STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

T5 R9 NWP (EBEEMEE TWP)
PISCATAQUIS COUNTY
STATION 350 BRIDGE
OVER
EAST BRANCH PLEASANT RIVER
ROUTE 11
FEDERAL AID PROJECT NO. STP-2175(200)
PROJECT LENGTH 0.085 mi.
BRIDGE NO. 3781

WIN 021752.00

STP-2175(200)

SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Eighth Edition 2017.

DESIGN LOADING

Live Load	HL - 93

TRAFFIC DATA

Current (2018) AADT	420
Future (2038) AADT	500
DHV - % of AADT	16
Design Hour Volume	80
Heavy Trucks (% of AADT)	19
Heavy Trucks (% of DHV)	13
Directional Distribution (% of DHV)	56
18 kip Equivalent P 2.0	88
18 kip Equivalent P 2.5	83
Design Speed (mph)	55

MATERIALS

Concrete:	
Curbs and Transition Barriers	Class "LP"
All Other	Class "A"
Reinforcing:	
Plain Reinforcing Steel	ASTM A 615/A 615M, Grade 60
Stainless Steel Reinforcing	ASTM A 955, Grade 75
Glass Fiber Reinforced Polymer	CSA S807-10, ACI 440.1R-15

BASIC DESIGN STRESSES

Concrete	
Class "A"	f 'c = 4,000 psi
Class "LP"	f 'c = 5,000 psi
Reinforcing:	
Plain Reinforcing Steel	f y = 60,000 psi
Stainless Steel Reinforcing	f y = 75,000 psi
Glass Fiber Reinforced Polymer	f fu = 100,000 psi
Minimum Elastic Modulus:	E f = 6,150,000 psi
Minimum Nominal Design Tensile Strain:	$\varepsilon f u$ = 1.226%

LIST OF DRAWINGS

UTILITIES

Emera Maine
Fairpoint Communications - Northern New England Telephone Operations, L.L.C.
Maine Fiber Company

MAINTENANCE OF TRAFFIC

Maintain one 11'-0" wide lane of alternating one - way traffic using staged construction and temporary traffic signals.

PROJECT LOCATION	Station 350 Bridge #3781 in T5 R9 NWP (Ebeemee) which carries Rte 11 over the East Branch Pleasant River. Lat./Long. 45°28'16.5" N 68°59'01.3" W
PROGRAM AREA	Highway Bridges-Traditional
OUTLINE OF WORK	Bridge deck replacement and Pier rehabilitation

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

	APPROVED	DATE
COMMISSIONER:		12/13/18
CHIEF ENGINEER:		12-13-18

STATE OF MAINE · Richard E. Myers · 12670 · LICENSED PROFESSIONAL ENGINEER

SIGNATURE	
P.E. NUMBER	12670
DATE	DECEMBER 10, 2018

PROJECT INFORMATION

PROGRAM	BRIDGE
PROJECT MANAGER	M. WIGHT
DESIGNER	B. BARTLETT
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

T5 R9 NWP (EBEEMEE TWP)
STATION 350 BRIDGE

TITLE SHEET

SHEET NUMBER
1
OF 20

ITEM NO.	ESTIMATED QUANTITIES DESCRIPTION	QUANTITY	UNIT
202.10	REMOVING EXISTING SUPERSTRUCTURE (PROPERTY OF CONTRACTOR) (200 CY)	1	LS
202.12	REMOVING EXISTING STRUCTURAL CONCRETE	1	CY
202.202	REMOVING PAVEMENT SURFACE	790	SY
203.20	COMMON EXCAVATION	150	CY
203.24	COMMON BORROW	20	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	130	CY
403.208	HOT MIX ASPHALT 12.5 MM HMA SURFACE	90	T
403.213	HOT MIX ASPHALT 12.5 MM BASE	60	T
409.15	BITUMINOUS TACK COAT - APPLIED	53	G
411.09	UNTREATED AGGREGATE SURFACE COURSE	2	CY
502.21	STRUCTURAL CONCRETE, ABUTMENTS AND RETAINING WALLS	1	CY
502.26	STRUCTURAL CONCRETE ROADWAY AND SIDEWALK SLABS ON STEEL BRIDGES (180 CY)	1	LS
502.291	SAW CUT GROOVING (5310 SF)	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS (20 CY)	1	LS
503.12	REINFORCING STEEL, FABRICATED AND DELIVERED	190	LB
503.13	REINFORCING STEEL, PLACING	190	LB
503.17	MECHANICAL WELDED SPLICE	752	EA
503.26	STAINLESS STEEL REINFORCEMENT - FABRICATED & DELIVERED	20,810	LB
503.27	STAINLESS STEEL REINFORCEMENT - PLACING	20,810	LB
505.08	SHEAR CONNECTORS (1470 EA)	1	LS
507.0821	STEEL BRIDGE RAILING, 3 BAR (359 LF)	1	LS
514.06	CURING BOX FOR CONCRETE CYLINDERS	1	EA
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (845 SY)	1	LS
518.61	REPAIR OF VERTICAL SURFACES >= 8 IN.	1	CY
520.22	EXPANSION DEVICE - COMPRESSION SEAL	2	EA
520.232	EXPANSION DEVICE - ASPHALTIC PLUG JOINT	67	LF
523.52	BEARING INSTALLATION	2	EA
523.5301	STEEL BEARINGS, FIXED, SLIDING PLATE	1	EA
523.5302	STEEL BEARINGS, EXPANSION, SLIDING PLATE	1	EA
524.301	TEMPORARY STRUCTURAL SUPPORT - ROADWAY	1	LS
524.301	TEMPORARY STRUCTURAL SUPPORT - BEAMS	1	LS
526.305	TEMPORARY CONCRETE BARRIER, BRACED TYPE I (400 LF)	1	LS
526.34	PERMANENT CONCRETE TRANSITION BARRIER	4	EA
527.34	WORK ZONE CRASH CUSHIONS	2	UN
530.30	GFRP, REINFORCEMENT BARS, FABRICATED & DELIVERED	39,265	LF
530.31	GFRP, REINFORCEMENT BARS, PLACING	39,265	LF
606.1301	31" W-BEAM GUARDRAIL, MID-WAY SPLICE-SINGLE FACED	122	LF
606.1304	31" W-BEAM GUARDRAIL, MID-WAY SPLICE-OVER 15' RAD	25	LF
606.1305	31" W-BEAM GUARDRAIL, MID-WAY SPLICE FLARED TERMINAL	3	EA
606.1307	BRIDGE TRANSITION (ASYMMETRICAL) - TYPE 1	4	EA
606.265	TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	1	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8	EA
610.08	PLAIN RIPRAP	150	CY
613.319	EROSION CONTROL BLANKET	78	SY
615.07	LOAM	6	CY
618.14	SEEDING METHOD NUMBER 2	1	UN
619.12	MULCH	1	UN
619.14	EROSION CONTROL MIX	12	CY
620.58	EROSION CONTROL GEOTEXTILE	267	SY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	1,350	LF
627.77	REMOVING PAVEMENT MARKINGS	400	SF
627.78	TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	1,200	LF
629.05	HAND LABOR, STRAIGHT TIME	40	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	20	HR
639.19	FIELD OFFICE TYPE B	1	EA
643.72	TEMPORARY TRAFFIC SIGNAL	1	LS
652.312	TYPE III BARRICADE	4	EA
652.33	DRUM	10	EA
652.34	CONE	50	EA
652.35	CONSTRUCTION SIGNS	300	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.38	FLAGGER	240	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	2	EA
652.47	TEMPORARY PORTABLE RUMBLE STRIP	2	GP
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS
674.10	PREFABRICATED CONCRETE MODULAR GRAVITY WALL	100	SF

GENERAL CONSTRUCTION NOTES

1. For easements, construction limits and right of way lines, refer to Right of Way Map.

2. The clearing limits as shown on the plans are approximate. The exact limits will be established in the field by the Resident. Payment for clearing will be considered incidental to Contract items.

3. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.

4. Do not excavate for Aggregate Subbase Course where existing material is suitable as determined by the Resident.

5. In areas where the Resident directs the Contractor not to excavate to the subgrade line shown on the plans, payment for removing existing pavement, grubbing, shaping, ditching, and compacting the existing subbase and layers of new subbase 6 inches or less thick will be made under appropriate equipment rental items.

6. Stones which cannot be rolled or compacted into the surface of the shoulder shall be removed by hand raking. Payment for hand raking will be considered incidental to Item No. 304.10, Aggregate Subbase Course - Gravel.

7. Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by the Resident.

8. Erosion Control Mix may be substituted in those areas normally receiving loam and seed as directed by the Resident. Placement shall be in accordance with Standard Specifications Section 619, Mulch. Payment will be made under Item No. 619.14, Erosion Control Mix.

9. Place a 24-in. wide strip of Temporary Erosion Control Blanket on the sideslopes along the top of the riprap and behind the wingwalls.

10. A MASH compliant guardrail end treatment shall be installed concurrently with the placement of each section of beam guardrail.

11. Extended-use Erosion Control Blanket, seeded gutters, riprap downspouts, and other gutters lined with Stone Ditch Protection shall be constructed after paving and shoulder work is completed, where it is apparent that runoff will cause continual erosion. Payment will be made under the appropriate Contract items.

12. Protective Coating for Concrete Surfaces shall be applied to the following areas:

All exposed surfaces of concrete curbs and sidewalks,
Fascias down to the drip notch,
All exposed surfaces of Concrete Transition Barriers,
Concrete wearing surfaces,
Top of wingwalls and one foot below grade on the frontside and backside of wing

13. Project information referred to below may be accessed at the following MaineDOT web address: http://www.maine.gov/mdot/contractors/.

14. The existing bridge plans may be accessed at the MaineDOT web address. The plans are reproductions of the original drawings as prepared for the construction of the bridge. It is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge during its life span.

15. Quantities included for pay items measured and paid for by Lump Sum are estimated quantities and are provided by MaineDOT for informational purposes only. Lump Sum pay items will be paid for at the Contract Bid amount, with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities, except as follows:

a. If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.

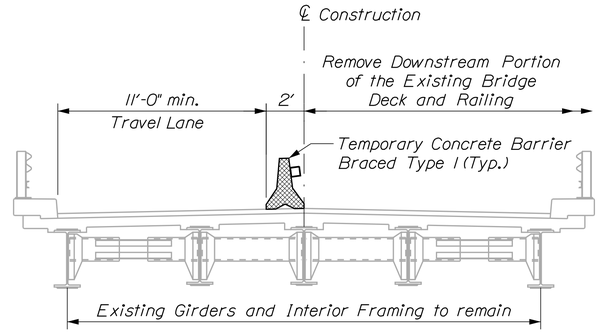
b. If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.

c. If a design change results in changes to estimated quantities for Lump Sum pay items, price adjustments will be made in accordance with Standard Specifications Section 109.7, Equitable Adjustments to Compensation.

16. The steel portions of the existing bridge may be coated with a lead-based paint system. The Contractor is responsible for the containment, proper management and disposal of all lead-contaminated hazardous waste generated by their work. The Contractor is responsible for implementing appropriate OSHA mandated personal protection standards related to this process. Payment for this work will not be made separately, but will be considered incidental to related Contract Items.

17. When removing existing bridge drains, the Contractor shall remove the support bar 2" from the beam web. Removal of bridge drains and drain supports, including the connection to the existing beams, are incidental to Item 202.10.

18. Proposed bridge drains and drain supports, including the connection to the existing beams, are considered incidental to Item 502.26.



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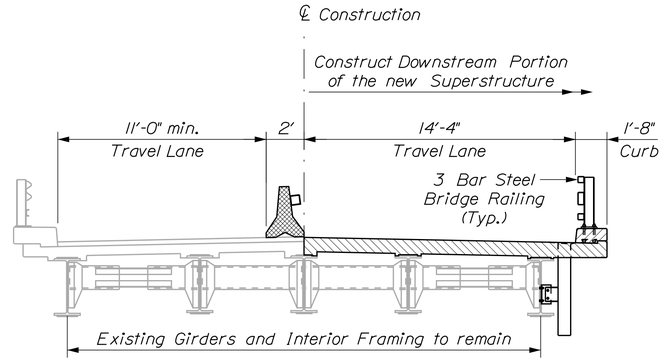

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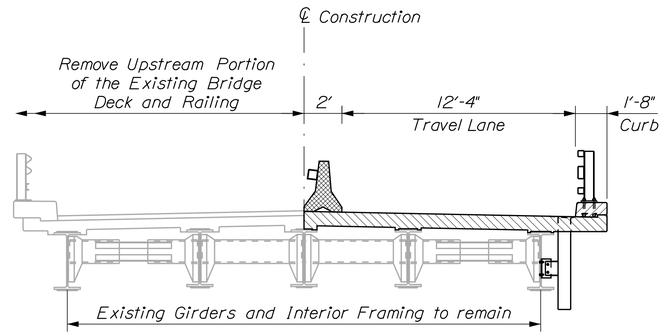

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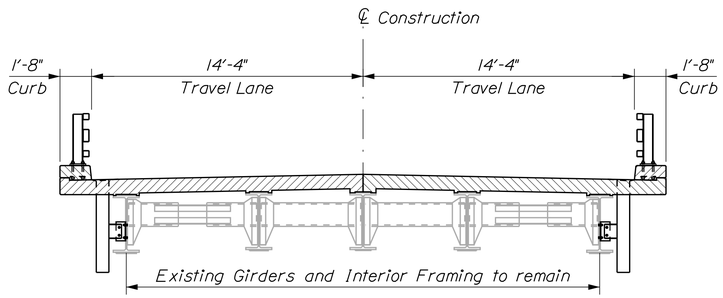


STAGE IV

STAGED CONSTRUCTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

		BY	DATE	SIGNATURE
PROJ. MANAGER	M. WIGHT			
DESIGN-DETAILED	B. BARTLETT	D. SHAW		
CHECKED-REVIEWED				
DESIGN2-DETAILED2				
DESIGN3-DETAILED3				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

P.E. NUMBER

DATE

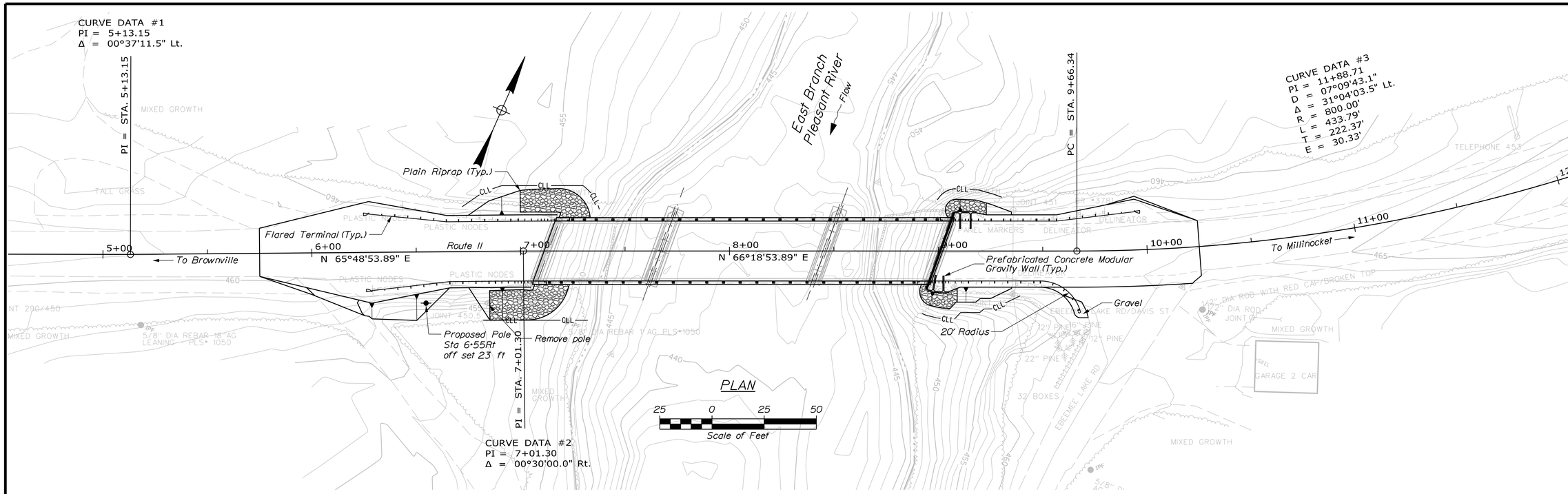
STATION 350 BRIDGE
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

