

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Fifth Edition 2010.

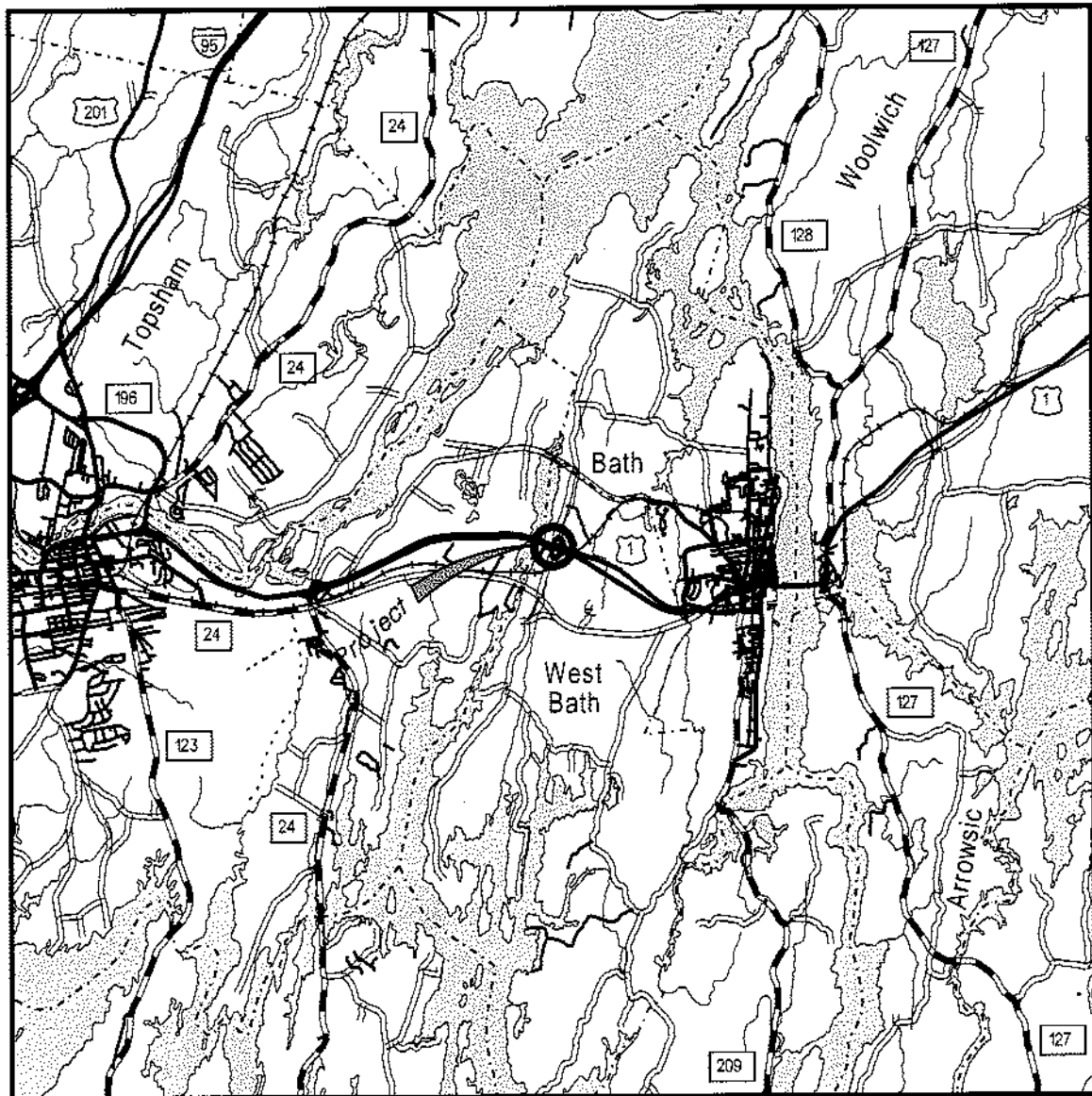
DESIGN LOADING

Live Load HL - 93

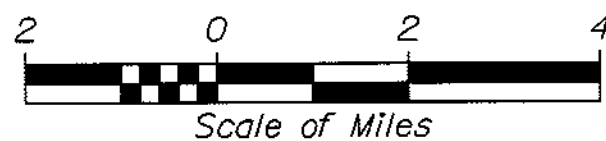
TRAFFIC DATA

Current (2010) AADT 4120
Future (2022) AADT 4610
DHV - % of AADT 10
Design Hour Volume 461
Heavy Trucks (% of AADT) 9
Heavy Trucks (% of DHV) 7
Directional Distribution (% of DHV) 52
18 kip Equivalent P 2.0 210
18 kip Equivalent P 2.5 200
Design Speed (mph) 45

WEST BATH
SAGADAHOC COUNTY
NEW MEADOWS ROAD BRIDGE
OVER
U.S. ROUTE 1
NEW MEADOWS ROAD
PROJECT NO. 16760.00
PROJECT LENGTH 0.076 mi.
DECK REPLACEMENT
BRIDGE NO. 6145



LOCATION MAP



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MATERIALS

Concrete:
Barriers, Curbs, Sidewalks & Transition Barriers Class "LP"
All Other Class "A"
Reinforcing Steel ASTM A 615/A 615M, Grade 60
Structural Steel:
All Material (except as noted) ASTM A 709, Grade 50
High Strength Bolts ASTM A 325, Type 1

BASIC DESIGN STRESSES

Concrete f 'c = 4,350 psi
Reinforcing Steel f y = 60,000 psi
Structural Steel:
ASTM A 709, Grade 50 F y = 50,000 psi
ASTM A 709, Grade 36 F y = 36,000 psi
ASTM A 325 F μ = 120,000 psi

UTILITIES

Central Maine Power Company
Comcast
Fairpoint Communications

MAINTENANCE OF TRAFFIC

Maintain one 11'-0" wide lane of alternating two - way traffic using traffic signals.

PIN 16760.00

16760.00

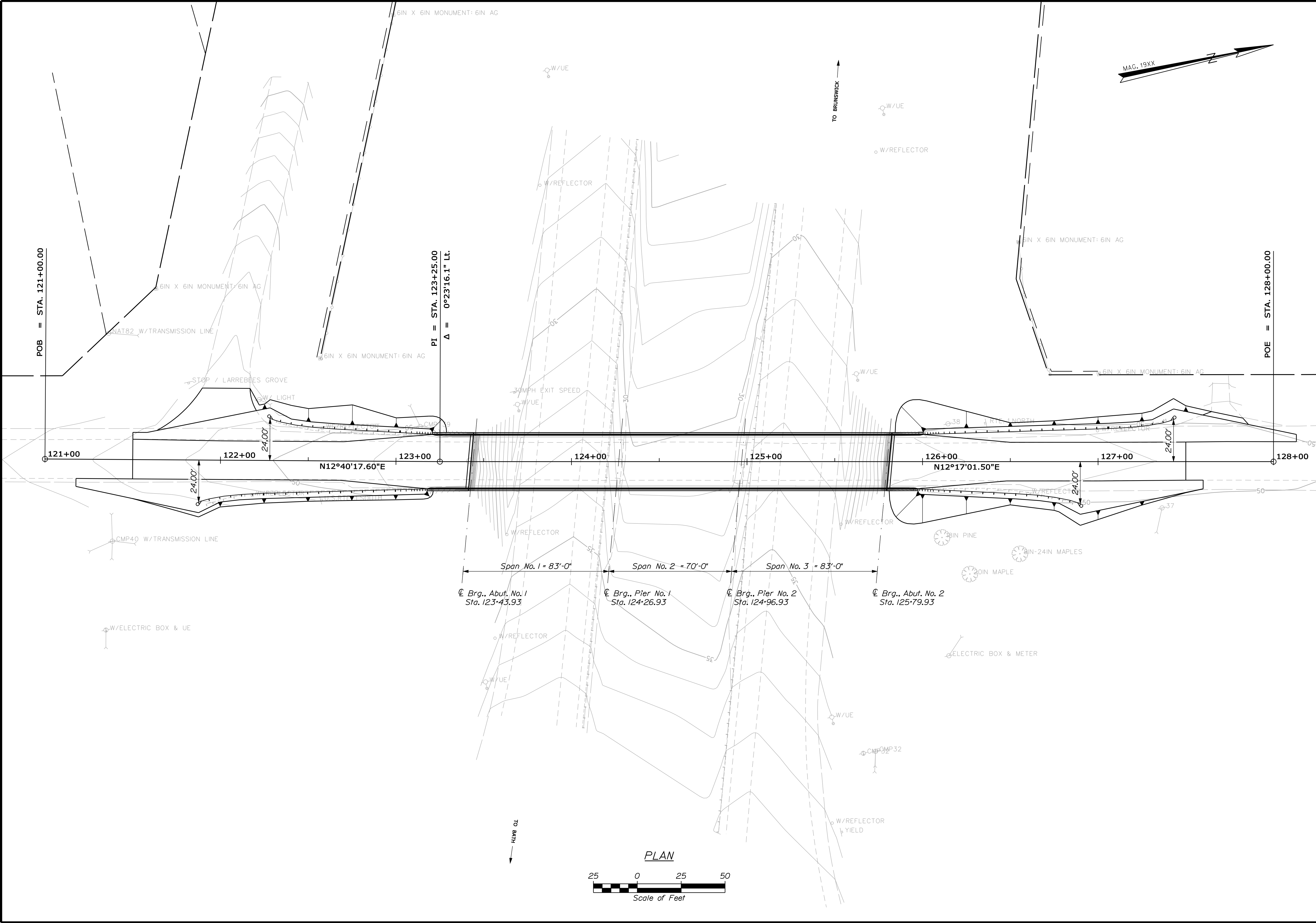
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	APPROVED	
	COMMISSIONER	
CHIEF ENGINEER		

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	SIGNATURE	P.E. NUMBER	DATE
	Edward B. Caspell	3075	12-8-10
	EDWARD CASPELL NO. 3075		

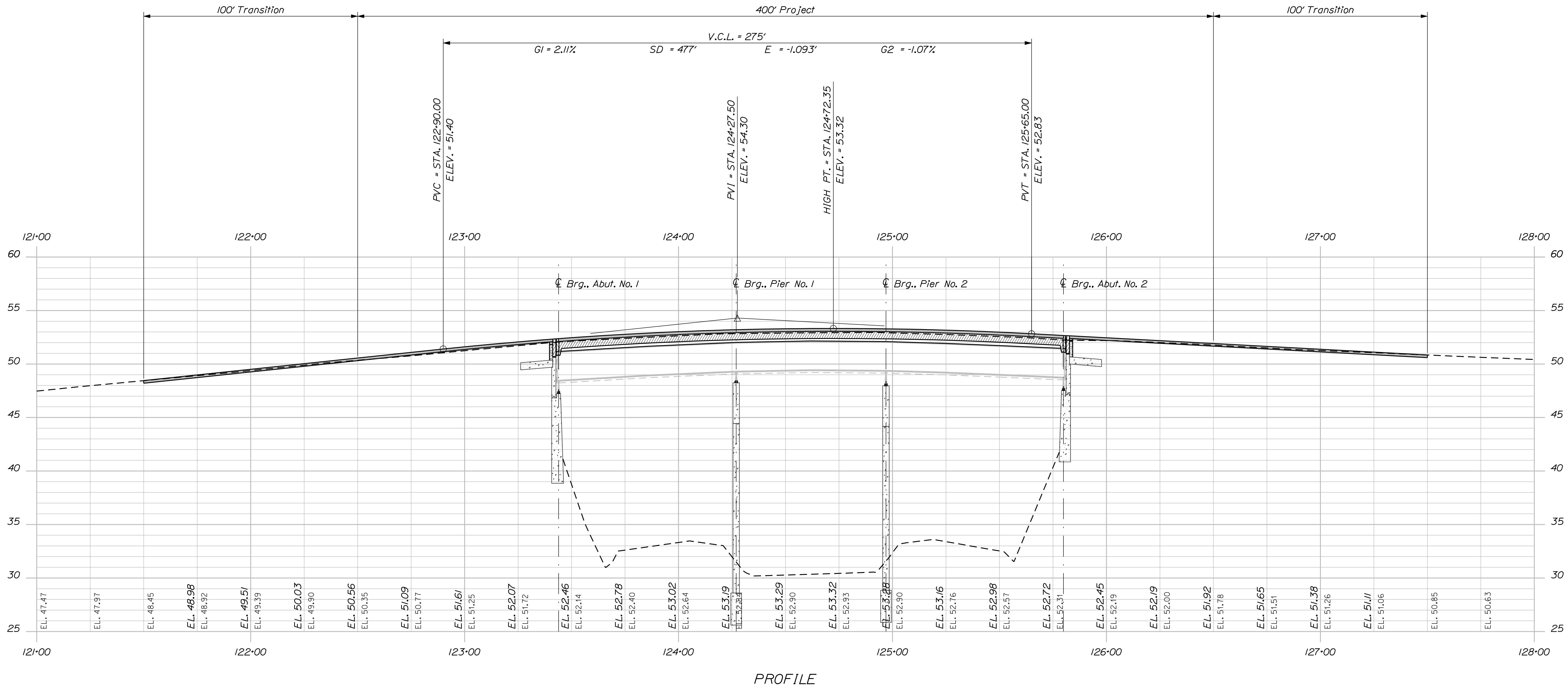
PROJECT INFORMATION	BRIDGE PROGRAM	
	PROJECT MANAGER	
	DESIGNER	
PROJECT INFORMATION	DESIGNER	DEVAN LAYTON
	CONSULTANT	N/A
	PROJECT RESIDENT	STERLING PAUL
CONTRACTOR		
PROJECT COMPLETION DATE		

WEST BATH NEW MEADOWS ROAD BRIDGE
TITLE SHEET

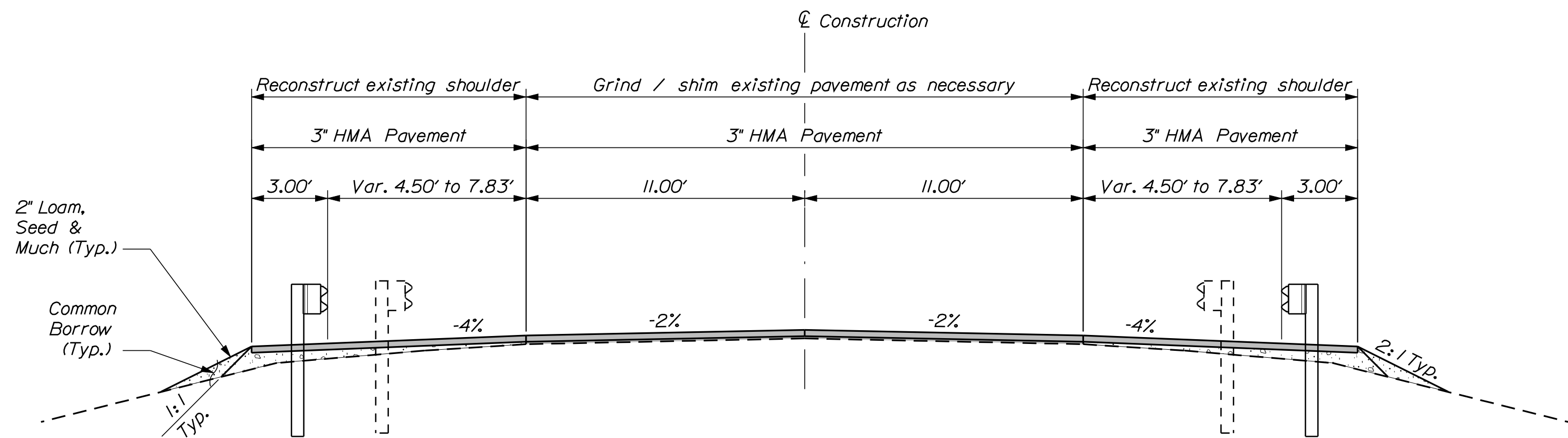
SHEET NUMBER
1
OF 27



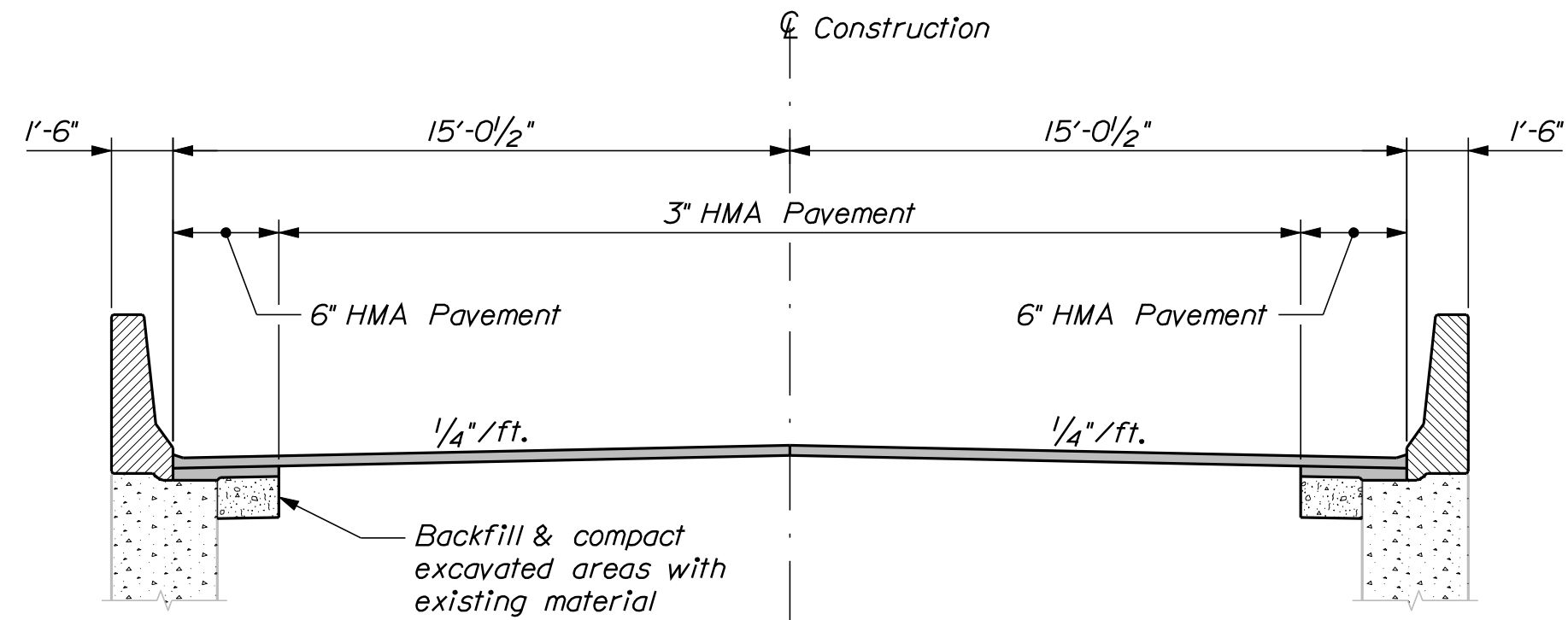
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	16760.00			
	PIN 16760.00			
	BRIDGE NO. 6145			
SHEET NUMBER 3 OF 27	SIGNATURE			
	P.E. NUMBER			
	DATE			
	FIELD CHANGES			



PROFILE

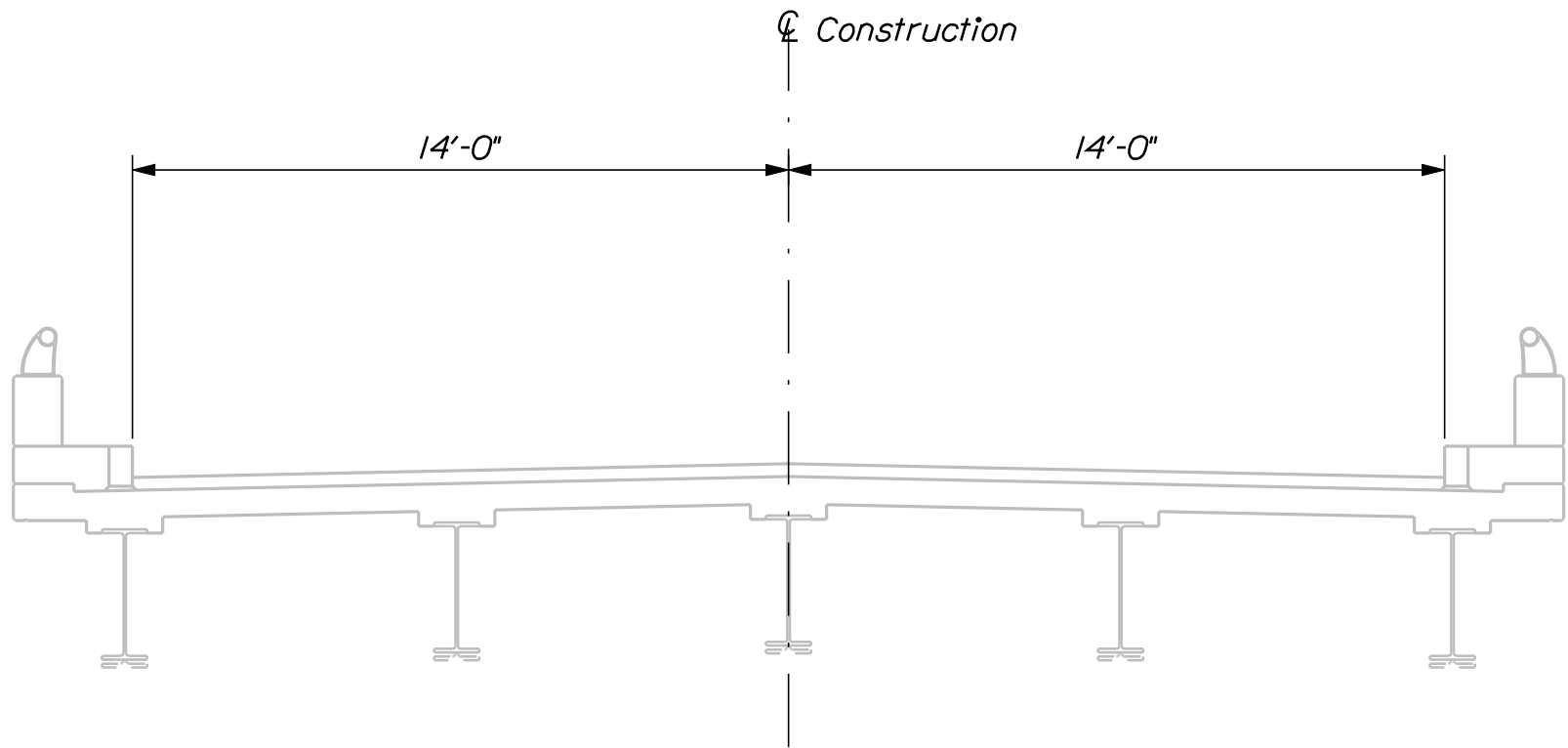


TYPICAL APPROACH SECTION

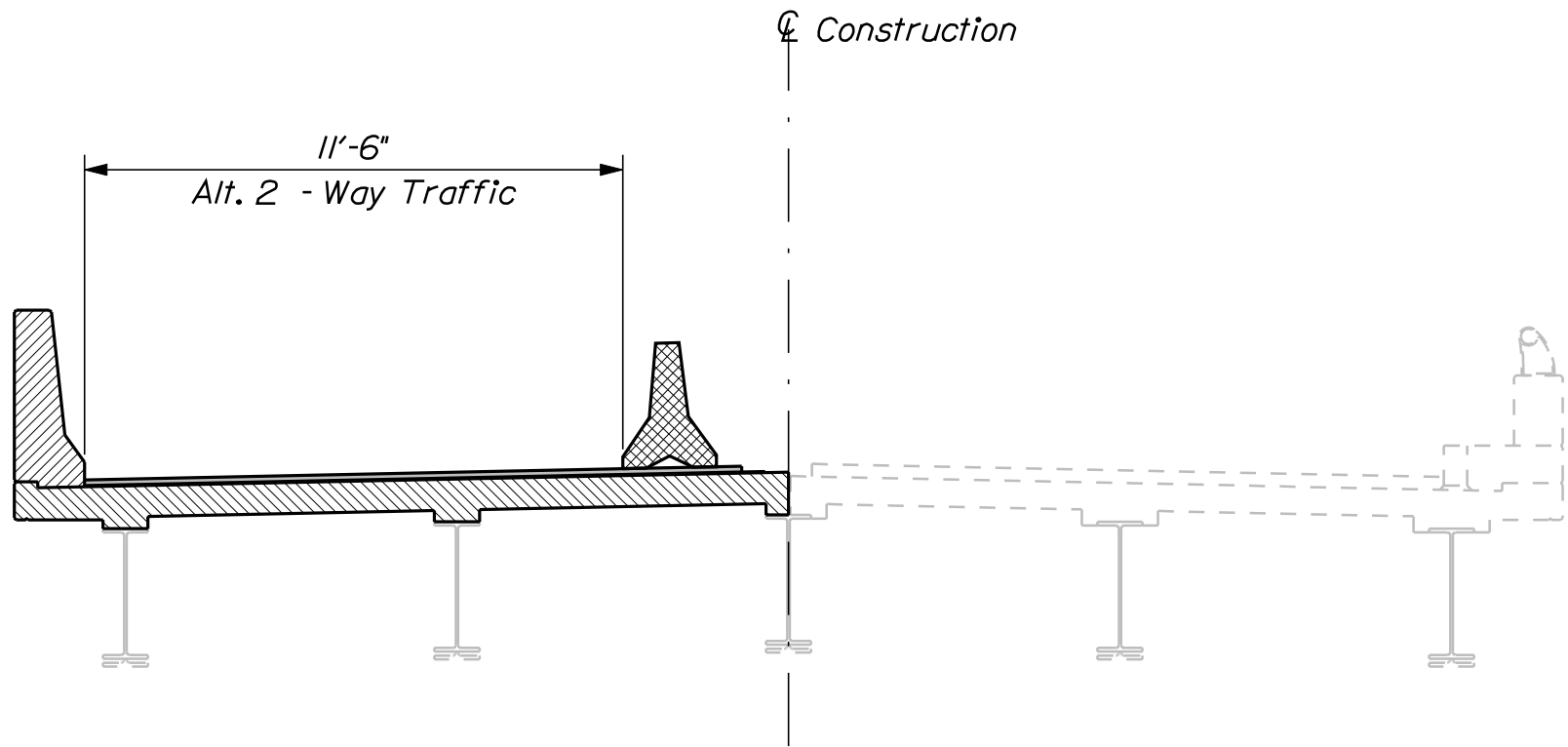


APPROACH SECTION AT WINGWALLS

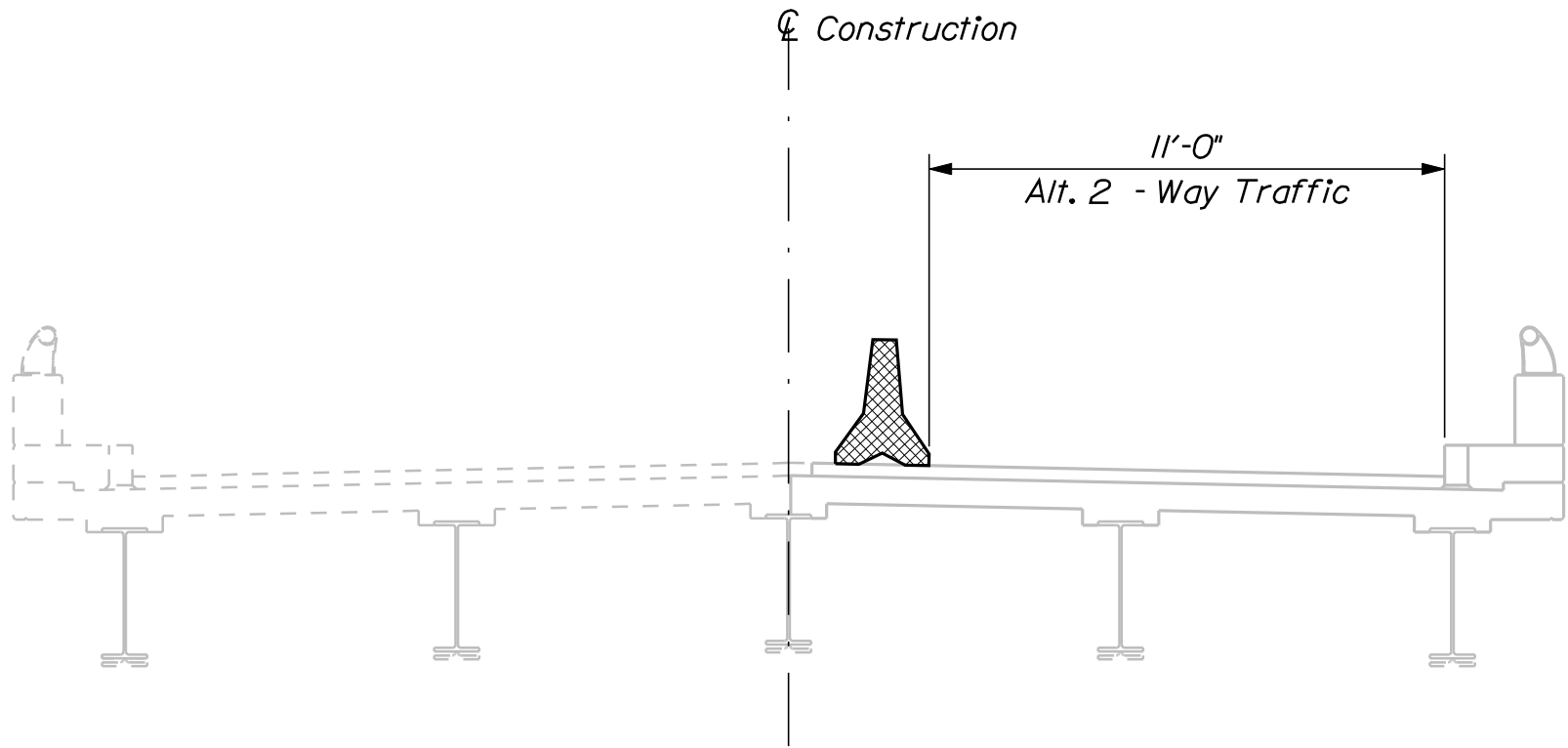
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	16760.00			
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SHEET NUMBER 4 OF 27	SIGNATURE			
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	FIELD CHANGES			



