

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



CODYVILLE TWP.
WASHINGTON COUNTY
LITTLE TOMAH BRIDGE
OVER
LITTLE TOMAH STREAM
ROUTE 6
FEDERAL AID PROJECT NUMBER 2538700
PROJECT LENGTH 0.109 mi.
BRIDGE NO. 2472

SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Ninth Edition 2020.

DESIGN LOADING

Live Load HL - 93 Modified for Strength I

HYDROLOGIC DATA

Drainage Area	16.55 sq mi
Design Discharge (Q50)	1360 cfs
Check Discharge (Q100)	1540 cfs
Headwater Elevation (Q1.1)	255.76 ft
Headwater Elevation (Q25)	258.38 ft
Headwater Elevation (Q50)	258.80 ft
Headwater Elevation (Q100)	259.18 ft
Discharge Velocity (Q1.1)	2.07 fps
Discharge Velocity (Q50)	4.84 fps
Discharge Velocity (Q100)	5.13 fps

MATERIALS

Concrete:	
All	Class "A"
Reinforcing:	
Plain Reinforcing Steel	ASTM A615, Grade 60
Glass Fiber Reinforcing Polymer (GFRP)	ASTM D7957
Low-Carbon Chromium Steel:	ASTM A1035, Type CS, Grade 100
Prestressing Strands	AASHTO M 203 (ASTM A416), Grade 270, Low Relaxation
Structural Steel:	
All Material (except as noted)	ASTM A709, Grade 50
High Strength Bolts	ASTM F3125, Grade A325, Type 1
H-Piles	ASTM A572, Grade 50

BASIC DESIGN STRESSES

Concrete:	
Class "A"	f 'c = 4,000 psi
Reinforcing:	
Plain Reinforcing Steel	f y = 60,000 psi
Glass Fiber Reinforced Polymer	
Minimum Tensile Strength	f fu = 100,000 psi
Minimum Elastic Modulus	E f = 8,700,000 psi
Minimum Nominal Design Tensile Strain	e fu = 1.1%
Low-Carbon Chromium Steel	f y = 100,000 psi
Prestressing Strand	F μ = 270,000 psi
Structural Steel:	
ASTM A709, Grade 50	F y = 50,000 psi
ASTM F3125, Grade A325	F μ = 120,000 psi
ASTM A572, Grade 50	F y = 50,000 psi

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UTILITIES

Eastern Maine Electric Cooperative, Inc.
Consolidated Communications of Northern New England Company, LLC

TRAFFIC DATA

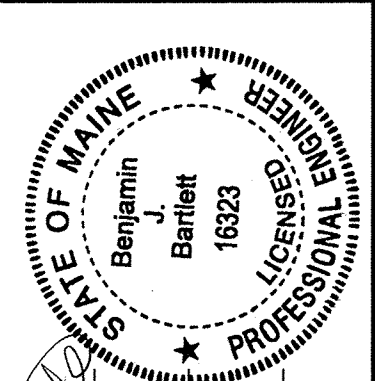
Current (2021) AADT	180
Future (2041) AADT	200
DHV - % of AADT	12
Design Hour Volume	24
Heavy Trucks (% of AADT)	17
Heavy Trucks (% of DHV)	21
Directional Distribution (% of DHV)	53
18 kip Equivalent P 2.0	21
18 kip Equivalent P 2.5	20
Design Speed (mph)	45

MAINTENANCE OF TRAFFIC

Maintain one lane of alternating one - way traffic on a temporary bridge using traffic signals.

PROJECT LOCATION	Little Tomah Bridge (#2472) over Little Tomah Stream. Located 1.80 miles southwest of Todd Farm Road. Lat./Long. 45°27'33.3" N 67°38'04.6" W
PROGRAM AREA	Highway - Bridges
OUTLINE OF WORK	Bridge replacement with associated approach work.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	DATE	8-25-25
	APPROVED	
	ACTING COMMISSIONER	
CHIEF ENGINEER		



SIGNATURE	P.E. NUMBER	DATE
Benjamin Bartlett	16323	08/21/2025

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

CODYVILLE LITTLE TOMAH BRIDGE	TITLE SHEET
----------------------------------	-------------

SHEET NUMBER
1
OF 16

2538700 WIN 25387.00

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.121	REMOVING EXISTING CONCRETE (38 CY)	1	LS
202.202	REMOVING PAVEMENT SURFACE	440	SY
203.20	COMMON EXCAVATION	1,300	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	1,050	CY
403.208	HOT MIX ASPHALT 12.5 MM HMA SURFACE	161	T
403.213	HOT MIX ASPHALT 12.5 MM BASE	220	T
409.15	BITUMINOUS TACK COAT - APPLIED	92	G
461.131	TEMPORARY PAVEMENT	150	T
507.0822	STEEL APPROACH RAILING, 3-BAR	4	EA
510.10	SPECIAL DETOUR 16 FOOT ROADWAY WIDTH VEHICULAR & PEDESTRIAN TRAFFIC NOT SEPARATED	1	LS
511.07	COFFERDAM: UPSTREAM	1	LS
511.07	COFFERDAM: DOWNSTREAM	1	LS
526.301	PORTABLE CONCRETE BARRIER TYPE 1 (60 LF)	1	LS
527.34	WORK ZONE CRASH CUSHIONS	4	UN
531.51	BRIDGE STRUCTURE - DETAIL BUILD	1	LS
603.17	18 INCH CULVERT PIPE OPTION 1	34	LF
606.1301	3" W-BM GR, MID-WAY SPLICE-SGL FACED	338	LF
606.1305	3" W-BM GR, MID-WAY SPLICE FLARED TERMINAL	4	EA
606.1721	BRIDGE TRANSITION - TYPE 1	4	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8	EA
610.08	PLAIN RIPRAP	450	CY
610.18	STONE DITCH PROTECTION	5	CY
610.213	VOID FILLED RIPRAP	370	CY
613.319	EROSION CONTROL BLANKET	195	SY
615.07	LOAM	45	CY
618.14	SEEDING METHOD NUMBER 2	8	UN
619.12	MULCH	8	UN
619.14	EROSION CONTROL MIX	90	CY
620.58	EROSION CONTROL GEOTEXTILE	1,044	SY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	1,725	LF
627.77	REMOVING PAVEMENT MARKINGS	410	SF
627.78	TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	1,300	LF
629.05	HAND LABOR, STRAIGHT TIME	10	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.14	GRADER (INCLUDING OPERATOR)	10	HR
631.15	ROLLER, EARTH AND BASE COURSE (INCLUDING OPERATOR)	10	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	10	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	25	EA
652.34	CONE	50	EA
652.35	CONSTRUCTION SIGNS	400	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.38	FLAGGER	400	HR
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

GENERAL CONSTRUCTION NOTES

1. For easements, construction limits, and right of way lines, refer to the 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. Existing signs within the Project limits shall be removed and reset as directed by the Resident. Payment for removal and reinstallation of existing signs will be considered incidental to the Contract. No separate payment will be made.
5. Do not excavate for Aggregate Subbase Course where existing material is suitable as determined by the Resident.
6. 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.
7. All embankment material, except as otherwise shown, placed below EL. 259 shall be Granular Borrow meeting the requirements of Standard Specifications Subsection 703.19, Granular Borrow, for Material for Underwater Backfill.
8. Construct the riprap shelf at each abutment at EL. 263.0
9. 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 Pay Item 304.10, Aggregate Subbase Course - Gravel.
10. Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by the Resident.
11. 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 Pay Item 619.14, Erosion Control Mix.
12. Place a 24 inch wide strip of Erosion Control Blanket on the sideslopes along the top of the riprap and behind the wingwalls.
13. A MASH compliant guardrail end treatment shall be installed concurrently with the placement of each section of beam guardrail.
14. Where it is apparent that runoff will cause continual erosion, 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. Payment will be made under the appropriate Contract items.
15. Protective Coating for Concrete Surfaces shall be applied to the following areas:
 - All exposed surfaces of concrete curbs,
 - Fascias down the drip notch,
 - Concrete wearing surfaces,
 - Top of abutment backwalls and wingwalls, and
 - To one foot below the ground on vertical walls against earth.