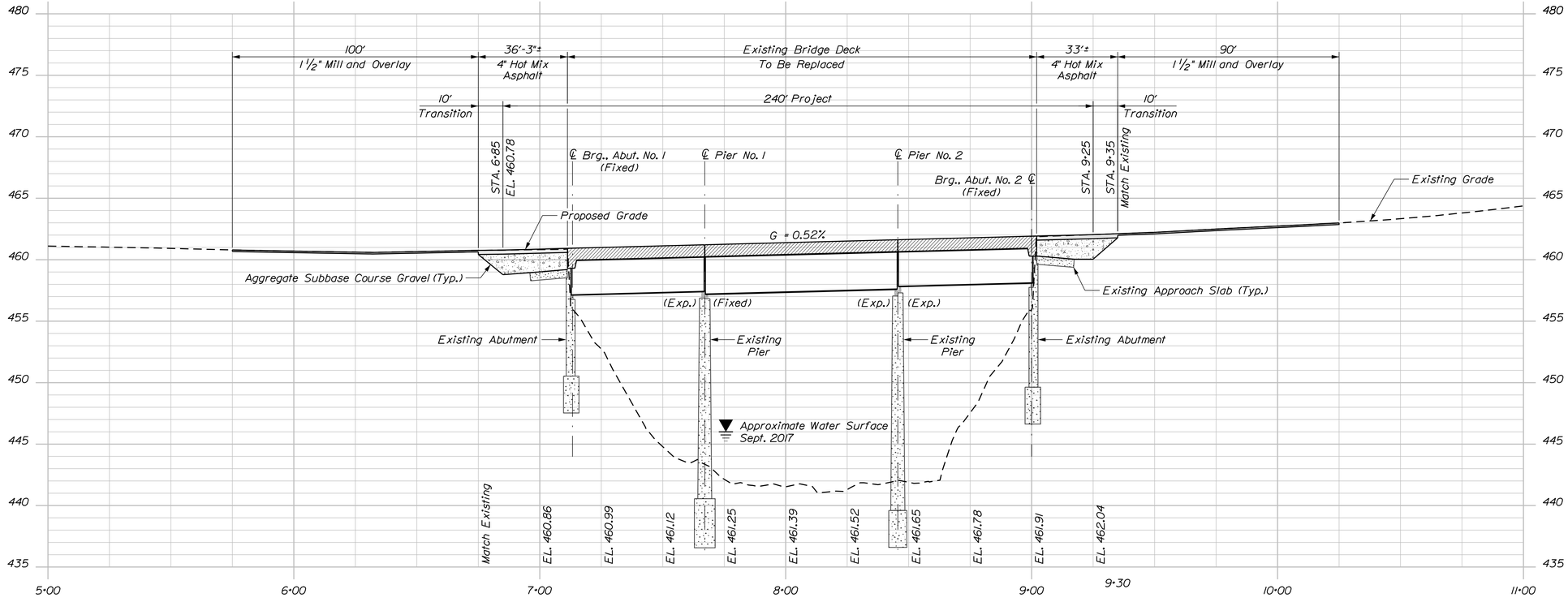
ESTIMATED QUANTITIES, GENERAL CONSTRUCTION NOTES AND STAGED CONSTRUCTION

SHEET NUMBER

2

OF 20





PROFILE

STATE OF MAINE
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WIN 021752.00

BRIDGE NO. 3781

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STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP PISCATAQUIS COUNTY

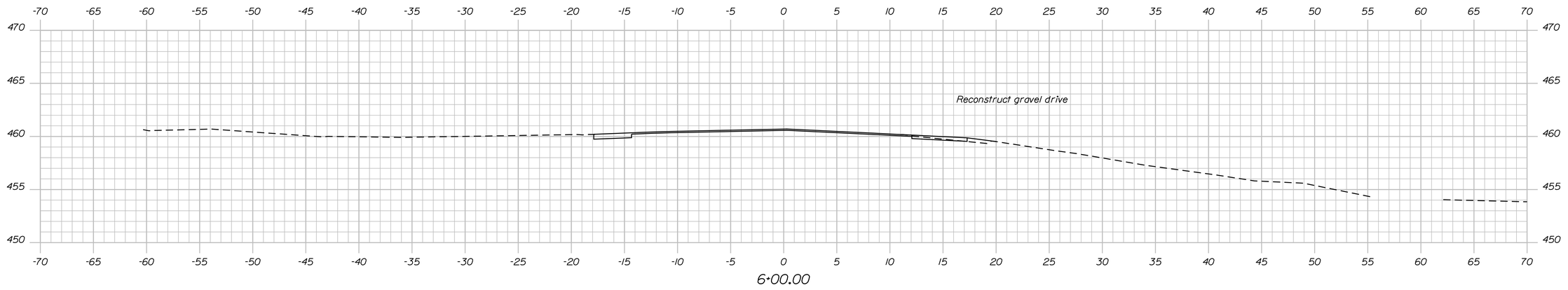
GENERAL PLAN AND PROFILE

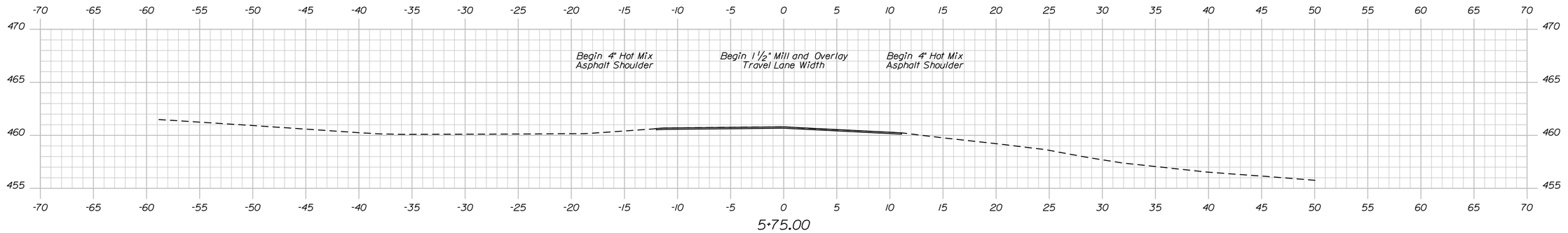
SHEET NUMBER

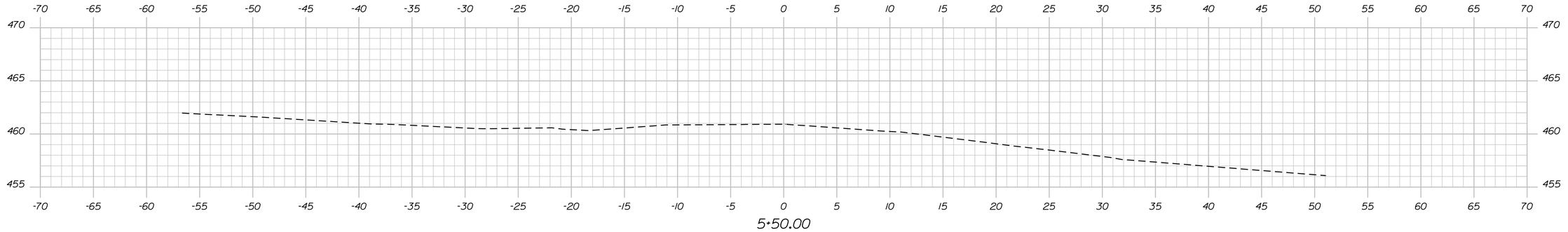
3

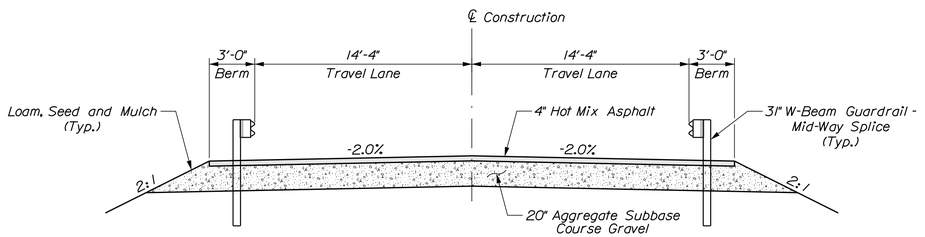
OF 20

Filename: ...\MSTA\003_GenPlan&Profile.dgn Division: BRIDGE Username: David.Shaw Date:12/10/2018

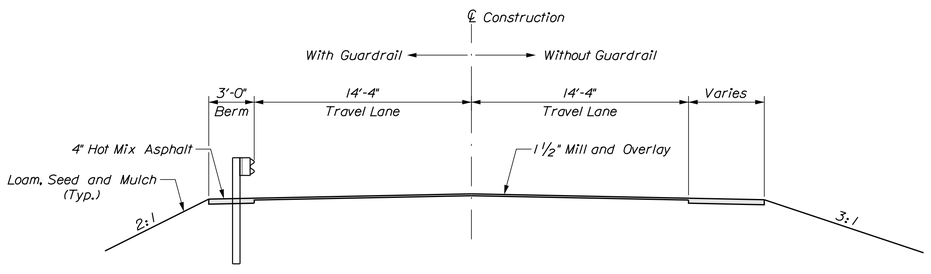








TYPICAL APPROACH SECTION



TYPICAL MILL AND OVERLAY SECTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

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021752.00

BRIDGE NO. 3781

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SIGNATURE

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STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

CROSS SECTIONS

SHEET NUMBER

4

OF 20

Sta. 5+50 to Sta. 6+00

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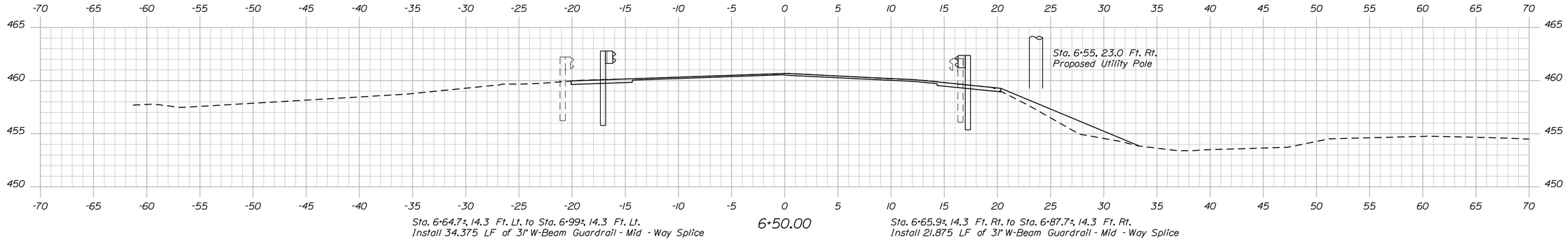

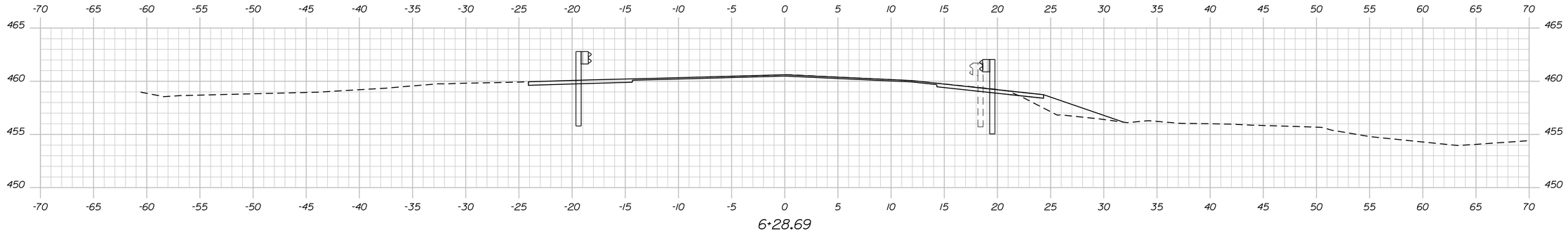

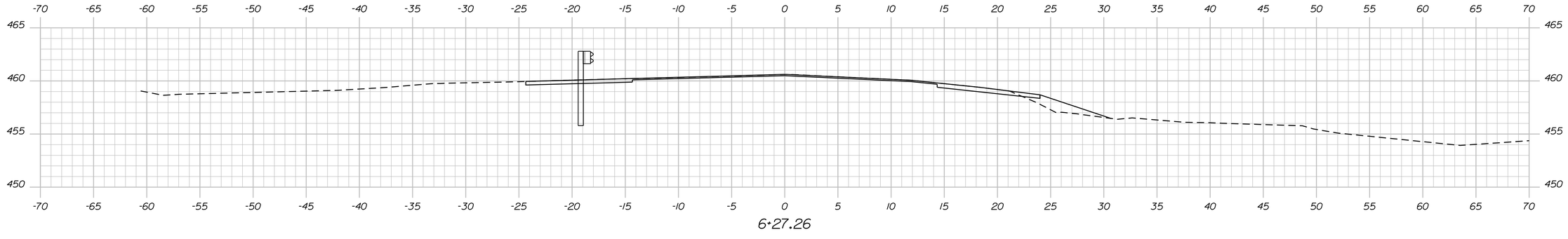

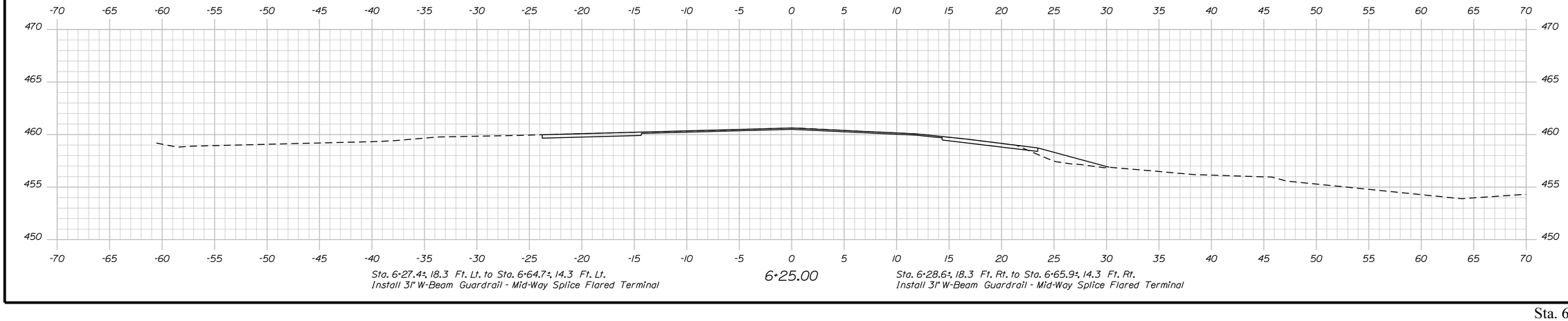

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STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