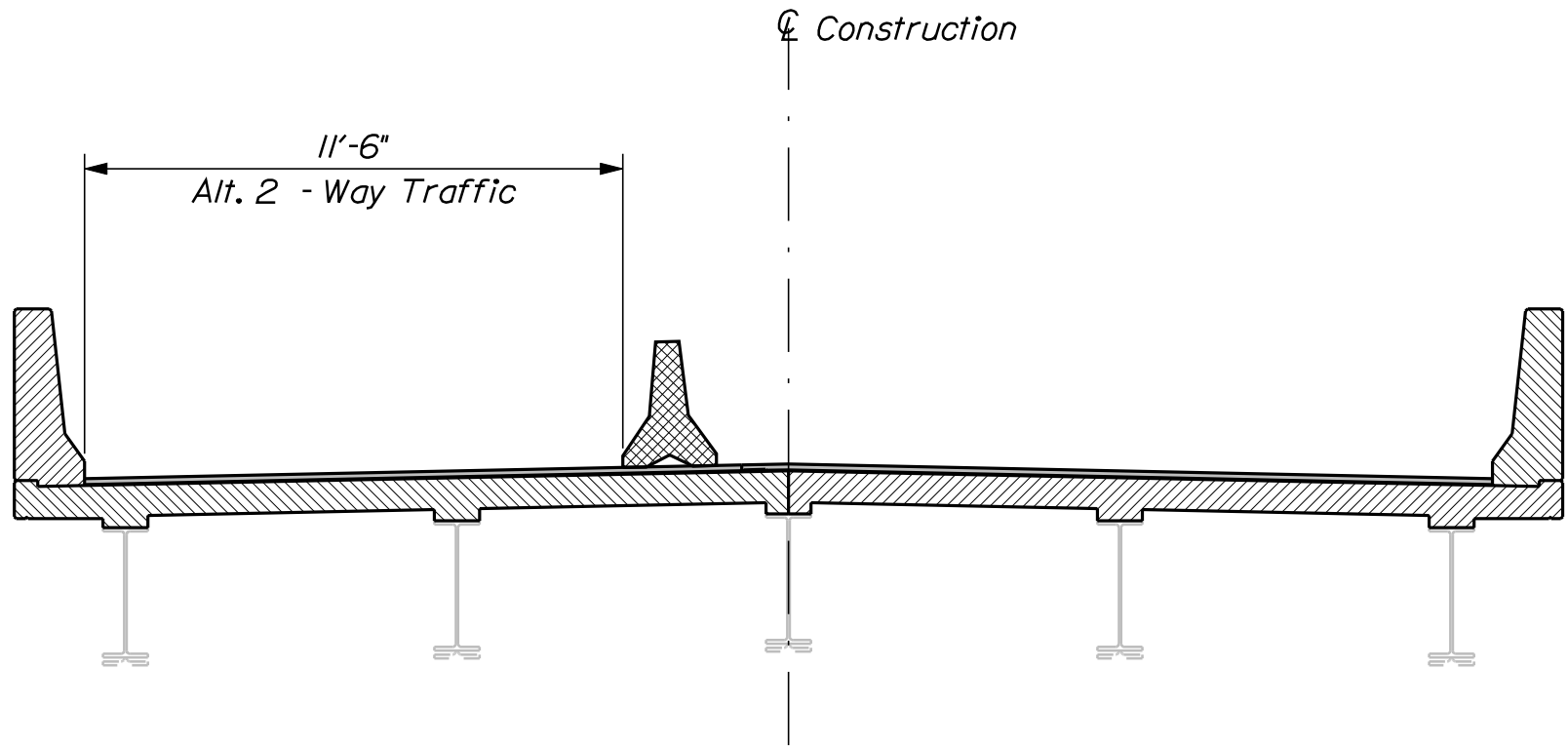
STAGE 1
 Raise Superstructure 2"



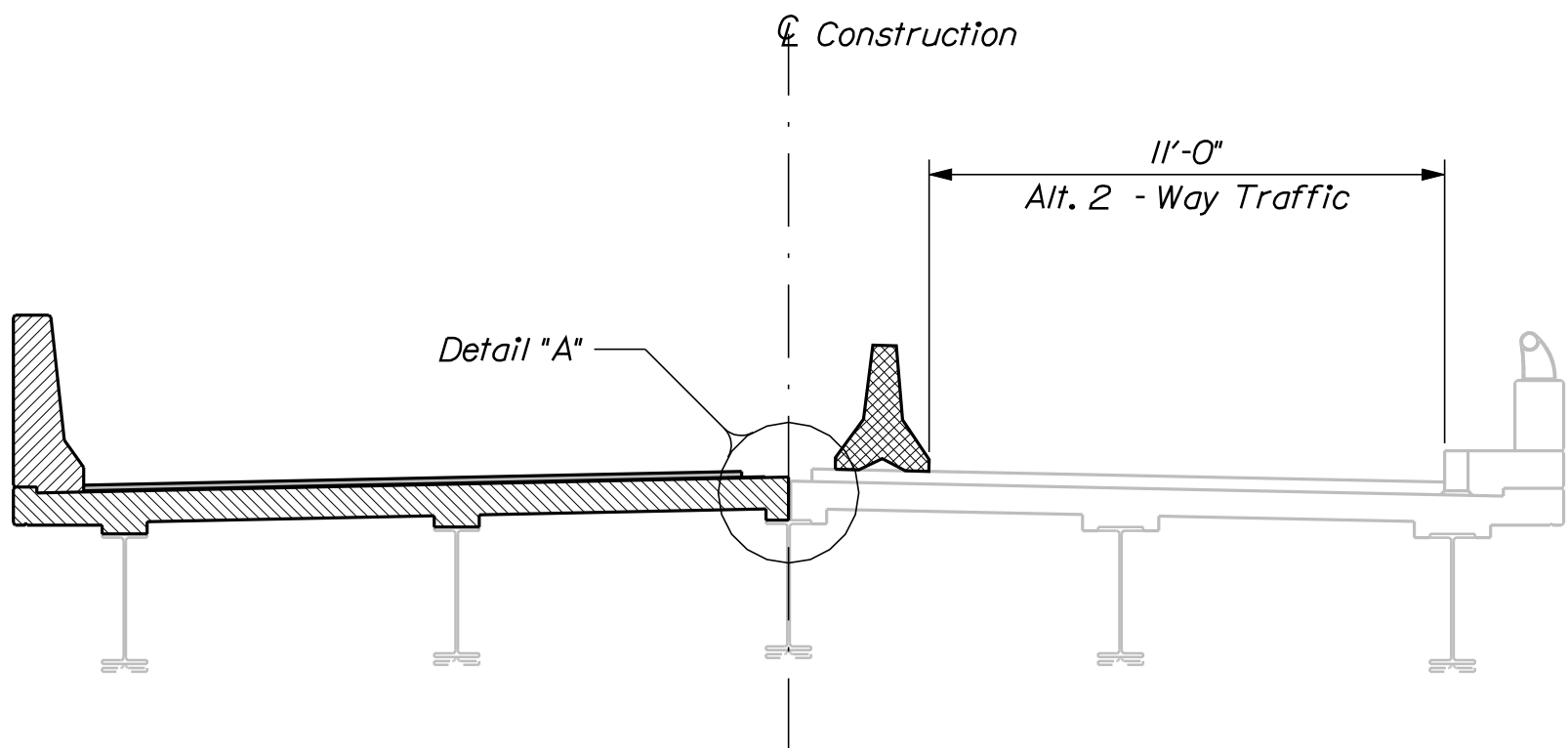
STAGE 3A
 Demolish second half of existing deck



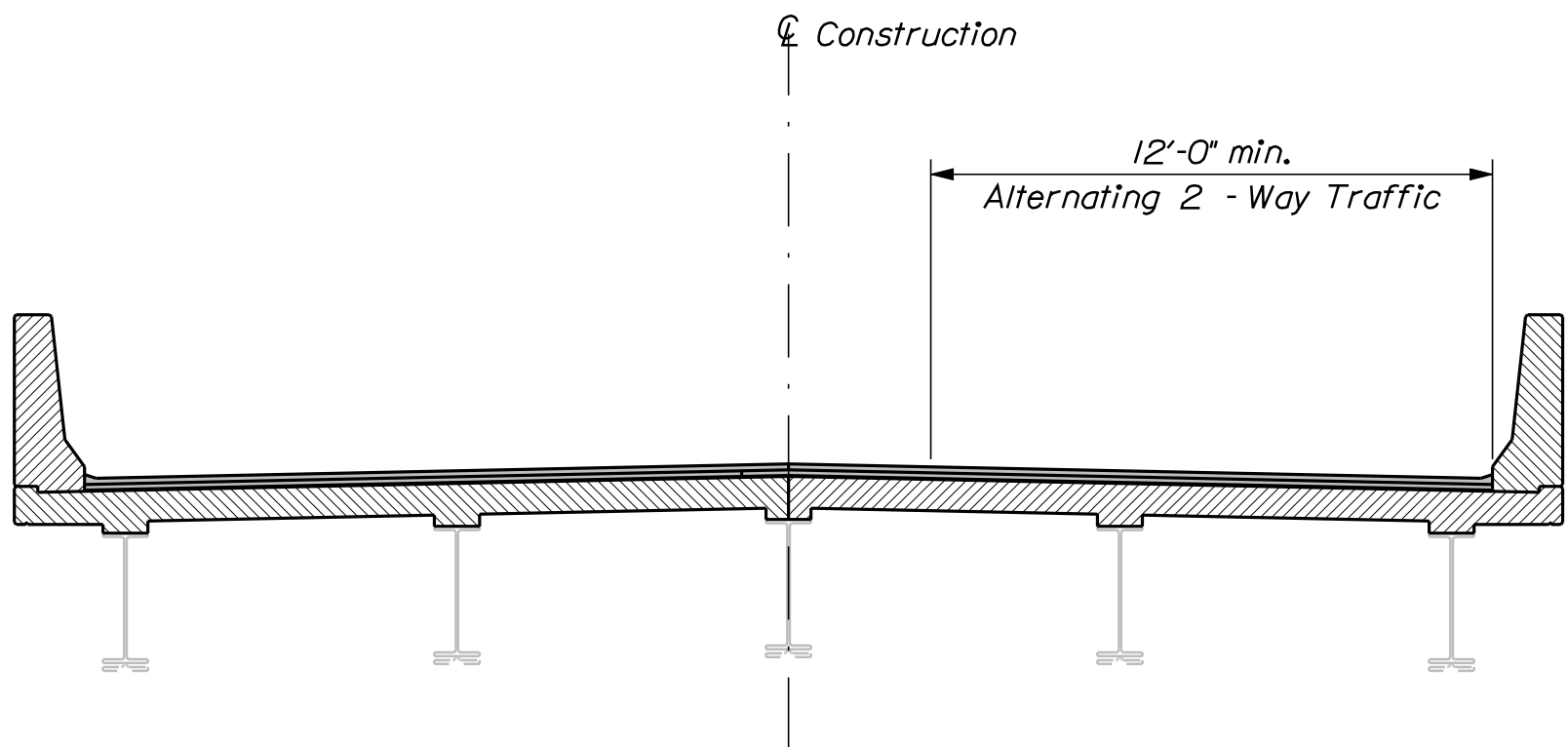
STAGE 2A
 Demolish first half of existing deck



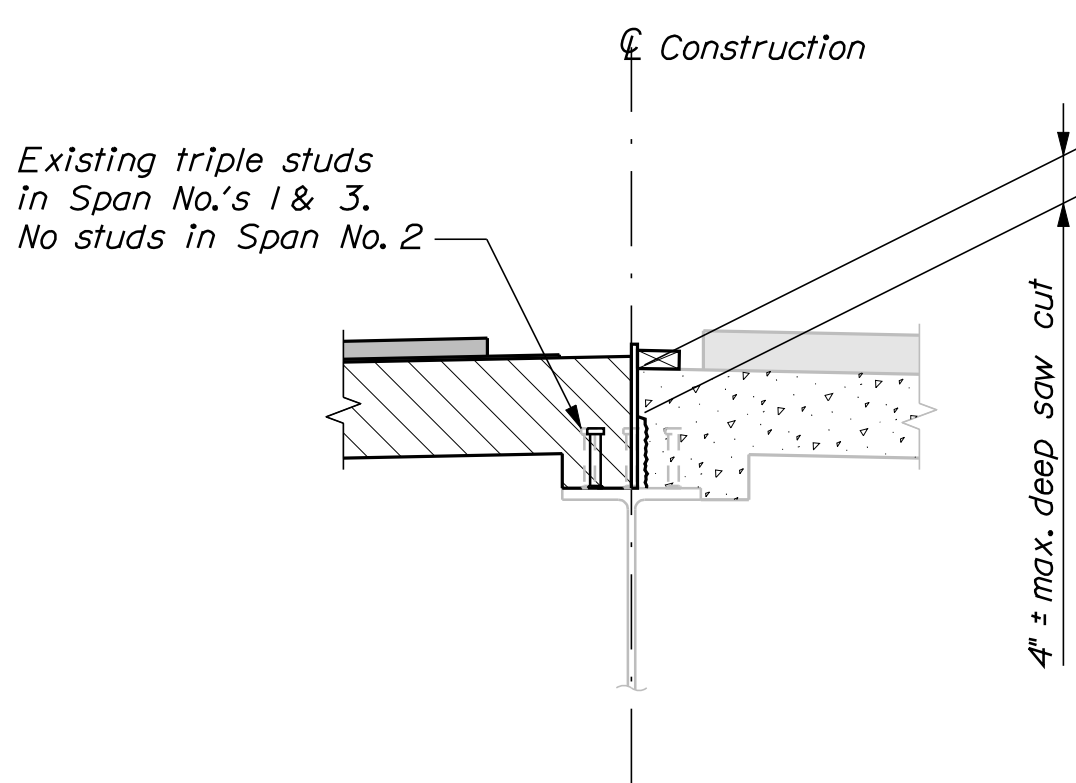
STAGE 3B
 Construct second half of new deck



STAGE 2B
 Construct first half of new deck



STAGE 4
 Complete placement of HMA Pavement



DETAIL "A"

STAGE CONSTRUCTION NOTES

1. The final lift of pavement shall be placed simultaneously over both stages.

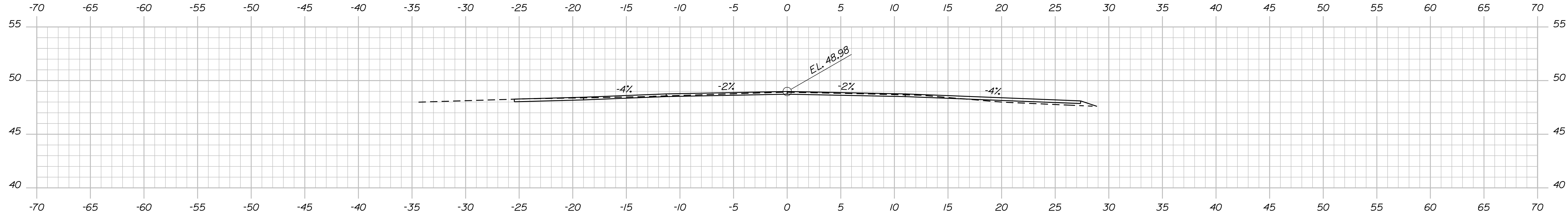
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Date:12/8/2010

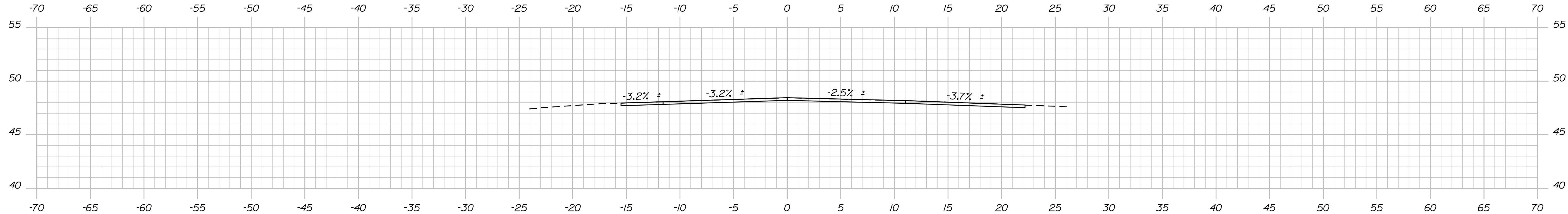
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Division: BRIDGE

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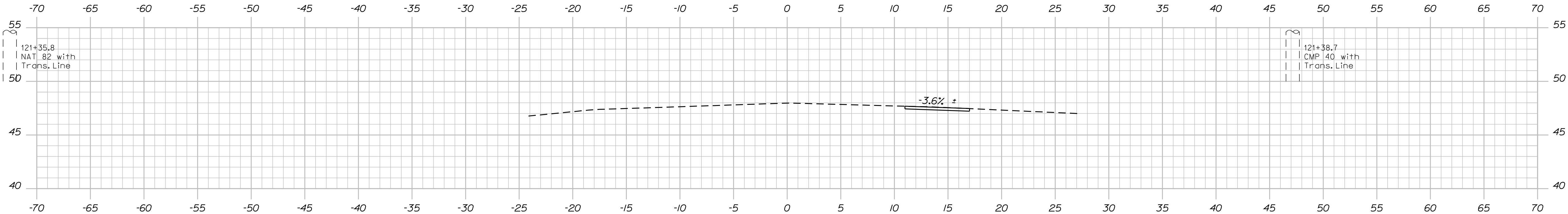
121+75.00



Match Existing Section

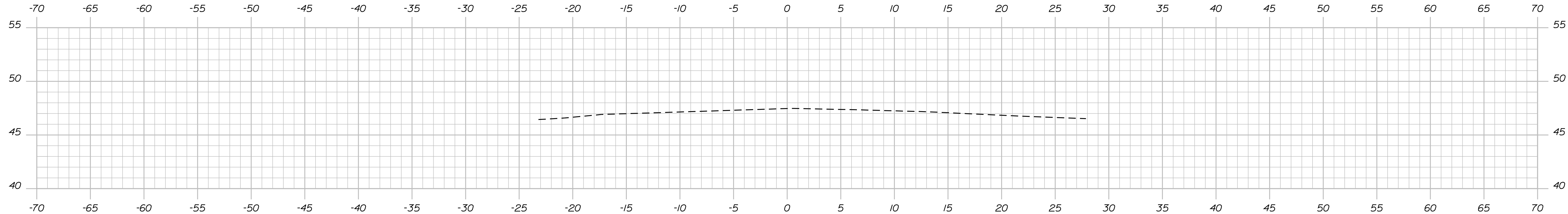
121+50.00

Begin Transition



121+25.00

Sta. 121+18 ±
Limit of Shoulder Work



121+00.00

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
	16760.00	
	PIN	16760.00
BRIDGE NO. 8145		BRIDGE PLANS

PROJ. MANAGER N. Benoit	DATE	SIGNATURE
	D. Damren	P.E. NUMBER
CHECKED-DETAILED D. Edson		DATE
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

NEW MEADOWS ROAD BRIDGE	
U.S. ROUTE 1	
SAGadahoc COUNTY	
WEST BATH	
CROSS SECTIONS	

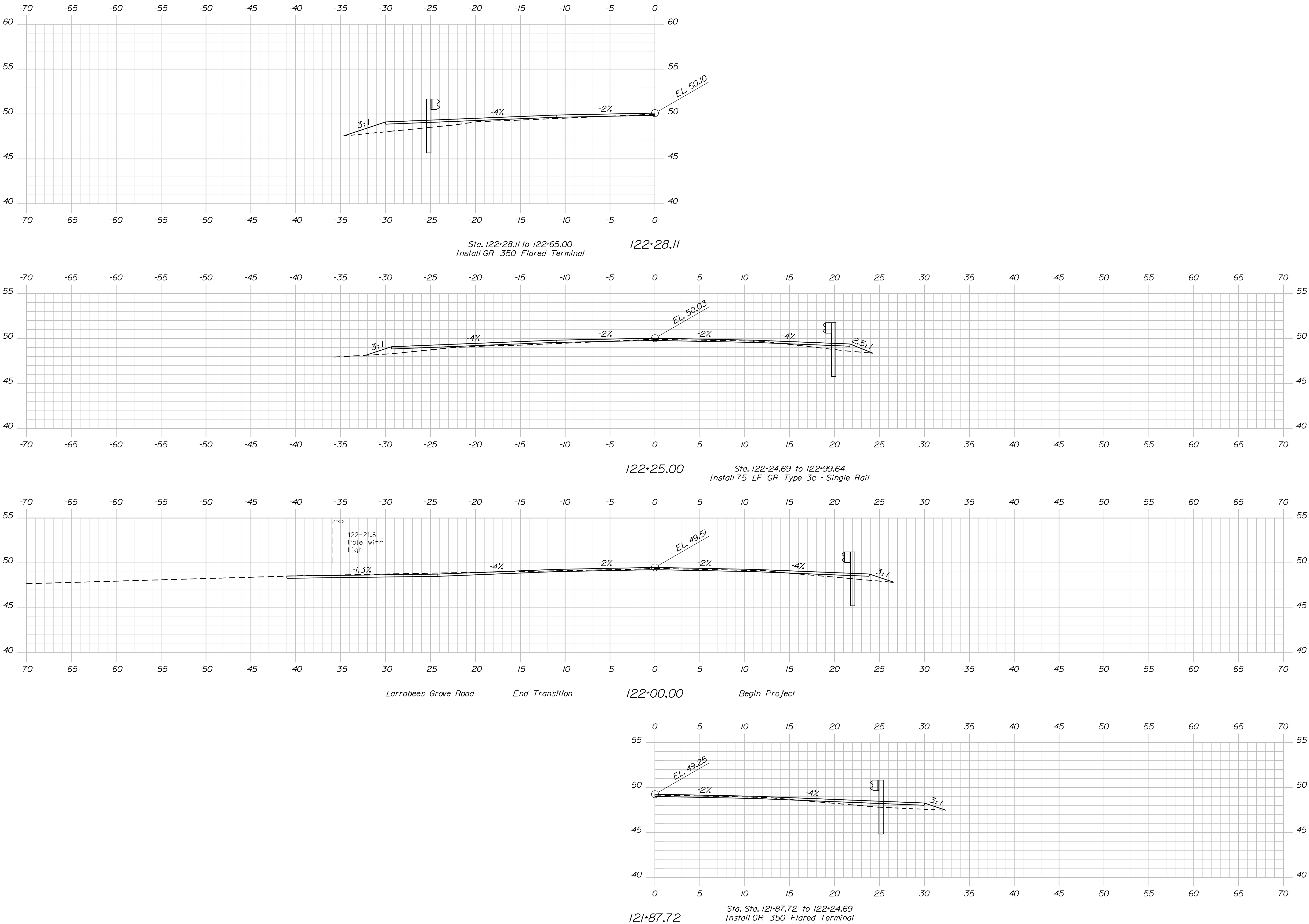
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Date:12/8/2010

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Division: BRIDGE

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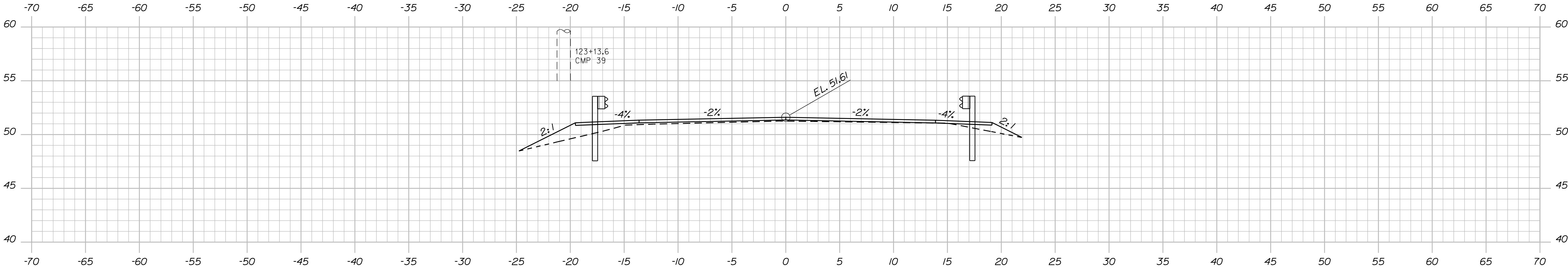
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CROSS SECTIONS				DESIGN-DETAILED	D. Damren		16760.00		
				CHECKED-REVIEWED		SIGNATURE			
				DESIGN-DETAILED D2		P.E. NUMBER			
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Date:12/8/2010

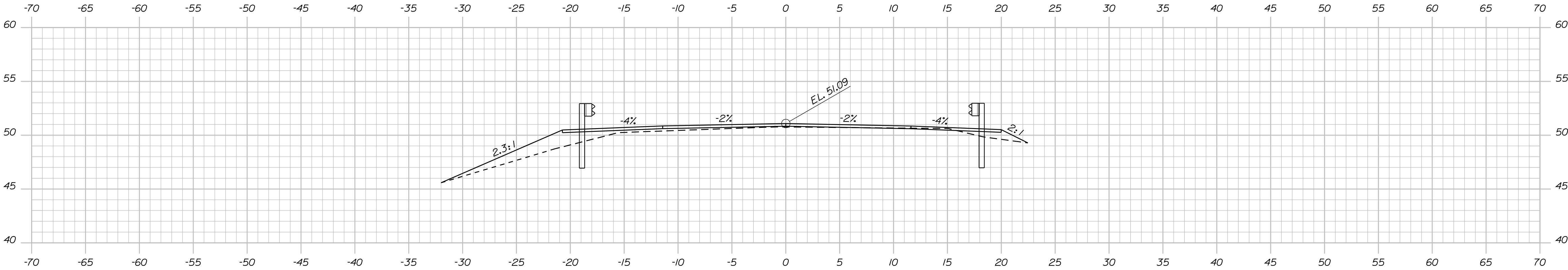
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Division: BRIDGE

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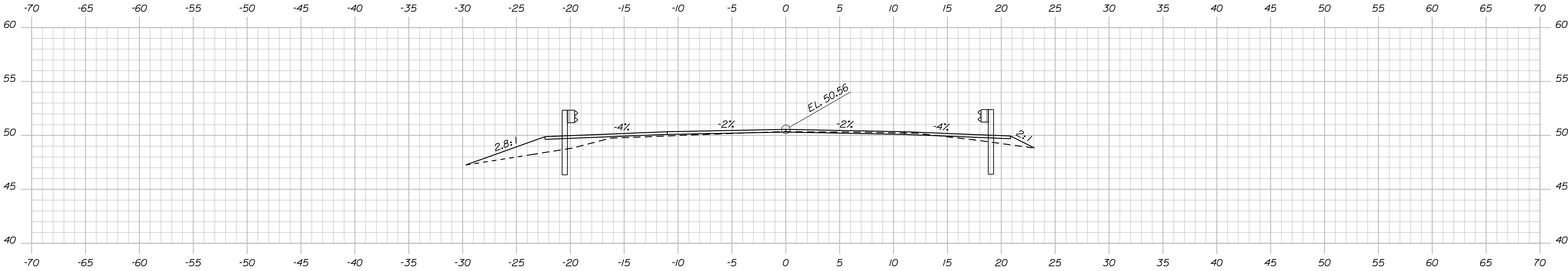