ABUTMENT NOTES

1. Substructure elements shown on these plans are for illustration purposes only. The final design and exact location is the responsibility of the Engineer of Record.
2. Abutments, wingwalls, and their footings shall be backfilled with Granular Borrow, meeting the requirements of Material for Underwater Backfill. Pay limits shall be the structural excavation limits in cut areas and a vertical plane located 10 feet behind the walls in fill areas.
3. Reinforcing steel shall have a minimum concrete cover of 2 inches in the walls and 3 inches in the footings unless otherwise noted.
4. Place drains with a 4-inch diameter in the breastwall and wingwalls at 10 feet maximum spacing. The exact location will be determined by the Resident.
5. Cover joints where waterstops are not required in accordance with Standard Details Section 502.

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

17. 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.

18. Reports on hydrology and/or hydraulics applicable to the bridge site may be
accessed at the MaineDOT web address. The reports are based on MaineDOT's
interpretation of the information obtained for the subject site. No assurance is
given that the information or the conclusions of the report will be
representative of actual conditions at the time of construction.

19. The project geotechnical report titled: *Geotechnical Design Report for the Replacement of Little Tomah Bridge, State Route 6 over Little Tomah Stream, Cadyville Township, Maine, Soils Report No. 2024-18*, dated November 20, 2024 may be accessed at the MaineDOT web address.

20. Geotechnical information furnished or referred to in this plan set is for the use of the Bidders and the Contractor. No assurance is given that the information or interpretations will be representative of actual subsurface conditions at the construction site. MaineDOT will not be responsible for the Bidders' or Contractor's interpretations of, or conclusions drawn from, the geotechnical information. The boring logs contained in the plan set present factual and interpretive subsurface information collected at discrete locations. Data provided may not be representative of the subsurface conditions between the boring locations.

21. 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.

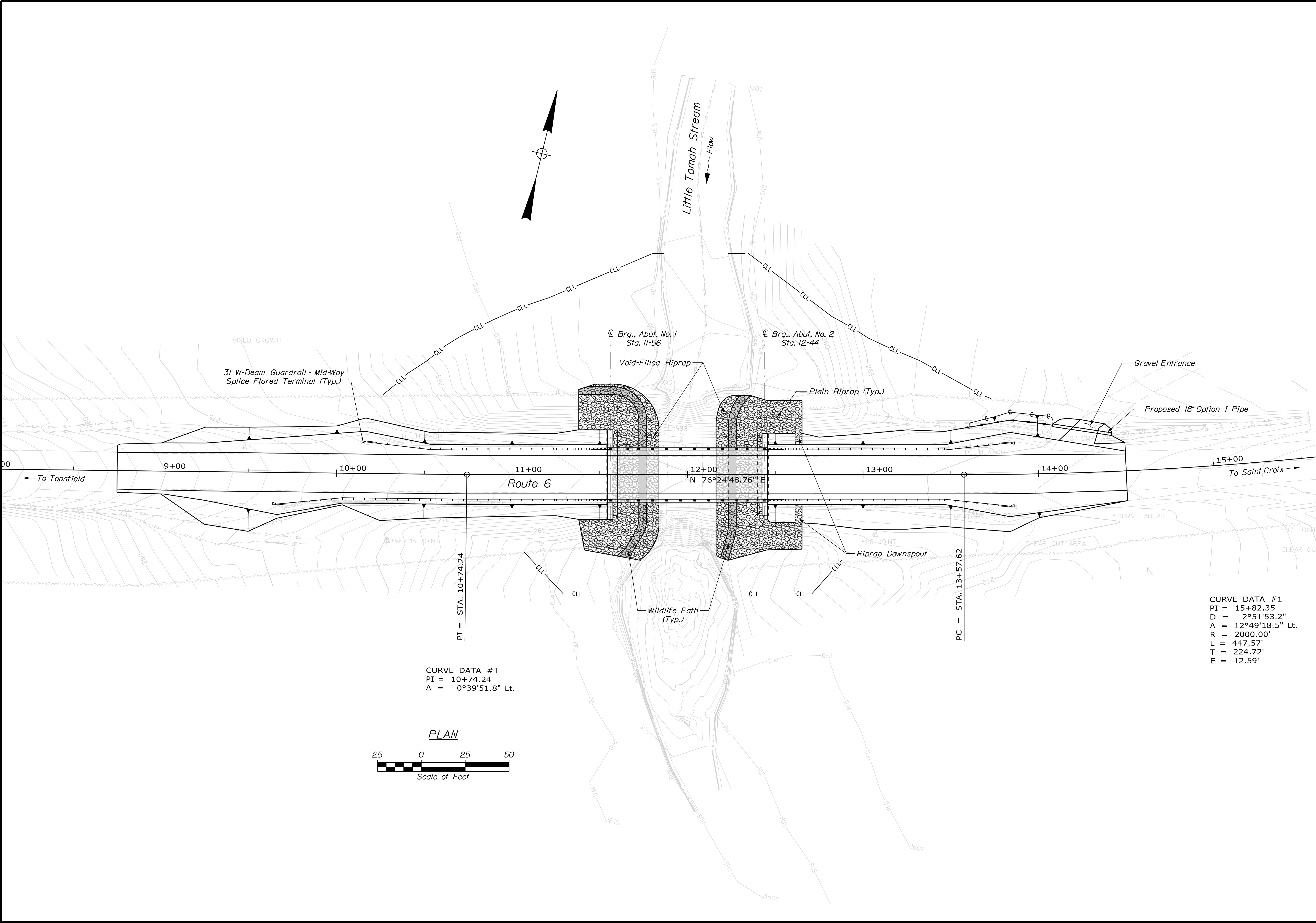
c. If a design change results in changes to estimated quantities for Lump Sum pay items, price adjustments will be made in accordance with Standard Specifications Section 109.7, Equitable Adjustments to Compensation and Time

22. Removal of the existing pipe and any excavation required outside of the Limits of Structural Earth Excavation and Granular Borrow shall be paid for under Common Excavation.

PILE NOTES

1. The maximum factored pile load shall be determined by the Engineer of Record and shall be determined based on pile type and conditions.
2. H-pile material shall be ASTM A572, Grade 50.
3. Piles shall not be out of position shown by more than 2 inches in any direction.
4. Piles shall be installed in accordance with Special Provision Section 501, Rock-Socketed H-Pile Foundations.

OF 16 2 SHEET NUMBER	LITTLE TOMAH BRIDGE				PROJ. MANAGER	M. WIGHT	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION 2538700 WIN 25387.00 BRIDGE NO. 2472 BRIDGE PLANS
	LITTLE TOMAH STREAM				DESIGN-DETAILED	B. BARTLETT	D. SHAW	MAR 2025	
	CODYVILLE PLT. WASHINGTON COUNTY				CHECKED-REVIEWED			SIGNATURE	
	ESTIMATED QUANTITIES & GENERAL CONSTRUCTION NOTES				DESIGN-DETAILED02	N. PIKAY	T. WHITE		
					DESIGNS-DETAILED03				
					REVSIONS 1			P.E. NUMBER	
					REVSIONS 2				
			REVSIONS 3				DATE		
			REVSIONS 4						
			FIELD CHANGES						