CROSS SECTIONS

SHEET NUMBER

5

OF 20

Username: David.Shaw Date:12/10/2018

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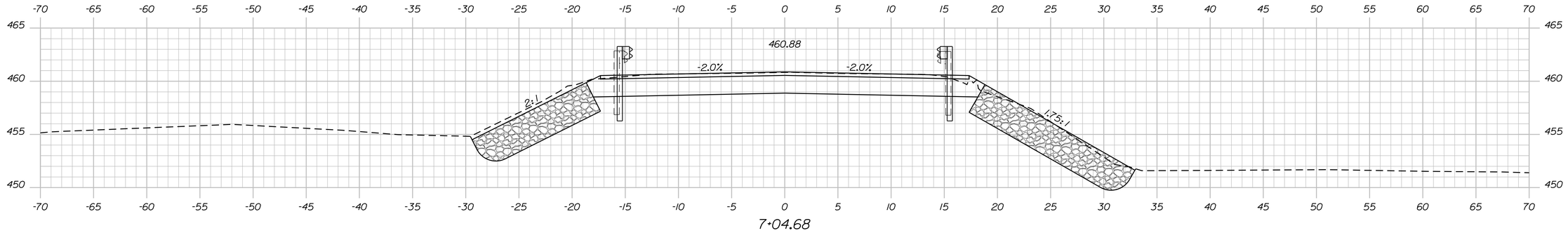
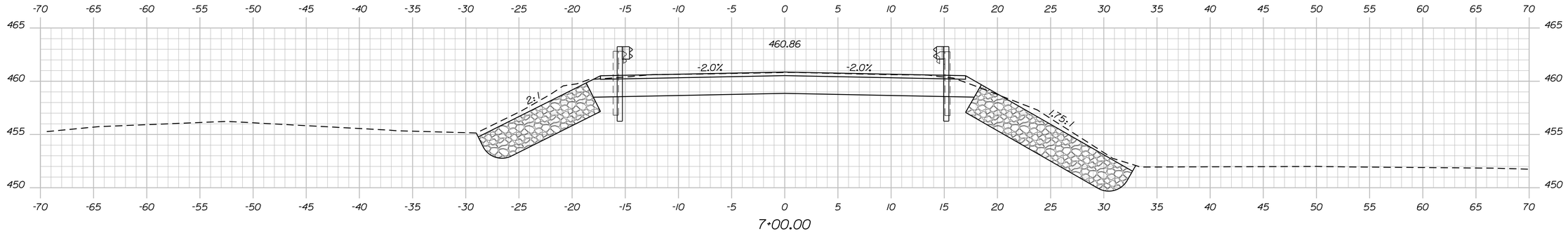
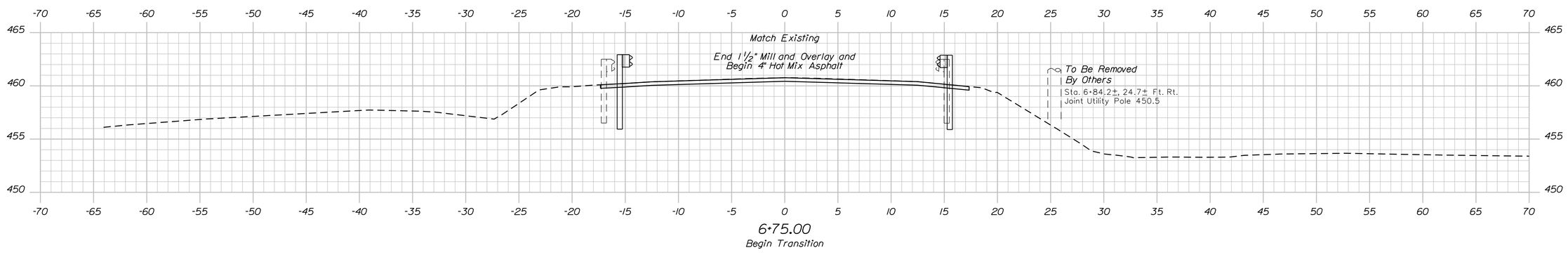
Sta. 6+25 to Sta. 6+50







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STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

CROSS SECTIONS

SHEET NUMBER

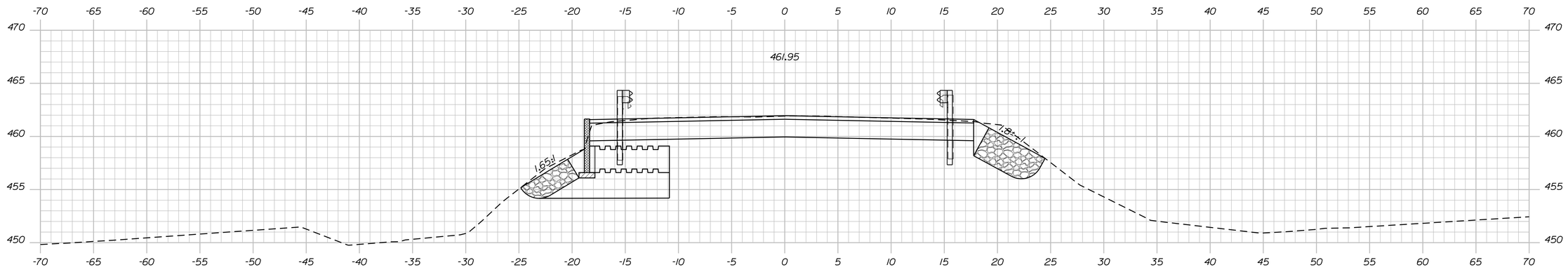
6

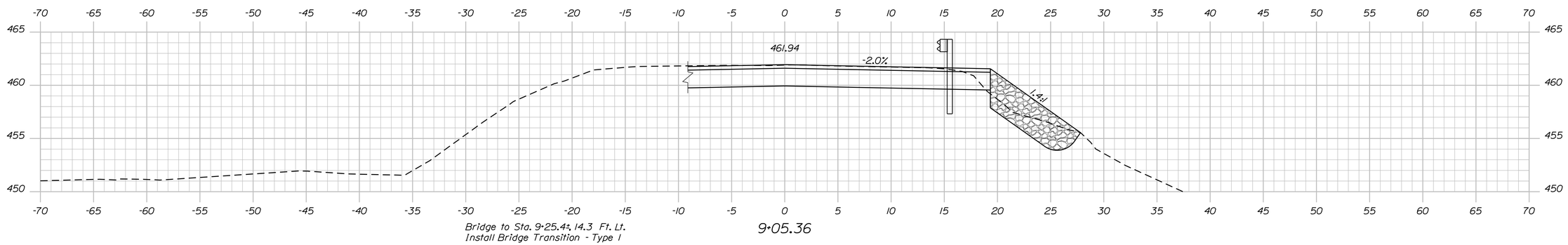
OF 20

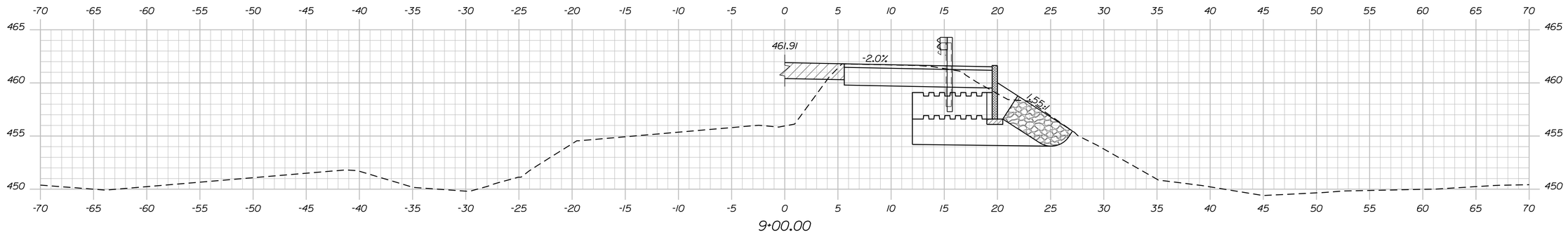
Sta. 6+75 to Sta. 7+05

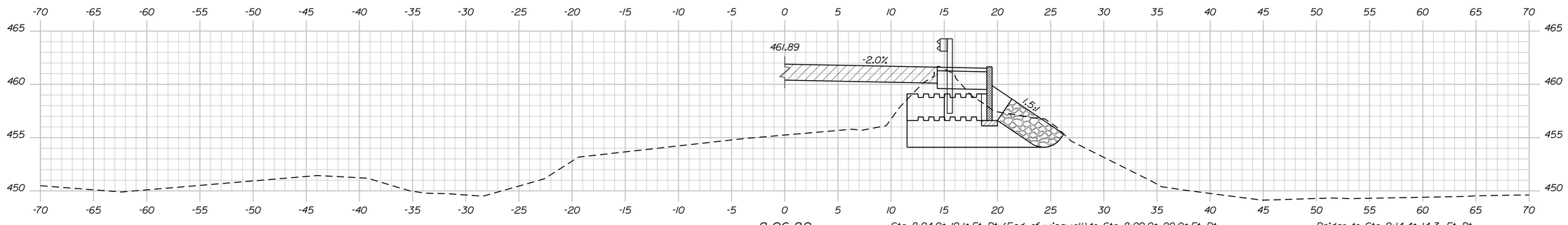
Username: David.Shaw Date:12/10/2018

Filename: ...\MSTA\006_XSECT_6+75-7+05.dgn Division: BRIDGE









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BRIDGE NO. 3781

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T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

CROSS SECTIONS

SHEET NUMBER

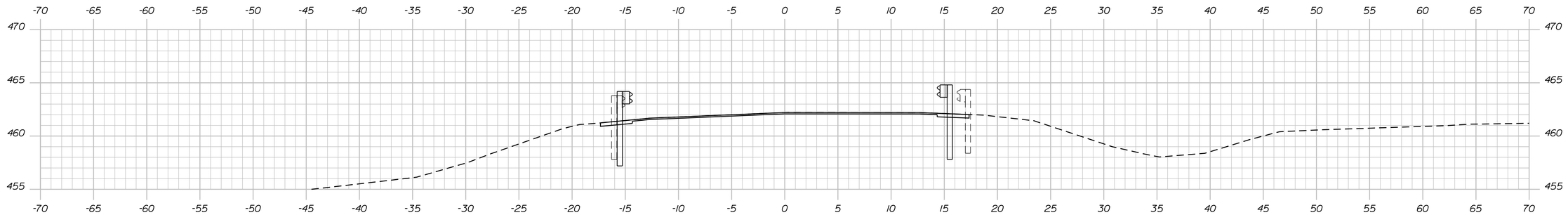
7

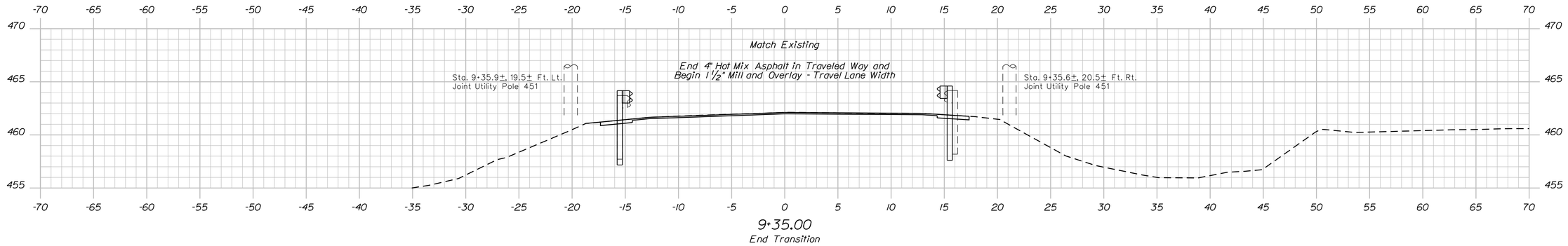
OF 20

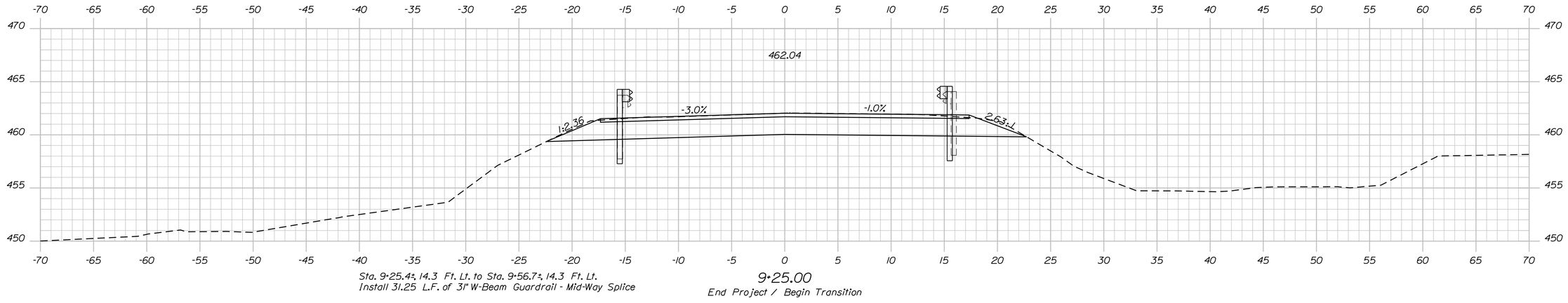
Sta. 8+96.82 to Sta. 9+08.51

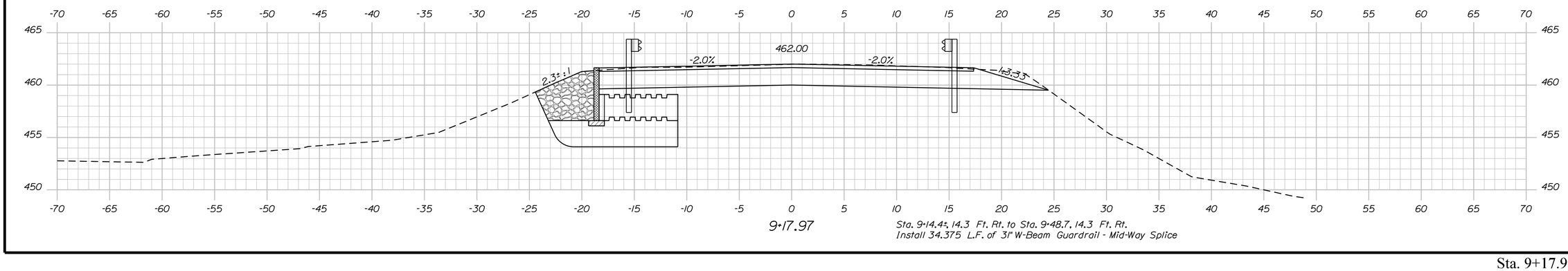
Username: David.Shaw Date:12/10/2018

Filename: ...\MSTA\007_XSECT_8+97-9+09.dgn Division: BRIDGE









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE
DESIGN-DETAILED	B. BARTLETT	D. SHAW	
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