123+00.00



Sta. 122+65.00 to 123+02.46
Install 37.5 LF GR Type 3c - Single Rail

122+75.00



122+50.00

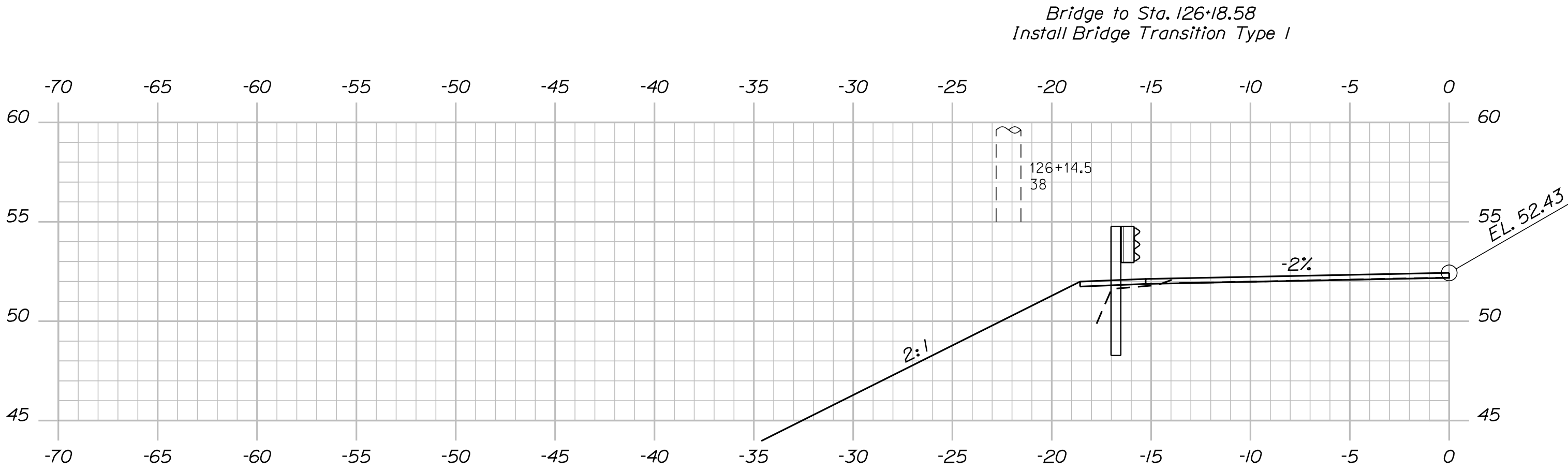
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		DESIGN-DETAILED		D. Eaton	D. Dornen		
CROSS SECTIONS		CHECKED-REVISED					SIGNATURE
		DESIGN2-DETAILED2					
FIELD CHANGES		DESIGN3-DETAILED3					P.E. NUMBER
		REVISIONS 1					
		REVISIONS 2					
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Date:12/8/2010

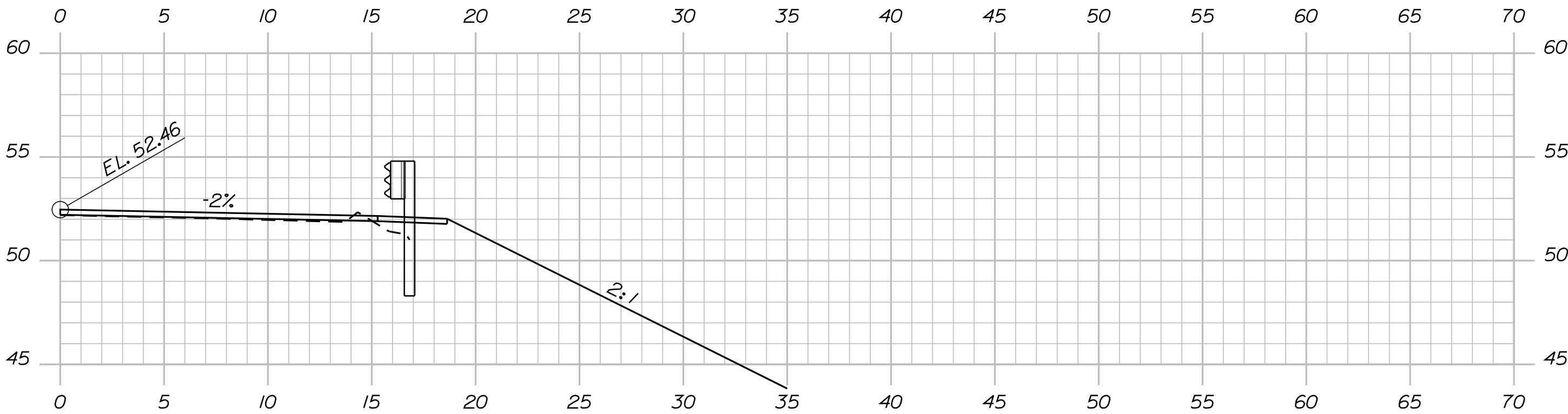
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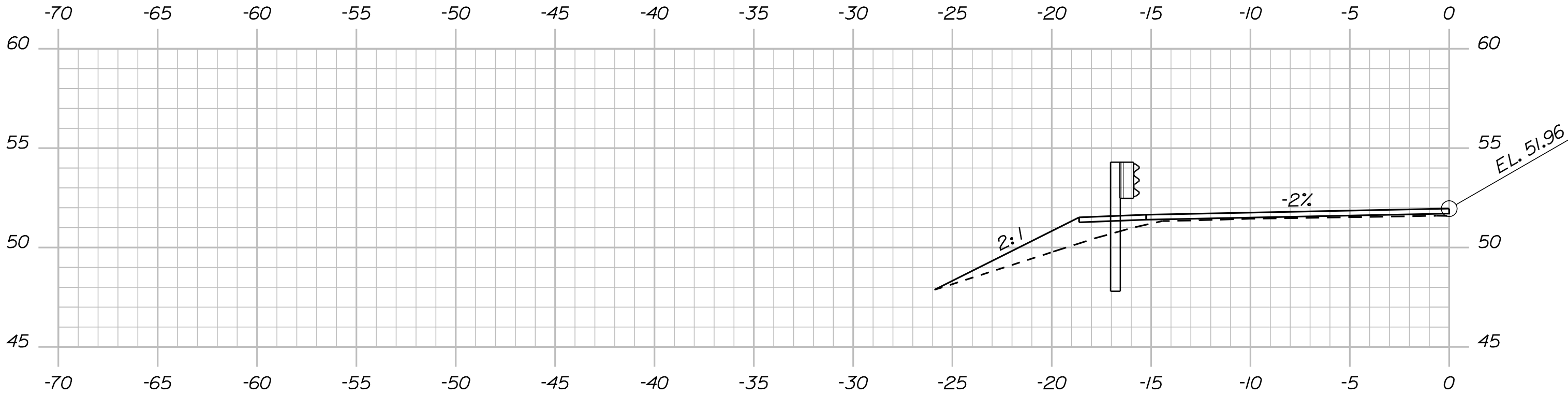
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126+02.42 Bridge to Sta. 126+15.56
Install Bridge Transition Type I

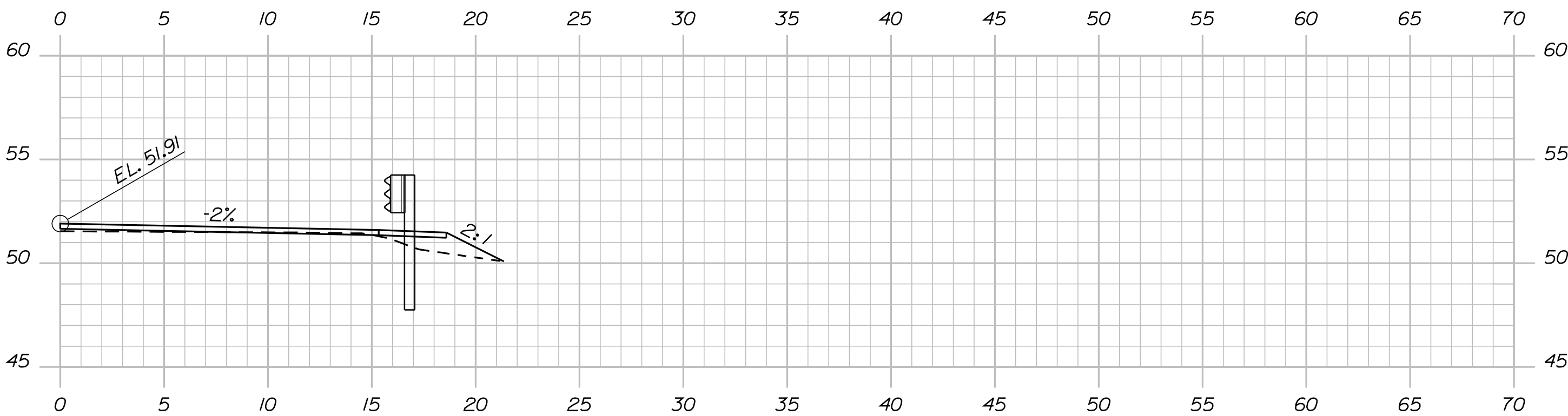


125+99.42



Sta. 123+02.46 to Bridge
Install Bridge Transition Type I

123+18.55



Sta. 122+99.64 to Bridge
Install Bridge Transition Type I

123+15.86

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
16760.00	
PIN	BRIDGE NO. 8145
16760.00	
BRIDGE PLANS	

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	D. Damren	
CHECKED-REVIEWED		
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
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NEW MEADOWS ROAD BRIDGE	
U.S. ROUTE 1	
SAGadahoc COUNTY	
WEST BATH	
CROSS SECTIONS	

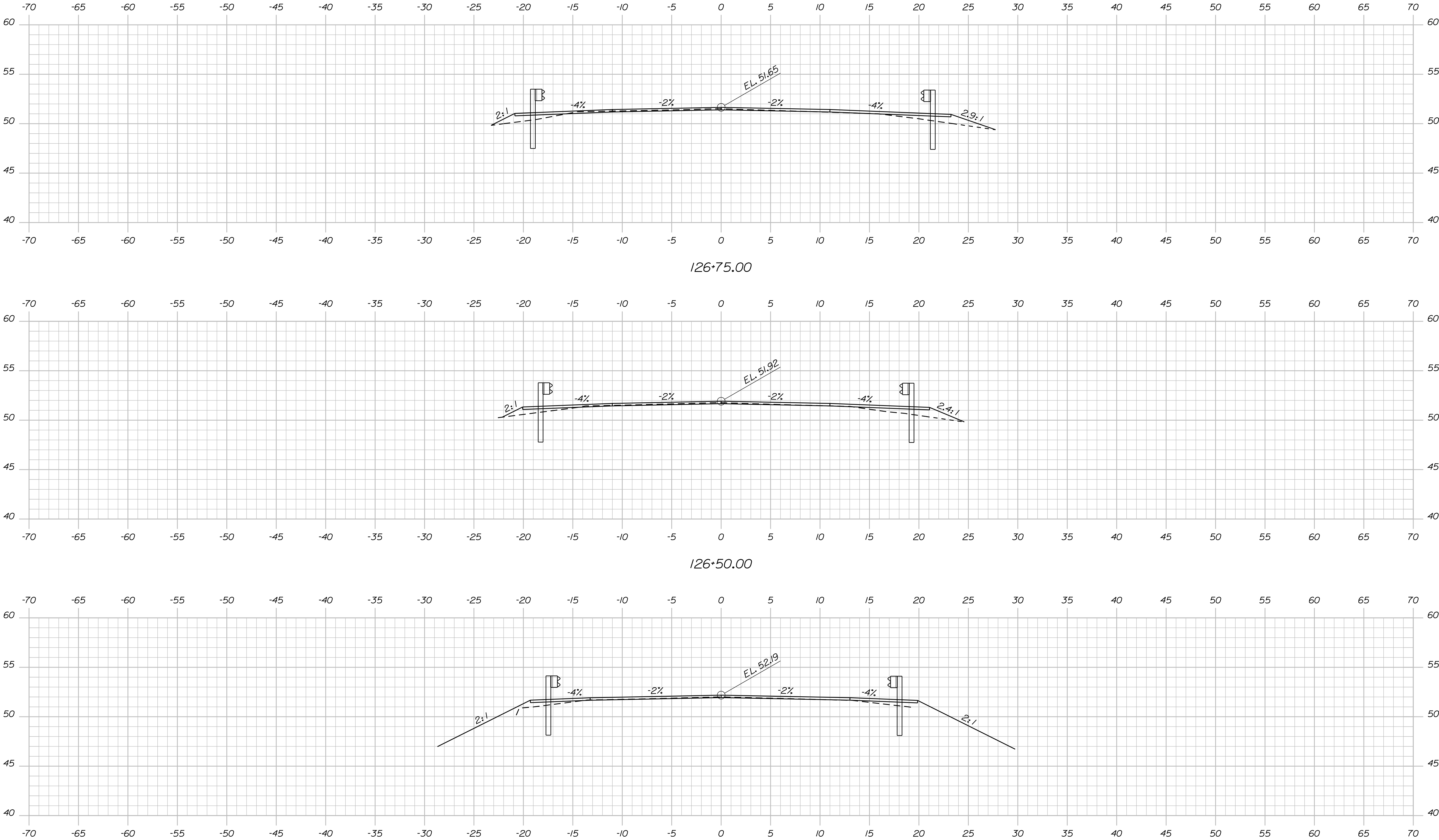
SHEET NUMBER
9
OF 27

Date:12/8/2010

Username: donc.damren

Division: BRIDGE

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Sta. 126+18.58 to 127+06.04
Install 87.5 LF GR Type 3c - Single Rail

Sta. 126+15.56 to 126+53.01
Install 37.5 LF GR Type 3c - Single Rail

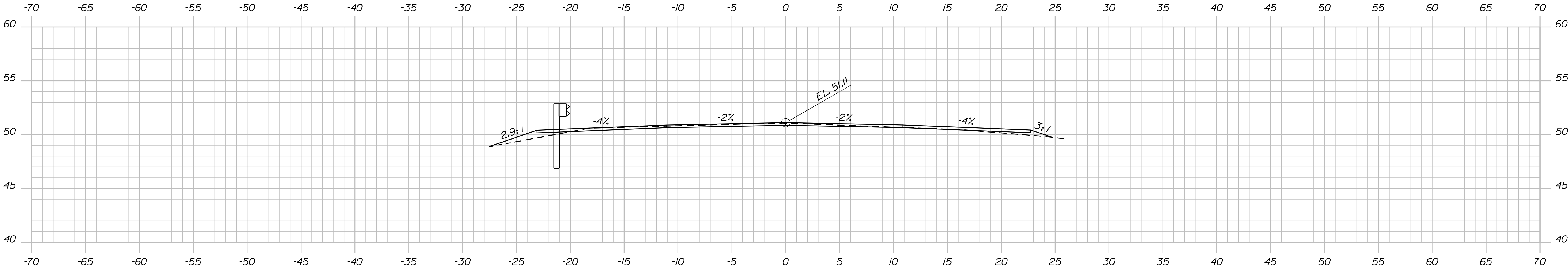
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WEST BATH		SIGNATURE		P.E. NUMBER		DATE		DESIGN-DETAILED		BY		N. Benoit	
								CHECKED-REVIEWED		D. Dornen		D. Edon	
								DESIGN-DETAILED					
								REVISIONS 1					
								REVISIONS 2					
								REVISIONS 3					
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								FIELD CHANGES					

Date:12/8/2010

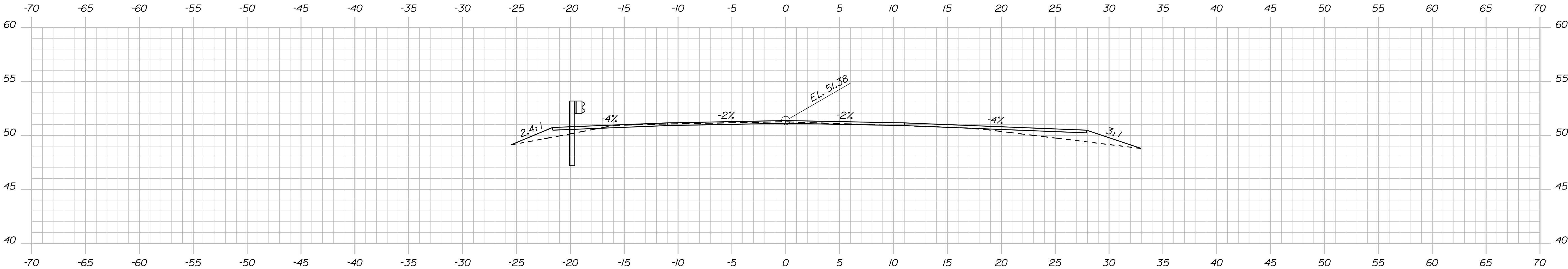
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Division: BRIDGE

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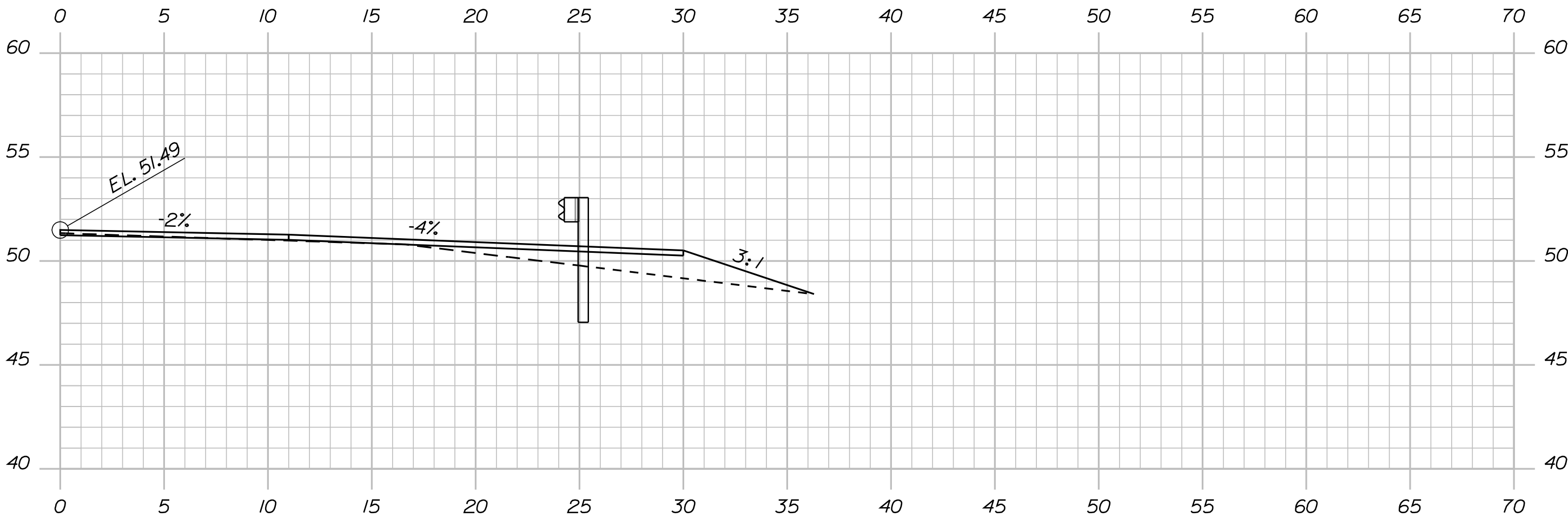
127+25.00



End Project

127+00.00

Begin Transition



126+89.90

Sta. 126+53.01 to 126+89.90
Install GR 350 Flared Terminal

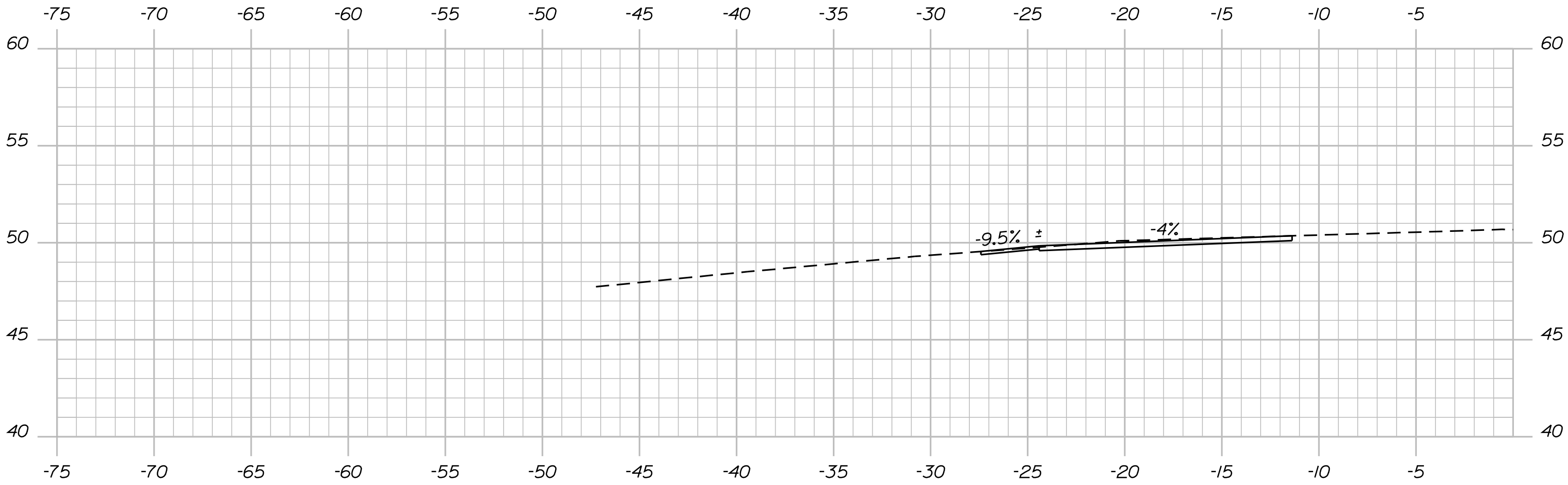
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	P.E. NUMBER	
	DATE	
16760.00		PIN
16760.00		BRIDGE NO. 8145
BRIDGE PLANS		
NEW MEADOWS ROAD BRIDGE U.S. ROUTE 1 SAGadahoc COUNTY		
CROSS SECTIONS		
SHEET NUMBER		
11		
OF 27		

Date:12/8/2010

Username: dond.damren

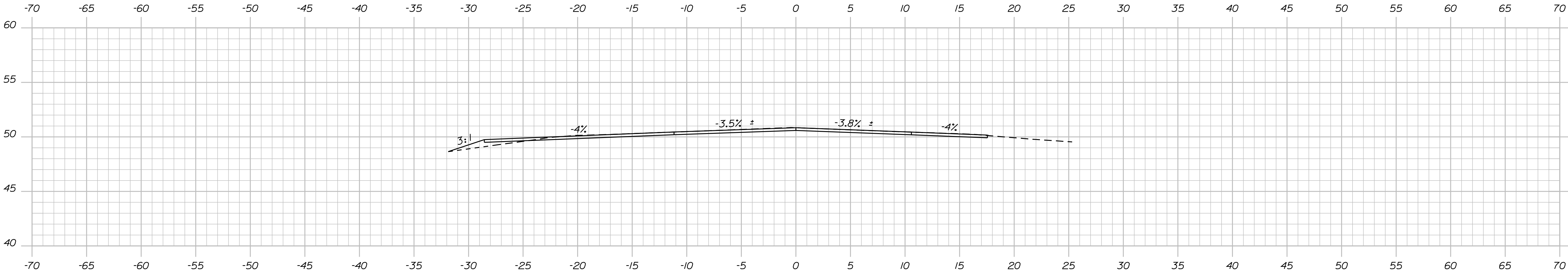
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Entrance

127+70.00

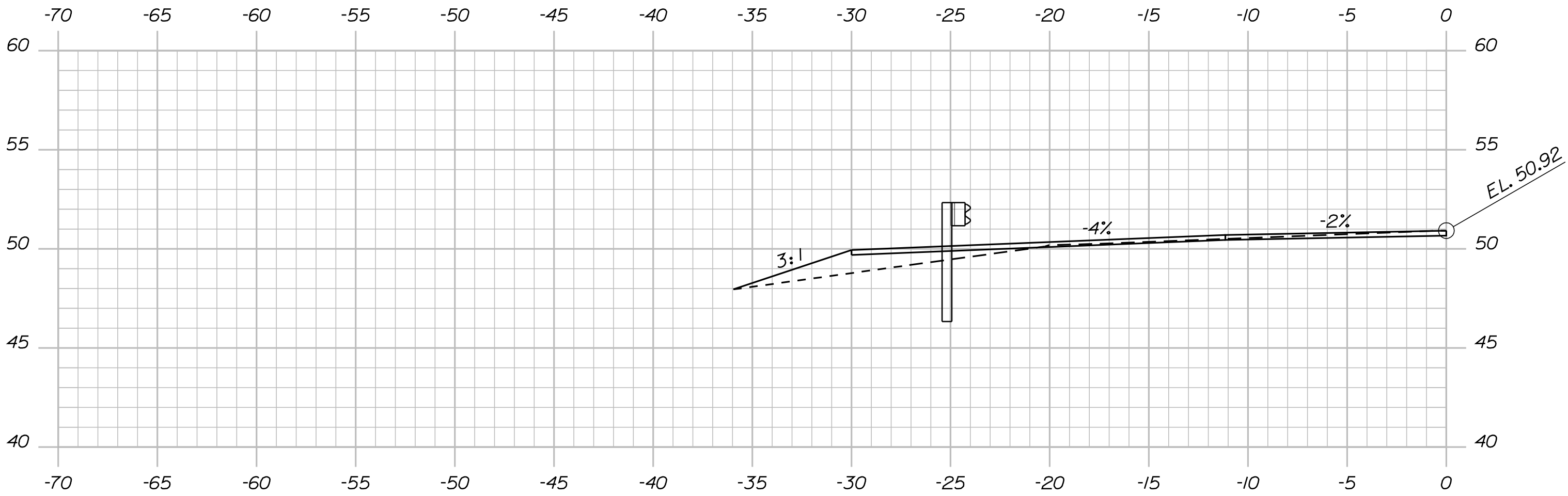


End Transition

127+50.00

Match Existing Section

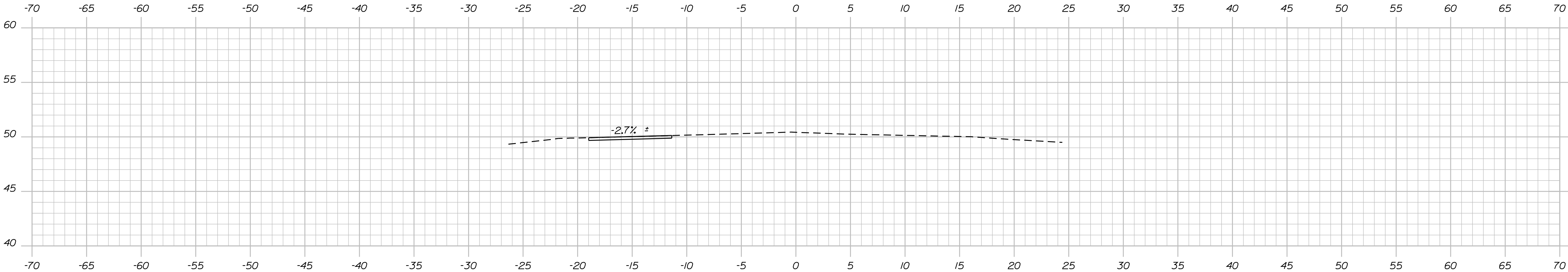
Sta. 127+60 ±
Limit of Shoulder Work



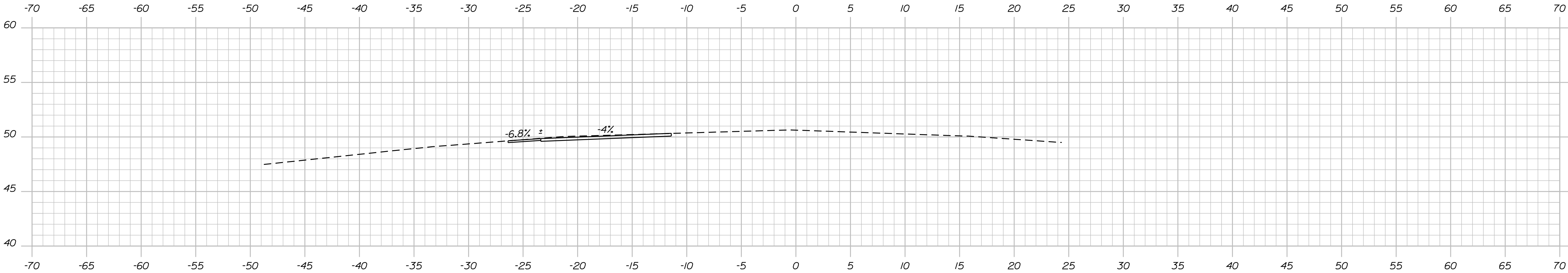
Sta. 126+06.04 to 127+43.02
Install GR 350 Flared Terminal