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2538700

BRIDGE NO. 2472 WIN 25387.00 BRIDGE PLANS

LITTLE TOMAH BRIDGE
LITTLE TOMAH STREAM
CODYVILLE PLT. WASHINGTON COUNTY

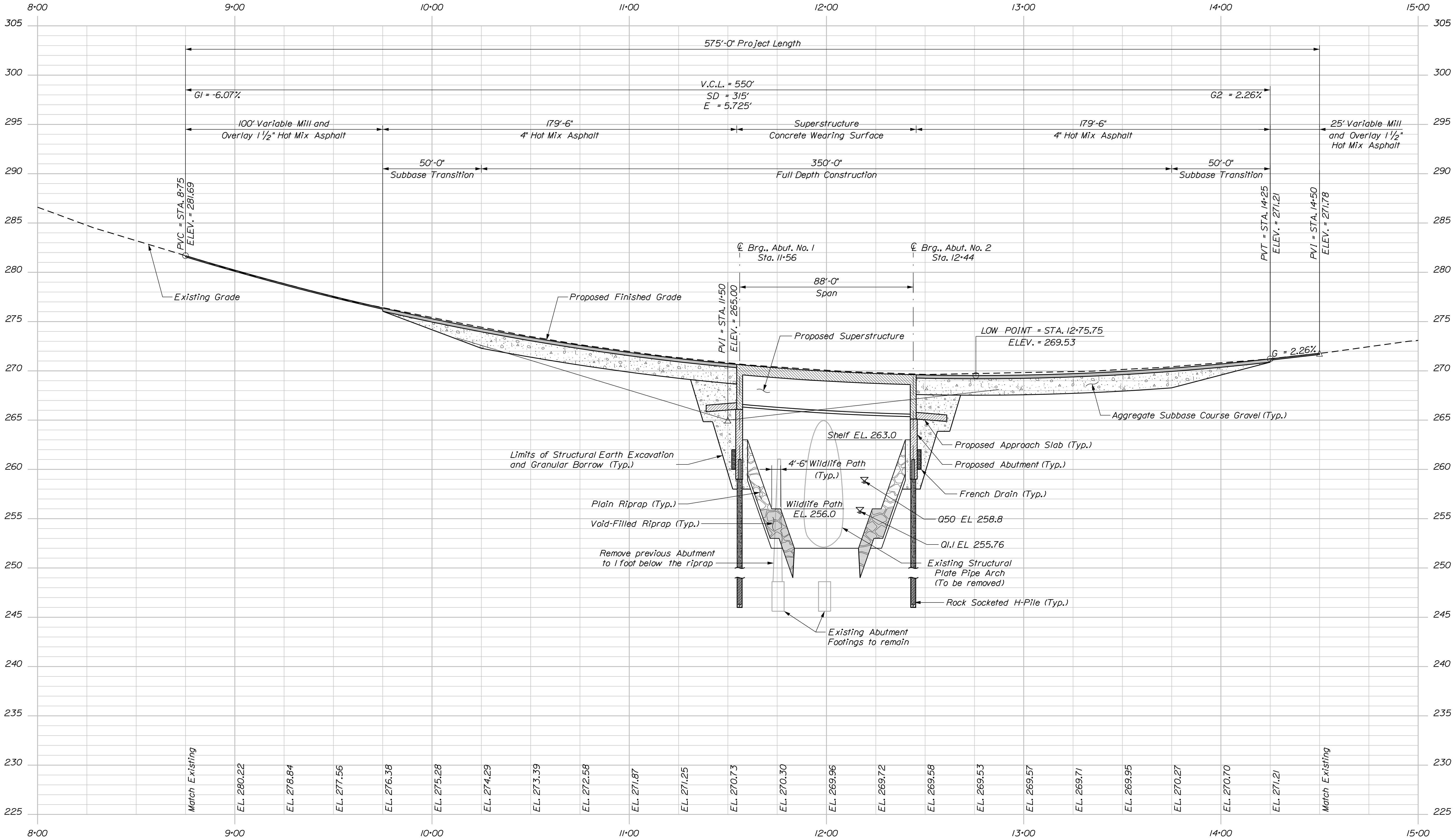
GENERAL PLAN

SHEET NUMBER

3

OF 16

PROJ. MANAGER	M. WIGHT	BY	DATE	SIGNATURE
CHECKED-REVIEWED	J.B. BARTLETT	D. SHAW	MAR 2025	
DESIGN-DETAILED				P.E. NUMBER
DESIGN-DETAILED				DATE
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				



PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2538700

WIN
25387.00

BRIDGE NO. 2472

BRIDGE PLANS

LITTLE TOMAH BRIDGE
LITTLE TOMAH STREAM
CODYVILLE PLT. WASHINGTON COUNTY

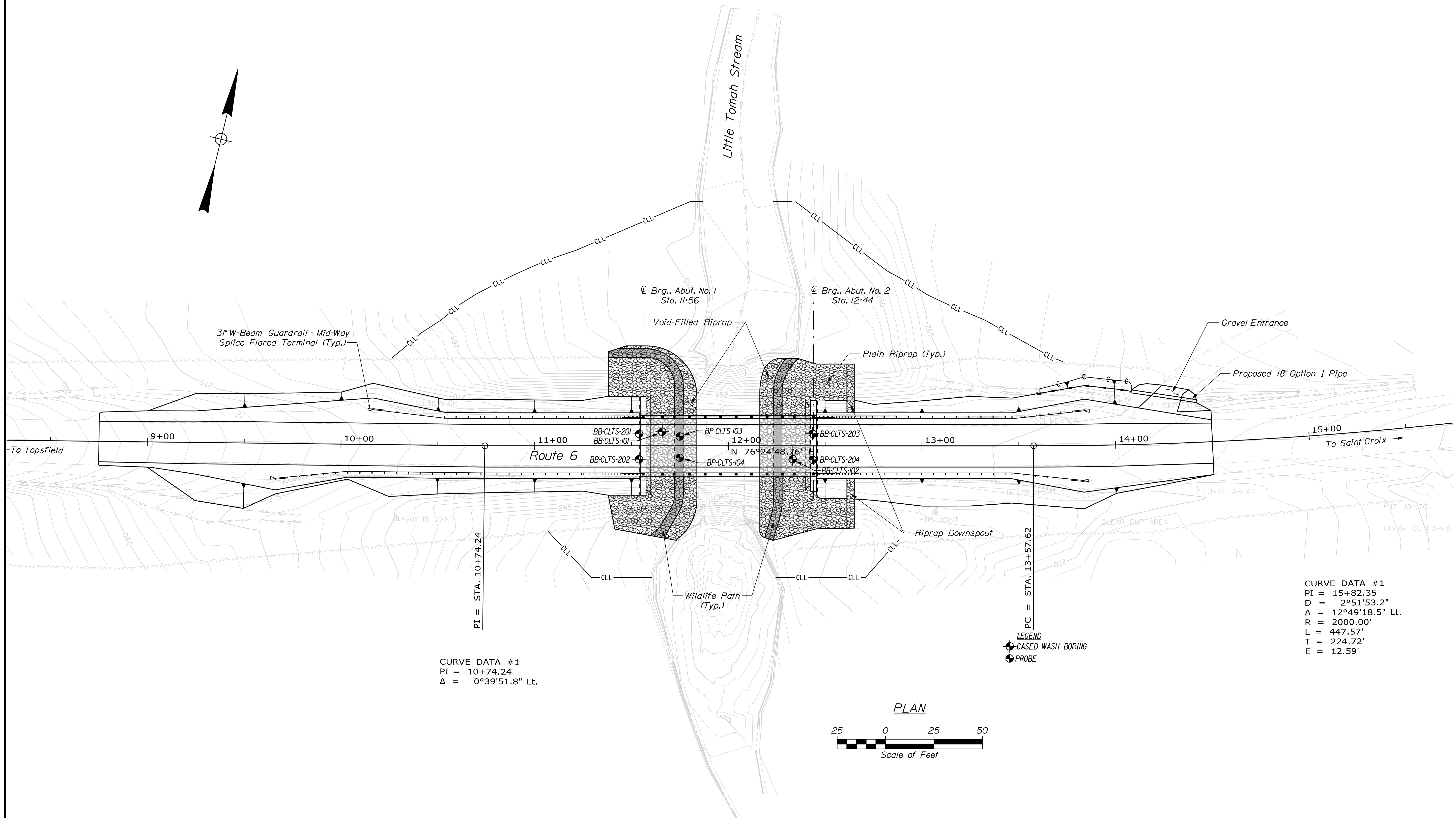
PROFILE

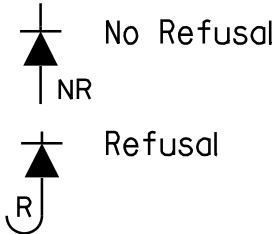
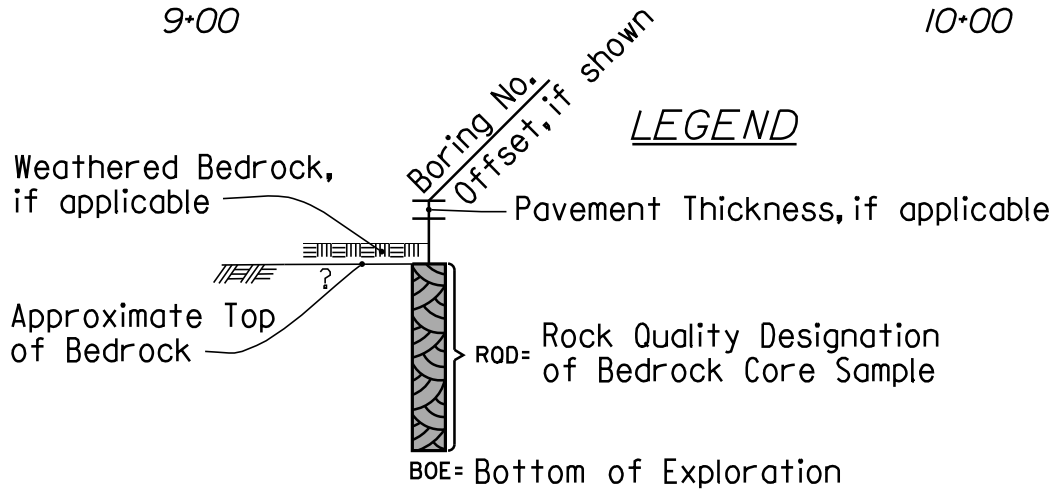
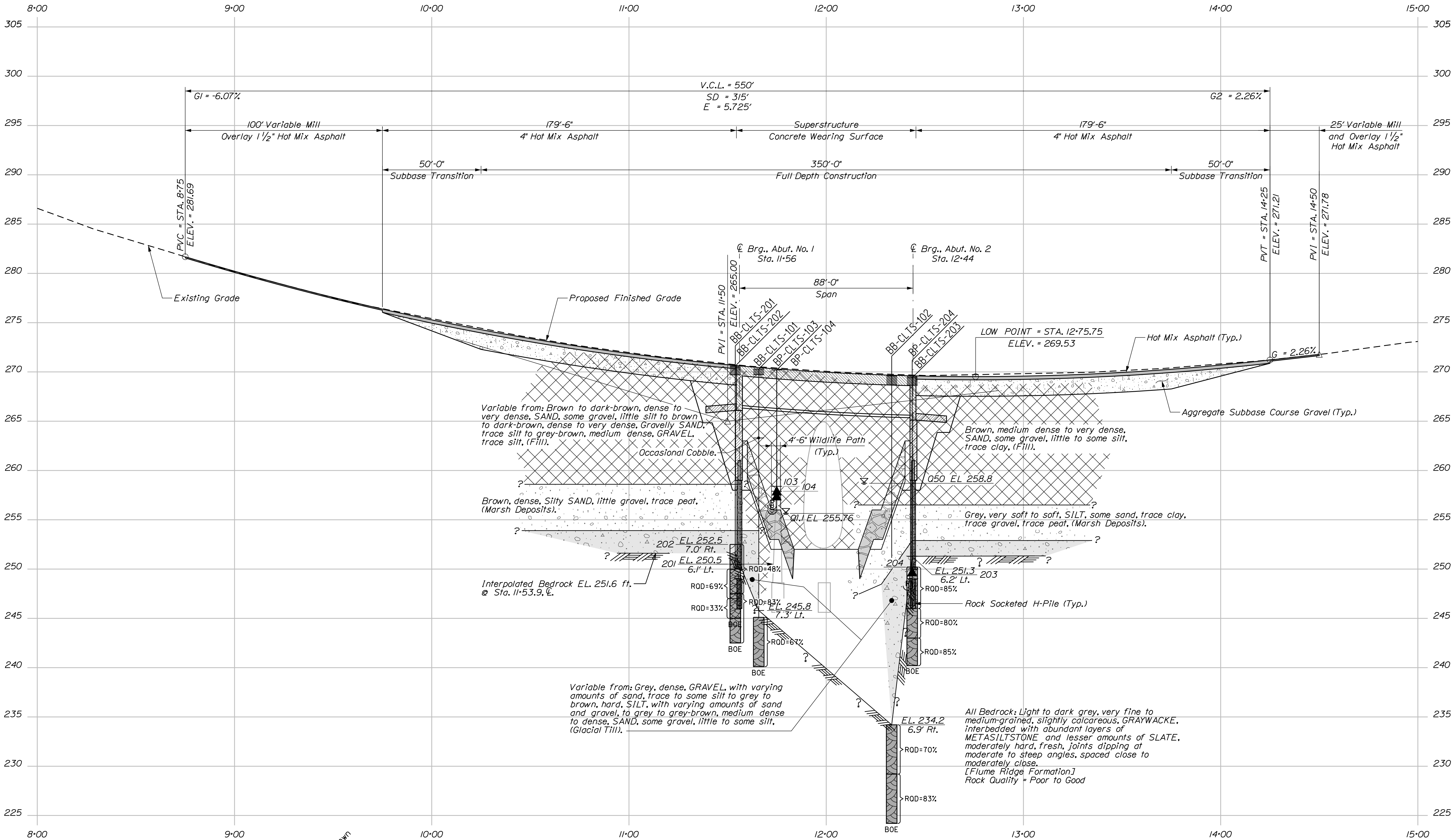
SHEET NUMBER

4

OF 16

PROJ. MANAGER	BY	DATE	SIGNATURE
CHECKED-REVIEWED	D. SHAW	MAR 2025	
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			





Notes: 1) This generalized interpretive soil profile is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and have been developed by interpretations of widely spaced explorations and samples. Actual soil and bedrock transitions may vary and are probably more erratic. For more specific information refer to the exploration logs.

2) "Varying Amounts" term = Portion is 0 to 50 percent of Total.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2538700

BRIDGE NO. 2472
WIN
25387.00
BRIDGE PLANS

PROJ. MANAGER	J. STETSON	BY	D. SHAW	DATE	JAN 2024
CHECKED-DETAILED	B. BARTLETT	DESIGNED	T. WHITE	SIGNATURE	FEB 2025
DESIGNED-DETAILED	N. PIKAY	P.E. NUMBER	DATE		
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

