0	0.0	0.0	24.2	-15.9		
2.450	2.1	0.7	0.3	16.0	-13.9	0.0	0.0	21.2	-18.5		
2.484	0.0	0.0	0.0	12.9	-13.5	0.0	0.0	17.1	-18.0		
2.500	-1.0	-0.3	-0.2	13.3	-13.5	0.0	0.0	17.6	-18.0		
2.542	-3.7	-1.2	-0.6	15.1	-19.0	0.0	0.0	20.1	-25.3		
2.550	-3.7	-1.3	-0.6	15.2	-15.5	0.0	0.0	20.2	-20.6		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.600	-6.8	-2.3	-1.1	12.7	-15.9	0.0	0.0	16.9	-21.2		
2.650	-10.0	-3.3	-1.6	10.5	-18.6	0.0	0.0	13.9	-24.7		
2.667	-11.1	-3.6	-1.8	9.9	-22.1	0.0	0.0	13.1	-29.4		
2.700	-13.1	-4.3	-2.1	8.7	-22.1	0.0	0.0	11.5	-29.4		
2.750	-16.3	-5.2	-2.6	6.9	-25.5	0.0	0.0	9.1	-33.9		
2.768	-17.4	-5.6	-2.8	5.1	-27.2	0.0	0.0	6.8	-36.2		
2.792	-19.4	-6.2	-3.0	9.1	-29.8	0.0	0.0	12.1	-39.6		
2.800	-19.8	-6.3	-3.1	8.9	-29.4	0.0	0.0	11.8	-39.2		
2.850	-23.0	-7.3	-3.6	6.3	-33.0	0.0	0.0	8.4	-43.9		
2.887	-25.3	-8.1	-4.0	3.9	-35.1	0.0	0.0	5.1	-46.7		
2.896	-25.9	-8.2	-4.0	3.9	-35.1	0.0	0.0	5.1	-46.7		
2.900	-26.2	-8.3	-4.1	4.2	-35.1	0.0	0.0	5.5	-46.7		
2.950	-29.6	-9.3	-4.6	2.5	-37.6	0.0	0.0	3.4	-50.0		
3.000	-33.0	-10.3	-5.0	2.5	-41.8	0.0	0.0	3.3	-55.5		
3.000	31.8	10.1	4.9	39.7	-4.8	0.0	0.0	52.8	-6.3		
3.021	30.3	9.6	4.7	39.7	-4.8	0.0	0.0	52.8	-6.3		
3.042	28.9	9.2	4.5	39.7	-4.8	0.0	0.0	52.8	-6.3		
3.050	28.3	8.9	4.4	38.4	-4.5	0.0	0.0	51.0	-6.0		
3.100	24.9	7.9	3.9	35.0	-4.5	0.0	0.0	46.5	-5.9		
3.112	24.0	7.7	3.8	33.5	-4.4	0.0	0.0	44.6	-5.9		
3.150	21.6	7.0	3.4	31.6	-5.2	0.0	0.0	42.0	-6.9		
3.167	20.6	6.6	3.2	30.8	-6.4	0.0	0.0	41.0	-8.5		
3.200	18.5	6.0	2.9	28.4	-6.4	0.0	0.0	37.7	-8.5		
3.248	15.5	5.0	2.5	24.8	-7.8	0.0	0.0	33.0	-10.4		
3.250	15.4	5.0	2.4	25.0	-7.8	0.0	0.0	33.3	-10.4		
3.292	13.4	4.2	2.1	25.7	-12.6	0.0	0.0	34.2	-16.7		
3.300	12.9	4.1	2.0	25.1	-8.0	0.0	0.0	33.3	-10.7		
3.350	9.8	3.1	1.5	21.9	-7.7	0.0	0.0	29.1	-10.3		
3.400	6.6	2.1	1.0	18.8	-9.3	0.0	0.0	25.0	-12.4		
3.417	5.6	1.7	0.9	18.1	-12.0	0.0	0.0	24.1	-16.0		
3.450	3.5	1.1	0.5	15.9	-12.0	0.0	0.0	21.2	-16.0		
3.500	0.4	0.1	0.1	13.2	-14.4	0.0	0.0	17.6	-19.2		
3.506	0.0	0.0	0.0	13.2	-13.3	0.0	0.0	17.6	-17.6		
3.542	-2.3	-0.7	-0.4	15.1	-19.1	0.0	0.0	20.1	-25.5		
3.550	-2.3	-0.8	-0.4	15.2	-15.6	0.0	0.0	20.2	-20.7		
3.600	-5.5	-1.8	-0.9	12.7	-16.0	0.0	0.0	16.9	-21.3		
3.650	-8.6	-2.8	-1.4	10.5	-18.7	0.0	0.0	13.9	-24.8		
3.667	-9.7	-3.2	-1.5	9.9	-22.2	0.0	0.0	13.1	-29.5		
3.700	-11.8	-3.8	-1.9	8.7	-22.2	0.0	0.0	11.6	-29.5		
3.750	-14.9	-4.8	-2.4	7.2	-25.5	0.0	0.0	9.6	-33.9		
3.768	-16.0	-5.1	-2.5	5.7	-27.3	0.0	0.0	7.6	-36.3		
3.792	-18.0	-5.7	-2.8	9.4	-29.9	0.0	0.0	12.5	-39.7		
3.800	-18.5	-5.9	-2.9	9.2	-29.5	0.0	0.0	12.3	-39.3		
3.850	-21.6	-6.9	-3.4	7.1	-33.1	0.0	0.0	9.5	-44.0		
3.887	-24.0	-7.6	-3.7	4.7	-35.2	0.0	0.0	6.2	-46.8		
3.896	-24.6	-7.8	-3.8	4.7	-35.2	0.0	0.0	6.2	-46.8		
3.900	-24.8	-7.9	-3.9	5.0	-35.2	0.0	0.0	6.6	-46.8		
3.950	-28.2	-8.8	-4.3	4.3	-37.6	0.0	0.0	5.8	-50.0		
4.000	-31.7	-9.8	-4.8	4.3	-41.8	0.0	0.0	5.7	-55.6		
4.000	31.3	9.9	4.9	39.7	-4.8	0.0	0.0	52.8	-6.3		
4.021	29.9	9.5	4.7	39.7	-4.8	0.0	0.0	52.8	-6.3		
4.042	28.5	9.1	4.5	39.7	-4.8	0.0	0.0	52.8	-6.3		
4.050	27.9	8.8	4.3	38.4	-4.5	0.0	0.0	51.0	-6.0		
4.100	24.5	7.8	3.8	35.0	-4.5	0.0	0.0	46.5	-5.9		
4.112	23.6	7.6	3.7	33.5	-4.4	0.0	0.0	44.6	-5.9		
4.150	21.2	6.8	3.3	31.5	-5.2	0.0	0.0	42.0	-6.9		
4.167	20.2	6.5	3.2	30.8	-6.4	0.0	0.0	41.0	-8.5		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.200		18.1	5.8	2.9	28.3	-7.9	0.0	0.0	37.6	-10.5		
4.234		15.9	5.2	2.5	24.8	-7.9	0.0	0.0	33.0	-10.4		
4.250		15.0	4.8	2.4	25.0	-7.9	0.0	0.0	33.3	-10.4		
4.292		13.0	4.1	2.0	25.7	-12.6	0.0	0.0	34.2	-16.7		
4.300		12.5	3.9	1.9	25.0	-8.0	0.0	0.0	33.3	-10.7		
4.350		9.4	2.9	1.4	21.9	-7.7	0.0	0.0	29.1	-10.3		
4.400		6.3	2.0	1.0	18.8	-9.3	0.0	0.0	25.0	-12.4		
4.417		5.2	1.6	0.8	18.1	-12.0	0.0	0.0	24.1	-16.0		
4.450		3.1	1.0	0.5	15.9	-12.0	0.0	0.0	21.2	-16.0		
4.499		0.0	0.0	0.0	12.8	-13.8	0.0	0.0	17.1	-18.4		
4.500		0.0	0.0	0.0	13.2	-13.8	0.0	0.0	17.6	-18.4		
4.542		-2.7	-0.9	-0.4	15.1	-19.1	0.0	0.0	20.1	-25.5		
4.550		-2.7	-1.0	-0.5	15.2	-15.6	0.0	0.0	20.2	-20.7		
4.600		-5.9	-2.0	-1.0	12.7	-16.0	0.0	0.0	16.9	-21.3		
4.650		-9.0	-3.0	-1.4	10.5	-18.7	0.0	0.0	13.9	-24.9		
4.667		-10.1	-3.3	-1.6	9.9	-22.2	0.0	0.0	13.1	-29.5		
4.700		-12.2	-3.9	-1.9	8.8	-22.2	0.0	0.0	11.6	-29.5		
4.750		-15.3	-4.9	-2.4	7.2	-25.5	0.0	0.0	9.6	-34.0		
4.768		-16.5	-5.3	-2.6	5.7	-27.3	0.0	0.0	7.6	-36.3		
4.792		-18.4	-5.9	-2.9	9.4	-29.9	0.0	0.0	12.6	-39.7		
4.800		-18.9	-6.0	-3.0	9.3	-29.5	0.0	0.0	12.3	-39.3		
4.850		-22.0	-7.0	-3.4	7.1	-33.1	0.0	0.0	9.5	-44.1		
4.887		-24.4	-7.7	-3.8	4.7	-35.2	0.0	0.0	6.2	-46.8		
4.896		-25.0	-7.9	-3.9	4.7	-35.2	0.0	0.0	6.2	-46.8		
4.900		-25.2	-8.0	-3.9	5.0	-35.2	0.0	0.0	6.6	-46.8		
4.950		-28.6	-9.0	-4.4	4.4	-37.6	0.0	0.0	5.8	-50.1		
5.000		-32.1	-9.9	-4.9	4.3	-41.8	0.0	0.0	5.8	-55.7		
5.000		31.4	10.0	4.9	39.7	-4.8	0.0	0.0	52.8	-6.3		
5.021		30.0	9.5	4.7	39.7	-4.8	0.0	0.0	52.8	-6.3		
5.042		28.5	9.1	4.5	39.7	-4.8	0.0	0.0	52.8	-6.3		
5.050		28.0	8.8	4.3	38.4	-4.5	0.0	0.0	51.0	-6.0		
5.100		24.6	7.8	3.9	34.9	-4.4	0.0	0.0	46.5	-5.9		
5.112		23.7	7.6	3.7	33.5	-4.4	0.0	0.0	44.5	-5.9		
5.150		21.3	6.9	3.4	31.5	-5.2	0.0	0.0	41.9	-6.9		
5.167		20.3	6.5	3.2	30.8	-6.4	0.0	0.0	41.0	-8.5		
5.200		18.2	5.9	2.9	28.3	-8.2	0.0	0.0	37.6	-10.9		
5.238		15.8	5.1	2.5	24.8	-7.9	0.0	0.0	33.0	-10.4		
5.250		15.0	4.9	2.4	25.0	-7.9	0.0	0.0	33.3	-10.4		
5.292		13.1	4.1	2.0	25.7	-12.6	0.0	0.0	34.2	-16.7		
5.300		12.6	4.0	1.9	25.0	-8.0	0.0	0.0	33.3	-10.7		
5.350		9.5	3.0	1.5	21.9	-7.7	0.0	0.0	29.1	-10.3		
5.400		6.3	2.0	1.0	18.8	-9.3	0.0	0.0	25.0	-12.4		
5.417		5.3	1.6	0.8	18.1	-12.0	0.0	0.0	24.1	-16.0		
5.450		3.2	1.0	0.5	15.9	-12.0	0.0	0.0	21.2	-16.0		
5.500		0.1	0.0	0.0	13.2	-14.0	0.0	0.0	17.6	-18.6		
5.501		0.0	0.0	0.0	13.2	-12.8	0.0	0.0	17.6	-17.1		
5.542		-2.6	-0.8	-0.4	15.1	-19.1	0.0	0.0	20.1	-25.5		
5.550		-2.6	-0.9	-0.5	15.2	-15.6	0.0	0.0	20.2	-20.7		
5.600		-5.8	-1.9	-0.9	12.7	-16.0	0.0	0.0	16.9	-21.3		
5.650		-8.9	-2.9	-1.4	10.5	-18.7	0.0	0.0	13.9	-24.9		
5.667		-10.0	-3.3	-1.6	9.8	-22.2	0.0	0.0	13.1	-29.6		
5.700		-12.1	-3.9	-1.9	8.8	-22.2	0.0	0.0	11.6	-29.6		
5.750		-15.2	-4.9	-2.4	7.2	-25.5	0.0	0.0	9.6	-33.9		
5.767		-16.3	-5.2	-2.6	5.7	-27.3	0.0	0.0	7.6	-36.3		
5.792		-18.3	-5.8	-2.9	9.4	-29.9	0.0	0.0	12.6	-39.8		
5.800		-18.8	-6.0	-2.9	9.3	-29.5	0.0	0.0	12.3	-39.3		
5.850		-21.9	-7.0	-3.4	7.1	-33.1	0.0	0.0	9.5	-44.1		
5.888		-24.3	-7.7	-3.8	4.7	-35.2	0.0	0.0	6.2	-46.8		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)
5.896	-24.9	-7.9	-3.9	4.7	-35.2	0.0	0.0	6.2	-46.8		
5.900	-25.1	-8.0	-3.9	5.0	-35.2	0.0	0.0	6.6	-46.8		
5.950	-28.5	-8.9	-4.4	4.4	-37.6	0.0	0.0	5.8	-50.1		
6.000	-32.0	-9.9	-4.9	4.3	-41.8	0.0	0.0	5.8	-55.6		
6.000	31.5	10.0	4.9	39.7	-4.0	0.0	0.0	52.8	-5.3		
6.021	30.1	9.6	4.7	39.7	-4.0	0.0	0.0	52.8	-5.3		
6.042	28.6	9.1	4.5	39.7	-4.0	0.0	0.0	52.8	-5.3		
6.050	28.0	8.9	4.3	38.3	-3.7	0.0	0.0	51.0	-4.9		
6.100	24.6	7.9	3.9	34.9	-3.6	0.0	0.0	46.4	-4.8		
6.112	23.8	7.6	3.7	33.5	-4.1	0.0	0.0	44.5	-5.5		
6.150	21.4	6.9	3.4	31.5	-5.0	0.0	0.0	41.9	-6.6		
6.167	20.3	6.5	3.2	30.8	-6.3	0.0	0.0	41.0	-8.4		
6.200	18.3	5.9	2.9	28.2	-8.1	0.0	0.0	37.6	-10.8		
6.237	15.9	5.2	2.5	24.7	-7.9	0.0	0.0	32.9	-10.4		
6.250	15.1	4.9	2.4	25.0	-7.9	0.0	0.0	33.2	-10.4		
6.292	13.2	4.1	2.0	25.7	-12.6	0.0	0.0	34.1	-16.7		
6.300	12.7	4.0	2.0	25.0	-8.0	0.0	0.0	33.3	-10.6		
6.350	9.6	3.0	1.5	21.8	-7.6	0.0	0.0	29.0	-10.2		
6.400	6.4	2.0	1.0	18.7	-9.4	0.0	0.0	24.9	-12.4		
6.417	5.3	1.7	0.8	18.1	-12.0	0.0	0.0	24.1	-16.0		
6.450	3.3	1.0	0.5	15.9	-12.0	0.0	0.0	21.1	-16.0		
6.500	0.1	0.0	0.0	13.2	-14.1	0.0	0.0	17.5	-18.7		
6.502	0.0	0.0	0.0	13.2	-13.0	0.0	0.0	17.5	-17.2		
6.542	-2.5	-0.8	-0.4	15.1	-19.2	0.0	0.0	20.1	-25.5		
6.550	-2.6	-0.9	-0.5	15.1	-15.6	0.0	0.0	20.1	-20.7		
6.600	-5.7	-1.9	-0.9	12.7	-16.0	0.0	0.0	16.9	-21.3		
6.650	-8.9	-2.9	-1.4	10.5	-18.7	0.0	0.0	14.0	-24.9		
6.667	-10.0	-3.2	-1.6	9.9	-22.2	0.0	0.0	13.1	-29.6		
6.700	-12.0	-3.9	-1.9	8.8	-22.2	0.0	0.0	11.6	-29.6		
6.750	-15.2	-4.9	-2.4	7.2	-25.8	0.0	0.0	9.6	-34.3		
6.771	-16.5	-5.3	-2.6	5.8	-27.3	0.0	0.0	7.7	-36.3		
6.792	-18.2	-5.8	-2.9	9.5	-29.9	0.0	0.0	12.6	-39.8		
6.800	-18.7	-6.0	-2.9	9.3	-29.5	0.0	0.0	12.3	-39.3		
6.850	-21.8	-6.9	-3.4	7.1	-30.4	0.0	0.0	9.5	-40.4		
6.896	-24.7	-7.9	-3.9	4.7	-35.2	0.0	0.0	6.2	-46.9		
6.900	-25.0	-7.9	-3.9	5.0	-35.2	0.0	0.0	6.7	-46.9		
6.950	-28.4	-8.9	-4.4	4.4	-37.7	0.0	0.0	5.8	-50.1		
7.000	-31.8	-9.9	-4.9	4.4	-41.9	0.0	0.0	5.8	-55.7		
7.000	32.0	10.2	5.0	38.7	-1.5	0.0	0.0	51.5	-2.0		
7.026	30.5	9.8	4.8	38.7	-1.5	0.0	0.0	51.5	-2.0		
7.050	29.3	9.4	4.6	38.7	-2.1	0.0	0.0	51.5	-2.7		
7.053	29.2	9.3	4.6	38.7	-2.2	0.0	0.0	51.5	-2.9		
7.100	26.6	8.5	4.2	35.5	-2.9	0.0	0.0	47.2	-3.9		
7.125	25.3	8.1	4.0	32.8	-2.9	0.0	0.0	43.7	-3.8		
7.150	24.0	7.7	3.8	32.5	-4.7	0.0	0.0	43.2	-6.3		
7.200	21.5	6.9	3.4	29.5	-6.3	0.0	0.0	39.2	-8.4		
7.209	21.0	6.7	3.3	29.5	-6.2	0.0	0.0	39.2	-8.2		
7.250	19.0	6.1	3.0	24.2	-8.2	0.0	0.0	32.2	-10.9		
7.279	17.5	5.6	2.8	24.2	-7.4	0.0	0.0	32.2	-9.8		
7.300	16.4	5.3	2.6	21.5	-10.1	0.0	0.0	28.5	-13.4		
7.350	13.9	4.5	2.2	20.5	-11.9	0.0	0.0	27.3	-15.9		
7.365	13.6	4.3	2.1	23.7	-12.0	0.0	0.0	31.5	-16.0		
7.400	11.9	3.8	1.9	18.7	-8.8	0.0	0.0	24.9	-11.7		
7.450	9.4	3.0	1.5	16.1	-10.3	0.0	0.0	21.4	-13.6		
7.500	6.9	2.2	1.1	15.1	-12.0	0.0	0.0	20.1	-15.9		
7.522	5.8	1.8	0.9	15.1	-12.4	0.0	0.0	20.1	-16.5		
7.550	4.3	1.4	0.7	11.9	-14.0	0.0	0.0	15.8	-18.6		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)
7.600	1.8	0.6	0.3	9.9	-16.3	0.0	0.0	13.1	-21.7		
7.636	0.0	0.0	0.0	9.9	-15.3	0.0	0.0	13.1	-20.3		
7.650	-0.7	-0.2	-0.1	9.3	-18.6	0.0	0.0	12.4	-24.7		
7.678	-2.1	-0.7	-0.3	14.9	-19.7	0.0	0.0	19.8	-26.2		
7.700	-2.7	-0.9	-0.4	11.0	-16.1	0.0	0.0	14.7	-21.4		
7.750	-5.2	-1.7	-0.8	11.5	-18.9	0.0	0.0	15.2	-25.2		
7.800	-7.7	-2.5	-1.2	9.0	-21.8	0.0	0.0	12.0	-29.0		
7.839	-9.7	-3.1	-1.5	7.4	-22.7	0.0	0.0	9.9	-30.2		
7.850	-10.3	-3.3	-1.6	5.4	-25.0	0.0	0.0	7.1	-33.2		
7.900	-12.8	-4.1	-2.0	4.4	-28.7	0.0	0.0	5.8	-38.2		
7.942	-14.9	-4.8	-2.3	4.4	-32.1	0.0	0.0	5.8	-42.7		
7.950	-15.3	-4.9	-2.4	4.4	-32.9	0.0	0.0	5.8	-43.7		
7.958	-15.7	-5.0	-2.5	4.3	-33.2	0.0	0.0	5.8	-44.1		
8.000	-18.0	-5.7	-2.8	4.3	-33.8	0.0	0.0	5.8	-44.9		
8.000	0.2	0.2	0.1	13.0	0.0	0.0	0.0	17.3	0.0		
8.375	0.1	0.1	0.0	9.1	0.0	0.0	0.0	12.0	0.0		
9.000	0.0	0.0	0.0	9.1	0.0	0.0	0.0	12.0	0.0		

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)
0.000	0.0	0.0	0.0	0.0	-9.9	0.0	0.0	0.1	-13.2		
0.625	-0.1	-0.1	0.0	0.0	-9.9	0.0	0.0	0.1	-13.2		
1.000	-0.2	-0.2	-0.1	0.0	-9.9	0.0	0.0	0.1	-13.2		
1.000	15.1	4.8	2.3	30.5	-4.9	0.0	0.0	40.5	-6.5		
1.000	15.1	4.7	2.3	29.5	-4.9	0.0	0.0	39.3	-6.5		
1.049	12.8	4.1	1.9	29.5	-4.9	0.0	0.0	39.2	-6.5		
1.050	12.7	4.1	1.9	28.9	-4.9	0.0	0.0	38.5	-6.5		
1.100	10.5	3.4	1.6	26.0	-4.9	0.0	0.0	34.5	-6.5		
1.109	10.1	3.2	1.5	26.0	-4.9	0.0	0.0	34.5	-6.5		
1.150	8.3	2.7	1.2	22.8	-6.1	0.0	0.0	30.3	-8.1		
1.169	7.5	2.4	1.1	22.8	-7.1	0.0	0.0	30.3	-9.5		
1.173	7.3	2.4	1.1	22.0	-7.1	0.0	0.0	29.3	-9.5		
1.188	6.7	2.1	1.0	21.6	-8.3	0.0	0.0	28.7	-11.0		
1.200	6.1	2.0	0.9	19.2	-8.4	0.0	0.0	25.5	-11.2		
1.250	3.9	1.3	0.6	16.9	-10.7	0.0	0.0	22.5	-14.3		
1.300	1.7	0.6	0.2	15.0	-12.8	0.0	0.0	19.9	-17.0		
1.346	-0.3	-0.1	-0.1	17.8	-15.3	0.0	0.0	23.7	-20.3		
1.350	0.1	-0.1	0.0	16.2	-11.1	0.0	0.0	21.6	-14.7		
1.353	0.0	-0.1	0.0	16.2	-10.2	0.0	0.0	21.6	-13.6		
1.400	-2.1	-0.8	-0.3	14.5	-12.5	0.0	0.0	19.2	-16.6		
1.450	-4.3	-1.4	-0.7	12.7	-14.4	0.0	0.0	16.9	-19.2		
1.500	-6.5	-2.1	-1.0	11.8	-16.3	0.0	0.0	15.6	-21.7		
1.525	-7.6	-2.5	-1.2	11.8	-17.4	0.0	0.0	15.6	-23.1		
1.550	-8.7	-2.8	-1.3	9.4	-18.3	0.0	0.0	12.5	-24.3		
1.600	-10.9	-3.5	-1.7	8.4	-20.3	0.0	0.0	11.2	-27.0		
1.650	-13.1	-4.2	-2.0	6.2	-22.4	0.0	0.0	8.2	-29.8		
1.692	-15.0	-4.8	-2.3	5.6	-24.8	0.0	0.0	7.5	-33.0		
1.700	-15.3	-4.9	-2.4	6.1	-24.8	0.0	0.0	8.1	-33.0		
1.703	-15.7	-5.0	-2.4	10.1	-24.9	0.0	0.0	13.5	-33.2		
1.750	-17.8	-5.7	-2.7	6.2	-26.2	0.0	0.0	8.3	-34.9		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)
1.800	-20.0	-6.4	-3.1	5.0	-28.9	0.0	0.0	6.7	-38.4		
1.850	-22.2	-7.1	-3.4	2.5	-31.8	0.0	0.0	3.3	-42.3		
1.852	-22.2	-7.1	-3.4	2.5	-31.7	0.0	0.0	3.3	-42.2		
1.893	-24.1	-7.6	-3.7	1.9	-35.0	0.0	0.0	2.5	-46.6		
1.900	-24.4	-7.7	-3.8	2.1	-35.0	0.0	0.0	2.7	-46.6		
1.950	-26.7	-8.4	-4.1	2.2	-38.4	0.0	0.0	2.9	-51.1		
2.000	-29.0	-9.1	-4.4	2.2	-38.4	0.0	0.0	2.9	-51.1		
2.000	29.8	9.6	4.7	37.7	-4.6	0.0	0.0	50.1	-6.2		
2.021	28.4	9.2	4.5	37.7	-4.6	0.0	0.0	50.1	-6.2		
2.042	27.1	8.8	4.3	38.4	-4.6	0.0	0.0	51.1	-6.2		
2.050	26.6	8.5	4.2	37.4	-4.4	0.0	0.0	49.8	-5.8		
2.075	24.9	8.0	3.9	35.3	-4.3	0.0	0.0	46.9	-5.8		
2.100	23.4	7.5	3.7	33.9	-4.3	0.0	0.0	45.1	-5.8		
2.150	20.2	6.5	3.2	30.6	-4.9	0.0	0.0	40.7	-6.5		
2.167	19.1	6.2	3.0	29.9	-6.4	0.0	0.0	39.8	-8.5		
2.200	17.1	5.5	2.7	27.5	-6.4	0.0	0.0	36.6	-8.5		
2.202	17.0	5.5	2.7	27.5	-5.6	0.0	0.0	36.6	-7.5		
2.250	13.9	4.5	2.2	24.5	-8.0	0.0	0.0	32.6	-10.6		
2.292	12.1	3.8	1.8	25.8	-13.4	0.0	0.0	34.3	-17.8		
2.300	11.6	3.6	1.8	25.2	-8.3	0.0	0.0	33.6	-11.1		
2.350	8.4	2.6	1.3	22.3	-8.0	0.0	0.0	29.6	-10.6		
2.400	5.3	1.7	0.8	19.3	-10.0	0.0	0.0	25.7	-13.3		
2.417	4.2	1.3	0.6	18.6	-12.8	0.0	0.0	24.8	-17.1		
2.450	2.1	0.7	0.3	16.5	-14.8	0.0	0.0	22.0	-19.7		
2.484	0.0	0.0	0.0	13.4	-14.3	0.0	0.0	17.8	-19.1		
2.500	-1.0	-0.3	-0.2	13.9	-14.3	0.0	0.0	18.4	-19.1		
2.542	-3.7	-1.2	-0.6	15.7	-19.7	0.0	0.0	20.9	-26.2		
2.550	-3.7	-1.3	-0.6	15.8	-16.2	0.0	0.0	21.0	-21.6		
2.600	-6.8	-2.3	-1.1	13.5	-16.5	0.0	0.0	18.0	-21.9		
2.650	-10.0	-3.3	-1.6	11.3	-18.9	0.0	0.0	15.1	-25.1		
2.667	-11.1	-3.6	-1.8	10.7	-22.1	0.0	0.0	14.2	-29.4		
2.700	-13.1	-4.3	-2.1	9.2	-22.1	0.0	0.0	12.3	-29.4		
2.750	-16.3	-5.2	-2.6	7.0	-25.3	0.0	0.0	9.3	-33.6		
2.768	-17.4	-5.6	-2.8	5.1	-26.9	0.0	0.0	6.8	-35.7		
2.792	-19.4	-6.2	-3.0	9.1	-29.4	0.0	0.0	12.1	-39.1		
2.800	-19.8	-6.3	-3.1	8.9	-29.0	0.0	0.0	11.8	-38.6		
2.850	-23.0	-7.3	-3.6	6.1	-32.3	0.0	0.0	8.2	-42.9		
2.887	-25.3	-8.1	-4.0	3.4	-34.3	0.0	0.0	4.6	-45.7		
2.896	-25.9	-8.2	-4.0	3.4	-34.3	0.0	0.0	4.6	-45.7		
2.900	-26.2	-8.3	-4.1	3.7	-34.3	0.0	0.0	4.9	-45.7		
2.950	-29.6	-9.3	-4.6	2.6	-37.0	0.0	0.0	3.4	-49.2		
3.000	-33.0	-10.3	-5.0	2.5	-41.4	0.0	0.0	3.4	-55.0		
3.000	31.8	10.1	4.9	38.1	-4.6	0.0	0.0	50.6	-6.2		
3.021	30.3	9.6	4.7	38.1	-4.6	0.0	0.0	50.6	-6.2		
3.042	28.9	9.2	4.5	38.4	-4.6	0.0	0.0	51.0	-6.2		
3.050	28.3	8.9	4.4	37.3	-4.4	0.0	0.0	49.6	-5.8		
3.100	24.9	7.9	3.9	33.9	-4.3	0.0	0.0	45.0	-5.8		
3.112	24.0	7.7	3.8	32.4	-4.3	0.0	0.0	43.1	-5.7		
3.150	21.6	7.0	3.4	30.6	-4.9	0.0	0.0	40.7	-6.6		
3.167	20.6	6.6	3.2	29.9	-6.4	0.0	0.0	39.8	-8.4		
3.200	18.5	6.0	2.9	27.6	-6.4	0.0	0.0	36.7	-8.4		
3.248	15.5	5.0	2.5	24.2	-7.8	0.0	0.0	32.2	-10.4		
3.250	15.4	5.0	2.4	24.5	-7.8	0.0	0.0	32.6	-10.4		
3.292	13.4	4.2	2.1	25.7	-13.3	0.0	0.0	34.2	-17.7		
3.300	12.9	4.1	2.0	25.2	-8.3	0.0	0.0	33.5	-11.1		
3.350	9.8	3.1	1.5	22.2	-8.0	0.0	0.0	29.5	-10.6		
3.400	6.6	2.1	1.0	19.2	-10.0	0.0	0.0	25.6	-13.3		

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OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
3.417	5.6	1.7	0.9	18.6	-12.9	0.0	0.0	24.7	-17.1		
3.450	3.5	1.1	0.5	16.5	-12.9	0.0	0.0	21.9	-17.1		
3.500	0.4	0.1	0.1	13.8	-15.2	0.0	0.0	18.4	-20.2		
3.506	0.0	0.0	0.0	13.8	-13.7	0.0	0.0	18.4	-18.2		
3.542	-2.3	-0.7	-0.4	15.7	-19.8	0.0	0.0	20.9	-26.3		
3.550	-2.3	-0.8	-0.4	15.8	-16.3	0.0	0.0	21.0	-21.7		
3.600	-5.5	-1.8	-0.9	13.5	-16.5	0.0	0.0	18.0	-22.0		
3.650	-8.6	-2.8	-1.4	11.3	-18.9	0.0	0.0	15.1	-25.2		
3.667	-9.7	-3.2	-1.5	10.7	-22.2	0.0	0.0	14.2	-29.5		
3.700	-11.8	-3.8	-1.9	9.2	-22.2	0.0	0.0	12.3	-29.5		
3.750	-14.9	-4.8	-2.4	7.2	-25.3	0.0	0.0	9.6	-33.6		
3.768	-16.0	-5.1	-2.5	5.7	-26.9	0.0	0.0	7.5	-35.8		
3.792	-18.0	-5.7	-2.8	9.3	-29.5	0.0	0.0	12.4	-39.2		
3.800	-18.5	-5.9	-2.9	9.2	-29.1	0.0	0.0	12.2	-38.7		
3.850	-21.6	-6.9	-3.4	6.8	-32.4	0.0	0.0	9.1	-43.0		
3.887	-24.0	-7.6	-3.7	4.2	-34.4	0.0	0.0	5.6	-45.8		
3.896	-24.6	-7.8	-3.8	4.2	-34.4	0.0	0.0	5.6	-45.8		
3.900	-24.8	-7.9	-3.9	4.4	-34.4	0.0	0.0	5.8	-45.8		
3.950	-28.2	-8.8	-4.3	4.2	-37.0	0.0	0.0	5.6	-49.3		
4.000	-31.7	-9.8	-4.8	4.2	-41.4	0.0	0.0	5.5	-55.1		
4.000	31.3	9.9	4.9	38.1	-4.6	0.0	0.0	50.6	-6.2		
4.021	29.9	9.5	4.7	38.1	-4.6	0.0	0.0	50.6	-6.2		
4.042	28.5	9.1	4.5	38.4	-4.6	0.0	0.0	51.0	-6.2		
4.050	27.9	8.8	4.3	37.3	-4.4	0.0	0.0	49.6	-5.8		
4.100	24.5	7.8	3.8	33.9	-4.3	0.0	0.0	45.0	-5.8		
4.112	23.6	7.6	3.7	32.4	-4.3	0.0	0.0	43.0	-5.7		
4.150	21.2	6.8	3.3	30.6	-4.9	0.0	0.0	40.7	-6.6		
4.167	20.2	6.5	3.2	29.9	-6.4	0.0	0.0	39.8	-8.4		
4.200	18.1	5.8	2.9	27.5	-7.9	0.0	0.0	36.6	-10.5		
4.234	15.9	5.2	2.5	24.2	-7.9	0.0	0.0	32.2	-10.4		
4.250	15.0	4.8	2.4	24.5	-7.9	0.0	0.0	32.5	-10.4		
4.292	13.0	4.1	2.0	25.7	-13.3	0.0	0.0	34.2	-17.7		
4.300	12.5	3.9	1.9	25.2	-8.3	0.0	0.0	33.5	-11.1		
4.350	9.4	2.9	1.4	22.2	-8.0	0.0	0.0	29.5	-10.7		
4.400	6.3	2.0	1.0	19.2	-10.0	0.0	0.0	25.6	-13.3		
4.417	5.2	1.6	0.8	18.6	-12.8	0.0	0.0	24.7	-17.1		
4.450	3.1	1.0	0.5	16.5	-12.8	0.0	0.0	21.9	-17.1		
4.499	0.0	0.0	0.0	13.4	-14.6	0.0	0.0	17.8	-19.4		
4.500	0.0	0.0	0.0	13.8	-14.6	0.0	0.0	18.4	-19.4		
4.542	-2.7	-0.9	-0.4	15.7	-19.8	0.0	0.0	20.9	-26.3		
4.550	-2.7	-1.0	-0.5	15.8	-16.3	0.0	0.0	21.0	-21.7		
4.600	-5.9	-2.0	-1.0	13.5	-16.5	0.0	0.0	18.0	-22.0		
4.650	-9.0	-3.0	-1.4	11.3	-19.0	0.0	0.0	15.1	-25.2		
4.667	-10.1	-3.3	-1.6	10.7	-22.2	0.0	0.0	14.2	-29.5		
4.700	-12.2	-3.9	-1.9	9.2	-22.2	0.0	0.0	12.3	-29.5		
4.750	-15.3	-4.9	-2.4	7.2	-25.3	0.0	0.0	9.6	-33.6		
4.768	-16.5	-5.3	-2.6	5.7	-27.0	0.0	0.0	7.6	-35.8		
4.792	-18.4	-5.9	-2.9	9.4	-29.5	0.0	0.0	12.4	-39.2		
4.800	-18.9	-6.0	-3.0	9.2	-29.1	0.0	0.0	12.2	-38.7		
4.850	-22.0	-7.0	-3.4	6.9	-32.4	0.0	0.0	9.1	-43.0		
4.887	-24.4	-7.7	-3.8	4.3	-34.4	0.0	0.0	5.7	-45.8		
4.896	-25.0	-7.9	-3.9	4.3	-34.4	0.0	0.0	5.7	-45.8		
4.900	-25.2	-8.0	-3.9	4.4	-34.4	0.0	0.0	5.9	-45.8		
4.950	-28.6	-9.0	-4.4	4.2	-37.1	0.0	0.0	5.6	-49.3		
5.000	-32.1	-9.9	-4.9	4.2	-41.4	0.0	0.0	5.6	-55.1		
5.000	31.4	10.0	4.9	38.1	-4.6	0.0	0.0	50.6	-6.2		
5.021	30.0	9.5	4.7	38.1	-4.6	0.0	0.0	50.6	-6.2		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
5.042	28.5	9.1	4.5	38.4	-4.6	0.0	0.0	51.0	-6.2		
5.050	28.0	8.8	4.3	37.3	-4.4	0.0	0.0	49.6	-5.8		
5.100	24.6	7.8	3.9	33.9	-4.3	0.0	0.0	45.0	-5.8		
5.112	23.7	7.6	3.7	32.4	-4.3	0.0	0.0	43.0	-5.7		
5.150	21.3	6.9	3.4	30.6	-4.9	0.0	0.0	40.7	-6.6		
5.167	20.3	6.5	3.2	29.9	-6.3	0.0	0.0	39.7	-8.4		
5.200	18.2	5.9	2.9	27.5	-8.2	0.0	0.0	36.6	-10.9		
5.238	15.8	5.1	2.5	24.2	-7.9	0.0	0.0	32.2	-10.4		
5.250	15.0	4.9	2.4	24.5	-7.9	0.0	0.0	32.5	-10.4		
5.292	13.1	4.1	2.0	25.7	-13.3	0.0	0.0	34.2	-17.7		
5.300	12.6	4.0	1.9	25.2	-8.3	0.0	0.0	33.5	-11.1		
5.350	9.5	3.0	1.5	22.2	-8.0	0.0	0.0	29.5	-10.7		
5.400	6.3	2.0	1.0	19.2	-10.0	0.0	0.0	25.6	-13.3		
5.417	5.3	1.6	0.8	18.6	-12.8	0.0	0.0	24.7	-17.1		
5.450	3.2	1.0	0.5	16.5	-12.8	0.0	0.0	21.9	-17.1		
5.500	0.1	0.0	0.0	13.8	-14.7	0.0	0.0	18.4	-19.6		
5.501	0.0	0.0	0.0	13.8	-13.3	0.0	0.0	18.4	-17.7		
5.542	-2.6	-0.8	-0.4	15.7	-19.8	0.0	0.0	20.9	-26.3		
5.550	-2.6	-0.9	-0.5	15.8	-16.3	0.0	0.0	21.0	-21.7		
5.600	-5.8	-1.9	-0.9	13.5	-16.6	0.0	0.0	18.0	-22.0		
5.650	-8.9	-2.9	-1.4	11.3	-19.0	0.0	0.0	15.1	-25.2		
5.667	-10.0	-3.3	-1.6	10.7	-22.2	0.0	0.0	14.2	-29.5		
5.700	-12.1	-3.9	-1.9	9.2	-22.2	0.0	0.0	12.3	-29.5		
5.750	-15.2	-4.9	-2.4	7.2	-25.2	0.0	0.0	9.6	-33.5		
5.767	-16.3	-5.2	-2.6	5.7	-27.0	0.0	0.0	7.6	-35.9		
5.792	-18.3	-5.8	-2.9	9.4	-29.5	0.0	0.0	12.4	-39.2		
5.800	-18.8	-6.0	-2.9	9.2	-29.1	0.0	0.0	12.2	-38.7		
5.850	-21.9	-7.0	-3.4	6.9	-32.4	0.0	0.0	9.1	-43.0		
5.888	-24.3	-7.7	-3.8	4.3	-34.4	0.0	0.0	5.7	-45.8		
5.896	-24.9	-7.9	-3.9	4.3	-34.4	0.0	0.0	5.7	-45.8		
5.900	-25.1	-8.0	-3.9	4.4	-34.4	0.0	0.0	5.9	-45.8		
5.950	-28.5	-8.9	-4.4	4.2	-37.0	0.0	0.0	5.6	-49.3		
6.000	-32.0	-9.9	-4.9	4.2	-41.4	0.0	0.0	5.6	-55.1		
6.000	31.5	10.0	4.9	38.1	-3.9	0.0	0.0	50.6	-5.2		
6.021	30.1	9.6	4.7	38.1	-3.9	0.0	0.0	50.6	-5.2		
6.042	28.6	9.1	4.5	38.3	-3.9	0.0	0.0	51.0	-5.2		
6.050	28.0	8.9	4.3	37.3	-3.6	0.0	0.0	49.6	-4.8		
6.100	24.6	7.9	3.9	33.8	-3.5	0.0	0.0	45.0	-4.7		
6.112	23.8	7.6	3.7	32.3	-3.7	0.0	0.0	43.0	-4.9		
6.150	21.4	6.9	3.4	30.6	-4.7	0.0	0.0	40.6	-6.3		
6.167	20.3	6.5	3.2	29.9	-6.3	0.0	0.0	39.7	-8.4		
6.200	18.3	5.9	2.9	27.5	-8.1	0.0	0.0	36.6	-10.8		
6.237	15.9	5.2	2.5	24.2	-7.9	0.0	0.0	32.1	-10.4		
6.250	15.1	4.9	2.4	24.4	-7.9	0.0	0.0	32.5	-10.4		
6.292	13.2	4.1	2.0	25.7	-13.3	0.0	0.0	34.2	-17.7		
6.300	12.7	4.0	2.0	25.1	-8.3	0.0	0.0	33.4	-11.1		
6.350	9.6	3.0	1.5	22.2	-8.0	0.0	0.0	29.5	-10.7		
6.400	6.4	2.0	1.0	19.2	-10.0	0.0	0.0	25.5	-13.3		
6.417	5.3	1.7	0.8	18.5	-12.9	0.0	0.0	24.7	-17.1		
6.450	3.3	1.0	0.5	16.5	-12.9	0.0	0.0	21.9	-17.1		
6.500	0.1	0.0	0.0	13.8	-14.8	0.0	0.0	18.3	-19.7		
6.502	0.0	0.0	0.0	13.8	-13.4	0.0	0.0	18.3	-17.8		
6.542	-2.5	-0.8	-0.4	15.7	-19.8	0.0	0.0	20.9	-26.3		
6.550	-2.6	-0.9	-0.5	15.8	-16.3	0.0	0.0	21.0	-21.7		
6.600	-5.7	-1.9	-0.9	13.6	-16.6	0.0	0.0	18.0	-22.0		
6.650	-8.9	-2.9	-1.4	11.3	-19.0	0.0	0.0	15.1	-25.2		
6.667	-10.0	-3.2	-1.6	10.7	-22.2	0.0	0.0	14.2	-29.5		
6.700	-12.0	-3.9	-1.9	9.2	-22.2	0.0	0.0	12.3	-29.5		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.750	-15.2	-4.9	-2.4	7.2	-25.5	0.0	0.0	9.6	-33.9		
6.771	-16.5	-5.3	-2.6	5.7	-26.9	0.0	0.0	7.6	-35.8		
6.792	-18.2	-5.8	-2.9	9.4	-29.5	0.0	0.0	12.5	-39.2		
6.800	-18.7	-6.0	-2.9	9.2	-29.1	0.0	0.0	12.2	-38.7		
6.850	-21.8	-6.9	-3.4	6.9	-29.7	0.0	0.0	9.1	-39.5		
6.896	-24.7	-7.9	-3.9	4.3	-34.4	0.0	0.0	5.7	-45.8		
6.900	-25.0	-7.9	-3.9	4.4	-34.4	0.0	0.0	5.9	-45.8		
6.950	-28.4	-8.9	-4.4	4.3	-37.0	0.0	0.0	5.7	-49.3		
7.000	-31.8	-9.9	-4.9	4.2	-41.4	0.0	0.0	5.6	-55.1		
7.000	32.0	10.2	5.0	37.5	-1.4	0.0	0.0	49.8	-1.9		
7.026	30.5	9.8	4.8	37.5	-1.4	0.0	0.0	49.8	-1.9		
7.050	29.3	9.4	4.6	37.5	-1.9	0.0	0.0	49.9	-2.5		
7.053	29.2	9.3	4.6	37.9	-2.0	0.0	0.0	50.4	-2.6		
7.100	26.6	8.5	4.2	34.8	-2.5	0.0	0.0	46.3	-3.4		
7.125	25.3	8.1	4.0	32.1	-2.4	0.0	0.0	42.7	-3.3		
7.150	24.0	7.7	3.8	31.8	-4.3	0.0	0.0	42.2	-5.7		
7.200	21.5	6.9	3.4	29.0	-6.3	0.0	0.0	38.6	-8.4		
7.209	21.0	6.7	3.3	29.0	-6.2	0.0	0.0	38.6	-8.2		
7.250	19.0	6.1	3.0	24.2	-8.2	0.0	0.0	32.1	-10.9		
7.279	17.5	5.6	2.8	24.2	-7.4	0.0	0.0	32.1	-9.8		
7.300	16.4	5.3	2.6	21.6	-10.2	0.0	0.0	28.7	-13.5		
7.350	13.9	4.5	2.2	20.8	-12.5	0.0	0.0	27.7	-16.6		
7.365	13.6	4.3	2.1	24.5	-12.7	0.0	0.0	32.6	-16.9		
7.400	11.9	3.8	1.9	20.2	-9.3	0.0	0.0	26.8	-12.3		
7.450	9.4	3.0	1.5	17.7	-11.0	0.0	0.0	23.5	-14.6		
7.500	6.9	2.2	1.1	16.5	-12.9	0.0	0.0	21.9	-17.1		
7.522	5.8	1.8	0.9	16.5	-13.3	0.0	0.0	21.9	-17.7		
7.550	4.3	1.4	0.7	13.1	-14.9	0.0	0.0	17.4	-19.9		
7.600	1.8	0.6	0.3	10.6	-17.1	0.0	0.0	14.1	-22.8		
7.636	0.0	0.0	0.0	10.6	-16.0	0.0	0.0	14.1	-21.3		
7.650	-0.7	-0.2	-0.1	9.8	-19.4	0.0	0.0	13.0	-25.8		
7.678	-2.1	-0.7	-0.3	15.8	-20.3	0.0	0.0	21.1	-27.0		
7.700	-2.7	-0.9	-0.4	11.1	-16.6	0.0	0.0	14.7	-22.1		
7.750	-5.2	-1.7	-0.8	11.5	-19.3	0.0	0.0	15.2	-25.6		
7.800	-7.7	-2.5	-1.2	9.0	-22.1	0.0	0.0	12.0	-29.4		
7.839	-9.7	-3.1	-1.5	6.9	-23.0	0.0	0.0	9.2	-30.5		
7.850	-10.3	-3.3	-1.6	4.7	-25.3	0.0	0.0	6.3	-33.7		
7.900	-12.8	-4.1	-2.0	4.2	-28.8	0.0	0.0	5.6	-38.3		
7.942	-14.9	-4.8	-2.3	4.2	-32.2	0.0	0.0	5.6	-42.8		
7.950	-15.3	-4.9	-2.4	4.2	-32.9	0.0	0.0	5.6	-43.8		
7.958	-15.7	-5.0	-2.5	4.2	-32.9	0.0	0.0	5.6	-43.8		
8.000	-18.0	-5.7	-2.8	4.2	-33.6	0.0	0.0	5.6	-44.7		
8.000	0.2	0.2	0.1	10.9	0.0	0.0	0.0	14.4	0.0		
8.375	0.1	0.1	0.0	7.7	0.0	0.0	0.0	10.2	0.0		
9.000	0.0	0.0	0.0	7.7	0.0	0.0	0.0	10.2	0.0		

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD				TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW									
	FRAC	SHEAR	SHEAR	SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
0.000	0.0	0.0	0.0	0.0	-9.7	0.0	0.0	0.0	-12.9			
0.625	-0.1	-0.1	0.0	0.0	-9.7	0.0	0.0	0.0	-12.9			

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-3 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
1.000	-0.2	-0.2	-0.1	0.0	-9.7	0.0	0.0	0.0	-12.9		
1.000	15.1	4.8	2.3	30.6	-4.9	0.0	0.0	40.7	-6.6		
1.000	15.1	4.7	2.3	29.8	-4.9	0.0	0.0	39.7	-6.6		
1.049	12.8	4.1	1.9	29.8	-4.9	0.0	0.0	39.7	-6.6		
1.050	12.7	4.1	1.9	29.3	-4.9	0.0	0.0	38.9	-6.6		
1.100	10.5	3.4	1.6	26.3	-4.9	0.0	0.0	35.0	-6.5		
1.109	10.1	3.2	1.5	26.3	-4.9	0.0	0.0	35.0	-6.5		
1.150	8.3	2.7	1.2	23.2	-6.1	0.0	0.0	30.8	-8.1		
1.169	7.5	2.4	1.1	23.2	-7.1	0.0	0.0	30.9	-9.5		
1.173	7.3	2.4	1.1	22.5	-7.1	0.0	0.0	29.9	-9.5		
1.188	6.7	2.1	1.0	22.0	-8.3	0.0	0.0	29.3	-11.0		
1.200	6.1	2.0	0.9	19.6	-8.4	0.0	0.0	26.1	-11.2		
1.250	3.9	1.3	0.6	17.4	-10.7	0.0	0.0	23.1	-14.3		
1.300	1.7	0.6	0.2	15.3	-12.8	0.0	0.0	20.3	-17.0		
1.346	-0.3	-0.1	-0.1	18.2	-15.1	0.0	0.0	24.1	-20.1		
1.350	0.1	-0.1	0.0	16.5	-11.0	0.0	0.0	21.9	-14.6		
1.353	0.0	-0.1	0.0	16.5	-10.1	0.0	0.0	21.9	-13.5		
1.400	-2.1	-0.8	-0.3	14.6	-12.3	0.0	0.0	19.4	-16.3		
1.450	-4.3	-1.4	-0.7	12.7	-14.0	0.0	0.0	16.9	-18.6		
1.500	-6.5	-2.1	-1.0	11.7	-16.1	0.0	0.0	15.5	-21.5		
1.525	-7.6	-2.5	-1.2	11.7	-17.5	0.0	0.0	15.5	-23.2		
1.550	-8.7	-2.8	-1.3	9.2	-18.4	0.0	0.0	12.2	-24.5		
1.600	-10.9	-3.5	-1.7	8.2	-20.7	0.0	0.0	11.0	-27.6		
1.650	-13.1	-4.2	-2.0	6.2	-23.1	0.0	0.0	8.2	-30.7		
1.692	-15.0	-4.8	-2.3	5.6	-25.5	0.0	0.0	7.5	-33.9		
1.700	-15.3	-4.9	-2.4	6.1	-25.5	0.0	0.0	8.1	-33.9		
1.703	-15.7	-5.0	-2.4	10.2	-25.6	0.0	0.0	13.5	-34.1		
1.750	-17.8	-5.7	-2.7	6.2	-27.1	0.0	0.0	8.3	-36.1		
1.800	-20.0	-6.4	-3.1	5.0	-29.7	0.0	0.0	6.7	-39.5		
1.850	-22.2	-7.1	-3.4	2.5	-32.5	0.0	0.0	3.3	-43.2		
1.852	-22.2	-7.1	-3.4	2.5	-32.5	0.0	0.0	3.3	-43.2		
1.893	-24.1	-7.6	-3.7	1.9	-35.7	0.0	0.0	2.5	-47.5		
1.900	-24.4	-7.7	-3.8	2.1	-35.7	0.0	0.0	2.7	-47.5		
1.950	-26.7	-8.4	-4.1	2.2	-39.0	0.0	0.0	2.9	-51.9		
2.000	-29.0	-9.1	-4.4	2.2	-39.0	0.0	0.0	2.9	-51.9		
2.000	29.8	9.6	4.7	37.1	-4.7	0.0	0.0	49.4	-6.2		
2.021	28.4	9.2	4.5	37.1	-4.7	0.0	0.0	49.4	-6.2		
2.042	27.1	8.8	4.3	38.1	-4.7	0.0	0.0	50.7	-6.2		
2.050	26.6	8.5	4.2	37.2	-4.4	0.0	0.0	49.4	-5.9		
2.075	24.9	8.0	3.9	35.1	-4.4	0.0	0.0	46.6	-5.8		
2.100	23.4	7.5	3.7	33.7	-4.4	0.0	0.0	44.9	-5.8		
2.150	20.2	6.5	3.2	30.5	-4.9	0.0	0.0	40.6	-6.5		
2.167	19.1	6.2	3.0	29.9	-6.4	0.0	0.0	39.7	-8.5		
2.200	17.1	5.5	2.7	27.6	-6.4	0.0	0.0	36.7	-8.5		
2.202	17.0	5.5	2.7	27.6	-5.6	0.0	0.0	36.7	-7.5		
2.250	13.9	4.5	2.2	24.7	-8.0	0.0	0.0	32.8	-10.6		
2.292	12.1	3.8	1.8	26.0	-13.1	0.0	0.0	34.6	-17.4		
2.300	11.6	3.6	1.8	25.5	-8.2	0.0	0.0	33.9	-10.9		
2.350	8.4	2.6	1.3	22.5	-7.9	0.0	0.0	30.0	-10.5		
2.400	5.3	1.7	0.8	19.6	-9.8	0.0	0.0	26.1	-13.1		
2.417	4.2	1.3	0.6	19.0	-12.8	0.0	0.0	25.2	-17.0		
2.450	2.1	0.7	0.3	16.8	-14.9	0.0	0.0	22.4	-19.8		
2.484	0.0	0.0	0.0	13.7	-14.4	0.0	0.0	18.3	-19.2		
2.500	-1.0	-0.3	-0.2	14.1	-14.4	0.0	0.0	18.8	-19.2		
2.542	-3.7	-1.2	-0.6	16.0	-19.9	0.0	0.0	21.3	-26.5		
2.550	-3.7	-1.3	-0.6	16.1	-16.5	0.0	0.0	21.4	-21.9		
2.600	-6.8	-2.3	-1.1	13.7	-16.8	0.0	0.0	18.2	-22.3		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.650	-10.0	-3.3	-1.6	11.3	-19.2	0.0	0.0	15.0	-25.5		
2.667	-11.1	-3.6	-1.8	10.6	-22.4	0.0	0.0	14.2	-29.8		
2.700	-13.1	-4.3	-2.1	9.0	-22.4	0.0	0.0	12.0	-29.8		
2.750	-16.3	-5.2	-2.6	7.0	-25.5	0.0	0.0	9.2	-33.9		
2.768	-17.4	-5.6	-2.8	5.1	-27.0	0.0	0.0	6.8	-35.9		
2.792	-19.4	-6.2	-3.0	9.1	-29.5	0.0	0.0	12.1	-39.2		
2.800	-19.8	-6.3	-3.1	8.9	-29.1	0.0	0.0	11.8	-38.8		
2.850	-23.0	-7.3	-3.6	6.2	-32.4	0.0	0.0	8.3	-43.0		
2.887	-25.3	-8.1	-4.0	3.5	-34.4	0.0	0.0	4.7	-45.7		
2.896	-25.9	-8.2	-4.0	3.5	-34.4	0.0	0.0	4.7	-45.7		
2.900	-26.2	-8.3	-4.1	3.8	-34.4	0.0	0.0	5.0	-45.7		
2.950	-29.6	-9.3	-4.6	2.7	-37.0	0.0	0.0	3.6	-49.2		
3.000	-33.0	-10.3	-5.0	2.7	-41.3	0.0	0.0	3.6	-54.9		
3.000	31.8	10.1	4.9	37.5	-4.7	0.0	0.0	49.9	-6.2		
3.021	30.3	9.6	4.7	37.5	-4.7	0.0	0.0	49.9	-6.2		
3.042	28.9	9.2	4.5	38.1	-4.7	0.0	0.0	50.6	-6.2		
3.050	28.3	8.9	4.4	37.1	-4.4	0.0	0.0	49.3	-5.9		
3.100	24.9	7.9	3.9	33.7	-4.4	0.0	0.0	44.8	-5.8		
3.112	24.0	7.7	3.8	32.3	-4.3	0.0	0.0	42.9	-5.8		
3.150	21.6	7.0	3.4	30.5	-4.9	0.0	0.0	40.6	-6.6		
3.167	20.6	6.6	3.2	29.9	-6.4	0.0	0.0	39.7	-8.5		
3.200	18.5	6.0	2.9	27.7	-6.4	0.0	0.0	36.8	-8.5		
3.248	15.5	5.0	2.5	24.3	-7.8	0.0	0.0	32.4	-10.4		
3.250	15.4	5.0	2.4	24.6	-7.8	0.0	0.0	32.7	-10.4		
3.292	13.4	4.2	2.1	26.0	-13.0	0.0	0.0	34.6	-17.3		
3.300	12.9	4.1	2.0	25.4	-8.2	0.0	0.0	33.8	-10.9		
3.350	9.8	3.1	1.5	22.5	-7.9	0.0	0.0	29.9	-10.5		
3.400	6.6	2.1	1.0	19.6	-9.9	0.0	0.0	26.0	-13.1		
3.417	5.6	1.7	0.9	18.9	-12.8	0.0	0.0	25.1	-17.1		
3.450	3.5	1.1	0.5	16.8	-12.8	0.0	0.0	22.3	-17.1		
3.500	0.4	0.1	0.1	14.1	-15.3	0.0	0.0	18.7	-20.3		
3.506	0.0	0.0	0.0	14.1	-13.9	0.0	0.0	18.7	-18.5		
3.542	-2.3	-0.7	-0.4	16.0	-20.0	0.0	0.0	21.3	-26.6		
3.550	-2.3	-0.8	-0.4	16.1	-16.6	0.0	0.0	21.3	-22.0		
3.600	-5.5	-1.8	-0.9	13.6	-16.9	0.0	0.0	18.1	-22.4		
3.650	-8.6	-2.8	-1.4	11.3	-19.3	0.0	0.0	15.0	-25.6		
3.667	-9.7	-3.2	-1.5	10.6	-22.5	0.0	0.0	14.1	-29.9		
3.700	-11.8	-3.8	-1.9	9.0	-22.5	0.0	0.0	12.0	-29.9		
3.750	-14.9	-4.8	-2.4	7.2	-25.5	0.0	0.0	9.6	-33.9		
3.768	-16.0	-5.1	-2.5	5.7	-27.1	0.0	0.0	7.5	-36.0		
3.792	-18.0	-5.7	-2.8	9.4	-29.5	0.0	0.0	12.5	-39.3		
3.800	-18.5	-5.9	-2.9	9.2	-29.2	0.0	0.0	12.2	-38.8		
3.850	-21.6	-6.9	-3.4	6.9	-32.4	0.0	0.0	9.1	-43.1		
3.887	-24.0	-7.6	-3.7	4.3	-34.4	0.0	0.0	5.7	-45.8		
3.896	-24.6	-7.8	-3.8	4.3	-34.4	0.0	0.0	5.7	-45.8		
3.900	-24.8	-7.9	-3.9	4.4	-34.4	0.0	0.0	5.9	-45.8		
3.950	-28.2	-8.8	-4.3	4.2	-37.0	0.0	0.0	5.6	-49.2		
4.000	-31.7	-9.8	-4.8	4.2	-41.3	0.0	0.0	5.6	-54.9		
4.000	31.3	9.9	4.9	37.5	-4.7	0.0	0.0	49.9	-6.2		
4.021	29.9	9.5	4.7	37.5	-4.7	0.0	0.0	49.9	-6.2		
4.042	28.5	9.1	4.5	38.1	-4.7	0.0	0.0	50.6	-6.2		
4.050	27.9	8.8	4.3	37.1	-4.4	0.0	0.0	49.3	-5.9		
4.100	24.5	7.8	3.8	33.7	-4.4	0.0	0.0	44.8	-5.8		
4.112	23.6	7.6	3.7	32.2	-4.3	0.0	0.0	42.9	-5.8		
4.150	21.2	6.8	3.3	30.5	-4.9	0.0	0.0	40.6	-6.6		
4.167	20.2	6.5	3.2	29.9	-6.4	0.0	0.0	39.7	-8.5		
4.200	18.1	5.8	2.9	27.6	-7.9	0.0	0.0	36.7	-10.5		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.234		15.9	5.2	2.5	24.3	-7.9	0.0	0.0	32.4	-10.4		
4.250		15.0	4.8	2.4	24.6	-7.9	0.0	0.0	32.7	-10.4		
4.292		13.0	4.1	2.0	26.0	-13.0	0.0	0.0	34.5	-17.3		
4.300		12.5	3.9	1.9	25.4	-8.2	0.0	0.0	33.8	-10.9		
4.350		9.4	2.9	1.4	22.5	-7.9	0.0	0.0	29.9	-10.5		
4.400		6.3	2.0	1.0	19.6	-9.9	0.0	0.0	26.0	-13.1		
4.417		5.2	1.6	0.8	18.9	-12.8	0.0	0.0	25.1	-17.1		
4.450		3.1	1.0	0.5	16.8	-12.8	0.0	0.0	22.3	-17.1		
4.499		0.0	0.0	0.0	13.7	-14.7	0.0	0.0	18.2	-19.5		
4.500		0.0	0.0	0.0	14.1	-14.7	0.0	0.0	18.7	-19.5		
4.542		-2.7	-0.9	-0.4	16.0	-20.0	0.0	0.0	21.3	-26.6		
4.550		-2.7	-1.0	-0.5	16.1	-16.6	0.0	0.0	21.4	-22.0		
4.600		-5.9	-2.0	-1.0	13.6	-16.9	0.0	0.0	18.1	-22.4		
4.650		-9.0	-3.0	-1.4	11.3	-19.3	0.0	0.0	15.0	-25.6		
4.667		-10.1	-3.3	-1.6	10.6	-22.5	0.0	0.0	14.1	-29.9		
4.700		-12.2	-3.9	-1.9	9.0	-22.5	0.0	0.0	12.0	-29.9		
4.750		-15.3	-4.9	-2.4	7.2	-25.5	0.0	0.0	9.6	-33.9		
4.768		-16.5	-5.3	-2.6	5.7	-27.1	0.0	0.0	7.6	-36.0		
4.792		-18.4	-5.9	-2.9	9.4	-29.5	0.0	0.0	12.5	-39.3		
4.800		-18.9	-6.0	-3.0	9.2	-29.2	0.0	0.0	12.2	-38.8		
4.850		-22.0	-7.0	-3.4	6.9	-32.4	0.0	0.0	9.1	-43.1		
4.887		-24.4	-7.7	-3.8	4.3	-34.5	0.0	0.0	5.7	-45.8		
4.896		-25.0	-7.9	-3.9	4.3	-34.5	0.0	0.0	5.7	-45.8		
4.900		-25.2	-8.0	-3.9	4.4	-34.5	0.0	0.0	5.9	-45.8		
4.950		-28.6	-9.0	-4.4	4.3	-37.0	0.0	0.0	5.7	-49.2		
5.000		-32.1	-9.9	-4.9	4.2	-41.3	0.0	0.0	5.6	-54.9		
5.000	31.4		10.0	4.9	37.5	-4.7	0.0	0.0	49.9	-6.2		
5.021	30.0		9.5	4.7	37.5	-4.7	0.0	0.0	49.9	-6.2		
5.042	28.5		9.1	4.5	38.1	-4.7	0.0	0.0	50.6	-6.2		
5.050	28.0		8.8	4.3	37.1	-4.4	0.0	0.0	49.3	-5.8		
5.100	24.6		7.8	3.9	33.7	-4.4	0.0	0.0	44.8	-5.8		
5.112	23.7		7.6	3.7	32.2	-4.3	0.0	0.0	42.9	-5.8		
5.150	21.3		6.9	3.4	30.5	-4.9	0.0	0.0	40.6	-6.6		
5.167	20.3		6.5	3.2	29.8	-6.4	0.0	0.0	39.7	-8.4		
5.200	18.2		5.9	2.9	27.6	-8.2	0.0	0.0	36.7	-10.9		
5.238	15.8		5.1	2.5	24.3	-7.9	0.0	0.0	32.4	-10.4		
5.250	15.0		4.9	2.4	24.6	-7.9	0.0	0.0	32.7	-10.4		
5.292	13.1		4.1	2.0	26.0	-13.0	0.0	0.0	34.5	-17.3		
5.300	12.6		4.0	1.9	25.4	-8.2	0.0	0.0	33.8	-10.9		
5.350	9.5		3.0	1.5	22.5	-7.9	0.0	0.0	29.9	-10.5		
5.400	6.3		2.0	1.0	19.5	-9.9	0.0	0.0	26.0	-13.1		
5.417	5.3		1.6	0.8	18.9	-12.8	0.0	0.0	25.1	-17.1		
5.450	3.2		1.0	0.5	16.8	-12.8	0.0	0.0	22.3	-17.1		
5.500	0.1		0.0	0.0	14.1	-14.8	0.0	0.0	18.7	-19.7		
5.501	0.0		0.0	0.0	14.1	-13.5	0.0	0.0	18.7	-17.9		
5.542	-2.6		-0.8	-0.4	16.0	-20.0	0.0	0.0	21.3	-26.6		
5.550	-2.6		-0.9	-0.5	16.1	-16.6	0.0	0.0	21.3	-22.0		
5.600	-5.8		-1.9	-0.9	13.6	-16.9	0.0	0.0	18.1	-22.4		
5.650	-8.9		-2.9	-1.4	11.3	-19.3	0.0	0.0	15.0	-25.6		
5.667	-10.0		-3.3	-1.6	10.6	-22.5	0.0	0.0	14.1	-29.9		
5.700	-12.1		-3.9	-1.9	9.0	-22.5	0.0	0.0	11.9	-29.9		
5.750	-15.2		-4.9	-2.4	7.2	-25.4	0.0	0.0	9.6	-33.8		
5.767	-16.3		-5.2	-2.6	5.7	-27.1	0.0	0.0	7.6	-36.0		
5.792	-18.3		-5.8	-2.9	9.4	-29.5	0.0	0.0	12.5	-39.3		
5.800	-18.8		-6.0	-2.9	9.2	-29.2	0.0	0.0	12.2	-38.9		
5.850	-21.9		-7.0	-3.4	6.9	-32.4	0.0	0.0	9.1	-43.1		
5.888	-24.3		-7.7	-3.8	4.3	-34.5	0.0	0.0	5.7	-45.8		
5.896	-24.9		-7.9	-3.9	4.3	-34.5	0.0	0.0	5.7	-45.8		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-3 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
5.900		-25.1	-8.0	-3.9	4.4	-34.5	0.0	0.0	5.9	-45.8		
5.950		-28.5	-8.9	-4.4	4.3	-37.0	0.0	0.0	5.7	-49.2		
6.000		-32.0	-9.9	-4.9	4.2	-41.3	0.0	0.0	5.6	-54.9		
6.000		31.5	10.0	4.9	37.5	-4.0	0.0	0.0	49.9	-5.4		
6.021		30.1	9.6	4.7	37.5	-4.0	0.0	0.0	49.9	-5.4		
6.042		28.6	9.1	4.5	38.0	-4.0	0.0	0.0	50.6	-5.4		
6.050		28.0	8.9	4.3	37.0	-3.7	0.0	0.0	49.3	-5.0		
6.100		24.6	7.9	3.9	33.7	-3.7	0.0	0.0	44.8	-4.9		
6.112		23.8	7.6	3.7	32.2	-3.7	0.0	0.0	42.9	-5.0		
6.150		21.4	6.9	3.4	30.5	-4.7	0.0	0.0	40.6	-6.3		
6.167		20.3	6.5	3.2	29.8	-6.3	0.0	0.0	39.7	-8.4		
6.200		18.3	5.9	2.9	27.5	-8.1	0.0	0.0	36.6	-10.8		
6.237		15.9	5.2	2.5	24.3	-7.9	0.0	0.0	32.3	-10.4		
6.250		15.1	4.9	2.4	24.6	-7.9	0.0	0.0	32.7	-10.4		
6.292		13.2	4.1	2.0	25.9	-13.0	0.0	0.0	34.5	-17.3		
6.300		12.7	4.0	2.0	25.4	-8.2	0.0	0.0	33.8	-10.9		
6.350		9.6	3.0	1.5	22.4	-7.9	0.0	0.0	29.8	-10.5		
6.400		6.4	2.0	1.0	19.5	-9.9	0.0	0.0	26.0	-13.1		
6.417		5.3	1.7	0.8	18.9	-12.8	0.0	0.0	25.1	-17.1		
6.450		3.3	1.0	0.5	16.7	-12.8	0.0	0.0	22.2	-17.1		
6.500		0.1	0.0	0.0	14.0	-14.9	0.0	0.0	18.7	-19.9		
6.502		0.0	0.0	0.0	14.0	-13.6	0.0	0.0	18.7	-18.1		
6.542		-2.5	-0.8	-0.4	16.0	-20.0	0.0	0.0	21.3	-26.6		
6.550		-2.6	-0.9	-0.5	16.1	-16.6	0.0	0.0	21.3	-22.0		
6.600		-5.7	-1.9	-0.9	13.6	-16.9	0.0	0.0	18.1	-22.4		
6.650		-8.9	-2.9	-1.4	11.3	-19.3	0.0	0.0	15.0	-25.6		
6.667		-10.0	-3.2	-1.6	10.6	-22.5	0.0	0.0	14.1	-29.9		
6.700		-12.0	-3.9	-1.9	9.0	-22.5	0.0	0.0	12.0	-29.9		
6.750		-15.2	-4.9	-2.4	7.2	-25.7	0.0	0.0	9.6	-34.2		
6.771		-16.5	-5.3	-2.6	5.7	-27.1	0.0	0.0	7.6	-36.0		
6.792		-18.2	-5.8	-2.9	9.4	-29.5	0.0	0.0	12.5	-39.3		
6.800		-18.7	-6.0	-2.9	9.2	-29.2	0.0	0.0	12.2	-38.8		
6.850		-21.8	-6.9	-3.4	6.9	-29.8	0.0	0.0	9.1	-39.7		
6.896		-24.7	-7.9	-3.9	4.3	-34.5	0.0	0.0	5.7	-45.8		
6.900		-25.0	-7.9	-3.9	4.4	-34.5	0.0	0.0	5.9	-45.8		
6.950		-28.4	-8.9	-4.4	4.3	-37.0	0.0	0.0	5.7	-49.2		
7.000		-31.8	-9.9	-4.9	4.2	-41.3	0.0	0.0	5.6	-55.0		
7.000		32.0	10.2	5.0	37.2	-1.4	0.0	0.0	49.5	-1.9		
7.026		30.5	9.8	4.8	37.2	-1.4	0.0	0.0	49.5	-1.9		
7.050		29.3	9.4	4.6	37.2	-1.8	0.0	0.0	49.5	-2.5		
7.053		29.2	9.3	4.6	38.0	-2.0	0.0	0.0	50.5	-2.6		
7.100		26.6	8.5	4.2	35.0	-2.5	0.0	0.0	46.6	-3.4		
7.125		25.3	8.1	4.0	32.4	-2.4	0.0	0.0	43.1	-3.3		
7.150		24.0	7.7	3.8	32.1	-4.3	0.0	0.0	42.7	-5.7		
7.200		21.5	6.9	3.4	29.5	-6.3	0.0	0.0	39.2	-8.4		
7.209		21.0	6.7	3.3	29.5	-6.2	0.0	0.0	39.2	-8.2		
7.250		19.0	6.1	3.0	24.9	-8.2	0.0	0.0	33.1	-10.9		
7.279		17.5	5.6	2.8	24.9	-7.4	0.0	0.0	33.1	-9.8		
7.300		16.4	5.3	2.6	22.5	-10.1	0.0	0.0	29.9	-13.5		
7.350		13.9	4.5	2.2	21.7	-12.3	0.0	0.0	28.9	-16.3		
7.365		13.6	4.3	2.1	25.1	-12.5	0.0	0.0	33.4	-16.6		
7.400		11.9	3.8	1.9	20.6	-9.1	0.0	0.0	27.4	-12.1		
7.450		9.4	3.0	1.5	17.9	-10.8	0.0	0.0	23.8	-14.4		
7.500		6.9	2.2	1.1	16.6	-12.8	0.0	0.0	22.0	-17.0		
7.522		5.8	1.8	0.9	16.6	-13.3	0.0	0.0	22.0	-17.7		
7.550		4.3	1.4	0.7	12.9	-15.0	0.0	0.0	17.2	-19.9		
7.600		1.8	0.6	0.3	10.3	-17.3	0.0	0.0	13.7	-23.0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-3 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)
7.636	0.0	0.0	0.0	10.3	-16.2	0.0	0.0	13.7	-21.5		
7.650	-0.7	-0.2	-0.1	9.6	-19.7	0.0	0.0	12.8	-26.2		
7.678	-2.1	-0.7	-0.3	15.5	-20.5	0.0	0.0	20.6	-27.3		
7.700	-2.7	-0.9	-0.4	11.1	-16.9	0.0	0.0	14.7	-22.5		
7.750	-5.2	-1.7	-0.8	11.5	-19.6	0.0	0.0	15.2	-26.1		
7.800	-7.7	-2.5	-1.2	9.0	-22.4	0.0	0.0	12.0	-29.8		
7.839	-9.7	-3.1	-1.5	6.9	-23.3	0.0	0.0	9.2	-31.0		
7.850	-10.3	-3.3	-1.6	4.7	-25.7	0.0	0.0	6.3	-34.1		
7.900	-12.8	-4.1	-2.0	4.3	-29.1	0.0	0.0	5.7	-38.7		
7.942	-14.9	-4.8	-2.3	4.3	-32.4	0.0	0.0	5.7	-43.1		
7.950	-15.3	-4.9	-2.4	4.3	-33.2	0.0	0.0	5.7	-44.1		
7.958	-15.7	-5.0	-2.5	4.2	-33.2	0.0	0.0	5.6	-44.2		
8.000	-18.0	-5.7	-2.8	4.2	-33.8	0.0	0.0	5.6	-44.9		
8.000	0.2	0.2	0.1	10.9	0.0	0.0	0.0	14.4	0.0		
8.375	0.1	0.1	0.0	7.6	0.0	0.0	0.0	10.1	0.0		
9.000	0.0	0.0	0.0	7.6	0.0	0.0	0.0	10.1	0.0		

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-4
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)
0.000	0.0	0.0	0.0	0.0	-14.0	0.0	0.0	0.0	-18.7		
0.625	-0.1	-0.1	0.0	0.0	-14.0	0.0	0.0	0.0	-18.7		
1.000	-0.2	-0.2	-0.1	0.0	-14.1	0.0	0.0	0.0	-18.7		
1.000	15.1	4.8	2.3	31.5	-4.9	0.0	0.0	41.9	-6.5		
1.000	15.1	4.7	2.3	30.5	-4.9	0.0	0.0	40.6	-6.5		
1.049	12.8	4.1	1.9	30.5	-4.9	0.0	0.0	40.6	-6.5		
1.050	12.7	4.1	1.9	29.9	-4.9	0.0	0.0	39.8	-6.5		
1.100	10.5	3.4	1.6	26.9	-4.9	0.0	0.0	35.8	-6.5		
1.109	10.1	3.2	1.5	26.9	-5.0	0.0	0.0	35.8	-6.6		
1.150	8.3	2.7	1.2	23.4	-6.7	0.0	0.0	31.1	-8.9		
1.169	7.5	2.4	1.1	23.4	-7.3	0.0	0.0	31.1	-9.7		
1.173	7.3	2.4	1.1	22.6	-7.3	0.0	0.0	30.1	-9.7		
1.188	6.7	2.1	1.0	22.3	-8.1	0.0	0.0	29.6	-10.7		
1.200	6.1	2.0	0.9	19.8	-8.2	0.0	0.0	26.4	-10.8		
1.250	3.9	1.3	0.6	17.4	-9.7	0.0	0.0	23.2	-13.0		
1.300	1.7	0.6	0.2	15.3	-12.3	0.0	0.0	20.3	-16.3		
1.346	-0.3	-0.1	-0.1	18.4	-15.2	0.0	0.0	24.5	-20.2		
1.350	0.1	-0.1	0.0	16.7	-10.9	0.0	0.0	22.1	-14.5		
1.353	0.0	-0.1	0.0	16.7	-10.1	0.0	0.0	22.1	-13.5		
1.400	-2.1	-0.8	-0.3	14.6	-12.3	0.0	0.0	19.5	-16.4		
1.450	-4.3	-1.4	-0.7	12.8	-14.1	0.0	0.0	17.0	-18.8		
1.500	-6.5	-2.1	-1.0	11.8	-16.3	0.0	0.0	15.6	-21.7		
1.525	-7.6	-2.5	-1.2	11.8	-17.6	0.0	0.0	15.6	-23.4		
1.550	-8.7	-2.8	-1.3	9.2	-18.5	0.0	0.0	12.3	-24.7		
1.600	-10.9	-3.5	-1.7	8.3	-20.9	0.0	0.0	11.0	-27.8		
1.650	-13.1	-4.2	-2.0	6.2	-23.4	0.0	0.0	8.2	-31.1		
1.692	-15.0	-4.8	-2.3	5.6	-26.1	0.0	0.0	7.5	-34.7		
1.700	-15.3	-4.9	-2.4	6.1	-26.1	0.0	0.0	8.1	-34.7		
1.703	-15.7	-5.0	-2.4	9.9	-26.3	0.0	0.0	13.1	-34.9		
1.750	-17.8	-5.7	-2.7	6.1	-27.4	0.0	0.0	8.1	-36.4		
1.800	-20.0	-6.4	-3.1	5.2	-30.1	0.0	0.0	6.9	-40.0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)
1.850	-22.2	-7.1	-3.4	2.7	-33.0	0.0	0.0	3.6	-43.8		
1.852	-22.2	-7.1	-3.4	2.7	-33.0	0.0	0.0	3.6	-43.8		
1.893	-24.1	-7.6	-3.7	1.8	-36.1	0.0	0.0	2.4	-48.0		
1.900	-24.4	-7.7	-3.8	2.0	-36.1	0.0	0.0	2.7	-48.0		
1.950	-26.7	-8.4	-4.1	2.2	-39.3	0.0	0.0	2.9	-52.3		
2.000	-29.0	-9.1	-4.4	2.2	-39.3	0.0	0.0	2.9	-52.3		
2.000	29.8	9.6	4.7	38.7	-4.6	0.0	0.0	51.4	-6.2		
2.021	28.4	9.2	4.5	38.7	-4.6	0.0	0.0	51.4	-6.2		
2.042	27.1	8.8	4.3	39.2	-4.6	0.0	0.0	52.2	-6.2		
2.050	26.6	8.5	4.2	38.3	-4.4	0.0	0.0	50.9	-5.8		
2.075	24.9	8.0	3.9	36.1	-4.3	0.0	0.0	48.0	-5.8		
2.100	23.4	7.5	3.7	34.9	-4.3	0.0	0.0	46.4	-5.8		
2.150	20.2	6.5	3.2	31.8	-5.0	0.0	0.0	42.2	-6.7		
2.167	19.1	6.2	3.0	31.1	-6.1	0.0	0.0	41.3	-8.2		
2.200	17.1	5.5	2.7	28.6	-6.1	0.0	0.0	38.0	-8.2		
2.202	17.0	5.5	2.7	28.6	-5.4	0.0	0.0	38.0	-7.2		
2.250	13.9	4.5	2.2	25.5	-7.7	0.0	0.0	33.9	-10.2		
2.292	12.1	3.8	1.8	26.7	-13.1	0.0	0.0	35.5	-17.4		
2.300	11.6	3.6	1.8	26.2	-8.2	0.0	0.0	34.8	-10.9		
2.350	8.4	2.6	1.3	22.9	-7.9	0.0	0.0	30.5	-10.5		
2.400	5.3	1.7	0.8	20.0	-9.9	0.0	0.0	26.6	-13.2		
2.417	4.2	1.3	0.6	19.3	-12.9	0.0	0.0	25.7	-17.1		
2.450	2.1	0.7	0.3	17.0	-14.9	0.0	0.0	22.6	-19.8		
2.484	0.0	0.0	0.0	13.8	-14.5	0.0	0.0	18.3	-19.3		
2.500	-1.0	-0.3	-0.2	14.2	-14.5	0.0	0.0	18.9	-19.3		
2.542	-3.7	-1.2	-0.6	16.3	-20.3	0.0	0.0	21.6	-27.0		
2.550	-3.7	-1.3	-0.6	16.3	-16.7	0.0	0.0	21.7	-22.2		
2.600	-6.8	-2.3	-1.1	13.7	-16.9	0.0	0.0	18.2	-22.5		
2.650	-10.0	-3.3	-1.6	11.4	-19.6	0.0	0.0	15.2	-26.1		
2.667	-11.1	-3.6	-1.8	10.7	-22.9	0.0	0.0	14.2	-30.5		
2.700	-13.1	-4.3	-2.1	9.1	-22.9	0.0	0.0	12.1	-30.5		
2.750	-16.3	-5.2	-2.6	7.0	-26.1	0.0	0.0	9.3	-34.7		
2.768	-17.4	-5.6	-2.8	5.1	-28.0	0.0	0.0	6.8	-37.2		
2.792	-19.4	-6.2	-3.0	8.8	-30.6	0.0	0.0	11.7	-40.7		
2.800	-19.8	-6.3	-3.1	8.4	-30.0	0.0	0.0	11.2	-39.9		
2.850	-23.0	-7.3	-3.6	6.1	-33.2	0.0	0.0	8.1	-44.2		
2.887	-25.3	-8.1	-4.0	3.8	-35.3	0.0	0.0	5.0	-46.9		
2.896	-25.9	-8.2	-4.0	3.8	-35.3	0.0	0.0	5.0	-46.9		
2.900	-26.2	-8.3	-4.1	4.1	-35.3	0.0	0.0	5.4	-46.9		
2.950	-29.6	-9.3	-4.6	2.7	-37.7	0.0	0.0	3.6	-50.1		
3.000	-33.0	-10.3	-5.0	2.7	-41.9	0.0	0.0	3.5	-55.7		
3.000	31.8	10.1	4.9	39.1	-4.6	0.0	0.0	52.0	-6.2		
3.021	30.3	9.6	4.7	39.1	-4.6	0.0	0.0	52.0	-6.2		
3.042	28.9	9.2	4.5	39.2	-4.6	0.0	0.0	52.1	-6.2		
3.050	28.3	8.9	4.4	38.2	-4.4	0.0	0.0	50.8	-5.8		
3.100	24.9	7.9	3.9	34.9	-4.3	0.0	0.0	46.4	-5.8		
3.112	24.0	7.7	3.8	33.4	-4.3	0.0	0.0	44.5	-5.7		
3.150	21.6	7.0	3.4	31.7	-5.0	0.0	0.0	42.2	-6.6		
3.167	20.6	6.6	3.2	31.0	-6.0	0.0	0.0	41.3	-8.0		
3.200	18.5	6.0	2.9	28.6	-6.0	0.0	0.0	38.0	-8.0		
3.248	15.5	5.0	2.5	25.1	-7.7	0.0	0.0	33.4	-10.2		
3.250	15.4	5.0	2.4	25.4	-7.7	0.0	0.0	33.8	-10.2		
3.292	13.4	4.2	2.1	26.6	-13.0	0.0	0.0	35.4	-17.2		
3.300	12.9	4.1	2.0	26.1	-8.2	0.0	0.0	34.7	-10.9		
3.350	9.8	3.1	1.5	22.8	-7.9	0.0	0.0	30.4	-10.5		
3.400	6.6	2.1	1.0	20.0	-9.9	0.0	0.0	26.6	-13.2		
3.417	5.6	1.7	0.9	19.3	-12.9	0.0	0.0	25.6	-17.2		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
3.450	3.5	1.1	0.5	16.9	-12.9	0.0	0.0	22.5	-17.2		
3.500	0.4	0.1	0.1	14.1	-15.4	0.0	0.0	18.8	-20.4		
3.506	0.0	0.0	0.0	14.1	-14.1	0.0	0.0	18.8	-18.7		
3.542	-2.3	-0.7	-0.4	16.2	-20.3	0.0	0.0	21.6	-27.0		
3.550	-2.3	-0.8	-0.4	16.3	-16.7	0.0	0.0	21.6	-22.3		
3.600	-5.5	-1.8	-0.9	13.7	-17.1	0.0	0.0	18.2	-22.7		
3.650	-8.6	-2.8	-1.4	11.4	-19.6	0.0	0.0	15.1	-26.1		
3.667	-9.7	-3.2	-1.5	10.7	-23.0	0.0	0.0	14.2	-30.6		
3.700	-11.8	-3.8	-1.9	9.1	-23.0	0.0	0.0	12.1	-30.5		
3.750	-14.9	-4.8	-2.4	7.2	-26.1	0.0	0.0	9.6	-34.7		
3.768	-16.0	-5.1	-2.5	5.6	-28.1	0.0	0.0	7.5	-37.3		
3.792	-18.0	-5.7	-2.8	9.1	-30.6	0.0	0.0	12.2	-40.8		
3.800	-18.5	-5.9	-2.9	8.8	-30.0	0.0	0.0	11.7	-39.9		
3.850	-21.6	-6.9	-3.4	6.7	-33.3	0.0	0.0	9.0	-44.3		
3.887	-24.0	-7.6	-3.7	4.4	-35.3	0.0	0.0	5.9	-47.0		
3.896	-24.6	-7.8	-3.8	4.4	-35.3	0.0	0.0	5.9	-47.0		
3.900	-24.8	-7.9	-3.9	4.7	-35.3	0.0	0.0	6.3	-47.0		
3.950	-28.2	-8.8	-4.3	4.2	-37.8	0.0	0.0	5.6	-50.2		
4.000	-31.7	-9.8	-4.8	4.2	-41.9	0.0	0.0	5.5	-55.8		
4.000	31.3	9.9	4.9	39.1	-4.6	0.0	0.0	52.0	-6.2		
4.021	29.9	9.5	4.7	39.1	-4.6	0.0	0.0	52.0	-6.2		
4.042	28.5	9.1	4.5	39.2	-4.6	0.0	0.0	52.1	-6.2		
4.050	27.9	8.8	4.3	38.2	-4.4	0.0	0.0	50.8	-5.8		
4.100	24.5	7.8	3.8	34.9	-4.3	0.0	0.0	46.4	-5.8		
4.112	23.6	7.6	3.7	33.4	-4.3	0.0	0.0	44.4	-5.7		
4.150	21.2	6.8	3.3	31.7	-5.0	0.0	0.0	42.2	-6.6		
4.167	20.2	6.5	3.2	31.0	-6.0	0.0	0.0	41.3	-8.0		
4.200	18.1	5.8	2.9	28.5	-7.5	0.0	0.0	37.9	-10.0		
4.234	15.9	5.2	2.5	25.1	-7.7	0.0	0.0	33.4	-10.2		
4.250	15.0	4.8	2.4	25.4	-7.7	0.0	0.0	33.8	-10.2		
4.292	13.0	4.1	2.0	26.6	-13.0	0.0	0.0	35.4	-17.2		
4.300	12.5	3.9	1.9	26.1	-8.2	0.0	0.0	34.7	-10.9		
4.350	9.4	2.9	1.4	22.8	-7.9	0.0	0.0	30.4	-10.5		
4.400	6.3	2.0	1.0	20.0	-9.9	0.0	0.0	26.5	-13.2		
4.417	5.2	1.6	0.8	19.3	-12.9	0.0	0.0	25.6	-17.2		
4.450	3.1	1.0	0.5	17.0	-12.9	0.0	0.0	22.5	-17.2		
4.499	0.0	0.0	0.0	13.7	-14.7	0.0	0.0	18.3	-19.6		
4.500	0.0	0.0	0.0	14.1	-14.7	0.0	0.0	18.8	-19.6		
4.542	-2.7	-0.9	-0.4	16.2	-20.3	0.0	0.0	21.6	-27.0		
4.550	-2.7	-1.0	-0.5	16.3	-16.7	0.0	0.0	21.6	-22.3		
4.600	-5.9	-2.0	-1.0	13.7	-17.1	0.0	0.0	18.2	-22.7		
4.650	-9.0	-3.0	-1.4	11.4	-19.7	0.0	0.0	15.1	-26.2		
4.667	-10.1	-3.3	-1.6	10.7	-23.0	0.0	0.0	14.2	-30.6		
4.700	-12.2	-3.9	-1.9	9.1	-23.0	0.0	0.0	12.1	-30.6		
4.750	-15.3	-4.9	-2.4	7.3	-26.2	0.0	0.0	9.7	-34.8		
4.768	-16.5	-5.3	-2.6	5.6	-28.1	0.0	0.0	7.5	-37.4		
4.792	-18.4	-5.9	-2.9	9.2	-30.7	0.0	0.0	12.2	-40.8		
4.800	-18.9	-6.0	-3.0	8.8	-30.0	0.0	0.0	11.8	-39.9		
4.850	-22.0	-7.0	-3.4	6.8	-33.3	0.0	0.0	9.0	-44.3		
4.887	-24.4	-7.7	-3.8	4.5	-35.4	0.0	0.0	5.9	-47.0		
4.896	-25.0	-7.9	-3.9	4.5	-35.4	0.0	0.0	5.9	-47.0		
4.900	-25.2	-8.0	-3.9	4.7	-35.4	0.0	0.0	6.3	-47.0		
4.950	-28.6	-9.0	-4.4	4.2	-37.8	0.0	0.0	5.6	-50.2		
5.000	-32.1	-9.9	-4.9	4.2	-41.9	0.0	0.0	5.6	-55.8		
5.000	31.4	10.0	4.9	39.1	-4.6	0.0	0.0	52.0	-6.2		
5.021	30.0	9.5	4.7	39.1	-4.6	0.0	0.0	52.0	-6.2		
5.042	28.5	9.1	4.5	39.2	-4.6	0.0	0.0	52.1	-6.2		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-4 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
5.050		28.0	8.8	4.3	38.2	-4.4	0.0	0.0	50.8	-5.8		
5.100		24.6	7.8	3.9	34.9	-4.3	0.0	0.0	46.4	-5.8		
5.112		23.7	7.6	3.7	33.4	-4.3	0.0	0.0	44.4	-5.7		
5.150		21.3	6.9	3.4	31.7	-4.9	0.0	0.0	42.2	-6.6		
5.167		20.3	6.5	3.2	31.0	-6.0	0.0	0.0	41.2	-8.0		
5.200		18.2	5.9	2.9	28.5	-7.9	0.0	0.0	37.9	-10.5		
5.238		15.8	5.1	2.5	25.1	-7.7	0.0	0.0	33.4	-10.2		
5.250		15.0	4.9	2.4	25.4	-7.7	0.0	0.0	33.8	-10.2		
5.292		13.1	4.1	2.0	26.6	-13.0	0.0	0.0	35.4	-17.2		
5.300		12.6	4.0	1.9	26.1	-8.2	0.0	0.0	34.7	-10.9		
5.350		9.5	3.0	1.5	22.8	-7.9	0.0	0.0	30.3	-10.5		
5.400		6.3	2.0	1.0	19.9	-9.9	0.0	0.0	26.5	-13.2		
5.417		5.3	1.6	0.8	19.3	-12.9	0.0	0.0	25.6	-17.2		
5.450		3.2	1.0	0.5	16.9	-12.9	0.0	0.0	22.5	-17.2		
5.500		0.1	0.0	0.0	14.1	-14.9	0.0	0.0	18.8	-19.8		
5.501		0.0	0.0	0.0	14.1	-13.7	0.0	0.0	18.8	-18.2		
5.542		-2.6	-0.8	-0.4	16.2	-20.3	0.0	0.0	21.6	-27.0		
5.550		-2.6	-0.9	-0.5	16.3	-16.7	0.0	0.0	21.6	-22.3		
5.600		-5.8	-1.9	-0.9	13.7	-17.1	0.0	0.0	18.2	-22.7		
5.650		-8.9	-2.9	-1.4	11.4	-19.7	0.0	0.0	15.1	-26.2		
5.667		-10.0	-3.3	-1.6	10.7	-23.0	0.0	0.0	14.2	-30.6		
5.700		-12.1	-3.9	-1.9	9.1	-23.0	0.0	0.0	12.1	-30.6		
5.750		-15.2	-4.9	-2.4	7.3	-26.1	0.0	0.0	9.7	-34.7		
5.767		-16.3	-5.2	-2.6	5.6	-28.1	0.0	0.0	7.5	-37.4		
5.792		-18.3	-5.8	-2.9	9.2	-30.7	0.0	0.0	12.2	-40.8		
5.800		-18.8	-6.0	-2.9	8.8	-30.0	0.0	0.0	11.8	-39.9		
5.850		-21.9	-7.0	-3.4	6.8	-33.3	0.0	0.0	9.0	-44.3		
5.888		-24.3	-7.7	-3.8	4.5	-35.3	0.0	0.0	5.9	-47.0		
5.896		-24.9	-7.9	-3.9	4.5	-35.3	0.0	0.0	5.9	-47.0		
5.900		-25.1	-8.0	-3.9	4.7	-35.3	0.0	0.0	6.3	-47.0		
5.950		-28.5	-8.9	-4.4	4.2	-37.8	0.0	0.0	5.6	-50.2		
6.000		-32.0	-9.9	-4.9	4.2	-42.0	0.0	0.0	5.6	-55.8		
6.000		31.5	10.0	4.9	39.1	-4.0	0.0	0.0	52.0	-5.3		
6.021		30.1	9.6	4.7	39.1	-4.0	0.0	0.0	52.0	-5.3		
6.042		28.6	9.1	4.5	39.1	-4.0	0.0	0.0	52.1	-5.3		
6.050		28.0	8.9	4.3	38.2	-3.7	0.0	0.0	50.8	-4.9		
6.100		24.6	7.9	3.9	34.8	-3.7	0.0	0.0	46.3	-4.9		
6.112		23.8	7.6	3.7	33.4	-3.9	0.0	0.0	44.4	-5.3		
6.150		21.4	6.9	3.4	31.7	-4.8	0.0	0.0	42.2	-6.3		
6.167		20.3	6.5	3.2	31.0	-5.9	0.0	0.0	41.2	-7.8		
6.200		18.3	5.9	2.9	28.5	-7.8	0.0	0.0	37.9	-10.3		
6.237		15.9	5.2	2.5	25.1	-7.7	0.0	0.0	33.3	-10.2		
6.250		15.1	4.9	2.4	25.4	-7.7	0.0	0.0	33.8	-10.2		
6.292		13.2	4.1	2.0	26.6	-13.0	0.0	0.0	35.4	-17.3		
6.300		12.7	4.0	2.0	26.1	-8.2	0.0	0.0	34.6	-10.9		
6.350		9.6	3.0	1.5	22.8	-7.9	0.0	0.0	30.3	-10.5		
6.400		6.4	2.0	1.0	19.9	-9.9	0.0	0.0	26.5	-13.2		
6.417		5.3	1.7	0.8	19.2	-12.9	0.0	0.0	25.6	-17.2		
6.450		3.3	1.0	0.5	16.9	-12.9	0.0	0.0	22.5	-17.2		
6.500		0.1	0.0	0.0	14.1	-15.0	0.0	0.0	18.7	-20.0		
6.502		0.0	0.0	0.0	14.1	-13.8	0.0	0.0	18.7	-18.3		
6.542		-2.5	-0.8	-0.4	16.2	-20.3	0.0	0.0	21.6	-27.1		
6.550		-2.6	-0.9	-0.5	16.3	-16.8	0.0	0.0	21.6	-22.3		
6.600		-5.7	-1.9	-0.9	13.7	-17.1	0.0	0.0	18.2	-22.7		
6.650		-8.9	-2.9	-1.4	11.4	-19.7	0.0	0.0	15.2	-26.2		
6.667		-10.0	-3.2	-1.6	10.7	-23.0	0.0	0.0	14.3	-30.6		
6.700		-12.0	-3.9	-1.9	9.1	-23.0	0.0	0.0	12.1	-30.6		
6.750		-15.2	-4.9	-2.4	7.2	-26.4	0.0	0.0	9.6	-35.1		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-4 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.771	-16.5	-5.3	-2.6	5.7	-28.1	0.0	0.0	7.5	-37.4		
6.792	-18.2	-5.8	-2.9	9.2	-30.7	0.0	0.0	12.2	-40.8		
6.800	-18.7	-6.0	-2.9	8.8	-30.0	0.0	0.0	11.7	-39.9		
6.850	-21.8	-6.9	-3.4	6.8	-30.6	0.0	0.0	9.0	-40.7		
6.896	-24.7	-7.9	-3.9	4.5	-35.4	0.0	0.0	5.9	-47.1		
6.900	-25.0	-7.9	-3.9	4.8	-35.4	0.0	0.0	6.3	-47.1		
6.950	-28.4	-8.9	-4.4	4.3	-37.7	0.0	0.0	5.7	-50.2		
7.000	-31.8	-9.9	-4.9	4.2	-41.9	0.0	0.0	5.6	-55.7		
7.000	32.0	10.2	5.0	38.6	-1.4	0.0	0.0	51.4	-1.9		
7.026	30.5	9.8	4.8	38.6	-1.4	0.0	0.0	51.4	-1.9		
7.050	29.3	9.4	4.6	38.7	-2.3	0.0	0.0	51.4	-3.0		
7.053	29.2	9.3	4.6	39.0	-2.4	0.0	0.0	51.8	-3.3		
7.100	26.6	8.5	4.2	35.9	-2.8	0.0	0.0	47.8	-3.7		
7.125	25.3	8.1	4.0	33.3	-2.7	0.0	0.0	44.3	-3.6		
7.150	24.0	7.7	3.8	33.1	-4.5	0.0	0.0	44.0	-5.9		
7.200	21.5	6.9	3.4	30.4	-6.0	0.0	0.0	40.4	-7.9		
7.209	21.0	6.7	3.3	30.4	-5.8	0.0	0.0	40.4	-7.8		
7.250	19.0	6.1	3.0	25.3	-7.9	0.0	0.0	33.7	-10.5		
7.279	17.5	5.6	2.8	25.3	-7.1	0.0	0.0	33.7	-9.4		
7.300	16.4	5.3	2.6	22.7	-10.1	0.0	0.0	30.3	-13.4		
7.350	13.9	4.5	2.2	21.9	-12.2	0.0	0.0	29.2	-16.3		
7.365	13.6	4.3	2.1	25.5	-12.4	0.0	0.0	33.9	-16.5		
7.400	11.9	3.8	1.9	20.7	-9.1	0.0	0.0	27.6	-12.1		
7.450	9.4	3.0	1.5	17.9	-10.9	0.0	0.0	23.9	-14.5		
7.500	6.9	2.2	1.1	16.7	-12.9	0.0	0.0	22.2	-17.1		
7.522	5.8	1.8	0.9	16.7	-13.4	0.0	0.0	22.2	-17.8		
7.550	4.3	1.4	0.7	13.1	-15.0	0.0	0.0	17.4	-20.0		
7.600	1.8	0.6	0.3	10.4	-17.4	0.0	0.0	13.9	-23.2		
7.636	0.0	0.0	0.0	10.4	-16.3	0.0	0.0	13.9	-21.7		
7.650	-0.7	-0.2	-0.1	9.7	-19.9	0.0	0.0	12.9	-26.5		
7.678	-2.1	-0.7	-0.3	15.6	-20.9	0.0	0.0	20.7	-27.8		
7.700	-2.7	-0.9	-0.4	10.8	-17.2	0.0	0.0	14.3	-22.8		
7.750	-5.2	-1.7	-0.8	10.8	-20.0	0.0	0.0	14.3	-26.5		
7.800	-7.7	-2.5	-1.2	8.5	-22.8	0.0	0.0	11.3	-30.4		
7.839	-9.7	-3.1	-1.5	7.0	-23.7	0.0	0.0	9.4	-31.5		
7.850	-10.3	-3.3	-1.6	5.1	-26.1	0.0	0.0	6.8	-34.7		
7.900	-12.8	-4.1	-2.0	4.2	-29.6	0.0	0.0	5.6	-39.4		
7.942	-14.9	-4.8	-2.3	4.2	-33.1	0.0	0.0	5.6	-44.0		
7.950	-15.3	-4.9	-2.4	4.2	-33.9	0.0	0.0	5.6	-45.1		
7.958	-15.7	-5.0	-2.5	4.2	-34.1	0.0	0.0	5.6	-45.4		
8.000	-18.0	-5.7	-2.8	4.2	-34.3	0.0	0.0	5.6	-45.6		
8.000	0.2	0.2	0.1	14.0	0.0	0.0	0.0	18.6	0.0		
8.375	0.1	0.1	0.0	11.0	0.0	0.0	0.0	14.6	0.0		
9.000	0.0	0.0	0.0	11.0	0.0	0.0	0.0	14.6	0.0		

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-5
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.0	-12.8	0.0	0.0	0.0	-17.0		
0.625	-0.1	-0.1	0.0	0.0	-12.8	0.0	0.0	0.0	-17.0		
1.000	-0.2	-0.2	-0.1	0.0	-12.8	0.0	0.0	0.0	-17.0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
1.000	15.1	4.8	2.3	30.6	-4.9	0.0	0.0	40.6	-6.5		
1.000	15.1	4.7	2.3	30.0	-4.9	0.0	0.0	39.8	-6.5		
1.049	12.8	4.1	1.9	29.9	-4.9	0.0	0.0	39.8	-6.5		
1.050	12.7	4.1	1.9	29.3	-4.9	0.0	0.0	39.0	-6.5		
1.100	10.5	3.4	1.6	26.4	-4.8	0.0	0.0	35.1	-6.4		
1.109	10.1	3.2	1.5	26.4	-5.6	0.0	0.0	35.1	-7.4		
1.150	8.3	2.7	1.2	23.2	-7.6	0.0	0.0	30.9	-10.1		
1.169	7.5	2.4	1.1	23.2	-8.4	0.0	0.0	30.9	-11.1		
1.173	7.3	2.4	1.1	22.5	-8.4	0.0	0.0	30.0	-11.1		
1.188	6.7	2.1	1.0	22.1	-9.4	0.0	0.0	29.4	-12.5		
1.200	6.1	2.0	0.9	19.7	-9.5	0.0	0.0	26.2	-12.6		
1.250	3.9	1.3	0.6	17.5	-11.4	0.0	0.0	23.2	-15.1		
1.300	1.7	0.6	0.2	15.3	-13.5	0.0	0.0	20.4	-18.0		
1.346	-0.3	-0.1	-0.1	18.2	-15.9	0.0	0.0	24.2	-21.1		
1.350	0.1	-0.1	0.0	16.6	-11.6	0.0	0.0	22.1	-15.5		
1.353	0.0	-0.1	0.0	16.6	-10.7	0.0	0.0	22.1	-14.2		
1.400	-2.1	-0.8	-0.3	14.7	-12.9	0.0	0.0	19.6	-17.1		
1.450	-4.3	-1.4	-0.7	12.9	-14.4	0.0	0.0	17.2	-19.2		
1.500	-6.5	-2.1	-1.0	11.9	-16.3	0.0	0.0	15.9	-21.7		
1.525	-7.6	-2.5	-1.2	11.9	-17.6	0.0	0.0	15.9	-23.4		
1.550	-8.7	-2.8	-1.3	9.6	-18.5	0.0	0.0	12.8	-24.6		
1.600	-10.9	-3.5	-1.7	8.8	-20.8	0.0	0.0	11.7	-27.6		
1.650	-13.1	-4.2	-2.0	6.7	-23.1	0.0	0.0	9.0	-30.7		
1.692	-15.0	-4.8	-2.3	6.2	-25.5	0.0	0.0	8.3	-33.9		
1.700	-15.3	-4.9	-2.4	6.7	-25.5	0.0	0.0	8.9	-33.9		
1.703	-15.7	-5.0	-2.4	10.9	-25.6	0.0	0.0	14.6	-34.0		
1.750	-17.8	-5.7	-2.7	7.1	-26.8	0.0	0.0	9.4	-35.7		
1.800	-20.0	-6.4	-3.1	6.0	-29.5	0.0	0.0	8.0	-39.2		
1.850	-22.2	-7.1	-3.4	3.1	-32.3	0.0	0.0	4.1	-43.0		
1.852	-22.2	-7.1	-3.4	3.1	-32.3	0.0	0.0	4.1	-42.9		
1.893	-24.1	-7.6	-3.7	1.8	-35.4	0.0	0.0	2.5	-47.1		
1.900	-24.4	-7.7	-3.8	2.0	-35.4	0.0	0.0	2.7	-47.1		
1.950	-26.7	-8.4	-4.1	2.2	-38.6	0.0	0.0	2.9	-51.4		
2.000	-29.0	-9.1	-4.4	2.2	-38.6	0.0	0.0	2.9	-51.4		
2.000	29.8	9.6	4.7	37.3	-4.6	0.0	0.0	49.5	-6.1		
2.021	28.4	9.2	4.5	37.3	-4.6	0.0	0.0	49.5	-6.1		
2.042	27.1	8.8	4.3	37.9	-4.6	0.0	0.0	50.4	-6.1		
2.050	26.6	8.5	4.2	37.0	-4.3	0.0	0.0	49.2	-5.8		
2.075	24.9	8.0	3.9	34.9	-4.3	0.0	0.0	46.5	-5.7		
2.100	23.4	7.5	3.7	33.6	-4.3	0.0	0.0	44.7	-5.7		
2.150	20.2	6.5	3.2	30.5	-5.6	0.0	0.0	40.6	-7.5		
2.167	19.1	6.2	3.0	29.9	-7.0	0.0	0.0	39.7	-9.3		
2.200	17.1	5.5	2.7	27.6	-7.0	0.0	0.0	36.8	-9.3		
2.202	17.0	5.5	2.7	27.6	-6.1	0.0	0.0	36.8	-8.2		
2.250	13.9	4.5	2.2	24.7	-8.6	0.0	0.0	32.8	-11.5		
2.292	12.1	3.8	1.8	25.9	-13.6	0.0	0.0	34.4	-18.1		
2.300	11.6	3.6	1.8	25.4	-8.7	0.0	0.0	33.7	-11.5		
2.350	8.4	2.6	1.3	22.5	-8.3	0.0	0.0	29.9	-11.1		
2.400	5.3	1.7	0.8	19.6	-10.2	0.0	0.0	26.1	-13.5		
2.417	4.2	1.3	0.6	19.0	-13.0	0.0	0.0	25.3	-17.3		
2.450	2.1	0.7	0.3	16.9	-15.0	0.0	0.0	22.5	-20.0		
2.484	0.0	0.0	0.0	13.8	-14.6	0.0	0.0	18.4	-19.4		
2.500	-1.0	-0.3	-0.2	14.2	-14.6	0.0	0.0	18.9	-19.4		
2.542	-3.7	-1.2	-0.6	16.0	-20.0	0.0	0.0	21.3	-26.5		
2.550	-3.7	-1.3	-0.6	16.2	-16.4	0.0	0.0	21.5	-21.9		
2.600	-6.8	-2.3	-1.1	13.8	-16.8	0.0	0.0	18.4	-22.3		
2.650	-10.0	-3.3	-1.6	11.6	-19.2	0.0	0.0	15.4	-25.5		
2.667	-11.1	-3.6	-1.8	10.9	-22.4	0.0	0.0	14.5	-29.8		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-5 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.700	-13.1	-4.3	-2.1	9.4	-22.4	0.0	0.0	12.6	-29.8		
2.750	-16.3	-5.2	-2.6	7.5	-25.4	0.0	0.0	10.0	-33.7		
2.768	-17.4	-5.6	-2.8	5.6	-26.9	0.0	0.0	7.5	-35.8		
2.792	-19.4	-6.2	-3.0	9.8	-29.3	0.0	0.0	13.0	-38.9		
2.800	-19.8	-6.3	-3.1	9.6	-29.0	0.0	0.0	12.7	-38.6		
2.850	-23.0	-7.3	-3.6	6.9	-32.2	0.0	0.0	9.2	-42.9		
2.887	-25.3	-8.1	-4.0	4.2	-34.3	0.0	0.0	5.6	-45.6		
2.896	-25.9	-8.2	-4.0	4.2	-34.3	0.0	0.0	5.6	-45.6		
2.900	-26.2	-8.3	-4.1	4.5	-34.3	0.0	0.0	6.0	-45.6		
2.950	-29.6	-9.3	-4.6	2.7	-36.8	0.0	0.0	3.5	-49.0		
3.000	-33.0	-10.3	-5.0	2.6	-40.9	0.0	0.0	3.5	-54.5		
3.000	31.8	10.1	4.9	37.6	-4.6	0.0	0.0	50.0	-6.1		
3.021	30.3	9.6	4.7	37.6	-4.6	0.0	0.0	50.0	-6.1		
3.042	28.9	9.2	4.5	37.8	-4.6	0.0	0.0	50.3	-6.1		
3.050	28.3	8.9	4.4	36.8	-4.3	0.0	0.0	49.0	-5.8		
3.100	24.9	7.9	3.9	33.5	-4.3	0.0	0.0	44.6	-5.7		
3.112	24.0	7.7	3.8	32.1	-4.6	0.0	0.0	42.7	-6.2		
3.150	21.6	7.0	3.4	30.5	-5.6	0.0	0.0	40.6	-7.4		
3.167	20.6	6.6	3.2	29.9	-6.9	0.0	0.0	39.7	-9.1		
3.200	18.5	6.0	2.9	27.7	-6.9	0.0	0.0	36.8	-9.1		
3.248	15.5	5.0	2.5	24.4	-8.6	0.0	0.0	32.4	-11.4		
3.250	15.4	5.0	2.4	24.6	-8.6	0.0	0.0	32.8	-11.4		
3.292	13.4	4.2	2.1	25.8	-13.5	0.0	0.0	34.4	-18.0		
3.300	12.9	4.1	2.0	25.3	-8.6	0.0	0.0	33.7	-11.5		
3.350	9.8	3.1	1.5	22.4	-8.3	0.0	0.0	29.8	-11.1		
3.400	6.6	2.1	1.0	19.6	-10.2	0.0	0.0	26.1	-13.5		
3.417	5.6	1.7	0.9	19.0	-13.1	0.0	0.0	25.2	-17.4		
3.450	3.5	1.1	0.5	16.8	-13.1	0.0	0.0	22.4	-17.4		
3.500	0.4	0.1	0.1	14.2	-15.4	0.0	0.0	18.8	-20.5		
3.506	0.0	0.0	0.0	14.2	-14.1	0.0	0.0	18.8	-18.8		
3.542	-2.3	-0.7	-0.4	16.0	-20.0	0.0	0.0	21.3	-26.6		
3.550	-2.3	-0.8	-0.4	16.2	-16.5	0.0	0.0	21.5	-21.9		
3.600	-5.5	-1.8	-0.9	13.8	-16.8	0.0	0.0	18.4	-22.3		
3.650	-8.6	-2.8	-1.4	11.6	-19.3	0.0	0.0	15.4	-25.6		
3.667	-9.7	-3.2	-1.5	10.9	-22.4	0.0	0.0	14.5	-29.8		
3.700	-11.8	-3.8	-1.9	9.4	-22.4	0.0	0.0	12.6	-29.8		
3.750	-14.9	-4.8	-2.4	7.7	-25.4	0.0	0.0	10.2	-33.7		
3.768	-16.0	-5.1	-2.5	6.1	-26.9	0.0	0.0	8.0	-35.8		
3.792	-18.0	-5.7	-2.8	9.9	-29.3	0.0	0.0	13.2	-39.0		
3.800	-18.5	-5.9	-2.9	9.7	-29.1	0.0	0.0	12.9	-38.7		
3.850	-21.6	-6.9	-3.4	7.5	-32.3	0.0	0.0	10.0	-43.0		
3.887	-24.0	-7.6	-3.7	4.9	-34.3	0.0	0.0	6.5	-45.7		
3.896	-24.6	-7.8	-3.8	4.9	-34.3	0.0	0.0	6.5	-45.7		
3.900	-24.8	-7.9	-3.9	5.2	-34.3	0.0	0.0	6.9	-45.7		
3.950	-28.2	-8.8	-4.3	4.2	-36.9	0.0	0.0	5.5	-49.0		
4.000	-31.7	-9.8	-4.8	4.1	-41.0	0.0	0.0	5.5	-54.5		
4.000	31.3	9.9	4.9	37.6	-4.6	0.0	0.0	50.0	-6.1		
4.021	29.9	9.5	4.7	37.6	-4.6	0.0	0.0	50.0	-6.1		
4.042	28.5	9.1	4.5	37.8	-4.6	0.0	0.0	50.3	-6.1		
4.050	27.9	8.8	4.3	36.8	-4.3	0.0	0.0	49.0	-5.8		
4.100	24.5	7.8	3.8	33.5	-4.3	0.0	0.0	44.6	-5.7		
4.112	23.6	7.6	3.7	32.1	-4.6	0.0	0.0	42.7	-6.2		
4.150	21.2	6.8	3.3	30.5	-5.6	0.0	0.0	40.5	-7.4		
4.167	20.2	6.5	3.2	29.8	-6.9	0.0	0.0	39.7	-9.1		
4.200	18.1	5.8	2.9	27.6	-8.5	0.0	0.0	36.7	-11.4		
4.234	15.9	5.2	2.5	24.4	-8.6	0.0	0.0	32.4	-11.4		
4.250	15.0	4.8	2.4	24.6	-8.6	0.0	0.0	32.7	-11.4		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.292		13.0	4.1	2.0	25.8	-13.5	0.0	0.0	34.3	-18.0		
4.300		12.5	3.9	1.9	25.3	-8.7	0.0	0.0	33.6	-11.5		
4.350		9.4	2.9	1.4	22.4	-8.4	0.0	0.0	29.8	-11.1		
4.400		6.3	2.0	1.0	19.6	-10.2	0.0	0.0	26.0	-13.5		
4.417		5.2	1.6	0.8	18.9	-13.1	0.0	0.0	25.2	-17.4		
4.450		3.1	1.0	0.5	16.8	-13.1	0.0	0.0	22.4	-17.4		
4.499		0.0	0.0	0.0	13.8	-14.8	0.0	0.0	18.3	-19.7		
4.500		0.0	0.0	0.0	14.2	-14.8	0.0	0.0	18.8	-19.7		
4.542		-2.7	-0.9	-0.4	16.0	-20.0	0.0	0.0	21.3	-26.6		
4.550		-2.7	-1.0	-0.5	16.2	-16.5	0.0	0.0	21.5	-21.9		
4.600		-5.9	-2.0	-1.0	13.8	-16.8	0.0	0.0	18.4	-22.4		
4.650		-9.0	-3.0	-1.4	11.6	-19.3	0.0	0.0	15.4	-25.6		
4.667		-10.1	-3.3	-1.6	10.9	-22.4	0.0	0.0	14.5	-29.9		
4.700		-12.2	-3.9	-1.9	9.4	-22.4	0.0	0.0	12.6	-29.9		
4.750		-15.3	-4.9	-2.4	7.7	-25.4	0.0	0.0	10.2	-33.8		
4.768		-16.5	-5.3	-2.6	6.1	-27.0	0.0	0.0	8.1	-35.9		
4.792		-18.4	-5.9	-2.9	9.9	-29.3	0.0	0.0	13.2	-39.0		
4.800		-18.9	-6.0	-3.0	9.7	-29.1	0.0	0.0	13.0	-38.7		
4.850		-22.0	-7.0	-3.4	7.6	-32.3	0.0	0.0	10.0	-43.0		
4.887		-24.4	-7.7	-3.8	4.9	-34.3	0.0	0.0	6.5	-45.7		
4.896		-25.0	-7.9	-3.9	4.9	-34.3	0.0	0.0	6.5	-45.7		
4.900		-25.2	-8.0	-3.9	5.2	-34.3	0.0	0.0	6.9	-45.7		
4.950		-28.6	-9.0	-4.4	4.2	-36.9	0.0	0.0	5.6	-49.1		
5.000		-32.1	-9.9	-4.9	4.1	-41.0	0.0	0.0	5.5	-54.5		
5.000		31.4	10.0	4.9	37.6	-4.6	0.0	0.0	50.0	-6.1		
5.021		30.0	9.5	4.7	37.6	-4.6	0.0	0.0	50.0	-6.1		
5.042		28.5	9.1	4.5	37.8	-4.6	0.0	0.0	50.3	-6.1		
5.050		28.0	8.8	4.3	36.8	-4.3	0.0	0.0	49.0	-5.8		
5.100		24.6	7.8	3.9	33.5	-4.3	0.0	0.0	44.6	-5.7		
5.112		23.7	7.6	3.7	32.1	-4.6	0.0	0.0	42.7	-6.2		
5.150		21.3	6.9	3.4	30.5	-5.6	0.0	0.0	40.5	-7.4		
5.167		20.3	6.5	3.2	29.8	-6.9	0.0	0.0	39.7	-9.1		
5.200		18.2	5.9	2.9	27.6	-8.9	0.0	0.0	36.7	-11.8		
5.238		15.8	5.1	2.5	24.4	-8.6	0.0	0.0	32.4	-11.4		
5.250		15.0	4.9	2.4	24.6	-8.6	0.0	0.0	32.7	-11.4		
5.292		13.1	4.1	2.0	25.8	-13.5	0.0	0.0	34.3	-18.0		
5.300		12.6	4.0	1.9	25.3	-8.7	0.0	0.0	33.6	-11.5		
5.350		9.5	3.0	1.5	22.4	-8.3	0.0	0.0	29.8	-11.1		
5.400		6.3	2.0	1.0	19.6	-10.2	0.0	0.0	26.0	-13.5		
5.417		5.3	1.6	0.8	18.9	-13.1	0.0	0.0	25.2	-17.4		
5.450		3.2	1.0	0.5	16.8	-13.1	0.0	0.0	22.4	-17.4		
5.500		0.1	0.0	0.0	14.2	-15.0	0.0	0.0	18.8	-19.9		
5.501		0.0	0.0	0.0	14.2	-13.7	0.0	0.0	18.8	-18.2		
5.542		-2.6	-0.8	-0.4	16.0	-20.0	0.0	0.0	21.3	-26.6		
5.550		-2.6	-0.9	-0.5	16.2	-16.5	0.0	0.0	21.5	-22.0		
5.600		-5.8	-1.9	-0.9	13.8	-16.8	0.0	0.0	18.4	-22.4		
5.650		-8.9	-2.9	-1.4	11.6	-19.3	0.0	0.0	15.4	-25.6		
5.667		-10.0	-3.3	-1.6	10.9	-22.4	0.0	0.0	14.5	-29.9		
5.700		-12.1	-3.9	-1.9	9.4	-22.4	0.0	0.0	12.5	-29.9		
5.750		-15.2	-4.9	-2.4	7.7	-25.3	0.0	0.0	10.2	-33.7		
5.767		-16.3	-5.2	-2.6	6.1	-27.0	0.0	0.0	8.1	-35.9		
5.792		-18.3	-5.8	-2.9	9.9	-29.3	0.0	0.0	13.2	-39.0		
5.800		-18.8	-6.0	-2.9	9.7	-29.1	0.0	0.0	13.0	-38.7		
5.850		-21.9	-7.0	-3.4	7.6	-32.3	0.0	0.0	10.0	-43.0		
5.888		-24.3	-7.7	-3.8	4.9	-34.3	0.0	0.0	6.5	-45.7		
5.896		-24.9	-7.9	-3.9	4.9	-34.3	0.0	0.0	6.5	-45.7		
5.900		-25.1	-8.0	-3.9	5.2	-34.3	0.0	0.0	6.9	-45.7		
5.950		-28.5	-8.9	-4.4	4.2	-36.9	0.0	0.0	5.6	-49.1		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-5 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.000		-32.0	-9.9	-4.9	4.1	-41.0	0.0	0.0	5.5	-54.5		
6.000	31.5	10.0	4.9	37.6	-3.9	0.0	0.0	50.0	-5.2			
6.021	30.1	9.6	4.7	37.6	-3.9	0.0	0.0	50.0	-5.2			
6.042	28.6	9.1	4.5	37.8	-3.9	0.0	0.0	50.3	-5.2			
6.050	28.0	8.9	4.3	36.8	-3.6	0.0	0.0	49.0	-4.9			
6.100	24.6	7.9	3.9	33.5	-3.8	0.0	0.0	44.6	-5.1			
6.112	23.8	7.6	3.7	32.1	-4.4	0.0	0.0	42.7	-5.9			
6.150	21.4	6.9	3.4	30.5	-5.4	0.0	0.0	40.5	-7.2			
6.167	20.3	6.5	3.2	29.8	-6.9	0.0	0.0	39.7	-9.1			
6.200	18.3	5.9	2.9	27.6	-8.8	0.0	0.0	36.7	-11.6			
6.237	15.9	5.2	2.5	24.3	-8.6	0.0	0.0	32.4	-11.4			
6.250	15.1	4.9	2.4	24.6	-8.6	0.0	0.0	32.7	-11.4			
6.292	13.2	4.1	2.0	25.8	-13.5	0.0	0.0	34.3	-18.0			
6.300	12.7	4.0	2.0	25.3	-8.7	0.0	0.0	33.6	-11.5			
6.350	9.6	3.0	1.5	22.4	-8.4	0.0	0.0	29.8	-11.1			
6.400	6.4	2.0	1.0	19.5	-10.2	0.0	0.0	26.0	-13.5			
6.417	5.3	1.7	0.8	18.9	-13.1	0.0	0.0	25.1	-17.4			
6.450	3.3	1.0	0.5	16.8	-13.1	0.0	0.0	22.4	-17.4			
6.500	0.1	0.0	0.0	14.1	-15.1	0.0	0.0	18.8	-20.1			
6.502	0.0	0.0	0.0	14.1	-13.8	0.0	0.0	18.8	-18.4			
6.542	-2.5	-0.8	-0.4	16.0	-20.0	0.0	0.0	21.3	-26.6			
6.550	-2.6	-0.9	-0.5	16.2	-16.5	0.0	0.0	21.5	-22.0			
6.600	-5.7	-1.9	-0.9	13.8	-16.8	0.0	0.0	18.4	-22.4			
6.650	-8.9	-2.9	-1.4	11.6	-19.3	0.0	0.0	15.4	-25.6			
6.667	-10.0	-3.2	-1.6	10.9	-22.5	0.0	0.0	14.5	-29.9			
6.700	-12.0	-3.9	-1.9	9.5	-22.5	0.0	0.0	12.6	-29.9			
6.750	-15.2	-4.9	-2.4	7.7	-25.6	0.0	0.0	10.2	-34.1			
6.771	-16.5	-5.3	-2.6	6.1	-26.9	0.0	0.0	8.1	-35.8			
6.792	-18.2	-5.8	-2.9	9.9	-29.3	0.0	0.0	13.2	-39.0			
6.800	-18.7	-6.0	-2.9	9.7	-29.1	0.0	0.0	13.0	-38.7			
6.850	-21.8	-6.9	-3.4	7.6	-29.7	0.0	0.0	10.0	-39.5			
6.896	-24.7	-7.9	-3.9	4.9	-34.3	0.0	0.0	6.5	-45.7			
6.900	-25.0	-7.9	-3.9	5.2	-34.3	0.0	0.0	6.9	-45.7			
6.950	-28.4	-8.9	-4.4	4.2	-36.9	0.0	0.0	5.6	-49.0			
7.000	-31.8	-9.9	-4.9	4.2	-41.0	0.0	0.0	5.5	-54.6			
7.000	32.0	10.2	5.0	37.3	-1.4	0.0	0.0	49.6	-1.9			
7.026	30.5	9.8	4.8	37.3	-1.4	0.0	0.0	49.6	-1.9			
7.050	29.3	9.4	4.6	37.3	-2.1	0.0	0.0	49.6	-2.8			
7.053	29.2	9.3	4.6	37.7	-2.3	0.0	0.0	50.1	-3.1			
7.100	26.6	8.5	4.2	34.8	-3.2	0.0	0.0	46.3	-4.3			
7.125	25.3	8.1	4.0	32.2	-3.2	0.0	0.0	42.9	-4.2			
7.150	24.0	7.7	3.8	31.9	-5.2	0.0	0.0	42.5	-6.9			
7.200	21.5	6.9	3.4	29.4	-7.0	0.0	0.0	39.1	-9.3			
7.209	21.0	6.7	3.3	29.4	-6.8	0.0	0.0	39.1	-9.0			
7.250	19.0	6.1	3.0	24.8	-8.9	0.0	0.0	33.1	-11.8			
7.279	17.5	5.6	2.8	24.8	-8.0	0.0	0.0	33.1	-10.7			
7.300	16.4	5.3	2.6	22.4	-10.9	0.0	0.0	29.8	-14.5			
7.350	13.9	4.5	2.2	21.6	-12.9	0.0	0.0	28.8	-17.1			
7.365	13.6	4.3	2.1	24.8	-13.0	0.0	0.0	33.0	-17.2			
7.400	11.9	3.8	1.9	20.4	-9.5	0.0	0.0	27.1	-12.7			
7.450	9.4	3.0	1.5	17.7	-11.1	0.0	0.0	23.6	-14.8			
7.500	6.9	2.2	1.1	16.7	-13.0	0.0	0.0	22.2	-17.3			
7.522	5.8	1.8	0.9	16.7	-13.5	0.0	0.0	22.2	-18.0			
7.550	4.3	1.4	0.7	13.1	-15.1	0.0	0.0	17.4	-20.1			
7.600	1.8	0.6	0.3	10.7	-17.4	0.0	0.0	14.2	-23.1			
7.636	0.0	0.0	0.0	10.7	-16.3	0.0	0.0	14.2	-21.7			
7.650	-0.7	-0.2	-0.1	10.1	-19.7	0.0	0.0	13.4	-26.2			

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-5 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
7.678	-2.1	-0.7	-0.3	15.9	-20.5	0.0	0.0	21.2	-27.3		
7.700	-2.7	-0.9	-0.4	11.7	-16.9	0.0	0.0	15.6	-22.5		
7.750	-5.2	-1.7	-0.8	12.1	-19.6	0.0	0.0	16.1	-26.1		
7.800	-7.7	-2.5	-1.2	9.7	-22.4	0.0	0.0	12.8	-29.8		
7.839	-9.7	-3.1	-1.5	7.9	-23.3	0.0	0.0	10.6	-31.0		
7.850	-10.3	-3.3	-1.6	5.7	-25.6	0.0	0.0	7.5	-34.1		
7.900	-12.8	-4.1	-2.0	4.2	-29.1	0.0	0.0	5.6	-38.7		
7.942	-14.9	-4.8	-2.3	4.2	-32.4	0.0	0.0	5.6	-43.0		
7.950	-15.3	-4.9	-2.4	4.2	-33.2	0.0	0.0	5.6	-44.1		
7.958	-15.7	-5.0	-2.5	4.2	-33.2	0.0	0.0	5.5	-44.1		
8.000	-18.0	-5.7	-2.8	4.2	-33.2	0.0	0.0	5.5	-44.1		
8.000	0.2	0.2	0.1	14.3	0.0	0.0	0.0	19.0	0.0		
8.375	0.1	0.1	0.0	10.0	0.0	0.0	0.0	13.3	0.0		
9.000	0.0	0.0	0.0	10.0	0.0	0.0	0.0	13.3	0.0		

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.0	-12.4	0.0	0.0	0.0	-16.5		
0.625	-0.1	-0.1	0.0	0.0	-12.4	0.0	0.0	0.0	-16.5		
1.000	-0.2	-0.2	-0.1	0.0	-12.4	0.0	0.0	0.0	-16.5		
1.000	15.1	4.8	2.3	35.5	-4.6	0.0	0.0	47.2	-6.1		
1.000	15.1	4.7	2.3	34.3	-4.6	0.0	0.0	45.6	-6.1		
1.049	12.8	4.1	1.9	34.3	-4.6	0.0	0.0	45.6	-6.1		
1.050	12.7	4.1	1.9	33.5	-4.6	0.0	0.0	44.5	-6.1		
1.100	10.5	3.4	1.6	30.1	-4.6	0.0	0.0	40.0	-6.1		
1.109	10.1	3.2	1.5	30.1	-5.4	0.0	0.0	40.0	-7.1		
1.150	8.3	2.7	1.2	26.4	-7.3	0.0	0.0	35.2	-9.7		
1.169	7.5	2.4	1.1	26.4	-8.9	0.0	0.0	35.2	-11.8		
1.173	7.3	2.4	1.1	25.7	-8.9	0.0	0.0	34.1	-11.8		
1.188	6.7	2.1	1.0	25.2	-10.6	0.0	0.0	33.6	-14.1		
1.200	6.1	2.0	0.9	22.6	-10.8	0.0	0.0	30.0	-14.3		
1.250	3.9	1.3	0.6	20.2	-13.7	0.0	0.0	26.8	-18.2		
1.300	1.7	0.6	0.2	17.9	-16.4	0.0	0.0	23.8	-21.8		
1.346	-0.3	-0.1	-0.1	21.9	-19.6	0.0	0.0	29.1	-26.0		
1.350	0.1	-0.1	0.0	19.9	-14.1	0.0	0.0	26.5	-18.8		
1.353	0.0	-0.1	0.0	19.9	-12.9	0.0	0.0	26.5	-17.1		
1.400	-2.1	-0.8	-0.3	17.8	-15.8	0.0	0.0	23.6	-21.1		
1.450	-4.3	-1.4	-0.7	15.7	-18.0	0.0	0.0	20.9	-24.0		
1.500	-6.5	-2.1	-1.0	14.6	-20.2	0.0	0.0	19.4	-26.8		
1.525	-7.6	-2.5	-1.2	14.6	-21.3	0.0	0.0	19.4	-28.3		
1.550	-8.7	-2.8	-1.3	11.8	-22.4	0.0	0.0	15.6	-29.7		
1.600	-10.9	-3.5	-1.7	10.6	-24.7	0.0	0.0	14.1	-32.8		
1.650	-13.1	-4.2	-2.0	7.9	-27.1	0.0	0.0	10.6	-36.1		
1.692	-15.0	-4.8	-2.3	7.3	-29.6	0.0	0.0	9.7	-39.4		
1.700	-15.3	-4.9	-2.4	7.8	-29.6	0.0	0.0	10.4	-39.4		
1.703	-15.7	-5.0	-2.4	13.0	-29.7	0.0	0.0	17.3	-39.4		
1.750	-17.8	-5.7	-2.7	8.0	-30.3	0.0	0.0	10.6	-40.3		
1.800	-20.0	-6.4	-3.1	6.4	-33.1	0.0	0.0	8.5	-44.0		
1.850	-22.2	-7.1	-3.4	3.2	-36.0	0.0	0.0	4.3	-47.9		
1.852	-22.2	-7.1	-3.4	3.2	-35.9	0.0	0.0	4.3	-47.7		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD		DW	TRUCK		LANE		COMBINED		FATIGUE	
	FRAC	A-DC SHEAR (kips)		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
		B-DC SHEAR (kips)	SHEAR (kips)	(kips)	(kips)	(kips)	(kips)	TRUCK+LANE (kips)	(kips)	TRUCK (kips)	(kips)
1.893	-24.1	-7.6	-3.7	2.0	-39.2	0.0	0.0	2.6	-52.1		
1.900	-24.4	-7.7	-3.8	2.2	-39.2	0.0	0.0	2.9	-52.1		
1.950	-26.7	-8.4	-4.1	2.4	-42.6	0.0	0.0	3.1	-56.6		
2.000	-29.0	-9.1	-4.4	2.4	-42.6	0.0	0.0	3.1	-56.6		
2.000	29.8	9.6	4.7	39.9	-4.3	0.0	0.0	53.0	-5.8		
2.021	28.4	9.2	4.5	39.9	-4.3	0.0	0.0	53.0	-5.8		
2.042	27.1	8.8	4.3	40.7	-4.3	0.0	0.0	54.1	-5.8		
2.050	26.6	8.5	4.2	39.8	-4.1	0.0	0.0	52.9	-5.5		
2.075	24.9	8.0	3.9	37.6	-4.1	0.0	0.0	50.0	-5.4		
2.100	23.4	7.5	3.7	36.4	-4.1	0.0	0.0	48.4	-5.4		
2.150	20.2	6.5	3.2	33.2	-5.9	0.0	0.0	44.1	-7.8		
2.167	19.1	6.2	3.0	32.4	-8.1	0.0	0.0	43.1	-10.8		
2.200	17.1	5.5	2.7	30.0	-8.1	0.0	0.0	39.9	-10.8		
2.202	17.0	5.5	2.7	30.0	-7.0	0.0	0.0	39.9	-9.2		
2.250	13.9	4.5	2.2	26.9	-10.2	0.0	0.0	35.8	-13.5		
2.292	12.1	3.8	1.8	29.1	-16.8	0.0	0.0	38.7	-22.4		
2.300	11.6	3.6	1.8	28.8	-10.5	0.0	0.0	38.3	-14.0		
2.350	8.4	2.6	1.3	25.7	-10.1	0.0	0.0	34.2	-13.4		
2.400	5.3	1.7	0.8	22.6	-12.5	0.0	0.0	30.1	-16.6		
2.417	4.2	1.3	0.6	21.9	-15.9	0.0	0.0	29.1	-21.2		
2.450	2.1	0.7	0.3	19.6	-18.3	0.0	0.0	26.1	-24.4		
2.484	0.0	0.0	0.0	16.0	-17.7	0.0	0.0	21.3	-23.5		
2.500	-1.0	-0.3	-0.2	16.7	-17.7	0.0	0.0	22.2	-23.5		
2.542	-3.7	-1.2	-0.6	19.3	-23.9	0.0	0.0	25.7	-31.8		
2.550	-3.7	-1.3	-0.6	19.5	-19.2	0.0	0.0	25.9	-25.6		
2.600	-6.8	-2.3	-1.1	16.7	-19.4	0.0	0.0	22.2	-25.7		
2.650	-10.0	-3.3	-1.6	14.1	-21.9	0.0	0.0	18.7	-29.1		
2.667	-11.1	-3.6	-1.8	13.3	-25.1	0.0	0.0	17.7	-33.4		
2.700	-13.1	-4.3	-2.1	11.6	-25.1	0.0	0.0	15.4	-33.4		
2.750	-16.3	-5.2	-2.6	9.0	-28.3	0.0	0.0	11.9	-37.6		
2.768	-17.4	-5.6	-2.8	6.6	-29.8	0.0	0.0	8.8	-39.6		
2.792	-19.4	-6.2	-3.0	11.6	-32.6	0.0	0.0	15.4	-43.3		
2.800	-19.8	-6.3	-3.1	11.3	-31.4	0.0	0.0	15.1	-41.8		
2.850	-23.0	-7.3	-3.6	7.7	-34.9	0.0	0.0	10.3	-46.4		
2.887	-25.3	-8.1	-4.0	4.1	-37.0	0.0	0.0	5.5	-49.2		
2.896	-25.9	-8.2	-4.0	4.1	-37.0	0.0	0.0	5.5	-49.2		
2.900	-26.2	-8.3	-4.1	4.5	-37.0	0.0	0.0	5.9	-49.2		
2.950	-29.6	-9.3	-4.6	2.7	-39.6	0.0	0.0	3.6	-52.6		
3.000	-33.0	-10.3	-5.0	2.7	-44.1	0.0	0.0	3.6	-58.6		
3.000	31.8	10.1	4.9	40.3	-4.4	0.0	0.0	53.6	-5.8		
3.021	30.3	9.6	4.7	40.3	-4.4	0.0	0.0	53.6	-5.8		
3.042	28.9	9.2	4.5	40.6	-4.4	0.0	0.0	54.0	-5.8		
3.050	28.3	8.9	4.4	39.7	-4.1	0.0	0.0	52.8	-5.5		
3.100	24.9	7.9	3.9	36.4	-4.1	0.0	0.0	48.4	-5.4		
3.112	24.0	7.7	3.8	34.9	-4.6	0.0	0.0	46.4	-6.2		
3.150	21.6	7.0	3.4	33.2	-5.9	0.0	0.0	44.1	-7.9		
3.167	20.6	6.6	3.2	32.4	-8.0	0.0	0.0	43.1	-10.7		
3.200	18.5	6.0	2.9	30.1	-8.0	0.0	0.0	40.0	-10.7		
3.248	15.5	5.0	2.5	26.4	-10.0	0.0	0.0	35.1	-13.4		
3.250	15.4	5.0	2.4	26.9	-10.0	0.0	0.0	35.7	-13.4		
3.292	13.4	4.2	2.1	29.0	-16.7	0.0	0.0	38.6	-22.3		
3.300	12.9	4.1	2.0	28.7	-10.5	0.0	0.0	38.2	-14.0		
3.350	9.8	3.1	1.5	25.6	-10.1	0.0	0.0	34.1	-13.4		
3.400	6.6	2.1	1.0	22.6	-12.5	0.0	0.0	30.0	-16.6		
3.417	5.6	1.7	0.9	21.8	-15.9	0.0	0.0	29.0	-21.2		
3.450	3.5	1.1	0.5	19.6	-15.9	0.0	0.0	26.0	-21.2		
3.500	0.4	0.1	0.1	16.7	-18.7	0.0	0.0	22.2	-24.8		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
3.506	0.0	0.0	0.0	16.7	-16.9	0.0	0.0	22.2	-22.4		
3.542	-2.3	-0.7	-0.4	19.3	-23.9	0.0	0.0	25.7	-31.8		
3.550	-2.3	-0.8	-0.4	19.5	-19.3	0.0	0.0	25.9	-25.6		
3.600	-5.5	-1.8	-0.9	16.7	-19.4	0.0	0.0	22.2	-25.8		
3.650	-8.6	-2.8	-1.4	14.0	-21.9	0.0	0.0	18.7	-29.1		
3.667	-9.7	-3.2	-1.5	13.3	-25.2	0.0	0.0	17.6	-33.5		
3.700	-11.8	-3.8	-1.9	11.5	-25.2	0.0	0.0	15.3	-33.5		
3.750	-14.9	-4.8	-2.4	8.9	-28.3	0.0	0.0	11.9	-37.6		
3.768	-16.0	-5.1	-2.5	6.7	-29.9	0.0	0.0	8.9	-39.7		
3.792	-18.0	-5.7	-2.8	11.6	-32.6	0.0	0.0	15.4	-43.4		
3.800	-18.5	-5.9	-2.9	11.3	-31.4	0.0	0.0	15.1	-41.8		
3.850	-21.6	-6.9	-3.4	8.1	-35.0	0.0	0.0	10.8	-46.5		
3.887	-24.0	-7.6	-3.7	4.7	-37.0	0.0	0.0	6.2	-49.3		
3.896	-24.6	-7.8	-3.8	4.7	-37.0	0.0	0.0	6.2	-49.3		
3.900	-24.8	-7.9	-3.9	5.0	-37.0	0.0	0.0	6.6	-49.3		
3.950	-28.2	-8.8	-4.3	3.9	-39.6	0.0	0.0	5.2	-52.7		
4.000	-31.7	-9.8	-4.8	3.9	-44.1	0.0	0.0	5.2	-58.7		
4.000	31.3	9.9	4.9	40.3	-4.3	0.0	0.0	53.6	-5.8		
4.021	29.9	9.5	4.7	40.3	-4.3	0.0	0.0	53.6	-5.8		
4.042	28.5	9.1	4.5	40.6	-4.3	0.0	0.0	54.0	-5.8		
4.050	27.9	8.8	4.3	39.7	-4.1	0.0	0.0	52.8	-5.5		
4.100	24.5	7.8	3.8	36.4	-4.1	0.0	0.0	48.4	-5.4		
4.112	23.6	7.6	3.7	34.9	-4.6	0.0	0.0	46.4	-6.2		
4.150	21.2	6.8	3.3	33.2	-5.9	0.0	0.0	44.1	-7.9		
4.167	20.2	6.5	3.2	32.4	-8.0	0.0	0.0	43.1	-10.7		
4.200	18.1	5.8	2.9	30.0	-10.1	0.0	0.0	39.9	-13.4		
4.234	15.9	5.2	2.5	26.3	-10.0	0.0	0.0	35.0	-13.4		
4.250	15.0	4.8	2.4	26.9	-10.0	0.0	0.0	35.7	-13.4		
4.292	13.0	4.1	2.0	29.0	-16.7	0.0	0.0	38.6	-22.3		
4.300	12.5	3.9	1.9	28.7	-10.5	0.0	0.0	38.2	-14.0		
4.350	9.4	2.9	1.4	25.6	-10.1	0.0	0.0	34.1	-13.4		
4.400	6.3	2.0	1.0	22.6	-12.5	0.0	0.0	30.0	-16.6		
4.417	5.2	1.6	0.8	21.8	-15.9	0.0	0.0	29.0	-21.2		
4.450	3.1	1.0	0.5	19.6	-15.9	0.0	0.0	26.0	-21.2		
4.499	0.0	0.0	0.0	16.0	-18.0	0.0	0.0	21.3	-23.9		
4.500	0.0	0.0	0.0	16.7	-18.0	0.0	0.0	22.2	-23.9		
4.542	-2.7	-0.9	-0.4	19.3	-23.9	0.0	0.0	25.7	-31.9		
4.550	-2.7	-1.0	-0.5	19.5	-19.3	0.0	0.0	25.9	-25.6		
4.600	-5.9	-2.0	-1.0	16.7	-19.4	0.0	0.0	22.2	-25.8		
4.650	-9.0	-3.0	-1.4	14.0	-21.9	0.0	0.0	18.7	-29.1		
4.667	-10.1	-3.3	-1.6	13.3	-25.2	0.0	0.0	17.6	-33.5		
4.700	-12.2	-3.9	-1.9	11.5	-25.2	0.0	0.0	15.3	-33.5		
4.750	-15.3	-4.9	-2.4	8.9	-28.3	0.0	0.0	11.9	-37.7		
4.768	-16.5	-5.3	-2.6	6.7	-29.9	0.0	0.0	9.0	-39.7		
4.792	-18.4	-5.9	-2.9	11.6	-32.6	0.0	0.0	15.4	-43.4		
4.800	-18.9	-6.0	-3.0	11.3	-31.4	0.0	0.0	15.1	-41.8		
4.850	-22.0	-7.0	-3.4	8.1	-35.0	0.0	0.0	10.8	-46.5		
4.887	-24.4	-7.7	-3.8	4.7	-37.0	0.0	0.0	6.2	-49.3		
4.896	-25.0	-7.9	-3.9	4.7	-37.0	0.0	0.0	6.2	-49.3		
4.900	-25.2	-8.0	-3.9	5.0	-37.0	0.0	0.0	6.7	-49.3		
4.950	-28.6	-9.0	-4.4	4.0	-39.6	0.0	0.0	5.3	-52.7		
5.000	-32.1	-9.9	-4.9	3.9	-44.1	0.0	0.0	5.2	-58.7		
5.000	31.4	10.0	4.9	40.3	-4.3	0.0	0.0	53.6	-5.8		
5.021	30.0	9.5	4.7	40.3	-4.3	0.0	0.0	53.6	-5.8		
5.042	28.5	9.1	4.5	40.6	-4.3	0.0	0.0	54.0	-5.8		
5.050	28.0	8.8	4.3	39.7	-4.1	0.0	0.0	52.8	-5.4		
5.100	24.6	7.8	3.9	36.4	-4.1	0.0	0.0	48.4	-5.4		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
5.112	23.7	7.6	3.7	34.9	-4.6	0.0	0.0	46.4	-6.2		
5.150	21.3	6.9	3.4	33.2	-5.9	0.0	0.0	44.1	-7.9		
5.167	20.3	6.5	3.2	32.4	-8.0	0.0	0.0	43.1	-10.7		
5.200	18.2	5.9	2.9	30.0	-10.5	0.0	0.0	39.9	-13.9		
5.238	15.8	5.1	2.5	26.3	-10.0	0.0	0.0	35.0	-13.4		
5.250	15.0	4.9	2.4	26.9	-10.0	0.0	0.0	35.7	-13.4		
5.292	13.1	4.1	2.0	29.0	-16.7	0.0	0.0	38.6	-22.3		
5.300	12.6	4.0	1.9	28.7	-10.5	0.0	0.0	38.2	-14.0		
5.350	9.5	3.0	1.5	25.6	-10.1	0.0	0.0	34.1	-13.4		
5.400	6.3	2.0	1.0	22.6	-12.5	0.0	0.0	30.0	-16.6		
5.417	5.3	1.6	0.8	21.8	-15.9	0.0	0.0	29.0	-21.2		
5.450	3.2	1.0	0.5	19.6	-15.9	0.0	0.0	26.0	-21.2		
5.500	0.1	0.0	0.0	16.7	-18.1	0.0	0.0	22.2	-24.1		
5.501	0.0	0.0	0.0	16.7	-16.4	0.0	0.0	22.2	-21.8		
5.542	-2.6	-0.8	-0.4	19.3	-24.0	0.0	0.0	25.7	-31.9		
5.550	-2.6	-0.9	-0.5	19.5	-19.3	0.0	0.0	25.9	-25.6		
5.600	-5.8	-1.9	-0.9	16.7	-19.4	0.0	0.0	22.2	-25.8		
5.650	-8.9	-2.9	-1.4	14.0	-21.9	0.0	0.0	18.7	-29.1		
5.667	-10.0	-3.3	-1.6	13.3	-25.2	0.0	0.0	17.6	-33.5		
5.700	-12.1	-3.9	-1.9	11.5	-25.2	0.0	0.0	15.3	-33.5		
5.750	-15.2	-4.9	-2.4	8.9	-28.2	0.0	0.0	11.9	-37.5		
5.767	-16.3	-5.2	-2.6	6.7	-29.9	0.0	0.0	9.0	-39.7		
5.792	-18.3	-5.8	-2.9	11.6	-32.6	0.0	0.0	15.4	-43.4		
5.800	-18.8	-6.0	-2.9	11.3	-31.5	0.0	0.0	15.1	-41.8		
5.850	-21.9	-7.0	-3.4	8.1	-35.0	0.0	0.0	10.8	-46.5		
5.888	-24.3	-7.7	-3.8	4.7	-37.0	0.0	0.0	6.2	-49.3		
5.896	-24.9	-7.9	-3.9	4.7	-37.0	0.0	0.0	6.2	-49.3		
5.900	-25.1	-8.0	-3.9	5.0	-37.0	0.0	0.0	6.7	-49.3		
5.950	-28.5	-8.9	-4.4	4.0	-39.6	0.0	0.0	5.3	-52.7		
6.000	-32.0	-9.9	-4.9	3.9	-44.1	0.0	0.0	5.2	-58.7		
6.000	31.5	10.0	4.9	40.3	-3.8	0.0	0.0	53.6	-5.1		
6.021	30.1	9.6	4.7	40.3	-3.8	0.0	0.0	53.6	-5.1		
6.042	28.6	9.1	4.5	40.6	-3.8	0.0	0.0	54.0	-5.1		
6.050	28.0	8.9	4.3	39.7	-3.6	0.0	0.0	52.8	-4.7		
6.100	24.6	7.9	3.9	36.4	-3.7	0.0	0.0	48.4	-4.9		
6.112	23.8	7.6	3.7	34.8	-4.5	0.0	0.0	46.3	-6.0		
6.150	21.4	6.9	3.4	33.2	-5.9	0.0	0.0	44.1	-7.8		
6.167	20.3	6.5	3.2	32.4	-8.0	0.0	0.0	43.1	-10.7		
6.200	18.3	5.9	2.9	30.0	-10.4	0.0	0.0	39.9	-13.8		
6.237	15.9	5.2	2.5	26.3	-10.0	0.0	0.0	35.0	-13.4		
6.250	15.1	4.9	2.4	26.8	-10.0	0.0	0.0	35.7	-13.4		
6.292	13.2	4.1	2.0	29.0	-16.7	0.0	0.0	38.6	-22.3		
6.300	12.7	4.0	2.0	28.7	-10.5	0.0	0.0	38.1	-14.0		
6.350	9.6	3.0	1.5	25.6	-10.1	0.0	0.0	34.1	-13.4		
6.400	6.4	2.0	1.0	22.6	-12.5	0.0	0.0	30.0	-16.6		
6.417	5.3	1.7	0.8	21.8	-15.9	0.0	0.0	29.0	-21.2		
6.450	3.3	1.0	0.5	19.5	-15.9	0.0	0.0	26.0	-21.2		
6.500	0.1	0.0	0.0	16.6	-18.3	0.0	0.0	22.1	-24.3		
6.502	0.0	0.0	0.0	16.6	-16.5	0.0	0.0	22.1	-21.9		
6.542	-2.5	-0.8	-0.4	19.3	-24.0	0.0	0.0	25.6	-31.9		
6.550	-2.6	-0.9	-0.5	19.5	-19.3	0.0	0.0	25.9	-25.7		
6.600	-5.7	-1.9	-0.9	16.7	-19.4	0.0	0.0	22.2	-25.8		
6.650	-8.9	-2.9	-1.4	14.1	-21.9	0.0	0.0	18.7	-29.1		
6.667	-10.0	-3.2	-1.6	13.3	-25.2	0.0	0.0	17.7	-33.5		
6.700	-12.0	-3.9	-1.9	11.6	-25.2	0.0	0.0	15.4	-33.5		
6.750	-15.2	-4.9	-2.4	9.0	-28.6	0.0	0.0	11.9	-38.0		
6.771	-16.5	-5.3	-2.6	6.7	-29.9	0.0	0.0	9.0	-39.7		
6.792	-18.2	-5.8	-2.9	11.6	-32.6	0.0	0.0	15.4	-43.4		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD				TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW									
	FRAC	SHEAR	SHEAR	SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.800	-18.7	-6.0	-2.9	11.3	-31.4	0.0	0.0	15.1	-41.8			
6.850	-21.8	-6.9	-3.4	8.1	-32.0	0.0	0.0	10.8	-42.6			
6.896	-24.7	-7.9	-3.9	4.7	-37.0	0.0	0.0	6.2	-49.3			
6.900	-25.0	-7.9	-3.9	5.0	-37.0	0.0	0.0	6.7	-49.3			
6.950	-28.4	-8.9	-4.4	4.0	-39.6	0.0	0.0	5.3	-52.7			
7.000	-31.8	-9.9	-4.9	3.9	-44.1	0.0	0.0	5.2	-58.7			
7.000	32.0	10.2	5.0	40.1	-1.3	0.0	0.0	53.3	-1.8			
7.026	30.5	9.8	4.8	40.1	-1.3	0.0	0.0	53.3	-1.8			
7.050	29.3	9.4	4.6	40.2	-2.0	0.0	0.0	53.5	-2.7			
7.053	29.2	9.3	4.6	40.7	-2.2	0.0	0.0	54.2	-2.9			
7.100	26.6	8.5	4.2	37.8	-3.1	0.0	0.0	50.3	-4.1			
7.125	25.3	8.1	4.0	35.1	-3.1	0.0	0.0	46.7	-4.1			
7.150	24.0	7.7	3.8	35.0	-5.5	0.0	0.0	46.5	-7.3			
7.200	21.5	6.9	3.4	32.3	-8.1	0.0	0.0	43.0	-10.7			
7.209	21.0	6.7	3.3	32.3	-7.9	0.0	0.0	43.0	-10.5			
7.250	19.0	6.1	3.0	27.4	-10.5	0.0	0.0	36.4	-13.9			
7.279	17.5	5.6	2.8	27.4	-9.4	0.0	0.0	36.4	-12.5			
7.300	16.4	5.3	2.6	24.9	-13.1	0.0	0.0	33.1	-17.4			
7.350	13.9	4.5	2.2	24.2	-15.8	0.0	0.0	32.2	-21.0			
7.365	13.6	4.3	2.1	28.9	-16.0	0.0	0.0	38.4	-21.3			
7.400	11.9	3.8	1.9	24.1	-11.6	0.0	0.0	32.0	-15.5			
7.450	9.4	3.0	1.5	21.3	-13.7	0.0	0.0	28.4	-18.2			
7.500	6.9	2.2	1.1	20.1	-16.0	0.0	0.0	26.7	-21.2			
7.522	5.8	1.8	0.9	20.1	-16.5	0.0	0.0	26.7	-21.9			
7.550	4.3	1.4	0.7	16.1	-18.4	0.0	0.0	21.4	-24.5			
7.600	1.8	0.6	0.3	13.2	-21.1	0.0	0.0	17.6	-28.0			
7.636	0.0	0.0	0.0	13.2	-19.7	0.0	0.0	17.6	-26.2			
7.650	-0.7	-0.2	-0.1	12.4	-23.6	0.0	0.0	16.4	-31.5			
7.678	-2.1	-0.7	-0.3	20.0	-24.5	0.0	0.0	26.5	-32.6			
7.700	-2.7	-0.9	-0.4	14.2	-19.2	0.0	0.0	18.9	-25.6			
7.750	-5.2	-1.7	-0.8	14.7	-22.2	0.0	0.0	19.5	-29.5			
7.800	-7.7	-2.5	-1.2	11.3	-25.3	0.0	0.0	15.1	-33.6			
7.839	-9.7	-3.1	-1.5	8.2	-26.2	0.0	0.0	11.0	-34.8			
7.850	-10.3	-3.3	-1.6	5.5	-28.6	0.0	0.0	7.3	-38.1			
7.900	-12.8	-4.1	-2.0	4.0	-32.5	0.0	0.0	5.3	-43.3			
7.942	-14.9	-4.8	-2.3	4.0	-36.3	0.0	0.0	5.3	-48.3			
7.950	-15.3	-4.9	-2.4	4.0	-37.2	0.0	0.0	5.3	-49.5			
7.958	-15.7	-5.0	-2.5	3.9	-37.5	0.0	0.0	5.2	-49.8			
8.000	-18.0	-5.7	-2.8	3.9	-37.4	0.0	0.0	5.2	-49.7			
8.000	0.2	0.2	0.1	13.9	0.0	0.0	0.0	18.5	0.0			
8.375	0.1	0.1	0.0	9.7	0.0	0.0	0.0	12.9	0.0			
9.000	0.0	0.0	0.0	9.7	0.0	0.0	0.0	12.9	0.0			

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-7
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD		DW SHEAR (kips)	TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)		MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.0	-13.3	0.0	0.0	0.0	-17.7		
0.625	-0.1	-0.1	0.0	0.0	-13.3	0.0	0.0	0.0	-17.7		
1.000	-0.2	-0.2	-0.1	0.0	-13.3	0.0	0.0	0.0	-17.7		
1.000	15.1	4.8	2.3	29.4	-3.6	0.0	0.0	39.0	-4.8		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
1.000		15.1	4.7	2.3	28.7	-3.6	0.0	0.0	38.2	-4.8		
1.049		12.8	4.1	1.9	28.7	-3.6	0.0	0.0	38.2	-4.8		
1.050		12.7	4.1	1.9	28.0	-3.6	0.0	0.0	37.3	-4.8		
1.100		10.5	3.4	1.6	24.9	-4.6	0.0	0.0	33.1	-6.1		
1.109		10.1	3.2	1.5	24.9	-5.4	0.0	0.0	33.1	-7.2		
1.150		8.3	2.7	1.2	22.0	-7.9	0.0	0.0	29.2	-10.5		
1.169		7.5	2.4	1.1	22.0	-8.8	0.0	0.0	29.2	-11.6		
1.173		7.3	2.4	1.1	21.3	-8.8	0.0	0.0	28.4	-11.6		
1.188		6.7	2.1	1.0	21.0	-9.8	0.0	0.0	27.9	-13.1		
1.200		6.1	2.0	0.9	18.8	-9.9	0.0	0.0	25.0	-13.2		
1.250		3.9	1.3	0.6	16.8	-11.9	0.0	0.0	22.4	-15.8		
1.300		1.7	0.6	0.2	15.0	-14.3	0.0	0.0	19.9	-19.0		
1.346		-0.3	-0.1	-0.1	18.5	-16.9	0.0	0.0	24.6	-22.5		
1.350		0.1	-0.1	0.0	16.9	-12.4	0.0	0.0	22.5	-16.4		
1.353		0.0	-0.1	0.0	16.9	-11.3	0.0	0.0	22.5	-15.0		
1.400		-2.1	-0.8	-0.3	15.1	-13.7	0.0	0.0	20.1	-18.2		
1.450		-4.3	-1.4	-0.7	13.4	-15.4	0.0	0.0	17.9	-20.5		
1.500		-6.5	-2.1	-1.0	12.6	-17.1	0.0	0.0	16.7	-22.8		
1.525		-7.6	-2.5	-1.2	12.6	-18.0	0.0	0.0	16.7	-23.9		
1.550		-8.7	-2.8	-1.3	10.2	-18.8	0.0	0.0	13.6	-25.1		
1.600		-10.9	-3.5	-1.7	9.3	-20.7	0.0	0.0	12.4	-27.5		
1.650		-13.1	-4.2	-2.0	7.1	-22.6	0.0	0.0	9.5	-30.0		
1.692		-15.0	-4.8	-2.3	6.5	-24.6	0.0	0.0	8.7	-32.7		
1.700		-15.3	-4.9	-2.4	7.1	-24.6	0.0	0.0	9.4	-32.7		
1.703		-15.7	-5.0	-2.4	11.5	-24.5	0.0	0.0	15.3	-32.6		
1.750		-17.8	-5.7	-2.7	7.4	-24.8	0.0	0.0	9.8	-33.0		
1.800		-20.0	-6.4	-3.1	6.3	-27.1	0.0	0.0	8.4	-36.0		
1.850		-22.2	-7.1	-3.4	3.3	-29.5	0.0	0.0	4.3	-39.2		
1.852		-22.2	-7.1	-3.4	3.3	-29.4	0.0	0.0	4.3	-39.1		
1.893		-24.1	-7.6	-3.7	1.7	-32.0	0.0	0.0	2.3	-42.5		
1.900		-24.4	-7.7	-3.8	2.0	-32.0	0.0	0.0	2.6	-42.5		
1.950		-26.7	-8.4	-4.1	1.9	-34.7	0.0	0.0	2.5	-46.1		
2.000		-29.0	-9.1	-4.4	1.9	-34.7	0.0	0.0	2.5	-46.1		
2.000	29.8		9.6	4.7	32.6	-3.4	0.0	0.0	43.3	-4.5		
2.021	28.4		9.2	4.5	32.6	-3.4	0.0	0.0	43.3	-4.5		
2.042	27.1		8.8	4.3	33.0	-3.4	0.0	0.0	43.8	-4.5		
2.050	26.6		8.5	4.2	32.3	-3.2	0.0	0.0	42.9	-4.3		
2.075	24.9		8.0	3.9	30.5	-3.2	0.0	0.0	40.6	-4.3		
2.100	23.4		7.5	3.7	29.6	-3.8	0.0	0.0	39.3	-5.1		
2.150	20.2		6.5	3.2	27.1	-5.7	0.0	0.0	36.0	-7.5		
2.167	19.1		6.2	3.0	26.5	-7.3	0.0	0.0	35.2	-9.7		
2.200	17.1		5.5	2.7	24.6	-7.3	0.0	0.0	32.7	-9.7		
2.202	17.0		5.5	2.7	24.6	-6.3	0.0	0.0	32.7	-8.4		
2.250	13.9		4.5	2.2	22.0	-9.1	0.0	0.0	29.3	-12.1		
2.292	12.1		3.8	1.8	23.8	-14.5	0.0	0.0	31.7	-19.3		
2.300	11.6		3.6	1.8	23.6	-9.2	0.0	0.0	31.4	-12.3		
2.350	8.4		2.6	1.3	21.2	-8.9	0.0	0.0	28.2	-11.8		
2.400	5.3		1.7	0.8	18.8	-10.8	0.0	0.0	25.0	-14.4		
2.417	4.2		1.3	0.6	18.2	-13.6	0.0	0.0	24.2	-18.1		
2.450	2.1		0.7	0.3	16.4	-15.6	0.0	0.0	21.8	-20.7		
2.484	0.0		0.0	0.0	13.4	-15.0	0.0	0.0	17.9	-20.0		
2.500	-1.0		-0.3	-0.2	14.1	-15.0	0.0	0.0	18.7	-20.0		
2.542	-3.7		-1.2	-0.6	16.3	-20.0	0.0	0.0	21.7	-26.6		
2.550	-3.7		-1.3	-0.6	16.5	-16.0	0.0	0.0	22.0	-21.2		
2.600	-6.8		-2.3	-1.1	14.2	-16.0	0.0	0.0	18.9	-21.3		
2.650	-10.0		-3.3	-1.6	12.1	-18.0	0.0	0.0	16.1	-24.0		
2.667	-11.1		-3.6	-1.8	11.5	-20.7	0.0	0.0	15.2	-27.5		
2.700	-13.1		-4.3	-2.1	10.1	-20.7	0.0	0.0	13.4	-27.5		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.750	-16.3	-5.2	-2.6	8.0	-23.2	0.0	0.0	10.6	-30.8		
2.768	-17.4	-5.6	-2.8	5.9	-24.4	0.0	0.0	7.9	-32.4		
2.792	-19.4	-6.2	-3.0	10.3	-26.6	0.0	0.0	13.7	-35.3		
2.800	-19.8	-6.3	-3.1	10.0	-25.6	0.0	0.0	13.3	-34.0		
2.850	-23.0	-7.3	-3.6	7.2	-28.4	0.0	0.0	9.6	-37.7		
2.887	-25.3	-8.1	-4.0	4.1	-30.1	0.0	0.0	5.5	-40.0		
2.896	-25.9	-8.2	-4.0	4.1	-30.1	0.0	0.0	5.5	-40.0		
2.900	-26.2	-8.3	-4.1	4.5	-30.1	0.0	0.0	5.9	-40.0		
2.950	-29.6	-9.3	-4.6	2.2	-32.2	0.0	0.0	2.9	-42.8		
3.000	-33.0	-10.3	-5.0	2.1	-35.7	0.0	0.0	2.8	-47.5		
3.000	31.8	10.1	4.9	32.9	-3.4	0.0	0.0	43.7	-4.5		
3.021	30.3	9.6	4.7	32.9	-3.4	0.0	0.0	43.7	-4.5		
3.042	28.9	9.2	4.5	32.9	-3.4	0.0	0.0	43.7	-4.5		
3.050	28.3	8.9	4.4	32.2	-3.2	0.0	0.0	42.8	-4.3		
3.100	24.9	7.9	3.9	29.5	-3.9	0.0	0.0	39.3	-5.2		
3.112	24.0	7.7	3.8	28.3	-4.5	0.0	0.0	37.6	-6.0		
3.150	21.6	7.0	3.4	27.1	-5.6	0.0	0.0	36.0	-7.5		
3.167	20.6	6.6	3.2	26.5	-7.2	0.0	0.0	35.2	-9.6		
3.200	18.5	6.0	2.9	24.6	-7.2	0.0	0.0	32.8	-9.6		
3.248	15.5	5.0	2.5	21.6	-9.0	0.0	0.0	28.7	-12.0		
3.250	15.4	5.0	2.4	22.0	-9.0	0.0	0.0	29.2	-12.0		
3.292	13.4	4.2	2.1	23.8	-14.4	0.0	0.0	31.6	-19.1		
3.300	12.9	4.1	2.0	23.6	-9.2	0.0	0.0	31.3	-12.2		
3.350	9.8	3.1	1.5	21.2	-8.9	0.0	0.0	28.1	-11.8		
3.400	6.6	2.1	1.0	18.8	-10.8	0.0	0.0	24.9	-14.4		
3.417	5.6	1.7	0.9	18.1	-13.6	0.0	0.0	24.1	-18.1		
3.450	3.5	1.1	0.5	16.4	-13.6	0.0	0.0	21.8	-18.1		
3.500	0.4	0.1	0.1	14.0	-15.8	0.0	0.0	18.7	-21.0		
3.506	0.0	0.0	0.0	14.0	-14.3	0.0	0.0	18.7	-19.1		
3.542	-2.3	-0.7	-0.4	16.3	-20.0	0.0	0.0	21.7	-26.6		
3.550	-2.3	-0.8	-0.4	16.5	-16.0	0.0	0.0	22.0	-21.3		
3.600	-5.5	-1.8	-0.9	14.2	-16.0	0.0	0.0	18.9	-21.3		
3.650	-8.6	-2.8	-1.4	12.1	-18.1	0.0	0.0	16.1	-24.1		
3.667	-9.7	-3.2	-1.5	11.5	-20.7	0.0	0.0	15.2	-27.6		
3.700	-11.8	-3.8	-1.9	10.0	-20.7	0.0	0.0	13.4	-27.6		
3.750	-14.9	-4.8	-2.4	8.0	-23.2	0.0	0.0	10.6	-30.8		
3.768	-16.0	-5.1	-2.5	5.9	-24.4	0.0	0.0	7.9	-32.5		
3.792	-18.0	-5.7	-2.8	10.3	-26.6	0.0	0.0	13.7	-35.4		
3.800	-18.5	-5.9	-2.9	10.0	-25.6	0.0	0.0	13.3	-34.0		
3.850	-21.6	-6.9	-3.4	7.3	-28.4	0.0	0.0	9.8	-37.8		
3.887	-24.0	-7.6	-3.7	4.5	-30.1	0.0	0.0	6.0	-40.1		
3.896	-24.6	-7.8	-3.8	4.5	-30.1	0.0	0.0	6.0	-40.1		
3.900	-24.8	-7.9	-3.9	4.9	-30.1	0.0	0.0	6.5	-40.1		
3.950	-28.2	-8.8	-4.3	3.1	-32.2	0.0	0.0	4.1	-42.8		
4.000	-31.7	-9.8	-4.8	3.1	-35.8	0.0	0.0	4.1	-47.6		
4.000	31.3	9.9	4.9	32.9	-3.4	0.0	0.0	43.7	-4.5		
4.021	29.9	9.5	4.7	32.9	-3.4	0.0	0.0	43.7	-4.5		
4.042	28.5	9.1	4.5	32.9	-3.4	0.0	0.0	43.7	-4.5		
4.050	27.9	8.8	4.3	32.2	-3.2	0.0	0.0	42.8	-4.3		
4.100	24.5	7.8	3.8	29.5	-3.9	0.0	0.0	39.3	-5.2		
4.112	23.6	7.6	3.7	28.3	-4.5	0.0	0.0	37.6	-6.0		
4.150	21.2	6.8	3.3	27.1	-5.6	0.0	0.0	36.0	-7.5		
4.167	20.2	6.5	3.2	26.5	-7.2	0.0	0.0	35.2	-9.6		
4.200	18.1	5.8	2.9	24.6	-9.0	0.0	0.0	32.7	-11.9		
4.234	15.9	5.2	2.5	21.5	-9.0	0.0	0.0	28.7	-12.0		
4.250	15.0	4.8	2.4	22.0	-9.0	0.0	0.0	29.2	-12.0		
4.292	13.0	4.1	2.0	23.8	-14.4	0.0	0.0	31.6	-19.1		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
4.300	12.5	3.9	1.9	23.6	-9.2	0.0	0.0	31.3	-12.2		
4.350	9.4	2.9	1.4	21.1	-8.9	0.0	0.0	28.1	-11.8		
4.400	6.3	2.0	1.0	18.8	-10.8	0.0	0.0	24.9	-14.4		
4.417	5.2	1.6	0.8	18.1	-13.7	0.0	0.0	24.1	-18.2		
4.450	3.1	1.0	0.5	16.4	-13.7	0.0	0.0	21.8	-18.2		
4.499	0.0	0.0	0.0	13.4	-15.3	0.0	0.0	17.8	-20.3		
4.500	0.0	0.0	0.0	14.0	-15.3	0.0	0.0	18.7	-20.3		
4.542	-2.7	-0.9	-0.4	16.3	-20.0	0.0	0.0	21.7	-26.6		
4.550	-2.7	-1.0	-0.5	16.5	-16.0	0.0	0.0	22.0	-21.3		
4.600	-5.9	-2.0	-1.0	14.2	-16.1	0.0	0.0	18.9	-21.4		
4.650	-9.0	-3.0	-1.4	12.1	-18.1	0.0	0.0	16.1	-24.1		
4.667	-10.1	-3.3	-1.6	11.4	-20.7	0.0	0.0	15.2	-27.6		
4.700	-12.2	-3.9	-1.9	10.0	-20.7	0.0	0.0	13.4	-27.6		
4.750	-15.3	-4.9	-2.4	8.0	-23.2	0.0	0.0	10.6	-30.8		
4.768	-16.5	-5.3	-2.6	5.9	-24.4	0.0	0.0	7.9	-32.5		
4.792	-18.4	-5.9	-2.9	10.3	-26.6	0.0	0.0	13.7	-35.4		
4.800	-18.9	-6.0	-3.0	10.0	-25.6	0.0	0.0	13.3	-34.1		
4.850	-22.0	-7.0	-3.4	7.3	-28.4	0.0	0.0	9.8	-37.8		
4.887	-24.4	-7.7	-3.8	4.5	-30.1	0.0	0.0	6.0	-40.1		
4.896	-25.0	-7.9	-3.9	4.5	-30.1	0.0	0.0	6.0	-40.1		
4.900	-25.2	-8.0	-3.9	4.9	-30.1	0.0	0.0	6.5	-40.1		
4.950	-28.6	-9.0	-4.4	3.1	-32.2	0.0	0.0	4.1	-42.8		
5.000	-32.1	-9.9	-4.9	3.1	-35.8	0.0	0.0	4.1	-47.6		
5.000	31.4	10.0	4.9	32.9	-3.4	0.0	0.0	43.7	-4.5		
5.021	30.0	9.5	4.7	32.9	-3.4	0.0	0.0	43.7	-4.5		
5.042	28.5	9.1	4.5	32.9	-3.4	0.0	0.0	43.7	-4.5		
5.050	28.0	8.8	4.3	32.2	-3.2	0.0	0.0	42.8	-4.3		
5.100	24.6	7.8	3.9	29.5	-3.9	0.0	0.0	39.3	-5.2		
5.112	23.7	7.6	3.7	28.3	-4.5	0.0	0.0	37.6	-6.0		
5.150	21.3	6.9	3.4	27.1	-5.6	0.0	0.0	36.0	-7.5		
5.167	20.3	6.5	3.2	26.5	-7.2	0.0	0.0	35.2	-9.6		
5.200	18.2	5.9	2.9	24.6	-9.3	0.0	0.0	32.7	-12.4		
5.238	15.8	5.1	2.5	21.5	-9.0	0.0	0.0	28.7	-12.0		
5.250	15.0	4.9	2.4	22.0	-9.0	0.0	0.0	29.2	-12.0		
5.292	13.1	4.1	2.0	23.8	-14.4	0.0	0.0	31.6	-19.1		
5.300	12.6	4.0	1.9	23.6	-9.2	0.0	0.0	31.3	-12.2		
5.350	9.5	3.0	1.5	21.1	-8.9	0.0	0.0	28.1	-11.8		
5.400	6.3	2.0	1.0	18.7	-10.8	0.0	0.0	24.9	-14.4		
5.417	5.3	1.6	0.8	18.1	-13.7	0.0	0.0	24.1	-18.2		
5.450	3.2	1.0	0.5	16.4	-13.7	0.0	0.0	21.8	-18.2		
5.500	0.1	0.0	0.0	14.0	-15.4	0.0	0.0	18.7	-20.5		
5.501	0.0	0.0	0.0	14.0	-13.9	0.0	0.0	18.7	-18.5		
5.542	-2.6	-0.8	-0.4	16.3	-20.0	0.0	0.0	21.7	-26.6		
5.550	-2.6	-0.9	-0.5	16.5	-16.0	0.0	0.0	22.0	-21.3		
5.600	-5.8	-1.9	-0.9	14.2	-16.1	0.0	0.0	18.9	-21.4		
5.650	-8.9	-2.9	-1.4	12.1	-18.1	0.0	0.0	16.1	-24.1		
5.667	-10.0	-3.3	-1.6	11.4	-20.7	0.0	0.0	15.2	-27.6		
5.700	-12.1	-3.9	-1.9	10.0	-20.7	0.0	0.0	13.4	-27.6		
5.750	-15.2	-4.9	-2.4	8.0	-23.1	0.0	0.0	10.6	-30.7		
5.767	-16.3	-5.2	-2.6	5.9	-24.4	0.0	0.0	7.9	-32.5		
5.792	-18.3	-5.8	-2.9	10.3	-26.6	0.0	0.0	13.7	-35.4		
5.800	-18.8	-6.0	-2.9	10.0	-25.6	0.0	0.0	13.3	-34.1		
5.850	-21.9	-7.0	-3.4	7.3	-28.4	0.0	0.0	9.8	-37.8		
5.888	-24.3	-7.7	-3.8	4.5	-30.1	0.0	0.0	6.0	-40.1		
5.896	-24.9	-7.9	-3.9	4.5	-30.1	0.0	0.0	6.0	-40.1		
5.900	-25.1	-8.0	-3.9	4.9	-30.1	0.0	0.0	6.5	-40.1		
5.950	-28.5	-8.9	-4.4	3.1	-32.2	0.0	0.0	4.1	-42.8		
6.000	-32.0	-9.9	-4.9	3.1	-35.8	0.0	0.0	4.1	-47.6		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.000		31.5	10.0	4.9	32.9	-3.0	0.0	0.0	43.7	-4.0		
6.021		30.1	9.6	4.7	32.9	-3.0	0.0	0.0	43.7	-4.0		
6.042		28.6	9.1	4.5	32.9	-3.0	0.0	0.0	43.7	-4.0		
6.050		28.0	8.9	4.3	32.1	-2.8	0.0	0.0	42.8	-3.7		
6.100		24.6	7.9	3.9	29.5	-3.8	0.0	0.0	39.3	-5.0		
6.112		23.8	7.6	3.7	28.3	-4.4	0.0	0.0	37.6	-5.9		
6.150		21.4	6.9	3.4	27.1	-5.6	0.0	0.0	36.0	-7.5		
6.167		20.3	6.5	3.2	26.5	-7.2	0.0	0.0	35.2	-9.6		
6.200		18.3	5.9	2.9	24.6	-9.2	0.0	0.0	32.7	-12.2		
6.237		15.9	5.2	2.5	21.5	-9.0	0.0	0.0	28.6	-12.0		
6.250		15.1	4.9	2.4	22.0	-9.0	0.0	0.0	29.2	-12.0		
6.292		13.2	4.1	2.0	23.8	-14.4	0.0	0.0	31.6	-19.1		
6.300		12.7	4.0	2.0	23.6	-9.2	0.0	0.0	31.3	-12.2		
6.350		9.6	3.0	1.5	21.1	-8.9	0.0	0.0	28.1	-11.8		
6.400		6.4	2.0	1.0	18.7	-10.8	0.0	0.0	24.9	-14.4		
6.417		5.3	1.7	0.8	18.1	-13.7	0.0	0.0	24.1	-18.2		
6.450		3.3	1.0	0.5	16.3	-13.7	0.0	0.0	21.7	-18.2		
6.500		0.1	0.0	0.0	14.0	-15.5	0.0	0.0	18.6	-20.6		
6.502		0.0	0.0	0.0	14.0	-14.0	0.0	0.0	18.6	-18.7		
6.542		-2.5	-0.8	-0.4	16.3	-20.0	0.0	0.0	21.7	-26.6		
6.550		-2.6	-0.9	-0.5	16.5	-16.0	0.0	0.0	21.9	-21.3		
6.600		-5.7	-1.9	-0.9	14.2	-16.1	0.0	0.0	18.9	-21.4		
6.650		-8.9	-2.9	-1.4	12.1	-18.1	0.0	0.0	16.1	-24.1		
6.667		-10.0	-3.2	-1.6	11.5	-20.7	0.0	0.0	15.3	-27.6		
6.700		-12.0	-3.9	-1.9	10.1	-20.7	0.0	0.0	13.4	-27.6		
6.750		-15.2	-4.9	-2.4	8.0	-23.4	0.0	0.0	10.6	-31.1		
6.771		-16.5	-5.3	-2.6	5.9	-24.4	0.0	0.0	7.9	-32.5		
6.792		-18.2	-5.8	-2.9	10.3	-26.6	0.0	0.0	13.7	-35.4		
6.800		-18.7	-6.0	-2.9	10.0	-25.6	0.0	0.0	13.3	-34.0		
6.850		-21.8	-6.9	-3.4	7.3	-26.0	0.0	0.0	9.8	-34.6		
6.896		-24.7	-7.9	-3.9	4.5	-30.1	0.0	0.0	6.0	-40.1		
6.900		-25.0	-7.9	-3.9	4.9	-30.1	0.0	0.0	6.5	-40.1		
6.950		-28.4	-8.9	-4.4	3.1	-32.2	0.0	0.0	4.2	-42.8		
7.000		-31.8	-9.9	-4.9	3.1	-35.8	0.0	0.0	4.1	-47.6		
7.000		32.0	10.2	5.0	32.7	-1.1	0.0	0.0	43.5	-1.4		
7.026		30.5	9.8	4.8	32.7	-1.1	0.0	0.0	43.5	-1.4		
7.050		29.3	9.4	4.6	32.8	-2.0	0.0	0.0	43.7	-2.6		
7.053		29.2	9.3	4.6	33.0	-2.1	0.0	0.0	43.9	-2.9		
7.100		26.6	8.5	4.2	30.7	-3.3	0.0	0.0	40.8	-4.5		
7.125		25.3	8.1	4.0	28.6	-3.3	0.0	0.0	38.0	-4.4		
7.150		24.0	7.7	3.8	28.5	-5.4	0.0	0.0	37.8	-7.2		
7.200		21.5	6.9	3.4	26.4	-7.3	0.0	0.0	35.1	-9.7		
7.209		21.0	6.7	3.3	26.4	-7.1	0.0	0.0	35.1	-9.5		
7.250		19.0	6.1	3.0	22.4	-9.3	0.0	0.0	29.8	-12.4		
7.279		17.5	5.6	2.8	22.4	-8.4	0.0	0.0	29.8	-11.2		
7.300		16.4	5.3	2.6	20.4	-11.5	0.0	0.0	27.1	-15.3		
7.350		13.9	4.5	2.2	19.9	-13.7	0.0	0.0	26.4	-18.2		
7.365		13.6	4.3	2.1	23.8	-13.8	0.0	0.0	31.7	-18.4		
7.400		11.9	3.8	1.9	19.9	-10.1	0.0	0.0	26.5	-13.5		
7.450		9.4	3.0	1.5	17.8	-11.8	0.0	0.0	23.6	-15.7		
7.500		6.9	2.2	1.1	17.0	-13.7	0.0	0.0	22.5	-18.2		
7.522		5.8	1.8	0.9	17.0	-14.1	0.0	0.0	22.5	-18.8		
7.550		4.3	1.4	0.7	13.7	-15.7	0.0	0.0	18.3	-20.9		
7.600		1.8	0.6	0.3	11.4	-17.8	0.0	0.0	15.1	-23.6		
7.636		0.0	0.0	0.0	11.4	-16.7	0.0	0.0	15.1	-22.2		
7.650		-0.7	-0.2	-0.1	10.7	-19.8	0.0	0.0	14.2	-26.4		
7.678		-2.1	-0.7	-0.3	17.0	-20.5	0.0	0.0	22.6	-27.3		
7.700		-2.7	-0.9	-0.4	12.4	-15.9	0.0	0.0	16.5	-21.2		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
7.750		-5.2	-1.7	-0.8	12.7	-18.4	0.0	0.0	16.9	-24.4		
7.800		-7.7	-2.5	-1.2	10.1	-20.9	0.0	0.0	13.4	-27.8		
7.839		-9.7	-3.1	-1.5	8.0	-21.6	0.0	0.0	10.6	-28.7		
7.850		-10.3	-3.3	-1.6	5.4	-23.6	0.0	0.0	7.2	-31.4		
7.900		-12.8	-4.1	-2.0	3.3	-26.8	0.0	0.0	4.4	-35.6		
7.942		-14.9	-4.8	-2.3	3.3	-29.9	0.0	0.0	4.4	-39.8		
7.950		-15.3	-4.9	-2.4	3.1	-30.7	0.0	0.0	4.1	-40.8		
7.958		-15.7	-5.0	-2.5	3.1	-30.7	0.0	0.0	4.1	-40.8		
8.000		-18.0	-5.7	-2.8	3.1	-30.7	0.0	0.0	4.1	-40.8		
8.000	0.2		0.2	0.1	14.9	0.0	0.0	0.0	19.9	0.0		
8.375	0.1		0.1	0.0	10.4	0.0	0.0	0.0	13.9	0.0		
9.000	0.0		0.0	0.0	10.4	0.0	0.0	0.0	13.9	0.0		

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000		0.0	0.0	0.0	0.0	-14.0	0.0	0.0	0.0	-18.6		
0.625		-0.1	-0.1	0.0	0.0	-14.0	0.0	0.0	0.0	-18.6		
1.000		-0.2	-0.2	-0.1	0.0	-14.0	0.0	0.0	0.0	-18.6		
1.000	15.1		4.8	2.3	19.1	-2.3	0.0	0.0	25.4	-3.0		
1.000	15.1		4.7	2.3	19.1	-2.3	0.0	0.0	25.4	-3.0		
1.049	12.8		4.1	1.9	19.1	-2.8	0.0	0.0	25.4	-3.7		
1.050	12.7		4.1	1.9	18.6	-2.8	0.0	0.0	24.8	-3.7		
1.100	10.5		3.4	1.6	16.5	-3.9	0.0	0.0	22.0	-5.2		
1.109	10.1		3.2	1.5	16.5	-4.2	0.0	0.0	22.0	-5.6		
1.150	8.3		2.7	1.2	14.5	-5.3	0.0	0.0	19.3	-7.1		
1.169	7.5		2.4	1.1	14.5	-5.7	0.0	0.0	19.3	-7.6		
1.173	7.3		2.4	1.1	14.1	-5.7	0.0	0.0	18.7	-7.6		
1.188	6.7		2.1	1.0	13.9	-6.4	0.0	0.0	18.4	-8.6		
1.200	6.1		2.0	0.9	12.5	-6.5	0.0	0.0	16.6	-8.7		
1.250	3.9		1.3	0.6	11.2	-8.4	0.0	0.0	14.9	-11.1		
1.300	1.7		0.6	0.2	9.9	-9.9	0.0	0.0	13.2	-13.2		
1.346	-0.3		-0.1	-0.1	12.3	-11.5	0.0	0.0	16.4	-15.3		
1.350	0.1		-0.1	0.0	11.4	-8.5	0.0	0.0	15.1	-11.3		
1.353	0.0		-0.1	0.0	11.4	-7.8	0.0	0.0	15.1	-10.4		
1.400	-2.1		-0.8	-0.3	10.2	-9.3	0.0	0.0	13.5	-12.4		
1.450	-4.3		-1.4	-0.7	9.1	-10.4	0.0	0.0	12.1	-13.9		
1.500	-6.5		-2.1	-1.0	8.5	-11.5	0.0	0.0	11.3	-15.3		
1.525	-7.6		-2.5	-1.2	8.5	-12.0	0.0	0.0	11.3	-16.0		
1.550	-8.7		-2.8	-1.3	7.0	-12.6	0.0	0.0	9.4	-16.7		
1.600	-10.9		-3.5	-1.7	6.4	-13.7	0.0	0.0	8.6	-18.3		
1.650	-13.1		-4.2	-2.0	5.0	-15.0	0.0	0.0	6.6	-19.9		
1.692	-15.0		-4.8	-2.3	4.6	-16.2	0.0	0.0	6.1	-21.5		
1.700	-15.3		-4.9	-2.4	5.0	-16.2	0.0	0.0	6.6	-21.5		
1.703	-15.7		-5.0	-2.4	8.0	-16.1	0.0	0.0	10.7	-21.5		
1.750	-17.8		-5.7	-2.7	5.1	-16.3	0.0	0.0	6.8	-21.6		
1.800	-20.0		-6.4	-3.1	4.3	-17.7	0.0	0.0	5.7	-23.5		
1.850	-22.2		-7.1	-3.4	2.6	-19.2	0.0	0.0	3.5	-25.6		
1.852	-22.2		-7.1	-3.4	2.6	-19.2	0.0	0.0	3.5	-25.5		
1.893	-24.1		-7.6	-3.7	1.6	-20.8	0.0	0.0	2.1	-27.7		
1.900	-24.4		-7.7	-3.8	1.7	-20.8	0.0	0.0	2.3	-27.7		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
1.950		-26.7	-8.4	-4.1	1.2	-22.5	0.0	0.0	1.6	-30.0		
2.000		-29.0	-9.1	-4.4	1.2	-22.5	0.0	0.0	1.6	-30.0		
2.000	29.8		9.6	4.7	21.2	-2.2	0.0	0.0	28.2	-2.9		
2.021	28.4		9.2	4.5	21.2	-2.2	0.0	0.0	28.2	-2.9		
2.042	27.1		8.8	4.3	21.3	-2.2	0.0	0.0	28.4	-2.9		
2.050	26.6		8.5	4.2	20.9	-2.0	0.0	0.0	27.8	-2.7		
2.075	24.9		8.0	3.9	19.8	-2.1	0.0	0.0	26.3	-2.8		
2.100	23.4		7.5	3.7	19.2	-2.8	0.0	0.0	25.6	-3.8		
2.150	20.2		6.5	3.2	17.6	-3.9	0.0	0.0	23.4	-5.2		
2.167	19.1		6.2	3.0	17.2	-5.2	0.0	0.0	22.9	-6.9		
2.200	17.1		5.5	2.7	16.0	-5.2	0.0	0.0	21.3	-6.9		
2.202	17.0		5.5	2.7	16.0	-4.5	0.0	0.0	21.3	-6.0		
2.250	13.9		4.5	2.2	14.4	-6.4	0.0	0.0	19.2	-8.5		
2.292	12.1		3.8	1.8	15.6	-9.8	0.0	0.0	20.7	-13.0		
2.300	11.6		3.6	1.8	15.5	-6.3	0.0	0.0	20.7	-8.4		
2.350	8.4		2.6	1.3	14.0	-6.1	0.0	0.0	18.6	-8.1		
2.400	5.3		1.7	0.8	12.4	-7.4	0.0	0.0	16.5	-9.9		
2.417	4.2		1.3	0.6	12.0	-9.2	0.0	0.0	15.9	-12.2		
2.450	2.1		0.7	0.3	11.0	-10.4	0.0	0.0	14.6	-13.9		
2.484	0.0		0.0	0.0	8.9	-10.1	0.0	0.0	11.9	-13.5		
2.500	-1.0		-0.3	-0.2	9.5	-10.1	0.0	0.0	12.6	-13.5		
2.542	-3.7		-1.2	-0.6	10.9	-13.3	0.0	0.0	14.5	-17.7		
2.550	-3.7		-1.3	-0.6	11.1	-10.5	0.0	0.0	14.7	-14.0		
2.600	-6.8		-2.3	-1.1	9.6	-10.6	0.0	0.0	12.8	-14.1		
2.650	-10.0		-3.3	-1.6	8.2	-11.9	0.0	0.0	10.9	-15.8		
2.667	-11.1		-3.6	-1.8	7.8	-13.6	0.0	0.0	10.3	-18.0		
2.700	-13.1		-4.3	-2.1	6.9	-13.6	0.0	0.0	9.2	-18.0		
2.750	-16.3		-5.2	-2.6	5.5	-15.2	0.0	0.0	7.4	-20.2		
2.768	-17.4		-5.6	-2.8	4.2	-15.9	0.0	0.0	5.6	-21.2		
2.792	-19.4		-6.2	-3.0	7.2	-17.4	0.0	0.0	9.6	-23.1		
2.800	-19.8		-6.3	-3.1	7.1	-16.6	0.0	0.0	9.4	-22.1		
2.850	-23.0		-7.3	-3.6	5.0	-18.5	0.0	0.0	6.6	-24.6		
2.887	-25.3		-8.1	-4.0	3.0	-19.5	0.0	0.0	3.9	-26.0		
2.896	-25.9		-8.2	-4.0	3.0	-19.5	0.0	0.0	3.9	-26.0		
2.900	-26.2		-8.3	-4.1	3.2	-19.5	0.0	0.0	4.3	-26.0		
2.950	-29.6		-9.3	-4.6	1.9	-20.9	0.0	0.0	2.5	-27.8		
3.000	-33.0		-10.3	-5.0	1.4	-23.2	0.0	0.0	1.8	-30.8		
3.000	31.8	10.1	4.9	21.4	-2.2	0.0	0.0	28.4	-2.9			
3.021	30.3	9.6	4.7	21.4	-2.2	0.0	0.0	28.4	-2.9			
3.042	28.9	9.2	4.5	21.4	-2.2	0.0	0.0	28.4	-2.9			
3.050	28.3	8.9	4.4	20.8	-2.0	0.0	0.0	27.7	-2.7			
3.100	24.9	7.9	3.9	19.2	-2.8	0.0	0.0	25.5	-3.7			
3.112	24.0	7.7	3.8	18.4	-3.1	0.0	0.0	24.5	-4.1			
3.150	21.6	7.0	3.4	17.6	-3.8	0.0	0.0	23.4	-5.1			
3.167	20.6	6.6	3.2	17.2	-5.1	0.0	0.0	22.9	-6.8			
3.200	18.5	6.0	2.9	16.1	-5.1	0.0	0.0	21.4	-6.8			
3.248	15.5	5.0	2.5	14.1	-6.3	0.0	0.0	18.7	-8.4			
3.250	15.4	5.0	2.4	14.4	-6.3	0.0	0.0	19.2	-8.4			
3.292	13.4	4.2	2.1	15.6	-9.7	0.0	0.0	20.7	-12.9			
3.300	12.9	4.1	2.0	15.5	-6.3	0.0	0.0	20.6	-8.4			
3.350	9.8	3.1	1.5	13.9	-6.1	0.0	0.0	18.6	-8.1			
3.400	6.6	2.1	1.0	12.4	-7.4	0.0	0.0	16.5	-9.9			
3.417	5.6	1.7	0.9	12.0	-9.2	0.0	0.0	15.9	-12.2			
3.450	3.5	1.1	0.5	10.9	-9.2	0.0	0.0	14.6	-12.2			
3.500	0.4	0.1	0.1	9.5	-10.6	0.0	0.0	12.6	-14.1			
3.506	0.0	0.0	0.0	9.5	-9.7	0.0	0.0	12.6	-12.9			
3.542	-2.3	-0.7	-0.4	10.9	-13.3	0.0	0.0	14.5	-17.7			

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-8 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
3.550	-2.3	-0.8	-0.4	11.1	-10.5	0.0	0.0	14.7	-14.0		
3.600	-5.5	-1.8	-0.9	9.6	-10.6	0.0	0.0	12.8	-14.1		
3.650	-8.6	-2.8	-1.4	8.2	-11.9	0.0	0.0	10.9	-15.9		
3.667	-9.7	-3.2	-1.5	7.8	-13.6	0.0	0.0	10.3	-18.1		
3.700	-11.8	-3.8	-1.9	6.9	-13.6	0.0	0.0	9.2	-18.1		
3.750	-14.9	-4.8	-2.4	5.5	-15.1	0.0	0.0	7.4	-20.1		
3.768	-16.0	-5.1	-2.5	4.2	-15.9	0.0	0.0	5.6	-21.2		
3.792	-18.0	-5.7	-2.8	7.2	-17.4	0.0	0.0	9.6	-23.1		
3.800	-18.5	-5.9	-2.9	7.1	-16.6	0.0	0.0	9.4	-22.1		
3.850	-21.6	-6.9	-3.4	5.0	-18.5	0.0	0.0	6.6	-24.6		
3.887	-24.0	-7.6	-3.7	3.2	-19.6	0.0	0.0	4.3	-26.0		
3.896	-24.6	-7.8	-3.8	3.2	-19.6	0.0	0.0	4.3	-26.0		
3.900	-24.8	-7.9	-3.9	3.5	-19.6	0.0	0.0	4.6	-26.0		
3.950	-28.2	-8.8	-4.3	2.1	-20.9	0.0	0.0	2.8	-27.8		
4.000	-31.7	-9.8	-4.8	1.9	-23.2	0.0	0.0	2.6	-30.8		
4.000	31.3	9.9	4.9	21.4	-2.2	0.0	0.0	28.4	-2.9		
4.021	29.9	9.5	4.7	21.4	-2.2	0.0	0.0	28.4	-2.9		
4.042	28.5	9.1	4.5	21.4	-2.2	0.0	0.0	28.4	-2.9		
4.050	27.9	8.8	4.3	20.8	-2.0	0.0	0.0	27.7	-2.7		
4.100	24.5	7.8	3.8	19.2	-2.8	0.0	0.0	25.5	-3.7		
4.112	23.6	7.6	3.7	18.4	-3.1	0.0	0.0	24.5	-4.1		
4.150	21.2	6.8	3.3	17.6	-3.8	0.0	0.0	23.4	-5.1		
4.167	20.2	6.5	3.2	17.2	-5.1	0.0	0.0	22.9	-6.8		
4.200	18.1	5.8	2.9	16.0	-6.3	0.0	0.0	21.3	-8.4		
4.234	15.9	5.2	2.5	14.1	-6.3	0.0	0.0	18.7	-8.4		
4.250	15.0	4.8	2.4	14.4	-6.3	0.0	0.0	19.1	-8.4		
4.292	13.0	4.1	2.0	15.6	-9.7	0.0	0.0	20.7	-12.9		
4.300	12.5	3.9	1.9	15.5	-6.3	0.0	0.0	20.6	-8.4		
4.350	9.4	2.9	1.4	14.0	-6.1	0.0	0.0	18.6	-8.1		
4.400	6.3	2.0	1.0	12.4	-7.4	0.0	0.0	16.5	-9.9		
4.417	5.2	1.6	0.8	12.0	-9.2	0.0	0.0	15.9	-12.2		
4.450	3.1	1.0	0.5	10.9	-9.2	0.0	0.0	14.6	-12.2		
4.499	0.0	0.0	0.0	8.9	-10.3	0.0	0.0	11.9	-13.7		
4.500	0.0	0.0	0.0	9.5	-10.3	0.0	0.0	12.6	-13.7		
4.542	-2.7	-0.9	-0.4	10.9	-13.3	0.0	0.0	14.5	-17.7		
4.550	-2.7	-1.0	-0.5	11.1	-10.5	0.0	0.0	14.7	-14.0		
4.600	-5.9	-2.0	-1.0	9.6	-10.6	0.0	0.0	12.8	-14.1		
4.650	-9.0	-3.0	-1.4	8.2	-11.9	0.0	0.0	10.9	-15.9		
4.667	-10.1	-3.3	-1.6	7.8	-13.6	0.0	0.0	10.3	-18.1		
4.700	-12.2	-3.9	-1.9	6.9	-13.6	0.0	0.0	9.2	-18.1		
4.750	-15.3	-4.9	-2.4	5.5	-15.2	0.0	0.0	7.4	-20.2		
4.768	-16.5	-5.3	-2.6	4.2	-15.9	0.0	0.0	5.6	-21.2		
4.792	-18.4	-5.9	-2.9	7.2	-17.4	0.0	0.0	9.6	-23.1		
4.800	-18.9	-6.0	-3.0	7.1	-16.6	0.0	0.0	9.4	-22.1		
4.850	-22.0	-7.0	-3.4	5.0	-18.5	0.0	0.0	6.6	-24.6		
4.887	-24.4	-7.7	-3.8	3.2	-19.6	0.0	0.0	4.3	-26.0		
4.896	-25.0	-7.9	-3.9	3.2	-19.6	0.0	0.0	4.3	-26.0		
4.900	-25.2	-8.0	-3.9	3.5	-19.6	0.0	0.0	4.6	-26.0		
4.950	-28.6	-9.0	-4.4	2.1	-20.9	0.0	0.0	2.8	-27.8		
5.000	-32.1	-9.9	-4.9	1.9	-23.2	0.0	0.0	2.6	-30.8		
5.000	31.4	10.0	4.9	21.4	-2.2	0.0	0.0	28.4	-2.9		
5.021	30.0	9.5	4.7	21.4	-2.2	0.0	0.0	28.4	-2.9		
5.042	28.5	9.1	4.5	21.4	-2.2	0.0	0.0	28.4	-2.9		
5.050	28.0	8.8	4.3	20.8	-2.0	0.0	0.0	27.7	-2.7		
5.100	24.6	7.8	3.9	19.2	-2.8	0.0	0.0	25.5	-3.7		
5.112	23.7	7.6	3.7	18.4	-3.1	0.0	0.0	24.5	-4.1		
5.150	21.3	6.9	3.4	17.6	-3.8	0.0	0.0	23.4	-5.1		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
5.167	20.3	6.5	3.2	17.2	-5.1	0.0	0.0	22.9	-6.8		
5.200	18.2	5.9	2.9	16.0	-6.6	0.0	0.0	21.3	-8.7		
5.238	15.8	5.1	2.5	14.1	-6.3	0.0	0.0	18.7	-8.4		
5.250	15.0	4.9	2.4	14.4	-6.3	0.0	0.0	19.1	-8.4		
5.292	13.1	4.1	2.0	15.6	-9.7	0.0	0.0	20.7	-12.9		
5.300	12.6	4.0	1.9	15.5	-6.3	0.0	0.0	20.6	-8.4		
5.350	9.5	3.0	1.5	13.9	-6.1	0.0	0.0	18.6	-8.1		
5.400	6.3	2.0	1.0	12.4	-7.4	0.0	0.0	16.5	-9.9		
5.417	5.3	1.6	0.8	12.0	-9.2	0.0	0.0	15.9	-12.2		
5.450	3.2	1.0	0.5	10.9	-9.2	0.0	0.0	14.6	-12.2		
5.500	0.1	0.0	0.0	9.5	-10.4	0.0	0.0	12.6	-13.8		
5.501	0.0	0.0	0.0	9.5	-9.4	0.0	0.0	12.6	-12.5		
5.542	-2.6	-0.8	-0.4	10.9	-13.3	0.0	0.0	14.5	-17.7		
5.550	-2.6	-0.9	-0.5	11.1	-10.5	0.0	0.0	14.7	-14.0		
5.600	-5.8	-1.9	-0.9	9.6	-10.6	0.0	0.0	12.8	-14.1		
5.650	-8.9	-2.9	-1.4	8.2	-11.9	0.0	0.0	10.9	-15.9		
5.667	-10.0	-3.3	-1.6	7.8	-13.6	0.0	0.0	10.3	-18.1		
5.700	-12.1	-3.9	-1.9	6.9	-13.6	0.0	0.0	9.2	-18.1		
5.750	-15.2	-4.9	-2.4	5.5	-15.1	0.0	0.0	7.4	-20.1		
5.767	-16.3	-5.2	-2.6	4.2	-15.9	0.0	0.0	5.6	-21.2		
5.792	-18.3	-5.8	-2.9	7.2	-17.4	0.0	0.0	9.6	-23.1		
5.800	-18.8	-6.0	-2.9	7.1	-16.6	0.0	0.0	9.4	-22.1		
5.850	-21.9	-7.0	-3.4	5.0	-18.5	0.0	0.0	6.6	-24.6		
5.888	-24.3	-7.7	-3.8	3.2	-19.6	0.0	0.0	4.3	-26.0		
5.896	-24.9	-7.9	-3.9	3.2	-19.6	0.0	0.0	4.3	-26.0		
5.900	-25.1	-8.0	-3.9	3.5	-19.6	0.0	0.0	4.6	-26.0		
5.950	-28.5	-8.9	-4.4	2.1	-20.9	0.0	0.0	2.8	-27.8		
6.000	-32.0	-9.9	-4.9	1.9	-23.2	0.0	0.0	2.6	-30.8		
6.000	31.5	10.0	4.9	21.4	-1.9	0.0	0.0	28.4	-2.5		
6.021	30.1	9.6	4.7	21.4	-1.9	0.0	0.0	28.4	-2.5		
6.042	28.6	9.1	4.5	21.4	-2.1	0.0	0.0	28.4	-2.8		
6.050	28.0	8.9	4.3	20.8	-1.8	0.0	0.0	27.7	-2.4		
6.100	24.6	7.9	3.9	19.2	-2.8	0.0	0.0	25.5	-3.7		
6.112	23.8	7.6	3.7	18.4	-3.1	0.0	0.0	24.5	-4.1		
6.150	21.4	6.9	3.4	17.6	-3.8	0.0	0.0	23.4	-5.1		
6.167	20.3	6.5	3.2	17.2	-5.1	0.0	0.0	22.9	-6.8		
6.200	18.3	5.9	2.9	16.0	-6.5	0.0	0.0	21.3	-8.6		
6.237	15.9	5.2	2.5	14.1	-6.3	0.0	0.0	18.7	-8.4		
6.250	15.1	4.9	2.4	14.4	-6.3	0.0	0.0	19.1	-8.4		
6.292	13.2	4.1	2.0	15.5	-9.7	0.0	0.0	20.7	-13.0		
6.300	12.7	4.0	2.0	15.5	-6.3	0.0	0.0	20.6	-8.4		
6.350	9.6	3.0	1.5	13.9	-6.1	0.0	0.0	18.5	-8.1		
6.400	6.4	2.0	1.0	12.4	-7.4	0.0	0.0	16.5	-9.9		
6.417	5.3	1.7	0.8	11.9	-9.2	0.0	0.0	15.9	-12.2		
6.450	3.3	1.0	0.5	10.9	-9.2	0.0	0.0	14.5	-12.2		
6.500	0.1	0.0	0.0	9.5	-10.4	0.0	0.0	12.6	-13.9		
6.502	0.0	0.0	0.0	9.5	-9.5	0.0	0.0	12.6	-12.6		
6.542	-2.5	-0.8	-0.4	10.9	-13.3	0.0	0.0	14.5	-17.7		
6.550	-2.6	-0.9	-0.5	11.1	-10.5	0.0	0.0	14.7	-14.0		
6.600	-5.7	-1.9	-0.9	9.6	-10.6	0.0	0.0	12.8	-14.1		
6.650	-8.9	-2.9	-1.4	8.2	-11.9	0.0	0.0	10.9	-15.9		
6.667	-10.0	-3.2	-1.6	7.8	-13.6	0.0	0.0	10.3	-18.1		
6.700	-12.0	-3.9	-1.9	6.9	-13.6	0.0	0.0	9.2	-18.1		
6.750	-15.2	-4.9	-2.4	5.6	-15.3	0.0	0.0	7.4	-20.3		
6.771	-16.5	-5.3	-2.6	4.2	-15.9	0.0	0.0	5.6	-21.2		
6.792	-18.2	-5.8	-2.9	7.2	-17.4	0.0	0.0	9.6	-23.1		
6.800	-18.7	-6.0	-2.9	7.1	-16.6	0.0	0.0	9.4	-22.1		
6.850	-21.8	-6.9	-3.4	5.0	-16.9	0.0	0.0	6.6	-22.5		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 2 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-8 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.896	-24.7	-7.9	-3.9	3.2	-19.6	0.0	0.0	4.3	-26.0		
6.900	-25.0	-7.9	-3.9	3.5	-19.6	0.0	0.0	4.6	-26.0		
6.950	-28.4	-8.9	-4.4	2.1	-20.9	0.0	0.0	2.8	-27.8		
7.000	-31.8	-9.9	-4.9	2.0	-23.2	0.0	0.0	2.6	-30.8		
7.000	32.0	10.2	5.0	21.3	-0.7	0.0	0.0	28.3	-0.9		
7.026	30.5	9.8	4.8	21.3	-0.7	0.0	0.0	28.3	-0.9		
7.050	29.3	9.4	4.6	21.4	-1.8	0.0	0.0	28.4	-2.4		
7.053	29.2	9.3	4.6	21.4	-2.0	0.0	0.0	28.4	-2.6		
7.100	26.6	8.5	4.2	19.9	-2.6	0.0	0.0	26.5	-3.5		
7.125	25.3	8.1	4.0	18.6	-2.6	0.0	0.0	24.7	-3.4		
7.150	24.0	7.7	3.8	18.5	-3.7	0.0	0.0	24.6	-4.9		
7.200	21.5	6.9	3.4	17.2	-5.1	0.0	0.0	22.9	-6.8		
7.209	21.0	6.7	3.3	17.2	-5.1	0.0	0.0	22.9	-6.7		
7.250	19.0	6.1	3.0	14.7	-6.6	0.0	0.0	19.5	-8.7		
7.279	17.5	5.6	2.8	14.7	-6.0	0.0	0.0	19.5	-7.9		
7.300	16.4	5.3	2.6	13.3	-7.9	0.0	0.0	17.8	-10.5		
7.350	13.9	4.5	2.2	13.0	-9.3	0.0	0.0	17.3	-12.3		
7.365	13.6	4.3	2.1	15.7	-9.4	0.0	0.0	20.9	-12.5		
7.400	11.9	3.8	1.9	13.2	-6.9	0.0	0.0	17.5	-9.2		
7.450	9.4	3.0	1.5	11.8	-8.1	0.0	0.0	15.7	-10.7		
7.500	6.9	2.2	1.1	11.4	-9.3	0.0	0.0	15.1	-12.3		
7.522	5.8	1.8	0.9	11.4	-9.5	0.0	0.0	15.1	-12.7		
7.550	4.3	1.4	0.7	9.3	-10.5	0.0	0.0	12.4	-14.0		
7.600	1.8	0.6	0.3	7.8	-11.9	0.0	0.0	10.4	-15.8		
7.636	0.0	0.0	0.0	7.8	-11.2	0.0	0.0	10.4	-14.9		
7.650	-0.7	-0.2	-0.1	7.3	-13.2	0.0	0.0	9.8	-17.5		
7.678	-2.1	-0.7	-0.3	11.5	-13.6	0.0	0.0	15.3	-18.1		
7.700	-2.7	-0.9	-0.4	8.6	-10.5	0.0	0.0	11.4	-14.0		
7.750	-5.2	-1.7	-0.8	8.9	-12.1	0.0	0.0	11.9	-16.2		
7.800	-7.7	-2.5	-1.2	6.8	-13.8	0.0	0.0	9.1	-18.3		
7.839	-9.7	-3.1	-1.5	5.2	-14.2	0.0	0.0	6.9	-18.9		
7.850	-10.3	-3.3	-1.6	4.1	-15.5	0.0	0.0	5.4	-20.6		
7.900	-12.8	-4.1	-2.0	2.9	-17.6	0.0	0.0	3.9	-23.4		
7.942	-14.9	-4.8	-2.3	2.9	-19.6	0.0	0.0	3.9	-26.1		
7.950	-15.3	-4.9	-2.4	2.6	-20.1	0.0	0.0	3.5	-26.8		
7.958	-15.7	-5.0	-2.5	2.2	-20.1	0.0	0.0	2.9	-26.8		
8.000	-18.0	-5.7	-2.8	2.0	-20.1	0.0	0.0	2.6	-26.8		
8.000	0.2	0.2	0.1	14.0	0.0	0.0	0.0	18.6	0.0		
8.375	0.1	0.1	0.0	11.0	0.0	0.0	0.0	14.6	0.0		
9.000	0.0	0.0	0.0	11.0	0.0	0.0	0.0	14.6	0.0		