CROSS SECTIONS

SHEET NUMBER

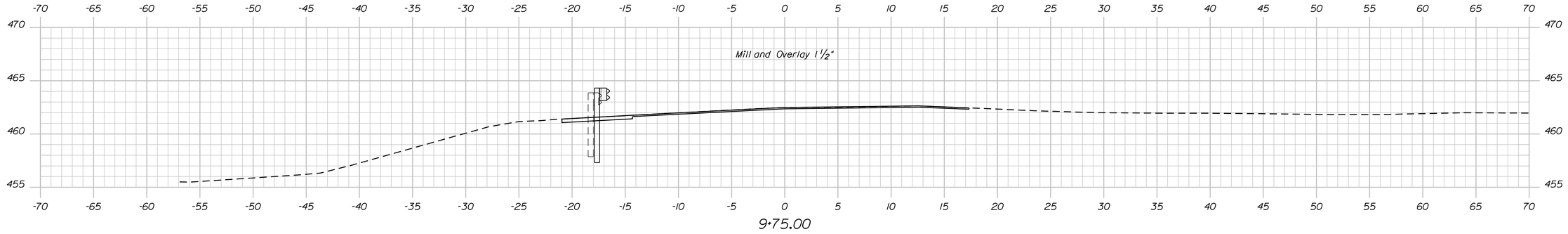
8

OF 20

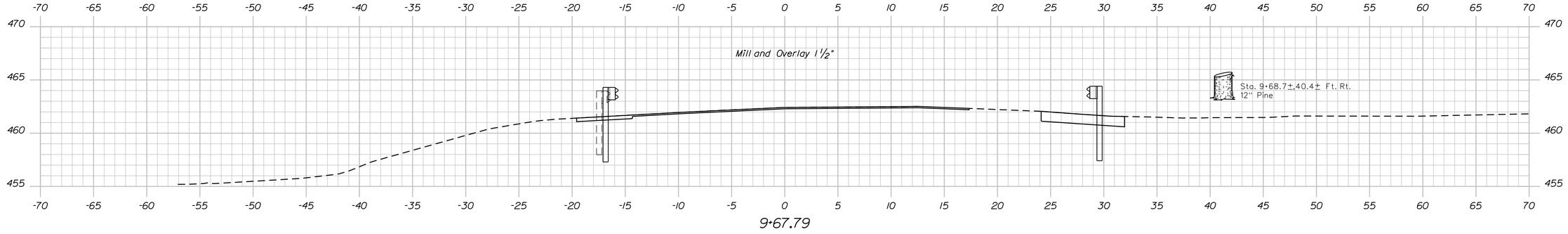
Sta. 9+17.97 to Sta. 9+48.86

Username: David.Shaw Date:12/10/2018

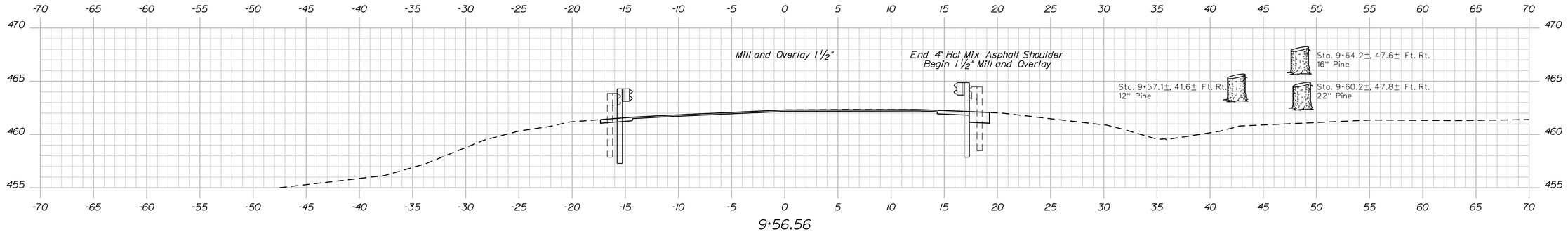
Filename: ...\MSTA\008_XSECT_9+18-9+49.dgn Division: BRIDGE



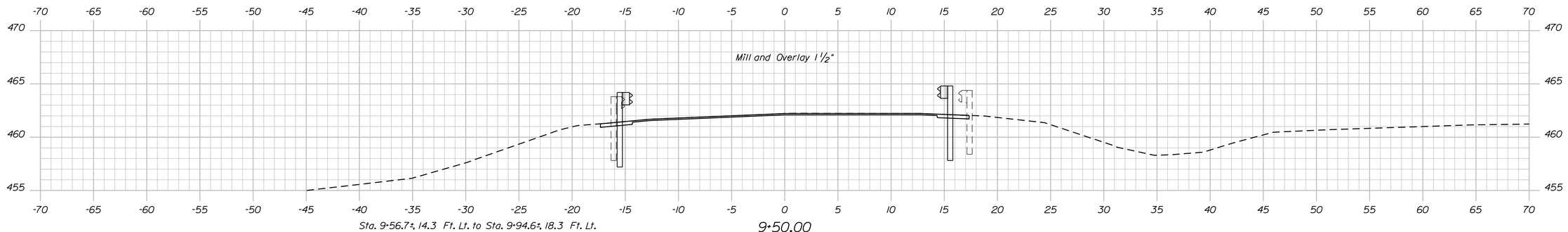
9+75.00



9+67.79



9+56.56



Sta. 9+56.7±, 14.3 Ft. Lt. to Sta. 9+94.6±, 18.3 Ft. Lt.
Install 31" W-Beam Guardrail - Mid-Way Splice Flared Terminal

9+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN
021752.00

BRIDGE NO. 3781

BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE
DESIGN-DETAILED	B. BARTLETT	D. SHAW	-----
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

CROSS SECTIONS

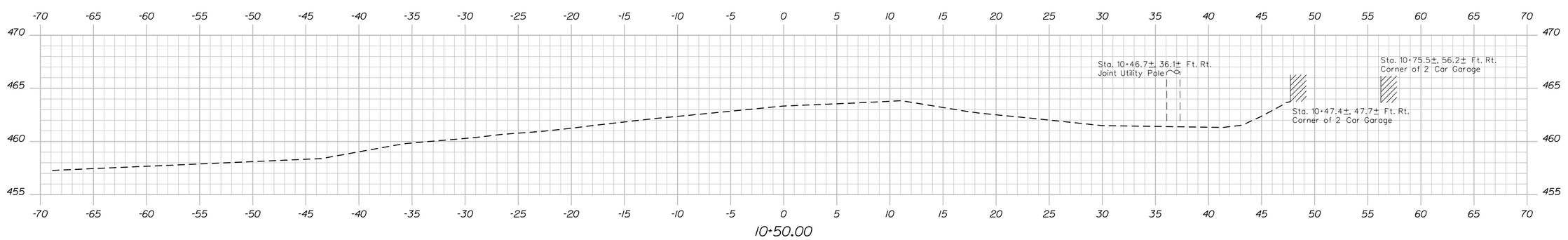
SHEET NUMBER

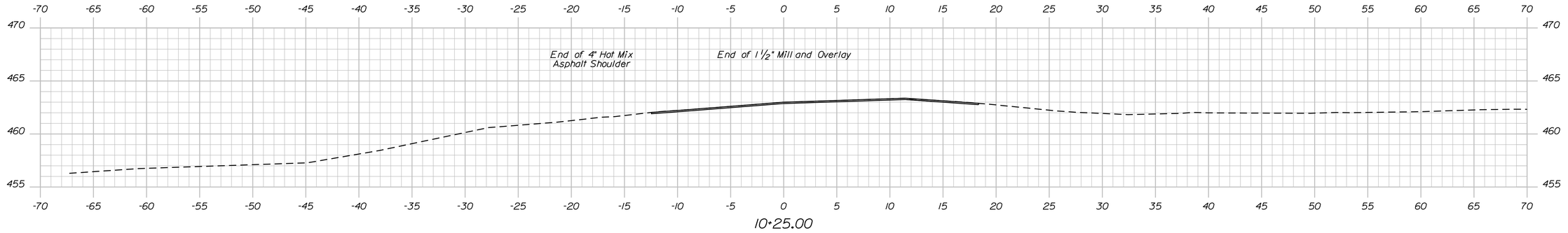
9

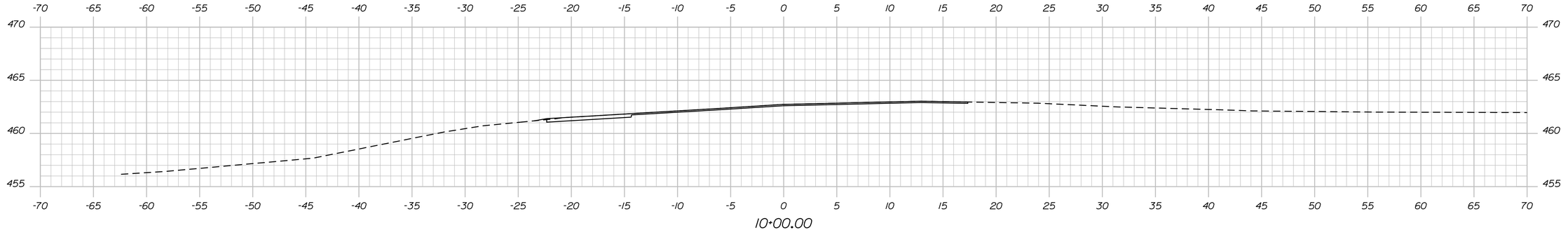
OF 20

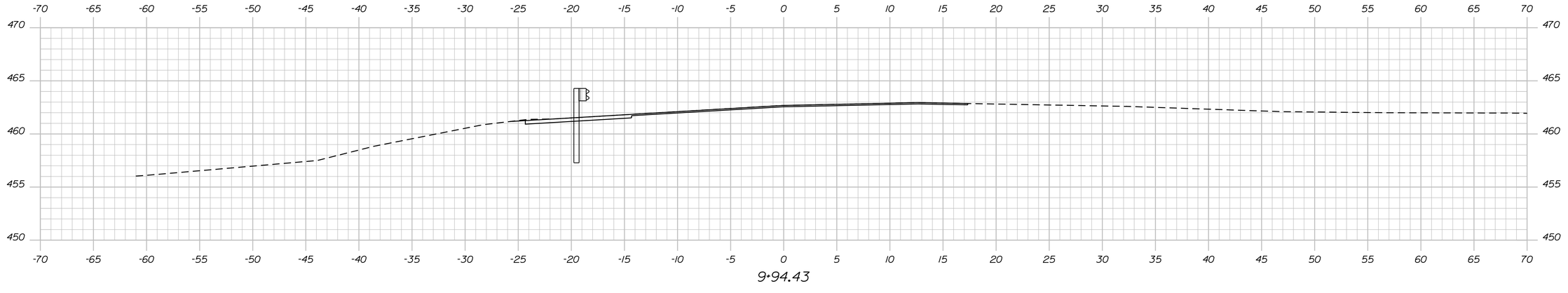
Sta. 9+50 to Sta. 9+75

Filename: ...\MSTA\009_XSECT_9+50-9+75.dgn Division: BRIDGE Username: David.Shaw Date:12/10/2018









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE
DESIGN-DETAILED	B. BARTLETT	D. SHAW	
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

CROSS SECTIONS

SHEET NUMBER

10

OF 20

Sta. 9+94.43 to Sta. 10+25.00

Username: David.Shaw Date:12/10/2018

Filename: ...\MSTA\010_XSECT_9+94-10+25.dgn Division: BRIDGE

PIER REHABILITATION NOTES:

1. The Contractor shall use care not to damage the existing reinforcing steel which is to remain. Any damaged reinforcing steel shall be replaced as directed by the Resident at no expense to the Department.

2. Reinforcing steel shall have 2 inches of cover unless otherwise noted.

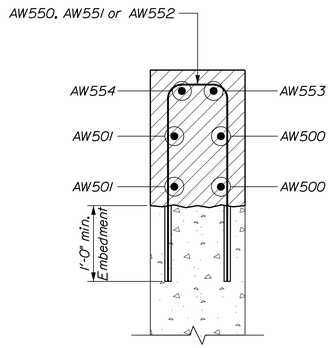
3. All dimensions based on or related to the existing bridge shall be verified in the field by the Contractor.

4. All exposed edges of concrete shall have a ¾" chamfer unless noted otherwise.

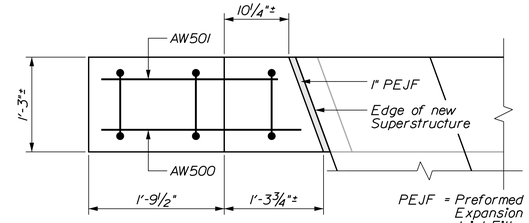
5. Where drilling and anchoring reinforcement is specified, the Contractor shall use a material listed on the Maine Department of Transportation Qualified Products List of Concrete Adhesive Anchor Systems. The depth of embedment shall be sufficient to develop 125% of the yield strength of the bar per the manufacturer's recommendations or 12 inches, whichever is greater. Proposed anchoring material and embedment depth shall be submitted for approval. No separate payment will be made for drilling and anchoring of reinforcing steel, but shall be incidental to the related concrete pay item.

6. Reinforcing for the pier rehabilitation area shall be spaced to prevent interference during drilling for the new bearing anchor rods.

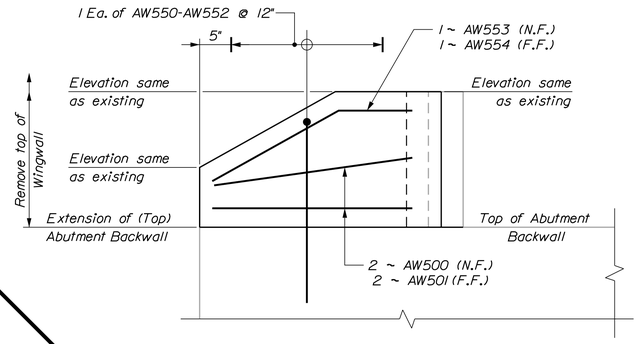
7. Payment for concrete repair work shall be made under Pay Item 518.61, Repair of Vertical Surfaces ≥ 8 inches.