LITTLE TOMAH BRIDGE
LITTLE TOMAH STREAM
CODYVILLE
WASHINGTON COUNTY

INTERPRETIVE SUBSURFACE PROFILE

SHEET NUMBER
6
OF 16

Maine Department of Transportation										Project: Little Tonon Bridge #242 (prior to Route 6 over Little Tonon Stream Location: Cadyville Township, Maine)		Boring No.: BB-CLTS-101	
Soil/Bore Exploration Log US CUSTOMARY UNITS										WIN: 25387.00			
Drillers: MaineDOT		Elevation (ft.): 276.3		Auger: 10/201		5" Solid Stem							
Operators: Wilder/Daggett		Datum: NAVD83		Samplers: Standard Split Spoon									
Logged By: N. Puxey		Rig Type: HM 450		Hammer Wt./Fall: 140#/30"									
Date Start/Finish: 10/12/2024 08:00-11:00		Drilling Method: Cased Road Boring		Core Barrel: NO-2"									
Boring Location: 11465.8, 7.3 ft E.L.		Casing 10/001: HW4.0"/4.5"		Water Level#: 11.0 ft bgs									
Hammer Efficiency Factor: 0.974		Hammer Type: Automatic 80		Hydraulic ☐ Rope & Cathead ☐									
R = Rock Core Sample SSA = Solid Stem Auger SA = Solid Stem Auger U = Thin Wall Tube Sample U = Pressurized Thin Wall Tube Sample (Arrest) U = Thin Wall Tube Sample Y = Field Shear Test PP = Pocket Penetrometer WWT = Weight of Rods or Casing MC = Plasticity Index MC = Plasticity Index MC = Grain Size Analysis MC = Grain Size Analysis													
Sample Information													
Depth (ft.)	Sample No.	Pen./Reco. (in)	Sample Depth (ft.)	Sample Size (in)	Sample Type	Notes	Core Log	Visual Description and Remarks	Laboratory Testing Results/ASTM and Unified Class				
0							269.7						
5	10	24/19	5.00 - 5.00	15/16/17/41	33	54		Brown, dry, very dense. Gravely SAND, trace silt. (F111). Occasional cobble.	GW37518 s1=0, SA=54 MC=5.4%				
10	20	24/32	10.00 - 12.00	16/14/13/15	27	44	69	Dark brown, dry, dense. Gravely SAND, little silt, trace organics. (F111).					
							59						
							27						
							21						
							18						
15	30	24/5	15.00 - 17.00	4/3/5/11	8	13	11	Grey-brown, wet, medium dense, GRAVEL, trace silt. (F111).					
							17						
							80	PEAT in wash at 17.0 ft bgs.	-17.2				
							97						
							76						
20	40	24/14	20.00 - 22.00	14/15/15/23	30	49	63	Gray, wet, dense, GRAVEL, some sand, trace silt. (G160) (F111).	GW37518 s1=0, SA=54 MC=5.4%				
							201						
							214						
							0175						
25	R1	60/60	25.20 - 30.20	R00 = 61%	NO-2		245.4	Top of Bedrock at Elev. 245.8 ft. Roller Cone ahead to 25.2 ft bgs. R1s Bedrock: Light to dark gray, very fine to medium-grained, slightly calcareous, GRAVELS. Interbedded with abundant layers of METASILTSTONE and lesser amounts of SLTSLT, moderately hard, fresh, moderately dipping joints, closely spaced. (F1 Fine R1s Formation) Rock Quality = Fair R1s Core (R1s Intact) 25.2-26.2 ft (1150) 25.2-26.2 ft (1150) 27.2-28.2 ft (1309) 28.2-29.2 ft (1209) 29.2-30.2 ft (1259)	-24.5				
30							240.1	100% Recovery Norel Core barrel broke during R1. R1 core was obtained, outer shell of core barrel left in hole at 23.2-30.2 bgs (E.L. 247.1 to E.L. 240.1).	-20.2				
35								Bottom of Exploration at 30.2 feet below ground surface.					
40													
45													
49	REMARKS:												
Core Barrel broke during R1. Outer steel shell of core barrel left in hole at 23.2-30.2 ft bgs (E.L. 247.1 - E.L. 240.1)													
Stratification lines represent approximate boundaries between soil types; transitions may be gradual.										Page 1 of 1			
* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time the measurements were made.													
Boring No.: BB-CLTS-101													

Maine Department of Transportation

Soil/Bore Exploration Log

US CUSTOMARY UNITS

Drillers:Meine/DOT

Operator:Wilder/Daggett

Logged By:N. Pukay

Date Start/Finish:10/11/2021-10/15-14:00

Boring Location:12+35.2, 6.9 ft Rt.

Elevation (ft.):265.6

Datum:NAV88

Rig Type:CME 45C

Drilling Method:Closed Wash Boring

Casing ID/DI:HM4.0"/4.5"

Water Efficiency Factor:0.94

Water Type:hydraulic

Rope & Cathead:

Washings

U = Undersized Spill Spoon Sample (liters)

U = Thin Wall Tube Sample

W = Field Sample Description

R = Field Sample Description

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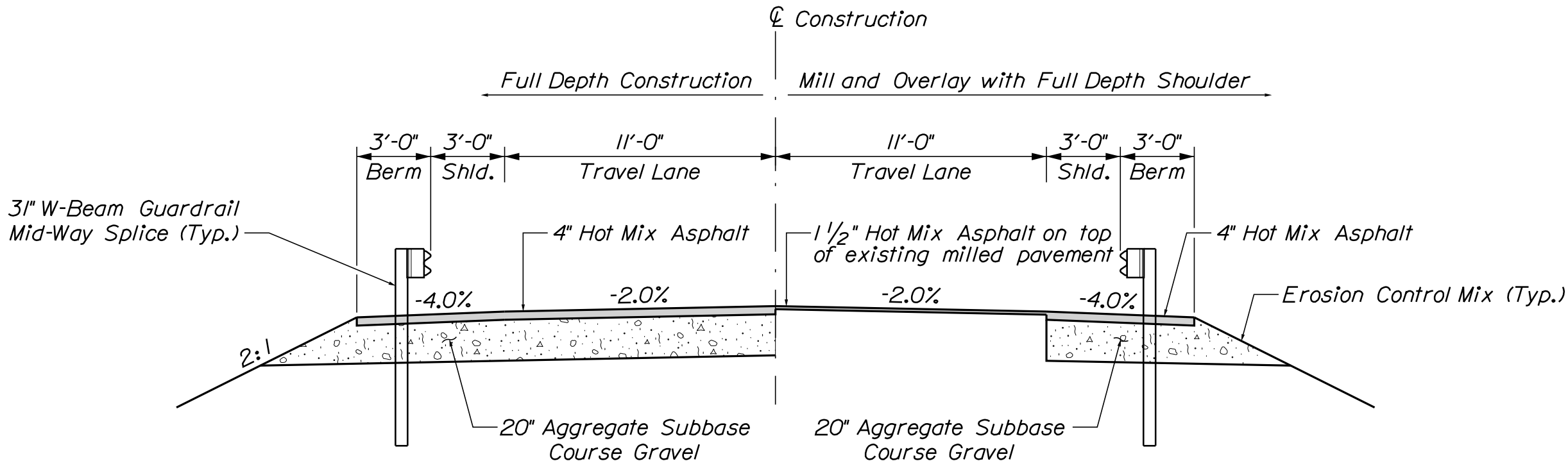
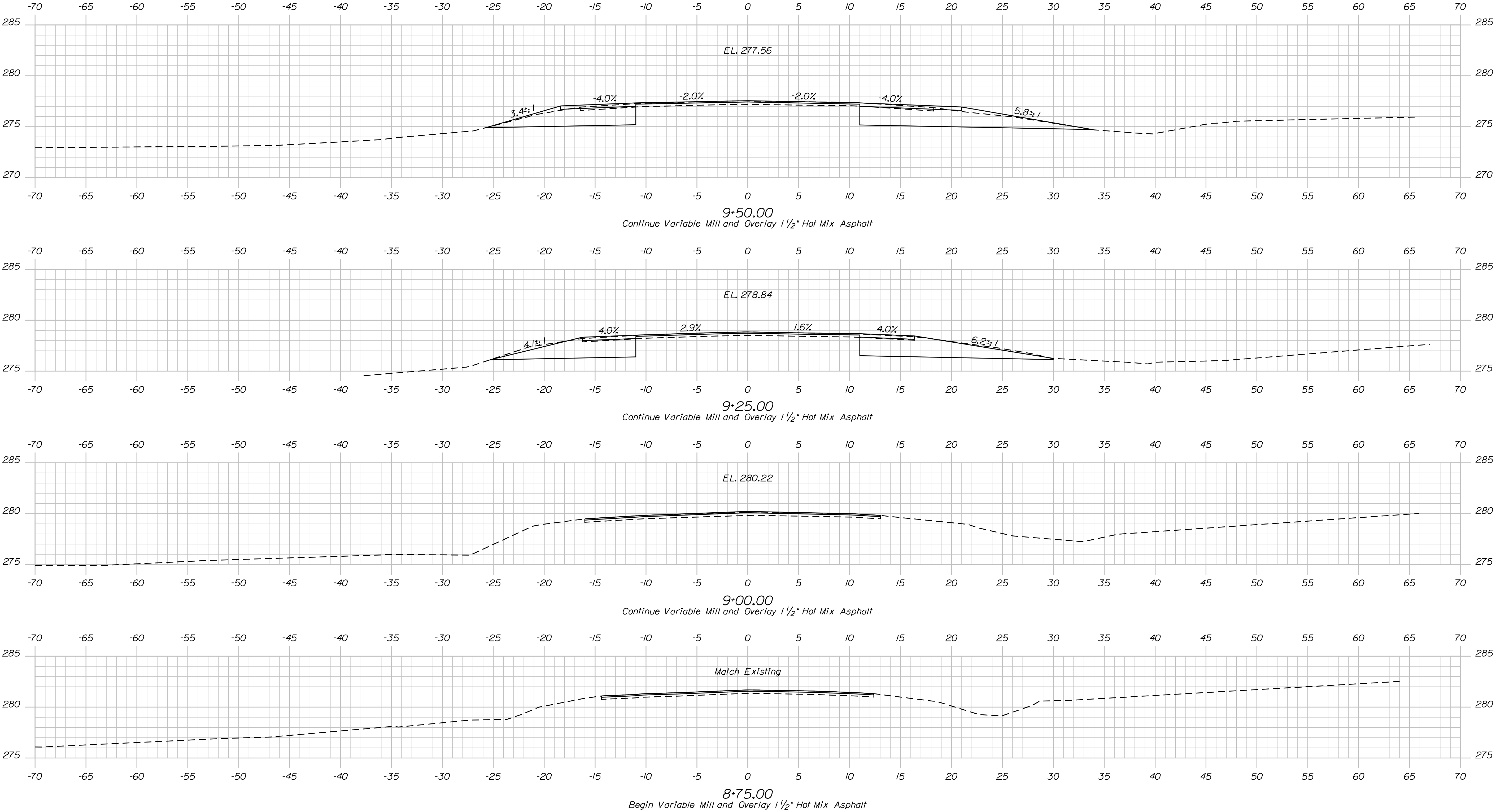
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TYPICAL APPROACH SECTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2538700