----- LOAD COMBINATION TABLES -----

COMBINATION TABLE: 1 LRFR2009 1-MaineDOT

LOAD COMBINATION				LOAD FACTORS				-6A.4.2.1-3-IMPACT FACT-ENVELOPE-			
#	NAME	CATEGORY	RATING	A-DL	B-DL	DW-DL	LL	FACTOR	TRK	LN	TYPE
1	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	MOM-MAX
2	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	MOM-MIN
3	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	SHR-MAX
4	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	SHR-MIN
5	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	MOM-MAX
6	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	MOM-MIN
7	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	SHR-MAX
8	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	SHR-MIN

----- LOAD COMBINATION TABLES -----

COMBINATION TABLE: 2 LRFR FATIGUE only

LOAD COMBINATION				LOAD FACTORS				-6A.4.2.1-3-	-IMPACT	FACT-	-ENVELOPE-
#	NAME	CATEGORY	RATING	A-DL	B-DL	DW-DL	LL	FACTOR	TRK	LN	TYPE
1	FATIGUE-INFINITE	FATIGUE-I LL	FAT-INF	1.000	1.000	1.000	1.500	1.000	1.150	0.000	MOM-MAX
2	FATIGUE-INFINITE	FATIGUE-I LL	FAT-INF	1.000	1.000	1.000	1.500	1.000	1.150	0.000	MOM-MIN

COMBINATION TABLE: 3 Maine Legal Runs

LOAD COMBINATION				LOAD FACTORS				-6A.4.2.1-3-	-IMPACT	FACT-	-ENVELOPE-
#	NAME	CATEGORY	RATING	A-DL	B-DL	DW-DL	LL	FACTOR	TRK	LN	TYPE
1	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	MOM-MAX
2	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	MOM-MIN
3	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	SHR-MAX
4	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	SHR-MIN

----- LOAD TEMPLATES -----

LL TEMPLATE NUMBER: 1
 LL PATTERN: 1 HL-93-ED
 COMBINATION TABLE: 1 LRFR2009 1-MaineDOT
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 2
 LL PATTERN: 1 HL-93-ED
 COMBINATION TABLE: 2 LRFR FATIGUE only
 LANE POSITIONS: MLW: No CLW: No CLO: No OLW: Yes OLO: No

LL TEMPLATE NUMBER: 3
 LL PATTERN: 1 MaineDOT_Config-1
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 4
 LL PATTERN: 1 MaineDOT_Config-2
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 5
 LL PATTERN: 1 MaineDOT_Config-3
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 6
 LL PATTERN: 1 MaineDOT_Config-4
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 7
 LL PATTERN: 1 MaineDOT_Config-5
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 8
 LL PATTERN: 1 MaineDOT_Config-6
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 9
 LL PATTERN: 1 MaineDOT_Config-7
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

----- LOAD TEMPLATES -----

LL TEMPLATE NUMBER:10
 LL PATTERN: 1 MaineDOT Config-8
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLV: No OLO: No

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY
 MULTI LANE WITH IMPACT
 LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
0.000	1	2	0	0	2	-3	0	0	3	0	2	4	4	-43	-1	
0.625	1	2	0	0	2	-20	0	-44	3	0	2	4	4	-44	-16	
1.000	1	2	0	0	2	-31	0	-44	3	0	2	4	4	-44	-2	
1.000	1	2	0	51	2	-31	0	62	3	111	-2	4	4	11	0	
1.000	1	2	0	84	2	-31	0	62	3	110	1	4	4	11	0	
1.049	1	293	0	105	2	26	0	8	3	105	292	4	4	8	27	
1.050	1	294	0	56	2	27	0	8	3	103	290	4	4	8	28	
1.100	1	525	0	90	2	43	0	4	3	90	517	4	4	2	235	
1.109	1	570	0	89	2	45	0	3	3	89	561	4	4	-1	271	
1.150	1	711	0	39	2	50	0	0	3	78	687	4	4	-9	420	
1.169	1	781	0	33	2	49	0	-1	3	76	767	4	4	-15	487	
1.173	1	787	0	32	2	49	0	-1	3	74	768	4	4	-15	485	
1.188	1	831	0	28	2	48	0	-2	3	72	816	4	4	-19	525	
1.200	1	851	0	28	2	46	0	-3	3	64	785	4	4	-18	522	
1.250	1	958	0	17	2	32	0	-7	3	54	884	4	4	-27	596	
1.300	1	1032	0	4	2	8	0	-10	3	45	939	4	4	-36	646	
1.346	1	1084	0	0	2	-23	0	-14	3	50	878	4	4	-36	684	
1.350	1	1080	0	-2	2	-26	0	-14	3	45	825	4	4	-33	685	
1.353	1	1080	0	-2	2	-29	0	-14	3	45	801	4	4	-34	711	
1.400	1	1104	0	-12	2	-71	0	-18	3	37	804	4	4	-41	723	
1.450	1	1096	0	-22	2	-126	0	-22	3	29	787	4	4	-49	718	
1.500	1	1059	0	-44	2	-192	0	-25	3	23	757	4	4	-58	690	
1.525	1	1047	0	-9	2	-228	0	-27	3	19	765	4	4	-64	680	
1.550	1	997	0	-54	2	-267	0	-29	3	13	665	4	4	-67	661	
1.600	1	900	0	-64	2	-353	0	-32	3	7	610	4	4	-77	567	
1.650	1	769	0	-75	2	-449	0	-36	3	-2	481	4	4	-88	440	
1.692	1	638	0	-81	2	-540	0	-42	3	-6	440	4	4	-99	308	
1.700	1	621	0	-49	2	-559	0	-43	3	-6	435	4	4	-98	270	
1.703	1	612	0	-51	2	-567	0	-46	3	1	339	4	4	-100	387	
1.750	1	443	0	-67	2	-693	0	-50	3	-8	194	4	4	-109	192	
1.800	1	249	0	-71	2	-842	0	-56	3	-15	90	4	4	-120	-48	
1.850	1	34	0	-65	2	-1011	0	-64	3	-26	-182	4	4	-132	-315	
1.852	1	28	0	-65	2	-1016	0	-64	3	-26	-184	4	4	-132	-328	
1.893	1	-120	0	-94	2	-1175	0	-94	3	-33	-308	4	4	-143	-577	
1.900	1	-153	0	-74	2	-1210	0	-93	3	-33	-322	4	4	-144	-626	
1.950	1	-274	0	-42	2	-1486	0	-110	3	-38	-390	4	4	-157	-978	
2.000	1	-392	0	-43	2	-1808	0	-118	3	-41	-500	4	4	-162	-1424	
2.000	1	-390	0	37	2	-1795	0	118	3	164	-1416	4	4	36	-408	
2.021	1	-330	0	35	2	-1596	0	111	3	161	-1141	4	4	34	-349	
2.042	1	-271	0	35	2	-1412	0	105	3	157	-981	4	4	32	-281	
2.050	1	-249	0	34	2	-1348	0	103	3	154	-922	4	4	32	-258	
2.075	1	-156	0	66	2	-1149	0	97	3	145	-682	4	4	29	-196	
2.100	1	-33	0	63	2	-960	0	90	3	138	-469	4	4	26	-103	
2.150	1	214	0	62	2	-626	0	76	3	124	-55	4	4	17	86	
2.167	1	303	0	51	2	-521	0	74	3	120	86	4	4	9	238	
2.200	1	449	0	65	2	-363	0	42	3	110	292	4	4	8	261	
2.202	1	459	0	65	2	-357	0	42	3	110	308	4	4	8	262	
2.250	1	686	0	59	2	-216	0	30	3	96	560	4	4	-1	381	
2.292	1	893	0	43	2	-125	0	25	3	94	704	4	4	-7	608	
2.300	1	916	0	80	2	-111	0	24	3	92	718	4	4	-5	611	
2.350	1	1115	0	67	2	-27	0	19	3	79	941	4	4	-10	633	

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
2.400	1	1253	0	53	2	36	0	13	3	65	1063	4	-20	724
2.417	1	1304	0	8	2	54	0	12	3	61	1110	4	-31	871
2.450	1	1343	0	-1	2	75	0	-1	3	51	1133	4	-36	879
2.484	1	1349	0	14	2	57	0	-10	3	39	1076	4	-42	870
2.500	1	1369	0	13	2	43	0	-12	3	39	1100	4	-41	826
2.542	1	1349	0	5	2	-4	0	-17	3	39	929	4	-53	1076
2.550	1	1339	0	2	2	-15	0	-18	3	39	919	4	-53	1070
2.600	1	1266	0	-10	2	-96	0	-23	3	28	883	4	-60	930
2.650	1	1136	0	-23	2	-199	0	-28	3	17	794	4	-72	808
2.667	1	1088	0	-28	2	-239	0	-30	3	12	749	4	-84	833
2.700	1	951	0	-36	2	-322	0	-33	3	7	663	4	-87	642
2.750	1	711	0	-55	2	-467	0	-40	3	-4	504	4	-101	395
2.768	1	618	0	-60	2	-527	0	-47	3	-11	392	4	-109	317
2.792	1	504	0	-61	2	-623	0	-55	3	-6	275	4	-119	240
2.800	1	466	0	-63	2	-658	0	-56	3	-3	277	4	-119	189
2.850	1	189	0	-77	2	-933	0	-87	3	-15	72	4	-134	-175
2.887	1	-22	0	-66	2	-1214	0	-102	3	-28	-141	4	-145	-520
2.896	1	-68	0	-64	2	-1285	0	-103	3	-29	-161	4	-146	-620
2.900	1	-84	0	-63	2	-1315	0	-104	3	-28	-171	4	-146	-654
2.950	1	-323	0	-44	2	-1765	0	-120	3	-39	-409	4	-160	-1194
3.000	1	-510	0	-48	2	-2271	0	-132	3	-45	-598	4	-178	-1796
3.000	1	-507	0	39	2	-2253	0	134	3	169	-1650	4	39	-543
3.021	1	-443	0	38	2	-2041	0	126	3	166	-1367	4	36	-480
3.042	1	-379	0	37	2	-1835	0	117	3	162	-1208	4	35	-389
3.050	1	-356	0	37	2	-1765	0	115	3	158	-1143	4	34	-366
3.100	1	-118	0	63	2	-1329	0	100	3	143	-675	4	28	-193
3.112	1	-52	0	67	2	-1228	0	99	3	137	-578	4	24	-111
3.150	1	134	0	64	2	-954	0	86	3	129	-247	4	19	0
3.167	1	224	0	54	2	-842	0	77	3	124	-100	4	11	155
3.200	1	379	0	63	2	-687	0	54	3	115	119	4	10	183
3.248	1	597	0	61	2	-502	0	38	3	100	406	4	-2	309
3.250	1	607	0	60	2	-496	0	37	3	100	399	4	1	312
3.292	1	822	0	45	2	-380	0	32	3	98	557	4	-5	544
3.300	1	846	0	82	2	-362	0	31	3	96	573	4	-3	548
3.350	1	1052	0	69	2	-250	0	25	3	83	811	4	-8	577
3.400	1	1197	0	55	2	-160	0	20	3	69	948	4	-18	675
3.417	1	1250	0	9	2	-133	0	18	3	65	1000	4	-30	825
3.450	1	1290	0	29	2	-91	0	15	3	55	1039	4	-30	759
3.500	1	1326	0	14	2	-45	0	-2	3	42	1058	4	-41	772
3.506	1	1333	0	14	2	-46	0	-3	3	42	1038	4	-41	792
3.542	1	1313	0	6	2	-71	0	-13	3	43	862	4	-51	1041
3.550	1	1304	0	4	2	-80	0	-14	3	43	854	4	-51	1009
3.600	1	1238	0	-8	2	-146	0	-19	3	32	833	4	-58	908
3.650	1	1115	0	-22	2	-234	0	-24	3	21	758	4	-70	790
3.667	1	1070	0	-26	2	-268	0	-26	3	16	718	4	-82	817
3.700	1	938	0	-35	2	-342	0	-29	3	10	641	4	-85	631
3.750	1	705	0	-53	2	-471	0	-36	3	0	497	4	-99	390
3.768	1	619	0	-57	2	-526	0	-45	3	-7	327	4	-107	319
3.792	1	509	0	-58	2	-619	0	-53	3	-2	240	4	-117	244
3.800	1	473	0	-59	2	-653	0	-54	3	1	284	4	-117	194
3.850	1	211	0	-74	2	-920	0	-85	3	-11	87	4	-132	-162
3.887	1	12	0	-62	2	-1195	0	-101	3	-23	-84	4	-143	-501
3.896	1	-32	0	-60	2	-1265	0	-102	3	-24	-100	4	-144	-600
3.900	1	-47	0	-59	2	-1294	0	-102	3	-23	-110	4	-144	-634
3.950	1	-269	0	-38	2	-1736	0	-118	3	-33	-319	4	-158	-1166
4.000	1	-429	0	-42	2	-2233	0	-130	3	-39	-466	4	-176	-1759
4.000	1	-429	0	39	2	-2215	0	134	3	169	-1612	4	38	-477
4.021	1	-366	0	37	2	-2005	0	125	3	165	-1330	4	35	-415
4.042	1	-295	0	42	2	-1800	0	116	3	161	-1171	4	34	-326

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COR V (kips)	COMB NO	MIN MOMENT			COR V (kips)	COMB NO	MAX SHEAR			COR V (kips)	COMB NO	MIN SHEAR			COR V (kips)
		M (ft-k)	COR ML (ft-k)				M (ft-k)	COR ML (ft-k)				V (kips)	COR M (ft-k)				V (kips)	COR M (ft-k)		
4.050	1	-269	0		42	2	-1730	0		114	3	157	-1107		4	33				-303
4.100	1	-42	0		62	2	-1297	0		99	3	142	-641		4	27				-134
4.112	1	20	0		61	2	-1196	0		98	3	136	-545		4	23				-53
4.150	1	189	0		58	2	-924	0		86	3	128	-215		4	18				55
4.167	1	277	0		53	2	-814	0		76	3	124	-70		4	10				208
4.200	1	433	0		57	2	-662	0		53	3	113	140		4	5				305
4.234	1	584	0		58	2	-526	0		42	3	101	324		4	-2				358
4.250	1	659	0		59	2	-478	0		37	3	99	425		4	0				358
4.292	1	869	0		44	2	-363	0		31	3	98	581		4	-6				587
4.300	1	892	0		80	2	-345	0		30	3	95	597		4	-4				591
4.350	1	1093	0		67	2	-235	0		25	3	82	831		4	-9				616
4.400	1	1233	0		54	2	-146	0		20	3	68	966		4	-19				709
4.417	1	1284	0		8	2	-120	0		18	3	64	1017		4	-31				857
4.450	1	1321	0		28	2	-78	0		15	3	55	1054		4	-31				789
4.499	1	1348	0		13	2	-32	0		-2	3	41	1053		4	-44				810
4.500	1	1353	0		13	2	-33	0		-2	3	42	1031		4	-40				818
4.542	1	1334	0		5	2	-61	0		-13	3	42	870		4	-52				1066
4.550	1	1324	0		3	2	-69	0		-14	3	42	862		4	-52				1033
4.600	1	1253	0		-9	2	-137	0		-19	3	31	838		4	-59				924
4.650	1	1125	0		-23	2	-226	0		-25	3	20	761		4	-72				804
4.667	1	1078	0		-27	2	-261	0		-26	3	15	720		4	-83				830
4.700	1	942	0		-36	2	-336	0		-30	3	10	642		4	-86				641
4.750	1	705	0		-55	2	-467	0		-36	3	-1	495		4	-100				396
4.768	1	616	0		-57	2	-524	0		-46	3	-7	325		4	-109				320
4.792	1	506	0		-59	2	-618	0		-54	3	-3	237		4	-118				245
4.800	1	470	0		-60	2	-652	0		-55	3	0	280		4	-118				195
4.850	1	205	0		-74	2	-924	0		-86	3	-12	81		4	-133				-166
4.887	1	4	0		-63	2	-1202	0		-101	3	-23	-92		4	-144				-508
4.896	1	-40	0		-60	2	-1273	0		-103	3	-24	-108		4	-145				-608
4.900	1	-55	0		-60	2	-1302	0		-104	3	-24	-118		4	-145				-643
4.950	1	-279	0		-38	2	-1749	0		-119	3	-34	-341		4	-159				-1179
5.000	1	-442	0		-42	2	-2250	0		-131	3	-40	-490		4	-177				-1776
5.000	1	-442	0		39	2	-2232	0		134	3	169	-1629		4	38				-490
5.021	1	-377	0		37	2	-2022	0		125	3	165	-1347		4	36				-427
5.042	1	-305	0		43	2	-1817	0		116	3	161	-1188		4	34				-338
5.050	1	-279	0		42	2	-1747	0		114	3	157	-1124		4	33				-315
5.100	1	-51	0		62	2	-1314	0		100	3	142	-658		4	27				-144
5.112	1	11	0		61	2	-1213	0		98	3	137	-562		4	23				-63
5.150	1	181	0		59	2	-940	0		86	3	128	-232		4	18				46
5.167	1	269	0		53	2	-830	0		76	3	124	-86		4	10				200
5.200	1	428	0		56	2	-678	0		53	3	113	124		4	4				311
5.238	1	595	0		59	2	-527	0		40	3	100	341		4	-2				351
5.250	1	651	0		59	2	-492	0		37	3	99	409		4	0				352
5.292	1	861	0		44	2	-375	0		32	3	98	565		4	-6				582
5.300	1	884	0		80	2	-357	0		31	3	96	581		4	-4				586
5.350	1	1084	0		67	2	-245	0		26	3	82	816		4	-9				612
5.400	1	1224	0		54	2	-154	0		20	3	68	951		4	-18				707
5.417	1	1274	0		8	2	-128	0		19	3	64	1002		4	-30				856
5.450	1	1312	0		28	2	-84	0		15	3	55	1040		4	-31				788
5.500	1	1342	0		13	2	-37	0		-2	3	42	1018		4	-40				822
5.501	1	1343	0		13	2	-37	0		-2	3	42	1020		4	-40				819
5.542	1	1323	0		5	2	-62	0		-13	3	42	857		4	-52				1066
5.550	1	1314	0		3	2	-71	0		-14	3	42	849		4	-51				1034
5.600	1	1243	0		-9	2	-136	0		-19	3	31	826		4	-59				927
5.650	1	1114	0		-22	2	-223	0		-24	3	21	748		4	-71				808
5.667	1	1067	0		-27	2	-258	0		-26	3	15	708		4	-83				833
5.700	1	930	0		-36	2	-331	0		-29	3	10	630		4	-85				645
5.750	1	693	0		-55	2	-459	0		-36	3	-1	483		4	-99				400
5.767	1	608	0		-57	2	-513	0		-45	3	-7	314		4	-108				335
5.792	1	494	0		-59	2	-610	0		-53	3	-3	225		4	-118				253

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
5.800	1	458	0	-60	2	-644	0	-55	3	0	269	4	-117	202		
5.850	1	193	0	-74	2	-915	0	-85	3	-12	70	4	-133	-158		
5.888	1	-12	0	-70	2	-1192	0	-101	3	-23	-103	4	-143	-499		
5.896	1	-58	0	-61	2	-1261	0	-103	3	-24	-119	4	-144	-598		
5.900	1	-73	0	-60	2	-1291	0	-106	3	-24	-139	4	-145	-633		
5.950	1	-305	0	-38	2	-1737	0	-119	3	-34	-348	4	-158	-1168		
6.000	1	-468	0	-42	2	-2237	0	-130	3	-40	-498	4	-176	-1764		
6.000	1	-465	0	46	2	-2219	0	133	3	168	-1615	4	40	-520		
6.021	1	-389	0	45	2	-2009	0	125	3	165	-1334	4	38	-454		
6.042	1	-313	0	43	2	-1806	0	116	3	160	-1176	4	36	-364		
6.050	1	-287	0	43	2	-1736	0	114	3	157	-1111	4	35	-340		
6.100	1	-55	0	63	2	-1305	0	99	3	141	-648	4	28	-152		
6.112	1	8	0	62	2	-1204	0	98	3	136	-552	4	24	-58		
6.150	1	181	0	59	2	-934	0	85	3	127	-225	4	19	63		
6.167	1	270	0	54	2	-824	0	75	3	123	-80	4	11	200		
6.200	1	431	0	57	2	-674	0	53	3	113	129	4	5	309		
6.237	1	594	0	59	2	-529	0	41	3	100	332	4	-1	356		
6.250	1	656	0	58	2	-489	0	38	3	99	412	4	1	358		
6.292	1	864	0	43	2	-369	0	33	3	97	566	4	-5	590		
6.300	1	886	0	79	2	-350	0	32	3	95	581	4	-3	595		
6.350	1	1084	0	66	2	-234	0	26	3	81	814	4	-8	625		
6.400	1	1221	0	53	2	-140	0	21	3	68	946	4	-18	723		
6.417	1	1270	0	7	2	-112	0	19	3	63	996	4	-30	873		
6.450	1	1306	0	27	2	-66	0	16	3	54	1032	4	-30	808		
6.500	1	1334	0	12	2	-13	0	11	3	41	1047	4	-40	808		
6.502	1	1336	0	12	2	-12	0	11	3	41	1012	4	-40	843		
6.542	1	1312	0	4	2	-8	0	-11	3	42	845	4	-51	1090		
6.550	1	1302	0	2	2	-16	0	-12	3	42	837	4	-51	1059		
6.600	1	1228	0	-10	2	-73	0	-17	3	31	811	4	-58	956		
6.650	1	1097	0	-24	2	-151	0	-22	3	20	732	4	-70	840		
6.667	1	1048	0	-28	2	-183	0	-24	3	15	691	4	-82	866		
6.700	1	910	0	-37	2	-250	0	-27	3	9	612	4	-85	680		
6.750	1	671	0	-55	2	-371	0	-34	3	-1	461	4	-99	447		
6.771	1	566	0	-59	2	-434	0	-44	3	-8	290	4	-108	342		
6.792	1	470	0	-59	2	-514	0	-51	3	-4	202	4	-117	293		
6.800	1	434	0	-61	2	-547	0	-53	3	-1	241	4	-116	241		
6.850	1	162	0	-68	2	-821	0	-81	3	-12	44	4	-125	-211		
6.896	1	-92	0	-58	2	-1152	0	-101	3	-25	-151	4	-143	-575		
6.900	1	-107	0	-57	2	-1185	0	-98	3	-24	-159	4	-143	-588		
6.950	1	-346	0	-37	2	-1613	0	-114	3	-34	-365	4	-157	-1121		
7.000	1	-502	0	-41	2	-2094	0	-126	3	-40	-517	4	-176	-1707		
7.000	1	-496	0	50	2	-2084	0	129	3	166	-1527	4	48	-568		
7.026	1	-414	0	49	2	-1867	0	126	3	163	-1249	4	46	-488		
7.050	1	-341	0	47	2	-1690	0	119	3	160	-1018	4	41	-446		
7.053	1	-333	0	47	2	-1668	0	119	3	160	-1089	4	42	-463		
7.100	1	-160	0	68	2	-1342	0	102	3	147	-716	4	35	-232		
7.125	1	-51	0	66	2	-1180	0	96	3	138	-555	4	32	-159		
7.150	1	58	0	62	2	-1031	0	90	3	134	-376	4	26	-12		
7.200	1	270	0	68	2	-821	0	58	3	123	-51	4	17	182		
7.209	1	315	0	67	2	-788	0	56	3	122	19	4	14	220		
7.250	1	496	0	60	2	-649	0	50	3	106	170	4	8	351		
7.279	1	607	0	60	2	-559	0	47	3	103	362	4	5	363		
7.300	1	709	0	47	2	-503	0	41	3	94	405	4	-2	495		
7.350	1	905	0	36	2	-379	0	37	3	87	651	4	-11	608		
7.365	1	960	0	42	2	-342	0	35	3	95	674	4	-1	658		
7.400	1	1073	0	34	2	-268	0	32	3	80	699	4	-5	747		
7.450	1	1214	0	20	2	-173	0	28	3	68	822	4	-14	860		
7.500	1	1308	0	8	2	-91	0	24	3	61	852	4	-23	944		
7.522	1	1340	0	33	2	-59	0	22	3	58	930	4	-28	973		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.550	1	1369	0	-15	2	-21	0	20	3	48	871	4	-32	1004
7.600	1	1389	0	-28	2	35	0	16	3	37	854	4	-41	1028
7.636	1	1363	0	4	2	68	0	13	3	33	887	4	-44	976
7.650	1	1362	0	-40	2	78	0	12	3	30	818	4	-51	1077
7.678	1	1329	0	5	2	97	0	8	3	41	814	4	-44	1248
7.700	1	1308	0	-47	2	106	0	7	3	31	723	4	-51	1261
7.750	1	1227	0	-59	2	121	0	3	3	28	759	4	-63	1188
7.800	1	1094	0	-72	2	123	0	-1	3	18	651	4	-75	1075
7.839	1	951	0	-43	2	116	0	-4	3	9	570	4	-81	908
7.850	1	918	0	-87	2	112	0	-5	3	1	339	4	-89	912
7.900	1	685	0	-102	2	88	0	-9	3	-8	232	4	-102	682
7.942	1	437	0	-115	2	58	0	-13	3	-11	205	4	-115	434
7.950	1	384	0	-118	2	51	0	-14	3	-13	173	4	-118	382
7.958	1	327	0	-119	2	44	0	-14	3	-14	46	4	-119	326
8.000	1	2	0	-38	2	-26	0	-79	3	-18	0	4	-124	-4
8.000	1	0	0	1	2	-23	0	37	3	44	-5	4	1	0
8.375	1	0	0	0	2	-14	0	34	3	34	-14	4	0	0
9.000	1	0	0	6	2	0	0	2	3	34	0	4	0	0

STRENGTH-I OPERATING

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	5	1	0	0	6	-3	0	0	7	0	1	8	-33	-1
0.625	5	1	0	0	6	-15	0	-34	7	0	1	8	-34	-13
1.000	5	1	0	0	6	-24	0	-34	7	0	1	8	-34	-2
1.000	5	1	0	45	6	-24	0	55	7	92	-2	8	14	0
1.000	5	2	0	70	6	-24	0	54	7	91	1	8	14	0
1.049	5	242	0	86	6	34	0	11	7	86	241	8	11	35
1.050	5	243	0	49	6	35	0	11	7	85	240	8	11	37
1.100	5	436	0	74	6	60	0	7	7	74	430	8	5	208
1.109	5	473	0	73	6	64	0	6	7	73	466	8	3	238
1.150	5	591	0	33	6	75	0	3	7	64	572	8	-4	361
1.169	5	648	0	29	6	78	0	2	7	62	638	8	-8	416
1.173	5	654	0	28	6	79	0	2	7	60	638	8	-9	415
1.188	5	690	0	25	6	80	0	1	7	58	678	8	-12	448
1.200	5	707	0	24	6	80	0	0	7	52	656	8	-12	447
1.250	5	796	0	14	6	75	0	-4	7	44	738	8	-19	510
1.300	5	856	0	4	6	59	0	-7	7	35	784	8	-27	551
1.346	5	897	0	0	6	36	0	-11	7	38	738	8	-27	581
1.350	5	894	0	-1	6	33	0	-11	7	35	697	8	-26	582
1.353	5	894	0	-2	6	32	0	-11	7	35	672	8	-26	609
1.400	5	911	0	-10	6	-2	0	-15	7	28	673	8	-32	617
1.450	5	901	0	-19	6	-48	0	-18	7	20	656	8	-40	610
1.500	5	866	0	-37	6	-104	0	-22	7	15	627	8	-47	581
1.525	5	852	0	-10	6	-136	0	-24	7	12	630	8	-53	569
1.550	5	809	0	-46	6	-171	0	-25	7	7	549	8	-55	550
1.600	5	722	0	-54	6	-248	0	-29	7	1	496	8	-64	465
1.650	5	607	0	-64	6	-334	0	-33	7	-6	383	8	-73	353
1.692	5	492	0	-68	6	-417	0	-39	7	-11	339	8	-83	237
1.700	5	476	0	-43	6	-434	0	-40	7	-10	333	8	-82	205
1.703	5	468	0	-45	6	-442	0	-42	7	-5	258	8	-84	294
1.750	5	321	0	-59	6	-558	0	-46	7	-13	129	8	-92	125
1.800	5	152	0	-63	6	-695	0	-52	7	-19	29	8	-101	-83
1.850	5	-36	0	-59	6	-851	0	-59	7	-29	-202	8	-111	-315
1.852	5	-41	0	-59	6	-856	0	-59	7	-29	-205	8	-112	-325

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.893	5	-176	0	-81	6	-1002	0	-83	7	-34	-321	8	-121	-540		
1.900	5	-205	0	-66	6	-1033	0	-82	7	-34	-336	8	-122	-582		
1.950	5	-325	0	-43	6	-1276	0	-96	7	-39	-415	8	-133	-884		
2.000	5	-446	0	-44	6	-1558	0	-104	7	-43	-529	8	-137	-1262		
2.000	5	-443	0	40	6	-1547	0	104	7	139	-1254	8	39	-457		
2.021	5	-378	0	38	6	-1372	0	98	7	136	-1021	8	37	-393		
2.042	5	-315	0	37	6	-1210	0	92	7	133	-877	8	35	-323		
2.050	5	-292	0	36	6	-1154	0	91	7	130	-825	8	35	-299		
2.075	5	-201	0	60	6	-978	0	86	7	123	-617	8	32	-231		
2.100	5	-87	0	57	6	-811	0	80	7	117	-432	8	29	-141		
2.150	5	136	0	56	6	-516	0	67	7	105	-76	8	21	37		
2.167	5	215	0	47	6	-423	0	65	7	101	45	8	14	165		
2.200	5	346	0	57	6	-281	0	39	7	92	225	8	13	200		
2.202	5	354	0	57	6	-275	0	39	7	92	238	8	12	202		
2.250	5	555	0	51	6	-144	0	28	7	80	458	8	4	317		
2.292	5	734	0	38	6	-58	0	24	7	78	587	8	-1	508		
2.300	5	754	0	66	6	-44	0	23	7	76	602	8	1	513		
2.350	5	925	0	55	6	36	0	18	7	64	791	8	-4	545		
2.400	5	1043	0	43	6	95	0	12	7	52	897	8	-13	626		
2.417	5	1085	0	8	6	111	0	11	7	49	936	8	-23	741		
2.450	5	1119	0	0	6	131	0	0	7	40	957	8	-27	751		
2.484	5	1125	0	11	6	118	0	-8	7	30	903	8	-33	755		
2.500	5	1140	0	9	6	107	0	-9	7	29	922	8	-32	721		
2.542	5	1121	0	2	6	67	0	-14	7	29	787	8	-42	910		
2.550	5	1113	0	0	6	58	0	-15	7	29	778	8	-42	905		
2.600	5	1047	0	-11	6	-13	0	-20	7	19	743	8	-49	787		
2.650	5	932	0	-22	6	-105	0	-25	7	10	661	8	-60	679		
2.667	5	889	0	-26	6	-141	0	-27	7	5	621	8	-70	692		
2.700	5	769	0	-34	6	-217	0	-31	7	0	542	8	-72	531		
2.750	5	559	0	-49	6	-351	0	-37	7	-9	398	8	-85	315		
2.768	5	477	0	-53	6	-407	0	-44	7	-15	302	8	-92	244		
2.792	5	375	0	-55	6	-497	0	-51	7	-12	199	8	-100	170		
2.800	5	341	0	-56	6	-529	0	-52	7	-10	195	8	-100	125		
2.850	5	95	0	-68	6	-777	0	-77	7	-21	5	8	-113	-192		
2.887	5	-94	0	-60	6	-1025	0	-90	7	-31	-187	8	-122	-490		
2.896	5	-137	0	-59	6	-1088	0	-91	7	-32	-208	8	-124	-575		
2.900	5	-152	0	-58	6	-1114	0	-92	7	-32	-220	8	-124	-605		
2.950	5	-378	0	-45	6	-1510	0	-105	7	-41	-445	8	-136	-1069		
3.000	5	-570	0	-50	6	-1953	0	-116	7	-47	-637	8	-151	-1587		
3.000	5	-566	0	42	6	-1938	0	117	7	144	-1473	8	42	-594		
3.021	5	-497	0	40	6	-1752	0	110	7	141	-1232	8	40	-525		
3.042	5	-429	0	39	6	-1572	0	103	7	137	-1088	8	38	-437		
3.050	5	-405	0	39	6	-1510	0	101	7	134	-1030	8	37	-412		
3.100	5	-181	0	58	6	-1128	0	88	7	121	-624	8	31	-238		
3.112	5	-121	0	61	6	-1039	0	87	7	116	-538	8	27	-166		
3.150	5	49	0	58	6	-798	0	76	7	109	-253	8	23	-54		
3.167	5	129	0	49	6	-700	0	68	7	105	-127	8	16	76		
3.200	5	268	0	55	6	-558	0	49	7	96	64	8	15	117		
3.248	5	461	0	54	6	-387	0	35	7	84	313	8	4	239		
3.250	5	470	0	53	6	-382	0	34	7	84	309	8	6	242		
3.292	5	656	0	40	6	-274	0	29	7	82	452	8	1	438		
3.300	5	678	0	68	6	-257	0	29	7	80	468	8	2	445		
3.350	5	856	0	57	6	-154	0	23	7	68	670	8	-2	485		
3.400	5	983	0	45	6	-72	0	18	7	56	790	8	-11	572		
3.417	5	1027	0	10	6	-48	0	16	7	52	834	8	-21	691		
3.450	5	1063	0	24	6	-11	0	13	7	44	869	8	-22	645		
3.500	5	1094	0	11	6	28	0	-1	7	33	887	8	-31	657		
3.506	5	1099	0	11	6	27	0	-2	7	32	863	8	-32	682		
3.542	5	1082	0	4	6	6	0	-11	7	32	726	8	-40	873		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
3.550	5	1075	0	2	6	-1	0	-12	7	32	719	8	-40	847
3.600	5	1017	0	-9	6	-59	0	-17	7	22	697	8	-47	763
3.650	5	910	0	-20	6	-137	0	-22	7	13	628	8	-58	659
3.667	5	870	0	-24	6	-168	0	-24	7	9	593	8	-67	674
3.700	5	755	0	-32	6	-235	0	-27	7	4	523	8	-70	519
3.750	5	553	0	-48	6	-355	0	-33	7	-6	391	8	-83	310
3.768	5	477	0	-50	6	-406	0	-41	7	-11	252	8	-90	246
3.792	5	380	0	-52	6	-492	0	-48	7	-9	172	8	-98	177
3.800	5	348	0	-53	6	-523	0	-50	7	-6	202	8	-98	130
3.850	5	115	0	-65	6	-764	0	-75	7	-17	20	8	-111	-179
3.887	5	-64	0	-57	6	-1005	0	-88	7	-27	-138	8	-120	-470
3.896	5	-104	0	-55	6	-1066	0	-89	7	-28	-157	8	-121	-553
3.900	5	-118	0	-55	6	-1092	0	-90	7	-27	-167	8	-122	-583
3.950	5	-330	0	-40	6	-1479	0	-103	7	-36	-368	8	-134	-1039
4.000	5	-498	0	-44	6	-1913	0	-113	7	-42	-526	8	-149	-1548
4.000	5	-497	0	42	6	-1898	0	117	7	144	-1433	8	41	-533
4.021	5	-428	0	40	6	-1713	0	109	7	140	-1192	8	39	-466
4.042	5	-355	0	43	6	-1534	0	102	7	136	-1049	8	37	-379
4.050	5	-329	0	43	6	-1473	0	100	7	133	-992	8	36	-355
4.100	5	-114	0	57	6	-1094	0	87	7	120	-588	8	30	-185
4.112	5	-57	0	56	6	-1006	0	86	7	115	-503	8	26	-114
4.150	5	99	0	53	6	-767	0	75	7	108	-220	8	22	-5
4.167	5	178	0	48	6	-669	0	67	7	104	-95	8	15	124
4.200	5	317	0	51	6	-530	0	49	7	95	88	8	11	218
4.234	5	451	0	51	6	-405	0	39	7	85	250	8	5	276
4.250	5	517	0	52	6	-361	0	34	7	83	337	8	5	284
4.292	5	699	0	39	6	-255	0	29	7	81	477	8	0	478
4.300	5	720	0	67	6	-238	0	28	7	79	492	8	1	484
4.350	5	894	0	56	6	-137	0	23	7	67	692	8	-3	519
4.400	5	1016	0	44	6	-56	0	18	7	55	809	8	-12	603
4.417	5	1058	0	8	6	-34	0	16	7	52	852	8	-22	721
4.450	5	1091	0	23	6	3	0	12	7	43	885	8	-23	672
4.499	5	1115	0	10	6	41	0	-2	7	31	878	8	-34	700
4.500	5	1118	0	10	6	40	0	-2	7	32	861	8	-31	706
4.542	5	1102	0	3	6	17	0	-11	7	32	735	8	-41	895
4.550	5	1094	0	1	6	10	0	-12	7	31	728	8	-41	869
4.600	5	1031	0	-10	6	-49	0	-17	7	22	703	8	-48	777
4.650	5	920	0	-22	6	-129	0	-22	7	12	632	8	-59	672
4.667	5	877	0	-25	6	-162	0	-24	7	8	596	8	-68	686
4.700	5	760	0	-33	6	-230	0	-28	7	3	525	8	-71	527
4.750	5	553	0	-49	6	-352	0	-34	7	-6	390	8	-84	315
4.768	5	475	0	-50	6	-405	0	-42	7	-12	250	8	-91	247
4.792	5	378	0	-52	6	-492	0	-49	7	-9	170	8	-99	174
4.800	5	345	0	-53	6	-523	0	-51	7	-7	199	8	-99	130
4.850	5	110	0	-66	6	-768	0	-76	7	-17	15	8	-112	-183
4.887	5	-71	0	-58	6	-1012	0	-89	7	-27	-145	8	-121	-477
4.896	5	-111	0	-56	6	-1074	0	-90	7	-28	-164	8	-122	-561
4.900	5	-126	0	-55	6	-1100	0	-91	7	-28	-175	8	-123	-591
4.950	5	-339	0	-40	6	-1491	0	-104	7	-37	-387	8	-135	-1051
5.000	5	-510	0	-44	6	-1929	0	-114	7	-43	-548	8	-150	-1564
5.000	5	-509	0	42	6	-1914	0	117	7	144	-1449	8	41	-546
5.021	5	-440	0	40	6	-1729	0	109	7	140	-1209	8	39	-478
5.042	5	-365	0	44	6	-1550	0	102	7	136	-1065	8	37	-391
5.050	5	-339	0	43	6	-1489	0	100	7	133	-1008	8	36	-367
5.100	5	-123	0	57	6	-1109	0	87	7	120	-604	8	30	-195
5.112	5	-67	0	56	6	-1021	0	86	7	116	-519	8	27	-124
5.150	5	90	0	53	6	-782	0	75	7	108	-235	8	22	-14
5.167	5	169	0	48	6	-684	0	67	7	104	-110	8	15	116
5.200	5	311	0	50	6	-545	0	49	7	95	73	8	10	220

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
5.238	5	460	0	53	6	-406	0	37	7	84	263	8	5	271		
5.250	5	508	0	52	6	-374	0	34	7	83	322	8	6	277		
5.292	5	691	0	39	6	-266	0	29	7	81	463	8	0	472		
5.300	5	712	0	67	6	-249	0	29	7	79	479	8	2	478		
5.350	5	885	0	56	6	-146	0	23	7	67	679	8	-3	515		
5.400	5	1007	0	44	6	-64	0	18	7	55	796	8	-12	600		
5.417	5	1049	0	8	6	-41	0	16	7	52	839	8	-21	718		
5.450	5	1082	0	23	6	-3	0	13	7	44	873	8	-22	670		
5.500	5	1109	0	10	6	36	0	-1	7	32	849	8	-31	708		
5.501	5	1110	0	10	6	36	0	-1	7	32	851	8	-31	705		
5.542	5	1092	0	3	6	15	0	-11	7	32	724	8	-41	894		
5.550	5	1084	0	1	6	7	0	-12	7	32	717	8	-41	868		
5.600	5	1022	0	-10	6	-50	0	-17	7	22	692	8	-48	778		
5.650	5	910	0	-21	6	-128	0	-22	7	12	622	8	-59	674		
5.667	5	868	0	-26	6	-159	0	-24	7	8	586	8	-68	688		
5.700	5	750	0	-33	6	-227	0	-27	7	3	515	8	-71	530		
5.750	5	543	0	-49	6	-347	0	-33	7	-6	381	8	-83	317		
5.767	5	469	0	-50	6	-396	0	-42	7	-12	242	8	-90	258		
5.792	5	368	0	-52	6	-486	0	-49	7	-9	160	8	-99	179		
5.800	5	335	0	-53	6	-517	0	-50	7	-7	190	8	-99	136		
5.850	5	101	0	-65	6	-761	0	-75	7	-17	6	8	-112	-177		
5.888	5	-84	0	-63	6	-1005	0	-88	7	-27	-154	8	-121	-470		
5.896	5	-125	0	-56	6	-1065	0	-90	7	-28	-173	8	-122	-554		
5.900	5	-140	0	-55	6	-1092	0	-92	7	-28	-191	8	-122	-584		
5.950	5	-359	0	-40	6	-1482	0	-104	7	-37	-393	8	-134	-1042		
6.000	5	-530	0	-45	6	-1919	0	-114	7	-42	-553	8	-150	-1554		
6.000	5	-527	0	48	6	-1904	0	116	7	143	-1438	8	43	-570		
6.021	5	-448	0	46	6	-1720	0	109	7	140	-1199	8	41	-499		
6.042	5	-371	0	44	6	-1541	0	102	7	136	-1056	8	39	-410		
6.050	5	-344	0	44	6	-1480	0	100	7	133	-998	8	38	-385		
6.100	5	-126	0	58	6	-1102	0	87	7	120	-596	8	31	-200		
6.112	5	-68	0	57	6	-1014	0	86	7	115	-511	8	28	-119		
6.150	5	91	0	54	6	-776	0	75	7	108	-229	8	23	0		
6.167	5	170	0	49	6	-679	0	67	7	104	-105	8	16	117		
6.200	5	314	0	51	6	-541	0	48	7	95	78	8	11	220		
6.237	5	458	0	52	6	-408	0	38	7	84	256	8	5	275		
6.250	5	513	0	51	6	-371	0	35	7	83	325	8	6	283		
6.292	5	694	0	39	6	-261	0	30	7	81	464	8	1	479		
6.300	5	715	0	67	6	-243	0	29	7	79	479	8	2	486		
6.350	5	886	0	55	6	-137	0	24	7	67	678	8	-2	526		
6.400	5	1006	0	44	6	-52	0	19	7	55	793	8	-11	613		
6.417	5	1047	0	8	6	-28	0	17	7	51	836	8	-21	732		
6.450	5	1079	0	22	6	12	0	14	7	43	868	8	-22	686		
6.500	5	1104	0	10	6	55	0	8	7	32	882	8	-31	689		
6.502	5	1105	0	9	6	56	0	8	7	31	846	8	-31	725		
6.542	5	1085	0	2	6	58	0	-9	7	32	716	8	-40	914		
6.550	5	1077	0	1	6	51	0	-10	7	31	709	8	-40	890		
6.600	5	1012	0	-10	6	1	0	-15	7	22	683	8	-47	803		
6.650	5	898	0	-22	6	-71	0	-20	7	12	610	8	-58	700		
6.667	5	855	0	-26	6	-100	0	-22	7	8	574	8	-67	715		
6.700	5	736	0	-33	6	-163	0	-26	7	3	502	8	-70	559		
6.750	5	528	0	-49	6	-277	0	-32	7	-7	365	8	-83	355		
6.771	5	436	0	-52	6	-336	0	-41	7	-12	223	8	-90	264		
6.792	5	351	0	-52	6	-410	0	-47	7	-10	144	8	-98	213		
6.800	5	319	0	-54	6	-440	0	-49	7	-7	170	8	-98	168		
6.850	5	79	0	-61	6	-686	0	-72	7	-18	-13	8	-106	-216		
6.896	5	-150	0	-54	6	-979	0	-88	7	-29	-195	8	-121	-534		
6.900	5	-164	0	-53	6	-1007	0	-87	7	-28	-204	8	-121	-547		
6.950	5	-388	0	-39	6	-1383	0	-100	7	-37	-403	8	-133	-1004		
7.000	5	-554	0	-43	6	-1806	0	-111	7	-43	-565	8	-149	-1508		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COR V (kips)	COMB NO	MIN MOMENT			COR V (kips)	COMB NO	MAX SHEAR			COR V (kips)	COMB NO	MIN SHEAR			COR V (ft-k)
		M (ft-k)	COR ML (ft-k)				M (ft-k)	COR ML (ft-k)				V (kips)	COR M (ft-k)				V (kips)	COR M (ft-k)		
7.000	5	-549	0		50	6	-1797	0		114	7	142	-1367	8	49					-604
7.026	5	-465	0		49	6	-1607	0		110	7	139	-1130	8	47					-522
7.050	5	-392	0		48	6	-1451	0		105	7	136	-932	8	43					-473
7.053	5	-383	0		47	6	-1431	0		104	7	136	-985	8	43					-484
7.100	5	-219	0		62	6	-1143	0		90	7	125	-661	8	37					-274
7.125	5	-119	0		61	6	-1001	0		85	7	117	-519	8	34					-202
7.150	5	-20	0		57	6	-869	0		80	7	114	-364	8	29					-74
7.200	5	171	0		60	6	-676	0		54	7	104	-82	8	21					103
7.209	5	210	0		60	6	-645	0		53	7	103	-23	8	19					138
7.250	5	370	0		54	6	-515	0		47	7	90	116	8	13					258
7.279	5	468	0		53	6	-432	0		44	7	87	279	8	11					280
7.300	5	557	0		43	6	-379	0		38	7	80	323	8	5					391
7.350	5	729	0		34	6	-265	0		34	7	73	533	8	-3					496
7.365	5	777	0		38	6	-232	0		32	7	79	556	8	5					539
7.400	5	877	0		31	6	-164	0		29	7	67	588	8	0					619
7.450	5	1000	0		19	6	-78	0		25	7	57	697	8	-7					719
7.500	5	1084	0		9	6	-5	0		21	7	50	732	8	-15					794
7.522	5	1112	0		28	6	23	0		19	7	48	796	8	-19					819
7.550	5	1139	0		-10	6	56	0		17	7	39	754	8	-23					847
7.600	5	1158	0		-21	6	103	0		13	7	29	745	8	-31					869
7.636	5	1139	0		3	6	129	0		10	7	26	761	8	-34					841
7.650	5	1138	0		-31	6	137	0		9	7	23	707	8	-40					918
7.678	5	1112	0		3	6	151	0		6	7	31	704	8	-35					1049
7.700	5	1094	0		-38	6	156	0		4	7	23	632	8	-41					1058
7.750	5	1026	0		-48	6	163	0		0	7	20	655	8	-51					996
7.800	5	914	0		-59	6	157	0		-4	7	11	564	8	-61					900
7.839	5	795	0		-37	6	143	0		-7	7	3	493	8	-67					762
7.850	5	766	0		-72	6	137	0		-8	7	-3	312	8	-73					762
7.900	5	571	0		-84	6	105	0		-12	7	-11	216	8	-85					569
7.942	5	364	0		-95	6	68	0		-16	7	-14	182	8	-95					362
7.950	5	319	0		-97	6	59	0		-16	7	-16	154	8	-97					318
7.958	5	272	0		-98	6	51	0		-17	7	-17	52	8	-98					271
8.000	5	2	0		-36	6	-20	0		-69	7	-21	0	8	-104					-3
8.000	5	0	0		1	6	-18	0		29	7	34	-4	8	1					0
8.375	5	0	0		0	6	-11	0		27	7	27	-11	8	0					0
9.000	5	0	0		4	6	0	0		1	7	26	0	8	0					0

FATIGUE-INFINITE

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD				MIN			
	ADL MOM (ft-k)	ADL M LAT (ft-k)	BDL+DW MOM (ft-k)	BDL+DW M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MAX MOM (ft-k)	CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
0.000	0	0	0	0	1	2	1	0	2	2	-1	0
0.625	0	0	0	0	1	2	1	0	2	2	-11	0
1.000	0	0	0	0	1	2	1	0	2	2	-18	0
1.000	0	0	0	0	1	2	1	0	2	2	-18	0
1.000	0	0	0	0	1	2	1	0	2	2	-18	0
1.049	38	0	18	0	1	2	90	0	2	2	-15	0
1.050	39	0	18	0	1	2	89	0	2	2	-14	0
1.100	72	0	33	0	1	2	151	0	2	2	-22	0
1.109	77	0	36	0	1	2	165	0	2	2	-24	0
1.150	98	0	46	0	1	2	192	0	2	2	-33	0
1.169	107	0	50	0	1	2	212	0	2	2	-38	0
1.173	108	0	51	0	1	2	211	0	2	2	-38	0
1.188	114	0	53	0	1	2	222	0	2	2	-42	0
1.200	118	0	55	0	1	2	218	0	2	2	-44	0
1.250	132	0	62	0	1	2	237	0	2	2	-55	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD							
	ADL MOM (ft-k)	ADL M LAT (ft-k)	BDL+DW MOM (ft-k)	BDL+DW M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MAX MOM (ft-k)	CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
1.300	140	0	66	0	1	2	251	0	2	2	-65	0
1.346	142	0	66	0	1	2	260	0	2	2	-75	0
1.350	142	0	66	0	1	2	257	0	2	2	-76	0
1.353	142	0	66	0	1	2	255	0	2	2	-77	0
1.400	139	0	65	0	1	2	257	0	2	2	-87	0
1.450	131	0	60	0	1	2	254	0	2	2	-98	0
1.500	115	0	53	0	1	2	251	0	2	2	-109	0
1.525	106	0	48	0	1	2	257	0	2	2	-114	0
1.550	94	0	43	0	1	2	244	0	2	2	-120	0
1.600	67	0	30	0	1	2	233	0	2	2	-131	0
1.650	33	0	14	0	1	2	213	0	2	2	-142	0
1.692	0	0	-2	0	1	2	194	0	2	2	-152	0
1.700	-6	0	-5	0	1	2	191	0	2	2	-153	0
1.703	-9	0	-6	0	1	2	192	0	2	2	-154	0
1.750	-53	0	-27	0	1	2	163	0	2	2	-170	0
1.800	-106	0	-52	0	1	2	138	0	2	2	-188	0
1.850	-165	0	-80	0	1	2	107	0	2	2	-208	0
1.852	-167	0	-81	0	1	2	104	0	2	2	-208	0
1.893	-220	0	-106	0	1	2	83	0	2	2	-226	0
1.900	-230	0	-111	0	1	2	73	0	2	2	-228	0
1.950	-302	0	-144	0	1	2	66	0	2	2	-248	0
2.000	-380	0	-181	0	1	2	70	0	2	2	-273	0
2.000	-377	0	-179	0	1	2	69	0	2	2	-271	0
2.021	-327	0	-156	0	1	2	62	0	2	2	-232	0
2.042	-281	0	-133	0	1	2	55	0	2	2	-191	0
2.050	-264	0	-125	0	1	2	53	0	2	2	-183	0
2.075	-212	0	-101	0	1	2	65	0	2	2	-140	0
2.100	-164	0	-78	0	1	2	90	0	2	2	-119	0
2.150	-77	0	-36	0	1	2	129	0	2	2	-106	0
2.167	-50	0	-23	0	1	2	154	0	2	2	-101	0
2.200	-2	0	0	0	1	2	168	0	2	2	-93	0
2.202	0	0	1	0	1	2	172	0	2	2	-92	0
2.250	60	0	30	0	1	2	207	0	2	2	-83	0
2.292	102	0	51	0	1	2	242	0	2	2	-73	0
2.300	109	0	54	0	1	2	241	0	2	2	-71	0
2.350	150	0	73	0	1	2	278	0	2	2	-63	0
2.400	177	0	85	0	1	2	300	0	2	2	-55	0
2.417	184	0	88	0	1	2	314	0	2	2	-52	0
2.450	192	0	92	0	1	2	309	0	2	2	-57	0
2.484	195	0	93	0	1	2	289	0	2	2	-66	0
2.500	194	0	93	0	1	2	305	0	2	2	-70	0
2.542	186	0	89	0	1	2	306	0	2	2	-82	0
2.550	184	0	88	0	1	2	300	0	2	2	-84	0
2.600	163	0	77	0	1	2	297	0	2	2	-98	0
2.650	129	0	61	0	1	2	278	0	2	2	-112	0
2.667	115	0	54	0	1	2	278	0	2	2	-117	0
2.700	83	0	39	0	1	2	246	0	2	2	-127	0
2.750	24	0	10	0	1	2	197	0	2	2	-141	0
2.768	0	0	-2	0	1	2	178	0	2	2	-147	0
2.792	-35	0	-18	0	1	2	171	0	2	2	-154	0
2.800	-47	0	-24	0	1	2	162	0	2	2	-157	0
2.850	-133	0	-65	0	1	2	133	0	2	2	-183	0
2.887	-205	0	-99	0	1	2	98	0	2	2	-203	0
2.896	-223	0	-108	0	1	2	94	0	2	2	-208	0
2.900	-231	0	-111	0	1	2	97	0	2	2	-212	0
2.950	-343	0	-164	0	1	2	64	0	2	2	-240	0
3.000	-468	0	-222	0	1	2	71	0	2	2	-285	0
3.000	-465	0	-221	0	1	2	69	0	2	2	-293	0
3.021	-412	0	-196	0	1	2	62	0	2	2	-256	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD							
	ADL MOM	ADL M LAT	BDL+DW MOM	BDL+DW M LAT	LOAD COMB	LL CASE	MAX MOM	CORR M LAT	LOAD COMB	LL CASE	MIN MOM	CORR M LAT
	(ft-k)	(ft-k)	(ft-k)	(ft-k)	NO	NO	(ft-k)	(ft-k)	NO	NO	(ft-k)	(ft-k)
3.042	-362	0	-172	0	1	2	54	0	2	2	-226	0
3.050	-345	0	-164	0	1	2	53	0	2	2	-219	0
3.100	-238	0	-113	0	1	2	94	0	2	2	-199	0
3.112	-214	0	-102	0	1	2	108	0	2	2	-195	0
3.150	-145	0	-69	0	1	2	132	0	2	2	-181	0
3.167	-116	0	-55	0	1	2	157	0	2	2	-175	0
3.200	-65	0	-31	0	1	2	172	0	2	2	-163	0
3.248	0	0	1	0	1	2	206	0	2	2	-145	0
3.250	3	0	2	0	1	2	210	0	2	2	-145	0
3.292	50	0	25	0	1	2	245	0	2	2	-129	0
3.300	58	0	29	0	1	2	243	0	2	2	-127	0
3.350	104	0	50	0	1	2	280	0	2	2	-112	0
3.400	137	0	65	0	1	2	301	0	2	2	-98	0
3.417	145	0	69	0	1	2	315	0	2	2	-93	0
3.450	157	0	75	0	1	2	308	0	2	2	-84	0
3.500	165	0	79	0	1	2	306	0	2	2	-70	0
3.506	165	0	79	0	1	2	312	0	2	2	-72	0
3.542	161	0	77	0	1	2	308	0	2	2	-82	0
3.550	160	0	76	0	1	2	301	0	2	2	-84	0
3.600	144	0	68	0	1	2	298	0	2	2	-98	0
3.650	116	0	54	0	1	2	278	0	2	2	-112	0
3.667	103	0	48	0	1	2	278	0	2	2	-117	0
3.700	75	0	35	0	1	2	246	0	2	2	-127	0
3.750	22	0	9	0	1	2	197	0	2	2	-141	0
3.768	0	0	-1	0	1	2	179	0	2	2	-146	0
3.792	-33	0	-17	0	1	2	171	0	2	2	-154	0
3.800	-44	0	-23	0	1	2	162	0	2	2	-157	0
3.850	-124	0	-60	0	1	2	133	0	2	2	-183	0
3.887	-193	0	-93	0	1	2	98	0	2	2	-203	0
3.896	-210	0	-101	0	1	2	94	0	2	2	-208	0
3.900	-217	0	-104	0	1	2	96	0	2	2	-212	0
3.950	-323	0	-154	0	1	2	64	0	2	2	-240	0
4.000	-443	0	-210	0	1	2	70	0	2	2	-285	0
4.000	-440	0	-208	0	1	2	69	0	2	2	-293	0
4.021	-388	0	-184	0	1	2	61	0	2	2	-256	0
4.042	-339	0	-160	0	1	2	60	0	2	2	-227	0
4.050	-321	0	-152	0	1	2	59	0	2	2	-218	0
4.100	-217	0	-103	0	1	2	94	0	2	2	-200	0
4.112	-193	0	-91	0	1	2	108	0	2	2	-196	0
4.150	-125	0	-59	0	1	2	132	0	2	2	-182	0
4.167	-97	0	-45	0	1	2	157	0	2	2	-176	0
4.200	-47	0	-21	0	1	2	170	0	2	2	-164	0
4.234	0	0	1	0	1	2	182	0	2	2	-151	0
4.250	19	0	10	0	1	2	210	0	2	2	-145	0
4.292	65	0	33	0	1	2	245	0	2	2	-130	0
4.300	73	0	36	0	1	2	244	0	2	2	-128	0
4.350	117	0	57	0	1	2	280	0	2	2	-113	0
4.400	149	0	71	0	1	2	301	0	2	2	-99	0
4.417	156	0	75	0	1	2	315	0	2	2	-93	0
4.450	167	0	80	0	1	2	308	0	2	2	-84	0
4.499	173	0	83	0	1	2	306	0	2	2	-70	0
4.500	173	0	83	0	1	2	307	0	2	2	-70	0
4.542	169	0	81	0	1	2	308	0	2	2	-82	0
4.550	167	0	80	0	1	2	301	0	2	2	-84	0
4.600	150	0	71	0	1	2	298	0	2	2	-98	0
4.650	120	0	56	0	1	2	278	0	2	2	-112	0
4.667	107	0	50	0	1	2	278	0	2	2	-117	0
4.700	78	0	36	0	1	2	246	0	2	2	-127	0
4.750	23	0	9	0	1	2	197	0	2	2	-141	0
4.768	0	0	-1	0	1	2	178	0	2	2	-146	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD							
	ADL MOM (ft-k)	ADL M LAT (ft-k)	BDL+DW MOM (ft-k)	BDL+DW M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MAX MOM (ft-k)	CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
4.792	-34	0	-18	0	1	2	171	0	2	2	-154	0
4.800	-45	0	-23	0	1	2	162	0	2	2	-157	0
4.850	-127	0	-62	0	1	2	133	0	2	2	-183	0
4.887	-196	0	-95	0	1	2	98	0	2	2	-203	0
4.896	-213	0	-103	0	1	2	94	0	2	2	-208	0
4.900	-221	0	-106	0	1	2	96	0	2	2	-212	0
4.950	-329	0	-157	0	1	2	64	0	2	2	-239	0
5.000	-450	0	-213	0	1	2	70	0	2	2	-285	0
5.000	-447	0	-212	0	1	2	69	0	2	2	-293	0
5.021	-395	0	-187	0	1	2	61	0	2	2	-256	0
5.042	-345	0	-164	0	1	2	60	0	2	2	-228	0
5.050	-328	0	-156	0	1	2	59	0	2	2	-218	0
5.100	-223	0	-106	0	1	2	94	0	2	2	-201	0
5.112	-199	0	-94	0	1	2	108	0	2	2	-196	0
5.150	-131	0	-62	0	1	2	133	0	2	2	-183	0
5.167	-103	0	-48	0	1	2	157	0	2	2	-176	0
5.200	-52	0	-24	0	1	2	176	0	2	2	-164	0
5.238	0	0	1	0	1	2	189	0	2	2	-150	0
5.250	14	0	8	0	1	2	210	0	2	2	-145	0
5.292	61	0	30	0	1	2	245	0	2	2	-130	0
5.300	69	0	34	0	1	2	244	0	2	2	-128	0
5.350	113	0	55	0	1	2	280	0	2	2	-113	0
5.400	145	0	69	0	1	2	301	0	2	2	-99	0
5.417	153	0	73	0	1	2	315	0	2	2	-93	0
5.450	164	0	78	0	1	2	308	0	2	2	-84	0
5.500	170	0	81	0	1	2	307	0	2	2	-70	0
5.501	170	0	81	0	1	2	308	0	2	2	-71	0
5.542	166	0	79	0	1	2	308	0	2	2	-82	0
5.550	164	0	78	0	1	2	301	0	2	2	-84	0
5.600	147	0	70	0	1	2	298	0	2	2	-98	0
5.650	118	0	55	0	1	2	278	0	2	2	-112	0
5.667	105	0	49	0	1	2	278	0	2	2	-117	0
5.700	76	0	35	0	1	2	246	0	2	2	-127	0
5.750	21	0	9	0	1	2	197	0	2	2	-141	0
5.767	0	0	-1	0	1	2	180	0	2	2	-146	0
5.792	-35	0	-18	0	1	2	171	0	2	2	-153	0
5.800	-46	0	-23	0	1	2	162	0	2	2	-157	0
5.850	-127	0	-62	0	1	2	133	0	2	2	-182	0
5.888	-197	0	-95	0	1	2	98	0	2	2	-203	0
5.896	-214	0	-103	0	1	2	94	0	2	2	-210	0
5.900	-221	0	-106	0	1	2	96	0	2	2	-212	0
5.950	-329	0	-157	0	1	2	52	0	2	2	-239	0
6.000	-450	0	-213	0	1	2	60	0	2	2	-285	0
6.000	-446	0	-211	0	1	2	61	0	2	2	-293	0
6.021	-394	0	-187	0	1	2	61	0	2	2	-256	0
6.042	-345	0	-163	0	1	2	60	0	2	2	-228	0
6.050	-327	0	-155	0	1	2	59	0	2	2	-218	0
6.100	-222	0	-105	0	1	2	94	0	2	2	-201	0
6.112	-198	0	-94	0	1	2	108	0	2	2	-196	0
6.150	-130	0	-61	0	1	2	133	0	2	2	-183	0
6.167	-101	0	-48	0	1	2	157	0	2	2	-176	0
6.200	-51	0	-23	0	1	2	174	0	2	2	-164	0
6.237	0	0	1	0	1	2	187	0	2	2	-150	0
6.250	16	0	9	0	1	2	210	0	2	2	-145	0
6.292	63	0	31	0	1	2	245	0	2	2	-130	0
6.300	71	0	35	0	1	2	244	0	2	2	-128	0
6.350	115	0	56	0	1	2	280	0	2	2	-113	0
6.400	147	0	71	0	1	2	301	0	2	2	-99	0
6.417	156	0	75	0	1	2	315	0	2	2	-94	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD							
	ADL MOM (ft-k)	ADL M LAT (ft-k)	BDL+DW MOM (ft-k)	BDL+DW M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MAX MOM (ft-k)	CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
6.450	167	0	80	0	1	2	308	0	2	2	-84	0
6.500	174	0	83	0	1	2	307	0	2	2	-70	0
6.502	174	0	83	0	1	2	309	0	2	2	-69	0
6.542	169	0	81	0	1	2	308	0	2	2	-65	0
6.550	168	0	80	0	1	2	301	0	2	2	-67	0
6.600	151	0	72	0	1	2	297	0	2	2	-78	0
6.650	122	0	57	0	1	2	278	0	2	2	-89	0
6.667	109	0	51	0	1	2	278	0	2	2	-93	0
6.700	81	0	37	0	1	2	245	0	2	2	-100	0
6.750	26	0	11	0	1	2	197	0	2	2	-113	0
6.771	0	0	-2	0	1	2	172	0	2	2	-117	0
6.792	-30	0	-16	0	1	2	171	0	2	2	-122	0
6.800	-41	0	-21	0	1	2	161	0	2	2	-125	0
6.850	-122	0	-60	0	1	2	130	0	2	2	-146	0
6.896	-208	0	-101	0	1	2	92	0	2	2	-166	0
6.900	-216	0	-104	0	1	2	95	0	2	2	-168	0
6.950	-322	0	-154	0	1	2	51	0	2	2	-195	0
7.000	-443	0	-210	0	1	2	60	0	2	2	-279	0
7.000	-439	0	-209	0	1	2	62	0	2	2	-283	0
7.026	-387	0	-184	0	1	2	61	0	2	2	-246	0
7.050	-341	0	-162	0	1	2	60	0	2	2	-224	0
7.053	-336	0	-160	0	1	2	60	0	2	2	-228	0
7.100	-252	0	-120	0	1	2	86	0	2	2	-209	0
7.125	-210	0	-100	0	1	2	88	0	2	2	-207	0
7.150	-171	0	-82	0	1	2	120	0	2	2	-196	0
7.200	-98	0	-47	0	1	2	157	0	2	2	-182	0
7.209	-86	0	-41	0	1	2	166	0	2	2	-179	0
7.250	-34	0	-16	0	1	2	189	0	2	2	-167	0
7.279	0	0	0	0	1	2	199	0	2	2	-159	0
7.300	23	0	11	0	1	2	225	0	2	2	-153	0
7.350	72	0	34	0	1	2	247	0	2	2	-139	0
7.365	85	0	41	0	1	2	254	0	2	2	-135	0
7.400	113	0	54	0	1	2	269	0	2	2	-127	0
7.450	147	0	70	0	1	2	284	0	2	2	-116	0
7.500	173	0	83	0	1	2	295	0	2	2	-104	0
7.522	182	0	87	0	1	2	306	0	2	2	-99	0
7.550	191	0	91	0	1	2	309	0	2	2	-93	0
7.600	201	0	96	0	1	2	311	0	2	2	-81	0
7.636	203	0	97	0	1	2	297	0	2	2	-73	0
7.650	203	0	97	0	1	2	301	0	2	2	-69	0
7.678	200	0	96	0	1	2	293	0	2	2	-63	0
7.700	197	0	94	0	1	2	289	0	2	2	-59	0
7.750	185	0	88	0	1	2	276	0	2	2	-49	0
7.800	164	0	78	0	1	2	254	0	2	2	-39	0
7.839	142	0	68	0	1	2	226	0	2	2	-32	0
7.850	135	0	64	0	1	2	226	0	2	2	-29	0
7.900	98	0	47	0	1	2	180	0	2	2	-19	0
7.942	62	0	29	0	1	2	120	0	2	2	-11	0
7.950	53	0	25	0	1	2	107	0	2	2	-10	0
7.958	46	0	22	0	1	2	93	0	2	2	-8	0
8.000	0	0	0	0	1	2	1	0	2	2	-14	0
8.000	0	0	0	0	1	2	0	0	2	2	-14	0
8.375	0	0	0	0	1	2	0	0	2	2	-9	0
9.000	0	0	0	0	1	2	0	0	2	2	0	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)			V (kips)	COR M (ft-k)	
0.000	1	1	0	0	2	-2	0	0	3	0	1		4	-20	-1	
0.625	1	1	0	0	2	-9	0	-20	3	0	1		4	-20	-8	
1.000	1	1	0	0	2	-15	0	-21	3	0	1		4	-21	-1	
1.000	1	1	0	57	2	-15	0	54	3	81	-2	4	16	0		
1.000	1	1	0	50	2	-14	0	44	3	79	0	4	16	0		
1.049	1	209	0	75	2	39	0	12	3	75	208	2	12	39		
1.050	1	211	0	59	2	40	0	12	3	74	208	2	12	40		
1.100	1	374	0	64	2	69	0	9	3	64	374	2	9	69		
1.109	1	406	0	47	2	74	0	8	3	63	406	4	8	217		
1.150	1	509	0	41	2	89	0	5	3	54	491	4	2	279		
1.169	1	561	0	44	2	94	0	4	3	52	549	4	-1	318		
1.173	1	566	0	28	2	94	0	3	3	51	548	4	-1	317		
1.188	1	599	0	41	2	97	0	2	3	49	583	4	-4	400		
1.200	1	617	0	24	2	98	0	1	3	44	564	4	-4	340		
1.250	1	693	0	15	2	97	0	-2	3	36	622	4	-10	454		
1.300	1	737	0	6	2	86	0	-6	3	28	653	4	-18	499		
1.346	1	757	0	1	2	67	0	-9	3	30	614	4	-18	527		
1.350	1	757	0	1	2	65	0	-9	3	27	563	4	-17	435		
1.353	1	757	0	1	2	63	0	-9	3	27	536	4	-18	463		
1.400	1	756	0	-6	2	35	0	-13	3	20	531	4	-23	461		
1.450	1	733	0	-14	2	-6	0	-16	3	13	512	4	-30	557		
1.500	1	700	0	-15	2	-57	0	-20	3	8	493	4	-37	528		
1.525	1	683	0	-14	2	-86	0	-22	3	6	503	4	-42	556		
1.550	1	651	0	-33	2	-119	0	-24	3	1	425	4	-44	517		
1.600	1	576	0	-41	2	-190	0	-27	3	-4	375	4	-52	451		
1.650	1	475	0	-50	2	-272	0	-31	3	-11	273	4	-61	359		
1.692	1	374	0	-55	2	-351	0	-37	3	-15	225	4	-70	265		
1.700	1	357	0	-39	2	-367	0	-38	3	-15	220	4	-70	236		
1.703	1	350	0	-41	2	-380	0	-41	3	-8	197	4	-70	319		
1.750	1	210	0	-64	2	-486	0	-45	3	-18	53	4	-77	166		
1.800	1	44	0	-65	2	-618	0	-49	3	-23	-43	4	-86	-13		
1.850	1	-113	0	-57	2	-782	0	-66	3	-32	-248	4	-95	-222		
1.852	1	-118	0	-57	2	-797	0	-68	3	-32	-251	4	-96	-231		
1.893	1	-230	0	-37	2	-974	0	-84	3	-36	-306	4	-104	-422		
1.900	1	-245	0	-37	2	-1007	0	-87	3	-37	-321	4	-105	-460		
1.950	1	-354	0	-41	2	-1271	0	-97	3	-40	-429	4	-115	-731		
2.000	1	-474	0	-45	2	-1557	0	-105	3	-44	-546	4	-119	-1059		
2.000	4	-471	0	41	2	-1546	0	106	3	124	-1136	1	41	-471		
2.021	4	-404	0	39	2	-1370	0	102	3	122	-928	1	39	-404		
2.042	4	-340	0	37	2	-1199	0	97	3	119	-811	4	37	-340		
2.050	4	-317	0	36	2	-1140	0	93	3	117	-762	4	36	-317		
2.075	4	-247	0	33	2	-952	0	86	3	110	-570	4	33	-247		
2.100	1	-147	0	60	2	-781	0	82	3	105	-389	4	31	-183		
2.150	1	59	0	58	2	-454	0	65	3	93	-72	4	25	-13		
2.167	1	132	0	56	2	-380	0	60	3	90	41	4	20	74		
2.200	1	253	0	65	2	-251	0	43	3	81	201	4	18	123		
2.202	1	263	0	64	2	-217	0	33	3	81	212	4	18	126		
2.250	1	473	0	59	2	-101	0	29	3	70	427	4	11	258		
2.292	1	633	0	40	2	-9	0	25	3	67	557	4	6	374		
2.300	1	653	0	53	2	5	0	24	3	65	566	4	7	379		
2.350	1	800	0	42	2	92	0	19	3	54	704	4	2	417		
2.400	1	901	0	21	2	157	0	14	3	42	789	4	-6	490		
2.417	1	932	0	11	2	175	0	12	3	39	828	4	-14	656		
2.450	1	958	0	4	2	189	0	-4	3	32	840	4	-18	674		
2.484	1	964	0	3	2	173	0	-8	3	22	777	4	-23	694		
2.500	1	969	0	2	2	162	0	-9	3	21	787	4	-23	715		
2.542	1	954	0	-4	2	123	0	-14	3	21	685	4	-33	831		
2.550	1	949	0	-6	2	114	0	-15	3	20	663	4	-33	846		
2.600	1	893	0	-17	2	45	0	-20	3	11	612	4	-40	733		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
2.650	1	788	0	-27	2	-45	0	-25	3	2	529	4	-51	647
2.667	1	745	0	-31	2	-80	0	-27	3	-1	510	4	-59	664
2.700	1	634	0	-40	2	-155	0	-30	3	-7	421	4	-62	519
2.750	1	435	0	-51	2	-287	0	-35	3	-15	284	4	-74	325
2.768	1	348	0	-64	2	-341	0	-41	3	-20	200	4	-80	258
2.792	1	248	0	-67	2	-442	0	-54	3	-16	139	4	-88	195
2.800	1	210	0	-54	2	-474	0	-55	3	-17	101	4	-88	150
2.850	1	-18	0	-66	2	-725	0	-67	3	-27	-87	4	-100	-142
2.887	1	-187	0	-62	2	-954	0	-87	3	-35	-246	4	-108	-413
2.896	1	-227	0	-51	2	-1023	0	-94	3	-36	-271	4	-110	-488
2.900	1	-241	0	-51	2	-1060	0	-95	3	-36	-282	4	-110	-517
2.950	1	-427	0	-46	2	-1474	0	-109	3	-44	-495	4	-120	-938
3.000	1	-621	0	-51	2	-1941	0	-117	3	-50	-683	4	-134	-1402
3.000	4	-617	0	44	2	-1929	0	116	3	128	-1296	4	44	-617
3.021	4	-544	0	42	2	-1734	0	114	3	126	-1081	4	42	-544
3.042	4	-476	0	40	2	-1555	0	106	3	122	-952	4	40	-476
3.050	4	-451	0	39	2	-1477	0	109	3	119	-901	4	39	-451
3.100	1	-265	0	63	2	-1062	0	97	3	107	-519	4	33	-307
3.112	1	-207	0	47	2	-976	0	95	3	103	-438	4	32	-274
3.150	1	-49	0	61	2	-750	0	64	3	95	-194	4	28	-124
3.167	1	27	0	58	2	-666	0	60	3	92	-77	4	23	-37
3.200	1	158	0	63	2	-515	0	55	3	84	90	4	21	20
3.248	1	361	0	61	2	-334	0	35	3	72	312	4	12	165
3.250	1	372	0	62	2	-329	0	35	3	72	324	4	13	168
3.292	1	539	0	42	2	-216	0	31	3	70	462	4	8	289
3.300	1	561	0	56	2	-198	0	30	3	68	473	4	9	295
3.350	1	717	0	45	2	-90	0	25	3	56	620	4	4	355
3.400	1	828	0	22	2	-3	0	19	3	45	714	4	-3	424
3.417	1	862	0	14	2	22	0	17	3	42	757	4	-12	595
3.450	1	893	0	11	2	63	0	14	3	34	775	4	-13	563
3.500	1	916	0	4	2	105	0	-2	3	23	778	4	-22	644
3.506	1	918	0	3	2	104	0	-2	3	23	750	4	-23	672
3.542	1	909	0	-1	2	81	0	-12	3	23	644	4	-31	787
3.550	1	905	0	-3	2	74	0	-12	3	22	623	4	-31	810
3.600	1	859	0	-14	2	14	0	-18	3	13	582	4	-38	704
3.650	1	764	0	-25	2	-67	0	-23	3	4	507	4	-48	623
3.667	1	724	0	-28	2	-99	0	-25	3	1	491	4	-57	643
3.700	1	619	0	-37	2	-168	0	-28	3	-4	342	4	-60	505
3.750	1	430	0	-48	2	-291	0	-33	3	-12	228	4	-71	319
3.768	1	348	0	-61	2	-340	0	-39	3	-17	156	4	-77	260
3.792	1	251	0	-65	2	-438	0	-51	3	-13	114	4	-85	199
3.800	1	215	0	-51	2	-469	0	-52	3	-14	82	4	-85	155
3.850	1	-4	0	-63	2	-710	0	-65	3	-23	-66	4	-98	-128
3.887	1	-166	0	-60	2	-930	0	-85	3	-31	-214	4	-106	-390
3.896	1	-205	0	-48	2	-1002	0	-95	3	-32	-236	4	-107	-464
3.900	1	-218	0	-48	2	-1035	0	-92	3	-32	-246	4	-107	-492
3.950	1	-393	0	-41	2	-1439	0	-107	3	-39	-416	4	-118	-903
4.000	1	-566	0	-46	2	-1896	0	-115	3	-44	-583	4	-131	-1357
4.000	1	-566	0	44	2	-1884	0	116	3	128	-1248	4	43	-576
4.021	1	-493	0	41	2	-1691	0	113	3	125	-1035	4	41	-505
4.042	1	-418	0	44	2	-1512	0	107	3	121	-906	4	39	-437
4.050	1	-391	0	43	2	-1433	0	110	3	119	-856	4	38	-413
4.100	1	-210	0	64	2	-1024	0	90	3	107	-477	4	33	-271
4.112	1	-153	0	46	2	-937	0	94	3	102	-397	4	31	-239
4.150	1	-4	0	55	2	-714	0	63	3	95	-155	4	27	-91
4.167	1	65	0	52	2	-631	0	59	3	91	-39	4	22	-5
4.200	1	188	0	62	2	-482	0	55	3	83	124	4	18	110
4.234	1	333	0	53	2	-347	0	36	3	73	267	4	13	179
4.250	1	405	0	61	2	-303	0	34	3	72	357	4	13	196

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
4.292	1	570	0	41	2	-193	0	30	3	69	492	4	4	8	314	314
4.300	1	591	0	55	2	-175	0	29	3	67	503	4	4	8	321	321
4.350	1	744	0	44	2	-70	0	24	3	55	647	4	4	4	377	377
4.400	1	851	0	21	2	15	0	19	3	44	738	4	4	-4	446	446
4.417	1	885	0	13	2	38	0	17	3	41	780	4	4	-12	614	614
4.450	1	914	0	10	2	77	0	14	3	33	796	4	4	-13	580	580
4.499	1	931	0	3	2	120	0	-2	3	22	770	4	4	-24	633	633
4.500	1	934	0	3	2	119	0	-2	3	23	755	4	4	-22	684	684
4.542	1	923	0	-2	2	94	0	-12	3	22	656	4	4	-31	802	802
4.550	1	919	0	-4	2	86	0	-13	3	22	635	4	4	-32	824	824
4.600	1	870	0	-15	2	23	0	-18	3	12	591	4	4	-38	712	712
4.650	1	771	0	-26	2	-60	0	-23	3	3	514	4	4	-49	631	631
4.667	1	730	0	-29	2	-94	0	-25	3	0	497	4	4	-58	650	650
4.700	1	624	0	-38	2	-164	0	-29	3	-5	346	4	4	-61	510	510
4.750	1	432	0	-49	2	-290	0	-34	3	-13	230	4	4	-72	321	321
4.768	1	348	0	-62	2	-340	0	-40	3	-17	157	4	4	-78	259	259
4.792	1	250	0	-66	2	-439	0	-52	3	-14	113	4	4	-86	198	198
4.800	1	214	0	-52	2	-470	0	-53	3	-15	81	4	4	-86	153	153
4.850	1	-8	0	-64	2	-714	0	-65	3	-24	-69	4	4	-98	-132	-132
4.887	1	-172	0	-61	2	-938	0	-85	3	-32	-220	4	4	-107	-397	-397
4.896	1	-211	0	-49	2	-1010	0	-96	3	-33	-242	4	4	-108	-471	-471
4.900	1	-225	0	-49	2	-1042	0	-93	3	-33	-252	4	4	-108	-500	-500
4.950	1	-402	0	-41	2	-1449	0	-108	3	-39	-424	4	4	-119	-914	-914
5.000	1	-578	0	-47	2	-1910	0	-116	3	-45	-593	4	4	-132	-1371	-1371
5.000	1	-577	0	44	2	-1898	0	116	3	128	-1262	4	4	44	-588	-588
5.021	1	-505	0	42	2	-1704	0	113	3	125	-1048	4	4	41	-516	-516
5.042	1	-428	0	45	2	-1526	0	107	3	122	-919	4	4	39	-449	-449
5.050	1	-401	0	44	2	-1446	0	110	3	119	-869	4	4	38	-425	-425
5.100	1	-220	0	64	2	-1035	0	90	3	107	-489	4	4	33	-282	-282
5.112	1	-163	0	46	2	-950	0	94	3	103	-409	4	4	31	-250	-250
5.150	1	-14	0	55	2	-726	0	64	3	95	-166	4	4	27	-101	-101
5.167	1	56	0	53	2	-643	0	60	3	92	-50	4	4	22	-14	-14
5.200	1	183	0	47	2	-492	0	55	3	83	114	4	4	18	109	109
5.238	1	340	0	52	2	-344	0	36	3	73	281	4	4	13	175	175
5.250	1	395	0	61	2	-312	0	34	3	72	347	4	4	13	187	187
5.292	1	560	0	41	2	-201	0	30	3	69	483	4	4	8	306	306
5.300	1	581	0	55	2	-183	0	29	3	67	494	4	4	9	313	313
5.350	1	736	0	44	2	-77	0	24	3	56	638	4	4	4	370	370
5.400	1	844	0	22	2	8	0	19	3	44	730	4	4	-4	439	439
5.417	1	877	0	13	2	31	0	17	3	41	772	4	4	-12	608	608
5.450	1	907	0	11	2	71	0	14	3	33	789	4	4	-13	574	574
5.500	1	928	0	3	2	114	0	-2	3	23	749	4	4	-22	682	682
5.501	1	928	0	3	2	114	0	-2	3	23	751	4	4	-22	680	680
5.542	1	918	0	-2	2	89	0	-12	3	22	651	4	4	-31	796	796
5.550	1	914	0	-4	2	81	0	-13	3	22	631	4	4	-31	818	818
5.600	1	865	0	-15	2	20	0	-18	3	12	587	4	4	-38	708	708
5.650	1	767	0	-26	2	-63	0	-23	3	3	510	4	4	-49	627	627
5.667	1	727	0	-29	2	-96	0	-25	3	0	493	4	4	-57	646	646
5.700	1	621	0	-38	2	-167	0	-28	3	-5	343	4	4	-60	507	507
5.750	1	429	0	-49	2	-291	0	-34	3	-13	228	4	4	-72	317	317
5.767	1	350	0	-62	2	-342	0	-39	3	-17	156	4	4	-78	262	262
5.792	1	248	0	-66	2	-440	0	-52	3	-14	111	4	4	-86	196	196
5.800	1	212	0	-52	2	-471	0	-53	3	-15	79	4	4	-86	151	151
5.850	1	-9	0	-64	2	-714	0	-65	3	-24	-70	4	4	-98	-134	-134
5.888	1	-180	0	-61	2	-937	0	-85	3	-32	-220	4	4	-107	-398	-398
5.896	1	-219	0	-49	2	-1018	0	-96	3	-33	-242	4	4	-108	-472	-472
5.900	1	-233	0	-49	2	-1042	0	-93	3	-33	-252	4	4	-108	-500	-500
5.950	1	-418	0	-42	2	-1448	0	-108	3	-39	-424	4	4	-118	-913	-913
6.000	1	-592	0	-45	2	-1908	0	-115	1	-45	-592	4	4	-132	-1370	-1370

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
6.000	1	-587	0	50	2	-1896	0	116	3	128	-1260	4	45	-610		
6.021	1	-505	0	47	2	-1702	0	113	3	125	-1046	4	43	-536		
6.042	1	-426	0	45	2	-1523	0	107	3	122	-917	4	41	-468		
6.050	1	-399	0	44	2	-1444	0	110	3	119	-866	4	40	-443		
6.100	1	-218	0	64	2	-1032	0	96	3	107	-486	4	34	-295		
6.112	1	-161	0	47	2	-947	0	94	3	103	-406	4	32	-216		
6.150	1	-11	0	55	2	-723	0	64	3	95	-163	4	28	-101		
6.167	1	59	0	53	2	-640	0	60	3	92	-47	4	23	5		
6.200	1	185	0	48	2	-489	0	55	3	83	117	4	18	109		
6.237	1	337	0	53	2	-345	0	36	3	73	276	4	13	177		
6.250	1	399	0	61	2	-309	0	34	3	72	351	4	13	191		
6.292	1	564	0	41	2	-197	0	30	3	69	487	4	8	361		
6.300	1	586	0	55	2	-180	0	29	3	67	498	4	9	368		
6.350	1	740	0	44	2	-73	0	24	3	56	642	4	4	420		
6.400	1	848	0	22	2	13	0	19	3	44	734	4	-4	503		
6.417	1	882	0	13	2	36	0	17	3	41	776	4	-12	612		
6.450	1	911	0	11	2	76	0	14	3	34	793	4	-13	579		
6.500	1	933	0	4	2	121	0	9	3	23	794	4	-22	650		
6.502	1	933	0	3	2	122	0	8	3	23	756	4	-22	688		
6.542	1	923	0	-2	2	128	0	-5	3	23	656	4	-31	802		
6.550	1	919	0	-4	2	122	0	-11	3	22	635	4	-31	824		
6.600	1	871	0	-15	2	66	0	-17	3	12	592	4	-38	715		
6.650	1	773	0	-26	2	-11	0	-22	3	3	516	4	-49	633		
6.667	1	732	0	-29	2	-42	0	-24	3	1	499	4	-57	653		
6.700	1	627	0	-38	2	-109	0	-27	3	-5	350	4	-60	514		
6.750	1	436	0	-49	2	-227	0	-32	3	-13	234	4	-72	330		
6.771	1	338	0	-61	2	-283	0	-38	3	-17	158	4	-78	246		
6.792	1	254	0	-66	2	-371	0	-51	3	-14	119	4	-86	204		
6.800	1	218	0	-52	2	-401	0	-54	3	-15	86	4	-86	159		
6.850	1	-5	0	-49	2	-627	0	-62	3	-24	-63	4	-93	-173		
6.896	1	-214	0	-46	2	-933	0	-92	3	-33	-235	4	-107	-463		
6.900	1	-226	0	-46	2	-951	0	-87	3	-32	-244	4	-107	-491		
6.950	1	-413	0	-39	2	-1354	0	-106	1	-39	-413	4	-118	-905		
7.000	1	-581	0	-45	2	-1803	0	-111	1	-45	-581	4	-132	-1361		
7.000	1	-575	0	51	2	-1793	0	117	3	127	-1199	4	50	-604		
7.026	1	-492	0	48	2	-1600	0	113	3	125	-986	4	48	-521		
7.050	1	-420	0	46	2	-1435	0	108	3	122	-803	4	45	-503		
7.053	1	-412	0	46	2	-1420	0	107	3	122	-842	4	45	-488		
7.100	1	-281	0	41	2	-1099	0	97	3	111	-545	4	39	-312		
7.125	1	-199	0	51	2	-947	0	92	3	104	-413	4	37	-268		
7.150	1	-102	0	46	2	-818	0	75	3	101	-261	4	32	-157		
7.200	1	63	0	40	2	-602	0	62	3	91	-12	4	26	4		
7.209	1	95	0	54	2	-578	0	58	3	91	45	4	24	33		
7.250	1	259	0	53	2	-446	0	45	3	78	166	4	19	148		
7.279	1	355	0	61	2	-365	0	42	3	75	307	4	16	180		
7.300	1	439	0	48	2	-315	0	36	3	68	345	4	11	274		
7.350	1	593	0	38	2	-207	0	32	3	62	527	4	4	377		
7.365	1	635	0	40	2	-173	0	31	3	67	480	4	10	409		
7.400	1	726	0	33	2	-109	0	28	3	55	497	4	6	478		
7.450	1	824	0	24	2	-27	0	24	3	45	631	4	-1	567		
7.500	1	901	0	20	2	41	0	20	3	39	682	4	-8	642		
7.522	1	931	0	16	2	67	0	18	3	37	735	4	-12	672		
7.550	1	962	0	10	2	97	0	15	3	29	693	4	-15	698		
7.600	1	987	0	-9	2	138	0	11	3	20	684	4	-23	729		
7.636	1	985	0	-2	2	161	0	8	3	17	679	4	-26	719		
7.650	1	982	0	-19	2	167	0	7	3	15	528	4	-32	819		
7.678	1	965	0	-1	2	178	0	4	3	23	669	4	-28	902		
7.700	1	958	0	-23	2	182	0	3	3	15	593	4	-33	904		
7.750	1	901	0	-33	2	185	0	-1	3	11	595	4	-43	865		
7.800	1	809	0	-43	2	174	0	-5	3	3	427	4	-52	783		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.839	1	699	0	-37	2	157	0	-8	3	-3	378	4	-58	662
7.850	1	675	0	-54	2	150	0	-9	3	-8	295	4	-63	661
7.900	1	498	0	-74	2	114	0	-13	2	-13	114	1	-74	498
7.942	1	319	0	-68	2	73	0	-17	2	-17	73	4	-84	318
7.950	1	280	0	-85	2	64	0	-18	3	-18	64	4	-86	280
7.958	1	240	0	-87	2	55	0	-18	3	-18	55	1	-87	240
8.000	1	1	0	-37	2	-13	0	-69	3	-22	0	4	-92	-2
8.000	1	0	0	1	2	-11	0	18	3	23	-4	4	1	0
8.375	1	0	0	0	2	-7	0	16	2	16	-7	4	0	0
9.000	1	0	0	0	2	0	0	0	3	16	0	4	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
0.000	1	1	0	0	2	-2	0	0	3	0	1	4	-17	-1		
0.625	1	1	0	0	2	-9	0	-17	1	0	1	4	-17	-7		
1.000	1	1	0	0	2	-13	0	-18	1	0	1	4	-18	-2		
1.000	1	1	0	42	2	-13	0	53	3	81	-2	4	16	0		
1.000	1	1	0	37	2	-13	0	59	3	79	-1	4	16	0		
1.049	1	209	0	75	2	39	0	13	3	75	209	2	13	39		
1.050	1	212	0	59	2	41	0	13	3	74	209	2	13	41		
1.100	1	376	0	65	2	71	0	9	3	65	376	4	9	71		
1.109	1	408	0	48	2	75	0	8	3	64	408	4	8	75		
1.150	1	514	0	42	2	91	0	5	3	55	498	4	4	257		
1.169	1	565	0	45	2	96	0	4	3	53	558	4	0	301		
1.173	1	570	0	29	2	97	0	4	3	52	559	4	0	301		
1.188	1	604	0	41	2	99	0	3	3	50	591	4	-3	385		
1.200	1	622	0	25	2	101	0	2	3	45	574	4	-3	328		
1.250	1	704	0	16	2	100	0	-2	3	37	635	4	-10	454		
1.300	1	762	0	7	2	90	0	-6	3	29	674	4	-18	499		
1.346	1	792	0	1	2	71	0	-9	3	31	651	4	-19	531		
1.350	1	793	0	2	2	70	0	-9	3	28	577	4	-18	442		
1.353	1	793	0	2	2	68	0	-9	3	28	551	4	-18	471		
1.400	1	804	0	-7	2	39	0	-13	3	21	553	4	-24	573		
1.450	1	792	0	-15	2	-1	0	-16	3	15	537	4	-31	617		
1.500	1	758	0	-25	2	-52	0	-20	3	10	521	4	-39	593		
1.525	1	735	0	-30	2	-81	0	-22	3	8	533	4	-44	587		
1.550	1	698	0	-33	2	-113	0	-23	3	2	445	4	-46	544		
1.600	1	614	0	-41	2	-184	0	-27	3	-4	389	4	-54	468		
1.650	1	505	0	-50	2	-265	0	-31	3	-11	276	4	-62	368		
1.692	1	399	0	-54	2	-343	0	-37	3	-15	226	4	-71	271		
1.700	1	381	0	-39	2	-360	0	-38	3	-15	220	4	-70	242		
1.703	1	373	0	-57	2	-367	0	-40	3	-8	197	4	-72	332		
1.750	1	229	0	-65	2	-477	0	-44	3	-19	47	4	-79	181		
1.800	1	60	0	-71	2	-608	0	-53	3	-24	-55	4	-87	0		
1.850	1	-114	0	-57	2	-771	0	-64	3	-32	-258	4	-96	-210		
1.852	1	-120	0	-57	2	-776	0	-64	3	-32	-261	4	-97	-219		
1.893	1	-234	0	-37	2	-946	0	-79	3	-36	-308	4	-106	-418		
1.900	1	-248	0	-37	2	-974	0	-86	3	-37	-323	4	-106	-455		
1.950	1	-358	0	-41	2	-1219	0	-94	3	-40	-459	4	-117	-731		
2.000	1	-478	0	-45	2	-1490	0	-99	3	-44	-576	4	-121	-1064		
2.000	4	-475	0	41	2	-1479	0	101	3	122	-1082	4	41	-475		
2.021	4	-407	0	39	2	-1304	0	93	3	119	-879	4	39	-407		
2.042	4	-343	0	37	2	-1152	0	93	3	118	-766	4	37	-343		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
2.050	4	-320	0	36	2	-1095	0	88	3	115	-717	4	36	36	-320	-320
2.075	4	-250	0	34	2	-922	0	85	3	108	-526	4	34	34	-250	-250
2.100	1	-148	0	60	2	-759	0	80	3	103	-347	4	31	31	-185	-185
2.150	1	62	0	67	2	-481	0	63	3	91	-33	4	26	26	-24	-24
2.167	1	145	0	45	2	-396	0	60	3	88	77	4	21	21	70	70
2.200	1	286	0	65	2	-251	0	47	3	80	221	4	18	18	120	120
2.202	1	295	0	65	2	-220	0	34	3	80	232	4	18	18	122	122
2.250	1	502	0	57	2	-99	0	29	3	69	440	4	11	11	258	258
2.292	1	659	0	38	2	-9	0	25	3	67	566	4	5	5	433	433
2.300	1	682	0	52	2	5	0	24	3	65	576	4	6	6	387	387
2.350	1	834	0	39	2	91	0	19	3	54	715	4	2	2	443	443
2.400	1	939	0	29	2	157	0	14	3	43	803	4	-6	-6	569	569
2.417	1	970	0	10	2	174	0	12	3	40	844	4	-15	-15	681	681
2.450	1	1000	0	3	2	191	0	0	3	33	852	4	-19	-19	695	695
2.484	1	1006	0	4	2	176	0	-8	3	23	791	4	-25	-25	710	710
2.500	1	1012	0	3	2	166	0	-9	3	22	810	4	-24	-24	681	681
2.542	1	991	0	-2	2	127	0	-14	3	22	718	4	-34	-34	846	846
2.550	1	983	0	-5	2	119	0	-14	3	21	695	4	-34	-34	847	847
2.600	1	922	0	-15	2	50	0	-20	3	12	636	4	-41	-41	749	749
2.650	1	814	0	-27	2	-39	0	-25	3	3	557	4	-51	-51	659	659
2.667	1	771	0	-29	2	-75	0	-27	3	0	539	4	-59	-59	675	675
2.700	1	660	0	-38	2	-150	0	-30	3	-6	442	4	-62	-62	531	531
2.750	1	464	0	-48	2	-281	0	-35	3	-15	293	4	-73	-73	357	357
2.768	1	381	0	-62	2	-335	0	-44	3	-20	200	4	-79	-79	292	292
2.792	1	281	0	-68	2	-431	0	-54	3	-16	139	4	-87	-87	224	224
2.800	1	243	0	-53	2	-465	0	-56	3	-17	101	4	-87	-87	173	173
2.850	1	-7	0	-77	2	-731	0	-75	3	-27	-93	4	-99	-99	-110	-110
2.887	1	-188	0	-62	2	-965	0	-82	3	-36	-259	4	-107	-107	-373	-373
2.896	1	-228	0	-51	2	-1022	0	-89	3	-37	-284	4	-108	-108	-447	-447
2.900	1	-242	0	-51	2	-1049	0	-89	3	-37	-298	4	-108	-108	-475	-475
2.950	1	-430	0	-46	2	-1430	0	-103	3	-44	-495	4	-119	-119	-895	-895
3.000	1	-624	0	-51	2	-1858	0	-111	3	-50	-683	4	-133	-133	-1361	-1361
3.000	4	-621	0	44	2	-1846	0	111	3	125	-1244	4	44	44	-621	-621
3.021	4	-548	0	42	2	-1667	0	104	3	123	-1034	4	42	42	-548	-548
3.042	4	-479	0	40	2	-1493	0	100	3	120	-909	4	40	40	-479	-479
3.050	4	-454	0	39	2	-1433	0	99	3	118	-858	4	39	39	-454	-454
3.100	1	-265	0	65	2	-1062	0	87	3	105	-477	4	34	34	-309	-309
3.112	1	-207	0	47	2	-981	0	76	3	101	-397	4	32	32	-276	-276
3.150	1	-45	0	69	2	-760	0	71	3	94	-155	4	28	28	-134	-134
3.167	1	43	0	52	2	-664	0	68	3	91	-42	4	23	23	-37	-37
3.200	1	191	0	63	2	-502	0	57	3	83	110	4	21	21	18	18
3.248	1	391	0	59	2	-324	0	35	3	71	325	4	12	12	165	165
3.250	1	402	0	59	2	-318	0	34	3	71	338	4	13	13	168	168
3.292	1	567	0	40	2	-209	0	30	3	70	471	4	8	8	351	351
3.300	1	590	0	54	2	-191	0	30	3	68	483	4	9	9	305	305
3.350	1	751	0	42	2	-84	0	24	3	57	631	4	4	4	370	370
3.400	1	866	0	31	2	2	0	19	3	46	728	4	-4	-4	506	506
3.417	1	900	0	12	2	28	0	17	3	43	772	4	-13	-13	620	620
3.450	1	931	0	20	2	68	0	14	3	35	787	4	-14	-14	585	585
3.500	1	958	0	5	2	110	0	-2	3	25	801	4	-23	-23	608	608
3.506	1	960	0	5	2	109	0	-2	3	24	773	4	-24	-24	636	636
3.542	1	945	0	0	2	86	0	-11	3	24	677	4	-32	-32	801	801
3.550	1	939	0	-3	2	78	0	-12	3	23	655	4	-32	-32	802	802
3.600	1	888	0	-13	2	19	0	-17	3	14	605	4	-38	-38	719	719
3.650	1	790	0	-24	2	-62	0	-23	3	5	535	4	-48	-48	635	635
3.667	1	750	0	-26	2	-94	0	-24	3	2	520	4	-57	-57	654	654
3.700	1	645	0	-35	2	-163	0	-28	3	-4	429	4	-60	-60	517	517
3.750	1	459	0	-45	2	-285	0	-33	3	-12	233	4	-71	-71	351	351
3.768	1	382	0	-60	2	-334	0	-41	3	-17	157	4	-77	-77	293	293
3.792	1	284	0	-66	2	-427	0	-51	3	-13	113	4	-84	-84	228	228

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
3.800	1	247	0	-51	2	-460	0	-54	3	-15	81	4	-84	178		
3.850	1	6	0	-74	2	-716	0	-72	3	-24	-72	4	-96	-95		
3.887	1	-167	0	-60	2	-942	0	-79	3	-32	-242	4	-105	-350		
3.896	1	-206	0	-48	2	-998	0	-87	3	-33	-265	4	-106	-423		
3.900	1	-219	0	-48	2	-1024	0	-87	3	-33	-264	4	-106	-450		
3.950	1	-397	0	-41	2	-1395	0	-101	3	-39	-420	4	-117	-860		
4.000	1	-571	0	-46	2	-1813	0	-109	3	-45	-588	4	-131	-1316		
4.000	1	-570	0	44	2	-1801	0	111	3	125	-1197	4	44	-580		
4.021	1	-498	0	42	2	-1623	0	103	3	122	-988	4	41	-508		
4.042	1	-422	0	44	2	-1451	0	99	3	120	-863	4	39	-440		
4.050	1	-395	0	44	2	-1391	0	98	3	117	-813	4	38	-416		
4.100	1	-212	0	64	2	-1023	0	86	3	105	-435	4	33	-274		
4.112	1	-155	0	46	2	-943	0	76	3	100	-356	4	32	-242		
4.150	1	-2	0	62	2	-724	0	70	3	93	-116	4	28	-101		
4.167	1	75	0	51	2	-629	0	67	3	90	-4	4	22	-5		
4.200	1	221	0	62	2	-468	0	56	3	82	144	4	18	110		
4.234	1	360	0	60	2	-336	0	36	3	72	281	4	13	179		
4.250	1	435	0	59	2	-293	0	34	3	71	371	4	13	196		
4.292	1	597	0	39	2	-185	0	30	3	69	502	4	7	376		
4.300	1	620	0	53	2	-168	0	29	3	67	512	4	8	330		
4.350	1	778	0	41	2	-63	0	24	3	56	658	4	3	393		
4.400	1	890	0	30	2	21	0	18	3	45	752	4	-5	526		
4.417	1	923	0	11	2	45	0	17	3	42	795	4	-14	639		
4.450	1	952	0	19	2	84	0	13	3	34	808	4	-15	602		
4.499	1	973	0	4	2	125	0	-2	3	23	786	4	-25	646		
4.500	1	976	0	4	2	124	0	-2	3	24	777	4	-23	649		
4.542	1	960	0	-1	2	98	0	-12	3	23	689	4	-33	815		
4.550	1	953	0	-4	2	90	0	-13	3	23	667	4	-32	817		
4.600	1	899	0	-13	2	28	0	-18	3	14	615	4	-39	727		
4.650	1	798	0	-25	2	-55	0	-23	3	5	541	4	-49	643		
4.667	1	757	0	-27	2	-88	0	-25	3	2	526	4	-58	661		
4.700	1	650	0	-36	2	-159	0	-28	3	-4	433	4	-60	522		
4.750	1	461	0	-46	2	-283	0	-34	3	-13	234	4	-71	353		
4.768	1	381	0	-60	2	-334	0	-42	3	-17	157	4	-78	292		
4.792	1	283	0	-66	2	-427	0	-52	3	-14	113	4	-85	227		
4.800	1	246	0	-51	2	-461	0	-55	3	-15	80	4	-85	177		
4.850	1	2	0	-75	2	-720	0	-73	3	-24	-76	4	-97	-99		
4.887	1	-173	0	-61	2	-948	0	-80	3	-33	-247	4	-105	-357		
4.896	1	-213	0	-49	2	-1005	0	-87	3	-34	-270	4	-106	-430		
4.900	1	-226	0	-49	2	-1031	0	-88	3	-34	-270	4	-106	-458		
4.950	1	-406	0	-41	2	-1405	0	-101	3	-40	-428	4	-118	-871		
5.000	1	-583	0	-47	2	-1827	0	-109	3	-45	-598	4	-131	-1330		
5.000	1	-581	0	44	2	-1815	0	111	3	125	-1210	4	44	-592		
5.021	1	-509	0	42	2	-1637	0	103	3	122	-1001	4	41	-520		
5.042	1	-432	0	45	2	-1464	0	100	3	120	-876	4	39	-452		
5.050	1	-405	0	44	2	-1404	0	98	3	117	-825	4	39	-428		
5.100	1	-222	0	64	2	-1035	0	86	3	105	-447	4	33	-284		
5.112	1	-165	0	46	2	-955	0	76	3	101	-368	4	32	-252		
5.150	1	-12	0	62	2	-736	0	70	3	93	-127	4	28	-111		
5.167	1	66	0	52	2	-640	0	67	3	90	-15	4	22	-15		
5.200	1	215	0	48	2	-479	0	56	3	82	134	4	18	109		
5.238	1	369	0	59	2	-333	0	35	3	72	295	4	13	175		
5.250	1	425	0	59	2	-301	0	34	3	71	361	4	13	187		
5.292	1	588	0	39	2	-193	0	30	3	69	492	4	7	368		
5.300	1	611	0	53	2	-176	0	29	3	67	503	4	8	322		
5.350	1	770	0	41	2	-70	0	24	3	56	649	4	3	386		
5.400	1	882	0	30	2	14	0	19	3	45	744	4	-5	519		
5.417	1	915	0	11	2	38	0	17	3	42	787	4	-14	632		
5.450	1	945	0	19	2	77	0	13	3	34	801	4	-15	596		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
5.500	1	969	0	5	2	119	0	-2	3	24	772	4	-23	646		
5.501	1	970	0	5	2	119	0	-2	3	24	773	4	-23	645		
5.542	1	954	0	0	2	93	0	-12	3	23	685	4	-32	810		
5.550	1	948	0	-4	2	86	0	-13	3	23	663	4	-32	811		
5.600	1	894	0	-13	2	24	0	-18	3	14	610	4	-39	723		
5.650	1	794	0	-25	2	-58	0	-23	3	5	538	4	-49	639		
5.667	1	753	0	-27	2	-91	0	-25	3	2	522	4	-57	657		
5.700	1	646	0	-36	2	-161	0	-28	3	-4	430	4	-60	518		
5.750	1	458	0	-46	2	-285	0	-33	3	-13	232	4	-71	349		
5.767	1	383	0	-60	2	-333	0	-42	3	-17	157	4	-77	296		
5.792	1	282	0	-66	2	-429	0	-52	3	-14	111	4	-85	225		
5.800	1	244	0	-51	2	-462	0	-54	3	-15	79	4	-85	175		
5.850	1	1	0	-75	2	-720	0	-73	3	-24	-77	4	-97	-101		
5.888	1	-181	0	-61	2	-948	0	-80	3	-33	-248	4	-105	-358		
5.896	1	-220	0	-49	2	-1005	0	-87	3	-34	-270	4	-106	-431		
5.900	1	-234	0	-49	2	-1031	0	-88	3	-34	-270	4	-106	-459		
5.950	1	-421	0	-42	2	-1404	0	-101	3	-40	-428	4	-117	-871		
6.000	1	-597	0	-45	2	-1825	0	-109	1	-45	-597	4	-131	-1329		
6.000	1	-592	0	50	2	-1813	0	111	3	125	-1209	4	45	-612		
6.021	1	-509	0	48	2	-1634	0	104	3	122	-999	4	43	-538		
6.042	1	-431	0	45	2	-1461	0	100	3	120	-874	4	41	-471		
6.050	1	-404	0	44	2	-1401	0	98	3	117	-823	4	40	-446		
6.100	1	-220	0	64	2	-1032	0	86	3	105	-445	4	35	-297		
6.112	1	-163	0	47	2	-952	0	76	3	101	-365	4	33	-231		
6.150	1	-9	0	63	2	-732	0	70	3	93	-124	4	28	-111		
6.167	1	68	0	52	2	-637	0	67	3	90	-11	4	23	5		
6.200	1	217	0	48	2	-476	0	56	3	82	137	4	18	109		
6.237	1	366	0	60	2	-334	0	36	3	72	290	4	13	177		
6.250	1	429	0	59	2	-298	0	34	3	71	365	4	13	191		
6.292	1	592	0	39	2	-190	0	30	3	69	496	4	7	372		
6.300	1	615	0	53	2	-172	0	29	3	67	507	4	9	378		
6.350	1	774	0	41	2	-66	0	24	3	56	654	4	4	431		
6.400	1	887	0	30	2	19	0	19	3	45	749	4	-5	524		
6.417	1	920	0	11	2	43	0	17	3	42	792	4	-13	637		
6.450	1	950	0	19	2	83	0	14	3	35	805	4	-14	601		
6.500	1	974	0	5	2	126	0	8	3	24	817	4	-23	614		
6.502	1	975	0	5	2	127	0	8	3	24	780	4	-23	651		
6.542	1	960	0	0	2	131	0	-5	3	24	690	4	-32	816		
6.550	1	953	0	-3	2	125	0	-11	3	23	649	4	-32	817		
6.600	1	899	0	-13	2	69	0	-16	3	14	616	4	-39	730		
6.650	1	800	0	-25	2	-7	0	-22	3	5	544	4	-49	645		
6.667	1	759	0	-27	2	-38	0	-23	3	2	528	4	-57	664		
6.700	1	653	0	-36	2	-105	0	-27	3	-4	436	4	-60	525		
6.750	1	464	0	-46	2	-223	0	-32	3	-13	239	4	-72	362		
6.771	1	372	0	-57	2	-282	0	-43	3	-17	159	4	-78	280		
6.792	1	288	0	-66	2	-363	0	-51	3	-14	118	4	-85	232		
6.800	1	250	0	-51	2	-396	0	-55	3	-15	85	4	-85	182		
6.850	1	8	0	-60	2	-645	0	-69	3	-24	-70	4	-92	-143		
6.896	1	-215	0	-46	2	-922	0	-84	3	-33	-261	4	-106	-422		
6.900	1	-228	0	-46	2	-947	0	-85	3	-34	-259	4	-106	-449		
6.950	1	-417	0	-39	2	-1310	0	-97	1	-39	-417	4	-117	-861		
7.000	1	-585	0	-45	2	-1716	0	-105	1	-45	-585	4	-131	-1319		
7.000	1	-580	0	51	2	-1706	0	110	3	125	-1165	4	50	-606		
7.026	1	-496	0	48	2	-1526	0	106	3	122	-955	4	48	-523		
7.050	1	-425	0	46	2	-1375	0	102	3	120	-776	4	45	-507		
7.053	1	-416	0	46	2	-1357	0	96	3	120	-816	4	46	-493		
7.100	1	-285	0	42	2	-1078	0	87	3	110	-520	4	40	-323		
7.125	1	-201	0	51	2	-941	0	84	3	103	-386	4	37	-253		
7.150	1	-103	0	46	2	-818	0	75	3	100	-235	4	33	-172		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.200	1	80	0	56	2	-599	0	63	3	91	11	4	26	-1
7.209	1	117	0	54	2	-564	0	58	3	90	64	4	24	33
7.250	1	280	0	52	2	-434	0	45	3	78	177	4	19	148
7.279	1	379	0	60	2	-354	0	42	3	75	317	4	16	180
7.300	1	462	0	47	2	-304	0	36	3	68	354	4	11	274
7.350	1	620	0	37	2	-196	0	32	3	62	538	4	3	386
7.365	1	664	0	39	2	-165	0	30	3	68	546	4	9	420
7.400	1	758	0	33	2	-101	0	28	3	57	582	4	5	495
7.450	1	869	0	23	2	-20	0	23	3	48	686	4	-2	593
7.500	1	948	0	13	2	48	0	19	3	41	797	4	-9	669
7.522	1	975	0	24	2	73	0	18	3	39	853	4	-14	699
7.550	1	1005	0	3	2	102	0	15	3	31	802	4	-17	721
7.600	1	1029	0	-7	2	144	0	11	3	22	707	4	-25	744
7.636	1	1019	0	-1	2	166	0	8	3	18	706	4	-28	731
7.650	1	1017	0	-18	2	173	0	7	3	16	665	4	-33	788
7.678	1	994	0	-15	2	183	0	4	3	25	691	4	-29	926
7.700	1	980	0	-22	2	187	0	3	3	15	593	4	-34	915
7.750	1	914	0	-32	2	189	0	-1	3	11	595	4	-43	873
7.800	1	814	0	-44	2	177	0	-5	3	3	428	4	-53	786
7.839	1	701	0	-37	2	160	0	-9	3	-4	364	4	-58	665
7.850	1	676	0	-54	2	153	0	-10	3	-9	279	4	-63	669
7.900	1	499	0	-74	2	115	0	-14	2	-14	115	4	-74	499
7.942	1	319	0	-68	2	74	0	-17	2	-17	74	4	-84	319
7.950	1	280	0	-86	2	65	0	-18	2	-18	65	4	-86	280
7.958	1	240	0	-87	2	56	0	-19	2	-19	56	1	-87	240
8.000	1	1	0	-35	2	-12	0	-69	3	-22	0	4	-92	-2
8.000	1	0	0	1	2	-9	0	15	3	19	-3	4	1	0
8.375	1	0	0	0	2	-6	0	14	2	14	-6	4	0	0
9.000	1	0	0	0	2	0	0	2	3	13	0	4	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	1	0	0	2	-2	0	0	3	0	1	4	-17	-1
0.625	1	1	0	0	2	-8	0	-17	3	0	1	4	-17	-7
1.000	1	1	0	0	2	-12	0	-17	3	0	1	4	-17	-1
1.000	1	1	0	58	2	-13	0	63	3	81	-2	4	16	0
1.000	1	1	0	53	2	-12	0	66	3	80	-1	4	16	0
1.049	1	210	0	76	2	39	0	13	1	76	210	4	13	39
1.050	1	213	0	60	2	40	0	12	3	75	210	4	12	40
1.100	1	380	0	65	2	71	0	9	3	65	379	4	9	71
1.109	1	412	0	49	2	75	0	8	3	65	412	2	8	75
1.150	1	520	0	42	2	90	0	5	3	56	504	4	4	257
1.169	1	570	0	45	2	95	0	4	3	54	564	4	0	301
1.173	1	576	0	29	2	96	0	4	3	53	566	4	0	301
1.188	1	611	0	42	2	99	0	3	3	51	598	4	-3	385
1.200	1	629	0	25	2	100	0	2	3	45	583	4	-3	328
1.250	1	714	0	17	2	100	0	-2	3	37	646	4	-10	454
1.300	1	775	0	8	2	89	0	-6	3	30	683	4	-18	499
1.346	1	808	0	2	2	71	0	-9	3	32	634	4	-19	530
1.350	1	809	0	3	2	69	0	-9	3	29	583	4	-17	440
1.353	1	810	0	3	2	67	0	-9	3	28	556	4	-18	468
1.400	1	821	0	-6	2	38	0	-13	3	22	556	4	-24	569
1.450	1	808	0	-14	2	-2	0	-16	3	15	538	4	-31	611
1.500	1	773	0	-26	2	-53	0	-20	3	9	519	4	-39	593

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.525	1	752	0	-15	2	-82	0	-22	3	8	531	4	-45	590		
1.550	1	715	0	-34	2	-114	0	-23	3	1	437	4	-47	548		
1.600	1	629	0	-42	2	-185	0	-27	3	-4	383	4	-55	476		
1.650	1	517	0	-51	2	-266	0	-31	3	-11	276	4	-63	375		
1.692	1	408	0	-55	2	-348	0	-37	3	-15	226	4	-72	275		
1.700	1	389	0	-41	2	-365	0	-38	3	-15	220	4	-72	246		
1.703	1	382	0	-59	2	-372	0	-40	3	-8	197	4	-73	343		
1.750	1	233	0	-67	2	-482	0	-44	3	-19	47	4	-80	182		
1.800	1	58	0	-75	2	-612	0	-48	3	-24	-55	4	-89	-2		
1.850	1	-114	0	-57	2	-786	0	-73	3	-32	-258	4	-98	-209		
1.852	1	-119	0	-57	2	-793	0	-73	3	-32	-261	4	-98	-218		
1.893	1	-233	0	-37	2	-980	0	-89	3	-36	-308	4	-107	-418		
1.900	1	-248	0	-37	2	-1014	0	-90	3	-37	-323	4	-108	-463		
1.950	1	-357	0	-41	2	-1284	0	-102	3	-40	-447	4	-118	-734		
2.000	1	-477	0	-45	2	-1577	0	-109	3	-44	-564	4	-122	-1069		
2.000	4	-474	0	41	2	-1566	0	105	3	121	-1065	1	41	-474		
2.021	4	-406	0	39	2	-1391	0	102	3	118	-863	1	39	-406		
2.042	4	-342	0	37	2	-1223	0	97	3	117	-754	1	37	-342		
2.050	4	-319	0	36	2	-1165	0	96	3	114	-706	1	36	-319		
2.075	4	-249	0	34	2	-979	0	91	3	108	-518	1	34	-250		
2.100	1	-148	0	60	2	-803	0	85	3	102	-340	4	31	-185		
2.150	1	61	0	63	2	-489	0	69	3	91	-29	4	26	-71		
2.167	1	140	0	60	2	-398	0	60	3	88	80	4	21	70		
2.200	1	285	0	68	2	-250	0	44	3	80	222	4	18	120		
2.202	1	294	0	68	2	-235	0	34	3	80	234	4	18	122		
2.250	1	506	0	57	2	-113	0	29	3	69	442	4	11	258		
2.292	1	664	0	38	2	-22	0	26	3	68	568	4	6	379		
2.300	1	686	0	52	2	-7	0	25	3	66	578	4	7	384		
2.350	1	839	0	40	2	81	0	19	3	55	719	4	2	437		
2.400	1	945	0	30	2	147	0	14	3	44	829	4	-6	511		
2.417	1	978	0	10	2	166	0	12	3	41	870	4	-15	682		
2.450	1	1010	0	4	2	187	0	1	3	33	867	4	-20	698		
2.484	1	1017	0	4	2	175	0	-8	3	24	808	4	-25	714		
2.500	1	1023	0	3	2	165	0	-9	3	23	820	4	-25	736		
2.542	1	1002	0	-2	2	126	0	-14	3	22	704	4	-35	859		
2.550	1	994	0	-5	2	117	0	-15	3	22	684	4	-35	854		
2.600	1	930	0	-16	2	48	0	-20	3	12	639	4	-41	776		
2.650	1	820	0	-26	2	-41	0	-25	3	3	556	4	-51	664		
2.667	1	777	0	-29	2	-77	0	-27	3	0	537	4	-60	678		
2.700	1	665	0	-37	2	-152	0	-30	3	-6	434	4	-63	534		
2.750	1	468	0	-48	2	-283	0	-35	3	-15	290	4	-74	359		
2.768	1	385	0	-60	2	-339	0	-41	3	-20	200	4	-80	294		
2.792	1	282	0	-71	2	-423	0	-51	3	-16	139	4	-87	227		
2.800	1	243	0	-57	2	-456	0	-52	3	-17	101	4	-87	176		
2.850	1	-9	0	-76	2	-708	0	-70	3	-27	-92	4	-99	-106		
2.887	1	-187	0	-62	2	-959	0	-89	3	-36	-257	4	-107	-368		
2.896	1	-228	0	-51	2	-1023	0	-95	3	-37	-283	4	-108	-443		
2.900	1	-242	0	-51	2	-1051	0	-96	3	-37	-297	4	-108	-471		
2.950	1	-429	0	-46	2	-1468	0	-108	3	-44	-490	4	-119	-889		
3.000	1	-623	0	-51	2	-1921	0	-119	3	-49	-677	4	-133	-1353		
3.000	4	-620	0	44	2	-1909	0	115	3	125	-1227	1	44	-620		
3.021	4	-547	0	42	2	-1718	0	111	3	122	-1019	1	42	-547		
3.042	4	-478	0	40	2	-1533	0	107	3	120	-898	1	40	-478		
3.050	4	-454	0	39	2	-1469	0	106	3	117	-848	1	39	-454		
3.100	1	-263	0	65	2	-1070	0	95	3	105	-471	4	34	-309		
3.112	1	-206	0	47	2	-978	0	88	3	101	-392	4	32	-276		
3.150	1	-46	0	66	2	-736	0	72	3	94	-161	4	28	-134		
3.167	1	37	0	51	2	-636	0	67	3	90	-48	4	23	-37		
3.200	1	189	0	66	2	-488	0	51	3	83	112	4	21	18		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
3.248	1	395	0	59	2	-325	0	35	3	71	327	4	12	165
3.250	1	406	0	60	2	-320	0	35	3	72	340	4	13	168
3.292	1	571	0	40	2	-211	0	30	3	70	473	4	8	346
3.300	1	594	0	54	2	-193	0	30	3	68	485	4	9	301
3.350	1	757	0	42	2	-85	0	24	3	57	635	4	4	364
3.400	1	873	0	31	2	1	0	19	3	46	754	4	-4	503
3.417	1	908	0	12	2	26	0	17	3	43	799	4	-13	622
3.450	1	942	0	16	2	67	0	14	3	36	802	4	-14	587
3.500	1	969	0	5	2	109	0	-2	3	25	811	4	-23	664
3.506	1	971	0	5	2	108	0	-2	3	24	783	4	-24	692
3.542	1	956	0	0	2	84	0	-11	3	24	663	4	-32	814
3.550	1	950	0	-3	2	77	0	-12	3	24	644	4	-32	818
3.600	1	896	0	-13	2	17	0	-17	3	14	609	4	-39	725
3.650	1	795	0	-23	2	-64	0	-23	3	5	534	4	-49	639
3.667	1	755	0	-27	2	-96	0	-24	3	2	518	4	-57	657
3.700	1	650	0	-34	2	-165	0	-28	3	-4	421	4	-60	519
3.750	1	463	0	-45	2	-287	0	-33	3	-12	231	4	-71	353
3.768	1	386	0	-58	2	-338	0	-39	3	-17	157	4	-77	295
3.792	1	285	0	-68	2	-419	0	-48	3	-13	114	4	-84	231
3.800	1	247	0	-55	2	-450	0	-49	3	-15	81	4	-85	181
3.850	1	4	0	-74	2	-692	0	-68	3	-24	-72	4	-96	-91
3.887	1	-167	0	-60	2	-936	0	-87	3	-32	-241	4	-105	-345
3.896	1	-206	0	-48	2	-998	0	-94	3	-33	-264	4	-106	-418
3.900	1	-219	0	-48	2	-1026	0	-93	3	-33	-264	4	-106	-445
3.950	1	-396	0	-41	2	-1432	0	-106	3	-39	-419	4	-117	-854
4.000	1	-570	0	-46	2	-1875	0	-117	3	-45	-587	4	-130	-1307
4.000	1	-569	0	44	2	-1863	0	114	3	124	-1180	4	44	-579
4.021	1	-497	0	42	2	-1674	0	110	3	121	-972	4	41	-507
4.042	1	-421	0	44	2	-1490	0	106	3	119	-852	4	39	-440
4.050	1	-394	0	44	2	-1426	0	106	3	116	-802	4	38	-416
4.100	1	-212	0	64	2	-1030	0	94	3	104	-429	4	33	-273
4.112	1	-155	0	46	2	-939	0	87	3	100	-350	4	31	-241
4.150	1	-4	0	59	2	-699	0	71	3	93	-122	4	28	-101
4.167	1	70	0	40	2	-600	0	66	3	90	-10	4	22	-5
4.200	1	220	0	65	2	-455	0	50	3	82	146	4	18	110
4.234	1	364	0	60	2	-337	0	36	3	72	283	4	13	179
4.250	1	439	0	59	2	-294	0	34	3	71	373	4	13	196
4.292	1	601	0	39	2	-187	0	30	3	69	504	4	7	372
4.300	1	624	0	53	2	-169	0	29	3	67	514	4	8	326
4.350	1	784	0	41	2	-64	0	24	3	56	661	4	3	387
4.400	1	897	0	30	2	20	0	18	3	45	778	4	-5	523
4.417	1	930	0	11	2	44	0	17	3	42	822	4	-14	641
4.450	1	963	0	16	2	83	0	13	3	35	823	4	-15	604
4.499	1	984	0	4	2	123	0	-2	3	24	804	4	-25	651
4.500	1	987	0	4	2	123	0	-2	3	24	787	4	-23	705
4.542	1	971	0	-1	2	96	0	-12	3	24	676	4	-33	829
4.550	1	964	0	-4	2	89	0	-13	3	23	656	4	-33	832
4.600	1	907	0	-14	2	26	0	-18	3	14	618	4	-40	754
4.650	1	803	0	-24	2	-57	0	-23	3	5	541	4	-50	647
4.667	1	762	0	-27	2	-90	0	-25	3	2	524	4	-58	664
4.700	1	655	0	-35	2	-161	0	-28	3	-5	425	4	-61	524
4.750	1	465	0	-46	2	-285	0	-34	3	-13	233	4	-72	355
4.768	1	385	0	-59	2	-339	0	-39	3	-17	157	4	-78	294
4.792	1	285	0	-69	2	-420	0	-49	3	-14	113	4	-85	230
4.800	1	246	0	-56	2	-451	0	-50	3	-15	80	4	-85	180
4.850	1	0	0	-75	2	-696	0	-68	3	-24	-76	4	-97	-96
4.887	1	-173	0	-61	2	-942	0	-87	3	-33	-247	4	-105	-352
4.896	1	-212	0	-49	2	-1005	0	-95	3	-34	-270	4	-106	-425
4.900	1	-226	0	-49	2	-1034	0	-94	3	-34	-270	4	-107	-453
4.950	1	-405	0	-41	2	-1443	0	-107	3	-40	-428	4	-118	-865

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
5.000	1	-582	0	-47	2	-1889	0	-117	3	-45	-598	4	-131	-1321
5.000	1	-581	0	44	2	-1877	0	114	3	124	-1193	4	44	-591
5.021	1	-508	0	42	2	-1687	0	110	3	121	-986	4	41	-519
5.042	1	-432	0	45	2	-1503	0	107	3	119	-865	4	39	-451
5.050	1	-405	0	44	2	-1439	0	106	3	117	-815	4	38	-427
5.100	1	-222	0	64	2	-1042	0	94	3	105	-441	4	33	-284
5.112	1	-165	0	46	2	-951	0	87	3	100	-362	4	32	-252
5.150	1	-13	0	59	2	-711	0	72	3	93	-134	4	28	-111
5.167	1	61	0	41	2	-611	0	66	3	90	-22	4	22	-15
5.200	1	214	0	51	2	-465	0	50	3	82	135	4	18	109
5.238	1	374	0	60	2	-335	0	35	3	72	297	4	13	175
5.250	1	429	0	59	2	-303	0	34	3	71	363	4	13	187
5.292	1	592	0	40	2	-195	0	30	3	69	494	4	7	364
5.300	1	615	0	54	2	-177	0	29	3	68	505	4	8	318
5.350	1	775	0	41	2	-72	0	24	3	57	653	4	3	379
5.400	1	889	0	31	2	13	0	19	3	46	770	4	-5	516
5.417	1	923	0	12	2	37	0	17	3	43	814	4	-14	635
5.450	1	956	0	16	2	77	0	13	3	35	816	4	-15	598
5.500	1	980	0	5	2	117	0	-2	3	24	782	4	-23	702
5.501	1	981	0	5	2	117	0	-2	3	24	783	4	-23	700
5.542	1	965	0	0	2	92	0	-12	3	24	671	4	-33	824
5.550	1	959	0	-3	2	84	0	-13	3	23	651	4	-33	826
5.600	1	902	0	-14	2	23	0	-18	3	14	614	4	-39	750
5.650	1	799	0	-24	2	-60	0	-23	3	5	537	4	-50	643
5.667	1	758	0	-27	2	-93	0	-25	3	2	520	4	-58	660
5.700	1	651	0	-35	2	-163	0	-28	3	-4	422	4	-61	521
5.750	1	462	0	-46	2	-287	0	-33	3	-13	230	4	-72	351
5.767	1	388	0	-59	2	-337	0	-39	3	-17	157	4	-78	298
5.792	1	283	0	-69	2	-421	0	-49	3	-14	111	4	-85	228
5.800	1	244	0	-55	2	-452	0	-50	3	-15	79	4	-85	178
5.850	1	-1	0	-74	2	-697	0	-68	3	-24	-77	4	-97	-97
5.888	1	-179	0	-61	2	-942	0	-87	3	-33	-247	4	-105	-353
5.896	1	-219	0	-49	2	-1005	0	-95	3	-34	-270	4	-106	-426
5.900	1	-232	0	-49	2	-1033	0	-94	3	-34	-270	4	-106	-454
5.950	1	-418	0	-42	2	-1442	0	-106	3	-40	-427	4	-117	-865
6.000	1	-595	0	-47	2	-1887	0	-117	3	-45	-596	4	-131	-1320
6.000	1	-591	0	50	2	-1875	0	114	3	124	-1192	4	45	-608
6.021	1	-509	0	47	2	-1685	0	110	3	121	-984	4	43	-534
6.042	1	-430	0	45	2	-1501	0	107	3	119	-863	4	41	-467
6.050	1	-403	0	44	2	-1436	0	106	3	117	-813	4	40	-442
6.100	1	-220	0	64	2	-1039	0	95	3	105	-439	4	34	-294
6.112	1	-163	0	47	2	-948	0	87	3	101	-359	4	33	-231
6.150	1	-10	0	59	2	-708	0	72	3	93	-130	4	28	-111
6.167	1	64	0	41	2	-608	0	67	3	90	-18	4	23	5
6.200	1	217	0	51	2	-462	0	50	3	82	139	4	18	109
6.237	1	370	0	60	2	-336	0	36	3	72	292	4	13	177
6.250	1	433	0	59	2	-300	0	34	3	71	367	4	13	191
6.292	1	596	0	40	2	-191	0	30	3	70	498	4	8	367
6.300	1	619	0	54	2	-174	0	29	3	68	509	4	9	373
6.350	1	780	0	42	2	-68	0	24	3	57	657	4	4	426
6.400	1	894	0	31	2	17	0	19	3	46	775	4	-4	521
6.417	1	928	0	12	2	42	0	17	3	43	819	4	-13	639
6.450	1	961	0	16	2	82	0	14	3	35	821	4	-14	603
6.500	1	986	0	5	2	125	0	8	3	24	826	4	-23	670
6.502	1	986	0	4	2	126	0	8	3	24	789	4	-24	707
6.542	1	971	0	-1	2	126	0	-11	3	24	676	4	-33	829
6.550	1	964	0	-3	2	119	0	-12	3	23	656	4	-33	832
6.600	1	907	0	-14	2	62	0	-17	3	14	619	4	-39	736
6.650	1	805	0	-24	2	-16	0	-22	3	5	542	4	-49	650

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
6.667	1	764	0	-27	2	-47	0	-24	3	2	526	4	-58	667		
6.700	1	657	0	-35	2	-114	0	-27	3	-4	429	4	-61	527		
6.750	1	469	0	-46	2	-234	0	-32	3	-13	237	4	-72	364		
6.771	1	376	0	-59	2	-290	0	-38	3	-17	159	4	-78	282		
6.792	1	289	0	-69	2	-363	0	-47	3	-14	119	4	-85	235		
6.800	1	250	0	-55	2	-394	0	-52	3	-15	85	4	-85	185		
6.850	1	5	0	-59	2	-640	0	-74	3	-24	-70	4	-92	-140		
6.896	1	-215	0	-46	2	-948	0	-92	3	-33	-260	4	-106	-417		
6.900	1	-227	0	-46	2	-975	0	-94	3	-33	-259	4	-106	-444		
6.950	1	-417	0	-39	2	-1371	0	-103	1	-39	-417	4	-117	-855		
7.000	1	-585	0	-45	2	-1803	0	-112	1	-45	-585	4	-131	-1310		
7.000	1	-579	0	51	2	-1794	0	116	3	125	-1158	4	50	-606		
7.026	1	-496	0	48	2	-1602	0	110	3	122	-949	4	48	-523		
7.050	1	-424	0	46	2	-1437	0	106	3	120	-770	4	45	-507		
7.053	1	-416	0	46	2	-1418	0	106	3	120	-816	4	46	-492		
7.100	1	-284	0	42	2	-1108	0	100	3	111	-522	4	40	-322		
7.125	1	-201	0	51	2	-957	0	89	3	104	-389	4	37	-253		
7.150	1	-103	0	46	2	-821	0	82	3	101	-237	4	33	-172		
7.200	1	76	0	60	2	-593	0	57	3	91	2	4	26	-1		
7.209	1	115	0	58	2	-562	0	53	3	91	55	4	24	33		
7.250	1	281	0	52	2	-439	0	45	3	79	178	4	19	148		
7.279	1	382	0	61	2	-356	0	42	3	76	321	4	16	180		
7.300	1	467	0	48	2	-306	0	36	3	70	361	4	11	274		
7.350	1	629	0	38	2	-198	0	32	3	64	549	4	3	383		
7.365	1	674	0	56	2	-167	0	31	3	69	588	4	9	416		
7.400	1	773	0	34	2	-103	0	28	3	58	594	4	6	488		
7.450	1	888	0	24	2	-22	0	24	3	49	711	4	-2	590		
7.500	1	970	0	15	2	46	0	19	3	42	795	4	-9	670		
7.522	1	999	0	23	2	72	0	18	3	40	851	4	-13	702		
7.550	1	1026	0	1	2	101	0	15	3	31	715	4	-17	725		
7.600	1	1047	0	-8	2	143	0	11	3	21	698	4	-25	752		
7.636	1	1033	0	-1	2	166	0	8	3	18	696	4	-28	738		
7.650	1	1031	0	-18	2	172	0	7	3	15	657	4	-33	796		
7.678	1	1006	0	-16	2	182	0	4	3	24	682	4	-29	940		
7.700	1	992	0	-22	2	186	0	3	3	15	593	4	-34	930		
7.750	1	923	0	-33	2	188	0	-1	3	11	595	4	-44	883		
7.800	1	820	0	-44	2	177	0	-5	3	3	428	4	-53	798		
7.839	1	705	0	-46	2	159	0	-9	3	-4	364	4	-59	675		
7.850	1	680	0	-55	2	152	0	-10	3	-9	279	4	-64	674		
7.900	1	501	0	-74	2	115	0	-14	2	-14	115	4	-74	501		
7.942	1	320	0	-84	2	74	0	-17	2	-17	74	4	-84	320		
7.950	1	282	0	-86	2	64	0	-18	2	-18	64	4	-86	282		
7.958	1	241	0	-87	2	56	0	-19	2	-19	56	1	-87	241		
8.000	1	1	0	-36	2	-11	0	-77	3	-22	0	4	-92	-2		
8.000	1	0	0	1	2	-9	0	15	3	19	-3	4	1	0		
8.375	1	0	0	0	2	-6	0	13	3	13	-6	4	0	0		
9.000	1	0	0	0	2	0	0	2	3	13	0	4	0	0		

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	1	0	0	2	-2	0	0	3	0	1	4	-24	-1
0.625	1	1	0	0	2	-11	0	-25	3	0	1	4	-25	-9
1.000	1	1	0	0	2	-17	0	-25	3	0	1	4	-25	-1

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)			V (kips)	COR M (ft-k)	
1.000	1	1	0	50	2	-18	0	50	3	83	-2	4	16	0		
1.000	1	1	0	56	2	-17	0	52	3	81	-1	4	16	0		
1.049	1	215	0	77	2	39	0	13	3	77	213	2	13	39		
1.050	1	217	0	59	2	41	0	13	3	76	213	2	13	41		
1.100	1	384	0	66	2	71	0	9	3	66	384	2	9	71		
1.109	1	417	0	47	2	75	0	8	3	65	417	4	8	211		
1.150	1	524	0	41	2	91	0	5	3	56	504	4	3	272		
1.169	1	570	0	44	2	96	0	4	3	54	564	4	0	309		
1.173	1	576	0	36	2	97	0	4	3	53	564	4	-1	309		
1.188	1	612	0	41	2	99	0	3	3	51	600	4	-3	388		
1.200	1	628	0	22	2	101	0	2	3	46	583	4	-3	331		
1.250	1	711	0	13	2	101	0	-2	3	37	657	4	-9	441		
1.300	1	761	0	4	2	90	0	-6	3	30	697	4	-17	487		
1.346	1	789	0	-1	2	72	0	-9	3	32	640	4	-18	527		
1.350	1	783	0	0	2	70	0	-9	3	29	587	4	-17	440		
1.353	1	783	0	0	2	68	0	-9	3	29	560	4	-18	468		
1.400	1	793	0	-9	2	40	0	-13	3	22	559	4	-24	473		
1.450	1	784	0	-17	2	0	0	-16	3	15	541	4	-31	615		
1.500	1	746	0	-31	2	-51	0	-20	3	10	522	4	-39	597		
1.525	1	726	0	-12	2	-80	0	-22	3	8	534	4	-45	594		
1.550	1	690	0	-33	2	-112	0	-23	3	2	440	4	-47	552		
1.600	1	610	0	-42	2	-183	0	-27	3	-4	385	4	-55	480		
1.650	1	504	0	-50	2	-264	0	-31	3	-11	276	4	-64	381		
1.692	1	391	0	-55	2	-345	0	-37	3	-15	227	4	-73	281		
1.700	1	372	0	-37	2	-361	0	-38	3	-15	221	4	-73	252		
1.703	1	367	0	-59	2	-368	0	-40	3	-9	192	4	-74	346		
1.750	1	223	0	-64	2	-478	0	-44	3	-19	45	4	-81	182		
1.800	1	51	0	-70	2	-609	0	-52	3	-24	-50	4	-89	-4		
1.850	1	-124	0	-60	2	-783	0	-72	3	-32	-266	4	-99	-208		
1.852	1	-129	0	-60	2	-790	0	-73	3	-32	-268	4	-99	-217		
1.893	1	-234	0	-37	2	-975	0	-86	3	-36	-323	4	-108	-410		
1.900	1	-249	0	-37	2	-1006	0	-88	3	-37	-344	4	-108	-449		
1.950	1	-359	0	-41	2	-1273	0	-102	3	-40	-452	4	-118	-721		
2.000	1	-479	0	-45	2	-1569	0	-107	3	-44	-570	4	-122	-1058		
2.000	4	-475	0	41	2	-1558	0	106	3	123	-1088	4	41	-475		
2.021	4	-407	0	39	2	-1381	0	102	3	121	-882	4	39	-407		
2.042	4	-343	0	37	2	-1213	0	99	3	119	-751	4	37	-343		
2.050	4	-320	0	36	2	-1150	0	99	3	116	-726	4	36	-320		
2.075	4	-250	0	34	2	-968	0	93	3	110	-539	4	34	-250		
2.100	1	-158	0	50	2	-794	0	85	3	104	-363	4	31	-185		
2.150	1	52	0	62	2	-486	0	71	3	93	-34	4	26	-19		
2.167	1	131	0	62	2	-397	0	62	3	90	78	4	21	65		
2.200	1	272	0	65	2	-248	0	43	3	82	235	4	19	116		
2.202	1	282	0	65	2	-231	0	34	3	81	247	4	19	119		
2.250	1	489	0	58	2	-110	0	29	3	70	433	4	11	253		
2.292	1	647	0	36	2	-19	0	25	3	69	557	4	6	430		
2.300	1	666	0	50	2	-4	0	25	3	67	568	4	7	385		
2.350	1	819	0	39	2	83	0	19	3	55	750	4	2	441		
2.400	1	918	0	26	2	149	0	14	3	44	842	4	-6	569		
2.417	1	952	0	8	2	167	0	12	3	41	884	4	-15	685		
2.450	1	985	0	1	2	190	0	1	3	33	851	4	-20	700		
2.484	1	992	0	6	2	177	0	-8	3	24	789	4	-25	717		
2.500	1	1001	0	5	2	167	0	-9	3	23	853	4	-25	743		
2.542	1	977	0	0	2	128	0	-14	3	23	711	4	-35	880		
2.550	1	969	0	-3	2	120	0	-15	3	22	690	4	-35	887		
2.600	1	907	0	-14	2	51	0	-20	3	12	642	4	-42	788		
2.650	1	800	0	-25	2	-38	0	-25	3	3	559	4	-52	650		
2.667	1	758	0	-27	2	-74	0	-27	3	0	540	4	-61	710		
2.700	1	649	0	-34	2	-149	0	-30	3	-6	438	4	-63	520		
2.750	1	449	0	-45	2	-280	0	-35	3	-15	292	4	-75	366		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
2.768	1	368	0	-61	2	-336	0	-41	3	-20	200	4	-81	301
2.792	1	264	0	-70	2	-420	0	-53	3	-17	134	4	-89	221
2.800	1	226	0	-51	2	-453	0	-54	3	-18	93	4	-88	160
2.850	1	-18	0	-73	2	-709	0	-72	3	-27	-93	4	-100	-127
2.887	1	-201	0	-53	2	-958	0	-89	3	-35	-250	4	-109	-393
2.896	1	-239	0	-53	2	-1021	0	-94	3	-36	-274	4	-110	-469
2.900	1	-253	0	-53	2	-1045	0	-97	3	-36	-285	4	-110	-471
2.950	1	-431	0	-46	2	-1451	0	-112	3	-44	-491	4	-121	-887
3.000	1	-625	0	-51	2	-1912	0	-117	3	-50	-678	4	-134	-1345
3.000	4	-621	0	44	2	-1900	0	114	3	127	-1249	4	44	-621
3.021	4	-548	0	42	2	-1700	0	110	3	125	-1036	4	42	-548
3.042	4	-479	0	40	2	-1523	0	105	3	122	-915	4	40	-479
3.050	4	-455	0	39	2	-1458	0	105	3	119	-866	4	39	-455
3.100	1	-275	0	54	2	-1064	0	94	3	107	-494	4	34	-309
3.112	1	-221	0	49	2	-976	0	86	3	103	-417	4	32	-276
3.150	1	-55	0	64	2	-736	0	73	3	96	-155	4	28	-130
3.167	1	28	0	64	2	-638	0	67	3	92	-40	4	24	-44
3.200	1	176	0	64	2	-484	0	50	3	84	125	4	21	13
3.248	1	379	0	60	2	-324	0	35	3	73	344	4	12	160
3.250	1	388	0	61	2	-319	0	34	3	73	331	4	14	163
3.292	1	554	0	38	2	-208	0	30	3	71	462	4	8	348
3.300	1	574	0	52	2	-190	0	30	3	69	475	4	9	302
3.350	1	736	0	42	2	-83	0	24	3	58	666	4	4	368
3.400	1	847	0	29	2	3	0	19	3	47	768	4	-4	506
3.417	1	882	0	11	2	28	0	17	3	44	813	4	-13	625
3.450	1	922	0	19	2	68	0	14	3	36	786	4	-14	589
3.500	1	946	0	7	2	110	0	-2	3	25	789	4	-24	671
3.506	1	949	0	7	2	109	0	-2	3	24	762	4	-24	699
3.542	1	931	0	2	2	87	0	-11	3	25	670	4	-33	835
3.550	1	925	0	0	2	79	0	-12	3	24	650	4	-33	800
3.600	1	872	0	-11	2	20	0	-17	3	15	612	4	-39	757
3.650	1	775	0	-23	2	-61	0	-23	3	5	537	4	-50	626
3.667	1	737	0	-24	2	-93	0	-24	3	2	521	4	-58	689
3.700	1	634	0	-32	2	-162	0	-28	3	-4	425	4	-61	505
3.750	1	444	0	-42	2	-284	0	-33	3	-12	233	4	-72	360
3.768	1	369	0	-59	2	-335	0	-39	3	-17	156	4	-79	303
3.792	1	267	0	-68	2	-416	0	-51	3	-14	110	4	-86	225
3.800	1	231	0	-49	2	-448	0	-52	3	-15	75	4	-86	165
3.850	1	-4	0	-71	2	-693	0	-70	3	-24	-73	4	-98	-113
3.887	1	-181	0	-51	2	-935	0	-86	3	-32	-219	4	-106	-371
3.896	1	-216	0	-51	2	-996	0	-90	3	-33	-242	4	-107	-445
3.900	1	-230	0	-50	2	-1020	0	-95	3	-33	-251	4	-107	-445
3.950	1	-397	0	-41	2	-1416	0	-109	3	-39	-420	4	-118	-852
4.000	1	-571	0	-46	2	-1866	0	-114	3	-45	-587	4	-132	-1299
4.000	1	-570	0	44	2	-1854	0	113	3	127	-1201	4	44	-580
4.021	1	-498	0	42	2	-1655	0	109	3	124	-989	4	41	-508
4.042	1	-422	0	44	2	-1480	0	105	3	121	-846	4	39	-440
4.050	1	-395	0	44	2	-1416	0	104	3	118	-821	4	38	-416
4.100	1	-223	0	53	2	-1024	0	87	3	106	-452	4	33	-274
4.112	1	-170	0	48	2	-937	0	86	3	102	-376	4	32	-242
4.150	1	-11	0	58	2	-699	0	72	3	95	-116	4	27	-97
4.167	1	62	0	55	2	-603	0	67	3	92	-2	4	23	-12
4.200	1	207	0	63	2	-451	0	49	3	83	159	4	18	100
4.234	1	346	0	61	2	-336	0	36	3	74	299	4	13	174
4.250	1	421	0	60	2	-293	0	34	3	72	364	4	13	191
4.292	1	584	0	37	2	-184	0	30	3	70	493	4	7	373
4.300	1	604	0	52	2	-167	0	29	3	69	504	4	8	328
4.350	1	763	0	41	2	-62	0	24	3	57	693	4	3	390
4.400	1	870	0	28	2	21	0	18	3	46	791	4	-5	525

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
4.417	1	905	0	10	2	45	0	17	3	43	835	4	-14	644
4.450	1	942	0	18	2	83	0	13	3	35	807	4	-15	607
4.499	1	961	0	6	2	125	0	-2	3	24	784	4	-26	654
4.500	1	964	0	7	2	124	0	-2	3	24	766	4	-24	712
4.542	1	946	0	1	2	99	0	-12	3	24	682	4	-34	850
4.550	1	939	0	-1	2	91	0	-13	3	24	662	4	-33	815
4.600	1	883	0	-12	2	29	0	-18	3	14	621	4	-40	766
4.650	1	783	0	-23	2	-54	0	-23	3	5	544	4	-50	633
4.667	1	743	0	-25	2	-87	0	-25	3	2	527	4	-59	696
4.700	1	639	0	-33	2	-158	0	-28	3	-4	429	4	-62	510
4.750	1	446	0	-43	2	-282	0	-34	3	-13	234	4	-73	362
4.768	1	368	0	-60	2	-335	0	-39	3	-17	156	4	-80	301
4.792	1	266	0	-68	2	-417	0	-51	3	-14	109	4	-87	224
4.800	1	230	0	-49	2	-449	0	-52	3	-16	74	4	-87	164
4.850	1	-8	0	-72	2	-697	0	-70	3	-25	-77	4	-99	-117
4.887	1	-186	0	-52	2	-942	0	-87	3	-32	-225	4	-107	-378
4.896	1	-223	0	-51	2	-1003	0	-92	3	-33	-248	4	-108	-452
4.900	1	-237	0	-51	2	-1028	0	-95	3	-33	-258	4	-108	-453
4.950	1	-406	0	-41	2	-1426	0	-110	3	-40	-428	4	-119	-862
5.000	1	-583	0	-47	2	-1879	0	-115	3	-45	-598	4	-132	-1313
5.000	1	-582	0	44	2	-1867	0	113	3	127	-1215	4	44	-592
5.021	1	-509	0	42	2	-1669	0	109	3	124	-1002	4	41	-520
5.042	1	-432	0	45	2	-1493	0	105	3	121	-859	4	39	-452
5.050	1	-405	0	44	2	-1429	0	105	3	119	-834	4	39	-428
5.100	1	-233	0	54	2	-1036	0	94	3	107	-464	4	33	-284
5.112	1	-180	0	48	2	-949	0	86	3	102	-388	4	32	-252
5.150	1	-20	0	58	2	-711	0	73	3	95	-127	4	28	-107
5.167	1	52	0	55	2	-614	0	67	3	92	-13	4	23	-21
5.200	1	200	0	46	2	-462	0	49	3	84	149	4	18	100
5.238	1	356	0	61	2	-333	0	35	3	73	313	4	13	170
5.250	1	411	0	60	2	-302	0	34	3	72	354	4	13	182
5.292	1	575	0	37	2	-193	0	30	3	71	483	4	7	365
5.300	1	595	0	52	2	-175	0	29	3	69	495	4	8	320
5.350	1	754	0	41	2	-70	0	24	3	57	684	4	3	383
5.400	1	863	0	29	2	15	0	19	3	46	784	4	-5	519
5.417	1	897	0	10	2	38	0	17	3	43	828	4	-14	638
5.450	1	935	0	18	2	77	0	13	3	35	800	4	-15	601
5.500	1	958	0	7	2	119	0	-2	3	24	760	4	-24	709
5.501	1	958	0	7	2	119	0	-2	3	24	762	4	-24	707
5.542	1	940	0	2	2	94	0	-12	3	24	678	4	-33	844
5.550	1	933	0	-1	2	87	0	-13	3	24	657	4	-33	809
5.600	1	879	0	-12	2	25	0	-18	3	14	617	4	-40	762
5.650	1	779	0	-23	2	-57	0	-23	3	5	541	4	-50	629
5.667	1	740	0	-25	2	-90	0	-25	3	2	523	4	-59	692
5.700	1	635	0	-33	2	-160	0	-28	3	-4	426	4	-62	507
5.750	1	443	0	-43	2	-284	0	-33	3	-13	232	4	-73	358
5.767	1	370	0	-59	2	-334	0	-39	3	-17	155	4	-79	305
5.792	1	264	0	-68	2	-418	0	-51	3	-14	108	4	-87	222
5.800	1	228	0	-49	2	-450	0	-52	3	-16	72	4	-87	162
5.850	1	-9	0	-71	2	-698	0	-70	3	-24	-78	4	-98	-119
5.888	1	-193	0	-52	2	-941	0	-86	3	-32	-225	4	-107	-379
5.896	1	-229	0	-51	2	-999	0	-95	3	-33	-248	4	-108	-453
5.900	1	-243	0	-51	2	-1028	0	-95	3	-33	-258	4	-108	-454
5.950	1	-419	0	-42	2	-1425	0	-110	3	-40	-428	4	-119	-862
6.000	1	-596	0	-47	2	-1878	0	-115	3	-45	-597	4	-132	-1313
6.000	1	-592	0	50	2	-1866	0	113	3	127	-1213	4	45	-610
6.021	1	-509	0	48	2	-1667	0	109	3	124	-1001	4	43	-536
6.042	1	-431	0	45	2	-1491	0	105	3	121	-857	4	41	-468
6.050	1	-404	0	44	2	-1426	0	105	3	119	-831	4	40	-443

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
6.100	1	-231	0	54	2	-1033	0	94	3	107	-461	4	34	-294
6.112	1	-178	0	48	2	-946	0	86	3	103	-385	4	32	-221
6.150	1	-18	0	58	2	-708	0	73	3	95	-124	4	28	-107
6.167	1	55	0	55	2	-611	0	67	3	92	-10	4	23	-3
6.200	1	202	0	46	2	-459	0	49	3	84	152	4	18	100
6.237	1	353	0	61	2	-334	0	36	3	73	308	4	13	171
6.250	1	415	0	60	2	-298	0	34	3	73	358	4	13	185
6.292	1	579	0	38	2	-189	0	30	3	71	487	4	8	369
6.300	1	599	0	52	2	-171	0	29	3	69	499	4	9	375
6.350	1	759	0	41	2	-66	0	24	3	57	689	4	4	428
6.400	1	868	0	29	2	19	0	19	3	46	788	4	-5	523
6.417	1	902	0	10	2	43	0	17	3	43	832	4	-14	642
6.450	1	940	0	18	2	82	0	14	3	35	804	4	-15	606
6.500	1	963	0	7	2	126	0	8	3	25	805	4	-24	677
6.502	1	964	0	7	2	127	0	8	3	24	768	4	-24	714
6.542	1	945	0	2	2	128	0	-11	3	25	682	4	-33	850
6.550	1	939	0	-1	2	121	0	-11	3	24	662	4	-33	815
6.600	1	884	0	-12	2	64	0	-17	3	14	622	4	-40	768
6.650	1	785	0	-23	2	-13	0	-22	3	5	546	4	-50	636
6.667	1	745	0	-25	2	-45	0	-24	3	2	529	4	-59	698
6.700	1	641	0	-32	2	-111	0	-27	3	-4	432	4	-62	514
6.750	1	449	0	-43	2	-231	0	-32	3	-13	239	4	-73	371
6.771	1	359	0	-61	2	-287	0	-38	3	-17	157	4	-80	288
6.792	1	270	0	-68	2	-362	0	-49	3	-14	115	4	-86	229
6.800	1	234	0	-49	2	-392	0	-50	3	-16	79	4	-86	169
6.850	1	-7	0	-54	2	-640	0	-72	3	-24	-71	4	-94	-160
6.896	1	-224	0	-48	2	-941	0	-91	3	-33	-240	4	-108	-443
6.900	1	-238	0	-48	2	-968	0	-93	3	-33	-250	4	-108	-471
6.950	1	-417	0	-39	2	-1351	0	-100	1	-39	-417	4	-118	-853
7.000	1	-585	0	-45	2	-1795	0	-114	1	-45	-585	4	-132	-1302
7.000	1	-580	0	51	2	-1783	0	118	3	127	-1170	4	50	-607
7.026	1	-496	0	48	2	-1592	0	109	3	124	-957	4	48	-524
7.050	1	-425	0	46	2	-1425	0	104	3	122	-775	4	45	-499
7.053	1	-416	0	46	2	-1408	0	104	3	122	-806	4	45	-477
7.100	1	-285	0	42	2	-1102	0	96	3	112	-532	4	40	-316
7.125	1	-208	0	53	2	-956	0	88	3	105	-405	4	37	-272
7.150	1	-112	0	47	2	-817	0	82	3	102	-253	4	33	-164
7.200	1	68	0	56	2	-594	0	60	3	93	12	4	26	-5
7.209	1	109	0	72	2	-560	0	56	3	92	66	4	25	25
7.250	1	269	0	51	2	-434	0	45	3	80	170	4	19	139
7.279	1	367	0	59	2	-354	0	42	3	77	314	4	17	172
7.300	1	451	0	46	2	-304	0	36	3	70	376	4	11	274
7.350	1	609	0	35	2	-196	0	32	3	64	567	4	3	384
7.365	1	656	0	56	2	-165	0	30	3	70	581	4	9	417
7.400	1	748	0	33	2	-101	0	28	3	58	592	4	5	490
7.450	1	864	0	21	2	-20	0	23	3	49	717	4	-2	592
7.500	1	948	0	13	2	48	0	19	3	42	718	4	-9	673
7.522	1	974	0	8	2	74	0	18	3	40	775	4	-14	705
7.550	1	999	0	-3	2	103	0	15	3	31	719	4	-17	728
7.600	1	1021	0	-8	2	144	0	11	3	21	703	4	-25	757
7.636	1	1012	0	2	2	166	0	8	3	18	701	4	-28	743
7.650	1	1012	0	-17	2	173	0	7	3	16	659	4	-34	849
7.678	1	993	0	-16	2	183	0	4	3	24	685	4	-30	940
7.700	1	980	0	-22	2	187	0	3	3	14	591	4	-35	947
7.750	1	921	0	-32	2	189	0	-1	3	10	583	4	-44	895
7.800	1	820	0	-43	2	177	0	-5	3	2	421	4	-54	811
7.839	1	709	0	-45	2	160	0	-9	3	-4	369	4	-59	685
7.850	4	682	0	-64	2	153	0	-10	3	-8	290	4	-64	682
7.900	1	507	0	-75	2	115	0	-14	2	-14	115	1	-75	507
7.942	1	325	0	-85	2	74	0	-17	2	-17	74	4	-85	323

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
7.950	1	285	0	-87	2	65	0	-18	2	-18	65	4	-87	285		
7.958	1	244	0	-89	2	56	0	-19	2	-19	56	1	-89	244		
8.000	1	1	0	-36	2	-15	0	-63	3	-22	0	4	-93	-2		
8.000	1	0	0	1	2	-13	0	21	3	25	-3	4	1	0		
8.375	1	0	0	0	2	-8	0	19	2	19	-8	4	0	0		
9.000	1	0	0	0	2	0	0	0	3	19	0	4	0	0		

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
0.000	1	1	0	0	2	-2	0	0	3	0	1	4	4	-22	-1	
0.625	1	1	0	0	2	-10	0	-22	3	0	1	4	4	-22	-8	
1.000	1	1	0	0	2	-16	0	-23	3	0	1	4	4	-23	-1	
1.000	1	1	0	57	2	-16	0	57	3	81	-2	4	4	16	0	
1.000	1	1	0	52	2	-15	0	61	3	80	-1	4	4	16	0	
1.049	1	212	0	76	2	40	0	13	3	76	211	2	4	13	40	
1.050	1	214	0	55	2	41	0	13	3	75	211	2	4	13	41	
1.100	1	381	0	65	2	71	0	9	3	65	381	4	4	9	71	
1.109	1	413	0	43	2	76	0	8	3	65	413	4	4	7	227	
1.150	1	519	0	37	2	92	0	5	3	56	505	4	4	2	293	
1.169	1	566	0	33	2	97	0	4	3	54	565	4	4	-2	392	
1.173	1	572	0	33	2	97	0	4	3	53	567	4	4	-2	391	
1.188	1	606	0	30	2	100	0	3	3	51	600	4	4	-5	421	
1.200	1	626	0	29	2	102	0	2	3	45	584	4	4	-5	420	
1.250	1	709	0	20	2	102	0	-2	3	38	648	4	4	-12	478	
1.300	1	763	0	11	2	92	0	-5	3	30	685	4	4	-19	520	
1.346	1	788	0	13	2	73	0	-9	3	32	640	4	4	-20	551	
1.350	1	787	0	6	2	71	0	-9	3	29	589	4	4	-18	548	
1.353	1	788	0	6	2	70	0	-9	3	29	562	4	4	-19	576	
1.400	1	795	0	-1	2	41	0	-13	3	22	562	4	4	-25	588	
1.450	1	782	0	-12	2	1	0	-16	3	15	544	4	4	-31	585	
1.500	1	753	0	-20	2	-49	0	-20	3	10	526	4	4	-39	598	
1.525	1	730	0	-26	2	-78	0	-22	3	8	538	4	4	-45	596	
1.550	1	696	0	-29	2	-110	0	-23	3	2	449	4	4	-47	554	
1.600	1	613	0	-37	2	-181	0	-27	3	-3	398	4	4	-55	482	
1.650	1	501	0	-46	2	-262	0	-31	3	-10	294	4	4	-63	383	
1.692	1	393	0	-64	2	-340	0	-37	3	-14	247	4	4	-72	285	
1.700	1	378	0	-44	2	-356	0	-38	3	-14	242	4	4	-72	256	
1.703	1	370	0	-46	2	-363	0	-40	3	-7	218	4	4	-73	347	
1.750	1	222	0	-61	2	-473	0	-44	3	-17	68	4	4	-80	189	
1.800	1	53	0	-63	2	-603	0	-52	3	-23	-29	4	4	-88	7	
1.850	1	-113	0	-55	2	-773	0	-65	3	-31	-245	4	4	-97	-204	
1.852	1	-118	0	-55	2	-778	0	-65	3	-31	-247	4	4	-98	-213	
1.893	1	-235	0	-37	2	-967	0	-88	3	-36	-312	4	4	-106	-411	
1.900	1	-250	0	-37	2	-1000	0	-89	3	-37	-327	4	4	-107	-450	
1.950	1	-359	0	-41	2	-1267	0	-102	3	-40	-435	4	4	-117	-723	
2.000	1	-479	0	-45	2	-1560	0	-108	3	-44	-553	4	4	-121	-1057	
2.000	1	-476	0	41	2	-1549	0	104	3	121	-1051	1	4	41	-476	
2.021	1	-408	0	39	2	-1374	0	101	3	118	-849	1	4	39	-408	
2.042	1	-344	0	37	2	-1204	0	97	3	117	-739	1	4	37	-344	
2.050	1	-321	0	36	2	-1145	0	96	3	114	-691	1	4	36	-321	
2.075	1	-250	0	57	2	-962	0	91	3	107	-505	4	4	34	-251	
2.100	1	-144	0	53	2	-786	0	84	3	102	-329	4	4	31	-186	
2.150	1	63	0	55	2	-471	0	69	3	91	-29	4	4	25	-4	

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
2.167	1	135	0	52	2	-388	0	57	3	88	80	4	20	106
2.200	1	273	0	62	2	-244	0	50	3	80	231	4	18	135
2.202	1	282	0	62	2	-228	0	34	3	80	243	4	17	137
2.250	1	495	0	52	2	-107	0	29	3	69	450	4	10	275
2.292	1	648	0	48	2	-16	0	25	3	67	576	4	5	448
2.300	1	673	0	46	2	-1	0	24	3	66	586	4	6	399
2.350	1	825	0	36	2	86	0	19	3	55	725	4	1	436
2.400	1	930	0	24	2	152	0	14	3	44	814	4	-7	574
2.417	1	959	0	21	2	170	0	12	3	41	856	4	-16	691
2.450	1	985	0	5	2	190	0	1	3	33	873	4	-20	706
2.484	1	995	0	-1	2	178	0	-8	3	24	813	4	-25	721
2.500	1	998	0	2	2	167	0	-9	3	23	826	4	-25	741
2.542	1	982	0	-13	2	129	0	-14	3	22	712	4	-35	865
2.550	1	970	0	-10	2	120	0	-14	3	22	691	4	-35	859
2.600	1	911	0	-20	2	52	0	-20	3	13	647	4	-41	759
2.650	1	804	0	-32	2	-37	0	-25	3	3	564	4	-51	668
2.667	1	757	0	-40	2	-73	0	-27	3	1	545	4	-60	684
2.700	1	652	0	-42	2	-147	0	-30	3	-5	447	4	-62	539
2.750	1	456	0	-53	2	-278	0	-35	3	-14	307	4	-73	347
2.768	1	374	0	-56	2	-332	0	-41	3	-19	218	4	-79	284
2.792	1	268	0	-65	2	-417	0	-52	3	-15	158	4	-87	222
2.800	1	231	0	-61	2	-446	0	-57	3	-16	118	4	-87	183
2.850	1	-11	0	-69	2	-695	0	-71	3	-26	-60	4	-99	-97
2.887	1	-184	0	-55	2	-942	0	-91	3	-34	-238	4	-107	-356
2.896	1	-223	0	-55	2	-1007	0	-94	3	-35	-262	4	-108	-430
2.900	1	-238	0	-54	2	-1032	0	-98	3	-35	-272	4	-108	-459
2.950	1	-431	0	-46	2	-1452	0	-108	3	-44	-493	4	-119	-876
3.000	1	-626	0	-51	2	-1903	0	-118	3	-50	-680	4	-132	-1335
3.000	1	-622	0	44	2	-1892	0	115	3	125	-1213	1	44	-622
3.021	1	-549	0	42	2	-1700	0	111	3	122	-1004	1	42	-549
3.042	1	-480	0	40	2	-1517	0	107	3	119	-882	1	40	-480
3.050	1	-455	0	39	2	-1452	0	106	3	117	-832	1	39	-455
3.100	1	-260	0	57	2	-1046	0	91	3	105	-459	4	34	-310
3.112	1	-206	0	51	2	-959	0	94	3	101	-381	4	32	-230
3.150	1	-44	0	58	2	-727	0	71	3	94	-151	4	27	-115
3.167	1	31	0	55	2	-629	0	68	3	90	-39	4	22	-1
3.200	1	178	0	62	2	-478	0	51	3	83	121	4	20	32
3.248	1	384	0	54	2	-320	0	35	3	71	335	4	11	181
3.250	1	394	0	54	2	-315	0	34	3	72	347	4	12	184
3.292	1	555	0	51	2	-206	0	30	3	70	481	4	7	365
3.300	1	582	0	49	2	-188	0	29	3	68	493	4	8	316
3.350	1	743	0	38	2	-81	0	24	3	57	641	4	3	361
3.400	1	857	0	26	2	5	0	19	3	46	740	4	-5	509
3.417	1	889	0	24	2	30	0	17	3	43	785	4	-13	630
3.450	1	924	0	15	2	70	0	14	3	36	808	4	-14	594
3.500	1	943	0	4	2	111	0	-2	3	25	816	4	-24	669
3.506	1	948	0	14	2	110	0	-2	3	24	789	4	-24	697
3.542	1	937	0	-11	2	87	0	-11	3	25	671	4	-32	820
3.550	1	926	0	-7	2	79	0	-12	3	24	652	4	-32	821
3.600	1	876	0	-18	2	20	0	-17	3	15	616	4	-39	729
3.650	1	779	0	-29	2	-60	0	-22	3	6	542	4	-49	644
3.667	1	736	0	-37	2	-92	0	-24	3	3	526	4	-57	663
3.700	1	637	0	-40	2	-160	0	-28	3	-3	434	4	-60	524
3.750	1	451	0	-50	2	-282	0	-33	3	-11	247	4	-71	341
3.768	1	374	0	-54	2	-331	0	-38	3	-16	172	4	-77	286
3.792	1	271	0	-63	2	-413	0	-49	3	-12	129	4	-84	225
3.800	1	236	0	-59	2	-440	0	-55	3	-14	96	4	-84	188
3.850	1	3	0	-67	2	-680	0	-76	3	-23	-55	4	-96	-82
3.887	1	-164	0	-53	2	-919	0	-88	3	-31	-208	4	-104	-333
3.896	1	-201	0	-52	2	-981	0	-93	3	-32	-230	4	-105	-406

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
3.900	1	-215	0	-52	2	-1006	0	-96	3	-32	-239	4	-106	-434
3.950	1	-398	0	-41	2	-1416	0	-105	3	-39	-421	4	-117	-841
4.000	1	-573	0	-46	2	-1856	0	-115	3	-45	-589	4	-130	-1290
4.000	1	-572	0	44	2	-1845	0	114	3	124	-1165	4	44	-581
4.021	1	-499	0	42	2	-1654	0	110	3	121	-957	4	41	-509
4.042	1	-424	0	44	2	-1474	0	106	3	119	-837	4	39	-442
4.050	1	-397	0	44	2	-1408	0	106	3	116	-787	4	38	-417
4.100	1	-209	0	56	2	-1006	0	90	3	104	-417	4	33	-275
4.112	1	-156	0	50	2	-919	0	93	3	100	-340	4	31	-195
4.150	1	-2	0	53	2	-691	0	70	3	93	-112	4	27	-82
4.167	1	66	0	50	2	-593	0	67	3	90	-1	4	21	31
4.200	1	209	0	61	2	-445	0	46	3	82	155	4	17	128
4.234	1	358	0	55	2	-332	0	35	3	72	290	4	12	197
4.250	1	427	0	53	2	-289	0	34	3	71	380	4	12	212
4.292	1	585	0	50	2	-182	0	30	3	69	512	4	6	390
4.300	1	612	0	48	2	-165	0	29	3	67	523	4	8	341
4.350	1	769	0	37	2	-60	0	24	3	56	668	4	3	384
4.400	1	880	0	25	2	23	0	18	3	46	764	4	-5	529
4.417	1	911	0	23	2	47	0	17	3	42	807	4	-14	650
4.450	1	945	0	14	2	86	0	13	3	35	828	4	-15	611
4.499	1	959	0	3	2	126	0	-2	3	24	808	4	-26	658
4.500	1	961	0	3	2	125	0	-2	3	24	793	4	-24	710
4.542	1	951	0	-12	2	99	0	-12	3	24	683	4	-33	835
4.550	1	941	0	-8	2	91	0	-13	3	23	664	4	-33	836
4.600	1	887	0	-18	2	30	0	-18	3	14	625	4	-40	737
4.650	1	787	0	-30	2	-53	0	-23	3	5	549	4	-50	651
4.667	1	743	0	-38	2	-86	0	-25	3	2	532	4	-58	669
4.700	1	642	0	-40	2	-156	0	-28	3	-4	438	4	-61	529
4.750	1	452	0	-51	2	-280	0	-33	3	-12	249	4	-72	343
4.768	1	374	0	-55	2	-331	0	-39	3	-17	172	4	-78	285
4.792	1	270	0	-63	2	-414	0	-50	3	-13	128	4	-85	224
4.800	1	234	0	-59	2	-441	0	-55	3	-14	94	4	-85	187
4.850	1	-1	0	-68	2	-684	0	-77	3	-23	-58	4	-97	-86
4.887	1	-170	0	-54	2	-925	0	-89	3	-32	-213	4	-105	-340
4.896	1	-207	0	-53	2	-988	0	-94	3	-33	-236	4	-106	-413
4.900	1	-222	0	-53	2	-1014	0	-97	3	-33	-245	4	-106	-441
4.950	1	-407	0	-42	2	-1427	0	-106	3	-40	-430	4	-117	-851
5.000	1	-584	0	-47	2	-1870	0	-116	3	-45	-600	4	-131	-1303
5.000	1	-583	0	44	2	-1859	0	114	3	124	-1178	4	44	-594
5.021	1	-510	0	42	2	-1668	0	111	3	121	-971	4	42	-521
5.042	1	-434	0	45	2	-1487	0	107	3	119	-850	4	39	-453
5.050	1	-407	0	44	2	-1421	0	106	3	116	-800	4	39	-429
5.100	1	-219	0	56	2	-1018	0	90	3	104	-429	4	33	-285
5.112	1	-165	0	51	2	-931	0	94	3	100	-352	4	31	-206
5.150	1	-11	0	53	2	-702	0	70	3	93	-123	4	27	-92
5.167	1	57	0	50	2	-605	0	67	3	90	-12	4	22	21
5.200	1	202	0	56	2	-456	0	46	3	82	144	4	17	128
5.238	1	366	0	54	2	-329	0	35	3	72	304	4	11	192
5.250	1	417	0	54	2	-297	0	34	3	71	370	4	12	203
5.292	1	576	0	50	2	-190	0	30	3	69	502	4	7	382
5.300	1	603	0	48	2	-173	0	29	3	67	514	4	8	333
5.350	1	761	0	37	2	-68	0	24	3	57	659	4	3	377
5.400	1	873	0	25	2	16	0	19	3	46	756	4	-5	522
5.417	1	904	0	23	2	41	0	17	3	43	800	4	-14	643
5.450	1	938	0	15	2	80	0	13	3	35	821	4	-15	605
5.500	1	955	0	4	2	120	0	-2	3	25	787	4	-24	707
5.501	1	955	0	3	2	120	0	-2	3	24	789	4	-24	705
5.542	1	946	0	-11	2	95	0	-12	3	24	678	4	-33	829
5.550	1	935	0	-8	2	87	0	-13	3	23	659	4	-33	830

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
5.600	1	882	0	-18	2	26	0	-18	3	14	621	4	-39	733
5.650	1	783	0	-30	2	-56	0	-23	3	5	545	4	-50	647
5.667	1	739	0	-38	2	-89	0	-25	3	2	529	4	-58	666
5.700	1	639	0	-40	2	-158	0	-28	3	-4	435	4	-61	525
5.750	1	450	0	-51	2	-282	0	-33	3	-12	247	4	-71	339
5.767	1	376	0	-54	2	-330	0	-39	3	-16	171	4	-77	288
5.792	1	268	0	-63	2	-415	0	-50	3	-13	127	4	-85	222
5.800	1	233	0	-59	2	-443	0	-55	3	-14	93	4	-85	185
5.850	1	-2	0	-68	2	-685	0	-77	3	-23	-59	4	-97	-8
5.888	1	-177	0	-54	2	-925	0	-89	3	-32	-214	4	-105	-341
5.896	1	-214	0	-53	2	-984	0	-98	3	-33	-236	4	-106	-414
5.900	1	-229	0	-53	2	-1013	0	-96	3	-32	-245	4	-106	-442
5.950	1	-420	0	-42	2	-1426	0	-106	3	-40	-429	4	-117	-851
6.000	1	-598	0	-47	2	-1869	0	-116	3	-45	-599	4	-131	-1303
6.000	1	-593	0	50	2	-1857	0	114	3	124	-1177	4	45	-610
6.021	1	-511	0	48	2	-1666	0	111	3	122	-969	4	43	-536
6.042	1	-433	0	45	2	-1485	0	107	3	119	-847	4	41	-469
6.050	1	-405	0	44	2	-1419	0	107	3	116	-797	4	40	-444
6.100	1	-217	0	56	2	-1015	0	90	3	104	-427	4	34	-295
6.112	1	-163	0	51	2	-928	0	94	3	100	-349	4	32	-207
6.150	1	-9	0	53	2	-699	0	70	3	93	-120	4	27	-91
6.167	1	59	0	50	2	-602	0	67	3	90	-9	4	22	24
6.200	1	205	0	56	2	-452	0	47	3	82	148	4	17	127
6.237	1	364	0	54	2	-330	0	35	3	72	299	4	12	194
6.250	1	421	0	54	2	-294	0	34	3	71	374	4	12	206
6.292	1	580	0	50	2	-187	0	30	3	69	506	4	7	386
6.300	1	607	0	48	2	-169	0	29	3	67	518	4	8	391
6.350	1	765	0	37	2	-64	0	24	3	57	664	4	3	441
6.400	1	877	0	25	2	21	0	19	3	46	760	4	-5	527
6.417	1	909	0	23	2	45	0	17	3	43	804	4	-14	648
6.450	1	943	0	15	2	85	0	13	3	35	826	4	-15	610
6.500	1	960	0	4	2	128	0	8	3	25	832	4	-24	675
6.502	1	960	0	14	2	129	0	8	3	24	795	4	-24	712
6.542	1	951	0	-11	2	129	0	-11	3	24	683	4	-33	835
6.550	1	941	0	-8	2	122	0	-11	3	24	664	4	-33	836
6.600	1	888	0	-18	2	66	0	-17	3	14	626	4	-39	740
6.650	1	789	0	-30	2	-11	0	-22	3	5	550	4	-49	654
6.667	1	745	0	-38	2	-42	0	-24	3	2	534	4	-58	672
6.700	1	645	0	-40	2	-109	0	-27	3	-4	442	4	-61	532
6.750	1	456	0	-51	2	-228	0	-32	3	-12	253	4	-72	353
6.771	1	365	0	-54	2	-284	0	-38	3	-17	174	4	-78	272
6.792	1	274	0	-63	2	-357	0	-48	3	-13	135	4	-85	230
6.800	1	238	0	-59	2	-388	0	-54	3	-14	100	4	-85	192
6.850	1	0	0	-59	2	-629	0	-68	3	-23	-52	4	-92	-132
6.896	1	-210	0	-50	2	-925	0	-94	3	-32	-228	4	-106	-405
6.900	1	-224	0	-50	2	-953	0	-97	3	-32	-238	4	-106	-432
6.950	1	-419	0	-39	2	-1355	0	-103	1	-39	-419	4	-117	-842
7.000	1	-587	0	-45	2	-1785	0	-111	1	-45	-587	4	-130	-1292
7.000	1	-582	0	51	2	-1776	0	116	3	125	-1142	4	50	-606
7.026	1	-498	0	48	2	-1584	0	110	3	122	-934	4	48	-523
7.050	1	-427	0	46	2	-1421	0	107	3	120	-754	4	45	-502
7.053	1	-418	0	46	2	-1402	0	106	3	120	-799	4	45	-487
7.100	1	-284	0	57	2	-1088	0	95	3	110	-508	4	39	-332
7.125	1	-193	0	55	2	-935	0	87	3	103	-378	4	36	-260
7.150	1	-104	0	39	2	-808	0	74	3	100	-227	4	32	-144
7.200	1	68	0	59	2	-583	0	63	3	91	11	4	25	21
7.209	1	108	0	63	2	-555	0	56	3	91	64	4	23	53
7.250	1	273	0	56	2	-429	0	45	3	79	184	4	17	168
7.279	1	374	0	56	2	-350	0	42	3	76	327	4	15	198

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.300	1	454	0	51	2	-300	0	36	3	70	366	4	10	297
7.350	1	613	0	42	2	-192	0	32	3	64	554	4	2	402
7.365	1	657	0	51	2	-162	0	30	3	69	596	4	9	434
7.400	1	753	0	23	2	-98	0	27	3	58	598	4	5	505
7.450	1	866	0	15	2	-17	0	23	3	48	714	4	-2	596
7.500	1	948	0	16	2	50	0	19	3	42	720	4	-10	679
7.522	1	977	0	11	2	76	0	17	3	40	776	4	-14	710
7.550	1	1004	0	6	2	105	0	15	3	31	718	4	-17	733
7.600	1	1024	0	-4	2	146	0	11	3	22	708	4	-25	759
7.636	1	1015	0	-5	2	168	0	8	3	18	707	4	-28	744
7.650	1	1010	0	-13	2	174	0	7	3	16	666	4	-33	841
7.678	1	989	0	-5	2	185	0	4	3	25	697	4	-29	920
7.700	1	976	0	-32	2	189	0	3	3	16	612	4	-34	930
7.750	1	913	0	-42	2	190	0	-1	3	12	618	4	-44	883
7.800	1	813	0	-52	2	178	0	-6	3	4	530	4	-53	795
7.839	1	703	0	-41	2	160	0	-9	3	-2	396	4	-59	671
7.850	1	674	0	-64	2	154	0	-10	3	-7	305	4	-64	672
7.900	4	502	0	-74	2	116	0	-14	2	-14	116	4	-74	502
7.942	4	321	0	-84	2	75	0	-17	2	-17	75	4	-84	321
7.950	1	282	0	-86	2	65	0	-18	2	-18	65	4	-86	282
7.958	1	241	0	-87	2	56	0	-19	2	-19	56	1	-87	241
8.000	1	1	0	-36	2	-14	0	-71	3	-22	0	4	-91	-2
8.000	1	0	0	1	2	-12	0	19	3	25	-4	4	1	0
8.375	1	0	0	0	2	-7	0	18	2	18	-7	4	0	0
9.000	1	0	0	0	2	0	0	0	3	17	0	4	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	1	0	0	2	-2	0	0	3	0	1	4	-21	0
0.625	1	1	0	0	2	-10	0	-22	3	0	1	4	-22	-8
1.000	1	1	0	0	2	-15	0	-22	3	0	0	4	-22	-1
1.000	1	1	0	67	2	-16	0	72	3	90	-2	4	17	0
1.000	1	1	0	60	2	-15	0	71	3	87	1	4	17	0
1.049	1	232	0	83	2	41	0	13	1	83	232	2	13	41
1.050	1	234	0	59	2	42	0	13	3	82	230	4	13	42
1.100	1	414	0	72	2	74	0	9	3	72	414	2	9	74
1.109	1	450	0	50	2	78	0	9	3	71	450	4	7	225
1.150	1	565	0	44	2	95	0	6	3	61	547	4	2	290
1.169	1	614	0	48	2	101	0	4	3	60	613	4	-3	401
1.173	1	621	0	39	2	102	0	4	3	58	613	4	-3	400
1.188	1	658	0	44	2	105	0	3	3	56	652	4	-7	439
1.200	1	676	0	35	2	107	0	2	3	51	631	4	-7	438
1.250	1	766	0	14	2	108	0	-1	3	42	704	4	-15	520
1.300	1	825	0	5	2	99	0	-5	3	34	747	4	-23	573
1.346	1	857	0	0	2	82	0	-8	3	38	736	4	-24	613
1.350	1	858	0	1	2	80	0	-8	3	34	647	4	-22	610
1.353	1	858	0	0	2	79	0	-9	3	34	622	4	-22	637
1.400	1	870	0	-7	2	51	0	-12	3	27	626	4	-29	658
1.450	1	857	0	-15	2	13	0	-16	3	20	613	4	-37	664
1.500	1	821	0	-28	2	-37	0	-19	3	14	601	4	-45	680
1.525	1	799	0	-13	2	-64	0	-21	3	13	619	4	-51	643
1.550	1	760	0	-37	2	-96	0	-23	3	6	517	4	-53	627
1.600	1	673	0	-45	2	-165	0	-27	3	0	462	4	-61	545
1.650	1	562	0	-52	2	-245	0	-30	3	-8	340	4	-70	436

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.692	1	456	0	-57	2	-387	0	-38	3	-12	292	4	-79	330		
1.700	1	437	0	-38	2	-403	0	-39	3	-12	288	4	-78	298		
1.703	1	430	0	-61	2	-411	0	-42	3	-3	256	4	-79	397		
1.750	1	285	0	-67	2	-525	0	-46	3	-16	85	4	-86	231		
1.800	1	112	0	-75	2	-659	0	-50	3	-22	-21	4	-94	43		
1.850	1	-82	0	-76	2	-805	0	-54	3	-31	-254	4	-104	-167		
1.852	1	-89	0	-76	2	-810	0	-54	3	-31	-256	4	-104	-176		
1.893	1	-228	0	-71	2	-938	0	-58	3	-36	-323	4	-113	-368		
1.900	1	-255	0	-72	2	-962	0	-59	3	-36	-357	4	-113	-408		
1.950	1	-367	0	-41	2	-1236	0	-105	3	-40	-464	4	-124	-680		
2.000	1	-487	0	-45	2	-1543	0	-115	3	-44	-581	4	-128	-1032		
2.000	1	-484	0	42	2	-1531	0	110	3	125	-996	4	42	-484		
2.021	1	-415	0	40	2	-1350	0	106	3	123	-786	4	40	-416		
2.042	1	-350	0	38	2	-1175	0	100	3	121	-675	4	38	-351		
2.050	1	-327	0	37	2	-1115	0	100	3	119	-634	4	37	-327		
2.075	1	-243	0	72	2	-920	0	95	3	112	-452	4	34	-256		
2.100	1	-123	0	67	2	-736	0	90	3	107	-280	4	32	-191		
2.150	1	115	0	72	2	-417	0	61	3	96	28	4	24	-1		
2.167	1	204	0	68	2	-343	0	46	3	92	141	4	18	132		
2.200	1	341	0	68	2	-237	0	34	3	84	283	4	16	174		
2.202	1	351	0	68	2	-232	0	34	3	84	295	4	16	176		
2.250	1	552	0	57	2	-110	0	29	3	73	495	4	8	303		
2.292	1	703	0	34	2	-19	0	25	3	73	615	4	2	503		
2.300	1	723	0	53	2	-5	0	25	3	71	623	4	3	506		
2.350	1	871	0	41	2	83	0	19	3	60	770	4	-1	546		
2.400	1	975	0	32	2	149	0	14	3	49	886	4	-10	638		
2.417	1	1008	0	8	2	167	0	12	3	46	933	4	-21	771		
2.450	1	1038	0	2	2	194	0	1	3	38	928	4	-25	782		
2.484	1	1042	0	5	2	186	0	-7	3	28	868	4	-31	788		
2.500	1	1050	0	5	2	175	0	-9	3	27	883	4	-29	753		
2.542	1	1030	0	-1	2	138	0	-13	3	28	810	4	-39	921		
2.550	1	1020	0	-2	2	130	0	-14	3	27	783	4	-39	927		
2.600	1	956	0	-12	2	63	0	-19	3	17	720	4	-45	796		
2.650	1	851	0	-24	2	-24	0	-24	3	8	638	4	-55	708		
2.667	1	809	0	-26	2	-59	0	-26	3	5	622	4	-64	732		
2.700	1	700	0	-34	2	-132	0	-30	3	-2	518	4	-67	577		
2.750	1	513	0	-44	2	-261	0	-35	3	-11	362	4	-78	391		
2.768	1	433	0	-61	2	-375	0	-42	3	-17	258	4	-84	328		
2.792	1	338	0	-50	2	-460	0	-48	3	-12	194	4	-91	276		
2.800	1	300	0	-52	2	-490	0	-49	3	-13	151	4	-91	230		
2.850	1	47	0	-81	2	-697	0	-55	3	-24	-42	4	-103	-48		
2.887	1	-159	0	-68	2	-869	0	-60	3	-35	-240	4	-112	-312		
2.896	1	-202	0	-53	2	-918	0	-84	3	-36	-264	4	-113	-390		
2.900	1	-217	0	-53	2	-945	0	-84	3	-35	-275	4	-113	-410		
2.950	1	-438	0	-46	2	-1355	0	-113	3	-44	-577	4	-124	-826		
3.000	1	-634	0	-52	2	-1818	0	-119	3	-49	-763	4	-138	-1278		
3.000	1	-630	0	45	2	-1808	0	118	3	129	-1155	4	45	-630		
3.021	1	-556	0	42	2	-1611	0	115	3	127	-938	4	42	-556		
3.042	1	-486	0	40	2	-1423	0	107	3	124	-816	4	40	-486		
3.050	1	-462	0	39	2	-1357	0	106	3	122	-773	4	39	-462		
3.100	1	-236	0	71	2	-947	0	88	3	110	-410	4	34	-315		
3.112	1	-171	0	52	2	-878	0	56	3	106	-337	4	32	-234		
3.150	1	10	0	74	2	-716	0	51	3	98	-93	4	27	-110		
3.167	1	100	0	46	2	-646	0	49	3	95	23	4	20	27		
3.200	1	247	0	66	2	-523	0	45	3	87	166	4	19	75		
3.248	1	440	0	59	2	-303	0	34	3	75	380	4	8	210		
3.250	1	451	0	60	2	-297	0	34	3	76	393	4	10	213		
3.292	1	610	0	36	2	-190	0	30	3	75	521	4	4	421		
3.300	1	631	0	55	2	-173	0	29	3	74	530	4	6	426		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
3.350	1	788	0	44	2	-68	0	24	3	63	686	4	4	1	474	
3.400	1	901	0	34	2	17	0	19	3	52	812	4	4	-8	574	
3.417	1	938	0	11	2	41	0	17	3	48	862	4	4	-18	709	
3.450	1	971	0	18	2	80	0	13	3	40	863	4	4	-19	661	
3.500	1	996	0	7	2	120	0	-2	3	29	874	4	4	-29	684	
3.506	1	999	0	7	2	119	0	-2	3	29	848	4	4	-29	709	
3.542	1	984	0	2	2	97	0	-11	3	30	769	4	4	-37	876	
3.550	1	975	0	0	2	89	0	-12	3	30	744	4	4	-36	878	
3.600	1	921	0	-10	2	32	0	-17	3	20	690	4	4	-43	767	
3.650	1	826	0	-21	2	-46	0	-22	3	10	616	4	4	-53	683	
3.667	1	788	0	-23	2	-78	0	-24	3	7	603	4	4	-62	711	
3.700	1	685	0	-31	2	-145	0	-27	3	0	505	4	4	-64	562	
3.750	1	509	0	-41	2	-265	0	-32	3	-9	357	4	4	-75	384	
3.768	1	434	0	-59	2	-374	0	-40	3	-15	202	4	4	-82	329	
3.792	1	341	0	-47	2	-455	0	-45	3	-10	198	4	4	-88	280	
3.800	1	304	0	-50	2	-484	0	-46	3	-11	155	4	4	-88	236	
3.850	1	61	0	-79	2	-681	0	-52	3	-22	-41	4	4	-100	-32	
3.887	1	-138	0	-66	2	-845	0	-57	3	-31	-212	4	4	-109	-289	
3.896	1	-180	0	-51	2	-893	0	-81	3	-32	-234	4	4	-110	-365	
3.900	1	-194	0	-51	2	-918	0	-82	3	-32	-243	4	4	-110	-385	
3.950	1	-405	0	-41	2	-1319	0	-110	3	-40	-427	4	4	-121	-791	
4.000	1	-581	0	-47	2	-1772	0	-116	3	-45	-597	4	4	-135	-1232	
4.000	1	-580	0	44	2	-1762	0	117	3	129	-1107	4	4	44	-589	
4.021	1	-507	0	42	2	-1566	0	114	3	126	-892	4	4	42	-517	
4.042	1	-431	0	45	2	-1379	0	107	3	123	-770	4	4	40	-448	
4.050	1	-404	0	44	2	-1314	0	106	3	121	-728	4	4	39	-423	
4.100	1	-187	0	70	2	-908	0	82	3	109	-368	4	4	33	-279	
4.112	1	-125	0	49	2	-842	0	55	3	105	-296	4	4	31	-199	
4.150	1	43	0	73	2	-682	0	51	3	97	-54	4	4	26	-77	
4.167	1	133	0	52	2	-613	0	48	3	94	60	4	4	19	59	
4.200	1	277	0	66	2	-492	0	44	3	86	200	4	4	15	163	
4.234	1	411	0	55	2	-314	0	35	3	76	331	4	4	9	229	
4.250	1	483	0	59	2	-271	0	33	3	75	426	4	4	9	241	
4.292	1	640	0	36	2	-166	0	29	3	75	551	4	4	3	447	
4.300	1	661	0	54	2	-149	0	28	3	73	560	4	4	5	451	
4.350	1	815	0	43	2	-46	0	23	3	62	713	4	4	0	497	
4.400	1	925	0	33	2	35	0	18	3	51	836	4	4	-9	594	
4.417	1	961	0	10	2	59	0	16	3	47	884	4	4	-19	729	
4.450	1	991	0	18	2	96	0	13	3	40	884	4	4	-19	678	
4.499	1	1011	0	6	2	135	0	-2	3	28	868	4	4	-31	719	
4.500	1	1013	0	7	2	134	0	-2	3	29	850	4	4	-28	722	
4.542	1	998	0	1	2	109	0	-12	3	30	781	4	4	-38	890	
4.550	1	989	0	-1	2	101	0	-12	3	29	756	4	4	-37	892	
4.600	1	932	0	-11	2	41	0	-18	3	19	699	4	4	-43	774	
4.650	1	833	0	-22	2	-40	0	-23	3	9	623	4	4	-54	692	
4.667	1	795	0	-24	2	-72	0	-25	3	6	609	4	4	-63	718	
4.700	1	690	0	-32	2	-141	0	-28	3	0	509	4	4	-65	567	
4.750	1	510	0	-42	2	-264	0	-33	3	-10	359	4	4	-76	386	
4.768	1	433	0	-60	2	-375	0	-40	3	-16	202	4	4	-83	328	
4.792	1	341	0	-48	2	-456	0	-46	3	-10	197	4	4	-89	279	
4.800	1	303	0	-51	2	-485	0	-47	3	-11	154	4	4	-89	234	
4.850	1	57	0	-79	2	-685	0	-53	3	-22	-45	4	4	-101	-37	
4.887	1	-144	0	-67	2	-851	0	-58	3	-32	-217	4	4	-110	-296	
4.896	1	-187	0	-52	2	-900	0	-82	3	-33	-240	4	4	-111	-372	
4.900	1	-201	0	-51	2	-926	0	-82	3	-33	-250	4	4	-111	-393	
4.950	1	-414	0	-42	2	-1330	0	-111	3	-40	-436	4	4	-122	-801	
5.000	1	-593	0	-47	2	-1786	0	-117	3	-46	-608	4	4	-136	-1246	
5.000	1	-591	0	45	2	-1776	0	117	3	129	-1120	4	4	44	-601	
5.021	1	-518	0	42	2	-1579	0	115	3	126	-905	4	4	42	-528	