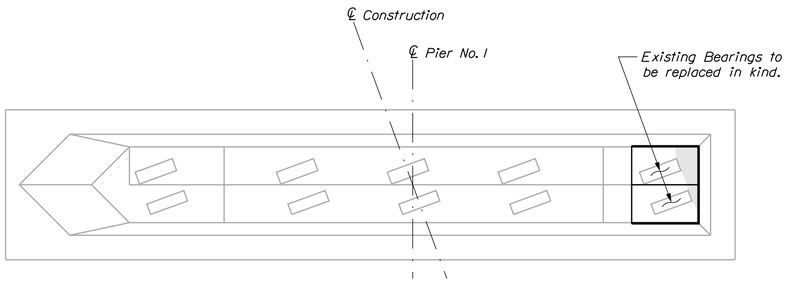
ABUTMENT WINGWALL SECTION



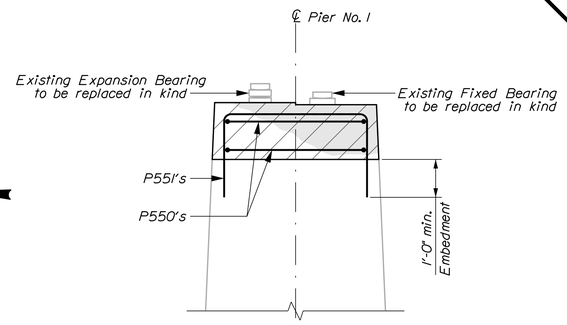
ABUTMENT WINGWALL PLAN



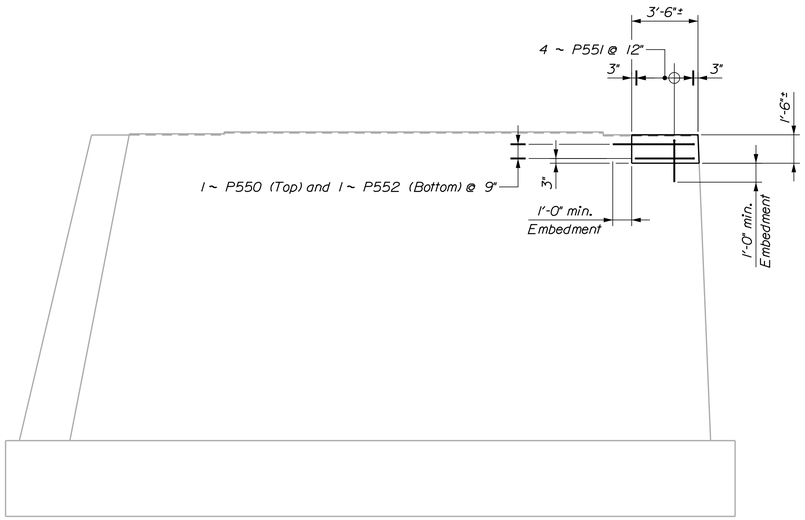
ABUTMENT WINGWALL ELEVATION
Abutment No. 1 Downstream Wingwall shown
All other wingwalls similar



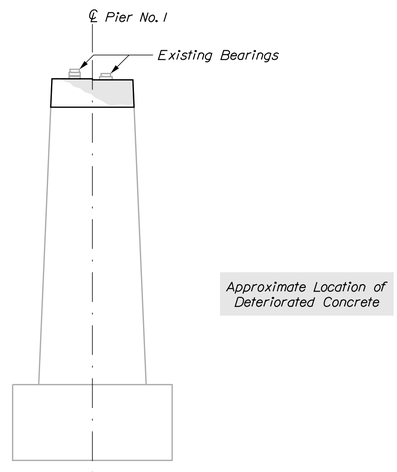
PIER NO. 1 PLAN



TOP SOUTH SECTION OF PIER NO. 1

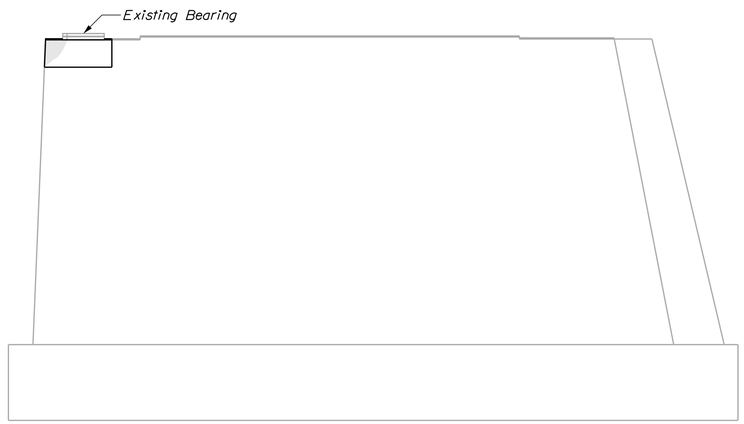


PIER NO. 1 ELEVATION - WEST SIDE



PIER NO. 1 - SOUTH SIDE

Approximate Location of Deteriorated Concrete



PIER NO. 1 ELEVATION - EAST SIDE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

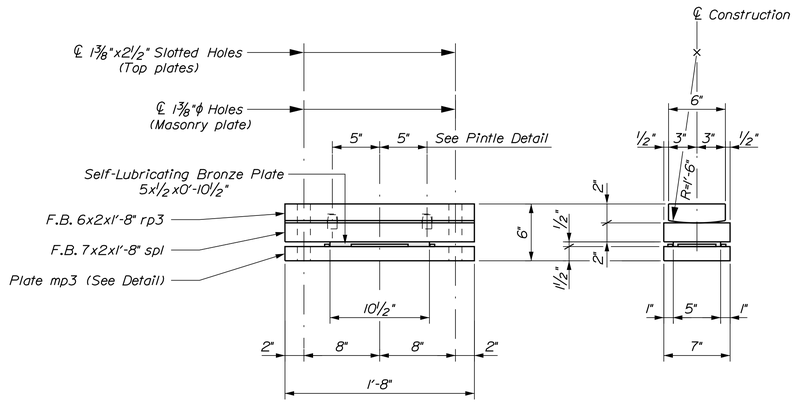
PROJ. MANAGER	M. WIGHT		DATE
DESIGN-DETAILED	B. BARTLETT	D. SHAW	
CHECKED-REVIEWED	-----	-----	SIGNATURE
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	P.E. NUMBER
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	DATE
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

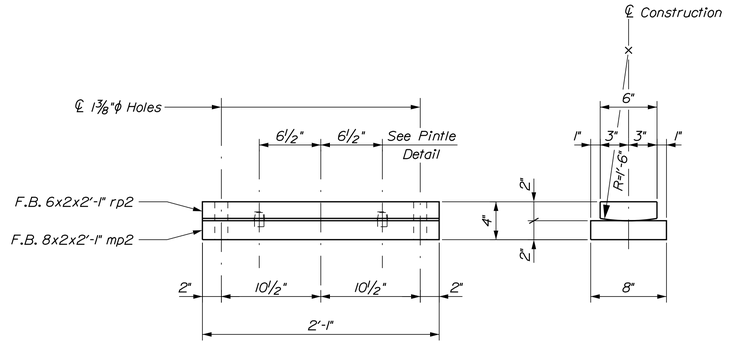
PIER NO. 1 AND ABUTMENT WINGWALL REHABILITATION

SHEET NUMBER
11
OF 20

Filename: ...\011_Pier_No1_&_Abutment_Wingwall_Rehabilitation.dgn Username: David.Shaw Date:12/10/2018



EXPANSION BEARING



FIXED BEARING

BEARING NOTES

1. Dimensions based on record plans. All dimensions shall be field verified prior to fabrication.

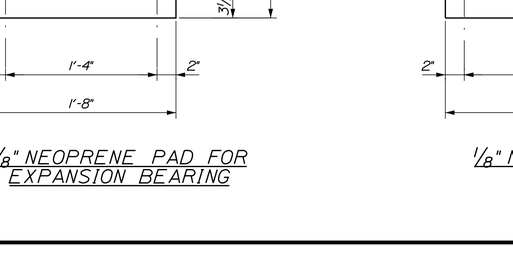
2. Bearings and anchor bolts for the downstream fascia beams are to be removed and replaced in kind at Pier 1 only.

3. Anchor rods shall be swedged or threaded on the embedded portion. Embedment depths shall be a minimum of 12".

4. All structural steel components of new bearings shall conform to ASTM A 572, Grade 50 and shall be galvanized, with no top coating.

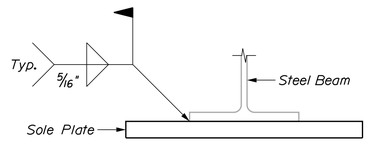
5. Pintles shall be stainless steel, Type 304.

6. The Contractor shall not weld the beams to the sole plate until after all adjustments have been made in accordance with Standard Specification Section 523.09.4.

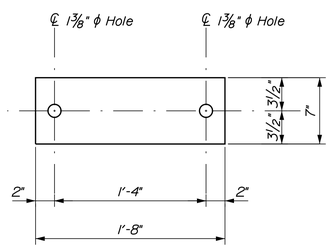


DETAIL mp3

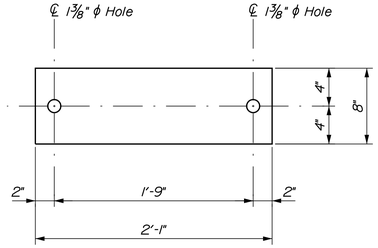
PINTLE DETAIL



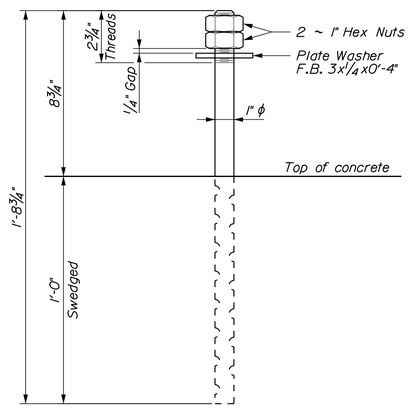
BEARING TO BEAM ATTACHMENT



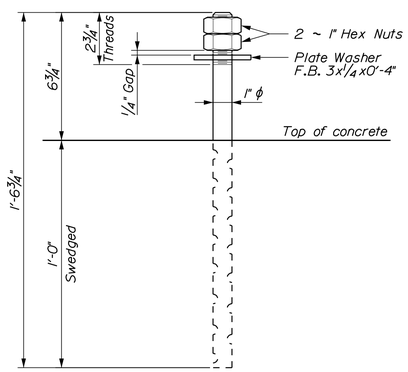
⅛" NEOPRENE PAD FOR EXPANSION BEARING



⅛" NEOPRENE PAD FOR FIXED BEARING



EXPANSION



FIXED

ANCHOR BOLTS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

	BY	DATE
PROJ. MANAGER	M. WIGHT	
DESIGN-DETAILED	B. BARTLETT	-----
CHECKED-REVIEWED	-----	-----
DESIGN2-DETAILED2	-----	-----
DESIGN3-DETAILED3	-----	-----
REVISIONS 1	-----	-----
REVISIONS 2	-----	-----
REVISIONS 3	-----	-----
REVISIONS 4	-----	-----
FIELD CHANGES	D. SHAW	-----

SIGNATURE

P.E. NUMBER

DATE

STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

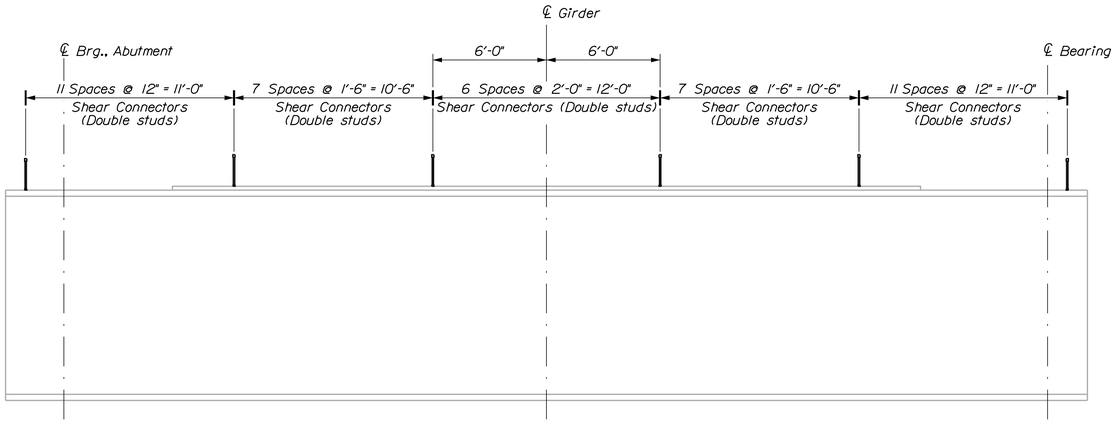
BEARING DETAILS

SHEET NUMBER

12

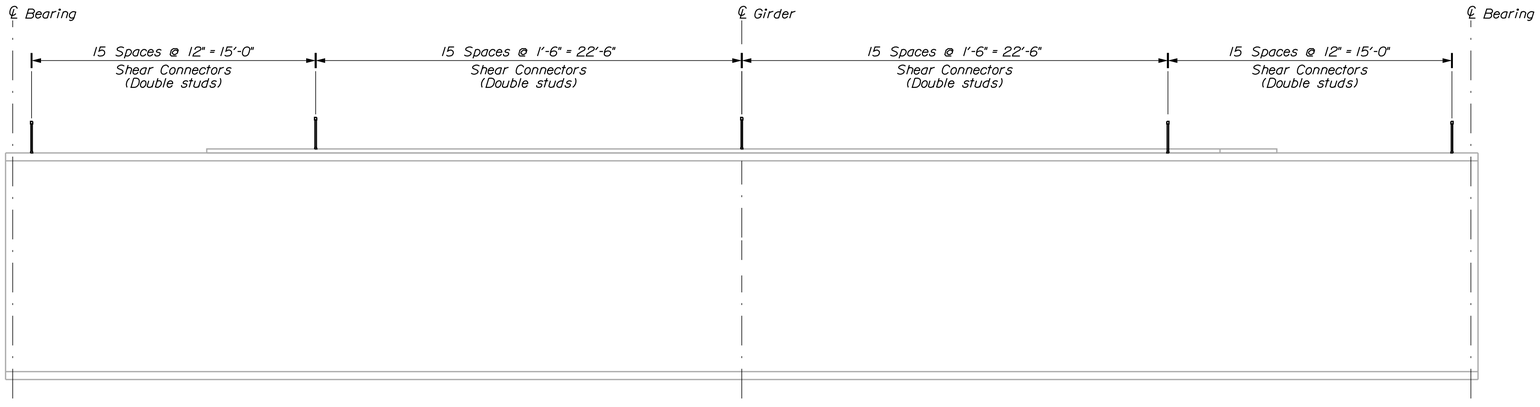
OF 20

Filename: ...\BRIDGE\MSTA\012_Bearings.dgn Division: BRIDGE Username: David.Shaw Date:12/10/2018



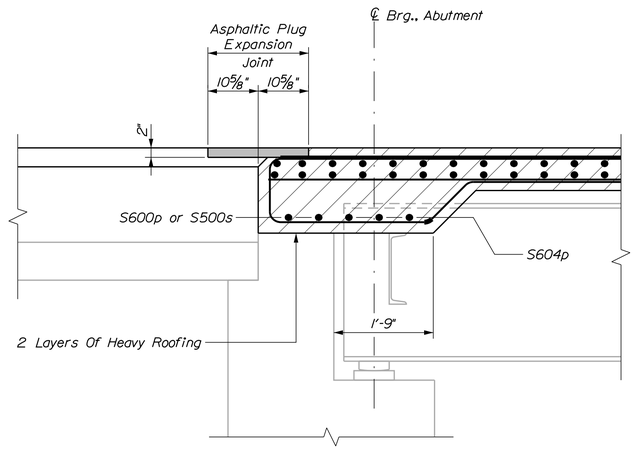
SPAN NO. 1

86 Shear Studs per Girder
Span No. 3 Similar stud layout



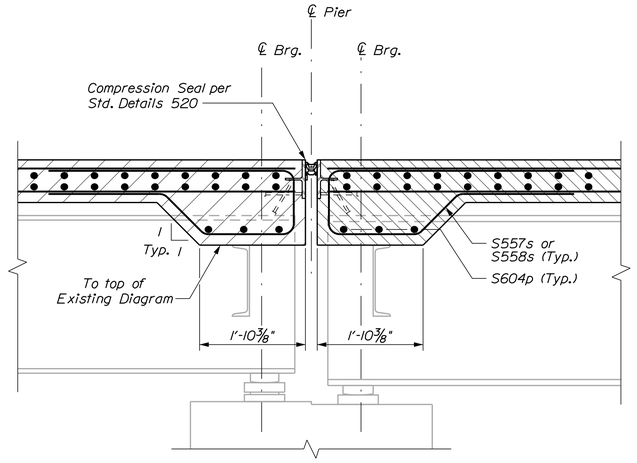
SPAN NO. 2

122 Shear Studs per Girder



SECTION AT ABUTMENT

Section cut along centerline of construction



SECTION AT PIER

Pier No. 1 shown cut along centerline construction
Pier No. 2 Opposite Hand

Temp (°F)	"X" (in) at Pier 1 (CV2000/WA200)	"X" (in) at Pier 2 (CV3500)	"X" (in) at Pier 2 (WA400)
0	1.52	2.63	3.06
15	1.46	2.47	2.90
30	1.39	2.32	2.75
45	1.33	2.16	2.59
60	1.26	2.00	2.43
75	1.19	1.85	2.28
90	1.13	1.69	2.12

For Dimension "X", refer to Standard Details

SHEAR STUD NOTES

1. Prior to installing the proposed shear studs, the Contractor shall clean the top flange so that it is free of debris, rust, scale, oil, and other contaminates that would adversely affect the welding operation. Payment for cleaning the top flange for installation of the proposed shear studs will be considered incidental to the shear stud item.