WIN
25387.00

BRIDGE NO. 2472

BRIDGE PLANS

LITTLE TOMAH BRIDGE
LITTLE TOMAH STREAM
CODYVILLE PLT. WASHINGTON COUNTY

CROSS SECTIONS

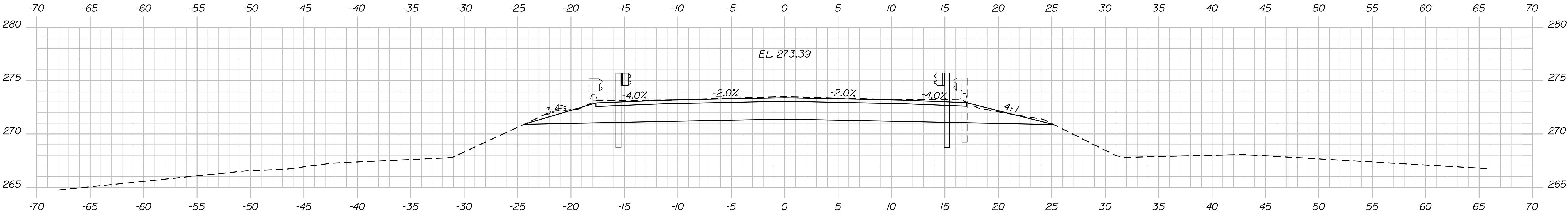
SHEET NUMBER

9

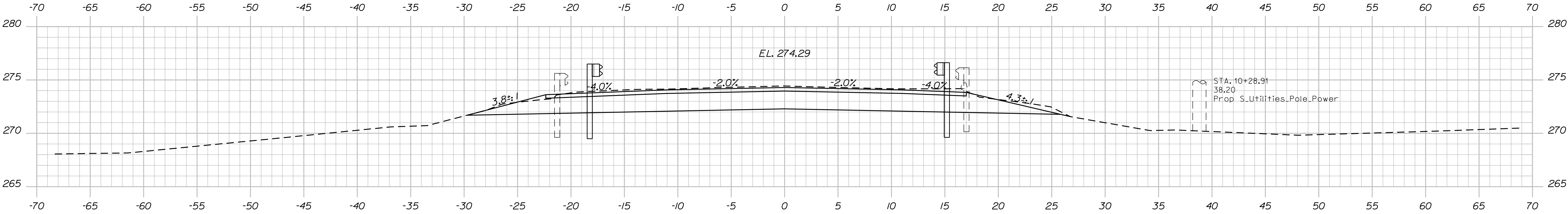
OF 16

Username: Benjamin.J.Bartlett Date:3/3/2025

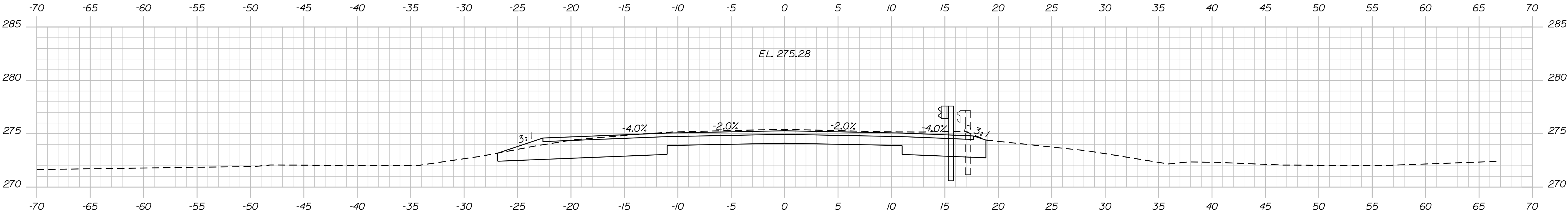
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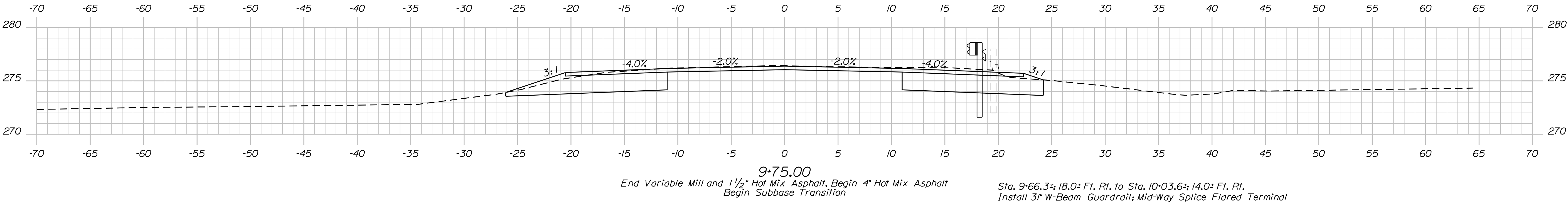
Sta. 10+53.5±; 14.0± Ft. Lt. to Sta. 11+25.6±; 14.0± Ft. Lt.
Install 71.875 LF of 31" W-Beam Guardrail; Mid-Way Splice



10+16.2±; 18.0± Ft. Lt. to Sta. 10+53.5±; 14.0± Ft. Lt. End Subbase Transition / Begin Full Depth Construction
Install 31" W-Beam Guardrail; Mid-Way Splice Flared Terminal



Sta. 10+03.6±; 14.0± Ft. Rt. to Sta. 11+25.3±; 14.0± Ft. Rt.
Install 121.875 LF of 31" W-Beam Guardrail; Mid-Way Splice



9+66.3±; 18.0± Ft. Rt. to Sta. 10+03.6±; 14.0± Ft. Rt.
End Variable Mill and 1 1/2" Hot Mix Asphalt, Begin 4" Hot Mix Asphalt
Begin Subbase Transition

Sta. 9+66.3±; 18.0± Ft. Rt. to Sta. 10+03.6±; 14.0± Ft. Rt.
Install 31" W-Beam Guardrail; Mid-Way Splice Flared Terminal

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2538700

WIN
25387.00

BRIDGE NO. 2472
BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE
CHECKED-REVIEWED	B. BARTLETT	D. SHAW	MAR 2025
DESIGN-REVIEWED	N. PIKAY	T. WHITE	
DESIGN-REVIEWED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