127+43.02

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
NEW MEADOWS ROAD BRIDGE		16760.00	
U.S. ROUTE 1		PIN	
WEST BATH		16760.00	
SAGadahoc COUNTY		BRIDGE NO. 6145	
CROSS SECTIONS		BRIDGE PLANS	
SHEET NUMBER		12	
		OF 27	



Sta. 128+13 ±
Limit of Shoulder Work 128+00.00



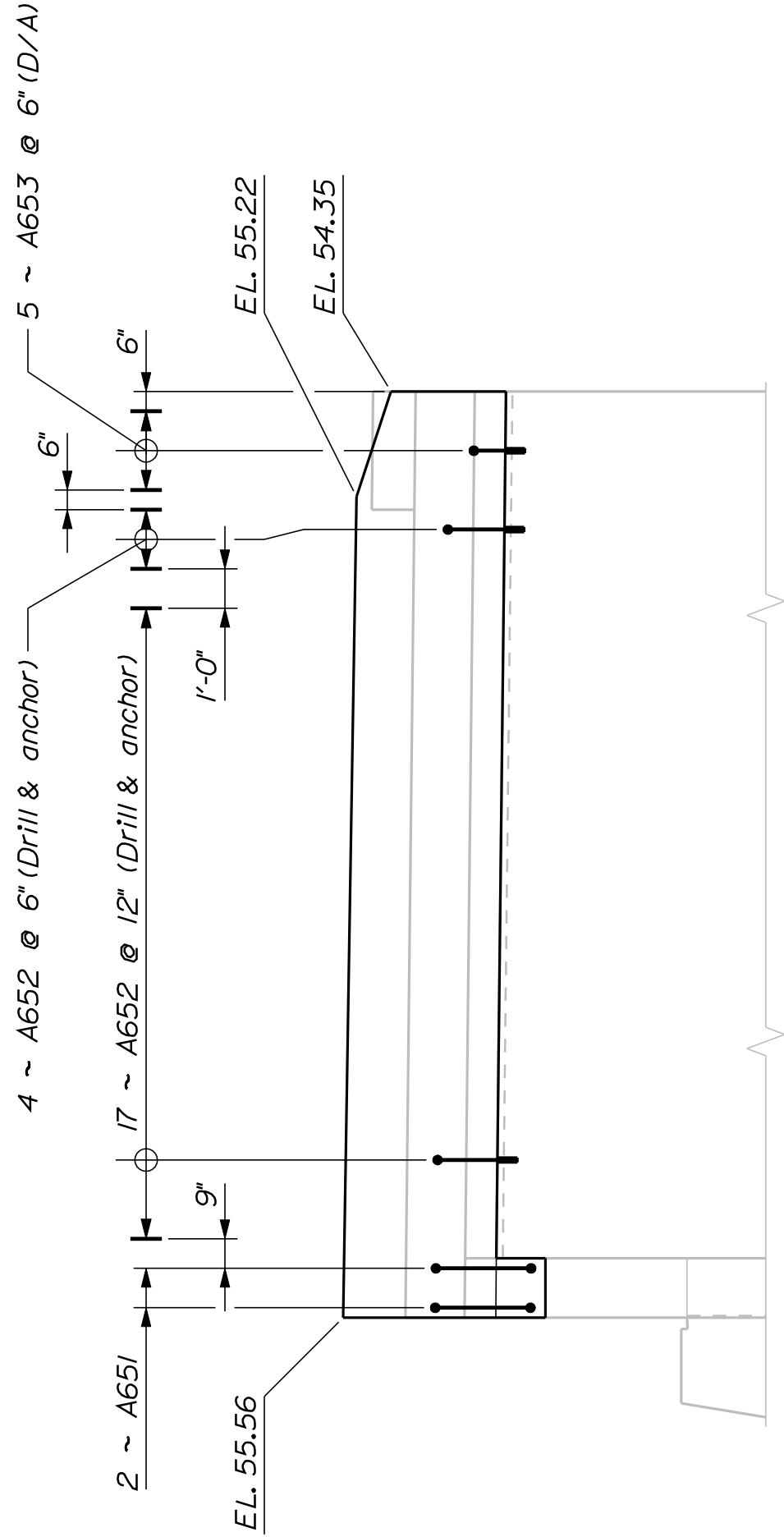
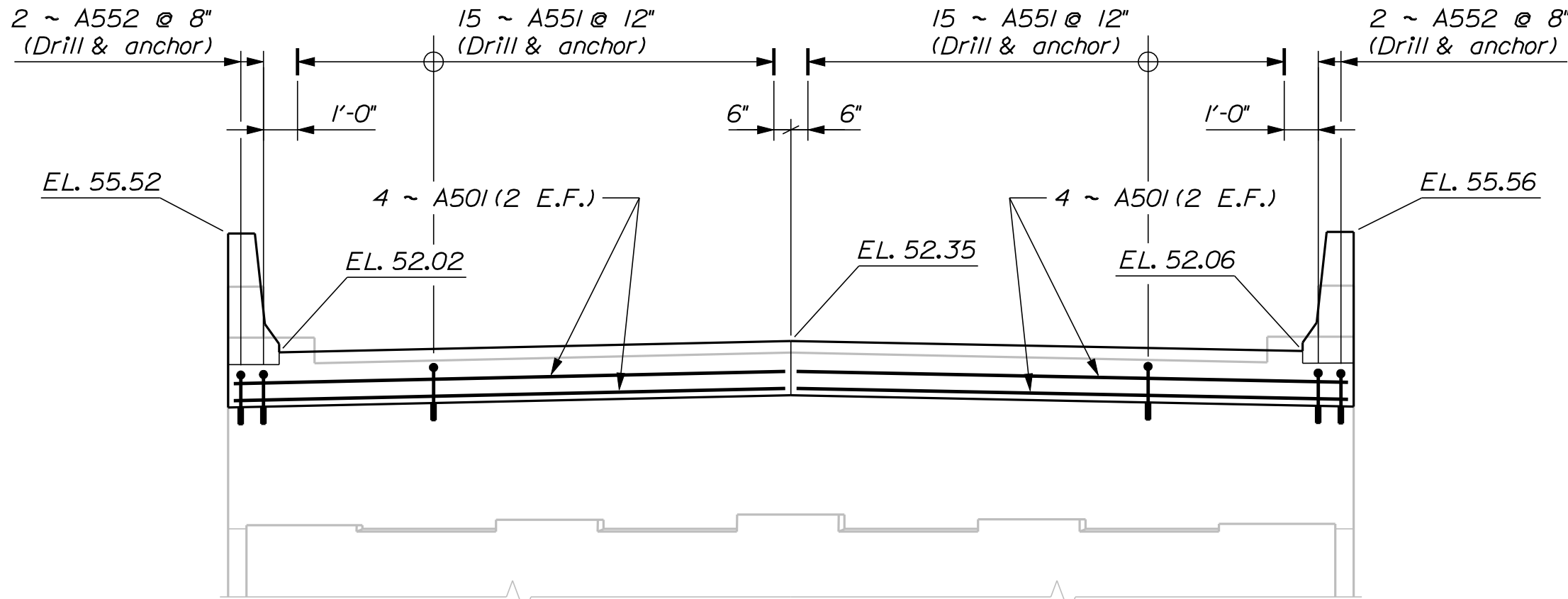
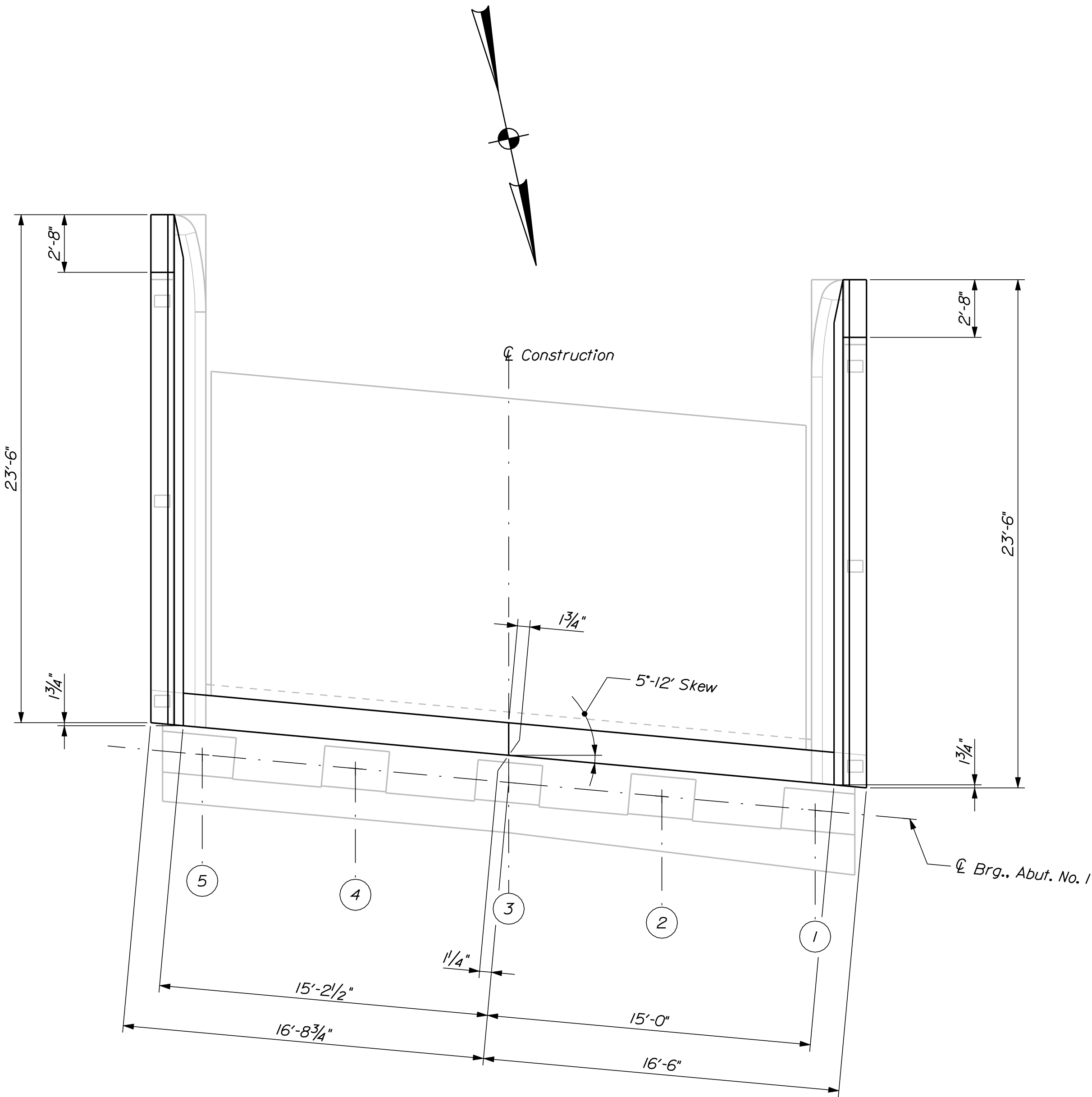
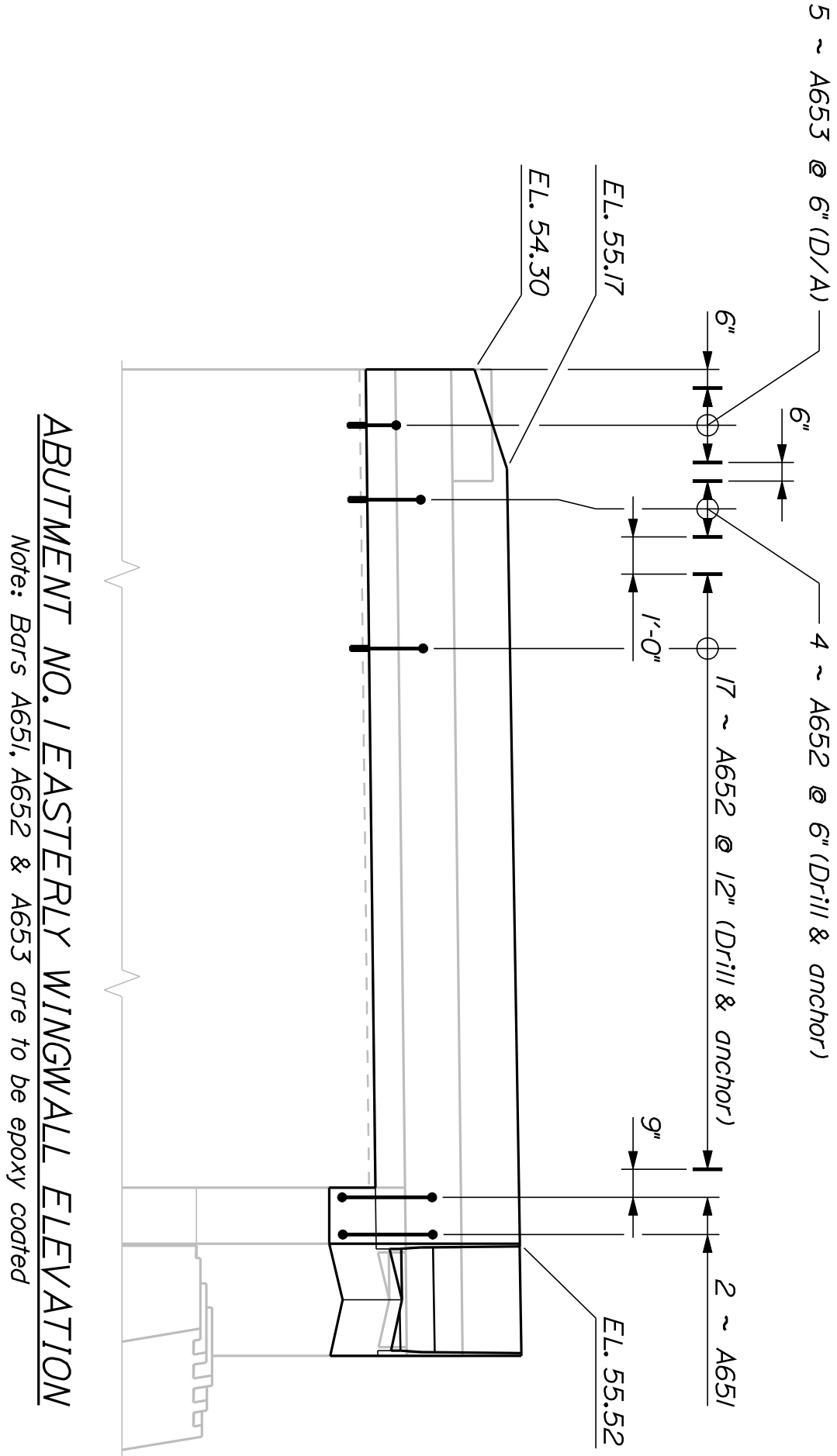
Sta. 127+18 ±
Limit of Shoulder Work 127+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16760.00
PIN 16760.00
BRIDGE NO. 6145
BRIDGE PLANS

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	N. Benoit	
CHECKED-REVIEWED	D. Dornen	
DESIGN-DETAILED		SIGNATURE
REVISIONS 1		P.E. NUMBER
REVISIONS 2		DATE
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

NEW MEADOWS ROAD BRIDGE
U.S. ROUTE 1
SAGadahoc COUNTY
WEST BATH
CROSS SECTIONS

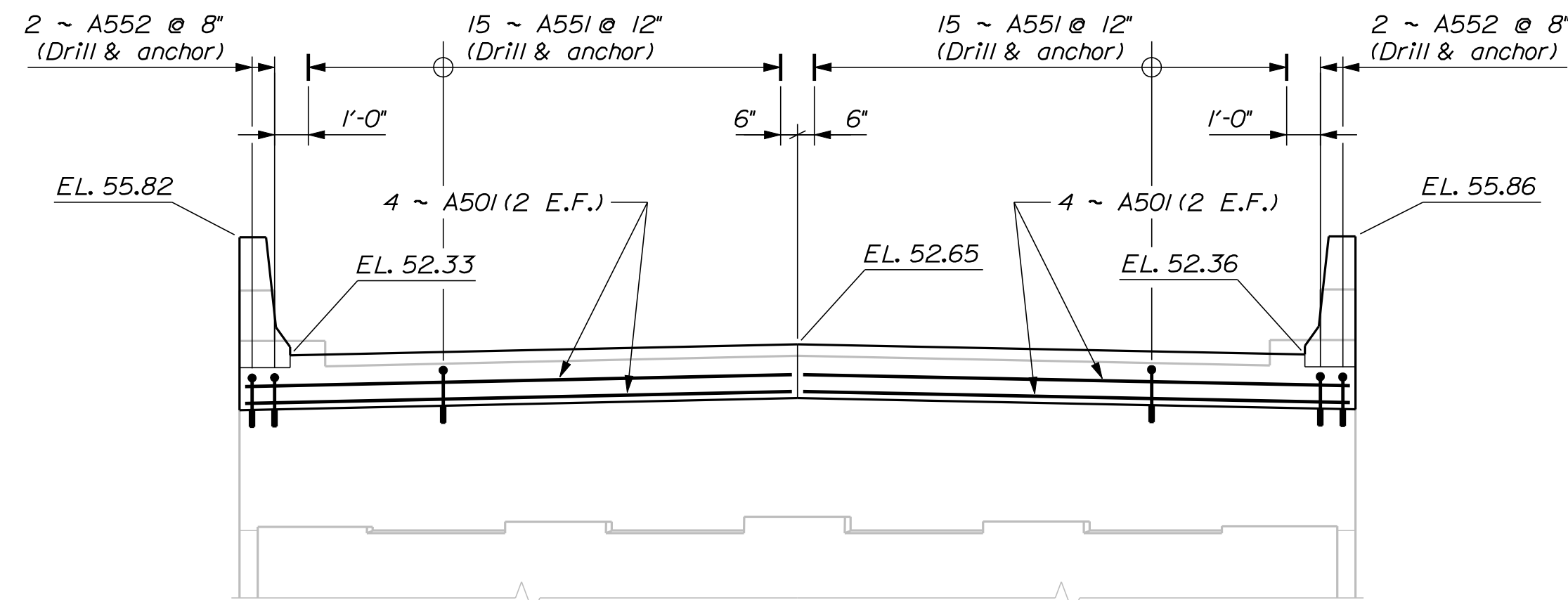
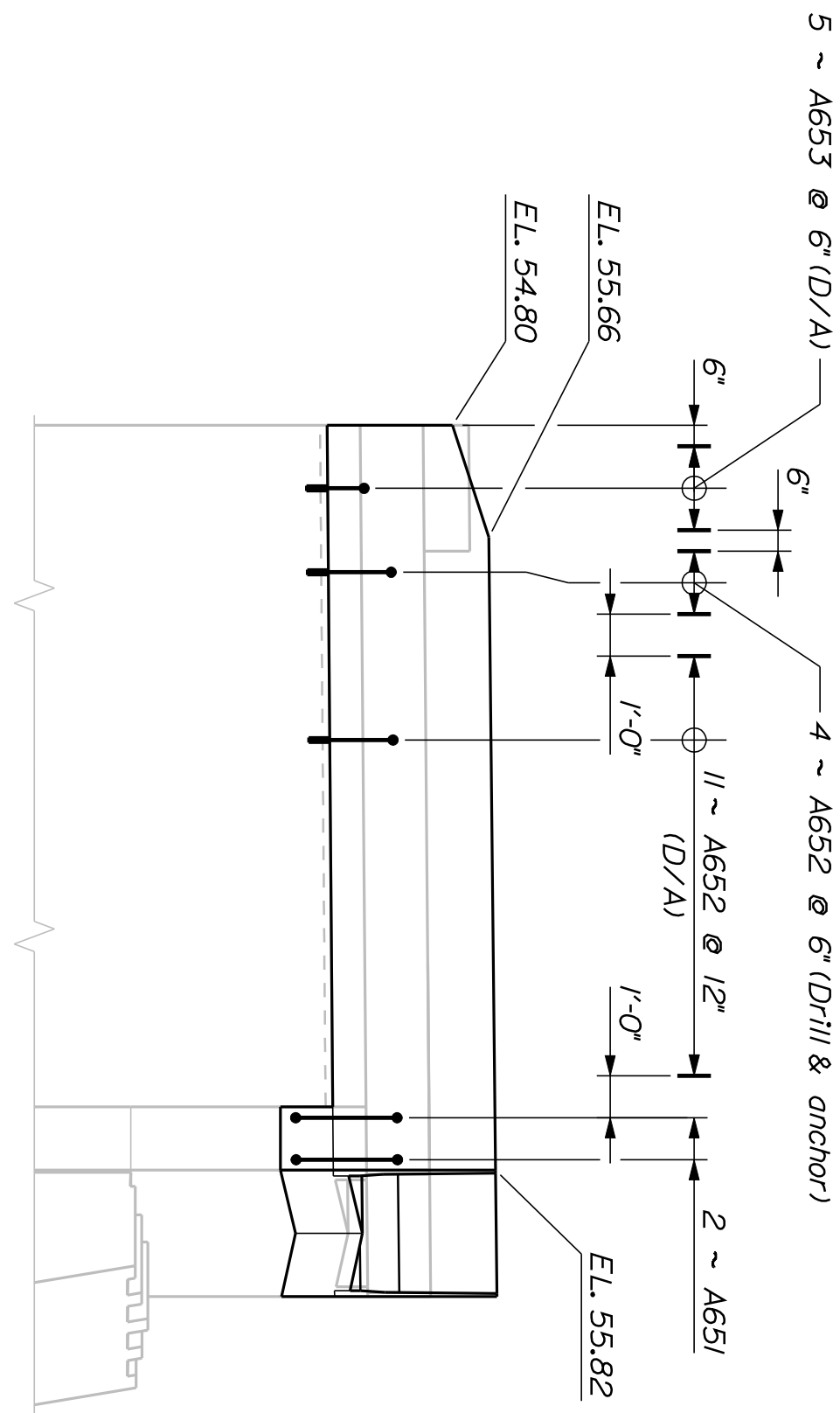
SHEET NUMBER
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OF 27



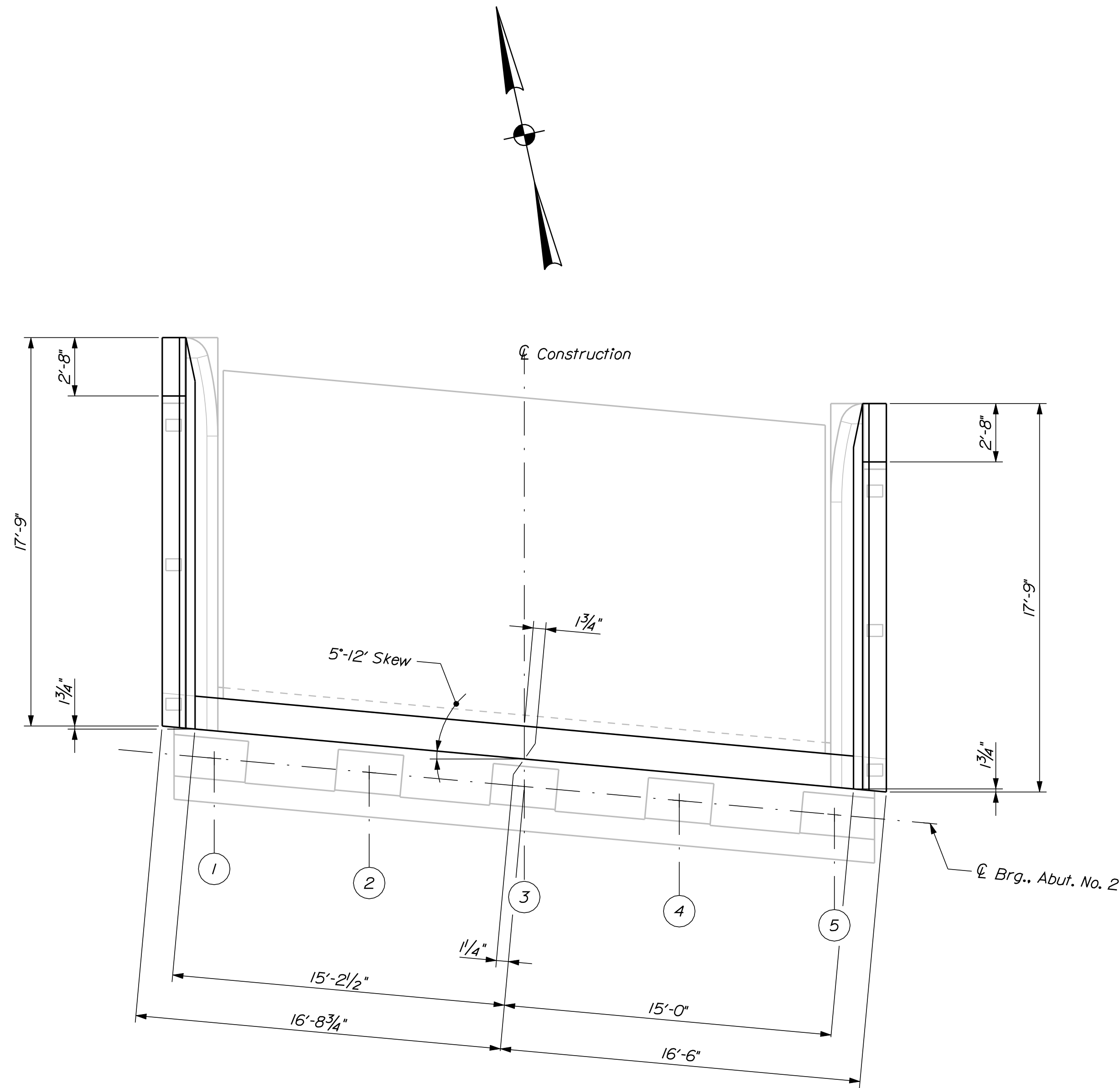
NEW MEADOWS ROAD BRIDGE U.S. ROUTE 1 WEST BATH SAGadahoc COUNTY	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
	16760.00			
	PIN 16760.00			
	BRIDGE NO. 6145			
ABUTMENT NO. 1	SIGNATURE			
	P.E. NUMBER			
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SHEET NUMBER		BRIDGE PLANS		
14		OF 27		



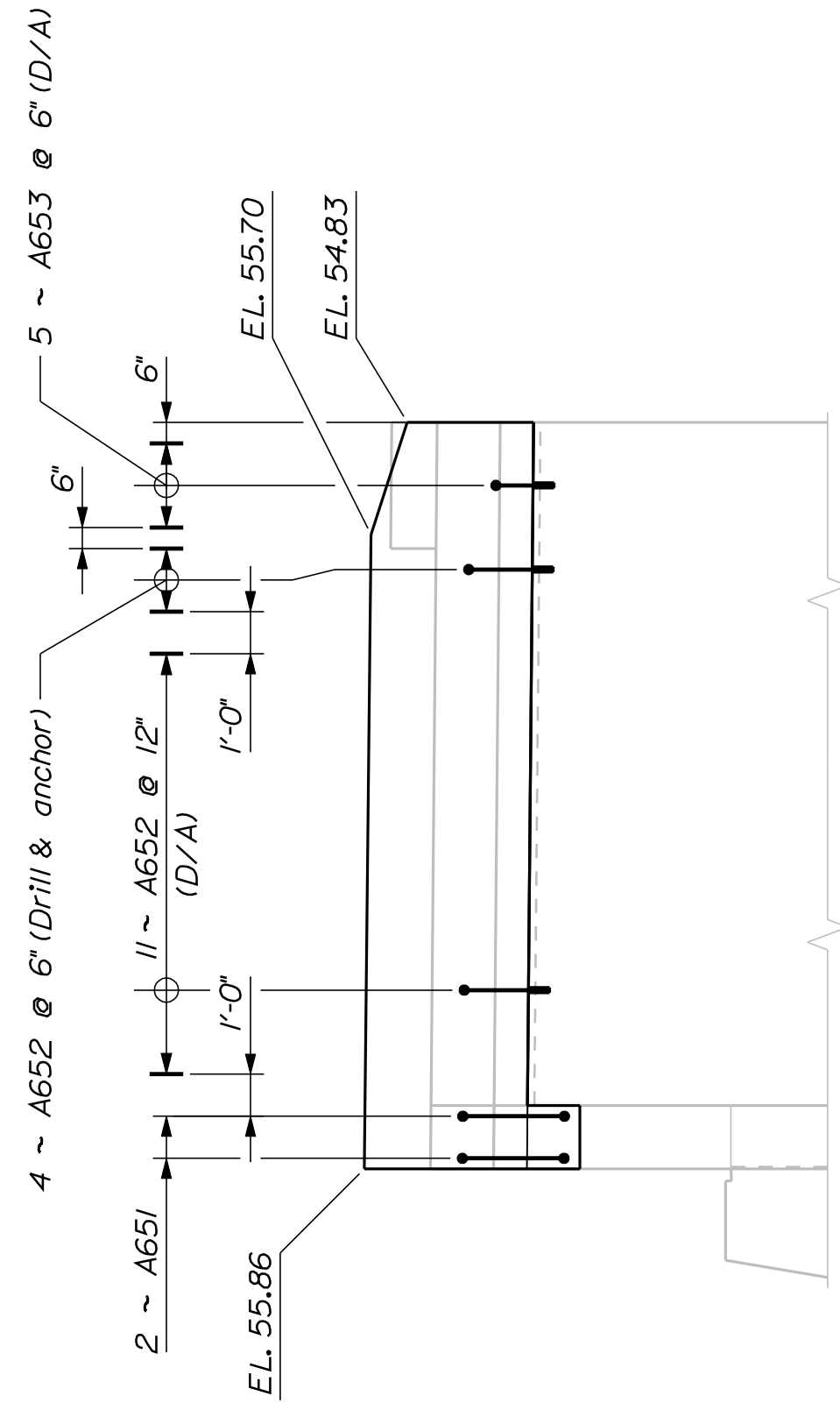
Note: Bars A651, A652 & A653 are to be epoxy coated