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
5.042	1	-441	0	45	2	-1392	0	107	3	124	-783	4	40	-459
5.050	1	-414	0	44	2	-1327	0	107	3	121	-740	4	39	-435
5.100	1	-197	0	71	2	-920	0	83	3	109	-380	4	34	-290
5.112	1	-135	0	49	2	-854	0	56	3	105	-308	4	31	-210
5.150	1	33	0	74	2	-694	0	51	3	98	-66	4	26	-87
5.167	1	124	0	51	2	-625	0	49	3	94	49	4	20	49
5.200	1	273	0	47	2	-503	0	45	3	86	189	4	14	164
5.238	1	419	0	55	2	-311	0	35	3	75	346	4	9	224
5.250	1	474	0	59	2	-280	0	33	3	75	416	4	10	233
5.292	1	631	0	36	2	-174	0	29	3	75	542	4	3	439
5.300	1	652	0	54	2	-157	0	29	3	73	551	4	5	443
5.350	1	806	0	43	2	-54	0	23	3	62	705	4	1	489
5.400	1	917	0	33	2	28	0	18	3	51	828	4	-8	588
5.417	1	953	0	10	2	52	0	16	3	48	877	4	-19	722
5.450	1	984	0	18	2	90	0	13	3	40	877	4	-19	672
5.500	1	1007	0	7	2	129	0	-2	3	29	845	4	-28	720
5.501	1	1007	0	7	2	129	0	-2	3	29	847	4	-28	718
5.542	1	993	0	1	2	104	0	-11	3	30	776	4	-38	885
5.550	1	984	0	0	2	97	0	-12	3	29	751	4	-37	887
5.600	1	927	0	-10	2	38	0	-17	3	19	695	4	-43	770
5.650	1	829	0	-22	2	-43	0	-23	3	9	619	4	-53	687
5.667	1	791	0	-24	2	-75	0	-24	3	6	606	4	-63	714
5.700	1	687	0	-32	2	-144	0	-28	3	0	506	4	-65	564
5.750	1	508	0	-42	2	-265	0	-33	3	-10	357	4	-76	382
5.767	1	436	0	-59	2	-373	0	-40	3	-15	201	4	-82	332
5.792	1	339	0	-48	2	-457	0	-46	3	-10	195	4	-89	277
5.800	1	301	0	-51	2	-486	0	-47	3	-11	153	4	-89	232
5.850	1	56	0	-79	2	-685	0	-53	3	-22	-46	4	-101	-38
5.888	1	-149	0	-67	2	-850	0	-58	3	-32	-218	4	-110	-297
5.896	1	-192	0	-51	2	-899	0	-82	3	-33	-240	4	-111	-373
5.900	1	-206	0	-51	2	-925	0	-82	3	-33	-250	4	-111	-393
5.950	1	-424	0	-42	2	-1329	0	-111	3	-40	-435	4	-122	-802
6.000	1	-603	0	-47	2	-1784	0	-117	3	-46	-607	4	-136	-1245
6.000	1	-601	0	50	2	-1774	0	117	3	129	-1119	4	45	-615
6.021	1	-519	0	48	2	-1578	0	115	3	126	-903	4	43	-540
6.042	1	-440	0	45	2	-1390	0	107	3	124	-781	4	41	-471
6.050	1	-413	0	44	2	-1325	0	107	3	121	-738	4	40	-446
6.100	1	-195	0	71	2	-918	0	83	3	109	-378	4	35	-297
6.112	1	-133	0	49	2	-852	0	56	3	105	-305	4	31	-210
6.150	1	36	0	74	2	-691	0	51	3	98	-63	4	27	-86
6.167	1	126	0	52	2	-622	0	49	3	94	53	4	20	52
6.200	1	275	0	47	2	-500	0	45	3	86	193	4	15	163
6.237	1	417	0	55	2	-312	0	35	3	76	341	4	9	226
6.250	1	478	0	59	2	-277	0	34	3	75	420	4	10	236
6.292	1	635	0	36	2	-171	0	30	3	75	546	4	3	442
6.300	1	656	0	55	2	-153	0	29	3	73	555	4	5	446
6.350	1	811	0	43	2	-50	0	23	3	62	709	4	1	493
6.400	1	922	0	33	2	33	0	18	3	51	833	4	-8	592
6.417	1	958	0	10	2	57	0	16	3	48	881	4	-19	727
6.450	1	990	0	18	2	95	0	13	3	40	882	4	-19	677
6.500	1	1012	0	7	2	136	0	8	3	29	890	4	-28	688
6.502	1	1013	0	7	2	137	0	8	3	29	853	4	-29	725
6.542	1	998	0	1	2	132	0	-10	3	30	782	4	-37	891
6.550	1	989	0	0	2	126	0	-11	3	29	756	4	-37	893
6.600	1	933	0	-12	2	70	0	-16	3	19	700	4	-43	795
6.650	1	835	0	-22	2	-6	0	-22	3	10	625	4	-53	694
6.667	1	797	0	-24	2	-38	0	-23	3	6	612	4	-62	721
6.700	1	693	0	-32	2	-104	0	-27	3	0	512	4	-65	571
6.750	1	514	0	-41	2	-222	0	-32	3	-10	363	4	-76	396
6.771	1	424	0	-59	2	-280	0	-38	3	-16	204	4	-83	315

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
6.792	1	345	0	-48	2	-348	0	-43	3	-10	202	4	-89	284
6.800	1	307	0	-50	2	-375	0	-44	3	-11	158	4	-89	240
6.850	1	61	0	-60	2	-565	0	-53	3	-22	-39	4	-96	-94
6.896	1	-189	0	-56	2	-850	0	-95	3	-33	-233	4	-111	-363
6.900	1	-202	0	-48	2	-878	0	-96	3	-32	-242	4	-110	-384
6.950	1	-425	0	-40	2	-1287	0	-108	1	-40	-425	4	-122	-792
7.000	1	-595	0	-45	2	-1734	0	-116	1	-45	-595	4	-136	-1235
7.000	1	-590	0	51	2	-1722	0	117	3	130	-1094	4	50	-613
7.026	1	-506	0	49	2	-1526	0	115	3	127	-877	4	48	-530
7.050	1	-434	0	46	2	-1357	0	111	3	125	-690	4	45	-505
7.053	1	-425	0	46	2	-1337	0	110	3	125	-744	4	45	-555
7.100	1	-270	0	56	2	-1018	0	102	3	115	-464	4	39	-377
7.125	1	-175	0	66	2	-895	0	58	3	108	-343	4	36	-262
7.150	1	-67	0	54	2	-803	0	56	3	106	-190	4	31	-142
7.200	1	136	0	56	2	-632	0	50	3	96	55	4	23	44
7.209	1	175	0	54	2	-603	0	50	3	96	112	4	21	81
7.250	1	332	0	49	2	-479	0	46	3	83	218	4	15	205
7.279	1	426	0	61	2	-330	0	42	3	80	369	4	13	231
7.300	1	510	0	44	2	-282	0	35	3	74	403	4	7	343
7.350	1	667	0	34	2	-175	0	31	3	68	599	4	-2	459
7.365	1	711	0	57	2	-145	0	30	3	76	630	4	6	494
7.400	1	807	0	31	2	-83	0	27	3	64	657	4	2	574
7.450	1	923	0	22	2	-3	0	23	3	55	759	4	-6	679
7.500	1	1008	0	13	2	63	0	19	3	48	880	4	-14	760
7.522	1	1035	0	25	2	88	0	17	3	46	945	4	-19	792
7.550	1	1062	0	0	2	116	0	15	3	36	895	4	-23	814
7.600	1	1082	0	-10	2	156	0	11	3	26	788	4	-31	836
7.636	1	1068	0	1	2	178	0	8	3	23	797	4	-34	809
7.650	1	1068	0	-20	2	183	0	7	3	20	749	4	-40	874
7.678	1	1045	0	-18	2	193	0	4	3	32	783	4	-34	987
7.700	1	1030	0	-24	2	196	0	2	3	20	667	4	-38	987
7.750	1	968	0	-34	2	196	0	-2	3	17	677	4	-48	934
7.800	1	868	0	-45	2	183	0	-6	3	7	567	4	-58	850
7.839	1	752	0	-47	2	164	0	-9	3	-2	410	4	-64	718
7.850	1	721	0	-57	2	157	0	-10	3	-8	304	4	-69	718
7.900	1	539	0	-80	3	118	0	-14	2	-14	118	4	-80	539
7.942	1	345	0	-91	3	76	0	-18	2	-18	76	4	-91	345
7.950	1	304	0	-93	2	66	0	-18	3	-18	66	4	-93	304
7.958	1	260	0	-94	2	57	0	-19	3	-19	57	1	-94	260
8.000	1	1	0	-35	2	-14	0	-85	3	-23	0	4	-98	-2
8.000	1	0	0	1	2	-11	0	19	3	25	-4	4	1	0
8.375	1	0	0	0	2	-7	0	17	2	17	-7	4	0	0
9.000	1	0	0	0	2	0	0	0	3	17	0	4	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	1	0	0	2	-2	0	0	3	0	0	4	-23	-1
0.625	1	1	0	0	2	-10	0	-23	3	0	0	4	-23	-8
1.000	1	0	0	0	2	-16	0	-24	3	0	0	4	-24	-1
1.000	1	0	0	57	2	-16	0	61	3	79	-1	4	19	0
1.000	1	1	0	49	2	-16	0	58	3	78	1	4	19	0
1.049	1	206	0	74	2	45	0	15	1	74	206	4	15	45
1.050	1	208	0	48	2	47	0	15	3	72	205	4	15	47

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
1.100	1	366	0	63	2	83	0	11	3	63	366	4	10	200
1.109	1	398	0	40	2	89	0	11	3	62	398	4	7	236
1.150	1	498	0	34	2	110	0	8	3	54	485	4	1	350
1.169	1	543	0	30	2	117	0	6	3	52	542	4	-3	401
1.173	1	549	0	29	2	118	0	6	3	51	542	4	-3	401
1.188	1	578	0	26	2	123	0	5	3	49	577	4	-6	432
1.200	1	596	0	26	2	126	0	4	3	44	562	4	-6	430
1.250	1	666	0	18	2	132	0	0	3	36	625	4	-12	490
1.300	1	711	0	10	2	128	0	-3	3	29	663	4	-20	535
1.346	1	736	0	12	2	115	0	-6	3	32	665	4	-21	570
1.350	1	735	0	-10	2	113	0	-7	3	29	612	4	-19	566
1.353	1	734	0	1	2	112	0	-7	3	29	586	4	-20	594
1.400	1	745	0	-6	2	90	0	-10	3	23	567	4	-26	609
1.450	1	735	0	-13	2	56	0	-14	3	16	555	4	-33	608
1.500	1	701	0	-21	2	12	0	-17	3	11	542	4	-40	585
1.525	1	676	0	-25	2	-13	0	-19	3	9	556	4	-45	580
1.550	1	643	0	-28	2	-42	0	-21	3	3	469	4	-47	558
1.600	1	563	0	-35	2	-106	0	-25	3	-2	417	4	-55	480
1.650	1	463	0	-42	2	-181	0	-28	3	-9	308	4	-62	380
1.692	1	363	0	-45	2	-322	0	-37	3	-13	261	4	-71	284
1.700	1	345	0	-41	2	-338	0	-37	3	-13	256	4	-70	255
1.703	1	340	0	-49	2	-345	0	-39	3	-6	230	4	-70	328
1.750	1	213	0	-55	2	-454	0	-43	3	-17	75	4	-76	184
1.800	1	59	0	-62	2	-582	0	-48	3	-22	-23	4	-84	14
1.850	1	-115	0	-68	2	-721	0	-52	3	-31	-248	4	-92	-179
1.852	1	-122	0	-68	2	-726	0	-52	3	-31	-250	4	-93	-187
1.893	1	-248	0	-73	2	-854	0	-56	3	-37	-373	4	-101	-359
1.900	1	-276	0	-58	2	-877	0	-57	3	-37	-387	4	-101	-395
1.950	1	-395	0	-42	2	-1082	0	-96	3	-41	-465	4	-110	-638
2.000	1	-517	0	-46	2	-1358	0	-103	3	-44	-585	4	-114	-952
2.000	4	-514	0	43	2	-1347	0	99	3	113	-912	4	43	-514
2.021	4	-442	0	41	2	-1183	0	96	3	110	-723	4	41	-442
2.042	1	-375	0	39	2	-1023	0	92	3	108	-615	4	39	-375
2.050	1	-351	0	38	2	-967	0	88	3	106	-577	4	38	-351
2.075	1	-256	0	58	2	-793	0	84	3	100	-415	4	36	-277
2.100	1	-147	0	54	2	-627	0	80	3	95	-260	4	33	-183
2.150	1	75	0	58	2	-351	0	48	3	85	8	4	25	-3
2.167	1	150	0	55	2	-289	0	41	3	82	108	4	19	115
2.200	1	278	0	57	2	-187	0	33	3	75	245	4	17	160
2.202	1	286	0	56	2	-182	0	33	3	75	256	4	17	163
2.250	1	468	0	46	2	-65	0	28	3	64	440	4	9	283
2.292	1	600	0	43	2	21	0	24	3	64	552	4	4	465
2.300	1	622	0	41	2	35	0	23	3	63	562	4	5	468
2.350	1	755	0	32	2	118	0	18	3	52	694	4	1	510
2.400	1	848	0	22	2	180	0	13	3	42	781	4	-8	592
2.417	1	874	0	20	2	196	0	11	3	39	822	4	-17	705
2.450	1	901	0	3	2	220	0	1	3	32	839	4	-21	715
2.484	1	906	0	-2	2	215	0	-6	3	23	781	4	-26	727
2.500	1	911	0	3	2	207	0	-7	3	23	749	4	-25	696
2.542	1	891	0	-14	2	175	0	-12	3	23	734	4	-34	831
2.550	1	882	0	-4	2	167	0	-12	3	22	713	4	-33	824
2.600	1	823	0	-14	2	108	0	-18	3	13	666	4	-40	709
2.650	1	726	0	-28	2	27	0	-23	3	4	579	4	-49	633
2.667	1	688	0	-37	2	-6	0	-24	3	1	562	4	-57	643
2.700	1	591	0	-38	2	-75	0	-28	3	-4	467	4	-59	511
2.750	1	418	0	-40	2	-197	0	-33	3	-13	324	4	-69	335
2.768	1	351	0	-50	2	-313	0	-41	3	-19	230	4	-75	278
2.792	1	260	0	-57	2	-395	0	-46	3	-14	169	4	-81	223
2.800	1	226	0	-48	2	-424	0	-47	3	-15	127	4	-81	188
2.850	1	1	0	-67	2	-623	0	-53	3	-25	-53	4	-92	-64

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
2.887	1	-189	0	-56	2	-788	0	-57	3	-35	-238	4	-100	-301		
2.896	1	-229	0	-55	2	-827	0	-58	3	-36	-262	4	-101	-370		
2.900	1	-244	0	-55	2	-848	0	-60	3	-35	-272	4	-101	-397		
2.950	1	-466	0	-47	2	-1181	0	-100	3	-45	-568	4	-111	-769		
3.000	1	-663	0	-52	2	-1602	0	-108	3	-50	-759	4	-123	-1175		
3.000	4	-659	0	46	2	-1591	0	105	3	117	-1071	4	46	-659		
3.021	1	-583	0	44	2	-1416	0	103	3	114	-876	4	44	-583		
3.042	1	-510	0	42	2	-1246	0	98	3	111	-758	4	42	-510		
3.050	1	-484	0	41	2	-1186	0	97	3	109	-718	4	41	-484		
3.100	1	-261	0	58	2	-856	0	56	3	98	-392	4	35	-300		
3.112	1	-204	0	55	2	-801	0	54	3	94	-326	4	32	-231		
3.150	1	-32	0	61	2	-645	0	50	3	88	-115	4	27	-114		
3.167	1	46	0	58	2	-574	0	47	3	85	-12	4	22	7		
3.200	1	181	0	55	2	-455	0	43	3	78	133	4	20	59		
3.248	1	356	0	49	2	-238	0	32	3	67	327	4	10	190		
3.250	1	365	0	49	2	-233	0	32	3	67	336	4	12	193		
3.292	1	506	0	45	2	-131	0	28	3	66	457	4	6	382		
3.300	1	529	0	44	2	-115	0	27	3	65	455	4	8	387		
3.350	1	672	0	34	2	-16	0	22	3	55	609	4	3	437		
3.400	1	774	0	25	2	61	0	17	3	45	707	4	-6	528		
3.417	1	803	0	22	2	84	0	15	3	42	750	4	-14	643		
3.450	1	836	0	16	2	118	0	12	3	35	773	4	-15	603		
3.500	1	856	0	5	2	153	0	-1	3	25	738	4	-24	622		
3.506	1	858	0	5	2	152	0	-2	3	24	711	4	-25	650		
3.542	1	844	0	-11	2	133	0	-9	3	25	693	4	-31	785		
3.550	1	836	0	-2	2	127	0	-10	3	25	673	4	-31	784		
3.600	1	788	0	-11	2	76	0	-15	3	15	636	4	-37	677		
3.650	1	701	0	-26	2	5	0	-20	3	7	557	4	-46	609		
3.667	1	666	0	-34	2	-25	0	-22	3	4	543	4	-54	621		
3.700	1	576	0	-35	2	-88	0	-26	3	-2	454	4	-57	496		
3.750	1	413	0	-38	2	-201	0	-31	3	-11	319	4	-67	329		
3.768	1	351	0	-48	2	-312	0	-38	3	-16	230	4	-73	280		
3.792	1	263	0	-55	2	-390	0	-43	3	-12	172	4	-78	227		
3.800	1	231	0	-46	2	-418	0	-44	3	-13	132	4	-78	193		
3.850	1	14	0	-65	2	-606	0	-50	3	-23	-53	4	-89	-49		
3.887	1	-169	0	-54	2	-763	0	-55	3	-32	-211	4	-97	-278		
3.896	1	-206	0	-53	2	-801	0	-56	3	-33	-233	4	-98	-345		
3.900	1	-221	0	-53	2	-821	0	-57	3	-32	-243	4	-98	-371		
3.950	1	-433	0	-42	2	-1145	0	-98	3	-41	-450	4	-109	-733		
4.000	1	-613	0	-48	2	-1555	0	-106	3	-47	-625	4	-121	-1129		
4.000	1	-611	0	46	2	-1545	0	104	3	116	-1024	4	46	-618		
4.021	1	-535	0	44	2	-1370	0	102	3	113	-830	4	43	-543		
4.042	1	-458	0	45	2	-1202	0	97	3	110	-713	4	41	-471		
4.050	1	-431	0	44	2	-1143	0	96	3	108	-673	4	40	-446		
4.100	1	-215	0	57	2	-819	0	55	3	97	-350	4	34	-264		
4.112	1	-161	0	51	2	-764	0	54	3	93	-285	4	31	-196		
4.150	1	2	0	60	2	-610	0	49	3	87	-77	4	27	-80		
4.167	1	78	0	57	2	-540	0	47	3	84	26	4	21	40		
4.200	1	211	0	54	2	-423	0	43	3	77	167	4	16	138		
4.234	1	336	0	49	2	-246	0	33	3	67	287	4	11	207		
4.250	1	398	0	48	2	-206	0	31	3	66	369	4	11	221		
4.292	1	536	0	44	2	-107	0	28	3	66	487	4	6	408		
4.300	1	559	0	43	2	-91	0	27	3	64	485	4	7	412		
4.350	1	698	0	34	2	5	0	22	3	54	636	4	2	460		
4.400	1	797	0	24	2	80	0	16	3	44	730	4	-6	548		
4.417	1	825	0	21	2	102	0	14	3	41	773	4	-15	662		
4.450	1	856	0	15	2	135	0	11	3	34	794	4	-16	621		
4.499	1	872	0	4	2	168	0	-2	3	23	775	4	-26	661		
4.500	1	874	0	5	2	167	0	-2	3	24	715	4	-24	664		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
4.542	1	859	0	-12	2	146	0	-10	3	24	706	4	-32	800		
4.550	1	851	0	-2	2	139	0	-11	3	24	685	4	-32	799		
4.600	1	799	0	-12	2	86	0	-16	3	15	645	4	-38	686		
4.650	1	709	0	-27	2	11	0	-21	3	6	563	4	-47	616		
4.667	1	673	0	-35	2	-19	0	-23	3	3	549	4	-55	628		
4.700	1	580	0	-36	2	-84	0	-26	3	-3	458	4	-57	501		
4.750	1	415	0	-39	2	-199	0	-31	3	-12	321	4	-68	331		
4.768	1	351	0	-48	2	-313	0	-39	3	-17	230	4	-73	279		
4.792	1	263	0	-56	2	-391	0	-44	3	-13	172	4	-79	226		
4.800	1	230	0	-47	2	-419	0	-45	3	-14	131	4	-79	192		
4.850	1	10	0	-65	2	-611	0	-51	3	-24	-57	4	-90	-53		
4.887	1	-175	0	-54	2	-770	0	-55	3	-32	-217	4	-98	-284		
4.896	1	-213	0	-54	2	-808	0	-57	3	-33	-239	4	-99	-352		
4.900	1	-228	0	-53	2	-829	0	-58	3	-33	-249	4	-99	-379		
4.950	1	-442	0	-43	2	-1155	0	-99	3	-42	-459	4	-109	-744		
5.000	1	-625	0	-48	2	-1569	0	-107	3	-47	-636	4	-122	-1142		
5.000	1	-623	0	46	2	-1558	0	105	3	116	-1037	4	46	-630		
5.021	1	-546	0	44	2	-1384	0	102	3	113	-843	4	44	-555		
5.042	1	-469	0	45	2	-1215	0	97	3	110	-726	4	41	-483		
5.050	1	-441	0	44	2	-1156	0	97	3	108	-686	4	41	-458		
5.100	1	-226	0	57	2	-831	0	55	3	97	-362	4	35	-275		
5.112	1	-171	0	51	2	-776	0	54	3	94	-297	4	31	-206		
5.150	1	-8	0	60	2	-622	0	49	3	87	-88	4	27	-90		
5.167	1	68	0	57	2	-551	0	47	3	84	15	4	21	30		
5.200	1	202	0	44	2	-434	0	43	3	77	157	4	16	138		
5.238	1	342	0	49	2	-244	0	33	3	67	299	4	11	202		
5.250	1	388	0	48	2	-215	0	32	3	66	359	4	11	212		
5.292	1	527	0	44	2	-115	0	28	3	66	478	4	6	400		
5.300	1	550	0	43	2	-99	0	27	3	64	476	4	7	404		
5.350	1	690	0	34	2	-2	0	22	3	54	627	4	2	452		
5.400	1	790	0	24	2	74	0	16	3	44	723	4	-6	541		
5.417	1	818	0	21	2	95	0	15	3	41	765	4	-15	655		
5.450	1	849	0	15	2	129	0	11	3	34	787	4	-16	615		
5.500	1	867	0	5	2	162	0	-2	3	24	710	4	-24	661		
5.501	1	868	0	5	2	162	0	-2	3	24	711	4	-24	659		
5.542	1	853	0	-12	2	141	0	-10	3	25	701	4	-32	794		
5.550	1	845	0	-2	2	135	0	-11	3	24	680	4	-32	793		
5.600	1	794	0	-12	2	82	0	-16	3	15	641	4	-38	682		
5.650	1	705	0	-27	2	8	0	-21	3	6	560	4	-47	612		
5.667	1	669	0	-35	2	-22	0	-23	3	3	546	4	-55	624		
5.700	1	577	0	-36	2	-86	0	-26	3	-3	456	4	-57	498		
5.750	1	413	0	-39	2	-201	0	-31	3	-11	319	4	-67	327		
5.767	1	352	0	-48	2	-311	0	-39	3	-17	229	4	-73	282		
5.792	1	261	0	-55	2	-392	0	-44	3	-12	170	4	-79	224		
5.800	1	228	0	-46	2	-420	0	-45	3	-14	129	4	-79	190		
5.850	1	9	0	-65	2	-610	0	-51	3	-23	-58	4	-90	-55		
5.888	1	-177	0	-59	2	-769	0	-55	3	-32	-217	4	-98	-285		
5.896	1	-217	0	-54	2	-809	0	-57	3	-33	-240	4	-99	-353		
5.900	1	-232	0	-53	2	-828	0	-57	3	-33	-249	4	-99	-379		
5.950	1	-450	0	-43	2	-1155	0	-98	3	-42	-458	4	-109	-744		
6.000	1	-633	0	-48	2	-1568	0	-106	3	-47	-635	4	-121	-1141		
6.000	1	-630	0	50	2	-1557	0	105	3	116	-1036	4	47	-641		
6.021	1	-547	0	48	2	-1382	0	102	3	113	-842	4	44	-564		
6.042	1	-467	0	45	2	-1213	0	97	3	110	-724	4	42	-492		
6.050	1	-440	0	44	2	-1154	0	97	3	108	-683	4	41	-466		
6.100	1	-224	0	57	2	-829	0	56	3	97	-359	4	35	-275		
6.112	1	-169	0	51	2	-774	0	54	3	94	-294	4	32	-198		
6.150	1	-6	0	60	2	-619	0	49	3	87	-85	4	27	-75		
6.167	1	71	0	57	2	-549	0	47	3	84	18	4	21	33		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
6.200	1	204	0	44	2	-431	0	43	3	77	160	4	4	16	137	
6.237	1	340	0	49	2	-245	0	33	3	67	295	4	4	11	204	
6.250	1	392	0	48	2	-212	0	32	3	67	363	4	4	11	215	
6.292	1	531	0	45	2	-112	0	28	3	66	482	4	4	6	403	
6.300	1	554	0	43	2	-95	0	27	3	65	480	4	4	7	408	
6.350	1	694	0	34	2	2	0	22	3	54	632	4	4	2	457	
6.400	1	795	0	25	2	78	0	17	3	44	727	4	4	-6	546	
6.417	1	823	0	21	2	100	0	15	3	41	770	4	4	-15	660	
6.450	1	854	0	15	2	134	0	11	3	34	792	4	4	-16	620	
6.500	1	873	0	5	2	169	0	6	3	24	756	4	4	-24	629	
6.502	1	874	0	5	2	169	0	6	3	24	718	4	4	-24	666	
6.542	1	859	0	-12	2	164	0	-9	3	25	706	4	4	-32	800	
6.550	1	851	0	-2	2	158	0	-10	3	24	686	4	4	-31	799	
6.600	1	800	0	-12	2	109	0	-15	3	15	634	4	4	-38	689	
6.650	1	711	0	-26	2	38	0	-20	3	6	566	4	4	-47	619	
6.667	1	675	0	-35	2	9	0	-22	3	3	552	4	4	-55	639	
6.700	1	584	0	-36	2	-53	0	-25	3	-2	462	4	4	-57	505	
6.750	1	419	0	-38	2	-165	0	-31	3	-11	325	4	4	-68	341	
6.771	1	343	0	-49	2	-227	0	-37	3	-17	231	4	4	-73	268	
6.792	1	267	0	-55	2	-293	0	-41	3	-12	177	4	4	-79	232	
6.800	1	233	0	-46	2	-319	0	-42	3	-13	136	4	4	-79	198	
6.850	1	10	0	-55	2	-501	0	-49	3	-23	-51	4	4	-86	-101	
6.896	1	-212	0	-58	2	-730	0	-76	3	-33	-232	4	4	-99	-344	
6.900	1	-227	0	-51	2	-755	0	-85	3	-33	-242	4	4	-99	-370	
6.950	1	-448	0	-41	2	-1123	0	-96	1	-41	-448	4	4	-109	-735	
7.000	1	-624	0	-47	2	-1527	0	-105	1	-47	-624	4	4	-121	-1131	
7.000	1	-619	0	51	2	-1515	0	106	3	117	-1015	4	4	51	-637	
7.026	1	-534	0	49	2	-1340	0	103	3	114	-820	4	4	49	-553	
7.050	1	-462	0	47	2	-1188	0	100	3	112	-652	4	4	45	-510	
7.053	1	-453	0	46	2	-1170	0	100	3	112	-694	4	4	45	-552	
7.100	1	-292	0	58	2	-906	0	59	3	103	-440	4	4	39	-329	
7.125	1	-200	0	55	2	-813	0	57	3	97	-332	4	4	36	-256	
7.150	1	-108	0	41	2	-725	0	54	3	94	-194	4	4	31	-138	
7.200	1	76	0	41	2	-556	0	49	3	86	24	4	4	24	29	
7.209	1	112	0	61	2	-528	0	48	3	85	74	4	4	22	62	
7.250	1	254	0	34	2	-408	0	44	3	75	178	4	4	17	179	
7.279	1	346	0	50	2	-260	0	40	3	72	314	4	4	14	207	
7.300	1	414	0	31	2	-213	0	34	3	66	347	4	4	9	311	
7.350	1	557	0	23	2	-112	0	29	3	61	525	4	4	1	419	
7.365	1	599	0	46	2	-84	0	28	3	67	532	4	4	8	452	
7.400	1	684	0	18	2	-25	0	25	3	57	587	4	4	4	525	
7.450	1	790	0	22	2	50	0	21	3	48	683	4	4	-3	620	
7.500	1	870	0	14	2	111	0	17	3	42	743	4	4	-11	693	
7.522	1	896	0	10	2	134	0	15	3	40	800	4	4	-15	721	
7.550	1	920	0	5	2	159	0	13	3	32	744	4	4	-18	740	
7.600	1	939	0	-3	2	194	0	9	3	23	730	4	4	-26	760	
7.636	1	929	0	-5	2	211	0	6	3	20	732	4	4	-29	744	
7.650	1	926	0	-11	2	216	0	5	3	17	686	4	4	-33	799	
7.678	1	907	0	-5	2	222	0	2	3	27	721	4	4	-28	879	
7.700	1	894	0	-15	2	224	0	1	3	17	629	4	4	-33	882	
7.750	1	840	0	-25	2	219	0	-3	3	13	634	4	4	-41	834	
7.800	1	756	0	-50	2	202	0	-7	3	5	542	4	4	-51	754	
7.839	1	664	0	-37	2	179	0	-11	3	-2	473	4	4	-56	638	
7.850	1	637	0	-60	2	171	0	-12	3	-8	318	4	4	-60	636	
7.900	4	477	0	-70	2	128	0	-16	3	-15	206	4	4	-70	477	
7.942	1	306	0	-80	2	81	0	-19	3	-19	160	4	4	-80	306	
7.950	1	268	0	-82	2	71	0	-20	2	-20	71	4	4	-82	268	
7.958	1	229	0	-83	2	61	0	-20	2	-20	61	1	1	-83	229	
8.000	1	1	0	-34	2	-14	0	-71	3	-24	0	4	4	-87	-2	

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MainedOT_Config-7

SPAN.LOC		MAX MOMENT				MIN MOMENT				MAX SHEAR				MIN SHEAR			
FRAC	COMB	M	COR ML	COR V	COMB	M	COR ML	COR V	COMB	V	COR M	COMB	V	COR M			
	NO	(ft-k)	(ft-k)	(kips)	NO	(ft-k)	(ft-k)	(kips)	NO	(kips)	(ft-k)	NO	(kips)	(ft-k)			
8.000	1	0	0	1	2	-12	0	20	3	26	-5	4	1	0			
8.375	1	0	0	0	2	-8	0	18	2	18	-8	4	0	0			
9.000	1	0	0	0	2	0	0	0	3	18	0	4	0	0			

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MainedOT_Config-8

SPAN.LOC	MAX MOMENT				MIN MOMENT				MAX SHEAR				MIN SHEAR			
FRAC	COMB	M	COR ML	COR V	COMB	M	COR ML	COR V	COMB	V	COR M	COMB	V	COR M		
	NO	(ft-k)	(ft-k)	(kips)	NO	(ft-k)	(ft-k)	(kips)	NO	(kips)	(ft-k)	NO	(kips)	(ft-k)		
0.000	1	0	0	0	2	-1	0	0	3	0	0	4	-24	0		
0.625	1	0	0	0	2	-11	0	-25	3	0	0	4	-25	-9		
1.000	1	0	0	0	2	-17	0	-25	3	0	0	4	-25	-1		
1.000	1	0	0	40	2	-17	0	41	3	61	0	4	21	0		
1.000	1	1	0	52	2	-16	0	38	3	61	0	4	21	0		
1.049	1	161	0	57	2	49	0	21	1	57	161	4	16	112		
1.050	1	162	0	29	2	51	0	21	3	56	161	4	16	113		
1.100	1	288	0	48	2	96	0	13	3	48	287	4	11	194		
1.109	1	312	0	47	2	103	0	13	3	48	311	4	9	244		
1.150	1	388	0	19	2	129	0	10	3	41	383	4	5	298		
1.169	1	426	0	39	2	139	0	8	3	39	426	4	2	331		
1.173	1	430	0	15	2	140	0	8	3	38	427	4	2	331		
1.188	3	454	0	36	2	147	0	7	3	36	454	4	0	355		
1.200	1	464	0	12	2	151	0	6	3	33	445	4	0	356		
1.250	1	520	0	6	2	164	0	3	3	27	498	4	-7	409		
1.300	1	556	0	-1	2	166	0	-1	3	20	528	4	-13	445		
1.346	1	573	0	-4	2	159	0	-4	3	22	534	4	-14	468		
1.350	1	572	0	-4	2	158	0	-4	3	20	499	4	-13	465		
1.353	1	572	0	-5	2	157	0	-4	3	20	471	4	-14	494		
1.400	1	574	0	-10	2	141	0	-8	3	14	470	4	-19	500		
1.450	1	558	0	-16	2	115	0	-11	3	9	445	4	-25	493		
1.500	1	524	0	-29	2	78	0	-15	3	4	429	4	-31	466		
1.525	1	509	0	-9	2	56	0	-17	3	2	433	4	-35	456		
1.550	1	475	0	-35	2	30	0	-19	3	-2	370	4	-37	432		
1.600	1	407	0	-41	2	-27	0	-22	3	-7	321	4	-43	364		
1.650	1	320	0	-47	2	-94	0	-26	3	-13	231	4	-50	276		
1.692	1	238	0	-50	2	-217	0	-34	3	-17	182	4	-56	192		
1.700	1	224	0	-27	2	-232	0	-34	3	-17	176	4	-56	169		
1.703	1	220	0	-29	2	-238	0	-36	3	-12	158	4	-56	212		
1.750	1	107	0	-56	2	-338	0	-40	3	-20	26	4	-61	91		
1.800	1	-22	0	-62	2	-456	0	-44	3	-26	-69	4	-68	-53		
1.850	1	-167	0	-67	2	-585	0	-48	3	-32	-205	4	-75	-216		
1.852	1	-174	0	-67	2	-589	0	-49	3	-32	-207	4	-75	-223		
1.893	1	-283	0	-59	2	-713	0	-52	3	-37	-353	4	-81	-368		
1.900	1	-306	0	-60	2	-734	0	-53	3	-37	-368	4	-82	-398		
1.950	1	-433	0	-43	2	-889	0	-57	3	-42	-475	4	-89	-601		
2.000	1	-557	0	-46	2	-1109	0	-84	3	-46	-598	4	-93	-856		
2.000	1	-554	0	46	2	-1101	0	86	3	93	-825	1	46	-554		
2.021	1	-478	0	43	2	-961	0	81	3	91	-669	1	43	-478		
2.042	1	-407	0	41	2	-828	0	77	3	88	-569	1	41	-407		
2.050	4	-382	0	40	2	-781	0	76	3	86	-533	1	40	-382		
2.075	1	-285	0	60	2	-633	0	71	3	81	-396	4	38	-297		
2.100	1	-189	0	62	2	-493	0	67	3	77	-268	4	34	-202		
2.150	1	3	0	63	2	-275	0	42	3	69	-34	4	28	-34		
2.167	1	75	0	32	2	-219	0	40	3	66	48	4	23	58		
2.200	1	177	0	59	2	-122	0	31	3	60	167	4	20	113		
2.202	1	186	0	59	2	-115	0	31	3	60	175	4	20	116		
2.250	1	341	0	51	2	-5	0	26	3	51	328	4	13	231		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)
2.292	1	461	0	23	2	76	0	23	3	50	426	4	4	9	373	
2.300	1	473	0	45	2	89	0	22	3	49	440	4	4	10	379	
2.350	1	584	0	37	2	166	0	17	3	40	549	4	4	5	429	
2.400	1	660	0	22	2	221	0	11	3	31	620	4	4	-3	498	
2.417	1	688	0	3	2	236	0	10	3	29	662	4	4	-9	575	
2.450	1	707	0	-1	2	256	0	2	3	23	656	4	4	-13	586	
2.484	1	708	0	7	2	254	0	-4	3	15	627	4	4	-18	612	
2.500	1	717	0	6	2	249	0	-5	3	15	609	4	4	-18	591	
2.542	1	700	0	1	2	224	0	-9	3	13	594	4	4	-24	623	
2.550	1	692	0	-1	2	218	0	-10	3	13	580	4	4	-24	663	
2.600	1	641	0	-9	2	167	0	-15	3	5	539	4	4	-31	574	
2.650	1	556	0	-17	2	96	0	-20	3	-2	461	4	4	-39	503	
2.667	1	524	0	-19	2	66	0	-22	3	-5	442	4	4	-44	500	
2.700	1	440	0	-25	2	3	0	-26	3	-10	364	4	4	-47	383	
2.750	1	289	0	-32	2	-110	0	-31	3	-17	236	4	4	-56	239	
2.768	1	222	0	-46	2	-211	0	-38	3	-22	161	4	4	-60	187	
2.792	1	150	0	-37	2	-288	0	-43	3	-19	103	4	4	-65	130	
2.800	1	120	0	-38	2	-315	0	-44	3	-21	70	4	4	-66	98	
2.850	1	-77	0	-67	2	-501	0	-50	3	-29	-104	4	4	-75	-118	
2.887	1	-247	0	-60	2	-656	0	-54	3	-37	-265	4	4	-81	-319	
2.896	1	-280	0	-46	2	-693	0	-55	3	-38	-290	4	4	-83	-376	
2.900	1	-292	0	-39	2	-716	0	-56	3	-38	-301	4	4	-83	-399	
2.950	1	-503	0	-47	2	-966	0	-77	3	-45	-559	4	4	-92	-713	
3.000	1	-703	0	-53	2	-1324	0	-93	3	-52	-771	4	4	-102	-1057	
3.000	1	-698	0	49	2	-1315	0	90	3	97	-987	1	4	49	-698	
3.021	1	-618	0	46	2	-1165	0	87	3	94	-826	1	4	46	-618	
3.042	4	-542	0	44	2	-1023	0	78	3	91	-669	1	4	44	-542	
3.050	1	-514	0	67	2	-975	0	78	3	89	-678	4	4	43	-515	
3.100	1	-307	0	60	2	-724	0	53	3	80	-403	4	4	37	-321	
3.112	1	-250	0	44	2	-672	0	51	3	77	-346	4	4	34	-266	
3.150	1	-107	0	65	2	-525	0	47	3	71	-160	4	4	30	-146	
3.167	1	-32	0	35	2	-457	0	45	3	69	-74	4	4	25	-50	
3.200	1	78	0	57	2	-345	0	41	3	63	53	4	4	23	11	
3.248	1	227	0	53	2	-150	0	30	3	54	219	4	4	15	137	
3.250	1	235	0	53	2	-145	0	30	3	54	223	4	4	16	140	
3.292	1	364	0	26	2	-52	0	26	3	52	329	4	4	11	289	
3.300	1	378	0	48	2	-37	0	25	3	51	344	4	4	12	297	
3.350	1	499	0	40	2	53	0	20	3	42	463	4	4	7	355	
3.400	1	586	0	25	2	122	0	15	3	34	544	4	4	0	433	
3.417	1	616	0	6	2	141	0	13	3	31	590	4	4	-7	512	
3.450	1	642	0	17	2	170	0	10	3	25	590	4	4	-8	492	
3.500	1	661	0	8	2	197	0	0	3	17	599	4	4	-16	510	
3.506	1	664	0	8	2	196	0	-1	3	16	568	4	4	-17	541	
3.542	1	654	0	4	2	182	0	-7	3	16	553	4	4	-22	623	
3.550	1	647	0	2	2	177	0	-8	3	15	540	4	4	-22	621	
3.600	1	606	0	-6	2	136	0	-13	3	7	508	4	4	-28	542	
3.650	1	530	0	-15	2	73	0	-18	3	0	439	4	4	-36	478	
3.667	1	502	0	-16	2	47	0	-20	3	-3	423	4	4	-42	478	
3.700	1	425	0	-22	2	-10	0	-23	3	-8	351	4	4	-45	368	
3.750	1	284	0	-30	2	-114	0	-29	3	-15	232	4	4	-53	234	
3.768	1	223	0	-51	2	-211	0	-35	3	-19	161	4	4	-58	188	
3.792	1	154	0	-35	2	-284	0	-40	3	-17	107	4	4	-63	134	
3.800	1	125	0	-35	2	-309	0	-41	3	-18	75	4	4	-63	103	
3.850	1	-64	0	-65	2	-485	0	-47	3	-27	-101	4	4	-72	-102	
3.887	1	-227	0	-57	2	-632	0	-51	3	-34	-240	4	4	-79	-296	
3.896	1	-257	0	-44	2	-666	0	-53	3	-35	-264	4	4	-80	-351	
3.900	1	-269	0	-37	2	-689	0	-54	3	-35	-274	4	4	-80	-373	
3.950	1	-470	0	-44	2	-929	0	-74	3	-43	-474	4	4	-89	-677	
4.000	1	-656	0	-49	2	-1277	0	-90	3	-48	-664	4	4	-99	-1010	

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
4.000	1	-653	0	48	2	-1268	0	89	3	96	-940	4	48	-657
4.021	1	-574	0	46	2	-1119	0	87	3	93	-780	4	46	-578
4.042	1	-495	0	46	2	-979	0	77	3	90	-624	4	43	-503
4.050	1	-467	0	45	2	-932	0	78	3	88	-633	4	42	-477
4.100	1	-265	0	59	2	-685	0	52	3	79	-361	4	36	-286
4.112	1	-212	0	42	2	-634	0	51	3	76	-305	4	34	-225
4.150	1	-73	0	64	2	-489	0	46	3	71	-121	4	29	-113
4.167	1	1	0	34	2	-423	0	44	3	68	-37	4	24	-18
4.200	1	108	0	56	2	-312	0	40	3	62	87	4	20	78
4.234	1	209	0	47	2	-155	0	31	3	54	194	4	15	148
4.250	1	268	0	53	2	-118	0	29	3	53	255	4	15	168
4.292	1	394	0	25	2	-27	0	25	3	51	359	4	11	315
4.300	1	408	0	47	2	-12	0	24	3	50	373	4	11	322
4.350	1	525	0	39	2	75	0	19	3	42	489	4	6	378
4.400	1	609	0	24	2	141	0	14	3	33	567	4	-1	453
4.417	1	638	0	5	2	160	0	12	3	30	612	4	-7	531
4.450	1	662	0	16	2	187	0	9	3	25	610	4	-9	509
4.499	1	676	0	7	2	211	0	-1	3	15	612	4	-18	555
4.500	1	678	0	8	2	211	0	-1	3	16	575	4	-16	556
4.542	1	668	0	3	2	195	0	-8	3	15	565	4	-23	638
4.550	1	661	0	1	2	190	0	-8	3	14	552	4	-23	635
4.600	1	617	0	-7	2	145	0	-14	3	7	518	4	-29	550
4.650	1	538	0	-16	2	80	0	-19	3	-1	446	4	-37	485
4.667	1	509	0	-17	2	53	0	-21	3	-3	429	4	-43	485
4.700	1	429	0	-23	2	-6	0	-24	3	-8	355	4	-46	373
4.750	1	286	0	-31	2	-112	0	-29	3	-16	233	4	-54	236
4.768	1	222	0	-45	2	-211	0	-36	3	-20	161	4	-59	187
4.792	1	153	0	-35	2	-285	0	-41	3	-18	106	4	-63	133
4.800	1	124	0	-36	2	-310	0	-42	3	-19	74	4	-64	102
4.850	1	-68	0	-66	2	-489	0	-48	3	-28	-105	4	-73	-107
4.887	1	-233	0	-58	2	-639	0	-52	3	-35	-246	4	-80	-302
4.896	1	-264	0	-45	2	-674	0	-53	3	-36	-270	4	-81	-358
4.900	1	-275	0	-38	2	-696	0	-54	3	-35	-281	4	-81	-380
4.950	1	-479	0	-44	2	-939	0	-75	3	-43	-483	4	-90	-688
5.000	1	-668	0	-50	2	-1291	0	-91	3	-49	-675	4	-100	-1024
5.000	1	-665	0	48	2	-1282	0	89	3	96	-953	4	48	-669
5.021	1	-585	0	46	2	-1133	0	87	3	93	-793	4	46	-590
5.042	1	-506	0	46	2	-992	0	77	3	90	-637	4	43	-515
5.050	1	-478	0	45	2	-945	0	78	3	88	-646	4	43	-488
5.100	1	-275	0	60	2	-698	0	52	3	79	-373	4	36	-296
5.112	1	-222	0	43	2	-646	0	51	3	77	-317	4	34	-235
5.150	1	-83	0	65	2	-501	0	46	3	71	-132	4	30	-123
5.167	1	-9	0	34	2	-434	0	44	3	68	-48	4	25	-27
5.200	1	105	0	34	2	-323	0	40	3	62	76	4	20	75
5.238	1	214	0	47	2	-154	0	30	3	54	202	4	15	145
5.250	1	258	0	53	2	-127	0	29	3	53	245	4	15	159
5.292	1	385	0	25	2	-36	0	25	3	51	350	4	11	307
5.300	1	399	0	47	2	-20	0	25	3	50	364	4	11	314
5.350	1	517	0	39	2	67	0	19	3	42	481	4	6	370
5.400	1	601	0	24	2	135	0	14	3	33	559	4	-1	446
5.417	1	630	0	5	2	153	0	12	3	31	605	4	-7	525
5.450	1	655	0	16	2	181	0	9	3	25	603	4	-9	503
5.500	1	672	0	8	2	206	0	-1	3	16	570	4	-16	552
5.501	1	672	0	8	2	206	0	-1	3	16	571	4	-16	551
5.542	1	662	0	3	2	190	0	-7	3	15	560	4	-22	632
5.550	1	655	0	1	2	185	0	-8	3	15	548	4	-23	629
5.600	1	612	0	-7	2	141	0	-13	3	7	514	4	-29	546
5.650	1	534	0	-15	2	77	0	-19	3	-1	443	4	-37	481
5.667	1	505	0	-17	2	50	0	-20	3	-3	426	4	-42	481
5.700	1	426	0	-23	2	-8	0	-24	3	-8	352	4	-45	369

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
5.750	1	283	0	-30	2	-114	0	-29	3	-16	231	4	-54	232		
5.767	1	224	0	-52	2	-210	0	-36	3	-20	161	4	-58	189		
5.792	1	151	0	-35	2	-286	0	-41	3	-18	104	4	-63	131		
5.800	1	122	0	-36	2	-311	0	-41	3	-19	72	4	-64	100		
5.850	1	-69	0	-66	2	-489	0	-47	3	-27	-105	4	-73	-108		
5.888	1	-234	0	-63	2	-638	0	-52	3	-34	-246	4	-79	-303		
5.896	1	-267	0	-45	2	-679	0	-53	3	-35	-270	4	-81	-358		
5.900	1	-278	0	-37	2	-698	0	-54	3	-35	-281	4	-81	-381		
5.950	1	-483	0	-43	2	-938	0	-74	3	-43	-483	4	-90	-687		
6.000	1	-672	0	-50	2	-1290	0	-91	3	-49	-674	4	-100	-1023		
6.000	1	-669	0	51	2	-1280	0	90	3	96	-952	4	49	-676		
6.021	1	-585	0	49	2	-1131	0	87	3	94	-791	4	46	-595		
6.042	1	-504	0	46	2	-991	0	77	3	91	-635	4	44	-520		
6.050	1	-476	0	45	2	-943	0	78	3	89	-644	4	43	-493		
6.100	1	-273	0	60	2	-696	0	53	3	80	-371	4	36	-296		
6.112	1	-220	0	43	2	-644	0	51	3	77	-314	4	34	-233		
6.150	1	-81	0	65	2	-498	0	46	3	71	-129	4	30	-120		
6.167	1	-6	0	34	2	-431	0	45	3	68	-45	4	25	-25		
6.200	1	107	0	34	2	-320	0	41	3	62	80	4	20	75		
6.237	1	212	0	47	2	-155	0	31	3	54	199	4	15	146		
6.250	1	262	0	53	2	-123	0	29	3	53	249	4	15	162		
6.292	1	389	0	25	2	-32	0	26	3	52	354	4	11	311		
6.300	1	403	0	47	2	-17	0	25	3	51	368	4	11	318		
6.350	1	522	0	39	2	72	0	20	3	42	486	4	6	375		
6.400	1	606	0	24	2	139	0	14	3	33	565	4	-1	451		
6.417	1	636	0	5	2	158	0	13	3	31	610	4	-7	530		
6.450	1	660	0	16	2	186	0	9	3	25	609	4	-9	508		
6.500	1	678	0	8	2	212	0	4	3	17	616	4	-16	519		
6.502	1	679	0	8	2	213	0	4	3	16	578	4	-16	557		
6.542	1	669	0	3	2	206	0	-7	3	15	566	4	-22	639		
6.550	1	661	0	1	2	202	0	-8	3	15	553	4	-22	636		
6.600	1	619	0	-7	2	160	0	-13	3	7	519	4	-28	554		
6.650	1	541	0	-15	2	98	0	-18	3	-1	449	4	-37	488		
6.667	1	512	0	-17	2	72	0	-20	3	-3	432	4	-42	489		
6.700	1	433	0	-23	2	15	0	-23	3	-8	359	4	-45	377		
6.750	1	291	0	-30	2	-89	0	-29	3	-15	238	4	-54	244		
6.771	1	217	0	-45	2	-157	0	-35	3	-20	161	4	-59	180		
6.792	1	158	0	-35	2	-220	0	-39	3	-18	111	4	-63	139		
6.800	1	129	0	-37	2	-244	0	-40	3	-19	79	4	-63	108		
6.850	1	-61	0	-44	2	-417	0	-46	3	-27	-98	4	-70	-144		
6.896	1	-260	0	-37	2	-600	0	-60	3	-35	-263	4	-80	-356		
6.900	1	-271	0	-38	2	-618	0	-60	3	-35	-273	4	-81	-371		
6.950	1	-474	0	-43	2	-912	0	-80	3	-43	-474	4	-89	-678		
7.000	1	-663	0	-49	2	-1261	0	-89	1	-49	-663	4	-99	-1011		
7.000	1	-658	0	52	2	-1253	0	90	3	97	-935	4	52	-669		
7.026	1	-572	0	49	2	-1104	0	84	3	94	-773	4	49	-584		
7.050	1	-499	0	47	2	-981	0	80	3	92	-634	4	45	-518		
7.053	1	-490	0	47	2	-966	0	78	3	92	-617	4	45	-512		
7.100	1	-329	0	41	2	-766	0	56	3	85	-439	4	40	-343		
7.125	1	-254	0	46	2	-678	0	54	3	80	-343	4	37	-274		
7.150	1	-162	0	43	2	-595	0	51	3	77	-232	4	34	-181		
7.200	1	-1	0	37	2	-435	0	46	3	70	-41	4	28	-27		
7.209	1	30	0	40	2	-408	0	46	3	69	0	4	26	4		
7.250	1	151	0	35	2	-294	0	42	3	61	101	4	21	112		
7.279	1	216	0	54	2	-164	0	37	3	58	211	4	19	149		
7.300	1	288	0	33	2	-121	0	31	3	54	247	4	15	230		
7.350	1	413	0	26	2	-28	0	27	3	49	394	4	8	327		
7.365	1	448	0	27	2	-2	0	26	3	53	410	4	12	356		
7.400	1	521	0	23	2	53	0	23	3	45	462	4	9	419		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)
 MULTI LANE WITH IMPACT
 LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.450	1	611	0	15	2	121	0	19	3	38	548	4	3	501
7.500	1	676	0	8	2	175	0	15	3	33	607	4	-4	562
7.522	1	699	0	22	2	195	0	13	3	30	650	4	-7	585
7.550	1	720	0	-5	2	217	0	11	3	24	621	4	-10	602
7.600	1	741	0	-12	2	245	0	7	3	17	619	4	-16	620
7.636	1	735	0	5	2	257	0	4	3	13	606	4	-19	627
7.650	1	736	0	-19	2	260	0	3	3	12	577	4	-23	662
7.678	1	724	0	4	2	262	0	1	3	17	597	4	-20	706
7.700	1	714	0	-23	2	261	0	-1	3	10	536	4	-23	708
7.750	1	672	0	-30	2	251	0	-5	3	7	536	4	-31	669
7.800	1	603	0	-38	2	227	0	-9	3	-1	459	4	-38	602
7.839	1	524	0	-22	2	200	0	-13	3	-7	395	4	-43	512
7.850	1	506	0	-46	2	190	0	-14	3	-10	301	1	-46	506
7.900	4	377	0	-55	2	140	0	-18	3	-16	214	4	-55	377
7.942	4	241	0	-62	2	89	0	-21	3	-19	167	4	-62	241
7.950	1	211	0	-64	2	77	0	-22	3	-21	142	1	-64	211
7.958	1	180	0	-64	2	66	0	-26	3	-22	119	4	-64	180
8.000	1	1	0	-33	2	-14	0	-50	3	-26	0	4	-69	-2
8.000	1	0	0	1	2	-13	0	21	3	25	-3	4	1	0
8.375	1	0	0	0	2	-8	0	19	2	19	-8	4	0	0
9.000	1	0	0	16	2	0	0	0	3	19	0	4	0	0

----- FINAL RATING RESULTS - SUMMARY OF GIRDER RESULTS -----

RATING CODES
 CODE 0 None
 CODE 4 Moment
 CODE 5 Shear
 CODE 6 Interaction

LL CASE NUMBER: 1 LL CASE NAME: HL-93-ED
 TOTAL AXLE WEIGHT = 36.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 3.112 INVENTORY STRENGTH RATING = Factor 0.76367 Tons 27.492 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1574.072 12.092
 MIN MOMENT CORRESPONDING SHEAR = -3772.679 11.974
 MAX SHEAR CORRESPONDING MOMENT = 40.087 -916.984
 MIN SHEAR CORRESPONDING MOMENT = -6.964 1264.866
 SPAN LOC. = 3.112 OPERATING STRENGTH RATING = Factor 0.99219 Tons 35.719 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 2045.086 15.711
 MIN MOMENT CORRESPONDING SHEAR = -4901.588 15.558
 MAX SHEAR CORRESPONDING MOMENT = 52.082 -1191.375
 MIN SHEAR CORRESPONDING MOMENT = -9.048 1643.355

LL CASE NUMBER: 2 LL CASE NAME: HL-93-ED
 TOTAL AXLE WEIGHT = 36.000 (Tons)

LOADING CONDITION: ONE LANE WITH IMPACT

LL CASE NUMBER: 3 LL CASE NAME: MaineDOT_Config-1
 TOTAL AXLE WEIGHT = 50.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 1.01758 Tons 50.879 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1411.888 2.213
 MIN MOMENT CORRESPONDING SHEAR = -5626.227 -22.658
 MAX SHEAR CORRESPONDING MOMENT = 3.406 822.978
 MIN SHEAR CORRESPONDING MOMENT = -56.523 -4897.052

LL CASE NUMBER: 4 LL CASE NAME: MaineDOT_Config-2
TOTAL AXLE WEIGHT = 47.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 3.112 LEGAL TK STRENGTH RATING = Factor 1.09180 Tons 51.314 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 1462.274 6.448
MIN MOMENT CORRESPONDING SHEAR = -4276.356 7.903
MAX SHEAR CORRESPONDING MOMENT = 47.003 58.254
MIN SHEAR CORRESPONDING MOMENT = -6.259 767.668

LL CASE NUMBER: 5 LL CASE NAME: MaineDOT_Config-3
TOTAL AXLE WEIGHT = 44.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 1.03711 Tons 45.633 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 1413.476 2.212
MIN MOMENT CORRESPONDING SHEAR = -5597.793 -23.429
MAX SHEAR CORRESPONDING MOMENT = 3.728 898.915
MIN SHEAR CORRESPONDING MOMENT = -56.900 -4519.035

LL CASE NUMBER: 6 LL CASE NAME: MaineDOT_Config-4
TOTAL AXLE WEIGHT = 44.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 1.04688 Tons 46.062 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 1410.580 2.216
MIN MOMENT CORRESPONDING SHEAR = -5550.249 -21.825
MAX SHEAR CORRESPONDING MOMENT = 3.712 895.218
MIN SHEAR CORRESPONDING MOMENT = -58.322 -4484.279

LL CASE NUMBER: 7 LL CASE NAME: MaineDOT_Config-5
TOTAL AXLE WEIGHT = 44.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 1.05469 Tons 46.406 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 1414.905 2.214
MIN MOMENT CORRESPONDING SHEAR = -5604.910 -23.562
MAX SHEAR CORRESPONDING MOMENT = 3.681 887.491
MIN SHEAR CORRESPONDING MOMENT = -57.438 -4423.653

LL CASE NUMBER: 8 LL CASE NAME: MaineDOT_Config-6
TOTAL AXLE WEIGHT = 37.950 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 2.000 LEGAL TK STRENGTH RATING = Factor 1.11328 Tons 42.249 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 1430.912 2.368
MIN MOMENT CORRESPONDING SHEAR = -5091.427 -9.025
MAX SHEAR CORRESPONDING MOMENT = 3.485 466.643
MIN SHEAR CORRESPONDING MOMENT = -63.033 -3253.939

LL CASE NUMBER: 9 LL CASE NAME: MaineDOT_Config-7
TOTAL AXLE WEIGHT = 29.700 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 2.000 LEGAL TK STRENGTH RATING = Factor 1.43359 Tons 42.578 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 1445.683 2.394
MIN MOMENT CORRESPONDING SHEAR = -5144.771 -9.208
MAX SHEAR CORRESPONDING MOMENT = 3.561 554.465
MIN SHEAR CORRESPONDING MOMENT = -66.071 -3132.249

LL CASE NUMBER: 10 LL CASE NAME: MaineDOT_Config-8
TOTAL AXLE WEIGHT = 18.700 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
SPAN LOC. = 7.125 LEGAL TK STRENGTH RATING = Factor 2.26367 Tons 42.331 CODE 4
MAX MOMENT CORRESPONDING SHEAR = 1947.936 7.989
MIN MOMENT CORRESPONDING SHEAR = -4297.759 7.500
MAX SHEAR CORRESPONDING MOMENT = 55.912 1123.056
MIN SHEAR CORRESPONDING MOMENT = -7.758 1541.638

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

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----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

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SPAN.LOC	DISTANCE	DIAPHRAGM	STIFFENER
FRAC	(ft)	(ft)	(in)
0.000	0.000	0.667	8.000
0.625	0.417	0.667	8.000
1.000	0.667	0.667	8.000
1.000	0.667	19.384	232.612
1.000	0.676	19.384	232.612
1.049	3.385	19.384	232.612
1.050	3.467	19.384	232.612
1.100	6.267	19.384	232.612
1.109	6.770	19.384	232.612
1.150	9.067	19.384	232.612
1.169	10.155	19.384	232.612
1.173	10.359	19.384	232.612
1.188	11.179	19.384	232.612
1.200	11.867	19.384	232.612
1.250	14.667	19.384	232.612
1.300	17.467	19.384	232.612
1.346	20.051	20.000	240.000
1.350	20.267	20.000	240.000
1.353	20.436	20.000	240.000
1.400	23.067	20.000	240.000
1.450	25.867	20.000	240.000
1.500	28.667	20.000	240.000
1.525	30.051	20.000	240.000
1.550	31.467	20.000	240.000
1.600	34.267	20.000	240.000
1.650	37.067	20.000	240.000
1.692	39.444	20.000	240.000
1.700	39.867	20.000	240.000
1.703	40.051	16.616	199.388
1.750	42.667	16.616	199.388
1.800	45.467	16.616	199.388
1.850	48.267	16.616	199.388
1.852	48.359	16.616	199.388
1.893	50.667	16.616	199.388
1.900	51.067	16.616	199.388
1.950	53.867	16.616	199.388
2.000	56.667	16.616	199.388
2.000	56.667	3.384	40.612
2.021	58.359	3.384	40.612
2.042	60.051	20.000	240.000
2.050	60.667	20.000	240.000
2.075	62.667	20.000	240.000
2.100	64.667	20.000	240.000
2.150	68.667	20.000	240.000
2.167	70.051	20.000	240.000
2.200	72.667	20.000	240.000
2.202	72.809	20.000	240.000
2.250	76.667	20.000	240.000
2.292	80.051	20.000	240.000
2.300	80.667	20.000	240.000
2.350	84.667	20.000	240.000
2.400	88.667	20.000	240.000
2.417	90.051	20.000	240.000
2.450	92.667	20.000	240.000
2.484	95.396	20.000	240.000
2.500	96.667	20.000	240.000
2.542	100.051	20.000	240.000
2.550	100.667	20.000	240.000
2.600	104.667	20.000	240.000
2.650	108.667	20.000	240.000
2.667	110.051	20.000	240.000
2.700	112.667	20.000	240.000
2.750	116.667	20.000	240.000

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

SPAN.LOC	DISTANCE FRAC (ft)	---- INPUT SPACING ----	
		DIAPHRAGM (ft)	STIFFENER (in)
2.768	118.114	20.000	240.000
2.792	120.051	16.616	199.388
2.800	120.667	16.616	199.388
2.850	124.667	16.616	199.388
2.887	127.667	16.616	199.388
2.896	128.359	16.616	199.388
2.900	128.667	16.616	199.388
2.950	132.667	16.616	199.388
3.000	136.667	16.616	199.388
3.000	136.667	3.384	40.612
3.021	138.359	3.384	40.612
3.042	140.051	20.000	240.000
3.050	140.667	20.000	240.000
3.100	144.667	20.000	240.000
3.112	145.667	20.000	240.000
3.150	148.667	20.000	240.000
3.167	150.051	20.000	240.000
3.200	152.667	20.000	240.000
3.248	156.496	20.000	240.000
3.250	156.667	20.000	240.000
3.292	160.051	20.000	240.000
3.300	160.667	20.000	240.000
3.350	164.667	20.000	240.000
3.400	168.667	20.000	240.000
3.417	170.051	20.000	240.000
3.450	172.667	20.000	240.000
3.500	176.667	20.000	240.000
3.506	177.116	20.000	240.000
3.542	180.051	20.000	240.000
3.550	180.667	20.000	240.000
3.600	184.667	20.000	240.000
3.650	188.667	20.000	240.000
3.667	190.051	20.000	240.000
3.700	192.667	20.000	240.000
3.750	196.667	20.000	240.000
3.768	198.080	20.000	240.000
3.792	200.051	16.616	199.388
3.800	200.667	16.616	199.388
3.850	204.667	16.616	199.388
3.887	207.667	16.616	199.388
3.896	208.359	16.616	199.388
3.900	208.667	16.616	199.388
3.950	212.667	16.616	199.388
4.000	216.667	16.616	199.388
4.000	216.667	3.384	40.612
4.021	218.359	3.384	40.612
4.042	220.051	20.000	240.000
4.050	220.667	20.000	240.000
4.100	224.667	20.000	240.000
4.112	225.667	20.000	240.000
4.150	228.667	20.000	240.000
4.167	230.051	20.000	240.000
4.200	232.667	20.000	240.000
4.234	235.411	20.000	240.000
4.250	236.667	20.000	240.000
4.292	240.051	20.000	240.000
4.300	240.667	20.000	240.000
4.350	244.667	20.000	240.000
4.400	248.667	20.000	240.000
4.417	250.051	20.000	240.000
4.450	252.667	20.000	240.000
4.499	256.613	20.000	240.000
4.500	256.667	20.000	240.000

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

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----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

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SPAN.LOC	DISTANCE	DIAPHRAGM	STIFFENER
FRAC	(ft)	(ft)	(in)
4.542	260.051	20.000	240.000
4.550	260.667	20.000	240.000
4.600	264.667	20.000	240.000
4.650	268.667	20.000	240.000
4.667	270.051	20.000	240.000
4.700	272.667	20.000	240.000
4.750	276.667	20.000	240.000
4.768	278.102	20.000	240.000
4.792	280.051	16.616	199.388
4.800	280.667	16.616	199.388
4.850	284.667	16.616	199.388
4.887	287.667	16.616	199.388
4.896	288.359	16.616	199.388
4.900	288.667	16.616	199.388
4.950	292.667	16.616	199.388
5.000	296.667	16.616	199.388
5.000	296.667	3.384	40.612
5.021	298.359	3.384	40.612
5.042	300.051	20.000	240.000
5.050	300.667	20.000	240.000
5.100	304.667	20.000	240.000
5.112	305.667	20.000	240.000
5.150	308.667	20.000	240.000
5.167	310.051	20.000	240.000
5.200	312.667	20.000	240.000
5.238	315.743	20.000	240.000
5.250	316.667	20.000	240.000
5.292	320.051	20.000	240.000
5.300	320.667	20.000	240.000
5.350	324.667	20.000	240.000
5.400	328.667	20.000	240.000
5.417	330.051	20.000	240.000
5.450	332.667	20.000	240.000
5.500	336.667	20.000	240.000
5.501	336.733	20.000	240.000
5.542	340.051	20.000	240.000
5.550	340.667	20.000	240.000
5.600	344.667	20.000	240.000
5.650	348.667	20.000	240.000
5.667	350.051	20.000	240.000
5.700	352.667	20.000	240.000
5.750	356.667	20.000	240.000
5.767	358.027	20.000	240.000
5.792	360.051	16.616	199.388
5.800	360.667	16.616	199.388
5.850	364.667	16.616	199.388
5.888	367.667	16.616	199.388
5.896	368.359	16.616	199.388
5.900	368.667	16.616	199.388
5.950	372.667	16.616	199.388
6.000	376.667	16.616	199.388
6.000	376.667	3.384	40.612
6.021	378.359	3.384	40.612
6.042	380.051	20.000	240.000
6.050	380.667	20.000	240.000
6.100	384.667	20.000	240.000
6.112	385.667	20.000	240.000
6.150	388.667	20.000	240.000
6.167	390.051	20.000	240.000
6.200	392.667	20.000	240.000
6.237	395.622	20.000	240.000
6.250	396.667	20.000	240.000
6.292	400.051	20.000	240.000

----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----			
---- INPUT SPACING ----			
SPAN.LOC	DISTANCE	DIAPHRAGM	STIFFENER
FRAC	(ft)	(ft)	(in)
6.300	400.667	20.000	240.000
6.350	404.667	20.000	240.000
6.400	408.667	20.000	240.000
6.417	410.051	20.000	240.000
6.450	412.667	20.000	240.000
6.500	416.667	20.000	240.000
6.502	416.822	20.000	240.000
6.542	420.051	20.000	240.000
6.550	420.667	20.000	240.000
6.600	424.667	20.000	240.000
6.650	428.667	20.000	240.000
6.667	430.051	20.000	240.000
6.700	432.667	20.000	240.000
6.750	436.667	20.000	240.000
6.771	438.325	20.000	240.000
6.792	440.051	16.616	199.388
6.800	440.667	16.616	199.388
6.850	444.667	16.616	199.388
6.896	448.359	16.616	199.388
6.900	448.667	16.616	199.388
6.950	452.667	16.616	199.388
7.000	456.667	16.616	199.388
7.000	456.667	3.384	40.612
7.026	458.359	3.384	40.612
7.050	459.867	3.384	40.612
7.053	460.051	20.000	240.000
7.100	463.067	20.000	240.000
7.125	464.667	20.000	240.000
7.150	466.267	20.000	240.000
7.200	469.467	20.000	240.000
7.209	470.051	20.000	240.000
7.250	472.667	20.000	240.000
7.279	474.514	20.000	240.000
7.300	475.867	20.000	240.000
7.350	479.067	20.000	240.000
7.365	480.051	20.000	240.000
7.400	482.267	20.000	240.000
7.450	485.467	20.000	240.000
7.500	488.667	20.000	240.000
7.522	490.051	20.000	240.000
7.550	491.867	20.000	240.000
7.600	495.067	20.000	240.000
7.636	497.391	20.000	240.000
7.650	498.267	20.000	240.000
7.678	500.051	20.616	247.388
7.700	501.467	20.616	247.388
7.750	504.667	20.616	247.388
7.800	507.867	20.616	247.388
7.839	510.359	20.616	247.388
7.850	511.067	20.616	247.388
7.900	514.267	20.616	247.388
7.942	516.924	20.616	247.388
7.950	517.467	20.616	247.388
7.958	517.948	20.616	247.388
8.000	520.667	20.616	247.388
8.000	520.667	0.667	8.000
8.375	520.917	0.667	8.000

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: HL-93-ED V = SHEAR
 COMBINATION TABLE: LRFR2009 1-MaineDOT « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000	9.787	10.000						
0.625	0.417	9.727	V	10.000					
1.000	0.667	9.686	V	10.000					
1.000	0.667	4.791	V	6.209	V				
1.000	0.676	4.838	V	6.271	V				
1.049	3.385	4.938	V	6.400	V				
1.050	3.467	5.053	V	6.551	V				
1.100	6.267	2.959	M	3.836	M				
1.109	6.770	2.703	M	3.504	M				
1.150	9.067	2.104	M	2.727	M				
1.169	10.155	1.887	M	2.445	M				
1.173	10.359	1.869	M	2.424	M				
1.188	11.179	1.752	M	2.270	M				
1.200	11.867	1.705	M	2.211	M				
1.250	14.667	1.477	M	1.914	M				
1.300	17.467	1.342	M	1.740	M				
1.346	20.051	1.260	M	1.633	M				
1.350	20.267	1.266	M	1.641	M				
1.353	20.436	1.266	M	1.641	M				
1.400	23.067	1.227	M	1.592	M				
1.450	25.867	1.234	M	1.600	M				
1.500	28.667	1.279	M	1.660	M				
1.525	30.051	1.293	M	1.676	M				
1.550	31.467	1.363	M	1.768	M				
1.600	34.267	1.510	M	1.957	M				
1.650	37.067	1.742	M	2.260	M				
1.692	39.444	2.029	M	2.631	M				
1.700	39.867	2.066	M	2.680	M				
1.703	40.051	1.980	M	2.566	M				
1.750	42.667	1.693	M	2.195	M				
1.800	45.467	1.406	M	1.824	M				
1.850	48.267	1.131	M	1.467	M				
1.852	48.359	1.123	M	1.455	M				
1.893	50.667	0.902	*M	1.172	M				
1.900	51.067	1.551	M	2.010	M				
1.950	53.867	1.164	M	1.510	M				
2.000	56.667	0.844	*M	1.094	M				
2.000	56.667	1.119	M	1.451	M				
2.021	58.359	1.336	M	1.732	M				
2.042	60.051	1.580	M	2.049	M				
2.050	60.667	1.678	M	2.174	M				
2.075	62.667	1.195	M	1.551	M				
2.100	64.667	1.516	M	1.967	M				
2.150	68.667	2.391	M	3.100	M				
2.167	70.051	2.811	M	3.643	M				
2.200	72.667	2.871	M	3.723	M				
2.202	72.809	2.832	M	3.672	M				
2.250	76.667	2.068	M	2.680	M				
2.292	80.051	1.578	M	2.045	M				
2.300	80.667	1.537	M	1.992	M				
2.350	84.667	1.217	M	1.578	M				
2.400	88.667	1.047	M	1.357	M				
2.417	90.051	0.992	*M	1.285	M				
2.450	92.667	0.951	*M	1.234	M				
2.484	95.396	0.945	*M	1.227	M				
2.500	96.667	0.926	*M	1.201	M				
2.542	100.051	0.947	*M	1.227	M				
2.550	100.667	0.955	*M	1.238	M				
2.600	104.667	1.031	M	1.336	M				

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1 CONTROLLING RATING CODES: M = MOMENT
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 COMBINATION TABLE: LRFR2009 1-MaineDOT « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
2.650	108.667	1.178 M	1.527 M		
2.667	110.051	1.238 M	1.605 M		
2.700	112.667	1.434 M	1.859 M		
2.750	116.667	1.877 M	2.434 M		
2.768	118.114	2.094 M	2.715 M		
2.792	120.051	1.863 M	2.414 M		
2.800	120.667	1.781 M	2.311 M		
2.850	124.667	1.248 M	1.617 M		
2.887	127.667	0.865 *M	1.121 M		
2.896	128.359	1.781 M	2.311 M		
2.900	128.667	1.732 M	2.246 M		
2.950	132.667	1.172 M	1.520 M		
3.000	136.667	0.775 *M	1.006 M		
3.000	136.667	1.037 M	1.344 M		
3.021	138.359	1.207 M	1.566 M		
3.042	140.051	1.002 M	1.299 M		
3.050	140.667	1.064 M	1.381 M		
3.100	144.667	1.578 M	2.047 M		
3.112	145.667	0.764«*M	0.992«*M		
3.150	148.667	1.117 M	1.449 M		
3.167	150.051	1.307 M	1.695 M		
3.200	152.667	1.615 M	2.094 M		
3.248	156.496	2.059 M	2.670 M		
3.250	156.667	2.072 M	2.688 M		
3.292	160.051	1.652 M	2.143 M		
3.300	160.667	1.613 M	2.092 M		
3.350	164.667	1.285 M	1.666 M		
3.400	168.667	1.105 M	1.432 M		
3.417	170.051	1.047 M	1.357 M		
3.450	172.667	1.006 M	1.303 M		
3.500	176.667	0.969 *M	1.258 M		
3.506	177.116	0.963 *M	1.250 M		
3.542	180.051	0.982 *M	1.273 M		
3.550	180.667	0.992 *M	1.285 M		
3.600	184.667	1.059 M	1.373 M		
3.650	188.667	1.201 M	1.557 M		
3.667	190.051	1.258 M	1.631 M		
3.700	192.667	1.449 M	1.879 M		
3.750	196.667	1.887 M	2.445 M		
3.768	198.080	2.090 M	2.711 M		
3.792	200.051	1.869 M	2.424 M		
3.800	200.667	1.791 M	2.322 M		
3.850	204.667	1.266 M	1.641 M		
3.887	207.667	0.889 *M	1.152 M		
3.896	208.359	1.799 M	2.332 M		
3.900	208.667	1.752 M	2.271 M		
3.950	212.667	1.197 M	1.551 M		
4.000	216.667	0.805 *M	1.043 M		
4.000	216.667	1.064 M	1.379 M		
4.021	218.359	1.234 M	1.602 M		
4.042	220.051	1.031 M	1.338 M		
4.050	220.667	1.096 M	1.420 M		
4.100	224.667	1.607 M	2.084 M		
4.112	225.667	0.805 *M	1.043 M		
4.150	228.667	1.158 M	1.502 M		
4.167	230.051	1.348 M	1.748 M		
4.200	232.667	1.648 M	2.137 M		
4.234	235.411	1.965 M	2.547 M		
4.250	236.667	2.027 M	2.627 M		

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SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
4.292	240.051	1.572 M	2.039 M		
4.300	240.667	1.537 M	1.992 M		
4.350	244.667	1.232 M	1.598 M		
4.400	248.667	1.064 M	1.381 M		
4.417	250.051	1.012 M	1.312 M		
4.450	252.667	0.975 *M	1.264 M		
4.499	256.613	0.949 *M	1.230 M		
4.500	256.667	0.943 *M	1.225 M		
4.542	260.051	0.963 *M	1.248 M		
4.550	260.667	0.971 *M	1.260 M		
4.600	264.667	1.043 M	1.354 M		
4.650	268.667	1.189 M	1.541 M		
4.667	270.051	1.248 M	1.617 M		
4.700	272.667	1.443 M	1.871 M		
4.750	276.667	1.891 M	2.451 M		
4.768	278.102	2.102 M	2.725 M		
4.792	280.051	1.875 M	2.432 M		
4.800	280.667	1.795 M	2.326 M		
4.850	284.667	1.260 M	1.633 M		
4.887	287.667	0.879 *M	1.141 M		
4.896	288.359	1.789 M	2.320 M		
4.900	288.667	1.740 M	2.258 M		
4.950	292.667	1.186 M	1.535 M		
5.000	296.667	0.793 *M	1.027 M		
5.000	296.667	1.051 M	1.363 M		
5.021	298.359	1.221 M	1.582 M		
5.042	300.051	1.018 M	1.318 M		
5.050	300.667	1.080 M	1.400 M		
5.100	304.667	1.586 M	2.057 M		
5.112	305.667	0.787 *M	1.020 M		
5.150	308.667	1.135 M	1.471 M		
5.167	310.051	1.320 M	1.711 M		
5.200	312.667	1.613 M	2.090 M		
5.238	315.743	1.961 M	2.541 M		
5.250	316.667	2.035 M	2.639 M		
5.292	320.051	1.584 M	2.053 M		
5.300	320.667	1.547 M	2.006 M		
5.350	324.667	1.242 M	1.611 M		
5.400	328.667	1.074 M	1.395 M		
5.417	330.051	1.021 M	1.324 M		
5.450	332.667	0.984 *M	1.275 M		
5.500	336.667	0.953 *M	1.236 M		
5.501	336.733	0.953 *M	1.236 M		
5.542	340.051	0.973 *M	1.262 M		
5.550	340.667	0.982 *M	1.273 M		
5.600	344.667	1.055 M	1.367 M		
5.650	348.667	1.203 M	1.561 M		
5.667	350.051	1.264 M	1.639 M		
5.700	352.667	1.463 M	1.896 M		
5.750	356.667	1.922 M	2.492 M		
5.767	358.027	2.129 M	2.760 M		
5.792	360.051	1.906 M	2.473 M		
5.800	360.667	1.824 M	2.365 M		
5.850	364.667	1.275 M	1.654 M		
5.888	367.667	0.891 *M	1.154 M		
5.896	368.359	1.814 M	2.352 M		
5.900	368.667	1.762 M	2.285 M		
5.950	372.667	1.197 M	1.553 M		
6.000	376.667	0.801 *M	1.037 M		

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SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
6.000	376.667	1.061 M	1.375 M		
6.021	378.359	1.232 M	1.598 M		
6.042	380.051	1.027 M	1.332 M		
6.050	380.667	1.090 M	1.414 M		
6.100	384.667	1.602 M	2.076 M		
6.112	385.667	0.795 *M	1.031 M		
6.150	388.667	1.145 M	1.484 M		
6.167	390.051	1.330 M	1.725 M		
6.200	392.667	1.621 M	2.102 M		
6.237	395.622	1.951 M	2.529 M		
6.250	396.667	2.025 M	2.627 M		
6.292	400.051	1.582 M	2.051 M		
6.300	400.667	1.545 M	2.004 M		
6.350	404.667	1.244 M	1.613 M		
6.400	408.667	1.080 M	1.398 M		
6.417	410.051	1.025 M	1.330 M		
6.450	412.667	0.990 *M	1.283 M		
6.500	416.667	0.963 *M	1.248 M		
6.502	416.822	0.961 *M	1.244 M		
6.542	420.051	0.982 *M	1.275 M		
6.550	420.667	0.992 *M	1.287 M		
6.600	424.667	1.072 M	1.389 M		
6.650	428.667	1.229 M	1.594 M		
6.667	430.051	1.293 M	1.676 M		
6.700	432.667	1.508 M	1.955 M		
6.750	436.667	2.002 M	2.596 M		
6.771	438.325	2.287 M	2.965 M		
6.792	440.051	2.289 M	2.967 M		
6.800	440.667	2.188 M	2.836 M		
6.850	444.667	1.475 M	1.912 M		
6.896	448.359	0.934 *M	1.211 M		
6.900	448.667	0.893 *M	1.156 M		
6.950	452.667	1.236 M	1.604 M		
7.000	456.667	0.807 *M	1.047 M		
7.000	456.667	1.074 M	1.393 M		
7.026	458.359	1.271 M	1.648 M		
7.050	459.867	1.465 M	1.900 M		
7.053	460.051	1.066 M	1.383 M		
7.100	463.067	1.457 M	1.889 M		
7.125	464.667	0.812 *M	1.055 M		
7.150	466.267	1.004 M	1.303 M		
7.200	469.467	1.334 M	1.730 M		
7.209	470.051	1.393 M	1.807 M		
7.250	472.667	1.656 M	2.148 M		
7.279	474.514	1.848 M	2.396 M		
7.300	475.867	1.883 M	2.439 M		
7.350	479.067	1.508 M	1.955 M		
7.365	480.051	1.420 M	1.842 M		
7.400	482.267	1.258 M	1.633 M		
7.450	485.467	1.086 M	1.408 M		
7.500	488.667	0.988 *M	1.279 M		
7.522	490.051	0.955 *M	1.238 M		
7.550	491.867	0.928 *M	1.201 M		
7.600	495.067	0.908 *M	1.178 M		
7.636	497.391	0.932 *M	1.207 M		
7.650	498.267	0.932 *M	1.209 M		
7.678	500.051	0.965 *M	1.250 M		
7.700	501.467	0.986 *M	1.279 M		
7.750	504.667	1.078 M	1.396 M		
7.800	507.867	1.258 M	1.631 M		

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SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.839	510.359	1.506 M	1.951 M						
7.850	511.067	1.570 M	2.035 M						
7.900	514.267	2.223 M	2.881 M						
7.942	516.924	3.674 M	4.762 M						
7.950	517.467	4.211 M	5.461 M						
7.958	517.948	4.420 V	5.730 V						
8.000	520.667	4.316 V	5.598 V						
8.000	520.667	9.803 V	10.000						
8.375	520.917	10.000	10.000						

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MaineDOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs << = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			7.551 V					
1.000	0.676			7.801 V					
1.049	3.385			7.885 V					
1.050	3.467			8.057 V					
1.100	6.267			4.818 M					
1.109	6.770			4.395 M					
1.150	9.067			3.406 M					
1.169	10.155			3.039 M					
1.173	10.359			3.008 M					
1.188	11.179			2.805 M					
1.200	11.867			2.719 M					
1.250	14.667			2.355 M					
1.300	17.467			2.178 M					
1.346	20.051			2.098 M					
1.350	20.267			2.098 M					
1.353	20.436			2.096 M					
1.400	23.067			2.092 M					
1.450	25.867			2.150 M					
1.500	28.667			2.229 M					
1.525	30.051			2.258 M					
1.550	31.467			2.352 M					
1.600	34.267			2.590 M					
1.650	37.067			2.979 M					
1.692	39.444			3.453 M					
1.700	39.867			3.547 M					
1.703	40.051			3.010 M					
1.750	42.667			2.609 M					
1.800	45.467			2.164 M					
1.850	48.267			1.650 M					
1.852	48.359			1.635 M					
1.893	50.667			1.230 M					
1.900	51.067			2.098 M					
1.950	53.867			1.521 M					
2.000	56.667			1.096 M					
2.000	56.667			1.455 M					
2.021	58.359			1.738 M					
2.042	60.051			2.082 M					
2.050	60.667			2.221 M					

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LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
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 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.075	62.667			1.623 M					
2.100	64.667			2.092 M					
2.150	68.667			3.721 M					
2.167	70.051			4.184 M					
2.200	72.667			4.850 M					
2.202	72.809			4.213 M					
2.250	76.667			3.293 M					
2.292	80.051			2.516 M					
2.300	80.667			2.449 M					
2.350	84.667			1.959 M					
2.400	88.667			1.697 M					
2.417	90.051			1.621 M					
2.450	92.667			1.568 M					
2.484	95.396			1.557 M					
2.500	96.667			1.543 M					
2.542	100.051			1.568 M					
2.550	100.667			1.578 M					
2.600	104.667			1.688 M					
2.650	108.667			1.932 M					
2.667	110.051			2.041 M					
2.700	112.667			2.383 M					
2.750	116.667			3.201 M					
2.768	118.114			3.719 M					
2.792	120.051			2.766 M					
2.800	120.667			2.639 M					
2.850	124.667			1.797 M					
2.887	127.667			1.264 M					
2.896	128.359			2.557 M					
2.900	128.667			2.439 M					
2.950	132.667			1.586 M					
3.000	136.667			1.018« M					
3.000	136.667			1.355 M					
3.021	138.359			1.594 M					
3.042	140.051			1.324 M					
3.050	140.667			1.436 M					
3.100	144.667			2.268 M					
3.112	145.667			1.102 M					
3.150	148.667			1.596 M					
3.167	150.051			1.820 M					
3.200	152.667			2.322 M					
3.248	156.496			3.090 M					
3.250	156.667			3.111 M					
3.292	160.051			2.707 M					
3.300	160.667			2.635 M					
3.350	164.667			2.111 M					
3.400	168.667			1.820 M					
3.417	170.051			1.738 M					
3.450	172.667			1.674 M					
3.500	176.667			1.627 M					
3.506	177.116			1.623 M					
3.542	180.051			1.641 M					
3.550	180.667			1.648 M					
3.600	184.667			1.742 M					
3.650	188.667			1.975 M					
3.667	190.051			2.080 M					
3.700	192.667			2.412 M					
3.750	196.667			3.215 M					
3.768	198.080			3.711 M					
3.792	200.051			2.777 M					
3.800	200.667			2.654 M					

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LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
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 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.850	204.667			1.828 M					
3.887	207.667			1.303 M					
3.896	208.359			2.582 M					
3.900	208.667			2.477 M					
3.950	212.667			1.627 M					
4.000	216.667			1.061 M					
4.000	216.667			1.396 M					
4.021	218.359			1.639 M					
4.042	220.051			1.371 M					
4.050	220.667			1.486 M					
4.100	224.667			2.322 M					
4.112	225.667			1.168 M					
4.150	228.667			1.668 M					
4.167	230.051			1.895 M					
4.200	232.667			2.400 M					
4.234	235.411			2.979 M					
4.250	236.667			3.174 M					
4.292	240.051			2.635 M					
4.300	240.667			2.566 M					
4.350	244.667			2.059 M					
4.400	248.667			1.779 M					
4.417	250.051			1.699 M					
4.450	252.667			1.639 M					
4.499	256.613			1.604 M					
4.500	256.667			1.598 M					
4.542	260.051			1.615 M					
4.550	260.667			1.623 M					
4.600	264.667			1.725 M					
4.650	268.667			1.961 M					
4.667	270.051			2.066 M					
4.700	272.667			2.402 M					
4.750	276.667			3.209 M					
4.768	278.102			3.719 M					
4.792	280.051			2.775 M					
4.800	280.667			2.650 M					
4.850	284.667			1.820 M					
4.887	287.667			1.291 M					
4.896	288.359			2.564 M					
4.900	288.667			2.465 M					
4.950	292.667			1.613 M					
5.000	296.667			1.047 M					
5.000	296.667			1.385 M					
5.021	298.359			1.625 M					
5.042	300.051			1.357 M					
5.050	300.667			1.473 M					
5.100	304.667			2.305 M					
5.112	305.667			1.146 M					
5.150	308.667			1.643 M					
5.167	310.051			1.869 M					
5.200	312.667			2.371 M					
5.238	315.743			3.004 M					
5.250	316.667			3.148 M					
5.292	320.051			2.656 M					
5.300	320.667			2.586 M					
5.350	324.667			2.074 M					
5.400	328.667			1.793 M					
5.417	330.051			1.711 M					
5.450	332.667			1.650 M					
5.500	336.667			1.607 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.501	336.733			1.607 M					
5.542	340.051			1.625 M					
5.550	340.667			1.633 M					
5.600	344.667			1.732 M					
5.650	348.667			1.969 M					
5.667	350.051			2.074 M					
5.700	352.667			2.410 M					
5.750	356.667			3.219 M					
5.767	358.027			3.693 M					
5.792	360.051			2.775 M					
5.800	360.667			2.652 M					
5.850	364.667			1.820 M					
5.888	367.667			1.291 M					
5.896	368.359			2.531 M					
5.900	368.667			2.469 M					
5.950	372.667			1.615 M					
6.000	376.667			1.049 M					
6.000	376.667			1.387 M					
6.021	378.359			1.627 M					
6.042	380.051			1.359 M					
6.050	380.667			1.477 M					
6.100	384.667			2.312 M					
6.112	385.667			1.152 M					
6.150	388.667			1.648 M					
6.167	390.051			1.875 M					
6.200	392.667			2.381 M					
6.237	395.622			2.994 M					
6.250	396.667			3.156 M					
6.292	400.051			2.648 M					
6.300	400.667			2.578 M					
6.350	404.667			2.066 M					
6.400	408.667			1.785 M					
6.417	410.051			1.705 M					
6.450	412.667			1.645 M					
6.500	416.667			1.600 M					
6.502	416.822			1.598 M					
6.542	420.051			1.617 M					
6.550	420.667			1.625 M					
6.600	424.667			1.725 M					
6.650	428.667			1.961 M					
6.667	430.051			2.066 M					
6.700	432.667			2.400 M					
6.750	436.667			3.213 M					
6.771	438.325			3.818 M					
6.792	440.051			3.338 M					
6.800	440.667			3.186 M					
6.850	444.667			2.205 M					
6.896	448.359			1.314 M					
6.900	448.667			1.275 M					
6.950	452.667			1.666 M					
7.000	456.667			1.051 M					
7.000	456.667			1.396 M					
7.026	458.359			1.662 M					
7.050	459.867			1.938 M					
7.053	460.051			1.402 M					
7.100	463.067			2.021 M					
7.125	464.667			1.158 M					
7.150	466.267			1.436 M					
7.200	469.467			2.039 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.209	470.051			2.096 M					
7.250	472.667			2.539 M					
7.279	474.514			2.830 M					
7.300	475.867			3.033 M					
7.350	479.067			2.535 M					
7.365	480.051			2.391 M					
7.400	482.267			2.111 M					
7.450	485.467			1.863 M					
7.500	488.667			1.689 M					
7.522	490.051			1.621 M					
7.550	491.867			1.555 M					
7.600	495.067			1.508 M					
7.636	497.391			1.518 M					
7.650	498.267			1.523 M					
7.678	500.051			1.562 M					
7.700	501.467			1.578 M					
7.750	504.667			1.715 M					
7.800	507.867			1.975 M					
7.839	510.359			2.383 M					
7.850	511.067			2.479 M					
7.900	514.267			3.551 M					
7.942	516.924			5.820 M					
7.950	517.467			6.656 M					
7.958	517.948			6.875 V					
8.000	520.667			6.686 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			7.518 V					
1.000	0.676			7.756 V					
1.049	3.385			7.840 V					
1.050	3.467			7.998 V					
1.100	6.267			4.775 M					
1.109	6.770			4.355 M					
1.150	9.067			3.359 M					
1.169	10.155			3.006 M					
1.173	10.359			2.973 M					
1.188	11.179			2.770 M					
1.200	11.867			2.682 M					
1.250	14.667			2.299 M					
1.300	17.467			2.070 M					
1.346	20.051			1.957 M					
1.350	20.267			1.955 M					
1.353	20.436			1.953 M					
1.400	23.067			1.906 M					
1.450	25.867			1.918 M					
1.500	28.667			1.990 M					
1.525	30.051			2.041 M					
1.550	31.467			2.143 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC FRAC	DISTANCE (ft)	STRENGTH				SERVICE			
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.600	34.267			2.391 M					
1.650	37.067			2.779 M					
1.692	39.444			3.244 M					
1.700	39.867			3.332 M					
1.703	40.051			3.123 M					
1.750	42.667			2.672 M					
1.800	45.467			2.215 M					
1.850	48.267			1.725 M					
1.852	48.359			1.709 M					
1.893	50.667			1.295 M					
1.900	51.067			2.229 M					
1.950	53.867			1.643 M					
2.000	56.667			1.189 M					
2.000	56.667			1.580 M					
2.021	58.359			1.904 M					
2.042	60.051			2.238 M					
2.050	60.667			2.387 M					
2.075	62.667			1.715 M					
2.100	64.667			2.193 M					
2.150	68.667			3.418 M					
2.167	70.051			3.963 M					
2.200	72.667			4.490 M					
2.202	72.809			4.404 M					
2.250	76.667			3.045 M					
2.292	80.051			2.371 M					
2.300	80.667			2.299 M					
2.350	84.667			1.840 M					
2.400	88.667			1.592 M					
2.417	90.051			1.521 M					
2.450	92.667			1.463 M					
2.484	95.396			1.455 M					
2.500	96.667			1.439 M					
2.542	100.051			1.477 M					
2.550	100.667			1.492 M					
2.600	104.667			1.609 M					
2.650	108.667			1.844 M					
2.667	110.051			1.943 M					
2.700	112.667			2.262 M					
2.750	116.667			2.982 M					
2.768	118.114			3.396 M					
2.792	120.051			2.855 M					
2.800	120.667			2.703 M					
2.850	124.667			1.773 M					
2.887	127.667			1.238 M					
2.896	128.359			2.562 M					
2.900	128.667			2.486 M					
2.950	132.667			1.674 M					
3.000	136.667			1.104 M					
3.000	136.667			1.471 M					
3.021	138.359			1.715 M					
3.042	140.051			1.426 M					
3.050	140.667			1.518 M					
3.100	144.667			2.266 M					
3.112	145.667			1.092« M					
3.150	148.667			1.562 M					
3.167	150.051			1.830 M					
3.200	152.667			2.402 M					
3.248	156.496			3.189 M					
3.250	156.667			3.215 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.292	160.051			2.549 M					
3.300	160.667			2.473 M					
3.350	164.667			1.980 M					
3.400	168.667			1.705 M					
3.417	170.051			1.631 M					
3.450	172.667			1.574 M					
3.500	176.667			1.521 M					
3.506	177.116			1.516 M					
3.542	180.051			1.547 M					
3.550	180.667			1.561 M					
3.600	184.667			1.662 M					
3.650	188.667			1.885 M					
3.667	190.051			1.980 M					
3.700	192.667			2.289 M					
3.750	196.667			2.994 M					
3.768	198.080			3.391 M					
3.792	200.051			2.865 M					
3.800	200.667			2.717 M					
3.850	204.667			1.805 M					
3.887	207.667			1.277 M					
3.896	208.359			2.600 M					
3.900	208.667			2.523 M					
3.950	212.667			1.717 M					
4.000	216.667			1.148 M					
4.000	216.667			1.516 M					
4.021	218.359			1.762 M					
4.042	220.051			1.477 M					
4.050	220.667			1.568 M					
4.100	224.667			2.326 M					
4.112	225.667			1.156 M					
4.150	228.667			1.635 M					
4.167	230.051			1.904 M					
4.200	232.667			2.482 M					
4.234	235.411			3.070 M					
4.250	236.667			3.172 M					
4.292	240.051			2.482 M					
4.300	240.667			2.406 M					
4.350	244.667			1.932 M					
4.400	248.667			1.666 M					
4.417	250.051			1.596 M					
4.450	252.667			1.541 M					
4.499	256.613			1.500 M					
4.500	256.667			1.494 M					
4.542	260.051			1.523 M					
4.550	260.667			1.537 M					
4.600	264.667			1.645 M					
4.650	268.667			1.871 M					
4.667	270.051			1.969 M					
4.700	272.667			2.279 M					
4.750	276.667			2.990 M					
4.768	278.102			3.396 M					
4.792	280.051			2.863 M					
4.800	280.667			2.713 M					
4.850	284.667			1.795 M					
4.887	287.667			1.266 M					
4.896	288.359			2.588 M					
4.900	288.667			2.512 M					
4.950	292.667			1.703 M					
5.000	296.667			1.135 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.000	296.667			1.502 M					
5.021	298.359			1.746 M					
5.042	300.051			1.461 M					
5.050	300.667			1.553 M					
5.100	304.667			2.305 M					
5.112	305.667			1.137 M					
5.150	308.667			1.611 M					
5.167	310.051			1.879 M					
5.200	312.667			2.453 M					
5.238	315.743			3.098 M					
5.250	316.667			3.195 M					
5.292	320.051			2.502 M					
5.300	320.667			2.426 M					
5.350	324.667			1.947 M					
5.400	328.667			1.680 M					
5.417	330.051			1.607 M					
5.450	332.667			1.551 M					
5.500	336.667			1.504 M					
5.501	336.733			1.504 M					
5.542	340.051			1.531 M					
5.550	340.667			1.545 M					
5.600	344.667			1.652 M					
5.650	348.667			1.877 M					
5.667	350.051			1.975 M					
5.700	352.667			2.287 M					
5.750	356.667			2.998 M					
5.767	358.027			3.377 M					
5.792	360.051			2.863 M					
5.800	360.667			2.715 M					
5.850	364.667			1.795 M					
5.888	367.667			1.268 M					
5.896	368.359			2.590 M					
5.900	368.667			2.514 M					
5.950	372.667			1.707 M					
6.000	376.667			1.137 M					
6.000	376.667			1.504 M					
6.021	378.359			1.750 M					
6.042	380.051			1.463 M					
6.050	380.667			1.557 M					
6.100	384.667			2.311 M					
6.112	385.667			1.141 M					
6.150	388.667			1.617 M					
6.167	390.051			1.887 M					
6.200	392.667			2.463 M					
6.237	395.622			3.086 M					
6.250	396.667			3.186 M					
6.292	400.051			2.492 M					
6.300	400.667			2.418 M					
6.350	404.667			1.939 M					
6.400	408.667			1.672 M					
6.417	410.051			1.600 M					
6.450	412.667			1.545 M					
6.500	416.667			1.496 M					
6.502	416.822			1.494 M					
6.542	420.051			1.525 M					
6.550	420.667			1.539 M					
6.600	424.667			1.645 M					
6.650	428.667			1.869 M					
6.667	430.051			1.967 M					
6.700	432.667			2.281 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.750	436.667			2.992 M					
6.771	438.325			3.477 M					
6.792	440.051			3.430 M					
6.800	440.667			3.230 M					
6.850	444.667			2.105 M					
6.896	448.359			1.342 M					
6.900	448.667			1.287 M					
6.950	452.667			1.770 M					
7.000	456.667			1.154 M					
7.000	456.667			1.537 M					
7.026	458.359			1.816 M					
7.050	459.867			2.098 M					
7.053	460.051			1.523 M					
7.100	463.067			2.096 M					
7.125	464.667			1.170 M					
7.150	466.267			1.438 M					
7.200	469.467			2.053 M					
7.209	470.051			2.168 M					
7.250	472.667			2.621 M					
7.279	474.514			2.924 M					
7.300	475.867			2.992 M					
7.350	479.067			2.395 M					
7.365	480.051			2.256 M					
7.400	482.267			1.988 M					
7.450	485.467			1.723 M					
7.500	488.667			1.559 M					
7.522	490.051			1.510 M					
7.550	491.867			1.451 M					
7.600	495.067			1.410 M					
7.636	497.391			1.436 M					
7.650	498.267			1.439 M					
7.678	500.051			1.490 M					
7.700	501.467			1.520 M					
7.750	504.667			1.676 M					
7.800	507.867			1.955 M					
7.839	510.359			2.373 M					
7.850	511.067			2.473 M					
7.900	514.267			3.543 M					
7.942	516.924			5.814 M					
7.950	517.467			6.646 M					
7.958	517.948			6.867 V					
8.000	520.667			6.715 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			7.486 V					
1.000	0.676			7.672 V					
1.049	3.385			7.756 V					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC FRAC	DISTANCE (ft)	STRENGTH				SERVICE			
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.050	3.467			7.906 V					
1.100	6.267			4.709 M					
1.109	6.770			4.295 M					
1.150	9.067			3.303 M					
1.169	10.155			2.959 M					
1.173	10.359			2.928 M					
1.188	11.179			2.723 M					
1.200	11.867			2.635 M					
1.250	14.667			2.250 M					
1.300	17.467			2.016 M					
1.346	20.051			1.900 M					
1.350	20.267			1.896 M					
1.353	20.436			1.895 M					
1.400	23.067			1.846 M					
1.450	25.867			1.863 M					
1.500	28.667			1.938 M					
1.525	30.051			1.979 M					
1.550	31.467			2.074 M					
1.600	34.267			2.316 M					
1.650	37.067			2.701 M					
1.692	39.444			3.172 M					
1.700	39.867			3.262 M					
1.703	40.051			3.080 M					
1.750	42.667			2.633 M					
1.800	45.467			2.195 M					
1.850	48.267			1.666 M					
1.852	48.359			1.650 M					
1.893	50.667			1.217 M					
1.900	51.067			2.074 M					
1.950	53.867			1.492 M					
2.000	56.667			1.068 M					
2.000	56.667			1.420 M					
2.021	58.359			1.689 M					
2.042	60.051			2.010 M					
2.050	60.667			2.139 M					
2.075	62.667			1.547 M					
2.100	64.667			1.998 M					
2.150	68.667			3.344 M					
2.167	70.051			3.945 M					
2.200	72.667			4.514 M					
2.202	72.809			4.422 M					
2.250	76.667			3.014 M					
2.292	80.051			2.350 M					
2.300	80.667			2.279 M					
2.350	84.667			1.822 M					
2.400	88.667			1.574 M					
2.417	90.051			1.504 M					
2.450	92.667			1.441 M					
2.484	95.396			1.430 M					
2.500	96.667			1.416 M					
2.542	100.051			1.451 M					
2.550	100.667			1.467 M					
2.600	104.667			1.588 M					
2.650	108.667			1.826 M					
2.667	110.051			1.926 M					
2.700	112.667			2.238 M					
2.750	116.667			2.953 M					
2.768	118.114			3.355 M					
2.792	120.051			2.914 M					
2.800	120.667			2.775 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.850	124.667			1.867 M					
2.887	127.667			1.252 M					
2.896	128.359			2.559 M					
2.900	128.667			2.475 M					
2.950	132.667			1.596 M					
3.000	136.667			1.037« M					
3.000	136.667			1.381 M					
3.021	138.359			1.621 M					
3.042	140.051			1.357 M					
3.050	140.667			1.451 M					
3.100	144.667			2.238 M					
3.112	145.667			1.096 M					
3.150	148.667			1.645 M					
3.167	150.051			1.955 M					
3.200	152.667			2.494 M					
3.248	156.496			3.148 M					
3.250	156.667			3.195 M					
3.292	160.051			2.527 M					
3.300	160.667			2.453 M					
3.350	164.667			1.961 M					
3.400	168.667			1.688 M					
3.417	170.051			1.611 M					
3.450	172.667			1.547 M					
3.500	176.667			1.496 M					
3.506	177.116			1.490 M					
3.542	180.051			1.521 M					
3.550	180.667			1.533 M					
3.600	184.667			1.641 M					
3.650	188.667			1.867 M					
3.667	190.051			1.963 M					
3.700	192.667			2.268 M					
3.750	196.667			2.967 M					
3.768	198.080			3.352 M					
3.792	200.051			2.926 M					
3.800	200.667			2.791 M					
3.850	204.667			1.900 M					
3.887	207.667			1.291 M					
3.896	208.359			2.598 M					
3.900	208.667			2.512 M					
3.950	212.667			1.639 M					
4.000	216.667			1.080 M					
4.000	216.667			1.426 M					
4.021	218.359			1.668 M					
4.042	220.051			1.408 M					
4.050	220.667			1.502 M					
4.100	224.667			2.299 M					
4.112	225.667			1.164 M					
4.150	228.667			1.723 M					
4.167	230.051			2.037 M					
4.200	232.667			2.576 M					
4.234	235.411			3.035 M					
4.250	236.667			3.141 M					
4.292	240.051			2.461 M					
4.300	240.667			2.389 M					
4.350	244.667			1.914 M					
4.400	248.667			1.648 M					
4.417	250.051			1.576 M					
4.450	252.667			1.516 M					
4.499	256.613			1.475 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC FRAC	DISTANCE (ft)	STRENGTH				SERVICE			
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.500	256.667			1.469 M					
4.542	260.051			1.498 M					
4.550	260.667			1.512 M					
4.600	264.667			1.623 M					
4.650	268.667			1.854 M					
4.667	270.051			1.949 M					
4.700	272.667			2.258 M					
4.750	276.667			2.961 M					
4.768	278.102			3.355 M					
4.792	280.051			2.924 M					
4.800	280.667			2.789 M					
4.850	284.667			1.891 M					
4.887	287.667			1.279 M					
4.896	288.359			2.586 M					
4.900	288.667			2.500 M					
4.950	292.667			1.625 M					
5.000	296.667			1.068 M					
5.000	296.667			1.412 M					
5.021	298.359			1.652 M					
5.042	300.051			1.393 M					
5.050	300.667			1.486 M					
5.100	304.667			2.279 M					
5.112	305.667			1.143 M					
5.150	308.667			1.697 M					
5.167	310.051			2.010 M					
5.200	312.667			2.545 M					
5.238	315.743			3.061 M					
5.250	316.667			3.166 M					
5.292	320.051			2.480 M					
5.300	320.667			2.408 M					
5.350	324.667			1.928 M					
5.400	328.667			1.660 M					
5.417	330.051			1.588 M					
5.450	332.667			1.525 M					
5.500	336.667			1.479 M					
5.501	336.733			1.479 M					
5.542	340.051			1.506 M					
5.550	340.667			1.520 M					
5.600	344.667			1.631 M					
5.650	348.667			1.861 M					
5.667	350.051			1.957 M					
5.700	352.667			2.266 M					
5.750	356.667			2.969 M					
5.767	358.027			3.338 M					
5.792	360.051			2.924 M					
5.800	360.667			2.789 M					
5.850	364.667			1.891 M					
5.888	367.667			1.281 M					
5.896	368.359			2.586 M					
5.900	368.667			2.502 M					
5.950	372.667			1.627 M					
6.000	376.667			1.070 M					
6.000	376.667			1.414 M					
6.021	378.359			1.656 M					
6.042	380.051			1.396 M					
6.050	380.667			1.490 M					
6.100	384.667			2.285 M					
6.112	385.667			1.148 M					
6.150	388.667			1.705 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.167	390.051			2.018 M					
6.200	392.667			2.555 M					
6.237	395.622			3.049 M					
6.250	396.667			3.154 M					
6.292	400.051			2.471 M					
6.300	400.667			2.398 M					
6.350	404.667			1.920 M					
6.400	408.667			1.652 M					
6.417	410.051			1.580 M					
6.450	412.667			1.518 M					
6.500	416.667			1.471 M					
6.502	416.822			1.469 M					
6.542	420.051			1.500 M					
6.550	420.667			1.512 M					
6.600	424.667			1.623 M					
6.650	428.667			1.854 M					
6.667	430.051			1.949 M					
6.700	432.667			2.260 M					
6.750	436.667			2.963 M					
6.771	438.325			3.438 M					
6.792	440.051			3.422 M					
6.800	440.667			3.256 M					
6.850	444.667			2.131 M					
6.896	448.359			1.279 M					
6.900	448.667			1.221 M					
6.950	452.667			1.629 M					
7.000	456.667			1.051 M					
7.000	456.667			1.396 M					
7.026	458.359			1.658 M					
7.050	459.867			1.932 M					
7.053	460.051			1.406 M					
7.100	463.067			1.994 M					
7.125	464.667			1.137 M					
7.150	466.267			1.426 M					
7.200	469.467			2.080 M					
7.209	470.051			2.184 M					
7.250	472.667			2.586 M					
7.279	474.514			2.885 M					
7.300	475.867			2.961 M					
7.350	479.067			2.354 M					
7.365	480.051			2.211 M					
7.400	482.267			1.936 M					
7.450	485.467			1.668 M					
7.500	488.667			1.508 M					
7.522	490.051			1.453 M					
7.550	491.867			1.406 M					
7.600	495.067			1.373 M					
7.636	497.391			1.404 M					
7.650	498.267			1.408 M					
7.678	500.051			1.461 M					
7.700	501.467			1.492 M					
7.750	504.667			1.650 M					
7.800	507.867			1.932 M					
7.839	510.359			2.352 M					
7.850	511.067			2.451 M					
7.900	514.267			3.512 M					
7.942	516.924			5.775 M					
7.950	517.467			6.600 M					
7.958	517.948			6.814 V					
8.000	520.667			6.686 V					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			7.266	V				
1.000	0.676			7.502	V				
1.049	3.385			7.582	V				
1.050	3.467			7.732	V				
1.100	6.267			4.621	M				
1.109	6.770			4.217	M				
1.150	9.067			3.256	M				
1.169	10.155			2.957	M				
1.173	10.359			2.926	M				
1.188	11.179			2.719	M				
1.200	11.867			2.643	M				
1.250	14.667			2.264	M				
1.300	17.467			2.076	M				
1.346	20.051			1.967	M				
1.350	20.267			1.990	M				
1.353	20.436			1.990	M				
1.400	23.067			1.945	M				
1.450	25.867			1.947	M				
1.500	28.667			2.033	M				
1.525	30.051			2.078	M				
1.550	31.467			2.178	M				
1.600	34.267			2.408	M				
1.650	37.067			2.785	M				
1.692	39.444			3.307	M				
1.700	39.867			3.404	M				
1.703	40.051			3.111	M				
1.750	42.667			2.662	M				
1.800	45.467			2.213	M				
1.850	48.267			1.676	M				
1.852	48.359			1.658	M				
1.893	50.667			1.229	M				
1.900	51.067			2.104	M				
1.950	53.867			1.516	M				
2.000	56.667			1.080	M				
2.000	56.667			1.434	M				
2.021	58.359			1.711	M				
2.042	60.051			2.039	M				
2.050	60.667			2.188	M				
2.075	62.667			1.578	M				
2.100	64.667			2.035	M				
2.150	68.667			3.369	M				
2.167	70.051			3.957	M				
2.200	72.667			4.715	M				
2.202	72.809			4.625	M				
2.250	76.667			3.141	M				
2.292	80.051			2.434	M				

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC FRAC	DISTANCE (ft)	STRENGTH				SERVICE			
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.300	80.667			2.377 M					
2.350	84.667			1.891 M					
2.400	88.667			1.646 M					
2.417	90.051			1.568 M					
2.450	92.667			1.500 M					
2.484	95.396			1.488 M					
2.500	96.667			1.465 M					
2.542	100.051			1.510 M					
2.550	100.667			1.527 M					
2.600	104.667			1.648 M					
2.650	108.667			1.891 M					
2.667	110.051			1.992 M					
2.700	112.667			2.312 M					
2.750	116.667			3.092 M					
2.768	118.114			3.512 M					
2.792	120.051			2.941 M					
2.800	120.667			2.791 M					
2.850	124.667			1.861 M					
2.887	127.667			1.254 M					
2.896	128.359			2.568 M					
2.900	128.667			2.498 M					
2.950	132.667			1.629 M					
3.000	136.667			1.047« M					
3.000	136.667			1.395 M					
3.021	138.359			1.652 M					
3.042	140.051			1.375 M					
3.050	140.667			1.469 M					
3.100	144.667			2.258 M					
3.112	145.667			1.100 M					
3.150	148.667			1.645 M					
3.167	150.051			1.941 M					
3.200	152.667			2.518 M					
3.248	156.496			3.184 M					
3.250	156.667			3.211 M					
3.292	160.051			2.619 M					
3.300	160.667			2.559 M					
3.350	164.667			2.037 M					
3.400	168.667			1.762 M					
3.417	170.051			1.680 M					
3.450	172.667			1.598 M					
3.500	176.667			1.551 M					
3.506	177.116			1.543 M					
3.542	180.051			1.582 M					
3.550	180.667			1.596 M					
3.600	184.667			1.705 M					
3.650	188.667			1.934 M					
3.667	190.051			2.029 M					
3.700	192.667			2.342 M					
3.750	196.667			3.105 M					
3.768	198.080			3.508 M					
3.792	200.051			2.953 M					
3.800	200.667			2.807 M					
3.850	204.667			1.896 M					
3.887	207.667			1.293 M					
3.896	208.359			2.607 M					
3.900	208.667			2.535 M					
3.950	212.667			1.672 M					
4.000	216.667			1.090 M					
4.000	216.667			1.439 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.021	218.359			1.701 M					
4.042	220.051			1.424 M					
4.050	220.667			1.521 M					
4.100	224.667			2.322 M					
4.112	225.667			1.168 M					
4.150	228.667			1.721 M					
4.167	230.051			2.023 M					
4.200	232.667			2.602 M					
4.234	235.411			3.070 M					
4.250	236.667			3.275 M					
4.292	240.051			2.551 M					
4.300	240.667			2.490 M					
4.350	244.667			1.986 M					
4.400	248.667			1.721 M					
4.417	250.051			1.643 M					
4.450	252.667			1.564 M					
4.499	256.613			1.527 M					
4.500	256.667			1.521 M					
4.542	260.051			1.559 M					
4.550	260.667			1.572 M					
4.600	264.667			1.686 M					
4.650	268.667			1.920 M					
4.667	270.051			2.018 M					
4.700	272.667			2.332 M					
4.750	276.667			3.102 M					
4.768	278.102			3.514 M					
4.792	280.051			2.951 M					
4.800	280.667			2.805 M					
4.850	284.667			1.887 M					
4.887	287.667			1.281 M					
4.896	288.359			2.594 M					
4.900	288.667			2.523 M					
4.950	292.667			1.658 M					
5.000	296.667			1.078 M					
5.000	296.667			1.426 M					
5.021	298.359			1.686 M					
5.042	300.051			1.408 M					
5.050	300.667			1.504 M					
5.100	304.667			2.303 M					
5.112	305.667			1.146 M					
5.150	308.667			1.695 M					
5.167	310.051			1.996 M					
5.200	312.667			2.570 M					
5.238	315.743			3.096 M					
5.250	316.667			3.248 M					
5.292	320.051			2.572 M					
5.300	320.667			2.510 M					
5.350	324.667			2.002 M					
5.400	328.667			1.734 M					
5.417	330.051			1.654 M					
5.450	332.667			1.576 M					
5.500	336.667			1.531 M					
5.501	336.733			1.531 M					
5.542	340.051			1.566 M					
5.550	340.667			1.582 M					
5.600	344.667			1.693 M					
5.650	348.667			1.928 M					
5.667	350.051			2.025 M					
5.700	352.667			2.338 M					
5.750	356.667			3.109 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.767	358.027			3.492 M					
5.792	360.051			2.953 M					
5.800	360.667			2.805 M					
5.850	364.667			1.887 M					
5.888	367.667			1.281 M					
5.896	368.359			2.613 M					
5.900	368.667			2.525 M					
5.950	372.667			1.660 M					
6.000	376.667			1.078 M					
6.000	376.667			1.428 M					
6.021	378.359			1.689 M					
6.042	380.051			1.412 M					
6.050	380.667			1.508 M					
6.100	384.667			2.307 M					
6.112	385.667			1.152 M					
6.150	388.667			1.703 M					
6.167	390.051			2.004 M					
6.200	392.667			2.578 M					
6.237	395.622			3.086 M					
6.250	396.667			3.258 M					
6.292	400.051			2.562 M					
6.300	400.667			2.502 M					
6.350	404.667			1.994 M					
6.400	408.667			1.727 M					
6.417	410.051			1.646 M					
6.450	412.667			1.568 M					
6.500	416.667			1.523 M					
6.502	416.822			1.521 M					
6.542	420.051			1.561 M					
6.550	420.667			1.574 M					
6.600	424.667			1.686 M					
6.650	428.667			1.920 M					
6.667	430.051			2.018 M					
6.700	432.667			2.332 M					
6.750	436.667			3.104 M					
6.771	438.325			3.604 M					
6.792	440.051			3.436 M					
6.800	440.667			3.275 M					
6.850	444.667			2.129 M					
6.896	448.359			1.293 M					
6.900	448.667			1.236 M					
6.950	452.667			1.674 M					
7.000	456.667			1.059 M					
7.000	456.667			1.414 M					
7.026	458.359			1.678 M					
7.050	459.867			1.963 M					
7.053	460.051			1.426 M					
7.100	463.067			2.014 M					
7.125	464.667			1.141 M					
7.150	466.267			1.439 M					
7.200	469.467			2.080 M					
7.209	470.051			2.193 M					
7.250	472.667			2.617 M					
7.279	474.514			2.918 M					
7.300	475.867			3.076 M					
7.350	479.067			2.447 M					
7.365	480.051			2.291 M					
7.400	482.267			2.027 M					
7.450	485.467			1.738 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.500	488.667			1.561 M					
7.522	490.051			1.510 M					
7.550	491.867			1.465 M					
7.600	495.067			1.428 M					
7.636	497.391			1.451 M					
7.650	498.267			1.449 M					
7.678	500.051			1.492 M					
7.700	501.467			1.520 M					
7.750	504.667			1.656 M					
7.800	507.867			1.932 M					
7.839	510.359			2.334 M					
7.850	511.067			2.439 M					
7.900	514.267			3.451 M					
7.942	516.924			5.646 M					
7.950	517.467			6.471 M					
7.958	517.948			6.684 V					
8.000	520.667			6.582 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			7.492 V					
1.000	0.676			7.643 V					
1.049	3.385			7.727 V					
1.050	3.467			7.891 V					
1.100	6.267			4.689 M					
1.109	6.770			4.275 M					
1.150	9.067			3.311 M					
1.169	10.155			2.996 M					
1.173	10.359			2.961 M					
1.188	11.179			2.760 M					
1.200	11.867			2.656 M					
1.250	14.667			2.271 M					
1.300	17.467			2.066 M					
1.346	20.051			1.973 M					
1.350	20.267			1.975 M					
1.353	20.436			1.971 M					
1.400	23.067			1.939 M					
1.450	25.867			1.955 M					
1.500	28.667			2.008 M					
1.525	30.051			2.061 M					
1.550	31.467			2.150 M					
1.600	34.267			2.395 M					
1.650	37.067			2.801 M					
1.692	39.444			3.287 M					
1.700	39.867			3.357 M					
1.703	40.051			3.152 M					
1.750	42.667			2.701 M					
1.800	45.467			2.246 M					
1.850	48.267			1.717 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.852	48.359			1.703 M					
1.893	50.667			1.246 M					
1.900	51.067			2.125 M					
1.950	53.867			1.529 M					
2.000	56.667			1.092 M					
2.000	56.667			1.449 M					
2.021	58.359			1.727 M					
2.042	60.051			2.066 M					
2.050	60.667			2.203 M					
2.075	62.667			1.594 M					
2.100	64.667			2.066 M					
2.150	68.667			3.527 M					
2.167	70.051			4.078 M					
2.200	72.667			4.699 M					
2.202	72.809			4.611 M					
2.250	76.667			3.107 M					
2.292	80.051			2.434 M					
2.300	80.667			2.340 M					
2.350	84.667			1.869 M					
2.400	88.667			1.613 M					
2.417	90.051			1.551 M					
2.450	92.667			1.498 M					
2.484	95.396			1.480 M					
2.500	96.667			1.471 M					
2.542	100.051			1.496 M					
2.550	100.667			1.523 M					
2.600	104.667			1.639 M					
2.650	108.667			1.879 M					
2.667	110.051			1.994 M					
2.700	112.667			2.297 M					
2.750	116.667			3.043 M					
2.768	118.114			3.461 M					
2.792	120.051			2.965 M					
2.800	120.667			2.852 M					
2.850	124.667			1.918 M					
2.887	127.667			1.289 M					
2.896	128.359			2.631 M					
2.900	128.667			2.555 M					
2.950	132.667			1.629 M					
3.000	136.667			1.055« M					
3.000	136.667			1.406 M					
3.021	138.359			1.654 M					
3.042	140.051			1.385 M					
3.050	140.667			1.480 M					
3.100	144.667			2.328 M					
3.112	145.667			1.135 M					
3.150	148.667			1.678 M					
3.167	150.051			1.986 M					
3.200	152.667			2.564 M					
3.248	156.496			3.227 M					
3.250	156.667			3.252 M					
3.292	160.051			2.613 M					
3.300	160.667			2.518 M					
3.350	164.667			2.012 M					
3.400	168.667			1.732 M					
3.417	170.051			1.662 M					
3.450	172.667			1.592 M					
3.500	176.667			1.557 M					
3.506	177.116			1.545 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.542	180.051			1.568 M					
3.550	180.667			1.592 M					
3.600	184.667			1.693 M					
3.650	188.667			1.920 M					
3.667	190.051			2.033 M					
3.700	192.667			2.326 M					
3.750	196.667			3.057 M					
3.768	198.080			3.455 M					
3.792	200.051			2.977 M					
3.800	200.667			2.867 M					
3.850	204.667			1.951 M					
3.887	207.667			1.332 M					
3.896	208.359			2.674 M					
3.900	208.667			2.594 M					
3.950	212.667			1.670 M					
4.000	216.667			1.100 M					
4.000	216.667			1.451 M					
4.021	218.359			1.703 M					
4.042	220.051			1.436 M					
4.050	220.667			1.535 M					
4.100	224.667			2.393 M					
4.112	225.667			1.205 M					
4.150	228.667			1.754 M					
4.167	230.051			2.068 M					
4.200	232.667			2.648 M					
4.234	235.411			3.113 M					
4.250	236.667			3.236 M					
4.292	240.051			2.547 M					
4.300	240.667			2.451 M					
4.350	244.667			1.963 M					
4.400	248.667			1.693 M					
4.417	250.051			1.625 M					
4.450	252.667			1.559 M					
4.499	256.613			1.533 M					
4.500	256.667			1.527 M					
4.542	260.051			1.545 M					
4.550	260.667			1.568 M					
4.600	264.667			1.676 M					
4.650	268.667			1.906 M					
4.667	270.051			2.020 M					
4.700	272.667			2.316 M					
4.750	276.667			3.051 M					
4.768	278.102			3.461 M					
4.792	280.051			2.975 M					
4.800	280.667			2.863 M					
4.850	284.667			1.941 M					
4.887	287.667			1.318 M					
4.896	288.359			2.660 M					
4.900	288.667			2.582 M					
4.950	292.667			1.658 M					
5.000	296.667			1.086 M					
5.000	296.667			1.438 M					
5.021	298.359			1.688 M					
5.042	300.051			1.420 M					
5.050	300.667			1.518 M					
5.100	304.667			2.373 M					
5.112	305.667			1.184 M					
5.150	308.667			1.729 M					
5.167	310.051			2.041 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.200	312.667			2.617 M					
5.238	315.743			3.139 M					
5.250	316.667			3.260 M					
5.292	320.051			2.566 M					
5.300	320.667			2.471 M					
5.350	324.667			1.979 M					
5.400	328.667			1.705 M					
5.417	330.051			1.637 M					
5.450	332.667			1.570 M					
5.500	336.667			1.539 M					
5.501	336.733			1.537 M					
5.542	340.051			1.553 M					
5.550	340.667			1.578 M					
5.600	344.667			1.684 M					
5.650	348.667			1.914 M					
5.667	350.051			2.027 M					
5.700	352.667			2.322 M					
5.750	356.667			3.059 M					
5.767	358.027			3.443 M					
5.792	360.051			2.975 M					
5.800	360.667			2.863 M					
5.850	364.667			1.941 M					
5.888	367.667			1.320 M					
5.896	368.359			2.680 M					
5.900	368.667			2.584 M					
5.950	372.667			1.658 M					
6.000	376.667			1.088 M					
6.000	376.667			1.439 M					
6.021	378.359			1.689 M					
6.042	380.051			1.422 M					
6.050	380.667			1.521 M					
6.100	384.667			2.379 M					
6.112	385.667			1.189 M					
6.150	388.667			1.736 M					
6.167	390.051			2.049 M					
6.200	392.667			2.625 M					
6.237	395.622			3.127 M					
6.250	396.667			3.250 M					
6.292	400.051			2.557 M					
6.300	400.667			2.461 M					
6.350	404.667			1.971 M					
6.400	408.667			1.699 M					
6.417	410.051			1.629 M					
6.450	412.667			1.562 M					
6.500	416.667			1.531 M					
6.502	416.822			1.529 M					
6.542	420.051			1.545 M					
6.550	420.667			1.570 M					
6.600	424.667			1.676 M					
6.650	428.667			1.906 M					
6.667	430.051			2.020 M					
6.700	432.667			2.314 M					
6.750	436.667			3.055 M					
6.771	438.325			3.543 M					
6.792	440.051			3.494 M					
6.800	440.667			3.318 M					
6.850	444.667			2.193 M					
6.896	448.359			1.334 M					
6.900	448.667			1.270 M					
6.950	452.667			1.664 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.000	456.667			1.070 M					
7.000	456.667			1.424 M					
7.026	458.359			1.693 M					
7.050	459.867			1.973 M					
7.053	460.051			1.436 M					
7.100	463.067			2.059 M					
7.125	464.667			1.184 M					
7.150	466.267			1.465 M					
7.200	469.467			2.135 M					
7.209	470.051			2.221 M					
7.250	472.667			2.652 M					
7.279	474.514			2.959 M					
7.300	475.867			3.051 M					
7.350	479.067			2.430 M					
7.365	480.051			2.287 M					
7.400	482.267			2.008 M					
7.450	485.467			1.730 M					
7.500	488.667			1.561 M					
7.522	490.051			1.504 M					
7.550	491.867			1.453 M					
7.600	495.067			1.422 M					
7.636	497.391			1.443 M					
7.650	498.267			1.457 M					
7.678	500.051			1.502 M					
7.700	501.467			1.529 M					
7.750	504.667			1.680 M					
7.800	507.867			1.957 M					
7.839	510.359			2.365 M					
7.850	511.067			2.484 M					
7.900	514.267			3.510 M					
7.942	516.924			5.760 M					
7.950	517.467			6.596 M					
7.958	517.948			6.861 V					
8.000	520.667			6.807 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			6.453 V					
1.000	0.676			6.680 V					
1.049	3.385			6.752 V					
1.050	3.467			6.912 V					
1.100	6.267			4.131 M					
1.109	6.770			3.768 M					
1.150	9.067			2.910 M					
1.169	10.155			2.646 M					
1.173	10.359			2.611 M					
1.188	11.179			2.434 M					
1.200	11.867			2.359 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC FRAC	DISTANCE (ft)	STRENGTH				SERVICE			
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.250	14.667			2.021 M					
1.300	17.467			1.836 M					
1.346	20.051			1.742 M					
1.350	20.267			1.740 M					
1.353	20.436			1.740 M					
1.400	23.067			1.699 M					
1.450	25.867			1.715 M					
1.500	28.667			1.783 M					
1.525	30.051			1.824 M					
1.550	31.467			1.916 M					
1.600	34.267			2.131 M					
1.650	37.067			2.461 M					
1.692	39.444			2.840 M					
1.700	39.867			2.912 M					
1.703	40.051			2.771 M					
1.750	42.667			2.367 M					
1.800	45.467			1.971 M					
1.850	48.267			1.604 M					
1.852	48.359			1.592 M					
1.893	50.667			1.314 M					
1.900	51.067			2.283 M					
1.950	53.867			1.600 M					
2.000	56.667			1.113« M					
2.000	56.667			1.479 M					
2.021	58.359			1.785 M					
2.042	60.051			2.158 M					
2.050	60.667			2.311 M					
2.075	62.667			1.721 M					
2.100	64.667			2.311 M					
2.150	68.667			4.227 M					
2.167	70.051			4.432 M					
2.200	72.667			3.773 M					
2.202	72.809			3.705 M					
2.250	76.667			2.699 M					
2.292	80.051			2.166 M					
2.300	80.667			2.113 M					
2.350	84.667			1.723 M					
2.400	88.667			1.502 M					
2.417	90.051			1.436 M					
2.450	92.667			1.383 M					
2.484	95.396			1.377 M					
2.500	96.667			1.359 M					
2.542	100.051			1.393 M					
2.550	100.667			1.410 M					
2.600	104.667			1.523 M					
2.650	108.667			1.732 M					
2.667	110.051			1.818 M					
2.700	112.667			2.094 M					
2.750	116.667			2.668 M					
2.768	118.114			2.986 M					
2.792	120.051			2.643 M					
2.800	120.667			2.535 M					
2.850	124.667			1.910 M					
2.887	127.667			1.484 M					
2.896	128.359			3.100 M					
2.900	128.667			3.000 M					
2.950	132.667			1.850 M					
3.000	136.667			1.150 M					
3.000	136.667			1.531 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.021	138.359			1.830 M					
3.042	140.051			1.561 M					
3.050	140.667			1.680 M					
3.100	144.667			2.789 M					
3.112	145.667			1.328 M					
3.150	148.667			1.717 M					
3.167	150.051			1.906 M					
3.200	152.667			2.271 M					
3.248	156.496			2.854 M					
3.250	156.667			2.900 M					
3.292	160.051			2.334 M					
3.300	160.667			2.279 M					
3.350	164.667			1.859 M					
3.400	168.667			1.613 M					
3.417	170.051			1.539 M					
3.450	172.667			1.482 M					
3.500	176.667			1.438 M					
3.506	177.116			1.432 M					
3.542	180.051			1.459 M					
3.550	180.667			1.477 M					
3.600	184.667			1.576 M					
3.650	188.667			1.773 M					
3.667	190.051			1.855 M					
3.700	192.667			2.121 M					
3.750	196.667			2.678 M					
3.768	198.080			2.980 M					
3.792	200.051			2.654 M					
3.800	200.667			2.551 M					
3.850	204.667			1.947 M					
3.887	207.667			1.537 M					
3.896	208.359			3.150 M					
3.900	208.667			3.051 M					
3.950	212.667			1.898 M					
4.000	216.667			1.199 M					
4.000	216.667			1.580 M					
4.021	218.359			1.883 M					
4.042	220.051			1.619 M					
4.050	220.667			1.738 M					
4.100	224.667			2.859 M					
4.112	225.667			1.400 M					
4.150	228.667			1.787 M					
4.167	230.051			1.975 M					
4.200	232.667			2.336 M					
4.234	235.411			2.742 M					
4.250	236.667			2.824 M					
4.292	240.051			2.273 M					
4.300	240.667			2.221 M					
4.350	244.667			1.812 M					
4.400	248.667			1.576 M					
4.417	250.051			1.504 M					
4.450	252.667			1.451 M					
4.499	256.613			1.418 M					
4.500	256.667			1.412 M					
4.542	260.051			1.438 M					
4.550	260.667			1.455 M					
4.600	264.667			1.559 M					
4.650	268.667			1.760 M					
4.667	270.051			1.844 M					
4.700	272.667			2.111 M					
4.750	276.667			2.676 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.768	278.102			2.986 M					
4.792	280.051			2.652 M					
4.800	280.667			2.547 M					
4.850	284.667			1.938 M					
4.887	287.667			1.523 M					
4.896	288.359			3.135 M					
4.900	288.667			3.037 M					
4.950	292.667			1.883 M					
5.000	296.667			1.186 M					
5.000	296.667			1.564 M					
5.021	298.359			1.867 M					
5.042	300.051			1.602 M					
5.050	300.667			1.721 M					
5.100	304.667			2.834 M					
5.112	305.667			1.373 M					
5.150	308.667			1.760 M					
5.167	310.051			1.947 M					
5.200	312.667			2.309 M					
5.238	315.743			2.766 M					
5.250	316.667			2.846 M					
5.292	320.051			2.291 M					
5.300	320.667			2.238 M					
5.350	324.667			1.828 M					
5.400	328.667			1.588 M					
5.417	330.051			1.516 M					
5.450	332.667			1.461 M					
5.500	336.667			1.422 M					
5.501	336.733			1.420 M					
5.542	340.051			1.445 M					
5.550	340.667			1.463 M					
5.600	344.667			1.566 M					
5.650	348.667			1.768 M					
5.667	350.051			1.850 M					
5.700	352.667			2.117 M					
5.750	356.667			2.682 M					
5.767	358.027			2.971 M					
5.792	360.051			2.656 M					
5.800	360.667			2.553 M					
5.850	364.667			1.941 M					
5.888	367.667			1.527 M					
5.896	368.359			3.141 M					
5.900	368.667			3.043 M					
5.950	372.667			1.885 M					
6.000	376.667			1.188 M					
6.000	376.667			1.566 M					
6.021	378.359			1.869 M					
6.042	380.051			1.604 M					
6.050	380.667			1.725 M					
6.100	384.667			2.840 M					
6.112	385.667			1.379 M					
6.150	388.667			1.766 M					
6.167	390.051			1.953 M					
6.200	392.667			2.316 M					
6.237	395.622			2.756 M					
6.250	396.667			2.836 M					
6.292	400.051			2.283 M					
6.300	400.667			2.230 M					
6.350	404.667			1.820 M					
6.400	408.667			1.580 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.417	410.051			1.508 M					
6.450	412.667			1.453 M					
6.500	416.667			1.414 M					
6.502	416.822			1.412 M					
6.542	420.051			1.438 M					
6.550	420.667			1.457 M					
6.600	424.667			1.559 M					
6.650	428.667			1.760 M					
6.667	430.051			1.842 M					
6.700	432.667			2.109 M					
6.750	436.667			2.674 M					
6.771	438.325			3.053 M					
6.792	440.051			3.406 M					
6.800	440.667			3.463 M					
6.850	444.667			2.611 M					
6.896	448.359			1.553 M					
6.900	448.667			1.473 M					
6.950	452.667			1.830 M					
7.000	456.667			1.131 M					
7.000	456.667			1.508 M					
7.026	458.359			1.816 M					
7.050	459.867			2.150 M					
7.053	460.051			1.568 M					
7.100	463.067			2.322 M					
7.125	464.667			1.279 M					
7.150	466.267			1.480 M					
7.200	469.467			1.900 M					
7.209	470.051			1.979 M					
7.250	472.667			2.338 M					
7.279	474.514			2.605 M					
7.300	475.867			2.688 M					
7.350	479.067			2.184 M					
7.365	480.051			2.062 M					
7.400	482.267			1.822 M					
7.450	485.467			1.578 M					
7.500	488.667			1.422 M					
7.522	490.051			1.377 M					
7.550	491.867			1.334 M					
7.600	495.067			1.303 M					
7.636	497.391			1.332 M					
7.650	498.267			1.334 M					
7.678	500.051			1.377 M					
7.700	501.467			1.402 M					
7.750	504.667			1.529 M					
7.800	507.867			1.766 M					
7.839	510.359			2.125 M					
7.850	511.067			2.232 M					
7.900	514.267			3.141 M					
7.942	516.924			5.145 M					
7.950	517.467			5.883 M					
7.958	517.948			6.088 V					
8.000	520.667			6.037 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			7.799	V				
1.000	0.676			7.975	V				
1.049	3.385			8.061	V				
1.050	3.467			8.262	V				
1.100	6.267			4.980	M				
1.109	6.770			4.539	M				
1.150	9.067			3.529	M				
1.169	10.155			3.195	M				
1.173	10.359			3.158	M				
1.188	11.179			2.971	M				
1.200	11.867			2.867	M				
1.250	14.667			2.504	M				
1.300	17.467			2.303	M				
1.346	20.051			2.191	M				
1.350	20.267			2.197	M				
1.353	20.436			2.201	M				
1.400	23.067			2.137	M				
1.450	25.867			2.143	M				
1.500	28.667			2.223	M				
1.525	30.051			2.293	M				
1.550	31.467			2.395	M				
1.600	34.267			2.664	M				
1.650	37.067			3.068	M				
1.692	39.444			3.557	M				
1.700	39.867			3.664	M				
1.703	40.051			3.330	M				
1.750	42.667			2.846	M				
1.800	45.467			2.371	M				
1.850	48.267			1.934	M				
1.852	48.359			1.920	M				
1.893	50.667			1.568	M				
1.900	51.067			2.721	M				
1.950	53.867			2.082	M				
2.000	56.667			1.434«	M				
2.000	56.667			1.906	M				
2.021	58.359			2.311	M				
2.042	60.051			2.824	M				
2.050	60.667			3.037	M				
2.075	62.667			2.281	M				
2.100	64.667			3.105	M				
2.150	68.667			5.434	M				
2.167	70.051			5.285	M				
2.200	72.667			4.629	M				
2.202	72.809			4.557	M				
2.250	76.667			3.340	M				
2.292	80.051			2.717	M				
2.300	80.667			2.631	M				
2.350	84.667			2.146	M				
2.400	88.667			1.873	M				
2.417	90.051			1.803	M				
2.450	92.667			1.732	M				
2.484	95.396			1.725	M				
2.500	96.667			1.707	M				
2.542	100.051			1.752	M				
2.550	100.667			1.775	M				
2.600	104.667			1.918	M				

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC FRAC	DISTANCE (ft)	STRENGTH			SERVICE				
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.650	108.667			2.182 M					
2.667	110.051			2.289 M					
2.700	112.667			2.621 M					
2.750	116.667			3.346 M					
2.768	118.114			3.686 M					
2.792	120.051			3.170 M					
2.800	120.667			3.043 M					
2.850	124.667			2.293 M					
2.887	127.667			1.789 M					
2.896	128.359			3.795 M					
2.900	128.667			3.703 M					
2.950	132.667			2.453 M					
3.000	136.667			1.496 M					
3.000	136.667			1.994 M					
3.021	138.359			2.389 M					
3.042	140.051			2.051 M					
3.050	140.667			2.213 M					
3.100	144.667			3.410 M					
3.112	145.667			1.586 M					
3.150	148.667			2.049 M					
3.167	150.051			2.297 M					
3.200	152.667			2.736 M					
3.248	156.496			3.438 M					
3.250	156.667			3.588 M					
3.292	160.051			2.928 M					
3.300	160.667			2.834 M					
3.350	164.667			2.314 M					
3.400	168.667			2.012 M					
3.417	170.051			1.932 M					
3.450	172.667			1.852 M					
3.500	176.667			1.807 M					
3.506	177.116			1.799 M					
3.542	180.051			1.836 M					
3.550	180.667			1.859 M					
3.600	184.667			1.984 M					
3.650	188.667			2.232 M					
3.667	190.051			2.334 M					
3.700	192.667			2.654 M					
3.750	196.667			3.359 M					
3.768	198.080			3.680 M					
3.792	200.051			3.184 M					
3.800	200.667			3.061 M					
3.850	204.667			2.340 M					
3.887	207.667			1.850 M					
3.896	208.359			3.863 M					
3.900	208.667			3.771 M					
3.950	212.667			2.520 M					
4.000	216.667			1.559 M					
4.000	216.667			2.059 M					
4.021	218.359			2.459 M					
4.042	220.051			2.127 M					
4.050	220.667			2.293 M					
4.100	224.667			3.480 M					
4.112	225.667			1.672 M					
4.150	228.667			2.131 M					
4.167	230.051			2.377 M					
4.200	232.667			2.814 M					
4.234	235.411			3.303 M					
4.250	236.667			3.496 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.292	240.051			2.854 M					
4.300	240.667			2.762 M					
4.350	244.667			2.256 M					
4.400	248.667			1.967 M					
4.417	250.051			1.889 M					
4.450	252.667			1.814 M					
4.499	256.613			1.779 M					
4.500	256.667			1.773 M					
4.542	260.051			1.809 M					
4.550	260.667			1.832 M					
4.600	264.667			1.963 M					
4.650	268.667			2.215 M					
4.667	270.051			2.318 M					
4.700	272.667			2.645 M					
4.750	276.667			3.355 M					
4.768	278.102			3.686 M					
4.792	280.051			3.182 M					
4.800	280.667			3.059 M					
4.850	284.667			2.328 M					
4.887	287.667			1.834 M					
4.896	288.359			3.846 M					
4.900	288.667			3.754 M					
4.950	292.667			2.500 M					
5.000	296.667			1.541 M					
5.000	296.667			2.039 M					
5.021	298.359			2.438 M					
5.042	300.051			2.104 M					
5.050	300.667			2.268 M					
5.100	304.667			3.449 M					
5.112	305.667			1.641 M					
5.150	308.667			2.100 M					
5.167	310.051			2.346 M					
5.200	312.667			2.781 M					
5.238	315.743			3.330 M					
5.250	316.667			3.521 M					
5.292	320.051			2.875 M					
5.300	320.667			2.783 M					
5.350	324.667			2.275 M					
5.400	328.667			1.980 M					
5.417	330.051			1.904 M					
5.450	332.667			1.828 M					
5.500	336.667			1.785 M					
5.501	336.733			1.783 M					
5.542	340.051			1.820 M					
5.550	340.667			1.844 M					
5.600	344.667			1.973 M					
5.650	348.667			2.225 M					
5.667	350.051			2.326 M					
5.700	352.667			2.652 M					
5.750	356.667			3.363 M					
5.767	358.027			3.670 M					
5.792	360.051			3.188 M					
5.800	360.667			3.062 M					
5.850	364.667			2.334 M					
5.888	367.667			1.840 M					
5.896	368.359			3.836 M					
5.900	368.667			3.764 M					
5.950	372.667			2.502 M					
6.000	376.667			1.543 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.000	376.667			2.043 M					
6.021	378.359			2.441 M					
6.042	380.051			2.107 M					
6.050	380.667			2.273 M					
6.100	384.667			3.453 M					
6.112	385.667			1.646 M					
6.150	388.667			2.105 M					
6.167	390.051			2.352 M					
6.200	392.667			2.789 M					
6.237	395.622			3.318 M					
6.250	396.667			3.512 M					
6.292	400.051			2.865 M					
6.300	400.667			2.773 M					
6.350	404.667			2.266 M					
6.400	408.667			1.973 M					
6.417	410.051			1.895 M					
6.450	412.667			1.818 M					
6.500	416.667			1.775 M					
6.502	416.822			1.773 M					
6.542	420.051			1.811 M					
6.550	420.667			1.834 M					
6.600	424.667			1.963 M					
6.650	428.667			2.213 M					
6.667	430.051			2.316 M					
6.700	432.667			2.643 M					
6.750	436.667			3.355 M					
6.771	438.325			3.764 M					
6.792	440.051			4.240 M					
6.800	440.667			4.275 M					
6.850	444.667			3.238 M					
6.896	448.359			2.105 M					
6.900	448.667			1.994 M					
6.950	452.667			2.414 M					
7.000	456.667			1.469 M					
7.000	456.667			1.963 M					
7.026	458.359			2.371 M					
7.050	459.867			2.816 M					
7.053	460.051			2.057 M					
7.100	463.067			2.930 M					
7.125	464.667			1.529 M					
7.150	466.267			1.768 M					
7.200	469.467			2.289 M					
7.209	470.051			2.383 M					
7.250	472.667			2.816 M					
7.279	474.514			3.139 M					
7.300	475.867			3.377 M					
7.350	479.067			2.750 M					
7.365	480.051			2.592 M					
7.400	482.267			2.305 M					
7.450	485.467			1.986 M					
7.500	488.667			1.783 M					
7.522	490.051			1.725 M					
7.550	491.867			1.672 M					
7.600	495.067			1.639 M					
7.636	497.391			1.674 M					
7.650	498.267			1.680 M					
7.678	500.051			1.736 M					
7.700	501.467			1.770 M					
7.750	504.667			1.926 M					
7.800	507.867			2.207 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.839	510.359			2.598 M					
7.850	511.067			2.725 M					
7.900	514.267			3.811 M					
7.942	516.924			6.219 M					
7.950	517.467			7.129 M					
7.958	517.948			7.438 V					
8.000	520.667			7.361 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			10.000					
1.000	0.676			10.000					
1.049	3.385			10.000					
1.050	3.467			10.000					
1.100	6.267			7.521 M					
1.109	6.770			6.850 M					
1.150	9.067			5.424 M					
1.169	10.155			4.836 M					
1.173	10.359			4.816 M					
1.188	11.179			4.496 M					
1.200	11.867			4.432 M					
1.250	14.667			3.848 M					
1.300	17.467			3.525 M					
1.346	20.051			3.354 M					
1.350	20.267			3.363 M					
1.353	20.436			3.371 M					
1.400	23.067			3.309 M					
1.450	25.867			3.350 M					
1.500	28.667			3.498 M					
1.525	30.051			3.514 M					
1.550	31.467			3.736 M					
1.600	34.267			4.133 M					
1.650	37.067			4.744 M					
1.692	39.444			5.416 M					
1.700	39.867			5.541 M					
1.703	40.051			4.961 M					
1.750	42.667			4.244 M					
1.800	45.467			3.539 M					
1.850	48.267			2.904 M					
1.852	48.359			2.883 M					
1.893	50.667			2.316 M					
1.900	51.067			4.020 M					
1.950	53.867			3.338 M					
2.000	56.667			2.342 M					
2.000	56.667			3.113 M					
2.021	58.359			3.799 M					
2.042	60.051			4.658 M					
2.050	60.667			5.029 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.075	62.667			3.836 M					
2.100	64.667			3.936 M					
2.150	68.667			7.826 M					
2.167	70.051			8.236 M					
2.200	72.667			7.199 M					
2.202	72.809			7.033 M					
2.250	76.667			5.207 M					
2.292	80.051			4.143 M					
2.300	80.667			4.111 M					
2.350	84.667			3.367 M					
2.400	88.667			2.955 M					
2.417	90.051			2.789 M					
2.450	92.667			2.709 M					
2.484	95.396			2.734 M					
2.500	96.667			2.656 M					
2.542	100.051			2.709 M					
2.550	100.667			2.756 M					
2.600	104.667			2.959 M					
2.650	108.667			3.369 M					
2.667	110.051			3.506 M					
2.700	112.667			4.014 M					
2.750	116.667			5.119 M					
2.768	118.114			5.814 M					
2.792	120.051			4.709 M					
2.800	120.667			4.521 M					
2.850	124.667			3.416 M					
2.887	127.667			2.666 M					
2.896	128.359			5.688 M					
2.900	128.667			5.463 M					
2.950	132.667			4.113 M					
3.000	136.667			2.432 M					
3.000	136.667			3.248 M					
3.021	138.359			3.932 M					
3.042	140.051			3.393 M					
3.050	140.667			3.652 M					
3.100	144.667			5.047 M					
3.112	145.667			2.346 M					
3.150	148.667			3.025 M					
3.167	150.051			3.414 M					
3.200	152.667			4.086 M					
3.248	156.496			5.148 M					
3.250	156.667			5.605 M					
3.292	160.051			4.469 M					
3.300	160.667			4.436 M					
3.350	164.667			3.633 M					
3.400	168.667			3.166 M					
3.417	170.051			2.990 M					
3.450	172.667			2.893 M					
3.500	176.667			2.814 M					
3.506	177.116			2.787 M					
3.542	180.051			2.838 M					
3.550	180.667			2.883 M					
3.600	184.667			3.062 M					
3.650	188.667			3.447 M					
3.667	190.051			3.574 M					
3.700	192.667			4.066 M					
3.750	196.667			5.141 M					
3.768	198.080			5.801 M					
3.792	200.051			4.732 M					
3.800	200.667			4.551 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.850	204.667			3.484 M					
3.887	207.667			2.760 M					
3.896	208.359			5.787 M					
3.900	208.667			5.564 M					
3.950	212.667			4.225 M					
4.000	216.667			2.537 M					
4.000	216.667			3.354 M					
4.021	218.359			4.045 M					
4.042	220.051			3.510 M					
4.050	220.667			3.773 M					
4.100	224.667			5.150 M					
4.112	225.667			2.475 M					
4.150	228.667			3.148 M					
4.167	230.051			3.537 M					
4.200	232.667			4.203 M					
4.234	235.411			4.945 M					
4.250	236.667			5.457 M					
4.292	240.051			4.355 M					
4.300	240.667			4.322 M					
4.350	244.667			3.543 M					
4.400	248.667			3.094 M					
4.417	250.051			2.924 M					
4.450	252.667			2.834 M					
4.499	256.613			2.773 M					
4.500	256.667			2.762 M					
4.542	260.051			2.797 M					
4.550	260.667			2.842 M					
4.600	264.667			3.027 M					
4.650	268.667			3.422 M					
4.667	270.051			3.553 M					
4.700	272.667			4.051 M					
4.750	276.667			5.135 M					
4.768	278.102			5.814 M					
4.792	280.051			4.730 M					
4.800	280.667			4.545 M					
4.850	284.667			3.469 M					
4.887	287.667			2.736 M					
4.896	288.359			5.764 M					
4.900	288.667			5.539 M					
4.950	292.667			4.191 M					
5.000	296.667			2.506 M					
5.000	296.667			3.322 M					
5.021	298.359			4.010 M					
5.042	300.051			3.471 M					
5.050	300.667			3.732 M					
5.100	304.667			5.104 M					
5.112	305.667			2.430 M					
5.150	308.667			3.102 M					
5.167	310.051			3.488 M					
5.200	312.667			4.152 M					
5.238	315.743			4.988 M					
5.250	316.667			5.500 M					
5.292	320.051			4.389 M					
5.300	320.667			4.355 M					
5.350	324.667			3.570 M					
5.400	328.667			3.117 M					
5.417	330.051			2.945 M					
5.450	332.667			2.854 M					
5.500	336.667			2.779 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.501	336.733			2.775 M					
5.542	340.051			2.812 M					
5.550	340.667			2.857 M					
5.600	344.667			3.043 M					
5.650	348.667			3.436 M					
5.667	350.051			3.564 M					
5.700	352.667			4.062 M					
5.750	356.667			5.146 M					
5.767	358.027			5.770 M					
5.792	360.051			4.738 M					
5.800	360.667			4.553 M					
5.850	364.667			3.477 M					
5.888	367.667			2.744 M					
5.896	368.359			5.658 M					
5.900	368.667			5.516 M					
5.950	372.667			4.195 M					
6.000	376.667			2.508 M					
6.000	376.667			3.324 M					
6.021	378.359			4.014 M					
6.042	380.051			3.475 M					
6.050	380.667			3.736 M					
6.100	384.667			5.109 M					
6.112	385.667			2.436 M					
6.150	388.667			3.111 M					
6.167	390.051			3.498 M					
6.200	392.667			4.166 M					
6.237	395.622			4.969 M					
6.250	396.667			5.480 M					
6.292	400.051			4.373 M					
6.300	400.667			4.340 M					
6.350	404.667			3.555 M					
6.400	408.667			3.104 M					
6.417	410.051			2.932 M					
6.450	412.667			2.840 M					
6.500	416.667			2.766 M					
6.502	416.822			2.756 M					
6.542	420.051			2.797 M					
6.550	420.667			2.842 M					
6.600	424.667			3.027 M					
6.650	428.667			3.420 M					
6.667	430.051			3.549 M					
6.700	432.667			4.047 M					
6.750	436.667			5.129 M					
6.771	438.325			5.949 M					
6.792	440.051			6.459 M					
6.800	440.667			6.203 M					
6.850	444.667			4.715 M					
6.896	448.359			3.443 M					
6.900	448.667			3.309 M					
6.950	452.667			4.102 M					
7.000	456.667			2.381 M					
7.000	456.667			3.176 M					
7.026	458.359			3.854 M					
7.050	459.867			4.549 M					
7.053	460.051			3.318 M					
7.100	463.067			4.336 M					
7.125	464.667			2.264« M					
7.150	466.267			2.611 M					
7.200	469.467			3.404 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
FRAC	(ft)								
7.209	470.051			3.549 M					
7.250	472.667			4.209 M					
7.279	474.514			4.701 M					
7.300	475.867			5.113 M					
7.350	479.067			4.184 M					
7.365	480.051			3.955 M					
7.400	482.267			3.520 M					
7.450	485.467			3.059 M					
7.500	488.667			2.773 M					
7.522	490.051			2.680 M					
7.550	491.867			2.602 M					
7.600	495.067			2.531 M					
7.636	497.391			2.596 M					
7.650	498.267			2.584 M					
7.678	500.051			2.650 M					
7.700	501.467			2.703 M					
7.750	504.667			2.932 M					
7.800	507.867			3.357 M					
7.839	510.359			4.021 M					
7.850	511.067			4.146 M					
7.900	514.267			5.789 M					
7.942	516.924			9.439 M					
7.950	517.467			10.000					
7.958	517.948			10.000					
8.000	520.667			10.000					
8.000	520.667			10.000					
8.375	520.917			10.000					

----- GIRDER 3 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
 T = 20th POINT C = CONTRAFLEXURE(0 MOMENT OR 0 SHEAR)
 H = HINGE G = GIRDER OR SLAB DIMENSION CHANGE
 S = FIELD SPLICE P = TRACE POINT
 F = FLOORBEAM (BRACED) M = PANEL MIDPOINT

* * * INPUT DATA SUMMARY - GIRDER 3 * * *

SPAN	DIST	CODES	THICK	WIDTH	THICK	WIDTH	DEPTH	THICK	WIDTH	WIDTH
FRAC	(ft)	B H T C G S D F P M	t	w	t	w	d	t	Wg	We
			(in)	(in)	(in)	(in)	(in)	(in)	(in)	(in)
0.000	0.000	T	0.7940	11.945	0.7940	11.945	33.962	0.5980	0.00	0.00
1.000	0.667	B D	0.7940	11.945	0.7940	11.945	33.962	0.5980	56.43	56.43
1.000	0.667	B G D	0.7940	11.945	0.7940	11.945	33.962	0.5980	56.47	56.47
1.000	0.675	C	0.7940	11.945	0.7940	11.945	33.962	0.5980	56.68	56.68
1.000	0.675	C	0.7940	11.945	0.7940	11.945	33.962	0.5980	56.68	56.68
1.049	3.385		0.7940	11.945	0.7940	11.945	33.962	0.5980	121.48	121.48
1.049	3.385	G	0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.050	3.467	T	0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.100	6.267	T	0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.109	6.770		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.127	7.794		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.143	8.666	M	0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.150	9.067	T	0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.200	11.867	T	0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.250	14.667	T	0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.286	16.666	D	0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00

----- GIRDER 3 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
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 S = FIELD SPLICE P = TRACE POINT
 F = FLOORBEAM (BRACED) M = PANEL MIDPOINT

* * * INPUT DATA SUMMARY - GIRDER 3 * * *

SPAN FRAC	DIST (ft)	CODES										TOP FLANGE		BOT FLANGE		WEB		SLAB	
		B	H	T	C	G	S	D	F	P	M	THICK	WIDTH	THICK	WIDTH	DEPTH	THICK	WIDTH	WIDTH
												t (in)	w (in)	t (in)	w (in)	d (in)	t (in)	Wg (in)	We (in)
1.300	17.467			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.343	19.881				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.350	20.267			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.400	23.067			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.450	25.867			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.464	26.666									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.500	28.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.550	31.467			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.600	34.267			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.643	36.666											0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.650	37.067			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.690	39.308				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.700	39.867			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.750	42.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.800	45.467			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.821	46.666									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.850	48.267			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.893	50.667					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
1.893	50.667					G						1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
1.900	51.067			T								1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
1.950	53.867			T								1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.000	56.667	B		T						D		1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.000	56.667	B		T						D		1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.050	60.667			T								1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.075	62.667					G						1.3580	11.589	1.3580	11.589	33.962	0.5980	81.00	81.00
2.075	62.667					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.100	64.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.125	66.666									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.150	68.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.200	72.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.201	72.735				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.250	76.666			T						D		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.300	80.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.350	84.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.375	86.666									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.400	88.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.450	92.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.483	95.315				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.500	96.666			T						D		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.550	100.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.600	104.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.625	106.666									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.650	108.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.700	112.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.750	116.666			T						D		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.765	117.868				C							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.800	120.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.850	124.667			T								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.875	126.666									M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.888	127.667					G						0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
2.888	127.667					G						1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
2.900	128.667			T								1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
2.950	132.667			T								1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.000	136.667	B		T						D		1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00

----- GIRDER 3 INPUT DATA SUMMARY -----

CODES: B = BEARING D = DIAPHRAGM (BRACED)
 T = 20th POINT C = CONTRAFLEXURE(0 MOMENT OR 0 SHEAR)
 H = HINGE G = GIRDER OR SLAB DIMENSION CHANGE
 S = FIELD SPLICE P = TRACE POINT
 F = FLOORBEAM (BRACED) M = PANEL MIDPOINT

* * * INPUT DATA SUMMARY - GIRDER 3 * * *

SPAN FRAC	DIST (ft)	CODES											TOP FLANGE		BOT FLANGE		WEB		SLAB	
		B	H	T	C	G	S	D	F	P	M		THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)
3.000	136.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.050	140.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.100	144.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.112	145.667					G							1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.112	145.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.125	146.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.150	148.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.200	152.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.245	156.265				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.250	156.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.300	160.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.350	164.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.375	166.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.400	168.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.450	172.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.500	176.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.504	177.007				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.550	180.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.600	184.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.625	186.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.650	188.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.700	192.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.750	196.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.765	197.838				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.800	200.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.850	204.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.875	206.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.888	207.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
3.888	207.667					G							1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.900	208.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
3.950	212.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
4.000	216.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
4.000	216.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
4.050	220.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
4.100	224.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
4.113	225.667					G							1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
4.113	225.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.125	226.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.150	228.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.200	232.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.232	235.253				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.250	236.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.300	240.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.350	244.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.375	246.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.400	248.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.450	252.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.499	256.602				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.500	256.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.550	260.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.600	264.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.625	266.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.650	268.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.700	272.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.750	276.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00

----- GIRDER 3 INPUT DATA SUMMARY -----

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* * * INPUT DATA SUMMARY - GIRDER 3 * * *

SPAN FRAC	DIST (ft)	CODES											TOP FLANGE		BOT FLANGE		WEB		SLAB	
		B	H	T	C	G	S	D	F	P	M		THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)
4.765	277.863				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.800	280.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.850	284.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.875	286.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.888	287.667				G								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
4.888	287.667				G								1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
4.900	288.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
4.950	292.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
5.000	296.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
5.000	296.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
5.050	300.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
5.100	304.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
5.113	305.667				G								1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
5.113	305.667				G								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.125	306.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.150	308.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.200	312.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.236	315.560				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.250	316.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.300	320.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.350	324.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.375	326.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.400	328.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.450	332.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.500	336.666			T	C			D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.550	340.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.600	344.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.625	346.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.650	348.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.700	352.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.750	356.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.764	357.791				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.800	360.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.850	364.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.875	366.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.888	367.667				G								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
5.888	367.667				G								1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
5.900	368.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
5.950	372.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
6.000	376.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
6.000	376.667	B		T				D					1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
6.050	380.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
6.100	384.667			T									1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
6.112	385.667				G								1.7150	11.363	1.7150	11.363	33.962	0.5980	81.00	81.00
6.112	385.667				G								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.125	386.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.150	388.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.200	392.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.235	395.447				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.250	396.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.300	400.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.350	404.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.375	406.666										M		0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.400	408.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00

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* * * INPUT DATA SUMMARY - GIRDER 3 * * *

SPAN FRAC	DIST (ft)	CODES											TOP FLANGE		BOT FLANGE		WEB		SLAB	
		B	H	T	C	G	S	D	F	P	M		THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)
6.450	412.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.500	416.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.501	416.709				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.550	420.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.600	424.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.625	426.666									M			0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.650	428.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.700	432.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.750	436.666			T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.767	438.066				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.800	440.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.850	444.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.875	446.666									M			0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.900	448.667			T		G							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
6.900	448.667			T		G							1.5950	11.433	1.5950	11.433	33.962	0.5980	81.00	81.00
6.950	452.667			T									1.5950	11.433	1.5950	11.433	33.962	0.5980	81.00	81.00
7.000	456.667	B		T				D					1.5950	11.433	1.5950	11.433	33.962	0.5980	81.00	81.00
7.000	456.667	B		T				D					1.5950	11.433	1.5950	11.433	33.962	0.5980	81.00	81.00
7.050	459.867			T									1.5950	11.433	1.5950	11.433	33.962	0.5980	81.00	81.00
7.100	463.067			T									1.5950	11.433	1.5950	11.433	33.962	0.5980	81.00	81.00
7.125	464.667					G							1.5950	11.433	1.5950	11.433	33.962	0.5980	81.00	81.00
7.125	464.667					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.150	466.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.156	466.666									M			0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.200	469.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.250	472.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.280	474.589				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.300	475.867			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.312	476.666							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.350	479.067			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.400	482.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.450	485.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.469	486.666									M			0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.500	488.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.550	491.867			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.600	495.067			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.625	496.666							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.643	497.792				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.650	498.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.664	499.166									M			0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.700	501.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.703	501.666							D					0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.750	504.667			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.800	507.867			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.850	511.067			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.852	511.166									M			0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.889	513.539												0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.900	514.267			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.905	514.563												0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.950	517.467			T									0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.958	517.948												0.7940	11.945	0.7940	11.945	33.962	0.5980	81.00	81.00
7.958	517.948					G							0.7940	11.945	0.7940	11.945	33.962	0.5980	121.48	121.48
8.000	520.658				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	56.69	56.69
8.000	520.658				C								0.7940	11.945	0.7940	11.945	33.962	0.5980	56.69	56.69
8.000	520.667	B		T				D					0.7940	11.945	0.7940	11.945	33.962	0.5980	56.47	56.47

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*** INPUT DATA SUMMARY - GIRDER 3 ***

		CODES										TOP FLANGE		BOT FLANGE		WEB		SLAB	
SPAN FRAC	DIST (ft)	B	H	T	C	G	S	D	F	P	M	THICK t (in)	WIDTH w (in)	THICK t (in)	WIDTH w (in)	DEPTH d (in)	THICK t (in)	WIDTH Wg (in)	WIDTH We (in)
8.000	520.667	B		T		G		D				0.7940	11.945	0.7940	11.945	33.962	0.5980	56.43	56.43
9.000	521.333											0.7940	11.945	0.7940	11.945	33.962	0.5980	0.00	0.00

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 *** UNFACTORED MOMENT SUMMARY (Based on Input Section) ***
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	0	0	0	0	0	0	-1		
0.625	0	0	0	0	-9	0	0	-9	0	-12		
1.000	0	0	0	0	-14	0	0	-14	0	-19		
1.000	0	0	0	1	-14	0	0	-14	1	-19		
1.000	0	0	0	1	-14	0	0	-14	1	-19		
1.049	39	12	6	92	-11	24	-5	0	146	-20		
1.050	40	12	6	92	-11	25	-6	0	148	-20		
1.100	74	23	11	161	-21	46	-11	0	261	-39		
1.109	79	24	12	174	-23	49	-12	0	281	-42		
1.127	90	27	14	195	-26	56	-14	0	316	-49		
1.143	98	30	15	199	-30	62	-16	0	327	-55		
1.150	101	31	15	202	-31	64	-16	0	333	-58		
1.200	123	37	19	237	-42	79	-22	0	393	-77		
1.250	138	42	21	267	-52	91	-27	0	446	-97		
1.286	145	44	22	292	-60	98	-31	0	486	-111		
1.300	147	45	22	291	-63	100	-33	0	488	-116		
1.343	149	45	22	303	-72	107	-38	0	510	-134		
1.350	149	45	22	297	-74	108	-39	0	503	-137		
1.400	145	44	22	307	-85	113	-44	0	522	-158		
1.450	135	41	20	310	-97	115	-50	0	527	-179		
1.464	131	40	19	317	-100	115	-52	0	537	-185		
1.500	119	36	17	298	-109	114	-56	0	511	-201		
1.550	96	29	14	285	-121	110	-63	0	490	-224		
1.600	68	20	10	260	-134	104	-69	0	449	-248		
1.643	38	11	5	248	-146	96	-75	0	426	-269		
1.650	33	9	4	240	-148	95	-76	0	414	-273		
1.690	0	-1	-1	217	-161	87	-83	-171	375	-297		
1.700	-9	-4	-2	209	-165	85	-84	-174	362	-303		
1.750	-57	-18	-9	184	-182	72	-93	-190	316	-335		
1.800	-110	-35	-17	144	-200	58	-104	-212	250	-370		
1.821	-135	-42	-21	133	-208	52	-110	-221	230	-386		
1.850	-171	-53	-26	106	-219	46	-120	-245	187	-411		
1.893	-227	-71	-35	73	-234	38	-139	-281	136	-461		
1.900	-237	-74	-36	70	-237	37	-143	-288	131	-473		
1.950	-310	-96	-47	62	-257	34	-173	-338	116	-560		
2.000	-389	-120	-59	65	-276	34	-212	-396	121	-664		
2.000	-389	-120	-59	65	-279	34	-212	-395	121	-663		
2.050	-272	-84	-41	51	-192	30	-153	-324	98	-526		
2.075	-219	-68	-33	60	-170	30	-129	-289	111	-462		
2.100	-169	-52	-26	88	-160	32	-108	-256	149	-404		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued)

MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
2.125	-123	-38	-19	118	-149	36	-90	-226	193	-351		
2.150	-79	-24	-12	139	-139	40	-75	-197	225	-303		
2.200	-1	0	0	183	-119	52	-53	-142	295	-218		
2.201	0	0	0	183	-118	52	-53	-141	295	-216		
2.250	64	20	10	226	-100	67	-39	0	367	-173		
2.300	116	36	18	256	-87	89	-39	0	430	-156		
2.350	156	49	24	291	-75	108	-42	0	496	-142		
2.375	171	53	26	317	-69	117	-43	0	538	-136		
2.400	183	57	28	325	-64	123	-45	0	555	-130		
2.450	198	62	30	325	-57	130	-49	0	563	-124		
2.483	201	62	31	323	-65	133	-51	0	563	-137		
2.500	200	62	31	338	-69	134	-52	0	584	-144		
2.550	189	59	29	327	-83	135	-56	0	570	-166		
2.600	166	52	25	318	-98	131	-60	0	554	-191		
2.625	150	47	23	317	-106	128	-62	0	550	-203		
2.650	130	41	20	297	-114	122	-65	0	517	-217		
2.700	82	25	13	260	-131	107	-70	0	454	-244		
2.750	21	6	3	228	-149	89	-78	0	392	-277		
2.765	0	0	0	216	-156	85	-82	-169	371	-290		
2.800	-53	-17	-8	187	-173	74	-95	-196	323	-325		
2.850	-140	-43	-21	142	-198	60	-120	-255	250	-413		
2.875	-188	-58	-29	118	-211	54	-135	-291	211	-470		
2.888	-213	-66	-32	105	-217	52	-145	-310	191	-501		
2.900	-239	-74	-36	93	-225	50	-154	-329	174	-533		
2.950	-352	-109	-53	60	-251	46	-202	-409	126	-671		
3.000	-478	-148	-72	64	-292	48	-262	-496	134	-830		
3.000	-478	-148	-72	65	-291	48	-262	-496	134	-829		
3.050	-355	-110	-54	50	-250	44	-200	-409	111	-670		
3.100	-245	-76	-37	92	-223	45	-151	-328	167	-529		
3.112	-220	-68	-34	106	-215	47	-141	-309	188	-497		
3.125	-195	-61	-30	121	-209	49	-131	-291	210	-467		
3.150	-148	-46	-23	142	-196	53	-115	-255	241	-409		
3.200	-65	-20	-10	184	-172	64	-89	-195	309	-318		
3.245	0	0	0	218	-151	76	-72	-155	365	-273		
3.250	7	2	1	227	-148	78	-72	0	380	-269		
3.300	65	20	10	258	-131	100	-68	0	443	-242		
3.350	110	34	17	293	-114	118	-67	0	508	-219		
3.375	128	39	19	318	-105	125	-67	0	549	-207		
3.400	143	44	22	316	-97	131	-67	0	551	-197		
3.450	163	50	25	328	-83	138	-68	0	574	-178		
3.500	171	53	26	340	-72	140	-68	0	592	-164		
3.504	171	53	26	337	-72	140	-68	0	588	-164		
3.550	166	51	25	329	-83	140	-69	0	577	-180		
3.600	148	46	22	319	-98	135	-70	0	559	-201		
3.625	134	41	20	318	-106	131	-71	0	554	-212		
3.650	117	36	18	297	-114	124	-71	0	520	-224		
3.700	74	23	11	264	-131	108	-73	0	460	-248		
3.750	19	6	3	227	-149	89	-78	0	391	-276		
3.765	0	0	0	216	-156	84	-82	-168	371	-289		
3.800	-50	-15	-8	187	-173	76	-95	-196	325	-325		
3.850	-131	-41	-20	142	-198	65	-121	-256	254	-415		
3.875	-177	-55	-27	118	-211	60	-137	-291	217	-472		
3.888	-200	-62	-30	104	-217	59	-147	-311	197	-504		
3.900	-225	-70	-34	93	-224	58	-157	-330	181	-536		
3.950	-332	-103	-50	60	-251	57	-205	-410	136	-676		
4.000	-453	-140	-68	68	-293	62	-267	-497	152	-835		
4.000	-453	-140	-68	68	-292	62	-267	-497	152	-835		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued)

MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
4.050	-332	-102	-50	60	-251	56	-205	-410	135	-675		
4.100	-223	-69	-34	91	-224	57	-156	-329	179	-534		
4.113	-199	-61	-30	106	-216	58	-145	-310	200	-502		
4.125	-174	-54	-26	121	-210	60	-136	-292	221	-472		
4.150	-129	-40	-19	145	-197	64	-119	-256	258	-413		
4.200	-46	-14	-7	184	-173	74	-93	-196	319	-323		
4.232	0	0	0	207	-158	82	-80	-168	357	-290		
4.250	23	7	4	227	-149	87	-75	0	390	-274		
4.300	80	25	12	259	-131	108	-71	0	452	-246		
4.350	123	38	19	293	-114	125	-70	0	515	-222		
4.375	141	44	21	319	-106	132	-70	0	556	-211		
4.400	155	48	24	316	-98	137	-70	0	557	-200		
4.450	173	54	26	328	-83	143	-69	0	579	-180		
4.499	180	56	27	339	-72	144	-70	0	596	-165		
4.500	180	56	27	340	-72	144	-70	0	597	-165		
4.550	173	53	26	329	-83	143	-70	0	581	-180		
4.600	153	47	23	319	-98	137	-70	0	561	-201		
4.625	139	43	21	318	-106	132	-70	0	556	-212		
4.650	121	38	18	297	-114	125	-71	0	521	-223		
4.700	77	24	12	263	-131	108	-73	0	458	-247		
4.750	20	6	3	228	-149	87	-77	0	390	-275		
4.765	0	0	0	215	-156	83	-80	-166	369	-288		
4.800	-51	-16	-8	187	-173	74	-94	-196	323	-324		
4.850	-133	-41	-20	142	-198	64	-121	-256	253	-415		
4.875	-180	-56	-27	118	-211	59	-137	-291	216	-472		
4.888	-204	-63	-31	104	-217	58	-147	-311	196	-504		
4.900	-229	-71	-35	93	-224	57	-157	-330	181	-536		
4.950	-338	-104	-51	60	-251	56	-207	-410	135	-677		
5.000	-460	-142	-70	68	-293	61	-269	-497	152	-837		
5.000	-460	-142	-70	68	-292	61	-269	-497	152	-837		
5.050	-338	-105	-51	60	-251	56	-207	-410	136	-677		
5.100	-230	-71	-35	92	-224	57	-158	-329	179	-536		
5.113	-205	-63	-31	106	-217	59	-148	-310	200	-504		
5.125	-180	-56	-27	121	-210	60	-138	-292	222	-474		
5.150	-134	-42	-20	143	-197	65	-122	-256	255	-416		
5.200	-52	-16	-8	184	-173	75	-95	-196	320	-326		
5.236	0	0	0	210	-156	84	-82	-168	363	-289		
5.250	18	5	3	227	-150	88	-78	0	391	-277		
5.300	75	23	11	259	-131	108	-74	0	452	-248		
5.350	119	37	18	293	-114	125	-71	0	515	-224		
5.375	137	42	21	319	-106	132	-71	0	555	-212		
5.400	151	47	23	316	-98	136	-70	0	557	-201		
5.450	170	53	26	328	-83	141	-69	0	578	-180		
5.500	176	55	27	340	-72	142	-69	0	595	-164		
5.550	170	53	26	329	-83	140	-68	0	578	-178		
5.600	151	47	23	319	-98	134	-68	0	558	-198		
5.625	137	42	21	318	-106	129	-68	0	552	-209		
5.650	119	37	18	297	-114	122	-68	0	517	-220		
5.700	75	23	11	264	-131	104	-69	0	455	-243		
5.750	18	6	3	227	-149	83	-72	0	385	-270		
5.764	0	0	0	216	-155	78	-75	-160	365	-282		
5.800	-52	-16	-8	187	-172	69	-89	-195	318	-318		
5.850	-134	-41	-20	142	-198	58	-115	-256	247	-410		
5.875	-180	-56	-27	118	-210	54	-132	-291	210	-467		
5.888	-204	-63	-31	104	-217	52	-141	-310	191	-499		
5.900	-229	-71	-35	93	-224	51	-152	-329	175	-531		
5.950	-338	-104	-51	54	-250	50	-201	-410	122	-671		
6.000	-460	-142	-70	65	-293	55	-263	-497	141	-831		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued)

MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
6.000	-460	-142	-70	65	-291	55	-263	-497	141	-831		
6.050	-337	-104	-51	60	-252	52	-202	-410	132	-672		
6.100	-229	-71	-35	92	-224	54	-155	-329	176	-533		
6.112	-203	-63	-31	106	-217	56	-145	-310	197	-501		
6.125	-179	-55	-27	121	-210	58	-135	-292	219	-472		
6.150	-133	-41	-20	144	-198	63	-120	-256	255	-414		
6.200	-50	-16	-8	184	-173	75	-95	-196	320	-325		
6.235	0	0	0	209	-157	84	-82	-169	362	-291		
6.250	20	6	3	227	-150	89	-78	0	392	-277		
6.300	77	24	12	259	-131	107	-72	0	451	-247		
6.350	122	38	19	293	-114	122	-68	0	512	-220		
6.375	139	43	21	318	-106	128	-66	0	552	-207		
6.400	154	47	23	316	-98	132	-65	0	552	-196		
6.450	173	53	26	328	-83	136	-63	0	572	-173		
6.500	180	55	27	340	-70	135	-60	0	587	-153		
6.501	180	55	27	339	-70	135	-60	0	586	-153		
6.550	173	54	26	329	-71	131	-58	0	569	-153		
6.600	155	48	24	319	-85	123	-56	0	547	-169		
6.625	141	43	21	318	-92	118	-55	0	541	-177		
6.650	123	38	19	297	-99	110	-55	0	505	-187		
6.700	79	24	12	260	-115	91	-54	0	437	-206		
6.750	23	7	3	227	-131	68	-55	0	370	-230		
6.767	0	0	0	211	-139	62	-59	-144	342	-244		
6.800	-47	-15	-7	185	-154	52	-71	-177	299	-275		
6.850	-129	-40	-20	141	-176	41	-95	-234	229	-366		
6.875	-175	-54	-27	116	-187	36	-111	-268	190	-420		
6.900	-224	-70	-34	92	-200	32	-130	-302	154	-479		
6.950	-332	-103	-50	51	-226	30	-178	-378	98	-612		
7.000	-453	-140	-69	65	-279	33	-238	-459	120	-763		
7.000	-453	-140	-69	65	-277	33	-238	-459	120	-764		
7.050	-353	-109	-54	61	-255	34	-192	-388	115	-637		
7.100	-261	-81	-40	75	-234	38	-154	-324	138	-526		
7.125	-219	-68	-33	94	-223	42	-138	-294	167	-476		
7.150	-178	-55	-27	118	-213	48	-125	-265	204	-430		
7.156	-168	-52	-26	125	-210	49	-122	-259	215	-419		
7.200	-103	-32	-16	161	-194	61	-105	-212	274	-363		
7.250	-36	-11	-6	195	-175	76	-90	-190	336	-324		
7.280	0	0	0	210	-164	85	-84	-178	364	-303		
7.300	23	7	3	229	-157	92	-81	0	397	-289		
7.312	36	11	5	240	-153	95	-78	0	413	-281		
7.350	74	23	11	268	-142	107	-73	0	463	-263		
7.400	118	36	18	300	-129	119	-67	0	518	-238		
7.450	154	47	23	325	-117	128	-60	0	560	-215		
7.469	166	51	25	335	-112	130	-58	0	576	-207		
7.500	182	56	27	342	-104	133	-54	0	588	-193		
7.550	202	62	30	353	-93	136	-48	0	605	-172		
7.600	214	65	32	357	-82	135	-43	0	610	-152		
7.625	217	66	32	359	-77	134	-40	0	611	-142		
7.643	217	66	32	356	-73	132	-38	0	605	-136		
7.650	217	66	32	350	-72	130	-37	0	596	-133		
7.664	217	66	32	337	-69	128	-36	0	577	-127		
7.700	212	64	32	345	-62	124	-32	0	582	-114		
7.703	212	64	32	345	-61	123	-32	0	583	-113		
7.750	197	60	29	320	-51	112	-27	0	538	-95		
7.800	174	53	26	290	-41	97	-21	0	482	-75		
7.850	143	43	21	247	-30	78	-16	0	406	-56		
7.852	141	43	21	244	-30	77	-16	0	402	-56		
7.889	113	34	17	204	-23	61	-12	0	331	-42		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
7.900	103	31	16	189	-20	56	-11	0	307	-37		
7.905	99	30	15	183	-19	54	-10	0	297	-36		
7.950	56	17	8	107	-11	30	-5	0	172	-20		
7.958	48	14	7	91	-10	25	-4	0	146	-18		
8.000	0	0	0	1	-9	0	-1	-9	2	-12		
8.000	0	0	0	1	-9	0	-1	-9	1	-13		
8.000	0	0	0	0	-8	0	0	-8	0	-10		
8.375	0	0	0	0	-5	0	0	-5	0	-6		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
0.000	0	0	0								0	0
0.625	0	0	0								0	-7
1.000	0	0	0								0	-12
1.000	0	0	0								0	-12
1.000	0	0	0								0	-12
1.049	39	12	6								51	-9
1.050	40	12	6								52	-9
1.100	74	23	11								86	-9
1.109	79	24	12								92	-10
1.127	90	27	14								102	-12
1.143	98	30	15								100	-13
1.150	101	31	15								100	-14
1.200	123	37	19								113	-18
1.250	138	42	21								124	-23
1.286	145	44	22								137	-26
1.300	147	45	22								132	-27
1.343	149	45	22								138	-31
1.350	149	45	22								135	-31
1.400	145	44	22								137	-36
1.450	135	41	20								138	-41
1.464	131	40	19								143	-43
1.500	119	36	17								130	-47
1.550	96	29	14								127	-52
1.600	68	20	10								116	-58
1.643	38	11	5								116	-63
1.650	33	9	4								112	-64
1.690	0	-1	-1								104	-70
1.700	-9	-4	-2								99	-72
1.750	-57	-18	-9								92	-80
1.800	-110	-35	-17								73	-89
1.821	-135	-42	-21								71	-93
1.850	-171	-53	-26								56	-98
1.893	-227	-71	-35								45	-110
1.900	-237	-74	-36								40	-112
1.950	-310	-96	-47								27	-123
2.000	-389	-120	-59								28	-151
2.000	-389	-120	-59								28	-151

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
2.050	-272	-84	-41								27	-100
2.075	-219	-68	-33								39	-79
2.100	-169	-52	-26								48	-66
2.125	-123	-38	-19								69	-60
2.150	-79	-24	-12								69	-55
2.200	-1	0	0								87	-45
2.201	0	0	0								87	-45
2.250	64	20	10								107	-37
2.300	116	36	18								120	-32
2.350	156	49	24								135	-27
2.375	171	53	26								150	-25
2.400	183	57	28								153	-23
2.450	198	62	30								145	-24
2.483	201	62	31								142	-27
2.500	200	62	31								152	-29
2.550	189	59	29								146	-35
2.600	166	52	25								144	-41
2.625	150	47	23								150	-44
2.650	130	41	20								136	-48
2.700	82	25	13								120	-56
2.750	21	6	3								107	-64
2.765	0	0	0								104	-68
2.800	-53	-17	-8								94	-76
2.850	-140	-43	-21								70	-88
2.875	-188	-58	-29								63	-95
2.888	-213	-66	-32								50	-98
2.900	-239	-74	-36								53	-105
2.950	-352	-109	-53								28	-120
3.000	-478	-148	-72								28	-160
3.000	-478	-148	-72								28	-160
3.050	-355	-110	-54								28	-120
3.100	-245	-76	-37								51	-103
3.112	-220	-68	-34								63	-99
3.125	-195	-61	-30								70	-96
3.150	-148	-46	-23								70	-87
3.200	-65	-20	-10								87	-75
3.245	0	0	0								102	-64
3.250	7	2	1								107	-64
3.300	65	20	10								121	-55
3.350	110	34	17								136	-48
3.375	128	39	19								151	-44
3.400	143	44	22								144	-41
3.450	163	50	25								147	-34
3.500	171	53	26								152	-29
3.504	171	53	26								150	-30
3.550	166	51	25								147	-35
3.600	148	46	22								144	-41
3.625	134	41	20								151	-44
3.650	117	36	18								136	-48
3.700	74	23	11								120	-56
3.750	19	6	3								107	-64
3.765	0	0	0								103	-67
3.800	-50	-15	-8								94	-76
3.850	-131	-41	-20								70	-88
3.875	-177	-55	-27								63	-95
3.888	-200	-62	-30								50	-98
3.900	-225	-70	-34								53	-105
3.950	-332	-103	-50								28	-120

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
4.000	-453	-140	-68								28	-160
4.000	-453	-140	-68								28	-160
4.050	-332	-102	-50								28	-121
4.100	-223	-69	-34								51	-104
4.113	-199	-61	-30								63	-100
4.125	-174	-54	-26								70	-97
4.150	-129	-40	-19								79	-88
4.200	-46	-14	-7								87	-75
4.232	0	0	0								94	-67
4.250	23	7	4								107	-65
4.300	80	25	12								121	-56
4.350	123	38	19								136	-48
4.375	141	44	21								151	-45
4.400	155	48	24								145	-41
4.450	173	54	26								147	-35
4.499	180	56	27								152	-29
4.500	180	56	27								152	-29
4.550	173	53	26								147	-35
4.600	153	47	23								145	-41
4.625	139	43	21								151	-44
4.650	121	38	18								136	-48
4.700	77	24	12								120	-56
4.750	20	6	3								107	-64
4.765	0	0	0								104	-67
4.800	-51	-16	-8								94	-76
4.850	-133	-41	-20								70	-88
4.875	-180	-56	-27								63	-95
4.888	-204	-63	-31								50	-98
4.900	-229	-71	-35								53	-105
4.950	-338	-104	-51								28	-120
5.000	-460	-142	-70								28	-160
5.000	-460	-142	-70								28	-160
5.050	-338	-105	-51								28	-121
5.100	-230	-71	-35								51	-104
5.113	-205	-63	-31								63	-100
5.125	-180	-56	-27								70	-97
5.150	-134	-42	-20								76	-88
5.200	-52	-16	-8								87	-75
5.236	0	0	0								95	-66
5.250	18	5	3								107	-65
5.300	75	23	11								121	-56
5.350	119	37	18								136	-48
5.375	137	42	21								151	-45
5.400	151	47	23								145	-41
5.450	170	53	26								147	-35
5.500	176	55	27								152	-29
5.550	170	53	26								147	-35
5.600	151	47	23								145	-41
5.625	137	42	21								151	-44
5.650	119	37	18								136	-48
5.700	75	23	11								120	-56
5.750	18	6	3								107	-64
5.764	0	0	0								103	-67
5.800	-52	-16	-8								94	-76
5.850	-134	-41	-20								70	-88
5.875	-180	-56	-27								63	-95
5.888	-204	-63	-31								50	-98

UNFACTORED MOMENT SUMMARY												
GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *												
LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.												
LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).												
LANE POSITION: ONE LANE WITH IMPACT												
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
5.900	-229	-71	-35								53	-105
5.950	-338	-104	-51								28	-120
6.000	-460	-142	-70								28	-160
6.000	-460	-142	-70								28	-160
6.050	-337	-104	-51								28	-121
6.100	-229	-71	-35								51	-104
6.112	-203	-63	-31								63	-100
6.125	-179	-55	-27								70	-97
6.150	-133	-41	-20								77	-88
6.200	-50	-16	-8								87	-75
6.235	0	0	0								94	-67
6.250	20	6	3								107	-65
6.300	77	24	12								121	-56
6.350	122	38	19								136	-48
6.375	139	43	21								151	-45
6.400	154	47	23								144	-41
6.450	173	53	26								146	-35
6.500	180	55	27								152	-29
6.501	180	55	27								152	-29
6.550	173	54	26								147	-28
6.600	155	48	24								144	-32
6.625	141	43	21								151	-35
6.650	123	38	19								136	-39
6.700	79	24	12								120	-45
6.750	23	7	3								107	-52
6.767	0	0	0								102	-55
6.800	-47	-15	-7								88	-63
6.850	-129	-40	-20								70	-75
6.875	-175	-54	-27								63	-81
6.900	-224	-70	-34								52	-88
6.950	-332	-103	-50								29	-108
7.000	-453	-140	-69								28	-157
7.000	-453	-140	-69								28	-157
7.050	-353	-109	-54								26	-123
7.100	-261	-81	-40								48	-109
7.125	-219	-68	-33								51	-103
7.150	-178	-55	-27								67	-98
7.156	-168	-52	-26								71	-96
7.200	-103	-32	-16								83	-86
7.250	-36	-11	-6								97	-77
7.280	0	0	0								98	-70
7.300	23	7	3								107	-67
7.312	36	11	5								113	-65
7.350	74	23	11								125	-60
7.400	118	36	18								138	-54
7.450	154	47	23								148	-49
7.469	166	51	25								153	-47
7.500	182	56	27								153	-44
7.550	202	62	30								160	-39
7.600	214	65	32								164	-34
7.625	217	66	32								167	-32
7.643	217	66	32								164	-31
7.650	217	66	32								161	-30
7.664	217	66	32								154	-29
7.700	212	64	32								164	-26
7.703	212	64	32								166	-26
7.750	197	60	29								155	-22

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued) MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
7.800		174	53	26							141	-18
7.850		143	43	21							125	-13
7.852		141	43	21							123	-13
7.889		113	34	17							107	-10
7.900		103	31	16							101	-9
7.905		99	30	15							98	-9
7.950		56	17	8							60	-5
7.958		48	14	7							51	-5
8.000		0	0	0							0	-7
8.000		0	0	0							0	-7
8.000		0	0	0							0	-6
8.375		0	0	0							0	-4
9.000		0	0	0							0	0

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
0.000	0	0	0	0	0	0	0	0	0	-1		
0.625	0	0	0	0	-6	0	0	-6	0	-8		
1.000	0	0	0	0	-9	0	0	-10	0	-12		
1.000	0	0	0	1	-9	0	0	-10	1	-12		
1.049	39	12	6	93	-12	0	0	0	124	-16		
1.050	40	12	6	94	-13	0	0	0	125	-17		
1.100	74	23	11	162	-25	0	0	0	215	-34		
1.109	79	24	12	175	-27	0	0	0	232	-36		
1.127	90	27	14	195	-32	0	0	0	260	-43		
1.143	98	30	15	209	-36	0	0	0	278	-48		
1.150	101	31	15	216	-38	0	0	0	288	-50		
1.200	123	37	19	257	-51	0	0	0	341	-67		
1.250	138	42	21	286	-63	0	0	0	380	-84		
1.286	145	44	22	302	-73	0	0	0	402	-97		
1.300	147	45	22	304	-76	0	0	0	404	-102		
1.343	149	45	22	314	-88	0	0	0	418	-117		
1.350	149	45	22	313	-90	0	0	0	416	-120		
1.400	145	44	22	314	-104	0	0	0	418	-138		
1.450	135	41	20	308	-118	0	0	0	409	-157		
1.464	131	40	19	310	-122	0	0	0	413	-162		
1.500	119	36	17	302	-132	0	0	0	401	-176		
1.550	96	29	14	287	-147	0	0	0	382	-196		
1.600	68	20	10	270	-163	0	0	0	359	-216		
1.643	38	11	5	253	-176	0	0	0	336	-234		
1.650	33	9	4	248	-179	0	0	0	329	-238		
1.690	0	-1	-1	224	-195	0	0	-217	297	-260		
1.700	-9	-4	-2	215	-199	0	0	-221	286	-265		
1.750	-57	-18	-9	178	-220	0	0	-243	237	-292		
1.800	-110	-35	-17	133	-241	0	0	-274	177	-328		
1.821	-135	-42	-21	117	-251	0	0	-289	155	-345		
1.850	-171	-53	-26	94	-264	0	0	-318	125	-381		
1.893	-227	-71	-35	73	-284	0	0	-389	97	-466		
1.900	-237	-74	-36	72	-288	0	0	-402	95	-481		