2. Existing shear connectors (studs and channel shapes) shall be removed such that they project one-inch maximum above the top of the existing top flange unless they conflict with the installation of the new shear connectors or any other work. If the existing shear connectors interfere with installation of the new shear connectors or any other work, they shall be removed completely and ground flush with the top flange. All costs associated with this work shall be incidental to related contract items.

ASPHALTIC PLUG JOINT NOTES

1. Steel bridging plates as specified in Special Provision 520 is not required.

STATE OF MAINE
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STP-2175(200)

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BRIDGE NO. 3781

BRIDGE PLANS

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FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

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STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

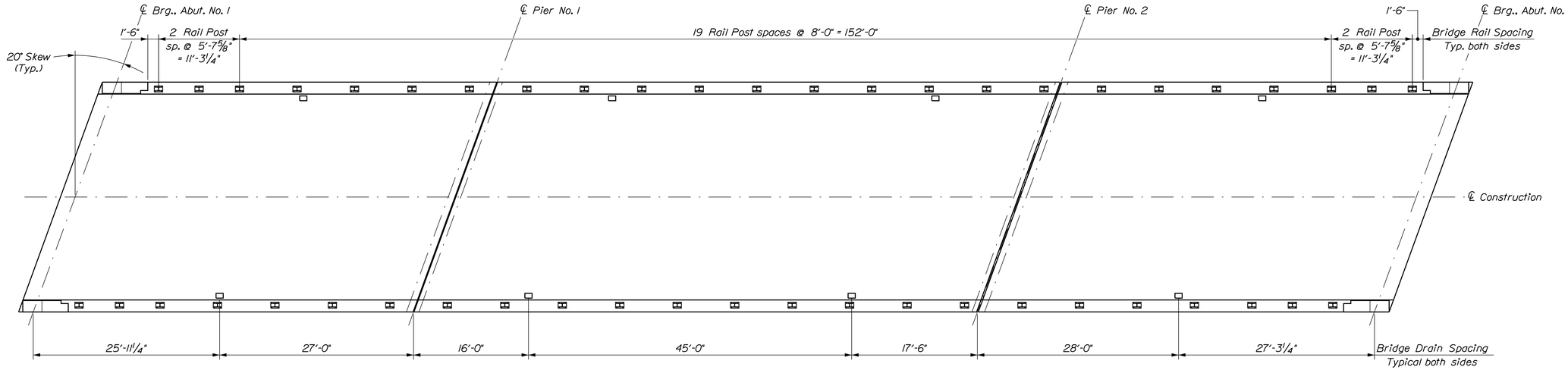
SHEAR STUD LAYOUT AND SUPERSTRUCTURE JOINTS

SHEET NUMBER

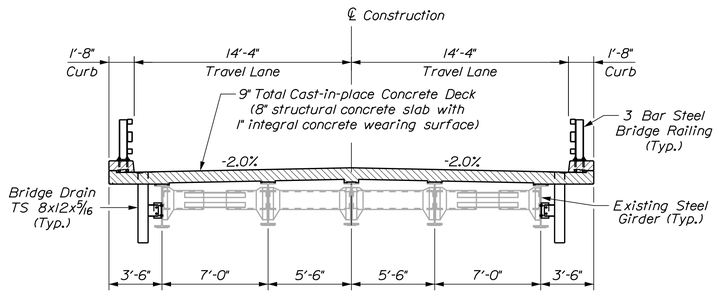
13

OF 20

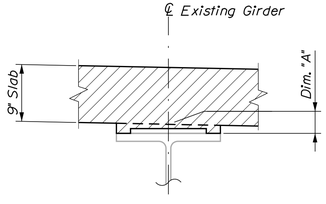
Filename: ...\013_Shear_Stud_Layout_SJD.dgn Division: BRIDGE Username: David.Shaw Date:12/10/2018



SUPERSTRUCTURE PLAN

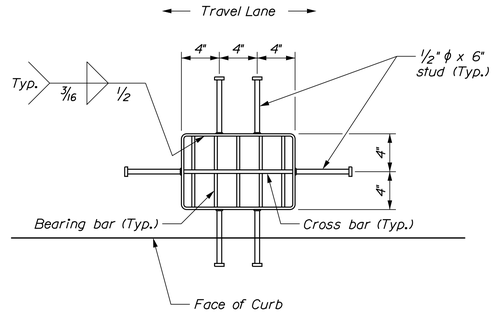


PROPOSED BRIDGE SECTION
Span 1 and 3 shown
Span 2 similar



BLOCKING DETAIL

Theoretical Blocking	
Girder	Dim. "A"
G1	1.5"
G2	1.5"
G3	2.75"
G4	1.5"
G5	1.5"



PLAN

BRIDGE DRAIN TYPE "C" MODIFICATION
See Standard Details Section 502 for additional information

SUPERSTRUCTURE NOTES

1. Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.

2. Adjust reinforcing steel to fit around the bridge drains in a manner approved by the Resident. Do not cut transverse reinforcing bars.

3. Form a one inch V-groove on the fascias at the horizontal joint between the curb and slab.

4. The superstructure slab concrete for each span shall be placed in one continuous operation and shall be kept plastic until the entire placement has been made.

5. The formwork and its supports, over the full width of the structural slab, shall remain in place until a minimum of 48 hours has elapsed after placement of the final section of the slab. After this period, removal of formwork for sections meeting the requirements for form removal of Standard Specifications Section 502, Structural Concrete, may proceed.

6. Precast Deck Panels will not be permitted as a substitute to the cast-in-place concrete.

7. The seal(s) to be furnished shall have minimum Movement Rating(s) as follows:

   Pier No. 1 = 0.75 inch
   Pier No. 2 = 1.625 inch

8. The Contractor shall install Transition Barrier vertical closed stirrups, as shown in Standard Details Section 526, prior to the placement of the curb or sidewalk concrete. All reinforcing steel in the Transition Barrier shall be stainless steel.

9. The Contractor shall stagger splice locations of longitudinal bars.

10. Anchor rods for the steel bridge rail posts shall be shortened by 1" to provide additional clearance between the top of deck and bottom of anchor rod.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE
DESIGN-DETAILED	B. BARTLETT	D. SHAW	
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

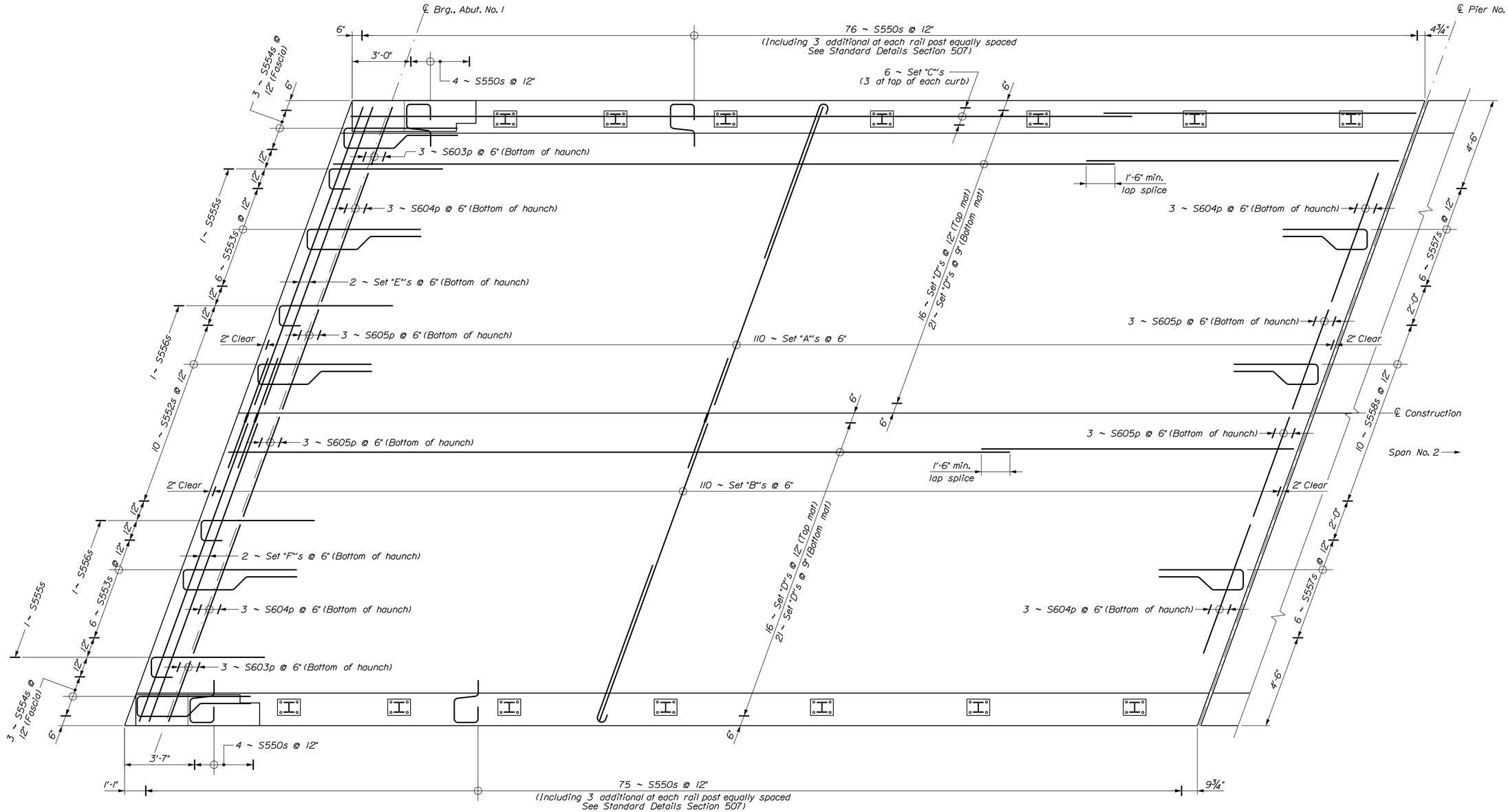
P.E. NUMBER

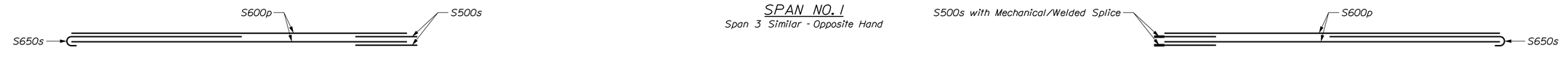
DATE

STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

SUPERSTRUCTURE AND SUPERSTRUCTURE SECTIONS

SHEET NUMBER
14
OF 20





SET A

SET B

SPAN NO. 1

Span 3 Similar - Opposite Hand

Set A: 2 ~ S600p, 1 ~ S650s and 2 ~ S500s
Set B: 2 ~ S600p, 1 ~ S650s and 2 ~ S500s with Mechanical/Welded Splices
Set C: 1 ~ S501s and 1 ~ S502s
Set D: 1 ~ S601p and 1 ~ S602p
Set E: 1 ~ S600p and 1 ~ S500s
Set F: 1 ~ S600p and 1 ~ S500s with Mechanical/Welded Splice

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE
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DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

SUPERSTRUCTURE -
SPAN NO. 1 REINFORCEMENT

SHEET NUMBER

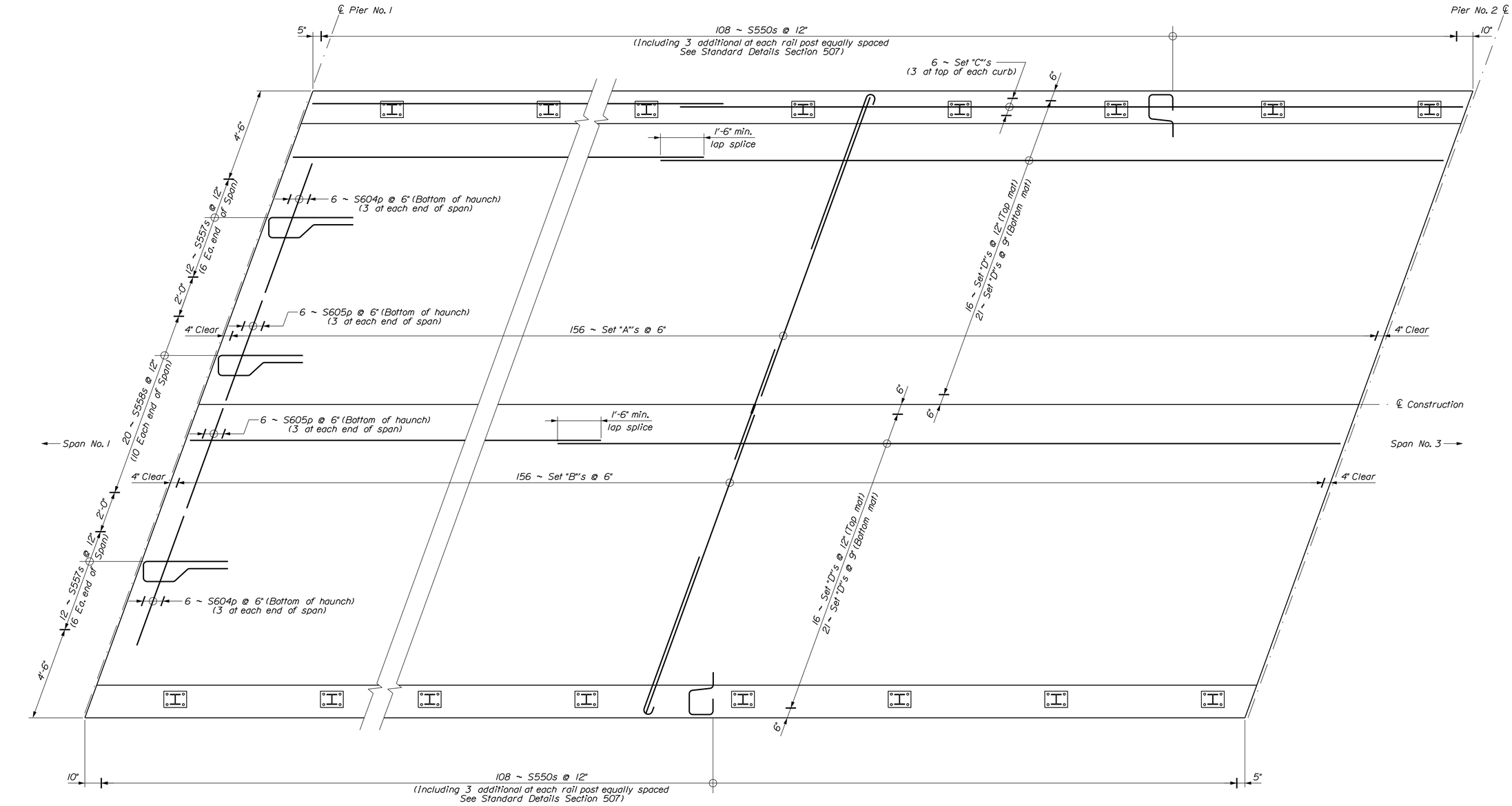
15

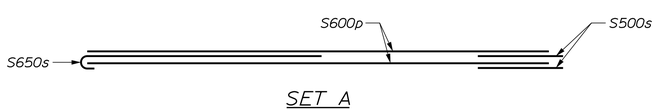
OF 20

Username: David.Shaw Date:12/10/2018

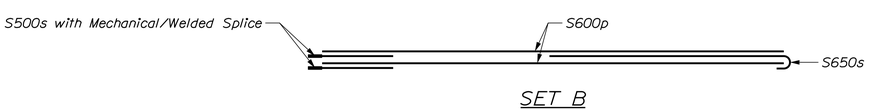
Division: BRIDGE

Filename: ...\MSTA\015_Span_No1_Rebar.dgn





SET A



SET B

Set A: 2 ~ S600p, 1 ~ S650s and 2 ~ S500s
Set B: 2 ~ S600p, 1 ~ S650s and 2 ~ S500s with Mechanical/Welded Splices
Set C: 2 ~ S501s
Set D: 2 ~ S601p