ABUTMENT NO. 2 BACKWALL ELEVATION



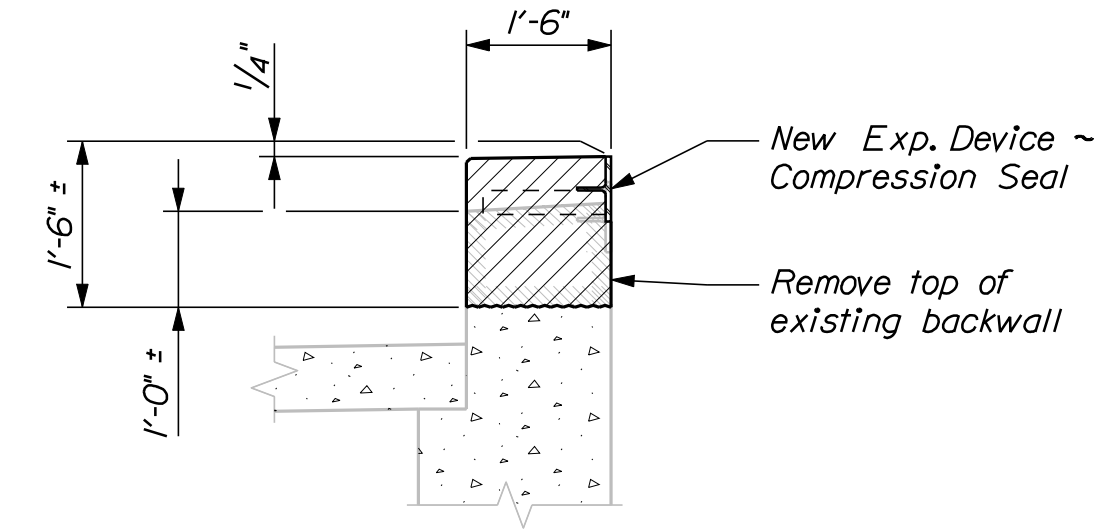
ABUTMENT NO. 2 PLAN



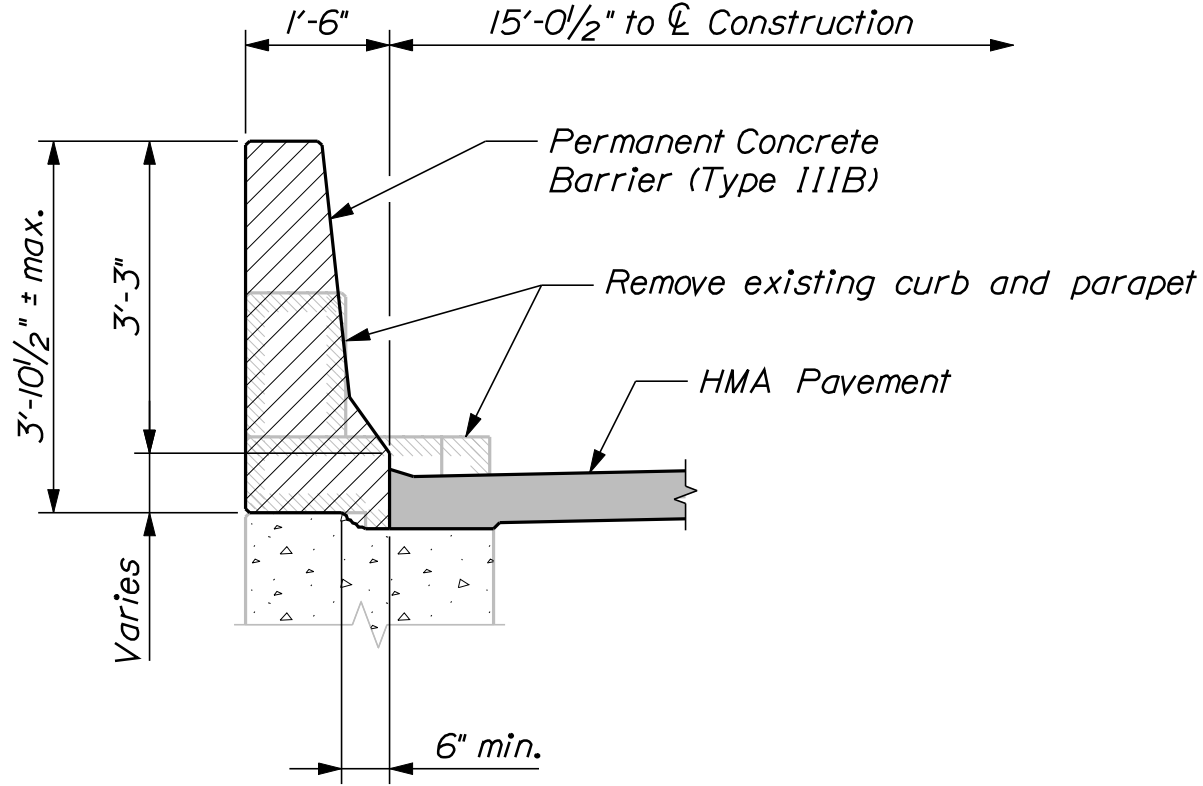
ABUTMENT NO. 2 EASTERLY WINGWALL ELEVATION

Note: Bars A651, A652 & A653 are to be epoxy coated

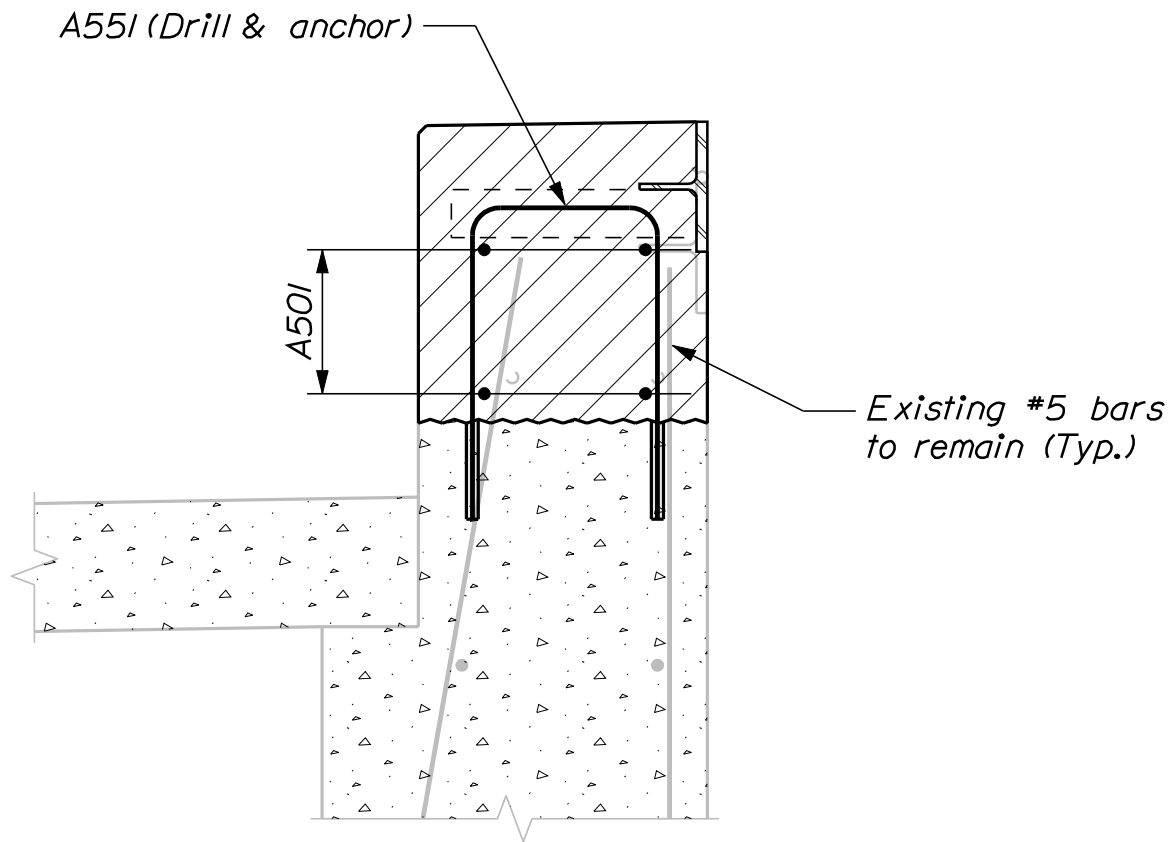
15 OF 27	SHEET NUMBER	NEW MEADOWS ROAD BRIDGE				PROJ. MANAGER D. E. LORIN	BY D. DORRIN	DATE	STATE OF MAINE	
		U.S. ROUTE 1							DEPARTMENT OF TRANSPORTATION	
		WEST BATH								
		SAGADAHOC COUNTY							16760.00	
		ABUTMENT NO. 2								
									CHECKED-REVIEWED	SIGNATURE
									DESIGN-DETAILED2	
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				BRIDGE NO. 6145		PIN 16760.00		BRIDGE PLANS		



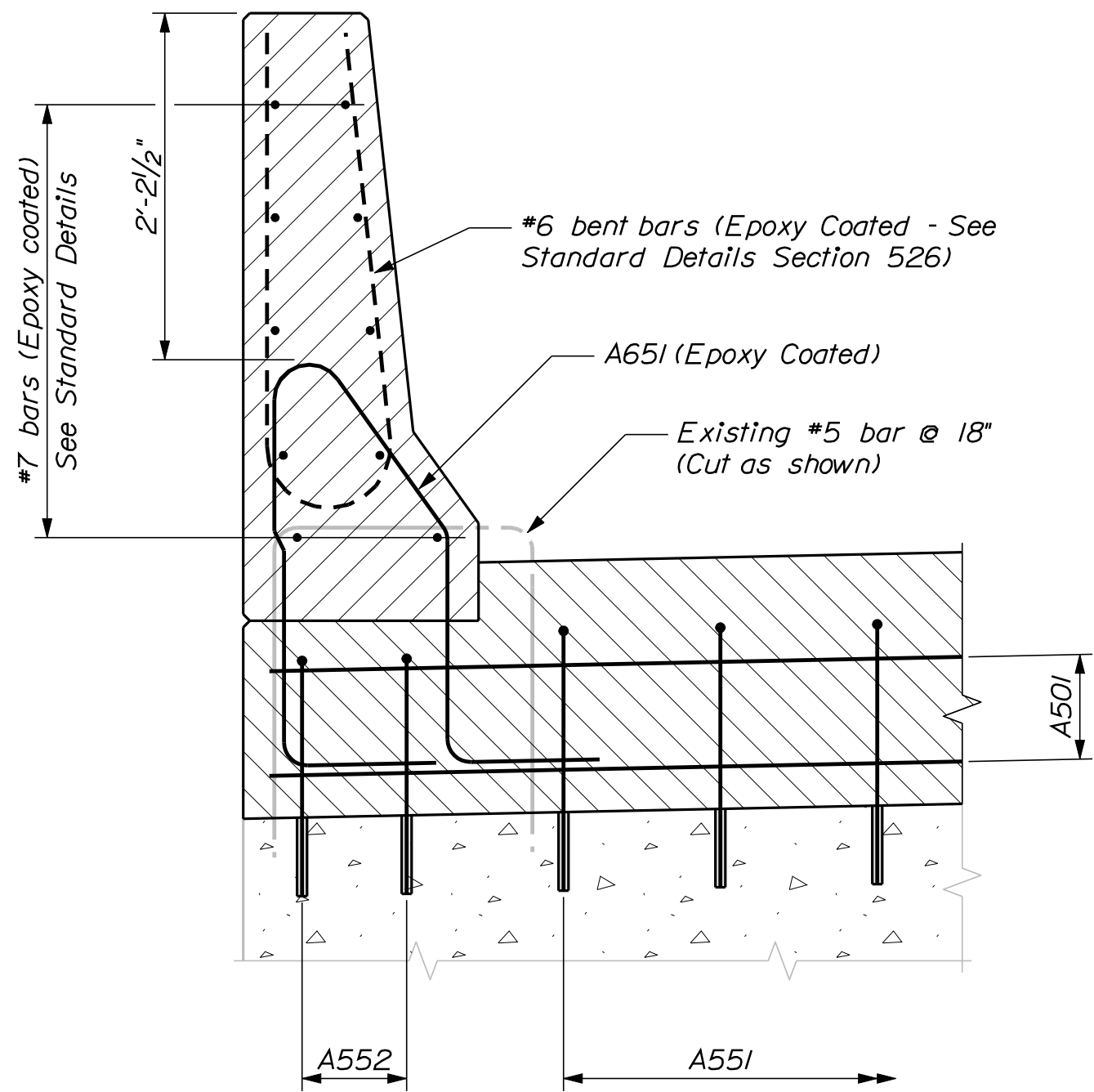
TYPICAL BACKWALL SECTION



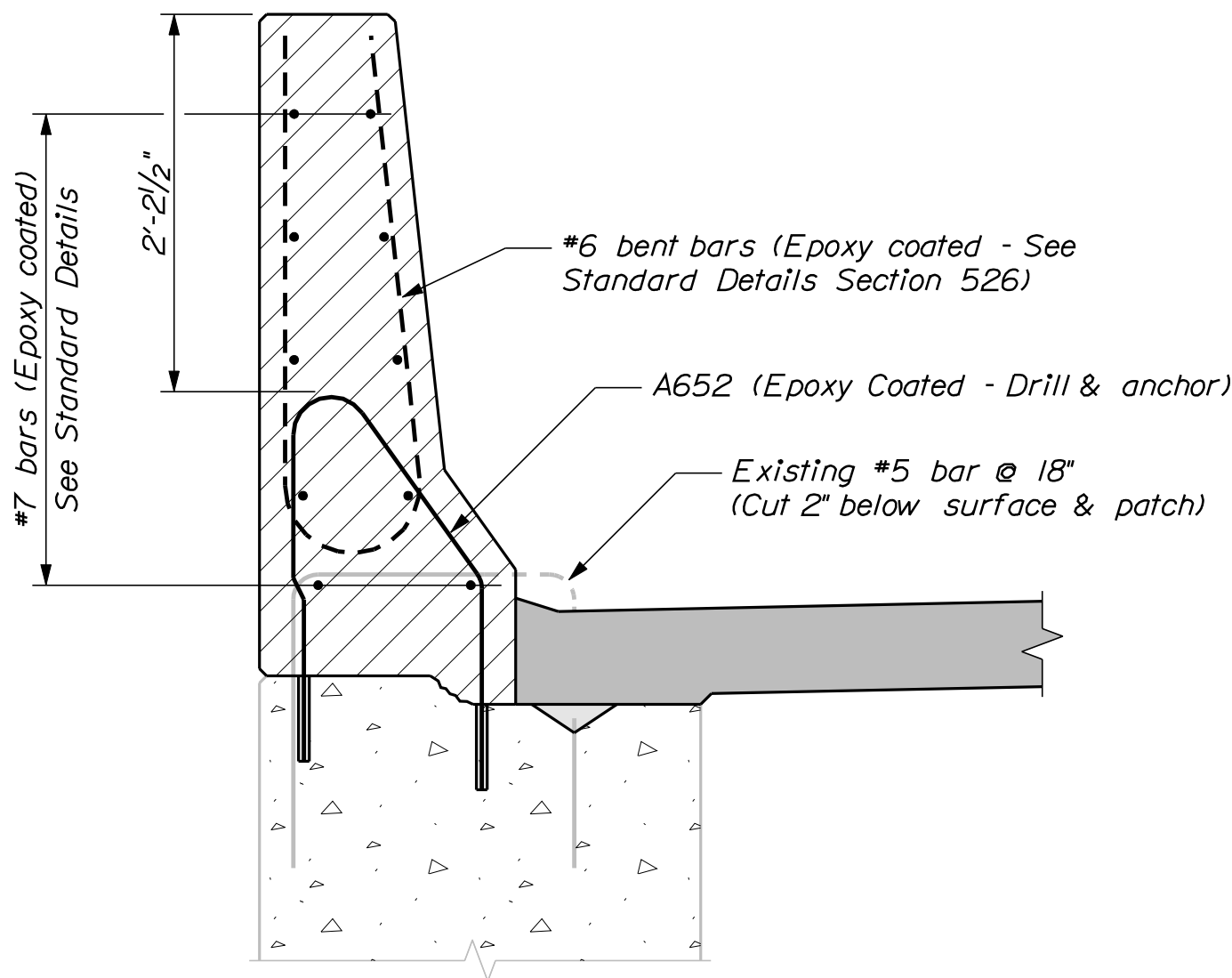
TYPICAL WINGWALL SECTION



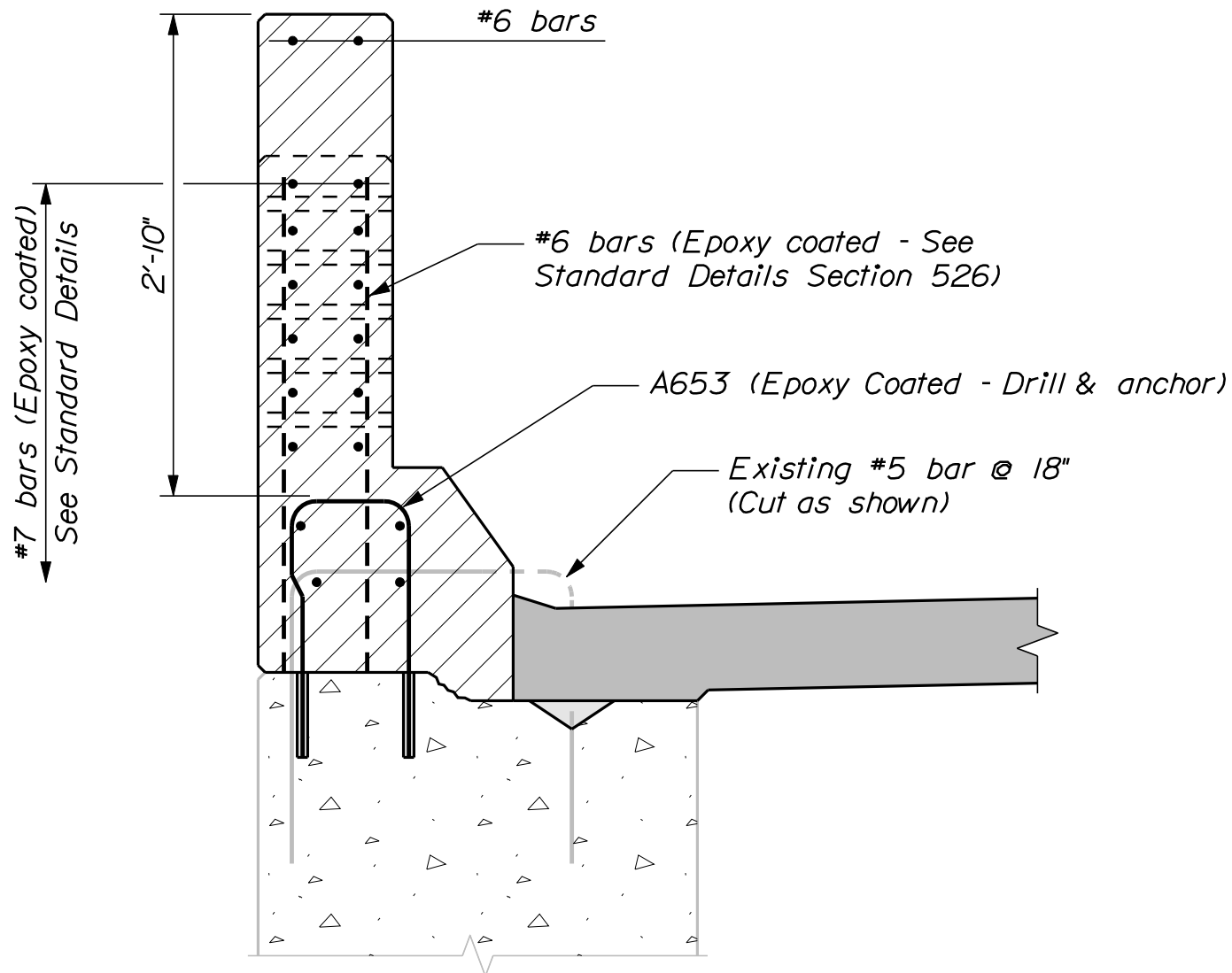
BACKWALL REINFORCING SECTION



WINGWALL BARRIER REINFORCING SECTION
At Backwall



WINGWALL REINFORCING SECTION
Typical Section



WINGWALL REINFORCING SECTION
Guardrail Taper Section

ABUTMENT NOTES

1. Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.
2. Existing granular material to be excavated in order to reconstruct the backwalls and wingwalls as shown shall be used to backfill the excavated areas. The material shall be compacted as directed by the Resident. Payment for excavation and backfill of existing granular material will be considered incidental to Contract items.
3. Existing vertical reinforcing steel falling within the limits of new concrete shall remain in place.
4. All reinforcing steel in the permanent concrete barriers shall be epoxy coated.
5. Payment for removal of all existing concrete, as well as granite curbing, bridge railing and expansion joint armor, required to reconstruct the backwalls and wingwalls as shown will be paid for under Item No. 202.17, Removing Existing Structural Concrete.

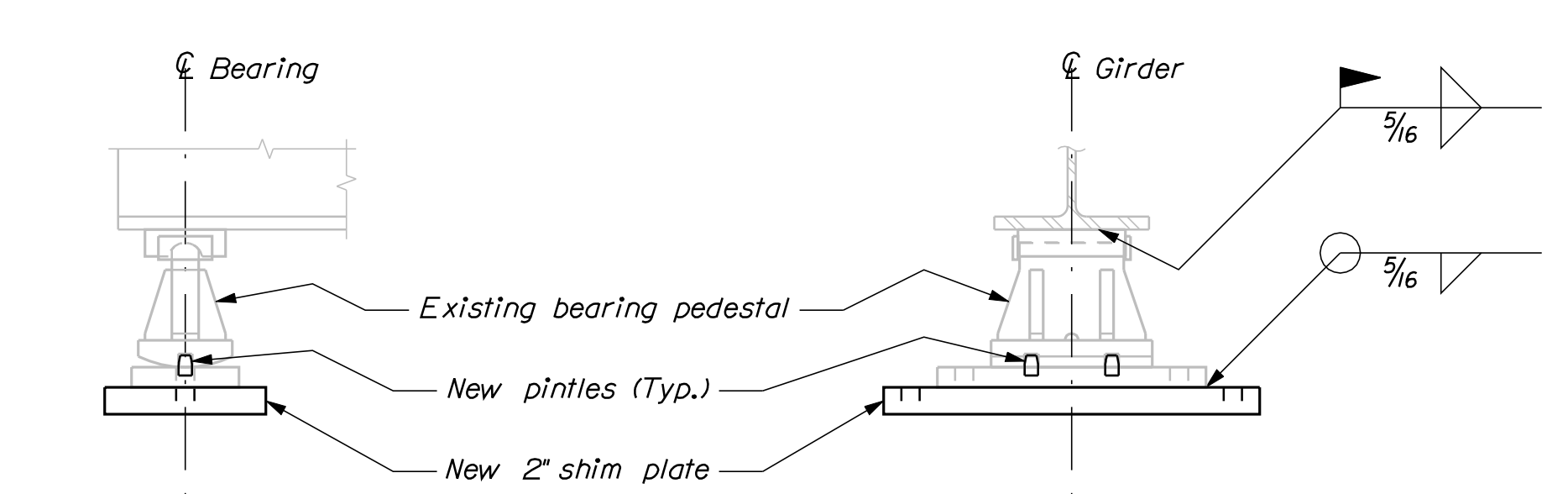
NEW MEADOWS ROAD BRIDGE U.S. ROUTE 1 WEST BATH SAGadahoc COUNTY	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
	16760.00			
	PIN 16760.00 BRIDGE NO. 6145 BRIDGE PLANS			
ABUTMENT DETAILS	PROJ. MANAGER	N. Benoit	BY	DATE
	CHECKED-REVIEWED	D. Eaton	D. Damren	
	DESIGNS DETAILLED			SIGNATURE
	REVISIONS 1			P.E. NUMBER
	REVISIONS 2			DATE
	REVISIONS 3			
SHEET NUMBER	16			
	OF 27			

Date:12/8/2010

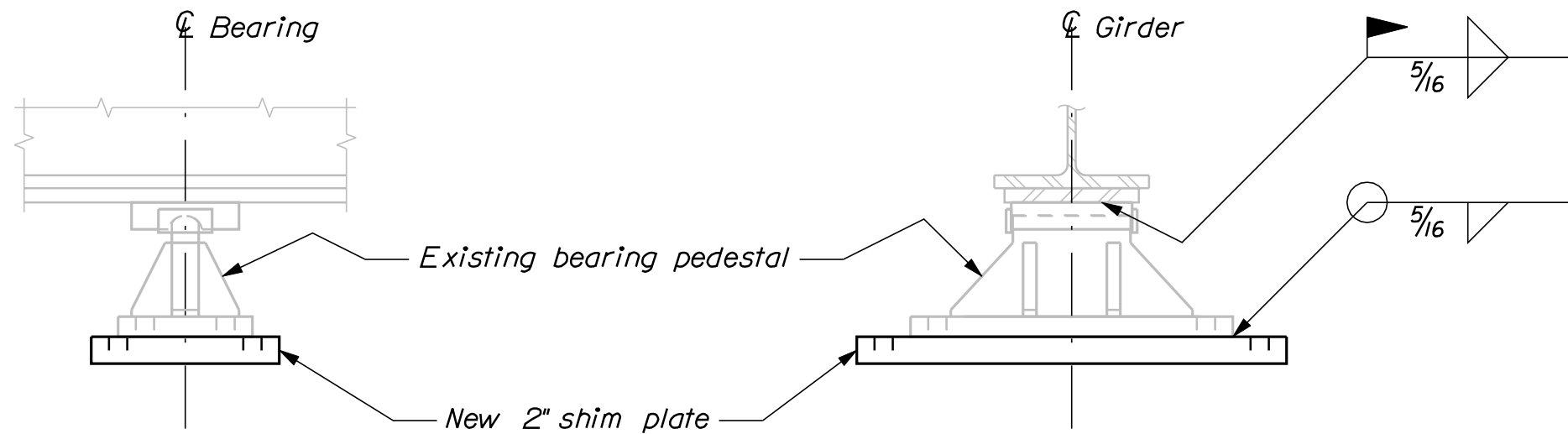
Username: dano.damren

Division: BRIDGE

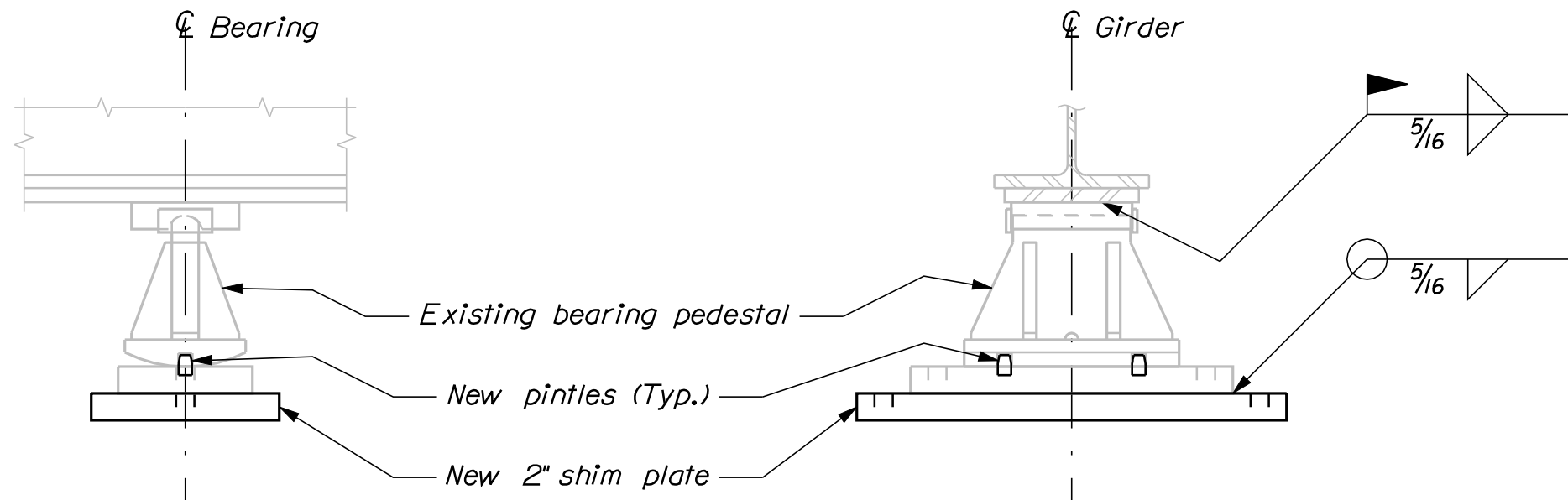
Filename: ... \bridge\msta\017_Bearings.dgn