----- UNFACTORED MOMENT SUMMARY -----													
GIRDER: 3			* * * UNFACTORED MOMENT SUMMARY (Continued) * * *										
LL TEMPLATE NUMBER: 3			Note: Impact NOT Included, except for COMBINED.										
LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).													
LANE POSITION: MULTIPLE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
1.950		-310	-96	-47	76	-311	0	0	-494	101	-591		
2.000		-389	-120	-59	80	-336	0	0	-594	106	-711		
2.000		-389	-120	-59	80	-337	0	0	-594	106	-711		
2.050		-272	-84	-41	63	-220	0	0	-460	83	-551		
2.075		-219	-68	-33	56	-184	0	0	-396	74	-474		
2.100		-169	-52	-26	74	-172	0	0	-333	98	-398		
2.125		-123	-38	-19	105	-160	0	0	-283	140	-338		
2.150		-79	-24	-12	125	-149	0	0	-221	167	-265		
2.200		-1	0	0	169	-129	0	0	-169	225	-203		
2.201		0	0	0	169	-128	0	0	-169	225	-202		
2.250		64	20	10	225	-109	0	0	0	300	-145		
2.300		116	36	18	274	-94	0	0	0	364	-126		
2.350		156	49	24	312	-81	0	0	0	415	-108		
2.375		171	53	26	332	-75	0	0	0	441	-100		
2.400		183	57	28	341	-69	0	0	0	454	-92		
2.450		198	62	30	346	-68	0	0	0	461	-90		
2.483		201	62	31	349	-78	0	0	0	464	-104		
2.500		200	62	31	351	-84	0	0	0	467	-111		
2.550		189	59	29	348	-101	0	0	0	463	-135		
2.600		166	52	25	337	-120	0	0	0	448	-160		
2.625		150	47	23	332	-130	0	0	0	442	-173		
2.650		130	41	20	315	-140	0	0	0	419	-186		
2.700		82	25	13	274	-161	0	0	0	365	-214		
2.750		21	6	3	226	-181	0	0	0	301	-241		
2.765		0	0	0	211	-189	0	0	-217	281	-260		
2.800		-53	-17	-8	175	-209	0	0	-259	233	-310		
2.850		-140	-43	-21	128	-238	0	0	-318	170	-380		
2.875		-188	-58	-29	105	-254	0	0	-356	140	-426		
2.888		-213	-66	-32	88	-262	0	0	-388	117	-465		
2.900		-239	-74	-36	84	-270	0	0	-431	112	-516		
2.950		-352	-109	-53	73	-304	0	0	-579	98	-694		
3.000		-478	-148	-72	79	-352	0	0	-735	105	-880		
3.000		-478	-148	-72	79	-353	0	0	-735	105	-880		
3.050		-355	-110	-54	61	-300	0	0	-578	81	-692		
3.100		-245	-76	-37	77	-268	0	0	-426	103	-510		
3.112		-220	-68	-34	94	-259	0	0	-392	125	-469		
3.125		-195	-61	-30	109	-252	0	0	-372	144	-445		
3.150		-148	-46	-23	128	-237	0	0	-318	170	-381		
3.200		-65	-20	-10	171	-207	0	0	-257	227	-308		
3.245		0	0	0	219	-182	0	0	-207	292	-247		
3.250		7	2	1	227	-179	0	0	0	302	-238		
3.300		65	20	10	276	-158	0	0	0	366	-210		
3.350		110	34	17	314	-137	0	0	0	418	-183		
3.375		128	39	19	334	-128	0	0	0	444	-170		
3.400		143	44	22	338	-119	0	0	0	450	-158		
3.450		163	50	25	349	-100	0	0	0	464	-134		
3.500		171	53	26	353	-87	0	0	0	470	-116		
3.504		171	53	26	353	-87	0	0	0	469	-116		
3.550		166	51	25	350	-102	0	0	0	465	-135		
3.600		148	46	22	339	-120	0	0	0	451	-160		
3.625		134	41	20	334	-130	0	0	0	444	-173		
3.650		117	36	18	316	-140	0	0	0	420	-186		
3.700		74	23	11	277	-161	0	0	0	368	-214		
3.750		19	6	3	227	-181	0	0	0	302	-241		
3.765		0	0	0	211	-189	0	0	-217	281	-260		
3.800		-50	-15	-8	175	-208	0	0	-259	232	-310		
3.850		-131	-41	-20	128	-238	0	0	-318	170	-381		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
3.875	-177	-55	-27	105	-254	0	0	-356	140	-427		
3.888	-200	-62	-30	88	-261	0	0	-389	117	-465		
3.900	-225	-70	-34	84	-270	0	0	-432	111	-517		
3.950	-332	-103	-50	73	-303	0	0	-581	97	-695		
4.000	-453	-140	-68	82	-353	0	0	-737	109	-882		
4.000	-453	-140	-68	82	-354	0	0	-737	109	-882		
4.050	-332	-102	-50	72	-301	0	0	-579	96	-693		
4.100	-223	-69	-34	82	-269	0	0	-427	110	-511		
4.113	-199	-61	-30	94	-261	0	0	-393	125	-470		
4.125	-174	-54	-26	109	-254	0	0	-373	145	-446		
4.150	-129	-40	-19	133	-239	0	0	-320	177	-383		
4.200	-46	-14	-7	171	-209	0	0	-259	227	-310		
4.232	0	0	0	203	-190	0	0	-220	271	-263		
4.250	23	7	4	227	-181	0	0	0	302	-240		
4.300	80	25	12	276	-159	0	0	0	367	-212		
4.350	123	38	19	315	-138	0	0	0	418	-184		
4.375	141	44	21	334	-129	0	0	0	444	-171		
4.400	155	48	24	339	-121	0	0	0	450	-160		
4.450	173	54	26	349	-102	0	0	0	464	-135		
4.499	180	56	27	353	-87	0	0	0	470	-116		
4.500	180	56	27	353	-87	0	0	0	470	-116		
4.550	173	53	26	350	-102	0	0	0	466	-135		
4.600	153	47	23	339	-120	0	0	0	451	-160		
4.625	139	43	21	334	-130	0	0	0	444	-173		
4.650	121	38	18	316	-140	0	0	0	420	-186		
4.700	77	24	12	276	-161	0	0	0	367	-214		
4.750	20	6	3	227	-181	0	0	0	302	-241		
4.765	0	0	0	211	-189	0	0	-217	281	-260		
4.800	-51	-16	-8	175	-208	0	0	-259	232	-310		
4.850	-133	-41	-20	128	-238	0	0	-318	170	-381		
4.875	-180	-56	-27	105	-254	0	0	-356	140	-427		
4.888	-204	-63	-31	88	-261	0	0	-389	116	-465		
4.900	-229	-71	-35	84	-270	0	0	-432	111	-517		
4.950	-338	-104	-51	73	-303	0	0	-581	97	-695		
5.000	-460	-142	-70	82	-353	0	0	-737	109	-882		
5.000	-460	-142	-70	82	-354	0	0	-737	110	-882		
5.050	-338	-105	-51	73	-301	0	0	-579	97	-694		
5.100	-230	-71	-35	83	-270	0	0	-427	110	-512		
5.113	-205	-63	-31	94	-261	0	0	-393	125	-471		
5.125	-180	-56	-27	109	-254	0	0	-373	145	-446		
5.150	-134	-42	-20	132	-239	0	0	-320	175	-383		
5.200	-52	-16	-8	171	-209	0	0	-259	227	-310		
5.236	0	0	0	207	-188	0	0	-216	276	-258		
5.250	18	5	3	227	-181	0	0	0	302	-240		
5.300	75	23	11	276	-159	0	0	0	367	-212		
5.350	119	37	18	315	-139	0	0	0	418	-184		
5.375	137	42	21	334	-129	0	0	0	444	-171		
5.400	151	47	23	338	-121	0	0	0	450	-161		
5.450	170	53	26	349	-102	0	0	0	464	-135		
5.500	176	55	27	353	-87	0	0	0	470	-116		
5.550	170	53	26	350	-101	0	0	0	466	-135		
5.600	151	47	23	339	-120	0	0	0	451	-160		
5.625	137	42	21	334	-130	0	0	0	444	-172		
5.650	119	37	18	316	-140	0	0	0	420	-186		
5.700	75	23	11	277	-160	0	0	0	368	-213		
5.750	18	6	3	227	-180	0	0	0	301	-240		
5.764	0	0	0	212	-188	0	0	-216	281	-259		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
5.800	-52	-16	-8	175	-208	0	0	-259	232	-309		
5.850	-134	-41	-20	128	-238	0	0	-318	170	-380		
5.875	-180	-56	-27	105	-253	0	0	-356	139	-426		
5.888	-204	-63	-31	88	-261	0	0	-388	116	-465		
5.900	-229	-71	-35	77	-269	0	0	-431	103	-516		
5.950	-338	-104	-51	64	-303	0	0	-581	85	-695		
6.000	-460	-142	-70	78	-353	0	0	-736	104	-881		
6.000	-460	-142	-70	78	-354	0	0	-736	104	-881		
6.050	-337	-104	-51	73	-302	0	0	-579	97	-693		
6.100	-229	-71	-35	83	-270	0	0	-427	110	-511		
6.112	-203	-63	-31	94	-261	0	0	-393	125	-470		
6.125	-179	-55	-27	109	-254	0	0	-373	145	-446		
6.150	-133	-41	-20	132	-239	0	0	-320	176	-383		
6.200	-50	-16	-8	171	-209	0	0	-259	227	-310		
6.235	0	0	0	206	-189	0	0	-217	273	-260		
6.250	20	6	3	227	-181	0	0	0	302	-240		
6.300	77	24	12	276	-159	0	0	0	367	-212		
6.350	122	38	19	314	-139	0	0	0	418	-184		
6.375	139	43	21	334	-129	0	0	0	444	-171		
6.400	154	47	23	338	-121	0	0	0	449	-161		
6.450	173	53	26	348	-102	0	0	0	463	-135		
6.500	180	55	27	353	-85	0	0	0	469	-113		
6.501	180	55	27	353	-85	0	0	0	469	-112		
6.550	173	54	26	349	-83	0	0	0	465	-110		
6.600	155	48	24	338	-98	0	0	0	450	-131		
6.625	141	43	21	334	-107	0	0	0	444	-142		
6.650	123	38	19	316	-116	0	0	0	420	-154		
6.700	79	24	12	275	-133	0	0	0	366	-177		
6.750	23	7	3	227	-152	0	0	0	302	-202		
6.767	0	0	0	207	-161	0	0	-185	275	-222		
6.800	-47	-15	-7	169	-178	0	0	-223	225	-266		
6.850	-129	-40	-20	127	-204	0	0	-278	169	-333		
6.875	-175	-54	-27	104	-216	0	0	-327	138	-391		
6.900	-224	-70	-34	76	-231	0	0	-395	101	-473		
6.950	-332	-103	-50	62	-261	0	0	-534	83	-639		
7.000	-453	-140	-69	78	-346	0	0	-681	104	-815		
7.000	-453	-140	-69	78	-344	0	0	-681	104	-815		
7.050	-353	-109	-54	74	-307	0	0	-556	99	-666		
7.100	-261	-81	-40	74	-282	0	0	-438	99	-524		
7.125	-219	-68	-33	84	-270	0	0	-386	112	-462		
7.150	-178	-55	-27	106	-259	0	0	-337	141	-404		
7.156	-168	-52	-26	112	-255	0	0	-329	149	-394		
7.200	-103	-32	-16	145	-235	0	0	-283	193	-339		
7.250	-36	-11	-6	190	-212	0	0	-236	252	-282		
7.280	0	0	0	215	-198	0	0	-220	286	-264		
7.300	23	7	3	235	-190	0	0	0	313	-252		
7.312	36	11	5	246	-184	0	0	0	327	-245		
7.350	74	23	11	278	-173	0	0	0	369	-230		
7.400	118	36	18	311	-157	0	0	0	413	-209		
7.450	154	47	23	332	-141	0	0	0	442	-188		
7.469	166	51	25	339	-136	0	0	0	452	-181		
7.500	182	56	27	349	-127	0	0	0	464	-168		
7.550	202	62	30	359	-114	0	0	0	477	-151		
7.600	214	65	32	369	-100	0	0	0	490	-133		
7.625	217	66	32	374	-94	0	0	0	497	-125		
7.643	217	66	32	373	-89	0	0	0	496	-118		
7.650	217	66	32	371	-87	0	0	0	493	-116		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE		MAX	MIN
	MOMENT	MOMENT	MOMENT						MAX	MIN		
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
7.664	217	66	32	366	-84	0	0	0	486	-111		
7.700	212	64	32	366	-75	0	0	0	487	-100		
7.703	212	64	32	366	-74	0	0	0	487	-99		
7.750	197	60	29	344	-62	0	0	0	457	-83		
7.800	174	53	26	310	-49	0	0	0	413	-66		
7.850	143	43	21	259	-37	0	0	0	344	-49		
7.852	141	43	21	257	-37	0	0	0	341	-49		
7.889	113	34	17	209	-27	0	0	0	278	-36		
7.900	103	31	16	195	-25	0	0	0	259	-33		
7.905	99	30	15	189	-23	0	0	0	251	-31		
7.950	56	17	8	111	-12	0	0	0	148	-16		
7.958	48	14	7	94	-10	0	0	0	125	-14		
8.000	0	0	0	1	-6	0	0	-7	1	-8		
8.000	0	0	0	1	-6	0	0	-7	1	-8		
8.000	0	0	0	0	-5	0	0	-5	0	-6		
8.375	0	0	0	0	-3	0	0	-3	0	-4		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2 MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE		MAX	MIN
	MOMENT	MOMENT	MOMENT						MAX	MIN		
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
0.000	0	0	0	0	0	0	0	0	0	-1		
0.625	0	0	0	0	-5	0	0	-5	0	-7		
1.000	0	0	0	0	-8	0	0	-9	0	-10		
1.000	0	0	0	1	-8	0	0	-9	1	-10		
1.049	39	12	6	93	-12	0	0	0	124	-16		
1.050	40	12	6	94	-12	0	0	0	126	-17		
1.100	74	23	11	163	-25	0	0	0	217	-33		
1.109	79	24	12	176	-27	0	0	0	235	-36		
1.127	90	27	14	198	-31	0	0	0	263	-42		
1.143	98	30	15	211	-35	0	0	0	281	-47		
1.150	101	31	15	219	-37	0	0	0	291	-49		
1.200	123	37	19	263	-49	0	0	0	349	-66		
1.250	138	42	21	296	-62	0	0	0	393	-82		
1.286	145	44	22	319	-71	0	0	0	424	-94		
1.300	147	45	22	322	-75	0	0	0	428	-99		
1.343	149	45	22	338	-86	0	0	0	450	-114		
1.350	149	45	22	340	-88	0	0	0	452	-117		
1.400	145	44	22	348	-101	0	0	0	463	-134		
1.450	135	41	20	349	-115	0	0	0	465	-153		
1.464	131	40	19	352	-119	0	0	0	468	-158		
1.500	119	36	17	339	-129	0	0	0	451	-172		
1.550	96	29	14	323	-144	0	0	0	429	-191		
1.600	68	20	10	297	-159	0	0	0	395	-212		
1.643	38	11	5	274	-173	0	0	0	365	-229		
1.650	33	9	4	269	-175	0	0	0	357	-233		
1.690	0	-1	-1	241	-191	0	0	-212	321	-254		
1.700	-9	-4	-2	233	-195	0	0	-217	309	-259		
1.750	-57	-18	-9	191	-215	0	0	-240	254	-287		
1.800	-110	-35	-17	143	-237	0	0	-269	191	-322		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
1.821	-135	-42	-21	125	-246	0	0	-287	166	-343		
1.850	-171	-53	-26	94	-258	0	0	-311	125	-372		
1.893	-227	-71	-35	72	-277	0	0	-365	96	-437		
1.900	-237	-74	-36	70	-281	0	0	-376	93	-450		
1.950	-310	-96	-47	74	-304	0	0	-450	98	-539		
2.000	-389	-120	-59	78	-335	0	0	-529	103	-633		
2.000	-389	-120	-59	78	-337	0	0	-528	103	-632		
2.050	-272	-84	-41	61	-225	0	0	-419	81	-501		
2.075	-219	-68	-33	54	-187	0	0	-365	72	-437		
2.100	-169	-52	-26	74	-175	0	0	-315	98	-377		
2.125	-123	-38	-19	105	-163	0	0	-273	140	-326		
2.150	-79	-24	-12	129	-152	0	0	-238	171	-285		
2.200	-1	0	0	191	-130	0	0	-174	254	-208		
2.201	0	0	0	191	-130	0	0	-173	254	-207		
2.250	64	20	10	250	-110	0	0	0	332	-146		
2.300	116	36	18	298	-95	0	0	0	396	-127		
2.350	156	49	24	339	-82	0	0	0	451	-109		
2.375	171	53	26	361	-76	0	0	0	480	-101		
2.400	183	57	28	371	-70	0	0	0	493	-92		
2.450	198	62	30	377	-66	0	0	0	502	-88		
2.483	201	62	31	378	-77	0	0	0	503	-102		
2.500	200	62	31	385	-82	0	0	0	512	-109		
2.550	189	59	29	378	-98	0	0	0	503	-130		
2.600	166	52	25	367	-116	0	0	0	489	-154		
2.625	150	47	23	362	-125	0	0	0	481	-167		
2.650	130	41	20	341	-135	0	0	0	454	-180		
2.700	82	25	13	301	-155	0	0	0	400	-207		
2.750	21	6	3	252	-177	0	0	0	335	-235		
2.765	0	0	0	236	-185	0	0	-212	314	-253		
2.800	-53	-17	-8	197	-204	0	0	-254	262	-304		
2.850	-140	-43	-21	132	-234	0	0	-330	176	-395		
2.875	-188	-58	-29	105	-249	0	0	-371	140	-444		
2.888	-213	-66	-32	88	-256	0	0	-392	117	-469		
2.900	-239	-74	-36	83	-265	0	0	-415	110	-497		
2.950	-352	-109	-53	71	-297	0	0	-534	95	-639		
3.000	-478	-148	-72	77	-354	0	0	-662	102	-793		
3.000	-478	-148	-72	77	-354	0	0	-662	102	-792		
3.050	-355	-110	-54	59	-294	0	0	-533	79	-638		
3.100	-245	-76	-37	77	-262	0	0	-415	103	-496		
3.112	-220	-68	-34	94	-254	0	0	-391	125	-468		
3.125	-195	-61	-30	109	-247	0	0	-370	144	-443		
3.150	-148	-46	-23	131	-232	0	0	-329	175	-394		
3.200	-65	-20	-10	193	-203	0	0	-252	257	-302		
3.245	0	0	0	245	-178	0	0	-201	325	-240		
3.250	7	2	1	252	-175	0	0	0	335	-233		
3.300	65	20	10	301	-154	0	0	0	400	-205		
3.350	110	34	17	341	-134	0	0	0	454	-179		
3.375	128	39	19	363	-125	0	0	0	482	-166		
3.400	143	44	22	367	-115	0	0	0	489	-153		
3.450	163	50	25	380	-98	0	0	0	505	-130		
3.500	171	53	26	387	-85	0	0	0	514	-113		
3.504	171	53	26	385	-85	0	0	0	513	-113		
3.550	166	51	25	380	-98	0	0	0	505	-131		
3.600	148	46	22	369	-116	0	0	0	491	-155		
3.625	134	41	20	363	-126	0	0	0	483	-167		
3.650	117	36	18	342	-135	0	0	0	455	-180		
3.700	74	23	11	301	-155	0	0	0	401	-207		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
3.750	19	6	3	252	-177	0	0	0	335	-235		
3.765	0	0	0	237	-185	0	0	-211	315	-252		
3.800	-50	-15	-8	197	-204	0	0	-253	262	-303		
3.850	-131	-41	-20	132	-234	0	0	-330	176	-395		
3.875	-177	-55	-27	105	-249	0	0	-372	140	-445		
3.888	-200	-62	-30	88	-256	0	0	-393	117	-470		
3.900	-225	-70	-34	83	-265	0	0	-416	110	-498		
3.950	-332	-103	-50	71	-297	0	0	-535	94	-640		
4.000	-453	-140	-68	80	-355	0	0	-664	107	-795		
4.000	-453	-140	-68	80	-354	0	0	-664	107	-794		
4.050	-332	-102	-50	70	-295	0	0	-535	94	-640		
4.100	-223	-69	-34	82	-264	0	0	-416	108	-498		
4.113	-199	-61	-30	94	-255	0	0	-393	125	-470		
4.125	-174	-54	-26	109	-248	0	0	-371	145	-444		
4.150	-129	-40	-19	138	-233	0	0	-331	183	-396		
4.200	-46	-14	-7	194	-204	0	0	-253	257	-303		
4.232	0	0	0	228	-186	0	0	-214	304	-256		
4.250	23	7	4	252	-177	0	0	0	335	-235		
4.300	80	25	12	301	-155	0	0	0	400	-207		
4.350	123	38	19	342	-135	0	0	0	454	-180		
4.375	141	44	21	363	-126	0	0	0	483	-167		
4.400	155	48	24	368	-116	0	0	0	489	-154		
4.450	173	54	26	380	-98	0	0	0	505	-131		
4.499	180	56	27	387	-85	0	0	0	514	-113		
4.500	180	56	27	387	-85	0	0	0	515	-113		
4.550	173	53	26	380	-98	0	0	0	506	-131		
4.600	153	47	23	369	-116	0	0	0	491	-155		
4.625	139	43	21	363	-126	0	0	0	483	-167		
4.650	121	38	18	342	-135	0	0	0	455	-180		
4.700	77	24	12	301	-155	0	0	0	401	-207		
4.750	20	6	3	252	-177	0	0	0	335	-235		
4.765	0	0	0	236	-185	0	0	-211	314	-253		
4.800	-51	-16	-8	197	-204	0	0	-253	262	-303		
4.850	-133	-41	-20	132	-234	0	0	-330	176	-395		
4.875	-180	-56	-27	105	-249	0	0	-372	140	-445		
4.888	-204	-63	-31	88	-256	0	0	-393	116	-470		
4.900	-229	-71	-35	83	-265	0	0	-416	110	-498		
4.950	-338	-104	-51	71	-296	0	0	-535	94	-640		
5.000	-460	-142	-70	80	-355	0	0	-664	107	-795		
5.000	-460	-142	-70	80	-354	0	0	-664	107	-794		
5.050	-338	-105	-51	71	-295	0	0	-535	94	-640		
5.100	-230	-71	-35	82	-264	0	0	-416	109	-498		
5.113	-205	-63	-31	94	-256	0	0	-393	125	-470		
5.125	-180	-56	-27	109	-248	0	0	-371	145	-445		
5.150	-134	-42	-20	136	-234	0	0	-331	180	-396		
5.200	-52	-16	-8	194	-204	0	0	-253	258	-303		
5.236	0	0	0	233	-184	0	0	-210	310	-252		
5.250	18	5	3	252	-177	0	0	0	335	-235		
5.300	75	23	11	301	-155	0	0	0	400	-207		
5.350	119	37	18	342	-135	0	0	0	455	-180		
5.375	137	42	21	363	-126	0	0	0	483	-167		
5.400	151	47	23	368	-116	0	0	0	489	-155		
5.450	170	53	26	380	-98	0	0	0	505	-131		
5.500	176	55	27	387	-85	0	0	0	515	-113		
5.550	170	53	26	380	-98	0	0	0	506	-131		
5.600	151	47	23	369	-116	0	0	0	491	-154		
5.625	137	42	21	363	-125	0	0	0	483	-167		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
5.650	119	37	18	342	-135	0	0	0	455	-180		
5.700	75	23	11	301	-155	0	0	0	401	-206		
5.750	18	6	3	252	-176	0	0	0	335	-234		
5.764	0	0	0	237	-184	0	0	-210	315	-251		
5.800	-52	-16	-8	197	-204	0	0	-253	261	-303		
5.850	-134	-41	-20	132	-233	0	0	-330	175	-395		
5.875	-180	-56	-27	105	-248	0	0	-371	139	-444		
5.888	-204	-63	-31	88	-256	0	0	-392	116	-470		
5.900	-229	-71	-35	77	-264	0	0	-416	102	-497		
5.950	-338	-104	-51	62	-296	0	0	-535	83	-640		
6.000	-460	-142	-70	76	-355	0	0	-664	102	-794		
6.000	-460	-142	-70	76	-354	0	0	-663	102	-794		
6.050	-337	-104	-51	71	-296	0	0	-534	95	-640		
6.100	-229	-71	-35	82	-264	0	0	-416	109	-498		
6.112	-203	-63	-31	94	-256	0	0	-393	125	-470		
6.125	-179	-55	-27	109	-248	0	0	-371	145	-444		
6.150	-133	-41	-20	136	-234	0	0	-331	181	-396		
6.200	-50	-16	-8	194	-204	0	0	-253	258	-303		
6.235	0	0	0	231	-185	0	0	-212	308	-254		
6.250	20	6	3	252	-177	0	0	0	335	-235		
6.300	77	24	12	301	-155	0	0	0	400	-207		
6.350	122	38	19	342	-135	0	0	0	454	-180		
6.375	139	43	21	363	-126	0	0	0	483	-167		
6.400	154	47	23	367	-116	0	0	0	489	-155		
6.450	173	53	26	380	-98	0	0	0	505	-131		
6.500	180	55	27	386	-82	0	0	0	514	-110		
6.501	180	55	27	386	-82	0	0	0	514	-109		
6.550	173	54	26	380	-80	0	0	0	505	-107		
6.600	155	48	24	369	-96	0	0	0	490	-127		
6.625	141	43	21	363	-104	0	0	0	482	-138		
6.650	123	38	19	342	-112	0	0	0	455	-149		
6.700	79	24	12	301	-130	0	0	0	401	-172		
6.750	23	7	3	251	-148	0	0	0	334	-197		
6.767	0	0	0	232	-157	0	0	-183	309	-219		
6.800	-47	-15	-7	191	-174	0	0	-221	254	-264		
6.850	-129	-40	-20	131	-200	0	0	-291	175	-348		
6.875	-175	-54	-27	104	-213	0	0	-327	138	-392		
6.900	-224	-70	-34	76	-228	0	0	-374	100	-448		
6.950	-332	-103	-50	61	-258	0	0	-484	81	-580		
7.000	-453	-140	-69	77	-342	0	0	-605	102	-724		
7.000	-453	-140	-69	77	-342	0	0	-604	102	-723		
7.050	-353	-109	-54	73	-301	0	0	-504	96	-604		
7.100	-261	-81	-40	73	-277	0	0	-413	98	-495		
7.125	-219	-68	-33	83	-264	0	0	-371	110	-444		
7.150	-178	-55	-27	106	-253	0	0	-338	141	-404		
7.156	-168	-52	-26	112	-249	0	0	-330	150	-395		
7.200	-103	-32	-16	159	-230	0	0	-279	211	-334		
7.250	-36	-11	-6	208	-207	0	0	-234	276	-280		
7.280	0	0	0	236	-194	0	0	-216	313	-258		
7.300	23	7	3	256	-186	0	0	0	340	-247		
7.312	36	11	5	267	-181	0	0	0	356	-240		
7.350	74	23	11	301	-168	0	0	0	400	-224		
7.400	118	36	18	337	-153	0	0	0	449	-203		
7.450	154	47	23	364	-138	0	0	0	485	-184		
7.469	166	51	25	374	-133	0	0	0	497	-176		
7.500	182	56	27	383	-124	0	0	0	509	-164		
7.550	202	62	30	396	-110	0	0	0	527	-146		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
7.600	214	65	32	403	-97	0	0	0	536	-129		
7.625	217	66	32	406	-91	0	0	0	540	-121		
7.643	217	66	32	403	-87	0	0	0	536	-115		
7.650	217	66	32	399	-85	0	0	0	531	-113		
7.664	217	66	32	392	-81	0	0	0	521	-108		
7.700	212	64	32	386	-73	0	0	0	514	-97		
7.703	212	64	32	386	-72	0	0	0	514	-96		
7.750	197	60	29	356	-60	0	0	0	473	-80		
7.800	174	53	26	312	-48	0	0	0	415	-64		
7.850	143	43	21	257	-36	0	0	0	342	-48		
7.852	141	43	21	255	-36	0	0	0	339	-47		
7.889	113	34	17	208	-27	0	0	0	277	-35		
7.900	103	31	16	193	-24	0	0	0	257	-32		
7.905	99	30	15	187	-23	0	0	0	249	-30		
7.950	56	17	8	110	-12	0	0	0	146	-16		
7.958	48	14	7	93	-10	0	0	0	124	-14		
8.000	0	0	0	1	-6	0	0	-6	1	-8		
8.000	0	0	0	1	-6	0	0	-7	1	-8		
8.000	0	0	0	0	-4	0	0	-5	0	-5		
8.375	0	0	0	0	-3	0	0	-3	0	-3		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	0	0	0	0	0	0	-1		
0.625	0	0	0	0	-5	0	0	-5	0	-6		
1.000	0	0	0	0	-8	0	0	-8	0	-10		
1.000	0	0	0	1	-7	0	0	-8	1	-10		
1.000	0	0	0	1	-7	0	0	-8	1	-10		
1.049	39	12	6	95	-12	0	0	0	126	-16		
1.050	40	12	6	96	-12	0	0	0	127	-17		
1.100	74	23	11	166	-25	0	0	0	220	-33		
1.109	79	24	12	179	-27	0	0	0	238	-36		
1.127	90	27	14	200	-31	0	0	0	267	-42		
1.143	98	30	15	214	-35	0	0	0	285	-47		
1.150	101	31	15	222	-37	0	0	0	295	-49		
1.200	123	37	19	267	-50	0	0	0	356	-66		
1.250	138	42	21	301	-62	0	0	0	401	-83		
1.286	145	44	22	325	-71	0	0	0	433	-95		
1.300	147	45	22	328	-75	0	0	0	437	-100		
1.343	149	45	22	347	-86	0	0	0	461	-115		
1.350	149	45	22	349	-88	0	0	0	464	-117		
1.400	145	44	22	357	-102	0	0	0	474	-135		
1.450	135	41	20	358	-116	0	0	0	476	-154		
1.464	131	40	19	361	-120	0	0	0	480	-159		
1.500	119	36	17	348	-130	0	0	0	463	-173		
1.550	96	29	14	331	-145	0	0	0	440	-193		
1.600	68	20	10	304	-160	0	0	0	404	-213		
1.643	38	11	5	279	-173	0	0	0	372	-231		
1.650	33	9	4	274	-176	0	0	0	364	-234		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.690	0	-1	-1	245	-192	0	0	-215	326	-258		
1.700	-9	-4	-2	236	-196	0	0	-220	313	-263		
1.750	-57	-18	-9	192	-216	0	0	-243	256	-291		
1.800	-110	-35	-17	140	-238	0	0	-273	186	-327		
1.821	-135	-42	-21	121	-247	0	0	-295	161	-353		
1.850	-171	-53	-26	94	-260	0	0	-329	125	-394		
1.893	-227	-71	-35	73	-278	0	0	-396	97	-474		
1.900	-237	-74	-36	70	-282	0	0	-409	93	-490		
1.950	-310	-96	-47	74	-305	0	0	-504	99	-603		
2.000	-389	-120	-59	78	-328	0	0	-608	104	-728		
2.000	-389	-120	-59	78	-331	0	0	-607	104	-727		
2.050	-272	-84	-41	61	-224	0	0	-473	81	-567		
2.075	-219	-68	-33	55	-198	0	0	-411	73	-492		
2.100	-169	-52	-26	74	-186	0	0	-351	98	-420		
2.125	-123	-38	-19	105	-173	0	0	-295	140	-353		
2.150	-79	-24	-12	127	-161	0	0	-247	169	-295		
2.200	-1	0	0	188	-138	0	0	-173	250	-207		
2.201	0	0	0	188	-138	0	0	-172	249	-206		
2.250	64	20	10	252	-117	0	0	0	335	-156		
2.300	116	36	18	301	-102	0	0	0	400	-135		
2.350	156	49	24	342	-88	0	0	0	455	-117		
2.375	171	53	26	364	-81	0	0	0	484	-107		
2.400	183	57	28	375	-74	0	0	0	498	-99		
2.450	198	62	30	383	-67	0	0	0	510	-89		
2.483	201	62	31	383	-77	0	0	0	510	-103		
2.500	200	62	31	390	-83	0	0	0	519	-110		
2.550	189	59	29	384	-99	0	0	0	510	-131		
2.600	166	52	25	371	-117	0	0	0	494	-156		
2.625	150	47	23	365	-126	0	0	0	486	-168		
2.650	130	41	20	345	-136	0	0	0	459	-181		
2.700	82	25	13	304	-157	0	0	0	404	-208		
2.750	21	6	3	254	-178	0	0	0	338	-236		
2.765	0	0	0	238	-186	0	0	-208	316	-249		
2.800	-53	-17	-8	195	-206	0	0	-238	259	-285		
2.850	-140	-43	-21	131	-235	0	0	-319	174	-381		
2.875	-188	-58	-29	105	-250	0	0	-370	140	-443		
2.888	-213	-66	-32	88	-258	0	0	-400	117	-479		
2.900	-239	-74	-36	83	-266	0	0	-432	111	-517		
2.950	-352	-109	-53	72	-299	0	0	-571	96	-684		
3.000	-478	-148	-72	77	-346	0	0	-722	103	-865		
3.000	-478	-148	-72	77	-346	0	0	-722	103	-865		
3.050	-355	-110	-54	60	-296	0	0	-571	79	-683		
3.100	-245	-76	-37	77	-264	0	0	-433	103	-518		
3.112	-220	-68	-34	94	-256	0	0	-399	125	-478		
3.125	-195	-61	-30	109	-248	0	0	-371	144	-444		
3.150	-148	-46	-23	129	-233	0	0	-317	172	-380		
3.200	-65	-20	-10	190	-204	0	0	-237	252	-283		
3.245	0	0	0	247	-179	0	0	-200	328	-240		
3.250	7	2	1	254	-176	0	0	0	338	-234		
3.300	65	20	10	303	-155	0	0	0	403	-206		
3.350	110	34	17	345	-135	0	0	0	458	-180		
3.375	128	39	19	366	-125	0	0	0	487	-167		
3.400	143	44	22	371	-116	0	0	0	494	-154		
3.450	163	50	25	385	-98	0	0	0	512	-131		
3.500	171	53	26	392	-85	0	0	0	521	-113		
3.504	171	53	26	391	-85	0	0	0	520	-113		
3.550	166	51	25	385	-99	0	0	0	512	-132		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
3.600	148	46	22	372	-117	0	0	0	495	-156		
3.625	134	41	20	366	-127	0	0	0	487	-168		
3.650	117	36	18	346	-136	0	0	0	460	-181		
3.700	74	23	11	304	-157	0	0	0	404	-208		
3.750	19	6	3	254	-178	0	0	0	338	-236		
3.765	0	0	0	238	-186	0	0	-208	317	-249		
3.800	-50	-15	-8	195	-205	0	0	-238	259	-285		
3.850	-131	-41	-20	130	-235	0	0	-319	173	-382		
3.875	-177	-55	-27	105	-250	0	0	-371	140	-444		
3.888	-200	-62	-30	88	-258	0	0	-401	117	-479		
3.900	-225	-70	-34	83	-266	0	0	-433	110	-518		
3.950	-332	-103	-50	72	-298	0	0	-572	95	-685		
4.000	-453	-140	-68	81	-347	0	0	-724	108	-866		
4.000	-453	-140	-68	81	-346	0	0	-724	108	-866		
4.050	-332	-102	-50	71	-297	0	0	-572	94	-685		
4.100	-223	-69	-34	82	-266	0	0	-434	109	-519		
4.113	-199	-61	-30	94	-257	0	0	-400	125	-479		
4.125	-174	-54	-26	109	-250	0	0	-372	145	-445		
4.150	-129	-40	-19	136	-235	0	0	-318	180	-381		
4.200	-46	-14	-7	190	-205	0	0	-238	252	-285		
4.232	0	0	0	230	-187	0	0	-210	305	-251		
4.250	23	7	4	255	-177	0	0	0	338	-236		
4.300	80	25	12	304	-156	0	0	0	404	-208		
4.350	123	38	19	345	-136	0	0	0	459	-181		
4.375	141	44	21	366	-126	0	0	0	487	-168		
4.400	155	48	24	372	-117	0	0	0	494	-156		
4.450	173	54	26	386	-99	0	0	0	513	-132		
4.499	180	56	27	392	-86	0	0	0	521	-114		
4.500	180	56	27	392	-86	0	0	0	522	-114		
4.550	173	53	26	385	-99	0	0	0	513	-132		
4.600	153	47	23	373	-117	0	0	0	495	-156		
4.625	139	43	21	366	-127	0	0	0	487	-168		
4.650	121	38	18	346	-136	0	0	0	460	-181		
4.700	77	24	12	304	-157	0	0	0	404	-208		
4.750	20	6	3	254	-178	0	0	0	338	-236		
4.765	0	0	0	238	-186	0	0	-208	316	-249		
4.800	-51	-16	-8	195	-205	0	0	-238	259	-285		
4.850	-133	-41	-20	130	-235	0	0	-319	173	-382		
4.875	-180	-56	-27	105	-250	0	0	-371	140	-444		
4.888	-204	-63	-31	88	-257	0	0	-401	116	-479		
4.900	-229	-71	-35	83	-266	0	0	-433	110	-518		
4.950	-338	-104	-51	71	-298	0	0	-572	95	-685		
5.000	-460	-142	-70	81	-347	0	0	-724	108	-866		
5.000	-460	-142	-70	81	-346	0	0	-724	108	-866		
5.050	-338	-105	-51	72	-298	0	0	-572	95	-684		
5.100	-230	-71	-35	82	-266	0	0	-434	109	-519		
5.113	-205	-63	-31	94	-257	0	0	-400	125	-479		
5.125	-180	-56	-27	109	-250	0	0	-372	145	-445		
5.150	-134	-42	-20	134	-235	0	0	-318	178	-381		
5.200	-52	-16	-8	190	-205	0	0	-238	253	-285		
5.236	0	0	0	234	-185	0	0	-207	311	-248		
5.250	18	5	3	255	-177	0	0	0	339	-236		
5.300	75	23	11	304	-156	0	0	0	404	-208		
5.350	119	37	18	345	-136	0	0	0	459	-181		
5.375	137	42	21	366	-126	0	0	0	487	-168		
5.400	151	47	23	372	-117	0	0	0	494	-156		
5.450	170	53	26	386	-99	0	0	0	513	-132		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
5.500	176	55	27	392	-86	0	0	0	522	-114		
5.550	170	53	26	385	-99	0	0	0	513	-132		
5.600	151	47	23	372	-117	0	0	0	495	-156		
5.625	137	42	21	366	-126	0	0	0	487	-168		
5.650	119	37	18	346	-136	0	0	0	460	-181		
5.700	75	23	11	304	-156	0	0	0	404	-208		
5.750	18	6	3	254	-177	0	0	0	338	-236		
5.764	0	0	0	238	-185	0	0	-207	317	-248		
5.800	-52	-16	-8	195	-205	0	0	-238	259	-284		
5.850	-134	-41	-20	130	-235	0	0	-318	173	-381		
5.875	-180	-56	-27	105	-250	0	0	-371	139	-444		
5.888	-204	-63	-31	88	-257	0	0	-400	116	-479		
5.900	-229	-71	-35	78	-266	0	0	-433	103	-518		
5.950	-338	-104	-51	64	-298	0	0	-572	85	-685		
6.000	-460	-142	-70	77	-347	0	0	-723	102	-866		
6.000	-460	-142	-70	77	-346	0	0	-723	102	-866		
6.050	-337	-104	-51	72	-298	0	0	-571	95	-684		
6.100	-229	-71	-35	82	-266	0	0	-434	109	-519		
6.112	-203	-63	-31	94	-257	0	0	-400	125	-479		
6.125	-179	-55	-27	109	-250	0	0	-372	145	-445		
6.150	-133	-41	-20	135	-235	0	0	-318	179	-381		
6.200	-50	-16	-8	190	-205	0	0	-238	253	-285		
6.235	0	0	0	232	-186	0	0	-208	308	-249		
6.250	20	6	3	255	-177	0	0	0	339	-236		
6.300	77	24	12	304	-156	0	0	0	404	-208		
6.350	122	38	19	345	-136	0	0	0	458	-181		
6.375	139	43	21	366	-126	0	0	0	487	-168		
6.400	154	47	23	371	-117	0	0	0	494	-156		
6.450	173	53	26	385	-99	0	0	0	512	-132		
6.500	180	55	27	392	-83	0	0	0	521	-110		
6.501	180	55	27	391	-83	0	0	0	521	-110		
6.550	173	54	26	385	-84	0	0	0	512	-112		
6.600	155	48	24	372	-100	0	0	0	495	-132		
6.625	141	43	21	366	-108	0	0	0	486	-143		
6.650	123	38	19	345	-117	0	0	0	459	-155		
6.700	79	24	12	304	-135	0	0	0	404	-179		
6.750	23	7	3	254	-154	0	0	0	338	-205		
6.767	0	0	0	234	-163	0	0	-183	311	-219		
6.800	-47	-15	-7	189	-180	0	0	-214	252	-256		
6.850	-129	-40	-20	130	-208	0	0	-292	172	-349		
6.875	-175	-54	-27	104	-222	0	0	-343	138	-411		
6.900	-224	-70	-34	76	-237	0	0	-404	100	-484		
6.950	-332	-103	-50	61	-267	0	0	-537	81	-643		
7.000	-453	-140	-69	77	-331	0	0	-682	103	-816		
7.000	-453	-140	-69	77	-330	0	0	-683	103	-817		
7.050	-353	-109	-54	73	-303	0	0	-561	97	-671		
7.100	-261	-81	-40	74	-278	0	0	-446	98	-534		
7.125	-219	-68	-33	83	-266	0	0	-394	111	-472		
7.150	-178	-55	-27	106	-254	0	0	-348	141	-416		
7.156	-168	-52	-26	112	-251	0	0	-337	149	-404		
7.200	-103	-32	-16	154	-231	0	0	-277	205	-331		
7.250	-36	-11	-6	209	-208	0	0	-233	278	-279		
7.280	0	0	0	237	-195	0	0	-219	316	-262		
7.300	23	7	3	258	-187	0	0	0	343	-248		
7.312	36	11	5	270	-182	0	0	0	359	-242		
7.350	74	23	11	305	-169	0	0	0	406	-225		
7.400	118	36	18	344	-154	0	0	0	458	-204		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

LL TEMPLATE NUMBER: 5

LIVE LOAD: MaineDOT Config-3

LANE POSITION: MULTIPLE LANE WITH IMPACT

*** UNFACTORED MOMENT SUMMARY (Continued) ***

Note: Impact NOT Included, except for COMBINED.

ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
7.450	154	47	23	374	-139	0	0	0	497	-184		
7.469	166	51	25	385	-133	0	0	0	512	-177		
7.500	182	56	27	395	-124	0	0	0	526	-165		
7.550	202	62	30	408	-111	0	0	0	542	-148		
7.600	214	65	32	412	-98	0	0	0	548	-130		
7.625	217	66	32	414	-92	0	0	0	550	-122		
7.643	217	66	32	410	-87	0	0	0	545	-116		
7.650	217	66	32	406	-85	0	0	0	540	-114		
7.664	217	66	32	398	-82	0	0	0	530	-109		
7.700	212	64	32	392	-73	0	0	0	522	-98		
7.703	212	64	32	392	-73	0	0	0	522	-97		
7.750	197	60	29	361	-61	0	0	0	480	-81		
7.800	174	53	26	316	-48	0	0	0	420	-64		
7.850	143	43	21	260	-36	0	0	0	345	-48		
7.852	141	43	21	257	-36	0	0	0	342	-48		
7.889	113	34	17	210	-27	0	0	0	280	-36		
7.900	103	31	16	195	-24	0	0	0	260	-32		
7.905	99	30	15	189	-23	0	0	0	251	-31		
7.950	56	17	8	111	-12	0	0	0	147	-16		
7.958	48	14	7	94	-10	0	0	0	125	-14		
8.000	0	0	0	1	-5	0	0	-6	1	-7		
8.000	0	0	0	1	-6	0	0	-6	1	-7		
8.000	0	0	0	0	-4	0	0	-4	0	-5		
8.375	0	0	0	0	-3	0	0	-3	0	-3		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 3

LL TEMPLATE NUMBER: 6

LIVE LOAD: MaineDOT Config-4

LANE POSITION: MULTIPLE LANE WITH IMPACT

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

Note: Impact NOT Included, except for COMBINED.

MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
0.000	0	0	0	0	0	0	0	0	0	-1		
0.625	0	0	0	0	-7	0	0	-8	0	-9		
1.000	0	0	0	0	-11	0	0	-12	0	-14		
1.000	0	0	0	1	-11	0	0	-12	1	-14		
1.000	0	0	0	1	-11	0	0	-12	1	-14		
1.049	39	12	6	98	-12	0	0	0	130	-16		
1.050	40	12	6	99	-12	0	0	0	132	-16		
1.100	74	23	11	171	-25	0	0	0	228	-33		
1.109	79	24	12	185	-27	0	0	0	246	-35		
1.127	90	27	14	207	-31	0	0	0	275	-41		
1.143	98	30	15	219	-35	0	0	0	292	-47		
1.150	101	31	15	227	-37	0	0	0	301	-49		
1.200	123	37	19	271	-49	0	0	0	361	-65		
1.250	138	42	21	301	-62	0	0	0	401	-82		
1.286	145	44	22	320	-70	0	0	0	425	-94		
1.300	147	45	22	321	-74	0	0	0	426	-99		
1.343	149	45	22	334	-86	0	0	0	444	-114		
1.350	149	45	22	332	-87	0	0	0	442	-116		
1.400	145	44	22	340	-101	0	0	0	452	-134		
1.450	135	41	20	338	-114	0	0	0	450	-152		
1.464	131	40	19	342	-118	0	0	0	455	-157		
1.500	119	36	17	327	-128	0	0	0	435	-171		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.550	96	29	14	314	-143	0	0	0	418	-190		
1.600	68	20	10	290	-158	0	0	0	386	-211		
1.643	38	11	5	267	-172	0	0	0	355	-229		
1.650	33	9	4	261	-175	0	0	0	347	-232		
1.690	0	-1	-1	236	-191	0	0	-213	313	-255		
1.700	-9	-4	-2	227	-195	0	0	-218	301	-260		
1.750	-57	-18	-9	186	-215	0	0	-240	247	-287		
1.800	-110	-35	-17	136	-236	0	0	-270	182	-323		
1.821	-135	-42	-21	115	-245	0	0	-292	152	-350		
1.850	-171	-53	-26	88	-258	0	0	-327	117	-391		
1.893	-227	-71	-35	68	-275	0	0	-393	91	-471		
1.900	-237	-74	-36	69	-279	0	0	-405	92	-485		
1.950	-310	-96	-47	73	-303	0	0	-495	97	-593		
2.000	-389	-120	-59	77	-325	0	0	-603	102	-722		
2.000	-389	-120	-59	77	-329	0	0	-602	103	-721		
2.050	-272	-84	-41	61	-220	0	0	-462	81	-553		
2.075	-219	-68	-33	53	-195	0	0	-404	71	-484		
2.100	-169	-52	-26	66	-183	0	0	-347	87	-415		
2.125	-123	-38	-19	95	-170	0	0	-293	126	-351		
2.150	-79	-24	-12	122	-159	0	0	-246	162	-294		
2.200	-1	0	0	179	-136	0	0	-172	238	-206		
2.201	0	0	0	179	-136	0	0	-171	238	-205		
2.250	64	20	10	238	-116	0	0	0	316	-154		
2.300	116	36	18	288	-100	0	0	0	383	-134		
2.350	156	49	24	327	-87	0	0	0	435	-115		
2.375	171	53	26	348	-80	0	0	0	463	-106		
2.400	183	57	28	360	-73	0	0	0	479	-98		
2.450	198	62	30	365	-66	0	0	0	485	-88		
2.483	201	62	31	365	-76	0	0	0	485	-101		
2.500	200	62	31	372	-82	0	0	0	495	-109		
2.550	189	59	29	366	-98	0	0	0	486	-130		
2.600	166	52	25	354	-116	0	0	0	470	-155		
2.625	150	47	23	349	-126	0	0	0	465	-167		
2.650	130	41	20	329	-135	0	0	0	438	-180		
2.700	82	25	13	288	-155	0	0	0	383	-206		
2.750	21	6	3	239	-176	0	0	0	318	-234		
2.765	0	0	0	225	-184	0	0	-206	299	-247		
2.800	-53	-17	-8	186	-203	0	0	-239	248	-286		
2.850	-140	-43	-21	124	-233	0	0	-318	165	-381		
2.875	-188	-58	-29	95	-248	0	0	-370	127	-443		
2.888	-213	-66	-32	82	-256	0	0	-398	109	-477		
2.900	-239	-74	-36	77	-264	0	0	-427	103	-512		
2.950	-352	-109	-53	71	-295	0	0	-563	94	-673		
3.000	-478	-148	-72	76	-342	0	0	-715	101	-856		
3.000	-478	-148	-72	76	-343	0	0	-714	101	-855		
3.050	-355	-110	-54	59	-293	0	0	-563	79	-674		
3.100	-245	-76	-37	69	-261	0	0	-427	92	-511		
3.112	-220	-68	-34	81	-253	0	0	-397	107	-476		
3.125	-195	-61	-30	98	-246	0	0	-369	130	-442		
3.150	-148	-46	-23	124	-231	0	0	-317	165	-380		
3.200	-65	-20	-10	180	-203	0	0	-239	240	-286		
3.245	0	0	0	232	-177	0	0	-198	309	-237		
3.250	7	2	1	239	-175	0	0	0	318	-232		
3.300	65	20	10	290	-154	0	0	0	386	-205		
3.350	110	34	17	329	-134	0	0	0	438	-178		
3.375	128	39	19	350	-124	0	0	0	466	-165		
3.400	143	44	22	355	-115	0	0	0	472	-153		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
3.450	163	50	25	368	-97	0	0	0	489	-130		
3.500	171	53	26	374	-84	0	0	0	498	-112		
3.504	171	53	26	372	-84	0	0	0	495	-112		
3.550	166	51	25	368	-98	0	0	0	489	-131		
3.600	148	46	22	355	-116	0	0	0	472	-155		
3.625	134	41	20	350	-126	0	0	0	466	-167		
3.650	117	36	18	330	-135	0	0	0	438	-180		
3.700	74	23	11	288	-155	0	0	0	384	-206		
3.750	19	6	3	239	-176	0	0	0	318	-234		
3.765	0	0	0	225	-184	0	0	-206	299	-246		
3.800	-50	-15	-8	186	-203	0	0	-239	248	-286		
3.850	-131	-41	-20	124	-233	0	0	-319	165	-381		
3.875	-177	-55	-27	95	-248	0	0	-371	126	-444		
3.888	-200	-62	-30	82	-255	0	0	-399	109	-478		
3.900	-225	-70	-34	77	-264	0	0	-428	103	-513		
3.950	-332	-103	-50	70	-295	0	0	-566	94	-677		
4.000	-453	-140	-68	80	-343	0	0	-717	106	-858		
4.000	-453	-140	-68	80	-344	0	0	-716	106	-857		
4.050	-332	-102	-50	70	-295	0	0	-564	93	-675		
4.100	-223	-69	-34	77	-263	0	0	-428	102	-512		
4.113	-199	-61	-30	83	-255	0	0	-398	110	-477		
4.125	-174	-54	-26	98	-247	0	0	-370	130	-443		
4.150	-129	-40	-19	129	-232	0	0	-318	172	-381		
4.200	-46	-14	-7	180	-204	0	0	-240	240	-287		
4.232	0	0	0	216	-186	0	0	-208	287	-248		
4.250	23	7	4	240	-176	0	0	0	319	-234		
4.300	80	25	12	291	-155	0	0	0	386	-206		
4.350	123	38	19	329	-135	0	0	0	438	-180		
4.375	141	44	21	351	-125	0	0	0	466	-167		
4.400	155	48	24	355	-116	0	0	0	473	-155		
4.450	173	54	26	368	-98	0	0	0	489	-131		
4.499	180	56	27	374	-85	0	0	0	497	-113		
4.500	180	56	27	374	-85	0	0	0	498	-113		
4.550	173	53	26	368	-98	0	0	0	489	-131		
4.600	153	47	23	355	-116	0	0	0	472	-155		
4.625	139	43	21	350	-126	0	0	0	466	-167		
4.650	121	38	18	330	-135	0	0	0	439	-180		
4.700	77	24	12	288	-155	0	0	0	384	-206		
4.750	20	6	3	239	-176	0	0	0	318	-234		
4.765	0	0	0	225	-184	0	0	-206	299	-246		
4.800	-51	-16	-8	186	-203	0	0	-239	248	-286		
4.850	-133	-41	-20	124	-233	0	0	-318	165	-381		
4.875	-180	-56	-27	95	-248	0	0	-371	126	-444		
4.888	-204	-63	-31	82	-255	0	0	-399	108	-478		
4.900	-229	-71	-35	77	-264	0	0	-428	103	-513		
4.950	-338	-104	-51	70	-295	0	0	-566	94	-677		
5.000	-460	-142	-70	80	-343	0	0	-717	107	-858		
5.000	-460	-142	-70	80	-344	0	0	-716	107	-857		
5.050	-338	-105	-51	71	-295	0	0	-564	94	-675		
5.100	-230	-71	-35	77	-263	0	0	-428	103	-512		
5.113	-205	-63	-31	83	-255	0	0	-398	110	-477		
5.125	-180	-56	-27	98	-247	0	0	-370	130	-443		
5.150	-134	-42	-20	128	-232	0	0	-318	171	-381		
5.200	-52	-16	-8	180	-204	0	0	-240	240	-287		
5.236	0	0	0	220	-184	0	0	-205	293	-246		
5.250	18	5	3	240	-176	0	0	0	319	-235		
5.300	75	23	11	291	-155	0	0	0	386	-206		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
5.350	119	37	18	329	-135	0	0	0	438	-180		
5.375	137	42	21	351	-125	0	0	0	466	-167		
5.400	151	47	23	355	-116	0	0	0	473	-155		
5.450	170	53	26	368	-98	0	0	0	489	-131		
5.500	176	55	27	374	-85	0	0	0	498	-113		
5.550	170	53	26	368	-98	0	0	0	489	-130		
5.600	151	47	23	355	-116	0	0	0	472	-155		
5.625	137	42	21	350	-125	0	0	0	466	-167		
5.650	119	37	18	330	-135	0	0	0	439	-180		
5.700	75	23	11	288	-154	0	0	0	384	-205		
5.750	18	6	3	239	-175	0	0	0	318	-233		
5.764	0	0	0	225	-183	0	0	-205	299	-245		
5.800	-52	-16	-8	186	-203	0	0	-239	247	-286		
5.850	-134	-41	-20	124	-233	0	0	-318	165	-381		
5.875	-180	-56	-27	95	-248	0	0	-370	126	-443		
5.888	-204	-63	-31	79	-255	0	0	-399	105	-477		
5.900	-229	-71	-35	72	-264	0	0	-428	96	-512		
5.950	-338	-104	-51	63	-295	0	0	-566	84	-677		
6.000	-460	-142	-70	76	-343	0	0	-716	101	-857		
6.000	-460	-142	-70	76	-344	0	0	-715	101	-856		
6.050	-337	-104	-51	71	-295	0	0	-564	94	-675		
6.100	-229	-71	-35	77	-263	0	0	-428	103	-512		
6.112	-203	-63	-31	83	-255	0	0	-398	110	-477		
6.125	-179	-55	-27	98	-247	0	0	-370	131	-443		
6.150	-133	-41	-20	129	-232	0	0	-318	171	-381		
6.200	-50	-16	-8	180	-204	0	0	-240	240	-287		
6.235	0	0	0	218	-184	0	0	-206	290	-247		
6.250	20	6	3	240	-176	0	0	0	319	-235		
6.300	77	24	12	290	-155	0	0	0	386	-206		
6.350	122	38	19	329	-135	0	0	0	438	-180		
6.375	139	43	21	350	-125	0	0	0	466	-167		
6.400	154	47	23	355	-116	0	0	0	472	-155		
6.450	173	53	26	367	-98	0	0	0	489	-131		
6.500	180	55	27	374	-82	0	0	0	497	-109		
6.501	180	55	27	374	-82	0	0	0	497	-109		
6.550	173	54	26	367	-83	0	0	0	488	-110		
6.600	155	48	24	354	-99	0	0	0	471	-131		
6.625	141	43	21	350	-107	0	0	0	465	-143		
6.650	123	38	19	329	-116	0	0	0	438	-154		
6.700	79	24	12	288	-134	0	0	0	384	-178		
6.750	23	7	3	239	-153	0	0	0	318	-204		
6.767	0	0	0	221	-162	0	0	-181	294	-216		
6.800	-47	-15	-7	180	-179	0	0	-214	239	-256		
6.850	-129	-40	-20	123	-205	0	0	-291	164	-349		
6.875	-175	-54	-27	94	-217	0	0	-339	125	-406		
6.900	-224	-70	-34	69	-233	0	0	-399	92	-477		
6.950	-332	-103	-50	61	-263	0	0	-527	81	-631		
7.000	-453	-140	-69	76	-328	0	0	-675	101	-808		
7.000	-453	-140	-69	76	-326	0	0	-676	101	-809		
7.050	-353	-109	-54	72	-300	0	0	-552	96	-661		
7.100	-261	-81	-40	70	-275	0	0	-442	93	-529		
7.125	-219	-68	-33	78	-263	0	0	-391	104	-468		
7.150	-178	-55	-27	98	-251	0	0	-346	130	-415		
7.156	-168	-52	-26	105	-248	0	0	-335	140	-402		
7.200	-103	-32	-16	148	-229	0	0	-277	196	-332		
7.250	-36	-11	-6	201	-206	0	0	-232	267	-277		
7.280	0	0	0	226	-193	0	0	-216	301	-259		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
GIRDER: 3													
LL TEMPLATE NUMBER: 6													
Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-4 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).													
LANE POSITION: MULTIPLE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MAX	MIN	
		MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	MIN	MAX	(ft-k)	(ft-k)	
		(ft-k)	(ft-k)	(ft-k)					(ft-k)	(ft-k)			
7.300	23	7	3	247	-185	0	0	0	328	-246			
7.312	36	11	5	258	-180	0	0	0	343	-239			
7.350	74	23	11	291	-168	0	0	0	387	-223			
7.400	118	36	18	330	-152	0	0	0	439	-203			
7.450	154	47	23	358	-138	0	0	0	476	-183			
7.469	166	51	25	368	-132	0	0	0	490	-176			
7.500	182	56	27	377	-123	0	0	0	501	-164			
7.550	202	62	30	389	-110	0	0	0	518	-146			
7.600	214	65	32	396	-97	0	0	0	527	-129			
7.625	217	66	32	399	-91	0	0	0	530	-121			
7.643	217	66	32	395	-86	0	0	0	525	-115			
7.650	217	66	32	392	-85	0	0	0	521	-113			
7.664	217	66	32	384	-81	0	0	0	510	-108			
7.700	212	64	32	382	-73	0	0	0	509	-97			
7.703	212	64	32	383	-72	0	0	0	509	-96			
7.750	197	60	29	358	-60	0	0	0	477	-80			
7.800	174	53	26	320	-48	0	0	0	426	-64			
7.850	143	43	21	267	-36	0	0	0	355	-48			
7.852	141	43	21	265	-36	0	0	0	352	-47			
7.889	113	34	17	218	-27	0	0	0	290	-35			
7.900	103	31	16	203	-24	0	0	0	270	-32			
7.905	99	30	15	196	-23	0	0	0	261	-30			
7.950	56	17	8	116	-12	0	0	0	154	-16			
7.958	48	14	7	98	-10	0	0	0	130	-13			
8.000	0	0	0	1	-7	0	0	-8	1	-9			
8.000	0	0	0	1	-7	0	0	-8	1	-9			
8.000	0	0	0	0	-6	0	0	-6	0	-8			
8.375	0	0	0	0	-4	0	0	-4	0	-5			
9.000	0	0	0	0	0	0	0	0	0	0			

GIRDER: 3													
LL TEMPLATE NUMBER: 7													
Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-5													
MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).													
LANE POSITION: MULTIPLE LANE WITH IMPACT													

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE		
	FRAC	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MAX	MIN	
		MOMENT	MOMENT	MOMENT	(ft-k)	(ft-k)	(ft-k)	(ft-k)	MIN	MAX	(ft-k)	(ft-k)	
		(ft-k)	(ft-k)	(ft-k)					(ft-k)	(ft-k)			
0.000	0	0	0	0	0	0	0	0	0	-1			
0.625	0	0	0	0	0	-6	0	0	-7	0	-8		
1.000	0	0	0	0	0	-10	0	0	-11	0	-13		
1.000	0	0	0	0	1	-10	0	0	-11	1	-13		
1.000	0	0	0	0	1	-10	0	0	-11	1	-13		
1.049	39	12	6	94	-12	0	0	0	126	-16			
1.050	40	12	6	95	-12	0	0	0	127	-16			
1.100	74	23	11	166	-24	0	0	0	220	-32			
1.109	79	24	12	179	-26	0	0	0	238	-35			
1.127	90	27	14	201	-31	0	0	0	267	-41			
1.143	98	30	15	209	-35	0	0	0	278	-46			
1.150	101	31	15	214	-37	0	0	0	284	-49			
1.200	123	37	19	259	-49	0	0	0	344	-65			
1.250	138	42	21	296	-61	0	0	0	394	-81			
1.286	145	44	22	317	-70	0	0	0	422	-93			
1.300	147	45	22	321	-74	0	0	0	427	-98			
1.343	149	45	22	336	-85	0	0	0	447	-113			
1.350	149	45	22	336	-87	0	0	0	446	-115			

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
1.400	145	44	22	342	-100	0	0	0	455	-133		
1.450	135	41	20	343	-114	0	0	0	456	-151		
1.464	131	40	19	346	-118	0	0	0	460	-157		
1.500	119	36	17	334	-128	0	0	0	444	-170		
1.550	96	29	14	318	-143	0	0	0	423	-190		
1.600	68	20	10	295	-158	0	0	0	392	-210		
1.643	38	11	5	271	-171	0	0	0	360	-227		
1.650	33	9	4	264	-174	0	0	0	351	-231		
1.690	0	-1	-1	236	-189	0	0	-211	314	-252		
1.700	-9	-4	-2	229	-193	0	0	-215	304	-257		
1.750	-57	-18	-9	189	-213	0	0	-238	251	-285		
1.800	-110	-35	-17	138	-234	0	0	-268	183	-321		
1.821	-135	-42	-21	122	-243	0	0	-289	162	-346		
1.850	-171	-53	-26	96	-255	0	0	-318	128	-380		
1.893	-227	-71	-35	74	-274	0	0	-386	98	-461		
1.900	-237	-74	-36	71	-278	0	0	-398	94	-477		
1.950	-310	-96	-47	73	-300	0	0	-494	97	-591		
2.000	-389	-120	-59	77	-322	0	0	-598	103	-716		
2.000	-389	-120	-59	77	-325	0	0	-597	103	-715		
2.050	-272	-84	-41	60	-219	0	0	-463	80	-554		
2.075	-219	-68	-33	57	-192	0	0	-400	76	-479		
2.100	-169	-52	-26	76	-181	0	0	-338	102	-404		
2.125	-123	-38	-19	105	-168	0	0	-284	140	-339		
2.150	-79	-24	-12	129	-157	0	0	-233	172	-279		
2.200	-1	0	0	182	-135	0	0	-167	242	-200		
2.201	0	0	0	182	-134	0	0	-166	242	-199		
2.250	64	20	10	242	-114	0	0	0	321	-151		
2.300	116	36	18	294	-99	0	0	0	390	-132		
2.350	156	49	24	333	-85	0	0	0	443	-113		
2.375	171	53	26	352	-78	0	0	0	468	-104		
2.400	183	57	28	362	-72	0	0	0	482	-96		
2.450	198	62	30	370	-66	0	0	0	492	-87		
2.483	201	62	31	374	-76	0	0	0	497	-101		
2.500	200	62	31	376	-81	0	0	0	501	-108		
2.550	189	59	29	372	-97	0	0	0	494	-129		
2.600	166	52	25	358	-115	0	0	0	476	-153		
2.625	150	47	23	352	-124	0	0	0	469	-166		
2.650	130	41	20	332	-134	0	0	0	442	-178		
2.700	82	25	13	294	-154	0	0	0	391	-205		
2.750	21	6	3	244	-175	0	0	0	325	-233		
2.765	0	0	0	228	-183	0	0	-204	303	-245		
2.800	-53	-17	-8	187	-202	0	0	-236	248	-282		
2.850	-140	-43	-21	132	-231	0	0	-311	175	-372		
2.875	-188	-58	-29	106	-246	0	0	-357	141	-428		
2.888	-213	-66	-32	92	-253	0	0	-388	122	-465		
2.900	-239	-74	-36	84	-262	0	0	-418	112	-500		
2.950	-352	-109	-53	71	-294	0	0	-560	94	-671		
3.000	-478	-148	-72	76	-341	0	0	-712	101	-852		
3.000	-478	-148	-72	76	-340	0	0	-712	101	-852		
3.050	-355	-110	-54	59	-291	0	0	-559	78	-669		
3.100	-245	-76	-37	81	-260	0	0	-416	107	-498		
3.112	-220	-68	-34	93	-252	0	0	-382	124	-458		
3.125	-195	-61	-30	108	-244	0	0	-356	144	-427		
3.150	-148	-46	-23	132	-230	0	0	-309	175	-370		
3.200	-65	-20	-10	184	-200	0	0	-234	244	-281		
3.245	0	0	0	237	-176	0	0	-197	315	-235		
3.250	7	2	1	244	-174	0	0	0	324	-231		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
3.300	65	20	10	296	-153	0	0	0	393	-203		
3.350	110	34	17	335	-133	0	0	0	446	-177		
3.375	128	39	19	354	-123	0	0	0	470	-164		
3.400	143	44	22	360	-114	0	0	0	479	-152		
3.450	163	50	25	373	-97	0	0	0	496	-129		
3.500	171	53	26	378	-84	0	0	0	503	-112		
3.504	171	53	26	377	-84	0	0	0	501	-112		
3.550	166	51	25	373	-98	0	0	0	496	-130		
3.600	148	46	22	359	-115	0	0	0	478	-153		
3.625	134	41	20	353	-125	0	0	0	470	-166		
3.650	117	36	18	333	-134	0	0	0	443	-179		
3.700	74	23	11	295	-154	0	0	0	392	-205		
3.750	19	6	3	244	-175	0	0	0	325	-233		
3.765	0	0	0	228	-183	0	0	-204	304	-244		
3.800	-50	-15	-8	187	-202	0	0	-235	248	-282		
3.850	-131	-41	-20	131	-231	0	0	-311	175	-372		
3.875	-177	-55	-27	106	-246	0	0	-358	141	-428		
3.888	-200	-62	-30	92	-253	0	0	-389	122	-465		
3.900	-225	-70	-34	84	-261	0	0	-419	112	-501		
3.950	-332	-103	-50	71	-293	0	0	-561	94	-672		
4.000	-453	-140	-68	80	-341	0	0	-713	106	-854		
4.000	-453	-140	-68	80	-341	0	0	-713	106	-854		
4.050	-332	-102	-50	70	-293	0	0	-560	93	-671		
4.100	-223	-69	-34	84	-261	0	0	-417	111	-499		
4.113	-199	-61	-30	93	-253	0	0	-383	124	-459		
4.125	-174	-54	-26	108	-246	0	0	-357	144	-427		
4.150	-129	-40	-19	134	-231	0	0	-310	178	-371		
4.200	-46	-14	-7	184	-202	0	0	-235	245	-282		
4.232	0	0	0	221	-184	0	0	-206	294	-246		
4.250	23	7	4	244	-175	0	0	0	325	-232		
4.300	80	25	12	296	-154	0	0	0	394	-205		
4.350	123	38	19	336	-134	0	0	0	446	-178		
4.375	141	44	21	354	-124	0	0	0	471	-165		
4.400	155	48	24	361	-115	0	0	0	479	-153		
4.450	173	54	26	373	-98	0	0	0	496	-130		
4.499	180	56	27	378	-84	0	0	0	503	-112		
4.500	180	56	27	379	-84	0	0	0	504	-112		
4.550	173	53	26	373	-98	0	0	0	497	-130		
4.600	153	47	23	359	-115	0	0	0	478	-153		
4.625	139	43	21	354	-125	0	0	0	470	-166		
4.650	121	38	18	333	-134	0	0	0	443	-179		
4.700	77	24	12	295	-154	0	0	0	392	-205		
4.750	20	6	3	244	-175	0	0	0	325	-233		
4.765	0	0	0	228	-183	0	0	-204	303	-244		
4.800	-51	-16	-8	187	-202	0	0	-235	248	-282		
4.850	-133	-41	-20	131	-231	0	0	-311	175	-372		
4.875	-180	-56	-27	106	-246	0	0	-358	141	-428		
4.888	-204	-63	-31	92	-253	0	0	-389	122	-465		
4.900	-229	-71	-35	84	-261	0	0	-419	112	-501		
4.950	-338	-104	-51	70	-293	0	0	-561	94	-672		
5.000	-460	-142	-70	80	-341	0	0	-713	106	-854		
5.000	-460	-142	-70	80	-341	0	0	-713	106	-854		
5.050	-338	-105	-51	70	-293	0	0	-560	94	-670		
5.100	-230	-71	-35	84	-261	0	0	-417	112	-500		
5.113	-205	-63	-31	93	-253	0	0	-383	124	-459		
5.125	-180	-56	-27	108	-246	0	0	-357	144	-428		
5.150	-134	-42	-20	134	-231	0	0	-310	178	-371		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	MIN (ft-k)	TRUCK MAX (ft-k)	MIN (ft-k)
5.200	-52	-16	-8	184	-202	0	0	-235	245	-282		
5.236	0	0	0	227	-182	0	0	-203	302	-243		
5.250	18	5	3	244	-175	0	0	0	325	-232		
5.300	75	23	11	296	-154	0	0	0	394	-205		
5.350	119	37	18	336	-134	0	0	0	446	-178		
5.375	137	42	21	354	-124	0	0	0	471	-166		
5.400	151	47	23	361	-115	0	0	0	479	-153		
5.450	170	53	26	373	-98	0	0	0	496	-130		
5.500	176	55	27	379	-84	0	0	0	504	-112		
5.550	170	53	26	373	-97	0	0	0	497	-129		
5.600	151	47	23	359	-115	0	0	0	478	-153		
5.625	137	42	21	353	-124	0	0	0	470	-165		
5.650	119	37	18	333	-134	0	0	0	443	-178		
5.700	75	23	11	295	-154	0	0	0	392	-205		
5.750	18	6	3	244	-175	0	0	0	325	-232		
5.764	0	0	0	229	-182	0	0	-203	304	-243		
5.800	-52	-16	-8	186	-202	0	0	-235	248	-281		
5.850	-134	-41	-20	131	-230	0	0	-311	175	-372		
5.875	-180	-56	-27	106	-245	0	0	-358	141	-428		
5.888	-204	-63	-31	92	-253	0	0	-389	122	-465		
5.900	-229	-71	-35	82	-261	0	0	-418	109	-501		
5.950	-338	-104	-51	63	-293	0	0	-561	83	-672		
6.000	-460	-142	-70	76	-341	0	0	-713	101	-853		
6.000	-460	-142	-70	76	-340	0	0	-713	101	-853		
6.050	-337	-104	-51	71	-293	0	0	-560	94	-670		
6.100	-229	-71	-35	84	-262	0	0	-417	112	-499		
6.112	-203	-63	-31	93	-253	0	0	-383	124	-459		
6.125	-179	-55	-27	108	-246	0	0	-357	144	-427		
6.150	-133	-41	-20	134	-231	0	0	-310	178	-371		
6.200	-50	-16	-8	184	-202	0	0	-235	245	-282		
6.235	0	0	0	225	-183	0	0	-204	299	-244		
6.250	20	6	3	244	-175	0	0	0	325	-232		
6.300	77	24	12	296	-154	0	0	0	394	-205		
6.350	122	38	19	335	-134	0	0	0	446	-178		
6.375	139	43	21	354	-124	0	0	0	470	-166		
6.400	154	47	23	360	-115	0	0	0	479	-153		
6.450	173	53	26	373	-98	0	0	0	495	-130		
6.500	180	55	27	378	-82	0	0	0	503	-108		
6.501	180	55	27	378	-81	0	0	0	502	-108		
6.550	173	54	26	373	-82	0	0	0	496	-109		
6.600	155	48	24	359	-97	0	0	0	477	-129		
6.625	141	43	21	353	-106	0	0	0	470	-140		
6.650	123	38	19	333	-114	0	0	0	443	-152		
6.700	79	24	12	294	-132	0	0	0	391	-175		
6.750	23	7	3	244	-150	0	0	0	324	-200		
6.767	0	0	0	224	-159	0	0	-177	297	-212		
6.800	-47	-15	-7	183	-176	0	0	-209	244	-251		
6.850	-129	-40	-20	131	-203	0	0	-282	174	-337		
6.875	-175	-54	-27	105	-217	0	0	-326	139	-390		
6.900	-224	-70	-34	81	-232	0	0	-391	107	-468		
6.950	-332	-103	-50	60	-262	0	0	-526	80	-630		
7.000	-453	-140	-69	76	-325	0	0	-671	101	-803		
7.000	-453	-140	-69	76	-323	0	0	-672	101	-804		
7.050	-353	-109	-54	72	-298	0	0	-550	96	-658		
7.100	-261	-81	-40	75	-274	0	0	-434	100	-520		
7.125	-219	-68	-33	85	-262	0	0	-376	113	-451		
7.150	-178	-55	-27	105	-250	0	0	-335	140	-401		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-5 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).													
LANE POSITION: MULTIPLE LANE WITH IMPACT													

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	(ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
0.000	0	0	0	0	0	0	0	0	0	-1		
0.625	0	0	0	0	-6	0	0	-7	0	-8		
1.000	0	0	0	0	-10	0	0	-11	0	-13		
1.000	0	0	0	1	-10	0	0	-11	1	-13		
1.000	0	0	0	1	-9	0	0	-10	1	-13		
1.049	39	12	6	108	-11	0	0	0	143	-15		
1.050	40	12	6	109	-12	0	0	0	145	-15		
1.100	74	23	11	191	-23	0	0	0	254	-31		
1.109	79	24	12	206	-25	0	0	0	274	-33		
1.127	90	27	14	231	-29	0	0	0	307	-39		
1.143	98	30	15	244	-33	0	0	0	324	-44		
1.150	101	31	15	252	-35	0	0	0	335	-46		
1.200	123	37	19	304	-46	0	0	0	405	-61		
1.250	138	42	21	340	-58	0	0	0	453	-77		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.286	145	44	22	365	-66	0	0	0	485	-88		
1.300	147	45	22	366	-70	0	0	0	486	-93		
1.343	149	45	22	384	-80	0	0	0	511	-107		
1.350	149	45	22	384	-82	0	0	0	511	-109		
1.400	145	44	22	392	-95	0	0	0	522	-126		
1.450	135	41	20	393	-108	0	0	0	523	-143		
1.464	131	40	19	397	-111	0	0	0	528	-148		
1.500	119	36	17	382	-121	0	0	0	508	-161		
1.550	96	29	14	364	-135	0	0	0	485	-179		
1.600	68	20	10	337	-149	0	0	0	449	-198		
1.643	38	11	5	314	-162	0	0	0	418	-215		
1.650	33	9	4	308	-164	0	0	0	410	-218		
1.690	0	-1	-1	280	-179	0	0	-241	373	-289		
1.700	-9	-4	-2	270	-183	0	0	-246	360	-295		
1.750	-57	-18	-9	230	-202	0	0	-272	305	-325		
1.800	-110	-35	-17	179	-222	0	0	-298	238	-357		
1.821	-135	-42	-21	157	-231	0	0	-309	208	-370		
1.850	-171	-53	-26	121	-243	0	0	-325	160	-390		
1.893	-227	-71	-35	80	-261	0	0	-365	107	-437		
1.900	-237	-74	-36	75	-264	0	0	-379	100	-454		
1.950	-310	-96	-47	69	-286	0	0	-489	92	-585		
2.000	-389	-120	-59	73	-308	0	0	-606	97	-725		
2.000	-389	-120	-59	73	-311	0	0	-605	97	-725		
2.050	-272	-84	-41	57	-220	0	0	-452	75	-542		
2.075	-219	-68	-33	61	-197	0	0	-381	81	-456		
2.100	-169	-52	-26	94	-184	0	0	-312	125	-374		
2.125	-123	-38	-19	135	-172	0	0	-247	179	-296		
2.150	-79	-24	-12	164	-160	0	0	-194	218	-232		
2.200	-1	0	0	230	-137	0	0	-152	305	-182		
2.201	0	0	0	230	-136	0	0	-152	305	-181		
2.250	64	20	10	290	-116	0	0	0	385	-154		
2.300	116	36	18	333	-101	0	0	0	442	-134		
2.350	156	49	24	371	-87	0	0	0	493	-115		
2.375	171	53	26	393	-80	0	0	0	523	-106		
2.400	183	57	28	403	-73	0	0	0	536	-98		
2.450	198	62	30	408	-64	0	0	0	543	-85		
2.483	201	62	31	410	-72	0	0	0	545	-96		
2.500	200	62	31	417	-77	0	0	0	555	-102		
2.550	189	59	29	409	-92	0	0	0	544	-122		
2.600	166	52	25	398	-109	0	0	0	529	-145		
2.625	150	47	23	394	-118	0	0	0	524	-157		
2.650	130	41	20	372	-127	0	0	0	495	-169		
2.700	82	25	13	334	-146	0	0	0	445	-194		
2.750	21	6	3	291	-166	0	0	0	387	-220		
2.765	0	0	0	277	-174	0	0	-232	368	-278		
2.800	-53	-17	-8	238	-192	0	0	-256	316	-307		
2.850	-140	-43	-21	169	-220	0	0	-293	224	-350		
2.875	-188	-58	-29	135	-235	0	0	-311	179	-373		
2.888	-213	-66	-32	112	-242	0	0	-328	149	-393		
2.900	-239	-74	-36	98	-250	0	0	-363	131	-434		
2.950	-352	-109	-53	67	-281	0	0	-514	89	-616		
3.000	-478	-148	-72	72	-328	0	0	-681	96	-815		
3.000	-478	-148	-72	72	-328	0	0	-681	96	-815		
3.050	-355	-110	-54	56	-279	0	0	-516	74	-617		
3.100	-245	-76	-37	99	-248	0	0	-361	131	-433		
3.112	-220	-68	-34	120	-240	0	0	-327	160	-391		
3.125	-195	-61	-30	139	-233	0	0	-308	185	-368		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
3.150	-148	-46	-23	167	-219	0	0	-289	222	-346		
3.200	-65	-20	-10	232	-191	0	0	-254	308	-304		
3.245	0	0	0	284	-167	0	0	-222	377	-266		
3.250	7	2	1	291	-164	0	0	0	388	-219		
3.300	65	20	10	335	-145	0	0	0	445	-193		
3.350	110	34	17	373	-126	0	0	0	496	-168		
3.375	128	39	19	395	-117	0	0	0	525	-156		
3.400	143	44	22	398	-108	0	0	0	529	-144		
3.450	163	50	25	410	-92	0	0	0	546	-122		
3.500	171	53	26	419	-79	0	0	0	557	-106		
3.504	171	53	26	417	-79	0	0	0	554	-106		
3.550	166	51	25	411	-92	0	0	0	546	-123		
3.600	148	46	22	398	-109	0	0	0	530	-145		
3.625	134	41	20	395	-118	0	0	0	525	-157		
3.650	117	36	18	373	-127	0	0	0	496	-169		
3.700	74	23	11	334	-146	0	0	0	445	-194		
3.750	19	6	3	291	-166	0	0	0	387	-220		
3.765	0	0	0	277	-173	0	0	-232	368	-277		
3.800	-50	-15	-8	238	-192	0	0	-256	316	-307		
3.850	-131	-41	-20	168	-220	0	0	-293	224	-350		
3.875	-177	-55	-27	134	-234	0	0	-311	179	-373		
3.888	-200	-62	-30	112	-242	0	0	-329	149	-394		
3.900	-225	-70	-34	98	-250	0	0	-363	131	-435		
3.950	-332	-103	-50	67	-280	0	0	-515	89	-617		
4.000	-453	-140	-68	75	-329	0	0	-682	100	-816		
4.000	-453	-140	-68	75	-329	0	0	-681	100	-816		
4.050	-332	-102	-50	66	-280	0	0	-516	88	-618		
4.100	-223	-69	-34	99	-249	0	0	-362	131	-433		
4.113	-199	-61	-30	121	-241	0	0	-328	160	-393		
4.125	-174	-54	-26	139	-234	0	0	-311	185	-372		
4.150	-129	-40	-19	175	-220	0	0	-292	233	-350		
4.200	-46	-14	-7	232	-192	0	0	-256	308	-307		
4.232	0	0	0	267	-175	0	0	-234	355	-280		
4.250	23	7	4	292	-165	0	0	0	388	-220		
4.300	80	25	12	335	-146	0	0	0	445	-194		
4.350	123	38	19	373	-127	0	0	0	496	-169		
4.375	141	44	21	395	-118	0	0	0	526	-157		
4.400	155	48	24	398	-109	0	0	0	529	-145		
4.450	173	54	26	411	-92	0	0	0	546	-123		
4.499	180	56	27	419	-80	0	0	0	557	-106		
4.500	180	56	27	419	-80	0	0	0	557	-106		
4.550	173	53	26	411	-92	0	0	0	546	-123		
4.600	153	47	23	399	-109	0	0	0	530	-145		
4.625	139	43	21	395	-118	0	0	0	525	-157		
4.650	121	38	18	373	-127	0	0	0	496	-169		
4.700	77	24	12	334	-146	0	0	0	445	-194		
4.750	20	6	3	291	-166	0	0	0	387	-220		
4.765	0	0	0	276	-173	0	0	-232	368	-278		
4.800	-51	-16	-8	238	-192	0	0	-256	316	-307		
4.850	-133	-41	-20	168	-220	0	0	-293	224	-350		
4.875	-180	-56	-27	134	-234	0	0	-311	179	-372		
4.888	-204	-63	-31	112	-241	0	0	-329	149	-394		
4.900	-229	-71	-35	98	-250	0	0	-363	131	-435		
4.950	-338	-104	-51	67	-280	0	0	-515	88	-617		
5.000	-460	-142	-70	76	-329	0	0	-682	100	-816		
5.000	-460	-142	-70	76	-329	0	0	-682	100	-816		
5.050	-338	-105	-51	67	-280	0	0	-516	89	-618		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
5.100	-230	-71	-35	99	-249	0	0	-362	131	-433		
5.113	-205	-63	-31	121	-241	0	0	-328	160	-393		
5.125	-180	-56	-27	139	-234	0	0	-311	185	-372		
5.150	-134	-42	-20	173	-220	0	0	-292	230	-350		
5.200	-52	-16	-8	232	-192	0	0	-256	309	-307		
5.236	0	0	0	271	-173	0	0	-231	361	-277		
5.250	18	5	3	292	-166	0	0	0	388	-220		
5.300	75	23	11	335	-146	0	0	0	446	-194		
5.350	119	37	18	373	-127	0	0	0	496	-169		
5.375	137	42	21	395	-118	0	0	0	526	-157		
5.400	151	47	23	398	-109	0	0	0	529	-145		
5.450	170	53	26	411	-92	0	0	0	546	-123		
5.500	176	55	27	419	-80	0	0	0	557	-106		
5.550	170	53	26	411	-92	0	0	0	546	-122		
5.600	151	47	23	398	-109	0	0	0	530	-145		
5.625	137	42	21	395	-118	0	0	0	525	-156		
5.650	119	37	18	373	-127	0	0	0	496	-169		
5.700	75	23	11	334	-146	0	0	0	445	-194		
5.750	18	6	3	291	-165	0	0	0	387	-220		
5.764	0	0	0	277	-173	0	0	-231	368	-276		
5.800	-52	-16	-8	237	-192	0	0	-255	316	-306		
5.850	-134	-41	-20	168	-220	0	0	-292	224	-349		
5.875	-180	-56	-27	134	-234	0	0	-310	179	-371		
5.888	-204	-63	-31	112	-241	0	0	-329	149	-393		
5.900	-229	-71	-35	98	-249	0	0	-363	131	-435		
5.950	-338	-104	-51	60	-280	0	0	-515	80	-617		
6.000	-460	-142	-70	72	-328	0	0	-681	95	-816		
6.000	-460	-142	-70	72	-329	0	0	-681	95	-816		
6.050	-337	-104	-51	67	-280	0	0	-516	89	-618		
6.100	-229	-71	-35	99	-250	0	0	-362	132	-433		
6.112	-203	-63	-31	121	-241	0	0	-328	161	-393		
6.125	-179	-55	-27	139	-234	0	0	-311	185	-372		
6.150	-133	-41	-20	174	-220	0	0	-292	231	-350		
6.200	-50	-16	-8	232	-192	0	0	-256	309	-307		
6.235	0	0	0	270	-174	0	0	-232	358	-278		
6.250	20	6	3	292	-166	0	0	0	388	-220		
6.300	77	24	12	335	-146	0	0	0	445	-194		
6.350	122	38	19	373	-127	0	0	0	496	-169		
6.375	139	43	21	395	-118	0	0	0	525	-157		
6.400	154	47	23	398	-109	0	0	0	529	-145		
6.450	173	53	26	410	-92	0	0	0	546	-123		
6.500	180	55	27	419	-77	0	0	0	557	-103		
6.501	180	55	27	418	-77	0	0	0	556	-102		
6.550	173	54	26	410	-80	0	0	0	546	-107		
6.600	155	48	24	398	-95	0	0	0	529	-126		
6.625	141	43	21	395	-103	0	0	0	525	-137		
6.650	123	38	19	372	-111	0	0	0	495	-148		
6.700	79	24	12	335	-129	0	0	0	445	-171		
6.750	23	7	3	291	-147	0	0	0	387	-195		
6.767	0	0	0	272	-156	0	0	-175	362	-209		
6.800	-47	-15	-7	231	-172	0	0	-194	307	-232		
6.850	-129	-40	-20	167	-199	0	0	-228	223	-273		
6.875	-175	-54	-27	133	-213	0	0	-278	177	-332		
6.900	-224	-70	-34	97	-227	0	0	-346	129	-415		
6.950	-332	-103	-50	57	-257	0	0	-495	76	-593		
7.000	-453	-140	-69	72	-315	0	0	-657	96	-787		
7.000	-453	-140	-69	72	-316	0	0	-658	96	-787		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE		MAX	MIN
	MOMENT	MOMENT	MOMENT						MAX	MIN		
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
7.050	-353	-109	-54	68	-285	0	0	-524	91	-627		
7.100	-261	-81	-40	82	-261	0	0	-398	109	-477		
7.125	-219	-68	-33	102	-249	0	0	-339	136	-406		
7.150	-178	-55	-27	136	-238	0	0	-316	181	-379		
7.156	-168	-52	-26	145	-235	0	0	-312	193	-374		
7.200	-103	-32	-16	197	-216	0	0	-288	262	-345		
7.250	-36	-11	-6	249	-194	0	0	-260	331	-311		
7.280	0	0	0	273	-182	0	0	-244	363	-292		
7.300	23	7	3	293	-174	0	0	0	390	-232		
7.312	36	11	5	305	-169	0	0	0	406	-225		
7.350	74	23	11	337	-158	0	0	0	448	-210		
7.400	118	36	18	374	-143	0	0	0	498	-190		
7.450	154	47	23	403	-129	0	0	0	537	-172		
7.469	166	51	25	415	-124	0	0	0	552	-165		
7.500	182	56	27	424	-116	0	0	0	565	-154		
7.550	202	62	30	438	-103	0	0	0	582	-137		
7.600	214	65	32	444	-91	0	0	0	591	-121		
7.625	217	66	32	446	-85	0	0	0	593	-113		
7.643	217	66	32	442	-81	0	0	0	587	-108		
7.650	217	66	32	438	-79	0	0	0	582	-106		
7.664	217	66	32	429	-76	0	0	0	570	-101		
7.700	212	64	32	425	-68	0	0	0	566	-91		
7.703	212	64	32	426	-67	0	0	0	566	-90		
7.750	197	60	29	396	-57	0	0	0	526	-75		
7.800	174	53	26	351	-45	0	0	0	466	-60		
7.850	143	43	21	292	-34	0	0	0	389	-45		
7.852	141	43	21	290	-33	0	0	0	385	-44		
7.889	113	34	17	239	-25	0	0	0	318	-33		
7.900	103	31	16	222	-22	0	0	0	295	-30		
7.905	99	30	15	215	-21	0	0	0	285	-28		
7.950	56	17	8	125	-11	0	0	0	167	-15		
7.958	48	14	7	106	-10	0	0	0	141	-13		
8.000	0	0	0	1	-6	0	0	-7	1	-9		
8.000	0	0	0	1	-6	0	0	-8	1	-9		
8.000	0	0	0	0	-5	0	0	-6	0	-7		
8.375	0	0	0	0	-3	0	0	-4	0	-4		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 MIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED		FATIGUE	
	A-DC	B-DC	DW						TRUCK+LANE		TRUCK	
	FRAC	MOMENT (ft-k)	MOMENT (ft-k)	MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)
0.000	0	0	0	0	0	0	0	0	0	0		
0.625	0	0	0	0	-6	0	0	-7	0	-9		
1.000	0	0	0	0	-10	0	0	-11	0	-14		
1.000	0	0	0	1	-10	0	0	-11	1	-14		
1.000	0	0	0	1	-10	0	0	-11	1	-13		
1.049	39	12	6	89	-9	0	0	0	118	-12		
1.050	40	12	6	90	-9	0	0	0	119	-12		
1.100	74	23	11	158	-18	0	0	0	210	-24		
1.109	79	24	12	170	-20	0	0	0	227	-26		
1.127	90	27	14	191	-23	0	0	0	255	-31		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.143	98	30	15	199	-26	0	0	0	265	-34		
1.150	101	31	15	203	-27	0	0	0	270	-36		
1.200	123	37	19	244	-36	0	0	0	324	-48		
1.250	138	42	21	274	-45	0	0	0	365	-60		
1.286	145	44	22	293	-52	0	0	0	390	-69		
1.300	147	45	22	295	-55	0	0	0	392	-73		
1.343	149	45	22	308	-63	0	0	0	410	-84		
1.350	149	45	22	308	-64	0	0	0	410	-86		
1.400	145	44	22	316	-74	0	0	0	420	-99		
1.450	135	41	20	315	-84	0	0	0	419	-112		
1.464	131	40	19	317	-87	0	0	0	421	-116		
1.500	119	36	17	306	-95	0	0	0	407	-126		
1.550	96	29	14	294	-106	0	0	0	390	-141		
1.600	68	20	10	272	-117	0	0	0	362	-156		
1.643	38	11	5	252	-127	0	0	0	335	-169		
1.650	33	9	4	247	-129	0	0	0	328	-171		
1.690	0	-1	-1	226	-141	0	0	-201	300	-240		
1.700	-9	-4	-2	220	-144	0	0	-205	292	-245		
1.750	-57	-18	-9	187	-159	0	0	-226	249	-271		
1.800	-110	-35	-17	147	-174	0	0	-248	196	-297		
1.821	-135	-42	-21	129	-181	0	0	-258	171	-308		
1.850	-171	-53	-26	101	-191	0	0	-271	135	-324		
1.893	-227	-71	-35	66	-204	0	0	-290	88	-347		
1.900	-237	-74	-36	63	-207	0	0	-296	84	-354		
1.950	-310	-96	-47	54	-225	0	0	-377	72	-451		
2.000	-389	-120	-59	57	-241	0	0	-473	76	-566		
2.000	-389	-120	-59	57	-244	0	0	-473	76	-566		
2.050	-272	-84	-41	45	-173	0	0	-349	59	-417		
2.075	-219	-68	-33	54	-155	0	0	-288	72	-345		
2.100	-169	-52	-26	80	-145	0	0	-234	106	-280		
2.125	-123	-38	-19	110	-135	0	0	-184	147	-220		
2.150	-79	-24	-12	137	-126	0	0	-147	183	-175		
2.200	-1	0	0	189	-108	0	0	-120	251	-143		
2.201	0	0	0	189	-107	0	0	-119	251	-143		
2.250	64	20	10	232	-91	0	0	0	308	-121		
2.300	116	36	18	270	-79	0	0	0	359	-105		
2.350	156	49	24	299	-68	0	0	0	397	-90		
2.375	171	53	26	314	-63	0	0	0	417	-83		
2.400	183	57	28	322	-58	0	0	0	428	-77		
2.450	198	62	30	328	-50	0	0	0	436	-67		
2.483	201	62	31	330	-56	0	0	0	439	-75		
2.500	200	62	31	332	-60	0	0	0	442	-80		
2.550	189	59	29	328	-72	0	0	0	437	-96		
2.600	166	52	25	319	-85	0	0	0	424	-113		
2.625	150	47	23	314	-92	0	0	0	418	-123		
2.650	130	41	20	299	-99	0	0	0	398	-132		
2.700	82	25	13	270	-114	0	0	0	359	-152		
2.750	21	6	3	233	-130	0	0	0	309	-173		
2.765	0	0	0	222	-136	0	0	-194	295	-232		
2.800	-53	-17	-8	191	-151	0	0	-214	254	-256		
2.850	-140	-43	-21	139	-173	0	0	-244	185	-292		
2.875	-188	-58	-29	112	-184	0	0	-260	149	-311		
2.888	-213	-66	-32	96	-190	0	0	-267	128	-320		
2.900	-239	-74	-36	86	-196	0	0	-277	114	-331		
2.950	-352	-109	-53	52	-220	0	0	-394	70	-472		
3.000	-478	-148	-72	56	-258	0	0	-528	75	-632		
3.000	-478	-148	-72	56	-258	0	0	-528	75	-632		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK	TRUCK+LANE	MIN	MAX	MIN
FRAC	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
3.050	-355	-110	-54	44	-219	0	0	-393	58	-471		
3.100	-245	-76	-37	84	-195	0	0	-276	112	-330		
3.112	-220	-68	-34	98	-188	0	0	-265	130	-317		
3.125	-195	-61	-30	113	-183	0	0	-257	151	-308		
3.150	-148	-46	-23	140	-172	0	0	-242	186	-290		
3.200	-65	-20	-10	190	-150	0	0	-212	253	-254		
3.245	0	0	0	228	-131	0	0	-186	304	-223		
3.250	7	2	1	233	-129	0	0	0	310	-172		
3.300	65	20	10	271	-114	0	0	0	360	-151		
3.350	110	34	17	300	-99	0	0	0	399	-132		
3.375	128	39	19	315	-92	0	0	0	419	-122		
3.400	143	44	22	320	-85	0	0	0	425	-113		
3.450	163	50	25	330	-72	0	0	0	438	-95		
3.500	171	53	26	333	-62	0	0	0	443	-83		
3.504	171	53	26	332	-62	0	0	0	442	-83		
3.550	166	51	25	329	-72	0	0	0	438	-96		
3.600	148	46	22	319	-85	0	0	0	425	-113		
3.625	134	41	20	315	-92	0	0	0	419	-123		
3.650	117	36	18	300	-99	0	0	0	398	-132		
3.700	74	23	11	270	-114	0	0	0	359	-152		
3.750	19	6	3	233	-130	0	0	0	309	-173		
3.765	0	0	0	221	-136	0	0	-193	294	-232		
3.800	-50	-15	-8	190	-151	0	0	-214	253	-256		
3.850	-131	-41	-20	139	-173	0	0	-244	185	-292		
3.875	-177	-55	-27	112	-184	0	0	-259	148	-311		
3.888	-200	-62	-30	96	-189	0	0	-267	128	-320		
3.900	-225	-70	-34	86	-196	0	0	-277	114	-331		
3.950	-332	-103	-50	52	-220	0	0	-395	69	-473		
4.000	-453	-140	-68	59	-258	0	0	-529	79	-633		
4.000	-453	-140	-68	59	-258	0	0	-529	79	-633		
4.050	-332	-102	-50	52	-220	0	0	-393	69	-471		
4.100	-223	-69	-34	84	-196	0	0	-277	112	-331		
4.113	-199	-61	-30	98	-189	0	0	-267	130	-320		
4.125	-174	-54	-26	114	-184	0	0	-260	151	-311		
4.150	-129	-40	-19	143	-173	0	0	-244	190	-292		
4.200	-46	-14	-7	190	-151	0	0	-214	253	-256		
4.232	0	0	0	216	-137	0	0	-195	287	-234		
4.250	23	7	4	233	-130	0	0	0	310	-173		
4.300	80	25	12	271	-114	0	0	0	361	-152		
4.350	123	38	19	300	-100	0	0	0	400	-132		
4.375	141	44	21	315	-92	0	0	0	419	-123		
4.400	155	48	24	320	-85	0	0	0	426	-114		
4.450	173	54	26	330	-72	0	0	0	438	-96		
4.499	180	56	27	333	-63	0	0	0	443	-83		
4.500	180	56	27	334	-63	0	0	0	444	-83		
4.550	173	53	26	329	-72	0	0	0	438	-96		
4.600	153	47	23	319	-85	0	0	0	425	-113		
4.625	139	43	21	315	-92	0	0	0	419	-123		
4.650	121	38	18	300	-100	0	0	0	398	-132		
4.700	77	24	12	270	-114	0	0	0	359	-152		
4.750	20	6	3	233	-130	0	0	0	309	-173		
4.765	0	0	0	221	-136	0	0	-194	294	-232		
4.800	-51	-16	-8	190	-151	0	0	-214	253	-256		
4.850	-133	-41	-20	139	-173	0	0	-244	185	-292		
4.875	-180	-56	-27	112	-184	0	0	-259	148	-310		
4.888	-204	-63	-31	96	-189	0	0	-267	128	-320		
4.900	-229	-71	-35	86	-196	0	0	-277	114	-331		
4.950	-338	-104	-51	52	-220	0	0	-395	69	-472		

UNFACTORED MOMENT SUMMARY													
GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *													
LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.													
LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE).													
LANE POSITION: MULTIPLE LANE WITH IMPACT													
SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
5.000		-460	-142	-70	59	-258	0	0	-529	79	-633		
5.000		-460	-142	-70	59	-258	0	0	-529	79	-633		
5.050		-338	-105	-51	52	-220	0	0	-393	69	-471		
5.100		-230	-71	-35	84	-196	0	0	-277	112	-332		
5.113		-205	-63	-31	98	-189	0	0	-267	130	-320		
5.125		-180	-56	-27	114	-184	0	0	-260	151	-311		
5.150		-134	-42	-20	142	-173	0	0	-244	189	-292		
5.200		-52	-16	-8	190	-151	0	0	-214	253	-256		
5.236		0	0	0	220	-136	0	0	-193	293	-231		
5.250		18	5	3	233	-130	0	0	0	310	-173		
5.300		75	23	11	271	-114	0	0	0	361	-152		
5.350		119	37	18	300	-100	0	0	0	400	-133		
5.375		137	42	21	315	-92	0	0	0	419	-123		
5.400		151	47	23	320	-85	0	0	0	426	-114		
5.450		170	53	26	330	-72	0	0	0	438	-96		
5.500		176	55	27	334	-62	0	0	0	444	-83		
5.550		170	53	26	329	-72	0	0	0	438	-96		
5.600		151	47	23	319	-85	0	0	0	425	-113		
5.625		137	42	21	315	-92	0	0	0	419	-123		
5.650		119	37	18	300	-99	0	0	0	398	-132		
5.700		75	23	11	270	-114	0	0	0	359	-152		
5.750		18	6	3	232	-130	0	0	0	309	-173		
5.764		0	0	0	221	-136	0	0	-192	294	-230		
5.800		-52	-16	-8	190	-151	0	0	-213	253	-255		
5.850		-134	-41	-20	139	-172	0	0	-243	185	-291		
5.875		-180	-56	-27	111	-183	0	0	-259	148	-310		
5.888		-204	-63	-31	96	-189	0	0	-266	128	-319		
5.900		-229	-71	-35	86	-195	0	0	-276	114	-331		
5.950		-338	-104	-51	47	-220	0	0	-395	63	-472		
6.000		-460	-142	-70	56	-258	0	0	-528	75	-633		
6.000		-460	-142	-70	56	-258	0	0	-528	75	-633		
6.050		-337	-104	-51	52	-220	0	0	-393	70	-471		
6.100		-229	-71	-35	84	-196	0	0	-277	112	-332		
6.112		-203	-63	-31	98	-190	0	0	-267	130	-320		
6.125		-179	-55	-27	114	-184	0	0	-260	151	-311		
6.150		-133	-41	-20	143	-173	0	0	-244	190	-293		
6.200		-50	-16	-8	190	-151	0	0	-214	253	-257		
6.235		0	0	0	219	-136	0	0	-194	291	-232		
6.250		20	6	3	233	-130	0	0	0	310	-173		
6.300		77	24	12	271	-114	0	0	0	361	-152		
6.350		122	38	19	300	-100	0	0	0	399	-132		
6.375		139	43	21	315	-92	0	0	0	419	-123		
6.400		154	47	23	320	-85	0	0	0	426	-114		
6.450		173	53	26	329	-72	0	0	0	438	-96		
6.500		180	55	27	333	-61	0	0	0	443	-81		
6.501		180	55	27	333	-60	0	0	0	443	-80		
6.550		173	54	26	329	-63	0	0	0	438	-84		
6.600		155	48	24	319	-75	0	0	0	424	-99		
6.625		141	43	21	315	-81	0	0	0	418	-108		
6.650		123	38	19	299	-88	0	0	0	398	-116		
6.700		79	24	12	270	-101	0	0	0	359	-134		
6.750		23	7	3	233	-115	0	0	0	310	-153		
6.767		0	0	0	219	-122	0	0	-143	291	-171		
6.800		-47	-15	-7	188	-135	0	0	-158	250	-190		
6.850		-129	-40	-20	138	-156	0	0	-183	184	-220		
6.875		-175	-54	-27	110	-167	0	0	-207	147	-247		
6.900		-224	-70	-34	84	-178	0	0	-257	112	-308		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-7 (ContiMIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
6.950	-332	-103	-50	45	-202	0	0	-379	60	-454		
7.000	-453	-140	-69	56	-247	0	0	-510	75	-611		
7.000	-453	-140	-69	56	-248	0	0	-512	75	-612		
7.050	-353	-109	-54	53	-224	0	0	-402	71	-482		
7.100	-261	-81	-40	68	-205	0	0	-300	90	-359		
7.125	-219	-68	-33	86	-196	0	0	-276	115	-331		
7.150	-178	-55	-27	111	-187	0	0	-264	148	-316		
7.156	-168	-52	-26	119	-184	0	0	-261	158	-312		
7.200	-103	-32	-16	159	-169	0	0	-240	212	-288		
7.250	-36	-11	-6	200	-153	0	0	-217	266	-260		
7.280	0	0	0	221	-143	0	0	-204	295	-244		
7.300	23	7	3	235	-137	0	0	0	313	-182		
7.312	36	11	5	244	-133	0	0	0	324	-177		
7.350	74	23	11	269	-124	0	0	0	358	-165		
7.400	118	36	18	299	-112	0	0	0	397	-149		
7.450	154	47	23	322	-101	0	0	0	428	-135		
7.469	166	51	25	331	-97	0	0	0	440	-130		
7.500	182	56	27	338	-91	0	0	0	450	-121		
7.550	202	62	30	349	-81	0	0	0	464	-108		
7.600	214	65	32	354	-71	0	0	0	471	-95		
7.625	217	66	32	355	-67	0	0	0	472	-89		
7.643	217	66	32	351	-64	0	0	0	467	-85		
7.650	217	66	32	350	-62	0	0	0	465	-83		
7.664	217	66	32	344	-60	0	0	0	458	-80		
7.700	212	64	32	340	-54	0	0	0	452	-71		
7.703	212	64	32	340	-53	0	0	0	453	-71		
7.750	197	60	29	316	-44	0	0	0	420	-59		
7.800	174	53	26	283	-35	0	0	0	377	-47		
7.850	143	43	21	240	-26	0	0	0	319	-35		
7.852	141	43	21	237	-26	0	0	0	316	-35		
7.889	113	34	17	197	-20	0	0	0	262	-26		
7.900	103	31	16	183	-18	0	0	0	243	-23		
7.905	99	30	15	177	-17	0	0	0	235	-22		
7.950	56	17	8	103	-9	0	0	0	137	-12		
7.958	48	14	7	87	-8	0	0	0	116	-11		
8.000	0	0	0	1	-6	0	0	-7	1	-9		
8.000	0	0	0	1	-6	0	0	-8	1	-9		
8.000	0	0	0	0	-6	0	0	-6	0	-7		
8.375	0	0	0	0	-3	0	0	-4	0	-5		
9.000	0	0	0	0	0	0	0	0	0	0		

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-8 MIN COMBINED is the larger of: (1.33*TRK+LANE) and 0.9*(1.33*DTRK+LANE).
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD		DW MOMENT (ft-k)	TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)		MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)	
0.000	0	0	0	0	0	0	0	0	0	0		
0.625	0	0	0	0	-7	0	0	-7	0	-9		
1.000	0	0	0	0	-11	0	0	-12	0	-14		
1.000	0	0	0	0	-11	0	0	-12	0	-14		
1.049	39	12	6	59	-8	0	0	0	78	-11		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3

* * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10

Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK MIN (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
1.050	40	12	6	59	-8	0	0	0	78	-10		
1.100	74	23	11	104	-11	0	0	0	138	-15		
1.109	79	24	12	112	-12	0	0	0	149	-17		
1.127	90	27	14	126	-15	0	0	0	168	-19		
1.143	98	30	15	129	-16	0	0	0	171	-22		
1.150	101	31	15	132	-17	0	0	0	176	-23		
1.200	123	37	19	156	-23	0	0	0	207	-30		
1.250	138	42	21	175	-29	0	0	0	233	-38		
1.286	145	44	22	193	-33	0	0	0	257	-44		
1.300	147	45	22	191	-35	0	0	0	254	-46		
1.343	149	45	22	199	-40	0	0	0	265	-53		
1.350	149	45	22	195	-41	0	0	0	259	-54		
1.400	145	44	22	201	-47	0	0	0	267	-62		
1.450	135	41	20	201	-53	0	0	0	268	-71		
1.464	131	40	19	207	-55	0	0	0	275	-73		
1.500	119	36	17	194	-60	0	0	0	258	-80		
1.550	96	29	14	186	-67	0	0	0	248	-89		
1.600	68	20	10	172	-74	0	0	0	229	-98		
1.643	38	11	5	166	-80	0	0	0	221	-106		
1.650	33	9	4	161	-81	0	0	0	214	-108		
1.690	0	-1	-1	146	-89	0	0	-135	194	-162		
1.700	-9	-4	-2	138	-91	0	0	-138	183	-165		
1.750	-57	-18	-9	124	-100	0	0	-152	165	-182		
1.800	-110	-35	-17	93	-110	0	0	-167	124	-199		
1.821	-135	-42	-21	88	-114	0	0	-173	117	-207		
1.850	-171	-53	-26	64	-120	0	0	-182	85	-217		
1.893	-227	-71	-35	46	-129	0	0	-196	61	-235		
1.900	-237	-74	-36	41	-131	0	0	-199	55	-238		
1.950	-310	-96	-47	34	-142	0	0	-231	46	-277		
2.000	-389	-120	-59	36	-153	0	0	-295	48	-353		
2.000	-389	-120	-59	36	-154	0	0	-295	48	-353		
2.050	-272	-84	-41	30	-109	0	0	-213	40	-255		
2.075	-219	-68	-33	39	-98	0	0	-173	51	-207		
2.100	-169	-52	-26	49	-92	0	0	-135	66	-161		
2.125	-123	-38	-19	76	-86	0	0	-106	101	-127		
2.150	-79	-24	-12	87	-80	0	0	-91	115	-109		
2.200	-1	0	0	118	-68	0	0	-78	157	-93		
2.201	0	0	0	118	-68	0	0	-78	157	-93		
2.250	64	20	10	153	-58	0	0	0	203	-77		
2.300	116	36	18	169	-50	0	0	0	225	-67		
2.350	156	49	24	187	-43	0	0	0	249	-57		
2.375	171	53	26	204	-40	0	0	0	271	-53		
2.400	183	57	28	209	-37	0	0	0	278	-49		
2.450	198	62	30	207	-32	0	0	0	275	-42		
2.483	201	62	31	206	-36	0	0	0	274	-47		
2.500	200	62	31	216	-38	0	0	0	287	-51		
2.550	189	59	29	209	-46	0	0	0	277	-61		
2.600	166	52	25	203	-54	0	0	0	269	-72		
2.625	150	47	23	205	-58	0	0	0	272	-78		
2.650	130	41	20	191	-63	0	0	0	255	-84		
2.700	82	25	13	170	-72	0	0	0	226	-96		
2.750	21	6	3	154	-82	0	0	0	205	-109		
2.765	0	0	0	147	-86	0	0	-131	195	-157		
2.800	-53	-17	-8	128	-95	0	0	-144	170	-173		
2.850	-140	-43	-21	88	-109	0	0	-165	116	-197		
2.875	-188	-58	-29	72	-116	0	0	-175	96	-209		
2.888	-213	-66	-32	58	-120	0	0	-180	77	-215		
2.900	-239	-74	-36	54	-124	0	0	-186	72	-222		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC FRAC	B-DC MOMENT	DW MOMENT	MAX	MIN	MAX	MIN	TRUCK MIN	TRUCK+LANE MAX	TRUCK+LANE MIN	TRUCK MAX	TRUCK MIN
	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)	(ft-k)
2.950	-352	-109	-53	34	-139	0	0	-238	45	-285		
3.000	-478	-148	-72	36	-163	0	0	-326	47	-390		
3.000	-478	-148	-72	36	-163	0	0	-326	47	-390		
3.050	-355	-110	-54	30	-138	0	0	-238	40	-285		
3.100	-245	-76	-37	51	-123	0	0	-185	68	-222		
3.112	-220	-68	-34	66	-119	0	0	-180	88	-215		
3.125	-195	-61	-30	77	-115	0	0	-174	103	-209		
3.150	-148	-46	-23	89	-108	0	0	-164	118	-196		
3.200	-65	-20	-10	119	-95	0	0	-143	159	-171		
3.245	0	0	0	148	-83	0	0	-125	196	-150		
3.250	7	2	1	154	-82	0	0	0	204	-108		
3.300	65	20	10	170	-72	0	0	0	226	-96		
3.350	110	34	17	188	-62	0	0	0	250	-83		
3.375	128	39	19	205	-58	0	0	0	273	-77		
3.400	143	44	22	202	-54	0	0	0	268	-71		
3.450	163	50	25	209	-45	0	0	0	277	-60		
3.500	171	53	26	217	-39	0	0	0	288	-52		
3.504	171	53	26	214	-39	0	0	0	285	-52		
3.550	166	51	25	209	-46	0	0	0	278	-61		
3.600	148	46	22	203	-54	0	0	0	270	-72		
3.625	134	41	20	205	-58	0	0	0	273	-78		
3.650	117	36	18	192	-63	0	0	0	255	-84		
3.700	74	23	11	173	-72	0	0	0	230	-96		
3.750	19	6	3	154	-82	0	0	0	205	-109		
3.765	0	0	0	147	-86	0	0	-131	195	-156		
3.800	-50	-15	-8	127	-95	0	0	-144	170	-173		
3.850	-131	-41	-20	87	-109	0	0	-164	116	-197		
3.875	-177	-55	-27	72	-116	0	0	-175	95	-209		
3.888	-200	-62	-30	57	-119	0	0	-180	76	-215		
3.900	-225	-70	-34	54	-123	0	0	-185	71	-222		
3.950	-332	-103	-50	34	-139	0	0	-238	45	-285		
4.000	-453	-140	-68	37	-163	0	0	-326	50	-391		
4.000	-453	-140	-68	37	-163	0	0	-326	50	-391		
4.050	-332	-102	-50	34	-139	0	0	-238	45	-285		
4.100	-223	-69	-34	51	-124	0	0	-187	68	-224		
4.113	-199	-61	-30	66	-120	0	0	-181	88	-217		
4.125	-174	-54	-26	77	-116	0	0	-176	103	-211		
4.150	-129	-40	-19	97	-109	0	0	-166	128	-198		
4.200	-46	-14	-7	119	-95	0	0	-144	158	-173		
4.232	0	0	0	135	-87	0	0	-132	180	-158		
4.250	23	7	4	154	-82	0	0	0	205	-109		
4.300	80	25	12	170	-72	0	0	0	227	-96		
4.350	123	38	19	188	-63	0	0	0	251	-84		
4.375	141	44	21	205	-58	0	0	0	273	-78		
4.400	155	48	24	202	-54	0	0	0	268	-72		
4.450	173	54	26	209	-46	0	0	0	277	-61		
4.499	180	56	27	216	-39	0	0	0	287	-52		
4.500	180	56	27	217	-39	0	0	0	288	-52		
4.550	173	53	26	209	-46	0	0	0	279	-61		
4.600	153	47	23	203	-54	0	0	0	270	-72		
4.625	139	43	21	205	-58	0	0	0	273	-78		
4.650	121	38	18	192	-63	0	0	0	255	-84		
4.700	77	24	12	173	-72	0	0	0	230	-96		
4.750	20	6	3	154	-82	0	0	0	205	-109		
4.765	0	0	0	147	-86	0	0	-131	195	-157		
4.800	-51	-16	-8	127	-95	0	0	-144	169	-173		
4.850	-133	-41	-20	87	-109	0	0	-164	116	-197		

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		DOUBLE	COMBINED		FATIGUE	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	TRUCK (ft-k)	TRUCK+LANE MAX (ft-k)	TRUCK+LANE MIN (ft-k)	TRUCK MAX (ft-k)	TRUCK MIN (ft-k)
4.875	-180	-56	-27	72	-116	0	0	-175	95	-209		
4.888	-204	-63	-31	57	-119	0	0	-180	76	-215		
4.900	-229	-71	-35	54	-123	0	0	-185	71	-222		
4.950	-338	-104	-51	34	-139	0	0	-238	45	-285		
5.000	-460	-142	-70	37	-163	0	0	-326	50	-391		
5.000	-460	-142	-70	37	-163	0	0	-326	50	-391		
5.050	-338	-105	-51	34	-139	0	0	-238	45	-285		
5.100	-230	-71	-35	51	-124	0	0	-187	68	-224		
5.113	-205	-63	-31	66	-120	0	0	-181	88	-217		
5.125	-180	-56	-27	77	-116	0	0	-176	103	-211		
5.150	-134	-42	-20	94	-109	0	0	-166	125	-198		
5.200	-52	-16	-8	119	-95	0	0	-144	159	-173		
5.236	0	0	0	138	-86	0	0	-130	184	-156		
5.250	18	5	3	154	-82	0	0	0	205	-109		
5.300	75	23	11	170	-72	0	0	0	227	-96		
5.350	119	37	18	188	-63	0	0	0	251	-84		
5.375	137	42	21	205	-58	0	0	0	273	-78		
5.400	151	47	23	202	-54	0	0	0	268	-72		
5.450	170	53	26	209	-46	0	0	0	277	-61		
5.500	176	55	27	217	-39	0	0	0	288	-52		
5.550	170	53	26	209	-46	0	0	0	279	-61		
5.600	151	47	23	203	-54	0	0	0	270	-72		
5.625	137	42	21	205	-58	0	0	0	273	-78		
5.650	119	37	18	192	-63	0	0	0	255	-84		
5.700	75	23	11	173	-72	0	0	0	230	-96		
5.750	18	6	3	154	-82	0	0	0	205	-109		
5.764	0	0	0	147	-85	0	0	-130	195	-156		
5.800	-52	-16	-8	127	-95	0	0	-144	169	-172		
5.850	-134	-41	-20	87	-109	0	0	-164	116	-196		
5.875	-180	-56	-27	72	-116	0	0	-174	95	-208		
5.888	-204	-63	-31	57	-119	0	0	-179	76	-214		
5.900	-229	-71	-35	54	-123	0	0	-185	71	-221		
5.950	-338	-104	-51	32	-139	0	0	-238	42	-285		
6.000	-460	-142	-70	35	-163	0	0	-326	47	-391		
6.000	-460	-142	-70	35	-163	0	0	-326	47	-391		
6.050	-337	-104	-51	34	-139	0	0	-238	45	-285		
6.100	-229	-71	-35	51	-124	0	0	-187	68	-224		
6.112	-203	-63	-31	66	-120	0	0	-181	88	-217		
6.125	-179	-55	-27	78	-116	0	0	-176	103	-211		
6.150	-133	-41	-20	95	-109	0	0	-166	126	-198		
6.200	-50	-16	-8	119	-95	0	0	-144	159	-173		
6.235	0	0	0	137	-86	0	0	-131	182	-157		
6.250	20	6	3	154	-82	0	0	0	205	-109		
6.300	77	24	12	170	-72	0	0	0	227	-96		
6.350	122	38	19	188	-63	0	0	0	251	-84		
6.375	139	43	21	205	-58	0	0	0	273	-78		
6.400	154	47	23	202	-54	0	0	0	268	-72		
6.450	173	53	26	209	-46	0	0	0	277	-61		
6.500	180	55	27	216	-38	0	0	0	288	-51		
6.501	180	55	27	216	-38	0	0	0	287	-51		
6.550	173	54	26	209	-40	0	0	0	278	-53		
6.600	155	48	24	203	-47	0	0	0	270	-63		
6.625	141	43	21	205	-51	0	0	0	272	-68		
6.650	123	38	19	192	-55	0	0	0	255	-74		
6.700	79	24	12	170	-64	0	0	0	226	-85		
6.750	23	7	3	154	-73	0	0	0	204	-97		
6.767	0	0	0	144	-77	0	0	-98	191	-117		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED MOMENT SUMMARY -----

GIRDER: 3 * * * UNFACTORED MOMENT SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (ContiMIN COMBINED is the larger of: (1.33×TRK+LANE) and 0.9×(1.33×DTRK+LANE)).

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		DOUBLE TRUCK	COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC MOMENT (ft-k)	B-DC MOMENT (ft-k)	DW MOMENT (ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)	(ft-k)	MAX (ft-k)	MIN (ft-k)	MAX (ft-k)	MIN (ft-k)
6.800	-47	-15	-7	122	-86	0	0	-110	162	-131		
6.850	-129	-40	-20	87	-99	0	0	-127	116	-152		
6.875	-175	-54	-27	71	-106	0	0	-136	95	-163		
6.900	-224	-70	-34	53	-113	0	0	-149	71	-178		
6.950	-332	-103	-50	31	-128	0	0	-230	42	-275		
7.000	-453	-140	-69	36	-156	0	0	-317	47	-379		
7.000	-453	-140	-69	36	-157	0	0	-316	47	-379		
7.050	-353	-109	-54	34	-141	0	0	-245	45	-293		
7.100	-261	-81	-40	48	-130	0	0	-196	64	-234		
7.125	-219	-68	-33	54	-124	0	0	-187	71	-224		
7.150	-178	-55	-27	76	-118	0	0	-179	101	-214		
7.156	-168	-52	-26	82	-116	0	0	-177	109	-211		
7.200	-103	-32	-16	107	-107	0	0	-162	143	-193		
7.250	-36	-11	-6	133	-96	0	0	-146	177	-175		
7.280	0	0	0	141	-90	0	0	-137	187	-164		
7.300	23	7	3	155	-86	0	0	0	206	-115		
7.312	36	11	5	161	-84	0	0	0	215	-111		
7.350	74	23	11	176	-78	0	0	0	235	-104		
7.400	118	36	18	195	-71	0	0	0	259	-94		
7.450	154	47	23	209	-64	0	0	0	278	-85		
7.469	166	51	25	215	-62	0	0	0	287	-82		
7.500	182	56	27	219	-57	0	0	0	291	-76		
7.550	202	62	30	225	-51	0	0	0	300	-68		
7.600	214	65	32	229	-45	0	0	0	304	-60		
7.625	217	66	32	231	-42	0	0	0	307	-56		
7.643	217	66	32	229	-40	0	0	0	304	-53		
7.650	217	66	32	225	-39	0	0	0	300	-52		
7.664	217	66	32	217	-38	0	0	0	288	-50		
7.700	212	64	32	222	-34	0	0	0	295	-45		
7.703	212	64	32	223	-33	0	0	0	296	-45		
7.750	197	60	29	207	-28	0	0	0	275	-37		
7.800	174	53	26	187	-22	0	0	0	248	-30		
7.850	143	43	21	158	-17	0	0	0	210	-22		
7.852	141	43	21	156	-17	0	0	0	208	-22		
7.889	113	34	17	130	-12	0	0	0	172	-16		
7.900	103	31	16	120	-11	0	0	0	159	-15		
7.905	99	30	15	116	-11	0	0	0	154	-14		
7.950	56	17	8	67	-7	0	0	0	90	-9		
7.958	48	14	7	57	-7	0	0	0	76	-9		
8.000	0	0	0	1	-6	0	0	-7	1	-9		
8.000	0	0	0	1	-6	0	0	-7	1	-9		
8.000	0	0	0	0	-6	0	0	-6	0	-8		
8.375	0	0	0	0	-4	0	0	-4	0	-5		
9.000	0	0	0	0	0	0	0	0	0	0		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Based on Input Section) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD				COMBINED				FATIGUE			
	A-DC	B-DC	DW	TRUCK		LANE		TRUCK+LANE		TRUCK		
	FRAC	SHEAR	SHEAR	SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
		(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
0.000	0.0	0.0	0.0	0.0	-21.2	0.0	-0.2	0.0	-28.4			

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.625	-0.1	-0.1	0.0	0.0	-21.3	0.0	-0.3	0.0	-28.5		
1.000	-0.2	-0.2	-0.1	0.0	-22.5	0.0	-0.4	0.0	-30.3		
1.000	15.5	4.7	2.4	36.5	-3.7	9.4	-2.0	57.9	-6.9		
1.000	15.5	4.7	2.4	34.8	-3.7	9.2	-2.0	55.5	-6.9		
1.049	13.2	4.1	2.0	33.9	-4.3	8.6	-2.0	53.6	-7.7		
1.050	13.1	4.0	2.0	32.9	-4.3	8.5	-2.0	52.2	-7.7		
1.100	10.9	3.3	1.7	29.6	-5.2	7.6	-2.1	47.1	-9.1		
1.109	10.5	3.2	1.6	29.6	-6.5	7.4	-2.3	46.9	-10.9		
1.127	9.7	3.0	1.5	28.3	-8.1	7.1	-2.4	44.8	-13.1		
1.143	9.0	2.8	1.3	24.9	-8.2	6.5	-2.5	39.6	-13.4		
1.150	8.7	2.7	1.3	25.2	-8.2	6.6	-2.5	40.1	-13.4		
1.200	6.5	2.0	1.0	22.4	-10.8	5.8	-2.9	35.6	-17.2		
1.250	4.3	1.3	0.6	20.0	-13.1	5.1	-3.3	31.6	-20.8		
1.286	2.7	0.8	0.4	21.9	-15.5	5.1	-3.7	34.2	-24.4		
1.300	1.9	0.6	0.3	20.0	-11.6	4.7	-3.5	31.3	-18.9		
1.343	0.0	0.0	0.0	17.3	-13.2	4.0	-3.9	27.0	-21.6		
1.350	-0.3	-0.1	-0.1	17.8	-13.2	4.1	-4.0	27.8	-21.6		
1.400	-2.5	-0.8	-0.4	15.9	-15.1	3.6	-4.5	24.8	-24.6		
1.450	-4.7	-1.5	-0.7	14.8	-17.1	3.2	-5.1	23.0	-27.9		
1.464	-5.3	-1.7	-0.8	14.5	-18.4	3.1	-5.4	22.4	-29.9		
1.500	-6.9	-2.2	-1.1	12.4	-19.1	2.6	-5.8	19.2	-31.2		
1.550	-9.1	-2.8	-1.4	11.3	-21.2	2.3	-6.5	17.3	-34.6		
1.600	-11.3	-3.5	-1.8	9.2	-23.5	1.9	-7.3	14.1	-38.6		
1.643	-13.4	-4.1	-2.0	11.9	-26.7	2.3	-8.1	18.2	-43.7		
1.650	-13.8	-4.2	-2.0	12.4	-23.8	2.1	-8.3	18.6	-40.0		
1.690	-15.5	-4.8	-2.3	9.7	-25.3	1.6	-8.9	14.5	-42.6		
1.700	-16.0	-4.9	-2.4	10.5	-25.3	1.7	-9.0	15.7	-42.7		
1.750	-18.2	-5.6	-2.7	9.6	-27.7	1.5	-9.7	14.3	-46.6		
1.800	-20.4	-6.3	-3.1	6.7	-30.3	1.1	-10.8	10.1	-51.0		
1.821	-21.3	-6.6	-3.2	6.7	-30.0	1.1	-10.8	10.1	-50.6		
1.850	-22.6	-7.0	-3.4	4.8	-32.9	0.9	-11.7	7.3	-55.4		
1.893	-24.5	-7.6	-3.7	2.1	-35.7	0.7	-13.0	3.6	-60.5		
1.900	-24.8	-7.7	-3.7	2.4	-35.7	0.8	-13.0	3.9	-60.5		
1.950	-27.1	-8.3	-4.1	1.9	-38.7	0.8	-13.8	3.3	-65.3		
2.000	-29.4	-9.0	-4.4	1.2	-40.7	0.8	-14.9	2.4	-69.0		
2.000	30.7	9.5	4.7	40.7	-3.4	16.0	-2.0	70.1	-6.5		
2.050	27.4	8.5	4.2	38.2	-3.5	14.7	-2.0	65.5	-6.7		
2.075	25.7	8.0	3.9	36.8	-3.9	14.0	-2.0	63.0	-7.2		
2.100	24.2	7.5	3.7	34.9	-4.8	13.2	-2.1	59.6	-8.4		
2.125	22.6	7.0	3.5	34.2	-6.9	12.6	-2.2	58.0	-11.4		
2.150	21.0	6.5	3.2	31.6	-6.9	11.9	-2.3	53.9	-11.5		
2.200	17.9	5.5	2.7	28.4	-8.8	10.7	-2.6	48.5	-14.3		
2.201	17.8	5.5	2.7	28.4	-7.7	10.6	-2.4	48.4	-12.6		
2.250	14.7	4.6	2.2	29.5	-14.0	9.5	-3.4	48.8	-22.1		
2.300	11.5	3.6	1.8	25.7	-8.5	8.5	-2.9	42.6	-14.2		
2.350	8.4	2.6	1.3	23.2	-10.5	7.5	-3.4	38.3	-17.4		
2.375	6.8	2.1	1.0	22.5	-13.2	6.9	-4.0	36.9	-21.5		
2.400	5.2	1.6	0.8	21.8	-13.2	6.7	-4.1	35.7	-21.6		
2.450	2.1	0.6	0.3	18.5	-14.7	5.7	-4.7	30.2	-24.3		
2.483	0.0	0.0	0.0	16.3	-17.0	5.1	-5.4	26.7	-28.0		
2.500	-1.1	-0.3	-0.2	19.4	-19.4	5.5	-5.9	31.3	-31.6		
2.550	-4.2	-1.3	-0.7	15.9	-17.2	4.7	-5.8	25.8	-28.6		
2.600	-7.4	-2.3	-1.1	13.8	-19.4	4.0	-6.6	22.3	-32.4		
2.625	-9.0	-2.8	-1.4	12.8	-22.5	3.6	-7.3	20.6	-37.2		
2.650	-10.5	-3.3	-1.6	11.8	-22.5	3.3	-7.6	19.0	-37.5		
2.700	-13.7	-4.3	-2.1	9.6	-25.4	2.7	-8.7	15.5	-42.5		
2.750	-16.9	-5.3	-2.6	12.4	-29.5	3.0	-10.1	19.5	-49.3		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.765	-17.9	-5.5	-2.7	12.8	-26.1	2.8	-10.2	19.8	-44.8		
2.800	-20.1	-6.2	-3.1	11.1	-27.1	2.5	-10.7	17.3	-46.8		
2.850	-23.2	-7.2	-3.5	7.6	-31.5	1.9	-12.3	12.0	-54.3		
2.875	-24.8	-7.7	-3.8	4.2	-33.5	1.6	-13.4	7.1	-58.0		
2.888	-25.6	-8.0	-3.9	4.2	-33.5	1.6	-13.4	7.1	-58.0		
2.900	-26.5	-8.2	-4.0	4.8	-33.5	1.7	-13.4	8.1	-58.0		
2.950	-29.9	-9.2	-4.5	2.8	-37.1	1.6	-14.9	5.3	-64.3		
3.000	-33.3	-10.2	-5.0	2.2	-41.5	1.5	-16.8	4.4	-72.0		
3.000	32.6	9.9	4.9	40.8	-3.4	16.9	-2.2	71.2	-6.7		
3.050	29.2	9.0	4.4	38.3	-3.4	15.6	-2.2	66.6	-6.8		
3.100	25.7	8.0	3.9	35.0	-4.7	14.2	-2.3	60.8	-8.6		
3.112	24.9	7.7	3.8	35.0	-4.3	14.1	-2.2	60.7	-8.0		
3.125	24.1	7.5	3.7	34.3	-6.9	13.5	-2.4	59.2	-11.6		
3.150	22.5	7.0	3.4	31.8	-6.9	12.9	-2.5	55.2	-11.6		
3.200	19.4	6.0	2.9	28.6	-8.7	11.6	-2.8	49.7	-14.3		
3.245	16.5	5.1	2.5	26.1	-11.2	10.7	-3.2	45.4	-18.2		
3.250	16.2	5.0	2.5	29.6	-13.9	10.5	-3.6	49.8	-22.1		
3.300	12.9	4.0	2.0	25.7	-8.4	9.3	-3.1	43.5	-14.3		
3.350	9.8	3.0	1.5	23.2	-10.4	8.3	-3.7	39.1	-17.5		
3.375	8.2	2.6	1.3	22.6	-13.1	7.7	-4.2	37.7	-21.7		
3.400	6.6	2.1	1.0	20.8	-13.1	7.3	-4.4	34.9	-21.8		
3.450	3.5	1.1	0.5	18.5	-15.3	6.4	-5.1	31.0	-25.4		
3.500	0.3	0.1	0.1	19.4	-19.3	6.2	-6.1	31.9	-31.8		
3.504	0.0	0.0	0.0	18.3	-16.2	6.0	-5.6	30.4	-27.2		
3.550	-2.9	-0.9	-0.4	15.9	-17.2	5.4	-6.0	26.5	-28.9		
3.600	-6.0	-1.9	-0.9	13.8	-19.5	4.7	-6.8	23.0	-32.7		
3.625	-7.6	-2.4	-1.2	12.7	-22.5	4.4	-7.6	21.3	-37.6		
3.650	-9.2	-2.8	-1.4	11.8	-22.5	4.0	-7.9	19.7	-37.9		
3.700	-12.3	-3.8	-1.9	9.6	-25.4	3.4	-9.0	16.3	-42.8		
3.750	-15.6	-4.8	-2.4	12.4	-29.6	3.7	-10.3	20.2	-49.7		
3.765	-16.5	-5.1	-2.5	12.7	-26.1	3.6	-10.4	20.5	-45.2		
3.800	-18.8	-5.8	-2.8	11.1	-27.2	3.3	-11.0	18.0	-47.2		
3.850	-21.9	-6.8	-3.3	7.6	-31.6	2.7	-12.6	12.8	-54.6		
3.875	-23.5	-7.3	-3.6	4.5	-33.6	2.3	-13.6	8.3	-58.3		
3.888	-24.3	-7.5	-3.7	4.5	-33.6	2.3	-13.6	8.3	-58.3		
3.900	-25.1	-7.8	-3.8	4.8	-33.6	2.4	-13.7	8.9	-58.4		
3.950	-28.5	-8.8	-4.3	3.4	-37.1	2.3	-15.2	6.9	-64.6		
4.000	-32.0	-9.7	-4.8	3.3	-41.5	2.3	-17.1	6.7	-72.3		
4.000	32.2	9.8	4.8	40.8	-3.4	17.0	-2.4	71.3	-6.8		
4.050	28.8	8.8	4.3	38.3	-3.4	15.7	-2.4	66.6	-7.0		
4.100	25.3	7.8	3.8	35.0	-4.7	14.2	-2.5	60.8	-8.7		
4.113	24.5	7.6	3.7	35.0	-4.3	14.2	-2.4	60.8	-8.2		
4.125	23.7	7.3	3.6	34.3	-6.9	13.6	-2.6	59.2	-11.7		
4.150	22.1	6.8	3.4	31.8	-8.7	12.7	-2.9	54.9	-14.5		
4.200	19.0	5.9	2.9	28.6	-8.7	11.7	-3.0	49.7	-14.5		
4.232	16.9	5.2	2.6	26.1	-11.3	10.7	-3.4	45.5	-18.4		
4.250	15.8	4.9	2.4	29.6	-13.9	10.5	-3.8	49.9	-22.3		
4.300	12.5	3.9	1.9	25.7	-8.4	9.4	-3.3	43.6	-14.5		
4.350	9.4	2.9	1.4	23.2	-10.4	8.3	-3.9	39.2	-17.8		
4.375	7.8	2.4	1.2	22.6	-13.1	7.8	-4.4	37.8	-21.9		
4.400	6.2	1.9	0.9	20.8	-13.1	7.3	-4.6	35.0	-22.0		
4.450	3.1	0.9	0.5	18.5	-14.9	6.5	-5.2	31.1	-24.9		
4.499	0.0	0.0	0.0	16.2	-17.0	5.9	-5.8	27.5	-28.5		
4.500	-0.1	0.0	0.0	19.4	-19.4	6.3	-6.3	32.0	-32.0		
4.550	-3.3	-1.0	-0.5	15.9	-17.2	5.5	-6.2	26.5	-29.1		
4.600	-6.4	-2.0	-1.0	13.8	-19.5	4.8	-7.0	23.1	-32.9		
4.625	-8.0	-2.5	-1.2	12.7	-22.6	4.4	-7.8	21.3	-37.8		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
4.650	-9.6	-3.0	-1.5	11.8	-22.6	4.1	-8.1	19.8	-38.0		
4.700	-12.7	-4.0	-1.9	9.6	-25.5	3.5	-9.2	16.3	-43.0		
4.750	-16.0	-4.9	-2.4	12.4	-29.6	3.8	-10.5	20.3	-49.9		
4.765	-16.9	-5.2	-2.6	12.7	-26.1	3.6	-10.6	20.6	-45.4		
4.800	-19.1	-5.9	-2.9	11.1	-27.2	3.3	-11.2	18.1	-47.4		
4.850	-22.3	-6.9	-3.4	7.6	-31.6	2.7	-12.8	12.8	-54.8		
4.875	-23.9	-7.4	-3.6	4.5	-33.6	2.4	-13.8	8.3	-58.5		
4.888	-24.7	-7.6	-3.7	4.5	-33.6	2.4	-13.8	8.3	-58.5		
4.900	-25.5	-7.9	-3.9	4.9	-33.6	2.5	-13.9	8.9	-58.6		
4.950	-28.9	-8.9	-4.4	3.5	-37.1	2.4	-15.4	6.9	-64.8		
5.000	-32.3	-9.9	-4.8	3.4	-41.5	2.3	-17.3	6.8	-72.6		
5.000	32.3	9.8	4.8	40.8	-3.4	16.9	-2.3	71.2	-6.7		
5.050	28.8	8.9	4.3	38.3	-3.4	15.6	-2.3	66.6	-6.9		
5.100	25.4	7.9	3.9	35.0	-4.7	14.2	-2.4	60.8	-8.6		
5.113	24.6	7.6	3.7	35.0	-4.3	14.1	-2.3	60.7	-8.1		
5.125	23.8	7.4	3.6	34.3	-6.9	13.5	-2.5	59.2	-11.7		
5.150	22.2	6.9	3.4	32.6	-6.9	13.0	-2.6	56.3	-11.7		
5.200	19.1	5.9	2.9	28.6	-8.7	11.6	-2.9	49.6	-14.4		
5.236	16.8	5.2	2.5	26.1	-11.3	10.7	-3.3	45.4	-18.3		
5.250	15.9	4.9	2.4	29.6	-13.9	10.5	-3.7	49.8	-22.2		
5.300	12.6	3.9	1.9	25.7	-8.4	9.3	-3.3	43.5	-14.4		
5.350	9.5	3.0	1.4	23.2	-10.4	8.3	-3.8	39.1	-17.7		
5.375	7.9	2.5	1.2	22.5	-13.1	7.7	-4.4	37.7	-21.8		
5.400	6.3	2.0	1.0	20.8	-13.1	7.3	-4.5	34.9	-22.0		
5.450	3.2	1.0	0.5	18.5	-15.0	6.4	-5.1	31.0	-25.0		
5.500	0.0	0.0	0.0	19.4	-19.4	6.2	-6.2	31.9	-31.9		
5.550	-3.2	-1.0	-0.5	15.9	-17.2	5.4	-6.1	26.5	-29.0		
5.600	-6.3	-2.0	-1.0	13.8	-19.5	4.7	-6.9	23.0	-32.9		
5.625	-7.9	-2.4	-1.2	12.7	-22.6	4.4	-7.7	21.3	-37.7		
5.650	-9.5	-2.9	-1.4	11.8	-22.6	4.0	-8.0	19.7	-38.0		
5.700	-12.6	-3.9	-1.9	9.6	-25.4	3.5	-9.1	16.3	-42.8		
5.750	-15.9	-4.9	-2.4	12.4	-29.6	3.8	-10.5	20.2	-49.8		
5.764	-16.8	-5.2	-2.5	12.7	-26.1	3.6	-10.5	20.5	-45.3		
5.800	-19.1	-5.9	-2.9	11.1	-27.2	3.3	-11.1	18.0	-47.3		
5.850	-22.2	-6.9	-3.4	7.6	-31.6	2.7	-12.7	12.8	-54.8		
5.875	-23.8	-7.4	-3.6	4.5	-33.6	2.4	-13.8	8.3	-58.4		
5.888	-24.6	-7.6	-3.7	4.5	-33.6	2.4	-13.8	8.3	-58.4		
5.900	-25.4	-7.9	-3.9	4.9	-33.6	2.4	-13.8	8.9	-58.5		
5.950	-28.8	-8.8	-4.3	3.5	-37.1	2.3	-15.3	6.9	-64.7		
6.000	-32.2	-9.8	-4.8	3.4	-41.5	2.3	-17.2	6.8	-72.5		
6.000	32.3	9.9	4.8	40.8	-2.9	16.6	-1.9	70.8	-5.7		
6.050	28.9	8.9	4.4	38.3	-3.2	15.3	-1.9	66.2	-6.1		
6.100	25.5	7.9	3.9	35.0	-4.6	13.8	-2.0	60.4	-8.2		
6.112	24.6	7.6	3.7	35.0	-4.1	13.8	-1.9	60.3	-7.3		
6.125	23.9	7.4	3.6	34.3	-6.9	13.1	-2.2	58.8	-11.3		
6.150	22.3	6.9	3.4	32.7	-6.9	12.7	-2.2	56.2	-11.3		
6.200	19.1	5.9	2.9	28.6	-8.7	11.3	-2.5	49.3	-14.0		
6.235	17.0	5.2	2.6	26.1	-11.3	10.3	-3.0	45.0	-17.9		
6.250	16.0	4.9	2.4	29.6	-13.9	10.1	-3.4	49.4	-21.8		
6.300	12.7	3.9	1.9	25.7	-8.4	9.0	-2.9	43.2	-14.0		
6.350	9.6	3.0	1.5	23.2	-10.4	7.9	-3.4	38.8	-17.3		
6.375	8.0	2.5	1.2	22.5	-13.1	7.4	-4.0	37.3	-21.4		
6.400	6.4	2.0	1.0	20.8	-13.1	6.9	-4.1	34.5	-21.6		
6.450	3.3	1.0	0.5	18.5	-15.1	6.1	-4.7	30.6	-24.8		
6.500	0.1	0.0	0.0	19.4	-19.4	5.9	-5.8	31.6	-31.6		
6.501	0.0	0.0	0.0	18.3	-16.2	5.6	-5.4	30.0	-27.0		
6.550	-3.1	-1.0	-0.5	15.9	-17.2	5.1	-5.7	26.2	-28.7		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 1 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: HL-93-ED (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
6.600	-6.3	-1.9	-1.0	13.8	-19.5	4.4	-6.5	22.7	-32.5		
6.625	-7.8	-2.4	-1.2	12.8	-22.5	4.0	-7.3	21.0	-37.3		
6.650	-9.4	-2.9	-1.4	11.8	-22.5	3.7	-7.6	19.4	-37.6		
6.700	-12.6	-3.9	-1.9	9.7	-25.7	3.1	-8.7	15.9	-42.9		
6.750	-15.9	-4.9	-2.4	12.4	-29.5	3.4	-10.1	19.9	-49.4		
6.767	-17.0	-5.2	-2.6	9.0	-27.1	2.7	-10.7	14.6	-46.8		
6.800	-19.0	-5.9	-2.9	10.2	-27.1	2.8	-10.8	16.3	-46.9		
6.850	-22.2	-6.9	-3.4	7.6	-31.5	2.3	-12.3	12.5	-54.3		
6.875	-23.7	-7.3	-3.6	4.5	-33.5	2.0	-13.4	8.0	-57.9		
6.900	-25.3	-7.8	-3.9	5.0	-33.5	2.1	-13.4	8.7	-58.0		
6.950	-28.7	-8.8	-4.3	3.5	-37.1	2.0	-14.9	6.7	-64.2		
7.000	-32.1	-9.8	-4.8	3.4	-41.5	2.0	-16.8	6.5	-72.0		
7.000	32.7	10.1	4.9	40.7	-1.1	15.7	-0.7	69.9	-2.2		
7.050	30.0	9.3	4.5	39.8	-1.8	14.9	-0.8	67.8	-3.2		
7.100	27.3	8.5	4.1	36.8	-4.0	13.5	-0.8	62.6	-6.2		
7.125	26.0	8.1	3.9	34.6	-4.2	12.9	-0.8	58.9	-6.4		
7.150	24.7	7.7	3.7	34.2	-6.6	12.4	-1.0	57.8	-9.8		
7.156	24.4	7.6	3.7	34.2	-6.5	12.2	-1.0	57.6	-9.7		
7.200	22.2	6.9	3.4	29.2	-8.8	10.8	-1.4	49.6	-13.0		
7.250	19.7	6.1	3.0	26.6	-10.8	9.8	-1.7	45.3	-16.2		
7.280	18.1	5.6	2.7	26.6	-9.8	9.8	-1.6	45.2	-14.7		
7.300	17.1	5.3	2.6	26.1	-12.9	9.3	-2.1	44.0	-19.3		
7.312	16.9	5.2	2.5	29.3	-13.0	9.2	-2.2	48.2	-19.5		
7.350	15.0	4.6	2.3	25.2	-9.2	8.0	-1.8	41.5	-14.1		
7.400	12.5	3.8	1.9	23.0	-10.9	7.1	-2.2	37.8	-16.7		
7.450	10.0	3.0	1.5	22.5	-12.5	6.7	-2.6	36.6	-19.2		
7.469	9.0	2.7	1.4	22.5	-12.6	6.6	-2.6	36.5	-19.4		
7.500	7.5	2.2	1.1	19.4	-13.9	5.8	-3.1	31.6	-21.6		
7.550	5.0	1.5	0.7	17.4	-15.2	5.0	-3.5	28.1	-23.7		
7.600	2.4	0.7	0.4	16.8	-16.7	4.6	-3.9	27.0	-26.1		
7.625	1.2	0.3	0.2	16.3	-18.1	4.5	-4.3	26.1	-28.3		
7.643	0.0	-0.1	0.0	14.9	-18.1	4.2	-4.3	24.0	-28.3		
7.650	-0.4	-0.2	-0.1	13.7	-19.1	3.8	-4.8	22.0	-30.2		
7.664	-1.1	-0.4	-0.1	13.7	-17.6	3.8	-4.4	22.0	-27.8		
7.700	-2.9	-0.9	-0.4	14.6	-20.4	3.6	-5.0	23.1	-32.1		
7.703	-3.6	-1.1	-0.5	14.6	-21.0	3.7	-5.3	23.1	-33.2		
7.750	-6.0	-1.8	-0.9	13.3	-23.4	3.1	-6.0	20.9	-37.2		
7.800	-8.5	-2.6	-1.3	9.2	-25.3	2.4	-6.9	14.6	-40.5		
7.850	-11.0	-3.4	-1.6	7.2	-27.7	2.1	-7.6	11.6	-44.4		
7.852	-11.1	-3.4	-1.6	7.2	-27.0	2.1	-7.4	11.6	-43.3		
7.889	-13.0	-3.9	-1.9	6.2	-30.2	2.0	-8.0	10.2	-48.2		
7.900	-13.6	-4.1	-2.0	6.6	-30.9	1.9	-8.3	10.7	-49.4		
7.905	-13.8	-4.2	-2.1	6.1	-30.9	1.9	-8.2	10.0	-49.4		
7.950	-16.1	-4.9	-2.5	3.2	-34.2	1.7	-9.6	5.9	-55.2		
7.958	-16.5	-5.0	-2.5	3.2	-34.0	1.7	-9.6	5.9	-54.8		
8.000	-18.7	-5.7	-2.9	3.2	-34.0	1.7	-9.6	5.9	-54.8		
8.000	-18.7	-5.7	-2.9	3.2	-37.1	1.7	-9.9	5.9	-59.2		
8.000	0.2	0.2	0.1	19.2	0.0	0.1	0.0	25.6	0.0		
8.375	0.1	0.1	0.0	11.6	0.0	0.1	0.0	15.5	0.0		
9.000	0.0	0.0	0.0	11.6	0.0	0.1	0.0	15.5	0.0		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK+LANE		TRUCK	
	SHEAR	SHEAR	SHEAR					MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
0.000	0.0	0.0	0.0							0.0	-17.7
0.625	-0.1	-0.1	0.0							0.0	-17.7
1.000	-0.2	-0.2	-0.1							0.0	-17.8
1.000	15.5	4.7	2.4							21.8	-1.6
1.000	15.5	4.7	2.4							20.1	-1.6
1.049	13.2	4.1	2.0							19.0	-3.2
1.050	13.1	4.0	2.0							18.3	-3.2
1.100	10.9	3.3	1.7							15.9	-4.3
1.109	10.5	3.2	1.6							15.9	-5.0
1.127	9.7	3.0	1.5							15.0	-5.7
1.143	9.0	2.8	1.3							12.6	-5.8
1.150	8.7	2.7	1.3							13.0	-5.8
1.200	6.5	2.0	1.0							11.5	-7.0
1.250	4.3	1.3	0.6							10.2	-8.2
1.286	2.7	0.8	0.4							12.5	-9.7
1.300	1.9	0.6	0.3							11.7	-7.0
1.343	0.0	0.0	0.0							10.0	-7.9
1.350	-0.3	-0.1	-0.1							10.6	-7.9
1.400	-2.5	-0.8	-0.4							9.7	-9.1
1.450	-4.7	-1.5	-0.7							9.2	-10.1
1.464	-5.3	-1.7	-0.8							8.9	-10.6
1.500	-6.9	-2.2	-1.1							7.8	-11.1
1.550	-9.1	-2.8	-1.4							7.2	-12.3
1.600	-11.3	-3.5	-1.8							5.8	-13.6
1.643	-13.4	-4.1	-2.0							8.3	-15.4
1.650	-13.8	-4.2	-2.0							8.0	-13.0
1.690	-15.5	-4.8	-2.3							6.3	-13.8
1.700	-16.0	-4.9	-2.4							6.8	-13.8
1.750	-18.2	-5.6	-2.7							6.2	-15.2
1.800	-20.4	-6.3	-3.1							4.6	-16.6
1.821	-21.3	-6.6	-3.2							4.6	-16.2
1.850	-22.6	-7.0	-3.4							3.6	-18.0
1.893	-24.5	-7.6	-3.7							1.8	-19.6
1.900	-24.8	-7.7	-3.7							2.0	-19.6
1.950	-27.1	-8.3	-4.1							1.5	-21.6
2.000	-29.4	-9.0	-4.4							0.5	-23.3
2.000	30.7	9.5	4.7							23.8	-1.6
2.050	27.4	8.5	4.2							21.3	-2.1
2.075	25.7	8.0	3.9							20.2	-2.7
2.100	24.2	7.5	3.7							18.9	-3.6
2.125	22.6	7.0	3.5							18.4	-4.7
2.150	21.0	6.5	3.2							16.7	-4.7
2.200	17.9	5.5	2.7							14.6	-5.7
2.201	17.8	5.5	2.7							14.6	-5.0
2.250	14.7	4.6	2.2							16.5	-9.0
2.300	11.5	3.6	1.8							14.1	-5.6
2.350	8.4	2.6	1.3							12.5	-6.9
2.375	6.8	2.1	1.0							12.1	-8.5
2.400	5.2	1.6	0.8							11.8	-8.5
2.450	2.1	0.6	0.3							9.7	-9.3
2.483	0.0	0.0	0.0							8.3	-10.5
2.500	-1.1	-0.3	-0.2							12.0	-12.0
2.550	-4.2	-1.3	-0.7							10.1	-9.0
2.600	-7.4	-2.3	-1.1							8.9	-10.2
2.625	-9.0	-2.8	-1.4							8.2	-12.1
2.650	-10.5	-3.3	-1.6							7.7	-12.1
2.700	-13.7	-4.3	-2.1							6.4	-13.9

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	TRUCK+LANE		TRUCK	
	SHEAR (kips)	SHEAR (kips)	SHEAR (kips)					MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.750	-16.9	-5.3	-2.6							8.4	-16.5
2.765	-17.9	-5.5	-2.7							8.2	-13.1
2.800	-20.1	-6.2	-3.1							7.1	-13.9
2.850	-23.2	-7.2	-3.5							5.0	-16.6
2.875	-24.8	-7.7	-3.8							3.2	-17.9
2.888	-25.6	-8.0	-3.9							3.2	-17.9
2.900	-26.5	-8.2	-4.0							3.6	-17.9
2.950	-29.9	-9.2	-4.5							2.0	-20.5
3.000	-33.3	-10.2	-5.0							0.9	-22.9
3.000	32.6	9.9	4.9							23.9	-1.6
3.050	29.2	9.0	4.4							21.4	-2.0
3.100	25.7	8.0	3.9							19.0	-3.5
3.112	24.9	7.7	3.8							19.0	-3.1
3.125	24.1	7.5	3.7							18.5	-4.6
3.150	22.5	7.0	3.4							16.9	-4.6
3.200	19.4	6.0	2.9							14.9	-5.6
3.245	16.5	5.1	2.5							13.1	-7.3
3.250	16.2	5.0	2.5							16.6	-8.9
3.300	12.9	4.0	2.0							14.1	-5.6
3.350	9.8	3.0	1.5							12.6	-6.8
3.375	8.2	2.6	1.3							12.1	-8.5
3.400	6.6	2.1	1.0							11.1	-8.5
3.450	3.5	1.1	0.5							9.8	-9.7
3.500	0.3	0.1	0.1							12.0	-12.0
3.504	0.0	0.0	0.0							11.3	-8.3
3.550	-2.9	-0.9	-0.4							10.1	-8.9
3.600	-6.0	-1.9	-0.9							8.9	-10.2
3.625	-7.6	-2.4	-1.2							8.2	-12.1
3.650	-9.2	-2.8	-1.4							7.7	-12.1
3.700	-12.3	-3.8	-1.9							6.4	-13.9
3.750	-15.6	-4.8	-2.4							8.4	-16.6
3.765	-16.5	-5.1	-2.5							8.2	-13.1
3.800	-18.8	-5.8	-2.8							7.1	-13.9
3.850	-21.9	-6.8	-3.3							5.0	-16.7
3.875	-23.5	-7.3	-3.6							3.2	-17.9
3.888	-24.3	-7.5	-3.7							3.2	-17.9
3.900	-25.1	-7.8	-3.8							3.6	-17.9
3.950	-28.5	-8.8	-4.3							2.0	-20.5
4.000	-32.0	-9.7	-4.8							1.5	-22.9
4.000	32.2	9.8	4.8							23.9	-1.6
4.050	28.8	8.8	4.3							21.4	-2.0
4.100	25.3	7.8	3.8							19.0	-3.5
4.113	24.5	7.6	3.7							19.0	-3.1
4.125	23.7	7.3	3.6							18.5	-4.6
4.150	22.1	6.8	3.4							16.8	-5.7
4.200	19.0	5.9	2.9							14.8	-5.6
4.232	16.9	5.2	2.6							13.1	-7.3
4.250	15.8	4.9	2.4							16.6	-8.9
4.300	12.5	3.9	1.9							14.1	-5.6
4.350	9.4	2.9	1.4							12.6	-6.8
4.375	7.8	2.4	1.2							12.1	-8.5
4.400	6.2	1.9	0.9							11.1	-8.5
4.450	3.1	0.9	0.5							9.8	-9.3
4.499	0.0	0.0	0.0							8.3	-10.4
4.500	-0.1	0.0	0.0							12.0	-12.0
4.550	-3.3	-1.0	-0.5							10.1	-8.9
4.600	-6.4	-2.0	-1.0							8.9	-10.2

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED		FATIGUE	
	A-DC	B-DC	DW					TRUCK+LANE		TRUCK	
	SHEAR (kips)	SHEAR (kips)	SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.625	-8.0	-2.5	-1.2							8.2	-12.1
4.650	-9.6	-3.0	-1.5							7.7	-12.1
4.700	-12.7	-4.0	-1.9							6.4	-13.9
4.750	-16.0	-4.9	-2.4							8.4	-16.6
4.765	-16.9	-5.2	-2.6							8.2	-13.1
4.800	-19.1	-5.9	-2.9							7.1	-13.9
4.850	-22.3	-6.9	-3.4							5.0	-16.7
4.875	-23.9	-7.4	-3.6							3.2	-17.9
4.888	-24.7	-7.6	-3.7							3.2	-17.9
4.900	-25.5	-7.9	-3.9							3.6	-17.9
4.950	-28.9	-8.9	-4.4							2.0	-20.5
5.000	-32.3	-9.9	-4.8							1.6	-22.9
5.000	32.3	9.8	4.8							23.9	-1.5
5.050	28.8	8.9	4.3							21.4	-2.0
5.100	25.4	7.9	3.9							19.0	-3.5
5.113	24.6	7.6	3.7							19.0	-3.1
5.125	23.8	7.4	3.6							18.5	-4.6
5.150	22.2	6.9	3.4							17.4	-4.6
5.200	19.1	5.9	2.9							14.8	-5.6
5.236	16.8	5.2	2.5							13.1	-7.3
5.250	15.9	4.9	2.4							16.6	-8.9
5.300	12.6	3.9	1.9							14.1	-5.6
5.350	9.5	3.0	1.4							12.6	-6.8
5.375	7.9	2.5	1.2							12.1	-8.5
5.400	6.3	2.0	1.0							11.1	-8.5
5.450	3.2	1.0	0.5							9.8	-9.4
5.500	0.0	0.0	0.0							12.0	-12.0
5.550	-3.2	-1.0	-0.5							10.1	-8.9
5.600	-6.3	-2.0	-1.0							8.9	-10.2
5.625	-7.9	-2.4	-1.2							8.2	-12.1
5.650	-9.5	-2.9	-1.4							7.7	-12.1
5.700	-12.6	-3.9	-1.9							6.4	-13.9
5.750	-15.9	-4.9	-2.4							8.4	-16.6
5.764	-16.8	-5.2	-2.5							8.2	-13.1
5.800	-19.1	-5.9	-2.9							7.1	-13.9
5.850	-22.2	-6.9	-3.4							5.0	-16.7
5.875	-23.8	-7.4	-3.6							3.2	-17.9
5.888	-24.6	-7.6	-3.7							3.2	-17.9
5.900	-25.4	-7.9	-3.9							3.6	-17.9
5.950	-28.8	-8.8	-4.3							2.0	-20.5
6.000	-32.2	-9.8	-4.8							1.6	-22.9
6.000	32.3	9.9	4.8							23.9	-1.2
6.050	28.9	8.9	4.4							21.4	-2.0
6.100	25.5	7.9	3.9							19.0	-3.5
6.112	24.6	7.6	3.7							19.0	-3.1
6.125	23.9	7.4	3.6							18.4	-4.6
6.150	22.3	6.9	3.4							17.5	-4.6
6.200	19.1	5.9	2.9							14.8	-5.6
6.235	17.0	5.2	2.6							13.1	-7.3
6.250	16.0	4.9	2.4							16.6	-8.9
6.300	12.7	3.9	1.9							14.1	-5.6
6.350	9.6	3.0	1.5							12.6	-6.8
6.375	8.0	2.5	1.2							12.1	-8.5
6.400	6.4	2.0	1.0							11.1	-8.5
6.450	3.3	1.0	0.5							9.8	-9.5
6.500	0.1	0.0	0.0							12.0	-12.0
6.501	0.0	0.0	0.0							11.3	-8.3

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 2 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: HL-93-ED (Continued)
 LANE POSITION: ONE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED		FATIGUE	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	TRUCK+LANE		TRUCK	
	SHEAR	SHEAR	SHEAR					MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.550	-3.1	-1.0	-0.5						10.1	-8.9	
6.600	-6.3	-1.9	-1.0						8.9	-10.2	
6.625	-7.8	-2.4	-1.2						8.2	-12.1	
6.650	-9.4	-2.9	-1.4						7.7	-12.1	
6.700	-12.6	-3.9	-1.9						6.4	-14.1	
6.750	-15.9	-4.9	-2.4						8.5	-16.6	
6.767	-17.0	-5.2	-2.6						5.9	-13.8	
6.800	-19.0	-5.9	-2.9						6.5	-13.8	
6.850	-22.2	-6.9	-3.4						5.1	-16.6	
6.875	-23.7	-7.3	-3.6						3.2	-17.9	
6.900	-25.3	-7.8	-3.9						3.7	-17.9	
6.950	-28.7	-8.8	-4.3						2.1	-20.5	
7.000	-32.1	-9.8	-4.8						1.6	-24.4	
7.000	32.7	10.1	4.9						23.7	-0.5	
7.050	30.0	9.3	4.5						22.3	-1.5	
7.100	27.3	8.5	4.1						20.1	-3.2	
7.125	26.0	8.1	3.9						18.3	-3.3	
7.150	24.7	7.7	3.7						18.2	-4.5	
7.156	24.4	7.6	3.7						18.2	-4.4	
7.200	22.2	6.9	3.4						15.2	-5.7	
7.250	19.7	6.1	3.0						13.7	-6.9	
7.280	18.1	5.6	2.7						13.7	-6.4	
7.300	17.1	5.3	2.6						13.4	-8.3	
7.312	16.9	5.2	2.5						16.0	-8.4	
7.350	15.0	4.6	2.3						13.3	-6.1	
7.400	12.5	3.8	1.9						12.1	-7.1	
7.450	10.0	3.0	1.5						12.3	-8.1	
7.469	9.0	2.7	1.4						12.3	-8.1	
7.500	7.5	2.2	1.1						11.0	-9.0	
7.550	5.0	1.5	0.7						10.0	-9.8	
7.600	2.4	0.7	0.4						10.1	-10.6	
7.625	1.2	0.3	0.2						9.4	-10.6	
7.643	0.0	-0.1	0.0						9.4	-10.2	
7.650	-0.4	-0.2	-0.1						8.7	-10.9	
7.664	-1.1	-0.4	-0.1						8.7	-9.7	
7.700	-2.9	-0.9	-0.4						9.4	-11.6	
7.703	-3.6	-1.1	-0.5						9.4	-10.8	
7.750	-6.0	-1.8	-0.9						8.4	-12.5	
7.800	-8.5	-2.6	-1.3						6.1	-13.5	
7.850	-11.0	-3.4	-1.6						5.1	-14.8	
7.852	-11.1	-3.4	-1.6						5.1	-14.1	
7.889	-13.0	-3.9	-1.9						5.1	-16.3	
7.900	-13.6	-4.1	-2.0						5.1	-16.8	
7.905	-13.8	-4.2	-2.1						5.1	-16.7	
7.950	-16.1	-4.9	-2.5						1.4	-19.2	
7.958	-16.5	-5.0	-2.5						1.4	-19.1	
8.000	-18.7	-5.7	-2.9						1.4	-19.1	
8.000	-18.7	-5.7	-2.9						1.4	-19.1	
8.000	0.2	0.2	0.1						16.0	0.0	
8.375	0.1	0.1	0.0						9.7	0.0	
9.000	0.0	0.0	0.0						9.7	0.0	

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD		DW	TRUCK		LANE		COMBINED		FATIGUE	
	FRAC	A-DC SHEAR (kips)		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
		B-DC SHEAR (kips)	SHEAR (kips)	(kips)	(kips)	(kips)	(kips)	TRUCK+LANE MAX (kips)	MIN (kips)	TRUCK MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.0	-13.3	0.0	0.0	0.0	-17.7		
0.625	-0.1	-0.1	0.0	0.0	-13.3	0.0	0.0	0.0	-17.7		
1.000	-0.2	-0.2	-0.1	0.0	-14.1	0.0	0.0	0.0	-18.7		
1.000	15.5	4.7	2.4	37.5	-4.5	0.0	0.0	49.8	-6.0		
1.000	15.5	4.7	2.4	35.7	-4.5	0.0	0.0	47.4	-6.0		
1.049	13.2	4.1	2.0	34.5	-4.5	0.0	0.0	45.9	-6.0		
1.050	13.1	4.0	2.0	33.6	-4.6	0.0	0.0	44.6	-6.1		
1.100	10.9	3.3	1.7	29.9	-4.6	0.0	0.0	39.7	-6.1		
1.109	10.5	3.2	1.6	29.9	-5.6	0.0	0.0	39.7	-7.4		
1.127	9.7	3.0	1.5	28.4	-6.4	0.0	0.0	37.8	-8.6		
1.143	9.0	2.8	1.3	24.6	-6.6	0.0	0.0	32.8	-8.7		
1.150	8.7	2.7	1.3	25.0	-6.6	0.0	0.0	33.2	-8.7		
1.200	6.5	2.0	1.0	22.0	-8.6	0.0	0.0	29.3	-11.5		
1.250	4.3	1.3	0.6	19.3	-10.8	0.0	0.0	25.7	-14.4		
1.286	2.7	0.8	0.4	21.2	-13.3	0.0	0.0	28.2	-17.7		
1.300	1.9	0.6	0.3	19.1	-9.9	0.0	0.0	25.4	-13.1		
1.343	0.0	0.0	0.0	16.2	-11.6	0.0	0.0	21.6	-15.4		
1.350	-0.3	-0.1	-0.1	16.7	-11.6	0.0	0.0	22.2	-15.4		
1.400	-2.5	-0.8	-0.4	14.6	-13.5	0.0	0.0	19.4	-18.0		
1.450	-4.7	-1.5	-0.7	13.3	-15.4	0.0	0.0	17.7	-20.5		
1.464	-5.3	-1.7	-0.8	13.3	-16.6	0.0	0.0	17.7	-22.0		
1.500	-6.9	-2.2	-1.1	11.0	-17.2	0.0	0.0	14.6	-22.9		
1.550	-9.1	-2.8	-1.4	9.9	-19.3	0.0	0.0	13.2	-25.7		
1.600	-11.3	-3.5	-1.8	7.9	-21.8	0.0	0.0	10.5	-28.9		
1.643	-13.4	-4.1	-2.0	11.6	-25.6	0.0	0.0	15.5	-34.0		
1.650	-13.8	-4.2	-2.0	10.5	-22.7	0.0	0.0	13.9	-30.2		
1.690	-15.5	-4.8	-2.3	7.9	-24.7	0.0	0.0	10.5	-32.8		
1.700	-16.0	-4.9	-2.4	8.6	-24.7	0.0	0.0	11.5	-32.8		
1.750	-18.2	-5.6	-2.7	7.8	-27.6	0.0	0.0	10.3	-36.7		
1.800	-20.4	-6.3	-3.1	5.4	-30.7	0.0	0.0	7.2	-40.9		
1.821	-21.3	-6.6	-3.2	5.4	-30.4	0.0	0.0	7.2	-40.4		
1.850	-22.6	-7.0	-3.4	3.8	-34.0	0.0	0.0	5.1	-45.2		
1.893	-24.5	-7.6	-3.7	1.6	-37.7	0.0	0.0	2.1	-50.2		
1.900	-24.8	-7.7	-3.7	1.7	-37.7	0.0	0.0	2.3	-50.2		
1.950	-27.1	-8.3	-4.1	1.5	-41.7	0.0	0.0	2.0	-55.4		
2.000	-29.4	-9.0	-4.4	1.5	-44.3	0.0	0.0	2.0	-58.9		
2.000	30.7	9.5	4.7	45.7	-4.1	0.0	0.0	60.7	-5.5		
2.050	27.4	8.5	4.2	42.6	-4.0	0.0	0.0	56.6	-5.4		
2.075	25.7	8.0	3.9	40.8	-4.0	0.0	0.0	54.2	-5.4		
2.100	24.2	7.5	3.7	38.3	-4.6	0.0	0.0	50.9	-6.1		
2.125	22.6	7.0	3.5	37.4	-5.5	0.0	0.0	49.8	-7.4		
2.150	21.0	6.5	3.2	34.3	-5.5	0.0	0.0	45.6	-7.4		
2.200	17.9	5.5	2.7	30.5	-7.0	0.0	0.0	40.5	-9.4		
2.201	17.8	5.5	2.7	30.5	-6.1	0.0	0.0	40.5	-8.1		
2.250	14.7	4.6	2.2	31.4	-12.1	0.0	0.0	41.8	-16.2		
2.300	11.5	3.6	1.8	26.9	-7.3	0.0	0.0	35.7	-9.7		
2.350	8.4	2.6	1.3	23.8	-9.2	0.0	0.0	31.6	-12.2		
2.375	6.8	2.1	1.0	23.0	-11.8	0.0	0.0	30.6	-15.7		
2.400	5.2	1.6	0.8	22.0	-11.8	0.0	0.0	29.3	-15.7		
2.450	2.1	0.6	0.3	18.2	-13.6	0.0	0.0	24.2	-18.1		
2.483	0.0	0.0	0.0	15.8	-16.2	0.0	0.0	21.0	-21.6		
2.500	-1.1	-0.3	-0.2	18.8	-18.7	0.0	0.0	25.1	-24.9		
2.550	-4.2	-1.3	-0.7	15.0	-16.7	0.0	0.0	19.9	-22.2		
2.600	-7.4	-2.3	-1.1	12.4	-19.4	0.0	0.0	16.5	-25.7		
2.625	-9.0	-2.8	-1.4	11.8	-23.0	0.0	0.0	15.7	-30.5		
2.650	-10.5	-3.3	-1.6	10.1	-23.0	0.0	0.0	13.5	-30.5		
2.700	-13.7	-4.3	-2.1	8.2	-26.5	0.0	0.0	10.8	-35.2		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-1 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.750	-16.9	-5.3	-2.6	12.0	-31.4	0.0	0.0	16.0	-41.7		
2.765	-17.9	-5.5	-2.7	10.9	-27.6	0.0	0.0	14.5	-36.7		
2.800	-20.1	-6.2	-3.1	9.3	-28.9	0.0	0.0	12.4	-38.4		
2.850	-23.2	-7.2	-3.5	6.1	-34.2	0.0	0.0	8.1	-45.4		
2.875	-24.8	-7.7	-3.8	3.4	-36.6	0.0	0.0	4.5	-48.7		
2.888	-25.6	-8.0	-3.9	3.4	-36.6	0.0	0.0	4.5	-48.7		
2.900	-26.5	-8.2	-4.0	3.9	-36.6	0.0	0.0	5.2	-48.7		
2.950	-29.9	-9.2	-4.5	2.4	-41.1	0.0	0.0	3.2	-54.6		
3.000	-33.3	-10.2	-5.0	2.3	-46.6	0.0	0.0	3.1	-62.0		
3.000	32.6	9.9	4.9	45.8	-4.1	0.0	0.0	60.9	-5.4		
3.050	29.2	9.0	4.4	42.7	-4.0	0.0	0.0	56.8	-5.3		
3.100	25.7	8.0	3.9	38.5	-4.6	0.0	0.0	51.2	-6.1		
3.112	24.9	7.7	3.8	38.5	-4.2	0.0	0.0	51.2	-5.7		
3.125	24.1	7.5	3.7	37.6	-5.5	0.0	0.0	50.0	-7.3		
3.150	22.5	7.0	3.4	34.6	-5.5	0.0	0.0	46.0	-7.3		
3.200	19.4	6.0	2.9	30.7	-7.0	0.0	0.0	40.8	-9.3		
3.245	16.5	5.1	2.5	27.8	-9.4	0.0	0.0	36.9	-12.5		
3.250	16.2	5.0	2.5	31.5	-12.0	0.0	0.0	41.9	-15.9		
3.300	12.9	4.0	2.0	26.9	-7.2	0.0	0.0	35.8	-9.6		
3.350	9.8	3.0	1.5	23.8	-9.1	0.0	0.0	31.7	-12.1		
3.375	8.2	2.6	1.3	23.1	-11.8	0.0	0.0	30.7	-15.6		
3.400	6.6	2.1	1.0	20.9	-11.8	0.0	0.0	27.8	-15.6		
3.450	3.5	1.1	0.5	18.2	-14.3	0.0	0.0	24.2	-19.0		
3.500	0.3	0.1	0.1	18.8	-18.8	0.0	0.0	25.0	-25.0		
3.504	0.0	0.0	0.0	17.7	-15.8	0.0	0.0	23.5	-21.0		
3.550	-2.9	-0.9	-0.4	14.9	-16.8	0.0	0.0	19.8	-22.4		
3.600	-6.0	-1.9	-0.9	12.4	-19.5	0.0	0.0	16.4	-25.9		
3.625	-7.6	-2.4	-1.2	11.8	-23.0	0.0	0.0	15.6	-30.6		
3.650	-9.2	-2.8	-1.4	10.1	-23.0	0.0	0.0	13.4	-30.6		
3.700	-12.3	-3.8	-1.9	8.1	-26.5	0.0	0.0	10.8	-35.3		
3.750	-15.6	-4.8	-2.4	12.0	-31.5	0.0	0.0	16.0	-41.8		
3.765	-16.5	-5.1	-2.5	10.9	-27.7	0.0	0.0	14.4	-36.9		
3.800	-18.8	-5.8	-2.8	9.3	-29.0	0.0	0.0	12.4	-38.6		
3.850	-21.9	-6.8	-3.3	6.1	-34.3	0.0	0.0	8.1	-45.6		
3.875	-23.5	-7.3	-3.6	4.3	-36.7	0.0	0.0	5.8	-48.8		
3.888	-24.3	-7.5	-3.7	4.3	-36.7	0.0	0.0	5.8	-48.8		
3.900	-25.1	-7.8	-3.8	4.7	-36.7	0.0	0.0	6.2	-48.8		
3.950	-28.5	-8.8	-4.3	4.0	-41.2	0.0	0.0	5.3	-54.8		
4.000	-32.0	-9.7	-4.8	4.1	-46.7	0.0	0.0	5.4	-62.1		
4.000	32.2	9.8	4.8	45.8	-4.1	0.0	0.0	60.9	-5.4		
4.050	28.8	8.8	4.3	42.7	-4.0	0.0	0.0	56.8	-5.3		
4.100	25.3	7.8	3.8	38.5	-4.5	0.0	0.0	51.2	-6.1		
4.113	24.5	7.6	3.7	38.5	-4.2	0.0	0.0	51.2	-5.6		
4.125	23.7	7.3	3.6	37.6	-5.5	0.0	0.0	50.0	-7.3		
4.150	22.1	6.8	3.4	34.5	-7.0	0.0	0.0	45.8	-9.3		
4.200	19.0	5.9	2.9	30.7	-7.0	0.0	0.0	40.8	-9.3		
4.232	16.9	5.2	2.6	27.8	-9.4	0.0	0.0	36.9	-12.5		
4.250	15.8	4.9	2.4	31.5	-12.0	0.0	0.0	41.9	-15.9		
4.300	12.5	3.9	1.9	26.9	-7.2	0.0	0.0	35.7	-9.6		
4.350	9.4	2.9	1.4	23.8	-9.1	0.0	0.0	31.7	-12.1		
4.375	7.8	2.4	1.2	23.1	-11.8	0.0	0.0	30.7	-15.6		
4.400	6.2	1.9	0.9	20.9	-11.8	0.0	0.0	27.8	-15.6		
4.450	3.1	0.9	0.5	18.2	-13.8	0.0	0.0	24.2	-18.3		
4.499	0.0	0.0	0.0	15.8	-16.3	0.0	0.0	21.0	-21.6		
4.500	-0.1	0.0	0.0	18.8	-18.8	0.0	0.0	25.0	-25.0		
4.550	-3.3	-1.0	-0.5	14.9	-16.8	0.0	0.0	19.8	-22.4		
4.600	-6.4	-2.0	-1.0	12.4	-19.5	0.0	0.0	16.4	-25.9		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.625	-8.0	-2.5	-1.2	11.8	-23.1	0.0	0.0	15.6	-30.7		
4.650	-9.6	-3.0	-1.5	10.1	-23.1	0.0	0.0	13.4	-30.7		
4.700	-12.7	-4.0	-1.9	8.1	-26.6	0.0	0.0	10.8	-35.3		
4.750	-16.0	-4.9	-2.4	12.0	-31.5	0.0	0.0	16.0	-41.9		
4.765	-16.9	-5.2	-2.6	10.9	-27.8	0.0	0.0	14.4	-36.9		
4.800	-19.1	-5.9	-2.9	9.3	-29.0	0.0	0.0	12.4	-38.6		
4.850	-22.3	-6.9	-3.4	6.1	-34.3	0.0	0.0	8.1	-45.6		
4.875	-23.9	-7.4	-3.6	4.4	-36.7	0.0	0.0	5.8	-48.8		
4.888	-24.7	-7.6	-3.7	4.4	-36.7	0.0	0.0	5.8	-48.8		
4.900	-25.5	-7.9	-3.9	4.7	-36.7	0.0	0.0	6.2	-48.8		
4.950	-28.9	-8.9	-4.4	4.0	-41.2	0.0	0.0	5.4	-54.8		
5.000	-32.3	-9.9	-4.8	4.1	-46.7	0.0	0.0	5.5	-62.1		
5.000	32.3	9.8	4.8	45.8	-4.1	0.0	0.0	60.9	-5.4		
5.050	28.8	8.9	4.3	42.7	-4.0	0.0	0.0	56.8	-5.3		
5.100	25.4	7.9	3.9	38.5	-4.5	0.0	0.0	51.2	-6.0		
5.113	24.6	7.6	3.7	38.5	-4.2	0.0	0.0	51.2	-5.6		
5.125	23.8	7.4	3.6	37.6	-5.5	0.0	0.0	50.0	-7.3		
5.150	22.2	6.9	3.4	35.4	-5.5	0.0	0.0	47.1	-7.3		
5.200	19.1	5.9	2.9	30.6	-7.0	0.0	0.0	40.8	-9.3		
5.236	16.8	5.2	2.5	27.8	-9.4	0.0	0.0	36.9	-12.5		
5.250	15.9	4.9	2.4	31.5	-12.0	0.0	0.0	41.9	-15.9		
5.300	12.6	3.9	1.9	26.9	-7.2	0.0	0.0	35.7	-9.6		
5.350	9.5	3.0	1.4	23.8	-9.1	0.0	0.0	31.7	-12.1		
5.375	7.9	2.5	1.2	23.1	-11.8	0.0	0.0	30.7	-15.6		
5.400	6.3	2.0	1.0	20.9	-11.8	0.0	0.0	27.8	-15.6		
5.450	3.2	1.0	0.5	18.2	-13.9	0.0	0.0	24.2	-18.5		
5.500	0.0	0.0	0.0	18.8	-18.8	0.0	0.0	25.0	-25.0		
5.550	-3.2	-1.0	-0.5	14.9	-16.8	0.0	0.0	19.8	-22.4		
5.600	-6.3	-2.0	-1.0	12.4	-19.5	0.0	0.0	16.4	-25.9		
5.625	-7.9	-2.4	-1.2	11.7	-23.1	0.0	0.0	15.6	-30.7		
5.650	-9.5	-2.9	-1.4	10.1	-23.1	0.0	0.0	13.4	-30.7		
5.700	-12.6	-3.9	-1.9	8.1	-26.5	0.0	0.0	10.8	-35.2		
5.750	-15.9	-4.9	-2.4	12.0	-31.5	0.0	0.0	16.0	-41.9		
5.764	-16.8	-5.2	-2.5	10.9	-27.8	0.0	0.0	14.4	-36.9		
5.800	-19.1	-5.9	-2.9	9.3	-29.0	0.0	0.0	12.4	-38.6		
5.850	-22.2	-6.9	-3.4	6.1	-34.3	0.0	0.0	8.1	-45.6		
5.875	-23.8	-7.4	-3.6	4.4	-36.7	0.0	0.0	5.8	-48.8		
5.888	-24.6	-7.6	-3.7	4.4	-36.7	0.0	0.0	5.8	-48.8		
5.900	-25.4	-7.9	-3.9	4.7	-36.7	0.0	0.0	6.2	-48.8		
5.950	-28.8	-8.8	-4.3	4.0	-41.2	0.0	0.0	5.4	-54.8		
6.000	-32.2	-9.8	-4.8	4.1	-46.7	0.0	0.0	5.5	-62.1		
6.000	32.3	9.9	4.8	45.8	-3.3	0.0	0.0	60.9	-4.4		
6.050	28.9	8.9	4.4	42.7	-3.3	0.0	0.0	56.7	-4.4		
6.100	25.5	7.9	3.9	38.4	-4.1	0.0	0.0	51.1	-5.5		
6.112	24.6	7.6	3.7	38.4	-3.8	0.0	0.0	51.1	-5.1		
6.125	23.9	7.4	3.6	37.6	-5.5	0.0	0.0	50.0	-7.3		
6.150	22.3	6.9	3.4	35.5	-5.5	0.0	0.0	47.3	-7.3		
6.200	19.1	5.9	2.9	30.6	-7.0	0.0	0.0	40.7	-9.3		
6.235	17.0	5.2	2.6	27.7	-9.4	0.0	0.0	36.9	-12.5		
6.250	16.0	4.9	2.4	31.5	-12.0	0.0	0.0	41.8	-15.9		
6.300	12.7	3.9	1.9	26.8	-7.2	0.0	0.0	35.7	-9.6		
6.350	9.6	3.0	1.5	23.8	-9.1	0.0	0.0	31.6	-12.1		
6.375	8.0	2.5	1.2	23.0	-11.8	0.0	0.0	30.6	-15.7		
6.400	6.4	2.0	1.0	20.9	-11.8	0.0	0.0	27.8	-15.7		
6.450	3.3	1.0	0.5	18.2	-14.0	0.0	0.0	24.2	-18.6		
6.500	0.1	0.0	0.0	18.8	-18.8	0.0	0.0	25.0	-25.0		
6.501	0.0	0.0	0.0	17.6	-15.8	0.0	0.0	23.4	-21.0		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 3 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-1 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.550	-3.1	-1.0	-0.5	14.9	-16.8	0.0	0.0	19.8	-22.4		
6.600	-6.3	-1.9	-1.0	12.4	-19.5	0.0	0.0	16.5	-25.9		
6.625	-7.8	-2.4	-1.2	11.8	-23.0	0.0	0.0	15.7	-30.7		
6.650	-9.4	-2.9	-1.4	10.1	-23.0	0.0	0.0	13.5	-30.7		
6.700	-12.6	-3.9	-1.9	8.2	-26.8	0.0	0.0	10.9	-35.7		
6.750	-15.9	-4.9	-2.4	12.1	-31.4	0.0	0.0	16.0	-41.8		
6.767	-17.0	-5.2	-2.6	7.3	-28.9	0.0	0.0	9.8	-38.4		
6.800	-19.0	-5.9	-2.9	8.4	-28.9	0.0	0.0	11.2	-38.4		
6.850	-22.2	-6.9	-3.4	6.1	-34.2	0.0	0.0	8.1	-45.5		
6.875	-23.7	-7.3	-3.6	4.4	-36.6	0.0	0.0	5.8	-48.7		
6.900	-25.3	-7.8	-3.9	4.7	-36.6	0.0	0.0	6.2	-48.7		
6.950	-28.7	-8.8	-4.3	4.1	-41.1	0.0	0.0	5.5	-54.7		
7.000	-32.1	-9.8	-4.8	4.1	-46.6	0.0	0.0	5.5	-62.0		
7.000	32.7	10.1	4.9	45.4	-1.3	0.0	0.0	60.4	-1.7		
7.050	30.0	9.3	4.5	44.1	-1.4	0.0	0.0	58.7	-1.8		
7.100	27.3	8.5	4.1	40.3	-3.2	0.0	0.0	53.6	-4.3		
7.125	26.0	8.1	3.9	37.4	-3.4	0.0	0.0	49.7	-4.5		
7.150	24.7	7.7	3.7	36.8	-5.3	0.0	0.0	48.9	-7.0		
7.156	24.4	7.6	3.7	36.8	-5.2	0.0	0.0	48.9	-6.9		
7.200	22.2	6.9	3.4	30.5	-7.0	0.0	0.0	40.5	-9.3		
7.250	19.7	6.1	3.0	27.3	-9.0	0.0	0.0	36.3	-12.0		
7.280	18.1	5.6	2.7	27.3	-8.1	0.0	0.0	36.3	-10.8		
7.300	17.1	5.3	2.6	26.6	-11.0	0.0	0.0	35.4	-14.6		
7.312	16.9	5.2	2.5	30.0	-11.2	0.0	0.0	39.9	-14.9		
7.350	15.0	4.6	2.3	24.7	-7.8	0.0	0.0	32.9	-10.4		
7.400	12.5	3.8	1.9	21.9	-9.3	0.0	0.0	29.2	-12.4		
7.450	10.0	3.0	1.5	21.1	-10.8	0.0	0.0	28.1	-14.4		
7.469	9.0	2.7	1.4	21.1	-11.2	0.0	0.0	28.1	-14.9		
7.500	7.5	2.2	1.1	17.6	-12.5	0.0	0.0	23.5	-16.6		
7.550	5.0	1.5	0.7	15.5	-14.2	0.0	0.0	20.7	-18.9		
7.600	2.4	0.7	0.4	15.0	-15.9	0.0	0.0	20.0	-21.2		
7.625	1.2	0.3	0.2	15.0	-17.5	0.0	0.0	20.0	-23.3		
7.643	0.0	-0.1	0.0	13.4	-17.5	0.0	0.0	17.8	-23.3		
7.650	-0.4	-0.2	-0.1	12.2	-18.7	0.0	0.0	16.2	-24.8		
7.664	-1.1	-0.4	-0.1	12.2	-17.1	0.0	0.0	16.2	-22.7		
7.700	-2.9	-0.9	-0.4	12.8	-20.1	0.0	0.0	17.1	-26.8		
7.703	-3.6	-1.1	-0.5	13.3	-20.9	0.0	0.0	17.6	-27.7		
7.750	-6.0	-1.8	-0.9	11.3	-23.6	0.0	0.0	15.0	-31.4		
7.800	-8.5	-2.6	-1.3	7.3	-25.8	0.0	0.0	9.8	-34.3		
7.850	-11.0	-3.4	-1.6	5.7	-28.5	0.0	0.0	7.6	-37.9		
7.852	-11.1	-3.4	-1.6	5.7	-27.6	0.0	0.0	7.6	-36.7		
7.889	-13.0	-3.9	-1.9	5.7	-31.2	0.0	0.0	7.6	-41.5		
7.900	-13.6	-4.1	-2.0	5.3	-32.0	0.0	0.0	7.0	-42.6		
7.905	-13.8	-4.2	-2.1	5.3	-32.0	0.0	0.0	7.0	-42.6		
7.950	-16.1	-4.9	-2.5	3.9	-35.8	0.0	0.0	5.2	-47.6		
7.958	-16.5	-5.0	-2.5	3.9	-35.5	0.0	0.0	5.1	-47.2		
8.000	-18.7	-5.7	-2.9	3.9	-35.5	0.0	0.0	5.1	-47.2		
8.000	-18.7	-5.7	-2.9	3.9	-38.9	0.0	0.0	5.1	-51.8		
8.000	0.2	0.2	0.1	13.1	0.0	0.0	0.0	17.4	0.0		
8.375	0.1	0.1	0.0	7.2	0.0	0.0	0.0	9.6	0.0		
9.000	0.0	0.0	0.0	7.2	0.0	0.0	0.0	9.6	0.0		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.0	-11.3	0.0	0.0	0.0	-15.0		
0.625	-0.1	-0.1	0.0	0.0	-11.3	0.0	0.0	0.0	-15.1		
1.000	-0.2	-0.2	-0.1	0.0	-12.0	0.0	0.0	0.0	-15.9		
1.000	15.5	4.7	2.4	37.3	-4.4	0.0	0.0	49.6	-5.9		
1.000	15.5	4.7	2.4	35.6	-4.4	0.0	0.0	47.3	-5.9		
1.049	13.2	4.1	2.0	34.5	-4.4	0.0	0.0	45.8	-5.9		
1.050	13.1	4.0	2.0	33.5	-4.4	0.0	0.0	44.6	-5.9		
1.100	10.9	3.3	1.7	30.1	-4.4	0.0	0.0	40.0	-5.8		
1.109	10.5	3.2	1.6	30.1	-5.0	0.0	0.0	40.0	-6.6		
1.127	9.7	3.0	1.5	28.8	-5.6	0.0	0.0	38.3	-7.5		
1.143	9.0	2.8	1.3	25.4	-5.7	0.0	0.0	33.8	-7.6		
1.150	8.7	2.7	1.3	25.7	-5.7	0.0	0.0	34.1	-7.6		
1.200	6.5	2.0	1.0	22.5	-8.2	0.0	0.0	29.9	-10.9		
1.250	4.3	1.3	0.6	19.9	-10.8	0.0	0.0	26.5	-14.4		
1.286	2.7	0.8	0.4	21.9	-13.3	0.0	0.0	29.2	-17.7		
1.300	1.9	0.6	0.3	19.9	-9.9	0.0	0.0	26.5	-13.1		
1.343	0.0	0.0	0.0	17.2	-11.8	0.0	0.0	22.9	-15.7		
1.350	-0.3	-0.1	-0.1	17.7	-11.8	0.0	0.0	23.6	-15.7		
1.400	-2.5	-0.8	-0.4	15.7	-14.3	0.0	0.0	20.9	-19.0		
1.450	-4.7	-1.5	-0.7	14.5	-16.8	0.0	0.0	19.3	-22.3		
1.464	-5.3	-1.7	-0.8	14.5	-18.3	0.0	0.0	19.3	-24.3		
1.500	-6.9	-2.2	-1.1	11.9	-19.1	0.0	0.0	15.8	-25.4		
1.550	-9.1	-2.8	-1.4	10.6	-21.4	0.0	0.0	14.1	-28.5		
1.600	-11.3	-3.5	-1.8	8.2	-23.6	0.0	0.0	10.9	-31.4		
1.643	-13.4	-4.1	-2.0	11.9	-26.6	0.0	0.0	15.8	-35.4		
1.650	-13.8	-4.2	-2.0	10.5	-23.7	0.0	0.0	13.9	-31.6		
1.690	-15.5	-4.8	-2.3	7.9	-25.3	0.0	0.0	10.5	-33.6		
1.700	-16.0	-4.9	-2.4	8.6	-25.3	0.0	0.0	11.5	-33.6		
1.750	-18.2	-5.6	-2.7	7.8	-27.8	0.0	0.0	10.3	-37.0		
1.800	-20.4	-6.3	-3.1	4.9	-30.6	0.0	0.0	6.5	-40.7		
1.821	-21.3	-6.6	-3.2	4.9	-30.4	0.0	0.0	6.5	-40.4		
1.850	-22.6	-7.0	-3.4	3.2	-33.7	0.0	0.0	4.3	-44.8		
1.893	-24.5	-7.6	-3.7	1.4	-37.2	0.0	0.0	1.9	-49.5		
1.900	-24.8	-7.7	-3.7	1.5	-37.2	0.0	0.0	2.0	-49.5		
1.950	-27.1	-8.3	-4.1	1.4	-40.9	0.0	0.0	1.9	-54.4		
2.000	-29.4	-9.0	-4.4	1.4	-43.3	0.0	0.0	1.9	-57.6		
2.000	30.7	9.5	4.7	43.8	-4.0	0.0	0.0	58.3	-5.3		
2.050	27.4	8.5	4.2	40.9	-3.9	0.0	0.0	54.4	-5.2		
2.075	25.7	8.0	3.9	39.1	-3.9	0.0	0.0	52.1	-5.2		
2.100	24.2	7.5	3.7	36.7	-4.2	0.0	0.0	48.8	-5.5		
2.125	22.6	7.0	3.5	36.0	-5.3	0.0	0.0	47.8	-7.0		
2.150	21.0	6.5	3.2	33.0	-5.3	0.0	0.0	43.9	-7.0		
2.200	17.9	5.5	2.7	29.5	-7.0	0.0	0.0	39.3	-9.4		
2.201	17.8	5.5	2.7	29.5	-6.1	0.0	0.0	39.3	-8.1		
2.250	14.7	4.6	2.2	30.6	-12.5	0.0	0.0	40.7	-16.6		
2.300	11.5	3.6	1.8	26.5	-7.6	0.0	0.0	35.2	-10.1		
2.350	8.4	2.6	1.3	23.7	-9.9	0.0	0.0	31.5	-13.1		
2.375	6.8	2.1	1.0	23.0	-12.9	0.0	0.0	30.6	-17.1		
2.400	5.2	1.6	0.8	22.2	-12.9	0.0	0.0	29.5	-17.1		
2.450	2.1	0.6	0.3	18.6	-14.6	0.0	0.0	24.8	-19.4		
2.483	0.0	0.0	0.0	16.3	-17.0	0.0	0.0	21.6	-22.6		
2.500	-1.1	-0.3	-0.2	19.4	-19.4	0.0	0.0	25.9	-25.8		
2.550	-4.2	-1.3	-0.7	15.9	-17.2	0.0	0.0	21.1	-22.9		
2.600	-7.4	-2.3	-1.1	13.5	-19.7	0.0	0.0	17.9	-26.1		
2.625	-9.0	-2.8	-1.4	12.9	-22.9	0.0	0.0	17.1	-30.5		
2.650	-10.5	-3.3	-1.6	11.0	-22.9	0.0	0.0	14.7	-30.5		
2.700	-13.7	-4.3	-2.1	8.7	-26.2	0.0	0.0	11.5	-34.8		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.750	-16.9	-5.3	-2.6	12.3	-30.6	0.0	0.0	16.4	-40.7		
2.765	-17.9	-5.5	-2.7	11.0	-27.0	0.0	0.0	14.6	-35.9		
2.800	-20.1	-6.2	-3.1	9.3	-28.1	0.0	0.0	12.4	-37.4		
2.850	-23.2	-7.2	-3.5	5.8	-32.9	0.0	0.0	7.7	-43.8		
2.875	-24.8	-7.7	-3.8	3.1	-35.2	0.0	0.0	4.1	-46.9		
2.888	-25.6	-8.0	-3.9	3.1	-35.2	0.0	0.0	4.1	-46.9		
2.900	-26.5	-8.2	-4.0	3.3	-35.2	0.0	0.0	4.4	-46.9		
2.950	-29.9	-9.2	-4.5	2.3	-39.5	0.0	0.0	3.1	-52.5		
3.000	-33.3	-10.2	-5.0	2.3	-44.7	0.0	0.0	3.1	-59.5		
3.000	32.6	9.9	4.9	44.0	-4.0	0.0	0.0	58.5	-5.3		
3.050	29.2	9.0	4.4	41.0	-3.9	0.0	0.0	54.5	-5.2		
3.100	25.7	8.0	3.9	36.9	-4.1	0.0	0.0	49.1	-5.5		
3.112	24.9	7.7	3.8	36.9	-3.9	0.0	0.0	49.1	-5.2		
3.125	24.1	7.5	3.7	36.1	-5.3	0.0	0.0	48.1	-7.0		
3.150	22.5	7.0	3.4	33.3	-5.3	0.0	0.0	44.3	-7.0		
3.200	19.4	6.0	2.9	29.7	-7.0	0.0	0.0	39.6	-9.3		
3.245	16.5	5.1	2.5	27.1	-9.4	0.0	0.0	36.0	-12.5		
3.250	16.2	5.0	2.5	30.7	-12.3	0.0	0.0	40.8	-16.4		
3.300	12.9	4.0	2.0	26.5	-7.6	0.0	0.0	35.3	-10.1		
3.350	9.8	3.0	1.5	23.8	-9.9	0.0	0.0	31.6	-13.1		
3.375	8.2	2.6	1.3	23.0	-12.8	0.0	0.0	30.6	-17.1		
3.400	6.6	2.1	1.0	21.1	-12.8	0.0	0.0	28.1	-17.1		
3.450	3.5	1.1	0.5	18.6	-15.2	0.0	0.0	24.7	-20.3		
3.500	0.3	0.1	0.1	19.4	-19.4	0.0	0.0	25.8	-25.8		
3.504	0.0	0.0	0.0	18.3	-16.2	0.0	0.0	24.4	-21.6		
3.550	-2.9	-0.9	-0.4	15.8	-17.3	0.0	0.0	21.0	-23.0		
3.600	-6.0	-1.9	-0.9	13.4	-19.7	0.0	0.0	17.9	-26.3		
3.625	-7.6	-2.4	-1.2	12.8	-23.0	0.0	0.0	17.1	-30.6		
3.650	-9.2	-2.8	-1.4	11.0	-23.0	0.0	0.0	14.6	-30.6		
3.700	-12.3	-3.8	-1.9	8.6	-26.2	0.0	0.0	11.5	-34.8		
3.750	-15.6	-4.8	-2.4	12.3	-30.6	0.0	0.0	16.4	-40.8		
3.765	-16.5	-5.1	-2.5	11.0	-27.1	0.0	0.0	14.6	-36.0		
3.800	-18.8	-5.8	-2.8	9.3	-28.2	0.0	0.0	12.4	-37.5		
3.850	-21.9	-6.8	-3.3	5.8	-33.0	0.0	0.0	7.7	-43.9		
3.875	-23.5	-7.3	-3.6	3.9	-35.3	0.0	0.0	5.2	-46.9		
3.888	-24.3	-7.5	-3.7	3.9	-35.3	0.0	0.0	5.2	-46.9		
3.900	-25.1	-7.8	-3.8	4.2	-35.3	0.0	0.0	5.6	-46.9		
3.950	-28.5	-8.8	-4.3	3.9	-39.5	0.0	0.0	5.2	-52.6		
4.000	-32.0	-9.7	-4.8	3.9	-44.8	0.0	0.0	5.2	-59.6		
4.000	32.2	9.8	4.8	44.0	-4.0	0.0	0.0	58.5	-5.3		
4.050	28.8	8.8	4.3	41.0	-3.9	0.0	0.0	54.5	-5.2		
4.100	25.3	7.8	3.8	36.9	-4.1	0.0	0.0	49.1	-5.5		
4.113	24.5	7.6	3.7	36.9	-3.9	0.0	0.0	49.1	-5.2		
4.125	23.7	7.3	3.6	36.1	-5.3	0.0	0.0	48.0	-7.0		
4.150	22.1	6.8	3.4	33.2	-6.9	0.0	0.0	44.2	-9.2		
4.200	19.0	5.9	2.9	29.7	-7.0	0.0	0.0	39.6	-9.3		
4.232	16.9	5.2	2.6	27.1	-9.4	0.0	0.0	36.0	-12.5		
4.250	15.8	4.9	2.4	30.7	-12.3	0.0	0.0	40.8	-16.4		
4.300	12.5	3.9	1.9	26.5	-7.6	0.0	0.0	35.3	-10.1		
4.350	9.4	2.9	1.4	23.7	-9.9	0.0	0.0	31.6	-13.1		
4.375	7.8	2.4	1.2	23.0	-12.8	0.0	0.0	30.6	-17.1		
4.400	6.2	1.9	0.9	21.1	-12.8	0.0	0.0	28.1	-17.1		
4.450	3.1	0.9	0.5	18.6	-14.7	0.0	0.0	24.7	-19.6		
4.499	0.0	0.0	0.0	16.2	-17.0	0.0	0.0	21.6	-22.6		
4.500	-0.1	0.0	0.0	19.4	-19.4	0.0	0.0	25.8	-25.8		
4.550	-3.3	-1.0	-0.5	15.8	-17.3	0.0	0.0	21.0	-23.0		
4.600	-6.4	-2.0	-1.0	13.4	-19.8	0.0	0.0	17.9	-26.3		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-2 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.625	-8.0	-2.5	-1.2	12.8	-23.0	0.0	0.0	17.1	-30.6		
4.650	-9.6	-3.0	-1.5	11.0	-23.0	0.0	0.0	14.6	-30.6		
4.700	-12.7	-4.0	-1.9	8.6	-26.2	0.0	0.0	11.5	-34.9		
4.750	-16.0	-4.9	-2.4	12.3	-30.7	0.0	0.0	16.4	-40.8		
4.765	-16.9	-5.2	-2.6	11.0	-27.1	0.0	0.0	14.6	-36.0		
4.800	-19.1	-5.9	-2.9	9.3	-28.2	0.0	0.0	12.4	-37.5		
4.850	-22.3	-6.9	-3.4	5.8	-33.0	0.0	0.0	7.7	-43.9		
4.875	-23.9	-7.4	-3.6	4.0	-35.3	0.0	0.0	5.3	-47.0		
4.888	-24.7	-7.6	-3.7	4.0	-35.3	0.0	0.0	5.3	-47.0		
4.900	-25.5	-7.9	-3.9	4.2	-35.3	0.0	0.0	5.6	-47.0		
4.950	-28.9	-8.9	-4.4	3.9	-39.5	0.0	0.0	5.2	-52.6		
5.000	-32.3	-9.9	-4.8	4.0	-44.8	0.0	0.0	5.3	-59.6		
5.000	32.3	9.8	4.8	44.0	-4.0	0.0	0.0	58.5	-5.3		
5.050	28.8	8.9	4.3	41.0	-3.9	0.0	0.0	54.5	-5.2		
5.100	25.4	7.9	3.9	36.9	-4.1	0.0	0.0	49.1	-5.5		
5.113	24.6	7.6	3.7	36.9	-3.9	0.0	0.0	49.1	-5.2		
5.125	23.8	7.4	3.6	36.1	-5.2	0.0	0.0	48.0	-7.0		
5.150	22.2	6.9	3.4	34.1	-5.2	0.0	0.0	45.3	-7.0		
5.200	19.1	5.9	2.9	29.7	-7.0	0.0	0.0	39.6	-9.3		
5.236	16.8	5.2	2.5	27.1	-9.4	0.0	0.0	36.0	-12.5		
5.250	15.9	4.9	2.4	30.7	-12.3	0.0	0.0	40.8	-16.4		
5.300	12.6	3.9	1.9	26.5	-7.6	0.0	0.0	35.2	-10.1		
5.350	9.5	3.0	1.4	23.7	-9.9	0.0	0.0	31.6	-13.1		
5.375	7.9	2.5	1.2	23.0	-12.8	0.0	0.0	30.6	-17.1		
5.400	6.3	2.0	1.0	21.1	-12.8	0.0	0.0	28.1	-17.1		
5.450	3.2	1.0	0.5	18.6	-14.9	0.0	0.0	24.7	-19.8		
5.500	0.0	0.0	0.0	19.4	-19.4	0.0	0.0	25.8	-25.8		
5.550	-3.2	-1.0	-0.5	15.8	-17.3	0.0	0.0	21.0	-23.0		
5.600	-6.3	-2.0	-1.0	13.4	-19.8	0.0	0.0	17.9	-26.3		
5.625	-7.9	-2.4	-1.2	12.8	-23.0	0.0	0.0	17.1	-30.6		
5.650	-9.5	-2.9	-1.4	11.0	-23.0	0.0	0.0	14.6	-30.6		
5.700	-12.6	-3.9	-1.9	8.6	-26.1	0.0	0.0	11.5	-34.7		
5.750	-15.9	-4.9	-2.4	12.3	-30.7	0.0	0.0	16.4	-40.8		
5.764	-16.8	-5.2	-2.5	11.0	-27.1	0.0	0.0	14.6	-36.0		
5.800	-19.1	-5.9	-2.9	9.3	-28.2	0.0	0.0	12.4	-37.5		
5.850	-22.2	-6.9	-3.4	5.8	-33.0	0.0	0.0	7.7	-43.9		
5.875	-23.8	-7.4	-3.6	4.0	-35.3	0.0	0.0	5.3	-47.0		
5.888	-24.6	-7.6	-3.7	4.0	-35.3	0.0	0.0	5.3	-47.0		
5.900	-25.4	-7.9	-3.9	4.2	-35.3	0.0	0.0	5.6	-47.0		
5.950	-28.8	-8.8	-4.3	3.9	-39.5	0.0	0.0	5.2	-52.6		
6.000	-32.2	-9.8	-4.8	4.0	-44.8	0.0	0.0	5.3	-59.6		
6.000	32.3	9.9	4.8	44.0	-3.2	0.0	0.0	58.5	-4.3		
6.050	28.9	8.9	4.4	41.0	-3.2	0.0	0.0	54.5	-4.3		
6.100	25.5	7.9	3.9	36.9	-3.7	0.0	0.0	49.1	-5.0		
6.112	24.6	7.6	3.7	36.9	-3.5	0.0	0.0	49.1	-4.6		
6.125	23.9	7.4	3.6	36.1	-5.1	0.0	0.0	48.0	-6.8		
6.150	22.3	6.9	3.4	34.2	-5.1	0.0	0.0	45.5	-6.8		
6.200	19.1	5.9	2.9	29.7	-7.0	0.0	0.0	39.5	-9.3		
6.235	17.0	5.2	2.6	27.0	-9.4	0.0	0.0	36.0	-12.5		
6.250	16.0	4.9	2.4	30.6	-12.3	0.0	0.0	40.7	-16.4		
6.300	12.7	3.9	1.9	26.5	-7.6	0.0	0.0	35.2	-10.1		
6.350	9.6	3.0	1.5	23.7	-9.9	0.0	0.0	31.5	-13.1		
6.375	8.0	2.5	1.2	23.0	-12.8	0.0	0.0	30.6	-17.1		
6.400	6.4	2.0	1.0	21.1	-12.8	0.0	0.0	28.1	-17.1		
6.450	3.3	1.0	0.5	18.6	-15.0	0.0	0.0	24.7	-19.9		
6.500	0.1	0.0	0.0	19.4	-19.4	0.0	0.0	25.8	-25.8		
6.501	0.0	0.0	0.0	18.3	-16.3	0.0	0.0	24.4	-21.6		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 4 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-2 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.550	-3.1	-1.0	-0.5	15.8	-17.3	0.0	0.0	21.1	-23.0		
6.600	-6.3	-1.9	-1.0	13.5	-19.7	0.0	0.0	17.9	-26.3		
6.625	-7.8	-2.4	-1.2	12.8	-23.0	0.0	0.0	17.1	-30.6		
6.650	-9.4	-2.9	-1.4	11.0	-23.0	0.0	0.0	14.6	-30.6		
6.700	-12.6	-3.9	-1.9	8.6	-26.4	0.0	0.0	11.5	-35.2		
6.750	-15.9	-4.9	-2.4	12.4	-30.6	0.0	0.0	16.5	-40.7		
6.767	-17.0	-5.2	-2.6	7.3	-28.1	0.0	0.0	9.8	-37.4		
6.800	-19.0	-5.9	-2.9	8.4	-28.1	0.0	0.0	11.2	-37.4		
6.850	-22.2	-6.9	-3.4	5.9	-32.9	0.0	0.0	7.8	-43.8		
6.875	-23.7	-7.3	-3.6	4.0	-35.2	0.0	0.0	5.3	-46.9		
6.900	-25.3	-7.8	-3.9	4.3	-35.2	0.0	0.0	5.7	-46.9		
6.950	-28.7	-8.8	-4.3	4.0	-39.5	0.0	0.0	5.3	-52.5		
7.000	-32.1	-9.8	-4.8	4.0	-44.7	0.0	0.0	5.3	-59.5		
7.000	32.7	10.1	4.9	43.7	-1.3	0.0	0.0	58.1	-1.7		
7.050	30.0	9.3	4.5	42.5	-1.3	0.0	0.0	56.5	-1.7		
7.100	27.3	8.5	4.1	38.9	-2.7	0.0	0.0	51.8	-3.6		
7.125	26.0	8.1	3.9	36.1	-2.8	0.0	0.0	48.1	-3.7		
7.150	24.7	7.7	3.7	35.6	-4.8	0.0	0.0	47.4	-6.4		
7.156	24.4	7.6	3.7	35.6	-4.8	0.0	0.0	47.4	-6.4		
7.200	22.2	6.9	3.4	29.9	-7.0	0.0	0.0	39.8	-9.3		
7.250	19.7	6.1	3.0	27.1	-9.0	0.0	0.0	36.0	-12.0		
7.280	18.1	5.6	2.7	27.1	-8.1	0.0	0.0	36.0	-10.8		
7.300	17.1	5.3	2.6	26.5	-11.2	0.0	0.0	35.2	-14.8		
7.312	16.9	5.2	2.5	29.8	-11.4	0.0	0.0	39.6	-15.2		
7.350	15.0	4.6	2.3	25.2	-8.1	0.0	0.0	33.5	-10.7		
7.400	12.5	3.8	1.9	23.0	-9.9	0.0	0.0	30.6	-13.2		
7.450	10.0	3.0	1.5	22.5	-11.8	0.0	0.0	29.9	-15.6		
7.469	9.0	2.7	1.4	22.5	-12.2	0.0	0.0	29.9	-16.3		
7.500	7.5	2.2	1.1	19.6	-13.5	0.0	0.0	26.1	-18.0		
7.550	5.0	1.5	0.7	17.3	-15.1	0.0	0.0	23.0	-20.1		
7.600	2.4	0.7	0.4	16.5	-16.6	0.0	0.0	21.9	-22.1		
7.625	1.2	0.3	0.2	16.5	-18.1	0.0	0.0	21.9	-24.0		
7.643	0.0	-0.1	0.0	14.6	-18.1	0.0	0.0	19.4	-24.0		
7.650	-0.4	-0.2	-0.1	12.8	-19.2	0.0	0.0	17.0	-25.5		
7.664	-1.1	-0.4	-0.1	12.8	-17.6	0.0	0.0	17.0	-23.4		
7.700	-2.9	-0.9	-0.4	13.3	-20.5	0.0	0.0	17.6	-27.3		
7.703	-3.6	-1.1	-0.5	13.5	-21.2	0.0	0.0	18.0	-28.2		
7.750	-6.0	-1.8	-0.9	11.3	-23.8	0.0	0.0	15.0	-31.6		
7.800	-8.5	-2.6	-1.3	6.9	-25.8	0.0	0.0	9.2	-34.3		
7.850	-11.0	-3.4	-1.6	4.9	-28.5	0.0	0.0	6.6	-37.9		
7.852	-11.1	-3.4	-1.6	4.9	-27.9	0.0	0.0	6.6	-37.1		
7.889	-13.0	-3.9	-1.9	4.9	-31.0	0.0	0.0	6.6	-41.2		
7.900	-13.6	-4.1	-2.0	4.7	-31.7	0.0	0.0	6.2	-42.2		
7.905	-13.8	-4.2	-2.1	4.7	-31.7	0.0	0.0	6.2	-42.2		
7.950	-16.1	-4.9	-2.5	3.8	-35.2	0.0	0.0	5.0	-46.9		
7.958	-16.5	-5.0	-2.5	3.7	-35.0	0.0	0.0	5.0	-46.5		
8.000	-18.7	-5.7	-2.9	3.7	-35.0	0.0	0.0	5.0	-46.5		
8.000	-18.7	-5.7	-2.9	3.7	-38.3	0.0	0.0	5.0	-51.0		
8.000	0.2	0.2	0.1	10.9	0.0	0.0	0.0	14.5	0.0		
8.375	0.1	0.1	0.0	6.2	0.0	0.0	0.0	8.2	0.0		
9.000	0.0	0.0	0.0	6.2	0.0	0.0	0.0	8.2	0.0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.0	-11.1	0.0	0.0	0.0	-14.8		
0.625	-0.1	-0.1	0.0	0.0	-11.1	0.0	0.0	0.0	-14.8		
1.000	-0.2	-0.2	-0.1	0.0	-11.7	0.0	0.0	0.0	-15.6		
1.000	15.5	4.7	2.4	37.7	-4.4	0.0	0.0	50.2	-5.9		
1.000	15.5	4.7	2.4	36.0	-4.4	0.0	0.0	47.8	-5.9		
1.049	13.2	4.1	2.0	34.9	-4.4	0.0	0.0	46.4	-5.9		
1.050	13.1	4.0	2.0	34.0	-4.5	0.0	0.0	45.2	-5.9		
1.100	10.9	3.3	1.7	30.5	-4.4	0.0	0.0	40.6	-5.9		
1.109	10.5	3.2	1.6	30.5	-5.0	0.0	0.0	40.6	-6.6		
1.127	9.7	3.0	1.5	29.2	-5.6	0.0	0.0	38.9	-7.5		
1.143	9.0	2.8	1.3	25.8	-5.7	0.0	0.0	34.4	-7.6		
1.150	8.7	2.7	1.3	26.1	-5.7	0.0	0.0	34.7	-7.6		
1.200	6.5	2.0	1.0	22.9	-8.2	0.0	0.0	30.5	-10.9		
1.250	4.3	1.3	0.6	20.4	-10.8	0.0	0.0	27.1	-14.4		
1.286	2.7	0.8	0.4	22.5	-13.3	0.0	0.0	29.9	-17.7		
1.300	1.9	0.6	0.3	20.4	-9.9	0.0	0.0	27.1	-13.1		
1.343	0.0	0.0	0.0	17.6	-11.7	0.0	0.0	23.4	-15.6		
1.350	-0.3	-0.1	-0.1	18.1	-11.7	0.0	0.0	24.0	-15.6		
1.400	-2.5	-0.8	-0.4	15.9	-14.0	0.0	0.0	21.1	-18.6		
1.450	-4.7	-1.5	-0.7	14.5	-16.4	0.0	0.0	19.3	-21.8		
1.464	-5.3	-1.7	-0.8	14.5	-18.0	0.0	0.0	19.3	-23.9		
1.500	-6.9	-2.2	-1.1	11.7	-18.9	0.0	0.0	15.6	-25.1		
1.550	-9.1	-2.8	-1.4	10.5	-21.6	0.0	0.0	13.9	-28.7		
1.600	-11.3	-3.5	-1.8	8.1	-24.2	0.0	0.0	10.7	-32.2		
1.643	-13.4	-4.1	-2.0	11.8	-27.7	0.0	0.0	15.7	-36.8		
1.650	-13.8	-4.2	-2.0	10.5	-24.6	0.0	0.0	13.9	-32.7		
1.690	-15.5	-4.8	-2.3	7.9	-26.2	0.0	0.0	10.5	-34.9		
1.700	-16.0	-4.9	-2.4	8.6	-26.2	0.0	0.0	11.5	-34.9		
1.750	-18.2	-5.6	-2.7	7.8	-28.8	0.0	0.0	10.3	-38.3		
1.800	-20.4	-6.3	-3.1	4.9	-31.5	0.0	0.0	6.5	-42.0		
1.821	-21.3	-6.6	-3.2	4.9	-31.3	0.0	0.0	6.5	-41.6		
1.850	-22.6	-7.0	-3.4	3.2	-34.4	0.0	0.0	4.3	-45.8		
1.893	-24.5	-7.6	-3.7	1.4	-37.8	0.0	0.0	1.9	-50.3		
1.900	-24.8	-7.7	-3.7	1.5	-37.8	0.0	0.0	2.0	-50.3		
1.950	-27.1	-8.3	-4.1	1.5	-41.3	0.0	0.0	1.9	-55.0		
2.000	-29.4	-9.0	-4.4	1.5	-43.6	0.0	0.0	1.9	-58.0		
2.000	30.7	9.5	4.7	43.8	-4.0	0.0	0.0	58.3	-5.4		
2.050	27.4	8.5	4.2	40.7	-4.0	0.0	0.0	54.2	-5.3		
2.075	25.7	8.0	3.9	39.1	-4.0	0.0	0.0	52.0	-5.3		
2.100	24.2	7.5	3.7	36.7	-4.2	0.0	0.0	48.8	-5.6		
2.125	22.6	7.0	3.5	36.0	-5.3	0.0	0.0	47.8	-7.0		
2.150	21.0	6.5	3.2	33.1	-5.3	0.0	0.0	44.0	-7.0		
2.200	17.9	5.5	2.7	29.7	-7.0	0.0	0.0	39.5	-9.4		
2.201	17.8	5.5	2.7	29.7	-6.1	0.0	0.0	39.5	-8.1		
2.250	14.7	4.6	2.2	30.8	-12.4	0.0	0.0	41.0	-16.4		
2.300	11.5	3.6	1.8	26.7	-7.5	0.0	0.0	35.6	-9.9		
2.350	8.4	2.6	1.3	24.0	-9.7	0.0	0.0	31.9	-12.9		
2.375	6.8	2.1	1.0	23.3	-12.8	0.0	0.0	31.0	-17.1		
2.400	5.2	1.6	0.8	22.5	-12.8	0.0	0.0	29.9	-17.1		
2.450	2.1	0.6	0.3	19.0	-14.8	0.0	0.0	25.3	-19.6		
2.483	0.0	0.0	0.0	16.7	-17.4	0.0	0.0	22.1	-23.1		
2.500	-1.1	-0.3	-0.2	19.9	-19.9	0.0	0.0	26.5	-26.4		
2.550	-4.2	-1.3	-0.7	16.2	-17.6	0.0	0.0	21.5	-23.4		
2.600	-7.4	-2.3	-1.1	13.5	-20.0	0.0	0.0	18.0	-26.6		
2.625	-9.0	-2.8	-1.4	12.9	-23.3	0.0	0.0	17.2	-31.0		
2.650	-10.5	-3.3	-1.6	10.9	-23.3	0.0	0.0	14.5	-31.0		
2.700	-13.7	-4.3	-2.1	8.5	-26.5	0.0	0.0	11.2	-35.2		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-3 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.750	-16.9	-5.3	-2.6	12.2	-30.8	0.0	0.0	16.2	-41.0		
2.765	-17.9	-5.5	-2.7	11.0	-27.1	0.0	0.0	14.6	-36.1		
2.800	-20.1	-6.2	-3.1	9.3	-28.3	0.0	0.0	12.4	-37.6		
2.850	-23.2	-7.2	-3.5	5.8	-33.0	0.0	0.0	7.7	-43.9		
2.875	-24.8	-7.7	-3.8	3.2	-35.3	0.0	0.0	4.2	-46.9		
2.888	-25.6	-8.0	-3.9	3.2	-35.3	0.0	0.0	4.2	-46.9		
2.900	-26.5	-8.2	-4.0	3.4	-35.3	0.0	0.0	4.6	-46.9		
2.950	-29.9	-9.2	-4.5	2.5	-39.4	0.0	0.0	3.3	-52.4		
3.000	-33.3	-10.2	-5.0	2.5	-44.7	0.0	0.0	3.3	-59.5		
3.000	32.6	9.9	4.9	43.9	-4.0	0.0	0.0	58.4	-5.3		
3.050	29.2	9.0	4.4	40.9	-3.9	0.0	0.0	54.3	-5.3		
3.100	25.7	8.0	3.9	36.9	-4.1	0.0	0.0	49.1	-5.5		
3.112	24.9	7.7	3.8	36.9	-3.9	0.0	0.0	49.1	-5.2		
3.125	24.1	7.5	3.7	36.1	-5.3	0.0	0.0	48.1	-7.0		
3.150	22.5	7.0	3.4	33.4	-5.3	0.0	0.0	44.4	-7.0		
3.200	19.4	6.0	2.9	29.9	-7.0	0.0	0.0	39.7	-9.3		
3.245	16.5	5.1	2.5	27.2	-9.4	0.0	0.0	36.2	-12.5		
3.250	16.2	5.0	2.5	30.9	-12.2	0.0	0.0	41.1	-16.2		
3.300	12.9	4.0	2.0	26.8	-7.4	0.0	0.0	35.6	-9.9		
3.350	9.8	3.0	1.5	24.1	-9.7	0.0	0.0	32.0	-12.9		
3.375	8.2	2.6	1.3	23.4	-12.8	0.0	0.0	31.1	-17.1		
3.400	6.6	2.1	1.0	21.5	-12.8	0.0	0.0	28.6	-17.1		
3.450	3.5	1.1	0.5	19.0	-15.5	0.0	0.0	25.2	-20.6		
3.500	0.3	0.1	0.1	19.9	-19.9	0.0	0.0	26.4	-26.4		
3.504	0.0	0.0	0.0	18.8	-16.6	0.0	0.0	24.9	-22.1		
3.550	-2.9	-0.9	-0.4	16.1	-17.6	0.0	0.0	21.4	-23.5		
3.600	-6.0	-1.9	-0.9	13.5	-20.1	0.0	0.0	18.0	-26.7		
3.625	-7.6	-2.4	-1.2	12.9	-23.3	0.0	0.0	17.1	-31.0		
3.650	-9.2	-2.8	-1.4	10.8	-23.3	0.0	0.0	14.4	-31.0		
3.700	-12.3	-3.8	-1.9	8.4	-26.4	0.0	0.0	11.2	-35.2		
3.750	-15.6	-4.8	-2.4	12.2	-30.9	0.0	0.0	16.2	-41.1		
3.765	-16.5	-5.1	-2.5	10.9	-27.2	0.0	0.0	14.6	-36.2		
3.800	-18.8	-5.8	-2.8	9.3	-28.4	0.0	0.0	12.4	-37.7		
3.850	-21.9	-6.8	-3.3	5.8	-33.1	0.0	0.0	7.7	-44.0		
3.875	-23.5	-7.3	-3.6	4.0	-35.3	0.0	0.0	5.3	-47.0		
3.888	-24.3	-7.5	-3.7	4.0	-35.3	0.0	0.0	5.3	-47.0		
3.900	-25.1	-7.8	-3.8	4.2	-35.3	0.0	0.0	5.6	-47.0		
3.950	-28.5	-8.8	-4.3	3.9	-39.5	0.0	0.0	5.2	-52.5		
4.000	-32.0	-9.7	-4.8	4.0	-44.8	0.0	0.0	5.3	-59.5		
4.000	32.2	9.8	4.8	43.9	-4.0	0.0	0.0	58.4	-5.3		
4.050	28.8	8.8	4.3	40.9	-3.9	0.0	0.0	54.3	-5.2		
4.100	25.3	7.8	3.8	36.9	-4.1	0.0	0.0	49.1	-5.5		
4.113	24.5	7.6	3.7	36.9	-3.9	0.0	0.0	49.1	-5.2		
4.125	23.7	7.3	3.6	36.1	-5.3	0.0	0.0	48.1	-7.0		
4.150	22.1	6.8	3.4	33.3	-6.9	0.0	0.0	44.3	-9.2		
4.200	19.0	5.9	2.9	29.9	-7.0	0.0	0.0	39.7	-9.3		
4.232	16.9	5.2	2.6	27.2	-9.4	0.0	0.0	36.2	-12.5		
4.250	15.8	4.9	2.4	30.9	-12.2	0.0	0.0	41.1	-16.2		
4.300	12.5	3.9	1.9	26.8	-7.4	0.0	0.0	35.6	-9.9		
4.350	9.4	2.9	1.4	24.0	-9.7	0.0	0.0	32.0	-12.9		
4.375	7.8	2.4	1.2	23.3	-12.9	0.0	0.0	31.0	-17.1		
4.400	6.2	1.9	0.9	21.5	-12.9	0.0	0.0	28.6	-17.1		
4.450	3.1	0.9	0.5	19.0	-15.0	0.0	0.0	25.2	-19.9		
4.499	0.0	0.0	0.0	16.6	-17.4	0.0	0.0	22.1	-23.1		
4.500	-0.1	0.0	0.0	19.9	-19.9	0.0	0.0	26.4	-26.4		
4.550	-3.3	-1.0	-0.5	16.1	-17.6	0.0	0.0	21.4	-23.5		
4.600	-6.4	-2.0	-1.0	13.5	-20.1	0.0	0.0	18.0	-26.7		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-3 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.625	-8.0	-2.5	-1.2	12.9	-23.3	0.0	0.0	17.1	-31.1		
4.650	-9.6	-3.0	-1.5	10.8	-23.3	0.0	0.0	14.4	-31.1		
4.700	-12.7	-4.0	-1.9	8.4	-26.5	0.0	0.0	11.2	-35.2		
4.750	-16.0	-4.9	-2.4	12.2	-30.9	0.0	0.0	16.2	-41.1		
4.765	-16.9	-5.2	-2.6	10.9	-27.2	0.0	0.0	14.6	-36.2		
4.800	-19.1	-5.9	-2.9	9.3	-28.4	0.0	0.0	12.4	-37.7		
4.850	-22.3	-6.9	-3.4	5.8	-33.1	0.0	0.0	7.7	-44.0		
4.875	-23.9	-7.4	-3.6	4.0	-35.3	0.0	0.0	5.3	-47.0		
4.888	-24.7	-7.6	-3.7	4.0	-35.3	0.0	0.0	5.3	-47.0		
4.900	-25.5	-7.9	-3.9	4.2	-35.3	0.0	0.0	5.6	-47.0		
4.950	-28.9	-8.9	-4.4	3.9	-39.5	0.0	0.0	5.2	-52.5		
5.000	-32.3	-9.9	-4.8	4.0	-44.8	0.0	0.0	5.3	-59.5		
5.000	32.3	9.8	4.8	43.9	-4.0	0.0	0.0	58.4	-5.3		
5.050	28.8	8.9	4.3	40.8	-3.9	0.0	0.0	54.3	-5.2		
5.100	25.4	7.9	3.9	36.9	-4.1	0.0	0.0	49.1	-5.5		
5.113	24.6	7.6	3.7	36.9	-3.9	0.0	0.0	49.1	-5.2		
5.125	23.8	7.4	3.6	36.1	-5.3	0.0	0.0	48.1	-7.0		
5.150	22.2	6.9	3.4	34.2	-5.3	0.0	0.0	45.4	-7.0		
5.200	19.1	5.9	2.9	29.9	-7.0	0.0	0.0	39.7	-9.3		
5.236	16.8	5.2	2.5	27.2	-9.4	0.0	0.0	36.2	-12.5		
5.250	15.9	4.9	2.4	30.9	-12.2	0.0	0.0	41.1	-16.2		
5.300	12.6	3.9	1.9	26.8	-7.4	0.0	0.0	35.6	-9.9		
5.350	9.5	3.0	1.4	24.0	-9.7	0.0	0.0	32.0	-12.9		
5.375	7.9	2.5	1.2	23.3	-12.9	0.0	0.0	31.0	-17.1		
5.400	6.3	2.0	1.0	21.5	-12.9	0.0	0.0	28.6	-17.1		
5.450	3.2	1.0	0.5	19.0	-15.1	0.0	0.0	25.2	-20.1		
5.500	0.0	0.0	0.0	19.9	-19.9	0.0	0.0	26.4	-26.4		
5.550	-3.2	-1.0	-0.5	16.1	-17.7	0.0	0.0	21.4	-23.5		
5.600	-6.3	-2.0	-1.0	13.5	-20.1	0.0	0.0	17.9	-26.7		
5.625	-7.9	-2.4	-1.2	12.9	-23.4	0.0	0.0	17.1	-31.1		
5.650	-9.5	-2.9	-1.4	10.8	-23.4	0.0	0.0	14.4	-31.1		
5.700	-12.6	-3.9	-1.9	8.4	-26.4	0.0	0.0	11.2	-35.1		
5.750	-15.9	-4.9	-2.4	12.2	-30.9	0.0	0.0	16.2	-41.1		
5.764	-16.8	-5.2	-2.5	10.9	-27.2	0.0	0.0	14.5	-36.2		
5.800	-19.1	-5.9	-2.9	9.3	-28.4	0.0	0.0	12.4	-37.7		
5.850	-22.2	-6.9	-3.4	5.8	-33.1	0.0	0.0	7.7	-44.0		
5.875	-23.8	-7.4	-3.6	4.0	-35.3	0.0	0.0	5.3	-47.0		
5.888	-24.6	-7.6	-3.7	4.0	-35.3	0.0	0.0	5.3	-47.0		
5.900	-25.4	-7.9	-3.9	4.2	-35.3	0.0	0.0	5.7	-47.0		
5.950	-28.8	-8.8	-4.3	3.9	-39.5	0.0	0.0	5.2	-52.5		
6.000	-32.2	-9.8	-4.8	4.0	-44.8	0.0	0.0	5.3	-59.5		
6.000	32.3	9.9	4.8	43.9	-3.4	0.0	0.0	58.4	-4.5		
6.050	28.9	8.9	4.4	40.8	-3.3	0.0	0.0	54.3	-4.4		
6.100	25.5	7.9	3.9	36.9	-3.8	0.0	0.0	49.0	-5.1		
6.112	24.6	7.6	3.7	36.9	-3.6	0.0	0.0	49.0	-4.7		
6.125	23.9	7.4	3.6	36.1	-5.1	0.0	0.0	48.0	-6.8		
6.150	22.3	6.9	3.4	34.3	-5.1	0.0	0.0	45.6	-6.8		
6.200	19.1	5.9	2.9	29.8	-7.0	0.0	0.0	39.7	-9.3		
6.235	17.0	5.2	2.6	27.2	-9.4	0.0	0.0	36.2	-12.5		
6.250	16.0	4.9	2.4	30.9	-12.2	0.0	0.0	41.1	-16.2		
6.300	12.7	3.9	1.9	26.8	-7.4	0.0	0.0	35.6	-9.9		
6.350	9.6	3.0	1.5	24.0	-9.7	0.0	0.0	32.0	-12.9		
6.375	8.0	2.5	1.2	23.3	-12.9	0.0	0.0	31.0	-17.1		
6.400	6.4	2.0	1.0	21.5	-12.9	0.0	0.0	28.5	-17.1		
6.450	3.3	1.0	0.5	19.0	-15.2	0.0	0.0	25.2	-20.2		
6.500	0.1	0.0	0.0	19.9	-19.9	0.0	0.0	26.5	-26.4		
6.501	0.0	0.0	0.0	18.8	-16.6	0.0	0.0	24.9	-22.1		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 5 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-3 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.550	-3.1	-1.0	-0.5	16.1	-17.6	0.0	0.0	21.5	-23.5		
6.600	-6.3	-1.9	-1.0	13.5	-20.1	0.0	0.0	18.0	-26.7		
6.625	-7.8	-2.4	-1.2	12.9	-23.3	0.0	0.0	17.1	-31.0		
6.650	-9.4	-2.9	-1.4	10.8	-23.3	0.0	0.0	14.4	-31.0		
6.700	-12.6	-3.9	-1.9	8.4	-26.7	0.0	0.0	11.2	-35.5		
6.750	-15.9	-4.9	-2.4	12.3	-30.9	0.0	0.0	16.3	-41.1		
6.767	-17.0	-5.2	-2.6	7.3	-28.3	0.0	0.0	9.8	-37.6		
6.800	-19.0	-5.9	-2.9	8.4	-28.3	0.0	0.0	11.2	-37.6		
6.850	-22.2	-6.9	-3.4	5.9	-33.0	0.0	0.0	7.8	-43.9		
6.875	-23.7	-7.3	-3.6	4.0	-35.3	0.0	0.0	5.3	-46.9		
6.900	-25.3	-7.8	-3.9	4.3	-35.3	0.0	0.0	5.7	-46.9		
6.950	-28.7	-8.8	-4.3	4.0	-39.4	0.0	0.0	5.3	-52.4		
7.000	-32.1	-9.8	-4.8	4.0	-44.7	0.0	0.0	5.3	-59.4		
7.000	32.7	10.1	4.9	43.8	-1.3	0.0	0.0	58.3	-1.7		
7.050	30.0	9.3	4.5	42.6	-1.3	0.0	0.0	56.6	-1.7		
7.100	27.3	8.5	4.1	39.1	-2.7	0.0	0.0	52.0	-3.6		
7.125	26.0	8.1	3.9	36.4	-2.8	0.0	0.0	48.4	-3.7		
7.150	24.7	7.7	3.7	35.9	-4.8	0.0	0.0	47.8	-6.4		
7.156	24.4	7.6	3.7	35.9	-4.8	0.0	0.0	47.8	-6.4		
7.200	22.2	6.9	3.4	30.5	-7.0	0.0	0.0	40.5	-9.3		
7.250	19.7	6.1	3.0	27.7	-9.0	0.0	0.0	36.9	-12.0		
7.280	18.1	5.6	2.7	27.7	-8.1	0.0	0.0	36.9	-10.8		
7.300	17.1	5.3	2.6	27.1	-11.1	0.0	0.0	36.1	-14.8		
7.312	16.9	5.2	2.5	30.6	-11.3	0.0	0.0	40.7	-15.1		
7.350	15.0	4.6	2.3	26.2	-7.9	0.0	0.0	34.8	-10.5		
7.400	12.5	3.8	1.9	23.8	-9.8	0.0	0.0	31.7	-13.0		
7.450	10.0	3.0	1.5	23.2	-11.7	0.0	0.0	30.9	-15.5		
7.469	9.0	2.7	1.4	23.2	-12.2	0.0	0.0	30.9	-16.3		
7.500	7.5	2.2	1.1	19.8	-13.6	0.0	0.0	26.3	-18.1		
7.550	5.0	1.5	0.7	17.0	-15.4	0.0	0.0	22.5	-20.4		
7.600	2.4	0.7	0.4	16.1	-17.0	0.0	0.0	21.3	-22.6		
7.625	1.2	0.3	0.2	16.1	-18.5	0.0	0.0	21.3	-24.6		
7.643	0.0	-0.1	0.0	14.2	-18.5	0.0	0.0	18.9	-24.6		
7.650	-0.4	-0.2	-0.1	12.6	-19.6	0.0	0.0	16.7	-26.1		
7.664	-1.1	-0.4	-0.1	12.6	-18.0	0.0	0.0	16.7	-23.9		
7.700	-2.9	-0.9	-0.4	13.1	-20.9	0.0	0.0	17.4	-27.9		
7.703	-3.6	-1.1	-0.5	13.4	-21.6	0.0	0.0	17.8	-28.7		
7.750	-6.0	-1.8	-0.9	11.3	-24.2	0.0	0.0	15.0	-32.1		
7.800	-8.5	-2.6	-1.3	6.9	-26.2	0.0	0.0	9.2	-34.8		
7.850	-11.0	-3.4	-1.6	5.0	-28.8	0.0	0.0	6.6	-38.4		
7.852	-11.1	-3.4	-1.6	5.0	-28.2	0.0	0.0	6.6	-37.5		
7.889	-13.0	-3.9	-1.9	5.0	-31.3	0.0	0.0	6.6	-41.7		
7.900	-13.6	-4.1	-2.0	4.7	-32.0	0.0	0.0	6.2	-42.6		
7.905	-13.8	-4.2	-2.1	4.7	-32.0	0.0	0.0	6.2	-42.6		
7.950	-16.1	-4.9	-2.5	3.8	-35.5	0.0	0.0	5.1	-47.2		
7.958	-16.5	-5.0	-2.5	3.8	-35.2	0.0	0.0	5.0	-46.9		
8.000	-18.7	-5.7	-2.9	3.8	-35.2	0.0	0.0	5.0	-46.9		
8.000	-18.7	-5.7	-2.9	3.8	-38.5	0.0	0.0	5.0	-51.3		
8.000	0.2	0.2	0.1	10.9	0.0	0.0	0.0	14.5	0.0		
8.375	0.1	0.1	0.0	6.1	0.0	0.0	0.0	8.0	0.0		
9.000	0.0	0.0	0.0	6.1	0.0	0.0	0.0	8.0	0.0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000		0.0	0.0	0.0	0.0	-16.1	0.0	0.0	0.0	-21.4		
0.625		-0.1	-0.1	0.0	0.0	-16.1	0.0	0.0	0.0	-21.4		
1.000		-0.2	-0.2	-0.1	0.0	-17.0	0.0	0.0	0.0	-22.6		
1.000	15.5	4.7	2.4	39.1	-4.4	0.0	0.0	52.1	-5.9			
1.000	15.5	4.7	2.4	37.3	-4.4	0.0	0.0	49.6	-5.9			
1.049	13.2	4.1	2.0	36.2	-4.4	0.0	0.0	48.1	-5.9			
1.050	13.1	4.0	2.0	35.2	-4.4	0.0	0.0	46.8	-5.9			
1.100	10.9	3.3	1.7	31.5	-4.8	0.0	0.0	41.9	-6.4			
1.109	10.5	3.2	1.6	31.5	-5.3	0.0	0.0	41.9	-7.1			
1.127	9.7	3.0	1.5	30.1	-6.1	0.0	0.0	40.0	-8.1			
1.143	9.0	2.8	1.3	26.2	-6.2	0.0	0.0	34.9	-8.2			
1.150	8.7	2.7	1.3	26.6	-6.2	0.0	0.0	35.3	-8.2			
1.200	6.5	2.0	1.0	23.5	-8.1	0.0	0.0	31.3	-10.8			
1.250	4.3	1.3	0.6	20.8	-9.9	0.0	0.0	27.7	-13.2			
1.286	2.7	0.8	0.4	23.0	-12.8	0.0	0.0	30.5	-17.0			
1.300	1.9	0.6	0.3	20.8	-9.5	0.0	0.0	27.6	-12.6			
1.343	0.0	0.0	0.0	17.8	-11.6	0.0	0.0	23.6	-15.4			
1.350	-0.3	-0.1	-0.1	18.3	-11.6	0.0	0.0	24.3	-15.4			
1.400	-2.5	-0.8	-0.4	16.0	-14.0	0.0	0.0	21.3	-18.7			
1.450	-4.7	-1.5	-0.7	14.6	-16.5	0.0	0.0	19.5	-22.0			
1.464	-5.3	-1.7	-0.8	14.6	-18.2	0.0	0.0	19.5	-24.2			
1.500	-6.9	-2.2	-1.1	11.8	-19.1	0.0	0.0	15.7	-25.5			
1.550	-9.1	-2.8	-1.4	10.5	-21.8	0.0	0.0	13.9	-29.0			
1.600	-11.3	-3.5	-1.8	8.1	-24.5	0.0	0.0	10.7	-32.6			
1.643	-13.4	-4.1	-2.0	11.7	-28.2	0.0	0.0	15.6	-37.5			
1.650	-13.8	-4.2	-2.0	10.4	-25.0	0.0	0.0	13.8	-33.3			
1.690	-15.5	-4.8	-2.3	7.5	-26.8	0.0	0.0	10.0	-35.7			
1.700	-16.0	-4.9	-2.4	8.2	-26.8	0.0	0.0	11.0	-35.7			
1.750	-18.2	-5.6	-2.7	7.3	-29.7	0.0	0.0	9.7	-39.5			
1.800	-20.4	-6.3	-3.1	5.1	-32.7	0.0	0.0	6.8	-43.5			
1.821	-21.3	-6.6	-3.2	5.1	-32.3	0.0	0.0	6.8	-43.0			
1.850	-22.6	-7.0	-3.4	3.6	-35.8	0.0	0.0	4.8	-47.6			
1.893	-24.5	-7.6	-3.7	1.7	-39.2	0.0	0.0	2.2	-52.2			
1.900	-24.8	-7.7	-3.7	1.8	-39.2	0.0	0.0	2.4	-52.2			
1.950	-27.1	-8.3	-4.1	1.6	-42.8	0.0	0.0	2.2	-57.0			
2.000	-29.4	-9.0	-4.4	1.4	-45.3	0.0	0.0	1.9	-60.3			
2.000	30.7	9.5	4.7	45.8	-4.0	0.0	0.0	60.9	-5.3			
2.050	27.4	8.5	4.2	42.8	-3.9	0.0	0.0	56.9	-5.2			
2.075	25.7	8.0	3.9	41.0	-3.9	0.0	0.0	54.6	-5.2			
2.100	24.2	7.5	3.7	38.7	-4.4	0.0	0.0	51.5	-5.9			
2.125	22.6	7.0	3.5	37.9	-5.3	0.0	0.0	50.4	-7.0			
2.150	21.0	6.5	3.2	34.9	-5.3	0.0	0.0	46.4	-7.0			
2.200	17.9	5.5	2.7	31.2	-6.6	0.0	0.0	41.5	-8.8			
2.201	17.8	5.5	2.7	31.2	-5.8	0.0	0.0	41.5	-7.7			
2.250	14.7	4.6	2.2	32.4	-12.2	0.0	0.0	43.1	-16.3			
2.300	11.5	3.6	1.8	27.9	-7.4	0.0	0.0	37.1	-9.9			
2.350	8.4	2.6	1.3	25.0	-9.8	0.0	0.0	33.3	-13.0			
2.375	6.8	2.1	1.0	24.2	-13.0	0.0	0.0	32.2	-17.2			
2.400	5.2	1.6	0.8	23.3	-13.0	0.0	0.0	31.0	-17.2			
2.450	2.1	0.6	0.3	19.5	-14.9	0.0	0.0	26.0	-19.8			
2.483	0.0	0.0	0.0	17.0	-17.7	0.0	0.0	22.7	-23.5			
2.500	-1.1	-0.3	-0.2	20.4	-20.3	0.0	0.0	27.1	-27.1			
2.550	-4.2	-1.3	-0.7	16.4	-18.0	0.0	0.0	21.8	-24.0			
2.600	-7.4	-2.3	-1.1	13.6	-20.6	0.0	0.0	18.1	-27.5			
2.625	-9.0	-2.8	-1.4	13.0	-24.1	0.0	0.0	17.3	-32.1			
2.650	-10.5	-3.3	-1.6	11.0	-24.1	0.0	0.0	14.6	-32.1			
2.700	-13.7	-4.3	-2.1	8.5	-27.6	0.0	0.0	11.3	-36.7			