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE
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DESIGN2-DETAILED2	-----	-----	-----
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REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

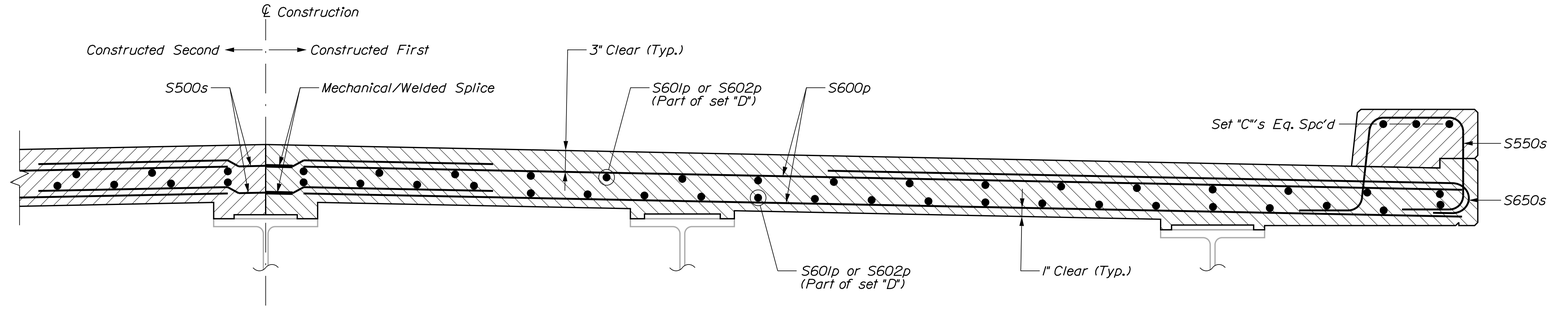
STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

SUPERSTRUCTURE - SPAN NO. 2 REINFORCEMENT

SHEET NUMBER

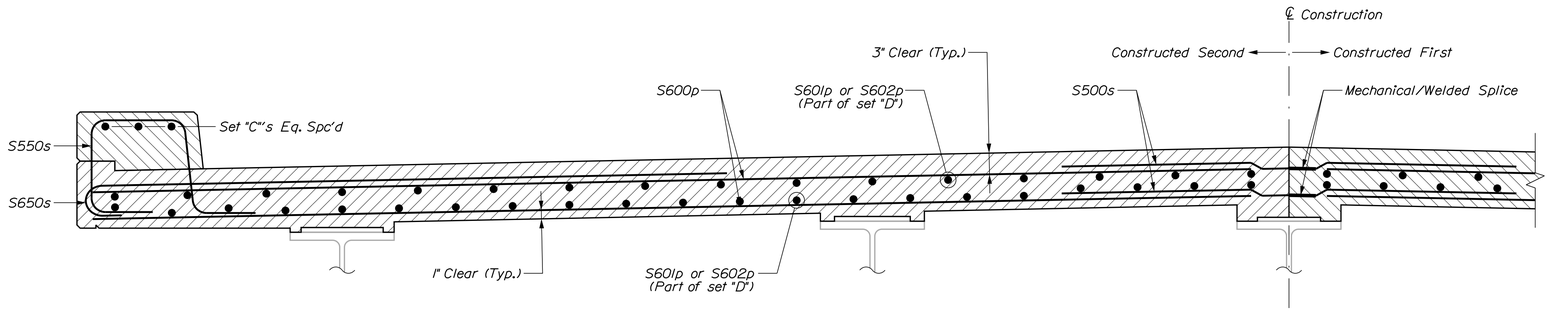
16

OF 20



S600p: p = Glass Fiber Reinforced Polymer
S650s: s = Stainless Steel

SUPERSTRUCTURE SECTION
First Concrete Placement



SUPERSTRUCTURE SECTION
Second Concrete Placement

Bottom of Slab Elevations in Feet - Span 1											
Girder	Abut. No. 1	1st Tenth	2nd Tenth	3rd Tenth	4th Tenth	5th Tenth	6th Tenth	7th Tenth	8th Tenth	9th Tenth	Pier No. 1
1	459.96	459.99	460.04	460.08	460.12	460.14	460.17	460.19	460.21	460.22	460.23
2	460.08	460.12	460.17	460.21	460.23	460.26	460.29	460.32	460.33	460.34	460.36
3	460.18	460.22	460.26	460.30	460.32	460.36	460.38	460.41	460.42	460.44	460.46
4	460.06	460.10	460.15	460.18	460.21	460.24	460.27	460.30	460.31	460.32	460.34
5	459.91	459.95	459.99	460.03	460.07	460.10	460.12	460.14	460.16	460.17	460.19

Bottom of Slab Elevations in Feet - Span 2											
Girder	Pier No. 1	1st Tenth	2nd Tenth	3rd Tenth	4th Tenth	5th Tenth	6th Tenth	7th Tenth	8th Tenth	9th Tenth	Pier No. 2
1	460.24	460.31	460.37	460.43	460.48	460.53	460.56	460.59	460.61	460.63	460.64
2	460.37	460.43	460.50	460.55	460.61	460.65	460.69	460.71	460.74	460.75	460.77
3	460.47	460.54	460.60	460.66	460.71	460.75	460.79	460.82	460.84	460.86	460.87
4	460.35	460.41	460.48	460.53	460.59	460.63	460.67	460.69	460.72	460.73	460.75
5	460.19	460.26	460.32	460.38	460.44	460.49	460.52	460.55	460.57	460.59	460.60

Bottom of Slab Elevations in Feet - Span 3											
Girder	Pier No. 2	1st Tenth	2nd Tenth	3rd Tenth	4th Tenth	5th Tenth	6th Tenth	7th Tenth	8th Tenth	9th Tenth	Abut. No. 2
1	460.65	460.70	460.74	460.78	460.82	460.84	460.87	460.89	460.91	460.93	460.93
2	460.78	460.82	460.87	460.90	460.93	460.97	460.99	461.02	461.03	461.04	461.06
3	460.88	460.92	460.95	460.99	461.03	461.06	461.09	461.11	461.12	461.14	461.16
4	460.76	460.80	460.84	460.88	460.91	460.95	460.97	461.99	461.01	461.02	461.04
5	460.61	460.65	460.69	460.73	460.77	460.80	460.82	460.84	460.86	460.88	460.89

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE
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REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

SUPERSTRUCTURE SECTION AND
BOTTOM OF SLAB ELEVATIONS

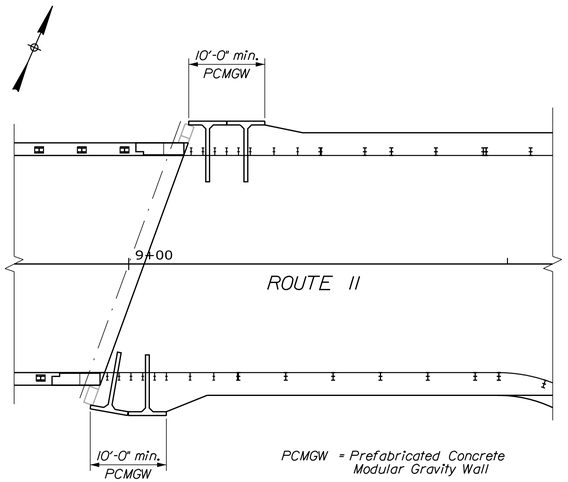
SHEET NUMBER

17

OF 20

Username: David.Shaw Date:12/10/2018

Filename: ...\017_Superstructure_Section_Rebar.dgnDivision: BRIDGE



PCMGW = Prefabricated Concrete Modular Gravity Wall

PLAN

PREFABRICATED CONCRETE MODULAR GRAVITY WALL NOTES

1. The Contractor shall provide a Prefabricated Concrete Modular Gravity (PCMG) Wall in accordance with Standard Specifications Section 674. The PCMG Wall shall be designed and stamped by a licensed Professional Engineer and the design shall be submitted to the Department for review. Plan details are shown for estimating purposes only.

2. The Contractor shall select an approved precast wall system meeting Standard Specification Section 674 from the MaineDOT Qualified Products List and submit to the Resident for approval.

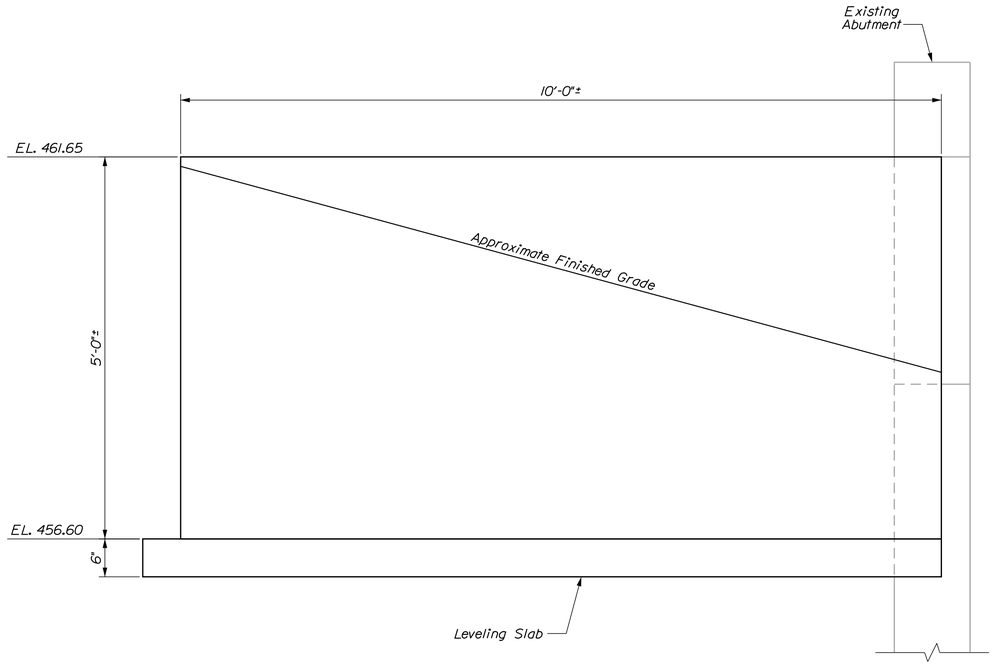
3. The factored bearing pressure for PCMG Walls shall not exceed the factored bearing resistance of 4 ksf for the strength limit state. The factored bearing pressure for the service limit state shall not exceed the factored bearing resistance of 4 ksf. The factored bearing pressuer for the extreme limit state shall not exceed 9 ksf.

4. Excavate the entire footprint of the proposed wall to a minimum of 2 feet below the proposed bearing elevation of the concrete pad and replace any unsuitable material at the subgrade level with Gravel Borrow compacted to a minimum of 95% AASHTO T180.

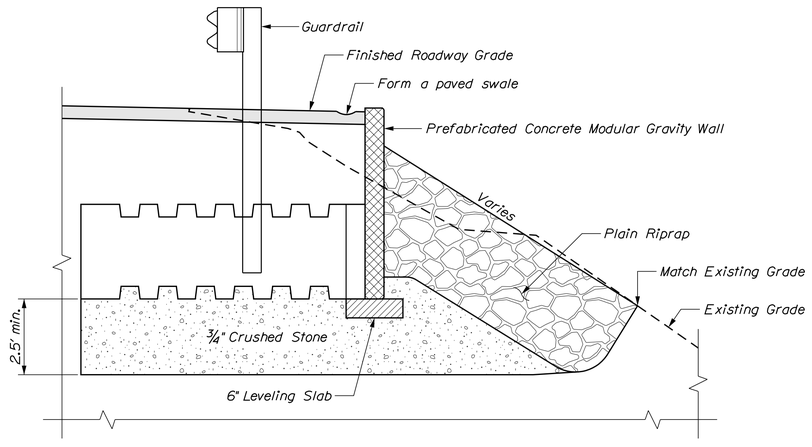
5. Compact subgrade with at least three passes of a walk behind vibratory compactor.

6. Place ¾" crush stone compacted to 95% AASHTO T180 to the bottom elevation of the concrete pad. ¾" crush stone shall be considered incidental to (PCMGW) pay items.