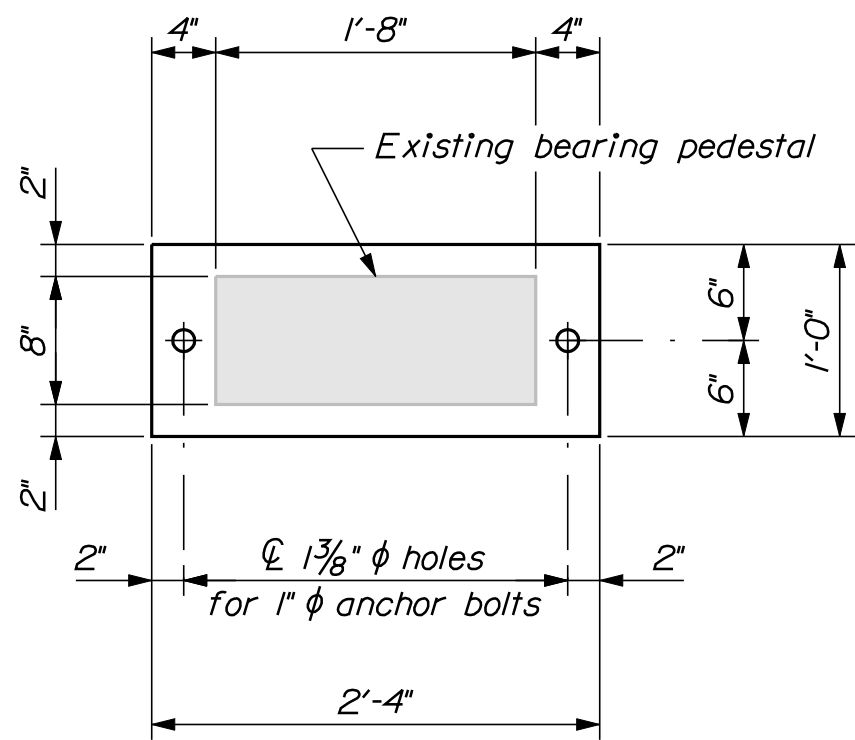
ABUTMENT BEARING PEDESTALS



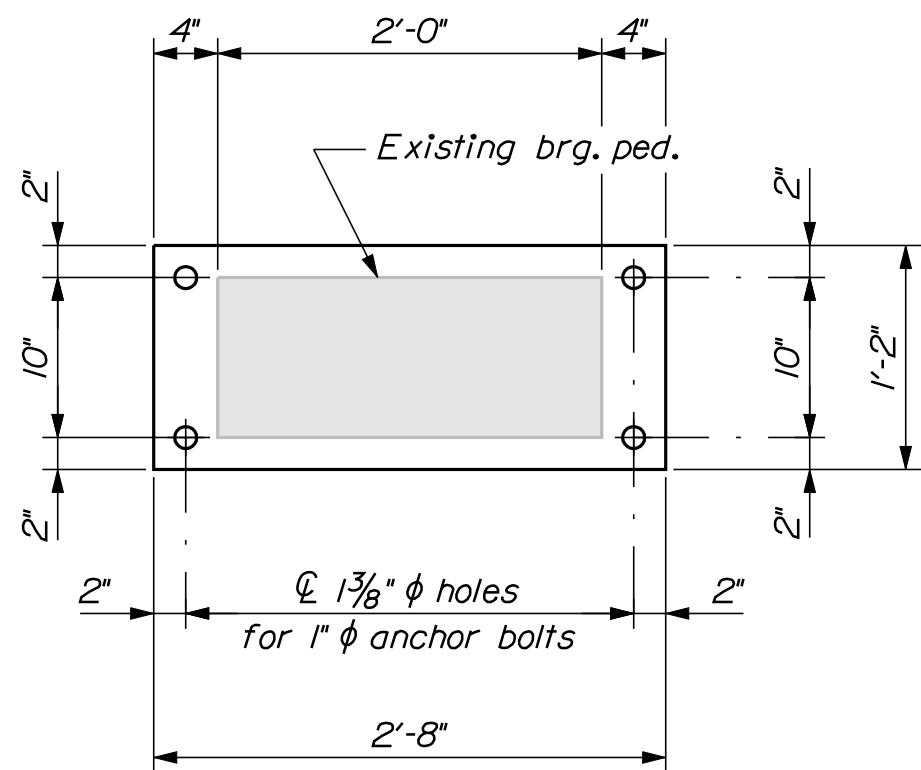
PIER NO. 1 BEARING PEDESTALS



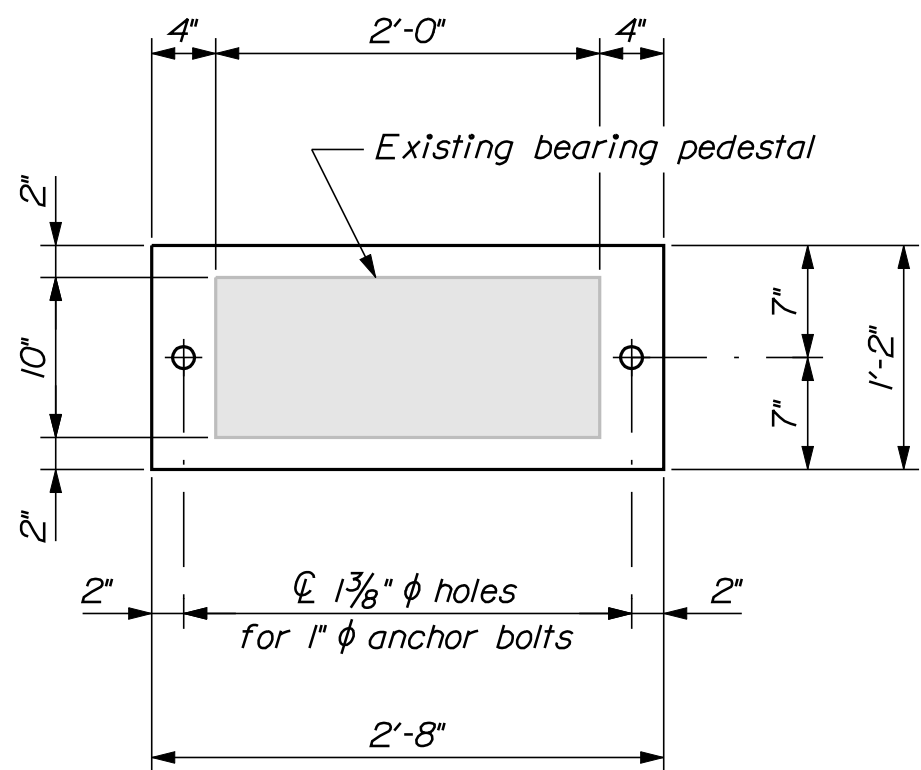
PIER NO. 2 BEARING PEDESTALS



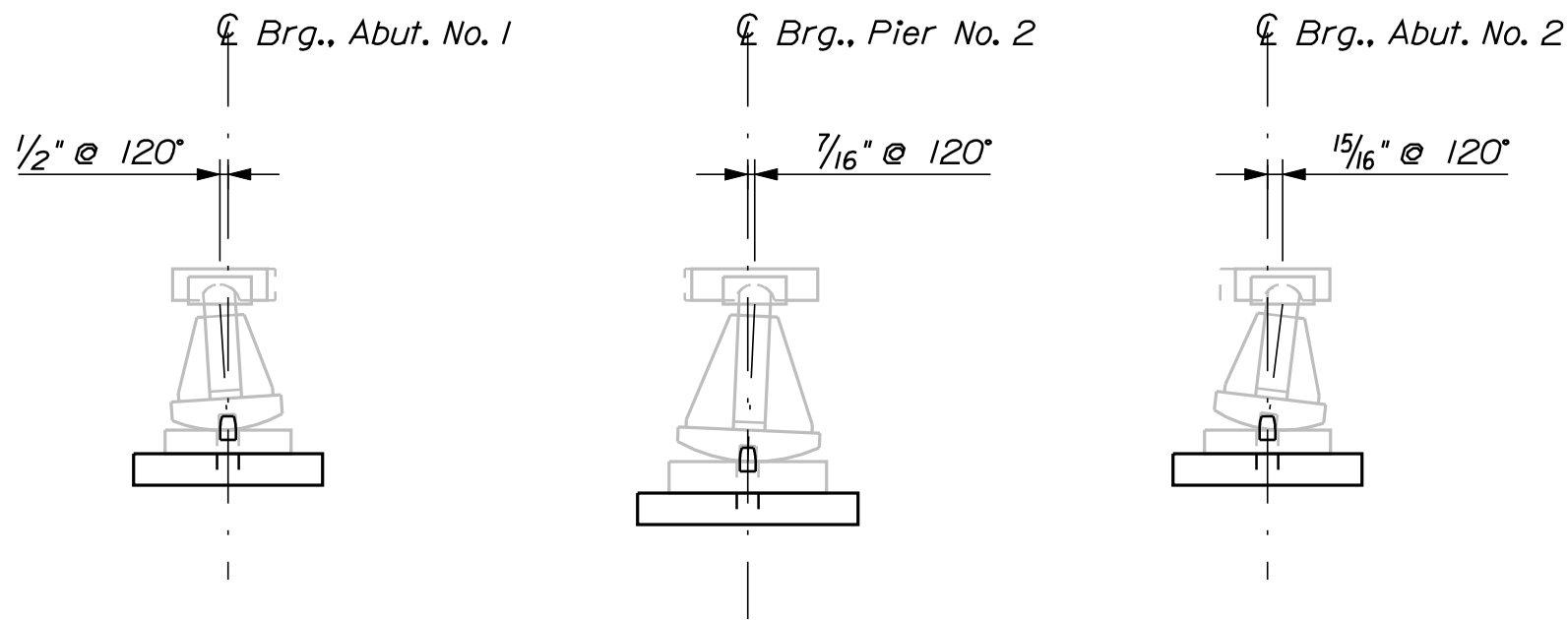
ABUTMENT SHIM PLATE PLAN
10 Required



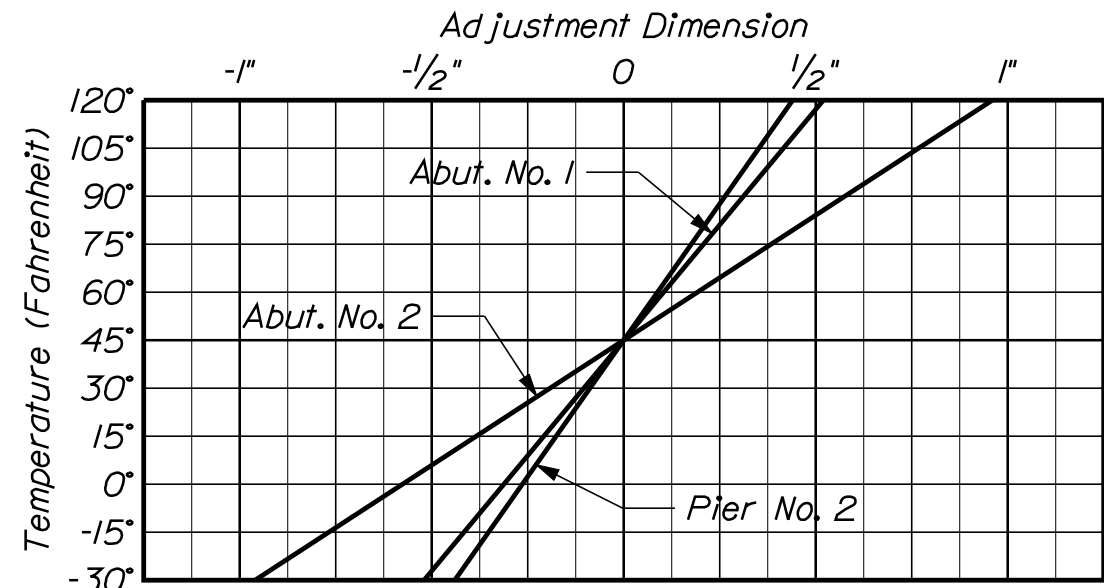
PIER NO. 1 SHIM PLATE PLAN
5 Required



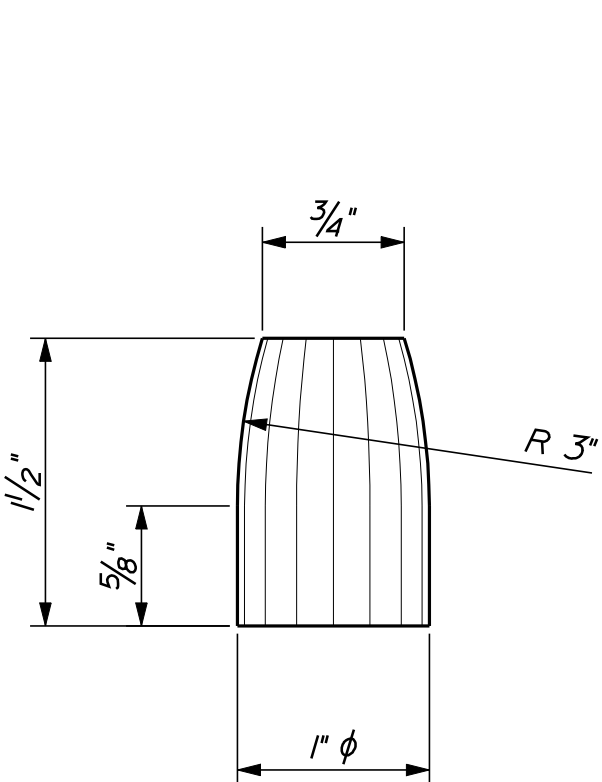
PIER NO. 2 SHIM PLATE PLAN
5 Required



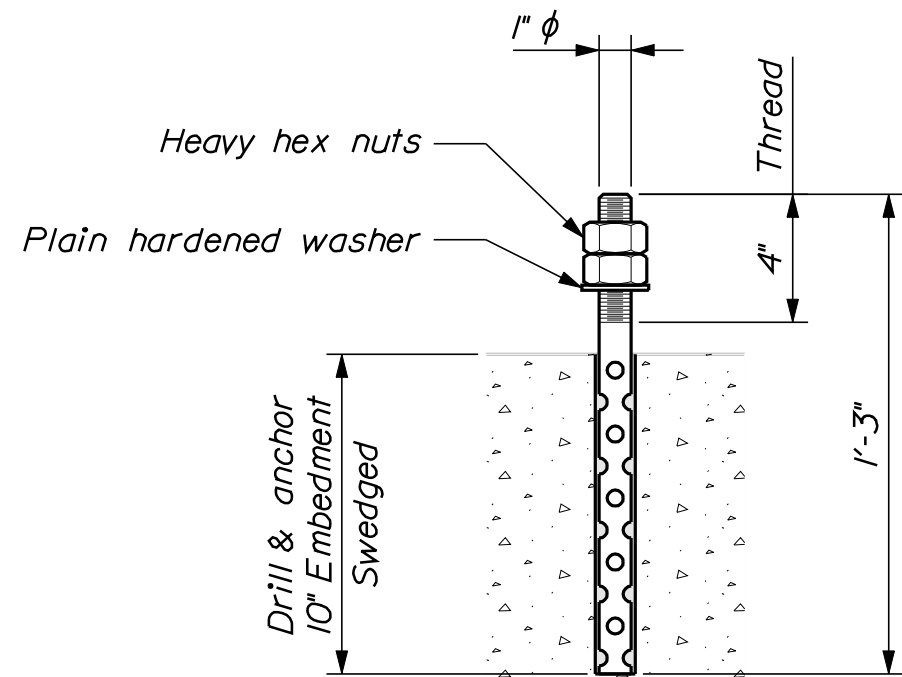
BEARING SETTING DETAILS



BEARING SETTING CHART
A positive dimension is toward the closest abutment backwall



NEW PINTLE DETAIL

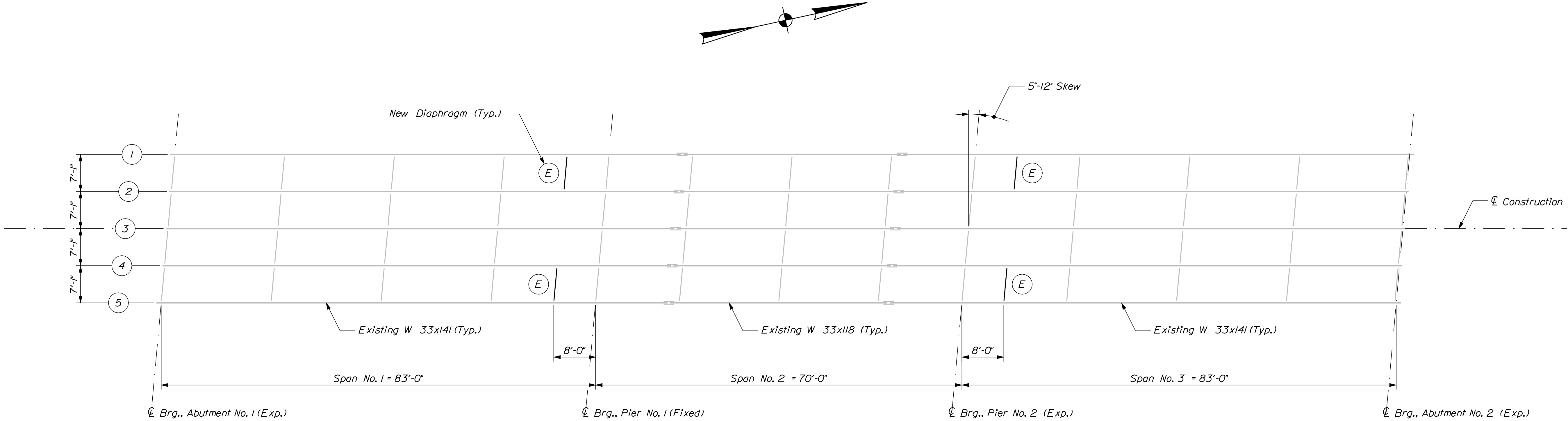


NEW ANCHOR BOLT DETAIL

BEARING PEDESTAL NOTES

- Each shim plate shall be placed on a 1/8-in. thick preformed pad of the same dimensions as the shim plate and with holes to match the shim plate. The pad shall be manufactured in accordance with Section 713.13 of the Standard Specifications.
- Anchor bolts and heavy hex nuts shall be galvanized in accordance with Special Provisions Section 506.

NEW MEADOWS ROAD BRIDGE U.S. ROUTE 1 WEST BATH SAGADAHOC COUNTY										PROJ. MANAGER D. Eaton		N. Benoit		BY D. Dornen		DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
BEARING PEDESTALS										DESIGN-DETAILED		CHECKED-REVIEWED		SIGNATURE		16760.00		PIN 16760.00		BRIDGE NO. 6145 BRIDGE PLANS	
										DESIGN2-DETAILED2		DESIGN3-DETAILED3		P.E. NUMBER							
										REVISIONS 1		REVISIONS 2		DATE							
										REVISIONS 3		REVISIONS 4									
FIELD CHANGES																					
SHEET NUMBER																					
17																					
OF 27																					



FRAMING PLAN

BOTTOM OF SLAB ELEVATIONS												
Span No. 1												
Girder	℄ Brg. Abut No. 1	+8.3'	+16.6'	+24.9'	+33.2'	+41.5'	+49.8'	+58.1'	+66.4'	+74.7'	℄ Brg. Pier No. 1	Girder
1	51.16	51.34	51.49	51.63	51.74	51.83	51.89	51.93	51.95	51.96	51.98	1
2	51.30	51.48	51.64	51.78	51.90	51.98	52.04	52.08	52.11	52.11	52.13	2
3	51.43	51.62	51.78	51.92	52.04	52.13	52.19	52.23	52.25	52.26	52.26	3
4	51.28	51.46	51.62	51.77	51.88	51.97	52.03	52.07	52.10	52.10	52.12	4
5	51.12	51.30	51.45	51.60	51.72	51.80	51.86	51.91	51.93	51.95	51.97	5

BOTTOM OF SLAB ELEVATIONS												
Span No. 2												
Girder	℄ Brg. Pier No. 1	+7.0	+14.0'	+21.0'	+28.0'	+35.0'	+42.0'	+49.0'	+56.0'	+63.0'	℄ Brg. Pier No. 2	Girder
1	51.98	52.03	52.07	52.09	52.11	52.12	52.12	52.12	52.12	52.09	52.06	1
2	52.13	52.17	52.22	52.24	52.26	52.27	52.27	52.27	52.27	52.23	52.21	2
3	52.26	52.32	52.36	52.39	52.41	52.42	52.42	52.42	52.41	52.39	52.35	3
4	52.12	52.17	52.21	52.24	52.25	52.27	52.27	52.27	52.27	52.24	52.21	4
5	51.97	52.02	52.06	52.09	52.10	52.12	52.12	52.12	52.12	52.10	52.06	5

BOTTOM OF SLAB ELEVATIONS												
Span No. 3												
Girder	℄ Brg. Pier No. 2	+8.3'	+16.6'	+24.9'	+33.2'	+41.5'	+49.8'	+58.1'	+66.4'	+74.7'	℄ Brg. Abut. No. 2	Girder
1	52.06	52.06	52.06	52.05	52.03	51.99	51.92	51.83	51.70	51.57	51.42	1
2	52.21	52.21	52.22	52.22	52.20	52.16	52.09	51.99	51.87	51.73	51.58	2
3	52.35	52.36	52.38	52.37	52.35	52.31	52.24	52.15	52.03	51.89	51.73	3
4	52.21	52.21	52.23	52.23	52.21	52.17	52.10	52.00	51.88	51.74	51.59	4
5	52.06	52.07	52.07	52.07	52.05	52.01	51.94	51.85	51.73	51.60	51.45	5

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

16760.00

PIN
16760.00

BRIDGE NO. 6145

BRIDGE PLANS

NEW MEADOWS ROAD BRIDGE
U.S. ROUTE 1
WEST BATH SAGadahoc COUNTY

STRUCTURAL STEEL

SHEET NUMBER

18

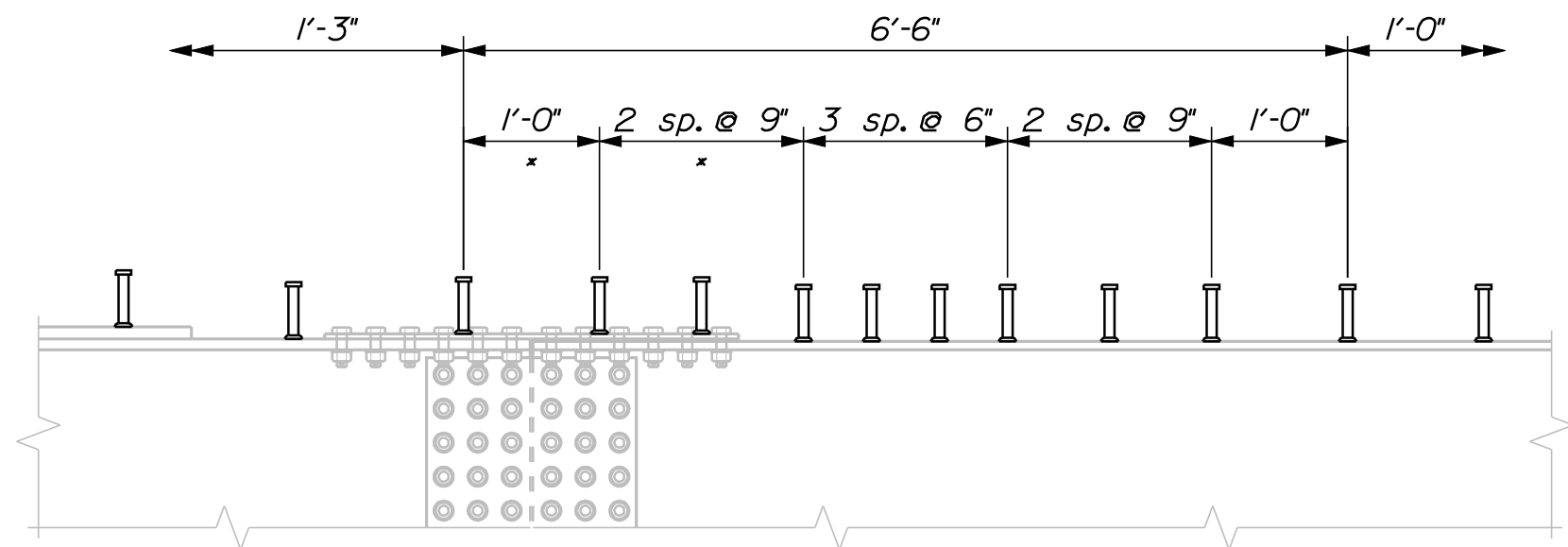
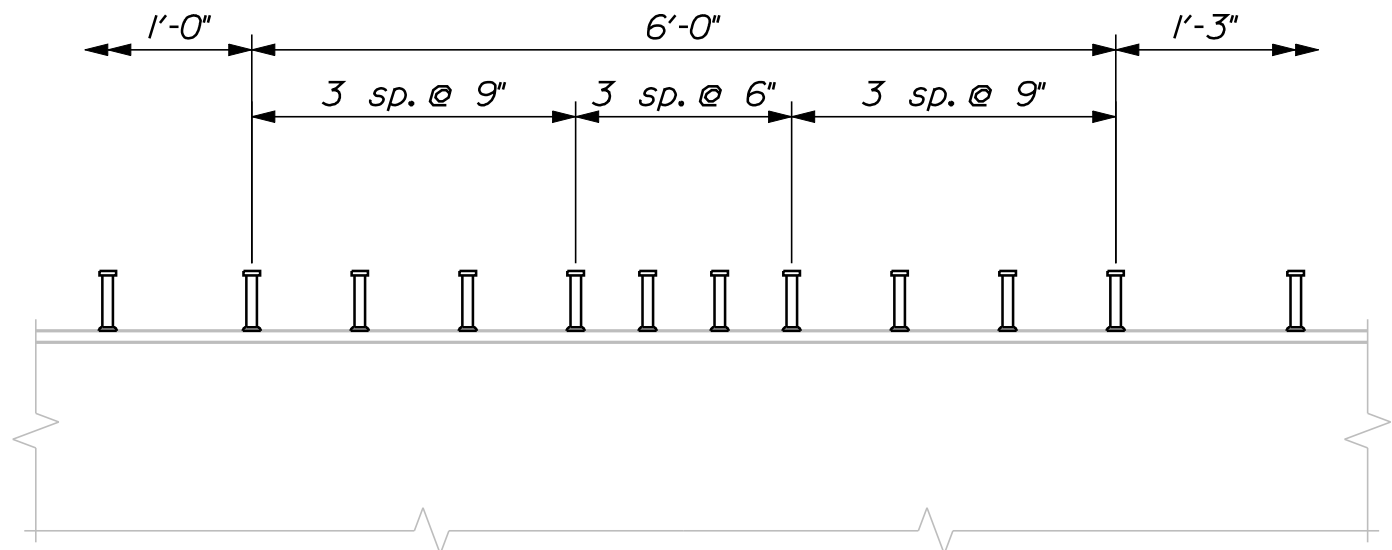
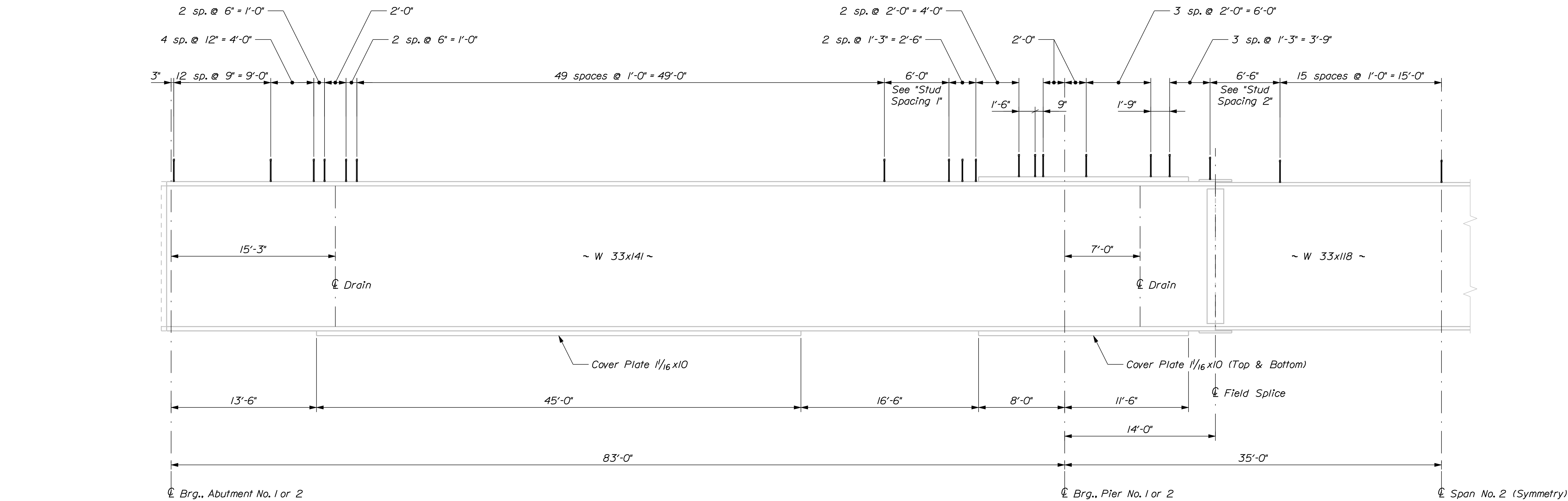
OF 27