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-4 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK		
	FRAC	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.750		-16.9	-5.3	-2.6	12.2	-32.4	0.0	0.0	16.2	-43.0		
2.765		-17.9	-5.5	-2.7	11.0	-28.5	0.0	0.0	14.6	-37.8		
2.800		-20.1	-6.2	-3.1	8.9	-29.7	0.0	0.0	11.9	-39.5		
2.850		-23.2	-7.2	-3.5	5.7	-34.8	0.0	0.0	7.6	-46.3		
2.875		-24.8	-7.7	-3.8	3.4	-37.2	0.0	0.0	4.5	-49.4		
2.888		-25.6	-8.0	-3.9	3.4	-37.2	0.0	0.0	4.5	-49.4		
2.900		-26.5	-8.2	-4.0	3.7	-37.2	0.0	0.0	4.9	-49.4		
2.950		-29.9	-9.2	-4.5	2.6	-41.4	0.0	0.0	3.5	-55.0		
3.000		-33.3	-10.2	-5.0	2.5	-46.7	0.0	0.0	3.3	-62.1		
3.000	32.6		9.9	4.9	45.9	-4.0	0.0	0.0	61.0	-5.3		
3.050	29.2		9.0	4.4	42.9	-3.9	0.0	0.0	57.0	-5.2		
3.100	25.7		8.0	3.9	38.9	-4.4	0.0	0.0	51.8	-5.8		
3.112	24.9		7.7	3.8	38.9	-4.1	0.0	0.0	51.8	-5.4		
3.125	24.1		7.5	3.7	38.1	-5.2	0.0	0.0	50.7	-7.0		
3.150	22.5		7.0	3.4	35.2	-5.2	0.0	0.0	46.8	-7.0		
3.200	19.4		6.0	2.9	31.4	-6.5	0.0	0.0	41.8	-8.7		
3.245	16.5		5.1	2.5	28.6	-9.3	0.0	0.0	38.0	-12.4		
3.250	16.2		5.0	2.5	32.5	-12.2	0.0	0.0	43.2	-16.2		
3.300	12.9		4.0	2.0	28.0	-7.5	0.0	0.0	37.2	-9.9		
3.350	9.8		3.0	1.5	25.0	-9.7	0.0	0.0	33.3	-13.0		
3.375	8.2		2.6	1.3	24.2	-12.9	0.0	0.0	32.2	-17.2		
3.400	6.6		2.1	1.0	22.2	-12.9	0.0	0.0	29.5	-17.2		
3.450	3.5		1.1	0.5	19.5	-15.6	0.0	0.0	25.9	-20.8		
3.500	0.3		0.1	0.1	20.3	-20.3	0.0	0.0	27.1	-27.0		
3.504	0.0		0.0	0.0	19.2	-17.0	0.0	0.0	25.5	-22.6		
3.550	-2.9		-0.9	-0.4	16.3	-18.1	0.0	0.0	21.7	-24.1		
3.600	-6.0		-1.9	-0.9	13.6	-20.7	0.0	0.0	18.1	-27.5		
3.625	-7.6		-2.4	-1.2	12.9	-24.2	0.0	0.0	17.2	-32.2		
3.650	-9.2		-2.8	-1.4	11.0	-24.2	0.0	0.0	14.6	-32.2		
3.700	-12.3		-3.8	-1.9	8.5	-27.6	0.0	0.0	11.3	-36.7		
3.750	-15.6		-4.8	-2.4	12.2	-32.5	0.0	0.0	16.2	-43.2		
3.765	-16.5		-5.1	-2.5	10.9	-28.5	0.0	0.0	14.6	-38.0		
3.800	-18.8		-5.8	-2.8	8.9	-29.8	0.0	0.0	11.9	-39.6		
3.850	-21.9		-6.8	-3.3	5.7	-34.9	0.0	0.0	7.6	-46.4		
3.875	-23.5		-7.3	-3.6	4.2	-37.2	0.0	0.0	5.5	-49.5		
3.888	-24.3		-7.5	-3.7	4.2	-37.2	0.0	0.0	5.5	-49.5		
3.900	-25.1		-7.8	-3.8	4.5	-37.2	0.0	0.0	5.9	-49.5		
3.950	-28.5		-8.8	-4.3	3.9	-41.4	0.0	0.0	5.2	-55.1		
4.000	-32.0		-9.7	-4.8	3.9	-46.8	0.0	0.0	5.2	-62.2		
4.000	32.2		9.8	4.8	45.9	-4.0	0.0	0.0	61.0	-5.3		
4.050	28.8		8.8	4.3	42.9	-3.9	0.0	0.0	57.0	-5.2		
4.100	25.3		7.8	3.8	38.9	-4.4	0.0	0.0	51.8	-5.8		
4.113	24.5		7.6	3.7	38.9	-4.1	0.0	0.0	51.8	-5.4		
4.125	23.7		7.3	3.6	38.1	-5.2	0.0	0.0	50.7	-7.0		
4.150	22.1		6.8	3.4	35.0	-6.6	0.0	0.0	46.6	-8.7		
4.200	19.0		5.9	2.9	31.4	-6.5	0.0	0.0	41.8	-8.7		
4.232	16.9		5.2	2.6	28.6	-9.3	0.0	0.0	38.0	-12.4		
4.250	15.8		4.9	2.4	32.5	-12.2	0.0	0.0	43.2	-16.2		
4.300	12.5		3.9	1.9	27.9	-7.4	0.0	0.0	37.2	-9.9		
4.350	9.4		2.9	1.4	25.0	-9.7	0.0	0.0	33.3	-13.0		
4.375	7.8		2.4	1.2	24.2	-12.9	0.0	0.0	32.2	-17.2		
4.400	6.2		1.9	0.9	22.2	-12.9	0.0	0.0	29.5	-17.2		
4.450	3.1		0.9	0.5	19.5	-15.1	0.0	0.0	25.9	-20.1		
4.499	0.0		0.0	0.0	17.0	-17.7	0.0	0.0	22.6	-23.6		
4.500	-0.1		0.0	0.0	20.3	-20.3	0.0	0.0	27.1	-27.1		
4.550	-3.3		-1.0	-0.5	16.3	-18.1	0.0	0.0	21.7	-24.1		
4.600	-6.4		-2.0	-1.0	13.6	-20.7	0.0	0.0	18.1	-27.6		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-4 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.625	-8.0	-2.5	-1.2	12.9	-24.2	0.0	0.0	17.2	-32.2		
4.650	-9.6	-3.0	-1.5	11.0	-24.2	0.0	0.0	14.6	-32.2		
4.700	-12.7	-4.0	-1.9	8.5	-27.6	0.0	0.0	11.3	-36.7		
4.750	-16.0	-4.9	-2.4	12.2	-32.5	0.0	0.0	16.2	-43.2		
4.765	-16.9	-5.2	-2.6	10.9	-28.6	0.0	0.0	14.6	-38.0		
4.800	-19.1	-5.9	-2.9	8.9	-29.8	0.0	0.0	11.9	-39.6		
4.850	-22.3	-6.9	-3.4	5.7	-34.9	0.0	0.0	7.6	-46.4		
4.875	-23.9	-7.4	-3.6	4.2	-37.2	0.0	0.0	5.6	-49.5		
4.888	-24.7	-7.6	-3.7	4.2	-37.2	0.0	0.0	5.6	-49.5		
4.900	-25.5	-7.9	-3.9	4.5	-37.2	0.0	0.0	5.9	-49.5		
4.950	-28.9	-8.9	-4.4	3.9	-41.4	0.0	0.0	5.2	-55.1		
5.000	-32.3	-9.9	-4.8	4.0	-46.8	0.0	0.0	5.3	-62.2		
5.000	32.3	9.8	4.8	45.9	-4.0	0.0	0.0	61.0	-5.3		
5.050	28.8	8.9	4.3	42.9	-3.9	0.0	0.0	57.0	-5.2		
5.100	25.4	7.9	3.9	38.9	-4.4	0.0	0.0	51.8	-5.8		
5.113	24.6	7.6	3.7	38.9	-4.1	0.0	0.0	51.8	-5.4		
5.125	23.8	7.4	3.6	38.1	-5.2	0.0	0.0	50.7	-7.0		
5.150	22.2	6.9	3.4	36.0	-5.2	0.0	0.0	47.9	-7.0		
5.200	19.1	5.9	2.9	31.4	-6.5	0.0	0.0	41.7	-8.7		
5.236	16.8	5.2	2.5	28.6	-9.3	0.0	0.0	38.0	-12.4		
5.250	15.9	4.9	2.4	32.5	-12.2	0.0	0.0	43.2	-16.2		
5.300	12.6	3.9	1.9	27.9	-7.4	0.0	0.0	37.2	-9.9		
5.350	9.5	3.0	1.4	25.0	-9.8	0.0	0.0	33.2	-13.0		
5.375	7.9	2.5	1.2	24.2	-12.9	0.0	0.0	32.2	-17.2		
5.400	6.3	2.0	1.0	22.2	-12.9	0.0	0.0	29.5	-17.2		
5.450	3.2	1.0	0.5	19.5	-15.2	0.0	0.0	25.9	-20.3		
5.500	0.0	0.0	0.0	20.3	-20.3	0.0	0.0	27.0	-27.1		
5.550	-3.2	-1.0	-0.5	16.3	-18.1	0.0	0.0	21.7	-24.1		
5.600	-6.3	-2.0	-1.0	13.6	-20.7	0.0	0.0	18.1	-27.6		
5.625	-7.9	-2.4	-1.2	12.9	-24.3	0.0	0.0	17.2	-32.3		
5.650	-9.5	-2.9	-1.4	11.0	-24.3	0.0	0.0	14.6	-32.3		
5.700	-12.6	-3.9	-1.9	8.5	-27.5	0.0	0.0	11.3	-36.6		
5.750	-15.9	-4.9	-2.4	12.2	-32.5	0.0	0.0	16.2	-43.2		
5.764	-16.8	-5.2	-2.5	10.9	-28.6	0.0	0.0	14.6	-38.0		
5.800	-19.1	-5.9	-2.9	8.9	-29.8	0.0	0.0	11.9	-39.6		
5.850	-22.2	-6.9	-3.4	5.7	-34.9	0.0	0.0	7.6	-46.4		
5.875	-23.8	-7.4	-3.6	4.2	-37.2	0.0	0.0	5.6	-49.5		
5.888	-24.6	-7.6	-3.7	4.2	-37.2	0.0	0.0	5.6	-49.5		
5.900	-25.4	-7.9	-3.9	4.5	-37.2	0.0	0.0	5.9	-49.5		
5.950	-28.8	-8.8	-4.3	3.9	-41.4	0.0	0.0	5.2	-55.1		
6.000	-32.2	-9.8	-4.8	4.0	-46.8	0.0	0.0	5.3	-62.2		
6.000	32.3	9.9	4.8	45.9	-3.3	0.0	0.0	61.0	-4.4		
6.050	28.9	8.9	4.4	42.8	-3.3	0.0	0.0	57.0	-4.4		
6.100	25.5	7.9	3.9	38.9	-4.0	0.0	0.0	51.8	-5.4		
6.112	24.6	7.6	3.7	38.9	-3.7	0.0	0.0	51.8	-5.0		
6.125	23.9	7.4	3.6	38.1	-5.2	0.0	0.0	50.6	-6.9		
6.150	22.3	6.9	3.4	36.1	-5.2	0.0	0.0	48.1	-6.9		
6.200	19.1	5.9	2.9	31.4	-6.5	0.0	0.0	41.7	-8.7		
6.235	17.0	5.2	2.6	28.5	-9.3	0.0	0.0	37.9	-12.4		
6.250	16.0	4.9	2.4	32.4	-12.2	0.0	0.0	43.1	-16.2		
6.300	12.7	3.9	1.9	27.9	-7.5	0.0	0.0	37.1	-9.9		
6.350	9.6	3.0	1.5	25.0	-9.8	0.0	0.0	33.2	-13.0		
6.375	8.0	2.5	1.2	24.2	-13.0	0.0	0.0	32.2	-17.2		
6.400	6.4	2.0	1.0	22.2	-13.0	0.0	0.0	29.5	-17.2		
6.450	3.3	1.0	0.5	19.5	-15.3	0.0	0.0	25.9	-20.4		
6.500	0.1	0.0	0.0	20.4	-20.4	0.0	0.0	27.1	-27.1		
6.501	0.0	0.0	0.0	19.2	-17.0	0.0	0.0	25.5	-22.6		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 6 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-4 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.550	-3.1	-1.0	-0.5	16.3	-18.1	0.0	0.0	21.7	-24.1		
6.600	-6.3	-1.9	-1.0	13.6	-20.7	0.0	0.0	18.1	-27.6		
6.625	-7.8	-2.4	-1.2	13.0	-24.2	0.0	0.0	17.2	-32.2		
6.650	-9.4	-2.9	-1.4	11.0	-24.2	0.0	0.0	14.6	-32.2		
6.700	-12.6	-3.9	-1.9	8.5	-27.9	0.0	0.0	11.3	-37.1		
6.750	-15.9	-4.9	-2.4	12.2	-32.4	0.0	0.0	16.3	-43.1		
6.767	-17.0	-5.2	-2.6	7.0	-29.7	0.0	0.0	9.3	-39.5		
6.800	-19.0	-5.9	-2.9	8.0	-29.7	0.0	0.0	10.6	-39.5		
6.850	-22.2	-6.9	-3.4	5.7	-34.8	0.0	0.0	7.6	-46.3		
6.875	-23.7	-7.3	-3.6	4.2	-37.2	0.0	0.0	5.6	-49.4		
6.900	-25.3	-7.8	-3.9	4.5	-37.2	0.0	0.0	6.0	-49.4		
6.950	-28.7	-8.8	-4.3	4.0	-41.4	0.0	0.0	5.3	-55.0		
7.000	-32.1	-9.8	-4.8	4.0	-46.7	0.0	0.0	5.3	-62.1		
7.000	32.7	10.1	4.9	45.7	-1.3	0.0	0.0	60.8	-1.7		
7.050	30.0	9.3	4.5	44.5	-1.5	0.0	0.0	59.2	-2.0		
7.100	27.3	8.5	4.1	41.0	-3.0	0.0	0.0	54.5	-4.1		
7.125	26.0	8.1	3.9	38.2	-3.2	0.0	0.0	50.9	-4.2		
7.150	24.7	7.7	3.7	37.7	-5.0	0.0	0.0	50.2	-6.6		
7.156	24.4	7.6	3.7	37.7	-4.9	0.0	0.0	50.2	-6.5		
7.200	22.2	6.9	3.4	31.8	-6.6	0.0	0.0	42.3	-8.8		
7.250	19.7	6.1	3.0	28.8	-8.6	0.0	0.0	38.3	-11.5		
7.280	18.1	5.6	2.7	28.8	-7.8	0.0	0.0	38.3	-10.4		
7.300	17.1	5.3	2.6	28.2	-11.1	0.0	0.0	37.5	-14.7		
7.312	16.9	5.2	2.5	31.9	-11.3	0.0	0.0	42.4	-15.0		
7.350	15.0	4.6	2.3	26.8	-7.9	0.0	0.0	35.7	-10.5		
7.400	12.5	3.8	1.9	24.2	-9.8	0.0	0.0	32.2	-13.0		
7.450	10.0	3.0	1.5	23.5	-11.8	0.0	0.0	31.3	-15.7		
7.469	9.0	2.7	1.4	23.5	-12.3	0.0	0.0	31.3	-16.4		
7.500	7.5	2.2	1.1	20.0	-13.7	0.0	0.0	26.6	-18.2		
7.550	5.0	1.5	0.7	17.2	-15.5	0.0	0.0	22.9	-20.7		
7.600	2.4	0.7	0.4	16.2	-17.3	0.0	0.0	21.5	-23.0		
7.625	1.2	0.3	0.2	16.2	-18.9	0.0	0.0	21.5	-25.1		
7.643	0.0	-0.1	0.0	14.4	-18.9	0.0	0.0	19.1	-25.1		
7.650	-0.4	-0.2	-0.1	12.6	-20.1	0.0	0.0	16.8	-26.7		
7.664	-1.1	-0.4	-0.1	12.6	-18.4	0.0	0.0	16.8	-24.4		
7.700	-2.9	-0.9	-0.4	13.2	-21.5	0.0	0.0	17.5	-28.6		
7.703	-3.6	-1.1	-0.5	13.4	-22.2	0.0	0.0	17.8	-29.5		
7.750	-6.0	-1.8	-0.9	10.7	-25.0	0.0	0.0	14.2	-33.3		
7.800	-8.5	-2.6	-1.3	6.9	-27.1	0.0	0.0	9.2	-36.1		
7.850	-11.0	-3.4	-1.6	5.4	-29.7	0.0	0.0	7.2	-39.5		
7.852	-11.1	-3.4	-1.6	5.4	-28.9	0.0	0.0	7.2	-38.4		
7.889	-13.0	-3.9	-1.9	5.4	-32.5	0.0	0.0	7.2	-43.3		
7.900	-13.6	-4.1	-2.0	5.0	-33.4	0.0	0.0	6.6	-44.4		
7.905	-13.8	-4.2	-2.1	5.0	-33.3	0.0	0.0	6.6	-44.3		
7.950	-16.1	-4.9	-2.5	3.8	-37.1	0.0	0.0	5.0	-49.3		
7.958	-16.5	-5.0	-2.5	3.7	-36.8	0.0	0.0	5.0	-48.9		
8.000	-18.7	-5.7	-2.9	3.7	-36.8	0.0	0.0	5.0	-48.9		
8.000	-18.7	-5.7	-2.9	3.7	-40.2	0.0	0.0	5.0	-53.5		
8.000	0.2	0.2	0.1	14.5	0.0	0.0	0.0	19.3	0.0		
8.375	0.1	0.1	0.0	8.8	0.0	0.0	0.0	11.7	0.0		
9.000	0.0	0.0	0.0	8.8	0.0	0.0	0.0	11.7	0.0		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-5
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.0	-14.6	0.0	0.0	0.0	-19.4		
0.625	-0.1	-0.1	0.0	0.0	-14.6	0.0	0.0	0.0	-19.4		
1.000	-0.2	-0.2	-0.1	0.0	-15.5	0.0	0.0	0.0	-20.6		
1.000	15.5	4.7	2.4	37.6	-4.4	0.0	0.0	50.0	-5.8		
1.000	15.5	4.7	2.4	35.9	-4.4	0.0	0.0	47.7	-5.8		
1.049	13.2	4.1	2.0	34.9	-4.4	0.0	0.0	46.4	-5.8		
1.050	13.1	4.0	2.0	33.9	-4.4	0.0	0.0	45.1	-5.8		
1.100	10.9	3.3	1.7	30.5	-4.7	0.0	0.0	40.5	-6.2		
1.109	10.5	3.2	1.6	30.5	-5.8	0.0	0.0	40.5	-7.7		
1.127	9.7	3.0	1.5	29.2	-7.1	0.0	0.0	38.8	-9.4		
1.143	9.0	2.8	1.3	25.9	-7.2	0.0	0.0	34.4	-9.6		
1.150	8.7	2.7	1.3	26.1	-7.2	0.0	0.0	34.7	-9.6		
1.200	6.5	2.0	1.0	23.0	-9.5	0.0	0.0	30.5	-12.6		
1.250	4.3	1.3	0.6	20.4	-11.6	0.0	0.0	27.1	-15.4		
1.286	2.7	0.8	0.4	22.4	-14.1	0.0	0.0	29.8	-18.8		
1.300	1.9	0.6	0.3	20.4	-10.5	0.0	0.0	27.1	-13.9		
1.343	0.0	0.0	0.0	17.6	-12.3	0.0	0.0	23.3	-16.4		
1.350	-0.3	-0.1	-0.1	18.1	-12.3	0.0	0.0	24.0	-16.4		
1.400	-2.5	-0.8	-0.4	15.9	-14.4	0.0	0.0	21.1	-19.1		
1.450	-4.7	-1.5	-0.7	14.5	-16.5	0.0	0.0	19.3	-21.9		
1.464	-5.3	-1.7	-0.8	14.5	-18.0	0.0	0.0	19.3	-23.9		
1.500	-6.9	-2.2	-1.1	12.0	-18.8	0.0	0.0	15.9	-25.0		
1.550	-9.1	-2.8	-1.4	10.7	-21.3	0.0	0.0	14.3	-28.4		
1.600	-11.3	-3.5	-1.8	8.5	-24.0	0.0	0.0	11.4	-31.9		
1.643	-13.4	-4.1	-2.0	12.5	-27.4	0.0	0.0	16.7	-36.4		
1.650	-13.8	-4.2	-2.0	11.3	-24.4	0.0	0.0	15.1	-32.5		
1.690	-15.5	-4.8	-2.3	8.6	-26.1	0.0	0.0	11.5	-34.7		
1.700	-16.0	-4.9	-2.4	9.4	-26.1	0.0	0.0	12.5	-34.7		
1.750	-18.2	-5.6	-2.7	8.5	-28.6	0.0	0.0	11.3	-38.1		
1.800	-20.4	-6.3	-3.1	5.9	-31.3	0.0	0.0	7.9	-41.7		
1.821	-21.3	-6.6	-3.2	5.9	-31.1	0.0	0.0	7.9	-41.3		
1.850	-22.6	-7.0	-3.4	4.2	-34.2	0.0	0.0	5.6	-45.5		
1.893	-24.5	-7.6	-3.7	1.6	-37.5	0.0	0.0	2.2	-49.9		
1.900	-24.8	-7.7	-3.7	1.8	-37.5	0.0	0.0	2.4	-49.9		
1.950	-27.1	-8.3	-4.1	1.5	-41.0	0.0	0.0	2.1	-54.6		
2.000	-29.4	-9.0	-4.4	1.4	-43.1	0.0	0.0	1.9	-57.4		
2.000	30.7	9.5	4.7	43.5	-4.0	0.0	0.0	57.9	-5.3		
2.050	27.4	8.5	4.2	40.5	-3.9	0.0	0.0	53.8	-5.2		
2.075	25.7	8.0	3.9	38.8	-4.0	0.0	0.0	51.7	-5.3		
2.100	24.2	7.5	3.7	36.5	-4.8	0.0	0.0	48.5	-6.3		
2.125	22.6	7.0	3.5	35.8	-6.1	0.0	0.0	47.6	-8.1		
2.150	21.0	6.5	3.2	32.9	-6.1	0.0	0.0	43.8	-8.1		
2.200	17.9	5.5	2.7	29.6	-7.7	0.0	0.0	39.3	-10.3		
2.201	17.8	5.5	2.7	29.6	-6.7	0.0	0.0	39.3	-9.0		
2.250	14.7	4.6	2.2	30.7	-13.0	0.0	0.0	40.8	-17.3		
2.300	11.5	3.6	1.8	26.6	-7.9	0.0	0.0	35.4	-10.5		
2.350	8.4	2.6	1.3	23.9	-10.0	0.0	0.0	31.8	-13.3		
2.375	6.8	2.1	1.0	23.2	-12.8	0.0	0.0	30.9	-17.1		
2.400	5.2	1.6	0.8	22.4	-12.8	0.0	0.0	29.8	-17.1		
2.450	2.1	0.6	0.3	18.9	-14.7	0.0	0.0	25.2	-19.6		
2.483	0.0	0.0	0.0	16.6	-17.3	0.0	0.0	22.1	-23.0		
2.500	-1.1	-0.3	-0.2	19.8	-19.8	0.0	0.0	26.3	-26.3		
2.550	-4.2	-1.3	-0.7	16.1	-17.5	0.0	0.0	21.4	-23.3		
2.600	-7.4	-2.3	-1.1	13.5	-20.0	0.0	0.0	18.0	-26.6		
2.625	-9.0	-2.8	-1.4	12.9	-23.2	0.0	0.0	17.2	-30.8		
2.650	-10.5	-3.3	-1.6	11.1	-23.2	0.0	0.0	14.8	-30.8		
2.700	-13.7	-4.3	-2.1	8.9	-26.3	0.0	0.0	11.9	-35.0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.750	-16.9	-5.3	-2.6	12.9	-30.6	0.0	0.0	17.2	-40.8		
2.765	-17.9	-5.5	-2.7	11.8	-27.1	0.0	0.0	15.7	-36.0		
2.800	-20.1	-6.2	-3.1	10.0	-28.2	0.0	0.0	13.3	-37.5		
2.850	-23.2	-7.2	-3.5	6.7	-32.9	0.0	0.0	8.9	-43.7		
2.875	-24.8	-7.7	-3.8	3.7	-35.1	0.0	0.0	4.9	-46.7		
2.888	-25.6	-8.0	-3.9	3.7	-35.1	0.0	0.0	4.9	-46.7		
2.900	-26.5	-8.2	-4.0	4.3	-35.1	0.0	0.0	5.7	-46.7		
2.950	-29.9	-9.2	-4.5	2.6	-39.2	0.0	0.0	3.4	-52.1		
3.000	-33.3	-10.2	-5.0	2.4	-44.4	0.0	0.0	3.2	-59.0		
3.000	32.6	9.9	4.9	43.6	-3.9	0.0	0.0	58.0	-5.2		
3.050	29.2	9.0	4.4	40.6	-3.9	0.0	0.0	54.0	-5.2		
3.100	25.7	8.0	3.9	36.7	-4.7	0.0	0.0	48.8	-6.3		
3.112	24.9	7.7	3.8	36.7	-4.4	0.0	0.0	48.8	-5.8		
3.125	24.1	7.5	3.7	36.0	-6.0	0.0	0.0	47.8	-8.0		
3.150	22.5	7.0	3.4	33.2	-6.0	0.0	0.0	44.2	-8.0		
3.200	19.4	6.0	2.9	29.8	-7.6	0.0	0.0	39.6	-10.1		
3.245	16.5	5.1	2.5	27.2	-10.3	0.0	0.0	36.1	-13.6		
3.250	16.2	5.0	2.5	30.7	-12.9	0.0	0.0	40.9	-17.2		
3.300	12.9	4.0	2.0	26.7	-7.8	0.0	0.0	35.5	-10.4		
3.350	9.8	3.0	1.5	24.0	-10.0	0.0	0.0	31.9	-13.2		
3.375	8.2	2.6	1.3	23.3	-12.9	0.0	0.0	30.9	-17.1		
3.400	6.6	2.1	1.0	21.4	-12.9	0.0	0.0	28.5	-17.1		
3.450	3.5	1.1	0.5	18.9	-15.4	0.0	0.0	25.2	-20.5		
3.500	0.3	0.1	0.1	19.8	-19.8	0.0	0.0	26.3	-26.3		
3.504	0.0	0.0	0.0	18.7	-16.6	0.0	0.0	24.8	-22.1		
3.550	-2.9	-0.9	-0.4	16.1	-17.6	0.0	0.0	21.4	-23.4		
3.600	-6.0	-1.9	-0.9	13.5	-20.0	0.0	0.0	18.0	-26.6		
3.625	-7.6	-2.4	-1.2	12.9	-23.2	0.0	0.0	17.1	-30.9		
3.650	-9.2	-2.8	-1.4	11.1	-23.2	0.0	0.0	14.8	-30.9		
3.700	-12.3	-3.8	-1.9	8.9	-26.3	0.0	0.0	11.9	-35.0		
3.750	-15.6	-4.8	-2.4	12.9	-30.7	0.0	0.0	17.2	-40.9		
3.765	-16.5	-5.1	-2.5	11.8	-27.1	0.0	0.0	15.7	-36.1		
3.800	-18.8	-5.8	-2.8	10.0	-28.3	0.0	0.0	13.3	-37.6		
3.850	-21.9	-6.8	-3.3	6.7	-32.9	0.0	0.0	8.9	-43.8		
3.875	-23.5	-7.3	-3.6	4.5	-35.2	0.0	0.0	5.9	-46.8		
3.888	-24.3	-7.5	-3.7	4.5	-35.2	0.0	0.0	5.9	-46.8		
3.900	-25.1	-7.8	-3.8	4.8	-35.2	0.0	0.0	6.4	-46.8		
3.950	-28.5	-8.8	-4.3	3.8	-39.2	0.0	0.0	5.1	-52.1		
4.000	-32.0	-9.7	-4.8	3.9	-44.4	0.0	0.0	5.2	-59.1		
4.000	32.2	9.8	4.8	43.6	-3.9	0.0	0.0	58.0	-5.2		
4.050	28.8	8.8	4.3	40.6	-3.9	0.0	0.0	54.0	-5.2		
4.100	25.3	7.8	3.8	36.7	-4.7	0.0	0.0	48.8	-6.3		
4.113	24.5	7.6	3.7	36.7	-4.4	0.0	0.0	48.8	-5.8		
4.125	23.7	7.3	3.6	36.0	-6.0	0.0	0.0	47.8	-8.0		
4.150	22.1	6.8	3.4	33.1	-7.7	0.0	0.0	44.0	-10.2		
4.200	19.0	5.9	2.9	29.8	-7.6	0.0	0.0	39.6	-10.1		
4.232	16.9	5.2	2.6	27.1	-10.3	0.0	0.0	36.1	-13.6		
4.250	15.8	4.9	2.4	30.7	-12.9	0.0	0.0	40.9	-17.2		
4.300	12.5	3.9	1.9	26.6	-7.8	0.0	0.0	35.4	-10.4		
4.350	9.4	2.9	1.4	23.9	-10.0	0.0	0.0	31.9	-13.3		
4.375	7.8	2.4	1.2	23.3	-12.9	0.0	0.0	30.9	-17.1		
4.400	6.2	1.9	0.9	21.4	-12.9	0.0	0.0	28.5	-17.1		
4.450	3.1	0.9	0.5	18.9	-14.9	0.0	0.0	25.2	-19.9		
4.499	0.0	0.0	0.0	16.6	-17.3	0.0	0.0	22.1	-23.0		
4.500	-0.1	0.0	0.0	19.8	-19.8	0.0	0.0	26.3	-26.3		
4.550	-3.3	-1.0	-0.5	16.1	-17.6	0.0	0.0	21.4	-23.4		
4.600	-6.4	-2.0	-1.0	13.5	-20.0	0.0	0.0	18.0	-26.7		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-5 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.625	-8.0	-2.5	-1.2	12.9	-23.3	0.0	0.0	17.1	-30.9		
4.650	-9.6	-3.0	-1.5	11.1	-23.3	0.0	0.0	14.7	-30.9		
4.700	-12.7	-4.0	-1.9	8.9	-26.4	0.0	0.0	11.9	-35.1		
4.750	-16.0	-4.9	-2.4	12.9	-30.7	0.0	0.0	17.2	-40.9		
4.765	-16.9	-5.2	-2.6	11.8	-27.1	0.0	0.0	15.7	-36.1		
4.800	-19.1	-5.9	-2.9	10.0	-28.3	0.0	0.0	13.3	-37.6		
4.850	-22.3	-6.9	-3.4	6.7	-32.9	0.0	0.0	8.9	-43.8		
4.875	-23.9	-7.4	-3.6	4.5	-35.2	0.0	0.0	6.0	-46.8		
4.888	-24.7	-7.6	-3.7	4.5	-35.2	0.0	0.0	6.0	-46.8		
4.900	-25.5	-7.9	-3.9	4.8	-35.2	0.0	0.0	6.4	-46.8		
4.950	-28.9	-8.9	-4.4	3.9	-39.2	0.0	0.0	5.1	-52.1		
5.000	-32.3	-9.9	-4.8	3.9	-44.4	0.0	0.0	5.2	-59.1		
5.000	32.3	9.8	4.8	43.6	-3.9	0.0	0.0	58.0	-5.2		
5.050	28.8	8.9	4.3	40.6	-3.9	0.0	0.0	54.0	-5.2		
5.100	25.4	7.9	3.9	36.7	-4.7	0.0	0.0	48.8	-6.3		
5.113	24.6	7.6	3.7	36.7	-4.4	0.0	0.0	48.8	-5.8		
5.125	23.8	7.4	3.6	35.9	-6.0	0.0	0.0	47.8	-8.0		
5.150	22.2	6.9	3.4	34.0	-6.0	0.0	0.0	45.2	-8.0		
5.200	19.1	5.9	2.9	29.8	-7.6	0.0	0.0	39.6	-10.1		
5.236	16.8	5.2	2.5	27.1	-10.3	0.0	0.0	36.1	-13.6		
5.250	15.9	4.9	2.4	30.7	-12.9	0.0	0.0	40.9	-17.2		
5.300	12.6	3.9	1.9	26.6	-7.8	0.0	0.0	35.4	-10.4		
5.350	9.5	3.0	1.4	23.9	-10.0	0.0	0.0	31.8	-13.3		
5.375	7.9	2.5	1.2	23.3	-12.9	0.0	0.0	30.9	-17.1		
5.400	6.3	2.0	1.0	21.4	-12.9	0.0	0.0	28.5	-17.1		
5.450	3.2	1.0	0.5	18.9	-15.1	0.0	0.0	25.2	-20.0		
5.500	0.0	0.0	0.0	19.8	-19.8	0.0	0.0	26.3	-26.3		
5.550	-3.2	-1.0	-0.5	16.1	-17.6	0.0	0.0	21.4	-23.4		
5.600	-6.3	-2.0	-1.0	13.5	-20.0	0.0	0.0	17.9	-26.7		
5.625	-7.9	-2.4	-1.2	12.9	-23.3	0.0	0.0	17.1	-30.9		
5.650	-9.5	-2.9	-1.4	11.1	-23.3	0.0	0.0	14.7	-30.9		
5.700	-12.6	-3.9	-1.9	8.9	-26.3	0.0	0.0	11.9	-34.9		
5.750	-15.9	-4.9	-2.4	12.9	-30.7	0.0	0.0	17.2	-40.9		
5.764	-16.8	-5.2	-2.5	11.8	-27.1	0.0	0.0	15.7	-36.1		
5.800	-19.1	-5.9	-2.9	10.0	-28.3	0.0	0.0	13.3	-37.6		
5.850	-22.2	-6.9	-3.4	6.7	-32.9	0.0	0.0	8.9	-43.8		
5.875	-23.8	-7.4	-3.6	4.5	-35.2	0.0	0.0	6.0	-46.8		
5.888	-24.6	-7.6	-3.7	4.5	-35.2	0.0	0.0	6.0	-46.8		
5.900	-25.4	-7.9	-3.9	4.8	-35.2	0.0	0.0	6.4	-46.8		
5.950	-28.8	-8.8	-4.3	3.9	-39.2	0.0	0.0	5.2	-52.1		
6.000	-32.2	-9.8	-4.8	3.9	-44.4	0.0	0.0	5.2	-59.1		
6.000	32.3	9.9	4.8	43.6	-3.3	0.0	0.0	58.0	-4.4		
6.050	28.9	8.9	4.4	40.6	-3.3	0.0	0.0	53.9	-4.3		
6.100	25.5	7.9	3.9	36.7	-4.4	0.0	0.0	48.8	-5.8		
6.112	24.6	7.6	3.7	36.7	-4.0	0.0	0.0	48.8	-5.4		
6.125	23.9	7.4	3.6	35.9	-6.0	0.0	0.0	47.8	-8.0		
6.150	22.3	6.9	3.4	34.1	-6.0	0.0	0.0	45.4	-8.0		
6.200	19.1	5.9	2.9	29.7	-7.6	0.0	0.0	39.5	-10.1		
6.235	17.0	5.2	2.6	27.1	-10.3	0.0	0.0	36.1	-13.7		
6.250	16.0	4.9	2.4	30.7	-12.9	0.0	0.0	40.8	-17.2		
6.300	12.7	3.9	1.9	26.6	-7.8	0.0	0.0	35.4	-10.4		
6.350	9.6	3.0	1.5	23.9	-10.0	0.0	0.0	31.8	-13.3		
6.375	8.0	2.5	1.2	23.2	-12.9	0.0	0.0	30.9	-17.1		
6.400	6.4	2.0	1.0	21.4	-12.9	0.0	0.0	28.4	-17.1		
6.450	3.3	1.0	0.5	18.9	-15.2	0.0	0.0	25.1	-20.2		
6.500	0.1	0.0	0.0	19.8	-19.8	0.0	0.0	26.3	-26.3		
6.501	0.0	0.0	0.0	18.7	-16.6	0.0	0.0	24.8	-22.1		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 7 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-5 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.550	-3.1	-1.0	-0.5	16.1	-17.6	0.0	0.0	21.4	-23.4		
6.600	-6.3	-1.9	-1.0	13.5	-20.0	0.0	0.0	18.0	-26.6		
6.625	-7.8	-2.4	-1.2	12.9	-23.2	0.0	0.0	17.1	-30.9		
6.650	-9.4	-2.9	-1.4	11.1	-23.2	0.0	0.0	14.8	-30.9		
6.700	-12.6	-3.9	-1.9	8.9	-26.6	0.0	0.0	11.9	-35.4		
6.750	-15.9	-4.9	-2.4	13.0	-30.7	0.0	0.0	17.3	-40.8		
6.767	-17.0	-5.2	-2.6	8.0	-28.2	0.0	0.0	10.6	-37.5		
6.800	-19.0	-5.9	-2.9	9.1	-28.2	0.0	0.0	12.1	-37.5		
6.850	-22.2	-6.9	-3.4	6.7	-32.9	0.0	0.0	8.9	-43.7		
6.875	-23.7	-7.3	-3.6	4.5	-35.1	0.0	0.0	6.0	-46.7		
6.900	-25.3	-7.8	-3.9	4.9	-35.1	0.0	0.0	6.5	-46.7		
6.950	-28.7	-8.8	-4.3	3.9	-39.1	0.0	0.0	5.2	-52.1		
7.000	-32.1	-9.8	-4.8	3.9	-44.4	0.0	0.0	5.2	-59.0		
7.000	32.7	10.1	4.9	43.5	-1.3	0.0	0.0	57.9	-1.7		
7.050	30.0	9.3	4.5	42.3	-1.4	0.0	0.0	56.2	-1.9		
7.100	27.3	8.5	4.1	38.8	-3.6	0.0	0.0	51.7	-4.7		
7.125	26.0	8.1	3.9	36.2	-3.7	0.0	0.0	48.1	-4.9		
7.150	24.7	7.7	3.7	35.7	-5.8	0.0	0.0	47.5	-7.7		
7.156	24.4	7.6	3.7	35.7	-5.7	0.0	0.0	47.5	-7.6		
7.200	22.2	6.9	3.4	30.3	-7.7	0.0	0.0	40.3	-10.3		
7.250	19.7	6.1	3.0	27.6	-9.7	0.0	0.0	36.7	-13.0		
7.280	18.1	5.6	2.7	27.6	-8.8	0.0	0.0	36.7	-11.7		
7.300	17.1	5.3	2.6	27.0	-11.9	0.0	0.0	35.9	-15.8		
7.312	16.9	5.2	2.5	30.4	-12.1	0.0	0.0	40.4	-16.1		
7.350	15.0	4.6	2.3	25.9	-8.5	0.0	0.0	34.5	-11.3		
7.400	12.5	3.8	1.9	23.6	-10.1	0.0	0.0	31.4	-13.5		
7.450	10.0	3.0	1.5	23.0	-11.8	0.0	0.0	30.6	-15.7		
7.469	9.0	2.7	1.4	23.0	-12.3	0.0	0.0	30.6	-16.3		
7.500	7.5	2.2	1.1	19.5	-13.6	0.0	0.0	26.0	-18.1		
7.550	5.0	1.5	0.7	16.9	-15.4	0.0	0.0	22.5	-20.4		
7.600	2.4	0.7	0.4	16.1	-17.0	0.0	0.0	21.4	-22.6		
7.625	1.2	0.3	0.2	16.1	-18.4	0.0	0.0	21.4	-24.5		
7.643	0.0	-0.1	0.0	14.3	-18.4	0.0	0.0	19.0	-24.5		
7.650	-0.4	-0.2	-0.1	13.0	-19.6	0.0	0.0	17.3	-26.0		
7.664	-1.1	-0.4	-0.1	13.0	-18.0	0.0	0.0	17.3	-23.9		
7.700	-2.9	-0.9	-0.4	13.8	-20.9	0.0	0.0	18.3	-27.8		
7.703	-3.6	-1.1	-0.5	14.2	-21.5	0.0	0.0	18.8	-28.6		
7.750	-6.0	-1.8	-0.9	12.0	-24.1	0.0	0.0	16.0	-32.1		
7.800	-8.5	-2.6	-1.3	8.1	-26.1	0.0	0.0	10.8	-34.7		
7.850	-11.0	-3.4	-1.6	6.3	-28.8	0.0	0.0	8.4	-38.3		
7.852	-11.1	-3.4	-1.6	6.3	-28.2	0.0	0.0	8.4	-37.4		
7.889	-13.0	-3.9	-1.9	6.3	-31.3	0.0	0.0	8.4	-41.6		
7.900	-13.6	-4.1	-2.0	5.8	-32.0	0.0	0.0	7.7	-42.5		
7.905	-13.8	-4.2	-2.1	5.8	-31.9	0.0	0.0	7.7	-42.5		
7.950	-16.1	-4.9	-2.5	3.7	-35.4	0.0	0.0	5.0	-47.1		
7.958	-16.5	-5.0	-2.5	3.7	-35.2	0.0	0.0	4.9	-46.8		
8.000	-18.7	-5.7	-2.9	3.7	-35.2	0.0	0.0	4.9	-46.8		
8.000	-18.7	-5.7	-2.9	3.7	-38.4	0.0	0.0	4.9	-51.0		
8.000	0.2	0.2	0.1	14.4	0.0	0.0	0.0	19.1	0.0		
8.375	0.1	0.1	0.0	8.0	0.0	0.0	0.0	10.6	0.0		
9.000	0.0	0.0	0.0	8.0	0.0	0.0	0.0	10.6	0.0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD		DW	TRUCK		LANE		COMBINED		FATIGUE	
	FRAC	A-DC SHEAR (kips)		MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
		B-DC SHEAR (kips)	SHEAR (kips)	(kips)	(kips)	(kips)	(kips)	TRUCK+LANE (kips)	(kips)	TRUCK (kips)	(kips)
0.000	0.0	0.0	0.0	0.0	-14.2	0.0	0.0	0.0	-18.9		
0.625	-0.1	-0.1	0.0	0.0	-14.2	0.0	0.0	0.0	-18.9		
1.000	-0.2	-0.2	-0.1	0.0	-15.0	0.0	0.0	0.0	-20.0		
1.000	15.5	4.7	2.4	42.9	-4.1	0.0	0.0	57.0	-5.5		
1.000	15.5	4.7	2.4	40.9	-4.1	0.0	0.0	54.4	-5.5		
1.049	13.2	4.1	2.0	39.7	-4.1	0.0	0.0	52.9	-5.5		
1.050	13.1	4.0	2.0	38.7	-4.2	0.0	0.0	51.5	-5.5		
1.100	10.9	3.3	1.7	35.0	-4.5	0.0	0.0	46.5	-6.0		
1.109	10.5	3.2	1.6	35.0	-5.6	0.0	0.0	46.5	-7.4		
1.127	9.7	3.0	1.5	33.5	-6.9	0.0	0.0	44.6	-9.2		
1.143	9.0	2.8	1.3	29.5	-7.0	0.0	0.0	39.3	-9.3		
1.150	8.7	2.7	1.3	29.9	-7.0	0.0	0.0	39.8	-9.3		
1.200	6.5	2.0	1.0	26.7	-10.4	0.0	0.0	35.5	-13.9		
1.250	4.3	1.3	0.6	23.9	-13.9	0.0	0.0	31.8	-18.4		
1.286	2.7	0.8	0.4	26.2	-17.1	0.0	0.0	34.9	-22.7		
1.300	1.9	0.6	0.3	24.1	-12.6	0.0	0.0	32.0	-16.8		
1.343	0.0	0.0	0.0	21.0	-15.1	0.0	0.0	27.9	-20.1		
1.350	-0.3	-0.1	-0.1	21.6	-15.1	0.0	0.0	28.7	-20.1		
1.400	-2.5	-0.8	-0.4	19.2	-18.0	0.0	0.0	25.6	-23.9		
1.450	-4.7	-1.5	-0.7	17.8	-20.8	0.0	0.0	23.7	-27.6		
1.464	-5.3	-1.7	-0.8	17.8	-22.5	0.0	0.0	23.7	-29.9		
1.500	-6.9	-2.2	-1.1	14.8	-23.4	0.0	0.0	19.6	-31.2		
1.550	-9.1	-2.8	-1.4	13.3	-26.0	0.0	0.0	17.7	-34.5		
1.600	-11.3	-3.5	-1.8	10.4	-28.4	0.0	0.0	13.8	-37.8		
1.643	-13.4	-4.1	-2.0	15.2	-31.8	0.0	0.0	20.2	-42.2		
1.650	-13.8	-4.2	-2.0	13.5	-28.4	0.0	0.0	18.0	-37.7		
1.690	-15.5	-4.8	-2.3	10.1	-30.0	0.0	0.0	13.4	-39.9		
1.700	-16.0	-4.9	-2.4	11.0	-30.0	0.0	0.0	14.7	-39.9		
1.750	-18.2	-5.6	-2.7	9.9	-32.6	0.0	0.0	13.2	-43.4		
1.800	-20.4	-6.3	-3.1	6.3	-35.4	0.0	0.0	8.4	-47.1		
1.821	-21.3	-6.6	-3.2	6.3	-35.0	0.0	0.0	8.4	-46.6		
1.850	-22.6	-7.0	-3.4	4.1	-38.2	0.0	0.0	5.4	-50.8		
1.893	-24.5	-7.6	-3.7	1.6	-41.3	0.0	0.0	2.1	-55.0		
1.900	-24.8	-7.7	-3.7	1.7	-41.3	0.0	0.0	2.3	-55.0		
1.950	-27.1	-8.3	-4.1	1.5	-44.5	0.0	0.0	2.0	-59.2		
2.000	-29.4	-9.0	-4.4	1.4	-46.8	0.0	0.0	1.8	-62.2		
2.000	30.7	9.5	4.7	46.5	-3.7	0.0	0.0	61.9	-5.0		
2.050	27.4	8.5	4.2	43.7	-3.7	0.0	0.0	58.1	-4.9		
2.075	25.7	8.0	3.9	42.1	-3.8	0.0	0.0	56.0	-5.1		
2.100	24.2	7.5	3.7	40.0	-4.6	0.0	0.0	53.2	-6.1		
2.125	22.6	7.0	3.5	39.2	-6.6	0.0	0.0	52.1	-8.8		
2.150	21.0	6.5	3.2	36.3	-6.6	0.0	0.0	48.3	-8.8		
2.200	17.9	5.5	2.7	32.9	-9.0	0.0	0.0	43.7	-12.0		
2.201	17.8	5.5	2.7	32.9	-7.8	0.0	0.0	43.7	-10.3		
2.250	14.7	4.6	2.2	34.1	-15.9	0.0	0.0	45.4	-21.2		
2.300	11.5	3.6	1.8	30.0	-9.6	0.0	0.0	39.9	-12.8		
2.350	8.4	2.6	1.3	27.2	-12.3	0.0	0.0	36.1	-16.4		
2.375	6.8	2.1	1.0	26.4	-15.8	0.0	0.0	35.2	-21.0		
2.400	5.2	1.6	0.8	25.6	-15.8	0.0	0.0	34.1	-21.0		
2.450	2.1	0.6	0.3	22.0	-17.8	0.0	0.0	29.2	-23.7		
2.483	0.0	0.0	0.0	19.5	-20.5	0.0	0.0	25.9	-27.3		
2.500	-1.1	-0.3	-0.2	23.2	-23.1	0.0	0.0	30.9	-30.8		
2.550	-4.2	-1.3	-0.7	19.3	-20.5	0.0	0.0	25.6	-27.2		
2.600	-7.4	-2.3	-1.1	16.5	-23.0	0.0	0.0	22.0	-30.6		
2.625	-9.0	-2.8	-1.4	15.8	-26.4	0.0	0.0	21.0	-35.1		
2.650	-10.5	-3.3	-1.6	13.7	-26.4	0.0	0.0	18.2	-35.1		
2.700	-13.7	-4.3	-2.1	10.9	-29.7	0.0	0.0	14.5	-39.5		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-6 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.750	-16.9	-5.3	-2.6	15.7	-34.1	0.0	0.0	20.9	-45.4		
2.765	-17.9	-5.5	-2.7	14.1	-30.2	0.0	0.0	18.8	-40.2		
2.800	-20.1	-6.2	-3.1	11.9	-31.4	0.0	0.0	15.8	-41.8		
2.850	-23.2	-7.2	-3.5	7.4	-36.3	0.0	0.0	9.8	-48.3		
2.875	-24.8	-7.7	-3.8	3.6	-38.5	0.0	0.0	4.8	-51.2		
2.888	-25.6	-8.0	-3.9	3.6	-38.5	0.0	0.0	4.8	-51.2		
2.900	-26.5	-8.2	-4.0	4.1	-38.5	0.0	0.0	5.5	-51.2		
2.950	-29.9	-9.2	-4.5	2.6	-42.4	0.0	0.0	3.4	-56.4		
3.000	-33.3	-10.2	-5.0	2.5	-47.3	0.0	0.0	3.3	-62.9		
3.000	32.6	9.9	4.9	46.6	-3.7	0.0	0.0	62.0	-5.0		
3.050	29.2	9.0	4.4	43.8	-3.7	0.0	0.0	58.2	-4.9		
3.100	25.7	8.0	3.9	40.1	-4.5	0.0	0.0	53.4	-6.0		
3.112	24.9	7.7	3.8	40.1	-4.2	0.0	0.0	53.4	-5.6		
3.125	24.1	7.5	3.7	39.4	-6.5	0.0	0.0	52.3	-8.7		
3.150	22.5	7.0	3.4	36.6	-6.5	0.0	0.0	48.7	-8.7		
3.200	19.4	6.0	2.9	33.1	-8.9	0.0	0.0	44.0	-11.9		
3.245	16.5	5.1	2.5	30.3	-12.1	0.0	0.0	40.3	-16.1		
3.250	16.2	5.0	2.5	34.2	-15.7	0.0	0.0	45.5	-20.9		
3.300	12.9	4.0	2.0	30.0	-9.6	0.0	0.0	39.9	-12.7		
3.350	9.8	3.0	1.5	27.2	-12.3	0.0	0.0	36.2	-16.3		
3.375	8.2	2.6	1.3	26.5	-15.8	0.0	0.0	35.2	-21.0		
3.400	6.6	2.1	1.0	24.6	-15.8	0.0	0.0	32.7	-21.0		
3.450	3.5	1.1	0.5	22.0	-18.5	0.0	0.0	29.2	-24.7		
3.500	0.3	0.1	0.1	23.2	-23.1	0.0	0.0	30.8	-30.8		
3.504	0.0	0.0	0.0	22.0	-19.4	0.0	0.0	29.2	-25.9		
3.550	-2.9	-0.9	-0.4	19.2	-20.5	0.0	0.0	25.6	-27.3		
3.600	-6.0	-1.9	-0.9	16.5	-23.1	0.0	0.0	21.9	-30.7		
3.625	-7.6	-2.4	-1.2	15.8	-26.5	0.0	0.0	21.0	-35.2		
3.650	-9.2	-2.8	-1.4	13.6	-26.5	0.0	0.0	18.1	-35.2		
3.700	-12.3	-3.8	-1.9	10.8	-29.7	0.0	0.0	14.4	-39.5		
3.750	-15.6	-4.8	-2.4	15.7	-34.2	0.0	0.0	20.9	-45.5		
3.765	-16.5	-5.1	-2.5	14.1	-30.3	0.0	0.0	18.8	-40.3		
3.800	-18.8	-5.8	-2.8	11.9	-31.5	0.0	0.0	15.8	-41.9		
3.850	-21.9	-6.8	-3.3	7.4	-36.3	0.0	0.0	9.8	-48.3		
3.875	-23.5	-7.3	-3.6	4.3	-38.5	0.0	0.0	5.7	-51.2		
3.888	-24.3	-7.5	-3.7	4.3	-38.5	0.0	0.0	5.7	-51.2		
3.900	-25.1	-7.8	-3.8	4.6	-38.5	0.0	0.0	6.2	-51.2		
3.950	-28.5	-8.8	-4.3	3.6	-42.4	0.0	0.0	4.8	-56.5		
4.000	-32.0	-9.7	-4.8	3.7	-47.3	0.0	0.0	4.9	-62.9		
4.000	32.2	9.8	4.8	46.6	-3.7	0.0	0.0	61.9	-5.0		
4.050	28.8	8.8	4.3	43.8	-3.7	0.0	0.0	58.2	-4.9		
4.100	25.3	7.8	3.8	40.1	-4.5	0.0	0.0	53.3	-6.0		
4.113	24.5	7.6	3.7	40.1	-4.2	0.0	0.0	53.3	-5.6		
4.125	23.7	7.3	3.6	39.3	-6.5	0.0	0.0	52.3	-8.7		
4.150	22.1	6.8	3.4	36.5	-8.8	0.0	0.0	48.6	-11.8		
4.200	19.0	5.9	2.9	33.1	-8.9	0.0	0.0	44.0	-11.9		
4.232	16.9	5.2	2.6	30.3	-12.1	0.0	0.0	40.3	-16.1		
4.250	15.8	4.9	2.4	34.2	-15.7	0.0	0.0	45.5	-20.9		
4.300	12.5	3.9	1.9	30.0	-9.6	0.0	0.0	39.9	-12.7		
4.350	9.4	2.9	1.4	27.2	-12.3	0.0	0.0	36.2	-16.3		
4.375	7.8	2.4	1.2	26.5	-15.8	0.0	0.0	35.2	-21.0		
4.400	6.2	1.9	0.9	24.6	-15.8	0.0	0.0	32.7	-21.0		
4.450	3.1	0.9	0.5	22.0	-18.0	0.0	0.0	29.2	-23.9		
4.499	0.0	0.0	0.0	19.4	-20.5	0.0	0.0	25.9	-27.3		
4.500	-0.1	0.0	0.0	23.2	-23.1	0.0	0.0	30.8	-30.8		
4.550	-3.3	-1.0	-0.5	19.2	-20.5	0.0	0.0	25.6	-27.3		
4.600	-6.4	-2.0	-1.0	16.5	-23.1	0.0	0.0	21.9	-30.7		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.625	-8.0	-2.5	-1.2	15.8	-26.5	0.0	0.0	21.0	-35.2		
4.650	-9.6	-3.0	-1.5	13.6	-26.5	0.0	0.0	18.1	-35.2		
4.700	-12.7	-4.0	-1.9	10.8	-29.7	0.0	0.0	14.4	-39.5		
4.750	-16.0	-4.9	-2.4	15.7	-34.2	0.0	0.0	20.9	-45.5		
4.765	-16.9	-5.2	-2.6	14.1	-30.3	0.0	0.0	18.8	-40.3		
4.800	-19.1	-5.9	-2.9	11.9	-31.5	0.0	0.0	15.8	-41.9		
4.850	-22.3	-6.9	-3.4	7.4	-36.3	0.0	0.0	9.8	-48.3		
4.875	-23.9	-7.4	-3.6	4.3	-38.5	0.0	0.0	5.7	-51.2		
4.888	-24.7	-7.6	-3.7	4.3	-38.5	0.0	0.0	5.7	-51.2		
4.900	-25.5	-7.9	-3.9	4.6	-38.5	0.0	0.0	6.2	-51.2		
4.950	-28.9	-8.9	-4.4	3.7	-42.5	0.0	0.0	4.9	-56.5		
5.000	-32.3	-9.9	-4.8	3.7	-47.3	0.0	0.0	5.0	-62.9		
5.000	32.3	9.8	4.8	46.6	-3.7	0.0	0.0	61.9	-4.9		
5.050	28.8	8.9	4.3	43.8	-3.7	0.0	0.0	58.2	-4.9		
5.100	25.4	7.9	3.9	40.1	-4.5	0.0	0.0	53.3	-6.0		
5.113	24.6	7.6	3.7	40.1	-4.2	0.0	0.0	53.3	-5.6		
5.125	23.8	7.4	3.6	39.3	-6.5	0.0	0.0	52.3	-8.7		
5.150	22.2	6.9	3.4	37.4	-6.5	0.0	0.0	49.8	-8.7		
5.200	19.1	5.9	2.9	33.1	-8.9	0.0	0.0	44.0	-11.9		
5.236	16.8	5.2	2.5	30.3	-12.1	0.0	0.0	40.3	-16.1		
5.250	15.9	4.9	2.4	34.2	-15.7	0.0	0.0	45.5	-20.9		
5.300	12.6	3.9	1.9	30.0	-9.6	0.0	0.0	39.9	-12.7		
5.350	9.5	3.0	1.4	27.2	-12.3	0.0	0.0	36.2	-16.3		
5.375	7.9	2.5	1.2	26.5	-15.8	0.0	0.0	35.2	-21.0		
5.400	6.3	2.0	1.0	24.5	-15.8	0.0	0.0	32.7	-21.0		
5.450	3.2	1.0	0.5	22.0	-18.1	0.0	0.0	29.2	-24.1		
5.500	0.0	0.0	0.0	23.2	-23.1	0.0	0.0	30.8	-30.8		
5.550	-3.2	-1.0	-0.5	19.2	-20.5	0.0	0.0	25.6	-27.3		
5.600	-6.3	-2.0	-1.0	16.5	-23.1	0.0	0.0	21.9	-30.7		
5.625	-7.9	-2.4	-1.2	15.8	-26.5	0.0	0.0	21.0	-35.2		
5.650	-9.5	-2.9	-1.4	13.6	-26.5	0.0	0.0	18.1	-35.2		
5.700	-12.6	-3.9	-1.9	10.8	-29.6	0.0	0.0	14.4	-39.4		
5.750	-15.9	-4.9	-2.4	15.7	-34.2	0.0	0.0	20.9	-45.5		
5.764	-16.8	-5.2	-2.5	14.1	-30.3	0.0	0.0	18.8	-40.3		
5.800	-19.1	-5.9	-2.9	11.9	-31.5	0.0	0.0	15.8	-41.9		
5.850	-22.2	-6.9	-3.4	7.4	-36.3	0.0	0.0	9.8	-48.3		
5.875	-23.8	-7.4	-3.6	4.3	-38.5	0.0	0.0	5.7	-51.2		
5.888	-24.6	-7.6	-3.7	4.3	-38.5	0.0	0.0	5.7	-51.2		
5.900	-25.4	-7.9	-3.9	4.6	-38.5	0.0	0.0	6.2	-51.2		
5.950	-28.8	-8.8	-4.3	3.7	-42.5	0.0	0.0	4.9	-56.5		
6.000	-32.2	-9.8	-4.8	3.7	-47.3	0.0	0.0	5.0	-62.9		
6.000	32.3	9.9	4.8	46.6	-3.2	0.0	0.0	61.9	-4.3		
6.050	28.9	8.9	4.4	43.8	-3.2	0.0	0.0	58.2	-4.2		
6.100	25.5	7.9	3.9	40.1	-4.2	0.0	0.0	53.3	-5.6		
6.112	24.6	7.6	3.7	40.1	-3.9	0.0	0.0	53.3	-5.2		
6.125	23.9	7.4	3.6	39.3	-6.5	0.0	0.0	52.3	-8.7		
6.150	22.3	6.9	3.4	37.5	-6.5	0.0	0.0	49.9	-8.7		
6.200	19.1	5.9	2.9	33.1	-8.9	0.0	0.0	44.0	-11.9		
6.235	17.0	5.2	2.6	30.3	-12.1	0.0	0.0	40.3	-16.1		
6.250	16.0	4.9	2.4	34.2	-15.7	0.0	0.0	45.5	-20.9		
6.300	12.7	3.9	1.9	30.0	-9.6	0.0	0.0	39.9	-12.7		
6.350	9.6	3.0	1.5	27.2	-12.3	0.0	0.0	36.2	-16.3		
6.375	8.0	2.5	1.2	26.5	-15.8	0.0	0.0	35.2	-21.0		
6.400	6.4	2.0	1.0	24.5	-15.8	0.0	0.0	32.6	-21.0		
6.450	3.3	1.0	0.5	22.0	-18.2	0.0	0.0	29.2	-24.2		
6.500	0.1	0.0	0.0	23.2	-23.2	0.0	0.0	30.8	-30.8		
6.501	0.0	0.0	0.0	22.0	-19.4	0.0	0.0	29.2	-25.9		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 8 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-6 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.550	-3.1	-1.0	-0.5	19.3	-20.5	0.0	0.0	25.6	-27.3		
6.600	-6.3	-1.9	-1.0	16.5	-23.1	0.0	0.0	22.0	-30.7		
6.625	-7.8	-2.4	-1.2	15.8	-26.5	0.0	0.0	21.0	-35.2		
6.650	-9.4	-2.9	-1.4	13.6	-26.5	0.0	0.0	18.1	-35.2		
6.700	-12.6	-3.9	-1.9	10.9	-29.9	0.0	0.0	14.4	-39.8		
6.750	-15.9	-4.9	-2.4	15.8	-34.2	0.0	0.0	21.0	-45.4		
6.767	-17.0	-5.2	-2.6	9.4	-31.4	0.0	0.0	12.5	-41.8		
6.800	-19.0	-5.9	-2.9	10.7	-31.4	0.0	0.0	14.3	-41.8		
6.850	-22.2	-6.9	-3.4	7.5	-36.3	0.0	0.0	10.0	-48.2		
6.875	-23.7	-7.3	-3.6	4.3	-38.5	0.0	0.0	5.7	-51.1		
6.900	-25.3	-7.8	-3.9	4.7	-38.5	0.0	0.0	6.2	-51.1		
6.950	-28.7	-8.8	-4.3	3.7	-42.4	0.0	0.0	5.0	-56.4		
7.000	-32.1	-9.8	-4.8	3.7	-47.3	0.0	0.0	5.0	-62.9		
7.000	32.7	10.1	4.9	46.5	-1.2	0.0	0.0	61.9	-1.6		
7.050	30.0	9.3	4.5	45.4	-1.4	0.0	0.0	60.4	-1.8		
7.100	27.3	8.5	4.1	42.2	-3.5	0.0	0.0	56.2	-4.6		
7.125	26.0	8.1	3.9	39.7	-3.6	0.0	0.0	52.8	-4.8		
7.150	24.7	7.7	3.7	39.3	-6.2	0.0	0.0	52.2	-8.2		
7.156	24.4	7.6	3.7	39.3	-6.2	0.0	0.0	52.2	-8.2		
7.200	22.2	6.9	3.4	33.9	-9.0	0.0	0.0	45.0	-11.9		
7.250	19.7	6.1	3.0	31.1	-11.5	0.0	0.0	41.3	-15.3		
7.280	18.1	5.6	2.7	31.1	-10.4	0.0	0.0	41.3	-13.8		
7.300	17.1	5.3	2.6	30.5	-14.3	0.0	0.0	40.5	-19.0		
7.312	16.9	5.2	2.5	34.1	-14.6	0.0	0.0	45.3	-19.4		
7.350	15.0	4.6	2.3	29.7	-10.2	0.0	0.0	39.5	-13.6		
7.400	12.5	3.8	1.9	27.5	-12.4	0.0	0.0	36.5	-16.5		
7.450	10.0	3.0	1.5	27.0	-14.5	0.0	0.0	35.9	-19.3		
7.469	9.0	2.7	1.4	27.0	-15.0	0.0	0.0	35.9	-20.0		
7.500	7.5	2.2	1.1	23.8	-16.5	0.0	0.0	31.6	-22.0		
7.550	5.0	1.5	0.7	21.2	-18.4	0.0	0.0	28.2	-24.4		
7.600	2.4	0.7	0.4	20.4	-20.1	0.0	0.0	27.2	-26.7		
7.625	1.2	0.3	0.2	20.4	-21.6	0.0	0.0	27.2	-28.7		
7.643	0.0	-0.1	0.0	18.1	-21.6	0.0	0.0	24.1	-28.7		
7.650	-0.4	-0.2	-0.1	16.2	-22.8	0.0	0.0	21.6	-30.4		
7.664	-1.1	-0.4	-0.1	16.2	-21.0	0.0	0.0	21.6	-28.0		
7.700	-2.9	-0.9	-0.4	16.9	-24.3	0.0	0.0	22.5	-32.3		
7.703	-3.6	-1.1	-0.5	17.3	-24.8	0.0	0.0	23.0	-33.0		
7.750	-6.0	-1.8	-0.9	14.5	-27.6	0.0	0.0	19.2	-36.7		
7.800	-8.5	-2.6	-1.3	8.9	-29.8	0.0	0.0	11.8	-39.6		
7.850	-11.0	-3.4	-1.6	6.1	-32.5	0.0	0.0	8.1	-43.2		
7.852	-11.1	-3.4	-1.6	6.1	-31.7	0.0	0.0	8.1	-42.2		
7.889	-13.0	-3.9	-1.9	6.1	-35.3	0.0	0.0	8.1	-47.0		
7.900	-13.6	-4.1	-2.0	5.7	-36.1	0.0	0.0	7.5	-48.1		
7.905	-13.8	-4.2	-2.1	5.7	-36.2	0.0	0.0	7.5	-48.1		
7.950	-16.1	-4.9	-2.5	3.5	-39.9	0.0	0.0	4.7	-53.1		
7.958	-16.5	-5.0	-2.5	3.5	-39.7	0.0	0.0	4.7	-52.8		
8.000	-18.7	-5.7	-2.9	3.5	-39.7	0.0	0.0	4.7	-52.8		
8.000	-18.7	-5.7	-2.9	3.5	-43.3	0.0	0.0	4.7	-57.6		
8.000	0.2	0.2	0.1	14.0	0.0	0.0	0.0	18.6	0.0		
8.375	0.1	0.1	0.0	7.8	0.0	0.0	0.0	10.3	0.0		
9.000	0.0	0.0	0.0	7.8	0.0	0.0	0.0	10.3	0.0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.0	-15.3	0.0	0.0	0.0	-20.3		
0.625	-0.1	-0.1	0.0	0.0	-15.3	0.0	0.0	0.0	-20.3		
1.000	-0.2	-0.2	-0.1	0.0	-16.1	0.0	0.0	0.0	-21.5		
1.000	15.5	4.7	2.4	35.2	-3.2	0.0	0.0	46.8	-4.3		
1.000	15.5	4.7	2.4	33.7	-3.2	0.0	0.0	44.8	-4.3		
1.049	13.2	4.1	2.0	32.7	-3.4	0.0	0.0	43.5	-4.5		
1.050	13.1	4.0	2.0	31.9	-3.4	0.0	0.0	42.4	-4.5		
1.100	10.9	3.3	1.7	28.9	-4.2	0.0	0.0	38.4	-5.6		
1.109	10.5	3.2	1.6	28.9	-5.9	0.0	0.0	38.4	-7.9		
1.127	9.7	3.0	1.5	27.7	-7.4	0.0	0.0	36.8	-9.9		
1.143	9.0	2.8	1.3	24.5	-7.5	0.0	0.0	32.6	-10.0		
1.150	8.7	2.7	1.3	24.8	-7.5	0.0	0.0	32.9	-10.0		
1.200	6.5	2.0	1.0	22.2	-9.9	0.0	0.0	29.5	-13.2		
1.250	4.3	1.3	0.6	19.9	-12.1	0.0	0.0	26.5	-16.1		
1.286	2.7	0.8	0.4	21.7	-14.9	0.0	0.0	28.9	-19.8		
1.300	1.9	0.6	0.3	20.0	-11.0	0.0	0.0	26.6	-14.7		
1.343	0.0	0.0	0.0	17.5	-13.1	0.0	0.0	23.3	-17.4		
1.350	-0.3	-0.1	-0.1	18.0	-13.1	0.0	0.0	24.0	-17.4		
1.400	-2.5	-0.8	-0.4	16.1	-15.4	0.0	0.0	21.5	-20.4		
1.450	-4.7	-1.5	-0.7	15.0	-17.5	0.0	0.0	20.0	-23.3		
1.464	-5.3	-1.7	-0.8	15.0	-18.8	0.0	0.0	20.0	-25.0		
1.500	-6.9	-2.2	-1.1	12.6	-19.5	0.0	0.0	16.7	-26.0		
1.550	-9.1	-2.8	-1.4	11.4	-21.5	0.0	0.0	15.1	-28.6		
1.600	-11.3	-3.5	-1.8	9.1	-23.4	0.0	0.0	12.1	-31.2		
1.643	-13.4	-4.1	-2.0	13.3	-26.0	0.0	0.0	17.7	-34.6		
1.650	-13.8	-4.2	-2.0	12.0	-23.3	0.0	0.0	16.0	-31.0		
1.690	-15.5	-4.8	-2.3	9.0	-24.6	0.0	0.0	12.0	-32.7		
1.700	-16.0	-4.9	-2.4	9.8	-24.6	0.0	0.0	13.1	-32.7		
1.750	-18.2	-5.6	-2.7	8.9	-26.7	0.0	0.0	11.8	-35.5		
1.800	-20.4	-6.3	-3.1	6.2	-28.9	0.0	0.0	8.2	-38.4		
1.821	-21.3	-6.6	-3.2	6.2	-28.6	0.0	0.0	8.2	-38.0		
1.850	-22.6	-7.0	-3.4	4.4	-31.1	0.0	0.0	5.9	-41.3		
1.893	-24.5	-7.6	-3.7	1.5	-33.5	0.0	0.0	2.0	-44.5		
1.900	-24.8	-7.7	-3.7	1.7	-33.5	0.0	0.0	2.3	-44.5		
1.950	-27.1	-8.3	-4.1	1.4	-36.0	0.0	0.0	1.9	-47.8		
2.000	-29.4	-9.0	-4.4	1.1	-37.6	0.0	0.0	1.4	-50.0		
2.000	30.7	9.5	4.7	37.4	-2.9	0.0	0.0	49.7	-3.9		
2.050	27.4	8.5	4.2	35.2	-3.0	0.0	0.0	46.9	-3.9		
2.075	25.7	8.0	3.9	34.0	-3.5	0.0	0.0	45.3	-4.6		
2.100	24.2	7.5	3.7	32.4	-4.4	0.0	0.0	43.0	-5.8		
2.125	22.6	7.0	3.5	31.7	-6.4	0.0	0.0	42.2	-8.5		
2.150	21.0	6.5	3.2	29.5	-6.4	0.0	0.0	39.2	-8.5		
2.200	17.9	5.5	2.7	26.7	-8.1	0.0	0.0	35.6	-10.8		
2.201	17.8	5.5	2.7	26.7	-7.0	0.0	0.0	35.6	-9.4		
2.250	14.7	4.6	2.2	27.7	-13.8	0.0	0.0	36.9	-18.4		
2.300	11.5	3.6	1.8	24.4	-8.4	0.0	0.0	32.5	-11.1		
2.350	8.4	2.6	1.3	22.3	-10.5	0.0	0.0	29.6	-14.0		
2.375	6.8	2.1	1.0	21.7	-13.3	0.0	0.0	28.9	-17.7		
2.400	5.2	1.6	0.8	21.1	-13.3	0.0	0.0	28.0	-17.7		
2.450	2.1	0.6	0.3	18.2	-14.9	0.0	0.0	24.1	-19.8		
2.483	0.0	0.0	0.0	16.1	-17.0	0.0	0.0	21.5	-22.7		
2.500	-1.1	-0.3	-0.2	19.4	-19.4	0.0	0.0	25.8	-25.8		
2.550	-4.2	-1.3	-0.7	16.1	-17.0	0.0	0.0	21.4	-22.6		
2.600	-7.4	-2.3	-1.1	13.9	-19.0	0.0	0.0	18.5	-25.3		
2.625	-9.0	-2.8	-1.4	13.3	-21.7	0.0	0.0	17.7	-28.8		
2.650	-10.5	-3.3	-1.6	11.8	-21.7	0.0	0.0	15.7	-28.8		
2.700	-13.7	-4.3	-2.1	9.5	-24.2	0.0	0.0	12.6	-32.2		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-7 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.750	-16.9	-5.3	-2.6	13.7	-27.7	0.0	0.0	18.3	-36.9		
2.765	-17.9	-5.5	-2.7	12.5	-24.7	0.0	0.0	16.6	-32.8		
2.800	-20.1	-6.2	-3.1	10.5	-25.6	0.0	0.0	14.0	-34.1		
2.850	-23.2	-7.2	-3.5	7.0	-29.5	0.0	0.0	9.3	-39.2		
2.875	-24.8	-7.7	-3.8	3.9	-31.2	0.0	0.0	5.1	-41.5		
2.888	-25.6	-8.0	-3.9	3.9	-31.2	0.0	0.0	5.1	-41.5		
2.900	-26.5	-8.2	-4.0	4.5	-31.2	0.0	0.0	5.9	-41.5		
2.950	-29.9	-9.2	-4.5	2.4	-34.2	0.0	0.0	3.1	-45.5		
3.000	-33.3	-10.2	-5.0	1.9	-37.9	0.0	0.0	2.6	-50.5		
3.000	32.6	9.9	4.9	37.4	-2.9	0.0	0.0	49.8	-3.9		
3.050	29.2	9.0	4.4	35.3	-2.9	0.0	0.0	46.9	-3.8		
3.100	25.7	8.0	3.9	32.5	-4.3	0.0	0.0	43.2	-5.7		
3.112	24.9	7.7	3.8	32.5	-3.9	0.0	0.0	43.2	-5.2		
3.125	24.1	7.5	3.7	31.9	-6.3	0.0	0.0	42.4	-8.4		
3.150	22.5	7.0	3.4	29.7	-6.3	0.0	0.0	39.5	-8.4		
3.200	19.4	6.0	2.9	26.9	-8.0	0.0	0.0	35.8	-10.6		
3.245	16.5	5.1	2.5	24.7	-10.8	0.0	0.0	32.9	-14.4		
3.250	16.2	5.0	2.5	27.8	-13.7	0.0	0.0	37.0	-18.2		
3.300	12.9	4.0	2.0	24.5	-8.3	0.0	0.0	32.6	-11.1		
3.350	9.8	3.0	1.5	22.3	-10.5	0.0	0.0	29.7	-14.0		
3.375	8.2	2.6	1.3	21.7	-13.3	0.0	0.0	28.9	-17.6		
3.400	6.6	2.1	1.0	20.2	-13.3	0.0	0.0	26.9	-17.6		
3.450	3.5	1.1	0.5	18.1	-15.5	0.0	0.0	24.1	-20.6		
3.500	0.3	0.1	0.1	19.4	-19.4	0.0	0.0	25.8	-25.7		
3.504	0.0	0.0	0.0	18.2	-16.1	0.0	0.0	24.2	-21.4		
3.550	-2.9	-0.9	-0.4	16.0	-17.0	0.0	0.0	21.3	-22.6		
3.600	-6.0	-1.9	-0.9	13.9	-19.0	0.0	0.0	18.5	-25.3		
3.625	-7.6	-2.4	-1.2	13.3	-21.7	0.0	0.0	17.6	-28.9		
3.650	-9.2	-2.8	-1.4	11.8	-21.7	0.0	0.0	15.6	-28.9		
3.700	-12.3	-3.8	-1.9	9.4	-24.2	0.0	0.0	12.6	-32.2		
3.750	-15.6	-4.8	-2.4	13.7	-27.8	0.0	0.0	18.3	-36.9		
3.765	-16.5	-5.1	-2.5	12.5	-24.7	0.0	0.0	16.6	-32.9		
3.800	-18.8	-5.8	-2.8	10.5	-25.7	0.0	0.0	14.0	-34.1		
3.850	-21.9	-6.8	-3.3	7.0	-29.5	0.0	0.0	9.3	-39.2		
3.875	-23.5	-7.3	-3.6	4.0	-31.2	0.0	0.0	5.3	-41.6		
3.888	-24.3	-7.5	-3.7	4.0	-31.2	0.0	0.0	5.3	-41.6		
3.900	-25.1	-7.8	-3.8	4.5	-31.2	0.0	0.0	5.9	-41.6		
3.950	-28.5	-8.8	-4.3	2.9	-34.2	0.0	0.0	3.8	-45.5		
4.000	-32.0	-9.7	-4.8	2.9	-38.0	0.0	0.0	3.9	-50.5		
4.000	32.2	9.8	4.8	37.4	-2.9	0.0	0.0	49.8	-3.9		
4.050	28.8	8.8	4.3	35.3	-2.9	0.0	0.0	46.9	-3.8		
4.100	25.3	7.8	3.8	32.5	-4.3	0.0	0.0	43.2	-5.7		
4.113	24.5	7.6	3.7	32.5	-3.9	0.0	0.0	43.2	-5.2		
4.125	23.7	7.3	3.6	31.9	-6.3	0.0	0.0	42.4	-8.4		
4.150	22.1	6.8	3.4	29.6	-8.0	0.0	0.0	39.4	-10.7		
4.200	19.0	5.9	2.9	26.9	-8.0	0.0	0.0	35.8	-10.6		
4.232	16.9	5.2	2.6	24.7	-10.8	0.0	0.0	32.9	-14.4		
4.250	15.8	4.9	2.4	27.8	-13.7	0.0	0.0	36.9	-18.3		
4.300	12.5	3.9	1.9	24.5	-8.3	0.0	0.0	32.6	-11.1		
4.350	9.4	2.9	1.4	22.3	-10.5	0.0	0.0	29.7	-14.0		
4.375	7.8	2.4	1.2	21.7	-13.3	0.0	0.0	28.9	-17.6		
4.400	6.2	1.9	0.9	20.2	-13.3	0.0	0.0	26.9	-17.6		
4.450	3.1	0.9	0.5	18.1	-15.0	0.0	0.0	24.1	-20.0		
4.499	0.0	0.0	0.0	16.1	-17.0	0.0	0.0	21.5	-22.6		
4.500	-0.1	0.0	0.0	19.4	-19.4	0.0	0.0	25.7	-25.7		
4.550	-3.3	-1.0	-0.5	16.0	-17.0	0.0	0.0	21.3	-22.6		
4.600	-6.4	-2.0	-1.0	13.9	-19.0	0.0	0.0	18.5	-25.3		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-7 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.625	-8.0	-2.5	-1.2	13.3	-21.7	0.0	0.0	17.6	-28.9		
4.650	-9.6	-3.0	-1.5	11.8	-21.7	0.0	0.0	15.6	-28.9		
4.700	-12.7	-4.0	-1.9	9.4	-24.2	0.0	0.0	12.6	-32.2		
4.750	-16.0	-4.9	-2.4	13.7	-27.8	0.0	0.0	18.3	-36.9		
4.765	-16.9	-5.2	-2.6	12.5	-24.7	0.0	0.0	16.6	-32.9		
4.800	-19.1	-5.9	-2.9	10.5	-25.7	0.0	0.0	14.0	-34.1		
4.850	-22.3	-6.9	-3.4	7.0	-29.5	0.0	0.0	9.3	-39.2		
4.875	-23.9	-7.4	-3.6	4.0	-31.2	0.0	0.0	5.3	-41.6		
4.888	-24.7	-7.6	-3.7	4.0	-31.2	0.0	0.0	5.3	-41.6		
4.900	-25.5	-7.9	-3.9	4.5	-31.2	0.0	0.0	5.9	-41.6		
4.950	-28.9	-8.9	-4.4	2.9	-34.2	0.0	0.0	3.8	-45.5		
5.000	-32.3	-9.9	-4.8	2.9	-38.0	0.0	0.0	3.9	-50.5		
5.000	32.3	9.8	4.8	37.4	-2.9	0.0	0.0	49.8	-3.9		
5.050	28.8	8.9	4.3	35.3	-2.9	0.0	0.0	46.9	-3.8		
5.100	25.4	7.9	3.9	32.5	-4.3	0.0	0.0	43.2	-5.7		
5.113	24.6	7.6	3.7	32.5	-3.9	0.0	0.0	43.2	-5.2		
5.125	23.8	7.4	3.6	31.9	-6.3	0.0	0.0	42.4	-8.4		
5.150	22.2	6.9	3.4	30.4	-6.3	0.0	0.0	40.4	-8.4		
5.200	19.1	5.9	2.9	26.9	-8.0	0.0	0.0	35.8	-10.6		
5.236	16.8	5.2	2.5	24.7	-10.8	0.0	0.0	32.9	-14.4		
5.250	15.9	4.9	2.4	27.8	-13.7	0.0	0.0	36.9	-18.3		
5.300	12.6	3.9	1.9	24.5	-8.3	0.0	0.0	32.6	-11.1		
5.350	9.5	3.0	1.4	22.3	-10.5	0.0	0.0	29.7	-14.0		
5.375	7.9	2.5	1.2	21.7	-13.3	0.0	0.0	28.9	-17.7		
5.400	6.3	2.0	1.0	20.2	-13.3	0.0	0.0	26.9	-17.7		
5.450	3.2	1.0	0.5	18.1	-15.1	0.0	0.0	24.1	-20.1		
5.500	0.0	0.0	0.0	19.4	-19.4	0.0	0.0	25.7	-25.7		
5.550	-3.2	-1.0	-0.5	16.0	-17.0	0.0	0.0	21.3	-22.6		
5.600	-6.3	-2.0	-1.0	13.9	-19.0	0.0	0.0	18.5	-25.3		
5.625	-7.9	-2.4	-1.2	13.3	-21.7	0.0	0.0	17.6	-28.9		
5.650	-9.5	-2.9	-1.4	11.8	-21.7	0.0	0.0	15.6	-28.9		
5.700	-12.6	-3.9	-1.9	9.4	-24.2	0.0	0.0	12.6	-32.2		
5.750	-15.9	-4.9	-2.4	13.7	-27.8	0.0	0.0	18.3	-36.9		
5.764	-16.8	-5.2	-2.5	12.5	-24.7	0.0	0.0	16.6	-32.9		
5.800	-19.1	-5.9	-2.9	10.5	-25.7	0.0	0.0	14.0	-34.1		
5.850	-22.2	-6.9	-3.4	7.0	-29.5	0.0	0.0	9.3	-39.2		
5.875	-23.8	-7.4	-3.6	4.0	-31.2	0.0	0.0	5.3	-41.6		
5.888	-24.6	-7.6	-3.7	4.0	-31.2	0.0	0.0	5.3	-41.6		
5.900	-25.4	-7.9	-3.9	4.5	-31.2	0.0	0.0	5.9	-41.6		
5.950	-28.8	-8.8	-4.3	2.9	-34.2	0.0	0.0	3.8	-45.5		
6.000	-32.2	-9.8	-4.8	2.9	-38.0	0.0	0.0	3.9	-50.5		
6.000	32.3	9.9	4.8	37.4	-2.5	0.0	0.0	49.8	-3.4		
6.050	28.9	8.9	4.4	35.3	-2.7	0.0	0.0	46.9	-3.6		
6.100	25.5	7.9	3.9	32.5	-4.3	0.0	0.0	43.2	-5.7		
6.112	24.6	7.6	3.7	32.5	-3.7	0.0	0.0	43.2	-4.9		
6.125	23.9	7.4	3.6	31.9	-6.3	0.0	0.0	42.4	-8.4		
6.150	22.3	6.9	3.4	30.4	-6.3	0.0	0.0	40.5	-8.4		
6.200	19.1	5.9	2.9	26.9	-8.0	0.0	0.0	35.8	-10.6		
6.235	17.0	5.2	2.6	24.7	-10.8	0.0	0.0	32.9	-14.4		
6.250	16.0	4.9	2.4	27.8	-13.7	0.0	0.0	36.9	-18.3		
6.300	12.7	3.9	1.9	24.5	-8.3	0.0	0.0	32.6	-11.1		
6.350	9.6	3.0	1.5	22.3	-10.5	0.0	0.0	29.7	-14.0		
6.375	8.0	2.5	1.2	21.7	-13.3	0.0	0.0	28.9	-17.7		
6.400	6.4	2.0	1.0	20.2	-13.3	0.0	0.0	26.9	-17.7		
6.450	3.3	1.0	0.5	18.1	-15.2	0.0	0.0	24.1	-20.2		
6.500	0.1	0.0	0.0	19.4	-19.4	0.0	0.0	25.8	-25.7		
6.501	0.0	0.0	0.0	18.2	-16.1	0.0	0.0	24.2	-21.4		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 9 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-7 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR	B-DC SHEAR	DW SHEAR	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.550	-3.1	-1.0	-0.5	16.0	-17.0	0.0	0.0	21.3	-22.6		
6.600	-6.3	-1.9	-1.0	14.0	-19.0	0.0	0.0	18.6	-25.3		
6.625	-7.8	-2.4	-1.2	13.3	-21.7	0.0	0.0	17.7	-28.9		
6.650	-9.4	-2.9	-1.4	11.8	-21.7	0.0	0.0	15.7	-28.9		
6.700	-12.6	-3.9	-1.9	9.5	-24.4	0.0	0.0	12.6	-32.5		
6.750	-15.9	-4.9	-2.4	13.8	-27.7	0.0	0.0	18.3	-36.9		
6.767	-17.0	-5.2	-2.6	8.4	-25.6	0.0	0.0	11.1	-34.0		
6.800	-19.0	-5.9	-2.9	9.5	-25.6	0.0	0.0	12.7	-34.0		
6.850	-22.2	-6.9	-3.4	7.0	-29.4	0.0	0.0	9.3	-39.2		
6.875	-23.7	-7.3	-3.6	4.0	-31.2	0.0	0.0	5.3	-41.5		
6.900	-25.3	-7.8	-3.9	4.6	-31.2	0.0	0.0	6.1	-41.5		
6.950	-28.7	-8.8	-4.3	3.0	-34.2	0.0	0.0	4.0	-45.5		
7.000	-32.1	-9.8	-4.8	2.9	-38.0	0.0	0.0	3.9	-50.5		
7.000	32.7	10.1	4.9	37.4	-0.9	0.0	0.0	49.7	-1.3		
7.050	30.0	9.3	4.5	36.5	-1.3	0.0	0.0	48.6	-1.8		
7.100	27.3	8.5	4.1	34.1	-3.7	0.0	0.0	45.4	-4.9		
7.125	26.0	8.1	3.9	32.2	-3.9	0.0	0.0	42.8	-5.1		
7.150	24.7	7.7	3.7	31.8	-6.1	0.0	0.0	42.3	-8.1		
7.156	24.4	7.6	3.7	31.8	-6.0	0.0	0.0	42.3	-8.0		
7.200	22.2	6.9	3.4	27.6	-8.1	0.0	0.0	36.7	-10.7		
7.250	19.7	6.1	3.0	25.4	-10.2	0.0	0.0	33.7	-13.6		
7.280	18.1	5.6	2.7	25.4	-9.3	0.0	0.0	33.7	-12.3		
7.300	17.1	5.3	2.6	24.9	-12.6	0.0	0.0	33.1	-16.8		
7.312	16.9	5.2	2.5	27.7	-12.8	0.0	0.0	36.9	-17.0		
7.350	15.0	4.6	2.3	24.3	-9.0	0.0	0.0	32.3	-12.0		
7.400	12.5	3.8	1.9	22.5	-10.8	0.0	0.0	30.0	-14.3		
7.450	10.0	3.0	1.5	22.2	-12.5	0.0	0.0	29.5	-16.6		
7.469	9.0	2.7	1.4	22.2	-12.7	0.0	0.0	29.5	-16.9		
7.500	7.5	2.2	1.1	19.7	-14.1	0.0	0.0	26.2	-18.8		
7.550	5.0	1.5	0.7	17.8	-15.5	0.0	0.0	23.6	-20.6		
7.600	2.4	0.7	0.4	17.2	-16.9	0.0	0.0	22.9	-22.4		
7.625	1.2	0.3	0.2	17.2	-17.9	0.0	0.0	22.9	-23.8		
7.643	0.0	-0.1	0.0	15.3	-17.9	0.0	0.0	20.3	-23.8		
7.650	-0.4	-0.2	-0.1	13.9	-18.9	0.0	0.0	18.4	-25.1		
7.664	-1.1	-0.4	-0.1	13.9	-17.5	0.0	0.0	18.4	-23.2		
7.700	-2.9	-0.9	-0.4	14.6	-20.0	0.0	0.0	19.5	-26.6		
7.703	-3.6	-1.1	-0.5	15.0	-20.5	0.0	0.0	20.0	-27.3		
7.750	-6.0	-1.8	-0.9	12.6	-22.7	0.0	0.0	16.8	-30.3		
7.800	-8.5	-2.6	-1.3	8.5	-24.5	0.0	0.0	11.2	-32.6		
7.850	-11.0	-3.4	-1.6	6.6	-26.7	0.0	0.0	8.8	-35.5		
7.852	-11.1	-3.4	-1.6	6.6	-26.1	0.0	0.0	8.8	-34.7		
7.889	-13.0	-3.9	-1.9	6.6	-29.0	0.0	0.0	8.8	-38.6		
7.900	-13.6	-4.1	-2.0	6.1	-29.7	0.0	0.0	8.1	-39.5		
7.905	-13.8	-4.2	-2.1	6.1	-29.7	0.0	0.0	8.1	-39.5		
7.950	-16.1	-4.9	-2.5	2.8	-32.7	0.0	0.0	3.7	-43.5		
7.958	-16.5	-5.0	-2.5	2.8	-32.5	0.0	0.0	3.7	-43.3		
8.000	-18.7	-5.7	-2.9	2.8	-32.5	0.0	0.0	3.7	-43.3		
8.000	-18.7	-5.7	-2.9	2.8	-35.4	0.0	0.0	3.7	-47.1		
8.000	0.2	0.2	0.1	15.0	0.0	0.0	0.0	20.0	0.0		
8.375	0.1	0.1	0.0	8.3	0.0	0.0	0.0	11.1	0.0		
9.000	0.0	0.0	0.0	8.3	0.0	0.0	0.0	11.1	0.0		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
0.000	0.0	0.0	0.0	0.0	-16.0	0.0	0.0	0.0	-21.3		
0.625	-0.1	-0.1	0.0	0.0	-16.1	0.0	0.0	0.0	-21.4		
1.000	-0.2	-0.2	-0.1	0.0	-17.0	0.0	0.0	0.0	-22.6		
1.000	15.5	4.7	2.4	23.1	-2.1	0.0	0.0	30.7	-2.7		
1.000	15.5	4.7	2.4	22.2	-2.1	0.0	0.0	29.5	-2.7		
1.049	13.2	4.1	2.0	21.6	-2.9	0.0	0.0	28.7	-3.8		
1.050	13.1	4.0	2.0	20.9	-2.9	0.0	0.0	27.8	-3.8		
1.100	10.9	3.3	1.7	19.0	-3.9	0.0	0.0	25.2	-5.2		
1.109	10.5	3.2	1.6	19.0	-4.5	0.0	0.0	25.2	-6.0		
1.127	9.7	3.0	1.5	18.2	-5.2	0.0	0.0	24.2	-6.9		
1.143	9.0	2.8	1.3	16.2	-5.2	0.0	0.0	21.5	-7.0		
1.150	8.7	2.7	1.3	16.4	-5.2	0.0	0.0	21.8	-7.0		
1.200	6.5	2.0	1.0	14.7	-6.4	0.0	0.0	19.6	-8.5		
1.250	4.3	1.3	0.6	13.2	-8.5	0.0	0.0	17.5	-11.3		
1.286	2.7	0.8	0.4	14.3	-10.3	0.0	0.0	19.1	-13.7		
1.300	1.9	0.6	0.3	13.2	-7.7	0.0	0.0	17.6	-10.2		
1.343	0.0	0.0	0.0	11.6	-9.0	0.0	0.0	15.5	-11.9		
1.350	-0.3	-0.1	-0.1	12.0	-9.0	0.0	0.0	15.9	-11.9		
1.400	-2.5	-0.8	-0.4	10.8	-10.4	0.0	0.0	14.3	-13.8		
1.450	-4.7	-1.5	-0.7	10.0	-11.7	0.0	0.0	13.4	-15.6		
1.464	-5.3	-1.7	-0.8	10.0	-12.5	0.0	0.0	13.4	-16.6		
1.500	-6.9	-2.2	-1.1	8.5	-13.0	0.0	0.0	11.3	-17.3		
1.550	-9.1	-2.8	-1.4	7.7	-14.2	0.0	0.0	10.3	-18.9		
1.600	-11.3	-3.5	-1.8	6.2	-15.4	0.0	0.0	8.3	-20.5		
1.643	-13.4	-4.1	-2.0	9.1	-17.0	0.0	0.0	12.1	-22.6		
1.650	-13.8	-4.2	-2.0	8.3	-15.3	0.0	0.0	11.0	-20.4		
1.690	-15.5	-4.8	-2.3	6.4	-16.1	0.0	0.0	8.5	-21.5		
1.700	-16.0	-4.9	-2.4	6.9	-16.1	0.0	0.0	9.2	-21.5		
1.750	-18.2	-5.6	-2.7	6.3	-17.5	0.0	0.0	8.3	-23.2		
1.800	-20.4	-6.3	-3.1	4.2	-18.8	0.0	0.0	5.6	-25.0		
1.821	-21.3	-6.6	-3.2	4.2	-18.7	0.0	0.0	5.6	-24.8		
1.850	-22.6	-7.0	-3.4	3.3	-20.2	0.0	0.0	4.4	-26.9		
1.893	-24.5	-7.6	-3.7	1.6	-21.7	0.0	0.0	2.1	-28.9		
1.900	-24.8	-7.7	-3.7	1.8	-21.7	0.0	0.0	2.4	-28.9		
1.950	-27.1	-8.3	-4.1	1.4	-23.3	0.0	0.0	1.9	-30.9		
2.000	-29.4	-9.0	-4.4	0.7	-24.2	0.0	0.0	0.9	-32.2		
2.000	30.7	9.5	4.7	24.1	-1.9	0.0	0.0	32.0	-2.5		
2.050	27.4	8.5	4.2	22.8	-2.3	0.0	0.0	30.3	-3.0		
2.075	25.7	8.0	3.9	22.0	-2.5	0.0	0.0	29.3	-3.4		
2.100	24.2	7.5	3.7	21.0	-3.2	0.0	0.0	27.9	-4.3		
2.125	22.6	7.0	3.5	20.6	-4.3	0.0	0.0	27.4	-5.8		
2.150	21.0	6.5	3.2	19.2	-4.3	0.0	0.0	25.5	-5.8		
2.200	17.9	5.5	2.7	17.4	-5.8	0.0	0.0	23.2	-7.7		
2.201	17.8	5.5	2.7	17.4	-5.0	0.0	0.0	23.2	-6.7		
2.250	14.7	4.6	2.2	18.0	-9.4	0.0	0.0	24.0	-12.5		
2.300	11.5	3.6	1.8	16.0	-5.7	0.0	0.0	21.2	-7.6		
2.350	8.4	2.6	1.3	14.6	-7.1	0.0	0.0	19.4	-9.5		
2.375	6.8	2.1	1.0	14.2	-9.0	0.0	0.0	18.9	-11.9		
2.400	5.2	1.6	0.8	13.8	-9.0	0.0	0.0	18.4	-11.9		
2.450	2.1	0.6	0.3	11.9	-9.9	0.0	0.0	15.9	-13.2		
2.483	0.0	0.0	0.0	10.7	-11.3	0.0	0.0	14.2	-15.0		
2.500	-1.1	-0.3	-0.2	12.9	-12.9	0.0	0.0	17.1	-17.1		
2.550	-4.2	-1.3	-0.7	10.8	-11.2	0.0	0.0	14.3	-14.9		
2.600	-7.4	-2.3	-1.1	9.4	-12.5	0.0	0.0	12.5	-16.6		
2.625	-9.0	-2.8	-1.4	8.9	-14.2	0.0	0.0	11.9	-18.9		
2.650	-10.5	-3.3	-1.6	8.0	-14.2	0.0	0.0	10.7	-18.9		
2.700	-13.7	-4.3	-2.1	6.6	-15.8	0.0	0.0	8.8	-21.1		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *

LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.

LIVE LOAD: MaineDOT Config-8 (Continued)

LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
2.750	-16.9	-5.3	-2.6	9.4	-18.0	0.0	0.0	12.4	-24.0		
2.765	-17.9	-5.5	-2.7	8.6	-16.1	0.0	0.0	11.4	-21.4		
2.800	-20.1	-6.2	-3.1	7.4	-16.7	0.0	0.0	9.8	-22.2		
2.850	-23.2	-7.2	-3.5	4.8	-19.2	0.0	0.0	6.3	-25.5		
2.875	-24.8	-7.7	-3.8	2.9	-20.2	0.0	0.0	3.8	-26.9		
2.888	-25.6	-8.0	-3.9	2.9	-20.2	0.0	0.0	3.8	-26.9		
2.900	-26.5	-8.2	-4.0	3.3	-20.2	0.0	0.0	4.4	-26.9		
2.950	-29.9	-9.2	-4.5	1.9	-22.1	0.0	0.0	2.5	-29.4		
3.000	-33.3	-10.2	-5.0	1.2	-24.4	0.0	0.0	1.6	-32.5		
3.000	32.6	9.9	4.9	24.1	-1.9	0.0	0.0	32.0	-2.5		
3.050	29.2	9.0	4.4	22.8	-2.2	0.0	0.0	30.3	-2.9		
3.100	25.7	8.0	3.9	21.0	-3.2	0.0	0.0	28.0	-4.2		
3.112	24.9	7.7	3.8	21.0	-2.8	0.0	0.0	28.0	-3.7		
3.125	24.1	7.5	3.7	20.6	-4.3	0.0	0.0	27.5	-5.7		
3.150	22.5	7.0	3.4	19.3	-4.3	0.0	0.0	25.7	-5.7		
3.200	19.4	6.0	2.9	17.5	-5.7	0.0	0.0	23.3	-7.6		
3.245	16.5	5.1	2.5	16.1	-7.5	0.0	0.0	21.4	-10.0		
3.250	16.2	5.0	2.5	18.1	-9.3	0.0	0.0	24.0	-12.4		
3.300	12.9	4.0	2.0	16.0	-5.7	0.0	0.0	21.3	-7.6		
3.350	9.8	3.0	1.5	14.6	-7.1	0.0	0.0	19.4	-9.4		
3.375	8.2	2.6	1.3	14.2	-8.9	0.0	0.0	18.9	-11.9		
3.400	6.6	2.1	1.0	13.3	-8.9	0.0	0.0	17.6	-11.9		
3.450	3.5	1.1	0.5	12.0	-10.3	0.0	0.0	15.9	-13.7		
3.500	0.3	0.1	0.1	12.9	-12.9	0.0	0.0	17.1	-17.1		
3.504	0.0	0.0	0.0	12.1	-10.6	0.0	0.0	16.1	-14.1		
3.550	-2.9	-0.9	-0.4	10.8	-11.2	0.0	0.0	14.3	-14.9		
3.600	-6.0	-1.9	-0.9	9.4	-12.5	0.0	0.0	12.5	-16.6		
3.625	-7.6	-2.4	-1.2	8.9	-14.2	0.0	0.0	11.9	-18.9		
3.650	-9.2	-2.8	-1.4	8.0	-14.2	0.0	0.0	10.6	-18.9		
3.700	-12.3	-3.8	-1.9	6.6	-15.8	0.0	0.0	8.7	-21.0		
3.750	-15.6	-4.8	-2.4	9.3	-18.1	0.0	0.0	12.4	-24.0		
3.765	-16.5	-5.1	-2.5	8.6	-16.1	0.0	0.0	11.4	-21.4		
3.800	-18.8	-5.8	-2.8	7.4	-16.7	0.0	0.0	9.8	-22.2		
3.850	-21.9	-6.8	-3.3	4.8	-19.2	0.0	0.0	6.3	-25.5		
3.875	-23.5	-7.3	-3.6	2.9	-20.2	0.0	0.0	3.8	-26.9		
3.888	-24.3	-7.5	-3.7	2.9	-20.2	0.0	0.0	3.8	-26.9		
3.900	-25.1	-7.8	-3.8	3.3	-20.2	0.0	0.0	4.4	-26.9		
3.950	-28.5	-8.8	-4.3	2.2	-22.1	0.0	0.0	2.9	-29.4		
4.000	-32.0	-9.7	-4.8	1.8	-24.4	0.0	0.0	2.4	-32.5		
4.000	32.2	9.8	4.8	24.1	-1.8	0.0	0.0	32.0	-2.5		
4.050	28.8	8.8	4.3	22.8	-2.2	0.0	0.0	30.3	-2.9		
4.100	25.3	7.8	3.8	21.0	-3.2	0.0	0.0	28.0	-4.2		
4.113	24.5	7.6	3.7	21.0	-2.8	0.0	0.0	28.0	-3.7		
4.125	23.7	7.3	3.6	20.6	-4.3	0.0	0.0	27.5	-5.7		
4.150	22.1	6.8	3.4	19.3	-5.5	0.0	0.0	25.6	-7.4		
4.200	19.0	5.9	2.9	17.5	-5.7	0.0	0.0	23.3	-7.6		
4.232	16.9	5.2	2.6	16.1	-7.5	0.0	0.0	21.4	-10.0		
4.250	15.8	4.9	2.4	18.1	-9.3	0.0	0.0	24.0	-12.4		
4.300	12.5	3.9	1.9	16.0	-5.7	0.0	0.0	21.3	-7.6		
4.350	9.4	2.9	1.4	14.6	-7.1	0.0	0.0	19.4	-9.4		
4.375	7.8	2.4	1.2	14.2	-8.9	0.0	0.0	18.9	-11.9		
4.400	6.2	1.9	0.9	13.3	-8.9	0.0	0.0	17.6	-11.9		
4.450	3.1	0.9	0.5	12.0	-10.0	0.0	0.0	15.9	-13.3		
4.499	0.0	0.0	0.0	10.6	-11.2	0.0	0.0	14.2	-15.0		
4.500	-0.1	0.0	0.0	12.9	-12.9	0.0	0.0	17.1	-17.1		
4.550	-3.3	-1.0	-0.5	10.8	-11.2	0.0	0.0	14.3	-14.9		
4.600	-6.4	-2.0	-1.0	9.4	-12.5	0.0	0.0	12.5	-16.6		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-8 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC FRAC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC SHEAR (kips)	B-DC SHEAR (kips)	DW SHEAR (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)	MAX (kips)	MIN (kips)
4.625	-8.0	-2.5	-1.2	8.9	-14.2	0.0	0.0	11.9	-18.9		
4.650	-9.6	-3.0	-1.5	8.0	-14.2	0.0	0.0	10.6	-18.9		
4.700	-12.7	-4.0	-1.9	6.6	-15.8	0.0	0.0	8.7	-21.1		
4.750	-16.0	-4.9	-2.4	9.3	-18.1	0.0	0.0	12.4	-24.0		
4.765	-16.9	-5.2	-2.6	8.6	-16.1	0.0	0.0	11.4	-21.4		
4.800	-19.1	-5.9	-2.9	7.4	-16.7	0.0	0.0	9.8	-22.2		
4.850	-22.3	-6.9	-3.4	4.8	-19.2	0.0	0.0	6.3	-25.5		
4.875	-23.9	-7.4	-3.6	2.9	-20.2	0.0	0.0	3.8	-26.9		
4.888	-24.7	-7.6	-3.7	2.9	-20.2	0.0	0.0	3.8	-26.9		
4.900	-25.5	-7.9	-3.9	3.3	-20.2	0.0	0.0	4.4	-26.9		
4.950	-28.9	-8.9	-4.4	2.2	-22.1	0.0	0.0	2.9	-29.4		
5.000	-32.3	-9.9	-4.8	1.8	-24.4	0.0	0.0	2.5	-32.5		
5.000	32.3	9.8	4.8	24.1	-1.8	0.0	0.0	32.0	-2.5		
5.050	28.8	8.9	4.3	22.8	-2.2	0.0	0.0	30.3	-2.9		
5.100	25.4	7.9	3.9	21.0	-3.2	0.0	0.0	28.0	-4.2		
5.113	24.6	7.6	3.7	21.0	-2.8	0.0	0.0	28.0	-3.7		
5.125	23.8	7.4	3.6	20.6	-4.3	0.0	0.0	27.5	-5.7		
5.150	22.2	6.9	3.4	19.7	-4.3	0.0	0.0	26.2	-5.7		
5.200	19.1	5.9	2.9	17.5	-5.7	0.0	0.0	23.3	-7.6		
5.236	16.8	5.2	2.5	16.1	-7.5	0.0	0.0	21.4	-10.0		
5.250	15.9	4.9	2.4	18.1	-9.3	0.0	0.0	24.0	-12.4		
5.300	12.6	3.9	1.9	16.0	-5.7	0.0	0.0	21.3	-7.6		
5.350	9.5	3.0	1.4	14.6	-7.1	0.0	0.0	19.4	-9.4		
5.375	7.9	2.5	1.2	14.2	-8.9	0.0	0.0	18.9	-11.9		
5.400	6.3	2.0	1.0	13.3	-8.9	0.0	0.0	17.6	-11.9		
5.450	3.2	1.0	0.5	12.0	-10.1	0.0	0.0	15.9	-13.4		
5.500	0.0	0.0	0.0	12.9	-12.9	0.0	0.0	17.1	-17.1		
5.550	-3.2	-1.0	-0.5	10.8	-11.2	0.0	0.0	14.3	-14.9		
5.600	-6.3	-2.0	-1.0	9.4	-12.5	0.0	0.0	12.5	-16.6		
5.625	-7.9	-2.4	-1.2	8.9	-14.2	0.0	0.0	11.9	-18.9		
5.650	-9.5	-2.9	-1.4	8.0	-14.2	0.0	0.0	10.6	-18.9		
5.700	-12.6	-3.9	-1.9	6.6	-15.8	0.0	0.0	8.7	-21.0		
5.750	-15.9	-4.9	-2.4	9.3	-18.1	0.0	0.0	12.4	-24.0		
5.764	-16.8	-5.2	-2.5	8.6	-16.1	0.0	0.0	11.4	-21.4		
5.800	-19.1	-5.9	-2.9	7.4	-16.7	0.0	0.0	9.8	-22.2		
5.850	-22.2	-6.9	-3.4	4.8	-19.2	0.0	0.0	6.3	-25.5		
5.875	-23.8	-7.4	-3.6	2.9	-20.2	0.0	0.0	3.8	-26.9		
5.888	-24.6	-7.6	-3.7	2.9	-20.2	0.0	0.0	3.8	-26.9		
5.900	-25.4	-7.9	-3.9	3.3	-20.2	0.0	0.0	4.4	-26.9		
5.950	-28.8	-8.8	-4.3	2.2	-22.1	0.0	0.0	2.9	-29.4		
6.000	-32.2	-9.8	-4.8	1.8	-24.4	0.0	0.0	2.5	-32.5		
6.000	32.3	9.9	4.8	24.1	-1.6	0.0	0.0	32.0	-2.1		
6.050	28.9	8.9	4.4	22.8	-2.1	0.0	0.0	30.3	-2.8		
6.100	25.5	7.9	3.9	21.0	-3.2	0.0	0.0	27.9	-4.2		
6.112	24.6	7.6	3.7	21.0	-2.8	0.0	0.0	27.9	-3.7		
6.125	23.9	7.4	3.6	20.6	-4.3	0.0	0.0	27.4	-5.7		
6.150	22.3	6.9	3.4	19.8	-4.3	0.0	0.0	26.3	-5.7		
6.200	19.1	5.9	2.9	17.5	-5.7	0.0	0.0	23.3	-7.6		
6.235	17.0	5.2	2.6	16.1	-7.5	0.0	0.0	21.4	-10.0		
6.250	16.0	4.9	2.4	18.0	-9.3	0.0	0.0	24.0	-12.4		
6.300	12.7	3.9	1.9	16.0	-5.7	0.0	0.0	21.3	-7.6		
6.350	9.6	3.0	1.5	14.6	-7.1	0.0	0.0	19.4	-9.4		
6.375	8.0	2.5	1.2	14.2	-8.9	0.0	0.0	18.9	-11.9		
6.400	6.4	2.0	1.0	13.3	-8.9	0.0	0.0	17.6	-11.9		
6.450	3.3	1.0	0.5	12.0	-10.1	0.0	0.0	15.9	-13.5		
6.500	0.1	0.0	0.0	12.9	-12.9	0.0	0.0	17.1	-17.1		
6.501	0.0	0.0	0.0	12.1	-10.6	0.0	0.0	16.1	-14.1		

----- UNFACTORED SHEAR SUMMARY -----

GIRDER: 3 * * * UNFACTORED SHEAR SUMMARY (Continued) * * *
 LL TEMPLATE NUMBER: 10 Note: Impact NOT Included, except for COMBINED.
 LIVE LOAD: MaineDOT Config-8 (Continued)
 LANE POSITION: MULTIPLE LANE WITH IMPACT

SPAN.LOC	DEAD LOAD			TRUCK		LANE		COMBINED TRUCK+LANE		FATIGUE TRUCK	
	A-DC	B-DC	DW	MAX	MIN	MAX	MIN	MAX	MIN	MAX	MIN
	SHEAR	SHEAR	SHEAR								
FRAC	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)	(kips)
6.550	-3.1	-1.0	-0.5	10.8	-11.2	0.0	0.0	14.3	-14.9		
6.600	-6.3	-1.9	-1.0	9.4	-12.5	0.0	0.0	12.5	-16.6		
6.625	-7.8	-2.4	-1.2	8.9	-14.2	0.0	0.0	11.9	-18.9		
6.650	-9.4	-2.9	-1.4	8.0	-14.2	0.0	0.0	10.7	-18.9		
6.700	-12.6	-3.9	-1.9	6.6	-15.9	0.0	0.0	8.8	-21.2		
6.750	-15.9	-4.9	-2.4	9.4	-18.0	0.0	0.0	12.5	-24.0		
6.767	-17.0	-5.2	-2.6	6.0	-16.7	0.0	0.0	8.0	-22.2		
6.800	-19.0	-5.9	-2.9	6.7	-16.7	0.0	0.0	9.0	-22.2		
6.850	-22.2	-6.9	-3.4	4.8	-19.1	0.0	0.0	6.4	-25.5		
6.875	-23.7	-7.3	-3.6	2.9	-20.2	0.0	0.0	3.8	-26.9		
6.900	-25.3	-7.8	-3.9	3.3	-20.2	0.0	0.0	4.4	-26.9		
6.950	-28.7	-8.8	-4.3	2.3	-22.1	0.0	0.0	3.0	-29.4		
7.000	-32.1	-9.8	-4.8	1.8	-24.4	0.0	0.0	2.5	-32.5		
7.000	32.7	10.1	4.9	24.1	-0.6	0.0	0.0	32.0	-0.8		
7.050	30.0	9.3	4.5	23.6	-1.4	0.0	0.0	31.4	-1.8		
7.100	27.3	8.5	4.1	22.0	-2.9	0.0	0.0	29.3	-3.9		
7.125	26.0	8.1	3.9	20.8	-3.0	0.0	0.0	27.7	-4.0		
7.150	24.7	7.7	3.7	20.6	-4.1	0.0	0.0	27.4	-5.5		
7.156	24.4	7.6	3.7	20.6	-4.1	0.0	0.0	27.4	-5.4		
7.200	22.2	6.9	3.4	18.0	-5.6	0.0	0.0	23.9	-7.5		
7.250	19.7	6.1	3.0	16.5	-7.2	0.0	0.0	22.0	-9.6		
7.280	18.1	5.6	2.7	16.5	-6.5	0.0	0.0	22.0	-8.7		
7.300	17.1	5.3	2.6	16.2	-8.6	0.0	0.0	21.6	-11.5		
7.312	16.9	5.2	2.5	18.0	-8.7	0.0	0.0	24.0	-11.6		
7.350	15.0	4.6	2.3	15.9	-6.2	0.0	0.0	21.1	-8.3		
7.400	12.5	3.8	1.9	14.8	-7.4	0.0	0.0	19.6	-9.8		
7.450	10.0	3.0	1.5	14.6	-8.5	0.0	0.0	19.4	-11.3		
7.469	9.0	2.7	1.4	14.6	-8.5	0.0	0.0	19.4	-11.3		
7.500	7.5	2.2	1.1	13.0	-9.5	0.0	0.0	17.3	-12.7		
7.550	5.0	1.5	0.7	11.8	-10.4	0.0	0.0	15.7	-13.9		
7.600	2.4	0.7	0.4	11.5	-11.3	0.0	0.0	15.3	-15.0		
7.625	1.2	0.3	0.2	11.5	-11.8	0.0	0.0	15.3	-15.7		
7.643	0.0	-0.1	0.0	10.2	-11.8	0.0	0.0	13.6	-15.7		
7.650	-0.4	-0.2	-0.1	9.4	-12.5	0.0	0.0	12.5	-16.6		
7.664	-1.1	-0.4	-0.1	9.4	-11.5	0.0	0.0	12.5	-15.4		
7.700	-2.9	-0.9	-0.4	10.0	-13.2	0.0	0.0	13.3	-17.6		
7.703	-3.6	-1.1	-0.5	10.3	-13.5	0.0	0.0	13.6	-18.0		
7.750	-6.0	-1.8	-0.9	8.8	-14.9	0.0	0.0	11.7	-19.9		
7.800	-8.5	-2.6	-1.3	5.5	-16.1	0.0	0.0	7.3	-21.4		
7.850	-11.0	-3.4	-1.6	4.7	-17.5	0.0	0.0	6.2	-23.3		
7.852	-11.1	-3.4	-1.6	4.7	-17.1	0.0	0.0	6.2	-22.8		
7.889	-13.0	-3.9	-1.9	4.7	-19.0	0.0	0.0	6.2	-25.3		
7.900	-13.6	-4.1	-2.0	4.6	-19.4	0.0	0.0	6.1	-25.9		
7.905	-13.8	-4.2	-2.1	4.6	-19.5	0.0	0.0	6.1	-25.9		
7.950	-16.1	-4.9	-2.5	1.7	-21.4	0.0	0.0	2.3	-28.5		
7.958	-16.5	-5.0	-2.5	1.7	-21.3	0.0	0.0	2.3	-28.3		
8.000	-18.7	-5.7	-2.9	1.7	-21.3	0.0	0.0	2.3	-28.3		
8.000	-18.7	-5.7	-2.9	1.7	-23.2	0.0	0.0	2.3	-30.8		
8.000	0.2	0.2	0.1	14.5	0.0	0.0	0.0	19.3	0.0		
8.375	0.1	0.1	0.0	8.8	0.0	0.0	0.0	11.7	0.0		
9.000	0.0	0.0	0.0	8.8	0.0	0.0	0.0	11.7	0.0		

----- LOAD COMBINATION TABLES -----

COMBINATION TABLE: 1 LRFR2009 1-MaineDOT

LOAD COMBINATION				LOAD FACTORS				-6A.4.2.1-3-	-IMPACT	FACT-	-ENVELOPE-
#	NAME	CATEGORY	RATING	A-DL	B-DL	DW-DL	LL	FACTOR	TRK	LN	TYPE
1	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	MOM-MAX
2	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	MOM-MIN
3	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	SHR-MAX
4	STRENGTH INVENTORY	STRENGTH-I	STR-INV	1.250	1.250	1.500	1.750	1.000	1.330	1.000	SHR-MIN
5	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	MOM-MAX
6	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	MOM-MIN
7	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	SHR-MAX
8	STRENGTH OPERATING	STRENGTH-I	STR-OPR	1.250	1.250	1.500	1.350	1.000	1.330	1.000	SHR-MIN

COMBINATION TABLE: 2 LRFR FATIGUE only

LOAD COMBINATION				LOAD FACTORS				-6A.4.2.1-3-	-IMPACT	FACT-	-ENVELOPE-
#	NAME	CATEGORY	RATING	A-DL	B-DL	DW-DL	LL	FACTOR	TRK	LN	TYPE
1	FATIGUE-INFINITE	FATIGUE-I LL	FAT-INF	1.000	1.000	1.000	1.500	1.000	1.150	0.000	MOM-MAX
2	FATIGUE-INFINITE	FATIGUE-I LL	FAT-INF	1.000	1.000	1.000	1.500	1.000	1.150	0.000	MOM-MIN

COMBINATION TABLE: 3 Maine Legal Runs

LOAD COMBINATION				LOAD FACTORS				-6A.4.2.1-3-	-IMPACT	FACT-	-ENVELOPE-
#	NAME	CATEGORY	RATING	A-DL	B-DL	DW-DL	LL	FACTOR	TRK	LN	TYPE
1	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	MOM-MAX
2	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	MOM-MIN
3	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	SHR-MAX
4	Maine Config-1	STRENGTH-I	STR-LGL	1.250	1.250	1.500	1.300	1.000	1.330	0.000	SHR-MIN

----- LOAD TEMPLATES -----

LL TEMPLATE NUMBER: 1
 LL PATTERN: 1 HL-93-ED
 COMBINATION TABLE: 1 LRFR2009 1-MaineDOT
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 2
 LL PATTERN: 1 HL-93-ED
 COMBINATION TABLE: 2 LRFR FATIGUE only
 LANE POSITIONS: MLW: No CLW: No CLO: No OLW: Yes OLO: No

LL TEMPLATE NUMBER: 3
 LL PATTERN: 1 MaineDOT Config-1
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 4
 LL PATTERN: 1 MaineDOT Config-2
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 5
 LL PATTERN: 1 MaineDOT Config-3
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 6
 LL PATTERN: 1 MaineDOT Config-4
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

----- LOAD TEMPLATES -----

LL TEMPLATE NUMBER: 7
 LL PATTERN: 1 MaineDOT_Config-5
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 8
 LL PATTERN: 1 MaineDOT_Config-6
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 9
 LL PATTERN: 1 MaineDOT_Config-7
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

LL TEMPLATE NUMBER: 10
 LL PATTERN: 1 MaineDOT_Config-8
 COMBINATION TABLE: 3 Maine Legal Runs
 LANE POSITIONS: MLW: Yes CLW: No CLO: No OLW: No OLO: No

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY
 MULTI LANE WITH IMPACT
 LL CASE: 1 NAME: HL-93-ED

SPAN.LOC	FRAC	COMB NO	MAX MOMENT		COR V (kips)	COMB NO	MIN MOMENT		COR V (kips)	COMB NO	MAX SHEAR		COR M (ft-k)	COMB NO	MIN SHEAR		COR M (ft-k)
			M (ft-k)	COR ML (ft-k)			M (ft-k)	COR ML (ft-k)			V (kips)	COR M (ft-k)			V (kips)	COR M (ft-k)	
0.000	1	1	1	0	0	2	-1	0	0	3	0	0	4	4	-50	0	0
0.625	1	1	1	0	0	2	-21	0	-50	3	0	0	4	4	-50	-21	0
1.000	1	1	1	0	0	2	-34	0	-51	3	0	0	4	4	-54	-16	0
1.000	1	1	1	0	50	2	-34	0	72	3	130	-2	4	4	13	0	0
1.000	1	1	2	0	48	2	-33	0	70	3	126	-1	4	4	13	0	0
1.049	1	1	329	0	118	2	29	0	14	3	118	327	4	4	8	114	114
1.050	1	1	327	0	86	2	31	0	14	3	116	323	4	4	8	114	114
1.100	1	1	588	0	102	2	54	0	6	3	103	582	4	4	3	183	183
1.109	1	1	639	0	101	2	56	0	5	3	102	630	4	4	-2	324	324
1.127	1	1	719	0	96	2	61	0	4	3	96	708	4	4	-7	379	379
1.143	1	1	754	0	59	2	63	0	3	3	86	723	4	4	-9	381	381
1.150	1	1	766	0	85	2	65	0	2	3	86	752	4	4	-7	377	377
1.200	1	1	913	0	57	2	66	0	-2	3	74	884	4	4	-17	488	488
1.250	1	1	1032	0	34	2	56	0	-5	3	63	975	4	4	-27	566	566
1.286	1	1	1120	0	9	2	43	0	-9	3	65	1058	4	4	-29	844	844
1.300	1	1	1124	0	8	2	36	0	-10	3	58	1008	4	4	-29	830	830
1.343	1	1	1170	0	-3	2	8	0	-13	3	47	988	4	4	-38	905	905
1.350	1	1	1155	0	15	2	4	0	-14	3	48	1000	4	4	-37	894	894
1.400	1	1	1181	0	-15	2	-39	0	-17	3	39	996	4	4	-47	907	907
1.450	1	1	1172	0	12	2	-93	0	-22	3	32	998	4	4	-56	896	896
1.464	1	1	1181	0	-10	2	-110	0	-23	3	30	1004	4	4	-62	935	935
1.500	1	1	1114	0	-46	2	-158	0	-26	3	22	901	4	4	-66	857	857
1.550	1	1	1034	0	-37	2	-235	0	-30	3	15	850	4	4	-76	773	773
1.600	1	1	911	0	-70	2	-324	0	-34	3	6	720	4	4	-88	669	669
1.643	1	1	814	0	-30	2	-409	0	-40	3	10	441	4	4	-95	600	600
1.650	1	1	783	0	-83	2	-425	0	-41	3	10	413	4	4	-94	571	571
1.690	1	1	655	0	-69	2	-522	0	-48	3	0	333	4	4	-103	429	429
1.700	1	1	618	0	-69	2	-549	0	-49	3	1	331	4	4	-103	375	375
1.750	1	1	460	0	-57	2	-693	0	-54	3	-5	247	4	4	-115	175	175
1.800	1	1	256	0	-73	2	-855	0	-61	3	-16	67	4	4	-126	-62	-62
1.821	1	1	180	0	-67	2	-930	0	-64	3	-17	48	4	4	-128	-215	-215
1.850	1	1	48	0	-78	2	-1038	0	-69	3	-24	-89	4	4	-138	-341	-341
1.893	1	1	-134	0	-67	2	-1232	0	-97	3	-34	-261	4	4	-151	-592	-592
1.900	1	1	-159	0	-67	2	-1270	0	-98	3	-34	-276	4	4	-152	-648	-648
1.950	1	1	-303	0	-43	2	-1557	0	-114	3	-39	-352	4	4	-164	-993	-993
2.000	1	1	-424	0	-44	2	-1888	0	-130	3	-44	-438	4	4	-175	-1407	-1407

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
2.000	1	-424	0	39	2	-1885	0	124	3	180	-1497	4	39	-437
2.050	1	-274	0	37	2	-1429	0	108	3	166	-926	4	34	-295
2.075	1	-165	0	77	2	-1218	0	102	3	158	-657	4	30	-204
2.100	1	-21	0	75	2	-1023	0	95	3	149	-441	4	26	-118
2.125	1	136	0	68	2	-843	0	86	3	144	-182	4	17	42
2.150	1	262	0	67	2	-678	0	81	3	133	-25	4	17	84
2.200	1	512	0	58	2	-383	0	65	3	118	319	4	7	244
2.201	1	516	0	62	2	-367	0	48	3	118	327	4	7	245
2.250	1	759	0	53	2	-198	0	34	3	113	622	4	2	647
2.300	1	968	0	56	2	-81	0	25	3	96	817	4	-5	709
2.350	1	1157	0	64	2	7	0	19	3	83	994	4	-15	836
2.375	1	1262	0	14	2	43	0	17	3	77	1106	4	-27	1010
2.400	1	1314	0	52	2	73	0	14	3	72	1156	4	-27	965
2.450	1	1354	0	34	2	107	0	1	3	57	1168	4	-37	987
2.483	1	1360	0	11	2	89	0	-9	3	47	1128	4	-49	1094
2.500	1	1396	0	0	2	75	0	-11	3	53	1156	4	-49	1172
2.550	1	1352	0	5	2	20	0	-17	3	38	1090	4	-56	1035
2.600	1	1280	0	-10	2	-61	0	-24	3	27	814	4	-68	960
2.625	1	1242	0	-16	2	-110	0	-26	3	21	1009	4	-82	1006
2.650	1	1147	0	-24	2	-165	0	-29	3	16	722	4	-83	857
2.700	1	947	0	-45	2	-293	0	-36	3	5	586	4	-98	689
2.750	1	725	0	-48	2	-450	0	-47	3	6	404	4	-110	498
2.765	1	649	0	-47	2	-508	0	-54	3	5	407	4	-112	368
2.800	1	479	0	-56	2	-668	0	-61	3	-3	287	4	-118	100
2.850	1	208	0	-70	2	-983	0	-91	3	-17	52	4	-137	-213
2.875	1	62	0	-76	2	-1173	0	-100	3	-28	-121	4	-148	-402
2.888	1	-15	0	-76	2	-1275	0	-103	3	-29	-150	4	-149	-551
2.900	1	-87	0	-75	2	-1378	0	-105	3	-29	-180	4	-150	-693
2.950	1	-355	0	-46	2	-1830	0	-122	3	-40	-428	4	-168	-1184
3.000	1	-547	0	-49	2	-2343	0	-137	3	-47	-614	4	-188	-1725
3.000	1	-547	0	42	2	-2343	0	135	3	185	-1751	4	42	-563
3.050	1	-387	0	40	2	-1833	0	122	3	171	-1154	4	36	-410
3.100	1	-109	0	75	2	-1382	0	104	3	154	-655	4	28	-217
3.112	1	-31	0	91	2	-1280	0	101	3	153	-501	4	27	-189
3.125	1	47	0	70	2	-1182	0	97	3	149	-386	4	19	-42
3.150	1	176	0	69	2	-993	0	92	3	139	-220	4	19	-2
3.200	1	431	0	60	2	-677	0	60	3	123	139	4	9	163
3.245	1	639	0	90	2	-479	0	50	3	110	445	4	-5	306
3.250	1	673	0	55	2	-460	0	40	3	117	461	4	4	575
3.300	1	893	0	58	2	-318	0	32	3	100	673	4	-3	644
3.350	1	1091	0	66	2	-203	0	26	3	87	866	4	-13	780
3.375	1	1199	0	16	2	-154	0	23	3	81	986	4	-25	957
3.400	1	1229	0	52	2	-111	0	20	3	74	997	4	-25	919
3.450	1	1307	0	36	2	-44	0	13	3	61	1071	4	-37	979
3.500	1	1354	0	2	2	-7	0	0	3	56	1121	4	-47	1093
3.504	1	1348	0	-20	2	-7	0	0	3	53	1086	4	-48	1080
3.550	1	1319	0	7	2	-43	0	-14	3	42	1029	4	-54	1002
3.600	1	1254	0	-8	2	-109	0	-20	3	30	767	4	-66	936
3.625	1	1220	0	-14	2	-151	0	-23	3	25	968	4	-80	985
3.650	1	1128	0	-23	2	-199	0	-26	3	20	689	4	-81	840
3.700	1	943	0	-38	2	-311	0	-32	3	8	567	4	-96	676
3.750	1	719	0	-46	2	-453	0	-44	3	10	399	4	-108	496
3.765	1	649	0	-44	2	-506	0	-51	3	9	406	4	-110	371
3.800	1	486	0	-52	2	-661	0	-59	3	1	295	4	-116	105
3.850	1	230	0	-66	2	-970	0	-90	3	-14	73	4	-136	-200
3.875	1	91	0	-73	2	-1156	0	-98	3	-24	-105	4	-146	-385
3.888	1	17	0	-73	2	-1256	0	-101	3	-25	-130	4	-147	-532
3.900	1	-51	0	-72	2	-1357	0	-103	3	-26	-157	4	-148	-672
3.950	1	-306	0	-43	2	-1801	0	-120	3	-35	-358	4	-166	-1155
4.000	1	-476	0	-43	2	-2306	0	-135	3	-40	-500	4	-186	-1688

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
4.000	1	-476	0	43	2	-2305	0	135	3	184	-1712	4	41	-499		
4.050	1	-306	0	43	2	-1799	0	121	3	170	-1117	4	35	-350		
4.100	1	-54	0	74	2	-1350	0	103	3	154	-620	4	27	-161		
4.113	1	24	0	90	2	-1248	0	100	3	152	-467	4	26	-134		
4.125	1	101	0	69	2	-1151	0	96	3	148	-353	4	18	12		
4.150	1	238	0	48	2	-963	0	92	3	137	-195	4	14	120		
4.200	1	479	0	59	2	-651	0	59	3	122	167	4	8	211		
4.232	1	625	0	55	2	-507	0	49	3	111	360	4	-5	355		
4.250	1	722	0	54	2	-442	0	40	3	116	487	4	3	619		
4.300	1	937	0	57	2	-301	0	31	3	100	697	4	-4	684		
4.350	1	1130	0	65	2	-187	0	25	3	86	887	4	-14	816		
4.375	1	1235	0	15	2	-139	0	23	3	81	1006	4	-26	992		
4.400	1	1263	0	50	2	-97	0	20	3	73	1014	4	-26	951		
4.450	1	1336	0	35	2	-31	0	13	3	60	1087	4	-37	983		
4.499	1	1377	0	21	2	5	0	0	3	48	1123	4	-50	1018		
4.500	1	1379	0	0	2	5	0	0	3	56	1092	4	-48	1159		
4.550	1	1338	0	5	2	-32	0	-14	3	41	1037	4	-55	1025		
4.600	1	1269	0	-9	2	-100	0	-20	3	30	772	4	-67	954		
4.625	1	1232	0	-16	2	-143	0	-23	3	24	973	4	-81	1001		
4.650	1	1138	0	-24	2	-191	0	-26	3	19	692	4	-82	854		
4.700	1	940	0	-45	2	-306	0	-32	3	8	568	4	-97	687		
4.750	1	719	0	-47	2	-449	0	-44	3	9	397	4	-109	501		
4.765	1	646	0	-45	2	-504	0	-52	3	8	404	4	-111	372		
4.800	1	483	0	-53	2	-661	0	-60	3	0	291	4	-117	106		
4.850	1	224	0	-67	2	-974	0	-91	3	-14	68	4	-137	-202		
4.875	1	84	0	-74	2	-1162	0	-100	3	-24	-112	4	-147	-389		
4.888	1	10	0	-73	2	-1263	0	-102	3	-26	-137	4	-148	-537		
4.900	1	-59	0	-73	2	-1365	0	-104	3	-26	-165	4	-149	-678		
4.950	1	-316	0	-43	2	-1813	0	-121	3	-35	-367	4	-167	-1168		
5.000	1	-488	0	-43	2	-2323	0	-136	3	-41	-511	4	-187	-1705		
5.000	1	-488	0	43	2	-2322	0	135	3	184	-1729	4	41	-512		
5.050	1	-316	0	44	2	-1815	0	121	3	170	-1134	4	36	-362		
5.100	1	-63	0	74	2	-1366	0	103	3	154	-639	4	27	-171		
5.113	1	15	0	90	2	-1264	0	100	3	152	-486	4	26	-144		
5.125	1	92	0	69	2	-1166	0	97	3	148	-371	4	19	3		
5.150	1	223	0	84	2	-978	0	92	3	140	-177	4	18	41		
5.200	1	472	0	59	2	-667	0	59	3	122	152	4	9	204		
5.236	1	634	0	52	2	-506	0	52	3	111	379	4	-5	347		
5.250	1	714	0	54	2	-455	0	41	3	117	472	4	3	613		
5.300	1	929	0	57	2	-312	0	32	3	100	682	4	-3	680		
5.350	1	1121	0	65	2	-196	0	26	3	86	873	4	-14	813		
5.375	1	1227	0	15	2	-147	0	23	3	81	992	4	-25	989		
5.400	1	1254	0	50	2	-105	0	20	3	73	1000	4	-26	949		
5.450	1	1327	0	35	2	-37	0	13	3	60	1073	4	-37	988		
5.500	1	1369	0	0	2	1	0	0	3	56	1119	4	-48	1118		
5.550	1	1328	0	5	2	-34	0	-14	3	41	1025	4	-55	1026		
5.600	1	1258	0	-9	2	-99	0	-20	3	30	760	4	-67	955		
5.625	1	1221	0	-16	2	-141	0	-23	3	24	961	4	-81	1003		
5.650	1	1127	0	-24	2	-189	0	-26	3	19	680	4	-82	857		
5.700	1	936	0	-39	2	-301	0	-32	3	8	557	4	-97	688		
5.750	1	708	0	-47	2	-442	0	-44	3	9	386	4	-109	506		
5.764	1	639	0	-45	2	-494	0	-51	3	8	393	4	-111	386		
5.800	1	472	0	-53	2	-653	0	-59	3	0	280	4	-117	113		
5.850	1	214	0	-67	2	-966	0	-91	3	-14	57	4	-136	-194		
5.875	1	73	0	-73	2	-1153	0	-99	3	-24	-122	4	-147	-380		
5.888	1	0	0	-73	2	-1254	0	-102	3	-26	-147	4	-148	-527		
5.900	1	-69	0	-73	2	-1356	0	-104	3	-26	-175	4	-149	-669		
5.950	1	-340	0	-41	2	-1803	0	-121	3	-35	-377	4	-166	-1157		
6.000	1	-505	0	-41	2	-2311	0	-136	3	-41	-521	4	-187	-1693		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
6.000	1	-505	0	47	2	-2310	0	134	3	184	-1716	4	43	-541		
6.050	1	-322	0	44	2	-1805	0	121	3	169	-1125	4	37	-382		
6.100	1	-66	0	75	2	-1358	0	103	3	153	-630	4	29	-180		
6.112	1	12	0	91	2	-1257	0	100	3	152	-477	4	28	-152		
6.125	1	91	0	70	2	-1159	0	96	3	147	-363	4	19	1		
6.150	1	225	0	91	2	-972	0	91	3	140	-167	4	19	41		
6.200	1	475	0	60	2	-663	0	59	3	122	156	4	10	207		
6.235	1	633	0	52	2	-509	0	52	3	110	369	4	-4	353		
6.250	1	719	0	53	2	-452	0	42	3	116	474	4	4	618		
6.300	1	931	0	56	2	-305	0	33	3	99	682	4	-3	688		
6.350	1	1121	0	64	2	-186	0	27	3	86	870	4	-13	824		
6.375	1	1225	0	15	2	-135	0	24	3	80	988	4	-24	1002		
6.400	1	1251	0	50	2	-91	0	21	3	72	996	4	-25	964		
6.450	1	1322	0	34	2	-20	0	14	3	60	1066	4	-36	1010		
6.500	1	1361	0	0	2	26	0	9	3	55	1111	4	-47	1138		
6.501	1	1360	0	-22	2	27	0	9	3	53	1061	4	-47	1139		
6.550	1	1319	0	5	2	17	0	-11	3	41	1013	4	-54	1050		
6.600	1	1246	0	-10	2	-41	0	-18	3	30	747	4	-66	983		
6.625	1	1209	0	-16	2	-80	0	-21	3	24	947	4	-80	1032		
6.650	1	1113	0	-24	2	-124	0	-24	3	19	665	4	-81	887		
6.700	1	913	0	-49	2	-231	0	-30	3	7	539	4	-97	735		
6.750	1	689	0	-47	2	-365	0	-42	3	9	366	4	-108	545		
6.767	1	598	0	-97	2	-427	0	-47	3	-2	236	4	-113	449		
6.800	1	446	0	-55	2	-569	0	-58	3	-2	222	4	-116	157		
6.850	1	189	0	-67	2	-879	0	-87	3	-14	32	4	-135	-150		
6.875	1	46	0	-74	2	-1062	0	-93	3	-25	-148	4	-146	-336		
6.900	1	-98	0	-73	2	-1256	0	-99	3	-26	-196	4	-148	-622		
6.950	1	-372	0	-39	2	-1690	0	-115	3	-35	-402	4	-165	-1108		
7.000	1	-533	0	-41	2	-2180	0	-129	3	-41	-549	4	-186	-1638		
7.000	1	-533	0	50	2	-2183	0	137	3	183	-1646	4	50	-549		
7.050	1	-376	0	48	2	-1773	0	120	3	174	-1123	4	44	-481		
7.100	1	-188	0	69	2	-1409	0	109	3	160	-713	4	35	-259		
7.125	1	-66	0	82	2	-1241	0	100	3	151	-547	4	31	-175		
7.150	1	63	0	75	2	-1085	0	93	3	147	-344	4	25	-37		
7.156	1	101	0	74	2	-1048	0	92	3	146	-287	4	23	2		
7.200	1	309	0	66	2	-827	0	64	3	128	-97	4	16	153		
7.250	1	527	0	58	2	-634	0	56	3	116	181	4	6	316		
7.280	1	638	0	77	2	-529	0	52	3	113	401	4	4	326		
7.300	1	733	0	52	2	-469	0	46	3	109	483	4	-3	433		
7.312	1	791	0	53	2	-433	0	42	3	116	553	4	7	504		
7.350	1	945	0	44	2	-338	0	38	3	100	607	4	2	783		
7.400	1	1125	0	33	2	-224	0	33	3	89	778	4	-6	925		
7.450	1	1265	0	22	2	-125	0	29	3	83	969	4	-15	1051		
7.469	1	1316	0	28	2	-91	0	27	3	81	1062	4	-19	1104		
7.500	1	1367	0	2	2	-40	0	24	3	69	1009	4	-23	1154		
7.550	1	1433	0	-8	2	29	0	19	3	58	1045	4	-31	1227		
7.600	1	1463	0	-20	2	83	0	14	3	52	1112	4	-38	1275		
7.625	1	1472	0	1	2	104	0	12	3	46	1142	4	-48	1310		
7.643	1	1462	0	8	2	117	0	11	3	42	1117	4	-50	1307		
7.650	1	1443	0	-42	2	122	0	10	3	38	973	4	-49	1349		
7.664	1	1410	0	-35	2	130	0	9	3	37	1007	4	-51	1304		
7.700	1	1412	0	-2	2	146	0	5	3	36	884	4	-58	1326		
7.703	1	1412	0	-7	2	147	0	5	3	32	768	4	-65	1349		
7.750	1	1306	0	-69	2	155	0	1	3	27	750	4	-73	1260		
7.800	1	1166	0	-83	2	151	0	-3	3	12	549	4	-84	1145		
7.850	1	976	0	-95	2	134	0	-8	3	2	426	4	-96	964		
7.852	1	966	0	-96	2	133	0	-8	3	2	426	4	-96	954		
7.889	1	790	0	-108	2	111	0	-11	3	-3	405	4	-108	779		
7.900	1	730	0	-110	2	103	0	-12	3	-3	368	4	-110	721		
7.905	1	704	0	-111	2	99	0	-12	3	-5	361	4	-112	696		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I INVENTORY (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	MAX MOMENT				MIN MOMENT				MAX SHEAR			MIN SHEAR		
	COMB NO	M (ft-k)	COR ML (ft-k)	COR V (kips)	COMB NO	M (ft-k)	COR ML (ft-k)	COR V (kips)	COMB NO	V (kips)	COR M (ft-k)	COMB NO	V (kips)	COR M (ft-k)
7.950	1	405	0	-126	2	57	0	-20	3	-16	58	4	-126	405
7.958	1	344	0	-126	2	47	0	-21	3	-17	50	4	-126	344
8.000	1	3	0	-53	2	-22	0	-78	3	-20	0	4	-131	-4
8.000	1	2	0	-51	2	-22	0	-79	3	-20	0	4	-138	-5
8.000	1	0	0	1	2	-18	0	39	3	45	0	4	1	0
8.375	1	0	0	0	2	-11	0	27	3	27	-11	4	0	0
9.000	1	0	0	0	2	0	0	0	3	27	0	4	0	

STRENGTH-I OPERATING

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
0.000	5	1	0	0	6	-1	0	0	7	0	0	8	-38	0		
0.625	5	0	0	0	6	-16	0	-39	7	0	0	8	-39	-16		
1.000	5	0	0	0	6	-26	0	-39	7	0	0	8	-41	-12		
1.000	5	1	0	44	6	-26	0	62	7	107	-1	8	16	0		
1.000	5	1	0	43	6	-26	0	61	7	104	0	8	16	0		
1.049	5	270	0	97	6	37	0	16	7	97	269	8	11	102		
1.050	5	269	0	72	6	39	0	16	7	95	266	8	11	103		
1.100	5	485	0	84	6	69	0	9	7	84	480	8	6	168		
1.109	5	527	0	82	6	73	0	8	7	83	520	8	3	280		
1.127	5	593	0	78	6	80	0	6	7	79	584	8	-2	326		
1.143	5	623	0	49	6	85	0	5	7	70	600	8	-3	330		
1.150	5	634	0	70	6	88	0	5	7	70	623	8	-2	328		
1.200	5	756	0	46	6	96	0	1	7	60	734	8	-11	422		
1.250	5	855	0	28	6	95	0	-3	7	51	810	8	-19	488		
1.286	5	926	0	8	6	87	0	-6	7	51	878	8	-21	705		
1.300	5	929	0	7	6	82	0	-7	7	46	840	8	-22	695		
1.343	5	966	0	-3	6	62	0	-10	7	37	818	8	-29	761		
1.350	5	954	0	11	6	58	0	-11	7	37	827	8	-29	753		
1.400	5	973	0	-13	6	24	0	-14	7	29	823	8	-37	761		
1.450	5	961	0	7	6	-21	0	-19	7	23	820	8	-46	749		
1.464	5	967	0	-10	6	-36	0	-20	7	21	823	8	-50	777		
1.500	5	909	0	-38	6	-78	0	-23	7	15	739	8	-54	711		
1.550	5	839	0	-33	6	-146	0	-26	7	8	691	8	-63	637		
1.600	5	731	0	-59	6	-225	0	-30	7	0	580	8	-72	544		
1.643	5	644	0	-29	6	-302	0	-36	7	3	354	8	-79	478		
1.650	5	618	0	-70	6	-316	0	-37	7	3	331	8	-79	454		
1.690	5	505	0	-59	6	-403	0	-43	7	-6	257	8	-86	331		
1.700	5	473	0	-59	6	-428	0	-45	7	-5	252	8	-86	285		
1.750	5	333	0	-51	6	-559	0	-50	7	-10	169	8	-96	111		
1.800	5	156	0	-64	6	-707	0	-56	7	-20	10	8	-106	-95		
1.821	5	88	0	-59	6	-775	0	-59	7	-21	-14	8	-108	-224		
1.850	5	-27	0	-68	6	-874	0	-63	7	-27	-132	8	-116	-336		
1.893	5	-189	0	-61	6	-1047	0	-85	7	-35	-286	8	-127	-554		
1.900	5	-212	0	-61	6	-1081	0	-86	7	-35	-301	8	-127	-601		
1.950	5	-350	0	-43	6	-1333	0	-100	7	-40	-388	8	-138	-898		
2.000	5	-473	0	-45	6	-1622	0	-113	7	-45	-483	8	-148	-1251		
2.000	5	-473	0	42	6	-1620	0	109	7	152	-1321	8	41	-483		
2.050	5	-314	0	39	6	-1218	0	95	7	140	-831	8	36	-329		
2.075	5	-210	0	69	6	-1033	0	90	7	133	-600	8	32	-239		
2.100	5	-79	0	67	6	-861	0	84	7	126	-412	8	29	-155		
2.125	5	59	0	61	6	-702	0	76	7	121	-192	8	22	-13		
2.150	5	173	0	60	6	-556	0	72	7	112	-53	8	21	36		
2.200	5	395	0	51	6	-296	0	58	7	99	246	8	12	188		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
2.201	5	398	0	55	6	-283	0	44	7	99	253	8	12	189		
2.250	5	613	0	47	6	-129	0	32	7	93	507	8	7	523		
2.300	5	797	0	48	6	-19	0	24	7	79	680	8	1	591		
2.350	5	960	0	53	6	64	0	18	7	67	833	8	-8	703		
2.375	5	1046	0	14	6	97	0	15	7	63	926	8	-18	843		
2.400	5	1092	0	42	6	125	0	12	7	58	970	8	-19	813		
2.450	5	1129	0	27	6	157	0	1	7	45	986	8	-28	836		
2.483	5	1135	0	9	6	144	0	-7	7	36	946	8	-38	930		
2.500	5	1162	0	-1	6	133	0	-9	7	40	967	8	-38	990		
2.550	5	1124	0	2	6	86	0	-14	7	28	912	8	-45	880		
2.600	5	1059	0	-11	6	15	0	-21	7	18	690	8	-56	811		
2.625	5	1022	0	-16	6	-29	0	-24	7	13	834	8	-67	840		
2.650	5	941	0	-23	6	-79	0	-27	7	8	606	8	-69	717		
2.700	5	766	0	-41	6	-195	0	-33	7	-1	483	8	-82	567		
2.750	5	568	0	-44	6	-339	0	-43	7	-1	320	8	-92	393		
2.765	5	501	0	-43	6	-392	0	-49	7	-3	314	8	-94	283		
2.800	5	349	0	-50	6	-538	0	-56	7	-10	202	8	-100	54		
2.850	5	108	0	-62	6	-818	0	-80	7	-22	-12	8	-116	-224		
2.875	5	-23	0	-68	6	-985	0	-88	7	-31	-164	8	-125	-390		
2.888	5	-91	0	-68	6	-1075	0	-90	7	-32	-195	8	-126	-516		
2.900	5	-156	0	-68	6	-1165	0	-93	7	-32	-228	8	-127	-637		
2.950	5	-406	0	-47	6	-1562	0	-107	7	-42	-462	8	-142	-1063		
3.000	5	-601	0	-51	6	-2011	0	-120	7	-48	-652	8	-159	-1535		
3.000	5	-601	0	44	6	-2011	0	118	7	157	-1555	8	44	-613		
3.050	5	-432	0	41	6	-1566	0	106	7	144	-1042	8	39	-449		
3.100	5	-176	0	67	6	-1171	0	91	7	130	-610	8	31	-259		
3.112	5	-106	0	79	6	-1081	0	88	7	128	-480	8	30	-228		
3.125	5	-37	0	63	6	-995	0	85	7	125	-381	8	24	-105		
3.150	5	80	0	62	6	-829	0	81	7	116	-233	8	23	-57		
3.200	5	309	0	53	6	-550	0	54	7	103	80	8	15	102		
3.245	5	493	0	76	6	-369	0	45	7	92	343	8	2	236		
3.250	5	522	0	50	6	-353	0	37	7	97	358	8	9	446		
3.300	5	716	0	50	6	-221	0	29	7	83	547	8	3	521		
3.350	5	888	0	55	6	-115	0	24	7	71	715	8	-6	643		
3.375	5	979	0	16	6	-71	0	21	7	66	815	8	-16	786		
3.400	5	1009	0	43	6	-32	0	18	7	60	830	8	-17	762		
3.450	5	1078	0	29	6	27	0	12	7	48	895	8	-27	817		
3.500	5	1117	0	1	6	59	0	0	7	44	937	8	-36	907		
3.504	5	1112	0	-15	6	59	0	0	7	41	910	8	-37	897		
3.550	5	1088	0	4	6	29	0	-12	7	31	856	8	-43	843		
3.600	5	1030	0	-9	6	-29	0	-18	7	21	647	8	-54	785		
3.625	5	998	0	-14	6	-66	0	-20	7	16	797	8	-65	817		
3.650	5	921	0	-21	6	-109	0	-23	7	12	575	8	-67	698		
3.700	5	759	0	-34	6	-212	0	-29	7	2	465	8	-79	553		
3.750	5	563	0	-42	6	-342	0	-40	7	2	315	8	-90	390		
3.765	5	501	0	-40	6	-391	0	-47	7	1	313	8	-92	286		
3.800	5	357	0	-47	6	-532	0	-53	7	-6	209	8	-98	60		
3.850	5	128	0	-59	6	-804	0	-79	7	-19	7	8	-114	-210		
3.875	5	4	0	-65	6	-967	0	-86	7	-27	-147	8	-122	-372		
3.888	5	-62	0	-65	6	-1054	0	-88	7	-29	-175	8	-124	-495		
3.900	5	-123	0	-65	6	-1142	0	-90	7	-29	-205	8	-125	-614		
3.950	5	-360	0	-44	6	-1531	0	-105	7	-37	-400	8	-140	-1032		
4.000	5	-536	0	-45	6	-1972	0	-118	7	-43	-555	8	-157	-1495		
4.000	5	-536	0	45	6	-1971	0	117	7	156	-1513	8	43	-554		
4.050	5	-360	0	44	6	-1529	0	105	7	143	-1003	8	38	-394		
4.100	5	-125	0	66	6	-1137	0	90	7	129	-574	8	30	-208		
4.113	5	-56	0	78	6	-1048	0	88	7	128	-445	8	29	-178		
4.125	5	13	0	62	6	-962	0	85	7	124	-347	8	23	-56		
4.150	5	135	0	46	6	-798	0	80	7	115	-205	8	19	45		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
4.200	5	352	0	52	6	-522	0	54	7	102	109	8	14	146		
4.232	5	482	0	49	6	-391	0	44	7	93	278	8	3	274		
4.250	5	567	0	49	6	-332	0	37	7	97	386	8	8	486		
4.300	5	757	0	49	6	-202	0	29	7	82	571	8	2	558		
4.350	5	924	0	54	6	-98	0	23	7	70	737	8	-7	676		
4.375	5	1013	0	15	6	-54	0	21	7	66	836	8	-17	818		
4.400	5	1040	0	42	6	-17	0	17	7	59	849	8	-18	792		
4.450	5	1104	0	28	6	41	0	11	7	48	913	8	-27	823		
4.499	5	1139	0	16	6	71	0	0	7	37	933	8	-38	862		
4.500	5	1140	0	0	6	71	0	0	7	43	910	8	-37	970		
4.550	5	1106	0	3	6	40	0	-12	7	30	865	8	-44	865		
4.600	5	1044	0	-10	6	-20	0	-18	7	21	653	8	-55	801		
4.625	5	1009	0	-15	6	-58	0	-21	7	16	802	8	-66	831		
4.650	5	930	0	-22	6	-102	0	-24	7	11	579	8	-68	711		
4.700	5	758	0	-40	6	-207	0	-30	7	1	467	8	-80	563		
4.750	5	563	0	-43	6	-339	0	-40	7	1	314	8	-91	395		
4.765	5	498	0	-41	6	-389	0	-47	7	0	312	8	-93	287		
4.800	5	353	0	-48	6	-531	0	-54	7	-7	206	8	-99	60		
4.850	5	123	0	-60	6	-808	0	-80	7	-19	2	8	-115	-213		
4.875	5	-3	0	-66	6	-973	0	-87	7	-28	-154	8	-124	-377		
4.888	5	-69	0	-66	6	-1061	0	-89	7	-29	-182	8	-125	-501		
4.900	5	-131	0	-66	6	-1150	0	-91	7	-30	-213	8	-126	-621		
4.950	5	-370	0	-44	6	-1543	0	-106	7	-38	-410	8	-141	-1045		
5.000	5	-548	0	-45	6	-1988	0	-119	7	-44	-566	8	-158	-1511		
5.000	5	-548	0	45	6	-1987	0	118	7	156	-1529	8	44	-567		
5.050	5	-370	0	44	6	-1544	0	106	7	143	-1019	8	38	-405		
5.100	5	-134	0	67	6	-1152	0	90	7	129	-590	8	31	-218		
5.113	5	-65	0	79	6	-1063	0	88	7	128	-462	8	29	-188		
5.125	5	4	0	62	6	-977	0	85	7	124	-363	8	23	-65		
5.150	5	122	0	73	6	-812	0	80	7	117	-194	8	23	-19		
5.200	5	345	0	53	6	-537	0	54	7	102	95	8	14	138		
5.236	5	489	0	46	6	-390	0	47	7	93	292	8	3	268		
5.250	5	559	0	49	6	-345	0	37	7	97	372	8	8	479		
5.300	5	748	0	49	6	-213	0	29	7	82	558	8	2	552		
5.350	5	916	0	54	6	-107	0	24	7	71	724	8	-7	671		
5.375	5	1004	0	15	6	-63	0	21	7	66	823	8	-16	814		
5.400	5	1032	0	42	6	-24	0	18	7	59	836	8	-18	788		
5.450	5	1096	0	28	6	35	0	12	7	48	900	8	-27	826		
5.500	5	1131	0	0	6	67	0	0	7	43	939	8	-37	928		
5.550	5	1097	0	3	6	38	0	-12	7	31	854	8	-43	864		
5.600	5	1035	0	-10	6	-20	0	-18	7	21	643	8	-54	801		
5.625	5	1000	0	-15	6	-58	0	-20	7	16	792	8	-66	832		
5.650	5	920	0	-22	6	-101	0	-23	7	11	569	8	-67	712		
5.700	5	754	0	-36	6	-204	0	-29	7	1	458	8	-80	563		
5.750	5	554	0	-43	6	-334	0	-40	7	1	305	8	-91	398		
5.764	5	493	0	-41	6	-381	0	-47	7	0	303	8	-92	297		
5.800	5	345	0	-48	6	-526	0	-54	7	-7	197	8	-98	65		
5.850	5	115	0	-60	6	-802	0	-79	7	-19	-6	8	-115	-207		
5.875	5	-11	0	-66	6	-966	0	-87	7	-28	-161	8	-123	-370		
5.888	5	-77	0	-66	6	-1054	0	-89	7	-29	-190	8	-125	-494		
5.900	5	-139	0	-65	6	-1143	0	-91	7	-30	-220	8	-126	-614		
5.950	5	-388	0	-42	6	-1534	0	-105	7	-38	-417	8	-141	-1036		
6.000	5	-561	0	-44	6	-1978	0	-119	7	-43	-573	8	-158	-1501		
6.000	5	-561	0	48	6	-1978	0	117	7	156	-1519	8	45	-589		
6.050	5	-374	0	45	6	-1536	0	105	7	143	-1012	8	39	-420		
6.100	5	-137	0	67	6	-1145	0	90	7	129	-583	8	32	-225		
6.112	5	-67	0	79	6	-1056	0	87	7	127	-455	8	30	-194		
6.125	5	3	0	63	6	-971	0	84	7	124	-357	8	24	-66		
6.150	5	124	0	79	6	-807	0	80	7	117	-185	8	23	-18		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)
6.200	5	348	0	53	6	-533	0	53	7	102	99	8	15	141		
6.235	5	489	0	46	6	-393	0	47	7	92	285	8	3	272		
6.250	5	563	0	48	6	-342	0	38	7	96	374	8	9	485		
6.300	5	751	0	49	6	-207	0	30	7	82	559	8	3	560		
6.350	5	917	0	54	6	-98	0	24	7	70	723	8	-6	681		
6.375	5	1004	0	15	6	-52	0	21	7	65	822	8	-16	825		
6.400	5	1031	0	41	6	-13	0	18	7	59	834	8	-17	801		
6.450	5	1093	0	28	6	49	0	12	7	47	896	8	-27	844		
6.500	5	1127	0	0	6	87	0	7	7	43	933	8	-36	945		
6.501	5	1126	0	-17	6	88	0	7	7	41	895	8	-36	946		
6.550	5	1091	0	2	6	78	0	-10	7	30	846	8	-43	884		
6.600	5	1027	0	-10	6	26	0	-16	7	20	634	8	-54	824		
6.625	5	992	0	-16	6	-9	0	-19	7	16	783	8	-65	856		
6.650	5	911	0	-23	6	-50	0	-22	7	11	559	8	-67	737		
6.700	5	738	0	-43	6	-148	0	-28	7	1	446	8	-80	601		
6.750	5	541	0	-43	6	-273	0	-39	7	1	291	8	-90	430		
6.767	5	461	0	-82	6	-330	0	-43	7	-8	182	8	-95	346		
6.800	5	326	0	-49	6	-459	0	-53	7	-9	154	8	-98	101		
6.850	5	97	0	-60	6	-733	0	-76	7	-19	-24	8	-114	-171		
6.875	5	-30	0	-66	6	-894	0	-82	7	-28	-180	8	-122	-334		
6.900	5	-159	0	-66	6	-1064	0	-88	7	-30	-235	8	-125	-576		
6.950	5	-411	0	-40	6	-1445	0	-101	7	-38	-434	8	-140	-996		
7.000	5	-580	0	-44	6	-1875	0	-113	7	-44	-593	8	-157	-1457		
7.000	5	-580	0	51	6	-1877	0	119	7	155	-1463	8	51	-593		
7.050	5	-422	0	48	6	-1518	0	106	7	147	-1017	8	45	-503		
7.100	5	-243	0	64	6	-1198	0	96	7	135	-661	8	37	-297		
7.125	5	-133	0	73	6	-1050	0	88	7	128	-515	8	34	-217		
7.150	5	-18	0	67	6	-913	0	82	7	124	-342	8	29	-95		
7.156	5	15	0	66	6	-880	0	81	7	123	-293	8	27	-62		
7.200	5	199	0	59	6	-682	0	59	7	108	-119	8	21	80		
7.250	5	393	0	52	6	-504	0	52	7	98	124	8	12	230		
7.280	5	492	0	66	6	-408	0	48	7	95	309	8	10	251		
7.300	5	575	0	47	6	-353	0	42	7	91	382	8	4	343		
7.312	5	625	0	48	6	-321	0	38	7	96	442	8	12	403		
7.350	5	760	0	41	6	-233	0	35	7	84	500	8	7	632		
7.400	5	918	0	30	6	-128	0	30	7	74	651	8	0	758		
7.450	5	1041	0	21	6	-38	0	26	7	68	813	8	-8	868		
7.469	5	1086	0	26	6	-8	0	24	7	66	889	8	-11	914		
7.500	5	1132	0	5	6	37	0	21	7	56	855	8	-15	958		
7.550	5	1191	0	-4	6	98	0	17	7	47	892	8	-22	1022		
7.600	5	1220	0	-14	6	144	0	12	7	41	948	8	-29	1064		
7.625	5	1227	0	1	6	161	0	10	7	35	973	8	-37	1091		
7.643	5	1220	0	6	6	171	0	8	7	32	943	8	-38	1100		
7.650	5	1205	0	-32	6	175	0	7	7	29	832	8	-38	1133		
7.664	5	1180	0	-28	6	181	0	6	7	28	857	8	-40	1098		
7.700	5	1179	0	-3	6	192	0	3	7	26	761	8	-46	1113		
7.703	5	1178	0	-7	6	192	0	2	7	23	671	8	-51	1130		
7.750	5	1091	0	-56	6	193	0	-2	7	18	652	8	-59	1056		
7.800	5	973	0	-67	6	181	0	-6	7	6	488	8	-68	957		
7.850	5	813	0	-78	6	156	0	-10	7	-2	382	8	-79	804		
7.852	5	805	0	-78	6	155	0	-10	7	-2	382	8	-79	796		
7.889	5	657	0	-89	6	128	0	-13	7	-7	355	8	-89	648		
7.900	5	607	0	-90	6	118	0	-14	7	-8	323	8	-91	600		
7.905	5	585	0	-92	6	113	0	-15	7	-9	315	8	-92	579		
7.950	5	336	0	-104	6	64	0	-22	7	-18	66	8	-104	336		
7.958	5	286	0	-105	6	54	0	-22	7	-19	57	8	-105	286		
8.000	5	2	0	-48	6	-17	0	-68	7	-23	0	8	-109	-3		
8.000	5	2	0	-46	6	-17	0	-69	7	-23	0	8	-115	-4		
8.000	5	0	0	1	6	-14	0	30	7	35	0	8	1	0		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I OPERATING (Cont'd)
 MULTI LANE WITH IMPACT
 LL CASE: 1 NAME: HL-93-ED

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COR V (kips)	COMB NO	MIN MOMENT			COR V (kips)	COMB NO	MAX SHEAR			COR V (kips)	COMB NO	MIN SHEAR			COR V (kips)	COMB NO
		M (ft-k)	COR ML (ft-k)				M (ft-k)	COR ML (ft-k)				V (kips)	COR M (ft-k)				V (kips)	COR M (ft-k)			
8.375	5	0	0		0	6	-9	0		21	7	21	-9		8	8	0			0	0
9.000	5	0	0		0	6	0	0		0	7	21	0		8	8	0			0	0

FATIGUE-INFINITE
 ONE LANE WITH IMPACT
 LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD										LIVE LOAD									
	ADL		ADL		BDL+DW		BDL+DW		LOAD		CORR		LOAD		CORR		MIN		CORR	
	MOM (ft-k)	M LAT (ft-k)	MOM (ft-k)	M LAT (ft-k)	MOM (ft-k)	M LAT (ft-k)	MOM (ft-k)	M LAT (ft-k)	COMB NO	CASE NO	MOM (ft-k)	M LAT (ft-k)	COMB NO	CASE NO	MOM (ft-k)	M LAT (ft-k)	MOM (ft-k)	M LAT (ft-k)	MOM (ft-k)	M LAT (ft-k)
0.000	0	0	0	0	0	0	0	0	1	2	0	0	2	2	0	0	0	0	0	0
0.625	0	0	0	0	0	0	0	0	1	2	0	0	2	2	-13	0	-13	0	-13	0
1.000	0	0	0	0	0	0	0	0	1	2	0	0	2	2	-20	0	-20	0	-20	0
1.000	0	0	0	0	0	0	0	0	1	2	0	0	2	2	-20	0	-20	0	-20	0
1.000	0	0	0	0	0	0	0	0	1	2	0	0	2	2	-20	0	-20	0	-20	0
1.049	39	0	18	0	0	0	0	0	1	2	89	0	2	2	-15	0	-15	0	-15	0
1.050	40	0	18	0	0	0	0	0	1	2	87	0	2	2	-15	0	-15	0	-15	0
1.100	74	0	34	0	0	0	0	0	1	2	145	0	2	2	-16	0	-16	0	-16	0
1.109	79	0	36	0	0	0	0	0	1	2	159	0	2	2	-17	0	-17	0	-17	0
1.127	90	0	41	0	0	0	0	0	1	2	176	0	2	2	-20	0	-20	0	-20	0
1.143	98	0	45	0	0	0	0	0	1	2	173	0	2	2	-22	0	-22	0	-22	0
1.150	101	0	46	0	0	0	0	0	1	2	170	0	2	2	-23	0	-23	0	-23	0
1.200	123	0	56	0	0	0	0	0	1	2	192	0	2	2	-31	0	-31	0	-31	0
1.250	138	0	63	0	0	0	0	0	1	2	211	0	2	2	-39	0	-39	0	-39	0
1.286	145	0	66	0	0	0	0	0	1	2	236	0	2	2	-44	0	-44	0	-44	0
1.300	147	0	67	0	0	0	0	0	1	2	226	0	2	2	-46	0	-46	0	-46	0
1.343	149	0	68	0	0	0	0	0	1	2	238	0	2	2	-53	0	-53	0	-53	0
1.350	149	0	68	0	0	0	0	0	1	2	232	0	2	2	-54	0	-54	0	-54	0
1.400	145	0	66	0	0	0	0	0	1	2	235	0	2	2	-62	0	-62	0	-62	0
1.450	135	0	61	0	0	0	0	0	1	2	237	0	2	2	-71	0	-71	0	-71	0
1.464	131	0	59	0	0	0	0	0	1	2	247	0	2	2	-74	0	-74	0	-74	0
1.500	119	0	53	0	0	0	0	0	1	2	225	0	2	2	-80	0	-80	0	-80	0
1.550	96	0	43	0	0	0	0	0	1	2	219	0	2	2	-89	0	-89	0	-89	0
1.600	68	0	30	0	0	0	0	0	1	2	200	0	2	2	-99	0	-99	0	-99	0
1.643	38	0	16	0	0	0	0	0	1	2	200	0	2	2	-108	0	-108	0	-108	0
1.650	33	0	13	0	0	0	0	0	1	2	194	0	2	2	-110	0	-110	0	-110	0
1.690	0	0	-1	0	0	0	0	0	1	2	180	0	2	2	-121	0	-121	0	-121	0
1.700	-9	0	-5	0	0	0	0	0	1	2	170	0	2	2	-124	0	-124	0	-124	0
1.750	-57	0	-27	0	0	0	0	0	1	2	159	0	2	2	-138	0	-138	0	-138	0
1.800	-110	0	-52	0	0	0	0	0	1	2	126	0	2	2	-154	0	-154	0	-154	0
1.821	-135	0	-63	0	0	0	0	0	1	2	123	0	2	2	-160	0	-160	0	-160	0
1.850	-171	0	-80	0	0	0	0	0	1	2	96	0	2	2	-170	0	-170	0	-170	0
1.893	-227	0	-105	0	0	0	0	0	1	2	78	0	2	2	-189	0	-189	0	-189	0
1.900	-237	0	-110	0	0	0	0	0	1	2	68	0	2	2	-193	0	-193	0	-193	0
1.950	-310	0	-143	0	0	0	0	0	1	2	46	0	2	2	-212	0	-212	0	-212	0
2.000	-389	0	-180	0	0	0	0	0	1	2	49	0	2	2	-261	0	-261	0	-261	0
2.000	-389	0	-180	0	0	0	0	0	1	2	49	0	2	2	-260	0	-260	0	-260	0
2.050	-272	0	-126	0	0	0	0	0	1	2	46	0	2	2	-172	0	-172	0	-172	0
2.075	-219	0	-101	0	0	0	0	0	1	2	68	0	2	2	-137	0	-137	0	-137	0
2.100	-169	0	-78	0	0	0	0	0	1	2	82	0	2	2	-113	0	-113	0	-113	0
2.125	-123	0	-56	0	0	0	0	0	1	2	119	0	2	2	-104	0	-104	0	-104	0
2.150	-79	0	-36	0	0	0	0	0	1	2	118	0	2	2	-95	0	-95	0	-95	0
2.200	-1	0	0	0	0	0	0	0	1	2	148	0	2	2	-78	0	-78	0	-78	0
2.201	0	0	0	0	0	0	0	0	1	2	149	0	2	2	-78	0	-78	0	-78	0
2.250	64	0	30	0	0	0	0	0	1	2	182	0	2	2	-64	0	-64	0	-64	0
2.300	116	0	54	0	0	0	0	0	1	2	205	0	2	2	-55	0	-55	0	-55	0
2.350	156	0	73	0	0	0	0	0	1	2	231	0	2	2	-46	0	-46	0	-46	0
2.375	171	0	80	0	0	0	0	0	1	2	260	0	2	2	-43	0	-43	0	-43	0
2.400	183	0	85	0	0	0	0	0	1	2	263	0	2	2	-39	0	-39	0	-39	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD							
	ADL MOM (ft-k)	ADL M LAT (ft-k)	BDL+DW MOM (ft-k)	BDL+DW M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MAX MOM (ft-k)	CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
2.450	198	0	92	0	1	2	251	0	2	2	-41	0
2.483	201	0	93	0	1	2	246	0	2	2	-47	0
2.500	200	0	93	0	1	2	262	0	2	2	-50	0
2.550	189	0	88	0	1	2	252	0	2	2	-60	0
2.600	166	0	77	0	1	2	248	0	2	2	-70	0
2.625	150	0	70	0	1	2	259	0	2	2	-77	0
2.650	130	0	60	0	1	2	235	0	2	2	-82	0
2.700	82	0	38	0	1	2	207	0	2	2	-96	0
2.750	21	0	10	0	1	2	184	0	2	2	-110	0
2.765	0	0	0	0	1	2	179	0	2	2	-116	0
2.800	-53	0	-25	0	1	2	163	0	2	2	-131	0
2.850	-140	0	-65	0	1	2	122	0	2	2	-153	0
2.875	-188	0	-87	0	1	2	110	0	2	2	-164	0
2.888	-213	0	-99	0	1	2	86	0	2	2	-170	0
2.900	-239	0	-111	0	1	2	91	0	2	2	-181	0
2.950	-352	0	-162	0	1	2	49	0	2	2	-208	0
3.000	-478	0	-220	0	1	2	48	0	2	2	-276	0
3.000	-478	0	-220	0	1	2	48	0	2	2	-276	0
3.050	-355	0	-164	0	1	2	48	0	2	2	-206	0
3.100	-245	0	-113	0	1	2	86	0	2	2	-177	0
3.112	-220	0	-102	0	1	2	109	0	2	2	-171	0
3.125	-195	0	-90	0	1	2	121	0	2	2	-165	0
3.150	-148	0	-69	0	1	2	119	0	2	2	-150	0
3.200	-65	0	-30	0	1	2	148	0	2	2	-129	0
3.245	0	0	-1	0	1	2	176	0	2	2	-110	0
3.250	7	0	2	0	1	2	182	0	2	2	-111	0
3.300	65	0	29	0	1	2	206	0	2	2	-95	0
3.350	110	0	50	0	1	2	232	0	2	2	-82	0
3.375	128	0	59	0	1	2	260	0	2	2	-76	0
3.400	143	0	66	0	1	2	248	0	2	2	-70	0
3.450	163	0	75	0	1	2	253	0	2	2	-59	0
3.500	171	0	78	0	1	2	263	0	2	2	-50	0
3.504	171	0	79	0	1	2	259	0	2	2	-51	0
3.550	166	0	76	0	1	2	254	0	2	2	-60	0
3.600	148	0	68	0	1	2	249	0	2	2	-70	0
3.625	134	0	62	0	1	2	260	0	2	2	-77	0
3.650	117	0	54	0	1	2	235	0	2	2	-83	0
3.700	74	0	34	0	1	2	208	0	2	2	-96	0
3.750	19	0	8	0	1	2	184	0	2	2	-110	0
3.765	0	0	0	0	1	2	178	0	2	2	-116	0
3.800	-50	0	-23	0	1	2	163	0	2	2	-131	0
3.850	-131	0	-60	0	1	2	121	0	2	2	-153	0
3.875	-177	0	-81	0	1	2	109	0	2	2	-164	0
3.888	-200	0	-92	0	1	2	86	0	2	2	-170	0
3.900	-225	0	-104	0	1	2	91	0	2	2	-181	0
3.950	-332	0	-153	0	1	2	49	0	2	2	-207	0
4.000	-453	0	-208	0	1	2	48	0	2	2	-276	0
4.000	-453	0	-208	0	1	2	48	0	2	2	-277	0
4.050	-332	0	-152	0	1	2	48	0	2	2	-207	0
4.100	-223	0	-103	0	1	2	87	0	2	2	-178	0
4.113	-199	0	-91	0	1	2	109	0	2	2	-172	0
4.125	-174	0	-80	0	1	2	121	0	2	2	-167	0
4.150	-129	0	-59	0	1	2	135	0	2	2	-151	0
4.200	-46	0	-21	0	1	2	148	0	2	2	-130	0
4.232	0	0	0	0	1	2	162	0	2	2	-116	0
4.250	23	0	11	0	1	2	182	0	2	2	-112	0
4.300	80	0	37	0	1	2	206	0	2	2	-96	0
4.350	123	0	57	0	1	2	232	0	2	2	-83	0
4.375	141	0	65	0	1	2	261	0	2	2	-77	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD							
	ADL MOM (ft-k)	ADL M LAT (ft-k)	BDL+DW MOM (ft-k)	BDL+DW M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MAX MOM (ft-k)	CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
4.400	155	0	72	0	1	2	248	0	2	2	-71	0
4.450	173	0	80	0	1	2	253	0	2	2	-60	0
4.499	180	0	83	0	1	2	262	0	2	2	-51	0
4.500	180	0	83	0	1	2	263	0	2	2	-51	0
4.550	173	0	80	0	1	2	253	0	2	2	-60	0
4.600	153	0	71	0	1	2	249	0	2	2	-70	0
4.625	139	0	64	0	1	2	260	0	2	2	-77	0
4.650	121	0	56	0	1	2	235	0	2	2	-83	0
4.700	77	0	35	0	1	2	208	0	2	2	-96	0
4.750	20	0	9	0	1	2	184	0	2	2	-110	0
4.765	0	0	0	0	1	2	179	0	2	2	-116	0
4.800	-51	0	-23	0	1	2	163	0	2	2	-131	0
4.850	-133	0	-62	0	1	2	121	0	2	2	-152	0
4.875	-180	0	-83	0	1	2	109	0	2	2	-164	0
4.888	-204	0	-94	0	1	2	86	0	2	2	-170	0
4.900	-229	0	-106	0	1	2	91	0	2	2	-181	0
4.950	-338	0	-156	0	1	2	49	0	2	2	-207	0
5.000	-460	0	-211	0	1	2	48	0	2	2	-276	0
5.000	-460	0	-211	0	1	2	48	0	2	2	-277	0
5.050	-338	0	-156	0	1	2	48	0	2	2	-207	0
5.100	-230	0	-106	0	1	2	87	0	2	2	-179	0
5.113	-205	0	-94	0	1	2	109	0	2	2	-173	0
5.125	-180	0	-83	0	1	2	121	0	2	2	-167	0
5.150	-134	0	-62	0	1	2	130	0	2	2	-152	0
5.200	-52	0	-24	0	1	2	148	0	2	2	-130	0
5.236	0	0	0	0	1	2	165	0	2	2	-115	0
5.250	18	0	8	0	1	2	182	0	2	2	-112	0
5.300	75	0	34	0	1	2	206	0	2	2	-96	0
5.350	119	0	55	0	1	2	232	0	2	2	-83	0
5.375	137	0	63	0	1	2	261	0	2	2	-77	0
5.400	151	0	70	0	1	2	248	0	2	2	-71	0
5.450	170	0	78	0	1	2	253	0	2	2	-60	0
5.500	176	0	81	0	1	2	263	0	2	2	-51	0
5.550	170	0	78	0	1	2	253	0	2	2	-60	0
5.600	151	0	70	0	1	2	249	0	2	2	-70	0
5.625	137	0	63	0	1	2	260	0	2	2	-76	0
5.650	119	0	55	0	1	2	235	0	2	2	-82	0
5.700	75	0	35	0	1	2	208	0	2	2	-96	0
5.750	18	0	8	0	1	2	184	0	2	2	-110	0
5.764	0	0	0	0	1	2	178	0	2	2	-116	0
5.800	-52	0	-24	0	1	2	163	0	2	2	-130	0
5.850	-134	0	-62	0	1	2	121	0	2	2	-152	0
5.875	-180	0	-83	0	1	2	109	0	2	2	-164	0
5.888	-204	0	-94	0	1	2	86	0	2	2	-169	0
5.900	-229	0	-106	0	1	2	91	0	2	2	-180	0
5.950	-338	0	-155	0	1	2	49	0	2	2	-207	0
6.000	-460	0	-211	0	1	2	48	0	2	2	-276	0
6.000	-460	0	-211	0	1	2	48	0	2	2	-277	0
6.050	-337	0	-155	0	1	2	48	0	2	2	-207	0
6.100	-229	0	-105	0	1	2	87	0	2	2	-179	0
6.112	-203	0	-94	0	1	2	109	0	2	2	-173	0
6.125	-179	0	-83	0	1	2	121	0	2	2	-167	0
6.150	-133	0	-61	0	1	2	132	0	2	2	-152	0
6.200	-50	0	-23	0	1	2	148	0	2	2	-130	0
6.235	0	0	0	0	1	2	163	0	2	2	-115	0
6.250	20	0	9	0	1	2	182	0	2	2	-112	0
6.300	77	0	36	0	1	2	206	0	2	2	-96	0
6.350	122	0	56	0	1	2	232	0	2	2	-83	0
6.375	139	0	64	0	1	2	260	0	2	2	-77	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