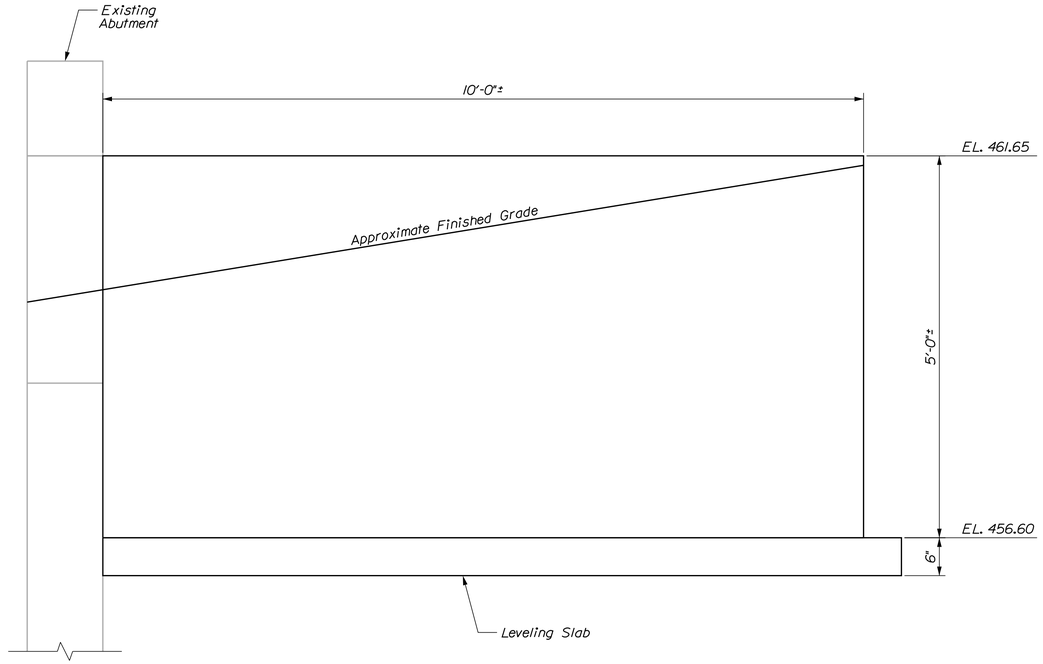
7. The Contractor shall place the Prefabricated Concrete Modular Gravity Wall (PCMGW) units such that the units don't conflict with the driven guardrail posts for the approach guardrail. The Contractor shall use care not to damage the PCMGW units when driving approach guardrail. Any PCMGW unit damaged by the placement of guardrail posts shall be repaired or replaced at no expense to the Department.



NORTHEAST WALL ELEVATION



PREFABRICATED CONCRETE MODULAR GRAVITY WALL SECTION



SOUTHEAST WALL ELEVATION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

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REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

PREFABRICATED CONCRETE MODULAR GRAVITY WALL

SHEET NUMBER

18

OF 20

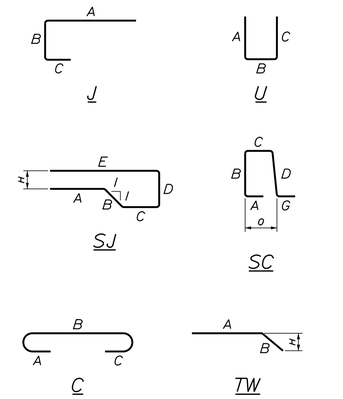
STRAIGHT BARS

MARK	QTY.	LENGTH	LOCATION	MARK	QTY.	LENGTH	LOCATION
			SUPERSTRUCTURE				ABUTMENT WINGWALLS
S500s	1,512	3'-0"	Deck	AW500	8	2'-7"	Top of Wingwall
S501s	24	40'-0"	Top of Curb	AW501	8	2'-4"	Top of Wingwall
S502s	12	16'-0"	Top of Curb				
S600p	1,512	16'-3"	Deck				
S601p	296	40'-0"	Deck				
S602p	148	16'-0"	Deck				
S603p	12	3'-3"	Bottom of Haunch				
S604p	36	7'-0"	Bottom of Haunch				
S605p	36	5'-5"	Bottom of Haunch				

BENT BARS

MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION
							PIER							
P550	1	12'-4 1/2"	U	4'-4"	3'-8 1/2"	4'-4"								Pier Cap
P551	4	8'-4"	U	2'-3"	3'-10"	2'-3"								Pier Cap
P552	1	10'-0 1/2"	U	3'-2"	3'-8 1/2"	3'-2"								Pier Cap
							SUPERSTRUCTURE							
S550s	534	5'-5"	SC	10"	1'-3"	1'-3"	1'-3"			0'-10"		1'-4"		Top of Curb
S552s	20	13'-11 1/4"	SJ	2'-7 1/2"	11 1/2"	2'-7 1/4"	1'-1"	5'-10"			5"			End of Span at Abutment
S553s	24	12'-9"	SJ	2'-7 1/2"	9"	2'-7 1/4"	11 1/4"	5'-10"			5"			End of Span at Abutment
S554s	12	12'-7 5/8"	SJ	2'-7 1/2"	8 5/8"	2'-7 1/4"	10 1/4"	5'-10"			5"			End of Span at Abutment
S555s	4	7'-11 1/4"	J	5'-10"	11 1/4"	1'-2"								End of Span at Abutment
S556s	4	7'-10 1/4"	J	5'-10"	10 1/4"	1'-2"								End of Span at Abutment
S557s	48	9'-3 1/4"	SJ	2'-0"	9"	1'-6"	11 1/4"	4'-1"			5"			End of Span near Pier
S558s	40	9'-9 1/4"	SJ	2'-0"	11 1/4"	1'-6"	1'-1"	4'-3"			5"			End of Span near Pier
S650s	752	9'-0"	C	0'-6"	8'-6"									Deck
							ABUTMENT WINGWALLS							
AW550	4	4'-6"	U	1'-10"	10"	1'-10"								Abutment Wingwall
AW551	4	5'-8"	U	2'-5"	10"	2'-5"								Abutment Wingwall
AW552	4	6'-2"	U	2'-8"	10"	2'-8"								Abutment Wingwall
AW553	4	2'-10 1/4"	TW	1'-10 1/2"	11 3/4"						5 3/4"			Top of Abutment Wingwall
AW554	4	2'-6 1/2"	TW	1'-10 1/2"	8"						4"			Top of Abutment Wingwall

TYPE - BENDING DIAGRAMS



All dimensions are out-to-out of bar.

Bending details and hooks shall conform to the recommendations of the current revision of ACI Standard 315 and ACI Standard 318.

Plain Reinforcing Steel: ASTM A 615/A 615M, Grade 60
Stainless Steel Reinforcing: ASTM A 955, Grade 75
Glass Fiber Reinforced Polymer: CSA S807-10, ACI 440.1R-15

GENERAL NOTES

1. The first two digits following the letter(s) of the mark indicate the size of the bar:

   Mark "A502" = bar size #5
   Mark "P805" = bar size #8
   Mark "S650" = bar size #6

   S500s: s = Stainless Steel
   S600p: p = GFRP Reinforcement

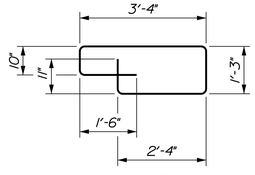
2. Each crank bar, Type B, may be replaced by two (2) straight bars (one top and one bottom) of the same bar size as the crank bar. Payment in either case will be based on crank bars as scheduled on the plans.

Notes:

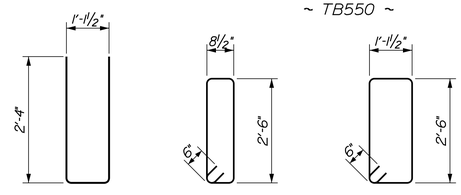
The first digit following the letters of the mark indicate the size of the reinforcing bar. (TB500 = bar size #5.) All dimensions are out - to - out of bar.

Quantities given are for one Modified Transition Barrier.

All reinforcing will be stainless steel.



~ TB550 ~



~ TB650 ~ ~ TB651 ~ ~ TB652 ~

REINFORCING STEEL SCHEDULE	3 - Bar Bike	
	Qty.	Length
TB500s	10	4'-6"
TB501s	2	2'-2"
TB502s	2	2'-0"
TB503s	2	1'-10"
TB504s	2	1'-8"
TB505s	2	1'-6"
TB506s	2	4'-8"
TB550s	6	10'-2"
TB600s	4	2'-7"
TB650s	5	5'-10"
TB651s	2	7'-5"
TB652s	5	8'-3"

Dimensions modified.

See Standard Detail 526(37)

s = Stainless Steel

MODIFIED CONCRETE TRANSITION BARRIER

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2175(200)

WIN 021752.00

BRIDGE NO. 3781

BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	DATE	
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DATE

STATION 350 BRIDGE
EAST BRANCH PLEASANT RIVER
T5 R9 NWP (EBEEMEE TWP) PISCATAQUIS COUNTY

REINFORCING STEEL SCHEDULE

SHEET NUMBER

19

OF 20

Filename: ...\00\BRIDGE\MSTA\019_Rebar.dgn Division: BRIDGE Username: David.Shaw Date:12/10/2018

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Sanitary Sewer	Traveled Way	Cut Line	Fill Line
Approx. Property Lines P.L.	Building	Clearing Limit Line CLL	Telephone Line	Ditch	Stonewall	Retaining Wall
Existing Right of Way	Trees Conifer	Deciduous	Electric Line	Catch Basin	Baseline 10+00 11+00 12+00	
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line	Water Line	Manhole	Monument	Traverse Point
Control Of Access C.O.A.	Water Edge		Underdrain Line	Sewer Manhole	Iron Rod Found IRF	Pipe Found IPF
New Right of Way	Ledge	Rock/Boulder	Flag Pole	Gas Line	Utility Pole	Replacement Pin Set
New Easement	Fence CHAIN LINK	BARB WIRE	STOCKADE	Guardrail	Fire Hydrant	
New Temporary Rights	Sign	Well WELL	Mailbox	Culvert	Curbing	
New R/W Within Existing R/W						

Existing / Proposed

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h _____m _____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

ROUTE 11 AND PLEASANT RIVER DIVISION
PISCATAQUIS COUNTY, MAINE
LEASED LOT SUBDIVISION PLAN
T5R9 NWP, MAINE
FOR WEBBER TIMBERLANDS
PRENTISS & CARISLE MANAGEMENT CO. INC.
DATED FEBRUARY 16, 1993
PISCATAQUIS COUNTY REGISTRY OF DEEDS
PLAN BOOK 5, PAGE 74

COORDINATE INFORMATION
REFERENCE FRAME (DATUM) AND REALIZATION - NAD83(2011)
ZONE - MAINE 2000 CENTRAL ZONE
COMBINE FACTOR - 0.99996326
ELEVATION - NORTH AMERICA VERTICAL DATUM 1988 (NAVD88)
UNITS - U.S. SURVEY FEET (sFT)

GRID
MAINE 2000 CENTRAL ZONE

ANTHONY A. STROUT

APPROX. LOCATION

BABBLE ON ROAD

WEBBER TIMBERLANDS ET AL
PRENTISS & CARLISLE

CURVE DATA #1
PI = 11+88.71
D = 07°09'43.1"
Δ = 31°04'04" LT.
R = 800.00'
L = 433.79'
T = 222.37'
E = 30.33'

WEBBER TIMBERLANDS ET AL
PRENTISS & CARLISLE

CURVE DATA #1
PI = 5+13.15
Δ = 00°37'12" Lt.

PI = STA. 5+13.15

PC = STA. 9+66.34

Flow

EAST BRANCH PLEASANT RIVER

EXISTING CHANNEL DIVERSION LIMITS
S.H.C. FILE NO. 11-46

STATE HIGHWAY "287"
ROUTE 11 / DAVIS STREET

TO BROWNVILLE

TO MILLINOCKET

5+00 6+00 7+00 8+00 9+00 10+00 11+00

133.66'

STEEL

JOINT 450D1

MIXED GROWTH

TALL GRASS

PLASTIC NODES

DELINEATOR

CHANNEL MARKERS

TELEPHONE 453

JOINT 451

JOINT 290/450

JOINT 450/5

5/8" DIA REBAR 18"AG LEANING - PLS* 1050

5/8" DIA REBAR 1' AG PLS*1050

1/2" DIA ROD WITH RED CAP/BROKEN TOP

EBEEMEE LAKE RD/DAVIS ST

12" PINE

22" PINE

32 BOXES

EBEEMEE LAKE RD

GARAGE 2 CAR

PI = STA. 7+01.30

EXISTING CHANNEL DIVERSION LIMITS
S.H.C. FILE NO. 11-46

UNKNOWN (PER ASSESSOR MAP)
WEBBER TIMBERLANDS ET AL
PRENTISS & CARLISLE

CURVE DATA #2
PI = 7+01.30
Δ = 00°30'00.0" Rt.

MARIA C. NAPIER

HOUSE CAMP 1.5 STORY

MOSTLY SOFTWOODS

50'

PAUL O. BLANCHETTE
ROBERTA M. BLANCHETTE
PAUL O. BLANCHETTE AND ROBERTA M. BLANCHETTE
IRREVOCABLE PISCATAQUIS COUNTY TRUST

DAVID C. SULLIVAN
PHYLLIS L. SULLIVAN
DANIEL C. SULLIVAN
SULLIVAN MAINE LAND TRUST

5/8" DIA REBAR 12" AC LEANING - PLS*1050

STATION 350 BRIDGE
OVER
EAST BRANCH PLEASANT RIVER

BRIDGE NO. 3781 WIN 021752.00

EXISTING RIGHT OF WAY

1) MAINE STATE HIGHWAY COMMISSION
PLAN OF PROPOSED RELOCATION
STATE HIGHWAY J-K-157
T.5R9 & T.4R9 N.W.P., PISCATAQUIS COUNTY
LAND ACROSS LAND OF STATE OF MAINE (PUBLIC LOT)
C.J. WEBBER ET ALS, HEIRS OF G.I. & C. STETSON
DATED FEBRUARY 1938
S.H.C. FILE NO. 11-8, SHEET 2 OF 8

2) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP
STATE HIGHWAY "287"
T5R9 (EBEEMEE), PISCATAQUIS COUNTY
STATION 350 BRIDGE OVER EAST BRANCH PLEASANT RIVER
DATED MAY 1962
S.H.C. FILE NO. 11-46
PISCATAQUIS COUNTY REGISTRY OF DEEDS
PLAN NO. 133

AS-BUILT PLANS

1) STATE HIGHWAY COMMISSION - BRIDGE DIVISION
BRIDGE AT STA. 350+00 OVER EAST BRANCH PLEASANT RIVER
IN T5R9 N.W.P., PISCATAQUIS COUNTY
DATED NOVEMBER 1940

2) STATE HIGHWAY COMMISSION - BRIDGE DIVISION
STATION 350 BRIDGE OVER EAST BRANCH PLEASANT RIVER
IN THE TOWNHSIP OF T5R9 (EBEEMEE), PISCATAQUIS COUNTY
DATED NOVEMBER 1953

ROUTE 11 AND PLEASANT RIVER DIVISION
PISCATAQUIS COUNTY, MAINE
LEASED LOT SUBDIVISION PLAN
T5R9 NWP, MAINE
FOR WEBBER TIMBERLANDS
PRENTISS & CARISLE MANAGEMENT CO. INC.
DATED FEBRUARY 16, 1993
PISCATAQUIS COUNTY REGISTRY OF DEEDS
PLAN BOOK 5, PAGE 74

ITEM	CHECKED
EXISTING CONDITION PLAN	G.L.L.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
EBEEMEE TWP.
(F/K/A. T5R9 N.W.P.)
RIGHT OF WAY MAP

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK ____ PAGE ____ COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

OFFICE USE ONLY
DO NOT RECORD

To the best of my knowledge and belief, this map constitutes an accurate graphical representation of the Highway Right of Way lines shown hereon. Other boundary lines, including lines between abutters, are approximate and for general reference only. See sheet 2 of this plan set for reference coordinates.

STATE HIGHWAY "287"
ROUTE 11 / DAVIS STREET
EBEEMEE TWP. (F/K/A T5R9 N.W.P.) PISCATAQUIS COUNTY
FEDERAL AID PROJECT NO. STP-2175(200)

JUNE 2018 | RIGHT-OF-WAY MAP
SCALE 1" = 25' | SHEET 1 OF 1

SHEET NUMBER
20
OF 20

Filename: ...\00\ROW\MSTA\020_RWPLAN1.dgn Division: BRIDGE Username: David.Show Date:12/10/2018