LITTLE TOMAH BRIDGE
LITTLE TOMAH STREAM
CODYVILLE PLT. WASHINGTON COUNTY

CROSS SECTIONS

SHEET NUMBER

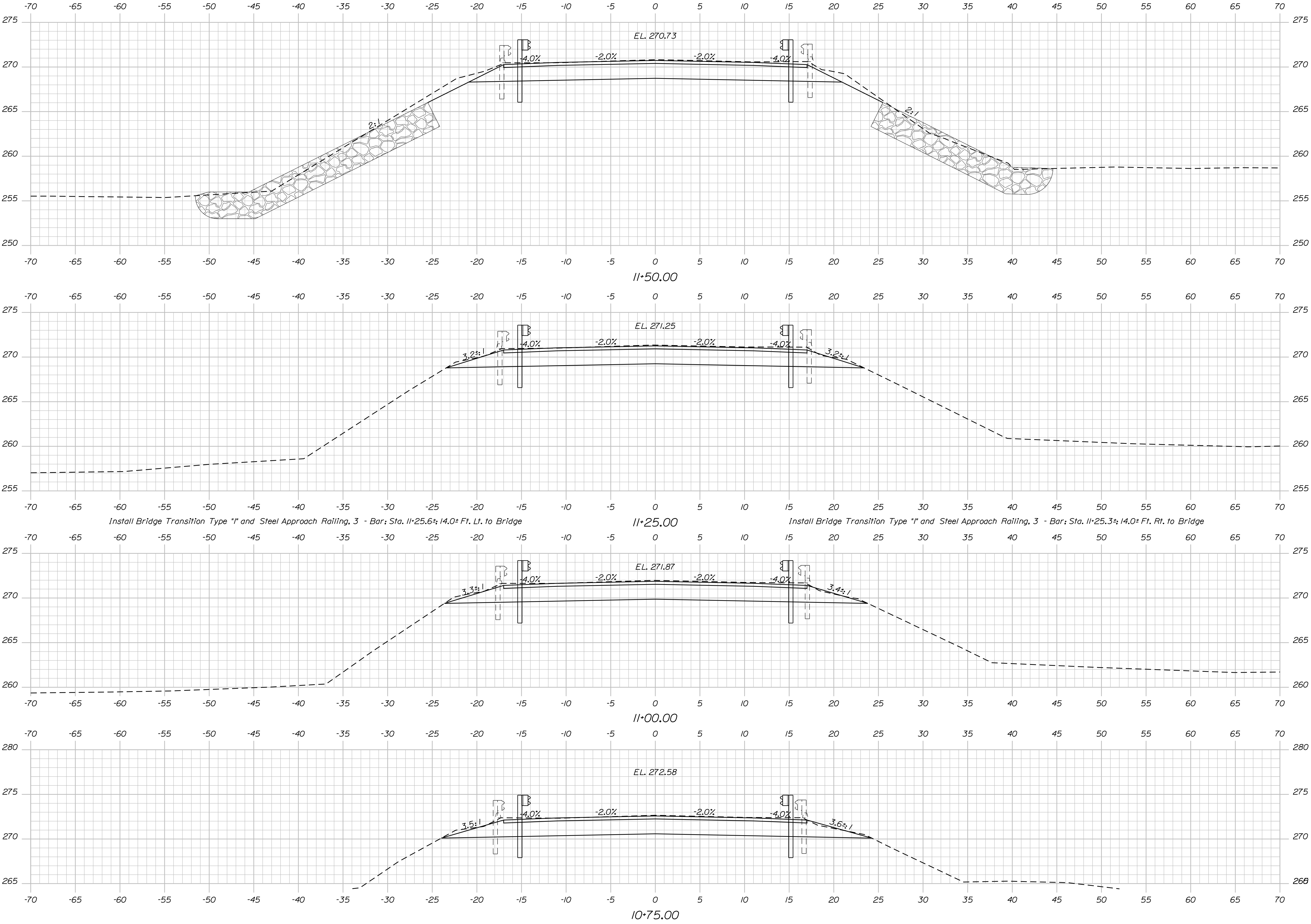
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OF 16

Username: Benjamin.J.Bartlett Date:3/3/2025

Division: BRIDGE

Filename: ... \MSTAO11_XSECT_10+75-11+50.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2538700

WIN
25387.00

BRIDGE NO. 2472

BRIDGE PLANS

PROJ. MANAGER	M. WIGHT	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
CHECKED-REVIEWED	B. BARTLETT	D. SHAW	MAR 2025			
DESIGN-DETAILED	N. PIKAY	T. WHITE				
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