FATIGUE-INFINITE (Cont'd)

ONE LANE WITH IMPACT

LL CASE: 2 NAME: HL-93-ED

SPAN.LOC FRAC	DEAD LOAD				LIVE LOAD							
	ADL MOM (ft-k)	ADL M LAT (ft-k)	BDL+DW MOM (ft-k)	BDL+DW M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MAX MOM (ft-k)	CORR M LAT (ft-k)	LOAD COMB NO	LL CASE NO	MIN MOM (ft-k)	CORR M LAT (ft-k)
6.400	154	0	71	0	1	2	247	0	2	2	-71	0
6.450	173	0	80	0	1	2	252	0	2	2	-60	0
6.500	180	0	83	0	1	2	262	0	2	2	-51	0
6.501	180	0	83	0	1	2	262	0	2	2	-50	0
6.550	173	0	80	0	1	2	253	0	2	2	-48	0
6.600	155	0	71	0	1	2	249	0	2	2	-56	0
6.625	141	0	65	0	1	2	260	0	2	2	-61	0
6.650	123	0	57	0	1	2	235	0	2	2	-66	0
6.700	79	0	37	0	1	2	208	0	2	2	-77	0
6.750	23	0	10	0	1	2	184	0	2	2	-90	0
6.767	0	0	0	0	1	2	176	0	2	2	-96	0
6.800	-47	0	-22	0	1	2	152	0	2	2	-108	0
6.850	-129	0	-60	0	1	2	121	0	2	2	-129	0
6.875	-175	0	-81	0	1	2	109	0	2	2	-140	0
6.900	-224	0	-103	0	1	2	90	0	2	2	-151	0
6.950	-332	0	-153	0	1	2	51	0	2	2	-185	0
7.000	-453	0	-209	0	1	2	48	0	2	2	-271	0
7.000	-453	0	-209	0	1	2	48	0	2	2	-271	0
7.050	-353	0	-163	0	1	2	45	0	2	2	-211	0
7.100	-261	0	-121	0	1	2	82	0	2	2	-188	0
7.125	-219	0	-101	0	1	2	87	0	2	2	-178	0
7.150	-178	0	-82	0	1	2	114	0	2	2	-169	0
7.156	-168	0	-78	0	1	2	122	0	2	2	-166	0
7.200	-103	0	-48	0	1	2	142	0	2	2	-148	0
7.250	-36	0	-17	0	1	2	165	0	2	2	-132	0
7.280	0	0	0	0	1	2	169	0	2	2	-121	0
7.300	23	0	10	0	1	2	183	0	2	2	-115	0
7.312	36	0	17	0	1	2	194	0	2	2	-111	0
7.350	74	0	34	0	1	2	213	0	2	2	-103	0
7.400	118	0	54	0	1	2	237	0	2	2	-94	0
7.450	154	0	70	0	1	2	255	0	2	2	-85	0
7.469	166	0	75	0	1	2	265	0	2	2	-81	0
7.500	182	0	83	0	1	2	263	0	2	2	-76	0
7.550	202	0	92	0	1	2	275	0	2	2	-67	0
7.600	214	0	97	0	1	2	282	0	2	2	-59	0
7.625	217	0	98	0	1	2	288	0	2	2	-55	0
7.643	217	0	98	0	1	2	284	0	2	2	-53	0
7.650	217	0	98	0	1	2	277	0	2	2	-52	0
7.664	217	0	98	0	1	2	265	0	2	2	-50	0
7.700	212	0	96	0	1	2	283	0	2	2	-45	0
7.703	212	0	95	0	1	2	286	0	2	2	-44	0
7.750	197	0	89	0	1	2	267	0	2	2	-38	0
7.800	174	0	79	0	1	2	243	0	2	2	-31	0
7.850	143	0	65	0	1	2	215	0	2	2	-23	0
7.852	141	0	64	0	1	2	212	0	2	2	-23	0
7.889	113	0	51	0	1	2	184	0	2	2	-17	0
7.900	103	0	47	0	1	2	173	0	2	2	-15	0
7.905	99	0	45	0	1	2	169	0	2	2	-15	0
7.950	56	0	25	0	1	2	104	0	2	2	-9	0
7.958	48	0	22	0	1	2	88	0	2	2	-9	0
8.000	0	0	0	0	1	2	1	0	2	2	-12	0
8.000	0	0	0	0	1	2	1	0	2	2	-12	0
8.000	0	0	0	0	1	2	0	0	2	2	-11	0
8.375	0	0	0	0	1	2	0	0	2	2	-7	0
9.000	0	0	0	0	1	2	0	0	2	2	0	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)	M (ft-k)		V (kips)	COR M (ft-k)	M (ft-k)
0.000	1	0	0	0	2	-1	0	0	3	0	0	0	4	-23	0	0
0.625	1	0	0	0	2	-10	0	-23	3	0	0	0	4	-23	-10	0
1.000	1	0	0	0	2	-16	0	-24	3	0	0	0	4	-25	-8	0
1.000	1	1	0	42	2	-16	0	43	3	94	-1	4	4	17	0	0
1.000	1	1	0	41	2	-15	0	46	3	91	0	4	4	17	0	0
1.049	1	234	0	84	2	42	0	14	3	84	234	2	4	14	42	0
1.050	1	234	0	64	2	44	0	14	3	83	231	4	4	14	44	0
1.100	1	414	0	72	2	77	0	10	3	72	413	4	4	10	77	0
1.109	1	450	0	51	2	82	0	9	3	71	449	4	4	8	185	0
1.127	1	504	0	54	2	91	0	8	3	67	504	4	4	5	292	0
1.143	1	544	0	48	2	97	0	7	3	59	510	4	4	3	299	0
1.150	1	560	0	48	2	100	0	6	3	59	530	4	4	4	220	0
1.200	1	669	0	38	2	113	0	3	3	50	623	4	4	-3	380	0
1.250	1	748	0	20	2	116	0	-1	3	41	682	4	4	-10	432	0
1.286	1	791	0	17	2	111	0	-4	3	41	751	4	4	-13	621	0
1.300	1	796	0	9	2	107	0	-5	3	37	713	4	4	-13	609	0
1.343	1	820	0	0	2	91	0	-9	3	28	680	4	4	-20	680	0
1.350	1	816	0	2	2	88	0	-9	3	28	690	4	4	-20	672	0
1.400	1	812	0	-7	2	57	0	-13	3	21	676	4	4	-27	685	0
1.450	1	782	0	-13	2	16	0	-17	3	15	665	4	4	-35	671	0
1.464	1	779	0	-18	2	3	0	-18	3	14	677	4	4	-39	691	0
1.500	1	741	0	-22	2	-35	0	-21	3	8	591	4	4	-42	630	0
1.550	1	674	0	-22	2	-98	0	-24	3	2	546	4	4	-50	587	0
1.600	1	591	0	-39	2	-171	0	-28	3	-5	444	4	4	-58	520	0
1.643	1	506	0	-32	2	-243	0	-34	3	-2	289	4	4	-64	465	0
1.650	1	487	0	-52	2	-257	0	-35	3	-4	238	4	4	-64	441	0
1.690	1	386	0	-56	2	-340	0	-41	3	-12	159	4	4	-71	342	0
1.700	1	357	0	-51	2	-363	0	-42	3	-11	152	4	4	-72	304	0
1.750	1	215	0	-55	2	-487	0	-47	3	-16	69	4	4	-81	156	0
1.800	1	49	0	-61	2	-633	0	-57	3	-24	-66	4	4	-90	-24	0
1.821	1	-20	0	-45	2	-703	0	-59	3	-26	-96	4	4	-92	-134	0
1.850	1	-117	0	-67	2	-815	0	-73	3	-30	-197	4	4	-100	-238	0
1.893	1	-245	0	-60	2	-1030	0	-90	3	-37	-304	4	4	-111	-438	0
1.900	1	-264	0	-38	2	-1067	0	-94	3	-38	-319	4	4	-111	-479	0
1.950	1	-376	0	-42	2	-1345	0	-105	1	-42	-376	4	4	-122	-752	0
2.000	1	-498	0	-46	2	-1650	0	-115	1	-46	-498	4	4	-131	-1074	0
2.000	1	-498	0	43	2	-1649	0	114	3	136	-1217	4	4	43	-498	0
2.050	1	-338	0	38	2	-1224	0	102	3	125	-768	4	4	38	-340	0
2.075	1	-263	0	49	2	-1025	0	93	3	119	-556	4	4	35	-267	0
2.100	1	-152	0	64	2	-833	0	85	3	111	-384	4	4	32	-188	0
2.125	1	-19	0	68	2	-668	0	82	3	107	-182	4	4	27	-74	0
2.150	1	86	0	63	2	-491	0	64	3	99	-56	4	4	26	-31	0
2.200	1	289	0	53	2	-265	0	50	3	86	216	4	4	19	127	0
2.201	1	293	0	61	2	-222	0	38	3	86	222	4	4	19	129	0
2.250	1	507	0	48	2	-84	0	30	3	82	461	4	4	13	419	0
2.300	1	689	0	49	2	28	0	25	3	68	615	4	4	7	490	0
2.350	1	831	0	30	2	115	0	19	3	57	749	4	4	-1	607	0
2.375	1	894	0	21	2	151	0	17	3	53	836	4	4	-9	735	0
2.400	1	932	0	28	2	181	0	13	3	48	869	4	4	-11	715	0
2.450	1	968	0	8	2	208	0	-4	3	35	872	4	4	-19	750	0
2.483	1	979	0	-2	2	194	0	-7	3	27	825	4	4	-28	854	0
2.500	1	981	0	-3	2	183	0	-9	3	31	859	4	4	-29	902	0
2.550	1	956	0	-7	2	136	0	-15	3	19	785	4	4	-35	810	0
2.600	1	893	0	-19	2	65	0	-21	3	9	712	4	4	-46	760	0
2.625	1	855	0	-25	2	21	0	-23	3	6	702	4	4	-56	797	0
2.650	1	788	0	-30	2	-28	0	-26	3	0	610	4	4	-58	684	0
2.700	1	627	0	-43	2	-143	0	-32	3	-8	363	4	4	-70	550	0
2.750	1	430	0	-58	2	-279	0	-39	3	-7	245	4	4	-79	390	0
2.765	1	365	0	-44	2	-338	0	-50	3	-10	205	4	4	-81	294	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR V (kips)
2.800	1	215	0	-42	2	-502	0	-61	3	-17	95	4	4	-87	89	
2.850	1	-7	0	-58	2	-755	0	-68	3	-28	-102	4	4	-102	-166	
2.875	1	-126	0	-71	2	-904	0	-86	3	-35	-241	4	4	-110	-319	
2.888	1	-197	0	-65	2	-1002	0	-93	3	-36	-276	4	4	-111	-430	
2.900	1	-247	0	-52	2	-1098	0	-104	3	-37	-307	4	4	-112	-537	
2.950	1	-449	0	-46	2	-1557	0	-111	3	-45	-527	4	4	-126	-929	
3.000	1	-646	0	-52	2	-2035	0	-127	3	-50	-702	4	4	-142	-1362	
3.000	1	-646	0	46	2	-2035	0	121	3	140	-1382	4	4	46	-646	
3.050	1	-475	0	41	2	-1561	0	112	3	128	-918	4	4	41	-477	
3.100	1	-270	0	65	2	-1120	0	101	3	115	-524	4	4	35	-310	
3.112	1	-197	0	73	2	-1019	0	100	3	113	-410	4	4	33	-276	
3.125	1	-132	0	63	2	-943	0	88	3	110	-316	4	4	30	-189	
3.150	1	-25	0	65	2	-772	0	72	3	102	-183	4	4	28	-143	
3.200	1	187	0	56	2	-522	0	58	3	89	98	4	4	21	22	
3.245	1	379	0	61	2	-315	0	42	3	79	331	4	4	11	158	
3.250	1	402	0	51	2	-300	0	36	3	85	356	4	4	15	328	
3.300	1	594	0	52	2	-168	0	30	3	71	520	4	4	9	408	
3.350	1	747	0	33	2	-58	0	25	3	59	665	4	4	1	534	
3.375	1	815	0	24	2	-11	0	22	3	55	758	4	4	-7	667	
3.400	1	850	0	21	2	30	0	19	3	49	761	4	4	-8	651	
3.450	1	906	0	10	2	93	0	14	3	38	808	4	4	-18	720	
3.500	1	929	0	8	2	129	0	0	3	33	851	4	4	-27	814	
3.504	1	928	0	-1	2	129	0	0	3	31	821	4	4	-27	804	
3.550	1	914	0	-5	2	96	0	-13	3	21	746	4	4	-33	769	
3.600	1	861	0	-16	2	34	0	-18	3	12	682	4	4	-43	728	
3.625	1	828	0	-23	2	-5	0	-21	3	8	677	4	4	-54	770	
3.650	1	765	0	-27	2	-49	0	-24	3	2	457	4	4	-55	662	
3.700	1	618	0	-39	2	-156	0	-30	3	-6	350	4	4	-67	535	
3.750	1	427	0	-55	2	-282	0	-37	3	-5	242	4	4	-77	387	
3.765	1	365	0	-42	2	-338	0	-47	3	-8	205	4	4	-79	296	
3.800	1	220	0	-40	2	-496	0	-58	3	-15	100	4	4	-84	95	
3.850	1	7	0	-56	2	-740	0	-71	3	-25	-88	4	4	-99	-150	
3.875	1	-108	0	-69	2	-884	0	-82	3	-31	-209	4	4	-107	-299	
3.888	1	-177	0	-63	2	-979	0	-91	3	-32	-241	4	4	-109	-407	
3.900	1	-224	0	-49	2	-1073	0	-102	3	-33	-274	4	4	-110	-512	
3.950	1	-417	0	-44	2	-1521	0	-109	3	-40	-441	4	4	-124	-895	
4.000	1	-599	0	-47	2	-1990	0	-124	3	-45	-606	4	4	-140	-1317	
4.000	1	-599	0	47	2	-1990	0	121	3	139	-1334	4	4	45	-606	
4.050	1	-418	0	45	2	-1519	0	112	3	127	-873	4	4	40	-439	
4.100	1	-225	0	50	2	-1081	0	101	3	114	-482	4	4	34	-274	
4.113	1	-162	0	72	2	-981	0	99	3	112	-369	4	4	33	-241	
4.125	1	-97	0	62	2	-905	0	88	3	109	-276	4	4	29	-155	
4.150	1	18	0	46	2	-737	0	71	3	101	-146	4	4	26	-60	
4.200	1	217	0	55	2	-489	0	57	3	88	133	4	4	21	52	
4.232	1	352	0	56	2	-328	0	40	3	80	284	4	4	11	175	
4.250	1	434	0	50	2	-275	0	35	3	84	389	4	4	14	354	
4.300	1	623	0	51	2	-145	0	29	3	70	550	4	4	9	433	
4.350	1	773	0	32	2	-37	0	24	3	59	691	4	4	0	557	
4.375	1	840	0	23	2	8	0	21	3	54	782	4	4	-8	688	
4.400	1	873	0	21	2	45	0	19	3	48	784	4	4	-9	671	
4.450	1	926	0	10	2	108	0	13	3	37	828	4	4	-18	720	
4.499	1	945	0	1	2	143	0	0	3	27	827	4	4	-28	783	
4.500	1	946	0	8	2	143	0	0	3	32	827	4	4	-27	869	
4.550	1	928	0	-5	2	108	0	-14	3	20	758	4	4	-34	783	
4.600	1	872	0	-17	2	43	0	-19	3	11	691	4	4	-44	739	
4.625	1	837	0	-23	2	3	0	-22	3	7	685	4	4	-55	780	
4.650	1	773	0	-28	2	-43	0	-25	3	2	464	4	4	-56	670	
4.700	1	619	0	-41	2	-152	0	-30	3	-7	354	4	4	-68	540	
4.750	1	428	0	-56	2	-281	0	-38	3	-5	243	4	4	-78	389	

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)			V (kips)	COR M (ft-k)	
4.765	1	365	0	-43	2	-338	0	-48	3	-9	205		4	-80	294	
4.800	1	219	0	-40	2	-497	0	-59	3	-15	99		4	-85	93	
4.850	1	3	0	-57	2	-744	0	-72	3	-26	-92		4	-100	-155	
4.875	1	-113	0	-70	2	-890	0	-83	3	-32	-214		4	-108	-305	
4.888	1	-182	0	-64	2	-985	0	-92	3	-33	-246		4	-109	-414	
4.900	1	-230	0	-50	2	-1080	0	-103	3	-34	-280		4	-110	-520	
4.950	1	-427	0	-45	2	-1531	0	-110	3	-40	-449		4	-125	-905	
5.000	1	-611	0	-48	2	-2004	0	-125	3	-46	-617		4	-141	-1331	
5.000	1	-611	0	48	2	-2004	0	121	3	139	-1347		4	46	-618	
5.050	1	-428	0	45	2	-1532	0	112	3	127	-885		4	40	-450	
5.100	1	-235	0	50	2	-1093	0	101	3	114	-494		4	34	-285	
5.113	1	-172	0	73	2	-993	0	99	3	112	-381		4	33	-251	
5.125	1	-107	0	62	2	-916	0	88	3	109	-288		4	29	-165	
5.150	1	6	0	66	2	-749	0	71	3	103	-137		4	28	-120	
5.200	1	208	0	55	2	-500	0	58	3	89	123		4	21	43	
5.236	1	358	0	56	2	-325	0	43	3	79	299		4	11	170	
5.250	1	424	0	50	2	-283	0	35	3	84	379		4	15	347	
5.300	1	614	0	51	2	-153	0	30	3	70	541		4	9	425	
5.350	1	765	0	32	2	-45	0	24	3	59	683		4	1	550	
5.375	1	832	0	23	2	1	0	21	3	55	774		4	-7	682	
5.400	1	866	0	21	2	38	0	19	3	48	776		4	-9	665	
5.450	1	919	0	10	2	102	0	13	3	37	821		4	-18	718	
5.500	1	939	0	8	2	138	0	0	3	32	862		4	-27	823	
5.550	1	922	0	-5	2	104	0	-14	3	21	754		4	-34	778	
5.600	1	867	0	-17	2	40	0	-19	3	11	687		4	-44	735	
5.625	1	832	0	-23	2	0	0	-22	3	7	681		4	-55	775	
5.650	1	769	0	-28	2	-46	0	-24	3	2	460		4	-56	666	
5.700	1	619	0	-40	2	-154	0	-30	3	-7	352		4	-68	534	
5.750	1	426	0	-56	2	-282	0	-38	3	-5	241		4	-78	386	
5.764	1	366	0	-43	2	-337	0	-48	3	-9	204		4	-79	298	
5.800	1	218	0	-40	2	-498	0	-59	3	-15	98		4	-85	91	
5.850	1	2	0	-57	2	-744	0	-71	3	-26	-92		4	-100	-156	
5.875	1	-113	0	-69	2	-890	0	-83	3	-31	-214		4	-108	-306	
5.888	1	-183	0	-64	2	-985	0	-92	3	-33	-247		4	-109	-415	
5.900	1	-241	0	-50	2	-1080	0	-102	3	-34	-280		4	-110	-520	
5.950	1	-442	0	-42	2	-1530	0	-110	3	-40	-448		4	-124	-905	
6.000	3	-615	0	-46	2	-2002	0	-125	3	-46	-615		4	-141	-1330	
6.000	1	-617	0	50	2	-2002	0	121	3	139	-1345		4	47	-640	
6.050	1	-426	0	45	2	-1530	0	112	3	128	-883		4	42	-467	
6.100	1	-233	0	50	2	-1091	0	101	3	114	-491		4	35	-290	
6.112	1	-170	0	73	2	-990	0	99	3	112	-378		4	34	-255	
6.125	1	-105	0	62	2	-914	0	88	3	109	-285		4	30	-162	
6.150	1	9	0	66	2	-746	0	71	3	103	-131		4	28	-106	
6.200	1	211	0	56	2	-497	0	58	3	89	126		4	21	46	
6.235	1	355	0	53	2	-326	0	43	3	79	293		4	11	172	
6.250	1	428	0	50	2	-280	0	35	3	84	382		4	15	349	
6.300	1	618	0	52	2	-149	0	30	3	70	544		4	9	428	
6.350	1	769	0	32	2	-40	0	24	3	59	687		4	1	554	
6.375	1	836	0	23	2	5	0	22	3	55	779		4	-7	686	
6.400	1	870	0	21	2	43	0	19	3	48	780		4	-9	669	
6.450	1	924	0	10	2	107	0	14	3	37	826		4	-18	726	
6.500	1	945	0	8	2	147	0	7	3	33	867		4	-27	828	
6.501	1	945	0	-1	2	148	0	7	3	31	827		4	-27	826	
6.550	1	928	0	-5	2	141	0	-12	3	21	758		4	-33	784	
6.600	1	873	0	-16	2	84	0	-18	3	11	692		4	-44	741	
6.625	1	839	0	-23	2	45	0	-20	3	8	686		4	-54	782	
6.650	1	776	0	-28	2	3	0	-23	3	2	466		4	-56	673	
6.700	1	624	0	-49	2	-100	0	-29	3	-6	358		4	-68	551	
6.750	1	435	0	-43	2	-226	0	-37	3	-5	249		4	-77	394	

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)
 MULTI LANE WITH IMPACT
 LL CASE: 3 NAME: MaineDOT_Config-1

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
6.767	1	357	0	-67	2	-288	0	-47	3	-15	126	4	-82	314
6.800	1	216	0	-50	2	-434	0	-56	3	-17	81	4	-85	100
6.850	1	8	0	-57	2	-673	0	-70	3	-26	-86	4	-100	-146
6.875	1	-107	0	-69	2	-835	0	-93	3	-31	-207	4	-108	-296
6.900	1	-236	0	-57	2	-1023	0	-96	3	-33	-272	4	-110	-510
6.950	3	-435	0	-40	2	-1450	0	-108	3	-40	-435	4	-124	-895
7.000	3	-605	0	-45	2	-1904	0	-118	3	-45	-605	4	-140	-1318
7.000	1	-606	0	51	2	-1905	0	125	3	139	-1294	4	51	-607
7.050	1	-449	0	47	2	-1524	0	115	3	132	-889	4	47	-500
7.100	1	-301	0	54	2	-1169	0	100	3	121	-557	4	40	-356
7.125	1	-213	0	51	2	-1009	0	99	3	113	-420	4	37	-280
7.150	1	-110	0	64	2	-858	0	82	3	110	-261	4	32	-173
7.156	1	-81	0	71	2	-826	0	81	3	109	-218	4	31	-144
7.200	1	81	0	45	2	-634	0	63	3	94	-53	4	26	-14
7.250	1	266	0	52	2	-435	0	52	3	84	164	4	18	124
7.280	1	371	0	60	2	-343	0	46	3	81	322	4	16	157
7.300	1	447	0	48	2	-290	0	39	3	78	392	4	11	244
7.312	1	492	0	63	2	-260	0	36	3	83	453	4	16	387
7.350	1	616	0	44	2	-177	0	33	3	71	501	4	12	485
7.400	1	755	0	35	2	-78	0	29	3	61	625	4	5	602
7.450	1	860	0	20	2	8	0	24	3	55	762	4	-1	705
7.469	1	895	0	22	2	35	0	23	3	53	827	4	-5	751
7.500	1	941	0	18	2	79	0	20	3	44	788	4	-8	792
7.550	1	994	0	7	2	133	0	15	3	36	810	4	-15	860
7.600	1	1033	0	6	2	176	0	11	3	30	856	4	-22	906
7.625	1	1048	0	3	2	191	0	9	3	26	898	4	-29	933
7.643	1	1048	0	7	2	200	0	7	3	23	840	4	-30	949
7.650	1	1042	0	-11	2	203	0	6	3	20	754	4	-30	972
7.664	1	1033	0	-5	2	208	0	5	3	19	772	4	-32	944
7.700	1	1025	0	-13	2	216	0	2	3	17	690	4	-38	962
7.703	1	1025	0	-10	2	216	0	1	3	17	656	4	-43	975
7.750	1	960	0	-37	2	214	0	-3	3	10	587	4	-50	914
7.800	1	859	0	-46	2	198	0	-7	3	-1	450	4	-58	826
7.850	1	712	0	-62	2	168	0	-11	3	-8	356	4	-68	699
7.852	1	706	0	-57	2	167	0	-11	3	-8	356	4	-68	693
7.889	1	571	0	-58	2	136	0	-14	3	-11	333	4	-78	571
7.900	1	528	0	-79	2	126	0	-15	3	-13	293	4	-79	528
7.905	1	510	0	-61	2	121	0	-16	3	-13	289	4	-81	510
7.950	1	296	0	-91	2	70	0	-20	2	-20	70	1	-91	296
7.958	1	252	0	-92	2	60	0	-20	2	-20	60	1	-92	252
8.000	1	1	0	-45	2	-11	0	-62	3	-24	0	4	-96	-3
8.000	1	1	0	-46	2	-11	0	-62	3	-24	0	4	-102	-4
8.000	1	0	0	1	2	-9	0	18	3	23	-1	4	1	0
8.375	1	0	0	0	2	-5	0	13	3	13	-5	4	0	0
9.000	1	0	0	0	2	0	0	0	3	13	0	1	0	0

STRENGTH-I LEGAL
 MULTI LANE WITH IMPACT
 LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	0	0	0	2	-1	0	0	3	0	0	4	-20	0
0.625	1	0	0	0	2	-9	0	-20	3	0	0	2	-20	-9
1.000	1	0	0	0	2	-14	0	-20	3	0	0	4	-21	-6
1.000	1	1	0	41	2	-14	0	59	3	93	-1	4	18	0
1.000	1	1	0	41	2	-13	0	44	3	90	0	4	18	0

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.049	1	234	0	84	2	43	0	14	1	84	234	2	14	43		
1.050	1	234	0	64	2	44	0	14	3	83	232	4	14	44		
1.100	1	416	0	72	2	78	0	10	3	72	416	2	10	78		
1.109	1	453	0	51	2	83	0	9	3	72	453	4	9	172		
1.127	1	509	0	48	2	92	0	8	3	68	508	4	6	198		
1.143	1	547	0	49	2	99	0	7	3	61	520	4	5	204		
1.150	1	563	0	49	2	102	0	7	3	61	540	4	5	206		
1.200	1	680	0	39	2	115	0	3	3	51	632	4	-2	363		
1.250	1	765	0	28	2	118	0	-1	3	42	694	4	-10	432		
1.286	1	820	0	30	2	114	0	-4	3	43	766	4	-13	619		
1.300	1	827	0	15	2	111	0	-5	3	38	731	4	-13	608		
1.343	1	862	0	0	2	95	0	-8	3	30	705	4	-20	689		
1.350	1	863	0	9	2	92	0	-9	3	30	715	4	-20	684		
1.400	1	871	0	-9	2	62	0	-13	3	23	708	4	-29	711		
1.450	1	854	0	-3	2	22	0	-17	3	17	703	4	-37	714		
1.464	1	851	0	-24	2	8	0	-18	3	16	716	4	-42	747		
1.500	1	806	0	-28	2	-30	0	-21	3	9	625	4	-45	686		
1.550	1	736	0	-31	2	-92	0	-24	3	3	576	4	-53	630		
1.600	1	638	0	-45	2	-165	0	-28	3	-4	458	4	-61	546		
1.643	1	543	0	-44	2	-237	0	-34	3	-1	290	4	-66	482		
1.650	1	523	0	-51	2	-251	0	-35	3	-4	238	4	-66	458		
1.690	1	416	0	-56	2	-332	0	-41	3	-12	159	4	-73	355		
1.700	1	387	0	-56	2	-356	0	-42	3	-11	152	4	-73	317		
1.750	1	237	0	-48	2	-480	0	-48	3	-16	69	4	-81	170		
1.800	1	66	0	-71	2	-626	0	-59	3	-25	-81	4	-90	1		
1.821	1	-7	0	-57	2	-700	0	-63	3	-26	-112	4	-92	-108		
1.850	1	-117	0	-67	2	-803	0	-66	3	-31	-211	4	-100	-211		
1.893	1	-247	0	-60	2	-993	0	-86	3	-38	-307	4	-110	-418		
1.900	1	-268	0	-38	2	-1027	0	-87	3	-38	-322	4	-110	-460		
1.950	1	-380	0	-42	2	-1277	0	-98	1	-42	-380	4	-121	-733		
2.000	1	-502	0	-46	2	-1548	0	-104	1	-46	-502	4	-130	-1050		
2.000	4	-502	0	43	2	-1547	0	105	3	133	-1144	1	43	-502		
2.050	1	-341	0	38	2	-1160	0	93	3	122	-704	4	38	-342		
2.075	1	-265	0	56	2	-977	0	87	3	116	-497	4	35	-269		
2.100	1	-152	0	64	2	-805	0	84	3	109	-321	4	33	-201		
2.125	1	-19	0	68	2	-653	0	70	3	104	-126	4	28	-94		
2.150	1	91	0	67	2	-517	0	66	3	96	-4	4	26	-40		
2.200	1	327	0	61	2	-272	0	57	3	84	246	4	19	123		
2.201	1	331	0	65	2	-224	0	38	3	84	252	4	19	124		
2.250	1	550	0	56	2	-85	0	30	3	80	487	4	12	429		
2.300	1	731	0	47	2	26	0	25	3	67	628	4	7	501		
2.350	1	877	0	35	2	114	0	19	3	57	760	4	-2	635		
2.375	1	944	0	28	2	150	0	17	3	52	847	4	-11	772		
2.400	1	983	0	31	2	180	0	14	3	48	880	4	-12	748		
2.450	1	1023	0	15	2	210	0	-3	3	36	885	4	-21	776		
2.483	1	1029	0	1	2	197	0	-7	3	28	839	4	-29	875		
2.500	1	1039	0	-1	2	186	0	-9	3	32	875	4	-30	919		
2.550	1	1008	0	-4	2	141	0	-14	3	20	808	4	-36	825		
2.600	1	946	0	-16	2	72	0	-21	3	11	745	4	-46	772		
2.625	1	905	0	-20	2	29	0	-23	3	8	740	4	-56	808		
2.650	1	834	0	-27	2	-20	0	-26	3	2	644	4	-58	694		
2.700	1	673	0	-48	2	-134	0	-32	3	-7	497	4	-69	566		
2.750	1	474	0	-54	2	-271	0	-40	3	-6	246	4	-78	411		
2.765	1	409	0	-42	2	-329	0	-54	3	-10	203	4	-80	316		
2.800	1	253	0	-48	2	-493	0	-64	3	-17	95	4	-85	116		
2.850	1	0	0	-70	2	-774	0	-76	3	-28	-112	4	-100	-115		
2.875	1	-126	0	-71	2	-928	0	-79	3	-35	-248	4	-107	-264		
2.888	1	-197	0	-65	2	-1008	0	-80	3	-37	-284	4	-109	-372		
2.900	1	-249	0	-52	2	-1092	0	-87	3	-38	-329	4	-110	-477		
2.950	1	-453	0	-47	2	-1486	0	-103	3	-45	-515	4	-124	-867		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
3.000	1	-650	0	-52	2	-1922	0	-117	3	-50	-702	4	-139	-1292
3.000	4	-650	0	46	2	-1921	0	112	3	136	-1311	4	46	-650
3.050	1	-478	0	41	2	-1491	0	101	3	125	-854	4	41	-479
3.100	1	-270	0	65	2	-1103	0	92	3	112	-461	4	35	-327
3.112	1	-197	0	73	2	-1019	0	80	3	110	-350	4	34	-292
3.125	1	-132	0	63	2	-940	0	78	3	107	-260	4	30	-211
3.150	1	-19	0	70	2	-790	0	73	3	100	-131	4	29	-153
3.200	1	226	0	63	2	-513	0	65	3	88	128	4	21	22
3.245	1	423	0	58	2	-308	0	43	3	78	352	4	11	158
3.250	1	445	0	59	2	-292	0	36	3	83	381	4	15	338
3.300	1	638	0	49	2	-161	0	30	3	70	533	4	9	420
3.350	1	794	0	38	2	-52	0	24	3	59	676	4	0	564
3.375	1	866	0	31	2	-6	0	22	3	55	768	4	-9	704
3.400	1	901	0	26	2	35	0	19	3	49	772	4	-10	685
3.450	1	960	0	18	2	98	0	13	3	39	822	4	-19	746
3.500	1	987	0	2	2	133	0	0	3	34	867	4	-28	830
3.504	1	985	0	-7	2	133	0	0	3	32	838	4	-28	820
3.550	1	966	0	-2	2	101	0	-12	3	23	770	4	-34	783
3.600	1	913	0	-13	2	41	0	-18	3	13	716	4	-44	740
3.625	1	878	0	-18	2	2	0	-21	3	10	714	4	-54	780
3.650	1	811	0	-25	2	-41	0	-24	3	4	623	4	-55	672
3.700	1	660	0	-37	2	-147	0	-29	3	-5	484	4	-67	551
3.750	1	470	0	-52	2	-275	0	-37	3	-4	243	4	-76	407
3.765	1	409	0	-39	2	-328	0	-52	3	-8	202	4	-78	318
3.800	1	258	0	-46	2	-487	0	-62	3	-15	100	4	-83	122
3.850	1	14	0	-68	2	-758	0	-73	3	-26	-98	4	-97	-99
3.875	1	-108	0	-69	2	-908	0	-76	3	-32	-218	4	-105	-243
3.888	1	-177	0	-63	2	-985	0	-78	3	-33	-250	4	-106	-349
3.900	1	-226	0	-49	2	-1067	0	-85	3	-34	-291	4	-107	-452
3.950	1	-421	0	-44	2	-1451	0	-100	3	-40	-444	4	-121	-831
4.000	1	-603	0	-47	2	-1877	0	-115	3	-45	-611	4	-137	-1247
4.000	1	-603	0	47	2	-1876	0	112	3	136	-1263	4	46	-609
4.050	1	-421	0	45	2	-1450	0	101	3	124	-810	4	40	-441
4.100	1	-226	0	50	2	-1064	0	91	3	111	-420	4	35	-292
4.113	1	-162	0	72	2	-981	0	79	3	109	-309	4	33	-258
4.125	1	-97	0	62	2	-903	0	78	3	107	-220	4	30	-177
4.150	1	25	0	57	2	-754	0	73	3	99	-95	4	26	-66
4.200	1	256	0	63	2	-480	0	64	3	87	163	4	21	52
4.232	1	395	0	56	2	-322	0	40	3	78	307	4	11	175
4.250	1	477	0	58	2	-267	0	35	3	82	414	4	14	364
4.300	1	667	0	48	2	-138	0	29	3	69	563	4	8	445
4.350	1	820	0	37	2	-32	0	24	3	59	702	4	-1	586
4.375	1	890	0	30	2	13	0	21	3	54	793	4	-9	725
4.400	1	924	0	26	2	53	0	18	3	48	795	4	-11	705
4.450	1	980	0	17	2	114	0	12	3	38	842	4	-19	746
4.499	1	1003	0	7	2	147	0	0	3	28	842	4	-29	801
4.500	1	1004	0	1	2	147	0	0	3	33	843	4	-28	885
4.550	1	980	0	-3	2	113	0	-12	3	22	782	4	-34	797
4.600	1	924	0	-14	2	51	0	-19	3	13	725	4	-45	751
4.625	1	887	0	-18	2	10	0	-21	3	9	722	4	-55	790
4.650	1	818	0	-25	2	-35	0	-24	3	3	629	4	-56	680
4.700	1	664	0	-46	2	-143	0	-30	3	-6	488	4	-68	556
4.750	1	471	0	-52	2	-273	0	-38	3	-5	244	4	-77	409
4.765	1	408	0	-40	2	-329	0	-52	3	-9	203	4	-78	316
4.800	1	257	0	-46	2	-488	0	-63	3	-15	99	4	-84	121
4.850	1	10	0	-68	2	-762	0	-74	3	-27	-102	4	-98	-104
4.875	1	-113	0	-70	2	-913	0	-77	3	-32	-223	4	-106	-249
4.888	1	-182	0	-64	2	-991	0	-79	3	-34	-256	4	-107	-355
4.900	1	-232	0	-50	2	-1074	0	-86	3	-34	-297	4	-108	-459

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
4.950	1	-430	0	-45	2	-1462	0	-101	3	-40	-452	4	-122	-842
5.000	1	-614	0	-48	2	-1891	0	-115	3	-46	-621	4	-137	-1260
5.000	1	-614	0	47	2	-1890	0	112	3	136	-1276	4	46	-621
5.050	1	-431	0	45	2	-1462	0	101	3	124	-822	4	40	-453
5.100	1	-236	0	50	2	-1076	0	92	3	111	-431	4	35	-302
5.113	1	-172	0	73	2	-993	0	79	3	110	-321	4	34	-268
5.125	1	-107	0	62	2	-914	0	78	3	107	-231	4	30	-187
5.150	1	12	0	77	2	-765	0	73	3	100	-86	4	28	-130
5.200	1	247	0	63	2	-491	0	65	3	87	153	4	21	43
5.236	1	403	0	54	2	-319	0	43	3	78	321	4	11	170
5.250	1	468	0	58	2	-276	0	35	3	82	404	4	14	357
5.300	1	658	0	49	2	-146	0	30	3	69	554	4	8	438
5.350	1	812	0	37	2	-39	0	24	3	59	694	4	-1	579
5.375	1	882	0	30	2	6	0	21	3	55	785	4	-9	719
5.400	1	916	0	26	2	46	0	19	3	48	787	4	-11	698
5.450	1	974	0	18	2	108	0	12	3	38	835	4	-19	744
5.500	1	998	0	1	2	142	0	0	3	34	878	4	-28	839
5.550	1	974	0	-2	2	109	0	-12	3	22	778	4	-34	791
5.600	1	919	0	-14	2	47	0	-19	3	13	721	4	-44	746
5.625	1	882	0	-18	2	7	0	-21	3	9	719	4	-55	785
5.650	1	814	0	-25	2	-38	0	-24	3	3	626	4	-56	676
5.700	1	661	0	-37	2	-145	0	-30	3	-6	485	4	-67	551
5.750	1	469	0	-52	2	-275	0	-38	3	-5	242	4	-76	407
5.764	1	409	0	-40	2	-327	0	-52	3	-8	202	4	-78	320
5.800	1	256	0	-46	2	-489	0	-63	3	-15	98	4	-83	119
5.850	1	9	0	-68	2	-763	0	-74	3	-26	-103	4	-98	-105
5.875	1	-113	0	-69	2	-913	0	-77	3	-32	-223	4	-105	-250
5.888	1	-183	0	-64	2	-991	0	-79	3	-33	-256	4	-107	-356
5.900	1	-242	0	-56	2	-1074	0	-85	3	-34	-297	4	-108	-460
5.950	1	-445	0	-43	2	-1460	0	-101	3	-40	-451	4	-122	-841
6.000	1	-620	0	-46	2	-1889	0	-115	3	-46	-620	4	-137	-1259
6.000	1	-620	0	50	2	-1888	0	112	3	136	-1275	4	47	-643
6.050	1	-429	0	45	2	-1460	0	101	3	125	-820	4	42	-469
6.100	1	-234	0	50	2	-1073	0	92	3	111	-429	4	36	-299
6.112	1	-170	0	73	2	-991	0	80	3	110	-318	4	34	-264
6.125	1	-105	0	62	2	-912	0	78	3	107	-229	4	30	-176
6.150	1	15	0	77	2	-763	0	73	3	101	-80	4	29	-131
6.200	1	250	0	63	2	-488	0	65	3	87	156	4	21	46
6.235	1	400	0	55	2	-320	0	44	3	78	315	4	11	172
6.250	1	471	0	58	2	-273	0	35	3	83	408	4	14	360
6.300	1	662	0	49	2	-143	0	30	3	70	558	4	8	441
6.350	1	816	0	37	2	-35	0	24	3	59	698	4	0	583
6.375	1	887	0	30	2	11	0	22	3	55	789	4	-9	723
6.400	1	921	0	26	2	51	0	19	3	48	792	4	-11	703
6.450	1	979	0	18	2	113	0	12	3	38	839	4	-19	752
6.500	1	1003	0	1	2	151	0	7	3	34	883	4	-28	844
6.501	1	1003	0	-7	2	152	0	7	3	32	845	4	-28	843
6.550	1	980	0	-2	2	145	0	-11	3	22	783	4	-34	797
6.600	1	926	0	-14	2	88	0	-18	3	13	726	4	-44	752
6.625	1	889	0	-18	2	51	0	-20	3	9	724	4	-54	792
6.650	1	821	0	-25	2	8	0	-23	3	4	631	4	-56	683
6.700	1	669	0	-46	2	-94	0	-29	3	-6	491	4	-68	568
6.750	1	477	0	-52	2	-219	0	-37	3	-4	250	4	-76	415
6.767	1	401	0	-62	2	-286	0	-48	3	-15	126	4	-80	339
6.800	1	254	0	-48	2	-430	0	-62	3	-17	81	4	-83	128
6.850	1	16	0	-68	2	-693	0	-69	3	-26	-96	4	-98	-95
6.875	1	-107	0	-69	2	-836	0	-73	3	-32	-223	4	-105	-241
6.900	1	-236	0	-55	2	-1000	0	-88	3	-34	-290	4	-108	-450
6.950	1	-438	0	-40	2	-1372	0	-100	3	-40	-439	4	-121	-832

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 4 NAME: MaineDOT_Config-2

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.000	1	-609	0	-45	2	-1786	0	-109	3	-45	-610	4	-137	-1247
7.000	1	-609	0	51	2	-1785	0	116	3	136	-1239	1	51	-609
7.050	1	-453	0	47	2	-1443	0	103	3	129	-842	1	47	-453
7.100	1	-302	0	54	2	-1130	0	93	3	118	-515	4	41	-368
7.125	1	-215	0	51	2	-986	0	86	3	111	-373	4	38	-293
7.150	1	-110	0	64	2	-858	0	76	3	108	-218	4	33	-189
7.156	1	-81	0	69	2	-828	0	75	3	107	-176	4	32	-158
7.200	1	103	0	57	2	-627	0	68	3	93	-30	4	26	-20
7.250	1	298	0	48	2	-432	0	52	3	83	179	4	18	124
7.280	1	408	0	63	2	-336	0	45	3	81	336	4	16	157
7.300	1	482	0	46	2	-284	0	39	3	78	404	4	10	242
7.312	1	529	0	61	2	-253	0	36	3	83	466	4	16	399
7.350	1	657	0	43	2	-170	0	33	3	71	513	4	11	506
7.400	1	802	0	33	2	-71	0	29	3	63	643	4	4	636
7.450	1	916	0	24	2	14	0	24	3	57	788	4	-3	744
7.469	1	954	0	25	2	42	0	23	3	56	856	4	-6	791
7.500	1	1000	0	14	2	84	0	20	3	48	828	4	-10	829
7.550	1	1060	0	5	2	140	0	15	3	39	852	4	-16	889
7.600	1	1093	0	1	2	181	0	11	3	33	898	4	-23	927
7.625	1	1104	0	-5	2	196	0	8	3	29	941	4	-30	950
7.643	1	1099	0	3	2	204	0	7	3	25	876	4	-31	964
7.650	1	1091	0	-15	2	207	0	6	3	21	770	4	-31	985
7.664	1	1078	0	-11	2	212	0	5	3	20	789	4	-32	956
7.700	1	1061	0	-4	2	219	0	2	3	18	705	4	-39	975
7.703	1	1060	0	-20	2	220	0	1	3	17	659	4	-43	984
7.750	1	980	0	-36	2	216	0	-3	3	10	587	4	-50	919
7.800	1	862	0	-46	2	200	0	-7	3	-2	436	4	-58	828
7.850	1	709	0	-61	2	170	0	-11	3	-9	268	4	-69	703
7.852	1	703	0	-62	2	169	0	-12	3	-10	267	4	-69	696
7.889	1	570	0	-57	2	138	0	-15	3	-13	240	4	-78	569
7.900	1	526	0	-79	2	127	0	-16	3	-14	212	4	-79	526
7.905	1	508	0	-60	2	122	0	-16	3	-14	208	4	-80	508
7.950	1	294	0	-90	2	70	0	-20	2	-20	70	1	-90	294
7.958	1	250	0	-91	2	60	0	-20	2	-20	60	1	-91	250
8.000	1	1	0	-51	2	-10	0	-68	3	-24	0	4	-95	-3
8.000	1	1	0	-43	2	-11	0	-68	3	-24	0	4	-101	-3
8.000	1	0	0	1	2	-7	0	16	3	20	-1	4	1	0
8.375	1	0	0	0	2	-5	0	11	2	11	-5	4	0	0
9.000	1	0	0	0	2	0	0	0	3	11	0	1	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	0	0	0	2	-1	0	0	3	0	0	4	-19	0
0.625	1	0	0	0	2	-8	0	-19	3	0	0	4	-20	-8
1.000	1	0	0	0	2	-13	0	-20	3	0	0	4	-21	-6
1.000	1	1	0	42	2	-13	0	70	3	94	-1	4	18	0
1.000	1	1	0	42	2	-13	0	43	3	91	0	4	18	0
1.049	1	236	0	85	2	43	0	14	1	85	236	2	14	43
1.050	1	236	0	65	2	44	0	14	3	83	233	4	14	44
1.100	1	420	0	73	2	78	0	10	3	73	420	2	10	78
1.109	1	457	0	52	2	83	0	10	3	72	457	4	9	172
1.127	1	513	0	48	2	92	0	8	3	69	513	4	6	198
1.143	1	553	0	49	2	98	0	7	3	61	525	4	5	204

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
1.150	1	569	0	49	2	101	0	7	3	61	546	4	5	206
1.200	1	688	0	40	2	115	0	3	3	52	639	4	-2	363
1.250	1	775	0	29	2	118	0	-1	3	43	703	4	-10	432
1.286	1	831	0	31	2	113	0	-4	3	44	776	4	-13	618
1.300	1	839	0	17	2	110	0	-5	3	39	740	4	-13	607
1.343	1	876	0	1	2	94	0	-8	3	30	713	4	-20	687
1.350	1	878	0	10	2	91	0	-9	3	31	723	4	-20	679
1.400	1	885	0	-8	2	61	0	-13	3	23	712	4	-28	701
1.450	1	869	0	-3	2	20	0	-17	3	17	704	4	-36	706
1.464	1	866	0	-16	2	7	0	-18	3	16	718	4	-41	740
1.500	1	821	0	-28	2	-31	0	-21	3	9	620	4	-45	682
1.550	1	750	0	-30	2	-94	0	-24	3	3	570	4	-53	633
1.600	1	649	0	-43	2	-167	0	-28	3	-5	452	4	-62	553
1.643	1	552	0	-45	2	-239	0	-34	3	-2	290	4	-67	489
1.650	1	532	0	-53	2	-252	0	-34	3	-4	238	4	-67	464
1.690	1	422	0	-57	2	-337	0	-41	3	-12	159	4	-74	359
1.700	1	392	0	-57	2	-361	0	-42	3	-11	152	4	-74	320
1.750	1	239	0	-50	2	-485	0	-47	3	-16	69	4	-83	169
1.800	1	61	0	-70	2	-632	0	-64	3	-25	-81	4	-92	-2
1.821	1	-13	0	-52	2	-712	0	-69	3	-26	-112	4	-94	-113
1.850	1	-117	0	-67	2	-831	0	-81	3	-31	-211	4	-101	-216
1.893	1	-247	0	-60	2	-1041	0	-96	3	-38	-307	4	-111	-423
1.900	1	-267	0	-38	2	-1078	0	-96	3	-38	-322	4	-111	-464
1.950	1	-379	0	-42	2	-1361	0	-106	1	-42	-379	4	-122	-736
2.000	1	-501	0	-46	2	-1671	0	-115	1	-46	-501	4	-130	-1051
2.000	1	-501	0	43	2	-1670	0	112	3	133	-1163	1	43	-501
2.050	1	-341	0	38	2	-1245	0	101	3	122	-690	4	38	-342
2.075	1	-265	0	56	2	-1048	0	96	3	116	-484	4	35	-268
2.100	1	-152	0	64	2	-861	0	91	3	109	-312	4	33	-200
2.125	1	-19	0	68	2	-687	0	85	3	104	-118	4	28	-93
2.150	1	88	0	66	2	-531	0	75	3	96	2	4	26	-40
2.200	1	320	0	67	2	-271	0	59	3	85	249	4	19	123
2.201	1	325	0	71	2	-238	0	38	3	85	255	4	19	124
2.250	1	553	0	46	2	-97	0	31	3	81	490	4	12	425
2.300	1	736	0	47	2	15	0	25	3	68	630	4	7	497
2.350	1	883	0	36	2	105	0	20	3	57	763	4	-2	631
2.375	1	950	0	29	2	141	0	17	3	53	850	4	-11	772
2.400	1	990	0	32	2	172	0	14	3	49	885	4	-12	749
2.450	1	1032	0	15	2	209	0	2	3	37	892	4	-21	781
2.483	1	1038	0	6	2	196	0	-7	3	29	848	4	-30	883
2.500	1	1048	0	-1	2	185	0	-9	3	33	884	4	-31	928
2.550	1	1017	0	-7	2	140	0	-14	3	21	817	4	-37	831
2.600	1	953	0	-16	2	71	0	-21	3	11	749	4	-47	777
2.625	1	911	0	-21	2	27	0	-23	3	8	742	4	-57	812
2.650	1	840	0	-28	2	-22	0	-26	3	2	639	4	-58	698
2.700	1	678	0	-49	2	-136	0	-32	3	-8	488	4	-70	569
2.750	1	478	0	-56	2	-273	0	-40	3	-7	246	4	-79	414
2.765	1	411	0	-44	2	-324	0	-46	3	-10	204	4	-80	319
2.800	1	250	0	-52	2	-470	0	-57	3	-17	95	4	-86	118
2.850	1	-3	0	-65	2	-756	0	-77	3	-28	-112	4	-100	-108
2.875	1	-126	0	-71	2	-927	0	-92	3	-35	-247	4	-107	-256
2.888	1	-197	0	-65	2	-1020	0	-97	3	-36	-283	4	-109	-364
2.900	1	-248	0	-52	2	-1118	0	-100	3	-37	-328	4	-110	-470
2.950	1	-452	0	-47	2	-1544	0	-112	3	-45	-510	4	-123	-855
3.000	1	-649	0	-52	2	-2015	0	-122	3	-50	-697	4	-139	-1309
3.000	4	-649	0	46	2	-2015	0	123	3	136	-1328	1	46	-649
3.050	1	-478	0	41	2	-1550	0	111	3	125	-841	4	41	-478
3.100	1	-270	0	65	2	-1131	0	100	3	112	-453	4	35	-326
3.112	1	-197	0	73	2	-1032	0	97	3	110	-342	4	34	-292

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)			V (kips)	COR M (ft-k)	
3.125	1	-132	0	63	2	-941	0	89	3	107	-252	4	30	-211		
3.150	1	-22	0	69	2	-771	0	81	3	100	-125	4	29	-152		
3.200	1	219	0	69	2	-490	0	55	3	88	131	4	21	22		
3.245	1	426	0	60	2	-310	0	43	3	78	355	4	11	158		
3.250	1	449	0	49	2	-295	0	36	3	84	384	4	15	334		
3.300	1	643	0	50	2	-163	0	30	3	70	535	4	9	415		
3.350	1	799	0	38	2	-54	0	24	3	60	679	4	0	559		
3.375	1	871	0	32	2	-7	0	22	3	56	771	4	-9	706		
3.400	1	908	0	29	2	33	0	19	3	50	776	4	-10	687		
3.450	1	970	0	18	2	97	0	13	3	39	828	4	-20	754		
3.500	1	996	0	2	2	132	0	0	3	35	876	4	-28	839		
3.504	1	994	0	-7	2	132	0	0	3	32	847	4	-29	829		
3.550	1	974	0	-4	2	100	0	-12	3	23	779	4	-34	789		
3.600	1	919	0	-14	2	40	0	-18	3	13	719	4	-44	744		
3.625	1	883	0	-18	2	1	0	-21	3	10	716	4	-55	784		
3.650	1	817	0	-25	2	-43	0	-24	3	4	618	4	-56	675		
3.700	1	664	0	-37	2	-149	0	-29	3	-6	476	4	-67	553		
3.750	1	474	0	-54	2	-276	0	-37	3	-4	243	4	-76	410		
3.765	1	411	0	-42	2	-324	0	-43	3	-8	204	4	-78	320		
3.800	1	255	0	-50	2	-463	0	-54	3	-15	100	4	-83	124		
3.850	1	11	0	-63	2	-740	0	-75	3	-26	-98	4	-97	-93		
3.875	1	-108	0	-69	2	-906	0	-89	3	-32	-218	4	-105	-236		
3.888	1	-177	0	-63	2	-997	0	-94	3	-33	-250	4	-106	-341		
3.900	1	-225	0	-49	2	-1092	0	-98	3	-34	-291	4	-107	-444		
3.950	1	-420	0	-44	2	-1509	0	-110	3	-40	-443	4	-121	-819		
4.000	1	-601	0	-47	2	-1970	0	-120	3	-45	-609	4	-137	-1263		
4.000	1	-601	0	47	2	-1970	0	122	3	136	-1280	4	46	-608		
4.050	1	-420	0	45	2	-1508	0	110	3	124	-797	4	40	-440		
4.100	1	-226	0	50	2	-1091	0	99	3	111	-411	4	35	-291		
4.113	1	-162	0	72	2	-993	0	94	3	109	-301	4	33	-257		
4.125	1	-97	0	62	2	-903	0	88	3	107	-212	4	30	-176		
4.150	1	22	0	52	2	-735	0	81	3	99	-89	4	26	-66		
4.200	1	249	0	69	2	-457	0	54	3	87	166	4	21	52		
4.232	1	397	0	58	2	-324	0	39	3	79	309	4	11	175		
4.250	1	481	0	48	2	-269	0	35	3	83	416	4	14	360		
4.300	1	672	0	49	2	-140	0	29	3	70	564	4	8	440		
4.350	1	825	0	38	2	-33	0	24	3	59	705	4	-1	582		
4.375	1	896	0	31	2	12	0	21	3	55	796	4	-9	728		
4.400	1	931	0	28	2	51	0	18	3	49	799	4	-11	707		
4.450	1	990	0	17	2	113	0	13	3	39	848	4	-20	752		
4.499	1	1012	0	7	2	146	0	0	3	29	852	4	-30	809		
4.500	1	1013	0	1	2	146	0	0	3	34	852	4	-29	895		
4.550	1	989	0	-5	2	112	0	-12	3	23	791	4	-35	803		
4.600	1	930	0	-14	2	49	0	-19	3	13	728	4	-45	755		
4.625	1	892	0	-19	2	8	0	-22	3	9	724	4	-55	794		
4.650	1	824	0	-26	2	-37	0	-24	3	3	625	4	-57	683		
4.700	1	669	0	-47	2	-145	0	-30	3	-6	480	4	-68	559		
4.750	1	476	0	-54	2	-275	0	-38	3	-5	244	4	-77	412		
4.765	1	411	0	-42	2	-324	0	-44	3	-9	204	4	-79	319		
4.800	1	254	0	-51	2	-464	0	-55	3	-15	99	4	-84	123		
4.850	1	7	0	-63	2	-744	0	-75	3	-27	-102	4	-98	-97		
4.875	1	-113	0	-70	2	-912	0	-90	3	-32	-222	4	-106	-242		
4.888	1	-182	0	-64	2	-1004	0	-95	3	-34	-255	4	-107	-348		
4.900	1	-232	0	-50	2	-1100	0	-98	3	-34	-297	4	-108	-452		
4.950	1	-429	0	-45	2	-1520	0	-110	3	-40	-451	4	-122	-830		
5.000	1	-613	0	-48	2	-1983	0	-121	3	-46	-620	4	-137	-1277		
5.000	1	-613	0	47	2	-1983	0	122	3	136	-1293	4	46	-620		
5.050	1	-430	0	45	2	-1520	0	110	3	124	-809	4	40	-452		
5.100	1	-236	0	50	2	-1103	0	99	3	111	-423	4	35	-302		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
5.113	1	-172	0	73	2	-1005	0	95	3	110	-313	4	33	-267		
5.125	1	-107	0	62	2	-915	0	88	3	107	-224	4	30	-187		
5.150	1	9	0	72	2	-746	0	81	3	100	-79	4	28	-129		
5.200	1	240	0	69	2	-467	0	55	3	87	156	4	21	43		
5.236	1	404	0	60	2	-320	0	43	3	78	323	4	11	170		
5.250	1	472	0	48	2	-277	0	35	3	83	407	4	14	352		
5.300	1	663	0	49	2	-148	0	30	3	70	556	4	9	433		
5.350	1	817	0	38	2	-40	0	24	3	59	696	4	0	575		
5.375	1	888	0	31	2	5	0	21	3	55	788	4	-9	721		
5.400	1	923	0	29	2	45	0	18	3	49	792	4	-11	700		
5.450	1	983	0	17	2	107	0	13	3	39	841	4	-20	751		
5.500	1	1007	0	1	2	141	0	0	3	34	887	4	-29	849		
5.550	1	983	0	-5	2	107	0	-12	3	23	786	4	-35	798		
5.600	1	925	0	-14	2	45	0	-19	3	13	724	4	-45	750		
5.625	1	888	0	-19	2	5	0	-21	3	9	721	4	-55	789		
5.650	1	820	0	-26	2	-40	0	-24	3	3	621	4	-56	679		
5.700	1	666	0	-38	2	-147	0	-30	3	-6	477	4	-68	553		
5.750	1	473	0	-54	2	-276	0	-38	3	-5	242	4	-77	409		
5.764	1	412	0	-42	2	-323	0	-43	3	-9	203	4	-78	322		
5.800	1	252	0	-50	2	-466	0	-55	3	-15	98	4	-84	121		
5.850	1	6	0	-63	2	-745	0	-75	3	-26	-103	4	-98	-99		
5.875	1	-113	0	-69	2	-913	0	-90	3	-32	-223	4	-105	-242		
5.888	1	-183	0	-64	2	-1004	0	-95	3	-33	-256	4	-107	-349		
5.900	1	-241	0	-50	2	-1100	0	-98	3	-34	-297	4	-108	-452		
5.950	1	-442	0	-42	2	-1519	0	-110	3	-40	-450	4	-122	-829		
6.000	1	-619	0	-46	2	-1982	0	-121	1	-46	-619	4	-137	-1276		
6.000	1	-619	0	50	2	-1982	0	122	3	136	-1292	4	47	-638		
6.050	1	-428	0	45	2	-1518	0	110	3	124	-807	4	41	-465		
6.100	1	-234	0	50	2	-1101	0	100	3	111	-421	4	36	-297		
6.112	1	-170	0	73	2	-1002	0	95	3	110	-310	4	34	-262		
6.125	1	-105	0	62	2	-912	0	89	3	107	-221	4	30	-176		
6.150	1	13	0	72	2	-743	0	81	3	101	-73	4	29	-130		
6.200	1	243	0	69	2	-464	0	55	3	87	159	4	21	46		
6.235	1	400	0	60	2	-322	0	43	3	79	318	4	11	172		
6.250	1	475	0	48	2	-274	0	35	3	83	411	4	14	355		
6.300	1	667	0	49	2	-144	0	30	3	70	560	4	9	436		
6.350	1	822	0	38	2	-36	0	24	3	59	701	4	0	579		
6.375	1	893	0	31	2	9	0	21	3	55	793	4	-9	725		
6.400	1	928	0	29	2	49	0	19	3	49	796	4	-11	705		
6.450	1	988	0	18	2	112	0	13	3	39	846	4	-20	759		
6.500	1	1012	0	1	2	151	0	7	3	34	892	4	-29	853		
6.501	1	1012	0	-7	2	151	0	7	3	32	854	4	-29	852		
6.550	1	989	0	-5	2	139	0	-11	3	23	791	4	-35	804		
6.600	1	932	0	-14	2	82	0	-18	3	13	729	4	-45	757		
6.625	1	895	0	-18	2	44	0	-20	3	9	725	4	-55	796		
6.650	1	827	0	-26	2	1	0	-23	3	3	626	4	-56	686		
6.700	1	674	0	-47	2	-103	0	-29	3	-6	484	4	-68	571		
6.750	1	481	0	-54	2	-229	0	-37	3	-5	250	4	-76	417		
6.767	1	404	0	-66	2	-285	0	-42	3	-15	126	4	-80	341		
6.800	1	251	0	-52	2	-419	0	-59	3	-17	81	4	-83	130		
6.850	1	13	0	-63	2	-693	0	-78	3	-26	-96	4	-98	-89		
6.875	1	-107	0	-69	2	-860	0	-88	3	-32	-222	4	-105	-233		
6.900	1	-236	0	-55	2	-1046	0	-96	3	-34	-289	4	-108	-442		
6.950	1	-438	0	-40	2	-1454	0	-107	3	-40	-438	4	-121	-819		
7.000	1	-608	0	-45	2	-1906	0	-118	1	-45	-608	4	-137	-1264		
7.000	1	-608	0	51	2	-1907	0	124	3	137	-1259	1	51	-608		
7.050	1	-451	0	47	2	-1531	0	112	3	129	-834	1	47	-451		
7.100	1	-302	0	54	2	-1181	0	105	3	119	-511	4	41	-368		
7.125	1	-214	0	51	2	-1021	0	96	3	111	-372	4	38	-293		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 5 NAME: MaineDOT_Config-3

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
7.150	1	-110	0	64	2	-874	0	88	3	108	-217	4	33	-189		
7.156	1	-81	0	67	2	-839	0	87	3	108	-174	4	32	-158		
7.200	1	95	0	56	2	-623	0	72	3	94	-31	4	26	-20		
7.250	1	300	0	52	2	-431	0	48	3	85	180	4	18	120		
7.280	1	411	0	64	2	-337	0	45	3	82	340	4	16	157		
7.300	1	486	0	46	2	-286	0	39	3	79	406	4	10	243		
7.312	1	534	0	62	2	-255	0	36	3	84	468	4	16	394		
7.350	1	664	0	44	2	-171	0	33	3	73	518	4	11	498		
7.400	1	814	0	35	2	-72	0	29	3	64	652	4	4	631		
7.450	1	932	0	26	2	13	0	24	3	59	799	4	-3	743		
7.469	1	973	0	26	2	40	0	23	3	57	868	4	-6	793		
7.500	1	1021	0	14	2	83	0	20	3	48	831	4	-10	834		
7.550	1	1080	0	6	2	138	0	15	3	38	846	4	-17	899		
7.600	1	1108	0	-2	2	180	0	11	3	32	890	4	-23	940		
7.625	1	1117	0	-6	2	195	0	8	3	28	931	4	-31	963		
7.643	1	1112	0	2	2	203	0	7	3	24	865	4	-32	976		
7.650	1	1103	0	-16	2	207	0	6	3	21	764	4	-32	997		
7.664	1	1090	0	-12	2	211	0	5	3	20	782	4	-33	968		
7.700	1	1071	0	-5	2	219	0	2	3	18	699	4	-39	985		
7.703	1	1070	0	-21	2	219	0	1	3	17	658	4	-44	994		
7.750	1	989	0	-37	2	216	0	-3	3	10	587	4	-50	927		
7.800	1	868	0	-47	2	199	0	-7	3	-2	436	4	-59	833		
7.850	1	713	0	-62	2	170	0	-11	3	-9	268	4	-69	708		
7.852	1	707	0	-62	2	168	0	-12	3	-10	267	4	-69	701		
7.889	1	573	0	-58	2	137	0	-15	3	-13	240	4	-78	573		
7.900	1	529	0	-79	2	126	0	-16	3	-14	212	4	-80	529		
7.905	1	511	0	-61	2	122	0	-16	3	-14	208	4	-81	511		
7.950	1	295	0	-91	2	70	0	-20	3	-20	70	1	-91	295		
7.958	1	251	0	-92	2	60	0	-20	3	-20	60	1	-92	251		
8.000	1	1	0	-51	2	-9	0	-77	3	-24	0	4	-96	-3		
8.000	1	1	0	-45	2	-10	0	-77	3	-24	0	4	-101	-3		
8.000	1	0	0	1	2	-7	0	15	3	20	-1	4	1	0		
8.375	1	0	0	0	2	-4	0	11	3	11	-4	4	0	0		
9.000	1	0	0	0	2	0	0	0	3	10	0	1	0	0		

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	MAX MOMENT				MIN MOMENT				MAX SHEAR				MIN SHEAR			
	COMB NO	M (ft-k)	COR ML (ft-k)	COR V (kips)	COMB NO	M (ft-k)	COR ML (ft-k)	COR V (kips)	COMB NO	V (kips)	COR M (ft-k)	COMB NO	V (kips)	COR M (ft-k)		
0.000	1	0	0	0	2	-1	0	0	3	0	0	4	-28	0		
0.625	1	0	0	0	2	-12	0	-28	3	0	0	2	-28	-12		
1.000	1	0	0	0	2	-19	0	-29	3	0	0	4	-30	-9		
1.000	1	1	0	43	2	-19	0	57	3	97	-1	4	18	0		
1.000	1	1	0	43	2	-18	0	56	3	93	0	4	18	0		
1.049	1	242	0	87	2	43	0	14	1	87	242	2	14	43		
1.050	1	242	0	64	2	44	0	14	3	85	239	4	14	44		
1.100	1	429	0	75	2	78	0	10	3	75	429	4	10	154		
1.109	1	467	0	51	2	83	0	10	3	74	467	4	8	181		
1.127	1	524	0	47	2	92	0	8	3	70	524	4	5	284		
1.143	1	561	0	49	2	99	0	7	3	62	531	4	4	291		
1.150	1	577	0	49	2	102	0	7	3	62	552	4	4	216		
1.200	1	694	0	39	2	116	0	3	3	53	649	4	-2	370		
1.250	1	775	0	22	2	119	0	-1	3	44	713	4	-9	425		
1.286	1	822	0	21	2	114	0	-4	3	44	787	4	-12	612		
1.300	1	825	0	6	2	111	0	-5	3	39	748	4	-13	601		
1.343	1	853	0	-2	2	95	0	-8	3	31	719	4	-20	683		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.350	1	849	0	9	2	92	0	-9	3	31	729	4	-20	675		
1.400	1	856	0	-11	2	62	0	-13	3	24	717	4	-28	705		
1.450	1	834	0	-1	2	22	0	-17	3	18	708	4	-37	710		
1.464	1	834	0	-17	2	10	0	-18	3	17	722	4	-42	746		
1.500	1	785	0	-32	2	-28	0	-21	3	9	623	4	-45	687		
1.550	1	720	0	-31	2	-91	0	-24	3	3	572	4	-54	636		
1.600	1	626	0	-47	2	-164	0	-28	3	-5	453	4	-63	558		
1.643	1	530	0	-44	2	-236	0	-34	3	-2	290	4	-68	496		
1.650	1	510	0	-53	2	-249	0	-35	3	-4	235	4	-68	470		
1.690	1	406	0	-57	2	-333	0	-41	3	-12	150	4	-75	365		
1.700	1	376	0	-53	2	-357	0	-42	3	-12	142	4	-75	325		
1.750	1	228	0	-47	2	-481	0	-47	3	-17	63	4	-84	171		
1.800	1	54	0	-72	2	-627	0	-59	3	-25	-73	4	-94	-12		
1.821	1	-24	0	-58	2	-709	0	-70	3	-26	-103	4	-96	-125		
1.850	1	-128	0	-73	2	-827	0	-79	3	-31	-202	4	-103	-227		
1.893	1	-254	0	-38	2	-1036	0	-91	3	-37	-293	4	-113	-423		
1.900	1	-269	0	-38	2	-1072	0	-91	3	-37	-308	4	-114	-466		
1.950	1	-381	0	-42	2	-1347	0	-105	3	-41	-426	4	-124	-732		
2.000	1	-503	0	-46	2	-1663	0	-116	3	-46	-503	4	-133	-1051		
2.000	4	-502	0	43	2	-1662	0	111	3	136	-1151	4	43	-502		
2.050	1	-341	0	38	2	-1227	0	97	3	125	-715	4	38	-343		
2.075	1	-267	0	36	2	-1038	0	97	3	119	-508	4	35	-269		
2.100	1	-166	0	58	2	-855	0	91	3	112	-341	4	33	-191		
2.125	1	-37	0	65	2	-684	0	79	3	108	-140	4	28	-89		
2.150	1	79	0	68	2	-529	0	74	3	100	-21	4	26	-35		
2.200	1	305	0	65	2	-269	0	55	3	87	244	4	19	120		
2.201	1	309	0	69	2	-235	0	38	3	87	250	4	19	121		
2.250	1	529	0	59	2	-95	0	31	3	83	494	4	13	424		
2.300	1	713	0	51	2	17	0	25	3	70	638	4	7	497		
2.350	1	856	0	39	2	106	0	20	3	59	776	4	-2	633		
2.375	1	922	0	21	2	143	0	17	3	55	866	4	-11	777		
2.400	1	964	0	30	2	174	0	14	3	50	900	4	-13	753		
2.450	1	1001	0	15	2	210	0	2	3	38	904	4	-21	786		
2.483	1	1005	0	0	2	197	0	-7	3	29	859	4	-31	892		
2.500	1	1017	0	-1	2	187	0	-9	3	33	896	4	-31	941		
2.550	1	986	0	-3	2	142	0	-15	3	21	824	4	-37	842		
2.600	1	922	0	-14	2	72	0	-21	3	11	752	4	-48	787		
2.625	1	884	0	-25	2	29	0	-23	3	8	745	4	-58	826		
2.650	1	812	0	-25	2	-20	0	-26	3	2	644	4	-60	709		
2.700	1	651	0	-48	2	-133	0	-31	3	-8	492	4	-72	576		
2.750	1	453	0	-62	2	-269	0	-40	3	-7	247	4	-81	418		
2.765	1	388	0	-41	2	-321	0	-45	3	-10	206	4	-83	320		
2.800	1	235	0	-47	2	-471	0	-60	3	-17	86	4	-88	114		
2.850	1	-14	0	-63	2	-755	0	-77	3	-28	-109	4	-103	-133		
2.875	1	-143	0	-77	2	-927	0	-90	3	-35	-242	4	-111	-280		
2.888	1	-208	0	-51	2	-1018	0	-92	3	-36	-278	4	-112	-391		
2.900	1	-258	0	-53	2	-1111	0	-97	3	-37	-314	4	-113	-500		
2.950	1	-454	0	-47	2	-1530	0	-111	3	-44	-514	4	-127	-882		
3.000	1	-651	0	-52	2	-2004	0	-121	3	-50	-697	4	-143	-1296		
3.000	4	-650	0	46	2	-2003	0	121	3	140	-1316	4	46	-650		
3.050	1	-478	0	41	2	-1538	0	109	3	128	-865	4	41	-480		
3.100	1	-282	0	59	2	-1122	0	97	3	115	-481	4	35	-313		
3.112	1	-221	0	79	2	-1029	0	91	3	114	-366	4	34	-279		
3.125	1	-151	0	68	2	-939	0	87	3	111	-275	4	30	-206		
3.150	1	-31	0	70	2	-771	0	77	3	103	-149	4	29	-148		
3.200	1	203	0	67	2	-493	0	59	3	90	126	4	22	18		
3.245	1	401	0	58	2	-308	0	43	3	80	358	4	11	155		
3.250	1	423	0	61	2	-292	0	36	3	86	387	4	15	334		
3.300	1	619	0	54	2	-161	0	30	3	73	544	4	9	417		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
3.350	1	772	0	42	2	-52	0	24	3	62	691	4	0	562
3.375	1	844	0	24	2	-6	0	22	3	57	786	4	-9	710
3.400	1	879	0	31	2	35	0	19	3	51	790	4	-10	691
3.450	1	939	0	18	2	98	0	13	3	40	841	4	-20	758
3.500	1	965	0	1	2	133	0	0	3	36	888	4	-29	851
3.504	1	961	0	-11	2	133	0	0	3	33	858	4	-29	841
3.550	1	944	0	0	2	102	0	-12	3	24	785	4	-35	800
3.600	1	889	0	-11	2	41	0	-18	3	14	722	4	-45	756
3.625	1	856	0	-23	2	2	0	-21	3	10	720	4	-56	799
3.650	1	789	0	-23	2	-42	0	-24	3	4	623	4	-57	687
3.700	1	637	0	-34	2	-145	0	-29	3	-6	480	4	-69	560
3.750	1	449	0	-60	2	-273	0	-38	3	-4	243	4	-78	414
3.765	1	389	0	-38	2	-320	0	-43	3	-8	205	4	-80	321
3.800	1	240	0	-45	2	-465	0	-58	3	-15	92	4	-86	120
3.850	1	0	0	-60	2	-740	0	-76	3	-26	-95	4	-100	-117
3.875	1	-125	0	-75	2	-906	0	-88	3	-31	-213	4	-108	-260
3.888	1	-187	0	-49	2	-995	0	-89	3	-33	-245	4	-110	-368
3.900	1	-235	0	-51	2	-1086	0	-94	3	-33	-278	4	-110	-475
3.950	1	-422	0	-44	2	-1500	0	-110	3	-40	-444	4	-124	-847
4.000	1	-603	0	-47	2	-1959	0	-119	3	-45	-610	4	-140	-1251
4.000	1	-603	0	47	2	-1957	0	120	3	139	-1268	4	46	-609
4.050	1	-421	0	45	2	-1495	0	109	3	128	-820	4	40	-442
4.100	1	-234	0	51	2	-1082	0	96	3	115	-439	4	34	-278
4.113	1	-182	0	51	2	-990	0	91	3	113	-325	4	33	-244
4.125	1	-116	0	67	2	-901	0	87	3	110	-234	4	30	-172
4.150	1	11	0	48	2	-735	0	75	3	102	-113	4	26	-68
4.200	1	233	0	67	2	-460	0	58	3	90	161	4	21	48
4.232	1	373	0	57	2	-321	0	40	3	81	310	4	12	171
4.250	1	455	0	67	2	-267	0	35	3	85	420	4	14	361
4.300	1	649	0	53	2	-138	0	29	3	72	573	4	8	442
4.350	1	798	0	41	2	-31	0	24	3	61	718	4	-1	584
4.375	1	869	0	23	2	14	0	21	3	56	811	4	-10	732
4.400	1	902	0	30	2	52	0	18	3	50	813	4	-11	711
4.450	1	959	0	17	2	114	0	13	3	39	861	4	-20	757
4.499	1	981	0	11	2	147	0	0	3	29	863	4	-31	818
4.500	1	982	0	1	2	147	0	0	3	35	864	4	-30	907
4.550	1	958	0	-1	2	113	0	-13	3	23	797	4	-36	815
4.600	1	900	0	-12	2	50	0	-19	3	13	732	4	-46	767
4.625	1	865	0	-24	2	10	0	-22	3	9	728	4	-57	808
4.650	1	797	0	-23	2	-35	0	-24	3	3	629	4	-58	694
4.700	1	642	0	-46	2	-141	0	-30	3	-6	484	4	-70	566
4.750	1	450	0	-61	2	-272	0	-38	3	-5	245	4	-79	416
4.765	1	388	0	-39	2	-320	0	-43	3	-9	205	4	-81	320
4.800	1	239	0	-46	2	-466	0	-58	3	-16	90	4	-86	118
4.850	1	-4	0	-61	2	-744	0	-76	3	-27	-99	4	-101	-122
4.875	1	-130	0	-75	2	-912	0	-89	3	-32	-218	4	-109	-265
4.888	1	-193	0	-50	2	-1001	0	-90	3	-33	-250	4	-110	-375
4.900	1	-242	0	-51	2	-1093	0	-95	3	-34	-284	4	-111	-482
4.950	1	-431	0	-45	2	-1510	0	-111	3	-41	-452	4	-125	-858
5.000	1	-614	0	-48	2	-1972	0	-120	3	-46	-621	4	-141	-1264
5.000	1	-614	0	47	2	-1971	0	120	3	139	-1281	4	46	-621
5.050	1	-431	0	45	2	-1508	0	109	3	128	-833	4	40	-453
5.100	1	-244	0	51	2	-1094	0	96	3	115	-451	4	35	-288
5.113	1	-192	0	51	2	-1002	0	91	3	113	-337	4	33	-254
5.125	1	-126	0	67	2	-913	0	87	3	110	-246	4	30	-182
5.150	1	-1	0	71	2	-746	0	76	3	104	-100	4	28	-125
5.200	1	224	0	67	2	-470	0	58	3	90	151	4	21	39
5.236	1	381	0	57	2	-318	0	43	3	81	325	4	11	166
5.250	1	446	0	61	2	-276	0	35	3	86	411	4	14	353

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
5.300	1	640	0	53	2	-146	0	30	3	72	564	4	4	9	434	434
5.350	1	790	0	42	2	-39	0	24	3	61	709	4	4	0	577	577
5.375	1	861	0	23	2	7	0	21	3	57	803	4	4	-9	725	725
5.400	1	895	0	31	2	45	0	19	3	50	805	4	4	-11	704	704
5.450	1	953	0	17	2	108	0	13	3	40	854	4	4	-20	756	756
5.500	1	976	0	1	2	142	0	0	3	35	899	4	4	-29	861	861
5.550	1	953	0	-1	2	109	0	-13	3	23	793	4	4	-36	809	809
5.600	1	895	0	-12	2	47	0	-19	3	13	728	4	4	-46	762	762
5.625	1	861	0	-23	2	7	0	-21	3	9	724	4	4	-57	804	804
5.650	1	793	0	-23	2	-38	0	-24	3	3	626	4	4	-58	690	690
5.700	1	639	0	-35	2	-143	0	-30	3	-6	481	4	4	-70	560	560
5.750	1	447	0	-61	2	-273	0	-38	3	-5	243	4	4	-79	413	413
5.764	1	389	0	-39	2	-319	0	-43	3	-9	204	4	4	-81	324	324
5.800	1	237	0	-46	2	-467	0	-58	3	-16	89	4	4	-86	116	116
5.850	1	-5	0	-61	2	-745	0	-76	3	-26	-100	4	4	-101	-123	-123
5.875	1	-131	0	-75	2	-912	0	-88	3	-32	-218	4	4	-109	-266	-266
5.888	1	-198	0	-57	2	-1001	0	-90	3	-33	-250	4	4	-110	-376	-376
5.900	1	-250	0	-51	2	-1093	0	-95	3	-34	-284	4	4	-111	-483	-483
5.950	1	-443	0	-42	2	-1509	0	-111	3	-40	-451	4	4	-125	-857	-857
6.000	3	-620	0	-46	2	-1971	0	-119	3	-46	-620	4	4	-141	-1263	-1263
6.000	1	-620	0	50	2	-1969	0	121	3	139	-1280	4	4	47	-639	-639
6.050	1	-429	0	45	2	-1506	0	109	3	128	-830	4	4	42	-466	-466
6.100	1	-242	0	51	2	-1092	0	96	3	115	-448	4	4	35	-292	-292
6.112	1	-190	0	51	2	-999	0	91	3	113	-334	4	4	34	-258	-258
6.125	1	-124	0	67	2	-910	0	87	3	110	-243	4	4	30	-170	-170
6.150	1	3	0	71	2	-743	0	75	3	104	-94	4	4	29	-126	-126
6.200	1	227	0	67	2	-467	0	58	3	90	154	4	4	21	42	42
6.235	1	377	0	57	2	-319	0	44	3	81	319	4	4	12	168	168
6.250	1	449	0	61	2	-272	0	35	3	86	414	4	4	14	356	356
6.300	1	644	0	53	2	-142	0	30	3	72	568	4	4	9	438	438
6.350	1	795	0	42	2	-34	0	24	3	61	714	4	4	0	581	581
6.375	1	865	0	24	2	11	0	22	3	57	808	4	4	-9	729	729
6.400	1	899	0	31	2	50	0	19	3	50	810	4	4	-11	708	708
6.450	1	958	0	17	2	113	0	12	3	40	859	4	4	-20	764	764
6.500	1	981	0	1	2	152	0	7	3	35	904	4	4	-29	866	866
6.501	1	981	0	-11	2	152	0	7	3	33	864	4	4	-29	864	864
6.550	1	958	0	-1	2	141	0	-11	3	23	797	4	4	-36	815	815
6.600	1	901	0	-12	2	83	0	-18	3	13	733	4	4	-46	768	768
6.625	1	867	0	-23	2	45	0	-20	3	10	729	4	4	-57	811	811
6.650	1	799	0	-23	2	2	0	-23	3	4	631	4	4	-58	697	697
6.700	1	647	0	-47	2	-101	0	-29	3	-6	486	4	4	-70	578	578
6.750	1	456	0	-54	2	-228	0	-37	3	-5	250	4	4	-79	421	421
6.767	1	381	0	-66	2	-281	0	-44	3	-16	117	4	4	-83	343	343
6.800	1	234	0	-47	2	-420	0	-57	3	-17	71	4	4	-86	125	125
6.850	1	1	0	-61	2	-693	0	-81	3	-26	-93	4	4	-101	-113	-113
6.875	1	-124	0	-75	2	-854	0	-83	3	-32	-211	4	4	-109	-257	-257
6.900	1	-247	0	-58	2	-1038	0	-96	3	-34	-276	4	4	-111	-473	-473
6.950	3	-438	0	-40	2	-1439	0	-106	3	-40	-438	4	4	-124	-847	-847
7.000	3	-609	0	-45	2	-1895	0	-119	3	-45	-609	4	4	-140	-1251	-1251
7.000	1	-610	0	51	2	-1897	0	124	3	140	-1245	1	1	51	-610	-610
7.050	1	-453	0	47	2	-1518	0	112	3	133	-844	4	4	47	-499	-499
7.100	1	-309	0	55	2	-1175	0	101	3	122	-525	4	4	40	-360	-360
7.125	1	-223	0	52	2	-1017	0	91	3	115	-393	4	4	37	-284	-284
7.150	1	-125	0	69	2	-871	0	88	3	111	-235	4	4	33	-180	-180
7.156	1	-94	0	77	2	-836	0	88	3	111	-190	4	4	31	-152	-152
7.200	1	84	0	56	2	-624	0	70	3	96	-38	4	4	26	-23	-23
7.250	1	286	0	48	2	-428	0	53	3	86	181	4	4	19	115	115
7.280	1	391	0	64	2	-334	0	45	3	84	344	4	4	16	149	149
7.300	1	466	0	44	2	-282	0	39	3	81	412	4	4	10	244	244

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 6 NAME: MaineDOT_Config-4

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)			V (kips)	COR M (ft-k)	
7.312	1	513	0	62	2	-251	0	36	3	86	476	4	4	16	394	
7.350	1	640	0	42	2	-169	0	33	3	74	525	4	4	11	501	
7.400	1	789	0	32	2	-70	0	29	3	65	659	4	4	4	633	
7.450	1	905	0	23	2	14	0	24	3	59	806	4	4	-3	747	
7.469	1	944	0	26	2	42	0	23	3	57	876	4	4	-7	797	
7.500	1	989	0	10	2	85	0	20	3	48	836	4	4	-10	838	
7.550	1	1048	0	1	2	140	0	15	3	39	852	4	4	-17	906	
7.600	1	1082	0	-4	2	182	0	10	3	33	894	4	4	-24	951	
7.625	1	1092	0	1	2	196	0	8	3	28	936	4	4	-31	977	
7.643	1	1086	0	9	2	205	0	7	3	25	870	4	4	-33	989	
7.650	1	1078	0	-14	2	208	0	6	3	21	761	4	4	-33	1012	
7.664	1	1065	0	-16	2	213	0	5	3	20	779	4	4	-34	982	
7.700	1	1054	0	-3	2	220	0	2	3	18	701	4	4	-40	1000	
7.703	1	1054	0	-20	2	220	0	1	3	17	654	4	4	-45	1011	
7.750	1	985	0	-36	2	217	0	-3	3	9	575	4	4	-52	945	
7.800	1	876	0	-46	2	200	0	-7	3	-2	441	4	4	-61	851	
7.850	1	726	0	-65	2	170	0	-11	3	-9	349	4	4	-70	720	
7.852	1	720	0	-63	2	169	0	-12	3	-9	349	4	4	-71	713	
7.889	1	586	0	-57	2	138	0	-15	3	-12	324	4	4	-80	586	
7.900	1	542	0	-82	2	127	0	-16	3	-13	221	4	4	-82	542	
7.905	1	524	0	-60	2	122	0	-16	3	-14	217	4	4	-83	524	
7.950	1	303	0	-93	2	70	0	-20	3	-20	70	1	1	-93	303	
7.958	1	258	0	-94	2	61	0	-20	3	-20	61	1	1	-94	258	
8.000	1	1	0	-53	2	-12	0	-63	3	-24	0	4	4	-98	-3	
8.000	1	1	0	-45	2	-13	0	-63	3	-24	0	4	4	-104	-4	
8.000	1	0	0	1	2	-10	0	22	3	26	0	4	4	1	0	
8.375	1	0	0	0	2	-6	0	16	2	16	-6	4	4	0	0	
9.000	1	0	0	0	2	0	0	0	3	15	0	1	1	0	0	

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	V (kips)		M (ft-k)	COR ML (ft-k)	V (kips)		V (kips)	COR M (ft-k)			V (kips)	COR M (ft-k)	
0.000	1	0	0	0	2	-1	0	0	3	0	0	4	4	-25	0	
0.625	1	0	0	0	2	-11	0	-26	3	0	0	4	4	-26	-11	
1.000	1	0	0	0	2	-17	0	-26	3	0	0	4	4	-27	-8	
1.000	1	1	0	41	2	-17	0	64	3	94	-1	4	4	18	0	
1.000	1	1	0	41	2	-17	0	43	3	91	0	4	4	18	0	
1.049	1	236	0	85	2	43	0	14	1	85	236	2	4	14	43	
1.050	1	236	0	58	2	45	0	14	3	83	233	4	4	14	45	
1.100	1	420	0	73	2	79	0	10	3	73	420	4	4	10	152	
1.109	1	457	0	62	2	84	0	10	3	72	457	4	4	7	194	
1.127	1	514	0	42	2	93	0	8	3	69	514	4	4	4	306	
1.143	1	543	0	49	2	99	0	7	3	62	526	4	4	2	313	
1.150	1	555	0	50	2	102	0	7	3	61	547	4	4	3	313	
1.200	1	673	0	33	2	116	0	3	3	52	640	4	4	-4	398	
1.250	1	766	0	22	2	119	0	-1	3	43	705	4	4	-12	458	
1.286	1	818	0	18	2	115	0	-4	3	43	778	4	4	-14	648	
1.300	1	826	0	15	2	112	0	-5	3	39	743	4	4	-14	636	
1.343	1	857	0	-1	2	96	0	-8	3	30	716	4	4	-21	708	
1.350	1	856	0	8	2	93	0	-9	3	31	726	4	4	-21	700	
1.400	1	860	0	-10	2	64	0	-12	3	23	716	4	4	-29	717	
1.450	1	842	0	-1	2	23	0	-17	3	17	708	4	4	-37	714	
1.464	1	841	0	-13	2	10	0	-18	3	16	721	4	4	-41	746	
1.500	1	796	0	-21	2	-28	0	-20	3	9	629	4	4	-45	687	
1.550	1	728	0	-29	2	-90	0	-24	3	4	581	4	4	-53	635	

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
1.600	1	633	0	-41	2	-163	0	-28	3	-4	471	4	-62	557
1.643	1	537	0	-41	2	-234	0	-33	3	0	312	4	-67	495
1.650	1	515	0	-54	2	-247	0	-34	3	-3	258	4	-67	470
1.690	1	407	0	-61	2	-330	0	-41	3	-10	176	4	-74	366
1.700	1	380	0	-50	2	-353	0	-42	3	-10	169	4	-74	327
1.750	1	233	0	-55	2	-477	0	-46	3	-15	89	4	-83	177
1.800	1	57	0	-58	2	-624	0	-66	3	-23	-55	4	-92	8
1.821	1	-11	0	-58	2	-704	0	-67	3	-25	-83	4	-93	-103
1.850	1	-114	0	-65	2	-814	0	-70	3	-30	-189	4	-101	-205
1.893	1	-245	0	-54	2	-1024	0	-96	3	-37	-305	4	-110	-410
1.900	1	-266	0	-55	2	-1062	0	-96	3	-37	-320	4	-111	-452
1.950	1	-381	0	-42	2	-1345	0	-106	3	-42	-441	4	-121	-721
2.000	1	-503	0	-46	2	-1655	0	-114	1	-46	-503	4	-129	-1034
2.000	1	-503	0	43	2	-1655	0	112	3	132	-1142	1	43	-503
2.050	1	-342	0	39	2	-1229	0	101	3	121	-678	4	38	-343
2.075	1	-260	0	50	2	-1031	0	96	3	115	-474	4	35	-275
2.100	1	-147	0	61	2	-842	0	90	3	108	-302	4	32	-184
2.125	1	-19	0	59	2	-670	0	85	3	104	-108	4	26	-61
2.150	1	93	0	60	2	-509	0	73	3	96	11	4	25	-24
2.200	1	311	0	55	2	-262	0	54	3	84	257	4	18	140
2.201	1	315	0	59	2	-232	0	38	3	84	263	4	18	142
2.250	1	535	0	55	2	-92	0	30	3	80	497	4	12	446
2.300	1	724	0	46	2	20	0	25	3	68	636	4	6	515
2.350	1	867	0	34	2	109	0	19	3	57	769	4	-3	642
2.375	1	928	0	30	2	145	0	17	3	53	856	4	-11	777
2.400	1	969	0	25	2	176	0	14	3	49	891	4	-12	753
2.450	1	1010	0	8	2	211	0	-3	3	37	897	4	-21	786
2.483	1	1021	0	-1	2	198	0	-7	3	29	852	4	-30	888
2.500	1	1024	0	2	2	187	0	-9	3	32	889	4	-31	934
2.550	1	997	0	-8	2	142	0	-14	3	21	822	4	-37	836
2.600	1	930	0	-19	2	74	0	-20	3	11	754	4	-47	782
2.625	1	889	0	-34	2	30	0	-23	3	8	747	4	-57	817
2.650	1	818	0	-34	2	-18	0	-26	3	2	650	4	-58	703
2.700	1	662	0	-47	2	-132	0	-32	3	-7	386	4	-70	575
2.750	1	461	0	-53	2	-268	0	-39	3	-5	267	4	-78	421
2.765	1	394	0	-42	2	-318	0	-45	3	-9	227	4	-80	326
2.800	1	236	0	-47	2	-466	0	-58	3	-16	113	4	-85	126
2.850	1	-2	0	-59	2	-744	0	-75	3	-27	-89	4	-100	-99
2.875	1	-124	0	-68	2	-907	0	-87	3	-34	-228	4	-107	-245
2.888	1	-190	0	-62	2	-1002	0	-98	3	-36	-263	4	-109	-353
2.900	1	-246	0	-55	2	-1096	0	-101	3	-36	-298	4	-110	-458
2.950	1	-454	0	-47	2	-1527	0	-113	3	-44	-525	4	-123	-842
3.000	1	-651	0	-52	2	-1999	0	-123	3	-50	-699	4	-139	-1290
3.000	1	-651	0	46	2	-1999	0	122	3	136	-1308	1	46	-651
3.050	1	-479	0	41	2	-1532	0	111	3	124	-828	4	41	-480
3.100	1	-262	0	62	2	-1105	0	101	3	111	-441	4	35	-305
3.112	1	-199	0	71	2	-1005	0	94	3	110	-331	4	33	-272
3.125	1	-133	0	61	2	-919	0	90	3	107	-242	4	29	-176
3.150	1	-17	0	62	2	-758	0	74	3	99	-116	4	28	-136
3.200	1	209	0	58	2	-486	0	66	3	88	139	4	20	38
3.245	1	409	0	53	2	-306	0	42	3	78	362	4	9	175
3.250	1	431	0	58	2	-290	0	35	3	83	391	4	14	355
3.300	1	630	0	48	2	-159	0	30	3	70	542	4	8	433
3.350	1	783	0	37	2	-50	0	24	3	60	684	4	0	570
3.375	1	850	0	33	2	-4	0	22	3	56	777	4	-9	711
3.400	1	888	0	26	2	36	0	19	3	49	782	4	-10	692
3.450	1	948	0	11	2	100	0	13	3	39	833	4	-20	758
3.500	1	972	0	5	2	134	0	0	3	35	881	4	-28	844
3.504	1	969	0	-8	2	134	0	0	3	32	853	4	-29	834

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
3.550	1	953	0	-6	2	102	0	-12	3	23	784	4	-34	794
3.600	1	897	0	-17	2	43	0	-18	3	13	724	4	-44	749
3.625	1	861	0	-32	2	4	0	-21	3	10	722	4	-54	789
3.650	1	795	0	-32	2	-40	0	-24	3	4	629	4	-56	680
3.700	1	649	0	-43	2	-144	0	-29	3	-5	373	4	-67	559
3.750	1	457	0	-50	2	-272	0	-37	3	-3	263	4	-76	417
3.765	1	395	0	-40	2	-318	0	-42	3	-7	226	4	-78	327
3.800	1	241	0	-45	2	-459	0	-55	3	-13	118	4	-83	132
3.850	1	12	0	-57	2	-728	0	-72	3	-24	-75	4	-97	-83
3.875	1	-106	0	-66	2	-886	0	-85	3	-31	-205	4	-105	-225
3.888	1	-169	0	-60	2	-979	0	-96	3	-32	-237	4	-106	-330
3.900	1	-223	0	-52	2	-1071	0	-99	3	-33	-269	4	-107	-433
3.950	1	-422	0	-44	2	-1492	0	-110	3	-40	-444	4	-121	-806
4.000	1	-604	0	-47	2	-1954	0	-121	3	-45	-611	4	-136	-1245
4.000	1	-604	0	47	2	-1953	0	122	3	135	-1260	4	46	-611
4.050	1	-422	0	45	2	-1489	0	110	3	124	-783	4	40	-442
4.100	1	-223	0	53	2	-1066	0	101	3	111	-400	4	34	-270
4.113	1	-163	0	71	2	-966	0	94	3	109	-290	4	33	-237
4.125	1	-98	0	60	2	-881	0	90	3	106	-202	4	28	-141
4.150	1	19	0	36	2	-722	0	73	3	98	-80	4	25	-44
4.200	1	239	0	62	2	-453	0	65	3	87	174	4	20	69
4.232	1	383	0	56	2	-319	0	39	3	78	316	4	10	193
4.250	1	463	0	57	2	-264	0	35	3	82	424	4	13	382
4.300	1	659	0	48	2	-136	0	29	3	69	571	4	8	458
4.350	1	809	0	36	2	-29	0	24	3	59	710	4	-1	592
4.375	1	874	0	32	2	15	0	21	3	55	801	4	-9	732
4.400	1	911	0	25	2	54	0	18	3	49	805	4	-11	712
4.450	1	968	0	10	2	115	0	12	3	38	853	4	-19	757
4.499	1	989	0	12	2	148	0	0	3	29	856	4	-30	815
4.500	1	989	0	4	2	148	0	0	3	34	857	4	-29	899
4.550	1	968	0	-6	2	114	0	-12	3	22	796	4	-35	809
4.600	1	907	0	-17	2	52	0	-19	3	13	733	4	-45	760
4.625	1	870	0	-32	2	12	0	-21	3	9	730	4	-55	798
4.650	1	803	0	-32	2	-33	0	-24	3	4	636	4	-56	688
4.700	1	653	0	-45	2	-140	0	-30	3	-5	377	4	-68	565
4.750	1	459	0	-51	2	-270	0	-38	3	-4	265	4	-77	419
4.765	1	394	0	-41	2	-318	0	-43	3	-7	227	4	-78	326
4.800	1	240	0	-45	2	-461	0	-56	3	-14	117	4	-84	130
4.850	1	9	0	-57	2	-732	0	-73	3	-25	-79	4	-98	-88
4.875	1	-111	0	-67	2	-892	0	-85	3	-31	-210	4	-105	-231
4.888	1	-175	0	-60	2	-985	0	-97	3	-33	-242	4	-107	-337
4.900	1	-229	0	-53	2	-1078	0	-100	3	-33	-275	4	-108	-440
4.950	1	-431	0	-45	2	-1502	0	-111	3	-41	-453	4	-121	-817
5.000	1	-615	0	-48	2	-1967	0	-121	3	-46	-622	4	-137	-1258
5.000	1	-615	0	48	2	-1967	0	122	3	135	-1273	4	46	-623
5.050	1	-432	0	45	2	-1502	0	110	3	124	-796	4	40	-453
5.100	1	-232	0	53	2	-1078	0	101	3	111	-412	4	34	-280
5.113	1	-173	0	71	2	-978	0	94	3	109	-302	4	33	-247
5.125	1	-108	0	61	2	-892	0	90	3	107	-213	4	29	-152
5.150	1	9	0	63	2	-734	0	73	3	100	-68	4	27	-113
5.200	1	230	0	62	2	-463	0	65	3	87	164	4	20	60
5.236	1	392	0	53	2	-316	0	43	3	78	331	4	10	188
5.250	1	454	0	57	2	-273	0	35	3	83	414	4	14	374
5.300	1	650	0	48	2	-144	0	29	3	70	562	4	8	450
5.350	1	801	0	36	2	-37	0	24	3	59	702	4	-1	585
5.375	1	866	0	32	2	8	0	21	3	55	794	4	-9	726
5.400	1	904	0	25	2	48	0	18	3	49	797	4	-11	705
5.450	1	961	0	10	2	109	0	13	3	39	847	4	-20	756
5.500	1	983	0	4	2	143	0	0	3	34	892	4	-29	853

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
5.550	1	962	0	-6	2	110	0	-12	3	23	791	4	-35	803		
5.600	1	903	0	-17	2	49	0	-19	3	13	729	4	-45	756		
5.625	1	866	0	-32	2	9	0	-21	3	9	726	4	-55	794		
5.650	1	799	0	-32	2	-36	0	-24	3	4	632	4	-56	684		
5.700	1	650	0	-44	2	-143	0	-30	3	-5	375	4	-68	559		
5.750	1	456	0	-51	2	-272	0	-38	3	-4	263	4	-77	416		
5.764	1	395	0	-40	2	-316	0	-43	3	-7	226	4	-78	329		
5.800	1	238	0	-45	2	-462	0	-56	3	-14	115	4	-84	129		
5.850	1	8	0	-57	2	-733	0	-73	3	-25	-80	4	-98	-89		
5.875	1	-111	0	-67	2	-892	0	-85	3	-31	-211	4	-105	-232		
5.888	1	-175	0	-60	2	-985	0	-96	3	-32	-242	4	-107	-337		
5.900	1	-234	0	-61	2	-1078	0	-100	3	-33	-275	4	-108	-441		
5.950	1	-444	0	-43	2	-1501	0	-111	3	-40	-452	4	-121	-817		
6.000	3	-621	0	-46	2	-1965	0	-121	1	-46	-621	4	-137	-1257		
6.000	1	-621	0	50	2	-1965	0	122	3	135	-1272	4	47	-640		
6.050	1	-430	0	45	2	-1500	0	110	3	124	-794	4	42	-467		
6.100	1	-230	0	53	2	-1075	0	101	3	111	-409	4	35	-284		
6.112	1	-171	0	71	2	-976	0	94	3	109	-299	4	33	-250		
6.125	1	-106	0	61	2	-890	0	90	3	107	-210	4	29	-149		
6.150	1	12	0	63	2	-731	0	74	3	101	-63	4	28	-95		
6.200	1	233	0	62	2	-460	0	65	3	87	167	4	20	62		
6.235	1	389	0	53	2	-317	0	43	3	78	325	4	10	190		
6.250	1	457	0	57	2	-269	0	35	3	83	418	4	14	377		
6.300	1	654	0	48	2	-140	0	29	3	70	566	4	8	454		
6.350	1	806	0	37	2	-33	0	24	3	59	706	4	-1	589		
6.375	1	871	0	32	2	13	0	21	3	55	798	4	-9	730		
6.400	1	909	0	25	2	52	0	18	3	49	802	4	-11	710		
6.450	1	967	0	11	2	114	0	13	3	39	851	4	-20	764		
6.500	1	988	0	4	2	153	0	7	3	34	897	4	-29	858		
6.501	1	988	0	-12	2	153	0	7	3	32	859	4	-29	857		
6.550	1	968	0	-6	2	142	0	-11	3	23	795	4	-35	809		
6.600	1	909	0	-17	2	85	0	-18	3	13	734	4	-45	762		
6.625	1	873	0	-32	2	48	0	-20	3	9	731	4	-55	801		
6.650	1	806	0	-32	2	5	0	-23	3	4	637	4	-56	691		
6.700	1	656	0	-45	2	-97	0	-29	3	-5	381	4	-68	576		
6.750	1	464	0	-51	2	-223	0	-37	3	-3	271	4	-76	424		
6.767	1	386	0	-71	2	-276	0	-42	3	-14	139	4	-80	348		
6.800	1	240	0	-58	2	-413	0	-55	3	-15	97	4	-83	138		
6.850	1	14	0	-57	2	-677	0	-73	3	-25	-73	4	-98	-79		
6.875	1	-106	0	-67	2	-834	0	-84	3	-31	-203	4	-105	-222		
6.900	1	-227	0	-61	2	-1020	0	-98	3	-33	-268	4	-107	-431		
6.950	3	-439	0	-40	2	-1437	0	-108	3	-40	-439	4	-121	-807		
7.000	3	-610	0	-46	2	-1889	0	-118	1	-46	-610	4	-136	-1245		
7.000	1	-611	0	51	2	-1891	0	123	3	136	-1238	1	51	-611		
7.050	1	-453	0	47	2	-1514	0	113	3	129	-820	4	47	-500		
7.100	1	-300	0	57	2	-1163	0	105	3	118	-499	4	39	-348		
7.125	1	-211	0	54	2	-994	0	93	3	111	-361	4	36	-272		
7.150	1	-112	0	65	2	-853	0	87	3	108	-207	4	32	-161		
7.156	1	-81	0	62	2	-823	0	76	3	107	-164	4	30	-131		
7.200	1	90	0	59	2	-616	0	70	3	94	-23	4	24	1		
7.250	1	289	0	58	2	-423	0	49	3	84	188	4	17	142		
7.280	1	398	0	57	2	-332	0	45	3	81	347	4	14	172		
7.300	1	471	0	45	2	-281	0	39	3	79	413	4	9	265		
7.312	1	519	0	59	2	-250	0	36	3	84	475	4	15	416		
7.350	1	646	0	42	2	-166	0	33	3	73	523	4	11	515		
7.400	1	793	0	33	2	-68	0	28	3	64	656	4	4	642		
7.450	1	907	0	24	2	16	0	24	3	58	802	4	-3	748		
7.469	1	948	0	29	2	44	0	22	3	57	871	4	-7	797		
7.500	1	994	0	9	2	86	0	19	3	48	833	4	-10	837		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 7 NAME: MaineDOT_Config-5

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.550	1	1054	0	4	2	141	0	15	3	38	852	4	-17	902
7.600	1	1083	0	1	2	182	0	11	3	32	897	4	-23	943
7.625	1	1092	0	-7	2	198	0	8	3	28	938	4	-31	965
7.643	1	1088	0	4	2	206	0	7	3	25	875	4	-32	978
7.650	1	1080	0	-9	2	209	0	6	3	22	782	4	-32	999
7.664	1	1071	0	-10	2	214	0	5	3	21	801	4	-33	970
7.700	1	1055	0	-3	2	221	0	2	3	19	716	4	-39	986
7.703	1	1054	0	-17	2	221	0	1	3	19	680	4	-44	995
7.750	1	975	0	-41	2	217	0	-3	3	11	610	4	-50	929
7.800	1	863	0	-58	2	201	0	-7	3	0	467	4	-59	834
7.850	1	710	0	-69	2	171	0	-12	3	-7	369	4	-69	708
7.852	1	703	0	-69	2	169	0	-12	3	-7	368	4	-69	701
7.889	1	573	0	-51	2	138	0	-15	3	-10	347	4	-78	573
7.900	1	529	0	-79	2	127	0	-16	3	-12	305	4	-79	529
7.905	1	511	0	-70	2	122	0	-16	3	-12	302	4	-81	511
7.950	1	295	0	-91	2	70	0	-20	3	-20	70	1	-91	295
7.958	1	251	0	-91	2	61	0	-20	3	-20	61	1	-91	251
8.000	1	1	0	-43	2	-11	0	-62	3	-24	0	4	-96	-3
8.000	1	1	0	-48	2	-12	0	-71	3	-24	0	4	-101	-3
8.000	1	0	0	1	2	-9	0	20	3	25	-2	4	1	0
8.375	1	0	0	0	2	-6	0	14	3	14	-6	4	0	0
9.000	1	0	0	0	2	0	0	0	3	14	0	1	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	0	0	0	2	-1	0	0	3	0	0	4	-25	0
0.625	1	0	0	0	2	-11	0	-25	3	0	0	4	-25	-10
1.000	1	0	0	0	2	-17	0	-25	3	0	0	4	-27	-8
1.000	1	1	0	44	2	-17	0	78	3	103	-1	4	18	0
1.000	1	1	0	44	2	-16	0	38	3	100	0	4	18	0
1.049	1	259	0	93	2	44	0	14	1	93	259	4	14	44
1.050	1	259	0	67	2	46	0	14	3	91	257	4	14	46
1.100	1	463	0	81	2	81	0	11	3	81	463	4	10	152
1.109	1	504	0	54	2	86	0	10	3	80	504	4	8	192
1.127	1	567	0	50	2	96	0	9	3	76	567	4	4	302
1.143	1	603	0	52	2	103	0	8	3	68	577	4	3	308
1.150	1	621	0	51	2	106	0	7	3	68	600	4	3	309
1.200	1	752	0	41	2	121	0	3	3	58	712	4	-6	409
1.250	1	842	0	24	2	125	0	0	3	49	782	4	-15	490
1.286	1	899	0	22	2	122	0	-3	3	50	866	4	-18	726
1.300	1	903	0	6	2	119	0	-5	3	45	828	4	-18	710
1.343	1	940	0	-3	2	104	0	-8	3	36	806	4	-26	806
1.350	1	940	0	10	2	101	0	-8	3	37	818	4	-26	795
1.400	1	947	0	-11	2	73	0	-12	3	29	814	4	-35	826
1.450	1	930	0	0	2	34	0	-16	3	23	813	4	-44	826
1.464	1	929	0	-17	2	21	0	-17	3	22	831	4	-49	864
1.500	1	880	0	-31	2	-16	0	-20	3	14	728	4	-52	794
1.550	1	808	0	-33	2	-76	0	-24	3	8	679	4	-61	731
1.600	1	707	0	-48	2	-148	0	-28	3	-1	551	4	-69	640
1.643	1	613	0	-45	2	-218	0	-33	3	4	355	4	-74	573
1.650	1	592	0	-55	2	-231	0	-34	3	1	289	4	-74	545
1.690	1	483	0	-59	2	-377	0	-43	3	-8	204	4	-81	434
1.700	1	452	0	-59	2	-401	0	-44	3	-7	198	4	-81	394
1.750	1	304	0	-45	2	-530	0	-48	3	-12	114	4	-90	237

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
1.800	1	128	0	-76	2	-671	0	-53	3	-22	-53	4	-98	52		
1.821	1	48	0	-57	2	-735	0	-54	3	-24	-81	4	-100	-67		
1.850	1	-71	0	-80	2	-826	0	-57	3	-30	-191	4	-108	-160		
1.893	1	-234	0	-67	2	-992	0	-96	3	-37	-308	4	-117	-346		
1.900	1	-259	0	-67	2	-1031	0	-107	3	-38	-323	4	-117	-390		
1.950	1	-388	0	-42	2	-1337	0	-114	3	-42	-444	4	-127	-644		
2.000	1	-510	0	-46	2	-1668	0	-122	3	-46	-510	4	-136	-951		
2.000	1	-510	0	44	2	-1667	0	119	3	138	-1015	4	44	-511		
2.050	1	-348	0	39	2	-1212	0	108	3	127	-593	4	38	-349		
2.075	1	-254	0	53	2	-1002	0	102	3	121	-393	4	36	-278		
2.100	1	-117	0	71	2	-802	0	95	3	114	-238	4	32	-187		
2.125	1	32	0	67	2	-613	0	86	3	110	-38	4	26	-55		
2.150	1	152	0	75	2	-448	0	74	3	102	69	4	25	-6		
2.200	1	393	0	64	2	-238	0	43	3	90	328	4	16	157		
2.201	1	397	0	67	2	-236	0	38	3	90	334	4	16	158		
2.250	1	619	0	57	2	-95	0	31	3	86	576	4	9	517		
2.300	1	791	0	50	2	17	0	25	3	73	713	4	3	585		
2.350	1	933	0	39	2	106	0	20	3	63	850	4	-6	729		
2.375	1	1000	0	28	2	143	0	17	3	58	945	4	-16	886		
2.400	1	1040	0	31	2	174	0	14	3	54	980	4	-17	852		
2.450	1	1076	0	14	2	214	0	2	3	42	987	4	-26	878		
2.483	1	1084	0	3	2	205	0	-6	3	34	945	4	-35	982		
2.500	1	1095	0	-1	2	195	0	-8	3	38	988	4	-35	1032		
2.550	1	1061	0	-2	2	152	0	-13	3	26	919	4	-42	921		
2.600	1	998	0	-12	2	85	0	-20	3	16	853	4	-52	862		
2.625	1	962	0	-23	2	42	0	-23	3	13	853	4	-62	908		
2.650	1	887	0	-23	2	-5	0	-26	3	6	746	4	-64	783		
2.700	1	731	0	-47	2	-118	0	-31	3	-4	590	4	-75	653		
2.750	1	542	0	-55	2	-252	0	-39	3	-1	307	4	-84	501		
2.765	1	478	0	-39	2	-361	0	-47	3	-5	264	4	-86	399		
2.800	1	324	0	-47	2	-498	0	-51	3	-12	146	4	-91	189		
2.850	1	63	0	-72	2	-716	0	-58	3	-25	-80	4	-105	-43		
2.875	1	-75	0	-80	2	-835	0	-61	3	-34	-236	4	-113	-182		
2.888	1	-155	0	-72	2	-909	0	-80	3	-36	-271	4	-114	-295		
2.900	1	-221	0	-61	2	-1009	0	-107	3	-36	-301	4	-115	-406		
2.950	1	-460	0	-47	2	-1455	0	-119	3	-44	-524	4	-129	-768		
3.000	1	-658	0	-52	2	-1950	0	-128	3	-50	-697	4	-144	-1148		
3.000	1	-658	0	47	2	-1950	0	128	3	141	-1176	4	47	-658		
3.050	1	-485	0	42	2	-1464	0	115	3	130	-740	4	41	-486		
3.100	1	-234	0	72	2	-1020	0	108	3	117	-377	4	35	-309		
3.112	1	-152	0	82	2	-919	0	99	3	116	-260	4	34	-275		
3.125	1	-79	0	69	2	-843	0	59	3	113	-171	4	28	-170		
3.150	1	43	0	77	2	-727	0	56	3	105	-57	4	27	-116		
3.200	1	292	0	66	2	-516	0	49	3	93	209	4	18	57		
3.245	1	490	0	60	2	-290	0	42	3	83	439	4	6	200		
3.250	1	514	0	44	2	-274	0	35	3	89	470	4	12	427		
3.300	1	697	0	53	2	-145	0	29	3	76	618	4	6	504		
3.350	1	848	0	42	2	-38	0	24	3	65	766	4	-4	657		
3.375	1	921	0	38	2	7	0	21	3	61	867	4	-14	818		
3.400	1	953	0	31	2	47	0	18	3	55	867	4	-15	789		
3.450	1	1013	0	16	2	109	0	13	3	44	924	4	-25	853		
3.500	1	1042	0	1	2	142	0	0	3	41	980	4	-33	943		
3.504	1	1039	0	-9	2	142	0	0	3	38	947	4	-34	932		
3.550	1	1018	0	1	2	112	0	-11	3	29	881	4	-39	879		
3.600	1	964	0	-10	2	54	0	-18	3	19	824	4	-49	830		
3.625	1	933	0	-21	2	16	0	-20	3	15	828	4	-60	879		
3.650	1	863	0	-21	2	-27	0	-23	3	9	725	4	-61	759		
3.700	1	717	0	-32	2	-130	0	-29	3	-1	577	4	-73	636		
3.750	1	538	0	-52	2	-256	0	-37	3	2	304	4	-81	497		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
3.765	1	478	0	-36	2	-361	0	-44	3	-3	263	4	-83	400
3.800	1	329	0	-44	2	-492	0	-49	3	-10	151	4	-88	195
3.850	1	76	0	-70	2	-700	0	-55	3	-23	-66	4	-103	-27
3.875	1	-57	0	-78	2	-813	0	-58	3	-31	-208	4	-110	-161
3.888	1	-134	0	-70	2	-886	0	-78	3	-32	-240	4	-112	-272
3.900	1	-199	0	-59	2	-984	0	-105	3	-33	-283	4	-113	-381
3.950	1	-429	0	-44	2	-1419	0	-116	3	-40	-450	4	-126	-732
4.000	1	-611	0	-47	2	-1904	0	-126	3	-46	-618	4	-141	-1102
4.000	1	-611	0	48	2	-1904	0	127	3	140	-1128	4	46	-618
4.050	1	-428	0	45	2	-1421	0	114	3	129	-695	4	41	-448
4.100	1	-198	0	71	2	-979	0	107	3	117	-336	4	34	-274
4.113	1	-116	0	81	2	-880	0	82	3	115	-220	4	33	-240
4.125	1	-45	0	69	2	-808	0	59	3	112	-131	4	27	-135
4.150	1	90	0	56	2	-693	0	55	3	104	-22	4	23	-26
4.200	1	323	0	66	2	-485	0	49	3	93	244	4	18	88
4.232	1	461	0	56	2	-302	0	39	3	84	388	4	7	221
4.250	1	546	0	43	2	-248	0	34	3	88	503	4	11	453
4.300	1	726	0	52	2	-122	0	29	3	75	648	4	5	529
4.350	1	875	0	41	2	-17	0	23	3	65	792	4	-5	680
4.375	1	946	0	30	2	27	0	21	3	60	891	4	-14	840
4.400	1	976	0	31	2	65	0	18	3	54	891	4	-16	809
4.450	1	1034	0	16	2	125	0	12	3	44	944	4	-24	849
4.499	1	1059	0	9	2	156	0	0	3	34	955	4	-35	901
4.500	1	1059	0	1	2	156	0	0	3	40	956	4	-34	999
4.550	1	1032	0	0	2	123	0	-12	3	28	893	4	-40	893
4.600	1	975	0	-11	2	63	0	-18	3	18	833	4	-50	841
4.625	1	942	0	-22	2	24	0	-21	3	14	836	4	-61	889
4.650	1	871	0	-22	2	-20	0	-24	3	8	732	4	-62	767
4.700	1	721	0	-46	2	-126	0	-29	3	-2	581	4	-74	642
4.750	1	540	0	-53	2	-254	0	-37	3	1	305	4	-82	498
4.765	1	478	0	-37	2	-361	0	-45	3	-3	263	4	-84	399
4.800	1	328	0	-45	2	-493	0	-50	3	-11	150	4	-89	193
4.850	1	73	0	-71	2	-704	0	-56	3	-24	-70	4	-104	-32
4.875	1	-62	0	-78	2	-819	0	-59	3	-32	-213	4	-111	-167
4.888	1	-140	0	-70	2	-892	0	-78	3	-33	-246	4	-113	-279
4.900	1	-205	0	-60	2	-991	0	-106	3	-34	-289	4	-113	-388
4.950	1	-438	0	-45	2	-1430	0	-117	3	-41	-458	4	-127	-742
5.000	1	-622	0	-48	2	-1918	0	-127	3	-46	-629	4	-142	-1115
5.000	1	-622	0	48	2	-1918	0	128	3	140	-1141	4	46	-630
5.050	1	-438	0	45	2	-1434	0	114	3	129	-708	4	41	-459
5.100	1	-208	0	71	2	-991	0	107	3	117	-348	4	34	-284
5.113	1	-126	0	82	2	-892	0	82	3	115	-232	4	33	-250
5.125	1	-55	0	69	2	-820	0	59	3	112	-143	4	28	-145
5.150	1	76	0	82	2	-705	0	55	3	106	-5	4	27	-93
5.200	1	314	0	66	2	-496	0	49	3	93	234	4	18	79
5.236	1	469	0	57	2	-299	0	43	3	84	404	4	7	215
5.250	1	536	0	43	2	-257	0	35	3	89	493	4	11	445
5.300	1	717	0	52	2	-129	0	29	3	75	639	4	5	522
5.350	1	866	0	42	2	-24	0	23	3	65	784	4	-5	673
5.375	1	938	0	31	2	20	0	21	3	61	883	4	-14	833
5.400	1	969	0	31	2	58	0	18	3	54	883	4	-15	803
5.450	1	1027	0	16	2	119	0	12	3	44	937	4	-25	848
5.500	1	1053	0	1	2	151	0	0	3	40	991	4	-34	952
5.550	1	1027	0	0	2	119	0	-12	3	28	888	4	-40	888
5.600	1	970	0	-11	2	59	0	-18	3	18	829	4	-50	836
5.625	1	938	0	-22	2	20	0	-21	3	14	832	4	-61	884
5.650	1	867	0	-22	2	-23	0	-24	3	8	728	4	-62	763
5.700	1	718	0	-33	2	-128	0	-29	3	-2	579	4	-73	636
5.750	1	537	0	-53	2	-256	0	-37	3	1	303	4	-82	496

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
5.764	1	479	0	-37	2	-359	0	-45	3	-3	262	4	-84	403
5.800	1	326	0	-45	2	-494	0	-49	3	-11	148	4	-89	192
5.850	1	72	0	-71	2	-704	0	-56	3	-24	-71	4	-103	-33
5.875	1	-62	0	-78	2	-819	0	-59	3	-31	-214	4	-111	-168
5.888	1	-141	0	-70	2	-892	0	-78	3	-33	-246	4	-112	-280
5.900	1	-205	0	-60	2	-991	0	-105	3	-34	-289	4	-113	-388
5.950	1	-448	0	-43	2	-1429	0	-117	3	-41	-458	4	-127	-742
6.000	1	-628	0	-46	2	-1916	0	-126	3	-46	-628	4	-142	-1114
6.000	1	-628	0	51	2	-1916	0	128	3	141	-1140	4	47	-643
6.050	1	-437	0	45	2	-1432	0	114	3	129	-706	4	42	-469
6.100	1	-206	0	71	2	-989	0	108	3	117	-345	4	35	-286
6.112	1	-124	0	82	2	-890	0	82	3	115	-229	4	34	-252
6.125	1	-52	0	69	2	-818	0	59	3	112	-140	4	28	-143
6.150	1	80	0	82	2	-702	0	55	3	106	1	4	27	-90
6.200	1	317	0	66	2	-492	0	49	3	93	237	4	18	82
6.235	1	466	0	58	2	-300	0	43	3	84	398	4	7	217
6.250	1	540	0	43	2	-254	0	35	3	89	497	4	11	449
6.300	1	721	0	53	2	-126	0	29	3	76	643	4	5	525
6.350	1	871	0	42	2	-20	0	24	3	65	788	4	-4	677
6.375	1	943	0	37	2	24	0	21	3	61	888	4	-14	837
6.400	1	974	0	31	2	63	0	18	3	54	888	4	-15	807
6.450	1	1032	0	16	2	124	0	12	3	44	942	4	-25	857
6.500	1	1058	0	1	2	161	0	6	3	40	996	4	-34	957
6.501	1	1058	0	-9	2	161	0	6	3	38	952	4	-34	956
6.550	1	1033	0	0	2	145	0	-11	3	28	893	4	-40	894
6.600	1	977	0	-10	2	89	0	-17	3	18	834	4	-50	842
6.625	1	944	0	-21	2	52	0	-20	3	14	837	4	-60	891
6.650	1	874	0	-21	2	10	0	-23	3	8	733	4	-62	770
6.700	1	727	0	-46	2	-92	0	-29	3	-2	584	4	-74	655
6.750	1	546	0	-52	2	-217	0	-37	3	1	311	4	-82	504
6.767	1	471	0	-67	2	-273	0	-39	3	-12	161	4	-86	426
6.800	1	322	0	-46	2	-389	0	-47	3	-13	125	4	-89	201
6.850	1	78	0	-70	2	-595	0	-65	3	-23	-63	4	-103	-23
6.875	1	-57	0	-78	2	-758	0	-93	3	-31	-206	4	-111	-159
6.900	1	-200	0	-59	2	-955	0	-105	3	-33	-281	4	-113	-379
6.950	1	-445	0	-41	2	-1389	0	-115	3	-40	-445	4	-126	-733
7.000	1	-618	0	-46	2	-1868	0	-125	3	-46	-618	4	-141	-1104
7.000	1	-618	0	51	2	-1869	0	128	3	141	-1120	1	51	-618
7.050	1	-460	0	47	2	-1473	0	120	3	134	-725	4	47	-504
7.100	1	-288	0	57	2	-1108	0	110	3	124	-422	4	39	-351
7.125	1	-181	0	82	2	-936	0	86	3	117	-304	4	36	-274
7.150	1	-58	0	75	2	-824	0	60	3	114	-146	4	31	-161
7.156	1	-24	0	79	2	-800	0	59	3	113	-101	4	29	-126
7.200	1	169	0	56	2	-640	0	55	3	100	31	4	23	21
7.250	1	369	0	47	2	-472	0	50	3	90	246	4	14	175
7.280	1	472	0	65	2	-315	0	45	3	88	417	4	12	200
7.300	1	547	0	42	2	-264	0	39	3	85	483	4	5	303
7.312	1	594	0	61	2	-233	0	36	3	90	550	4	13	491
7.350	1	719	0	39	2	-151	0	32	3	79	592	4	8	605
7.400	1	865	0	31	2	-54	0	28	3	71	734	4	0	744
7.450	1	983	0	22	2	29	0	24	3	65	895	4	-7	859
7.469	1	1025	0	41	2	56	0	22	3	63	972	4	-11	910
7.500	1	1072	0	11	2	97	0	19	3	55	936	4	-15	948
7.550	1	1131	0	3	2	151	0	15	3	46	963	4	-21	1011
7.600	1	1163	0	-5	2	191	0	10	3	40	1019	4	-28	1047
7.625	1	1173	0	-14	2	206	0	8	3	35	1073	4	-36	1070
7.643	1	1166	0	5	2	214	0	6	3	31	1007	4	-37	1077
7.650	1	1157	0	-15	2	217	0	5	3	27	881	4	-37	1102
7.664	1	1143	0	-16	2	221	0	4	3	26	905	4	-38	1068

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 8 NAME: MaineDOT_Config-6

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.700	1	1128	0	-1	2	227	0	1	3	24	802	4	-45	1083
7.703	1	1128	0	-20	2	228	0	0	3	24	748	4	-50	1090
7.750	1	1049	0	-38	2	223	0	-4	3	15	661	4	-56	1013
7.800	1	929	0	-48	2	205	0	-8	3	1	478	4	-65	914
7.850	1	770	0	-66	2	174	0	-12	3	-7	365	4	-75	767
7.852	1	764	0	-66	2	173	0	-12	3	-8	364	4	-75	760
7.889	1	623	0	-59	2	141	0	-15	3	-11	343	4	-85	623
7.900	1	575	0	-87	2	129	0	-16	3	-12	301	4	-87	575
7.905	1	555	0	-62	2	125	0	-16	3	-13	298	4	-88	555
7.950	1	320	0	-99	2	71	0	-20	3	-20	72	1	-99	320
7.958	1	273	0	-99	2	62	0	-21	3	-21	62	1	-99	273
8.000	1	2	0	-51	2	-11	0	-71	3	-24	0	4	-103	-2
8.000	1	1	0	-57	2	-12	0	-84	3	-24	0	4	-110	-3
8.000	1	0	0	1	2	-9	0	20	3	25	-2	4	1	0
8.375	1	0	0	0	2	-6	0	14	3	14	-6	4	0	0
9.000	1	0	0	0	2	0	0	0	3	13	0	4	0	0

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
0.000	1	0	0	0	2	-1	0	0	3	0	0	4	-26	0
0.625	1	0	0	0	2	-11	0	-27	3	0	0	2	-27	-11
1.000	1	0	0	0	2	-18	0	-27	3	0	0	4	-29	-8
1.000	1	1	0	40	2	-18	0	65	3	90	-1	4	20	0
1.000	1	1	0	40	2	-17	0	39	3	87	0	4	20	0
1.049	1	226	0	81	2	48	0	16	1	81	226	4	16	93
1.050	1	227	0	64	2	50	0	16	3	80	225	4	16	94
1.100	1	407	0	70	2	89	0	12	3	70	407	4	11	160
1.109	1	442	0	69	2	95	0	12	1	69	442	4	7	271
1.127	1	498	0	55	2	107	0	10	3	66	498	4	3	314
1.143	1	527	0	46	2	115	0	9	3	59	510	4	2	320
1.150	1	537	0	47	2	119	0	9	3	59	531	4	3	320
1.200	1	647	0	30	2	138	0	5	3	50	631	4	-5	407
1.250	1	729	0	20	2	147	0	1	3	42	696	4	-12	468
1.286	1	776	0	17	2	147	0	-2	3	42	768	4	-15	671
1.300	1	781	0	14	2	145	0	-3	3	38	738	4	-15	658
1.343	1	809	0	3	2	134	0	-6	3	30	716	4	-23	735
1.350	1	809	0	4	2	132	0	-7	3	31	726	4	-22	725
1.400	1	814	0	-5	2	108	0	-10	3	24	723	4	-30	747
1.450	1	794	0	-9	2	74	0	-14	3	18	722	4	-38	740
1.464	1	790	0	-12	2	63	0	-15	3	17	737	4	-43	769
1.500	1	749	0	-24	2	29	0	-18	3	10	650	4	-46	705
1.550	1	685	0	-27	2	-26	0	-22	3	5	606	4	-53	644
1.600	1	594	0	-39	2	-93	0	-26	3	-3	494	4	-61	560
1.643	1	504	0	-39	2	-158	0	-31	3	1	326	4	-65	495
1.650	1	486	0	-43	2	-170	0	-31	3	-2	268	4	-65	470
1.690	1	389	0	-46	2	-314	0	-40	3	-10	184	4	-71	369
1.700	1	364	0	-46	2	-337	0	-41	3	-9	177	4	-72	334
1.750	1	231	0	-50	2	-459	0	-46	3	-14	98	4	-79	190
1.800	1	73	0	-61	2	-593	0	-50	3	-23	-49	4	-87	23
1.821	1	0	0	-61	2	-655	0	-52	3	-24	-77	4	-89	-82
1.850	1	-105	0	-68	2	-741	0	-54	3	-29	-185	4	-95	-168
1.893	1	-258	0	-55	2	-875	0	-58	3	-37	-338	4	-103	-336
1.900	1	-279	0	-56	2	-902	0	-79	3	-38	-363	4	-104	-375
1.950	1	-413	0	-42	2	-1163	0	-104	3	-42	-456	4	-113	-601

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
2.000	1	-538	0	-46	2	-1461	0	-108	1	-46	-538	4	-120	-874
2.000	4	-538	0	45	2	-1460	0	109	3	122	-919	4	45	-538
2.050	1	-369	0	40	2	-1051	0	99	3	112	-544	4	40	-370
2.075	1	-265	0	64	2	-857	0	91	3	107	-366	4	36	-285
2.100	1	-141	0	62	2	-680	0	86	3	101	-225	4	33	-192
2.125	1	-10	0	61	2	-515	0	72	3	97	-47	4	26	-54
2.150	1	106	0	63	2	-375	0	63	3	90	53	4	25	-5
2.200	1	323	0	53	2	-188	0	41	3	80	287	4	17	147
2.201	1	327	0	57	2	-186	0	36	3	80	292	4	17	148
2.250	1	519	0	52	2	-52	0	29	3	75	511	4	11	466
2.300	1	683	0	41	2	54	0	24	3	64	637	4	5	535
2.350	1	808	0	31	2	138	0	18	3	54	762	4	-3	662
2.375	1	862	0	27	2	172	0	16	3	50	845	4	-12	794
2.400	1	899	0	23	2	201	0	13	3	46	879	4	-13	769
2.450	1	937	0	12	2	237	0	3	3	35	888	4	-21	793
2.483	1	945	0	0	2	232	0	-5	3	28	846	4	-29	887
2.500	1	948	0	2	2	224	0	-7	3	32	700	4	-30	928
2.550	1	922	0	-8	2	186	0	-12	3	21	824	4	-36	831
2.600	1	862	0	-18	2	125	0	-18	3	12	606	4	-45	775
2.625	1	824	0	-31	2	86	0	-21	3	8	761	4	-54	807
2.650	1	761	0	-28	2	42	0	-24	3	3	522	4	-56	697
2.700	1	620	0	-39	2	-63	0	-29	3	-6	401	4	-66	575
2.750	1	441	0	-48	2	-191	0	-37	3	-4	280	4	-74	434
2.765	1	383	0	-23	2	-302	0	-45	3	-8	239	4	-76	343
2.800	1	243	0	-43	2	-432	0	-49	3	-15	122	4	-81	155
2.850	1	12	0	-61	2	-641	0	-55	3	-26	-83	4	-94	-60
2.875	1	-114	0	-72	2	-755	0	-58	3	-34	-224	4	-100	-186
2.888	1	-183	0	-63	2	-814	0	-60	3	-35	-259	4	-102	-287
2.900	1	-243	0	-64	2	-877	0	-79	3	-36	-294	4	-103	-386
2.950	1	-485	0	-47	2	-1268	0	-106	3	-45	-530	4	-115	-714
3.000	1	-685	0	-53	2	-1713	0	-118	3	-51	-716	4	-127	-1059
3.000	1	-685	0	48	2	-1713	0	113	3	125	-1081	4	48	-685
3.050	1	-505	0	43	2	-1273	0	105	3	115	-691	4	43	-506
3.100	1	-256	0	63	2	-886	0	80	3	104	-363	4	35	-313
3.112	1	-191	0	73	2	-822	0	58	3	103	-260	4	34	-278
3.125	1	-124	0	63	2	-765	0	57	3	100	-179	4	29	-169
3.150	1	-3	0	66	2	-653	0	53	3	93	-73	4	28	-115
3.200	1	221	0	56	2	-451	0	47	3	83	169	4	20	45
3.245	1	394	0	47	2	-228	0	40	3	74	376	4	8	184
3.250	1	413	0	55	2	-213	0	33	3	78	404	4	13	376
3.300	1	587	0	44	2	-91	0	28	3	67	542	4	8	454
3.350	1	723	0	34	2	9	0	22	3	57	677	4	-1	590
3.375	1	783	0	30	2	51	0	20	3	53	765	4	-9	726
3.400	1	819	0	24	2	87	0	17	3	47	772	4	-11	705
3.450	1	874	0	15	2	143	0	11	3	38	824	4	-20	761
3.500	1	894	0	5	2	172	0	0	3	34	692	4	-27	836
3.504	1	892	0	-5	2	172	0	0	3	32	848	4	-28	827
3.550	1	878	0	-6	2	146	0	-10	3	23	786	4	-33	788
3.600	1	828	0	-15	2	95	0	-16	3	14	576	4	-43	741
3.625	1	795	0	-29	2	60	0	-19	3	11	735	4	-52	778
3.650	1	737	0	-25	2	20	0	-22	3	5	501	4	-53	674
3.700	1	606	0	-35	2	-76	0	-27	3	-4	389	4	-64	559
3.750	1	437	0	-46	2	-194	0	-34	3	-2	277	4	-72	430
3.765	1	383	0	-21	2	-301	0	-42	3	-5	239	4	-74	344
3.800	1	248	0	-41	2	-426	0	-46	3	-12	127	4	-79	161
3.850	1	26	0	-59	2	-624	0	-53	3	-24	-69	4	-91	-44
3.875	1	-96	0	-70	2	-733	0	-56	3	-32	-211	4	-98	-165
3.888	1	-162	0	-60	2	-789	0	-57	3	-33	-243	4	-99	-264
3.900	1	-220	0	-61	2	-850	0	-76	3	-33	-271	4	-100	-360

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
3.950	1	-453	0	-45	2	-1232	0	-104	3	-42	-486	4	-112	-678		
4.000	1	-639	0	-48	2	-1666	0	-116	3	-47	-645	4	-125	-1013		
4.000	1	-639	0	49	2	-1666	0	112	3	124	-1034	4	47	-644		
4.050	1	-453	0	45	2	-1230	0	105	3	114	-647	4	42	-468		
4.100	1	-220	0	62	2	-847	0	80	3	103	-321	4	35	-277		
4.113	1	-156	0	72	2	-786	0	58	3	102	-219	4	33	-243		
4.125	1	-89	0	63	2	-729	0	56	3	99	-140	4	28	-135		
4.150	1	34	0	39	2	-619	0	53	3	92	-38	4	24	-37		
4.200	1	251	0	55	2	-419	0	46	3	82	203	4	19	75		
4.232	1	373	0	47	2	-237	0	37	3	74	335	4	9	203		
4.250	1	445	0	54	2	-187	0	33	3	77	437	4	13	403		
4.300	1	617	0	43	2	-67	0	27	3	66	571	4	7	479		
4.350	1	749	0	33	2	30	0	22	3	56	703	4	-2	612		
4.375	1	807	0	29	2	71	0	19	3	52	790	4	-10	747		
4.400	1	842	0	23	2	106	0	16	3	47	795	4	-11	725		
4.450	1	893	0	14	2	159	0	10	3	37	844	4	-20	761		
4.499	1	911	0	13	2	186	0	0	3	28	849	4	-29	813		
4.500	1	911	0	4	2	186	0	0	3	33	668	4	-28	892		
4.550	1	892	0	-7	2	158	0	-10	3	22	798	4	-34	802		
4.600	1	838	0	-16	2	104	0	-17	3	14	586	4	-43	752		
4.625	1	804	0	-29	2	68	0	-19	3	10	743	4	-52	787		
4.650	1	744	0	-26	2	27	0	-22	3	5	508	4	-54	681		
4.700	1	610	0	-37	2	-72	0	-28	3	-5	393	4	-65	565		
4.750	1	438	0	-47	2	-193	0	-35	3	-2	278	4	-73	431		
4.765	1	383	0	-22	2	-302	0	-43	3	-6	239	4	-74	343		
4.800	1	246	0	-42	2	-427	0	-47	3	-13	126	4	-79	159		
4.850	1	22	0	-60	2	-629	0	-53	3	-24	-72	4	-92	-48		
4.875	1	-101	0	-70	2	-738	0	-56	3	-32	-216	4	-99	-171		
4.888	1	-168	0	-61	2	-796	0	-58	3	-33	-249	4	-100	-270		
4.900	1	-227	0	-62	2	-857	0	-77	3	-34	-277	4	-101	-368		
4.950	1	-463	0	-46	2	-1243	0	-105	3	-42	-495	4	-113	-689		
5.000	1	-650	0	-49	2	-1680	0	-116	3	-48	-656	4	-126	-1026		
5.000	1	-650	0	49	2	-1680	0	113	3	125	-1047	4	48	-656		
5.050	1	-463	0	45	2	-1242	0	105	3	115	-659	4	42	-479		
5.100	1	-230	0	62	2	-859	0	80	3	104	-333	4	35	-288		
5.113	1	-166	0	72	2	-798	0	58	3	102	-231	4	34	-254		
5.125	1	-99	0	63	2	-741	0	56	3	99	-151	4	28	-145		
5.150	1	24	0	66	2	-630	0	53	3	94	-25	4	27	-92		
5.200	1	242	0	55	2	-430	0	47	3	82	193	4	19	66		
5.236	1	381	0	48	2	-235	0	40	3	74	347	4	9	197		
5.250	1	435	0	55	2	-196	0	33	3	78	427	4	13	395		
5.300	1	608	0	43	2	-75	0	27	3	66	562	4	7	471		
5.350	1	741	0	33	2	23	0	22	3	56	695	4	-2	605		
5.375	1	800	0	29	2	64	0	19	3	52	782	4	-10	740		
5.400	1	835	0	24	2	99	0	16	3	47	787	4	-11	718		
5.450	1	887	0	14	2	153	0	10	3	37	838	4	-20	759		
5.500	1	905	0	4	2	181	0	0	3	33	702	4	-28	846		
5.550	1	886	0	-6	2	153	0	-10	3	23	793	4	-34	797		
5.600	1	834	0	-16	2	100	0	-17	3	14	582	4	-43	748		
5.625	1	799	0	-29	2	65	0	-19	3	10	740	4	-52	783		
5.650	1	740	0	-26	2	24	0	-22	3	5	504	4	-54	677		
5.700	1	607	0	-36	2	-74	0	-27	3	-4	390	4	-64	559		
5.750	1	436	0	-46	2	-194	0	-35	3	-2	276	4	-72	429		
5.764	1	382	0	-35	2	-300	0	-42	3	-6	238	4	-74	346		
5.800	1	245	0	-42	2	-428	0	-47	3	-13	125	4	-79	157		
5.850	1	21	0	-59	2	-629	0	-53	3	-24	-73	4	-92	-49		
5.875	1	-102	0	-70	2	-738	0	-56	3	-32	-216	4	-98	-172		
5.888	1	-168	0	-61	2	-795	0	-58	3	-33	-249	4	-100	-271		
5.900	1	-227	0	-62	2	-857	0	-77	3	-34	-277	4	-101	-368		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
5.950	1	-471	0	-44	2	-1242	0	-104	3	-42	-494	4	-113	-688
6.000	1	-654	0	-48	2	-1678	0	-116	3	-48	-655	4	-125	-1025
6.000	1	-655	0	51	2	-1678	0	113	3	125	-1046	4	48	-666
6.050	1	-461	0	46	2	-1241	0	105	3	115	-657	4	43	-499
6.100	1	-228	0	63	2	-857	0	80	3	104	-331	4	35	-289
6.112	1	-164	0	72	2	-796	0	58	3	102	-228	4	34	-255
6.125	1	-97	0	63	2	-738	0	56	3	100	-148	4	28	-143
6.150	1	27	0	66	2	-628	0	53	3	94	-19	4	27	-89
6.200	1	245	0	55	2	-427	0	47	3	82	196	4	19	69
6.235	1	378	0	48	2	-236	0	40	3	74	343	4	9	200
6.250	1	439	0	55	2	-192	0	33	3	78	431	4	13	398
6.300	1	612	0	43	2	-72	0	27	3	66	566	4	7	475
6.350	1	746	0	33	2	27	0	22	3	56	700	4	-2	609
6.375	1	804	0	29	2	68	0	19	3	52	787	4	-10	744
6.400	1	840	0	24	2	104	0	16	3	47	792	4	-11	723
6.450	1	892	0	14	2	158	0	10	3	37	843	4	-20	767
6.500	1	911	0	4	2	189	0	5	3	34	708	4	-28	851
6.501	1	910	0	-13	2	189	0	5	3	31	855	4	-28	849
6.550	1	892	0	-6	2	175	0	-10	3	23	798	4	-34	803
6.600	1	840	0	-16	2	124	0	-16	3	14	588	4	-43	754
6.625	1	806	0	-29	2	90	0	-18	3	10	746	4	-52	790
6.650	1	747	0	-26	2	51	0	-21	3	5	510	4	-54	684
6.700	1	614	0	-37	2	-45	0	-27	3	-4	396	4	-64	576
6.750	1	445	0	-50	2	-162	0	-34	3	-2	284	4	-72	437
6.767	1	378	0	-53	2	-223	0	-37	3	-13	144	4	-76	366
6.800	1	248	0	-48	2	-334	0	-45	3	-15	105	4	-79	166
6.850	1	28	0	-59	2	-526	0	-51	3	-24	-67	4	-92	-40
6.875	1	-96	0	-70	2	-648	0	-77	3	-32	-209	4	-98	-163
6.900	1	-221	0	-62	2	-817	0	-93	3	-34	-269	4	-101	-359
6.950	1	-466	0	-42	2	-1208	0	-104	3	-42	-483	4	-112	-680
7.000	1	-644	0	-47	2	-1639	0	-115	3	-47	-645	4	-125	-1015
7.000	1	-644	0	52	2	-1641	0	115	3	125	-1030	4	52	-644
7.050	1	-486	0	47	2	-1284	0	109	3	119	-677	4	47	-514
7.100	1	-313	0	58	2	-954	0	98	3	110	-405	4	39	-345
7.125	1	-209	0	64	2	-838	0	60	3	104	-298	4	36	-268
7.150	1	-102	0	62	2	-743	0	58	3	101	-156	4	31	-155
7.156	1	-70	0	64	2	-720	0	57	3	101	-116	4	30	-125
7.200	1	104	0	51	2	-566	0	52	3	89	9	4	24	9
7.250	1	285	0	48	2	-406	0	47	3	81	205	4	16	152
7.280	1	383	0	51	2	-247	0	42	3	78	357	4	14	180
7.300	1	447	0	45	2	-199	0	36	3	75	423	4	8	278
7.312	1	489	0	53	2	-171	0	34	3	79	477	4	15	438
7.350	1	603	0	42	2	-92	0	31	3	70	522	4	10	541
7.400	1	735	0	34	2	-1	0	26	3	62	652	4	3	665
7.450	1	842	0	27	2	77	0	22	3	57	797	4	-4	768
7.469	1	879	0	32	2	102	0	21	3	55	864	4	-7	812
7.500	1	922	0	14	2	140	0	18	3	48	841	4	-10	847
7.550	1	977	0	8	2	190	0	13	3	40	873	4	-17	901
7.600	1	1008	0	1	2	225	0	9	3	34	925	4	-23	933
7.625	1	1016	0	-7	2	238	0	6	3	30	972	4	-30	951
7.643	1	1010	0	4	2	244	0	5	3	26	911	4	-31	965
7.650	1	1005	0	-9	2	246	0	4	3	23	809	4	-31	986
7.664	1	997	0	-10	2	250	0	3	3	22	829	4	-32	957
7.700	1	981	0	-2	2	253	0	0	3	21	740	4	-38	966
7.703	1	980	0	-16	2	253	0	-1	3	20	700	4	-42	971
7.750	1	912	0	-40	2	244	0	-5	3	12	624	4	-48	903
7.800	1	812	0	-57	2	222	0	-9	3	1	475	4	-57	812
7.850	1	679	0	-66	2	186	0	-13	3	-7	375	4	-66	679
7.852	1	673	0	-66	2	185	0	-13	3	-7	374	4	-66	673

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 9 NAME: MaineDOT_Config-7

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
7.889	1	550	0	-63	2	150	0	-16	3	-10	355	4	-74	550
7.900	1	507	0	-76	2	138	0	-17	3	-12	311	4	-76	507
7.905	1	489	0	-77	2	132	0	-18	3	-12	308	1	-77	489
7.950	1	281	0	-86	2	76	0	-21	3	-21	76	1	-86	281
7.958	1	240	0	-87	2	64	0	-25	3	-22	65	1	-87	240
8.000	1	1	0	-45	2	-11	0	-62	3	-26	0	4	-91	-2
8.000	1	1	0	-52	2	-12	0	-62	3	-26	0	4	-96	-2
8.000	1	0	0	1	2	-10	0	21	3	27	-2	4	1	0
8.375	1	0	0	0	2	-6	0	15	2	15	-6	4	0	0
9.000	1	0	0	0	2	0	0	0	3	14	0	1	0	

STRENGTH-I LEGAL

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
0.000	1	0	0	0	2	0	0	0	3	0	0	4	-28	0		
0.625	1	0	0	0	2	-12	0	-28	3	0	0	2	-28	-12		
1.000	1	0	0	0	2	-19	0	-29	3	0	0	4	-30	-9		
1.000	1	0	0	35	2	-19	0	43	3	69	0	4	22	0		
1.000	1	1	0	34	2	-18	0	41	3	67	0	4	22	0		
1.049	1	174	0	62	2	50	0	23	1	62	174	4	17	126		
1.050	1	175	0	44	2	52	0	22	3	61	174	4	17	99		
1.100	1	315	0	53	2	101	0	14	1	53	315	4	12	208		
1.109	1	342	0	52	2	108	0	14	1	52	342	4	9	244		
1.127	1	385	0	50	2	121	0	12	1	50	385	4	7	274		
1.143	1	405	0	29	2	131	0	11	3	45	399	4	6	281		
1.150	1	415	0	44	2	136	0	11	3	44	415	4	6	283		
1.200	1	496	0	37	2	161	0	7	3	37	496	4	0	342		
1.250	1	558	0	15	2	176	0	3	3	31	548	4	-7	394		
1.286	1	603	0	0	2	180	0	0	3	30	600	4	-9	537		
1.300	1	602	0	-1	2	180	0	-1	3	26	582	4	-10	529		
1.343	1	621	0	-7	2	174	0	-4	3	20	559	4	-15	591		
1.350	1	613	0	-6	2	173	0	-4	3	20	566	4	-16	585		
1.400	1	616	0	-13	2	156	0	-8	3	15	563	4	-22	594		
1.450	1	598	0	3	2	128	0	-12	3	10	557	4	-28	581		
1.464	1	600	0	-10	2	118	0	-13	3	9	564	4	-32	595		
1.500	1	555	0	-30	2	90	0	-16	3	3	502	4	-35	546		
1.550	1	500	0	-25	2	41	0	-19	3	-2	462	4	-41	491		
1.600	1	421	0	-43	2	-18	0	-23	3	-8	374	4	-47	416		
1.643	1	357	0	-22	2	-77	0	-27	3	-6	247	4	-51	355		
1.650	1	337	0	-51	2	-88	0	-28	3	-8	206	4	-51	335		
1.690	1	252	0	-53	2	-212	0	-36	3	-14	133	4	-57	250		
1.700	1	223	0	-50	2	-233	0	-37	3	-14	124	4	-57	220		
1.750	1	121	0	-32	2	-344	0	-42	3	-19	43	4	-64	96		
1.800	1	-21	0	-66	2	-467	0	-46	3	-26	-93	4	-70	-47		
1.821	1	-71	0	-40	2	-523	0	-48	3	-28	-125	4	-72	-132		
1.850	1	-170	0	-72	2	-602	0	-50	3	-31	-204	4	-77	-209		
1.893	1	-293	0	-66	2	-730	0	-54	3	-37	-336	4	-83	-352		
1.900	1	-317	0	-57	2	-752	0	-55	3	-37	-350	4	-84	-384		
1.950	1	-448	0	-43	2	-937	0	-85	3	-42	-474	4	-91	-577		
2.000	1	-574	0	-47	2	-1184	0	-91	1	-47	-574	4	-97	-804		
2.000	1	-574	0	47	2	-1184	0	91	3	99	-829	1	47	-574		
2.050	1	-394	0	41	2	-840	0	81	3	91	-512	4	41	-394		
2.075	1	-292	0	51	2	-678	0	77	3	86	-364	4	38	-299		
2.100	1	-194	0	54	2	-526	0	70	3	81	-242	4	35	-208		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
2.125	1	-70	0	43	2	-394	0	62	3	78	-97	4	30	-101		
2.150	1	19	0	61	2	-288	0	44	3	72	-3	4	28	-45		
2.200	1	201	0	55	2	-123	0	38	3	63	198	4	21	105		
2.201	1	205	0	59	2	-117	0	34	3	63	202	4	20	106		
2.250	1	383	0	29	2	5	0	27	3	59	383	4	15	353		
2.300	1	509	0	44	2	104	0	22	3	49	501	4	10	433		
2.350	1	615	0	36	2	182	0	17	3	41	606	4	2	533		
2.375	1	673	0	15	2	212	0	14	3	37	670	4	-4	525		
2.400	1	704	0	29	2	237	0	11	3	34	700	4	-6	615		
2.450	1	728	0	14	2	269	0	3	3	25	716	4	-13	640		
2.483	1	731	0	-9	2	267	0	-3	3	18	673	4	-20	718		
2.500	1	747	0	-3	2	262	0	-5	3	20	579	4	-20	743		
2.550	1	715	0	0	2	232	0	-10	3	12	546	4	-26	673		
2.600	1	661	0	-8	2	179	0	-16	3	4	500	4	-34	621		
2.625	1	634	0	-19	2	145	0	-19	3	1	490	4	-41	630		
2.650	1	575	0	-16	2	105	0	-21	3	-3	426	4	-43	546		
2.700	1	447	0	-25	2	10	0	-27	3	-11	321	4	-52	438		
2.750	1	305	0	-30	2	-108	0	-33	3	-12	208	4	-59	305		
2.765	1	253	0	-29	2	-204	0	-41	3	-14	169	4	-61	233		
2.800	1	133	0	-34	2	-324	0	-45	3	-20	64	4	-66	76		
2.850	1	-78	0	-54	2	-517	0	-51	3	-30	-129	4	-76	-116		
2.875	1	-183	0	-70	2	-623	0	-54	3	-36	-241	4	-81	-230		
2.888	1	-249	0	-51	2	-678	0	-56	3	-37	-278	4	-83	-312		
2.900	1	-299	0	-52	2	-735	0	-58	3	-38	-315	4	-84	-393		
2.950	1	-517	0	-48	2	-1025	0	-88	3	-46	-531	4	-94	-676		
3.000	1	-721	0	-53	2	-1398	0	-98	3	-52	-740	4	-104	-979		
3.000	1	-721	0	50	2	-1399	0	96	3	102	-994	1	50	-721		
3.050	1	-528	0	44	2	-1032	0	87	3	94	-660	4	44	-528		
3.100	1	-312	0	51	2	-745	0	56	3	84	-381	4	37	-328		
3.112	1	-246	0	72	2	-689	0	54	3	83	-297	4	36	-292		
3.125	1	-186	0	46	2	-636	0	53	3	81	-231	4	32	-219		
3.150	1	-92	0	64	2	-532	0	50	3	75	-131	4	31	-158		
3.200	1	99	0	56	2	-343	0	43	3	66	79	4	23	2		
3.245	1	255	0	51	2	-144	0	36	3	59	254	4	14	132		
3.250	1	276	0	32	2	-131	0	31	3	61	276	4	17	261		
3.300	1	413	0	47	2	-19	0	25	3	52	404	4	12	350		
3.350	1	530	0	39	2	72	0	20	3	44	520	4	4	459		
3.375	1	593	0	17	2	109	0	17	3	40	589	4	-2	454		
3.400	1	615	0	25	2	141	0	15	3	35	604	4	-4	550		
3.450	1	665	0	17	2	188	0	9	3	27	652	4	-11	599		
3.500	1	692	0	0	2	211	0	0	3	23	570	4	-18	650		
3.504	1	688	0	-12	2	212	0	0	3	21	557	4	-18	644		
3.550	1	671	0	3	2	192	0	-8	3	14	507	4	-24	629		
3.600	1	627	0	-6	2	149	0	-14	3	6	470	4	-32	587		
3.625	1	605	0	-16	2	119	0	-16	3	3	465	4	-39	601		
3.650	1	550	0	-14	2	84	0	-19	3	-1	405	4	-41	522		
3.700	1	438	0	-22	2	-3	0	-24	3	-9	309	4	-50	422		
3.750	1	301	0	-27	2	-111	0	-31	3	-9	204	4	-57	301		
3.765	1	253	0	-26	2	-204	0	-38	3	-12	169	4	-59	233		
3.800	1	139	0	-32	2	-318	0	-43	3	-18	69	4	-63	82		
3.850	1	-64	0	-52	2	-500	0	-49	3	-28	-115	4	-74	-100		
3.875	1	-165	0	-67	2	-601	0	-52	3	-33	-223	4	-79	-208		
3.888	1	-229	0	-49	2	-653	0	-53	3	-35	-257	4	-80	-288		
3.900	1	-276	0	-49	2	-708	0	-55	3	-35	-291	4	-81	-367		
3.950	1	-485	0	-46	2	-989	0	-86	3	-43	-491	4	-91	-639		
4.000	1	-677	0	-50	2	-1352	0	-95	3	-49	-680	4	-102	-932		
4.000	1	-677	0	50	2	-1352	0	96	3	101	-947	4	49	-680		
4.050	1	-484	0	46	2	-988	0	86	3	93	-616	4	43	-490		
4.100	1	-277	0	50	2	-706	0	55	3	84	-340	4	37	-290		

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR		COMB NO	MIN SHEAR	
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)		V (kips)	COR M (ft-k)
4.113	1	-211	0	71	2	-652	0	54	3	82	-257	4	35	-257
4.125	1	-151	0	45	2	-599	0	52	3	80	-191	4	31	-185
4.150	1	-45	0	41	2	-497	0	49	3	75	-94	4	28	-90
4.200	1	129	0	55	2	-310	0	43	3	66	113	4	22	32
4.232	1	234	0	33	2	-150	0	33	3	59	227	4	15	145
4.250	1	308	0	31	2	-104	0	30	3	61	308	4	17	289
4.300	1	442	0	46	2	5	0	25	3	51	434	4	11	375
4.350	1	556	0	38	2	93	0	19	3	43	546	4	4	481
4.375	1	617	0	17	2	129	0	17	3	39	614	4	-3	475
4.400	1	638	0	24	2	160	0	14	3	35	627	4	-4	570
4.450	1	684	0	16	2	205	0	8	3	26	672	4	-11	605
4.499	1	708	0	12	2	226	0	0	3	18	663	4	-19	655
4.500	1	709	0	-1	2	226	0	0	3	22	546	4	-19	705
4.550	1	684	0	2	2	204	0	-9	3	13	519	4	-25	643
4.600	1	637	0	-6	2	158	0	-14	3	6	480	4	-33	598
4.625	1	614	0	-17	2	127	0	-17	3	2	473	4	-39	610
4.650	1	558	0	-15	2	90	0	-20	3	-2	411	4	-41	530
4.700	1	437	0	-24	2	1	0	-25	3	-9	313	4	-50	427
4.750	1	303	0	-28	2	-110	0	-32	3	-10	206	4	-58	303
4.765	1	253	0	-27	2	-204	0	-39	3	-13	169	4	-59	232
4.800	1	137	0	-33	2	-319	0	-43	3	-19	68	4	-64	80
4.850	1	-67	0	-53	2	-505	0	-49	3	-28	-119	4	-74	-105
4.875	1	-170	0	-68	2	-607	0	-52	3	-34	-228	4	-80	-214
4.888	1	-235	0	-50	2	-660	0	-54	3	-35	-262	4	-81	-295
4.900	1	-282	0	-43	2	-716	0	-56	3	-36	-298	4	-82	-374
4.950	1	-494	0	-47	2	-999	0	-87	3	-43	-500	4	-92	-649
5.000	1	-688	0	-50	2	-1365	0	-96	3	-50	-692	4	-102	-946
5.000	1	-688	0	50	2	-1365	0	95	3	102	-960	4	49	-692
5.050	1	-495	0	47	2	-1001	0	86	3	93	-629	4	44	-501
5.100	1	-287	0	50	2	-718	0	55	3	84	-352	4	37	-303
5.113	1	-221	0	72	2	-664	0	54	3	82	-269	4	35	-267
5.125	1	-162	0	45	2	-611	0	52	3	80	-203	4	32	-195
5.150	1	-59	0	66	2	-508	0	49	3	76	-91	4	30	-134
5.200	1	120	0	55	2	-321	0	43	3	66	103	4	23	23
5.236	1	239	0	51	2	-148	0	37	3	59	235	4	14	141
5.250	1	299	0	31	2	-113	0	30	3	61	299	4	17	281
5.300	1	433	0	47	2	-2	0	25	3	51	425	4	11	367
5.350	1	547	0	38	2	86	0	19	3	43	538	4	4	474
5.375	1	609	0	17	2	123	0	17	3	39	606	4	-2	469
5.400	1	630	0	24	2	153	0	14	3	35	619	4	-4	563
5.450	1	677	0	16	2	199	0	9	3	27	665	4	-11	602
5.500	1	703	0	-1	2	220	0	0	3	22	581	4	-18	659
5.550	1	679	0	2	2	199	0	-8	3	13	515	4	-24	638
5.600	1	633	0	-6	2	154	0	-14	3	6	476	4	-32	593
5.625	1	609	0	-17	2	123	0	-17	3	2	469	4	-39	606
5.650	1	554	0	-15	2	87	0	-20	3	-2	408	4	-41	526
5.700	1	439	0	-23	2	-1	0	-25	3	-9	310	4	-50	423
5.750	1	300	0	-28	2	-111	0	-32	3	-10	203	4	-57	300
5.764	1	253	0	-27	2	-203	0	-39	3	-13	168	4	-59	234
5.800	1	136	0	-33	2	-320	0	-43	3	-18	66	4	-64	79
5.850	1	-68	0	-53	2	-505	0	-49	3	-28	-120	4	-74	-106
5.875	1	-171	0	-68	2	-607	0	-52	3	-34	-228	4	-79	-215
5.888	1	-235	0	-50	2	-660	0	-54	3	-35	-263	4	-81	-295
5.900	1	-282	0	-43	2	-715	0	-56	3	-36	-298	4	-82	-375
5.950	1	-497	0	-47	2	-999	0	-87	3	-43	-500	4	-92	-649
6.000	1	-690	0	-49	2	-1364	0	-96	1	-49	-690	4	-102	-945
6.000	1	-690	0	52	2	-1364	0	96	3	102	-959	4	50	-698
6.050	1	-494	0	47	2	-999	0	86	3	93	-627	4	44	-503
6.100	1	-285	0	51	2	-716	0	56	3	84	-349	4	37	-301

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----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)

MULTI LANE WITH IMPACT

LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	COR M (ft-k)		V (kips)	COR M (ft-k)	COR M (ft-k)
6.112	1	-219	0	72	2	-661	0	54	3	82	-266	4	36	-265		
6.125	1	-159	0	45	2	-608	0	53	3	80	-200	4	32	-193		
6.150	1	-55	0	66	2	-505	0	49	3	76	-86	4	30	-132		
6.200	1	123	0	55	2	-318	0	43	3	66	106	4	23	26		
6.235	1	236	0	51	2	-149	0	37	3	59	232	4	15	143		
6.250	1	302	0	31	2	-109	0	30	3	61	302	4	17	284		
6.300	1	437	0	47	2	1	0	25	3	51	429	4	11	371		
6.350	1	552	0	38	2	90	0	20	3	43	543	4	4	478		
6.375	1	614	0	17	2	127	0	17	3	39	611	4	-2	473		
6.400	1	635	0	24	2	158	0	14	3	35	624	4	-4	568		
6.450	1	683	0	16	2	204	0	9	3	27	670	4	-11	609		
6.500	1	709	0	-1	2	228	0	3	3	22	587	4	-18	664		
6.501	1	708	0	-12	2	228	0	3	3	21	568	4	-18	663		
6.550	1	685	0	2	2	215	0	-8	3	14	520	4	-24	644		
6.600	1	639	0	-6	2	172	0	-14	3	6	481	4	-32	600		
6.625	1	616	0	-17	2	141	0	-16	3	3	475	4	-39	613		
6.650	1	561	0	-14	2	106	0	-19	3	-2	415	4	-41	533		
6.700	1	442	0	-39	2	19	0	-25	3	-9	317	4	-50	436		
6.750	1	308	0	-28	2	-89	0	-31	3	-10	210	4	-57	308		
6.767	1	248	0	-60	2	-153	0	-34	3	-17	106	4	-60	248		
6.800	1	134	0	-34	2	-258	0	-42	3	-19	57	4	-64	88		
6.850	1	-61	0	-52	2	-438	0	-48	3	-28	-112	4	-74	-97		
6.875	1	-164	0	-68	2	-539	0	-51	3	-34	-221	4	-79	-207		
6.900	1	-275	0	-50	2	-649	0	-73	3	-36	-291	4	-82	-366		
6.950	1	-489	0	-43	2	-976	0	-85	3	-43	-490	4	-91	-639		
7.000	1	-680	0	-49	2	-1338	0	-95	1	-49	-680	4	-102	-934		
7.000	1	-680	0	52	2	-1337	0	96	3	102	-945	4	52	-716		
7.050	1	-520	0	48	2	-1040	0	90	3	97	-652	4	47	-545		
7.100	1	-345	0	60	2	-791	0	59	3	89	-417	4	40	-357		
7.125	1	-265	0	62	2	-699	0	56	3	84	-322	4	37	-285		
7.150	1	-162	0	65	2	-610	0	54	3	82	-205	4	34	-195		
7.156	1	-134	0	46	2	-589	0	53	3	81	-172	4	33	-174		
7.200	1	15	0	41	2	-444	0	49	3	72	-50	4	28	-44		
7.250	1	170	0	34	2	-295	0	44	3	65	119	4	21	93		
7.280	1	243	0	54	2	-156	0	39	3	62	242	4	18	131		
7.300	1	309	0	32	2	-112	0	33	3	60	299	4	14	207		
7.312	1	346	0	33	2	-86	0	32	3	63	343	4	19	320		
7.350	1	442	0	29	2	-14	0	28	3	55	396	4	15	408		
7.400	1	556	0	22	2	71	0	24	3	49	509	4	9	513		
7.450	1	647	0	15	2	141	0	20	3	44	627	4	3	599		
7.469	1	680	0	19	2	164	0	18	3	42	678	4	0	529		
7.500	1	716	0	5	2	198	0	16	3	36	674	4	-3	665		
7.550	1	764	0	-2	2	241	0	11	3	30	709	4	-8	712		
7.600	1	791	0	-9	2	271	0	7	3	24	753	4	-14	738		
7.625	1	801	0	3	2	281	0	4	3	20	786	4	-19	750		
7.643	1	798	0	8	2	285	0	3	3	18	731	4	-21	776		
7.650	1	791	0	-17	2	286	0	2	3	16	665	4	-21	789		
7.664	1	776	0	-18	2	288	0	1	3	14	679	4	-22	770		
7.700	1	777	0	2	2	287	0	-2	3	13	616	4	-27	773		
7.703	1	777	0	0	2	287	0	-3	3	12	592	4	-30	775		
7.750	1	723	0	-35	2	272	0	-7	3	5	534	4	-36	720		
7.800	1	645	0	-43	2	244	0	-11	3	-4	415	4	-43	645		
7.850	1	538	0	-50	2	203	0	-15	3	-10	342	1	-50	538		
7.852	1	533	0	-50	2	202	0	-15	3	-10	341	4	-50	533		
7.889	1	434	0	-57	2	162	0	-18	3	-13	313	1	-57	434		
7.900	1	399	0	-58	2	149	0	-19	3	-14	283	1	-58	399		
7.905	1	385	0	-59	2	143	0	-19	3	-15	278	1	-59	385		
7.950	1	220	0	-67	2	79	0	-25	3	-23	81	1	-67	220		
7.958	1	188	0	-67	2	67	0	-26	3	-24	70	1	-67	188		
8.000	1	1	0	-37	2	-11	0	-46	3	-28	0	4	-72	-1		

----- FACTORED FORCE SUMMARY -----

STRENGTH-I LEGAL (Cont'd)
 MULTI LANE WITH IMPACT
 LL CASE: 10 NAME: MaineDOT_Config-8

SPAN.LOC FRAC	COMB NO	MAX MOMENT			COMB NO	MIN MOMENT			COMB NO	MAX SHEAR			COMB NO	MIN SHEAR		
		M (ft-k)	COR ML (ft-k)	COR V (kips)		M (ft-k)	COR ML (ft-k)	COR V (kips)		V (kips)	COR M (ft-k)	V (kips)		COR M (ft-k)		
8.000	1	1	0	-44	2	-12	0	-46	3	-28	0	4	-75	-1		
8.000	1	0	0	1	2	-10	0	22	3	26	0	4	1	0		
8.375	1	0	0	0	2	-6	0	16	2	16	-6	4	0	0		
9.000	1	0	0	0	2	0	0	0	3	15	0	1	0	0		

----- FINAL RATING RESULTS - SUMMARY OF GIRDER RESULTS -----

RATING CODES
 CODE 0 None
 CODE 4 Moment
 CODE 5 Shear
 CODE 6 Interaction

LL CASE NUMBER: 1 LL CASE NAME: HL-93-ED
 TOTAL AXLE WEIGHT = 36.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 3.000 INVENTORY STRENGTH RATING = Factor 0.65234 Tons 23.484 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1050.120 1.825
 MIN MOMENT CORRESPONDING SHEAR = -5096.204 -29.072
 MAX SHEAR CORRESPONDING MOMENT = 2.879 753.046
 MIN SHEAR CORRESPONDING MOMENT = -46.990 -3732.384
 SPAN LOC. = 3.000 OPERATING STRENGTH RATING = Factor 0.84570 Tons 30.445 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1361.383 2.365
 MIN MOMENT CORRESPONDING SHEAR = -6606.755 -37.689
 MAX SHEAR CORRESPONDING MOMENT = 3.732 976.255
 MIN SHEAR CORRESPONDING MOMENT = -60.919 -4838.689

LL CASE NUMBER: 2 LL CASE NAME: HL-93-ED
 TOTAL AXLE WEIGHT = 36.000 (Tons)

LOADING CONDITION: ONE LANE WITH IMPACT

LL CASE NUMBER: 3 LL CASE NAME: MaineDOT_Config-1
 TOTAL AXLE WEIGHT = 50.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 0.82812 Tons 41.406 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1041.570 1.507
 MIN MOMENT CORRESPONDING SHEAR = -4652.358 -23.735
 MAX SHEAR CORRESPONDING MOMENT = 2.587 613.443
 MIN SHEAR CORRESPONDING MOMENT = -51.319 -3602.219

LL CASE NUMBER: 4 LL CASE NAME: MaineDOT_Config-2
 TOTAL AXLE WEIGHT = 47.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 3.000 LEGAL TK STRENGTH RATING = Factor 0.91797 Tons 43.145 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1121.210 1.632
 MIN MOMENT CORRESPONDING SHEAR = -5192.065 -33.744
 MAX SHEAR CORRESPONDING MOMENT = 2.865 679.530
 MIN SHEAR CORRESPONDING MOMENT = -54.619 -3401.765

LL CASE NUMBER: 5 LL CASE NAME: MaineDOT_Config-3
 TOTAL AXLE WEIGHT = 44.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT

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SPAN LOC. = 7.000 LEGAL TK STRENGTH RATING = Factor 0.83984 Tons 36.953 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1035.002 4.480
 MIN MOMENT CORRESPONDING SHEAR = -4431.837 -33.044
 MAX SHEAR CORRESPONDING MOMENT = 4.480 1035.002
 MIN SHEAR CORRESPONDING MOMENT = -49.921 -3249.511

LL CASE NUMBER: 6 LL CASE NAME: MaineDOT_Config-4
 TOTAL AXLE WEIGHT = 44.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 7.000 LEGAL TK STRENGTH RATING = Factor 0.84766 Tons 37.297 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1032.104 -1.445
 MIN MOMENT CORRESPONDING SHEAR = -4406.109 23.116
 MAX SHEAR CORRESPONDING MOMENT = 51.507 -3133.652
 MIN SHEAR CORRESPONDING MOMENT = -1.445 1032.104

LL CASE NUMBER: 7 LL CASE NAME: MaineDOT_Config-5
 TOTAL AXLE WEIGHT = 44.000 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 7.000 LEGAL TK STRENGTH RATING = Factor 0.85352 Tons 37.555 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1035.390 4.481
 MIN MOMENT CORRESPONDING SHEAR = -4432.914 -33.539
 MAX SHEAR CORRESPONDING MOMENT = 4.481 1035.542
 MIN SHEAR CORRESPONDING MOMENT = -50.353 -3150.650

LL CASE NUMBER: 8 LL CASE NAME: MaineDOT_Config-6
 TOTAL AXLE WEIGHT = 37.950 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 2.000 LEGAL TK STRENGTH RATING = Factor 0.85938 Tons 32.613 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 999.640 1.556
 MIN MOMENT CORRESPONDING SHEAR = -4218.022 -8.727
 MAX SHEAR CORRESPONDING MOMENT = 1.556 999.639
 MIN SHEAR CORRESPONDING MOMENT = -53.438 -1795.996

LL CASE NUMBER: 9 LL CASE NAME: MaineDOT_Config-7
 TOTAL AXLE WEIGHT = 29.700 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 2.000 LEGAL TK STRENGTH RATING = Factor 1.10156 Tons 32.716 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1004.104 1.564
 MIN MOMENT CORRESPONDING SHEAR = -4244.798 -8.807
 MAX SHEAR CORRESPONDING MOMENT = 1.564 1004.104
 MIN SHEAR CORRESPONDING MOMENT = -55.110 -1515.405

LL CASE NUMBER: 10 LL CASE NAME: MaineDOT_Config-8
 TOTAL AXLE WEIGHT = 18.700 (Tons)

LOADING CONDITION: MULTIPLE LANE WITH IMPACT
 SPAN LOC. = 2.000 LEGAL TK STRENGTH RATING = Factor 1.76758 Tons 33.054 CODE 4
 MAX MOMENT CORRESPONDING SHEAR = 1019.121 1.585
 MIN MOMENT CORRESPONDING SHEAR = -4302.415 -8.959
 MAX SHEAR CORRESPONDING MOMENT = 1.585 1019.121
 MIN SHEAR CORRESPONDING MOMENT = -57.003 -1282.810

----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

SPAN.LOC	DISTANCE	---- INPUT SPACING ----	
		DIAPHRAGM	STIFFENER
FRAC	(ft)	(ft)	(in)
0.000	0.000	0.667	8.000
0.625	0.417	0.667	8.000
1.000	0.667	0.667	8.000
1.000	0.667	15.999	191.991
1.000	0.675	15.999	191.991
1.049	3.385	15.999	191.991
1.050	3.467	15.999	191.991
1.100	6.267	15.999	191.991
1.109	6.770	15.999	191.991

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----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

SPAN.LOC	DISTANCE FRAC (ft)	---- INPUT SPACING ----	
		DIAPHRAGM (ft)	STIFFENER (in)
1.127	7.794	15.999	191.991
1.143	8.666	15.999	191.991
1.150	9.067	15.999	191.991
1.200	11.867	15.999	191.991
1.250	14.667	15.999	191.991
1.286	16.666	20.000	240.000
1.300	17.467	20.000	240.000
1.343	19.881	20.000	240.000
1.350	20.267	20.000	240.000
1.400	23.067	20.000	240.000
1.450	25.867	20.000	240.000
1.464	26.666	20.000	240.000
1.500	28.667	20.000	240.000
1.550	31.467	20.000	240.000
1.600	34.267	20.000	240.000
1.643	36.666	20.001	240.000
1.650	37.067	20.001	240.000
1.690	39.308	20.001	240.000
1.700	39.867	20.001	240.000
1.750	42.667	20.001	240.000
1.800	45.467	20.001	240.000
1.821	46.666	20.001	240.000
1.850	48.267	20.001	240.000
1.893	50.667	20.001	240.000
1.900	51.067	20.001	240.000
1.950	53.867	20.001	240.000
2.000	56.667	20.001	240.000
2.000	56.667	19.999	239.991
2.050	60.667	19.999	239.991
2.075	62.667	19.999	239.991
2.100	64.667	19.999	239.991
2.125	66.666	19.999	239.991
2.150	68.667	19.999	239.991
2.200	72.667	19.999	239.991
2.201	72.735	19.999	239.991
2.250	76.666	20.000	240.000
2.300	80.667	20.000	240.000
2.350	84.667	20.000	240.000
2.375	86.666	20.000	240.000
2.400	88.667	20.000	240.000
2.450	92.667	20.000	240.000
2.483	95.315	20.000	240.000
2.500	96.666	20.000	240.000
2.550	100.667	20.000	240.000
2.600	104.667	20.000	240.000
2.625	106.666	20.000	240.000
2.650	108.667	20.000	240.000
2.700	112.667	20.000	240.000
2.750	116.666	20.001	240.000
2.765	117.868	20.001	240.000
2.800	120.667	20.001	240.000
2.850	124.667	20.001	240.000
2.875	126.666	20.001	240.000
2.888	127.667	20.001	240.000
2.900	128.667	20.001	240.000
2.950	132.667	20.001	240.000
3.000	136.667	20.001	240.000
3.000	136.667	19.999	239.991
3.050	140.667	19.999	239.991
3.100	144.667	19.999	239.991
3.112	145.667	19.999	239.991
3.125	146.666	19.999	239.991
3.150	148.667	19.999	239.991

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

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----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

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SPAN.LOC	DISTANCE	DIAPHRAGM	STIFFENER
FRAC	(ft)	(ft)	(in)
3.200	152.667	19.999	239.991
3.245	156.265	19.999	239.991
3.250	156.666	20.000	240.000
3.300	160.667	20.000	240.000
3.350	164.667	20.000	240.000
3.375	166.666	20.000	240.000
3.400	168.667	20.000	240.000
3.450	172.667	20.000	240.000
3.500	176.666	20.000	240.000
3.504	177.007	20.000	240.000
3.550	180.667	20.000	240.000
3.600	184.667	20.000	240.000
3.625	186.666	20.000	240.000
3.650	188.667	20.000	240.000
3.700	192.667	20.000	240.000
3.750	196.666	20.001	240.000
3.765	197.838	20.001	240.000
3.800	200.667	20.001	240.000
3.850	204.667	20.001	240.000
3.875	206.666	20.001	240.000
3.888	207.667	20.001	240.000
3.900	208.667	20.001	240.000
3.950	212.667	20.001	240.000
4.000	216.667	20.001	240.000
4.000	216.667	19.999	239.991
4.050	220.667	19.999	239.991
4.100	224.667	19.999	239.991
4.113	225.667	19.999	239.991
4.125	226.666	19.999	239.991
4.150	228.667	19.999	239.991
4.200	232.667	19.999	239.991
4.232	235.253	19.999	239.991
4.250	236.666	20.000	240.000
4.300	240.667	20.000	240.000
4.350	244.667	20.000	240.000
4.375	246.666	20.000	240.000
4.400	248.667	20.000	240.000
4.450	252.667	20.000	240.000
4.499	256.602	20.000	240.000
4.500	256.666	20.000	240.000
4.550	260.667	20.000	240.000
4.600	264.667	20.000	240.000
4.625	266.666	20.000	240.000
4.650	268.667	20.000	240.000
4.700	272.667	20.000	240.000
4.750	276.666	20.001	240.000
4.765	277.863	20.001	240.000
4.800	280.667	20.001	240.000
4.850	284.667	20.001	240.000
4.875	286.666	20.001	240.000
4.888	287.667	20.001	240.000
4.900	288.667	20.001	240.000
4.950	292.667	20.001	240.000
5.000	296.667	20.001	240.000
5.000	296.667	19.999	239.991
5.050	300.667	19.999	239.991
5.100	304.667	19.999	239.991
5.113	305.667	19.999	239.991
5.125	306.666	19.999	239.991
5.150	308.667	19.999	239.991
5.200	312.667	19.999	239.991
5.236	315.560	19.999	239.991
5.250	316.666	20.000	240.000

RUN TIME: 07/09/2015 11:49:59.851

OUTPUT

Filename: U:\46583 - MaineDOT\DS-380\5983

----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

SPAN.LOC	DISTANCE FRAC (ft)	---- INPUT SPACING ----	
		DIAPHRAGM (ft)	STIFFENER (in)
5.300	320.667	20.000	240.000
5.350	324.667	20.000	240.000
5.375	326.666	20.000	240.000
5.400	328.667	20.000	240.000
5.450	332.667	20.000	240.000
5.500	336.666	20.000	240.000
5.550	340.667	20.000	240.000
5.600	344.667	20.000	240.000
5.625	346.666	20.000	240.000
5.650	348.667	20.000	240.000
5.700	352.667	20.000	240.000
5.750	356.666	20.001	240.000
5.764	357.791	20.001	240.000
5.800	360.667	20.001	240.000
5.850	364.667	20.001	240.000
5.875	366.666	20.001	240.000
5.888	367.667	20.001	240.000
5.900	368.667	20.001	240.000
5.950	372.667	20.001	240.000
6.000	376.667	20.001	240.000
6.000	376.667	19.999	239.991
6.050	380.667	19.999	239.991
6.100	384.667	19.999	239.991
6.112	385.667	19.999	239.991
6.125	386.666	19.999	239.991
6.150	388.667	19.999	239.991
6.200	392.667	19.999	239.991
6.235	395.447	19.999	239.991
6.250	396.666	20.000	240.000
6.300	400.667	20.000	240.000
6.350	404.667	20.000	240.000
6.375	406.666	20.000	240.000
6.400	408.667	20.000	240.000
6.450	412.667	20.000	240.000
6.500	416.666	20.000	240.000
6.501	416.709	20.000	240.000
6.550	420.667	20.000	240.000
6.600	424.667	20.000	240.000
6.625	426.666	20.000	240.000
6.650	428.667	20.000	240.000
6.700	432.667	20.000	240.000
6.750	436.666	20.001	240.000
6.767	438.066	20.001	240.000
6.800	440.667	20.001	240.000
6.850	444.667	20.001	240.000
6.875	446.666	20.001	240.000
6.900	448.667	20.001	240.000
6.950	452.667	20.001	240.000
7.000	456.667	20.001	240.000
7.000	456.667	19.999	239.991
7.050	459.867	19.999	239.991
7.100	463.067	19.999	239.991
7.125	464.667	19.999	239.991
7.150	466.267	19.999	239.991
7.156	466.666	19.999	239.991
7.200	469.467	19.999	239.991
7.250	472.667	19.999	239.991
7.280	474.589	19.999	239.991
7.300	475.867	19.999	239.991
7.312	476.666	20.000	240.000
7.350	479.067	20.000	240.000
7.400	482.267	20.000	240.000
7.450	485.467	20.000	240.000

----- DIAPHRAGM AND STIFFENER SPACING SUMMARY -----

SPAN.LOC	DISTANCE	----- INPUT SPACING -----	
		DIAPHRAGM	STIFFENER
FRAC	(ft)	(ft)	(in)
7.469	486.666	20.000	240.000
7.500	488.667	20.000	240.000
7.550	491.867	20.000	240.000
7.600	495.067	20.000	240.000
7.625	496.666	5.000	60.000
7.643	497.792	5.000	60.000
7.650	498.267	5.000	60.000
7.664	499.166	5.000	60.000
7.700	501.467	5.000	60.000
7.703	501.666	19.001	228.009
7.750	504.667	19.001	228.009
7.800	507.867	19.001	228.009
7.850	511.067	19.001	228.009
7.852	511.166	19.001	228.009
7.889	513.539	19.001	228.009
7.900	514.267	19.001	228.009
7.905	514.563	19.001	228.009
7.950	517.467	19.001	228.009
7.958	517.948	19.001	228.009
8.000	520.658	19.001	228.009
8.000	520.667	19.001	228.009
8.000	520.667	0.667	8.000
8.375	520.917	0.667	8.000

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: HL-93-ED V = SHEAR
 COMBINATION TABLE: LRFR2009 1-MaineDOT << = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	----- STRENGTH -----		----- SERVICE -----	
		INVENTORY	OPERATING	INVENTORY	OPERATING
FRAC	(ft)				
0.000	0.000	8.529	10.000		
0.625	0.417	8.484 V	10.000		
1.000	0.667	7.996 V	10.000		
1.000	0.667	3.900 V	5.055 V		
1.000	0.675	4.068 V	5.273 V		
1.049	3.385	4.254 V	5.516 V		
1.050	3.467	4.371 V	5.666 V		
1.100	6.267	2.541 M	3.293 M		
1.109	6.770	2.338 M	3.029 M		
1.127	7.794	2.043 M	2.648 M		
1.143	8.666	1.949 M	2.525 M		
1.150	9.067	1.900 M	2.465 M		
1.200	11.867	1.551 M	2.010 M		
1.250	14.667	1.334 M	1.729 M		
1.286	16.666	1.207 M	1.564 M		
1.300	17.467	1.199 M	1.555 M		
1.343	19.881	1.141 M	1.479 M		
1.350	20.267	1.158 M	1.500 M		
1.400	23.067	1.125 M	1.457 M		
1.450	25.867	1.133 M	1.469 M		
1.464	26.666	1.121 M	1.455 M		
1.500	28.667	1.203 M	1.561 M		
1.550	31.467	1.305 M	1.691 M		
1.600	34.267	1.490 M	1.932 M		
1.643	36.666	1.646 M	2.135 M		
1.650	37.067	1.707 M	2.215 M		
1.690	39.308	1.979 M	2.564 M		
1.700	39.867	1.912 M	2.479 M		
1.750	42.667	1.580 M	2.049 M		
1.800	45.467	1.275 M	1.654 M		

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: HL-93-ED V = SHEAR
 COMBINATION TABLE: LRFR2009 1-MaineDOT « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
1.821	46.666	1.154 M	1.496 M		
1.850	48.267	0.994 *M	1.289 M		
1.893	50.667	0.754 *M	0.979 *M		
1.900	51.067	1.320 M	1.711 M		
1.950	53.867	0.977 *M	1.266 M		
2.000	56.667	0.697 *M	0.904 *M		
2.000	56.667	0.699 *M	0.906 *M		
2.050	60.667	1.117 M	1.447 M		
2.075	62.667	0.771 *M	1.000 M		
2.100	64.667	1.016 M	1.316 M		
2.125	66.666	1.311 M	1.699 M		
2.150	68.667	1.672 M	2.166 M		
2.200	72.667	2.514 M	3.258 M		
2.201	72.735	2.512 M	3.256 M		
2.250	76.666	1.830 M	2.373 M		
2.300	80.667	1.432 M	1.857 M		
2.350	84.667	1.156 M	1.500 M		
2.375	86.666	1.035 M	1.344 M		
2.400	88.667	0.980 *M	1.271 M		
2.450	92.667	0.939 *M	1.219 M		
2.483	95.315	0.934 *M	1.211 M		
2.500	96.666	0.902 *M	1.170 M		
2.550	100.667	0.943 *M	1.223 M		
2.600	104.667	1.016 M	1.316 M		
2.625	106.666	1.055 M	1.369 M		
2.650	108.667	1.164 M	1.510 M		
2.700	112.667	1.439 M	1.865 M		
2.750	116.666	1.834 M	2.377 M		
2.765	117.868	1.994 M	2.586 M		
2.800	120.667	1.645 M	2.131 M		
2.850	124.667	1.068 M	1.385 M		
2.875	126.666	0.830 *M	1.076 M		
2.888	127.667	0.725 *M	0.939 *M		
2.900	128.667	1.492 M	1.936 M		
2.950	132.667	1.006 M	1.305 M		
3.000	136.667	0.652«*M	0.846«*M		
3.000	136.667	0.652«*M	0.846«*M		
3.050	140.667	1.004 M	1.301 M		
3.100	144.667	1.492 M	1.936 M		
3.112	145.667	0.717 *M	0.930 *M		
3.125	146.666	0.818 *M	1.062 M		
3.150	148.667	1.057 M	1.371 M		
3.200	152.667	1.643 M	2.131 M		
3.245	156.265	2.027 M	2.629 M		
3.250	156.666	1.932 M	2.504 M		
3.300	160.667	1.516 M	1.965 M		
3.350	164.667	1.229 M	1.592 M		
3.375	166.666	1.102 M	1.428 M		
3.400	168.667	1.068 M	1.385 M		
3.450	172.667	0.988 *M	1.279 M		
3.500	176.666	0.943 *M	1.223 M		
3.504	177.007	0.949 *M	1.230 M		
3.550	180.667	0.977 *M	1.266 M		
3.600	184.667	1.043 M	1.352 M		
3.625	186.666	1.078 M	1.398 M		
3.650	188.667	1.184 M	1.535 M		
3.700	192.667	1.439 M	1.865 M		
3.750	196.666	1.842 M	2.389 M		
3.765	197.838	1.996 M	2.588 M		

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: HL-93-ED V = SHEAR
 COMBINATION TABLE: LRFR2009 1-MaineDOT « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
3.800	200.667	1.654 M	2.146 M		
3.850	204.667	1.086 M	1.408 M		
3.875	206.666	0.852 *M	1.105 M		
3.888	207.667	0.748 *M	0.971 *M		
3.900	208.667	1.514 M	1.961 M		
3.950	212.667	1.031 M	1.336 M		
4.000	216.667	0.680 *M	0.881 *M		
4.000	216.667	0.680 *M	0.881 *M		
4.050	220.667	1.033 M	1.340 M		
4.100	224.667	1.523 M	1.975 M		
4.113	225.667	0.756 *M	0.979 *M		
4.125	226.666	0.857 *M	1.113 M		
4.150	228.667	1.098 M	1.424 M		
4.200	232.667	1.678 M	2.176 M		
4.232	235.253	2.041 M	2.645 M		
4.250	236.666	1.836 M	2.381 M		
4.300	240.667	1.451 M	1.881 M		
4.350	244.667	1.182 M	1.531 M		
4.375	246.666	1.062 M	1.377 M		
4.400	248.667	1.031 M	1.338 M		
4.450	252.667	0.959 *M	1.244 M		
4.499	256.602	0.922 *M	1.195 M		
4.500	256.666	0.920 *M	1.193 M		
4.550	260.667	0.957 *M	1.242 M		
4.600	264.667	1.027 M	1.332 M		
4.625	266.666	1.066 M	1.381 M		
4.650	268.667	1.174 M	1.521 M		
4.700	272.667	1.438 M	1.865 M		
4.750	276.666	1.846 M	2.393 M		
4.765	277.863	2.006 M	2.600 M		
4.800	280.667	1.658 M	2.150 M		
4.850	284.667	1.080 M	1.402 M		
4.875	286.666	0.846 *M	1.096 M		
4.888	287.667	0.740 *M	0.961 *M		
4.900	288.667	1.504 M	1.949 M		
4.950	292.667	1.020 M	1.322 M		
5.000	296.667	0.670 *M	0.867 *M		
5.000	296.667	0.670 *M	0.867 *M		
5.050	300.667	1.020 M	1.322 M		
5.100	304.667	1.504 M	1.949 M		
5.113	305.667	0.738 *M	0.957 *M		
5.125	306.666	0.840 *M	1.090 M		
5.150	308.667	1.076 M	1.395 M		
5.200	312.667	1.645 M	2.131 M		
5.236	315.560	2.043 M	2.648 M		
5.250	316.666	1.846 M	2.393 M		
5.300	320.667	1.461 M	1.893 M		
5.350	324.667	1.191 M	1.543 M		
5.375	326.666	1.070 M	1.389 M		
5.400	328.667	1.041 M	1.350 M		
5.450	332.667	0.969 *M	1.256 M		
5.500	336.666	0.930 *M	1.205 M		
5.550	340.667	0.967 *M	1.254 M		
5.600	344.667	1.039 M	1.346 M		
5.625	346.666	1.076 M	1.396 M		
5.650	348.667	1.186 M	1.537 M		
5.700	352.667	1.451 M	1.881 M		
5.750	356.666	1.873 M	2.428 M		
5.764	357.791	2.029 M	2.631 M		

----- LRFR RATING SUMMARY -----

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 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH		SERVICE	
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT
5.800	360.667	1.684 M	2.182 M		
5.850	364.667	1.094 M	1.418 M		
5.875	366.666	0.854 *M	1.107 M		
5.888	367.667	0.748 *M	0.969 *M		
5.900	368.667	1.520 M	1.969 M		
5.950	372.667	1.029 M	1.334 M		
6.000	376.667	0.674 *M	0.875 *M		
6.000	376.667	0.676 *M	0.875 *M		
6.050	380.667	1.027 M	1.332 M		
6.100	384.667	1.516 M	1.965 M		
6.112	385.667	0.746 *M	0.967 *M		
6.125	386.666	0.848 *M	1.100 M		
6.150	388.667	1.084 M	1.406 M		
6.200	392.667	1.652 M	2.143 M		
6.235	395.447	2.031 M	2.635 M		
6.250	396.666	1.836 M	2.381 M		
6.300	400.667	1.459 M	1.891 M		
6.350	404.667	1.191 M	1.545 M		
6.375	406.666	1.072 M	1.391 M		
6.400	408.667	1.045 M	1.354 M		
6.450	412.667	0.973 *M	1.262 M		
6.500	416.666	0.936 *M	1.213 M		
6.501	416.709	0.938 *M	1.215 M		
6.550	420.667	0.977 *M	1.266 M		
6.600	424.667	1.051 M	1.363 M		
6.625	426.666	1.092 M	1.416 M		
6.650	428.667	1.207 M	1.564 M		
6.700	432.667	1.500 M	1.945 M		
6.750	436.666	1.938 M	2.512 M		
6.767	438.066	2.166 M	2.809 M		
6.800	440.667	1.965 M	2.547 M		
6.850	444.667	1.236 M	1.604 M		
6.875	446.666	0.961 *M	1.246 M		
6.900	448.667	0.734 *M	0.951 *M		
6.950	452.667	1.043 M	1.354 M		
7.000	456.667	0.668 *M	0.865 *M		
7.000	456.667	0.666 *M	0.865 *M		
7.050	459.867	0.967 *M	1.254 M		
7.100	463.067	1.355 M	1.758 M		
7.125	464.667	0.752 *M	0.975 *M		
7.150	466.267	0.932 *M	1.209 M		
7.156	466.666	0.980 *M	1.271 M		
7.200	469.467	1.324 M	1.717 M		
7.250	472.667	1.707 M	2.213 M		
7.280	474.589	1.953 M	2.531 M		
7.300	475.867	1.807 M	2.342 M		
7.312	476.666	1.697 M	2.201 M		
7.350	479.067	1.430 M	1.854 M		
7.400	482.267	1.186 M	1.537 M		
7.450	485.467	1.029 M	1.334 M		
7.469	486.666	0.979 *M	1.270 M		
7.500	488.667	0.930 *M	1.205 M		
7.550	491.867	0.869 *M	1.127 M		
7.600	495.067	0.842 *M	1.092 M		
7.625	496.666	0.836 *M	1.082 M		
7.643	497.792	0.842 *M	1.092 M		
7.650	498.267	0.855 *M	1.109 M		
7.664	499.166	0.887 *M	1.148 M		
7.700	501.467	0.887 *M	1.148 M		

Refined Analysis Point

Controlling Rating for Interior
 Girder in Positive Moment
 Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 1 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: HL-93-ED V = SHEAR
 COMBINATION TABLE: LRFR2009 1-MaineDOT <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.703	501.666	0.887 *M	1.148 M						
7.750	504.667	0.988 *M	1.281 M						
7.800	507.867	1.152 M	1.496 M						
7.850	511.067	1.449 M	1.881 M						
7.852	511.166	1.469 M	1.904 M						
7.889	513.539	1.873 M	2.428 M						
7.900	514.267	2.053 M	2.662 M						
7.905	514.563	2.139 M	2.773 M						
7.950	517.467	3.955 M	5.127 M						
7.958	517.948	4.104 V	5.320 V						
8.000	520.658	4.061 V	5.264 V						
8.000	520.667	3.758 V	4.871 V						
8.000	520.667	9.449 V	10.000						
8.375	520.917	10.000	10.000						