Date:12/8/2010

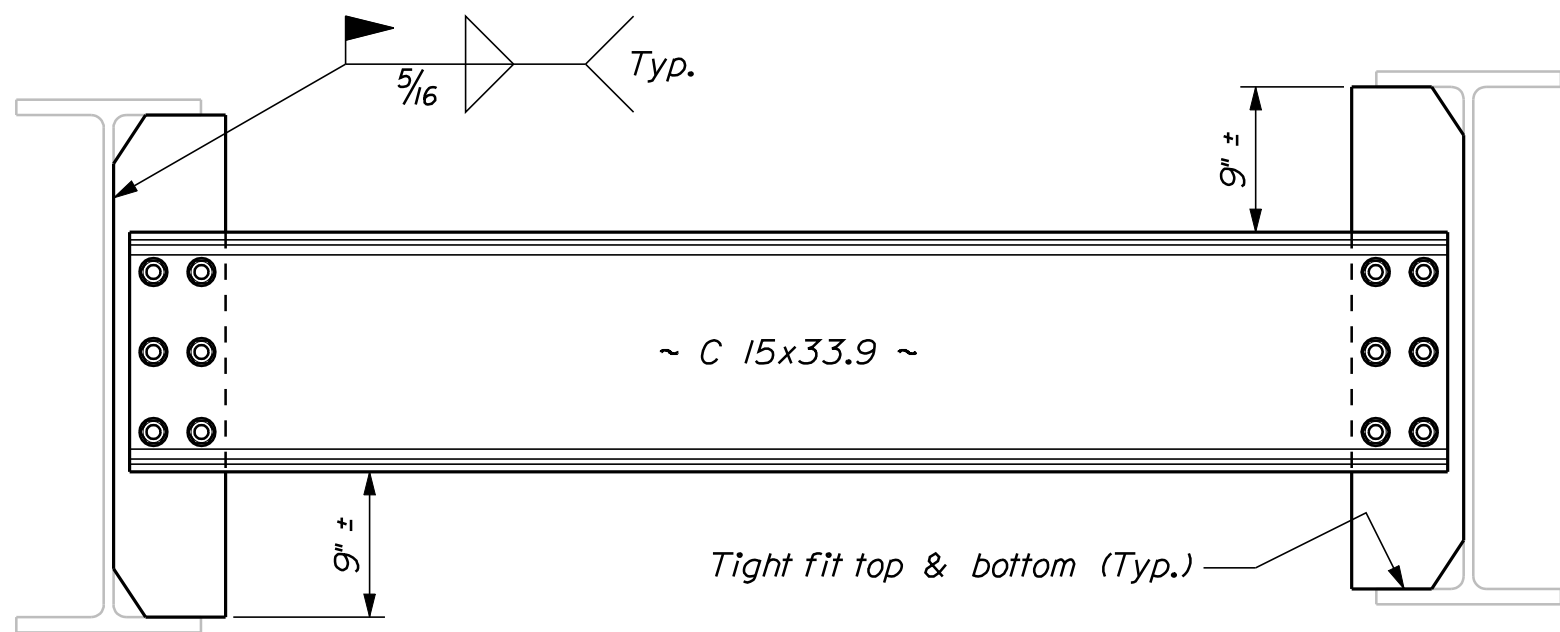
Username: dono.damren

Division: BRIDGE

Filename: ... \msta\019_StructuralSteel.dgn



* Adjust spacing to clear splice bolts

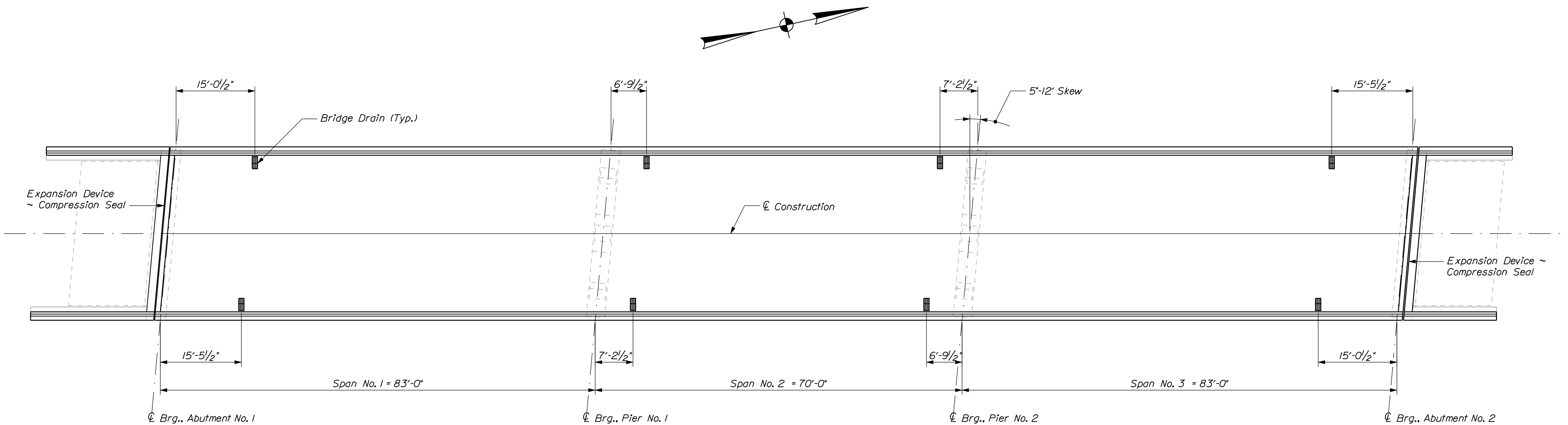


Refer to Standard Details Section 504 for details not shown

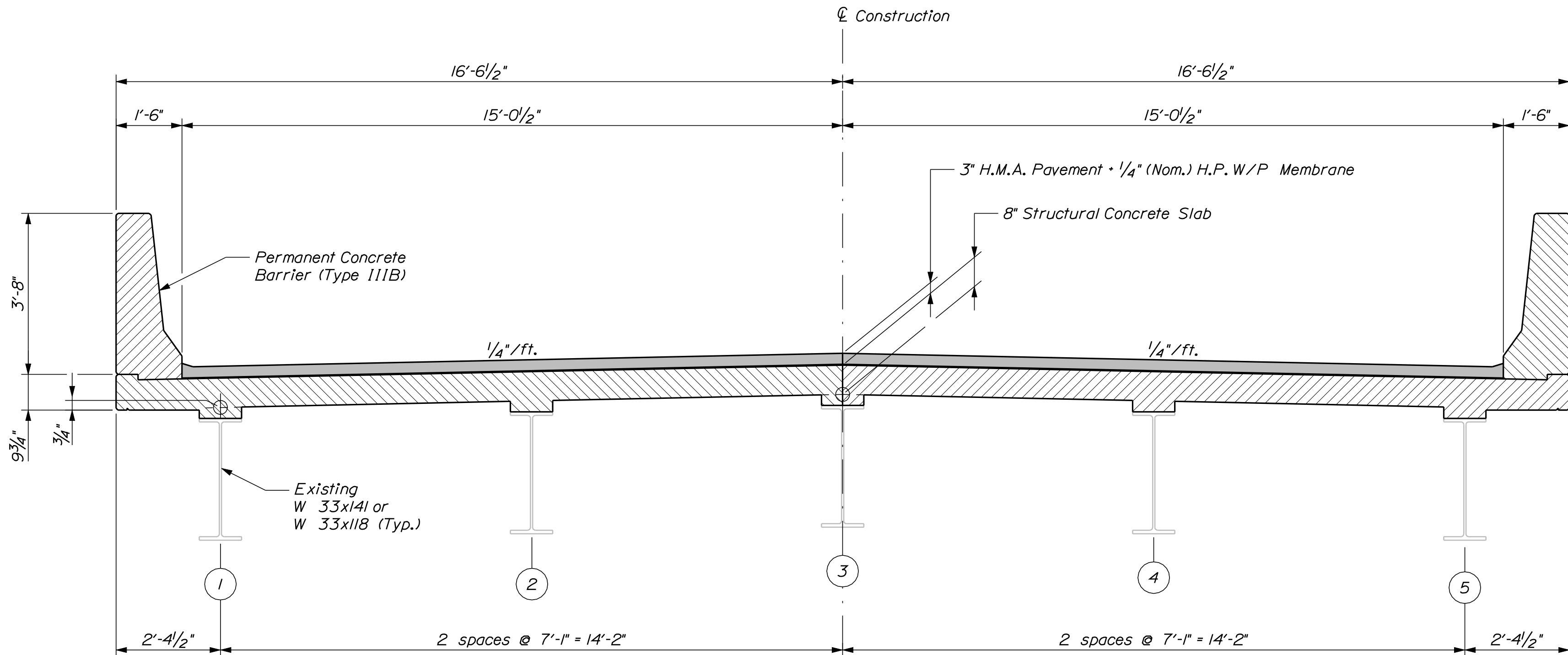
SHEAR CONNECTOR NOTES

1. The stud layout shown assumes the use of a full depth cast - in - place deck. See Superstructure Note No. 9, Sheet No. 20 if Precast Concrete Deck Panels are used.

SHEET NUMBER		NEW MEADOWS ROAD BRIDGE		PROJ. MANAGER		N. Benoit		BY		DATE		STATE OF MAINE	
19		U.S. ROUTE 1		DESIGN-DETAILED		D. Eaton		D. Damren				DEPARTMENT OF TRANSPORTATION	
				CHECKED-REVIEWED									
				DESIGN2-DETAILED2						SIGNATURE			
WEST BATH		SAGADAHOC COUNTY		DESIGN3-DETAILED3								16760.00	
STRUCTURAL STEEL				REVISIONS 1								P.E. NUMBER	
				REVISIONS 2									
				REVISIONS 3									
				REVISIONS 4									
				FIELD CHANGES						DATE		BRIDGE NO. 6145	
												PIN	
												16760.00	
												BRIDGE PLANS	



SUPERSTRUCTURE PLAN



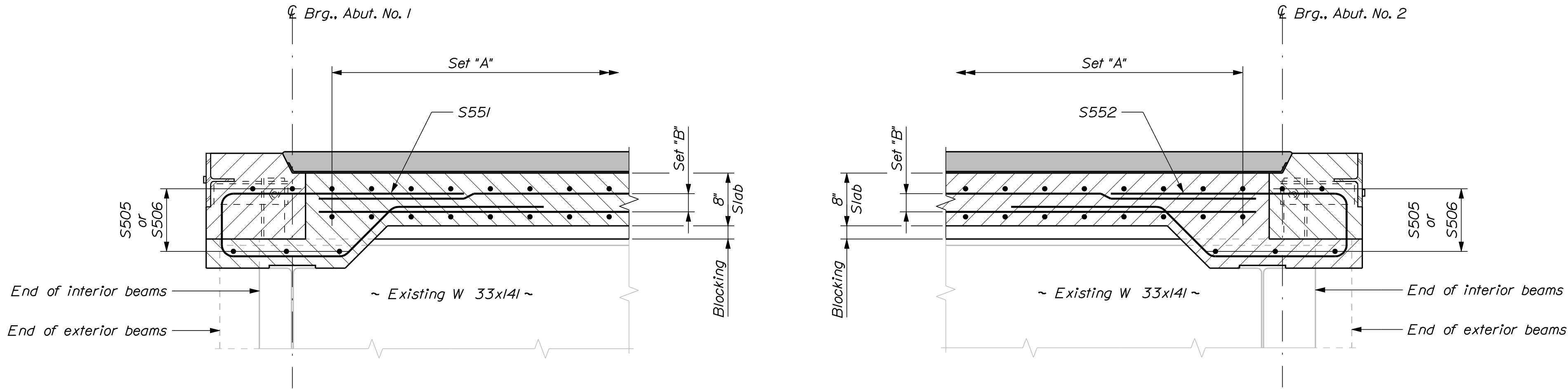
TRANSVERSE SECTION

SUPERSTRUCTURE NOTES

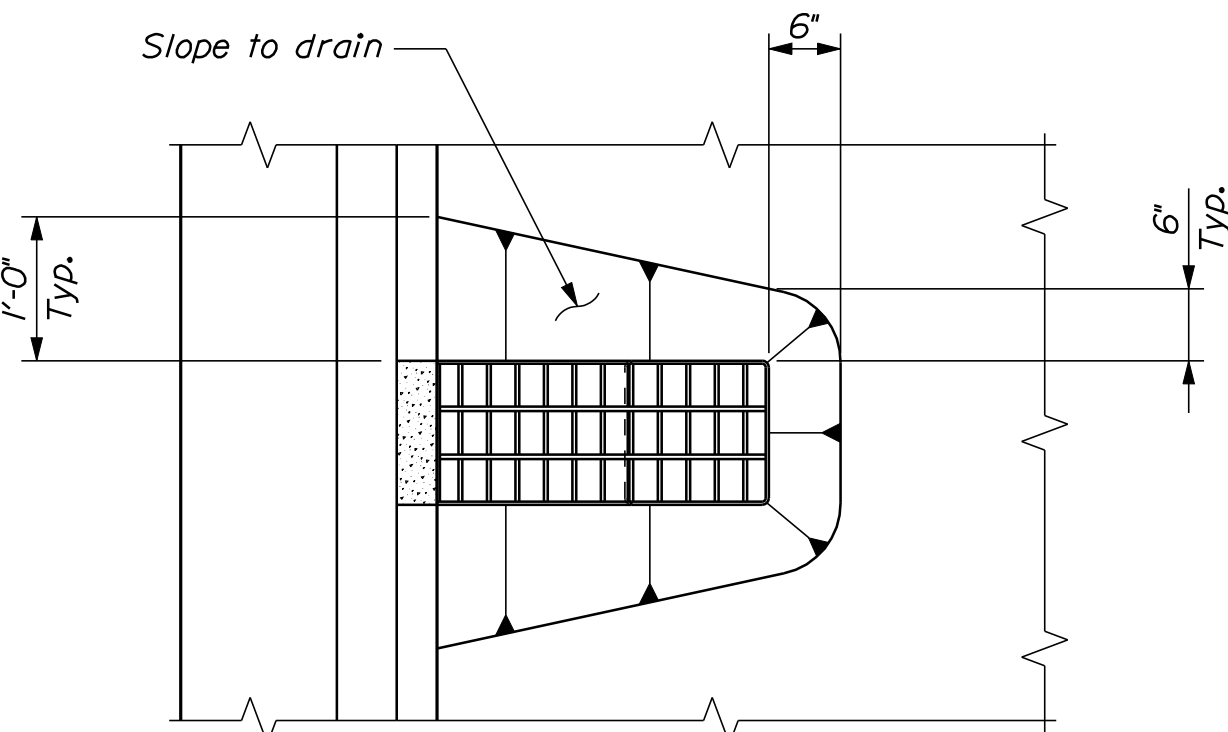
1. The theoretical blocking used for design of the structure is 3" ± at C Brg. Abutments and 3/4" ± at C Brg. Piers. Refer to Standard Detail 502(02) for blocking details.
2. Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.
3. Adjust reinforcing steel to fit around the bridge drains in a manner approved by the Resident. Two transverse reinforcing bars (one top and one bottom) may be cut at each bridge drain location.
4. Form a one inch V-groove on the fascias at the horizontal joint between the permanent concrete barrier and slab.
5. The superstructure slab concrete for each staged construction sequence shall be placed continuously and shall be kept plastic until the entire placement has been made.
6. The seals to be furnished shall have minimum Movement Ratings as follows:

Abutment No. 1 = 1.125 inch
Abutment No. 2 = 2.0 inches
7. The Resident shall approve the seals prior to fabrication of the Expansion Device.
8. All reinforcing steel in the permanent concrete barriers shall be epoxy coated.
9. At the Contractor's option, Precast Concrete Deck Panels may be used in place of the full depth cast - in - place slab, in accordance with Special Provisions Section 502, Structural Concrete - Precast Deck Panels, and with the Standard Details. The Contractor shall submit to the Resident, for acceptance, an alternate shear stud layout to accommodate the geometric constrictions of deck panels and staged construction.

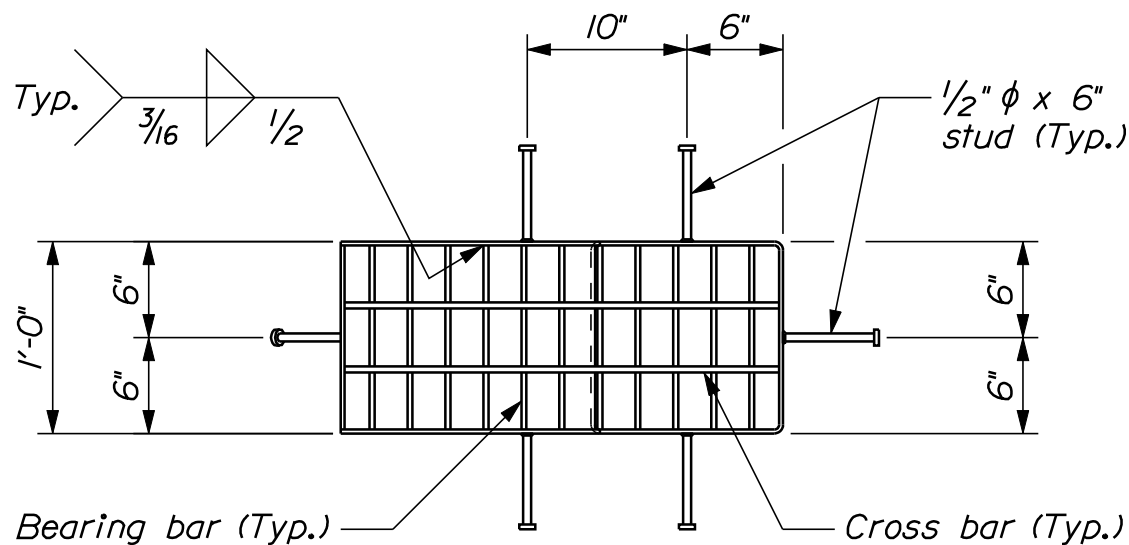
NEW MEADOWS ROAD BRIDGE U.S. ROUTE 1 WEST BATH SAGadahoc COUNTY	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	16760.00	
	PIN 16760.00	
SUPERSTURCTURE	BRIDGE NO. 6145	
	PIN 16760.00	
	BRIDGE PLANS	
SHEET NUMBER 20 OF 27	DATE	
	BY	
	N. Benoit	
	D. Edon	
	D. Damren	
DESIGN-DETAILED	CHECKED-REVIEWED	
	DESIGN-DETAILED	
	REVISIONS 1	
	REVISIONS 2	
	REVISIONS 3	
FIELD CHANGES	REVISIONS 4	
	SIGNATURE	
	P.E. NUMBER	
	DATE	
	FIELD CHANGES	