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MaineDOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			6.102 V					
1.000	0.675			6.406 V					
1.049	3.385			6.693 V					
1.050	3.467			6.887 V					
1.100	6.267			4.137 M					
1.109	6.770			3.803 M					
1.127	7.794			3.348 M					
1.143	8.666			3.082 M					
1.150	9.067			2.959 M					
1.200	11.867			2.406 M					
1.250	14.667			2.104 M					
1.286	16.666			1.967 M					
1.300	17.467			1.949 M					
1.343	19.881			1.875 M					
1.350	20.267			1.885 M					
1.400	23.067			1.891 M					
1.450	25.867			1.967 M					
1.464	26.666			1.963 M					
1.500	28.667			2.062 M					
1.550	31.467			2.254 M					
1.600	34.267			2.510 M					
1.643	36.666			2.807 M					
1.650	37.067			2.891 M					
1.690	39.308			3.057 M					
1.700	39.867			2.945 M					
1.750	42.667			2.441 M					
1.800	45.467			1.941 M					
1.821	46.666			1.736 M					
1.850	48.267			1.441 M					
1.893	50.667			1.006 M					
1.900	51.067			1.750 M					
1.950	53.867			1.248 M					
2.000	56.667			0.877 *M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.000	56.667			0.877 *M					
2.050	60.667			1.436 M					
2.075	62.667			1.014 M					
2.100	64.667			1.387 M					
2.125	66.666			1.832 M					
2.150	68.667			2.574 M					
2.200	72.667			3.918 M					
2.201	72.735			3.941 M					
2.250	76.666			3.020 M					
2.300	80.667			2.279 M					
2.350	84.667			1.859 M					
2.375	86.666			1.699 M					
2.400	88.667			1.615 M					
2.450	92.667			1.547 M					
2.483	95.315			1.525 M					
2.500	96.666			1.520 M					
2.550	100.667			1.564 M					
2.600	104.667			1.691 M					
2.625	106.666			1.768 M					
2.650	108.667			1.934 M					
2.700	112.667			2.410 M					
2.750	116.666			3.211 M					
2.765	117.868			3.057 M					
2.800	120.667			2.316 M					
2.850	124.667			1.562 M					
2.875	126.666			1.234 M					
2.888	127.667			1.053 M					
2.900	128.667			2.076 M					
2.950	132.667			1.311 M					
3.000	136.667			0.828«*M					
3.000	136.667			0.828«*M					
3.050	140.667			1.309 M					
3.100	144.667			2.084 M					
3.112	145.667			1.023 M					
3.125	146.666			1.158 M					
3.150	148.667			1.527 M					
3.200	152.667			2.279 M					
3.245	156.265			3.213 M					
3.250	156.666			3.271 M					
3.300	160.667			2.469 M					
3.350	164.667			2.008 M					
3.375	166.666			1.832 M					
3.400	168.667			1.762 M					
3.450	172.667			1.646 M					
3.500	176.666			1.602 M					
3.504	177.007			1.604 M					
3.550	180.667			1.633 M					
3.600	184.667			1.742 M					
3.625	186.666			1.811 M					
3.650	188.667			1.971 M					
3.700	192.667			2.416 M					
3.750	196.666			3.217 M					
3.765	197.838			3.064 M					
3.800	200.667			2.334 M					
3.850	204.667			1.594 M					
3.875	206.666			1.271 M					
3.888	207.667			1.092 M					
3.900	208.667			2.111 M					
3.950	212.667			1.348 M					
4.000	216.667			0.867 *M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.000	216.667			0.867 *M					
4.050	220.667			1.354 M					
4.100	224.667			2.139 M					
4.113	225.667			1.086 M					
4.125	226.666			1.223 M					
4.150	228.667			1.596 M					
4.200	232.667			2.354 M					
4.232	235.253			3.021 M					
4.250	236.666			3.188 M					
4.300	240.667			2.406 M					
4.350	244.667			1.959 M					
4.375	246.666			1.789 M					
4.400	248.667			1.721 M					
4.450	252.667			1.613 M					
4.499	256.602			1.574 M					
4.500	256.666			1.572 M					
4.550	260.667			1.607 M					
4.600	264.667			1.725 M					
4.625	266.666			1.795 M					
4.650	268.667			1.957 M					
4.700	272.667			2.416 M					
4.750	276.666			3.213 M					
4.765	277.863			3.061 M					
4.800	280.667			2.330 M					
4.850	284.667			1.586 M					
4.875	286.666			1.260 M					
4.888	287.667			1.080 M					
4.900	288.667			2.102 M					
4.950	292.667			1.336 M					
5.000	296.667			0.855 *M					
5.000	296.667			0.855 *M					
5.050	300.667			1.340 M					
5.100	304.667			2.119 M					
5.113	305.667			1.066 M					
5.125	306.666			1.203 M					
5.150	308.667			1.572 M					
5.200	312.667			2.326 M					
5.236	315.560			3.080 M					
5.250	316.666			3.211 M					
5.300	320.667			2.424 M					
5.350	324.667			1.975 M					
5.375	326.666			1.803 M					
5.400	328.667			1.734 M					
5.450	332.667			1.625 M					
5.500	336.666			1.584 M					
5.550	340.667			1.617 M					
5.600	344.667			1.732 M					
5.625	346.666			1.803 M					
5.650	348.667			1.965 M					
5.700	352.667			2.414 M					
5.750	356.666			3.221 M					
5.764	357.791			3.068 M					
5.800	360.667			2.330 M					
5.850	364.667			1.586 M					
5.875	366.666			1.260 M					
5.888	367.667			1.080 M					
5.900	368.667			2.102 M					
5.950	372.667			1.338 M					
6.000	376.667			0.857 *M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.000	376.667			0.857 *M					
6.050	380.667			1.342 M					
6.100	384.667			2.125 M					
6.112	385.667			1.070 M					
6.125	386.666			1.207 M					
6.150	388.667			1.578 M					
6.200	392.667			2.332 M					
6.235	395.447			3.061 M					
6.250	396.666			3.203 M					
6.300	400.667			2.416 M					
6.350	404.667			1.967 M					
6.375	406.666			1.797 M					
6.400	408.667			1.729 M					
6.450	412.667			1.617 M					
6.500	416.666			1.576 M					
6.501	416.709			1.576 M					
6.550	420.667			1.609 M					
6.600	424.667			1.723 M					
6.625	426.666			1.791 M					
6.650	428.667			1.953 M					
6.700	432.667			2.412 M					
6.750	436.666			3.197 M					
6.767	438.066			3.590 M					
6.800	440.667			2.732 M					
6.850	444.667			1.832 M					
6.875	446.666			1.391 M					
6.900	448.667			1.002 M					
6.950	452.667			1.346 M					
7.000	456.667			0.842 *M					
7.000	456.667			0.842 *M					
7.050	459.867			1.246 M					
7.100	463.067			1.834 M					
7.125	464.667			1.041 M					
7.150	466.267			1.336 M					
7.156	466.666			1.404 M					
7.200	469.467			1.908 M					
7.250	472.667			2.633 M					
7.280	474.589			3.018 M					
7.300	475.867			3.080 M					
7.312	476.666			2.893 M					
7.350	479.067			2.410 M					
7.400	482.267			2.002 M					
7.450	485.467			1.758 M					
7.469	486.666			1.684 M					
7.500	488.667			1.586 M					
7.550	491.867			1.484 M					
7.600	495.067			1.410 M					
7.625	496.666			1.383 M					
7.643	497.792			1.383 M					
7.650	498.267			1.393 M					
7.664	499.166			1.416 M					
7.700	501.467			1.428 M					
7.703	501.666			1.428 M					
7.750	504.667			1.564 M					
7.800	507.867			1.816 M					
7.850	511.067			2.307 M					
7.852	511.166			2.330 M					
7.889	513.539			3.008 M					
7.900	514.267			3.283 M					
7.905	514.563			3.410 M					

Refined Analysis Point

Controlling Rating for Interior
 Girder in Positive Moment
 Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 3 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-1 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.950	517.467			6.195 M					
7.958	517.948			6.418 V					
8.000	520.658			6.348 V					
8.000	520.667			5.781 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			6.123 V					
1.000	0.675			6.422 V					
1.049	3.385			6.703 V					
1.050	3.467			6.887 V					
1.100	6.267			4.100 M					
1.109	6.770			3.766 M					
1.127	7.794			3.305 M					
1.143	8.666			3.051 M					
1.150	9.067			2.930 M					
1.200	11.867			2.352 M					
1.250	14.667			2.033 M					
1.286	16.666			1.863 M					
1.300	17.467			1.840 M					
1.343	19.881			1.742 M					
1.350	20.267			1.734 M					
1.400	23.067			1.707 M					
1.450	25.867			1.732 M					
1.464	26.666			1.730 M					
1.500	28.667			1.836 M					
1.550	31.467			2.004 M					
1.600	34.267			2.281 M					
1.643	36.666			2.590 M					
1.650	37.067			2.662 M					
1.690	39.308			3.109 M					
1.700	39.867			3.012 M					
1.750	42.667			2.484 M					
1.800	45.467			1.975 M					
1.821	46.666			1.748 M					
1.850	48.267			1.477 M					
1.893	50.667			1.072 M					
1.900	51.067			1.869 M					
1.950	53.867			1.369 M					
2.000	56.667			0.986 *M					
2.000	56.667			0.986 *M					
2.050	60.667			1.578 M					
2.075	62.667			1.100 M					
2.100	64.667			1.467 M					
2.125	66.666			1.898 M					
2.150	68.667			2.398 M					
2.200	72.667			3.824 M					
2.201	72.735			3.854 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC FRAC	DISTANCE (ft)	STRENGTH				SERVICE			
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.250	76.666			2.727 M					
2.300	80.667			2.092 M					
2.350	84.667			1.711 M					
2.375	86.666			1.562 M					
2.400	88.667			1.486 M					
2.450	92.667			1.418 M					
2.483	95.315			1.408 M					
2.500	96.666			1.387 M					
2.550	100.667			1.441 M					
2.600	104.667			1.551 M					
2.625	106.666			1.625 M					
2.650	108.667			1.783 M					
2.700	112.667			2.195 M					
2.750	116.666			2.891 M					
2.765	117.868			3.141 M					
2.800	120.667			2.367 M					
2.850	124.667			1.506 M					
2.875	126.666			1.184 M					
2.888	127.667			1.043 M					
2.900	128.667			2.156 M					
2.950	132.667			1.424 M					
3.000	136.667			0.918 *M					
3.000	136.667			0.920 *M					
3.050	140.667			1.418 M					
3.100	144.667			2.139 M					
3.112	145.667			1.023 M					
3.125	146.666			1.164 M					
3.150	148.667			1.477 M					
3.200	152.667			2.328 M					
3.245	156.265			3.064 M					
3.250	156.666			2.951 M					
3.300	160.667			2.264 M					
3.350	164.667			1.848 M					
3.375	166.666			1.686 M					
3.400	168.667			1.621 M					
3.450	172.667			1.512 M					
3.500	176.666			1.463 M					
3.504	177.007			1.467 M					
3.550	180.667			1.502 M					
3.600	184.667			1.600 M					
3.625	186.666			1.666 M					
3.650	188.667			1.820 M					
3.700	192.667			2.221 M					
3.750	196.666			2.898 M					
3.765	197.838			3.152 M					
3.800	200.667			2.385 M					
3.850	204.667			1.535 M					
3.875	206.666			1.219 M					
3.888	207.667			1.080 M					
3.900	208.667			2.191 M					
3.950	212.667			1.465 M					
4.000	216.667			0.963 *M					
4.000	216.667			0.963 *M					
4.050	220.667			1.467 M					
4.100	224.667			2.195 M					
4.113	225.667			1.086 M					
4.125	226.666			1.227 M					
4.150	228.667			1.545 M					
4.200	232.667			2.406 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.232	235.253			3.102 M					
4.250	236.666			2.875 M					
4.300	240.667			2.207 M					
4.350	244.667			1.803 M					
4.375	246.666			1.646 M					
4.400	248.667			1.584 M					
4.450	252.667			1.480 M					
4.499	256.602			1.438 M					
4.500	256.666			1.438 M					
4.550	260.667			1.480 M					
4.600	264.667			1.582 M					
4.625	266.666			1.652 M					
4.650	268.667			1.807 M					
4.700	272.667			2.213 M					
4.750	276.666			2.896 M					
4.765	277.863			3.148 M					
4.800	280.667			2.383 M					
4.850	284.667			1.527 M					
4.875	286.666			1.209 M					
4.888	287.667			1.068 M					
4.900	288.667			2.180 M					
4.950	292.667			1.451 M					
5.000	296.667			0.949 *M					
5.000	296.667			0.949 *M					
5.050	300.667			1.451 M					
5.100	304.667			2.178 M					
5.113	305.667			1.066 M					
5.125	306.666			1.207 M					
5.150	308.667			1.521 M					
5.200	312.667			2.379 M					
5.236	315.560			3.160 M					
5.250	316.666			2.896 M					
5.300	320.667			2.223 M					
5.350	324.667			1.816 M					
5.375	326.666			1.658 M					
5.400	328.667			1.596 M					
5.450	332.667			1.490 M					
5.500	336.666			1.445 M					
5.550	340.667			1.488 M					
5.600	344.667			1.590 M					
5.625	346.666			1.658 M					
5.650	348.667			1.814 M					
5.700	352.667			2.219 M					
5.750	356.666			2.902 M					
5.764	357.791			3.166 M					
5.800	360.667			2.381 M					
5.850	364.667			1.527 M					
5.875	366.666			1.209 M					
5.888	367.667			1.070 M					
5.900	368.667			2.182 M					
5.950	372.667			1.453 M					
6.000	376.667			0.951 *M					
6.000	376.667			0.951 *M					
6.050	380.667			1.455 M					
6.100	384.667			2.182 M					
6.112	385.667			1.070 M					
6.125	386.666			1.211 M					
6.150	388.667			1.527 M					
6.200	392.667			2.385 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 4 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-2 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.235	395.447			3.137 M					
6.250	396.666			2.889 M					
6.300	400.667			2.217 M					
6.350	404.667			1.811 M					
6.375	406.666			1.652 M					
6.400	408.667			1.590 M					
6.450	412.667			1.482 M					
6.500	416.666			1.438 M					
6.501	416.709			1.439 M					
6.550	420.667			1.480 M					
6.600	424.667			1.580 M					
6.625	426.666			1.648 M					
6.650	428.667			1.805 M					
6.700	432.667			2.203 M					
6.750	436.666			2.883 M					
6.767	438.066			3.227 M					
6.800	440.667			2.756 M					
6.850	444.667			1.752 M					
6.875	446.666			1.389 M					
6.900	448.667			1.057 M					
6.950	452.667			1.482 M					
7.000	456.667			0.947 *M					
7.000	456.667			0.949 *M					
7.050	459.867			1.375 M					
7.100	463.067			1.943 M					
7.125	464.667			1.084 M					
7.150	466.267			1.334 M					
7.156	466.666			1.400 M					
7.200	469.467			1.938 M					
7.250	472.667			2.656 M					
7.280	474.589			3.078 M					
7.300	475.867			2.836 M					
7.312	476.666			2.660 M					
7.350	479.067			2.227 M					
7.400	482.267			1.846 M					
7.450	485.467			1.602 M					
7.469	486.666			1.529 M					
7.500	488.667			1.447 M					
7.550	491.867			1.344 M					
7.600	495.067			1.289 M					
7.625	496.666			1.273 M					
7.643	497.792			1.281 M					
7.650	498.267			1.293 M					
7.664	499.166			1.320 M					
7.700	501.467			1.352 M					
7.703	501.666			1.354 M					
7.750	504.667			1.514 M					
7.800	507.867			1.805 M					
7.850	511.067			2.318 M					
7.852	511.166			2.346 M					
7.889	513.539			3.016 M					
7.900	514.267			3.305 M					
7.905	514.563			3.436 M					
7.950	517.467			6.270 M					
7.958	517.948			6.508 V					
8.000	520.658			6.438 V					
8.000	520.667			5.875 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

Refined Analysis Point

Controlling Rating for Interior
Girder in Positive Moment
Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC FRAC	DISTANCE (ft)	STRENGTH				SERVICE			
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			6.061	V				
1.000	0.675			6.355	V				
1.049	3.385			6.619	V				
1.050	3.467			6.799	V				
1.100	6.267			4.043	M				
1.109	6.770			3.715	M				
1.127	7.794			3.258	M				
1.143	8.666			3.004	M				
1.150	9.067			2.885	M				
1.200	11.867			2.311	M				
1.250	14.667			1.996	M				
1.286	16.666			1.826	M				
1.300	17.467			1.803	M				
1.343	19.881			1.699	M				
1.350	20.267			1.691	M				
1.400	23.067			1.666	M				
1.450	25.867			1.689	M				
1.464	26.666			1.689	M				
1.500	28.667			1.789	M				
1.550	31.467			1.955	M				
1.600	34.267			2.230	M				
1.643	36.666			2.541	M				
1.650	37.067			2.615	M				
1.690	39.308			3.064	M				
1.700	39.867			2.967	M				
1.750	42.667			2.451	M				
1.800	45.467			1.947	M				
1.821	46.666			1.701	M				
1.850	48.267			1.395	M				
1.893	50.667			0.988	*M				
1.900	51.067			1.717	M				
1.950	53.867			1.221	M				
2.000	56.667			0.857	*M				
2.000	56.667			0.857	*M				
2.050	60.667			1.395	M				
2.075	62.667			0.977	*M				
2.100	64.667			1.316	M				
2.125	66.666			1.756	M				
2.150	68.667			2.311	M				
2.200	72.667			3.830	M				
2.201	72.735			3.863	M				
2.250	76.666			2.701	M				
2.300	80.667			2.072	M				
2.350	84.667			1.695	M				
2.375	86.666			1.549	M				
2.400	88.667			1.471	M				
2.450	92.667			1.398	M				
2.483	95.315			1.389	M				
2.500	96.666			1.367	M				
2.550	100.667			1.420	M				
2.600	104.667			1.535	M				
2.625	106.666			1.609	M				
2.650	108.667			1.764	M				
2.700	112.667			2.176	M				
2.750	116.666			2.863	M				
2.765	117.868			3.150	M				

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.800	120.667			2.523 M					
2.850	124.667			1.559 M					
2.875	126.666			1.186 M					
2.888	127.667			1.021 M					
2.900	128.667			2.070 M					
2.950	132.667			1.330 M					
3.000	136.667			0.842 *M					
3.000	136.667			0.842 *M					
3.050	140.667			1.324 M					
3.100	144.667			2.051 M					
3.112	145.667			1.004 M					
3.125	146.666			1.160 M					
3.150	148.667			1.533 M					
3.200	152.667			2.477 M					
3.245	156.265			3.039 M					
3.250	156.666			2.922 M					
3.300	160.667			2.242 M					
3.350	164.667			1.832 M					
3.375	166.666			1.672 M					
3.400	168.667			1.604 M					
3.450	172.667			1.488 M					
3.500	176.666			1.443 M					
3.504	177.007			1.447 M					
3.550	180.667			1.482 M					
3.600	184.667			1.584 M					
3.625	186.666			1.652 M					
3.650	188.667			1.801 M					
3.700	192.667			2.201 M					
3.750	196.666			2.871 M					
3.765	197.838			3.148 M					
3.800	200.667			2.541 M					
3.850	204.667			1.592 M					
3.875	206.666			1.221 M					
3.888	207.667			1.059 M					
3.900	208.667			2.107 M					
3.950	212.667			1.369 M					
4.000	216.667			0.883 *M					
4.000	216.667			0.883 *M					
4.050	220.667			1.371 M					
4.100	224.667			2.107 M					
4.113	225.667			1.066 M					
4.125	226.666			1.225 M					
4.150	228.667			1.605 M					
4.200	232.667			2.559 M					
4.232	235.253			3.168 M					
4.250	236.666			2.848 M					
4.300	240.667			2.186 M					
4.350	244.667			1.787 M					
4.375	246.666			1.631 M					
4.400	248.667			1.568 M					
4.450	252.667			1.459 M					
4.499	256.602			1.418 M					
4.500	256.666			1.418 M					
4.550	260.667			1.461 M					
4.600	264.667			1.568 M					
4.625	266.666			1.639 M					
4.650	268.667			1.789 M					
4.700	272.667			2.191 M					
4.750	276.666			2.869 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.765	277.863			3.152 M					
4.800	280.667			2.537 M					
4.850	284.667			1.582 M					
4.875	286.666			1.211 M					
4.888	287.667			1.049 M					
4.900	288.667			2.096 M					
4.950	292.667			1.357 M					
5.000	296.667			0.871 *M					
5.000	296.667			0.871 *M					
5.050	300.667			1.357 M					
5.100	304.667			2.090 M					
5.113	305.667			1.047 M					
5.125	306.666			1.205 M					
5.150	308.667			1.582 M					
5.200	312.667			2.529 M					
5.236	315.560			3.201 M					
5.250	316.666			2.869 M					
5.300	320.667			2.203 M					
5.350	324.667			1.801 M					
5.375	326.666			1.645 M					
5.400	328.667			1.578 M					
5.450	332.667			1.469 M					
5.500	336.666			1.426 M					
5.550	340.667			1.469 M					
5.600	344.667			1.574 M					
5.625	346.666			1.645 M					
5.650	348.667			1.795 M					
5.700	352.667			2.199 M					
5.750	356.666			2.875 M					
5.764	357.791			3.145 M					
5.800	360.667			2.537 M					
5.850	364.667			1.582 M					
5.875	366.666			1.211 M					
5.888	367.667			1.049 M					
5.900	368.667			2.096 M					
5.950	372.667			1.357 M					
6.000	376.667			0.873 *M					
6.000	376.667			0.873 *M					
6.050	380.667			1.359 M					
6.100	384.667			2.094 M					
6.112	385.667			1.051 M					
6.125	386.666			1.209 M					
6.150	388.667			1.588 M					
6.200	392.667			2.537 M					
6.235	395.447			3.188 M					
6.250	396.666			2.859 M					
6.300	400.667			2.195 M					
6.350	404.667			1.793 M					
6.375	406.666			1.637 M					
6.400	408.667			1.572 M					
6.450	412.667			1.461 M					
6.500	416.666			1.420 M					
6.501	416.709			1.420 M					
6.550	420.667			1.461 M					
6.600	424.667			1.566 M					
6.625	426.666			1.635 M					
6.650	428.667			1.785 M					
6.700	432.667			2.184 M					
6.750	436.666			2.855 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 5 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-3 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.767	438.066			3.209 M					
6.800	440.667			2.848 M					
6.850	444.667			1.746 M					
6.875	446.666			1.324 M					
6.900	448.667			0.979 *M					
6.950	452.667			1.338 M					
7.000	456.667			0.840<*M					
7.000	456.667			0.840<*M					
7.050	459.867			1.236 M					
7.100	463.067			1.801 M					
7.125	464.667			1.021 M					
7.150	466.267			1.295 M					
7.156	466.666			1.371 M					
7.200	469.467			1.953 M					
7.250	472.667			2.660 M					
7.280	474.589			3.037 M					
7.300	475.867			2.811 M					
7.312	476.666			2.633 M					
7.350	479.067			2.195 M					
7.400	482.267			1.809 M					
7.450	485.467			1.561 M					
7.469	486.666			1.486 M					
7.500	488.667			1.402 M					
7.550	491.867			1.305 M					
7.600	495.067			1.262 M					
7.625	496.666			1.250 M					
7.643	497.792			1.260 M					
7.650	498.267			1.271 M					
7.664	499.166			1.299 M					
7.700	501.467			1.332 M					
7.703	501.666			1.332 M					
7.750	504.667			1.492 M					
7.800	507.867			1.783 M					
7.850	511.067			2.297 M					
7.852	511.166			2.324 M					
7.889	513.539			2.986 M					
7.900	514.267			3.273 M					
7.905	514.563			3.404 M					
7.950	517.467			6.223 M					
7.958	517.948			6.457 V					
8.000	520.658			6.387 V					
8.000	520.667			5.840 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

Refined Analysis Point

Controlling Rating for Interior
 Girder in Positive Moment
 Region:Inventory

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs < = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			5.838 V					
1.000	0.675			6.129 V					
1.049	3.385			6.387 V					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.050	3.467			6.562 V					
1.100	6.267			3.914 M					
1.109	6.770			3.598 M					
1.127	7.794			3.160 M					
1.143	8.666			2.939 M					
1.150	9.067			2.826 M					
1.200	11.867			2.277 M					
1.250	14.667			1.996 M					
1.286	16.666			1.859 M					
1.300	17.467			1.848 M					
1.343	19.881			1.768 M					
1.350	20.267			1.775 M					
1.400	23.067			1.748 M					
1.450	25.867			1.789 M					
1.464	26.666			1.781 M					
1.500	28.667			1.904 M					
1.550	31.467			2.061 M					
1.600	34.267			2.334 M					
1.643	36.666			2.662 M					
1.650	37.067			2.742 M					
1.690	39.308			3.113 M					
1.700	39.867			3.000 M					
1.750	42.667			2.482 M					
1.800	45.467			1.971 M					
1.821	46.666			1.713 M					
1.850	48.267			1.406 M					
1.893	50.667			0.996 M					
1.900	51.067			1.736 M					
1.950	53.867			1.244 M					
2.000	56.667			0.863 *M					
2.000	56.667			0.865 *M					
2.050	60.667			1.430 M					
2.075	62.667			0.994 *M					
2.100	64.667			1.330 M					
2.125	66.666			1.768 M					
2.150	68.667			2.320 M					
2.200	72.667			3.857 M					
2.201	72.735			3.889 M					
2.250	76.666			2.863 M					
2.300	80.667			2.168 M					
2.350	84.667			1.777 M					
2.375	86.666			1.621 M					
2.400	88.667			1.531 M					
2.450	92.667			1.467 M					
2.483	95.315			1.461 M					
2.500	96.666			1.432 M					
2.550	100.667			1.490 M					
2.600	104.667			1.611 M					
2.625	106.666			1.682 M					
2.650	108.667			1.850 M					
2.700	112.667			2.295 M					
2.750	116.666			3.039 M					
2.765	117.868			3.227 M					
2.800	120.667			2.510 M					
2.850	124.667			1.561 M					
2.875	126.666			1.186 M					
2.888	127.667			1.025 M					
2.900	128.667			2.092 M					
2.950	132.667			1.350 M					
3.000	136.667			0.852 *M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH			SERVICE		
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING
3.000	136.667			0.852 *M			
3.050	140.667			1.342 M	Refined Analysis Point		
3.100	144.667			2.078 M			
3.112	145.667			1.008 M			
3.125	146.666			1.164 M			
3.150	148.667			1.531 M			
3.200	152.667			2.455 M			
3.245	156.265			3.230 M			
3.250	156.666			3.104 M			
3.300	160.667			2.344 M			
3.350	164.667			1.918 M			
3.375	166.666			1.746 M			
3.400	168.667			1.678 M			
3.450	172.667			1.561 M			
3.500	176.666			1.512 M			
3.504	177.007			1.520 M			
3.550	180.667			1.553 M			
3.600	184.667			1.662 M			
3.625	186.666			1.727 M			
3.650	188.667			1.889 M			
3.700	192.667			2.320 M			
3.750	196.666			3.049 M			
3.765	197.838			3.230 M			
3.800	200.667			2.527 M			
3.850	204.667			1.592 M			
3.875	206.666			1.221 M			
3.888	207.667			1.062 M			
3.900	208.667			2.129 M			
3.950	212.667			1.385 M			
4.000	216.667			0.891 *M			
4.000	216.667			0.893 *M			
4.050	220.667			1.391 M			
4.100	224.667			2.135 M			
4.113	225.667			1.070 M			
4.125	226.666			1.230 M			
4.150	228.667			1.604 M			
4.200	232.667			2.537 M			
4.232	235.253			3.201 M			
4.250	236.666			3.025 M			
4.300	240.667			2.285 M			
4.350	244.667			1.871 M			
4.375	246.666			1.705 M			
4.400	248.667			1.639 M			
4.450	252.667			1.529 M			
4.499	256.602			1.486 M			
4.500	256.666			1.484 M			
4.550	260.667			1.531 M			
4.600	264.667			1.645 M			
4.625	266.666			1.711 M			
4.650	268.667			1.875 M			
4.700	272.667			2.312 M			
4.750	276.666			3.045 M			
4.765	277.863			3.229 M			
4.800	280.667			2.525 M			
4.850	284.667			1.584 M			
4.875	286.666			1.211 M			
4.888	287.667			1.053 M			
4.900	288.667			2.117 M			
4.950	292.667			1.373 M			
5.000	296.667			0.879 *M			

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH			SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL
5.000	296.667			0.881 *M				
5.050	300.667			1.377 M				
5.100	304.667			2.117 M				
5.113	305.667			1.053 M				
5.125	306.666			1.209 M				
5.150	308.667			1.580 M				
5.200	312.667			2.508 M				
5.236	315.560			3.236 M				
5.250	316.666			3.047 M				
5.300	320.667			2.303 M				
5.350	324.667			1.885 M				
5.375	326.666			1.719 M				
5.400	328.667			1.650 M				
5.450	332.667			1.539 M				
5.500	336.666			1.494 M				
5.550	340.667			1.541 M				
5.600	344.667			1.652 M				
5.625	346.666			1.719 M				
5.650	348.667			1.883 M				
5.700	352.667			2.318 M				
5.750	356.666			3.053 M				
5.764	357.791			3.244 M				
5.800	360.667			2.523 M				
5.850	364.667			1.582 M				
5.875	366.666			1.211 M				
5.888	367.667			1.053 M				
5.900	368.667			2.119 M				
5.950	372.667			1.373 M				
6.000	376.667			0.881 *M				
6.000	376.667			0.883 *M				
6.050	380.667			1.379 M				
6.100	384.667			2.121 M				
6.112	385.667			1.057 M				
6.125	386.666			1.215 M				
6.150	388.667			1.586 M				
6.200	392.667			2.516 M				
6.235	395.447			3.223 M				
6.250	396.666			3.039 M				
6.300	400.667			2.295 M				
6.350	404.667			1.879 M				
6.375	406.666			1.711 M				
6.400	408.667			1.645 M				
6.450	412.667			1.533 M				
6.500	416.666			1.486 M				
6.501	416.709			1.488 M				
6.550	420.667			1.531 M				
6.600	424.667			1.645 M				
6.625	426.666			1.709 M				
6.650	428.667			1.871 M				
6.700	432.667			2.301 M				
6.750	436.666			3.029 M				
6.767	438.066			3.396 M				
6.800	440.667			2.840 M				
6.850	444.667			1.750 M				
6.875	446.666			1.342 M				
6.900	448.667			0.992 *M				
6.950	452.667			1.361 M				
7.000	456.667			0.850 *M				
7.000	456.667			0.848«*M				

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 6 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-4 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.050	459.867			1.254 M					
7.100	463.067			1.816 M					
7.125	464.667			1.027 M					
7.150	466.267			1.301 M					
7.156	466.666			1.379 M					
7.200	469.467			1.951 M					
7.250	472.667			2.680 M					
7.280	474.589			3.072 M					
7.300	475.867			2.939 M					
7.312	476.666			2.758 M					
7.350	479.067			2.301 M					
7.400	482.267			1.887 M					
7.450	485.467			1.629 M					
7.469	486.666			1.553 M					
7.500	488.667			1.471 M					
7.550	491.867			1.367 M					
7.600	495.067			1.312 M					
7.625	496.666			1.297 M					
7.643	497.792			1.307 M					
7.650	498.267			1.318 M					
7.664	499.166			1.348 M					
7.700	501.467			1.365 M					
7.703	501.666			1.365 M					
7.750	504.667			1.502 M					
7.800	507.867			1.758 M					
7.850	511.067			2.234 M					
7.852	511.166			2.258 M					
7.889	513.539			2.883 M					
7.900	514.267			3.150 M					
7.905	514.563			3.273 M					
7.950	517.467			5.971 M					
7.958	517.948			6.189 V					
8.000	520.658			6.123 V					
8.000	520.667			5.596 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

Controlling Rating for Interior
 Girder in Positive Moment
 Region:Inventory

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			6.078 V					
1.000	0.675			6.367 V					
1.049	3.385			6.627 V					
1.050	3.467			6.812 V					
1.100	6.267			4.043 M					
1.109	6.770			3.713 M					
1.127	7.794			3.254 M					
1.143	8.666			3.084 M					
1.150	9.067			2.996 M					
1.200	11.867			2.387 M					
1.250	14.667			2.031 M					
1.286	16.666			1.871 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs << = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.300	17.467			1.842 M					
1.343	19.881			1.756 M					
1.350	20.267			1.756 M					
1.400	23.067			1.736 M					
1.450	25.867			1.766 M					
1.464	26.666			1.760 M					
1.500	28.667			1.867 M					
1.550	31.467			2.031 M					
1.600	34.267			2.301 M					
1.643	36.666			2.623 M					
1.650	37.067			2.711 M					
1.690	39.308			3.146 M					
1.700	39.867			3.035 M					
1.750	42.667			2.506 M					
1.800	45.467			1.982 M					
1.821	46.666			1.734 M					
1.850	48.267			1.445 M					
1.893	50.667			1.016 M					
1.900	51.067			1.764 M					
1.950	53.867			1.246 M					
2.000	56.667			0.871 *M					
2.000	56.667			0.873 *M					
2.050	60.667			1.426 M					
2.075	62.667			1.004 M					
2.100	64.667			1.365 M					
2.125	66.666			1.824 M					
2.150	68.667			2.447 M					
2.200	72.667			3.975 M					
2.201	72.735			4.004 M					
2.250	76.666			2.816 M					
2.300	80.667			2.125 M					
2.350	84.667			1.742 M					
2.375	86.666			1.605 M					
2.400	88.667			1.521 M					
2.450	92.667			1.447 M					
2.483	95.315			1.426 M					
2.500	96.666			1.416 M					
2.550	100.667			1.465 M					
2.600	104.667			1.592 M					
2.625	106.666			1.668 M					
2.650	108.667			1.830 M					
2.700	112.667			2.248 M					
2.750	116.666			2.977 M					
2.765	117.868			3.252 M					
2.800	120.667			2.549 M					
2.850	124.667			1.598 M					
2.875	126.666			1.229 M					
2.888	127.667			1.053 M					
2.900	128.667			2.141 M					
2.950	132.667			1.355 M					
3.000	136.667			0.855 *M					
3.000	136.667			0.855 *M					
3.050	140.667			1.352 M					
3.100	144.667			2.131 M					
3.112	145.667			1.049 M					
3.125	146.666			1.207 M					
3.150	148.667			1.572 M					
3.200	152.667			2.502 M					
3.245	156.265			3.164 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.250	156.666			3.047 M					
3.300	160.667			2.301 M					
3.350	164.667			1.883 M					
3.375	166.666			1.730 M					
3.400	168.667			1.652 M					
3.450	172.667			1.539 M					
3.500	176.666			1.494 M					
3.504	177.007			1.502 M					
3.550	180.667			1.531 M					
3.600	184.667			1.643 M					
3.625	186.666			1.713 M					
3.650	188.667			1.869 M					
3.700	192.667			2.270 M					
3.750	196.666			2.986 M					
3.765	197.838			3.256 M					
3.800	200.667			2.568 M					
3.850	204.667			1.631 M					
3.875	206.666			1.266 M					
3.888	207.667			1.092 M					
3.900	208.667			2.178 M					
3.950	212.667			1.395 M					
4.000	216.667			0.896 *M					
4.000	216.667			0.896 *M					
4.050	220.667			1.400 M					
4.100	224.667			2.189 M					
4.113	225.667			1.113 M					
4.125	226.666			1.275 M					
4.150	228.667			1.646 M					
4.200	232.667			2.588 M					
4.232	235.253			3.232 M					
4.250	236.666			2.967 M					
4.300	240.667			2.242 M					
4.350	244.667			1.836 M					
4.375	246.666			1.689 M					
4.400	248.667			1.615 M					
4.450	252.667			1.508 M					
4.499	256.602			1.471 M					
4.500	256.666			1.469 M					
4.550	260.667			1.508 M					
4.600	264.667			1.625 M					
4.625	266.666			1.695 M					
4.650	268.667			1.855 M					
4.700	272.667			2.264 M					
4.750	276.666			2.982 M					
4.765	277.863			3.254 M					
4.800	280.667			2.564 M					
4.850	284.667			1.623 M					
4.875	286.666			1.256 M					
4.888	287.667			1.080 M					
4.900	288.667			2.166 M					
4.950	292.667			1.383 M					
5.000	296.667			0.883 *M					
5.000	296.667			0.883 *M					
5.050	300.667			1.385 M					
5.100	304.667			2.172 M					
5.113	305.667			1.094 M					
5.125	306.666			1.254 M					
5.150	308.667			1.621 M					
5.200	312.667			2.559 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.236	315.560			3.266 M					
5.250	316.666			2.988 M					
5.300	320.667			2.258 M					
5.350	324.667			1.850 M					
5.375	326.666			1.701 M					
5.400	328.667			1.627 M					
5.450	332.667			1.520 M					
5.500	336.666			1.479 M					
5.550	340.667			1.518 M					
5.600	344.667			1.633 M					
5.625	346.666			1.703 M					
5.650	348.667			1.863 M					
5.700	352.667			2.268 M					
5.750	356.666			2.988 M					
5.764	357.791			3.270 M					
5.800	360.667			2.562 M					
5.850	364.667			1.621 M					
5.875	366.666			1.254 M					
5.888	367.667			1.080 M					
5.900	368.667			2.166 M					
5.950	372.667			1.385 M					
6.000	376.667			0.885 *M					
6.000	376.667			0.885 *M					
6.050	380.667			1.389 M					
6.100	384.667			2.176 M					
6.112	385.667			1.098 M					
6.125	386.666			1.260 M					
6.150	388.667			1.629 M					
6.200	392.667			2.566 M					
6.235	395.447			3.252 M					
6.250	396.666			2.980 M					
6.300	400.667			2.250 M					
6.350	404.667			1.844 M					
6.375	406.666			1.695 M					
6.400	408.667			1.621 M					
6.450	412.667			1.512 M					
6.500	416.666			1.471 M					
6.501	416.709			1.471 M					
6.550	420.667			1.510 M					
6.600	424.667			1.625 M					
6.625	426.666			1.693 M					
6.650	428.667			1.852 M					
6.700	432.667			2.258 M					
6.750	436.666			2.975 M					
6.767	438.066			3.354 M					
6.800	440.667			2.904 M					
6.850	444.667			1.809 M					
6.875	446.666			1.395 M					
6.900	448.667			1.012 M					
6.950	452.667			1.365 M					
7.000	456.667			0.854<*M					
7.000	456.667			0.854<*M					
7.050	459.867			1.262 M					
7.100	463.067			1.850 M					
7.125	464.667			1.068 M					
7.150	466.267			1.346 M					
7.156	466.666			1.416 M					
7.200	469.467			1.988 M					
7.250	472.667			2.717 M					

□

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 7 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-5 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.280	474.589			3.100 M					
7.300	475.867			2.908 M					
7.312	476.666			2.721 M					
7.350	479.067			2.270 M					
7.400	482.267			1.871 M					
7.450	485.467			1.623 M					
7.469	486.666			1.543 M					
7.500	488.667			1.459 M					
7.550	491.867			1.355 M					
7.600	495.067			1.307 M					
7.625	496.666			1.295 M					
7.643	497.792			1.303 M					
7.650	498.267			1.314 M					
7.664	499.166			1.334 M					
7.700	501.467			1.365 M					
7.703	501.666			1.365 M					
7.750	504.667			1.525 M					
7.800	507.867			1.803 M					
7.850	511.067			2.314 M					
7.852	511.166			2.346 M					
7.889	513.539			2.986 M					
7.900	514.267			3.275 M					
7.905	514.563			3.406 M					
7.950	517.467			6.230 M					
7.958	517.948			6.473 V					
8.000	520.658			6.402 V					
8.000	520.667			5.865 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

Controlling Rating for Interior
 Girder in Positive Moment
 Region:Inventory

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			5.332 V					
1.000	0.675			5.584 V					
1.049	3.385			5.812 V					
1.050	3.467			5.967 V					
1.100	6.267			3.514 M					
1.109	6.770			3.225 M					
1.127	7.794			2.824 M					
1.143	8.666			2.643 M					
1.150	9.067			2.543 M					
1.200	11.867			2.029 M					
1.250	14.667			1.768 M					
1.286	16.666			1.629 M					
1.300	17.467			1.619 M					
1.343	19.881			1.535 M					
1.350	20.267			1.533 M					
1.400	23.067			1.514 M					
1.450	25.867			1.539 M					
1.464	26.666			1.535 M					
1.500	28.667			1.629 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC FRAC	DISTANCE (ft)	STRENGTH				SERVICE			
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.550	31.467			1.775 M					
1.600	34.267			2.010 M					
1.643	36.666			2.258 M					
1.650	37.067			2.322 M					
1.690	39.308			2.678 M					
1.700	39.867			2.652 M					
1.750	42.667			2.193 M					
1.800	45.467			1.781 M					
1.821	46.666			1.619 M					
1.850	48.267			1.410 M					
1.893	50.667			1.074 M					
1.900	51.067			1.854 M					
1.950	53.867			1.260 M					
2.000	56.667			0.859«*M					
2.000	56.667			0.861 *M					
2.050	60.667			1.459 M					
2.075	62.667			1.055 M					
2.100	64.667			1.477 M					
2.125	66.666			2.094 M					
2.150	68.667			2.943 M					
2.200	72.667			3.270 M					
2.201	72.735			3.264 M					
2.250	76.666			2.350 M					
2.300	80.667			1.875 M					
2.350	84.667			1.564 M					
2.375	86.666			1.436 M					
2.400	88.667			1.367 M					
2.450	92.667			1.311 M					
2.483	95.315			1.299 M					
2.500	96.666			1.279 M					
2.550	100.667			1.330 M					
2.600	104.667			1.434 M					
2.625	106.666			1.490 M					
2.650	108.667			1.635 M					
2.700	112.667			1.977 M					
2.750	116.666			2.498 M					
2.765	117.868			2.711 M					
2.800	120.667			2.346 M					
2.850	124.667			1.697 M					
2.875	126.666			1.410 M					
2.888	127.667			1.244 M					
2.900	128.667			2.467 M					
2.950	132.667			1.477 M					
3.000	136.667			0.895 *M					
3.000	136.667			0.895 *M					
3.050	140.667			1.467 M					
3.100	144.667			2.455 M					
3.112	145.667			1.227 M					
3.125	146.666			1.398 M					
3.150	148.667			1.680 M					
3.200	152.667			2.312 M					
3.245	156.265			2.643 M					
3.250	156.666			2.549 M					
3.300	160.667			2.033 M					
3.350	164.667			1.693 M					
3.375	166.666			1.549 M					
3.400	168.667			1.496 M					
3.450	172.667			1.398 M					
3.500	176.666			1.350 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.504	177.007			1.355 M					
3.550	180.667			1.391 M					
3.600	184.667			1.480 M					
3.625	186.666			1.531 M					
3.650	188.667			1.672 M					
3.700	192.667			2.002 M					
3.750	196.666			2.506 M					
3.765	197.838			2.709 M					
3.800	200.667			2.359 M					
3.850	204.667			1.732 M					
3.875	206.666			1.455 M					
3.888	207.667			1.289 M					
3.900	208.667			2.508 M					
3.950	212.667			1.520 M					
4.000	216.667			0.938 *M					
4.000	216.667			0.938 *M					
4.050	220.667			1.520 M					
4.100	224.667			2.525 M					
4.113	225.667			1.301 M					
4.125	226.666			1.467 M					
4.150	228.667			1.748 M					
4.200	232.667			2.377 M					
4.232	235.253			2.811 M					
4.250	236.666			2.484 M					
4.300	240.667			1.980 M					
4.350	244.667			1.650 M					
4.375	246.666			1.512 M					
4.400	248.667			1.463 M					
4.450	252.667			1.369 M					
4.499	256.602			1.328 M					
4.500	256.666			1.326 M					
4.550	260.667			1.371 M					
4.600	264.667			1.465 M					
4.625	266.666			1.518 M					
4.650	268.667			1.658 M					
4.700	272.667			1.994 M					
4.750	276.666			2.504 M					
4.765	277.863			2.711 M					
4.800	280.667			2.357 M					
4.850	284.667			1.725 M					
4.875	286.666			1.443 M					
4.888	287.667			1.277 M					
4.900	288.667			2.496 M					
4.950	292.667			1.508 M					
5.000	296.667			0.924 *M					
5.000	296.667			0.924 *M					
5.050	300.667			1.504 M					
5.100	304.667			2.504 M					
5.113	305.667			1.277 M					
5.125	306.666			1.441 M					
5.150	308.667			1.723 M					
5.200	312.667			2.350 M					
5.236	315.560			2.762 M					
5.250	316.666			2.504 M					
5.300	320.667			1.996 M					
5.350	324.667			1.664 M					
5.375	326.666			1.523 M					
5.400	328.667			1.475 M					
5.450	332.667			1.379 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.500	336.666			1.336 M					
5.550	340.667			1.379 M					
5.600	344.667			1.473 M					
5.625	346.666			1.525 M					
5.650	348.667			1.666 M					
5.700	352.667			2.000 M					
5.750	356.666			2.510 M					
5.764	357.791			2.707 M					
5.800	360.667			2.359 M					
5.850	364.667			1.727 M					
5.875	366.666			1.445 M					
5.888	367.667			1.277 M					
5.900	368.667			2.496 M					
5.950	372.667			1.508 M					
6.000	376.667			0.926 *M					
6.000	376.667			0.926 *M					
6.050	380.667			1.506 M					
6.100	384.667			2.510 M					
6.112	385.667			1.281 M					
6.125	386.666			1.445 M					
6.150	388.667			1.727 M					
6.200	392.667			2.355 M					
6.235	395.447			2.781 M					
6.250	396.666			2.496 M					
6.300	400.667			1.990 M					
6.350	404.667			1.656 M					
6.375	406.666			1.518 M					
6.400	408.667			1.467 M					
6.450	412.667			1.371 M					
6.500	416.666			1.328 M					
6.501	416.709			1.328 M					
6.550	420.667			1.371 M					
6.600	424.667			1.463 M					
6.625	426.666			1.516 M					
6.650	428.667			1.654 M					
6.700	432.667			1.982 M					
6.750	436.666			2.490 M					
6.767	438.066			2.752 M					
6.800	440.667			3.143 M					
6.850	444.667			2.236 M					
6.875	446.666			1.637 M					
6.900	448.667			1.143 M					
6.950	452.667			1.451 M					
7.000	456.667			0.871 *M					
7.000	456.667			0.871 *M					
7.050	459.867			1.324 M					
7.100	463.067			2.016 M					
7.125	464.667			1.186 M					
7.150	466.267			1.424 M					
7.156	466.666			1.482 M					
7.200	469.467			1.877 M					
7.250	472.667			2.387 M					
7.280	474.589			2.725 M					
7.300	475.867			2.475 M					
7.312	476.666			2.330 M					
7.350	479.067			1.988 M					
7.400	482.267			1.664 M					
7.450	485.467			1.447 M					
7.469	486.666			1.377 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 8 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-6 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.500	488.667			1.305 M					
7.550	491.867			1.217 M					
7.600	495.067			1.172 M					
7.625	496.666			1.160 M					
7.643	497.792			1.170 M					
7.650	498.267			1.180 M					
7.664	499.166			1.207 M					
7.700	501.467			1.229 M					
7.703	501.666			1.229 M					
7.750	504.667			1.361 M					
7.800	507.867			1.605 M					
7.850	511.067			2.041 M					
7.852	511.166			2.062 M					
7.889	513.539			2.629 M					
7.900	514.267			2.881 M					
7.905	514.563			2.998 M					
7.950	517.467			5.508 M					
7.958	517.948			5.732 V					
8.000	520.658			5.672 V					
8.000	520.667			5.193 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

Controlling Rating for Interior
 Girder in Positive Moment
 Region:Inventory

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			6.492 V					
1.000	0.675			6.789 V					
1.049	3.385			7.061 V					
1.050	3.467			7.254 V					
1.100	6.267			4.250 M					
1.109	6.770			3.896 M					
1.127	7.794			3.412 M					
1.143	8.666			3.234 M					
1.150	9.067			3.156 M					
1.200	11.867			2.533 M					
1.250	14.667			2.193 M					
1.286	16.666			2.027 M					
1.300	17.467			2.008 M					
1.343	19.881			1.914 M					
1.350	20.267			1.912 M					
1.400	23.067			1.883 M					
1.450	25.867			1.922 M					
1.464	26.666			1.924 M					
1.500	28.667			2.033 M					
1.550	31.467			2.203 M					
1.600	34.267			2.492 M					
1.643	36.666			2.820 M					
1.650	37.067			2.896 M					
1.690	39.308			3.303 M					
1.700	39.867			3.186 M					
1.750	42.667			2.633 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
1.800	45.467			2.141 M					
1.821	46.666			1.947 M					
1.850	48.267			1.697 M					
1.893	50.667			1.352 M					
1.900	51.067			2.377 M					
1.950	53.867			1.635 M					
2.000	56.667			1.102« M					
2.000	56.667			1.104 M					
2.050	60.667			1.895 M					
2.075	62.667			1.395 M					
2.100	64.667			1.971 M					
2.125	66.666			2.816 M					
2.150	68.667			3.891 M					
2.200	72.667			3.975 M					
2.201	72.735			3.969 M					
2.250	76.666			2.939 M					
2.300	80.667			2.314 M					
2.350	84.667			1.943 M					
2.375	86.666			1.799 M					
2.400	88.667			1.713 M					
2.450	92.667			1.635 M					
2.483	95.315			1.615 M					
2.500	96.666			1.607 M					
2.550	100.667			1.660 M					
2.600	104.667			1.789 M					
2.625	106.666			1.869 M					
2.650	108.667			2.035 M					
2.700	112.667			2.447 M					
2.750	116.666			3.127 M					
2.765	117.868			3.385 M					
2.800	120.667			2.809 M					
2.850	124.667			2.033 M					
2.875	126.666			1.691 M					
2.888	127.667			1.529 M					
2.900	128.667			3.234 M					
2.950	132.667			1.928 M					
3.000	136.667			1.152 M					
3.000	136.667			1.152 M					
3.050	140.667			1.924 M					
3.100	144.667			3.221 M					
3.112	145.667			1.514 M					
3.125	146.666			1.674 M					
3.150	148.667			2.010 M					
3.200	152.667			2.768 M					
3.245	156.265			3.283 M					
3.250	156.666			3.188 M					
3.300	160.667			2.510 M					
3.350	164.667			2.102 M					
3.375	166.666			1.941 M					
3.400	168.667			1.861 M					
3.450	172.667			1.742 M					
3.500	176.666			1.697 M					
3.504	177.007			1.703 M					
3.550	180.667			1.734 M					
3.600	184.667			1.848 M					
3.625	186.666			1.920 M					
3.650	188.667			2.080 M					
3.700	192.667			2.477 M					
3.750	196.666			3.137 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
3.765	197.838			3.387 M					
3.800	200.667			2.828 M					
3.850	204.667			2.078 M					
3.875	206.666			1.746 M					
3.888	207.667			1.588 M					
3.900	208.667			3.295 M					
3.950	212.667			1.984 M					
4.000	216.667			1.209 M					
4.000	216.667			1.209 M					
4.050	220.667			1.994 M					
4.100	224.667			3.301 M					
4.113	225.667			1.598 M					
4.125	226.666			1.756 M					
4.150	228.667			2.092 M					
4.200	232.667			2.844 M					
4.232	235.253			3.402 M					
4.250	236.666			3.109 M					
4.300	240.667			2.445 M					
4.350	244.667			2.051 M					
4.375	246.666			1.896 M					
4.400	248.667			1.820 M					
4.450	252.667			1.707 M					
4.499	256.602			1.670 M					
4.500	256.666			1.666 M					
4.550	260.667			1.709 M					
4.600	264.667			1.828 M					
4.625	266.666			1.904 M					
4.650	268.667			2.064 M					
4.700	272.667			2.467 M					
4.750	276.666			3.133 M					
4.765	277.863			3.387 M					
4.800	280.667			2.824 M					
4.850	284.667			2.068 M					
4.875	286.666			1.732 M					
4.888	287.667			1.574 M					
4.900	288.667			3.277 M					
4.950	292.667			1.967 M					
5.000	296.667			1.193 M					
5.000	296.667			1.193 M					
5.050	300.667			1.973 M					
5.100	304.667			3.271 M					
5.113	305.667			1.568 M					
5.125	306.666			1.727 M					
5.150	308.667			2.061 M					
5.200	312.667			2.811 M					
5.236	315.560			3.404 M					
5.250	316.666			3.133 M					
5.300	320.667			2.465 M					
5.350	324.667			2.066 M					
5.375	326.666			1.910 M					
5.400	328.667			1.834 M					
5.450	332.667			1.719 M					
5.500	336.666			1.678 M					
5.550	340.667			1.719 M					
5.600	344.667			1.838 M					
5.625	346.666			1.912 M					
5.650	348.667			2.072 M					
5.700	352.667			2.475 M					
5.750	356.666			3.141 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
5.764	357.791			3.389 M					
5.800	360.667			2.828 M					
5.850	364.667			2.070 M					
5.875	366.666			1.734 M					
5.888	367.667			1.576 M					
5.900	368.667			3.283 M					
5.950	372.667			1.969 M					
6.000	376.667			1.193 M					
6.000	376.667			1.193 M					
6.050	380.667			1.977 M					
6.100	384.667			3.275 M					
6.112	385.667			1.572 M					
6.125	386.666			1.730 M					
6.150	388.667			2.066 M					
6.200	392.667			2.820 M					
6.235	395.447			3.422 M					
6.250	396.666			3.123 M					
6.300	400.667			2.455 M					
6.350	404.667			2.059 M					
6.375	406.666			1.902 M					
6.400	408.667			1.824 M					
6.450	412.667			1.709 M					
6.500	416.666			1.668 M					
6.501	416.709			1.670 M					
6.550	420.667			1.709 M					
6.600	424.667			1.826 M					
6.625	426.666			1.900 M					
6.650	428.667			2.061 M					
6.700	432.667			2.461 M					
6.750	436.666			3.115 M					
6.767	438.066			3.424 M					
6.800	440.667			3.838 M					
6.850	444.667			2.779 M					
6.875	446.666			2.201 M					
6.900	448.667			1.539 M					
6.950	452.667			1.895 M					
7.000	456.667			1.123 M					
7.000	456.667			1.121 M					
7.050	459.867			1.723 M					
7.100	463.067			2.682 M					
7.125	464.667			1.455 M					
7.150	466.267			1.705 M					
7.156	466.666			1.773 M					
7.200	469.467			2.250 M					
7.250	472.667			2.857 M					
7.280	474.589			3.260 M					
7.300	475.867			3.086 M					
7.312	476.666			2.914 M					
7.350	479.067			2.484 M					
7.400	482.267			2.082 M					
7.450	485.467			1.814 M					
7.469	486.666			1.729 M					
7.500	488.667			1.639 M					
7.550	491.867			1.527 M					
7.600	495.067			1.469 M					
7.625	496.666			1.457 M					
7.643	497.792			1.471 M					
7.650	498.267			1.479 M					
7.664	499.166			1.502 M					

Refined Analysis Point

Controlling Rating for Interior
 Girder in Positive Moment
 Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 9 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-7 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.700	501.467			1.537 M					
7.703	501.666			1.537 M					
7.750	504.667			1.703 M					
7.800	507.867			1.988 M					
7.850	511.067			2.486 M					
7.852	511.166			2.518 M					
7.889	513.539			3.189 M					
7.900	514.267			3.500 M					
7.905	514.563			3.643 M					
7.950	517.467			6.709 M					
7.958	517.948			6.996 V					
8.000	520.658			6.920 V					
8.000	520.667			6.352 V					
8.000	520.667			10.000					
8.375	520.917			10.000					

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
0.000	0.000			10.000					
0.625	0.417			10.000					
1.000	0.667			10.000					
1.000	0.667			9.895 V					
1.000	0.675			10.000					
1.049	3.385			10.000					
1.050	3.467			10.000					
1.100	6.267			6.453 M					
1.109	6.770			5.914 M					
1.127	7.794			5.174 M					
1.143	8.666			5.006 M					
1.150	9.067			4.848 M					
1.200	11.867			3.967 M					
1.250	14.667			3.428 M					
1.286	16.666			3.078 M					
1.300	17.467			3.102 M					
1.343	19.881			2.963 M					
1.350	20.267			3.029 M					
1.400	23.067			2.955 M					
1.450	25.867			3.004 M					
1.464	26.666			2.947 M					
1.500	28.667			3.209 M					
1.550	31.467			3.473 M					
1.600	34.267			3.943 M					
1.643	36.666			4.264 M					
1.650	37.067			4.451 M					
1.690	39.308			4.914 M					
1.700	39.867			4.740 M					
1.750	42.667			3.916 M					
1.800	45.467			3.188 M					
1.821	46.666			2.900 M					
1.850	48.267			2.529 M					
1.893	50.667			1.996 M					
1.900	51.067			3.531 M					
1.950	53.867			2.660 M					
2.000	56.667			1.768« M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
2.000	56.667			1.768« M					
2.050	60.667			3.102 M					
2.075	62.667			2.326 M					
2.100	64.667			3.426 M					
2.125	66.666			4.871 M					
2.150	68.667			6.258 M					
2.200	72.667			6.359 M					
2.201	72.735			6.332 M					
2.250	76.666			4.449 M					
2.300	80.667			3.688 M					
2.350	84.667			3.100 M					
2.375	86.666			2.768 M					
2.400	88.667			2.637 M					
2.450	92.667			2.586 M					
2.483	95.315			2.586 M					
2.500	96.666			2.473 M					
2.550	100.667			2.611 M					
2.600	104.667			2.814 M					
2.625	106.666			2.871 M					
2.650	108.667			3.180 M					
2.700	112.667			3.895 M					
2.750	116.666			4.725 M					
2.765	117.868			5.076 M					
2.800	120.667			4.160 M					
2.850	124.667			3.018 M					
2.875	126.666			2.512 M					
2.888	127.667			2.273 M					
2.900	128.667			4.818 M					
2.950	132.667			3.197 M					
3.000	136.667			1.867 M					
3.000	136.667			1.867 M					
3.050	140.667			3.180 M					
3.100	144.667			4.789 M					
3.112	145.667			2.234 M					
3.125	146.666			2.469 M					
3.150	148.667			2.965 M					
3.200	152.667			4.107 M					
3.245	156.265			5.078 M					
3.250	156.666			4.834 M					
3.300	160.667			3.998 M					
3.350	164.667			3.352 M					
3.375	166.666			2.986 M					
3.400	168.667			2.955 M					
3.450	172.667			2.752 M					
3.500	176.666			2.613 M					
3.504	177.007			2.643 M					
3.550	180.667			2.729 M					
3.600	184.667			2.906 M					
3.625	186.666			2.951 M					
3.650	188.667			3.250 M					
3.700	192.667			3.871 M					
3.750	196.666			4.740 M					
3.765	197.838			5.084 M					
3.800	200.667			4.191 M					
3.850	204.667			3.086 M					
3.875	206.666			2.594 M					
3.888	207.667			2.361 M					
3.900	208.667			4.916 M					
3.950	212.667			3.291 M					
4.000	216.667			1.959 M					

Refined Analysis Point

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
4.000	216.667			1.957 M					
4.050	220.667			3.297 M					
4.100	224.667			4.889 M					
4.113	225.667			2.357 M					
4.125	226.666			2.592 M					
4.150	228.667			3.086 M					
4.200	232.667			4.225 M					
4.232	235.253			5.047 M					
4.250	236.666			4.709 M					
4.300	240.667			3.896 M					
4.350	244.667			3.270 M					
4.375	246.666			2.916 M					
4.400	248.667			2.889 M					
4.450	252.667			2.697 M					
4.499	256.602			2.572 M					
4.500	256.666			2.566 M					
4.550	260.667			2.689 M					
4.600	264.667			2.877 M					
4.625	266.666			2.924 M					
4.650	268.667			3.227 M					
4.700	272.667			3.865 M					
4.750	276.666			4.734 M					
4.765	277.863			5.080 M					
4.800	280.667			4.186 M					
4.850	284.667			3.070 M					
4.875	286.666			2.574 M					
4.888	287.667			2.338 M					
4.900	288.667			4.893 M					
4.950	292.667			3.264 M					
5.000	296.667			1.932 M					
5.000	296.667			1.932 M					
5.050	300.667			3.264 M					
5.100	304.667			4.846 M					
5.113	305.667			2.314 M					
5.125	306.666			2.547 M					
5.150	308.667			3.039 M					
5.200	312.667			4.174 M					
5.236	315.560			5.104 M					
5.250	316.666			4.746 M					
5.300	320.667			3.928 M					
5.350	324.667			3.295 M					
5.375	326.666			2.938 M					
5.400	328.667			2.910 M					
5.450	332.667			2.715 M					
5.500	336.666			2.584 M					
5.550	340.667			2.705 M					
5.600	344.667			2.891 M					
5.625	346.666			2.938 M					
5.650	348.667			3.238 M					
5.700	352.667			3.867 M					
5.750	356.666			4.744 M					
5.764	357.791			5.109 M					
5.800	360.667			4.191 M					
5.850	364.667			3.074 M					
5.875	366.666			2.578 M					
5.888	367.667			2.344 M					
5.900	368.667			4.904 M					
5.950	372.667			3.266 M					
6.000	376.667			1.934 M					

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs <= CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
FRAC	(ft)	INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
6.000	376.667			1.934 M					
6.050	380.667			3.270 M					
6.100	384.667			4.852 M					
6.112	385.667			2.322 M					
6.125	386.666			2.555 M					
6.150	388.667			3.049 M					
6.200	392.667			4.188 M					
6.235	395.447			5.078 M					
6.250	396.666			4.730 M					
6.300	400.667			3.914 M					
6.350	404.667			3.281 M					
6.375	406.666			2.924 M					
6.400	408.667			2.896 M					
6.450	412.667			2.701 M					
6.500	416.666			2.568 M					
6.501	416.709			2.572 M					
6.550	420.667			2.689 M					
6.600	424.667			2.873 M					
6.625	426.666			2.920 M					
6.650	428.667			3.219 M					
6.700	432.667			3.906 M					
6.750	436.666			4.717 M					
6.767	438.066			5.221 M					
6.800	440.667			5.557 M					
6.850	444.667			4.006 M					
6.875	446.666			3.332 M					
6.900	448.667			2.666 M					
6.950	452.667			3.123 M					
7.000	456.667			1.811 M					
7.000	456.667			1.812 M					
7.050	459.867			2.830 M					
7.100	463.067			4.102 M					
7.125	464.667			2.150 M					
7.150	466.267			2.520 M					
7.156	466.666			2.619 M					
7.200	469.467			3.348 M					
7.250	472.667			4.248 M					
7.280	474.589			4.842 M					
7.300	475.867			4.689 M					
7.312	476.666			4.404 M					
7.350	479.067			3.797 M					
7.400	482.267			3.193 M					
7.450	485.467			2.797 M					
7.469	486.666			2.654 M					
7.500	488.667			2.533 M					
7.550	491.867			2.365 M					
7.600	495.067			2.277 M					
7.625	496.666			2.238 M					
7.643	497.792			2.260 M					
7.650	498.267			2.293 M					
7.664	499.166			2.391 M					
7.700	501.467			2.354 M					
7.703	501.666			2.348 M					
7.750	504.667			2.602 M					
7.800	507.867			3.016 M					
7.850	511.067			3.775 M					
7.852	511.166			3.824 M					
7.889	513.539			4.850 M					
7.900	514.267			5.328 M					
7.905	514.563			5.543 M					

Refined Analysis Point

Controlling Rating for Interior Girder in Positive Moment Region:Inventory

----- LRFR RATING SUMMARY -----

LL CASE NUMBER: 10 CONTROLLING RATING CODES: M = MOMENT
 LL PATTERN: MainedOT_Config-8 V = SHEAR
 COMBINATION TABLE: Maine Legal Runs « = CONTROLLING LOCATION
 LANE POSITION: MULTIPLE LANE WITH IMPACT (Cont'd) * = DEFICIENT

SPAN.LOC	DISTANCE	STRENGTH				SERVICE			
		INVENTORY	OPERATING	LEGAL	PERMIT	INVENTORY	OPERATING	LEGAL	PERMIT
7.950	517.467			10.000					
7.958	517.948			10.000					
8.000	520.658			10.000					
8.000	520.667			9.721	V				
8.000	520.667			10.000					
8.375	520.917			10.000					

PARK AND STALLINGS

Refined Analysis for Negative Moment Lateral Torsional Buckling**Background**

The Third Edition of the AASHTO LRFD Bridge Design Specifications contains a revised Article 6.10.8.2.3 to address nonprismatic beams. The following paragraph was added:

"For unbraced lengths in which the member is nonprismatic, the lateral torsional buckling resistance of the compression flange F_{nc} at each section within the unbraced length may be taken as the smallest resistance within the unbraced length under consideration determined from Eq. 6.10.8.2.3-1, 6.10.8.2.3-2, or 6.10.8.2.3-3, as applicable, assuming the unbraced length is prismatic. The moment gradient modifier, C_b , shall be taken equal to 1.0 in this case and L_b shall not be modified by an effective length factor."

This provision can cause problems during load rating of existing structures because of the common practice of increasing the flange sizes near interior supports by either adding cover plates on rolled shapes or by changing the flange dimensions on welded plate girders. Unless the transition to the smaller section is at a distance of less than or equal to 20% of the unbraced length from the brace point subjected to the smaller moment, in which case the transition can be ignored and treated as a prismatic beam of the larger section, the above provision governs. Often the requirement of taking C_b as 1.0 results in a significant decrease in section capacity and a load rating of less than 1.0.

A load rating below 1.0 can have significant consequences including exclusion of permit vehicles, load posting, and/or strengthening of the structure. In order to develop a reasonable estimate of bridge capacity, refined approaches to the lateral torsional buckling resistance of nonprismatic beams were evaluated.

Available Refined Methods

The commentary for Article 6.10.8.2.3 suggests a procedure for providing a refined estimate of the lateral torsional buckling resistance can be found in Grubb and Schmidt (2004). The Grubb and Schmidt procedure produced results that were inconsistent with expectations for some situations. Given the consequences of a low rating and that existing structures were not designed for modern design codes, HNTB elected to evaluate refined estimates of lateral torsional buckling resistance that are available from research or design codes of other organizations that are generally accepted in the engineering community in addition to the Grubb and Schmidt procedure referenced in the commentary.

Two articles published in the ASCE Journal of Structural Engineering by Park and Stallings (2003, 2005) were found involving the lateral torsional buckling resistance of stepped beams. Park and Stallings (2003) related the lateral torsional buckling resistance of a stepped beam subjected to generalized top flange loading to the lateral torsional buckling capacity of a prismatic beam subjected to uniform moment applied at the shear center. The lateral torsional buckling resistance of a prismatic beam having the smallest section in the unbraced length is determined, F_{nc} , and multiplied by two factors, C_b and C_{st} . The C_b factor accounts for the effects of variation in the moment over the unbraced length using a four moment equation similar to the AISC Specifications (2005); however, the equation was modified to include the effects of top flange loading. The C_{st} factor accounts for the size and location of the step in the cross section. The Park and Stallings (2005) approach includes an additional factor F to account for the ratio of the unbraced length to height of the section. However, the validation of the F factor generally falls outside of the range of unbraced length to section height ratios for the bridge under consideration. In that case a load rating is not developed according to the 2005 methodology.

Summary and Conclusions

Based on review of available literature for refined methods of estimating the lateral torsional buckling resistance of stepped beams, HNTB exercises its engineering judgment to use the methodology provided by Park and Stallings (2003) to determine the load rating for stepped beams when not using the methodology would result in an inventory rating less than 1.0. The rating is developed in the following sheets and is presented at the end alongside the rating that results from following the AASHTO LRFD Bridge Design Specification guidance in Article 6.10.8.2.3.

References

- AISC, 2005. Steel Construction Manual, 13th Edition. American Institute of Steel Construction, Chicago, Illinois.
- Grubb, M.A. and R.E. Schmidt, 2004. Three-Span Continuous Straight Composite I-Girder, Load and Resistance Factor Design, Third Edition - Customary U.S. Units. Available from the National Steel Bridge Alliance, Chicago, IL. pp. C1-C5.
- Park, J.S. and J.M. Stallings, 2003. "Lateral-Torsional Buckling of Stepped Beams," Journal of Structural Engineering, ASCE, Vol. 129, No. 11 pp. 1457-1465.
- Park, J.S. and J.M. Stallings, 2005. "Lateral-Torsional Buckling of Stepped Beams with Continuous Bracing," Journal of Bridge Engineering, ASCE, Vol. 10, No. 1 pp. 87-95.

Section Properties

Pier 6, Small Section of Unbraced Length

Section Location: **EXTERIOR GIRDER 1 (36WF135)**

Non-Composite Section Properties (Steel Beam only)

Component	w	h	A _s	y	A _s y	d	d ²	A _s (d ²)	I _o	I _o + A _s (d ²)
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Plate 1 Top	0.00	0.00	0.0	35.55	0.0	17.78	316	0	0	0
Plate 2 Top	11.95	0.79	9.5	35.15	333.4	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	17.78	361.0	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	0.40	3.8	-17.38	302	2864	0	2865
Plate 1 Bottom	0.00	0.00	0.0	0.00	0.0	-17.78	316	0	0	0
Summations: Σ			$\Sigma A_s =$	39.3	$\Sigma A_s(y) =$	698			$I_x =$	7682

$$Y_{Bar} = 17.78 \text{ in. } Y_{Bar} = \Sigma A_s(y) / \Sigma A_s$$

"y" taken from bottom of beam

Beam Depth:	D _{Beam} =	35.55	in.	D _{Beam} = Σh	d =	y - Y _{Bar}	I _o = (1/12) w h ³
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Non-Composite Steel Beam Summary

Beam Web Thickness:	$t_w =$	0.60	in.	t_w based on "Web" above.				
Beam Web Depth:	$D_w =$	33.96	in.	D_w based on "Web" above.				
Beam Flange Width:	$bf_{Top} =$	11.95	in.	bf_{Top} based on "Plate Top" above.				
Beam Flange Width:	$bf_{Bottom} =$	11.95	in.	bf_{Bottom} based on "Plate Bottom" above.				
Beam Top Flange Thick:	$tf_{Top} =$	0.79	in.	tf_{Top} based on "Plate Top" above.				
Beam Bot Flange Thick:	$tf_{Bottom} =$	0.79	in.	tf_{Bottom} based on "Plate Bottom" above.				
	$y_{Top} =$	17.78	in.	$y_{Top} = D_{Beam} - y_{Bottom}$	$S_{Top} =$	432	in. ³	Section modulus to top of steel
	$y_{Bottom} =$	17.78	in.	$y_{Bottom} = Y_{Bar}$	$S_{Bottom} =$	432	in. ³	Section modulus to bottom of steel

Composite Steel Beam Summary

Top Reinforcing

Top clear cover	clear =	1.5	in.
Transverse bar diameter		0.625	in.
Distance from top of deck to top reinforcing, c _{rt}	c _{rt} =	2.438	in.
Number of bars (Total bars in Negative Moment Region)	N _{top} =	0	(Non-composite)
Bar diameter	b _d =	0.625	in.
Bar Area	b _{area} =	0.31	in.
Area of Negative Reinforcement, top	A _{r-top-neg} =	0.00	in. ²

Bottom Reinforcing

Bottom clear cover	clear =	1	in.
Distance from top of deck to bottom reinforcing, c _{rb}	c _{rb} =	-1.144	in.
Number of bars (Total bars in Negative Moment Region)	N _{bot} =	0	(Non-composite)
Bar diameter	b _d =	0.625	in.
Bar Area	b _{area} =	0.31	in.
Area of Negative Reinforcement, top	A _{r-bot-neg} =	0.00	in. ²

Component	w	h	A _s	y	A _s y	d	d ²	A _s (d ²)	I _o	I _o + A _s (d ²)
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Deck Top Reinforcing	-	-	0.0	33.91	0.0	16.13	260	0	0.00	0
Deck Bottom Reinforcing	-	-	0.0	37.49	0.0	19.71	389	0	0.00	0
Plate 1 Top	0.00	0.00	0.0	35.55	0.0	17.78	316	0	0	0
Plate 2 Top	11.95	0.79	9.5	35.15	333.4	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	17.78	361.0	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	0.40	3.8	-17.38	302	2864	0	2865
Plate 1 Bottom	0.00	0.00	0.0	0.00	0.0	-17.78	316	0	0	0

$$\Sigma A_s = 39.3 \quad \Sigma A_s(y) = 698 \quad Y_{Bar} = 17.78 \text{ in. } Y_{Bar} = \Sigma A_s(y) / \Sigma A_s$$

"y" taken from bottom of beam

Y _{Top} =	17.78	in.	Y _{Top} = D _{Beam} - Y _{Bottom}	S _{Top} =	432	in. ³	Section modulus to top of steel
Y _{Bottom} =	17.78	in.	Y _{Bottom} = Y _{Bar}	S _{Bottom} =	432	in. ³	Section modulus to bottom of steel

Section Properties

Pier 6, Large Section of Unbraced Length

Section Location: **EXTERIOR GIRDER 1 (36WF135, w/ Cover Plate)**

Non-Composite Section Properties (Steel Beam only)

Component	w	h	A_s	y	$A_s y$	d	d^2	$A_s(d^2)$	I_o	$I_o + A_s(d^2)$
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Plate 1 Top	10.00	0.88	8.8	36.86	322.5	18.21	332	2902	1	2903
Plate 2 Top	11.95	0.79	9.5	36.03	341.7	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	18.65	378.8	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	1.27	12.1	-17.38	302	2864	0	2865
Plate 1 Bottom	10.00	0.88	8.8	0.44	3.8	-18.21	332	2902	1	2903
Summations: Σ			$\Sigma A_s =$		$\Sigma A_s(y) =$				$I_x =$	
			56.8		1059					
					$Y_{Bar} =$	18.65 in.				

$Y_{Bar} = \Sigma A_s(y) / \Sigma A_s$
"y" taken from bottom of beam

Beam Depth:	$D_{Beam} =$	37.30	in.	$D_{Beam} = \Sigma h$	$d =$	y - Y_{Bar}	$I_o = (1/12) w h^3$
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Non-Composite Steel Beam Summary

Beam Web Thickness:	$t_w =$	0.60	in.	t_w based on "Web" above.				
Beam Web Depth:	$D_w =$	33.96	in.	D_w based on "Web" above.				
Beam Flange Width:	$bf_{Top} =$	11.95	in.	bf_{Top} based on "Plate Top" above.				
Beam Flange Width:	$bf_{Bottom} =$	11.95	in.	bf_{Bottom} based on "Plate Bottom" above.				
Beam Top Flange Thick:	$tf_{Top} =$	1.67	in.	tf_{Top} based on "Plate Top" above.				
Beam Bot Flange Thick:	$tf_{Bottom} =$	1.67	in.	tf_{Bottom} based on "Plate Bottom" above.				
	$y_{Top} =$	18.65	in.	$y_{Top} = D_{Beam} - y_{Bottom}$	$S_{Top} =$	723	in. ³	Section modulus to top of steel
	$y_{Bottom} =$	18.65	in.	$y_{Bottom} = Y_{Bar}$	$S_{Bottom} =$	723	in. ³	Section modulus to bottom of steel

Composite Steel Beam Summary

Top Reinforcing

Top clear cover	clear =	1.5	in.
Transverse bar diameter		0.625	in.
Distance from top of deck to top reinforcing, c_{rt}	$c_{rt} =$	2.438	in.
Number of bars (Total bars in Negative Moment Region)	$N_{top} =$	0	(Non-composite)
Bar diameter	$b_d =$	0.625	in.
Bar Area	$b_{area} =$	0.31	in.
Area of Negative Reinforcement, top	$A_{r-top-neg} =$	0.00	in. ²

Bottom Reinforcing

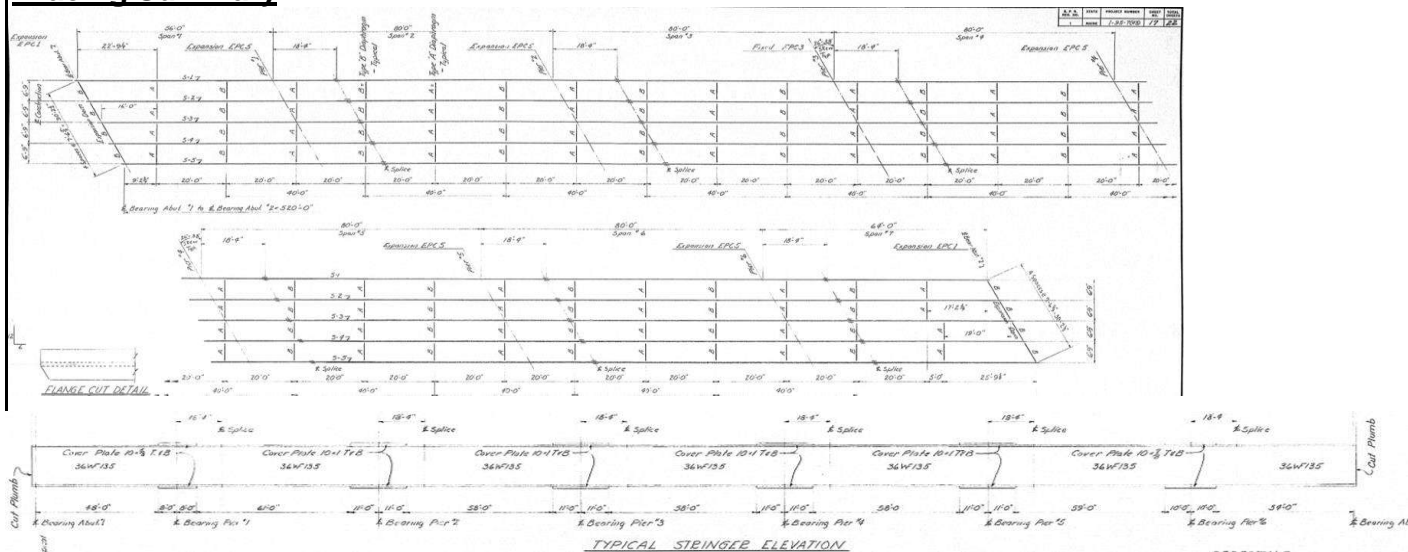
Bottom clear cover	clear =	1	in.
Distance from top of deck to bottom reinforcing, c_{rb}	$c_{rb} =$	-1.144	in.
Number of bars (Total bars in Negative Moment Region)	$N_{bot} =$	0	(Non-composite)
Bar diameter	$b_d =$	0.625	in.
Bar Area	$b_{area} =$	0.31	in.
Area of Negative Reinforcement, top	$A_{r-bot-neg} =$	0.00	in. ²

Component	w	h	A_s	y	$A_s y$	d	d^2	$A_s(d^2)$	I_o	$I_o + A_s(d^2)$
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Deck Top Reinforcing	-	-	0.0	35.66	0.0	17.01	289	0	0.00	0
Deck Bottom Reinforcing	-	-	0.0	39.24	0.0	20.59	424	0	0.00	0
Plate 1 Top	10.00	0.88	8.8	36.86	322.5	18.21	332	2902	1	2903
Plate 2 Top	11.95	0.79	9.5	36.03	341.7	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	18.65	378.8	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	1.27	12.1	-17.38	302	2864	0	2865
Plate 1 Bottom	10.00	0.88	8.8	0.44	3.8	-18.21	332	2902	1	2903
Summations: Σ			$\Sigma A_s =$		$\Sigma A_s(y) =$				$I_x =$	
			56.8		1059					
					$Y_{Bar} =$	18.65 in.				

$Y_{Bar} = \Sigma A_s(y) / \Sigma A_s$
"y" taken from bottom of beam

$y_{Top} =$	18.65	in.	$y_{Top} = D_{Beam} - y_{Bottom}$	$S_{Top} =$	723	in. ³	Section modulus to top of steel
$y_{Bottom} =$	18.65	in.	$y_{Bottom} = Y_{Bar}$	$S_{Bottom} =$	723	in. ³	Section modulus to bottom of steel

Bracing Summary



Pier 6

$Unbraced\ Length,\ L_b = 158.713\ in.$
 $L_b = 13.23\ ft.$

$Length\ of\ cover\ plate/Splice,\ L_2 = 120\ in.$ (Assume 1 transition from smallest to largest)
 $L_2 = 10.00\ ft.$

$L_2/L_b = 0.76 < 0.80$ thus section will be evaluated as non prismatic per AASHTO 6.10.8.2.3.

$F_y = 36.0\ ksi$
 $F_{y_rebar} = 36.0\ ksi$
 $tc = 0.79\ in.$

Moment Summary

Pier 6

Moments taken from BDGS model output for exterior girder from page 38 of BDGS output.

Note: Moments causing compression in the bottom flange is reported at a positive value; moments causing tension in the bottom flange is reported as a negative value.

Span Fraction	Unfactored Moments (k-ft)				
	M_{max}	M_A	M_B	M_C	M_{braced}
DC1	398	291	228	196	88
DC2	140	103	80	69	31
DW	69	51	40	34	16
LL	721	570	480	437	301

M_{max} = Maximum moment at pier
 M_A = Moment at 1/4 of braced length
 M_B = Moment at 1/2 of braced length
 M_C = Moment at 3/4 of braced length
 M_{braced} = Moment at braced location

	Factored Moments (k-ft)				
	M_{max}	M_A	M_B	M_C	M_{braced}
DC1	498	364	285	245	110
DC2	175	129	100	86	39
DW	104	77	60	51	24
LL	1262	998	840	765	527
Total DL	776	569	445	382	173
Total LL	1262	998	840	765	527
Total	2038	1567	1285	1147	700

RESISTANCE

Pier 6 (Negative Flexure, Small Section in Unbraced Length)

ai) Compression flange local buckling, $\lambda_f < \lambda_{pf}$ LRFD A6.3.2

where $\lambda_f = b_{f-bot} / (2 * t_{f-bot})$ $b_{f-bot} = 11.95$ in.
 $\lambda_f = 7.52$ $t_{f-bot} = 0.79$ in.
 $\lambda_{pf} = 0.38 \text{ SQRT}(E/F_{yc})$
 $\lambda_{pf} = 10.79$
 $\lambda_{rf} = 0.95 \text{ SQRT}(E * k_c / F_{yr})$ $F_{yr} = 25.20$ ksi
 $\lambda_{rf} = 28.10$ $k_c = 0.76$ rolled shape

ii) Determine Web Load-Shedding Factor and Hybrid Factor

Compute R_b

$a_{wc} = 2D_c * t_w / A_{fn}$ $D_c = 17.0$ in. LRFD 6.10.1.10.2
 $a_{wc} = 2.141$ $A_{fn} = \text{Area of bottom flange}$ See LRFD D6.3.1
 $A_{fn} = 9.5$ in.²
 $t_w = 0.60$ in.
 $R_b = 1 - (a_{wc} / (1200 + 300a_{wc})) * (2 * D_c / t_w - \lambda_{rw}) < 1.0$ LRFD 6.10.1.10.2-3
 $\lambda_{rw} = 162$ LRFD 6.10.1.10.2-4
 $R_b = 1.00$

Compute R_h

$\beta = 2 * D_n * t_w / A_{fn}$ $D_n = 17.0$ in. LRFD 6.10.1.10.1
 $\beta = 2.14$ LRFD 6.10.1.10.1-2
 $R_h = (12 + \beta(3\rho - \rho^3)) / (12 + 2\beta)$ $\rho = 1.0$ LRFD 6.10.1.10.1-1
 $R_h = 1.00$

b. Check Lateral Torsional Buckling R LRFD A6.3.3

i) Unbraced length LTB, $L_b < L_p$

Compute Limiting Unbraced Length to Achieve Nominal Flexural Resistance

$r_t = b_{fc} / [12 * (1 + (D_c t_w) / (3b_{fc} t_{fc}))]^{0.5}$ $b_{fc} = 11.9$ in.
 $r_t = 3.0$ in. $D_c = 16.98$ in.
 $t_w = 0.60$ in.
 $t_{fc} = 0.79$ in.
 $L_p = 1.0 * r_t * \text{SQRT}(E/F_{yc})$
 $L_p = 84$ in. $L_b = 158.713$ in.

$F_{nc_LTB} = R_b R_h F_{yc}$
 $F_{nc_LTB} = \text{N/A}$ ksi.

ii) Unbraced length LTB, $L_p < L_b < L_r$

Compute Limiting Unbraced Length to Achieve Nominal Onset of Yielding in Flanges

$$\frac{L_r}{L_p} \leq \left(1 - \frac{1}{315} \left(\frac{F_{yr}}{R_h F_{yc}} \right) \left(\frac{L_b - L_p}{L_r - L_p} \right) \right) R_b R_h F_{yc} \leq R_b R_h F_{yc}$$

Compute Nominal Moment Resistance

$M_{nc_LTB} =$

$F_{yr} = 25.2$ ksi
 $R_b = 1.0$
 $R_h = 1.0$
 $F_y = 36$ ksi
 $L_b = 159$ in.
 $L_p = 84$ in.
 $L_r = 315$ in.

Compute Moment Gradient Modifier

$$C_b = 1.75 - 1.05(F_1/F_2) + 0.3(F_1/F_2)^2 < 2.3$$

Factored Moments at Brace Points

	F_1	F_2	
DC1 =	3.05	8.26	ksi
DC2 =	1.08	2.90	ksi
WS =	0.67	1.72	ksi
Lane+Truck =	14.63	20.94	ksi
Total	19.42	33.81	ksi

$$C_b = 1.00 \quad \text{per AASHTO 6.10.8.2.3.} \quad \frac{C_b R_b \pi^2 E}{(L_b / r_t)^2}$$

$$F_{nc_LTB} = 32.5 \quad \text{ksi}$$

iii) Unbraced length LTB, $L_b > L_r$

$$F_{nc_LTB} = F_{cr} < R_h R_b F_{yc}$$

LRFD 6.10.8.2.3-3

$$F_{cr} =$$

LRFD 6.10.8.2.3-8

$$F_{nc_LTB} = \text{N/A} \quad \text{ksi}$$

$$F_{cr} = 100 \quad \text{ksi}$$

iv) Result of section

$$F_{nc_LTB} = \text{LRFD eq. 6.10.8.2.3-2}$$

$$F_{nc_LTB} = 32.5 \quad \text{ksi}$$

RESISTANCE Based on article "Lateral-Torsional Buckling of Stepped Beams"

Summary of Section Properties

Section 1 Compression Flange Properties (Larger Section)

$$\begin{aligned} b_{f_{Bottom1}} &= 11.95 \text{ in} \\ t_{f_{Bottom1}} &= 1.53 \text{ in} \end{aligned}$$

Section 0 Compression Flange Properties (Smaller Section)

$$\begin{aligned} b_{f_{Bottom0}} &= 11.95 \text{ in.} \\ t_{f_{Bottom0}} &= 0.79 \text{ in.} \\ t_{w0} &= 0.60 \text{ in.} \\ \text{Height, } h &= 34.76 \text{ in.} \quad (\text{Centroid of flange to centroid of flange}) \end{aligned}$$

$$\begin{aligned} \text{Unbraced Length, } L_b &= 13.23 \text{ ft} \\ &= 159 \text{ in.} \\ \text{Length of Cover Plate, } L_2 &= 10.00 \text{ ft} \\ &= 120 \text{ in.} \end{aligned}$$

Summary of Moments

$$\begin{aligned} M_{max} &= 2038 \text{ k-ft.} \\ M_A &= 1567 \text{ k-ft.} \\ M_B &= 1285 \text{ k-ft.} \\ M_C &= 1147 \text{ k-ft.} \end{aligned}$$

Calculate Factors

$$\begin{aligned} \alpha &= L_2/L_b \\ \alpha &= 0.756 \\ \beta &= b_{f_{Bottom1}}/b_{f_{Bottom0}} \\ \beta &= 1.000 \\ \gamma &= t_{f_{Bottom1}}/t_{f_{Bottom0}} \\ \gamma &= 1.923 \end{aligned}$$

Calculate Modifiers

$$\begin{aligned} C_b &= 10M_{max}/(4M_{max} + M_A + 7M_B + M_C) \\ C_b &= 1.03 \\ C_0 &= 1.0 \\ C_{st} &= C_0 + 1.5\alpha^{1.6}(\beta\gamma^{1.2}-1) \\ C_{st} &= 2.14 \end{aligned}$$

Moment Resistance Based on Smaller Section

$$F_{ocr} = 32.5 \text{ ksi}$$

Calculate Moment Resistance of Larger Section

$$\begin{aligned} F_{st} &= C_{bst}C_{st}M_{ocr} \\ F_{st} &= 36.0 \text{ ksi} \end{aligned}$$

RESISTANCE Based on article "Lateral-Torsional Buckling of Stepped Beams with Continuous Bracing"

Summary of Section Properties

Section 1 Compression Flange Properties (Larger Section)

$$b_{f_{Bottom1}} = 11.95 \text{ in}$$

$$t_{f_{Bottom1}} = 1.53 \text{ in}$$

Section 0 Compression Flange Properties (Smaller Section)

$$b_{f_{Bottom0}} = 11.95 \text{ in.}$$

$$t_{f_{Bottom0}} = 0.79 \text{ in.}$$

$$t_{w0} = 0.60 \text{ in.}$$

$$\text{Height, } h = 34.76 \text{ in.} \quad (\text{Centroid of flange to centroid of flange})$$

$$\text{Unbraced Length, } L_b = 13.23 \text{ ft}$$

$$159 \text{ in.}$$

$$\text{Length of Cover Plate, } L_2 = 10.00 \text{ ft}$$

$$120 \text{ in.}$$

Summary of Moments

$$M_0 = 2038 \text{ k-ft} \quad (M_{max})$$

$$M_1 = 700 \text{ k-ft} \quad (M_{braced})$$

$$M_{CL} = -1285 \text{ k-ft} \quad (-M_B)$$

Calculate Factors

$$\alpha = L_2/L_b$$

$$\alpha = 0.756$$

$$\beta = b_{f_{Bottom1}}/b_{f_{Bottom0}}$$

$$\beta = 1.000$$

$$\gamma = t_{f_{Bottom1}}/t_{f_{Bottom0}}$$

$$\gamma = 1.923$$

Calculate Modifiers

$$C_b = 3.0 - 2/3 * (M_1/M_0) + 8/3 * M_{CL} / (M_0 + M_1)$$

$$C_b = 1.52$$

$$C_0 = 0.9 \quad \text{If both moments at brace locations are negative, then 0.9.}$$

$$\quad \text{If one moment is negative and the other positive, then 1.25.}$$

$$C_{st} = C_0 + 1.5\alpha^{1.6}(\beta\gamma^{1.2}-1)$$

$$C_{st} = 2.04$$

$$F = L_b/(40h) + 0.5, \text{ if } 15 < L_b/h < 40 \quad L_b/h = 4.57$$

$$F = \text{N/A}$$

Moment Resistance Based on Smaller Section

$$F_{ocr} = 32.5 \text{ ksi}$$

Calculate Moment Resistance of Larger Section

$$F_{st} = F C_b C_{st} F_{ocr}$$

$$F_{st} = \text{N/A} \text{ ksi}$$

Rating Summary

Pier 6

Capacity

$$C = \Phi \Phi_c \Phi_s R_n$$

$\Phi = 1.00$	per LRFD	LRFD 6.5.4.2, Factor for Loading (flexure or shear)
$\Phi_c = 1.00$	per NBI Condition	MBE 6A.4.2.3 Factor for Condition
$\Phi_s = 1.00$	for Redundant System	MBE 6A.4.2.4 Factor for System

Moment Capacity

AASHTO	Stallings w/o Bracing	Stallings w/ Bracing
$F_n = 32.5$	$F_n = 36.0$	$F_n = N/A$
$C_M = \Phi \Phi_c \Phi_s F_n$	$C_M = \Phi \Phi_c \Phi_s F_n$	$C_M = \Phi \Phi_c \Phi_s F_n$
$C_M = 32.5$	$C_M = 36.0$	$C_M = N/A$

Ratings

$$RF = [(\Phi \Phi_c \Phi_s R_n) - \text{Total DC1 Stress} - \text{Total DC2 Stress}] / [\text{Total LL Stress}] \quad \text{General Equation}$$

Total DC1 Moment =	498	k-ft	Total DC1 Stress =	8.26	ksi
Total DC2 Moment =	279	k-ft	Total DC2 Stress =	4.62	ksi
Total LL Moment =	1262	k-ft	Total LL Stress =	20.94	ksi

AASHTO	Stallings w/o Bracing	Stallings w/ Bracing *
$INV_{RF} = 0.938$	$INV_{RF} = 1.10$	$INV_{RF} = N/A$
$OPR_{RF} = 1.22$	$OPR_{RF} = 1.43$	$OPR_{RF} = N/A$

* Stalling's w/ bracing is N/A for the Snakeroot Road Bridge over I-95 due to the ratio of L_b/h calculated on page 8 of Refined Analysis. The Snakeroot Road Bridge over I-95 ratio is outside of the completed research range and therefore Stalling's w/ Bracing cannot be used as a method of evaluation.

State Legal Load Ratings

	Unfactored Moment	Factored Stress (ksi)	Rating Factor
SLL 1	739	15.94	1.45
SLL 2	680	14.67	1.58
SLL 3	738	15.92	1.45
SLL 4	731	15.77	1.47
SLL 5	723	15.60	1.48
SLL 6	657	14.17	1.63
SLL 7	502	10.83	2.14
SLL 8	303	6.54	3.54

Refined Analysis for Negative Moment Lateral Torsional Buckling**Background**

The Third Edition of the AASHTO LRFD Bridge Design Specifications contains a revised Article 6.10.8.2.3 to address nonprismatic beams. The following paragraph was added:

"For unbraced lengths in which the member is nonprismatic, the lateral torsional buckling resistance of the compression flange F_{nc} at each section within the unbraced length may be taken as the smallest resistance within the unbraced length under consideration determined from Eq. 6.10.8.2.3-1, 6.10.8.2.3-2, or 6.10.8.2.3-3, as applicable, assuming the unbraced length is prismatic. The moment gradient modifier, C_b , shall be taken equal to 1.0 in this case and L_b shall not be modified by an effective length factor."

This provision can cause problems during load rating of existing structures because of the common practice of increasing the flange sizes near interior supports by either adding cover plates on rolled shapes or by changing the flange dimensions on welded plate girders. Unless the transition to the smaller section is at a distance of less than or equal to 20% of the unbraced length from the brace point subjected to the smaller moment, in which case the transition can be ignored and treated as a prismatic beam of the larger section, the above provision governs. Often the requirement of taking C_b as 1.0 results in a significant decrease in section capacity and a load rating of less than 1.0.

A load rating below 1.0 can have significant consequences including exclusion of permit vehicles, load posting, and/or strengthening of the structure. In order to develop a reasonable estimate of bridge capacity, refined approaches to the lateral torsional buckling resistance of nonprismatic beams were evaluated.

Available Refined Methods

The commentary for Article 6.10.8.2.3 suggests a procedure for providing a refined estimate of the lateral torsional buckling resistance can be found in Grubb and Schmidt (2004). The Grubb and Schmidt procedure produced results that were inconsistent with expectations for some situations. Given the consequences of a low rating and that existing structures were not designed for modern design codes, HNTB elected to evaluate refined estimates of lateral torsional buckling resistance that are available from research or design codes of other organizations that are generally accepted in the engineering community in addition to the Grubb and Schmidt procedure referenced in the commentary.

Two articles published in the ASCE Journal of Structural Engineering by Park and Stallings (2003, 2005) were found involving the lateral torsional buckling resistance of stepped beams. Park and Stallings (2003) related the lateral torsional buckling resistance of a stepped beam subjected to generalized top flange loading to the lateral torsional buckling capacity of a prismatic beam subjected to uniform moment applied at the shear center. The lateral torsional buckling resistance of a prismatic beam having the smallest section in the unbraced length is determined, F_{nc} , and multiplied by two factors, C_b and C_{st} . The C_b factor accounts for the effects of variation in the moment over the unbraced length using a four moment equation similar to the AISC Specifications (2005); however, the equation was modified to include the effects of top flange loading. The C_{st} factor accounts for the size and location of the step in the cross section. The Park and Stallings (2005) approach includes an additional factor F to account for the ratio of the unbraced length to height of the section. However, the validation of the F factor generally falls outside of the range of unbraced length to section height ratios for the bridge under consideration. In that case a load rating is not developed according to the 2005 methodology.

Summary and Conclusions

Based on review of available literature for refined methods of estimating the lateral torsional buckling resistance of stepped beams, HNTB exercises its engineering judgment to use the methodology provided by Park and Stallings (2003) to determine the load rating for stepped beams when not using the methodology would result in an inventory rating less than 1.0. The rating is developed in the following sheets and is presented at the end alongside the rating that results from following the AASHTO LRFD Bridge Design Specification guidance in Article 6.10.8.2.3.

References

AISC, 2005. Steel Construction Manual, 13th Edition. American Institute of Steel Construction, Chicago, Illinois.

Grubb, M.A. and R.E. Schmidt, 2004. Three-Span Continuous Straight Composite I-Girder, Load and Resistance Factor Design, Third Edition - Customary U.S. Units. Available from the National Steel Bridge Alliance, Chicago, IL. pp. C1-C5.

Park, J.S. and J.M. Stallings, 2003. "Lateral-Torsional Buckling of Stepped Beams," Journal of Structural Engineering, ASCE, Vol. 129, No. 11 pp. 1457-1465.

Park, J.S. and J.M. Stallings, 2005. "Lateral-Torsional Buckling of Stepped Beams with Continuous Bracing," Journal of Bridge Engineering, ASCE, Vol. 10, No. 1 pp. 87-95.

Section Properties

Pier 2, Small Section of Unbraced Length

Section Location: **INTERIOR GIRDER 3 (36WF135)**

Non-Composite Section Properties (Steel Beam only)

Component	w	h	A _s	y	A _s y	d	d ²	A _s (d ²)	I _o	I _o + A _s (d ²)
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Plate 1 Top	0.00	0.00	0.0	35.55	0.0	17.78	316	0	0	0
Plate 2 Top	11.95	0.79	9.5	35.15	333.4	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	17.78	361.0	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	0.40	3.8	-17.38	302	2864	0	2865
Plate 1 Bottom	0.00	0.00	0.0	0.00	0.0	-17.78	316	0	0	0
Summations: Σ			ΣA _s = 39.3	ΣA _s (y) = 698					I _x = 7682	

$$Y_{\text{Bar}} = 17.78 \text{ in. } Y_{\text{Bar}} = \Sigma A_s(y) / \Sigma A_s$$

"y" taken from bottom of beam

Beam Depth:	D _{Beam} = 35.55 in.	D _{Beam} = Σh	d = y - Y _{Bar}	I _o = (1/12) w h ³
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Non-Composite Steel Beam Summary

Beam Web Thickness:	t _w =	0.60	in.	t _w based on "Web" above.		
Beam Web Depth:	D _w =	33.96	in.	D _w based on "Web" above.		
Beam Flange Width:	bf _{Top} =	11.95	in.	bf _{Top} based on "Plate Top" above.		
Beam Flange Width:	bf _{Bottom} =	11.95	in.	bf _{Bottom} based on "Plate Bottom" above.		
Beam Top Flange Thick:	tf _{Top} =	0.79	in.	tf _{Top} based on "Plate Top" above.		
Beam Bot Flange Thick:	tf _{Bottom} =	0.79	in.	tf _{Bottom} based on "Plate Bottom" above.		
	Y _{Top} =	17.78	in.	Y _{Top} = D _{Beam} - Y _{Bottom}	S _{Top} =	432 in. ³ Section modulus to top of steel
	Y _{Bottom} =	17.78	in.	Y _{Bottom} = Y _{Bar}	S _{Bottom} =	432 in. ³ Section modulus to bottom of steel

Composite Steel Beam Summary

Top Reinforcing

Top clear cover	clear = 1.5 in.
Transverse bar diameter	0.625 in.
Distance from top of deck to top reinforcing, c _{rt}	c _{rt} = 2.438 in.
Number of bars (Total bars in Negative Moment Region)	N _{top} = 0 (Non-composite)
Bar diameter	b _d = 0.625 in.
Bar Area	b _{area} = 0.31 in.
Area of Negative Reinforcement, top	A _{r-top-neg} = 0.00 in. ²

Bottom Reinforcing

Bottom clear cover	clear = 1 in.
Distance from top of deck to bottom reinforcing, c _{rb}	c _{rb} = -1.144 in.
Number of bars (Total bars in Negative Moment Region)	N _{bot} = 0 (Non-composite)
Bar diameter	b _d = 0.625 in.
Bar Area	b _{area} = 0.31 in.
Area of Negative Reinforcement, top	A _{r-bot-neg} = 0.00 in. ²

Component	w	h	A _s	y	A _s y	d	d ²	A _s (d ²)	I _o	I _o + A _s (d ²)
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Deck Top Reinforcing	-	-	0.0	33.91	0.0	16.13	260	0	0.00	0
Deck Bottom Reinforcing	-	-	0.0	37.49	0.0	19.71	389	0	0.00	0
Plate 1 Top	0.00	0.00	0.0	35.55	0.0	17.78	316	0	0	0
Plate 2 Top	11.95	0.79	9.5	35.15	333.4	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	17.78	361.0	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	0.40	3.8	-17.38	302	2864	0	2865
Plate 1 Bottom	0.00	0.00	0.0	0.00	0.0	-17.78	316	0	0	0

$$\text{Summations: } \Sigma \quad \Sigma A_s = 39.3 \quad \Sigma A_s(y) = 698 \quad Y_{\text{Bar}} = 17.78 \text{ in. } Y_{\text{Bar}} = \Sigma A_s(y) / \Sigma A_s$$

"y" taken from bottom of beam

Y _{Top} = 17.78 in.	Y _{Top} = D _{Beam} - Y _{Bottom}	S _{Top} = 432 in. ³	Section modulus to top of steel
Y _{Bottom} = 17.78 in.	Y _{Bottom} = Y _{Bar}	S _{Bottom} = 432 in. ³	Section modulus to bottom of steel

Section Properties

Pier 2, Large Section of Unbraced Length

Section Location: **INTERIOR GIRDER 3 (36WF135, w/ Cover Plate)**

Non-Composite Section Properties (Steel Beam only)

Component	w	h	A _s	y	A _s y	d	d ²	A _s (d ²)	I _o	I _o + A _s (d ²)
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Plate 1 Top	10.00	1.00	10.0	37.05	370.5	18.28	334	3340	1	3341
Plate 2 Top	11.95	0.79	9.5	36.15	342.9	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	18.78	381.3	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	1.40	13.2	-17.38	302	2864	0	2865
Plate 1 Bottom	10.00	1.00	10.0	0.50	5.0	-18.28	334	3340	1	3341
Summations: Σ		ΣA _s =	59.3	ΣA _s (y) =	1113				I _x =	14363

Beam Depth: $D_{Beam} =$ 37.55 in. $D_{Beam} = \Sigma h$ $d =$ y - Y_{Bar} $I_o = (1/12) w h^3$

Non-Composite Steel Beam Summary

Beam Web Thickness:	$t_w =$	0.60	in.	t_w based on "Web" above.				
Beam Web Depth:	$D_w =$	33.96	in.	D_w based on "Web" above.				
Beam Flange Width:	$bf_{Top} =$	11.95	in.	bf_{Top} based on "Plate Top" above.				
Beam Flange Width:	$bf_{Bottom} =$	11.95	in.	bf_{Bottom} based on "Plate Bottom" above.				
Beam Top Flange Thick:	$tf_{Top} =$	1.79	in.	tf_{Top} based on "Plate Top" above.				
Beam Bot Flange Thick:	$tf_{Bottom} =$	1.79	in.	tf_{Bottom} based on "Plate Bottom" above.				
	$y_{Top} =$	18.78	in.	$y_{Top} = D_{Beam} - y_{Bottom}$	$S_{Top} =$	765	in. ³	Section modulus to top of steel
	$y_{Bottom} =$	18.78	in.	$y_{Bottom} = Y_{Bar}$	$S_{Bottom} =$	765	in. ³	Section modulus to bottom of steel

Composite Steel Beam Summary

Top Reinforcing

Top clear cover	clear =	1.5	in.
Transverse bar diameter		0.625	in.
Distance from top of deck to top reinforcing, c_{rt}	$c_{rt} =$	2.438	in.
Number of bars (Total bars in Negative Moment Region)	$N_{top} =$	0	(Non-composite)
Bar diameter	$b_d =$	0.625	in.
Bar Area	$b_{area} =$	0.31	in.
Area of Negative Reinforcement, top	$A_{r-top-neg} =$	0.00	in. ²

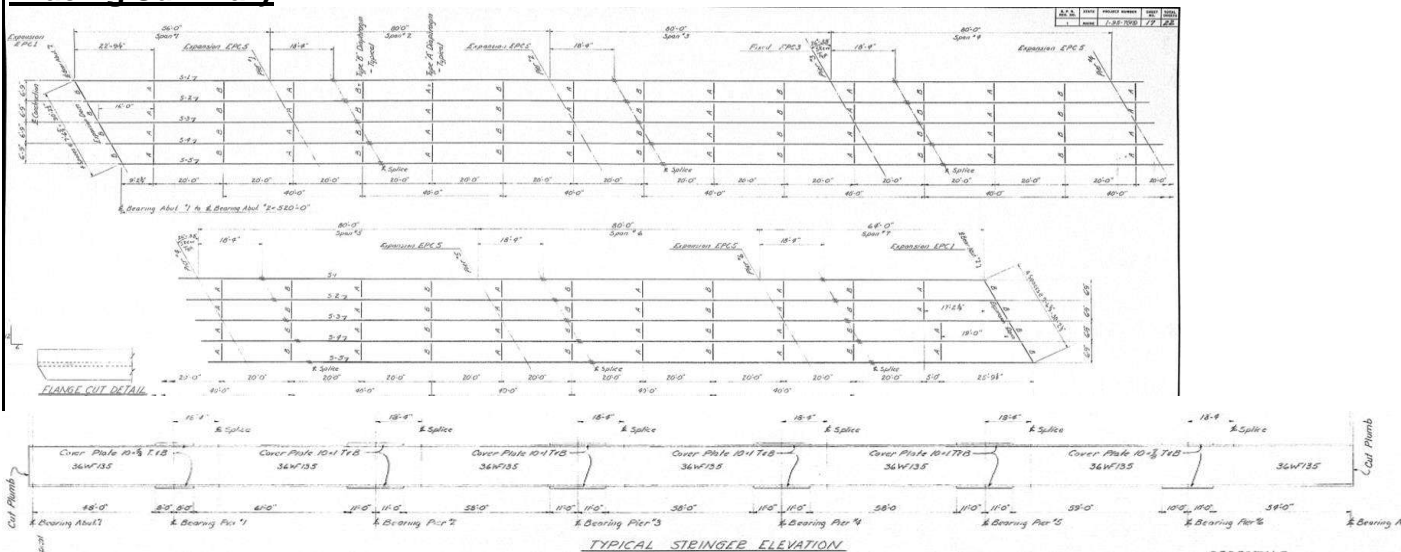
Bottom Reinforcing

Bottom clear cover	clear =	1	in.
Distance from top of deck to bottom reinforcing, c_{rb}	$c_{rb} =$	-1.144	in.
Number of bars (Total bars in Negative Moment Region)	$N_{bot} =$	0	(Non-composite)
Bar diameter	$b_d =$	0.625	in.
Bar Area	$b_{area} =$	0.31	in.
Area of Negative Reinforcement, top	$A_{r-bot-neg} =$	0.00	in. ²

Component	w	h	A _s	y	A _s y	d	d ²	A _s (d ²)	I _o	I _o + A _s (d ²)
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Deck Top Reinforcing	-	-	0.0	35.91	0.0	17.13	293	0	0.00	0
Deck Bottom Reinforcing	-	-	0.0	39.49	0.0	20.71	429	0	0.00	0
Plate 1 Top	10.00	1.00	10.0	37.05	370.5	18.28	334	3340	1	3341
Plate 2 Top	11.95	0.79	9.5	36.15	342.9	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	18.78	381.3	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	1.40	13.2	-17.38	302	2864	0	2865
Plate 1 Bottom	10.00	1.00	10.0	0.50	5.0	-18.28	334	3340	1	3341
Summations: Σ		$\Sigma A_c =$	59.3	$\Sigma A_s(y) =$	1113				$I_c =$	14,363

$Y_{Top} =$ 18.78 in. $Y_{Top} = D_{Beam} - Y_{Bottom}$ $S_{Top} =$ 765 in.³ Section modulus to top of steel
 $Y_{Bottom} =$ 18.78 in. $Y_{Bottom} = Y_{Bar}$ $S_{Bottom} =$ 765 in.³ Section modulus to bottom of steel

Bracing Summary



Pier 2

Unbraced Length, $L_b = 240$ in.
 $L_b = 20.00$ ft.

Length of cover plate/Splice, $L_2 = 132$ in. (Assume 1 transition from smallest to largest)
 $L_2 = 11.00$ ft.

$L_2/L_b = 0.55 < 0.80$ thus section will be evaluated as non prismatic per AASHTO 6.10.8.2.3.

$F_y = 36.0$ ksi
 $F_{y_rebar} = 36.0$ ksi
 $t_c = 0.79$ in.

Moment Summary

Pier 2

Moments taken from BDGS model output for exterior girder from page 513 of BDGS output.

Note: Moments causing compression in the bottom flange is reported at a positive value; moments causing tension in the bottom flange is reported as a negative value.

Span Fraction	Unfactored Moments (k-ft)				
	M_{max}	M_A	M_B	M_C	M_{braced}
DC1	478	352	188	53	-21
DC2	148	109	58	17	-6
DW	72	53	29	8	-3
LL	830	671	470	325	277

M_{max} = Maximum moment at pier
 M_A = Moment at 1/4 of braced length
 M_B = Moment at 1/2 of braced length
 M_C = Moment at 3/4 of braced length
 M_{braced} = Moment at braced location

	Factored Moments (k-ft)				
	M_{max}	M_A	M_B	M_C	M_{braced}
DC1	598	440	235	66	-26
DC2	185	136	73	21	-8
DW	108	80	44	12	-5
LL	1453	1174	823	569	485
Total DL	891	656	351	100	-38
Total LL	1453	1174	823	569	485
Total	2343	1830	1174	668	447

RESISTANCE

Pier 2 (Negative Flexure, Small Section in Unbraced Length)

ai) Compression flange local buckling, $\lambda_f < \lambda_{pf}$ LRFD A6.3.2

where $\lambda_f = b_{f-bot} / (2 * t_{f-bot})$ $b_{f-bot} = 11.95$ in.
 $\lambda_f = 7.52$ $t_{f-bot} = 0.79$ in.
 $\lambda_{pf} = 0.38 \text{ SQRT}(E/F_{yc})$
 $\lambda_{pf} = 10.79$
 $\lambda_{rf} = 0.95 \text{ SQRT}(E * k_c / F_{yr})$ $F_{yr} = 25.20$ ksi
 $\lambda_{rf} = 28.10$ $k_c = 0.76$ rolled shape

ii) Determine Web Load-Shedding Factor and Hybrid Factor

Compute R_b

$a_{wc} = 2D_c * t_w / A_{fn}$ $D_c = 17.0$ in. LRFD 6.10.1.10.2
 $a_{wc} = 2.141$ See LRFD D6.3.1
 $A_{fn} = \text{Area of bottom flange}$
 $A_{fn} = 9.5$ in.²
 $t_w = 0.60$ in.
 $R_b = 1 - (a_{wc} / (1200 + 300a_{wc})) * (2 * D_c / t_w - \lambda_{rw}) < 1.0$ LRFD 6.10.1.10.2-3
 $\lambda_{rw} = 162$ LRFD 6.10.1.10.2-4
 $R_b = 1.00$

Compute R_h

$\beta = 2 * D_n * t_w / A_{fn}$ $D_n = 17.0$ in. LRFD 6.10.1.10.1
 $\beta = 2.14$ LRFD 6.10.1.10.1-2
 $R_h = (12 + \beta(3\rho - \rho^3)) / (12 + 2\beta)$ $\rho = 1.0$ LRFD 6.10.1.10.1-1
 $R_h = 1.00$

b. Check Lateral Torsional Buckling R LRFD A6.3.3

i) Unbraced length LTB, $L_b < L_p$

Compute Limiting Unbraced Length to Achieve Nominal Flexural Resistance

$r_t = b_{fc} / [12 * (1 + (D_c t_w) / (3 b_{fc} t_{fc}))]^{0.5}$ $b_{fc} = 11.9$ in.
 $r_t = 3.0$ in. $D_c = 16.98$ in.
 $t_w = 0.60$ in.
 $t_{fc} = 0.79$ in.
 $L_p = 1.0 * r_t * \text{SQRT}(E/F_{yc})$
 $L_p = 84$ in. $L_b = 240$ in.

$F_{nc_LTB} = R_b R_h F_{yc}$
 $F_{nc_LTB} = \text{N/A}$ ksi.

ii) Unbraced length LTB, $L_p < L_b < L_r$

Compute Limiting Unbraced Length to Achieve Nominal Onset of Yielding in Flanges

$L_r = \pi * r_t * \text{SQRT}(E/F_{yr})$
 $L_r = 315$ in.

Compute Nominal Moment Resistance

$$M_{nc_LTB} = C_b \left(1 - \left(1 - \frac{F_{yr}}{R_h F_{yc}} \right) \left(\frac{L_b - L_p}{L_r - L_p} \right) \right) R_b R_h F_{yc} \leq R_b R_h F_{yc}$$

$F_{yr} = 25.2$ ksi
 $R_b = 1.0$
 $R_h = 1.0$
 $F_{yc} = 36$ ksi
 $L_b = 240$ in.
 $L_p = 84$ in.
 $L_r = 315$ in.

Compute Moment Gradient Modifier

$$C_b = 1.75 - 1.05(F_1/F_2) + 0.3(F_1/F_2)^2 < 2.3$$

Factored Moments at Brace Points

	F_1	F_2	
DC1 =	-0.73	9.37	ksi
DC2 =	-0.21	2.90	ksi
WS =	-0.12	1.69	ksi
Lane+Truck =	13.46	22.78	ksi
Total	12.40	36.75	ksi

$$C_b = 1.00 \quad \text{per AASHTO 6.10.8.2.3.}$$

$$F_{nc_LTB} = 28.7 \quad \text{ksi}$$

iii) Unbraced length LTB, $L_b > L_r$

$$F_{nc_LTB} = F_{cr} < R_h R_b F_{yc}$$

$$F_{nc_LTB} = \text{N/A} \quad \text{ksi}$$

$$F_{cr} = \frac{C_b R_b \pi^2 E}{(L_b / r_t)^2} \quad \text{LRFD 6.10.8.2.3-3}$$

$$F_{cr} = 44 \quad \text{ksi} \quad \text{LRFD 6.10.8.2.3-8}$$

iv) Result of section

$$F_{nc_LTB} = \text{LRFD eq. 6.10.8.2.3-2}$$

$$F_{nc_LTB} = 28.7 \quad \text{ksi}$$

RESISTANCE Based on article "Lateral-Torsional Buckling of Stepped Beams"

Summary of Section Properties

Section 1 Compression Flange Properties (Larger Section)

$$\begin{aligned} b_{f_{Bottom1}} &= 11.95 \text{ in} \\ t_{f_{Bottom1}} &= 1.63 \text{ in} \end{aligned}$$

Section 0 Compression Flange Properties (Smaller Section)

$$\begin{aligned} b_{f_{Bottom0}} &= 11.95 \text{ in.} \\ t_{f_{Bottom0}} &= 0.79 \text{ in.} \\ t_{w0} &= 0.60 \text{ in.} \\ \text{Height, } h &= 34.76 \text{ in.} \quad (\text{Centroid of flange to centroid of flange}) \end{aligned}$$

$$\begin{aligned} \text{Unbraced Length, } L_b &= 20.00 \text{ ft} \\ &= 240 \text{ in.} \\ \text{Length of Cover Plate, } L_2 &= 11.00 \text{ ft} \\ &= 132 \text{ in.} \end{aligned}$$

Summary of Moments

$$\begin{aligned} M_{max} &= 2343 \text{ k-ft.} \\ M_A &= 1830 \text{ k-ft.} \\ M_B &= 1174 \text{ k-ft.} \\ M_C &= 668 \text{ k-ft.} \end{aligned}$$

Calculate Factors

$$\begin{aligned} \alpha &= L_2/L_b \\ \alpha &= 0.550 \\ \beta &= b_{f_{Bottom1}}/b_{f_{Bottom0}} \\ \beta &= 1.000 \\ \gamma &= t_{f_{Bottom1}}/t_{f_{Bottom0}} \\ \gamma &= 2.054 \end{aligned}$$

Calculate Modifiers

$$\begin{aligned} C_b &= 10M_{max}/(4M_{max} + M_A + 7M_B + M_C) \\ C_b &= 1.17 \\ C_0 &= 1.0 \\ C_{st} &= C_0 + 1.5\alpha^{1.6}(\beta\gamma^{1.2}-1) \\ C_{st} &= 1.79 \end{aligned}$$

Moment Resistance Based on Smaller Section

$$F_{ocr} = 28.7 \text{ ksi}$$

Calculate Moment Resistance of Larger Section

$$\begin{aligned} F_{st} &= C_{bst}C_{st}M_{ocr} \\ F_{st} &= 36.0 \text{ ksi} \end{aligned}$$

RESISTANCE Based on article "Lateral-Torsional Buckling of Stepped Beams with Continuous Bracing"

Summary of Section Properties

Section 1 Compression Flange Properties (Larger Section)

$$b_{f_{Bottom1}} = 11.95 \text{ in}$$

$$t_{f_{Bottom1}} = 1.63 \text{ in}$$

Section 0 Compression Flange Properties (Smaller Section)

$$b_{f_{Bottom0}} = 11.95 \text{ in.}$$

$$t_{f_{Bottom0}} = 0.79 \text{ in.}$$

$$t_{w0} = 0.60 \text{ in.}$$

$$\text{Height, } h = 34.76 \text{ in.} \quad (\text{Centroid of flange to centroid of flange})$$

$$\text{Unbraced Length, } L_b = 20.00 \text{ ft}$$

$$= 240 \text{ in.}$$

$$\text{Length of Cover Plate, } L_2 = 11.00 \text{ ft}$$

$$= 132 \text{ in.}$$

Summary of Moments

$$M_0 = 2343 \text{ k-ft} \quad (M_{max})$$

$$M_1 = 447 \text{ k-ft} \quad (M_{braced})$$

$$M_{CL} = -1174 \text{ k-ft} \quad (-M_B)$$

Calculate Factors

$$\alpha = L_2/L_b$$

$$\alpha = 0.550$$

$$\beta = b_{f_{Bottom1}}/b_{f_{Bottom0}}$$

$$\beta = 1.000$$

$$\gamma = t_{f_{Bottom1}}/t_{f_{Bottom0}}$$

$$\gamma = 2.054$$

Calculate Modifiers

$$C_b = 3.0 - 2/3 * (M_1/M_0) + 8/3 * M_{CL} / (M_0 + M_1)$$

$$C_b = 1.75$$

$$C_0 = 0.9 \quad \text{If both moments at brace locations are negative, then 0.9.}$$

$$\quad \text{If one moment is negative and the other positive, then 1.25.}$$

$$C_{st} = C_0 + 1.5\alpha^{1.6}(\beta\gamma^{1.2}-1)$$

$$C_{st} = 1.69$$

$$F = L_b/(40h) + 0.5, \text{ if } 15 < L_b/h < 40 \quad L_b/h = 6.91$$

$$F = \text{N/A}$$

Moment Resistance Based on Smaller Section

$$F_{ocr} = 28.7 \text{ ksi}$$

Calculate Moment Resistance of Larger Section

$$F_{st} = F C_b C_{st} F_{ocr}$$

$$F_{st} = \text{N/A} \text{ ksi}$$

Rating Summary

Pier 2

Capacity

$$C = \Phi \Phi_c \Phi_s R_n$$

$\Phi = 1.00$	per LRFD	LRFD 6.5.4.2, Factor for Loading (flexure or shear)
$\Phi_c = 1.00$	per NBI Condition	MBE 6A.4.2.3 Factor for Condition
$\Phi_s = 1.00$	for Redundant System	MBE 6A.4.2.4 Factor for System

Moment Capacity

AASHTO	Stallings w/o Bracing	Stallings w/ Bracing
$F_n = 28.7$	$F_n = 36.0$	$F_n = N/A$
$C_M = \Phi \Phi_c \Phi_s F_n$	$C_M = \Phi \Phi_c \Phi_s F_n$	$C_M = \Phi \Phi_c \Phi_s F_n$
$C_M = 28.7$	$C_M = 36.0$	$C_M = N/A$

Ratings

$$RF = [(\Phi \Phi_c \Phi_s R_n) - \text{Total DC1 Stress} - \text{Total DC2 Stress}] / [\text{Total LL Stress}] \quad \text{General Equation}$$

Total DC1 Moment =	598	k-ft	Total DC1 Stress =	9.37	ksi
Total DC2 Moment =	293	k-ft	Total DC2 Stress =	4.60	ksi
Total LL Moment =	1453	k-ft	Total LL Stress =	22.78	ksi

AASHTO	Stallings w/o Bracing	Stallings w/ Bracing *
$INV_{RF} = 0.648$	$INV_{RF} = 0.97$	$INV_{RF} = N/A$
$OPR_{RF} = 0.84$	$OPR_{RF} = 1.25$	$OPR_{RF} = N/A$

* Stalling's w/ bracing is N/A for the Snakeroot Road Bridge over I-95 due to the ratio of L_b/h calculated on page 8 of Refined Analysis. The Snakeroot Road Bridge over I-95 ratio is outside of the completed research range and therefore Stalling's w/ Bracing cannot be used as a method of evaluation.

State Legal Load Ratings

	Unfactored Moment	Factored Stress (ksi)	Rating Factor
SLL 1	880	17.95	1.23
SLL 2	793	16.17	1.36
SLL 3	865	17.64	1.25
SLL 4	856	17.46	1.26
SLL 5	852	17.37	1.27
SLL 6	815	16.62	1.33
SLL 7	632	12.89	1.71
SLL 8	390	7.95	2.77

Refined Analysis for Negative Moment Lateral Torsional Buckling**Background**

The Third Edition of the AASHTO LRFD Bridge Design Specifications contains a revised Article 6.10.8.2.3 to address nonprismatic beams. The following paragraph was added:

"For unbraced lengths in which the member is nonprismatic, the lateral torsional buckling resistance of the compression flange F_{nc} at each section within the unbraced length may be taken as the smallest resistance within the unbraced length under consideration determined from Eq. 6.10.8.2.3-1, 6.10.8.2.3-2, or 6.10.8.2.3-3, as applicable, assuming the unbraced length is prismatic. The moment gradient modifier, C_b , shall be taken equal to 1.0 in this case and L_b shall not be modified by an effective length factor."

This provision can cause problems during load rating of existing structures because of the common practice of increasing the flange sizes near interior supports by either adding cover plates on rolled shapes or by changing the flange dimensions on welded plate girders. Unless the transition to the smaller section is at a distance of less than or equal to 20% of the unbraced length from the brace point subjected to the smaller moment, in which case the transition can be ignored and treated as a prismatic beam of the larger section, the above provision governs. Often the requirement of taking C_b as 1.0 results in a significant decrease in section capacity and a load rating of less than 1.0.

A load rating below 1.0 can have significant consequences including exclusion of permit vehicles, load posting, and/or strengthening of the structure. In order to develop a reasonable estimate of bridge capacity, refined approaches to the lateral torsional buckling resistance of nonprismatic beams were evaluated.

Available Refined Methods

The commentary for Article 6.10.8.2.3 suggests a procedure for providing a refined estimate of the lateral torsional buckling resistance can be found in Grubb and Schmidt (2004). The Grubb and Schmidt procedure produced results that were inconsistent with expectations for some situations. Given the consequences of a low rating and that existing structures were not designed for modern design codes, HNTB elected to evaluate refined estimates of lateral torsional buckling resistance that are available from research or design codes of other organizations that are generally accepted in the engineering community in addition to the Grubb and Schmidt procedure referenced in the commentary.

Two articles published in the ASCE Journal of Structural Engineering by Park and Stallings (2003, 2005) were found involving the lateral torsional buckling resistance of stepped beams. Park and Stallings (2003) related the lateral torsional buckling resistance of a stepped beam subjected to generalized top flange loading to the lateral torsional buckling capacity of a prismatic beam subjected to uniform moment applied at the shear center. The lateral torsional buckling resistance of a prismatic beam having the smallest section in the unbraced length is determined, F_{nc} , and multiplied by two factors, C_b and C_{st} . The C_b factor accounts for the effects of variation in the moment over the unbraced length using a four moment equation similar to the AISC Specifications (2005); however, the equation was modified to include the effects of top flange loading. The C_{st} factor accounts for the size and location of the step in the cross section. The Park and Stallings (2005) approach includes an additional factor F to account for the ratio of the unbraced length to height of the section. However, the validation of the F factor generally falls outside of the range of unbraced length to section height ratios for the bridge under consideration. In that case a load rating is not developed according to the 2005 methodology.

Summary and Conclusions

Based on review of available literature for refined methods of estimating the lateral torsional buckling resistance of stepped beams, HNTB exercises its engineering judgment to use the methodology provided by Park and Stallings (2003) to determine the load rating for stepped beams when not using the methodology would result in an inventory rating less than 1.0. The rating is developed in the following sheets and is presented at the end alongside the rating that results from following the AASHTO LRFD Bridge Design Specification guidance in Article 6.10.8.2.3.

References

AISC, 2005. Steel Construction Manual, 13th Edition. American Institute of Steel Construction, Chicago, Illinois.

Grubb, M.A. and R.E. Schmidt, 2004. Three-Span Continuous Straight Composite I-Girder, Load and Resistance Factor Design, Third Edition - Customary U.S. Units. Available from the National Steel Bridge Alliance, Chicago, IL. pp. C1-C5.

Park, J.S. and J.M. Stallings, 2003. "Lateral-Torsional Buckling of Stepped Beams," Journal of Structural Engineering, ASCE, Vol. 129, No. 11 pp. 1457-1465.

Park, J.S. and J.M. Stallings, 2005. "Lateral-Torsional Buckling of Stepped Beams with Continuous Bracing," Journal of Bridge Engineering, ASCE, Vol. 10, No. 1 pp. 87-95.

Section Properties

Pier 6, Small Section of Unbraced Length

Section Location: **INTERIOR GIRDER 3 (36WF135)**

Non-Composite Section Properties (Steel Beam only)

Component	w	h	A _s	y	A _s y	d	d ²	A _s (d ²)	I _o	I _o + A _s (d ²)
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Plate 1 Top	0.00	0.00	0.0	35.55	0.0	17.78	316	0	0	0
Plate 2 Top	11.95	0.79	9.5	35.15	333.4	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	17.78	361.0	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	0.40	3.8	-17.38	302	2864	0	2865
Plate 1 Bottom	0.00	0.00	0.0	0.00	0.0	-17.78	316	0	0	0
Summations: Σ			$\Sigma A_s =$	39.3	$\Sigma A_s(y) =$	698			$I_x =$	7682

$$Y_{Bar} = 17.78 \text{ in. } Y_{Bar} = \Sigma A_s(y) / \Sigma A_s$$

"y" taken from bottom of beam

Beam Depth:	D _{Beam} =	35.55	in.	D _{Beam} = Σh	d =	y - Y _{Bar}	I _o = (1/12) w h ³
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Non-Composite Steel Beam Summary

Beam Web Thickness:	t _w =	0.60	in.	t _w based on "Web" above.				
Beam Web Depth:	D _w =	33.96	in.	D _w based on "Web" above.				
Beam Flange Width:	bf _{Top} =	11.95	in.	bf _{Top} based on "Plate Top" above.				
Beam Flange Width:	bf _{Bottom} =	11.95	in.	bf _{Bottom} based on "Plate Bottom" above.				
Beam Top Flange Thick:	tf _{Top} =	0.79	in.	tf _{Top} based on "Plate Top" above.				
Beam Bot Flange Thick:	tf _{Bottom} =	0.79	in.	tf _{Bottom} based on "Plate Bottom" above.				
	Y _{Top} =	17.78	in.	Y _{Top} = D _{Beam} - Y _{Bottom}	S _{Top} =	432	in. ³	Section modulus to top of steel
	Y _{Bottom} =	17.78	in.	Y _{Bottom} = Y _{Bar}	S _{Bottom} =	432	in. ³	Section modulus to bottom of steel

Composite Steel Beam Summary

Top Reinforcing

Top clear cover	clear =	1.5	in.
Transverse bar diameter		0.625	in.
Distance from top of deck to top reinforcing, c _{rt}	c _{rt} =	2.438	in.
Number of bars (Total bars in Negative Moment Region)	N _{top} =	0	(Non-composite)
Bar diameter	b _d =	0.625	in.
Bar Area	b _{area} =	0.31	in.
Area of Negative Reinforcement, top	A _{r-top-neg} =	0.00	in. ²

Bottom Reinforcing

Bottom clear cover	clear =	1	in.
Distance from top of deck to bottom reinforcing, c _{rb}	c _{rb} =	-1.144	in.
Number of bars (Total bars in Negative Moment Region)	N _{bot} =	0	(Non-composite)
Bar diameter	b _d =	0.625	in.
Bar Area	b _{area} =	0.31	in.
Area of Negative Reinforcement, top	A _{r-bot-neg} =	0.00	in. ²

Component	w	h	A _s	y	A _s y	d	d ²	A _s (d ²)	I _o	I _o + A _s (d ²)
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Deck Top Reinforcing	-	-	0.0	33.91	0.0	16.13	260	0	0.00	0
Deck Bottom Reinforcing	-	-	0.0	37.49	0.0	19.71	389	0	0.00	0
Plate 1 Top	0.00	0.00	0.0	35.55	0.0	17.78	316	0	0	0
Plate 2 Top	11.95	0.79	9.5	35.15	333.4	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	17.78	361.0	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	0.40	3.8	-17.38	302	2864	0	2865
Plate 1 Bottom	0.00	0.00	0.0	0.00	0.0	-17.78	316	0	0	0
Summations: Σ			$\Sigma A_s =$	39.3	$\Sigma A_s(y) =$	698			$I_x =$	7,682

$$Y_{Bar} = 17.78 \text{ in. } Y_{Bar} = \Sigma A_s(y) / \Sigma A_s$$

"y" taken from bottom of beam

Y _{Top} =	17.78	in.	Y _{Top} = D _{Beam} - Y _{Bottom}	S _{Top} =	432	in. ³	Section modulus to top of steel
Y _{Bottom} =	17.78	in.	Y _{Bottom} = Y _{Bar}	S _{Bottom} =	432	in. ³	Section modulus to bottom of steel

Section Properties

Pier 6, Large Section of Unbraced Length

Section Location: **INTERIOR GIRDER 3 (36WF135, w/ Cover Plate)**

Non-Composite Section Properties (Steel Beam only)

Component	w	h	A _s	y	A _s y	d	d ²	A _s (d ²)	I _o	I _o + A _s (d ²)
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Plate 1 Top	10.00	0.88	8.8	36.86	322.5	18.21	332	2902	1	2903
Plate 2 Top	11.95	0.79	9.5	36.03	341.7	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	18.65	378.8	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	1.27	12.1	-17.38	302	2864	0	2865
Plate 1 Bottom	10.00	0.88	8.8	0.44	3.8	-18.21	332	2902	1	2903
Summations: Σ		ΣA _s =	56.8	ΣA _s (y) =	1059				I _x =	13487

Beam Depth: $D_{Beam} =$ 37.30 in. $D_{Beam} = \Sigma h$ $d = y - Y_{Bar}$ $I_o = (1/12) w h^3$

Non-Composite Steel Beam Summary

Beam Web Thickness:	$t_w =$	0.60 in.	t_w based on "Web" above.
Beam Web Depth:	$D_w =$	33.96 in.	D_w based on "Web" above.
Beam Flange Width:	$bf_{Top} =$	11.95 in.	bf_{Top} based on "Plate Top" above.
Beam Flange Width:	$bf_{Bottom} =$	11.95 in.	bf_{Bottom} based on "Plate Bottom" above.
Beam Top Flange Thick:	$tf_{Top} =$	1.67 in.	tf_{Top} based on "Plate Top" above.
Beam Bot Flange Thick:	$tf_{Bottom} =$	1.67 in.	tf_{Bottom} based on "Plate Bottom" above.
$Y_{Top} =$	18.65 in.	$Y_{Top} = D_{Beam} - Y_{Bottom}$	$S_{Top} =$ 723 in. ³ Section modulus to top of steel
$Y_{Bottom} =$	18.65 in.	$Y_{Bottom} = Y_{Bar}$	$S_{Bottom} =$ 723 in. ³ Section modulus to bottom of steel

Composite Steel Beam Summary

Top Reinforcing

Top clear cover	clear =	1.5 in.
Transverse bar diameter		0.625 in.
Distance from top of deck to top reinforcing, c_{rt}	$c_{rt} =$	2.438 in.
Number of bars (Total bars in Negative Moment Region)	$N_{top} =$	0 (Non-composite)
Bar diameter	$b_d =$	0.625 in.
Bar Area	$b_{area} =$	0.31 in.
Area of Negative Reinforcement, top	$A_{r-top-neg} =$	0.00 in. ²

Bottom Reinforcing

Bottom clear cover	clear =	1 in.
Distance from top of deck to bottom reinforcing, c_{rb}	$c_{rb} =$	-1.144 in.
Number of bars (Total bars in Negative Moment Region)	$N_{bot} =$	0 (Non-composite)
Bar diameter	$b_d =$	0.625 in.
Bar Area	$b_{area} =$	0.31 in.
Area of Negative Reinforcement, top	$A_{r-bot-neg} =$	0.00 in. ²

Component	w	h	A _s	y	A _s y	d	d ²	A _s (d ²)	I _o	I _o + A _s (d ²)
	(in.)	(in.)	(in. ²)	(in.)	(in. ³)	(in.)	(in. ²)	(in. ⁴)	(in. ⁴)	(in. ⁴)
Deck Top Reinforcing	-	-	0.0	35.66	0.0	17.01	289	0	0.00	0
Deck Bottom Reinforcing	-	-	0.0	39.24	0.0	20.59	424	0	0.00	0
Plate 1 Top	10.00	0.88	8.8	36.86	322.5	18.21	332	2902	1	2903
Plate 2 Top	11.95	0.79	9.5	36.03	341.7	17.38	302	2864	0	2865
Web	0.60	33.96	20.3	18.65	378.8	0.00	0	0	1952	1952
Plate 2 Bottom	11.95	0.79	9.5	1.27	12.1	-17.38	302	2864	0	2865
Plate 1 Bottom	10.00	0.88	8.8	0.44	3.8	-18.21	332	2902	1	2903
Summations: Σ		ΣA _s =	56.8	ΣA _s (y) =	1059				I _x =	13,487

$Y_{Top} =$ 18.65 in. $Y_{Top} = D_{Beam} - Y_{Bottom}$ $S_{Top} =$ 723 in.³ Section modulus to top of steel
 $Y_{Bottom} =$ 18.65 in. $Y_{Bottom} = Y_{Bar}$ $S_{Bottom} =$ 723 in.³ Section modulus to bottom of steel

Unbraced Length, L_b =	240	in.	
L_b =	20.00	ft.	
Length of cover plate/Splice, L_2 =	120	in.	(Assume 1 transition from smallest to largest)
L_2 =	10.00	ft.	
L_2/L_b =	0.50	< 0.80 thus section will be evaluated as non prismatic per AASHTO 6.10.8.2.3.	
F_y =	36.0	ksi	
F_{y_rebar} =	36.0	ksi	
t_c =	0.79	in.	

Pier 6

Moments taken from BDGS model output for exterior girder from pages 515-516 of BDGS output.

Note: Moments causing compression in the bottom flange is reported at a positive value; moments causing tension in the bottom flange is reported as a negative value.

Span Fraction	Unfactored Moments (k-ft)				
	M _{max}	M _A	M _B	M _C	M _{braced}
	7.000	6.950	6.875	6.800	6.750
DC1	453	332	175	47	-23
DC2	140	103	54	15	-7
DW	69	50	27	7	-3
LL	763	612	420	275	230

M_{\max} = Maximum moment at pier
 M_A = Moment at 1/4 of braced length
 M_B = Moment at 1/2 of braced length
 M_C = Moment at 3/4 of braced length
 M_{braced} = Moment at braced location

	Factored Moments (k-ft)				
	M _{max}	M _A	M _B	M _C	M _{braced}
DC1	566	415	219	59	-29
DC2	175	129	68	19	-9
DW	104	75	41	11	-5
LL	1335	1071	735	481	403
Total DL	845	619	327	88	-42
Total LL	1335	1071	735	481	403
Total	2180	1690	1062	569	361

RESISTANCE

Pier 6 (Negative Flexure, Small Section in Unbraced Length)

ai) Compression flange local buckling, $\lambda_f < \lambda_{pf}$ LRFD A6.3.2

where $\lambda_f = b_{f-bot} / (2 * t_{f-bot})$ $b_{f-bot} = 11.95$ in.
 $\lambda_f = 7.52$ $t_{f-bot} = 0.79$ in.
 $\lambda_{pf} = 0.38 \text{ SQRT}(E/F_{yc})$
 $\lambda_{pf} = 10.79$
 $\lambda_{rf} = 0.95 \text{ SQRT}(E * k_c / F_{yr})$ $F_{yr} = 25.20$ ksi
 $\lambda_{rf} = 28.10$ $k_c = 0.76$ rolled shape

ii) Determine Web Load-Shedding Factor and Hybrid Factor

Compute R_b

$a_{wc} = 2D_c * t_w / A_{fn}$ $D_c = 17.0$ in. LRFD 6.10.1.10.2
 $a_{wc} = 2.141$ $A_{fn} = \text{Area of bottom flange}$ See LRFD D6.3.1
 $A_{fn} = 9.5$ in.²
 $t_w = 0.60$ in.
 $R_b = 1 - (a_{wc} / (1200 + 300a_{wc})) * (2 * D_c / t_w - \lambda_{rw}) < 1.0$ LRFD 6.10.1.10.2-3
 $\lambda_{rw} = 162$ LRFD 6.10.1.10.2-4
 $R_b = 1.00$

Compute R_h

$\beta = 2 * D_n * t_w / A_{fn}$ $D_n = 17.0$ in. LRFD 6.10.1.10.1
 $\beta = 2.14$ LRFD 6.10.1.10.1-2
 $R_h = (12 + \beta(3\rho - \rho^3)) / (12 + 2\beta)$ $\rho = 1.0$ LRFD 6.10.1.10.1-1
 $R_h = 1.00$

b. Check Lateral Torsional Buckling R LRFD A6.3.3

i) Unbraced length LTB, $L_b < L_p$

Compute Limiting Unbraced Length to Achieve Nominal Flexural Resistance

$r_t = b_{fc} / [12 * (1 + (D_c t_w) / (3b_{fc} t_{fc}))]^{0.5}$ $b_{fc} = 11.9$ in.
 $r_t = 3.0$ in. $D_c = 16.98$ in.
 $t_w = 0.60$ in.
 $t_{fc} = 0.79$ in.
 $L_p = 1.0 * r_t * \text{SQRT}(E/F_{yc})$
 $L_p = 84$ in. $L_b = 240$ in.

$F_{nc_LTB} = R_b R_h * F_{yc}$
 $F_{nc_LTB} = \text{N/A}$ ksi.

ii) Unbraced length LTB, $L_p < L_b < L_r$

Compute Limiting Unbraced Length to Achieve Nominal Onset of Yielding in Flanges

$$\frac{L_r}{L_p} \leq \left(1 - \frac{1}{315} \left(\frac{R_b R_h F_{yc}}{R_h F_{yc}} \right) \left(\frac{L_b - L_p}{L_r - L_p} \right) \right) R_b R_h F_{yc} \leq R_b R_h F_{yc}$$

Compute Nominal Moment Resistance

$M_{nc_LTB} =$

$F_{yr} = 25.2$ ksi
 $R_b = 1.0$
 $R_h = 1.0$
 $F_y = 36$ ksi
 $L_b = 240$ in.
 $L_p = 84$ in.
 $L_r = 315$ in.

Compute Moment Gradient Modifier

$$C_b = 1.75 - 1.05(F_1/F_2) + 0.3(F_1/F_2)^2 < 2.3$$

Factored Moments at Brace Points

	F_1	F_2	
DC1 =	-0.80	9.40	ksi
DC2 =	-0.24	2.90	ksi
WS =	-0.12	1.72	ksi
Lane+Truck =	11.18	22.16	ksi
Total	10.01	36.17	ksi

$$C_b = 1.00 \quad \text{per AASHTO 6.10.8.2.3.} \quad \frac{C_b R_b \pi^2 E}{(L_b / r_t)^2}$$

$$F_{nc_LTB} = 28.7 \quad \text{ksi}$$

iii) Unbraced length LTB, $L_b > L_r$

$$F_{nc_LTB} = F_{cr} < R_h R_b F_{yc}$$

$$F_{cr} =$$

LRFD 6.10.8.2.3-3

$$F_{nc_LTB} = \text{N/A} \quad \text{ksi}$$

$$F_{cr} = 44 \quad \text{ksi}$$

LRFD 6.10.8.2.3-8

iv) Result of section

$$F_{nc_LTB} = \text{LRFD eq. 6.10.8.2.3-2}$$

$$F_{nc_LTB} = 28.7 \quad \text{ksi}$$

RESISTANCE Based on article "Lateral-Torsional Buckling of Stepped Beams"

Summary of Section Properties

Section 1 Compression Flange Properties (Larger Section)

$$\begin{aligned} b_{f_{Bottom1}} &= 11.95 \text{ in} \\ t_{f_{Bottom1}} &= 1.53 \text{ in} \end{aligned}$$

Section 0 Compression Flange Properties (Smaller Section)

$$\begin{aligned} b_{f_{Bottom0}} &= 11.95 \text{ in.} \\ t_{f_{Bottom0}} &= 0.79 \text{ in.} \\ t_{w0} &= 0.60 \text{ in.} \\ \text{Height, } h &= 34.76 \text{ in.} \quad (\text{Centroid of flange to centroid of flange}) \end{aligned}$$

$$\begin{aligned} \text{Unbraced Length, } L_b &= 20.00 \text{ ft} \\ &= 240 \text{ in.} \\ \text{Length of Cover Plate, } L_2 &= 10.00 \text{ ft} \\ &= 120 \text{ in.} \end{aligned}$$

Summary of Moments

$$\begin{aligned} M_{max} &= 2180 \text{ k-ft.} \\ M_A &= 1690 \text{ k-ft.} \\ M_B &= 1062 \text{ k-ft.} \\ M_C &= 569 \text{ k-ft.} \end{aligned}$$

Calculate Factors

$$\begin{aligned} \alpha &= L_2/L_b \\ \alpha &= 0.500 \\ \beta &= b_{f_{Bottom1}}/b_{f_{Bottom0}} \\ \beta &= 1.000 \\ \gamma &= t_{f_{Bottom1}}/t_{f_{Bottom0}} \\ \gamma &= 1.923 \end{aligned}$$

Calculate Modifiers

$$\begin{aligned} C_b &= 10M_{max}/(4M_{max} + M_A + 7M_B + M_C) \\ C_b &= 1.18 \\ C_0 &= 1.0 \\ C_{st} &= C_0 + 1.5\alpha^{1.6}(\beta\gamma^{1.2}-1) \\ C_{st} &= 1.59 \end{aligned}$$

Moment Resistance Based on Smaller Section

$$F_{ocr} = 28.7 \text{ ksi}$$

Calculate Moment Resistance of Larger Section

$$\begin{aligned} F_{st} &= C_{bst}C_{st}M_{ocr} \\ F_{st} &= 36.0 \text{ ksi} \end{aligned}$$

RESISTANCE Based on article "Lateral-Torsional Buckling of Stepped Beams with Continuous Bracing"

Summary of Section Properties

Section 1 Compression Flange Properties (Larger Section)

$$b_{f_{Bottom1}} = 11.95 \text{ in}$$

$$t_{f_{Bottom1}} = 1.53 \text{ in}$$

Section 0 Compression Flange Properties (Smaller Section)

$$b_{f_{Bottom0}} = 11.95 \text{ in.}$$

$$t_{f_{Bottom0}} = 0.79 \text{ in.}$$

$$t_{w0} = 0.60 \text{ in.}$$

$$\text{Height, } h = 34.76 \text{ in.} \quad (\text{Centroid of flange to centroid of flange})$$

$$\text{Unbraced Length, } L_b = 20.00 \text{ ft}$$

$$= 240 \text{ in.}$$

$$\text{Length of Cover Plate, } L_2 = 10.00 \text{ ft}$$

$$= 120 \text{ in.}$$

Summary of Moments

$$M_0 = 2180 \text{ k-ft} \quad (M_{max})$$

$$M_1 = 361 \text{ k-ft} \quad (M_{braced})$$

$$M_{CL} = -1062 \text{ k-ft} \quad (-M_B)$$

Calculate Factors

$$\alpha = L_2/L_b$$

$$\alpha = 0.500$$

$$\beta = b_{f_{Bottom1}}/b_{f_{Bottom0}}$$

$$\beta = 1.000$$

$$\gamma = t_{f_{Bottom1}}/t_{f_{Bottom0}}$$

$$\gamma = 1.923$$

Calculate Modifiers

$$C_b = 3.0 - 2/3 * (M_1/M_0) + 8/3 * M_{CL} / (M_0 + M_1)$$

$$C_b = 1.78$$

$$C_0 = 0.9 \quad \text{If both moments at brace locations are negative, then 0.9.}$$

$$\quad \text{If one moment is negative and the other positive, then 1.25.}$$

$$C_{st} = C_0 + 1.5\alpha^{1.6}(\beta\gamma^{1.2}-1)$$

$$C_{st} = 1.49$$

$$F = L_b/(40h) + 0.5, \text{ if } 15 < L_b/h < 40 \quad L_b/h = 6.91$$

$$F = \text{N/A}$$

Moment Resistance Based on Smaller Section

$$F_{ocr} = 28.7 \text{ ksi}$$

Calculate Moment Resistance of Larger Section

$$F_{st} = F C_b C_{st} F_{ocr}$$

$$F_{st} = \text{N/A} \text{ ksi}$$

Rating Summary

Pier 6

Capacity

$$C = \Phi \Phi_c \Phi_s R_n$$

$\Phi = 1.00$	per LRFD	LRFD 6.5.4.2, Factor for Loading (flexure or shear)
$\Phi_c = 1.00$	per NBI Condition	MBE 6A.4.2.3 Factor for Condition
$\Phi_s = 1.00$	for Redundant System	MBE 6A.4.2.4 Factor for System

Moment Capacity

AASHTO	Stallings w/o Bracing	Stallings w/ Bracing
$F_n = 28.7$	$F_n = 36.0$	$F_n = \text{N/A}$
$C_M = \Phi \Phi_c \Phi_s F_n$	$C_M = \Phi \Phi_c \Phi_s F_n$	$C_M = \Phi \Phi_c \Phi_s F_n$
$C_M = 28.7$	$C_M = 36.0$	$C_M = \text{N/A}$

Ratings

$$RF = [(\Phi \Phi_c \Phi_s R_n) - \text{Total DC1 Stress} - \text{Total DC2 Stress}] / [\text{Total LL Stress}] \quad \text{General Equation}$$

Total DC1 Moment =	566	k-ft	Total DC1 Stress =	9.40	ksi
Total DC2 Moment =	279	k-ft	Total DC2 Stress =	4.62	ksi
Total LL Moment =	1335	k-ft	Total LL Stress =	22.16	ksi

AASHTO	Stallings w/o Bracing	Stallings w/ Bracing *
$INV_{RF} = 0.664$	$INV_{RF} = 0.99$	$INV_{RF} = \text{N/A}$
$OPR_{RF} = 0.86$	$OPR_{RF} = 1.29$	$OPR_{RF} = \text{N/A}$

* Stalling's w/ bracing is N/A for the Snakeroot Road Bridge over I-95 due to the ratio of L_b/h calculated on page 8 of Refined Analysis. The Snakeroot Road Bridge over I-95 ratio is outside of the completed research range and therefore Stalling's w/ Bracing cannot be used as a method of evaluation.

State Legal Load Ratings

	Unfactored Moment	Factored Stress (ksi)	Rating Factor
SLL 1	815	17.58	1.25
SLL 2	724	15.62	1.41
SLL 3	816	17.60	1.25
SLL 4	808	17.43	1.26
SLL 5	803	17.32	1.27
SLL 6	787	16.98	1.29
SLL 7	611	13.18	1.67
SLL 8	379	8.18	2.69

FATIGUE LIFE EVALUATION

Fatigue Life Evaluation

Description of Fatigue Details

The bridge girder details include a cover plate connected to the bottom flange of the girders by varying thickness fillet welds which terminate at the end of the cover plate. The cover plates are present at interior and exterior girder locations. This is a Category E (flange thickness ≤ 0.8 in.) detail in accordance with AASHTO LRFD, Table 6.6.1.2.3-1, Example 3.5.

Detail checked by this sheet: Cover Plates
Fatigue Detail Category: E
Fatigue Detail Location: Located terminal end of cover plate, Beam 1, Span 7, L=0.125

Infinite Fatigue Life Evaluation

LL Moment Range	$M_{TRK_max} = 44$ ft*kip	<i>Moment range calculated as $(M_{max} - M_{min})$ based on one lane of traffic. Unfactored Fatigue Truck impact.</i>
	$M_{TRK_min} = -148$ ft*kip	
Single Lane Dist. Factor	D.F. = 1.000	<i>D.F. = 1.0, Moments from Model include Distribution Factor</i>
Fatigue Impact	IM = 15%	<i>From LRFD Design Table 3.6.2.1-1.</i>
Moment of inertia	$I_x = 7682$ in ⁴	<i>From Load Rating Calculations</i>
dist. NA to extreme fiber	Y-bar = 17.78 in	<i>From Load Rating Calculations</i>
extreme fiber to detail	$Y_{adj} = 0$ in	<i>negative if it decrease Y-bar</i>
Section Modulus	$S_{xx} = 432.2$ in ³	<i>From Load Rating Calculations.</i>
Span Length	L = 64 ft	<i>From MBE 7.2.2.1 (30 ft < L < 220 ft)</i>
		<i>From SI&A Sheet. Average number of trucks per day for all directions including of truck traffic including all lanes on bridge.</i>
Present Average Trucks per Day	$[ADTT]_{present} = 10$ vpd	
Number of Striped Lanes	$n_L = 2$	
Fatigue I Load Factor	$Y_{Fat} = 1.50$	<i>From LRFD Design Table 3.4.1-1.</i>
Multiple Presence Factor	$R_p = 0.988 + (6.87 \times 10^{-5} \times L) + (4.01 \times 10^{-6} \times [ADTT]_{present}) + (0.0107/n_L) \geq 1.0$	
	$R_p = 1.000$	
Maximum Stress Range	$(\Delta f)_{max} = Y_{Fat} \times [R_p \times ((1+IM) \times M_{TRK} \times 12 \times D.F.) / (S_{xx})]$	<i>From MBE 7.2.4</i>
	$(\Delta f)_{max} = 9.20$ ksi	
Constant Amplitude Fatigue Threshold Stress	$(\Delta F)_{TH} = 4.5$ ksi	<i>From LRFD Design Table 6.6.1.2.5-3, Category E</i>
Check	$(\Delta f)_{max} = > (\Delta F)_{TH}$	
	Therefore, detail doesn't have an infinite fatigue life. Check finite fatigue life.	

Finite Fatigue Life Evaluation

Calculate finite fatigue life based on all three levels in the AASHTO MBE (minimum expected fatigue life, evaluation fatigue life & mean fatigue life). Unless otherwise noted, the evaluation fatigue life will be selected for reporting.

Determine ADTT for Calculation of Fatigue Life

Year Bridge Constructed	1964	<i>From SI&A Sheet</i>
Present Year	2015	
Present Bridge Age	51 years	<i>Based on Year of ADT</i>
Average Daily Traffic	ADT 192 vpd	<i>From SI&A Sheet</i>
Percent Truck Traffic	5%	<i>From SI&A Sheet</i>
One Direction Percentage	55%	<i>LRFD C3.6.1.4.2</i>
Lane Fraction	$p = 1.00$	<i>LRFD Table 3.6.1.4.2-1</i>
Present year total ADTT	10	<i>(ADT * % Trucks)</i>
Present year one direction ADTT _{SL}	6 vpd	<i>(ADT * % Trucks * p * One Direction %)</i>

Calculate ADTT_{SL} averaged over the fatigue life of the structure

(ADTT) _{SL}	6 vpd	
Est. annual traffic growth rate, g	4%	<i>Conservative estimated value of volume growth</i>

Continued

Calculate Effective Stress Range for Fatigue Detail

Detail Category Constant	A =	11.0	x10 ⁸ ksi ³	From LRFD Design Table 6.6.1.2.5-1
[(ADTT) _{SL}] _{present}		6	vpd	
No. cycles per truck passage	n =	1.0		From LRFD Design Table 6.6.1.2.5-2
Fatigue II Load Factor	Y _{Fat} =	0.75		From MBE C.7.2.2 or LRFD Design Table 3.4.1-1.
Stress range partial load factor	R _S =	1.0		From MBE Table 7.2.2.1-1
Res. Factor (Minimum)	R _{R(Min)} =	1.0		From MBE Table 7.2.5.1-1
Res. Factor (Evaluation I)	R _{R(Eval)} =	1.20		From MBE Table 7.2.5.1-1
Res. Factor (Evaluation II)	R _{R(Eval)} =	1.40		From MBE Table 7.2.5.1-1
Res. Factor (Mean)	R _{R(Mean)} =	1.60		From MBE Table 7.2.5.1-1
Effective Stress Range	$\Delta f_{eff} = (Y_{Fat} * (1+IM) * M_{TRK} * D.F.) / (S_{xx}) * R_S * R_p$			From MBE Eqn 7.2.2-1
	$\Delta f_{eff} =$	4.60	ksi	

Calculate Remaining Fatigue Life

$$Y = \log[(R_r * A) / (365 * n * (ADTT) * S_{xx} * \Delta f_{eff})^3 * g(1+g)a - 1 + 1] / \log(1+g) \quad \text{From MBE Eqn. 7.2.5.1-1}$$

Total Finite Fatigue Life (Minimum), Y =	186	years	Remaining Fatigue Life, Y-a =	135	years
Total Finite Fatigue Life (Evaluation I), Y =	191	years	Remaining Fatigue Life, Y-a =	140	years
Total Finite Fatigue Life (Evaluation II), Y =	195	years	Remaining Fatigue Life, Y-a =	144	years
Total Finite Fatigue Life (Mean), Y =	198	years	Remaining Fatigue Life, Y-a =	147	years

Serviceability Index

Calculated Evaluation I Fatigue Life	Y =	191	
Present Age of Detail	a =	51	
Greater of Y or 100 Years	N =	191	
Load Path Factor	G =	1.0	From MBE Table 7.2.6.1-1. 4 or more members.
Redundancy Factor	R =	1.0	From MBE Table 7.2.6.1-2. Continuous span.
Importance Factor	I =	1.0	From MBE Table 7.2.6.1-3. Rural roads with low ADTT
Fatigue Serviceability Index	Q = ((Y-a)/N)*G*R*I		
	Q =	0.73	

Conclusion

The remaining fatigue life (140 years Evaluation I) is greater than the expected life cycle of the bridge (100 years).

Fatigue Life Evaluation

Description of Fatigue Details

The bridge girder details include a cover plate connected to the bottom flange of the girders by varying thickness fillet welds which terminate at the end of the cover plate. The cover plates are present at interior and exterior girder locations. This is a Category E (flange thickness ≤ 0.8 in.) detail in accordance with AASHTO LRFD, Table 6.6.1.2.3-1, Example 3.5.

Detail checked by this sheet: Cover Plates
Fatigue Detail Category: E
Fatigue Detail Location: Located terminal end of cover plate, Beam 2, Span 1, L=0.893

Infinite Fatigue Life Evaluation

LL Moment Range	$M_{TRK_max} = 48 \text{ ft*kip}$ $M_{TRK_min} = -131 \text{ ft*kip}$	Moment range calculated as $(M_{max} - M_{min})$ based on one lane of traffic. Unfactored Fatigue Truck impact.
Single Lane Dist. Factor	D.F. = 1.000	D.F. = 1.0, Moments from Model include Distribution Factor
Fatigue Impact	IM = 15%	From LRFD Design Table 3.6.2.1-1.
Moment of inertia	$I_x = 7682 \text{ in}^4$	From Load Rating Calculations
dist. NA to extreme fiber	Y-bar = 17.78 in	From Load Rating Calculations
extreme fiber to detail	$Y_{adj} = 0 \text{ in}$	negative if it decrease Y-bar
Section Modulus	$S_{xx} = 432.2 \text{ in}^3$	From Load Rating Calculations.
Span Length	L = 56 ft	From MBE 7.2.2.1 (30 ft < L < 220 ft)
Present Average Trucks per Day	$[ADTT]_{present} = 10 \text{ vpd}$	From SI&A Sheet. Average number of trucks per day for all directions including of truck traffic including all lanes on bridge.
Number of Striped Lanes	$n_L = 2$	
Fatigue I Load Factor	$Y_{Fat} = 1.50$	From LRFD Design Table 3.4.1-1.
Multiple Presence Factor	$R_p = 0.988 + (6.87 \times 10^{-5} \times L) + (4.01 \times 10^{-6} \times [ADTT]_{present}) + (0.0107/n_L) \geq 1.0$ $R_p = 1.000$	
Maximum Stress Range	$(\Delta f)_{max} = Y_{Fat} \cdot [R_p \cdot [(1+IM) \cdot M_{TRK} \cdot 12 \cdot D.F.] / (S_{xx})]$ $(\Delta f)_{max} = 8.57 \text{ ksi}$	From MBE 7.2.4
Constant Amplitude Fatigue Threshold Stress	$(\Delta F)_{TH} = 4.5 \text{ ksi}$	From LRFD Design Table 6.6.1.2.5-3, Category E
Check	$(\Delta f)_{max} = > (\Delta F)_{TH}$ Therefore, detail doesn't have an infinite fatigue life. Check finite fatigue life.	

Finite Fatigue Life Evaluation

Calculate finite fatigue life based on all three levels in the AASHTO MBE (minimum expected fatigue life, evaluation fatigue life & mean fatigue life). Unless otherwise noted, the evaluation fatigue life will be selected for reporting.

Determine ADTT for Calculation of Fatigue Life

Year Bridge Constructed	1964	From SI&A Sheet
Present Year	2015	
Present Bridge Age	51 years	Based on Year of ADT
Average Daily Traffic	ADT 192 vpd	From SI&A Sheet
Percent Truck Traffic	5%	From SI&A Sheet
One Direction Percentage	55%	LRFD C3.6.1.4.2
Lane Fraction	$p = 1.00$	LRFD Table 3.6.1.4.2-1
Present year total ADTT	10	(ADT * % Trucks)
Present year one direction ADTT _{SL}	6 vpd	(ADT * % Trucks * p * One Direction %)

Calculate ADTT_{SL} averaged over the fatigue life of the structure

(ADTT) _{SL}	6 vpd	
Est. annual traffic growth rate, g	4%	Conservative estimated value of volume growth

Continued

Calculate Effective Stress Range for Fatigue Detail

Detail Category Constant	A =	11.0	x10 ⁸ ksi ³	From LRFD Design Table 6.6.1.2.5-1
[(ADTT) _{SL}] _{present}		6	vpd	
No. cycles per truck passage	n =	1.0		From LRFD Design Table 6.6.1.2.5-2
Fatigue II Load Factor	Y _{Fat} =	0.75		From MBE C.7.2.2 or LRFD Design Table 3.4.1-1.
Stress range partial load factor	R _S =	1.0		From MBE Table 7.2.2.1-1
Res. Factor (Minimum)	R _{R(Min)} =	1.0		From MBE Table 7.2.5.1-1
Res. Factor (Evaluation I)	R _{R(Eval)} =	1.20		From MBE Table 7.2.5.1-1
Res. Factor (Evaluation II)	R _{R(Eval)} =	1.40		From MBE Table 7.2.5.1-1
Res. Factor (Mean)	R _{R(Mean)} =	1.60		From MBE Table 7.2.5.1-1
Effective Stress Range	$\Delta f_{eff} = (Y_{Fat} * (1+IM) * M_{TRK} * D.F.) / (S_{xx}) * R_S * R_p$			From MBE Eqn 7.2.2-1
	$\Delta f_{eff} =$	4.29	ksi	

Calculate Remaining Fatigue Life

$$Y = \log[(R_r * A) / (365 * n * (ADTT) * S_{xx} * \Delta f_{eff})^3 * g(1+g)a - 1 + 1] / \log(1+g) \quad \text{From MBE Eqn. 7.2.5.1-1}$$

Total Finite Fatigue Life (Minimum), Y =	191	years	Remaining Fatigue Life, Y-a =	140	years
Total Finite Fatigue Life (Evaluation I), Y =	196	years	Remaining Fatigue Life, Y-a =	145	years
Total Finite Fatigue Life (Evaluation II), Y =	200	years	Remaining Fatigue Life, Y-a =	149	years
Total Finite Fatigue Life (Mean), Y =	203	years	Remaining Fatigue Life, Y-a =	152	years

Serviceability Index

Calculated Evaluation I Fatigue Life	Y =	196	
Present Age of Detail	a =	51	
Greater of Y or 100 Years	N =	196	
Load Path Factor	G =	1.0	From MBE Table 7.2.6.1-1. 4 or more members.
Redundancy Factor	R =	1.0	From MBE Table 7.2.6.1-2. Continuous span.
Importance Factor	I =	1.0	From MBE Table 7.2.6.1-3. Rural roads with low ADTT
Fatigue Serviceability Index	Q = ((Y-a)/N)*G*R*I		
	Q =	0.74	

Conclusion

The remaining fatigue life (145 years Evaluation I) is greater than the expected life cycle of the bridge (100 years).

Fatigue Life Evaluation

Description of Fatigue Details

The bridge girder details include a cover plate connected to the bottom flange of the girders by varying thickness fillet welds which terminate at the end of the cover plate. The cover plates are present at interior and exterior girder locations. This is a Category E (flange thickness ≤ 0.8 in.) detail in accordance with AASHTO LRFD, Table 6.6.1.2.3-1, Example 3.5.

Detail checked by this sheet: Cover Plates
Fatigue Detail Category: E
Fatigue Detail Location: Located terminal end of cover plate, Beam 3, Span 6, L=0.112

Infinite Fatigue Life Evaluation

LL Moment Range	$M_{TRK_max} = 63 \text{ ft*kip}$ $M_{TRK_min} = -101 \text{ ft*kip}$	Moment range calculated as $(M_{max} - M_{min})$ based on one lane of traffic. Unfactored Fatigue Truck impact.
Single Lane Dist. Factor	D.F. = 1.000	D.F. = 1.0, Moments from Model include Distribution Factor
Fatigue Impact	IM = 15%	From LRFD Design Table 3.6.2.1-1.
Moment of inertia	$I_x = 7682 \text{ in}^4$	From Load Rating Calculations
dist. NA to extreme fiber	Y-bar = 17.78 in	From Load Rating Calculations
extreme fiber to detail	$Y_{adj.} = 0 \text{ in}$	negative if it decrease Y-bar
Section Modulus	$S_{xx} = 432.2 \text{ in}^3$	From Load Rating Calculations.
Span Length	L = 80 ft	From MBE 7.2.2.1 (30 ft < L < 220 ft)
Present Average Trucks per Day	$[ADTT]_{present} = 10 \text{ vpd}$	From SI&A Sheet. Average number of trucks per day for all directions including of truck traffic including all lanes on bridge.
Number of Striped Lanes	$n_L = 2$	
Fatigue I Load Factor	$Y_{Fat} = 1.50$	From LRFD Design Table 3.4.1-1.
Multiple Presence Factor	$R_p = 0.988 + (6.87 \times 10^{-5} \times L) + (4.01 \times 10^{-6} \times [ADTT]_{present}) + (0.0107/n_L) \geq 1.0$ $R_p = 1.000$	
Maximum Stress Range	$(\Delta f)_{max} = Y_{Fat} \cdot [R_p \cdot [(1+IM) \cdot M_{TRK} \cdot 12 \cdot D.F.] / (S_{xx})]$ $(\Delta f)_{max} = 7.86 \text{ ksi}$	From MBE 7.2.4
Constant Amplitude Fatigue Threshold Stress	$(\Delta F)_{TH} = 4.5 \text{ ksi}$	From LRFD Design Table 6.6.1.2.5-3, Category E
Check	$(\Delta f)_{max} = > (\Delta F)_{TH}$ Therefore, detail doesn't have an infinite fatigue life. Check finite fatigue life.	

Finite Fatigue Life Evaluation

Calculate finite fatigue life based on all three levels in the AASHTO MBE (minimum expected fatigue life, evaluation fatigue life & mean fatigue life). Unless otherwise noted, the evaluation fatigue life will be selected for reporting.

Determine ADTT for Calculation of Fatigue Life

Year Bridge Constructed	1964	From SI&A Sheet
Present Year	2015	
Present Bridge Age	51 years	Based on Year of ADT
Average Daily Traffic	ADT 192 vpd	From SI&A Sheet
Percent Truck Traffic	5%	From SI&A Sheet
One Direction Percentage	55%	LRFD C3.6.1.4.2
Lane Fraction	$p = 1.00$	LRFD Table 3.6.1.4.2-1
Present year total ADTT	10	(ADT * % Trucks)
Present year one direction ADTT _{SL}	6 vpd	(ADT * % Trucks * p * One Direction %)

Calculate ADTT_{SL} averaged over the fatigue life of the structure

(ADTT) _{SL}	6 vpd	
Est. annual traffic growth rate, g	4%	Conservative estimated value of volume growth

Continued

Calculate Effective Stress Range for Fatigue Detail

Detail Category Constant	A =	11.0	x10 ⁸ ksi ³	From LRFD Design Table 6.6.1.2.5-1
[(ADTT) _{SL}] _{present}		6	vpd	
No. cycles per truck passage	n =	1.0		From LRFD Design Table 6.6.1.2.5-2
Fatigue II Load Factor	Y _{Fat} =	0.75		From MBE C.7.2.2 or LRFD Design Table 3.4.1-1.
Stress range partial load factor	R _S =	1.0		From MBE Table 7.2.2.1-1
Res. Factor (Minimum)	R _{R(Min)} =	1.0		From MBE Table 7.2.5.1-1
Res. Factor (Evaluation I)	R _{R(Eval)} =	1.20		From MBE Table 7.2.5.1-1
Res. Factor (Evaluation II)	R _{R(Eval)} =	1.40		From MBE Table 7.2.5.1-1
Res. Factor (Mean)	R _{R(Mean)} =	1.60		From MBE Table 7.2.5.1-1
Effective Stress Range	$\Delta f_{eff} = (Y_{Fat} * (1+IM) * M_{TRK} * D.F.) / (S_{xx}) * R_S * R_p$			From MBE Eqn 7.2.2-1
	$\Delta f_{eff} =$	3.93	ksi	

Calculate Remaining Fatigue Life

$$Y = \log[(R_r * A) / (365 * n * (ADTT) * S_{xx} * \Delta f_{eff})^3 * g(1+g)a - 1 + 1] / \log(1+g) \quad \text{From MBE Eqn. 7.2.5.1-1}$$

Total Finite Fatigue Life (Minimum), Y =	198 years	Remaining Fatigue Life, Y-a =	147 years
Total Finite Fatigue Life (Evaluation I), Y =	203 years	Remaining Fatigue Life, Y-a =	152 years
Total Finite Fatigue Life (Evaluation II), Y =	207 years	Remaining Fatigue Life, Y-a =	156 years
Total Finite Fatigue Life (Mean), Y =	210 years	Remaining Fatigue Life, Y-a =	159 years

Serviceability Index

Calculated Evaluation I Fatigue Life	Y =	203	
Present Age of Detail	a =	51	
Greater of Y or 100 Years	N =	203	
Load Path Factor	G =	1.0	From MBE Table 7.2.6.1-1. 4 or more members.
Redundancy Factor	R =	1.0	From MBE Table 7.2.6.1-2. Continuous span.
Importance Factor	I =	1.0	From MBE Table 7.2.6.1-3. Rural roads with low ADTT
Fatigue Serviceability Index	Q =	((Y-a)/N)*G*R*I	
	Q =	0.75	

Conclusion

The remaining fatigue life (152 years Evaluation I) is greater than the expected life cycle of the bridge (100 years).

BRIDGE DRAWINGS

STATE OF MAINE
STATE HIGHWAY COMMISSION



SNAKEROOT ROAD

OVER

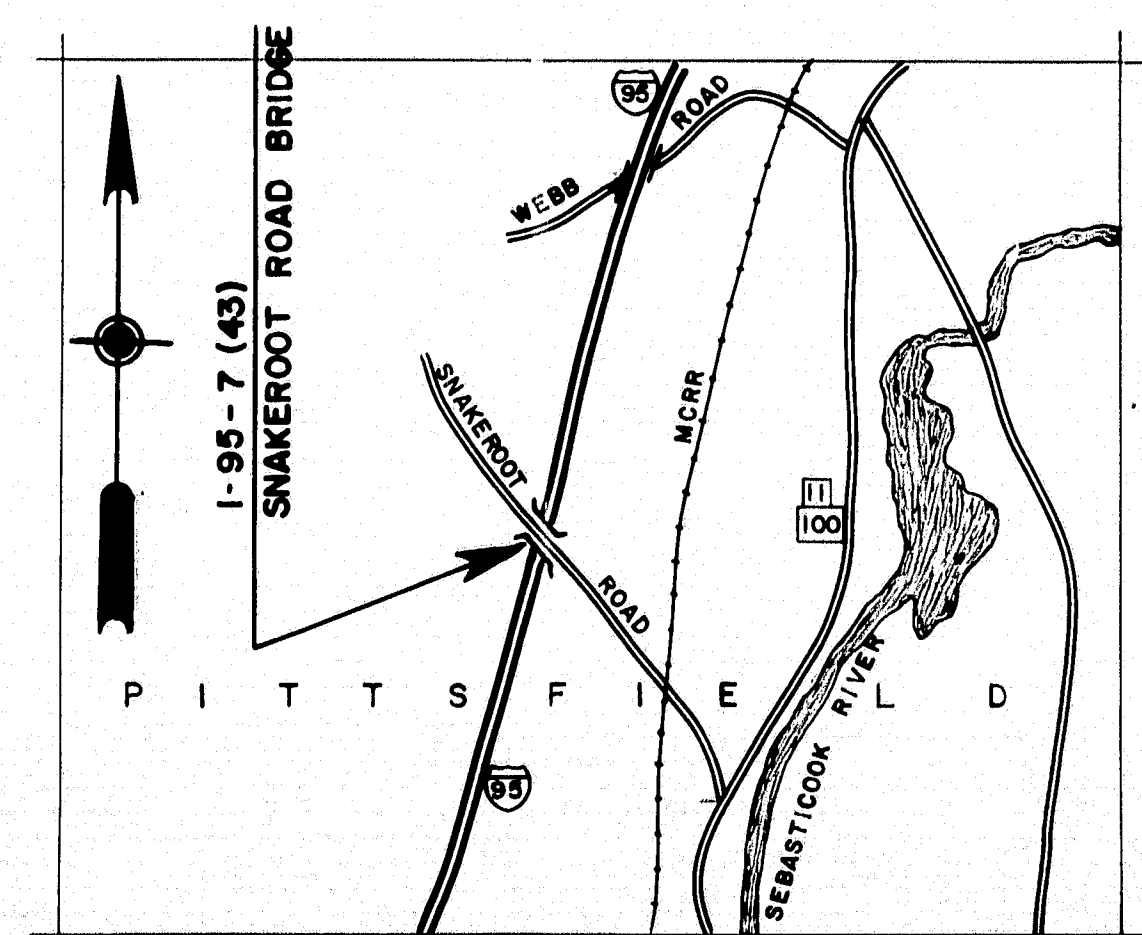
INTERSTATE 95

IN THE TOWN OF

PITTSFIELD

SOMERSET COUNTY

FEDERAL AID PROJECT NO. I-95-7(43)140



LOCATION MAP

APPROX. SCALE - 1" = 1 MILE

INDEX OF SHEETS

- | | |
|-----------|---|
| 1 | TITLE SHEET |
| 2 | GENERAL PLAN (INCLUDES ESTIMATE OF QUANTITIES) |
| 3 THRU 5 | SURVEY - SCALES: HORIZ. 1" = 50'; VERT. 1" = 5' |
| 6, 7 | FOUNDATION SURVEY |
| 8 THRU 12 | CROSS SECTIONS - SCALE: 1" = 5' |
| 13 | SLOPE PAVING |
| 14 | ABUTMENT NO. 1 |
| 15 | ABUTMENT NO. 2 |
| 16 | PIERS |
| 17 | STRUCTURAL STEEL |
| 18 | EXPANSION DAM |
| 19 | BLOCKING |
| 20, 21 | SUPERSTRUCTURE |
| 22 | REINFORCING STEEL |

STANDARD DETAIL SHEETS

- | | |
|-----------|--|
| BD 101-62 | BEARING PEDESTALS |
| BD 102-62 | BRIDGE RAIL |
| BD 103-62 | BEAM SPLICES |
| BD 104-62 | DIAPHRAGMS, ARMORED JOINT, SHEAR CONNECTORS, DRAIN |
| 2-62 | GUARD RAIL |

TRAFFIC

SNAKEROOT ROAD	INTERSTATE 95
135	A.D.T. 1962 6200
170	A.D.T. 1975 7880
185	A.D.T. 1982 8430
25 (1975)	DHV 945 (1975)
10%	T 11%
60%	D 60%
45 MPH (MAX)	V 70 MPH (MAX)

APPROVED
MAINE STATE HIGHWAY COMMISSION

David H. Stuenkel
CHAIRMAN
Raymond W. Walker
CHIEF ENGINEER
4-10-63
DATE

DEPARTMENT OF COMMERCE
BUREAU OF PUBLIC ROADS

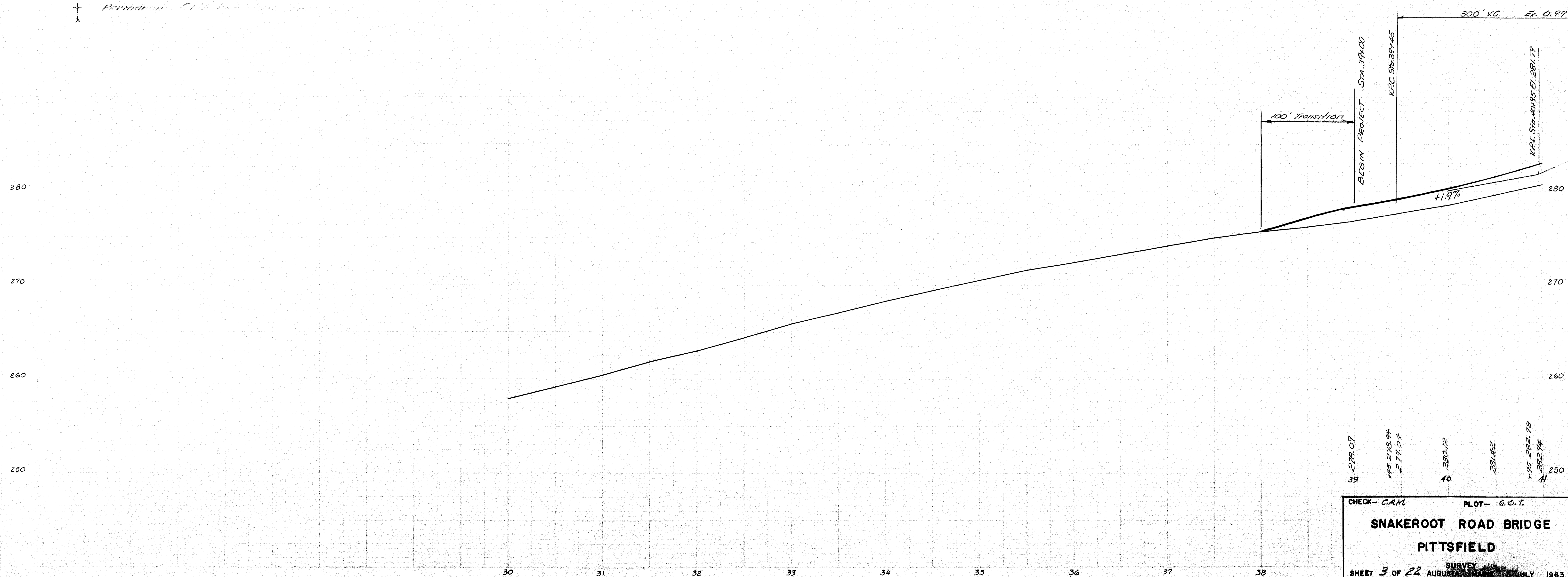
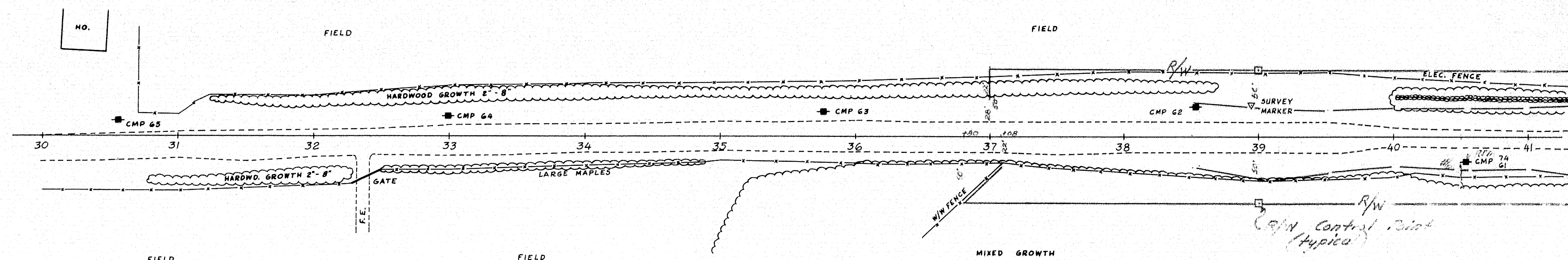
REGION 1

APPROVED

DIVISION ENGINEER DATE

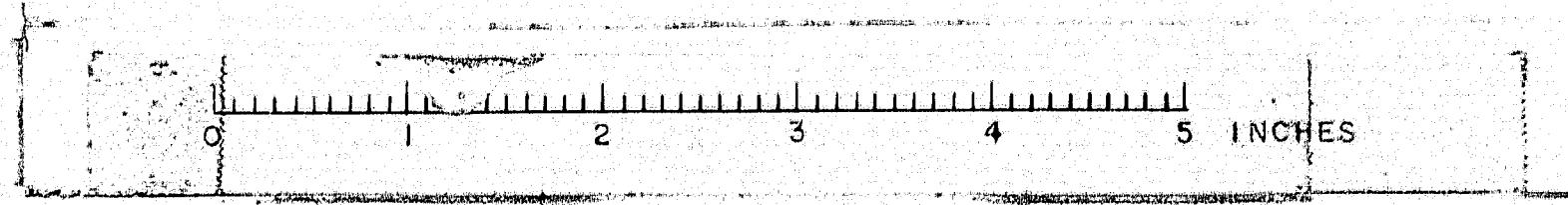
D. R. R. REG. NO.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	I-95-7(43)	3	22

- @ Existing C.M.P. Pile A to be removed
 * Existing C.M.P. Pile B to be removed
 + Proposed C.M.P. Pile
 + Proposed C.M.P. Pile to be removed



278.09
 39
 278.94
 278.04
 380.12
 40
 281.42
 282.78
 282.94
 41

CHECK- C.A.M. PLOT- G.O.T.
SNAKEROOT ROAD BRIDGE
PITTSFIELD
 SHEET 3 OF 22 SURVEY AUGUST 1963



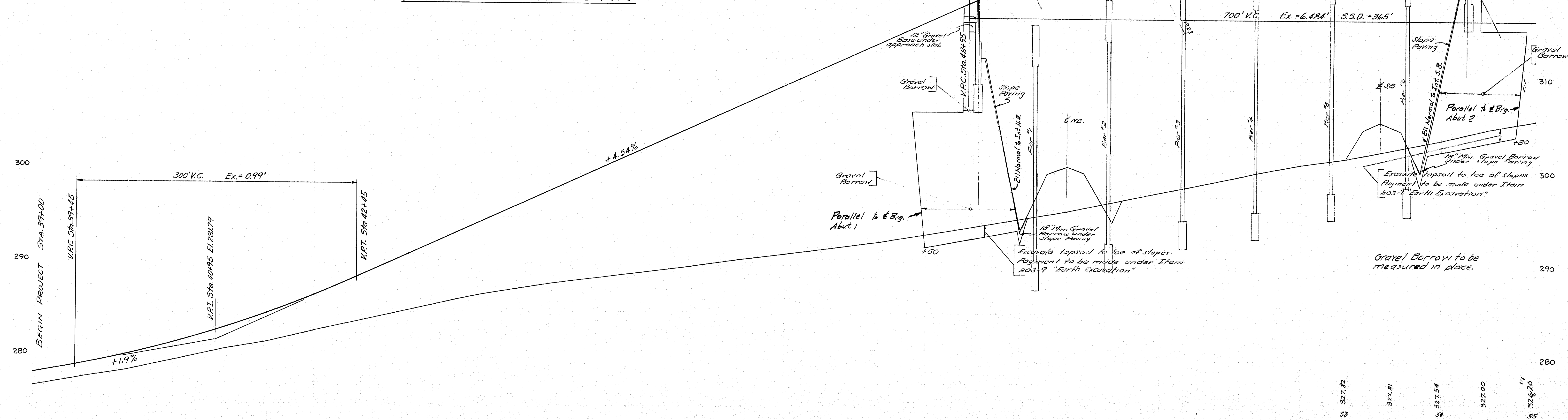
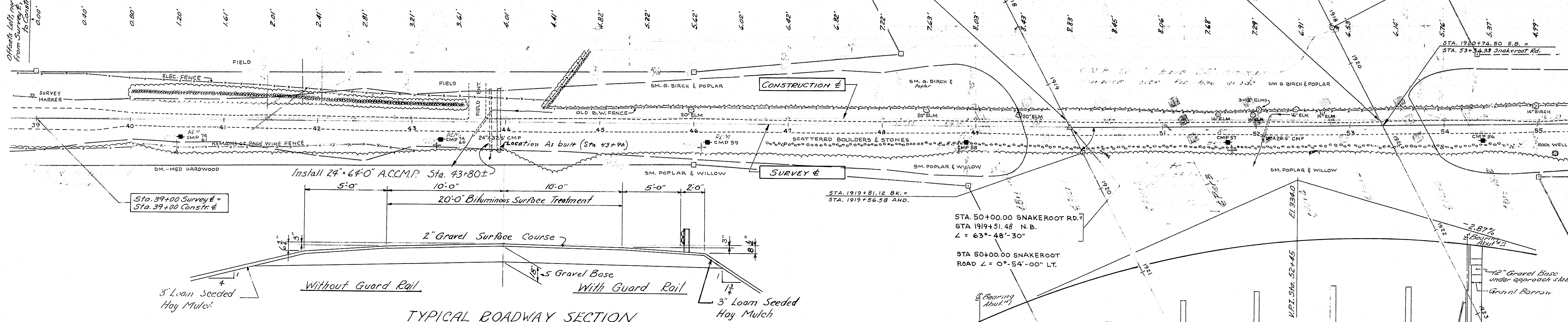
D.P.R.	STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
1	MAINE	2-95-7(43)	4	22

Existing CMP Pole to be removed
 Existing CMP Pole to remain in place
 CMP Proposed temporary pole
 Permanent CMP Pole

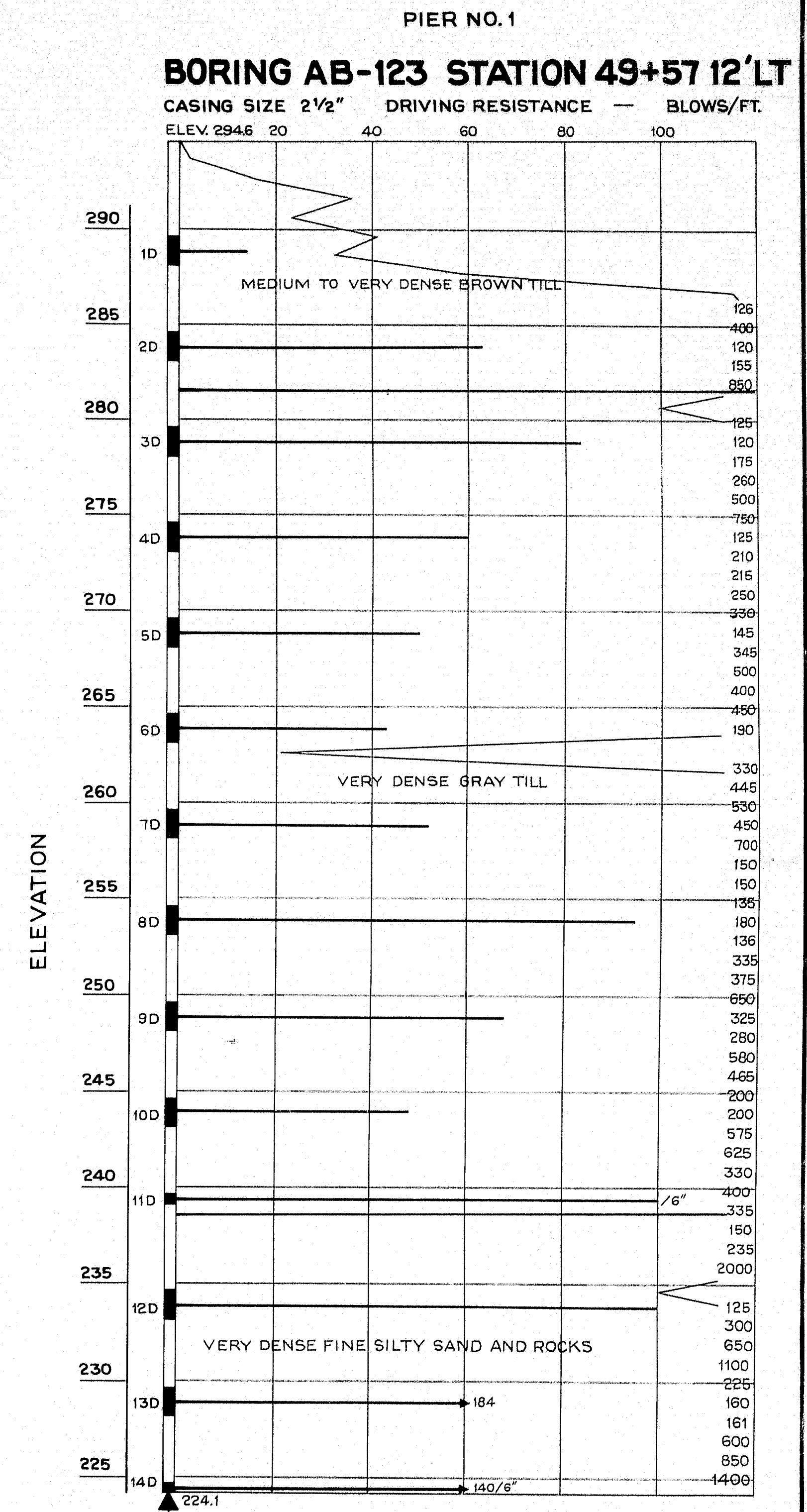
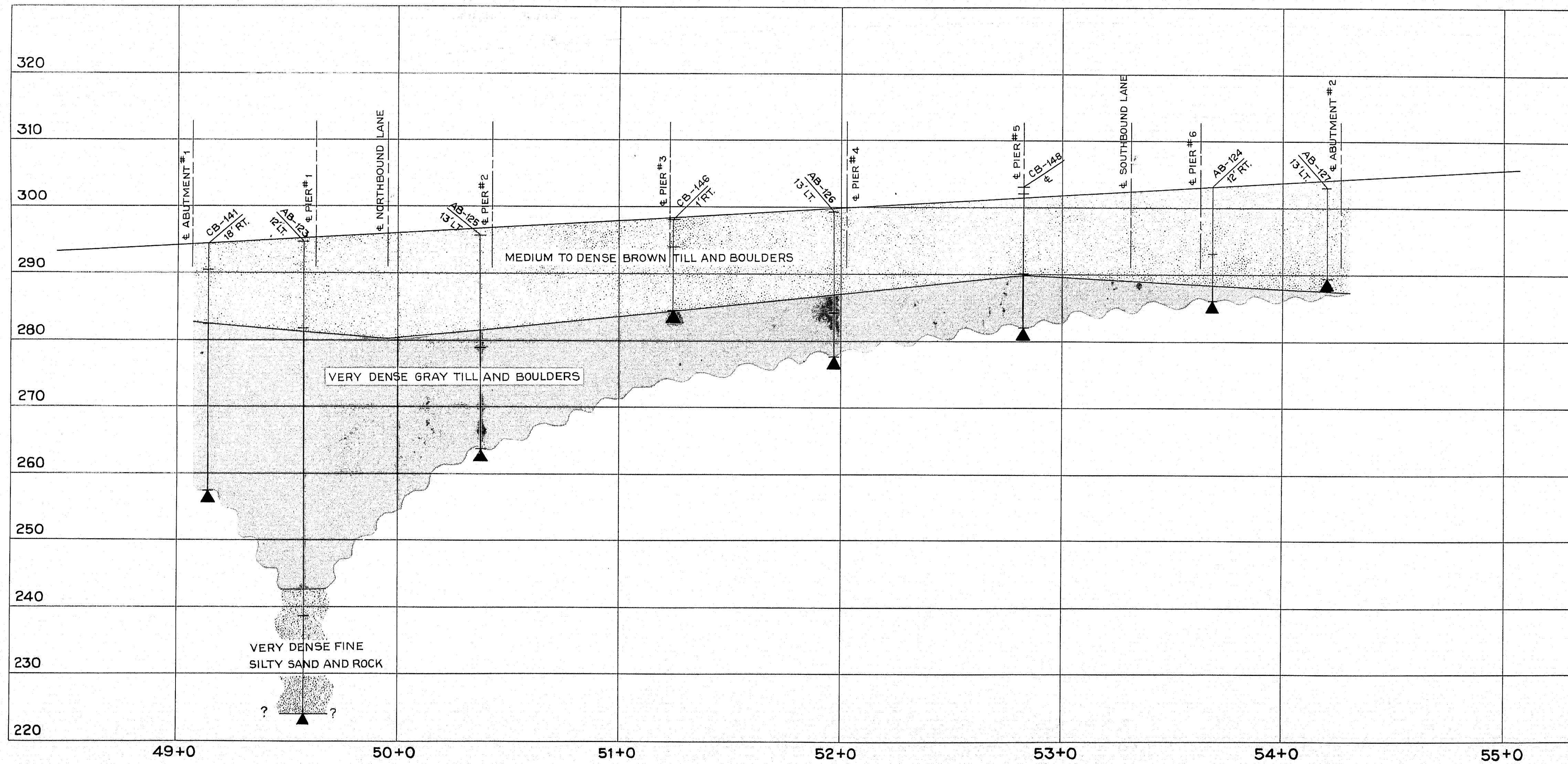
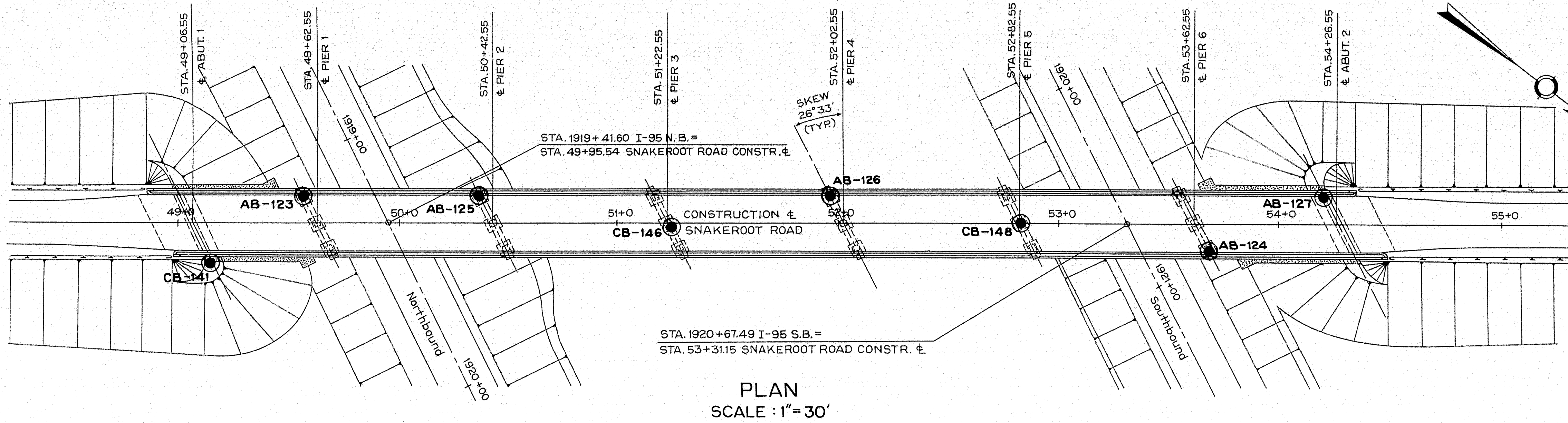
All clearing, selective clearing and thinning, and removal of single trees shall be done by others.
 Any additional clearing will be considered incidental to Earth Excavation.

A portion of Temporary Road @ Sta. 41+75± is to remain as a Field Entrance.
 Entrance to be shaped by others.
 Abandon Field Entrance at Sta. 43+70±.