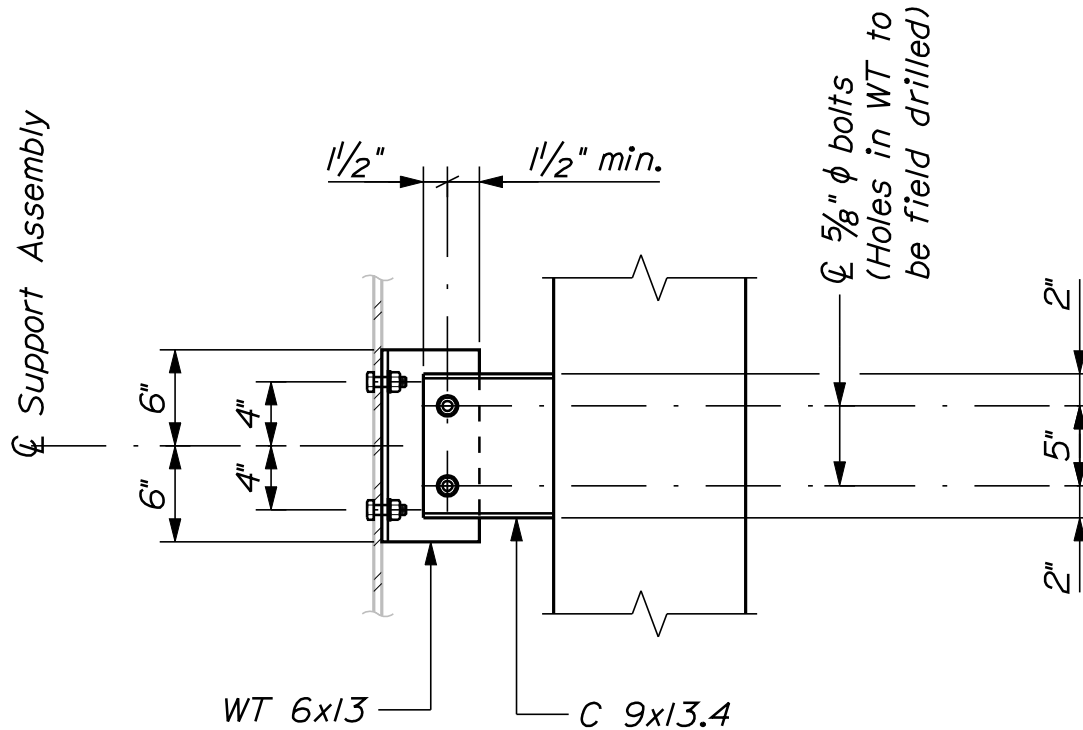
END OF SLAB SECTIONS



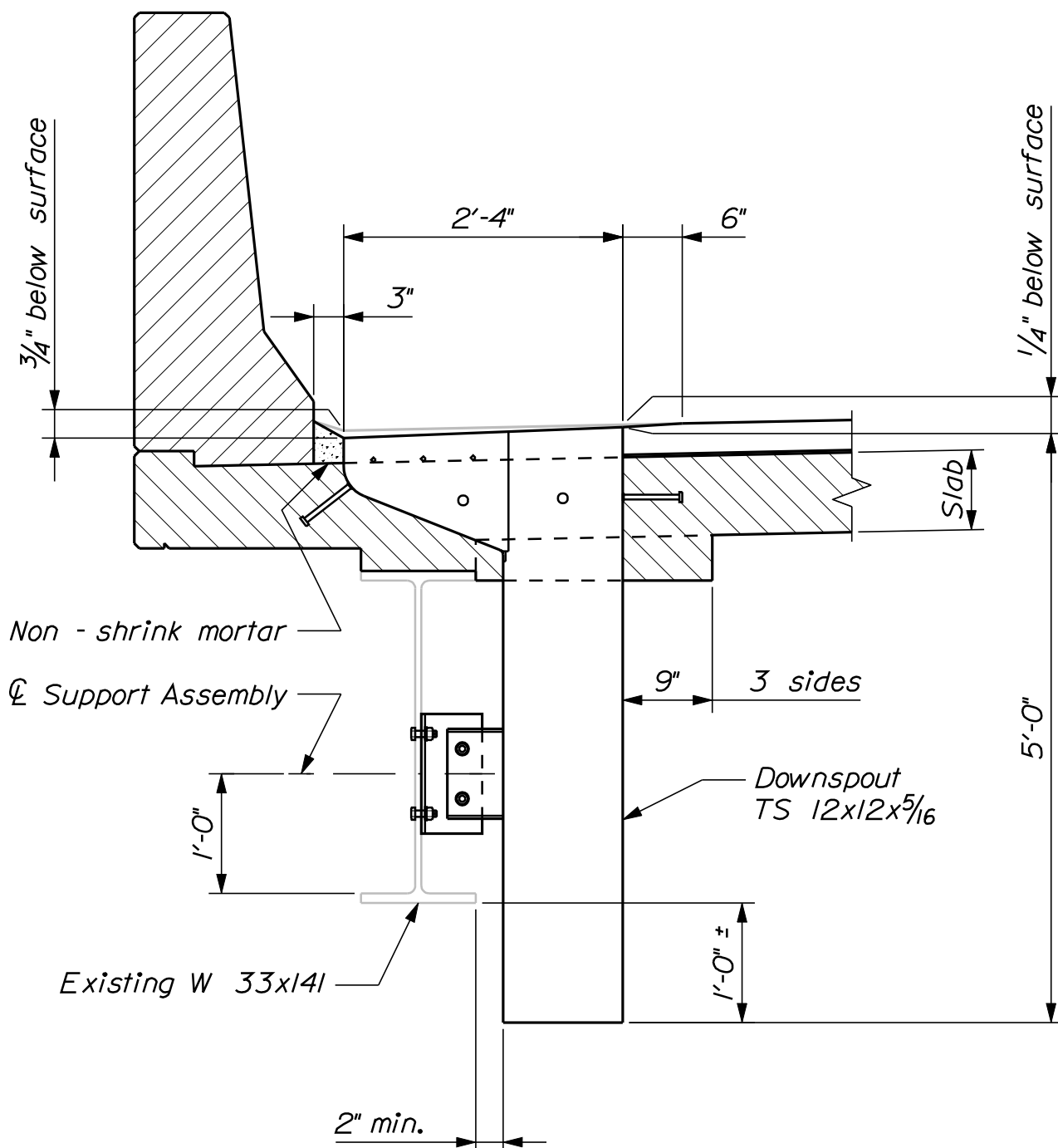
BRIDGE DRAIN PLAN



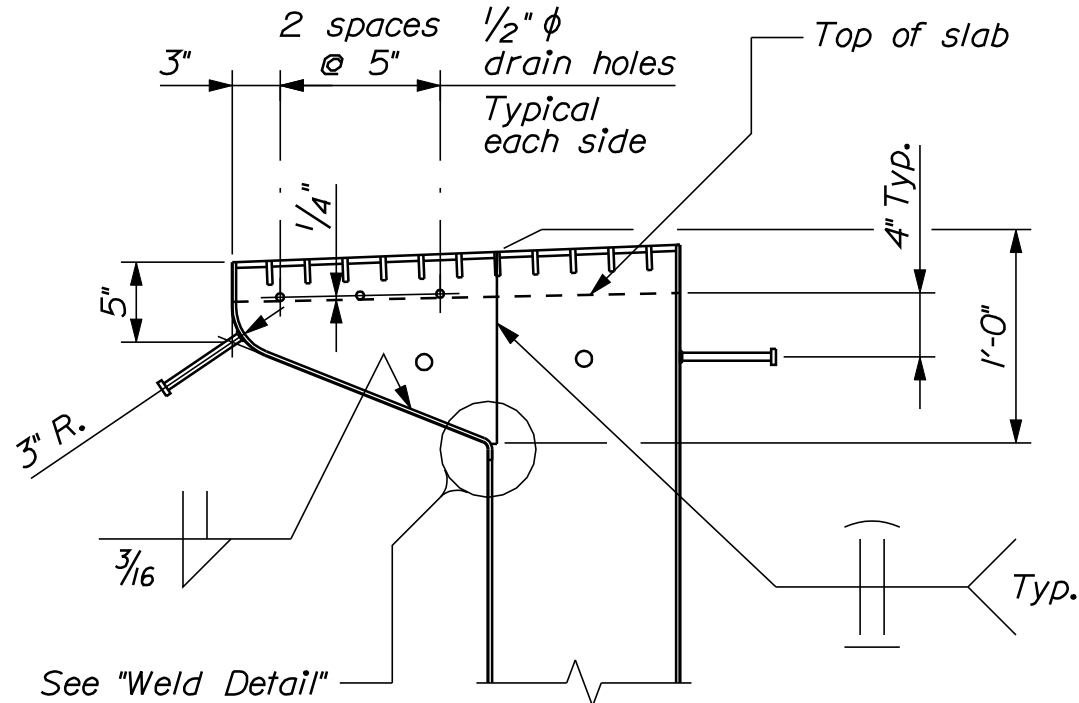
~ DRAIN TOP VIEW ~



~ SUPPORT ASSEMBLY DETAIL ~

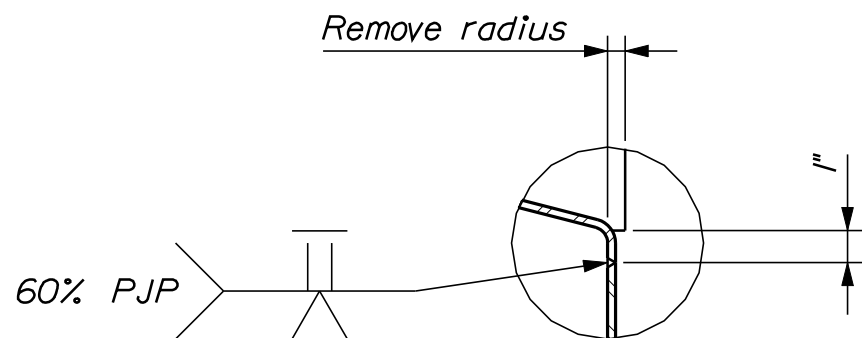


BRIDGE DRAIN ELEVATION

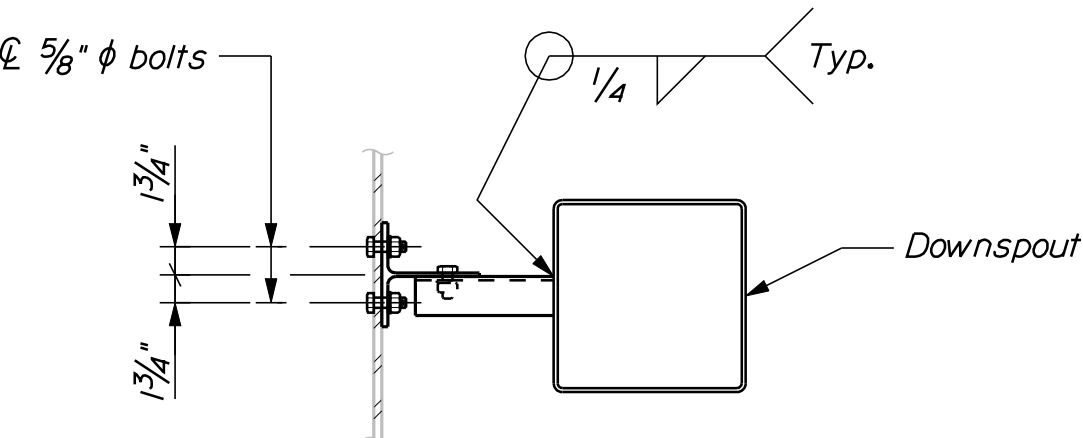


~ DRAIN SECTION ~

BRIDGE DRAIN



WELD DETAIL



~ SUPPORT ASSEMBLY TOP VIEW ~

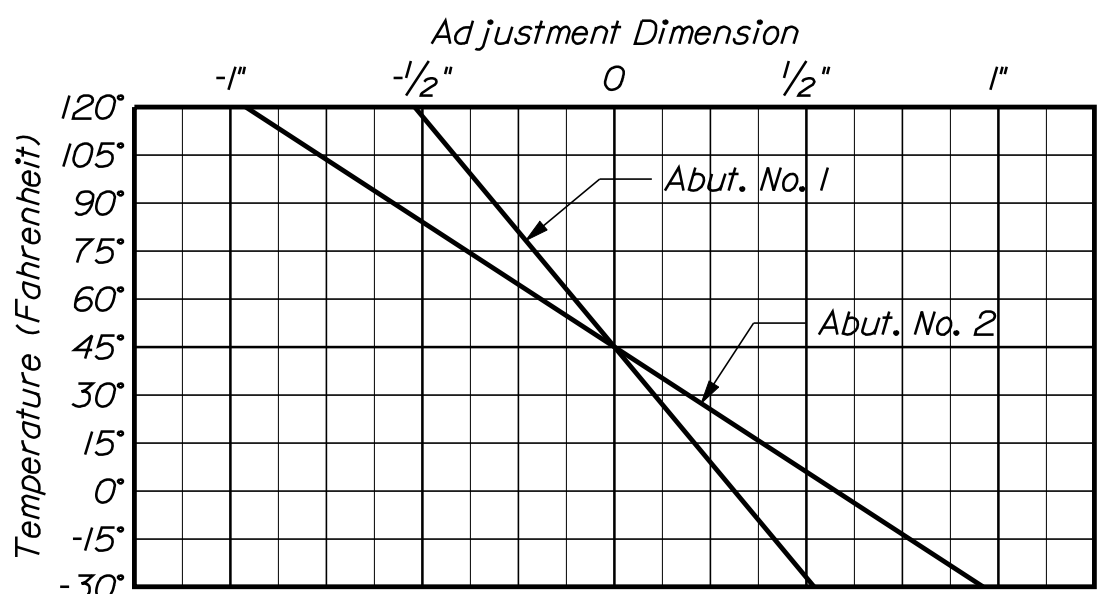
SUPPORT ASSEMBLY

BRIDGE DRAIN NOTES

1. All plates shall be 1/4 inch thick.
2. The grating shall be a commercial heavy-duty grating with 1/2" x 5/16" bearing bars spaced at 2 3/8 inches and 3/8" phi cross bars spaced at 4 inches. The grating shall be centered in the drain top.
3. Drains, including the support assembly, shall be blast cleaned to the requirements of SSPC-SP6/NACE 3 and galvanized in accordance with ASTM A 123.
4. Shear connectors welded to the top flange of steel beams may require adjustment to clear the bridge drains.
5. Payment for bridge drains will be as specified under Subsection 502.19 of the Standard Specifications.

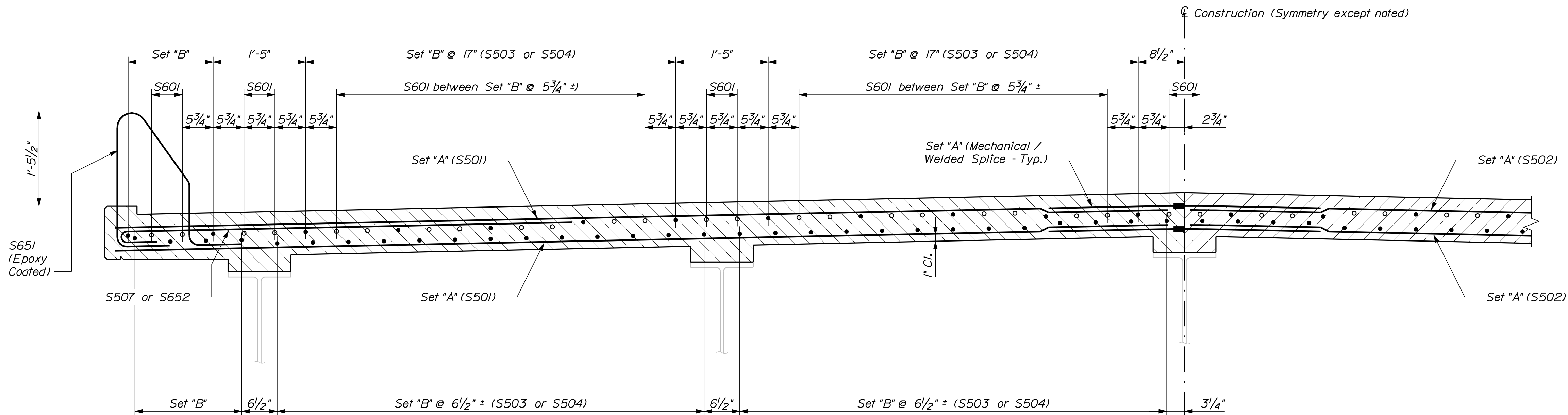
BRIDGE DRAIN MATERIALS

Downspout ASTM A 500, Grade B.
Shapes & plates AASHTO M 270M/M 270, Grade 50
Bolts and nuts AASHTO A 307, Grade C

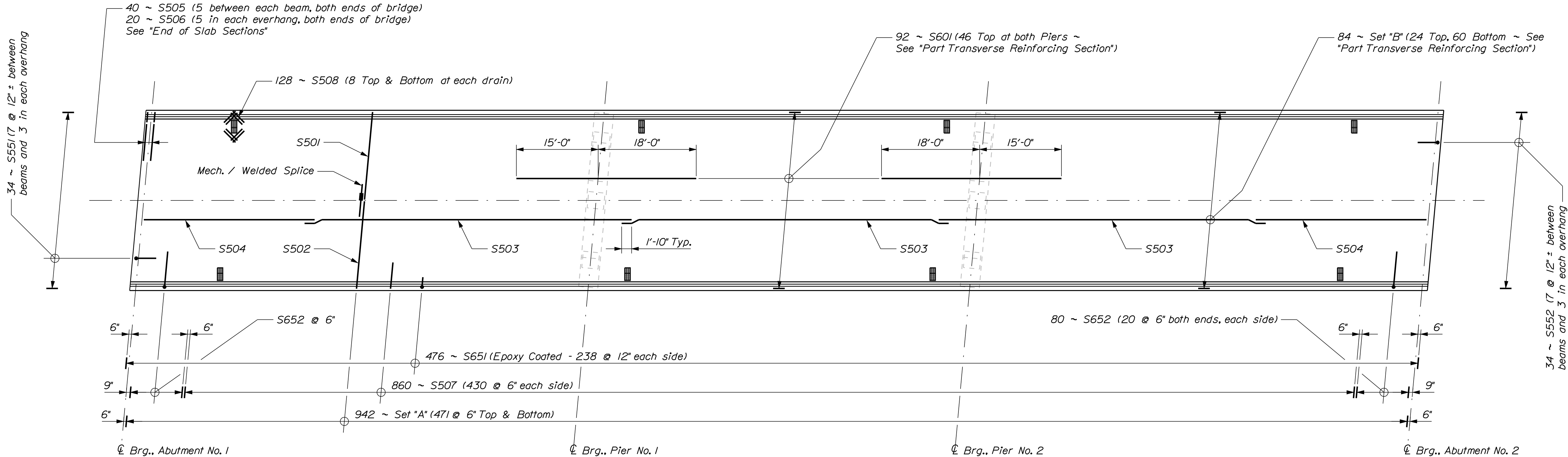


COMPRESSION SEAL
ADJUSTMENT CHART

NEW MEADOWS ROAD BRIDGE U.S. ROUTE 1 WEST BATH SAGadahoc COUNTY	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
	16760.00			
	BRIDGE NO. 6145			
SUPERSTRUCTURE DETAILS	PIN			
	16760.00			
	BRIDGE PLANS			
SHEET NUMBER		21		
		OF 27		



PART TRANSVERSE REINFORCING SECTION



SUPERSTRUCTURE REINFORCING PLAN

NEW MEADOWS ROAD BRIDGE U.S. ROUTE 1 WEST BATH SAGADAHOC COUNTY	PROJ. MANAGER		N. Benoit	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
	DESIGN-DETAILED		D. Eaton	D. Domren		
	CHECKED-REVIEWED					
	DESIGN2-DETAILED2				SIGNATURE	
	DESIGN3-DETAILED3				P.E. NUMBER	
SUPERSTR. REINFORCING	REVISIONS 1					BRIDGE NO. 6145 PIN 16760.00 BRIDGE PLANS
	REVISIONS 2					
	REVISIONS 3					
	REVISIONS 4					
	FIELD CHANGES				DATE	
SHEET NUMBER						
22						
OF 27						

- 1

DETOUR
AHEAD

48 x 48
- 2

ROAD
CLOSED
500 FT.

48 x 48
- 3

ROAD
CLOSED
1000 FT.

48 x 48
- 4

New Meadows Rd.
DETOUR
←

12 x 48
30 x 24
- 5

New Meadows Rd.
DETOUR
↑

12 x 48
30 x 24
- 6

New Meadows Rd.
DETOUR
→

12 x 48
30 x 24
- 7

BRIDGE CLOSED
0.8 MILES AHEAD
LOCAL TRAFFIC ONLY
DETOUR →

60 x 30
48 x 18
- 8

BRIDGE CLOSED
0.5 MILES AHEAD
LOCAL TRAFFIC ONLY
← DETOUR

60 x 30
48 x 18
- 9

ROAD
CLOSED

48 x 30
- 10

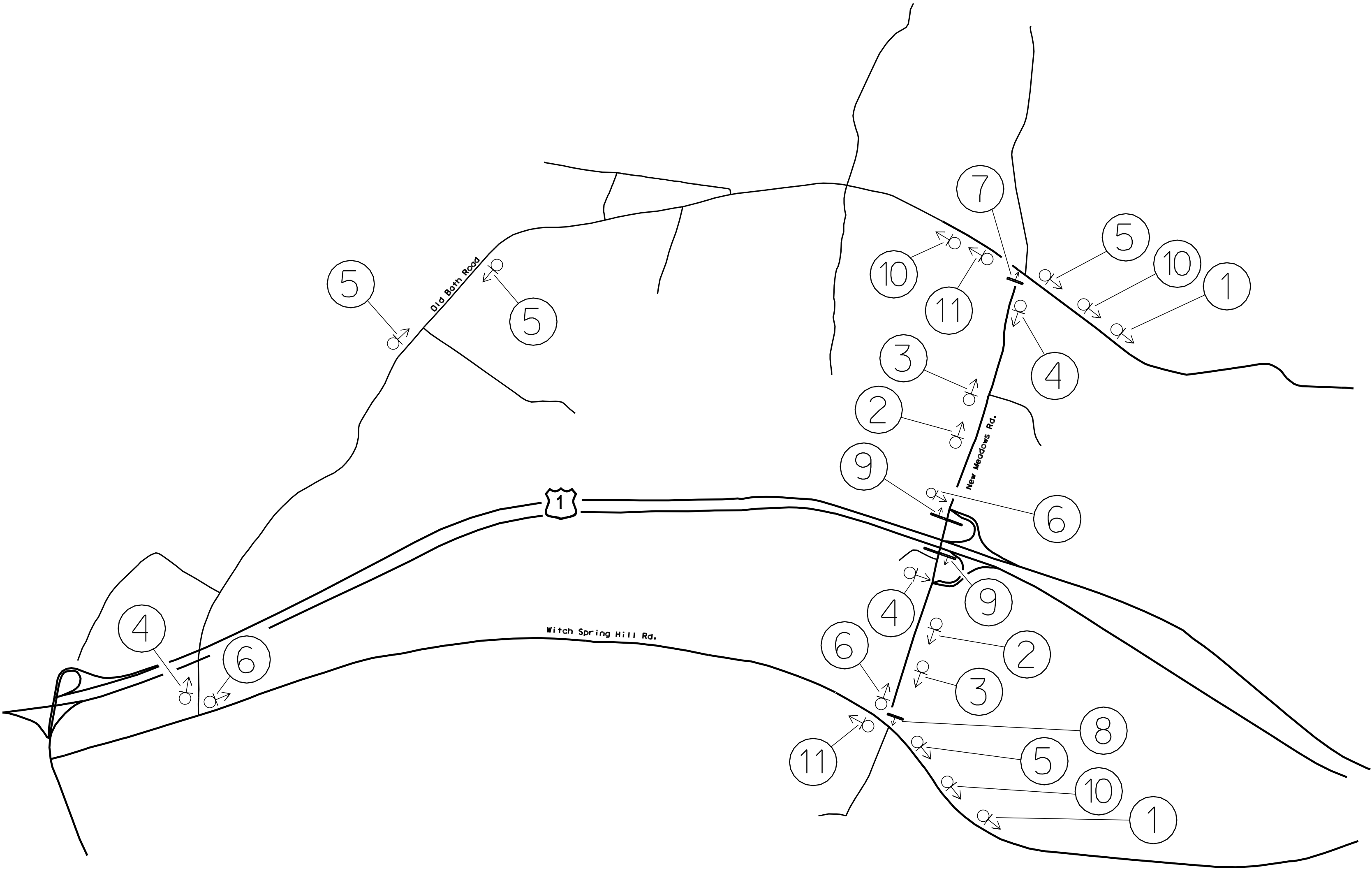
BRIDGE CLOSED
New Meadows Rd.
LOCAL TRAFFIC ONLY

60 x 30
- 11

New Meadows Rd.
END
DETOUR

12 x 48
30 x 24

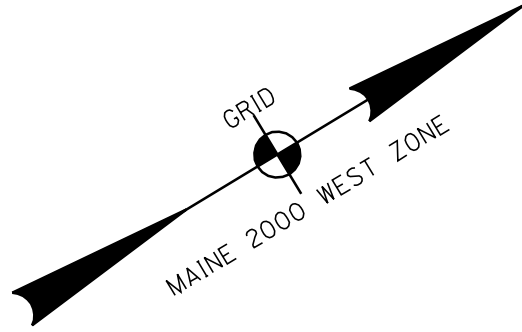
NOT TO SCALE



General Notes

- 1) Other signs may be needed as directed by the Resident.
- 2) The Resident shall approve locations and text on message boards.
- 3) The Contractor shall cover conflicting route signs.

NEW MEADOWS ROAD BRIDGE U.S. ROUTE 1 WEST BATH SAGADAHOOC COUNTY	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	16760.00	
	BRIDGE NO. 0145	PIN 16760.00
DETOUR PLAN	SIGNATURE	DATE
	P.E. NUMBER	DATE
SHEET NUMBER 24 OF 27	PROJ. MANAGER	BY
	DESIGNED-DETAILED	DATE
	CHECKED-REVIEWED	DATE
	DESIGNED-DETAILED	DATE
	REVISIONS 1	DATE
	REVISIONS 2	DATE
	REVISIONS 3	DATE
	REVISIONS 4	DATE
	FIELD CHANGES	DATE
	DATE	DATE



JERROLD C. STOVER
ELAINE H. STOVER
TAX MAP/LOT - U5/5A
BOOK/PAGE - 3045/118
POR NO. -

JERROLD C. STOVER
TAX MAP/LOT - U5/5A
BOOK/PAGE - 3009/230
POR NO. -

JERROLD STOVER
ELAINE STOVER
TAX MAP/LOT - U5/19
BOOK/PAGE - 2878/280
POR NO. -

- 1) EXISTING RIGHT OF WAY REFERENCE
A) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP
STATE HIGHWAY "26"
WEST BATH, SAGADAHOC COUNTY
FEDERAL AID PROJECT NO. F-026-1(26)
PLAN DATE - JULY 1964
S.H.C. FILE NO. 12-56, SHEETS 1 THRU 5
SAGADAHOC COUNTY REGISTRY OF DEEDS
1) PLAN
PLAN BOOK 8, PAGES 31 THRU 32A
2) CONDEMNATION
BOOK 338, PAGE 179
RECORDING DATE - AUGUST 19,1964
B) NEW MEADOWS ROAD
SAGADAHOC COUNTY COMMISSIONERS RECORDS
VOLUME 5, PAGE 136
1909 2.5 RODS WIDE (41.25')
C) LARRABEES GROVE ROAD
SEE RIGHT OF WAY REFERENCE 1A
- 2) AS-BUILT PLANS
A) STATE OF MAINE - STATE HIGHWAY COMMISSION
WEST BATH, SAGADAHOC COUNTY
MAINE FEDERAL AID PRIMARY PROJECT NO. F-026-1(25)
PLOT SET ID NO. 3123
- 3) CONTROL INFORMAION
HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.999987
- 4) NOTES
A) THE BASELINE AND EXISTING RIGHT OF WAY FOR
LARRABEES GROVE ROAD DOES NOT COINCIDE WITH
RIGHT OF WAY REFERENCE 1A. MONUMENTATION
BETWEEN LARRABEES GROVES ROAD AND US ROUTE 1
WAS USED TO ESTABLISH THE EXISTING RIGHT OF WAY
AND BASELINE

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

CONTROLLED ACCESS LIMIT	
CONTROLLED ACCESS LIMIT LINE ALONG R/W LINE	LINE
R/W LINE	LINE
CONTROLLED ACCESS LIMIT LINE NOT ON R/W LINE	LINE
NO ACCESS WILL BE PERMITTED TO OR FROM STATE HIGHWAY "X" AND ADJOINING PROPERTIES WITHIN BOUNDARIES DEFINED BY CONTROLLED ACCESS LIMIT LINES	

PIN 16760.00

SYMBOLS	
• IP or • PIP (IRON PIPE or PIN FOUND)	○ WELL (WELL)
□ S.T. (SEPTIC TANK)	--- GRADING LIMIT LINE
△ S.W. (SEWER WARE)	--- CONSTRUCTION LIMIT LINE
△ S.W. (SEWER WARE)	--- PROPERTY LINE PL
△ S.W. (SEWER WARE)	--- LIMITS OF WROUGHT PORTION (LOW.P.)
△ S.W. (SEWER WARE)	--- EXISTING RIGHT OF WAY
△ S.W. (SEWER WARE)	--- NEW RIGHT OF WAY
△ S.W. (SEWER WARE)	--- NEW ROW WITHIN EXIST. ROW
△ S.W. (SEWER WARE)	--- CONTROL OF ACCESS

ITEM	TECH	CHECKED
BASE MAP		
EXIST. R/W	G.L.L.	C.W.K.
PROP. LINES	G.L.L.	
AREAS		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016
WEST BATH
RIGHT OF WAY MAP

REVISIONS		
NO.	DATE	DESCRIPTION

PLAN FILED IN		PAGE	COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	

DAVID A. COLE
COMMISSIONER
KENNETH L. SWEENEY
CHIEF ENGINEER

DATE



STATE HIGHWAYS "1" AND "709"
US ROUTE 1 \ NEW MEADOWS ROAD
WEST BATH SAGADAHOC COUNTY
PROJECT NO. 16760.00

AUGUST 2010
SCALE 1" = 25'

RIGHT-OF-WAY MAP
SHEET XX OF XX

D.O.T FILE NO. 12-_____

SHEET NUMBER

25

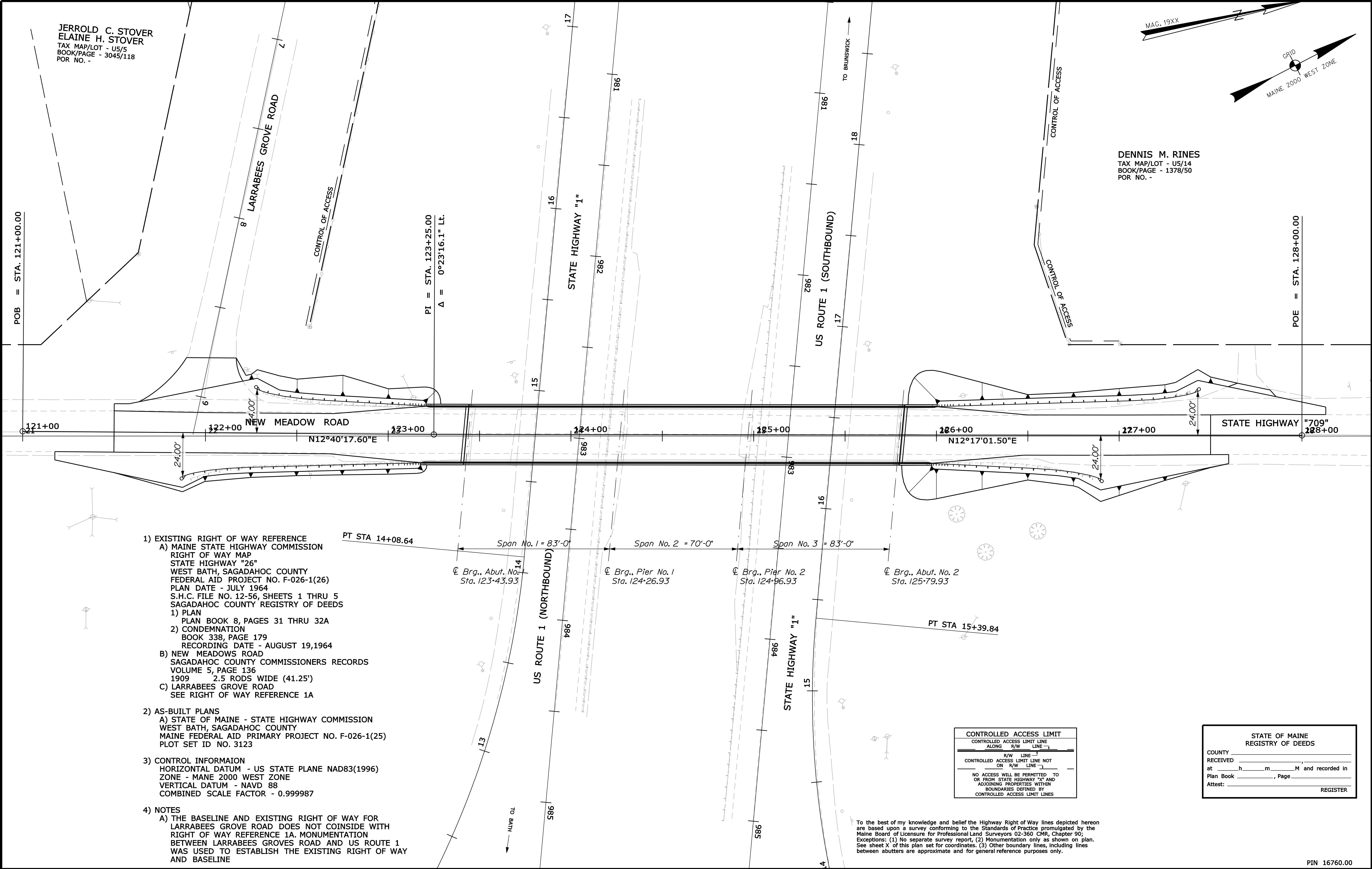
OF 27

Date:12/8/2010

Username: dond.damren

Division: BRIDGE

Filename: ... \00\ROW\MSTA026_RWPLAN2.dgn



- 1) EXISTING RIGHT OF WAY REFERENCE
- A) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP
STATE HIGHWAY "26"
WEST BATH, SAGADAHOC COUNTY
FEDERAL AID PROJECT NO. F-026-1(26)
PLAN DATE - JULY 1964
S.H.C. FILE NO. 12-56, SHEETS 1 THRU 5
SAGADAHOC COUNTY REGISTRY OF DEEDS

1) PLAN
PLAN BOOK 8, PAGES 31 THRU 32A

2) CONDEMNATION
BOOK 338, PAGE 179
RECORDING DATE - AUGUST 19,1964


B) NEW MEADOWS ROAD
SAGADAHOC COUNTY COMMISSIONERS RECORDS
VOLUME 5, PAGE 136
1909 2.5 RODS WIDE (41.25')

C) LARRABEES GROVE ROAD
SEE RIGHT OF WAY REFERENCE 1A
- 2) AS-BUILT PLANS
- A) STATE OF MAINE - STATE HIGHWAY COMMISSION
WEST BATH, SAGADAHOC COUNTY
MAINE FEDERAL AID PRIMARY PROJECT NO. F-026-1(25)
PLOT SET ID NO. 3123
- 3) CONTROL INFORMAION
- HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MANE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.999987
- 4) NOTES
- A) THE BASELINE AND EXISTING RIGHT OF WAY FOR
LARRABEES GROVE ROAD DOES NOT COINCIDE WITH
RIGHT OF WAY REFERENCE 1A. MONUMENTATION
BETWEEN LARRABEES GROVES ROAD AND US ROUTE 1
WAS USED TO ESTABLISH THE EXISTING RIGHT OF WAY
AND BASELINE

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

CONTROLLED ACCESS LIMIT
CONTROLLED ACCESS LIMIT LINE
ALONG R/W LINE
R/W LINE
CONTROLLED ACCESS LIMIT LINE NOT ON R/W LINE
NO ACCESS WILL BE PERMITTED TO OR FROM STATE HIGHWAY "1" AND ADJOINING PROPERTIES WITHIN BOUNDARIES DEFINED BY CONTROLLED ACCESS LIMIT LINES

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY
RECEIVED
at h m M and recorded in
Plan Book , Page
Attest: REGISTER

REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD						<div>DAVID A. COLE</div> <div>COMMISSIONER</div> <div>KENNETH L. SWEENEY</div> <div>CHIEF ENGINEER</div> <div>DATE</div> <div></div> <th colspan="4">STATE HIGHWAYS "1" AND "709"</th>		STATE HIGHWAYS "1" AND "709"			
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE			US ROUTE 1 \ NEW MEADOWS ROAD			
												WEST BATH SAGADAHOC COUNTY			
												PROJECT NO. 16760.00			
										<div>AUGUST 2010</div>	<div>RIGHT-OF-WAY MAP</div>	D.O.T FILE NO. 12-			
										<div>SCALE 1" = 25'</div>	<div>SHEET XX OF XX</div>				



STATE HIGHWAYS "1" AND "709"
US ROUTE 1 \ NEW MEADOWS ROAD
WEST BATH SAGADAHOC COUNTY
PROJECT NO. 16760.00

SHEET NUMBER
26
OF 27