Offset to left corner to end of Survey @ Sta. 39+00



270	271.42	272.04	280.12	281.42	282.78	282.94	284.68	286.65	288.60	288.83	291.10	293.37	295.64	297.91	300.18	302.45	304.72	306.99	309.26	311.53	313.80	316.07	318.34	320.61	322.88	325.15	327.42	329.69	331.96	334.23	336.50	338.77	341.04	343.31	345.58	347.85	350.12	352.39	354.66	356.93	359.20	361.47	363.74	366.01	368.28	370.55	372.82	375.09	377.36	379.63	381.90	384.17	386.44	388.71	390.98	393.25	395.52	397.79	400.06	402.33	404.60	406.87	409.14	411.41	413.68	415.95	418.22	420.49	422.76	425.03	427.30	429.57	431.84	434.11	436.38	438.65	440.92	443.19	445.46	447.73	450.00	452.27	454.54	456.81	459.08	461.35	463.62	465.89	468.16	470.43	472.70	474.97	477.24	479.51	481.78	484.05	486.32	488.59	490.86	493.13	495.40	497.67	499.94	502.21	504.48	506.75	509.02	511.29	513.56	515.83	518.10	520.37	522.64	524.91	527.18	529.45	531.72	533.99	536.26	538.53	540.80	543.07	545.34	547.61	549.88	552.15	554.42	556.69	558.96	561.23	563.50	565.77	568.04	570.31	572.58	574.85	577.12	579.39	581.66	583.93	586.20	588.47	590.74	593.01	595.28	597.55	599.82	602.09	604.36	606.63	608.90	611.17	613.44	615.71	617.98	620.25	622.52	624.79	627.06	629.33	631.60	633.87	636.14	638.41	640.68	642.95	645.22	647.49	649.76	652.03	654.30	656.57	658.84	661.11	663.38	665.65	667.92	670.19	672.46	674.73	676.99	679.26	681.53	683.80	686.07	688.34	690.61	692.88	695.15	697.42	699.69	701.96	704.23	706.50	708.77	711.04	713.31	715.58	717.85	720.12	722.39	724.66	726.93	729.20	731.47	733.74	736.01	738.28	740.55	742.82	745.09	747.36	749.63	751.90	754.17	756.44	758.71	760.98	763.25	765.52	767.79	770.06	772.33	774.60	776.87	779.14	781.41	783.68	785.95	788.22	790.49	792.76	795.03	797.30	799.57	801.84	804.11	806.38	808.65	810.92	813.19	815.46	817.73	820.00	822.27	824.54	826.81	829.08	831.35	833.62	835.89	838.16	840.43	842.70	844.97	847.24	849.51	851.78	854.05	856.32	858.59	860.86	863.13	865.40	867.67	869.94	872.21	874.48	876.75	879.02	881.29	883.56	885.83	888.10	890.37	892.64	894.91	897.18	899.45	901.72	903.99	906.26	908.53	910.80	913.07	915.34	917.61	919.88	922.15	924.42	926.69	928.96	931.23	933.50	935.77	938.04	940.31	942.58	944.85	947.12	949.39	951.66	953.93	956.20	958.47	960.74	963.01	965.28	967.55	969.82	972.09	974.36	976.63	978.90	981.17	983.44	985.71	987.98	990.25	992.52	994.79	997.06	999.33	1001.60	1003.87	1006.14	1008.41	1010.68	1012.95	1015.22	1017.49	1019.76	1022.03	1024.30	1026.57	1028.84	1031.11	1033.38	1035.65	1037.92	1040.19	1042.46	1044.73	1046.99	1049.26	1051.53	1053.80	1056.07	1058.34	1060.61	1062.88	1065.15	1067.42	1069.69	1071.96	1074.23	1076.50	1078.77	1081.04	1083.31	1085.58	1087.85	1090.12	1092.39	1094.66	1096.93	1099.20	1101.47	1103.74	1106.01	1108.28	1110.55	1112.82	1115.09	1117.36	1119.63	1121.90	1124.17	1126.44	1128.71	1130.98	1133.25	1135.52	1137.79	1140.06	1142.33	1144.60	1146.87	1149.14	1151.41	1153.68	1155.95	1158.22	1160.49	1162.76	1165.03	1167.30	1169.57	1171.84	1174.11	1176.38	1178.65	1180.92	1183.19	1185.46	1187.73	1190.00	1192.27	1194.54	1196.81	1199.08	1201.35	1203.62	1205.89	1208.16	1210.43	1212.70	1214.97	1217.24	1219.51	1221.78	1224.05	1226.32	1228.59	1230.86	1233.13	1235.40	1237.67	1239.94	1242.21	1244.48	1246.75	1249.02	1251.29	1253.56	1255.83	1258.10	1260.37	1262.64	1264.91	1267.18	1269.45	1271.72	1273.99	1276.26	1278.53	1280.80	1283.07	1285.34	1287.61	1289.88	1292.15	1294.42	1296.69	1298.96	1301.23	1303.50	1305.77	1308.04	1310.31	1312.58	1314.85	1317.12	1319.39	1321.66	1323.93	1326.20	1328.47	1330.74	1333.01	1335.28	1337.55	1339.82	1342.09	1344.36	1346.63	1348.90	1351.17	1353.44	1355.71	1357.98	1360.25	1362.52	1364.79	1367.06	1369.33	1371.60	1373.87	1376.14	1378.41	1380.68	1382.95	1385.22	1387.49	1389.76	1392.03	1394.30	1396.57	1398.84	1401.11	1403.38	1405.65	1407.92	1410.19	1412.46	1414.73	1416.99	1419.26	1421.53	1423.80	1426.07	1428.34	1430.61	1432.88	1435.15	1437.42	1439.69	1441.96	1444.23	1446.50	1448.77	1451.04	1453.31	1455.58	1457.85	1460.12	1462.39	1464.66	1466.93	1469.20	1471.47	1473.74	1476.01	1478.28	1480.55	1482.82	1485.09	1487.36	1489.63	1491.90	1494.17	1496.44	1498.71	1500.98	1503.25	1505.52	1507.79	1510.06	1512.33	1514.60	1516.87	1519.14	1521.41	1523.68	1525.95	1528.22	1530.49	1532.76	1535.03	1537.30	1539.57	1541.84	1544.11	1546.38	1548.65	1550.92	1553.19	1555.46	1557.73	1560.00	1562.27	1564.54	1566.81	1569.08	1571.35	1573.62	1575.89	1578.16	1580.43	1582.70	1584.97	1587.24	1589.51	1591.78	1594.05	1596.32	1598.59	1600.86	1603.13	1605.40	1607.67	1609.94	1612.21	1614.48	1616.75	1619.02	1621.29	1623.56	1625.83	1628.10	1630.37	1632.64	1634.91	1637.18	1639.45	1641.72	1643.99	1646.26	1648.53	1650.80	1653.07	1655.34	1657.61	1659.88	1662.15	1664.42	1666.69	1668.96	1671.23	1673.50	1675.77	1678.04	1680.31	1682.58	1684.85	1687.12	1689.39	1691.66	1693.93	1696.20	1698.47	1700.74	1703.01	1705.28	1707.55	1709.82	1712.09	1714.36	1716.63	1718.90	1721.17	1723.44	1725.71	1727.98	1730.25	1732.52	1734.79	1737.06	1739.33	1741.60	1743.87	1746.14	1748.41	1750.68	1752.95	1755.22	1757.49	1759.76	1762.03	1764.30	1766.57	1768.84	1771.11	1773.38	1775.65	1777.92	1780.19	1782.46	1784.73	1786.99	1789.26	1791.53	1793.80	1796.07	1798.34	1800.61	1802.88	1805.15	1807.42	1809.69	1811.96	1814.23	1816.50	1818.77	1821.04	1823.31	1825.58	1827.85	1830.12	1832.39	1834.66	1836.93	1839.20	1841.47	1843.74	1846.01	1848.28	1850.55	1852.82	1855.09	1857.36	1859.63	1861.90	1864.17	1866.44	1868.71	1870.98	1873.25	1875.52	1877.79	1880.06	1882.33	1884.60	1886.87	1889.14	1891.41	1893.68	1895.95	1898.22	1900.49	1902.76	1905.03	1907.30	1909.57	1911.84	1914.11	1916.38	1918.65	1920.92	1923.19	1925.46	1927.73	1929.99	1932.26	1934.53	1936.80	1939.07	1941.34	1943.61	1945.88	1948.15	1950.42	1952.69	1954.96	1957.23	1959.50	1961.77	1964.04	1966.31	1968.58	1970.85	1973.12	1975.39	1977.66	1979.93	1982.20	1984.47	1986.74	1989.01	1991.28	1993.55	1995.82	1998.09	2000.36	2002.63	2004.90	2007.17	2009.44	2011.71	2013.98	2016.25	2018.52	2020.79	2023.06	2025.33	2027.60	2029.87	2032.14	2034.41	2036.68	2038.95	2041.22	2043.49	2045.76	2048.03	2050.30	2052.57	2054.84	2057.11	2059.38	2061.65	2063.92	2066.19	2068.46	2070.73	2073.00	2075.27	2077.54	2079.81	2082.08	2084.35	2086.62	2088.89	2091.16	2093.43	2095.70	2097.97	2100.24	2102.51	2104.78	2107.05	2109.32	2111.59	2113.86	2116.13	2118.40	2120.67	2122.94	2125.21	2127.48	2129.75	2132.02	2134.29	2136.56	2138.83	2141.10	2143.37	2145.64	2147.91	2150.18	2152.45	2154.72	2156.99	2159.26	2161.53	2163.80	2166.07	2168.34	2170.61	2172.88	2175.15	2177.42	2179.69	2181.96	2184.23	2186.50	2188.77	2191.04	2193.31	2195.58	2197.85	2200.12	2202.39	2204.66	2206.93	2209.20	2211.47	2213.74	2216.01	2218.28	2220.55	2222.82	2225.09	2227.36	2229.63	2231.90	2234.17	2236.44	2238.71	2240.98	2243.25	2245.52	2247.79	2250.06	2252.33	2254.60	2256.87	2259.14	2261.41	2263.68	2265.95	2268.22	2270.49	2272.76	2275.03	2277.30	2279.57	2281.84	2284.11	2286.38	2288.65	2290.92	2293.19	2295.46	2297.73	2300.00	2302.27	2304.54	2306.81	2309.08	2311.35	2313.62	2315.89	2318.16	2320.43	2322.70	2324.97	2327.24	2329.51	2331.78	2334.05	2336.32	2338.59	2340.86	2343.13	2345.40	2347.67	2349.94	2352.21	2354.48	2356.75	2359.02	2361.29	2363.56	2365.83	2368.10	2370.37	2372.64	2374.91	2377.18	2379.45	2381.72	2383.99	2386.26	2388.53	2390.80	2393.07	2395.34	2397.61	2399.88	2402.15	2404.42	2406.69	2408.96	2411.23	2413.50	2415.77	2418.04	2420.31	2422.58	2424.85	2427.12	2429.39	2431.66	2433.93	2436.20	2438.47	2440.74	2443.01	2445.28	2447.55	2449.82	2452.09	2454.36	2456.63	2458.90	2461.17	2463.44	2465.71	2467.98	2470.25	2472.52	2474.79	2477.06	2479.33	2481.60	2483.87	2486.14	2488.41	2490.68	2492.95	2495.22	2497.49	2499.76	2502.03	2504.30	2506.57	2508.84	2511.11	2513.38	2515.65	2517.92	2520.19	2522.46	2524.73	2526.99	2529.26	2531.53	2533.80	2536.07	2538.34	2540.61	2542.88	2545.15	2547.42	2549.69	2551.96	2554.23	2556.50	2558.77	2561.04	2563.31	2565.58	2567.85	2570.12	2572.39	2574.66	2576.93	2579.20	2581.47	2583.74	2586.01	2588.28	2590.55	2592.82	2595.09	2597.36	2599.63	2601.90	2604.17	2606.44	2608.71	2610.98	2613.25	2615.52	2617.79	2620.06	2622.33	2624.60	2626.87	2629.14	2631.41	2633.68	2635.95	2638.22	2640.49	2642.76	2645.03	2647.30	2649.57	2651.84	2654.11	2656.38	2658.65	2660.92	2663.19	2665.46	2667.73
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DESIGN—
TRACE—
CHECK—

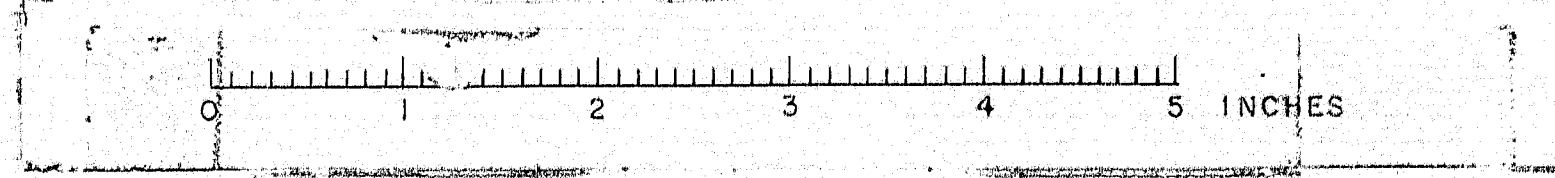
BRIDGE NO.
SURVEY—
PLOT—

STATE HIGHWAY COMMISSION
BRIDGE DIVISION

SAKEROOT ROAD BRIDGE
OVER
INTERSTATE 95
IN THE TOWN OF
PITTSFIELD
SOMERSET COUNTY
FOUNDATION SURVEY

SHEET 6 OF 22 AUGUSTA, MAINE July 1963

87-186



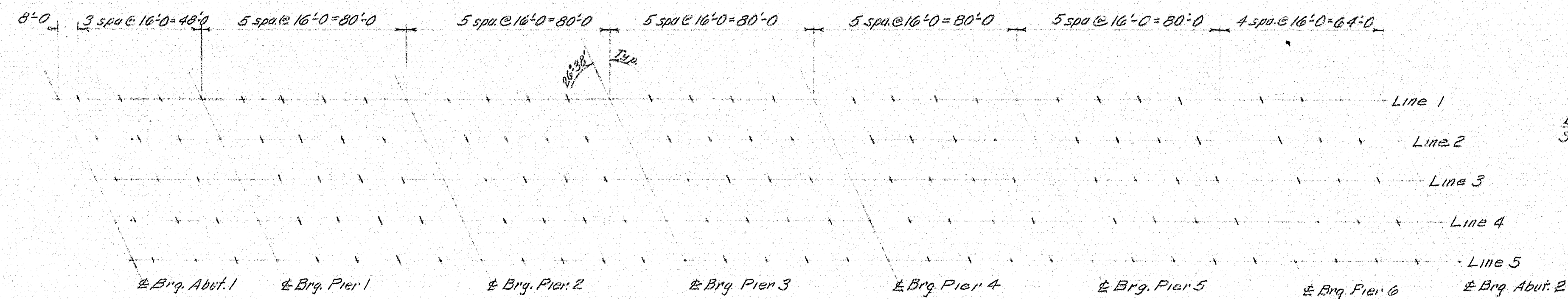
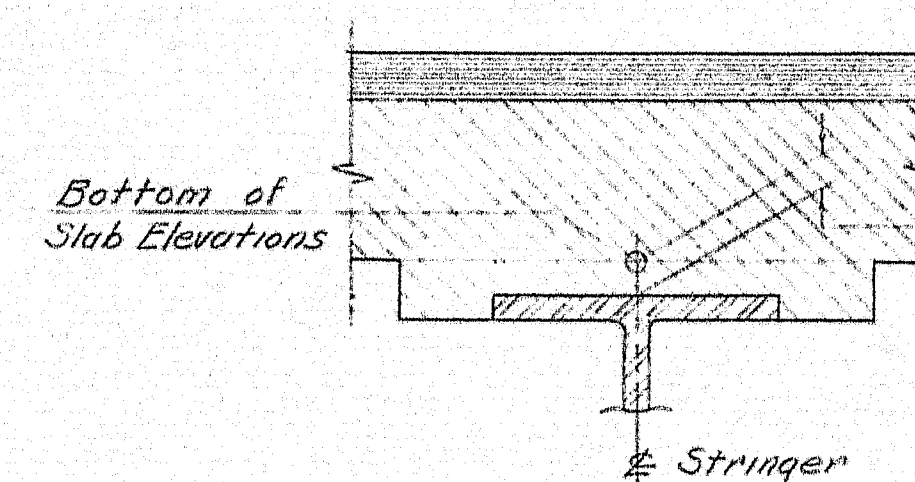


DIAGRAM OF BLOCKING POINTS

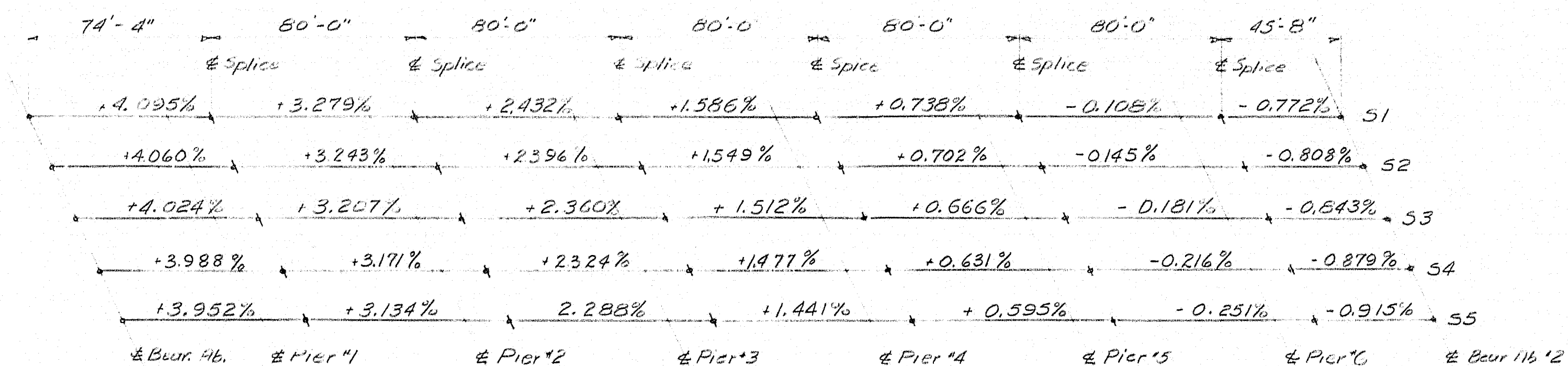


BLOCKING DETAIL

NOTE: To compensate for dead load deflections as well as possible irregularities in beams, set the bottom of slab elevations at the points indicated before any of the slab formwork is started.

BOTTOM OF SLAB ELEVATIONS AT BLOCKING POINTS

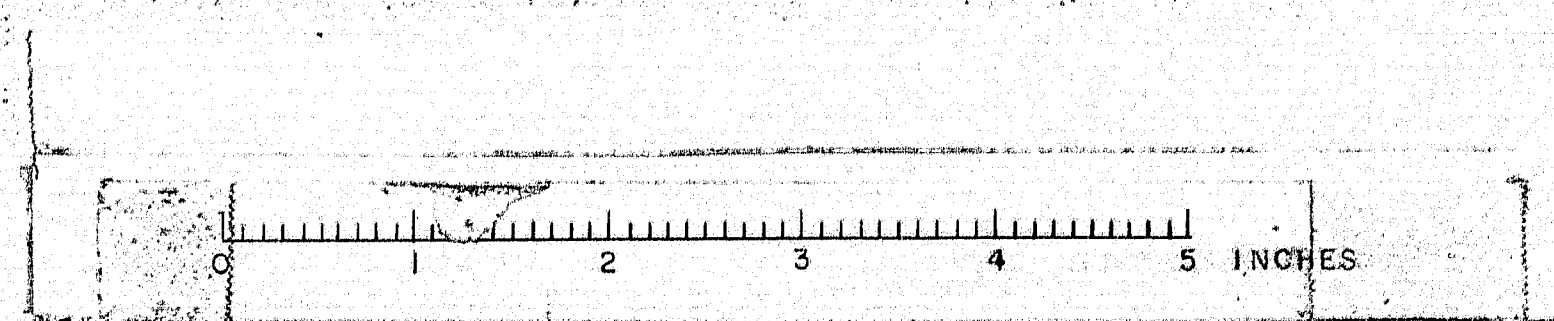
	± Brg. Abut. 1	+ 3	SPAN 1			± Brg. Pier 1	SPAN 2			± Brg. Pier 2	+ 16	SPAN 3			± Brg. Pier 3	+ 16	SPAN 4			± Brg. Pier 4	+ 16	SPAN 5			± Brg. Pier 5	+ 16	SPAN 6			± Brg. Pier 6	+ 16	SPAN 7			± Brg. Abut. 2
			+ 24	+ 40			+ 32	+ 48	+ 64			+ 32	+ 48	+ 64			+ 32	+ 48	+ 64			+ 32	+ 48	+ 64			+ 32	+ 48	+ 64			+ 32	+ 48		
LINE 1	317.29	317.60	318.36	319.01	319.64	320.28	320.89	321.44	321.94	322.42	322.91	323.38	323.80	324.17	324.52	324.88	325.21	325.50	325.73	325.95	326.16	326.37	326.51	326.61	326.69	326.77	326.84	326.86	326.81	326.76	326.71	326.64	326.58	326.53	
LINE 2	317.59	317.95	318.65	319.29	319.91	320.54	321.15	321.70	322.19	322.66	323.14	323.61	324.03	324.39	324.74	325.09	325.42	325.70	325.92	326.13	326.34	326.54	326.68	326.77	326.85	326.93	326.99	327.00	326.95	326.89	326.83	326.76	326.69	326.63	
LINE 3	317.85	318.24	318.93	319.57	320.19	320.81	321.41	321.95	322.44	322.91	323.38	323.84	324.25	324.61	324.95	325.29	325.62	325.89	326.11	326.32	326.52	326.71	326.85	326.94	327.01	327.08	327.13	327.15	327.08	327.02	326.95	326.87	326.79	326.71	
LINE 4	317.89	318.25	318.93	319.56	320.17	320.79	321.39	321.92	322.40	322.87	323.33	323.79	324.19	324.55	324.89	325.22	325.54	325.81	326.02	326.22	326.42	326.60	326.74	326.82	326.88	326.94	326.99	326.99	326.93	326.84	326.79	326.71	326.64	326.56	
LINE 5	317.89	318.25	318.93	319.55	320.16	320.77	321.36	321.89	322.37	322.82	323.29	323.74	324.14	324.48	324.81	325.14	325.46	325.72	325.93	326.12	326.31	326.49	326.62	326.69	326.75	326.81	326.85	326.85	326.78	326.70	326.62	326.54	326.46	326.38	

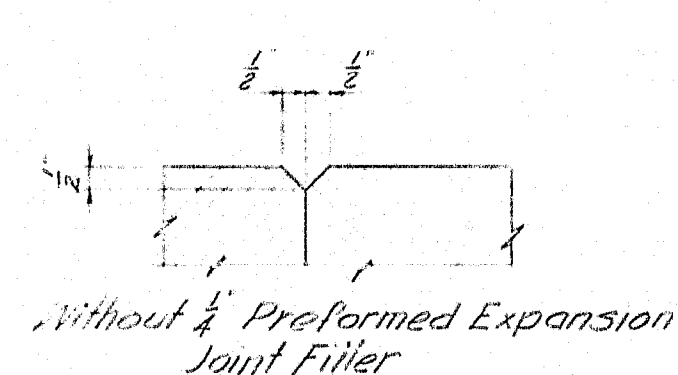
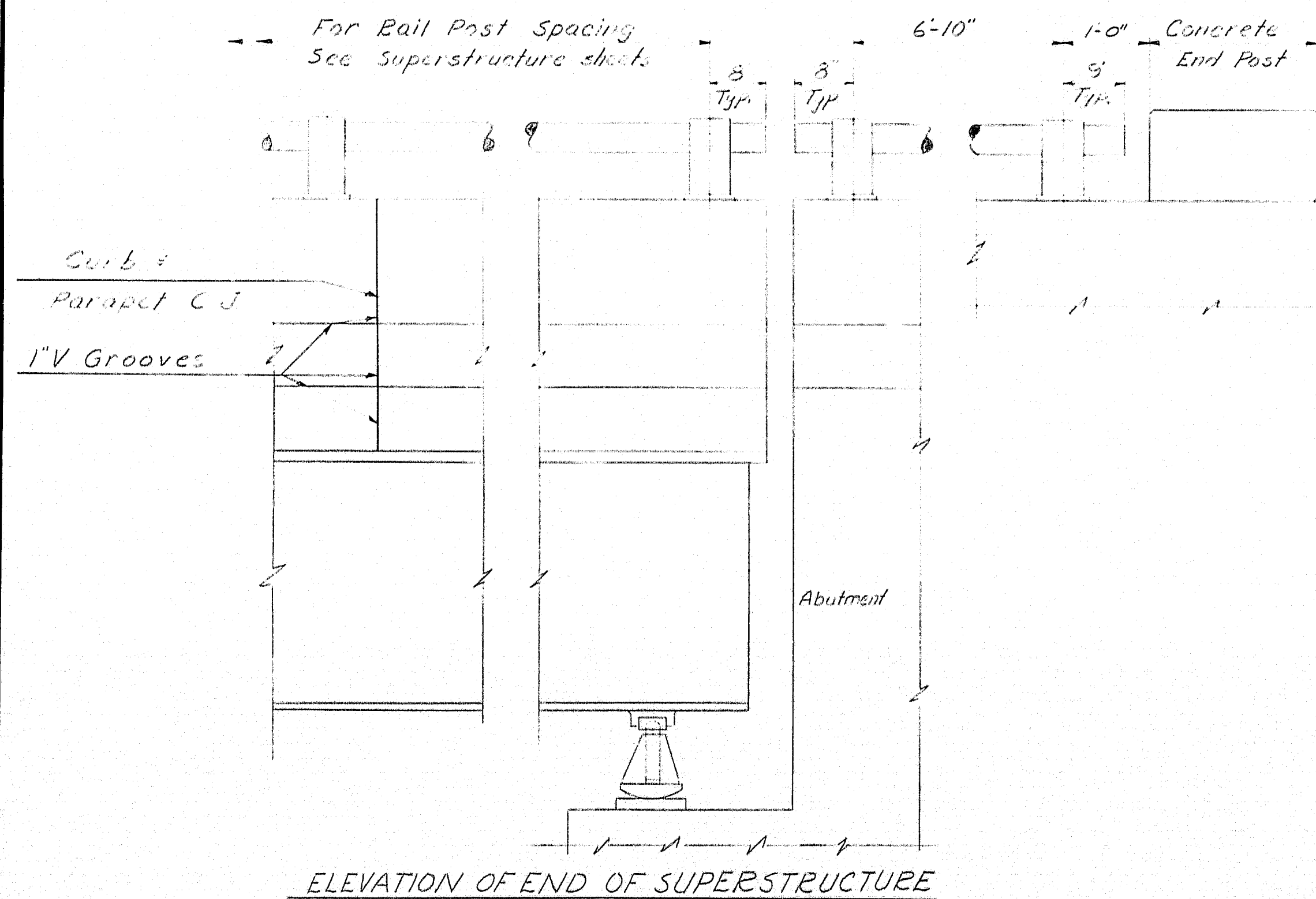
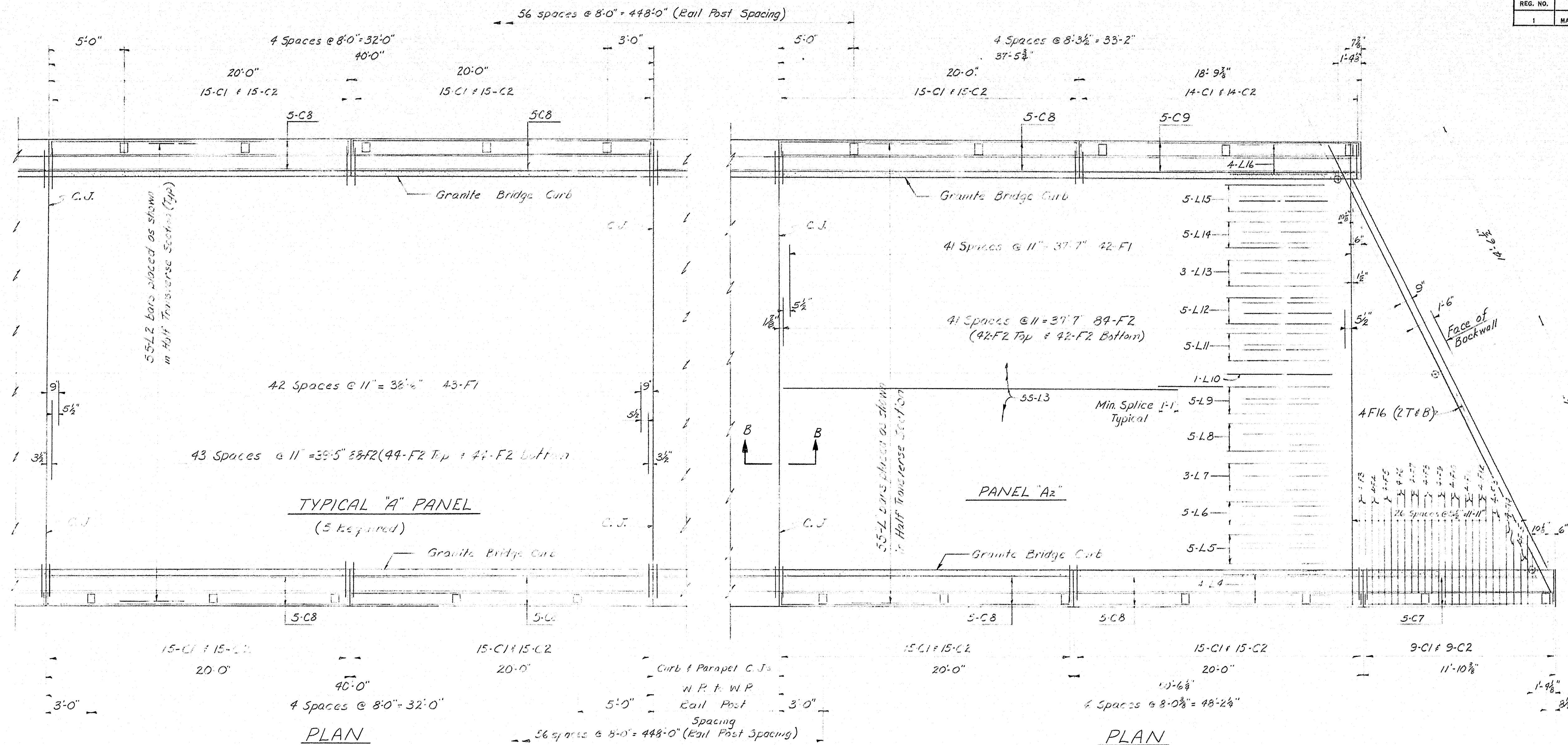


BEAM GRADES

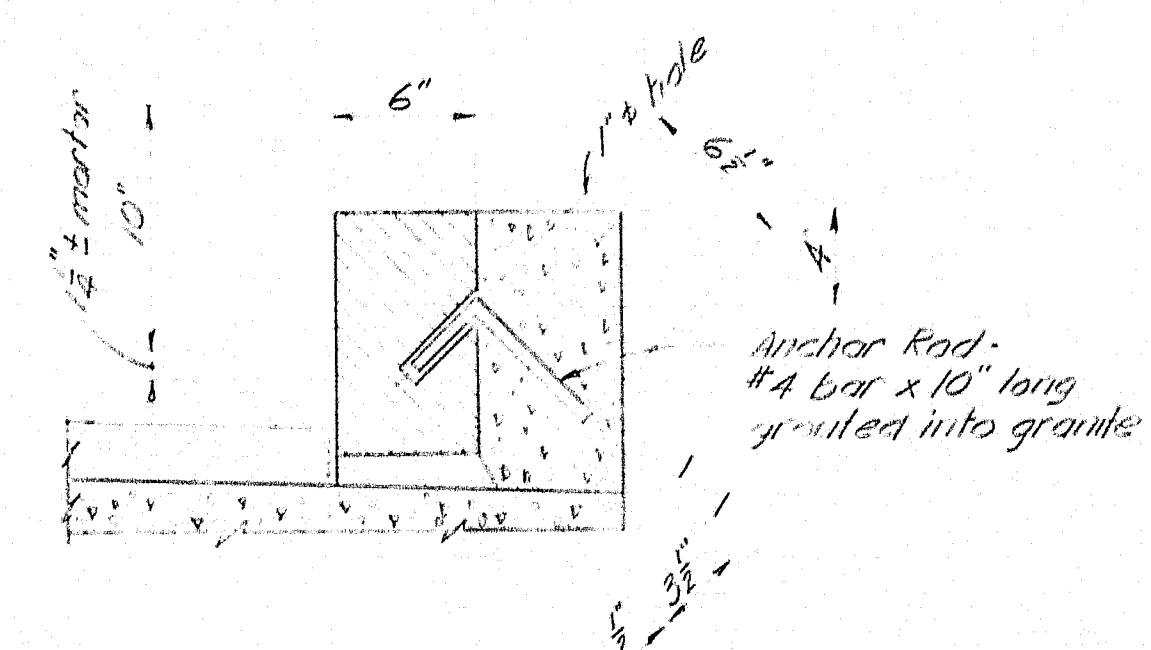
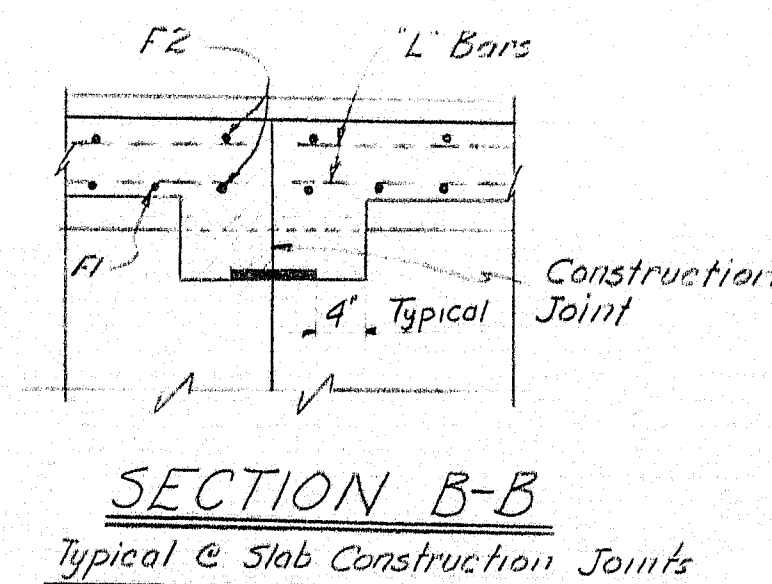
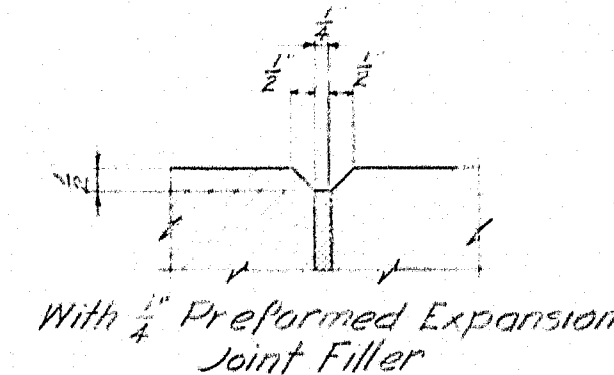
DESIGN - T. H. K. TRACE - J. C. CHECK - [Signature]	BRIDGE NO. SURVEY - PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
SNAKEWOOD ROAD BRIDGE OVER INTERSTATE 95 IN THE TOWN OF PITTSFIELD SOMERSET COUNTY	
BLOCKING SHEET 19 OF 22 AUGUSTA, MAINE JULY 1963	

87-199





1" V-GROOVES

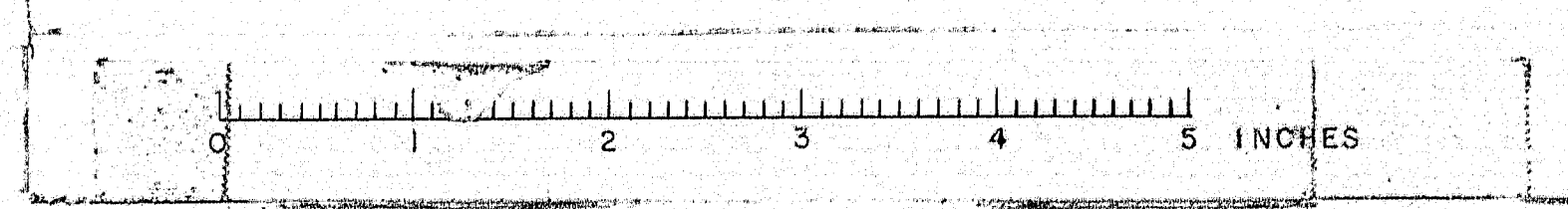


TYPICAL SECTION

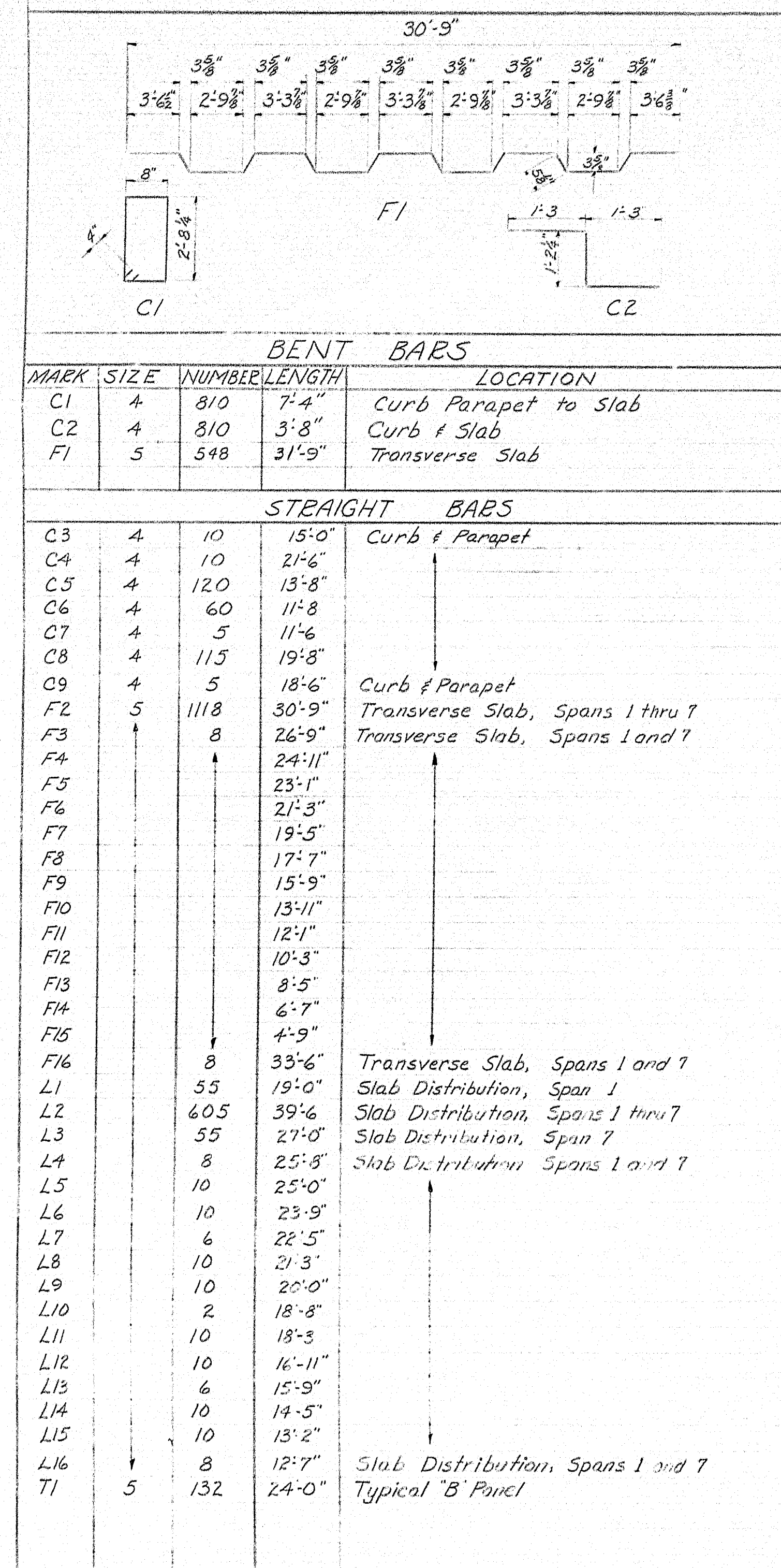
Apply with 2" bituminous concrete and $\frac{1}{4}$ " allowed for membrane waterproofing

DESIGN - F.H.K. TRACE + DET. G.O.T. CHECK - <i>[Signature]</i>	BRIDGE NO. SURVEY - PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
SNAKEROOT ROAD BRIDGE	
OVER	
INTERSTATE 95	
IN THE TOWN OF	
PITTSFIELD	
SOMERSET COUNTY	
SUPERSTRUCTURE	
SHEET 21 OF 22	AUGUSTA, MAINE JULY 1963

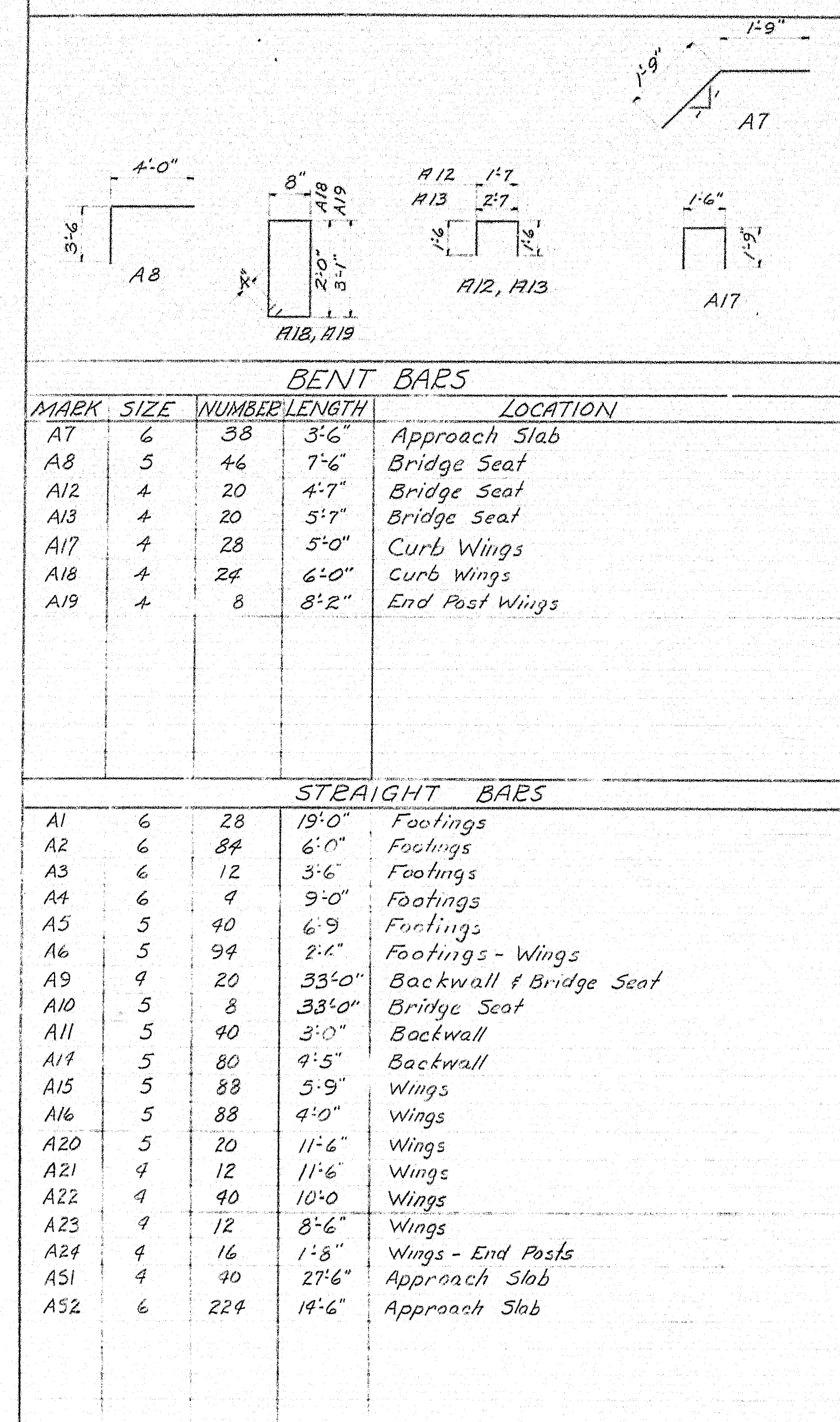
87-201



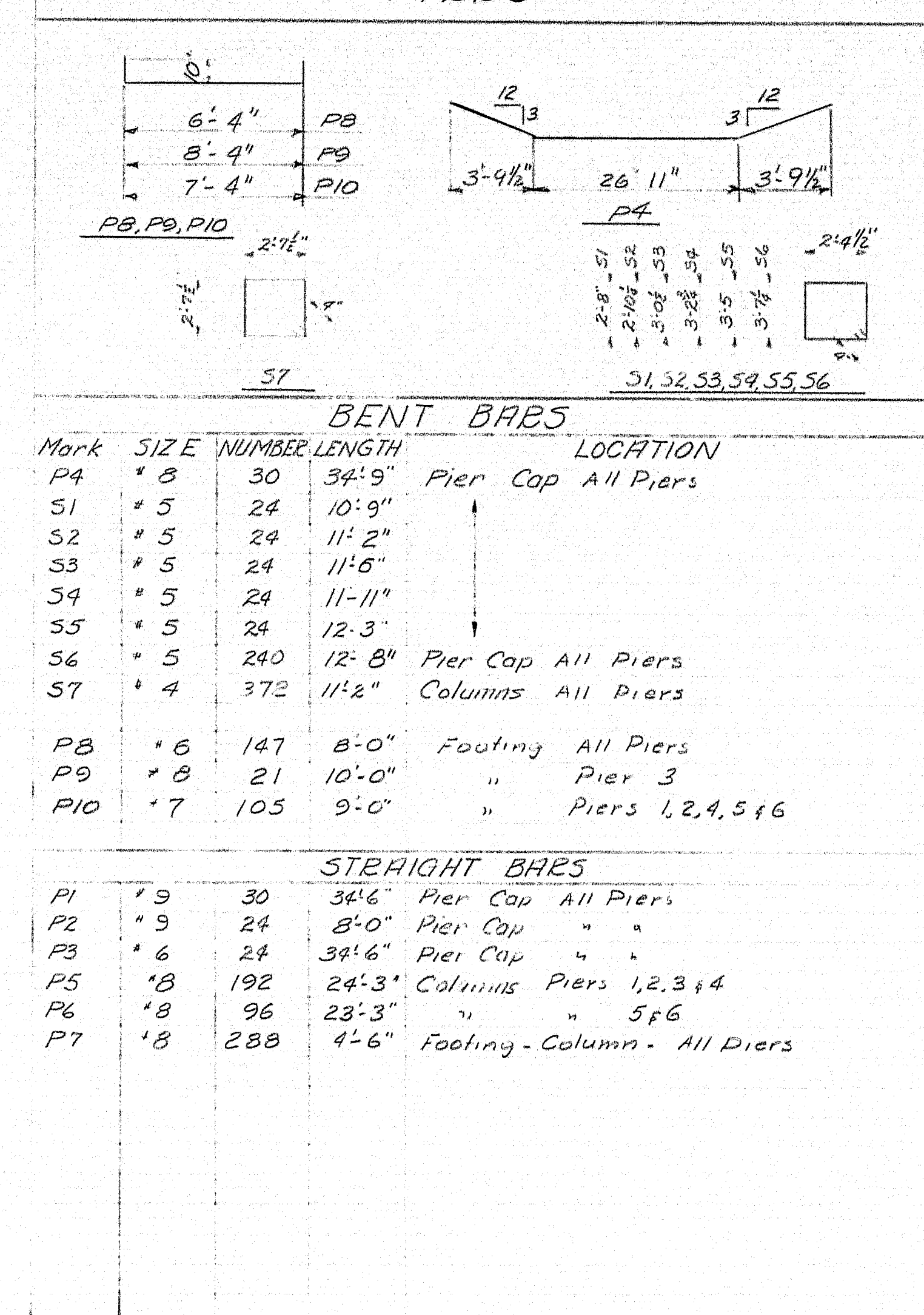
REIN. of SUPERSTRUCTURE



ABUTMENT #1 & #2



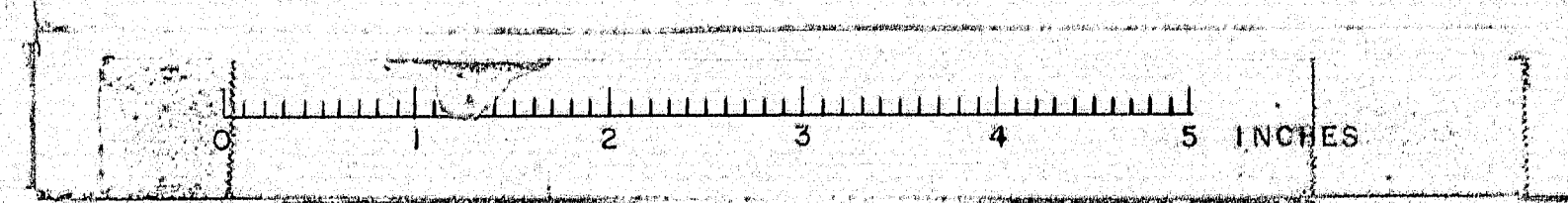
PIERS

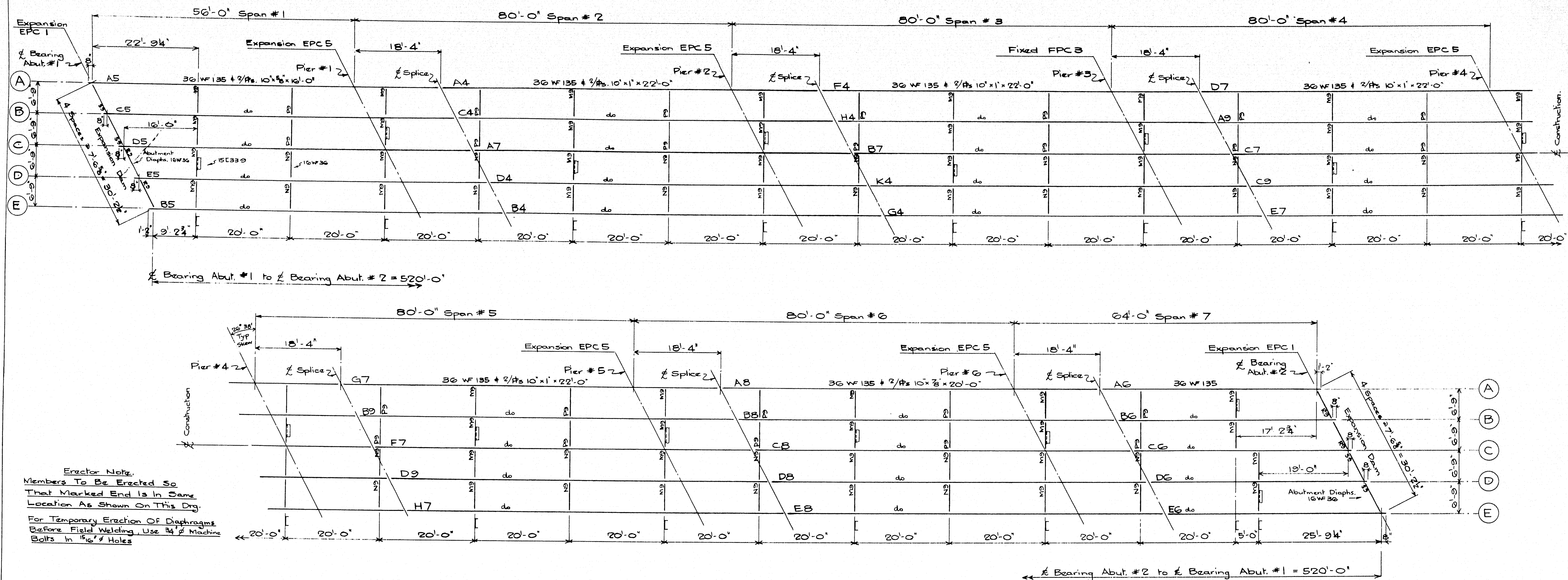


All dimensions to E of bars.
All reinforcing steel shall be
intermediate grade.

DESIGN - T.H.K. TRACE - G.D.J. CHECK - J.M.H.	BRIDGE NO. SURVEY - PLOT -
STATE HIGHWAY COMMISSION BRIDGE DIVISION	
SNAKEROOT ROAD BRIDGE OVER	
INTERSTATE 95 IN THE TOWN OF PITTSFIELD	
SOMERSET COUNTY	
REINFORCING STEEL	
SHEET 22 OF 22 AUGUSTA, MAINE JULY 1963	

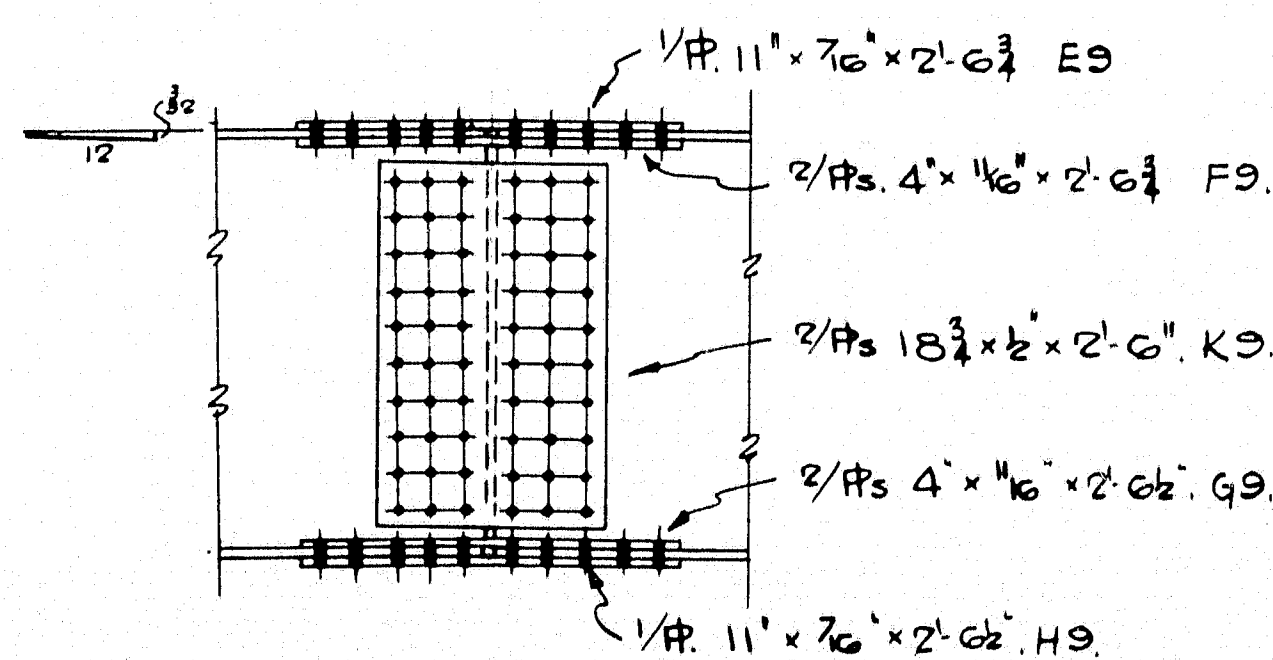
87-202





Erector Note:
Members To Be Erected So
That Marked End Is In Same
Location As Shown On This Dwg.
For Temporary Erection Of Diaphragms
Before Field Welding Use 3/4" Machine
Bolts In 1 1/2" Holes

PLAN ON BRIDGE
(All Dimensions Are Horizontal)



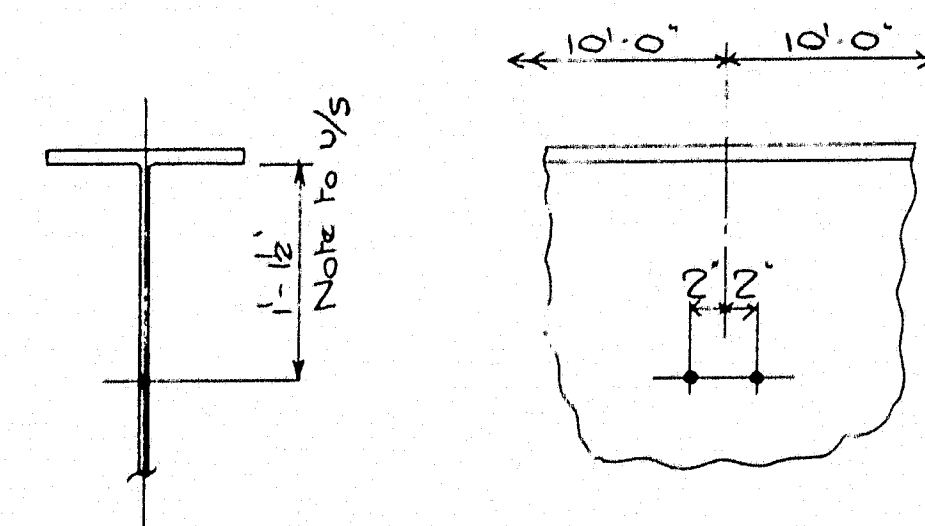
Splice Detail (Typ)

Notes.

All Stringers Are 36 WF 135.
Diaphragms Are Alternate Lines OF 16 WF 36
+ 15 C 33.9. Diaphragm Spacing Dimensions
Are To $\frac{1}{2}$ OF Beams + Back OF Channels.
For Erection Diagram OF Expansion Dams See Dwg 1061/1

General Notes.

Steel To A.S.T.M. Spec. A36.
Shop Connections:- Welded
Field Connections:- Welded + HT. Bolts.
Shop Paint:- Red Lead + Oil As Per Specs.
Erection:- By Others
Anchor Bolts:- Supplied By A.I.W.- Set By Others.

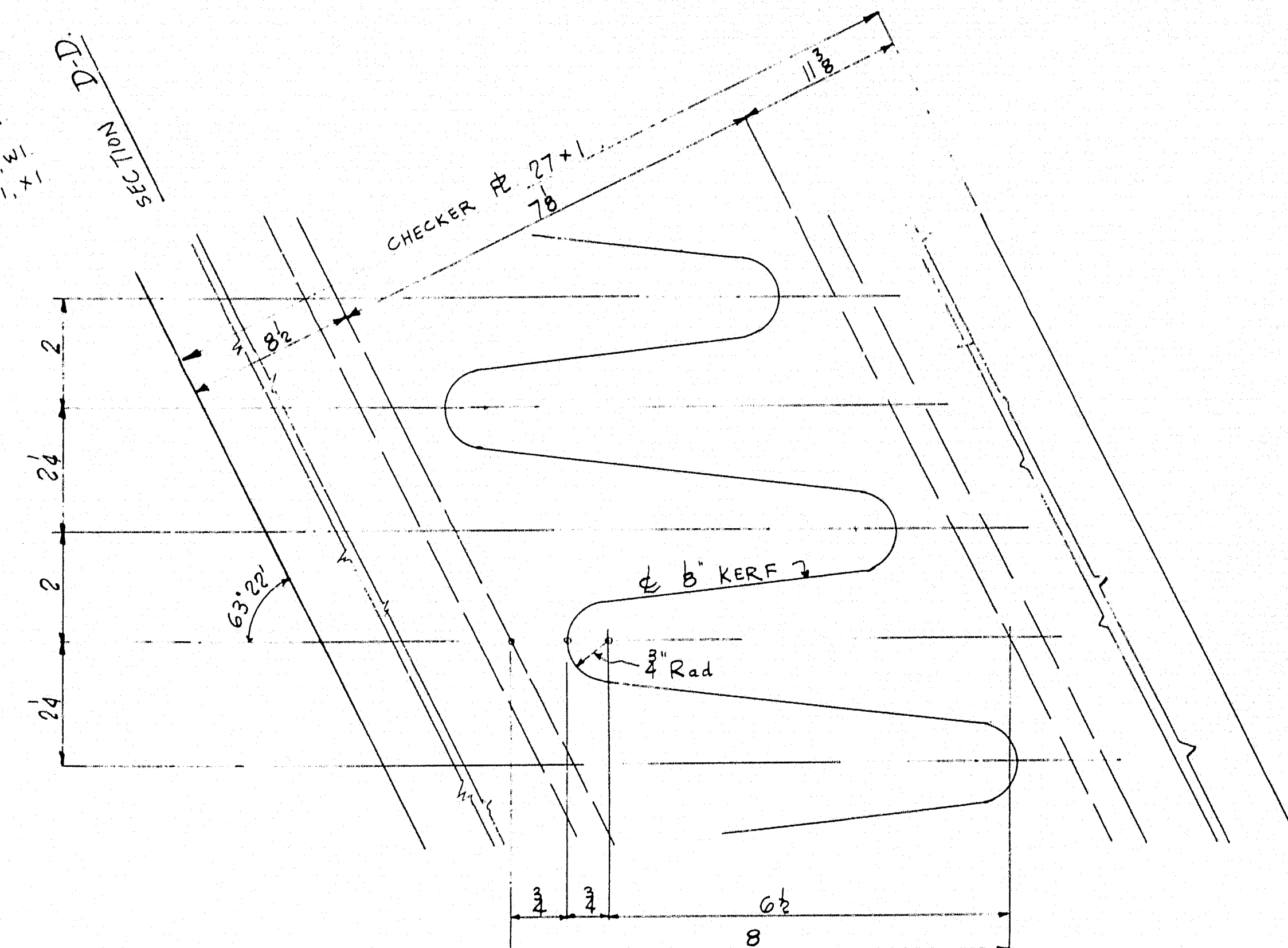


Section Thru Outside Stringers Showing
Holes Req'd. For Fleming Brackets
Note: Holes Must Be Filled On Finished
Job So As To Present A Smooth Surface
On The Exterior Face OF Web.
Carriage Bolts Would Be Permissible.

REVISIONS	DESCRIPTION	DATE
A	Drawn	28 Aug 63
B	Checked	DATE
C	By	DATE
D	By	DATE
E	By	DATE
F	By	DATE
G	By	DATE
H	By	DATE
J	By	DATE

JOB:		Drawn	28 Aug 63
Shakeroot Road Bridge		Checked	DATE
Pittsfield - Somerset County.		By	DATE
(State Highway Commission)		By	DATE
CUSTOMER: Norman E. Jackson.		SHEET	E1
AUGUSTA IRON WORKS		ORDER	1061
AUGUSTA, MAINE			

87-202 A



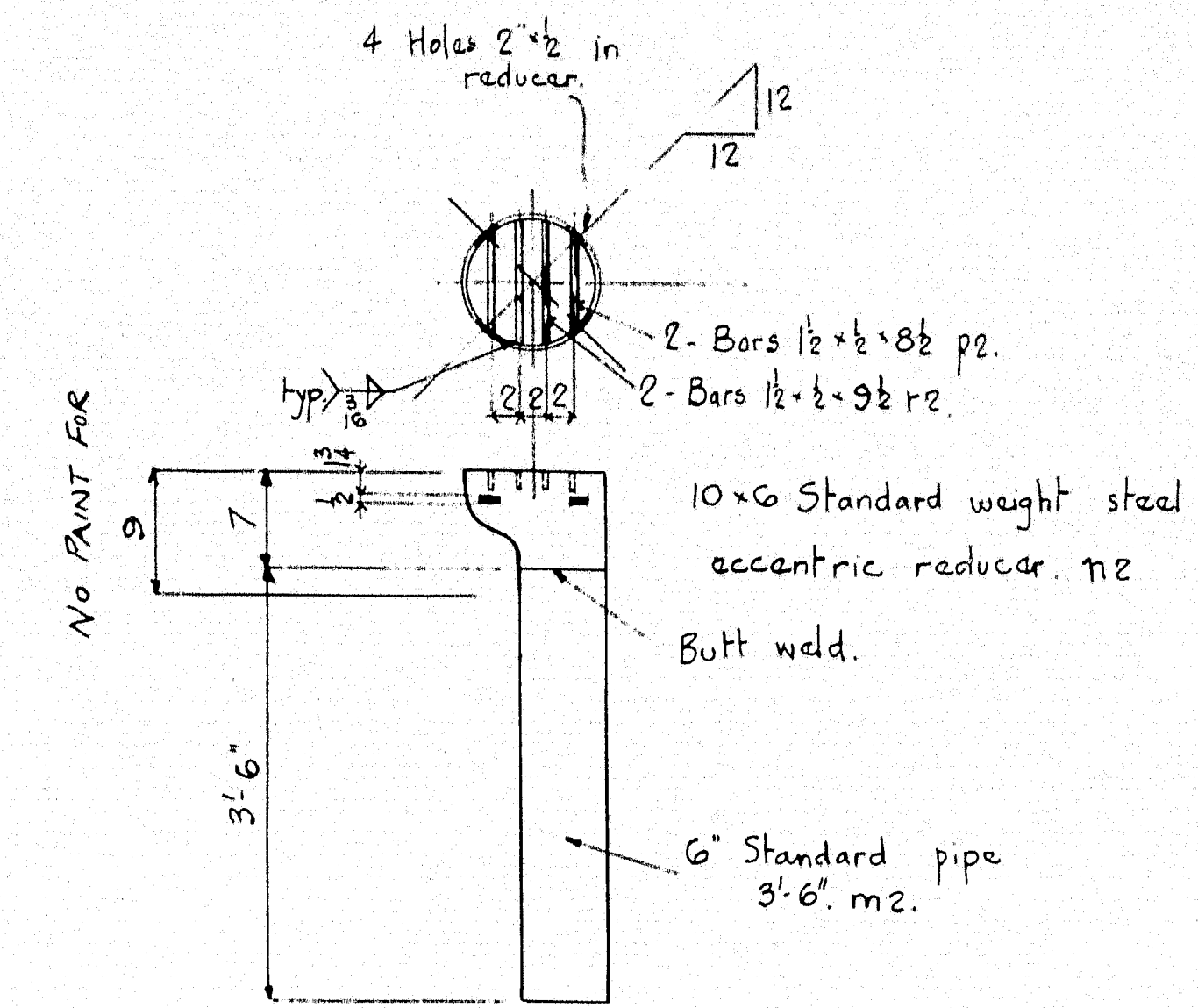
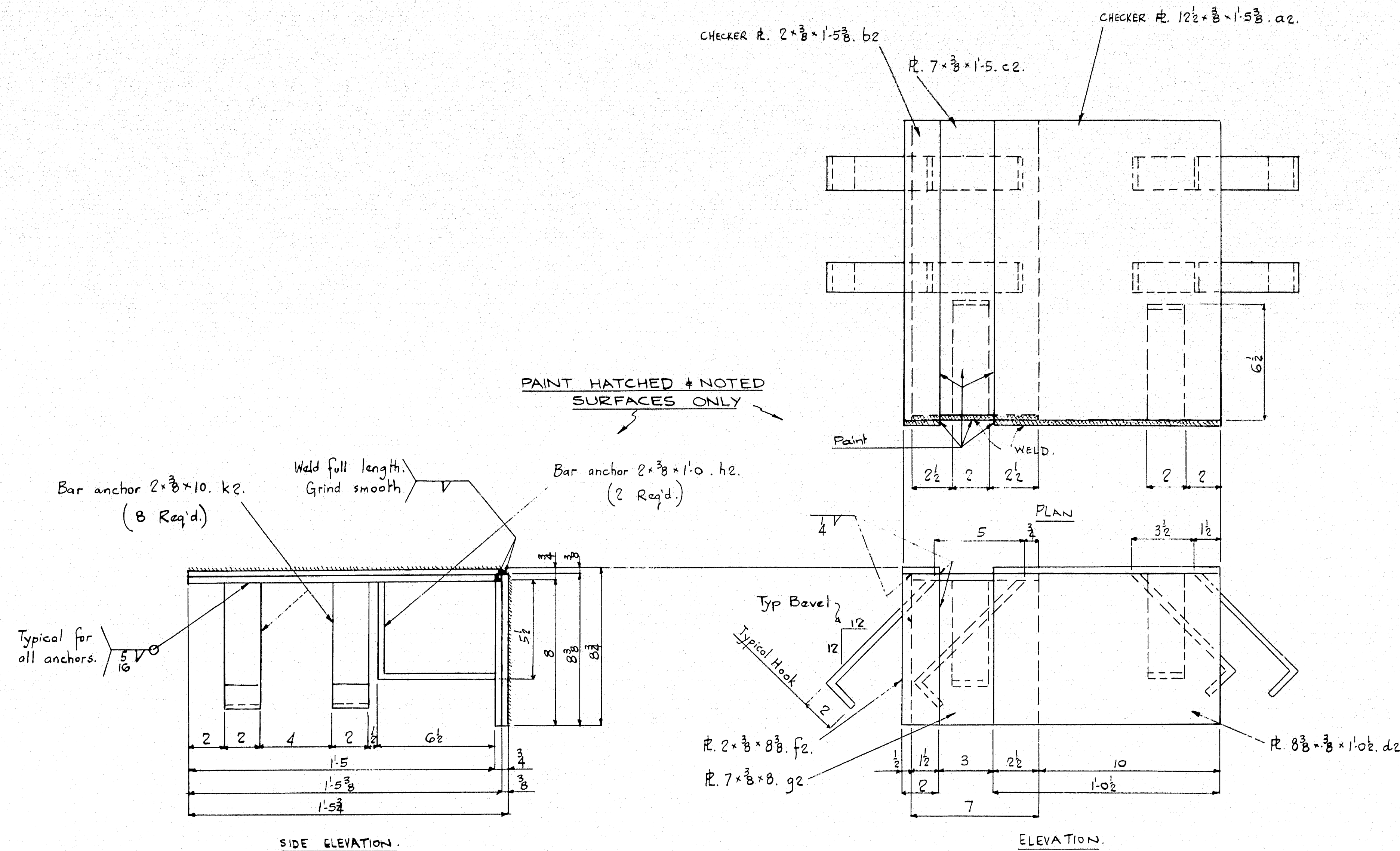
ABUTMENT 1.

ABUTMENT 2.

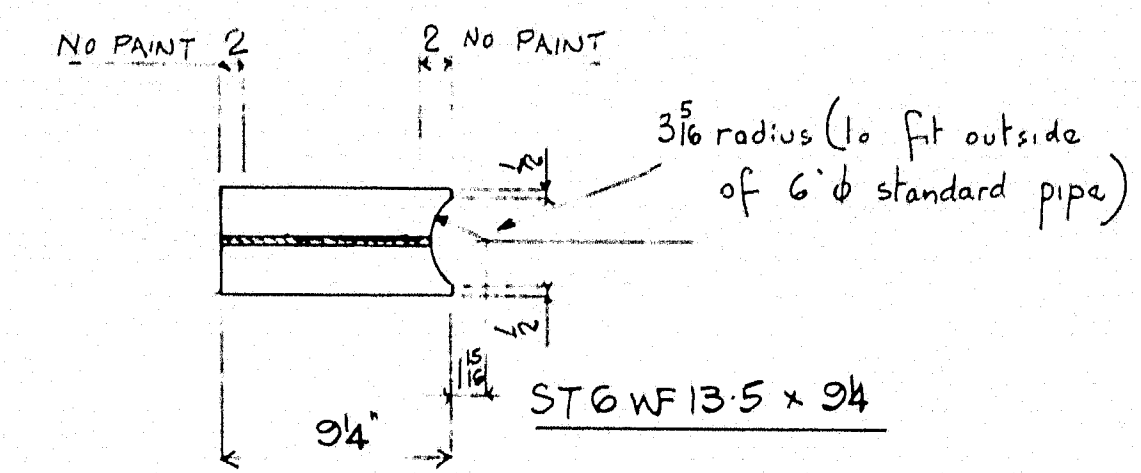
KEY PLAN.

REVISIONS	DESCRIPTION	EXPANSION DAM (PAVEMENT)	
A	JOB:	DRAWN BY	DATE
B	SNAKEROOT ROAD BRIDGE.	RWS	AUG. 29
C	PITTSFIELD-SOMERSET COUNTY	CHECKED BY	DATE
D	(STATE HIGHWAY COMMISSION).	356	3 Sep
E	CUSTOMER:	SHEET	1
F	NORMAN E. JACKSON	ORDER	1061
G	AUGUSTA IRON WORKS		
H	AUGUSTA, MAINE		
J			

ONE EXPANSION DAM REQ^D AS NOTED - MARK A1, C1, E1 & G1 (FOR ABUTMENT 1.)
ONE EXPANSION DAM REQ^D AS NOTED - MARK B1, D1, F1 & H1 (FOR ABUTMENT 2.)



38 DRAINS REQ'D THUS. MARK C2.



38 DRAIN SPACERS REQ'D - MARK D2.

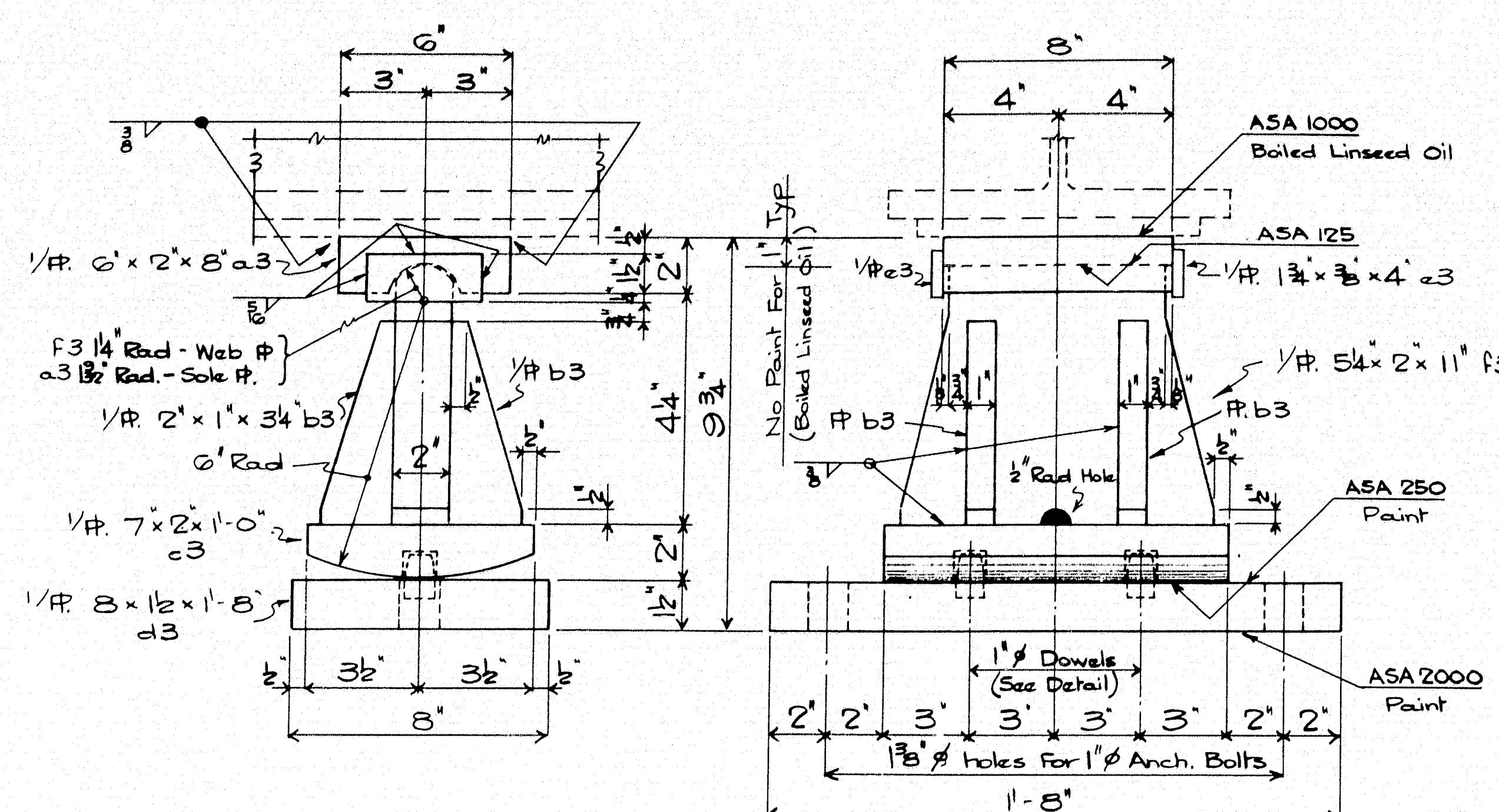
2 EXPANSION DAMS REQ'D AS DRAWN. MARK A2.
 2 EXPANSION DAMS REQ'D TO OPP HAND. MARK B2.
 (FOR LOCATION SEE DRG 1001/1.)

BUNDLE FOR DELIVERY
 THE 2 PIECES WHICH
 MAKE UP EACH ASSEMBLY.

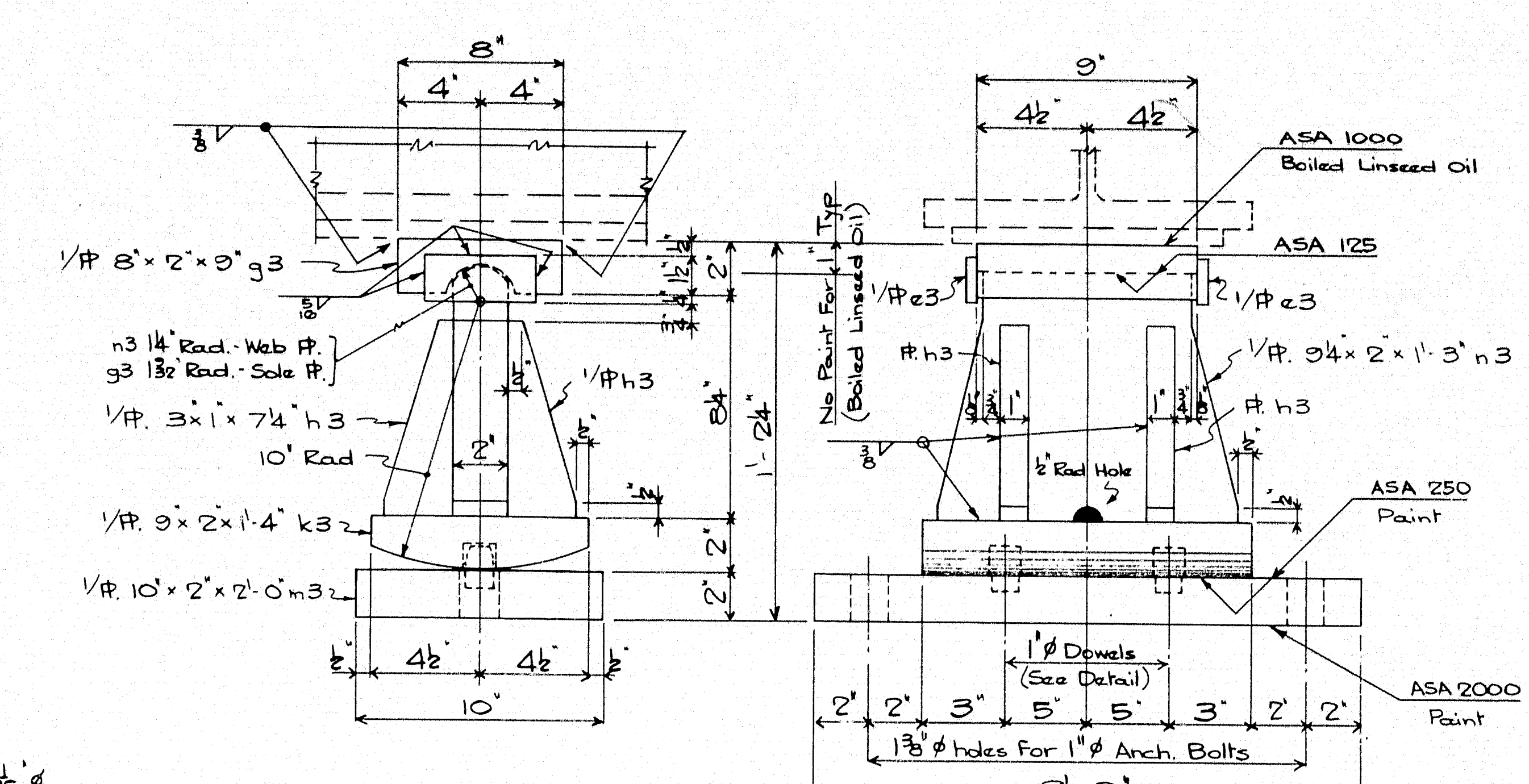
PAINT: RED LEAD & OIL AS PER SPECS.
 (WHERE NOTED)

REVISIONS	DESCRIPTION: EXPANSION DAMS (SIDEWALK) & DRAINS.	DRAWN BY	DATE
A	JOB: SNAKEROOT ROAD BRIDGE	RWS	AUG 30 / 63
B	PITTSFIELD - SOMERSET COUNTY,	CHECKED BY	DATE
C	(STATE HIGHWAY COMMISSION)	DWG	SEP 1 / 63
D	CUSTOMER: NORMAN E. JACKSON.	SHEET	2
E		ORDER	1061
F			
G			
H			
J			

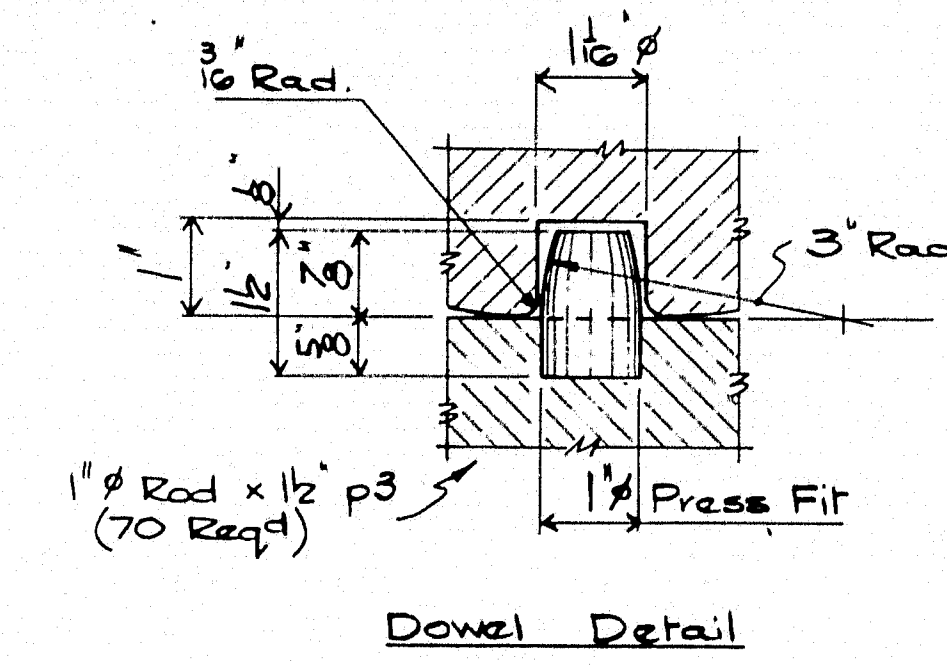
87-202 C



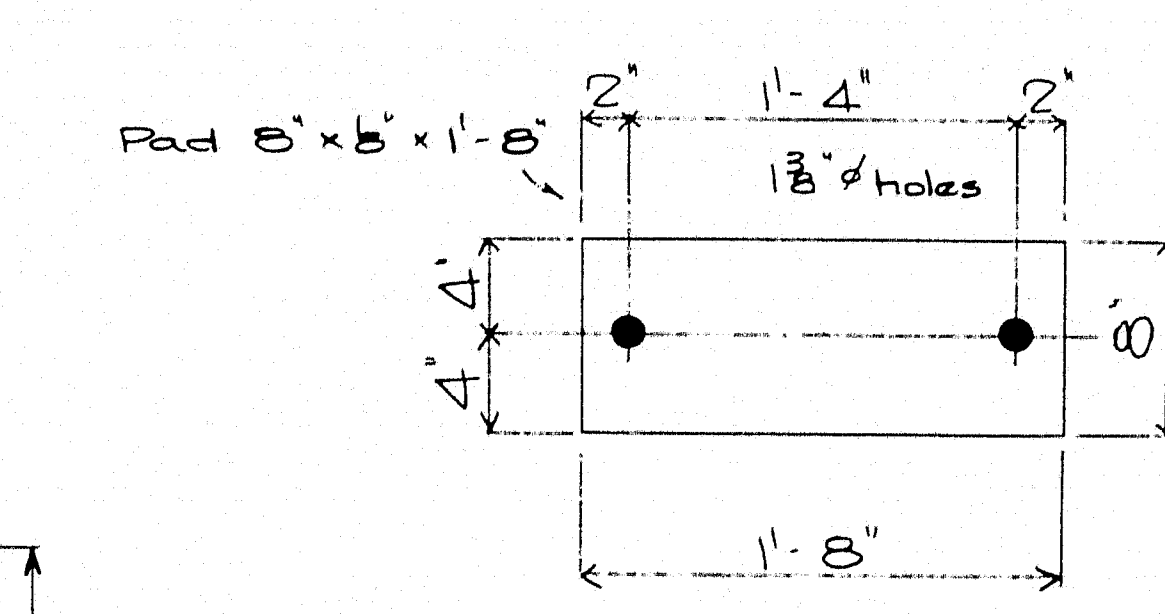
10 EXPANSION BEARINGS REQ'D MARK EPC 1



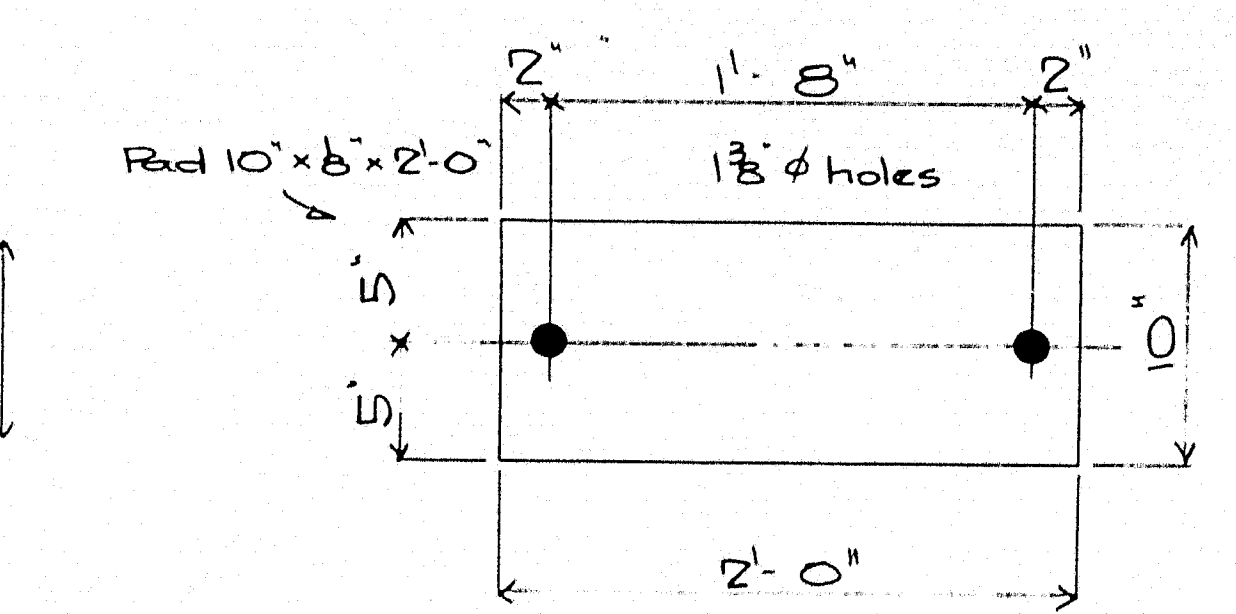
25 EXPANSION BEARINGS REQ'D MARK EPC 5



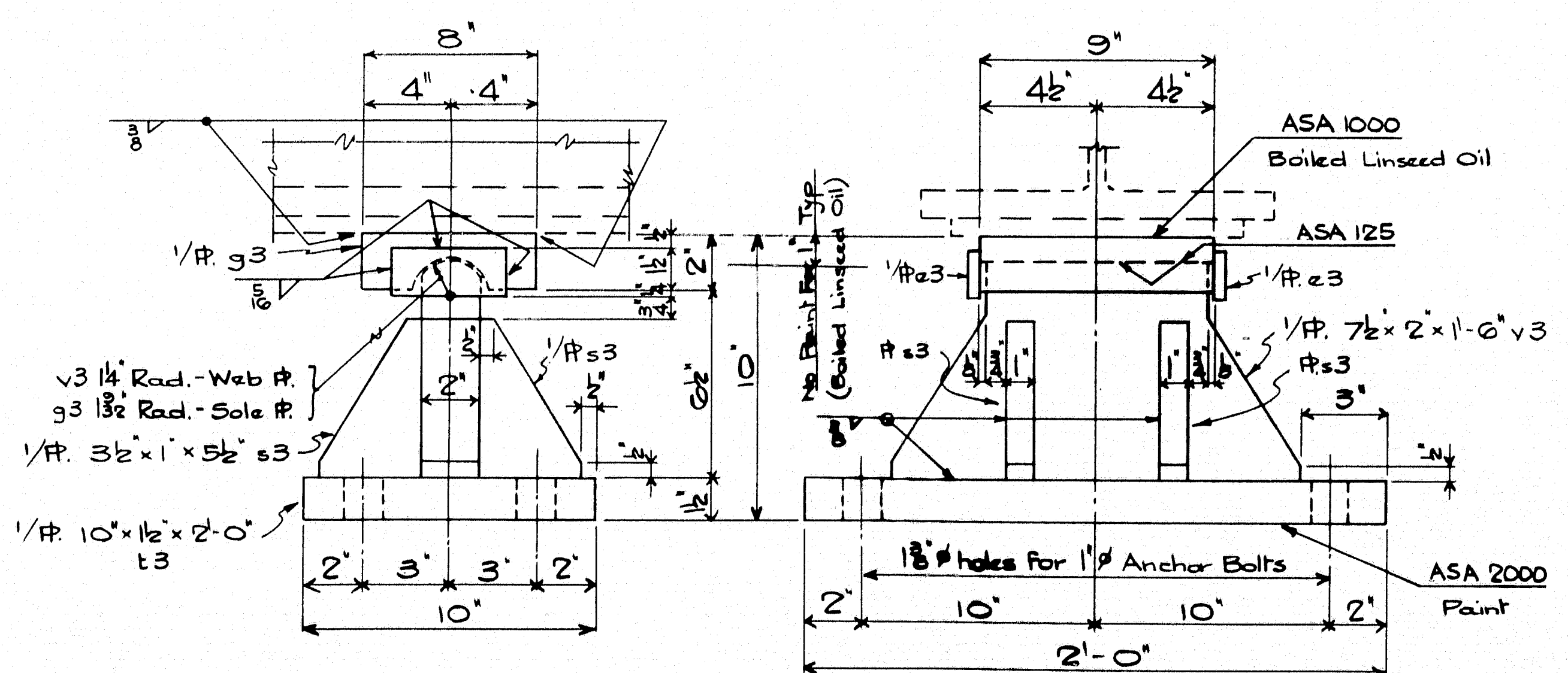
Dowel Detail



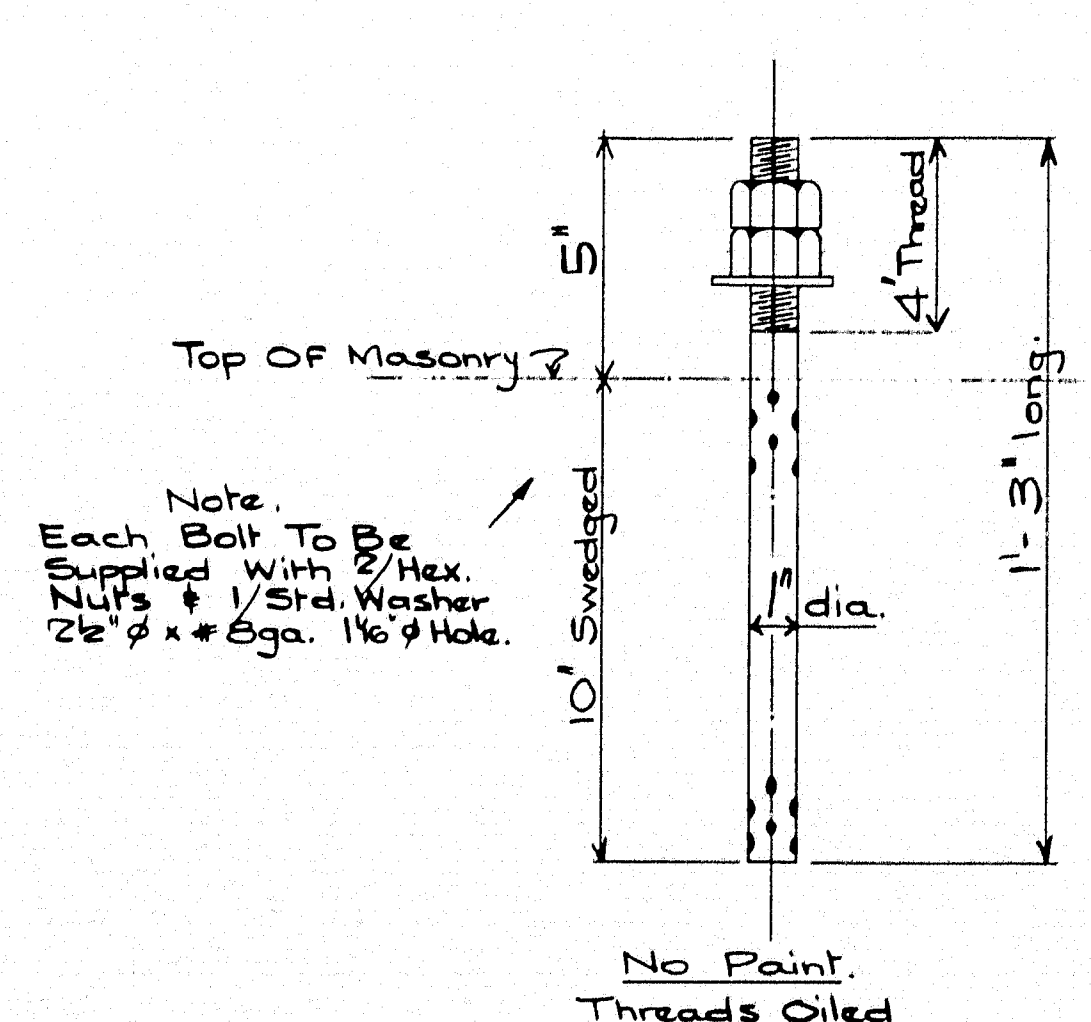
10 PREFORMED PADS REQ'D (For Bearings EPC1)



25 PREFORMED PADS REQ'D (For Bearings EPC5)

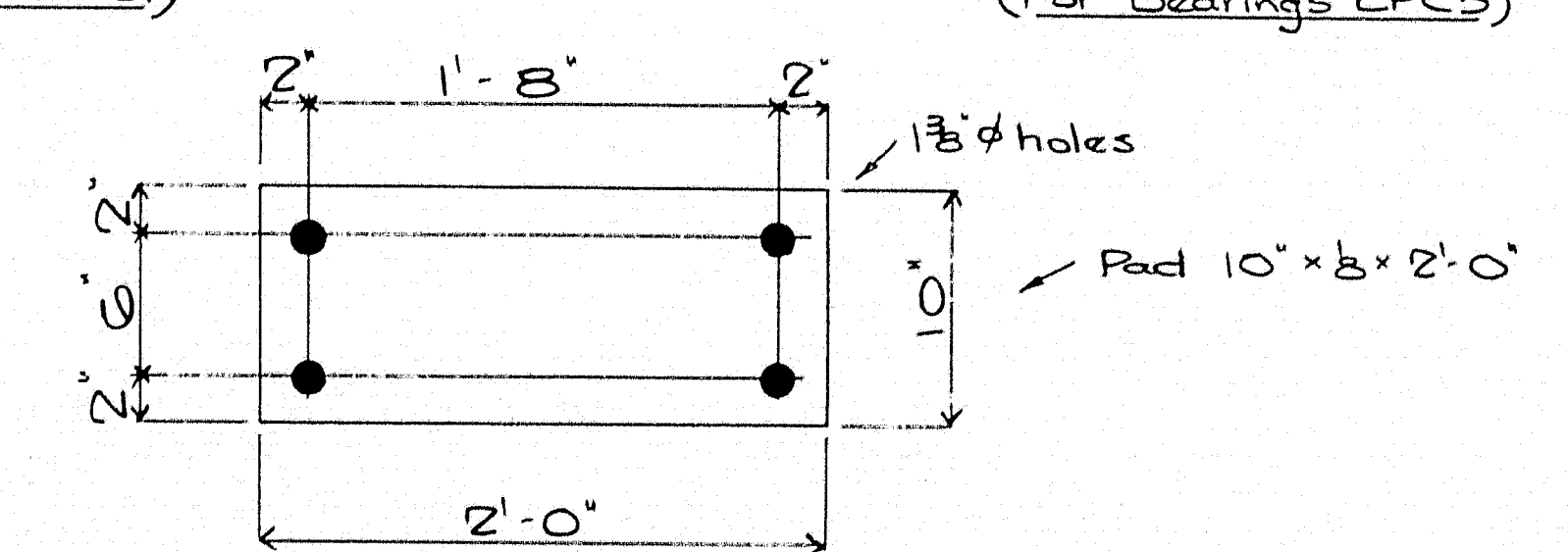


5 FIXED BEARINGS REQ'D MARK FPC 3



30 ANCHOR BOLTS REQ'D THUS:
20 For Bearings EPC1
50 do do EPC5
20 do do FPC3

Shop Note
Preformed Pads Are Of Rubber Composition



5 PREFORMED PADS REQ'D (For Bearings FPC3)

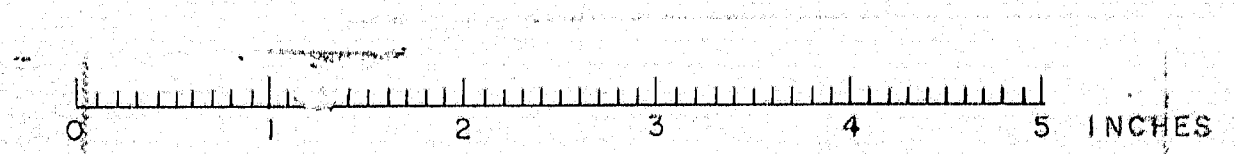
Paint:-
Red Lead & Oil As Per Specs. On Unfinished Surfaces OF Bearings & As Noted.
Finished Surfaces ASA125 To Be Coated With White Lead & Tallow.

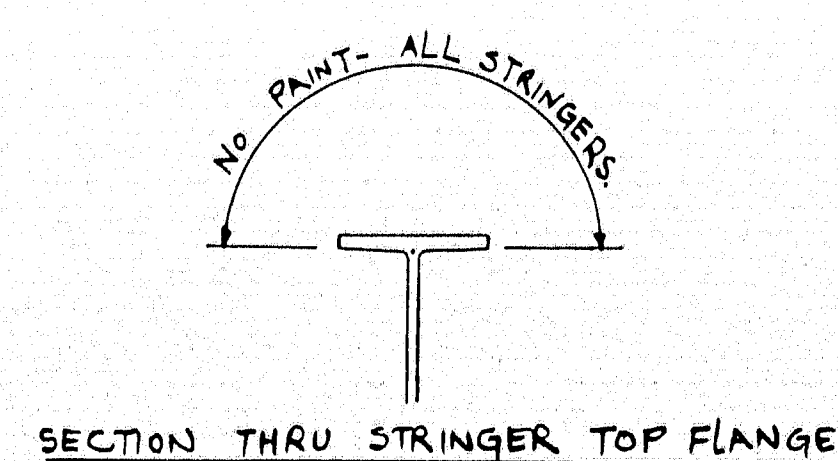
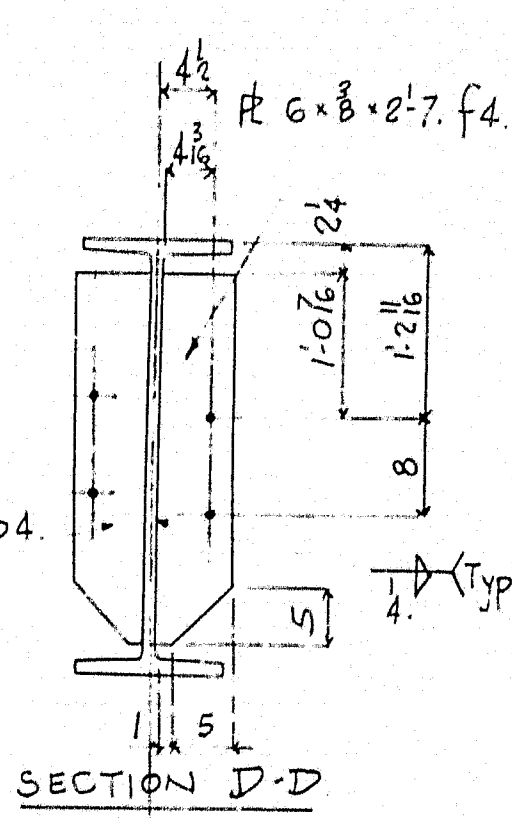
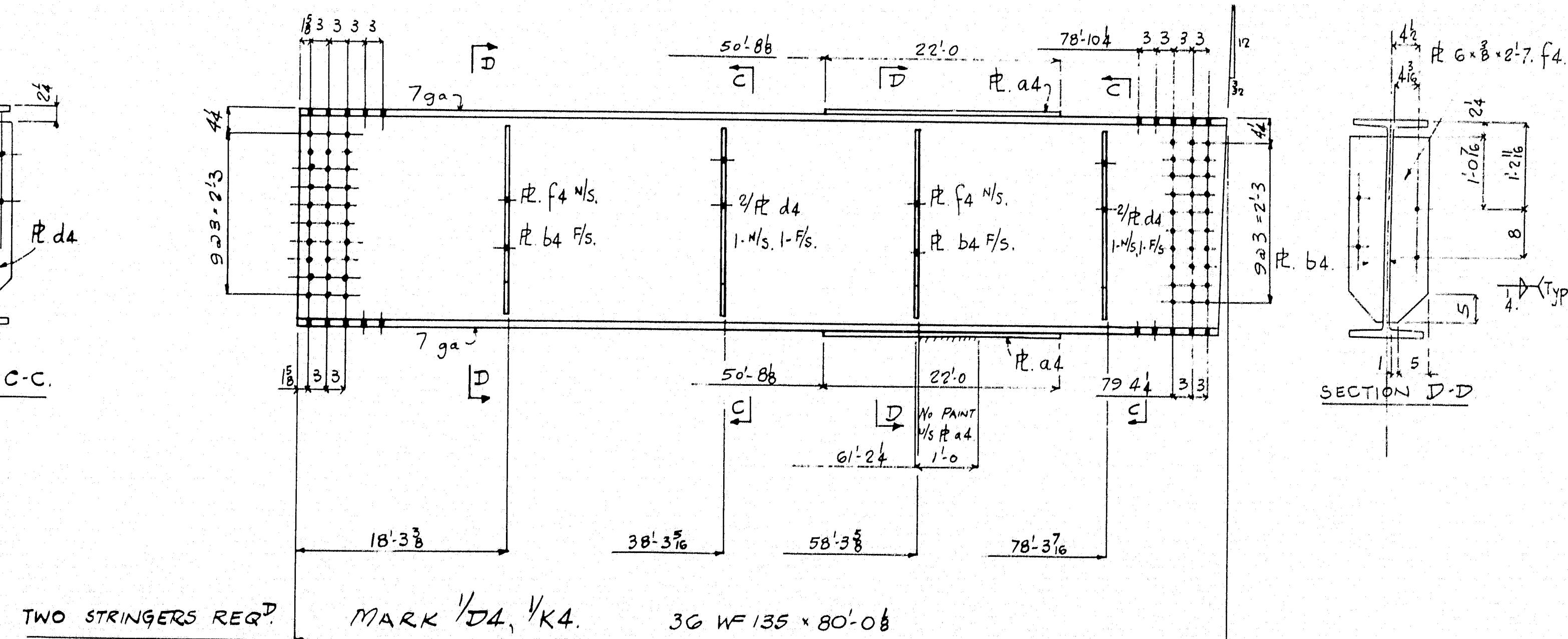
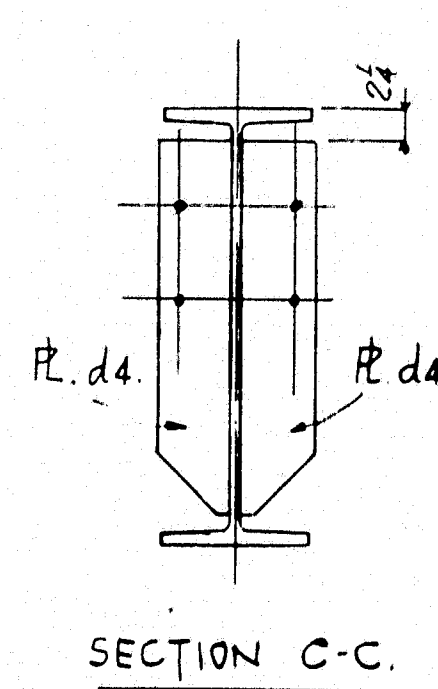
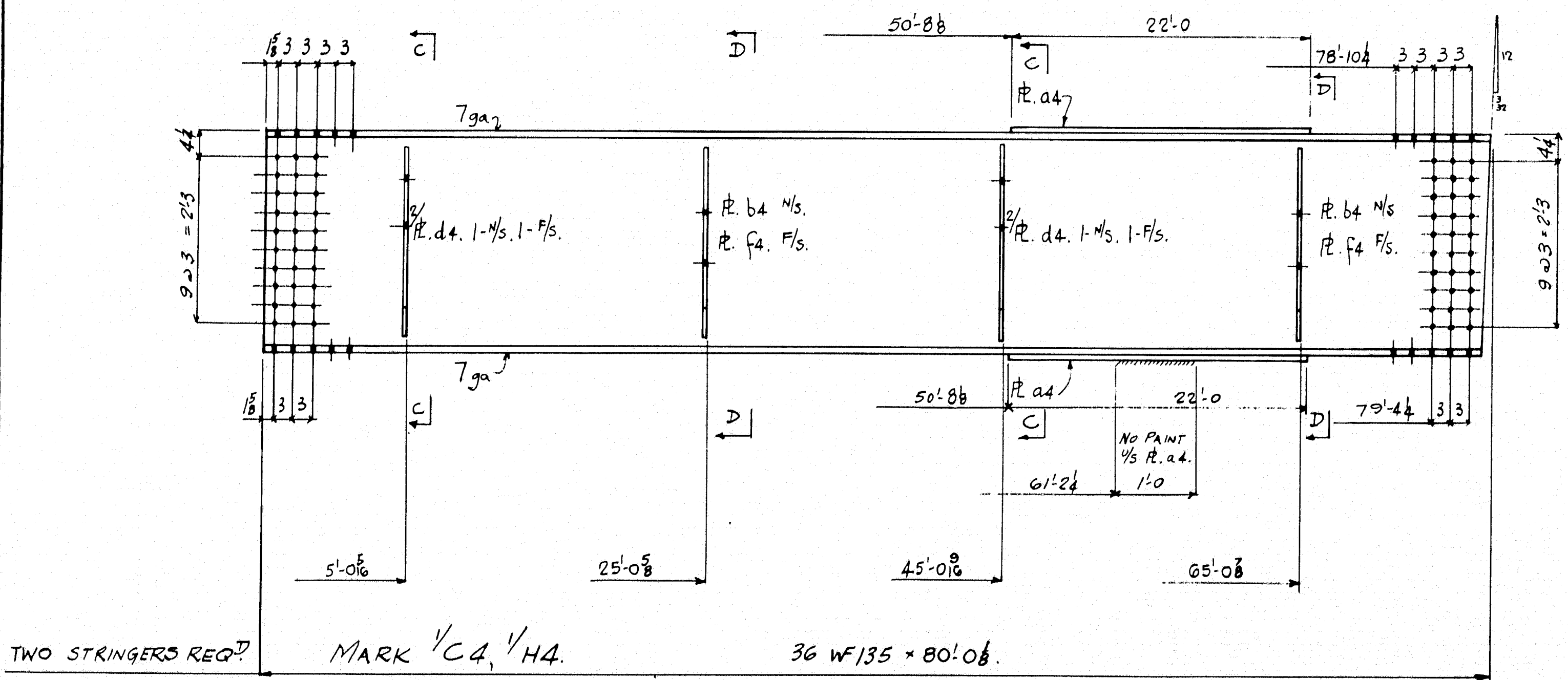
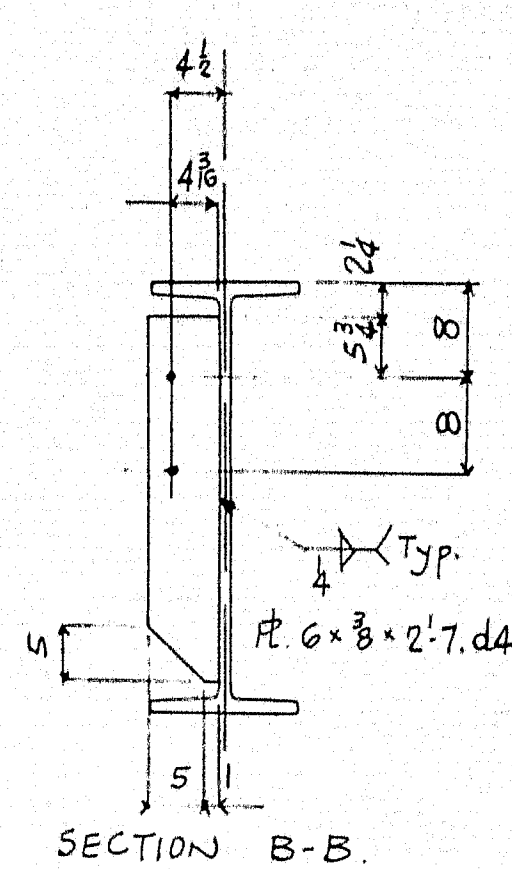
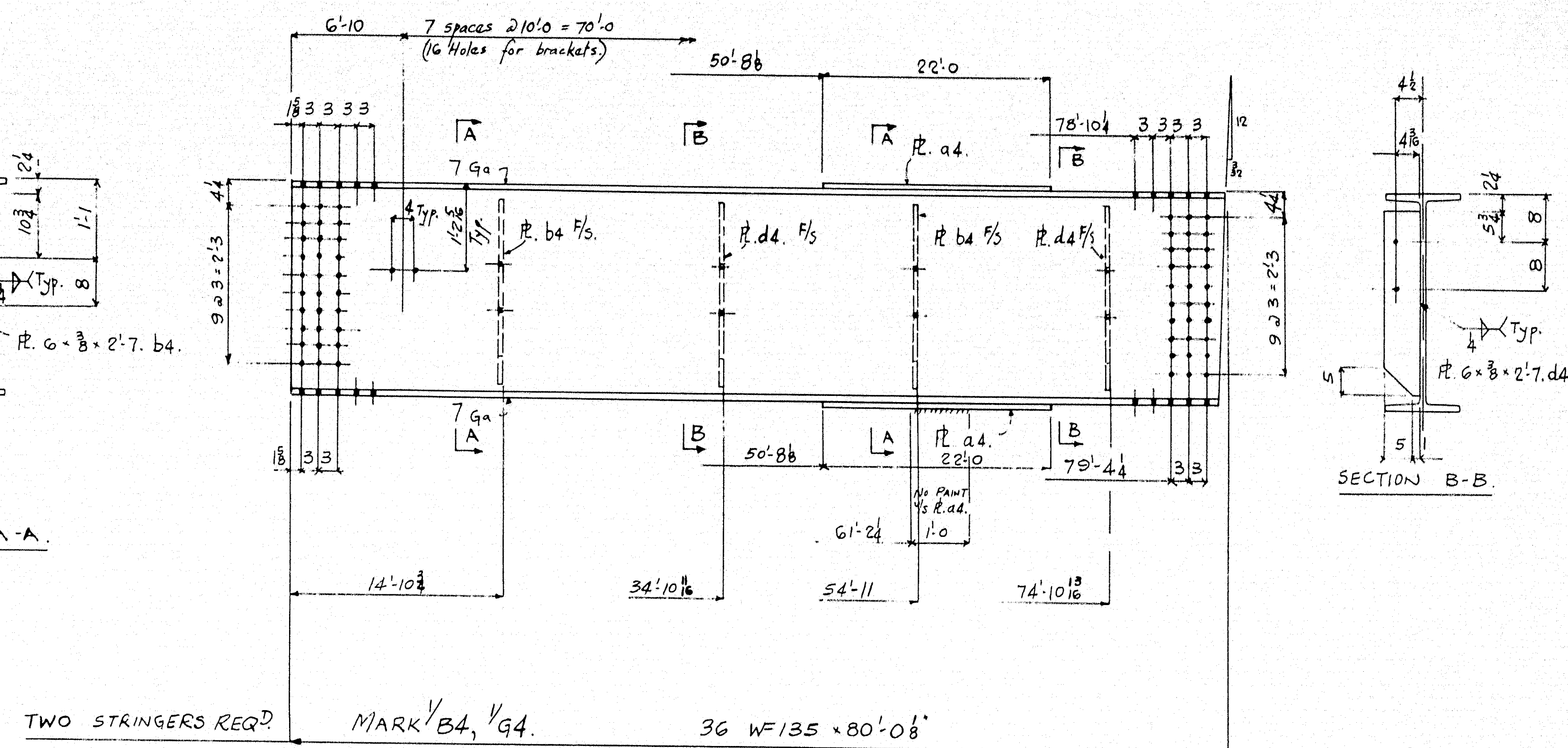
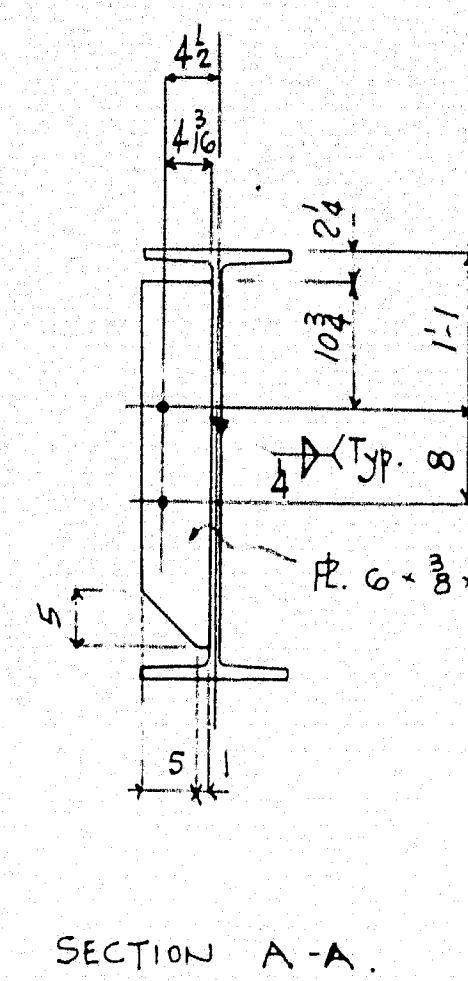
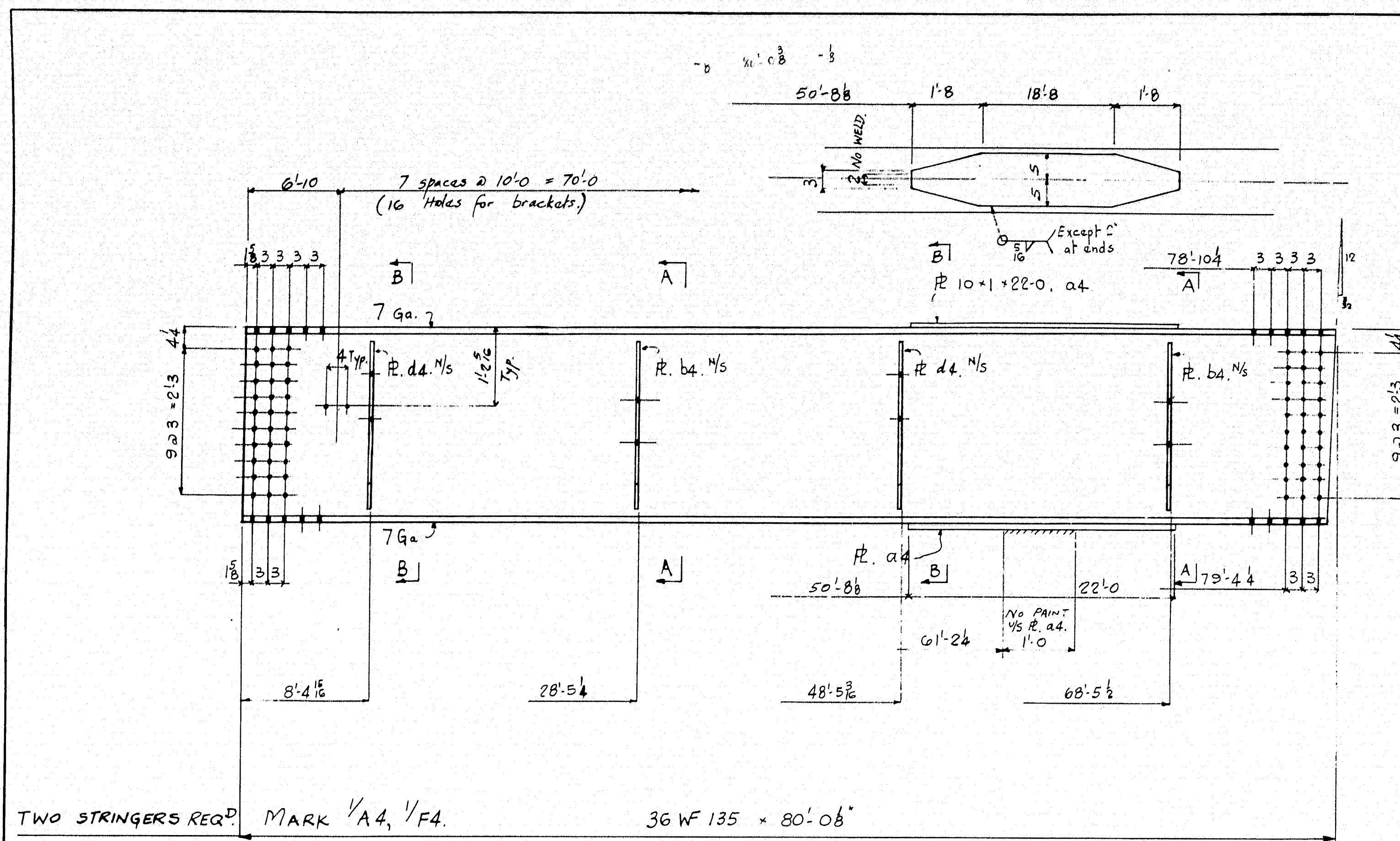
REVISIONS	DESCRIPTION	Bearings & Anchor Bolts
A	JOB:	
B		Shakeroot Road Bridge
C		Pittsfield - Somerset County (State Highway Commission)
D		
E		
F		
G		
H		
J		

CUSTOMER:	Norman E. Jackson
AUGUSTA IRON WORKS AUGUSTA, MAINE	

DRAWN BY	DATE
29 Aug 63	
CHECKED BY	DATE
29 Aug 63	
SHEET	3
ORDER	1061

87-202 D





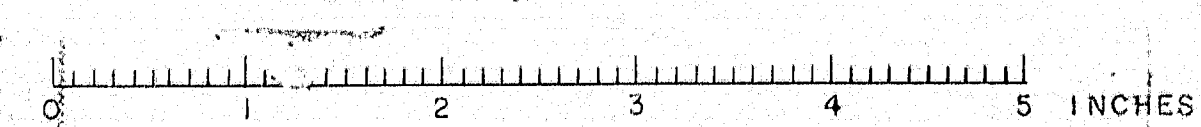
P.A.I.N.T.
ONE COAT RED LEAD & OIL AS
PER SPECS. EXCEPT AS NOTED.
NOTE! ALL FIN PLATES UNPAINTED.
NO PAINT TO BE APPLIED WITHIN
2' OF OPEN HOLES FOR SPLICES.

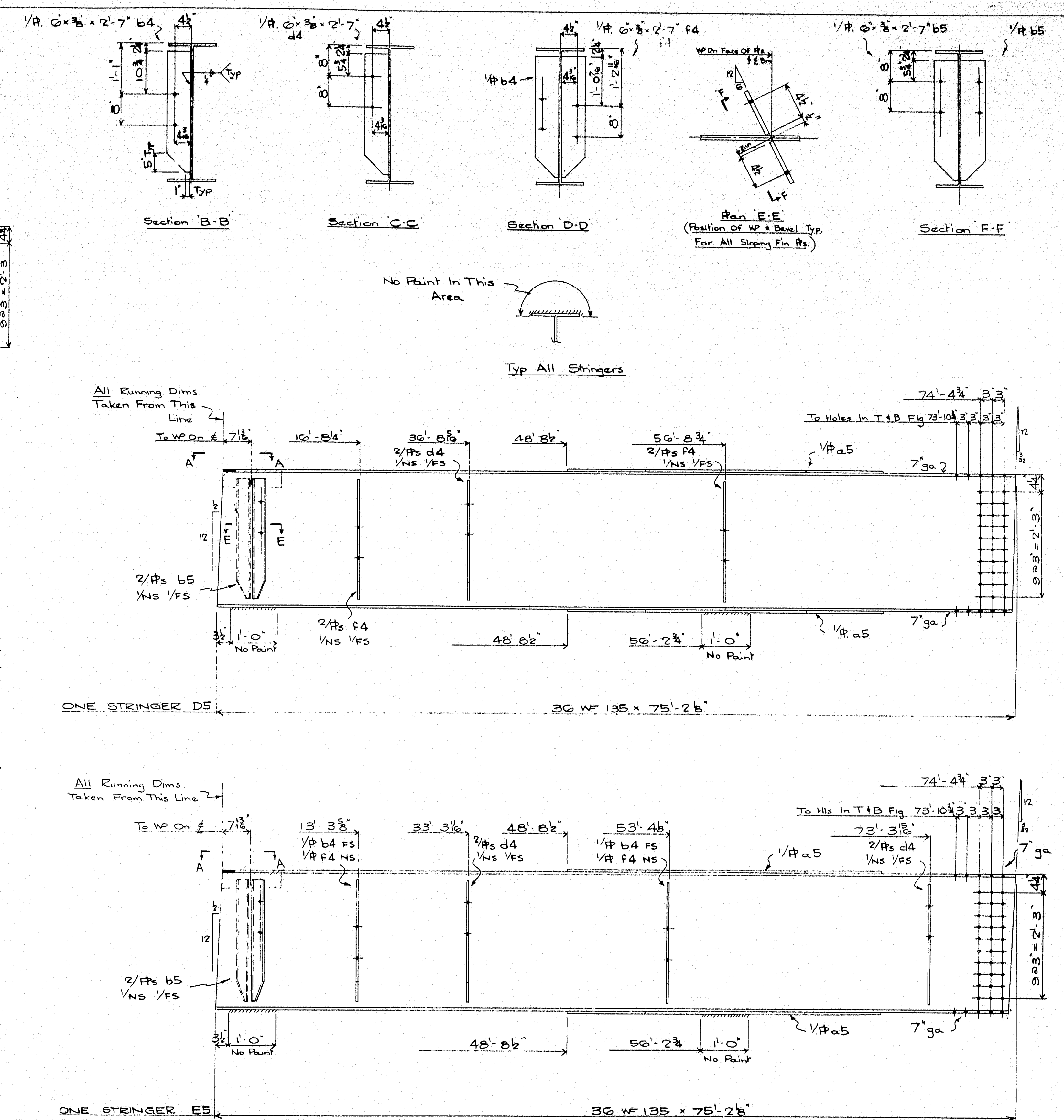
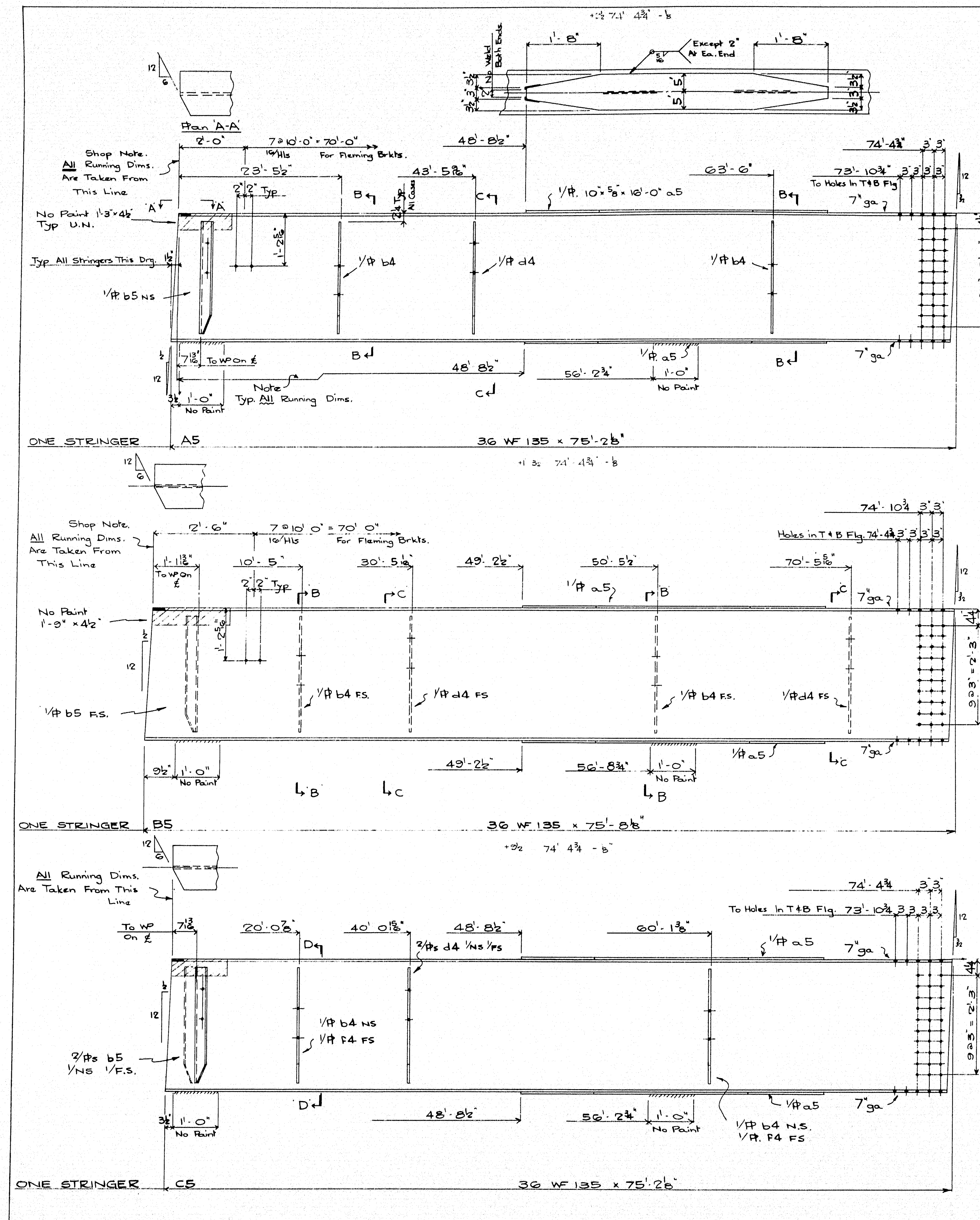
HOLES 1/8" ϕ .
ALL SPLICES TO BE MATCH
MARKED - SEE DRG. SHEET X.

REVISIONS	DESCRIPTION	DATE
A	SNAKEROOT ROAD BRIDGE.	
B	PITTSFIELD - SOMERSET COUNTY.	
C	(STATE HIGHWAY COMMISSION.)	
D	CUSTOMER: NORMAN E. JACKSON.	
E	AUGUSTA IRON WORKS	
F	AUGUSTA, MAINE	
G		
H		
J		

DRAWN BY	DATE
RWS	SEPT 10/63
CHECKED BY	DATE
RWS	15 Sep 63
SHEET	4
ORDER	1061.

87-202 E





Paint:
One Shop Coat Red Lead & Oil As
Per Specs. Except Where Noted &
As Follows:-
1/ Fin Plates To Remain Unpainted.
2/ No Paint To Be Applied Within 2'
Of Open Holes For Splices.

Holes 1/8\"

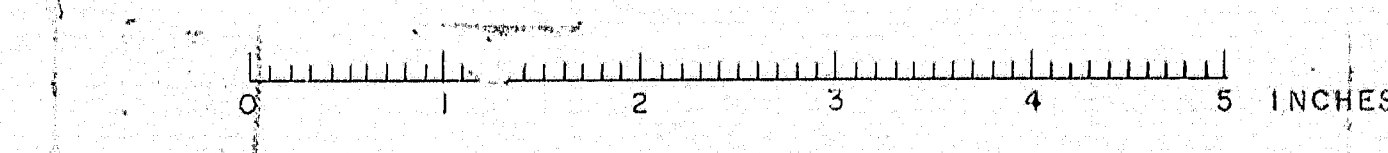
For Splice Pts. See Dwg 9

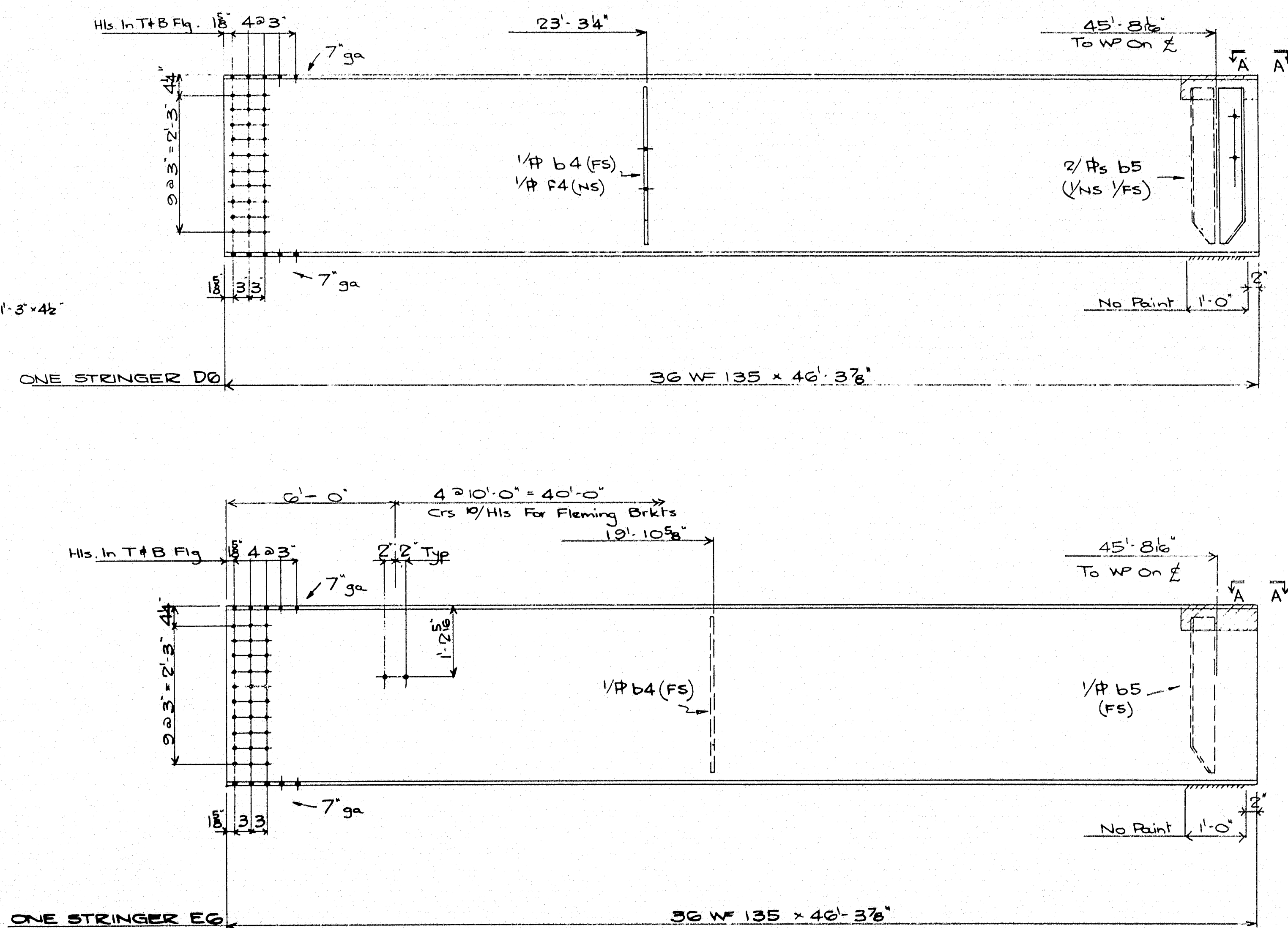
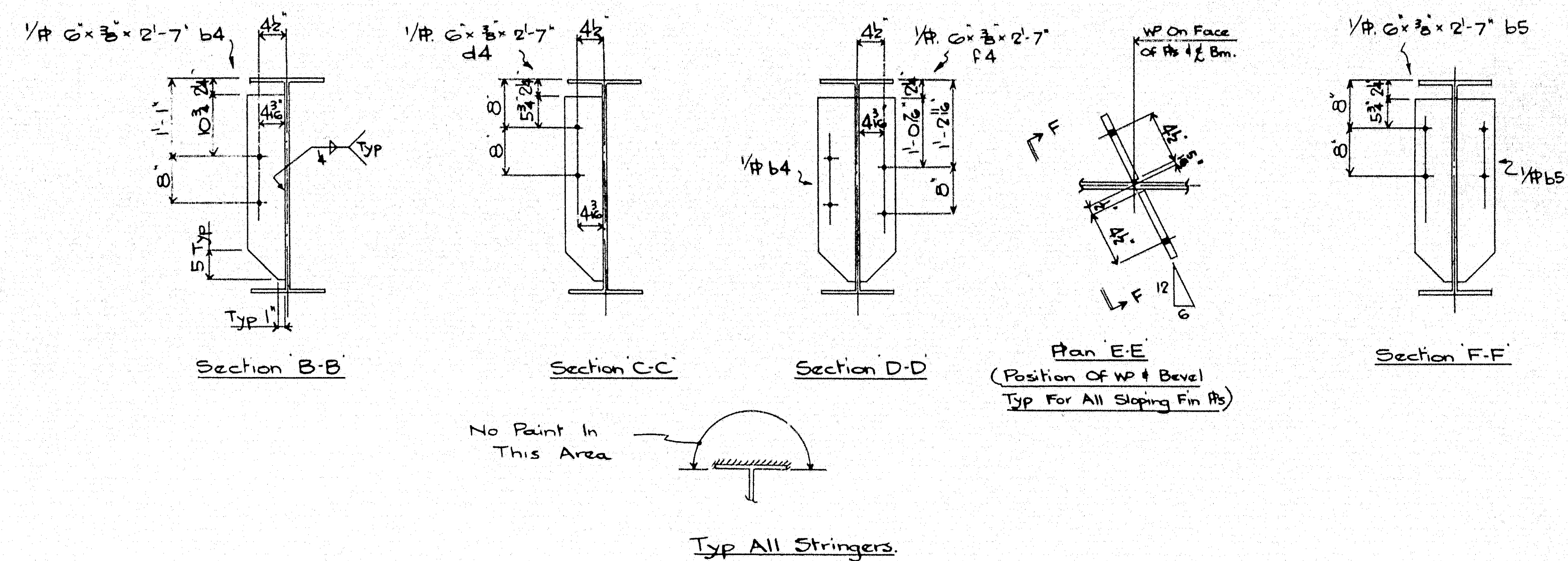
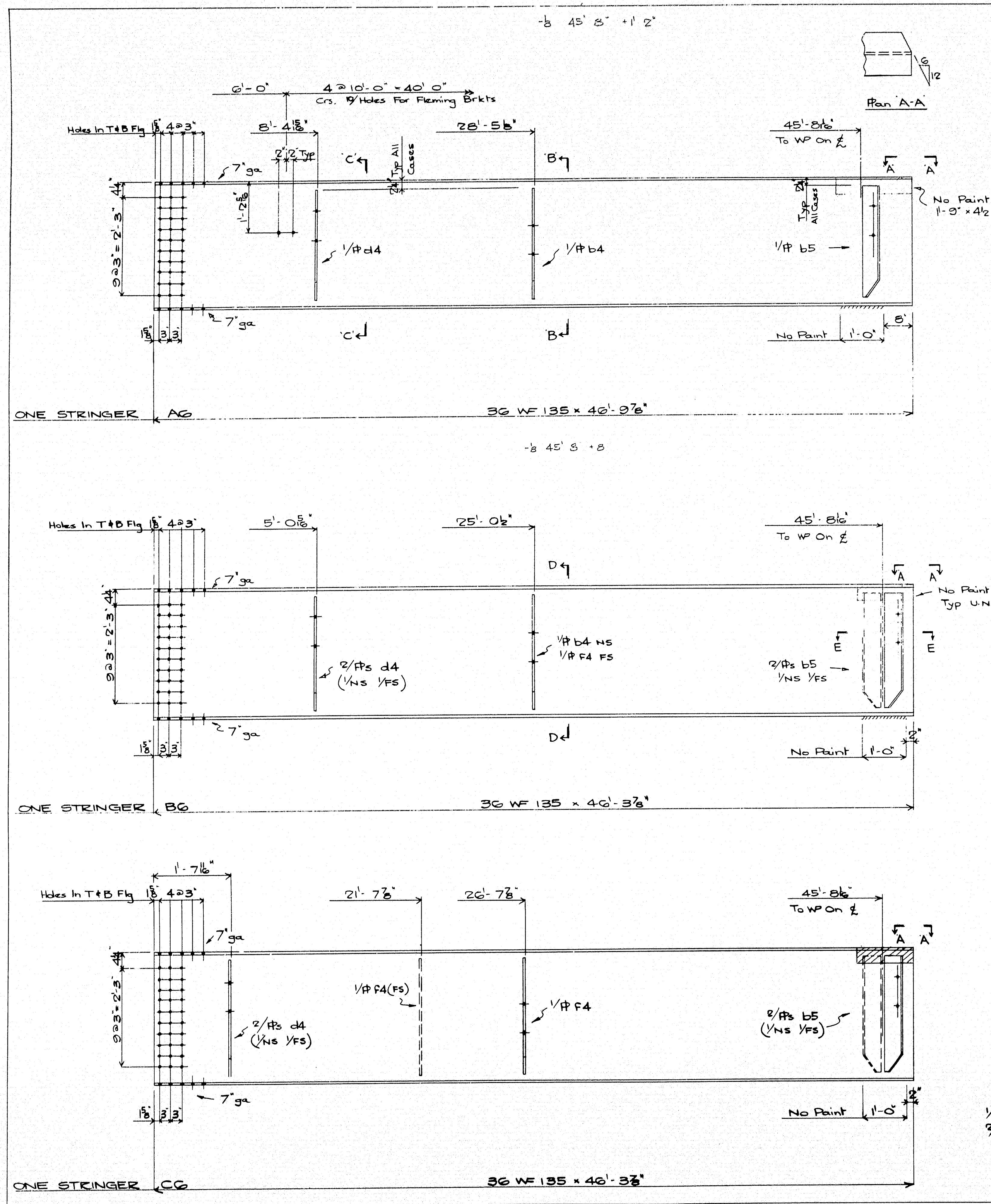
For Match Marking Etc.
Of Splice Pts. See Dwg X

REVISIONS	DESCRIPTION	Stringers
A	JOB:	
B	Snakeroot Road Bridge	
C	Pittsfield - Somerset County.	
D	(State Highway Commission)	
E	CUSTOMER: Norman E. Jackson.	
F	AUGUSTA IRON WORKS	
G	AUGUSTA, MAINE	
H		
J		

DRAWN BY BWS	DATE 10 Sept 63
CHECKED BY RWS	DATE SEPT 14/63
SHEET 5	ORDER 1061

87-202 F



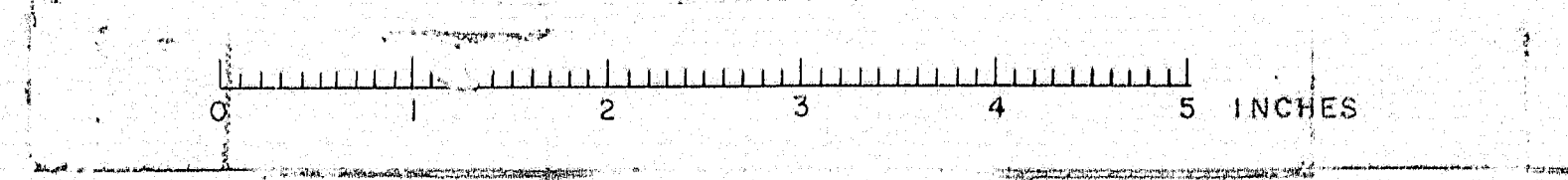


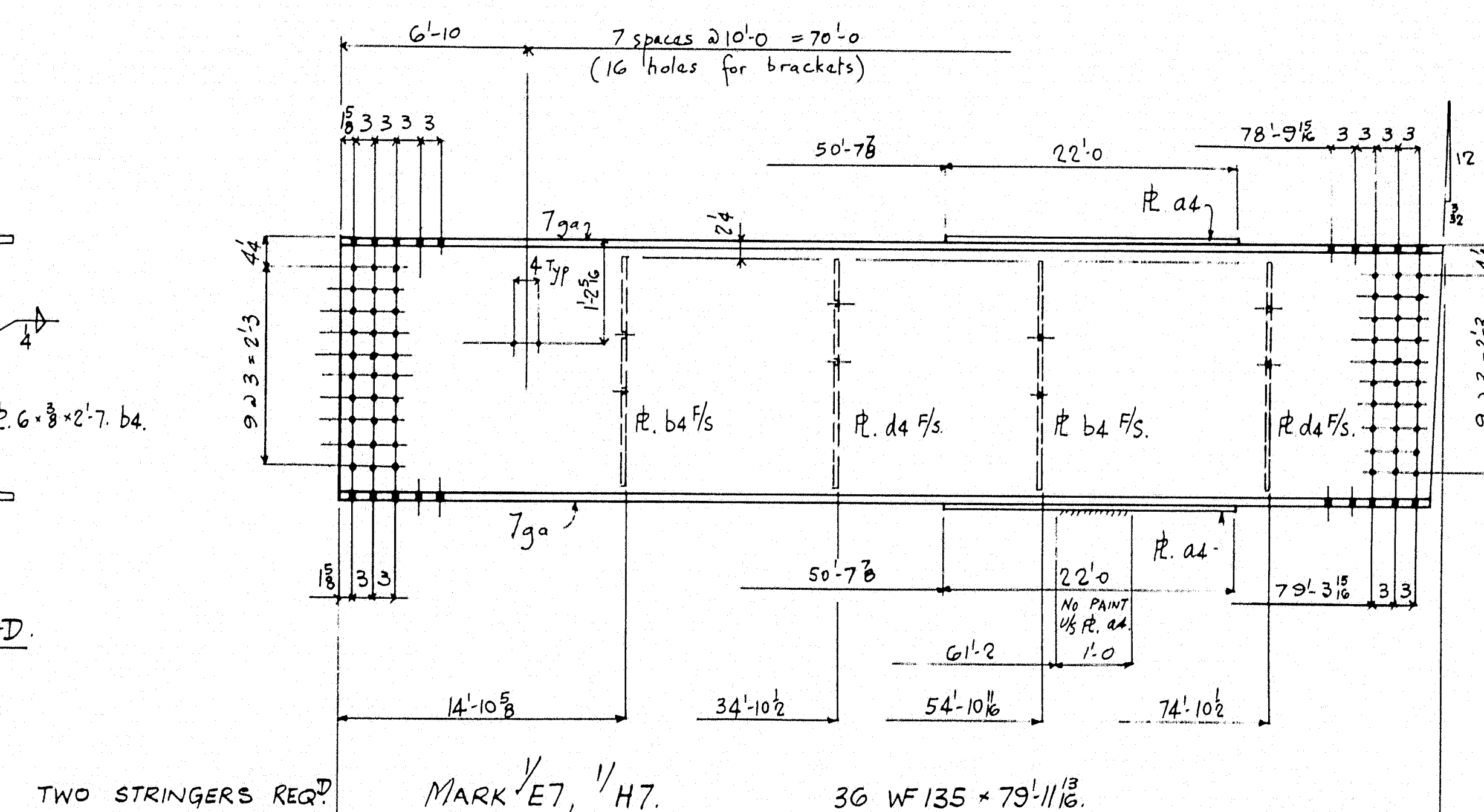
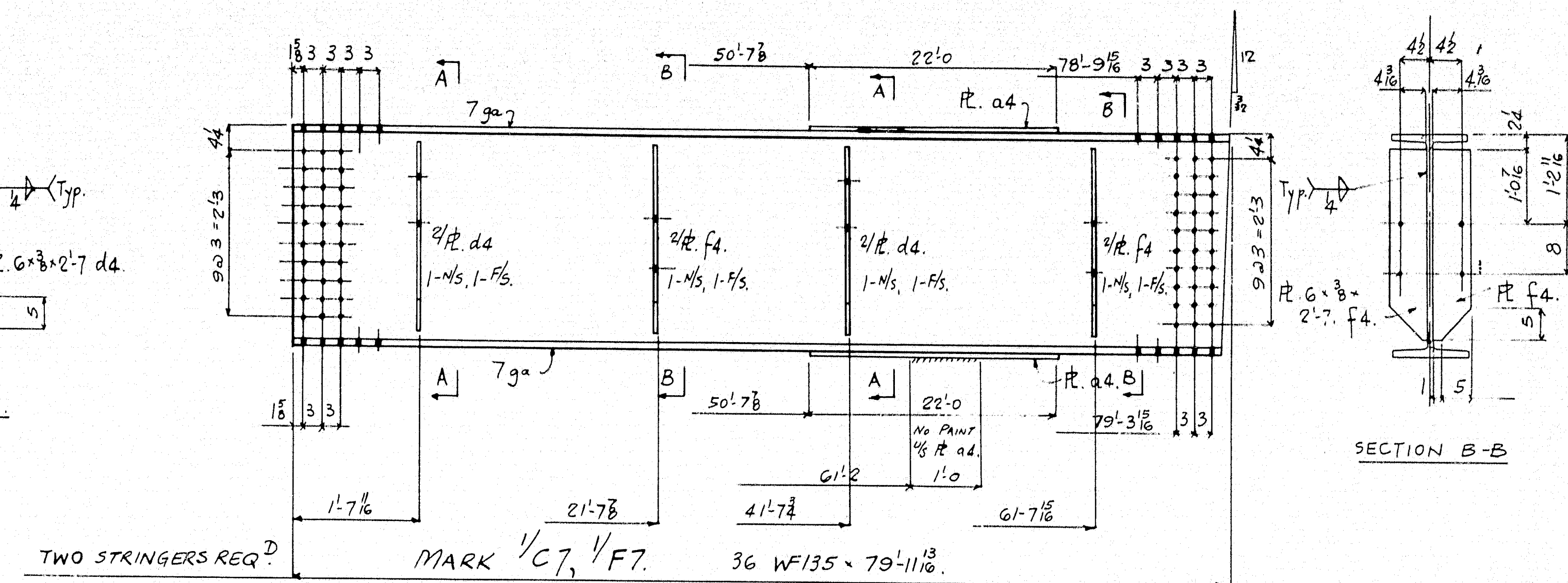
Paint:
One Shop Coat Red Lead & Oil As Per Specs.
Except Where Noted & As Follows:-
1/ Fin Flates To Remain Unpainted.
2/ No Paint To Be Applied Within 2' Of
Open Holes For Splices.

Holes 18" ϕ
For Splice Fls. See Drg. 2
For Match Marking Etc. Of
Splice Fls. See Drg. X

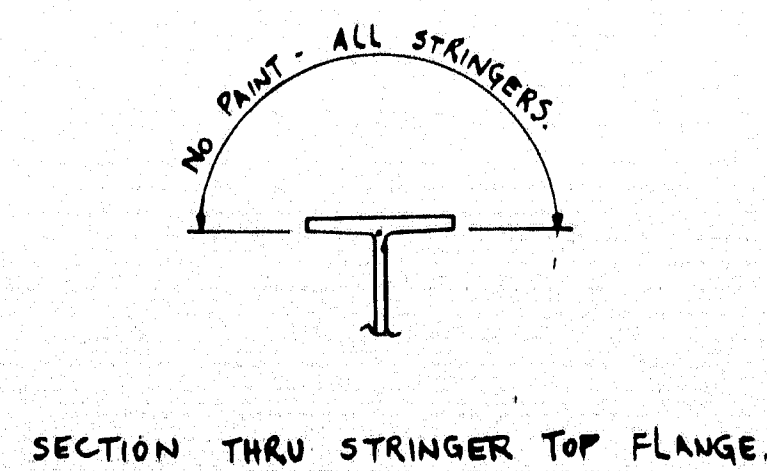
REVISIONS		DESCRIPTION		Stringers	
A		JOB:		DRAWN BY	DATE
B				QWg	11 Sept 63
C				CHECKED BY	DATE
D				RWS	SEPT 15 / 63
E				SHEET	6
F		CUSTOMER:	Norman E. Jackson		
G					
H					
J					
AUGUSTA IRON WORKS AUGUSTA, MAINE				ORDER	1061

87-202 G

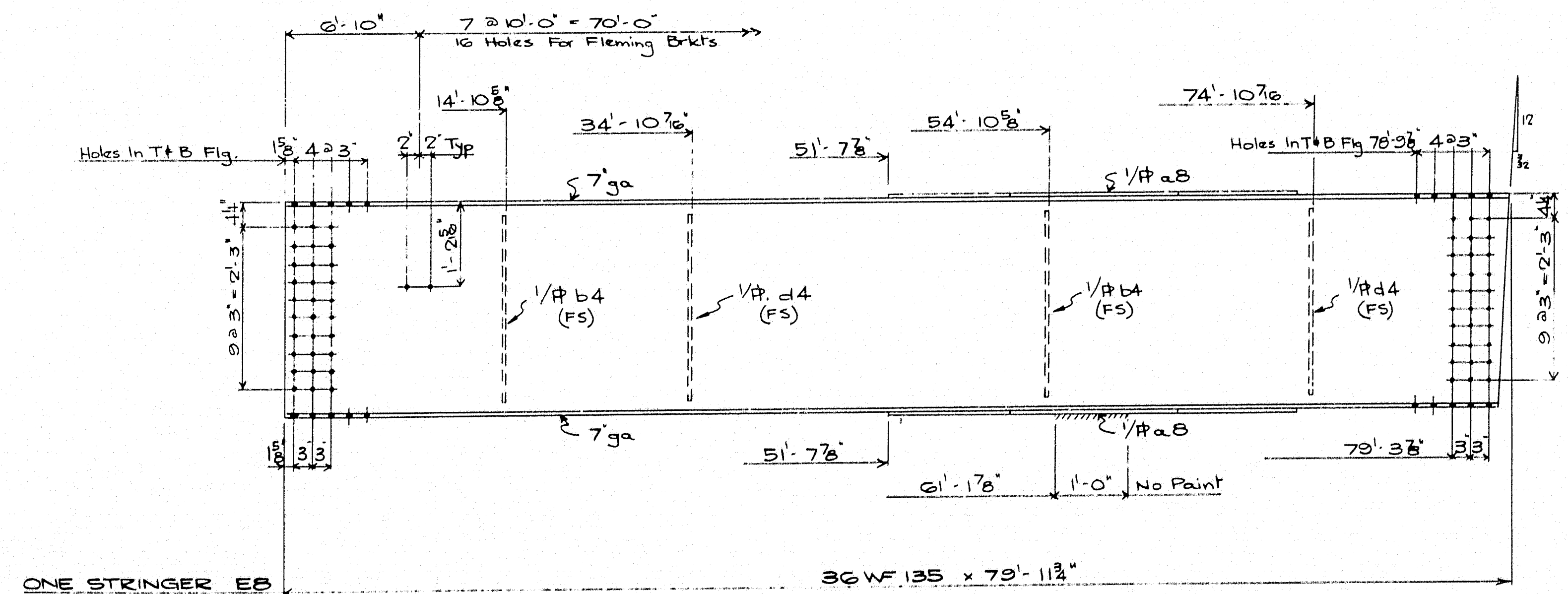
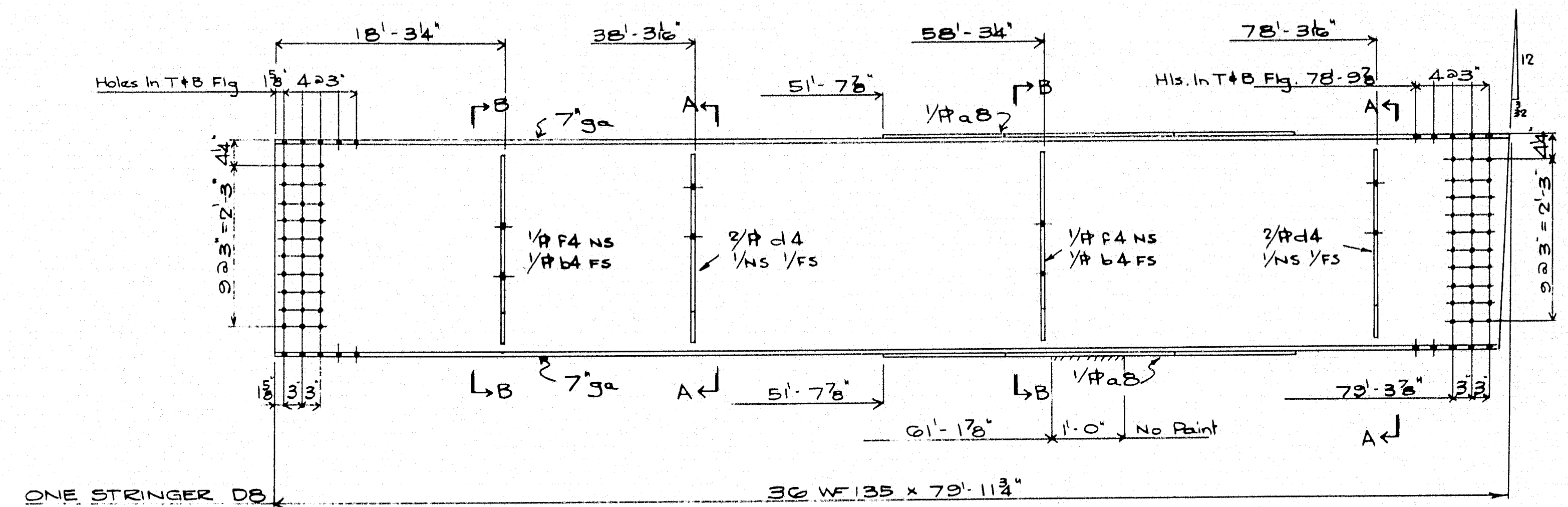
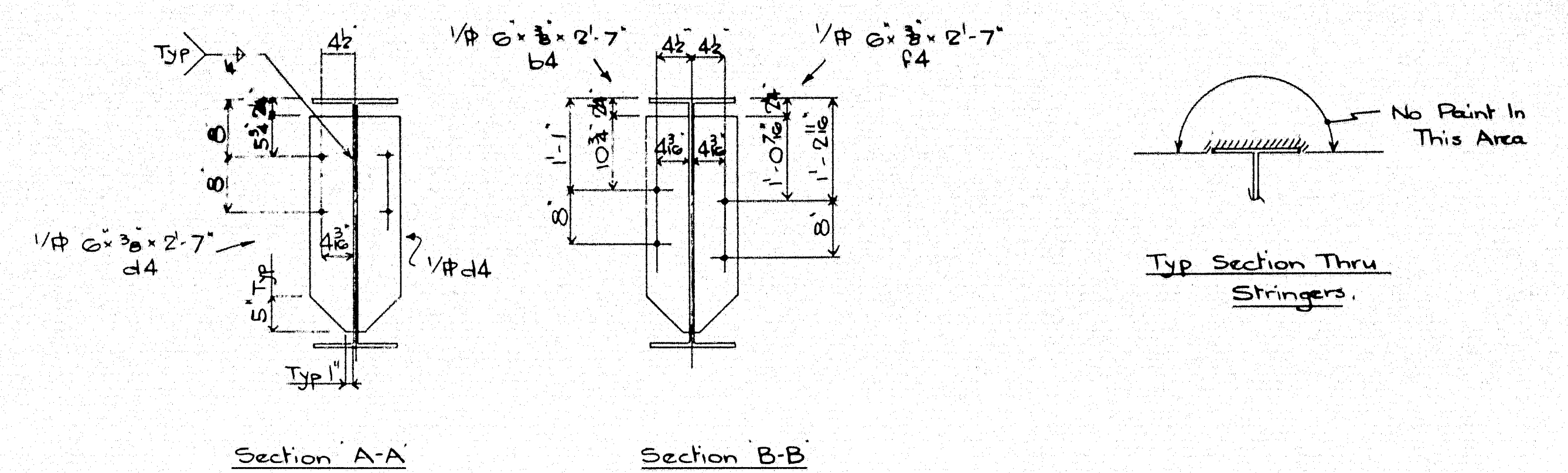
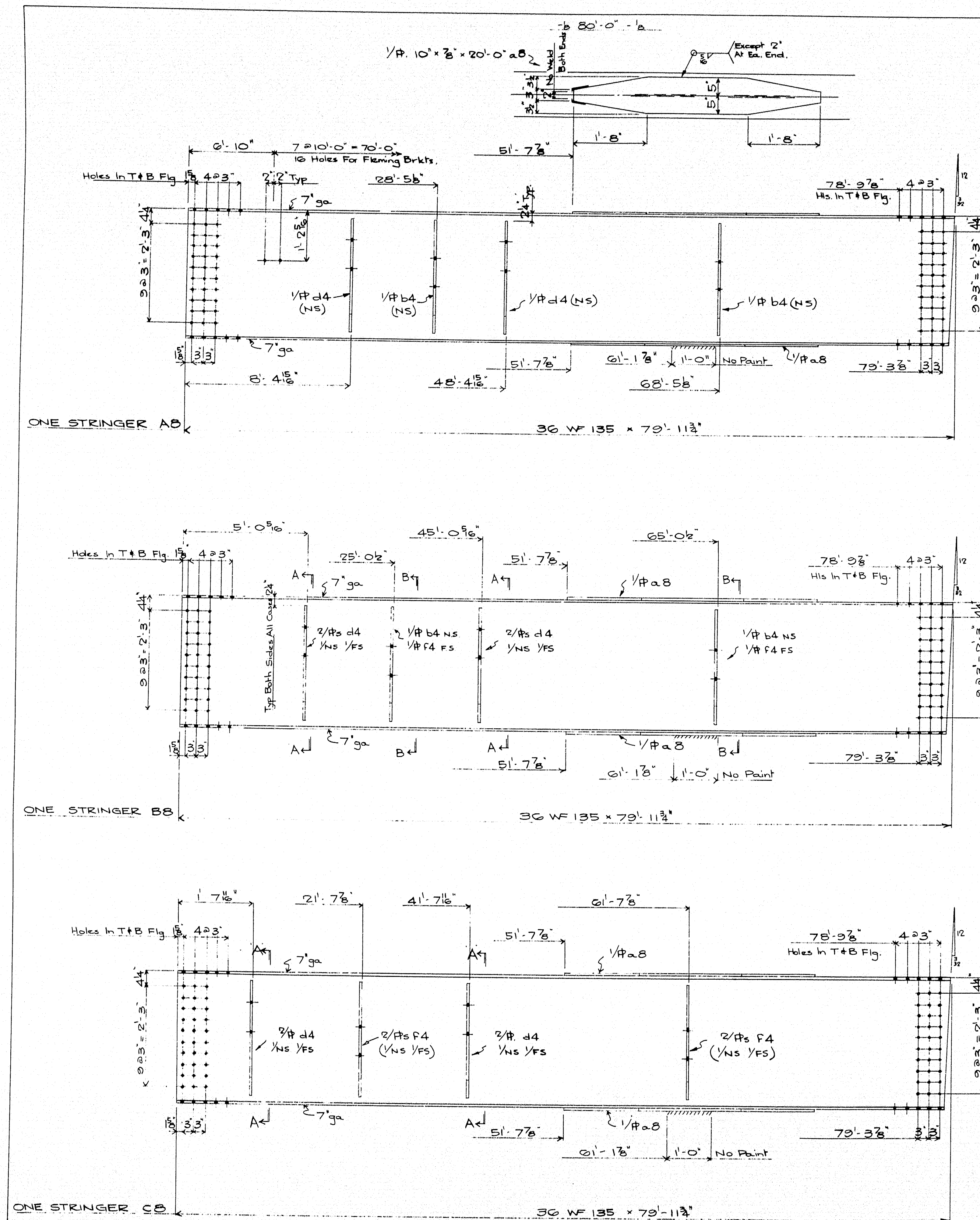




ALL SPLICES TO BE MATCH
MARKED. SEE DRG. SHEET X.



REVIEWS	DESCRIPTION: STRINGERS.	DRAWN BY		DATE
A	JOB: SNAKEROOT ROAD BRIDGE	RWS	SEPT. 11/63	
B	PITTSFIELD - SOMERSET COUNTY	CHECKED BY	DATE	
C	(STATE HIGHWAY COMMISSION)	RWS	15 Sept 63	
D	CUSTOMER: NORMAN E. JACKSON.	SHEET	7	
E	AUGUSTA IRON WORKS	ORDER	1061	
F	AUGUSTA, MAINE			
G				
H				
J				



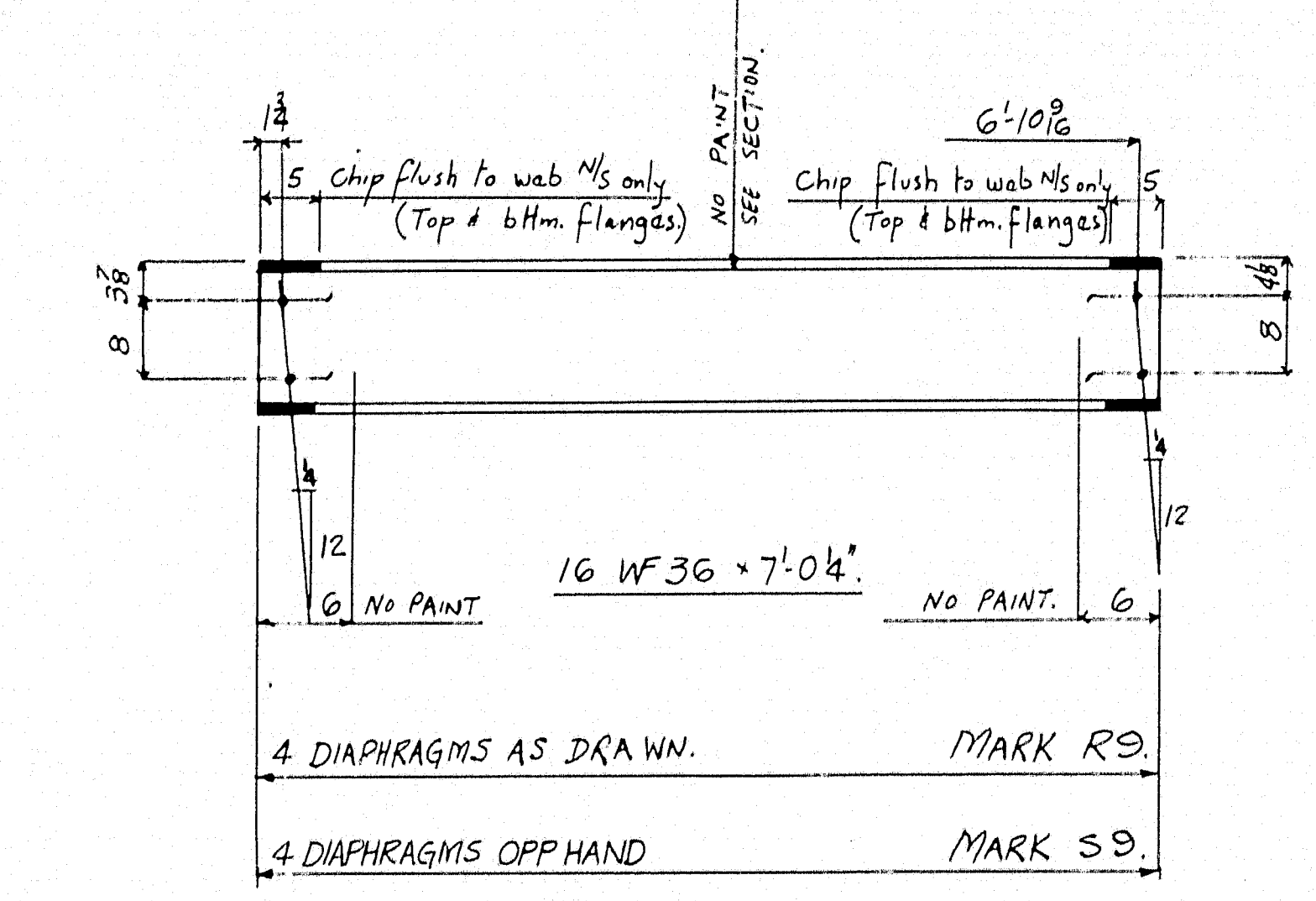
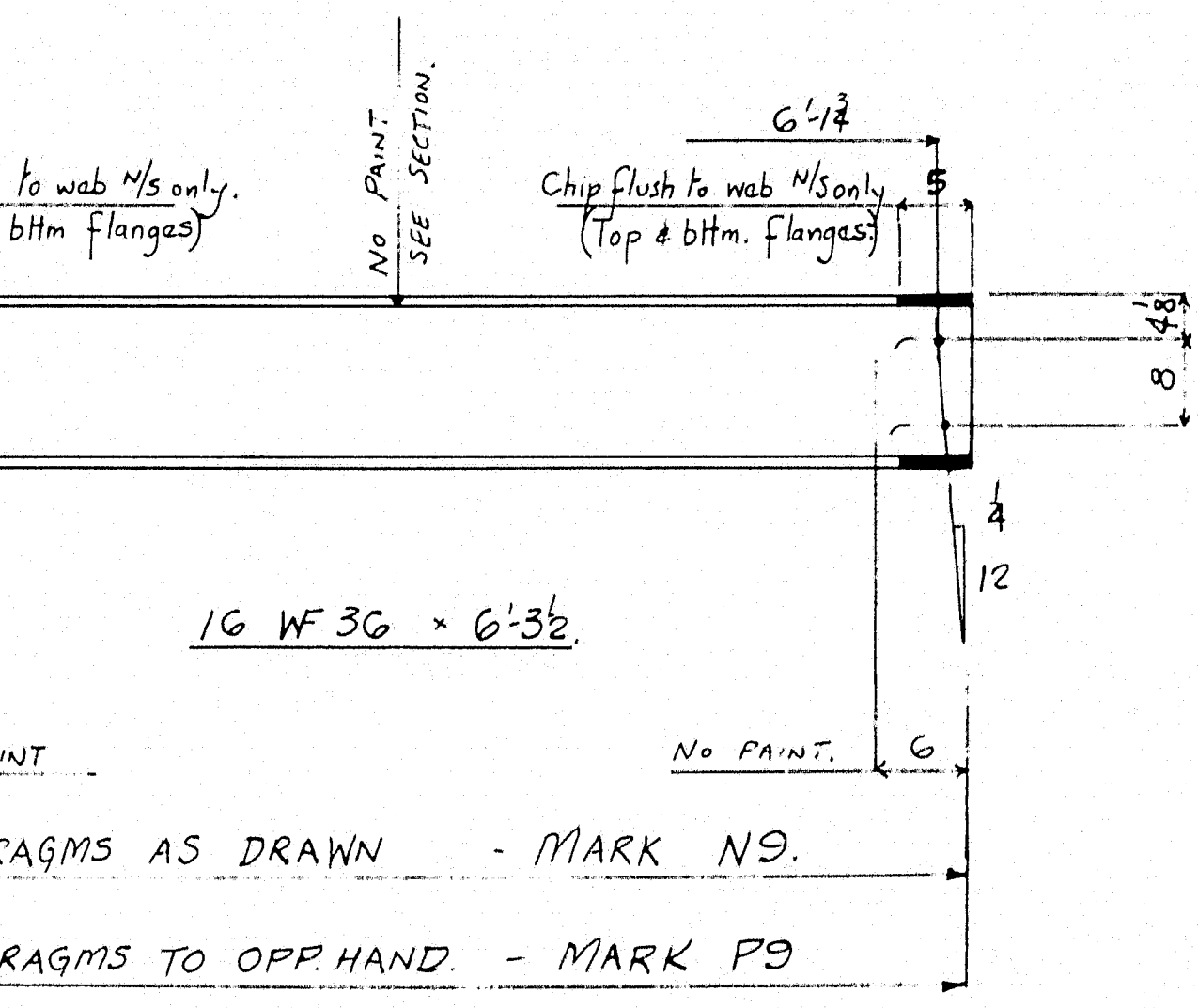
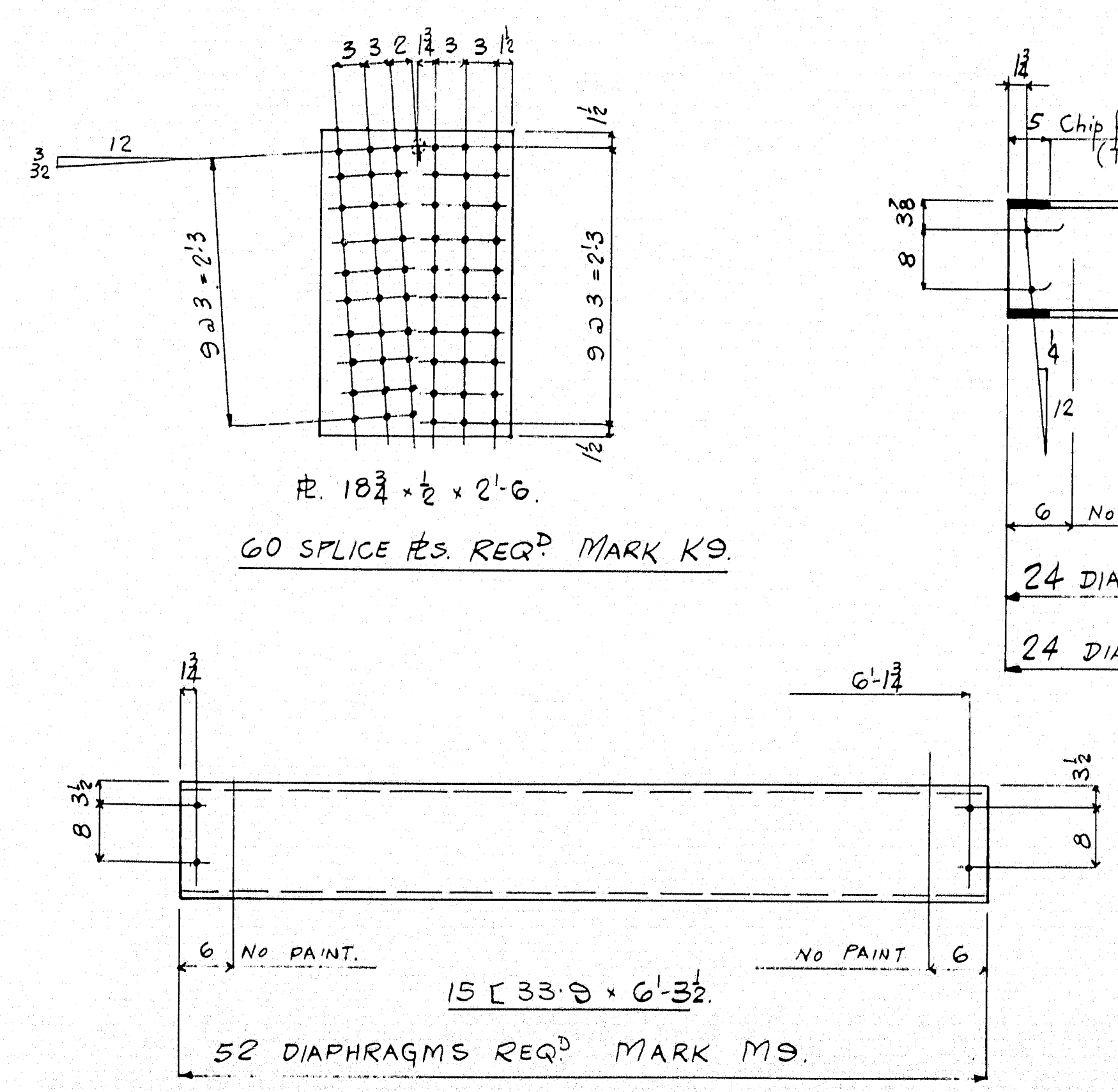
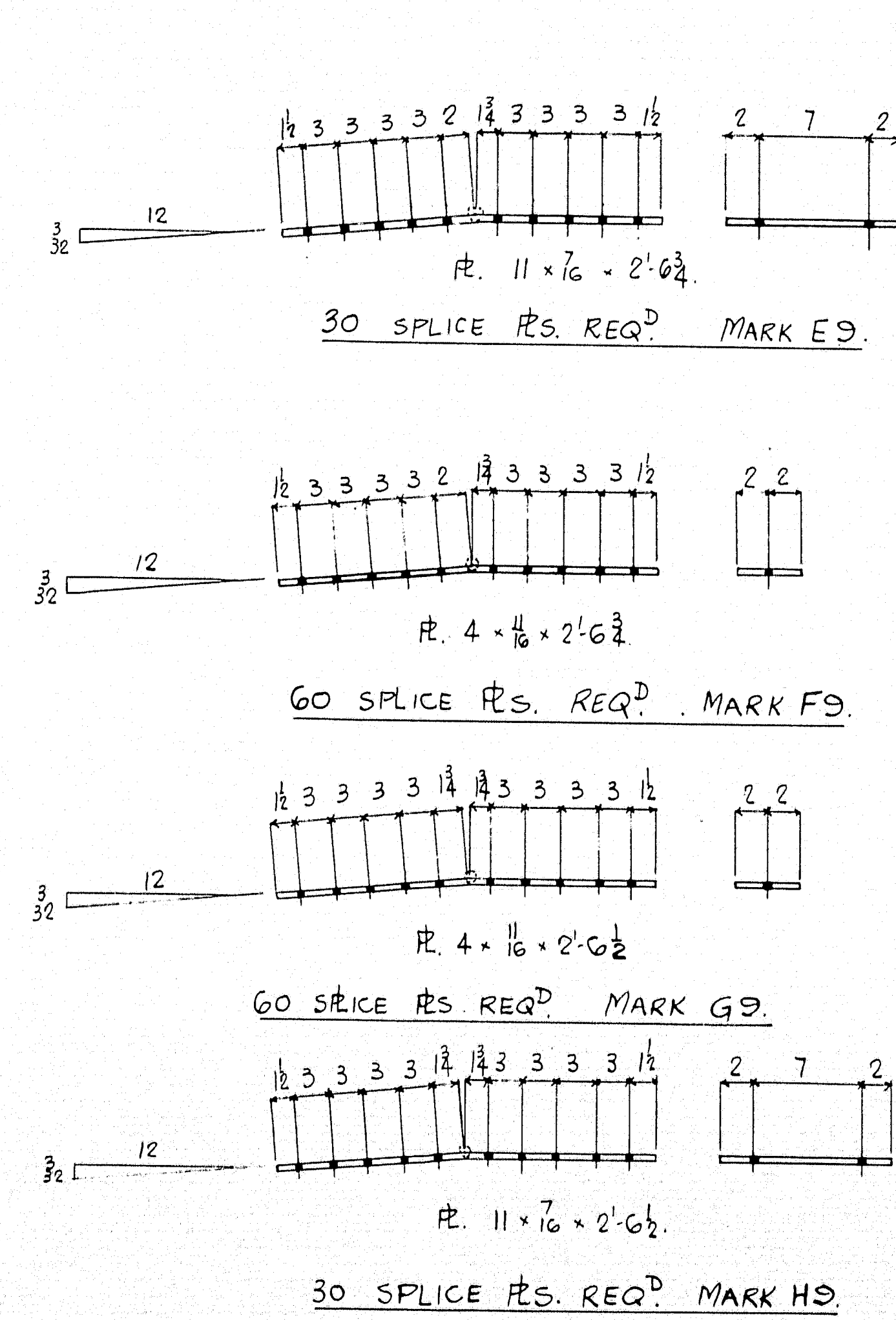
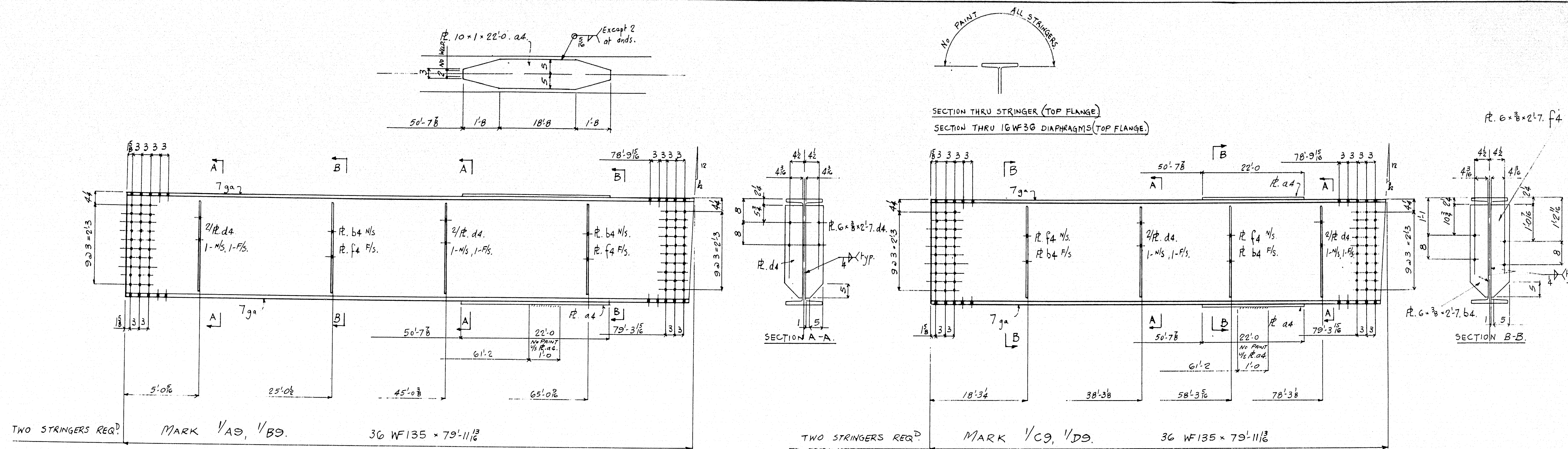
Paint.
One Shop Coat Red Lead # Oil As Per Specs. Except Where Noted # As Follows:-
1/ Fin Plates To Remain Unpainted.
2/ No Paint To Be Applied Within 2' Of Open Holes For Splices.

Holes 1/8" d
For Splice Pls See Drg 2
For Match Marking Etc Of Splice Pls. See Drg X

REVISIONS	DESCRIPTION	Stringers
A	JOB:	Shakeroot Road Bridge
B		Pittsfield - Somerset County
C		(State Highway Commission)
D	CUSTOMER:	Norman E. Jackson.
E		
F		
G		
H		
J		

DRAWN BY	DATE
BWJ	12 Sep 63
CHECKED BY	DATE
RWS	SEPT 14/63
SHEET	8
ORDER	1061

87-2021



PAINT - ONE COAT RED LEAD & OIL AS PER SPECS, EXCEPT AS NOTED AND AS FOLLOWS.

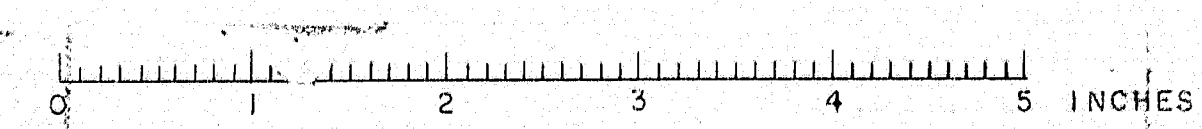
- 1) NO PAINT ON FIN PLATES.
- 2) NO PAINT ON SPLICE PLATES.
- 3) NO PAINT WITHIN 2" OF SPLICE HOLES IN 36 WF 135.

ALL HOLES 1/8" φ.

ALL SPLICES TO BE MATCH MARKED. SEE DRG. X.

REVISIONS	DESCRIPTION	STRINGERS, SPLICE PLATES, DIAPHRAGMS.
A	JOB: SNAKEROOT ROAD BRIDGE.	DRAWN BY: RWS DATE: SEPT 12 '63
B	PITTSFIELD - SOMERSET COUNTY.	CHECKED BY: DWS DATE: 15 SEP 63
C	(STATE HIGHWAY COMMISSION.)	
D	CUSTOMER: NORMAN E. JACKSON.	SHEET: 9
E	AUGUSTA IRON WORKS	ORDER: 1061
F	AUGUSTA, MAINE	
G		
H		
J		

87-202 J



BRIDGE PHOTOGRAPHS



North side of bridge over SB traffic



South side of bridge over SB traffic



West abutment slope protection



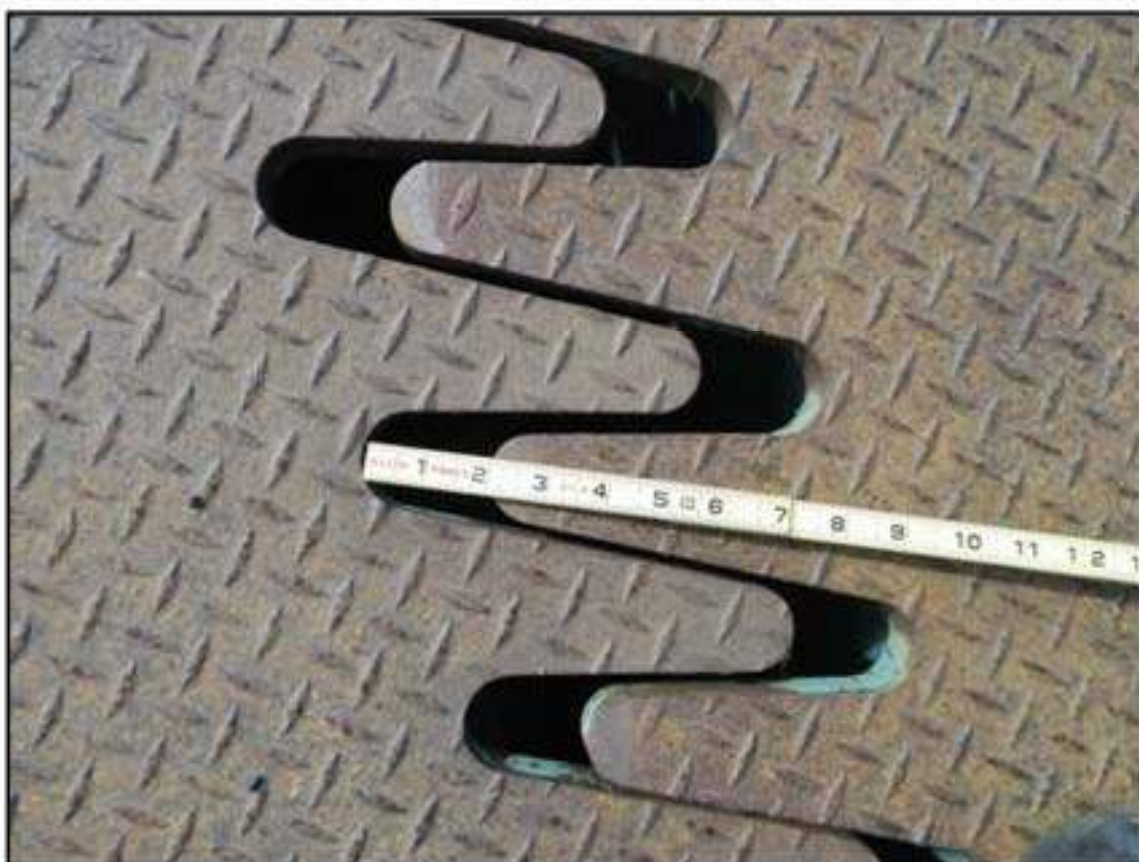
West abutment bearings with "mud flap" protection



Weeds growing in roadway, West end



West finger joint with patched approach pavement



West finger joint gap of 2"



Cracking and efflo at the SW corner



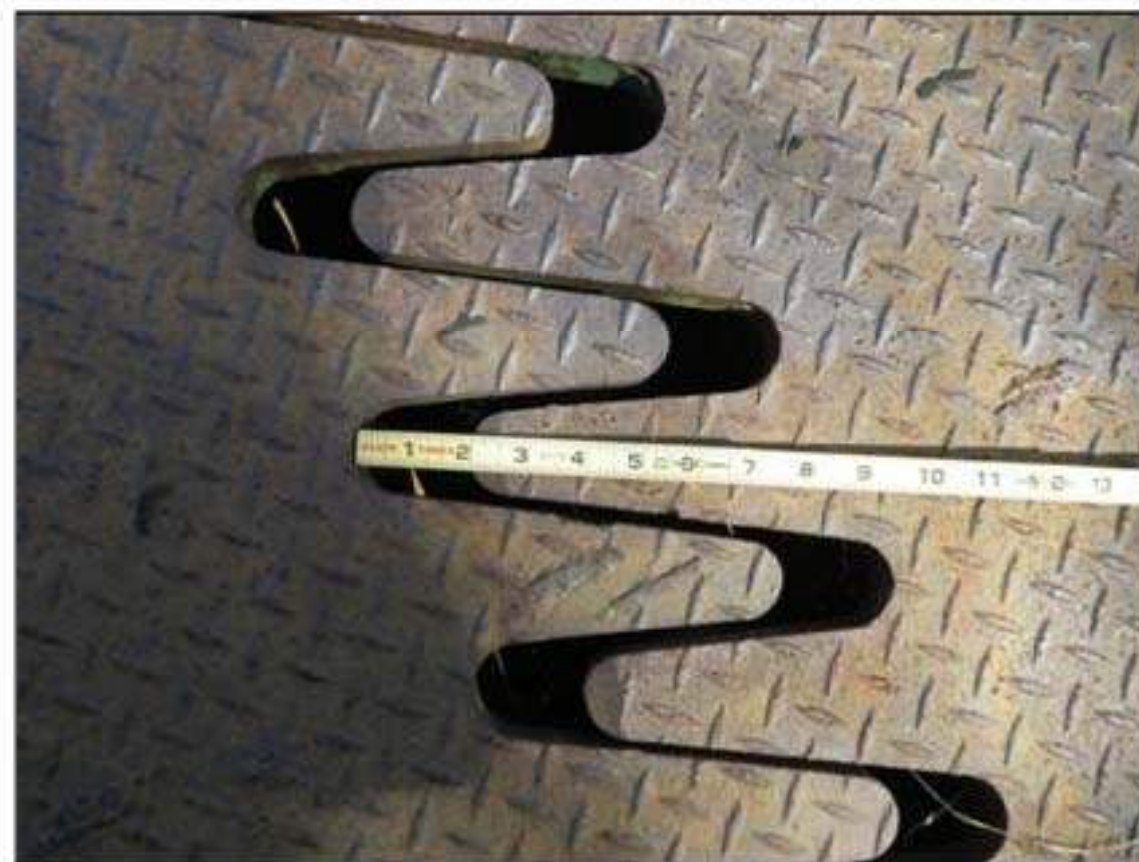
Cracked and sealed bituminous wearing surface



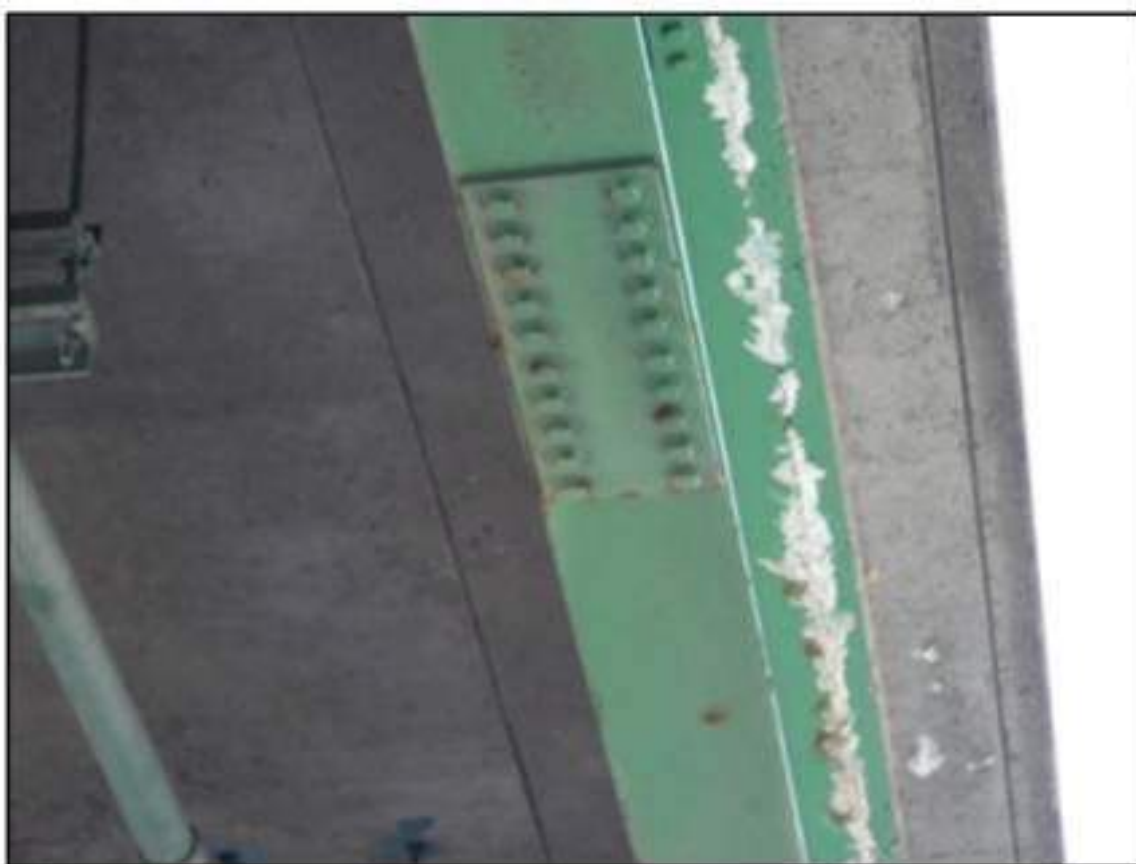
East abutment bearing and "mud flap" protection



East finger joint and approach pavement in poor condition



Looking down stream



Efflo staining on the exterior top flange/haunch area



Isolated areas of concrete column cracking and rust staining

5983

Pittsfield



Looking West



General view over travel lanes

Snake Root Road / I-95

09-25-2014

STRUCTURAL INVENTORY AND APPRAISAL SHEET

Structure Inventory and Appraisal Sheet (English Units)

Bridge Key:	5983	Agency ID:	5983	SR: 94.1	SD/FO: ND
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IDENTIFICATION

State 1: 23 Maine Struc Num 8: 5983

Facility Carried 7: SNAKEROOT ROAD Location 9: 1.5 MI N'LY OF 11 & 100

Rte.(On/Under)5A: Route On Structure Rte. Signing Prefix 5B: 5 City Street

Level of Service 5C: 0 None of the below Rte. Number 5D: 00000

Directional Suffix 5E: 0 N/A (NBI) % Responsibility : 0

SHD District 2: 04 Eastern County Code 3: 025 Somerset

Place Code 4: 25240 Pittsfield Mile Post 11: 1.130 mi

Feature Intersected 6: INTERSTATE 95

Latitude 16: 44d 44' 10" Longitude 17: 069d 25' 27"

Border Bridge Code 98: Not Applicable (P)

Border Bridge Number 99: n/a

INSPECTION

Frequency 91: 24 months Inspection Date 90: 5/15/2013 Next Inspection: 05/15/2015

FC Frequency 92A: NA FC Inspection Date 93A: NA Next FC Inspection: NA

UW Frequency 92B: NA UW Inspection Date 93B: NA Next UW Inspection: NA

SI Frequency 92C: NA SI Date 93C: NA Next SI: NA

Element Frequency: 24 months Element Inspection Date: 05/15/2013 Next Elem. Insp. Due: 05/15/2015

STRUCTURE TYPE AND MATERIALS

Number of Approach Spans 46: 0 Number of Spans Main Unit 45: 7

Main Span Material/Design 43A/B:

4 Steel Continuous 02 Stringer/Girder

Deck Type 107: 1 Concrete-Cast-in-Place

Wearing Surface 108A: 6 Bituminous

Membrane 108B: 2 Preformed Fabric

Deck Protection 108C: None

CLASSIFICATION

Defense Highway 100: 0 Not a STRAHNET hwy Parallel Structure 101: No || bridge exists

Direction of Traffic 102: 2 2-way traffic Temporary Structure 103: Not Applicable (P)

Highway System 104: 0 Not on NHS NBIS Length 112: Long Enough

Toll Facility 20: 3 On free road Functional Class 26: 09 Rural Local

Defense Hwy 110: 0 Not a STRAHNET hwy Historical Significance 37: 4 Hist sign not determin

Owner 22: 01 State Highway Agency

Custodian 21: 01 State Highway Agency

AGE AND SERVICE

Year Built 27: 1964 Year Reconstructed 106: 1992

Type of Service on 42A: 1 Highway

Type of Service under 42B: 1 Highway

Lanes on 28A: 2 Lanes Under 28B: 4 Detour Length 19: 3.0 mi

ADT 29: 192 Truck ADT 109: 5 % Year of ADT 30: 2013

CONDITION

Deck 58: 6 Satisfactory Super 59: 7 Good Sub 60: 7 Good

Culvert 62: N N/A (NBI) Channel/Channel Protection 61: N N/A (NBI)

GEOMETRIC DATA

Length Max Span 48: 80.0 ft Structure Length 49: 528.0 ft

Curb/Sdwk Width L 50A: 1.5 ft Curb/Sidewalk Width R 50B: 1.5 ft

Width Curb to Curb 51: 26.0 ft Width Out to Out 52: 31.2 ft

Approach Roadway Width 32: 28.0 ft Median 33: 0 No median (w/ shoulders)

Deck Area: 16,474.2 sq. ft

Skew 34: 27.00 ° Structure Flared 35: 0 No flare

Vertical Clearance 10: 99.99 ft Horiz. Clearance 47: 26.00 ft

Minimum Vertical Clearance Over Bridge 53: 327.8 ft

Minimum Vertical Underclearance Reference 54A: H Hwy beneath struct

Minimum Vertical Underclearance 54B: 16.1 ft

Minimum Lateral Underclearance Reference R 55A: H Hwy beneath struct

Minimum Lateral Underclearance R 55: 9.8 ft

Minimum Lateral Underclearance L 56: 5.9 ft

LOAD RATING AND POSTING

Inventory Rating Method 65: 2 AS Allowable Stress: Operating Rating Method 63: 2 AS Allowable Stress

Inventory Rating 66: HS17.2 Operating Rating 64: HS27.3

Design Load 31: 4 M 18 (H 20) Posting 70: 5 At/Above Legal Loads

Posting status 41: A Open, no restriction

APPRAISAL

Bridge Rail 36A: 0 Substandard Approach Rail 36C: 1 Meets Standards

Transition 36B: 1 Meets Standards Approach Rail Ends 36D: 1 Meets Standards

Str. Evaluation 67: 7 Deck Geometry 68: 5 Above Tolerable

Underclearance, Vertical and Horizontal 69: 4 Tolerable

Waterway Adequacy 71: N Not applicable Approach Alignment 72: 6 Equal Min Criteria

Scour Critical 113: N Not Over Waterway

PROPOSED IMPROVEMENTS

Bridge Cost 94: NA Type of Work 75: Unknown (P)

Roadway Cost 95: Unknown Length of Improvement 76:

Total Cost 96: Unknown Future ADT 114: 288

Year of Cost Estimate 97: Unknown Year of Future ADT 115: 2033

NAVIGATION DATA

Navigation Control 38: N NA-no waterway

Vertical Clearance 39: 0.0 ft Horizontal Clearance 40: 0.0 ft

Pier Protection 111: Not Applicable (P) Lift Bridge Vertical Clearance 116: 0.0 ft

ELEMENT CONDITION STATE DATA

Str Unit	Elm/Env	Description	Units	Total Qty	% in 1	Qty. St. 1	% in 2	Qty. St. 2	% in 3	Qty. St. 3	% in 4	Qty. St. 4	% in 5	Qty. St. 5
1	14/2	P Conc Deck/AC Only	(SF)	16,474	0 %	0	0 %	0	100 %	16,474	0 %	0	0 %	0
1	107/2	Paint Str Opn Girder	(LF)	2,640	90 %	2,376	5 %	132	3 %	79	2 %	53	0 %	0
1	205/2	R/Conc Column	(EA)	18	85 %	15	15 %	3	0 %	0	0 %	0	0 %	0
1	215/2	R/Conc Abutment	(LF)	68	94 %	64	5 %	3	1 %	1	0 %	0	0 %	0
1	218/2	Undefined Wall Elem.	(LF)	40	75 %	30	24 %	10	1 %	0	0 %	0	0 %	0
1	234/2	R/Conc Cap	(LF)	206	88 %	181	12 %	25	0 %	0	0 %	0	0 %	0

Structure Inventory and Appraisal Sheet (English Units)

Str Unit	Elm/Env	Description	Units	Total Qty	% in 1	Qty. St. 1	% in 2	Qty. St. 2	% in 3	Qty. St. 3	% in 4	Qty. St. 4	% in 5	Qty. St. 5
1	304/2	Open Expansion Joint	(LF)	69	0 %	0	100 %	69	0 %	0	0 %	0	0 %	0
1	311/2	Moveable Bearing	(EA)	40	85 %	34	15 %	6	0 %	0	0 %	0	0 %	0
1	333/2	Other Bridge Railing	(LF)	1,056	0 %	0	100 %	1,056	0 %	0	0 %	0	0 %	0
1	383/2	Wear.Surf- AC+Membr.	(SF)	13,728	0 %	0	70 %	9,610	29 %	3,981	1 %	137	0 %	0
1	388/2	Paint	(SF)	40,000	87 %	34,800	5 %	2,000	5 %	2,000	3 %	1,200	0 %	0

Str Unit	Elm/Env	Description	Element Notes
1	14/2	Concrete Deck - Protected w/ AC C	Approximately 50% heavy cracking pavement (sealed) no potholes. North curb line has scattered spalling & previously patched areas. South fascia has heavy cracking & efflo staining with minor scaling areas. Heavy leakage & staining of the interior of exterior girders at blocking areas (see photos). Bottom of deck center bays are in overall good condition with minor defects only.
1	107/2	Painted Steel Open Girder/Beam	Approximately 5-10% paint system distress with minor sheet failures/ rusting areas of bottom flanges at abutment beam ends & over I-95 travel lanes (see photos). Painted steel girders with speckle to light rusting on bottom flanges and lower webs over traffic areas. Remainder of girder area has chalking paint, but otherwise in satisfactory condition.
1	205/2	Reinforced Conc Column or Pile Ex	Isolated small delam and spall on the bottom of the center column, East pier. Columns, pier caps and piers overall are in good to very good condition (no joints above).
1	215/2	Reinforced Conc Abutment	Concrete returns and abutment corners have minor map cracking. Slope protection has some slippage.
1	218/2	Undefined Wall Elem (Incl. Wing-,	Concrete returns and abutment corners have minor map cracking.
1	234/2	Reinforced Conc Cap	Columns, pier caps and piers overall are in good to very good condition (no joints above).
1	304/2	Open Expansion Joint	Mud flaps have been added and seam to functioning well. Joints are in good condition. west joint approach pavement is heavily rutted & cracked.
1	311/2	Moveable Bearing (roller, sliding, e	Moderate paint system failure with moderate rusting at abutment bearings.
1	333/2	Other Bridge Railing	Substandard rail in good condition. One tear in south side rail bar (see photo).
1	383/2	Wearing Surface - AC & Membrane	Bituminous wearing surface (replaced in 1992) has approximately 50% pervasive cracking, but cracks have been sealed.
1	388/2	Paint (Dummy Element)	Painted steel girders with speckle to light rusting on bottom flanges and lower webs over traffic areas. Remainder of girder area has chalking paint, but otherwise in satisfactory condition.

BRIDGE NOTES

Seven span steel continuous painted girders. Concrete deck, abutments, piers and wing walls. Bituminous wearing surface.

PAST INSPECTION

Inspection Date: 05/15/2013

Type: 1 Regular NBI

Inspector: DT2HARR

Pontis User Key: DT2HARR - SCOT

Scope:

NBI: ☒Other: ☐Element: ☒Underwater: ☐Fracture Critical: ☐

INSPECTION NOTES

Structure is in overall good condition with moderate deterioration of main elements. The south fascia has a high percentage of cracking with efflo staining and could use rehab. wearing surface has a high percentage of cracks (partially sealed) and needs replacement to extend deck service life. Minor touch up paint recommended at beam ends, abutment bearings, and spans over I-95 travel lanes. Really a pretty good paint job for 1993. The inspector must have been good. See individual elements & photos for details.

Structure Inventory and Appraisal Sheet (English Units)

PAST INSPECTION

Inspection Date: 10/26/2011

Type: 1 Regular NBI

Inspector: DTJHANN

Pontis User Key: DTJHANN - JAMIE

Scope:

NBI: ☒Other: ☐Element: ☒Underwater: ☐Fracture Critical: ☐

INSPECTION NOTES

Structure is in overall Good condition.

Deck:

Bituminous wearing surface (replaced in 1992) has approximately 50% pervasive cracking, but cracks have been sealed.

Bottom of deck is in good condition with scattered light efflo, fine cracking and no noted areas of delaminated concrete.

Top of curbs have moderate scaling and cracking.

South fascia has 20% cracking and active efflo.

Finger joints at both abutments are in good condition.

Efflo leakage around top flange of exterior North girder in several locations.

Superstructure:

Painted steel girders with spackle to light rusting on bottom flanges and lower webs over traffic areas.

PAST INSPECTION

Inspection Date: 07/13/2009

Type: 1 Regular NBI

Inspector: DT2HARR

Pontis User Key: DT2HARR - SCOT

Scope:

NBI: ☒Other: ☐Element: ☒Underwater: ☐Fracture Critical: ☐

INSPECTION NOTES

Structure is in overall good condition with moderate deterioration of main elements. Recommend sealing of cracked bituminous wearing surface. And replacement of finger joints with a "sealed" system.

Structure Inventory and Appraisal Sheet (English Units)

PAST INSPECTION

Inspection Date: 05/24/2007

Type: 1 Regular NBI

Inspector: DTPVERR

Pontis User Key: DTPVERR - PAUL

Scope:

NBI: ☒Other: ☐Element: ☒Underwater: ☐Fracture Critical: ☐

INSPECTION NOTES

Refer to individual elements for add'l comments.
SUBSTRUCTURE: Defects gen'ly <= v minor except gen'ly <= minor in splash zones
CHANNEL: Refer to prev reports for detailed descrip.
SUSTRUCTURE: Defects gen'ly <= v minor away from and <= minor in splash zones.

PAST INSPECTION

Inspection Date: 10/17/2005

Type: 1 Regular NBI

Inspector: DTPVERR

Pontis User Key: DTPVERR - PAUL

Scope:

NBI: ☒Other: ☐Element: ☒Underwater: ☐Fracture Critical: ☐

INSPECTION NOTES

Refer to individual elements for add'l comments.
CHANNEL: Refer to prev reports for detailed descrip.

Structure Inventory and Appraisal Sheet (English Units)

PAST INSPECTION

Inspection Date: 05/06/2003

Type: 1 Regular NBI

Inspector: -1

Pontis User Key: SBH

Scope:

NBI: ☒Other: ☐Element: ☒Underwater: ☐Fracture Critical: ☐

INSPECTION NOTES

INSPECTOR WORK CANDIDATES

Work Candidate ID	Action	Object	Agency Status	Agency Priority	Assigned to a Project	Rec. Date
A-DOT001-0AE6450A-00000019	Other	Bridge	Approved	low	No	5/15/2013
A-DOT001-0AE6450A-0000001D	Part Paint	Paint Stl Opn Girder	Approved	low	No	5/15/2013
A-DOT001-11EDBDB3-0000002E	Min Repair	P Conc Deck/AC Ovly	Approved	High	No	5/15/2013
A-DOT001-0AE6450A-0000001B	Repl Elem	P Conc Deck/AC Ovly	Approved	High	No	5/15/2013
A-DOT001-0AE6450A-0000001F	Min Repair	R/Conc Column	Approved	low	No	5/15/2013
A-DOT001-0AE6450A-00000021	Min Repair	R/Conc Abutment	Approved	low	No	5/15/2013
A-DOT001-0AE6450A-00000017	Rehab Elem	Open Expansion Joint	Approved	Medium	No	10/17/2005