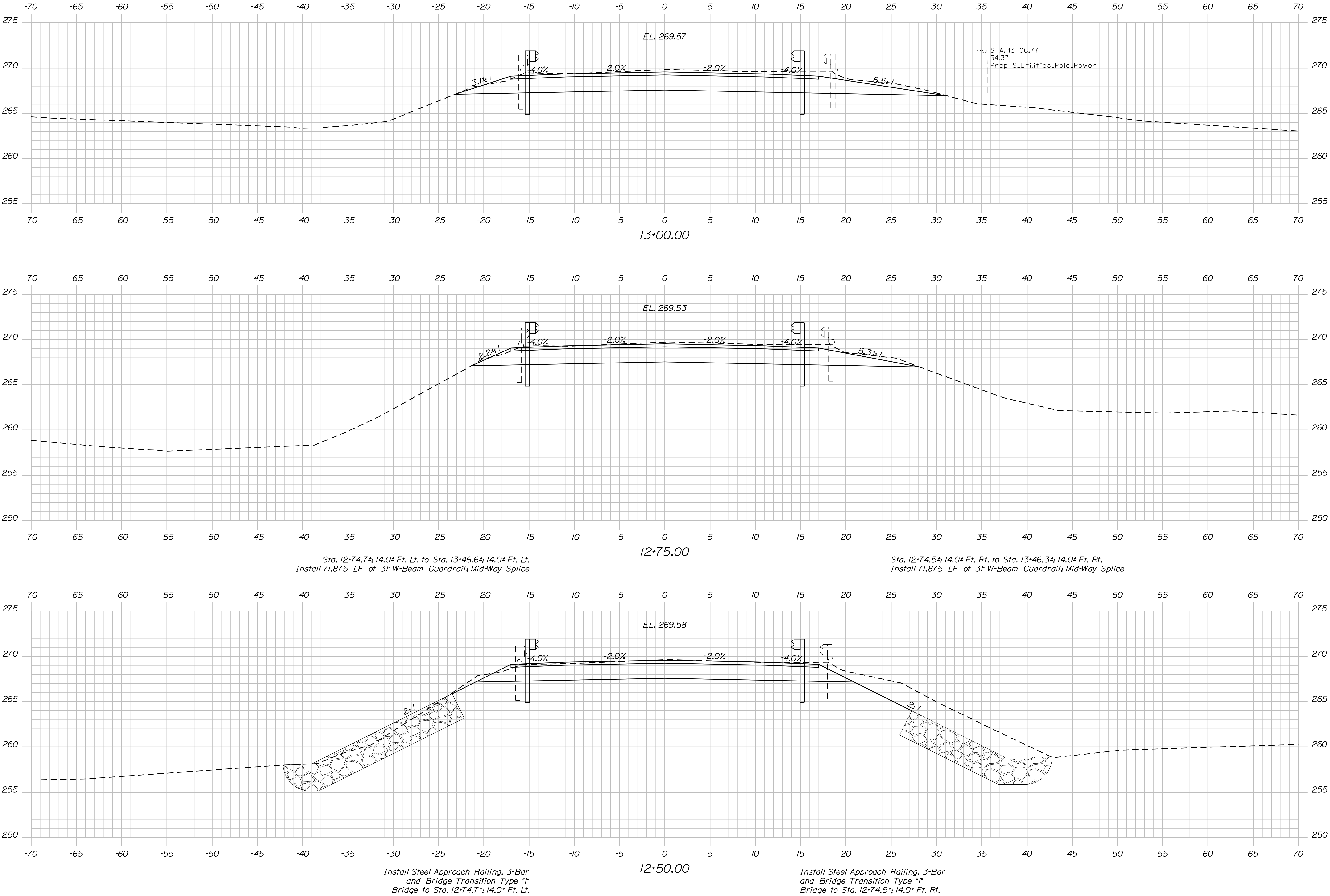
LITTLE TOMAH BRIDGE
LITTLE TOMAH STREAM
CODYVILLE PLT. WASHINGTON COUNTY

CROSS SECTIONS

SHEET NUMBER

11

OF 16



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2538700

WIN
25387.00

BRIDGE NO. 2472

BRIDGE PLANS

LITTLE TOMAH BRIDGE
LITTLE TOMAH STREAM
CODYVILLE PLT. WASHINGTON COUNTY

CROSS SECTIONS

SHEET NUMBER

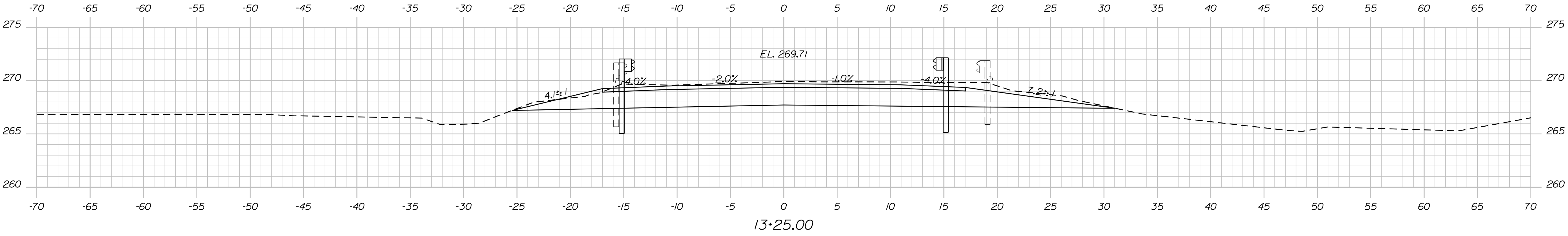
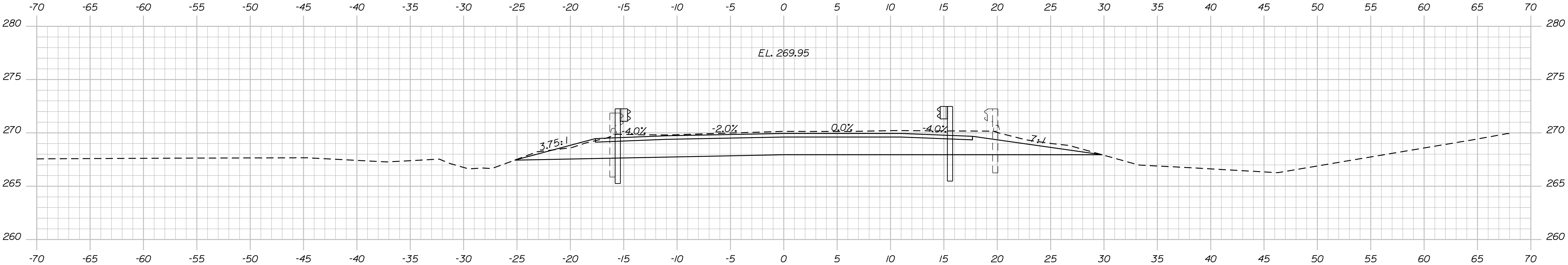
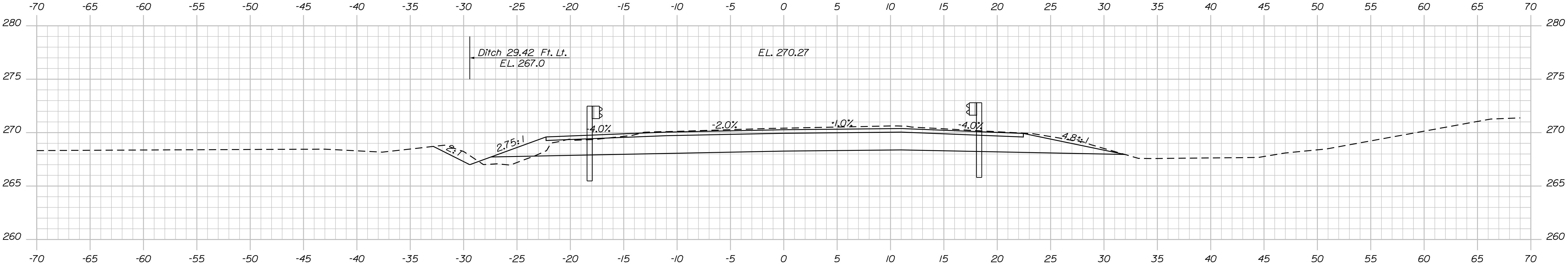
12

OF 16

Username: Benjamin.J.Bartlett Date:3/3/2025

Division: BRIDGE

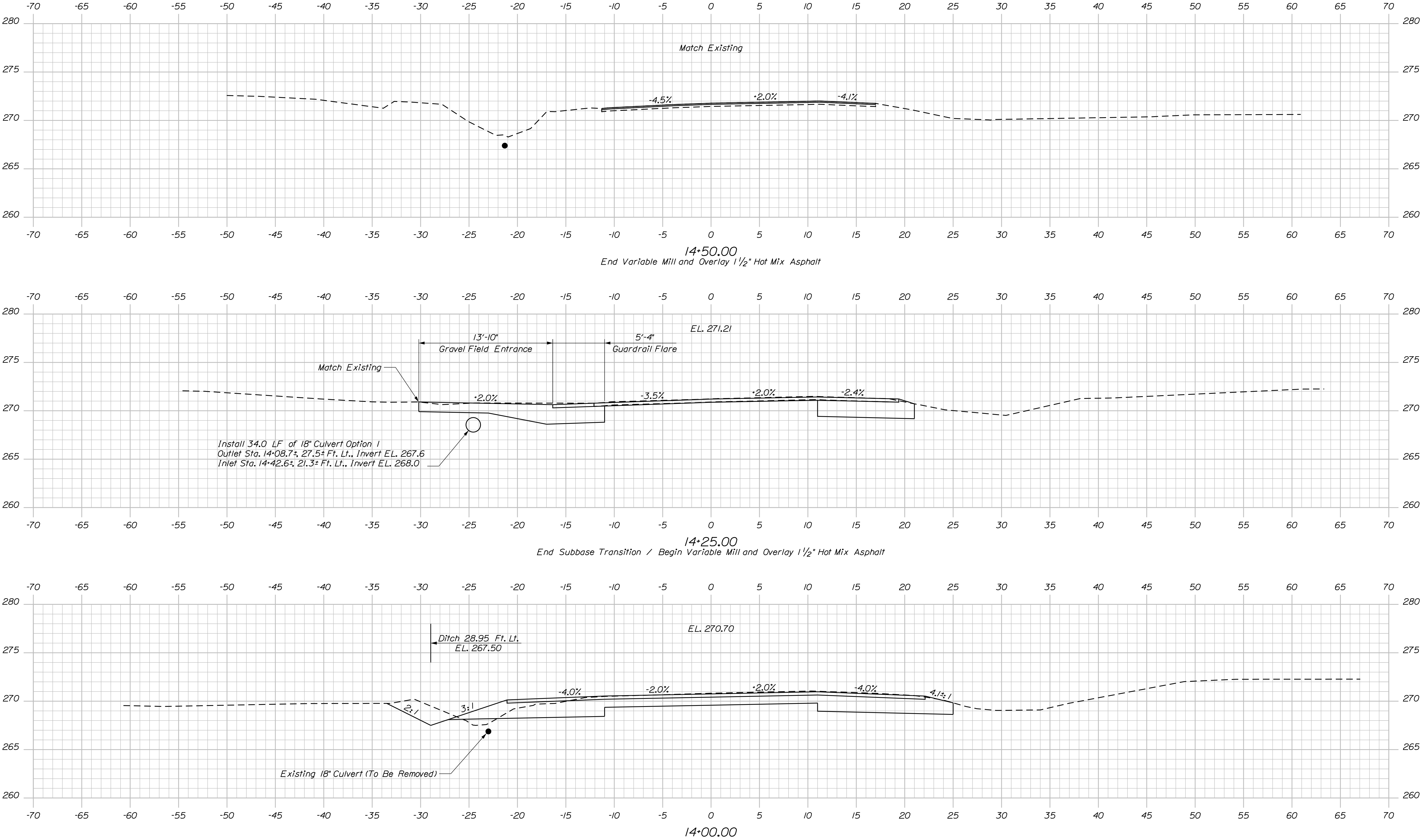
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STATE OF MAINE DEPARTMENT OF TRANSPORTATION	SIGNATURE		DATE
	P.E. NUMBER		DATE
	BRIDGE NO. 2472		BRIDGE PLANS
2538700		WIN	25387.00

PROJ. MANAGER	BY	DATE
CHECKED-REVIEWED	D. SHAW	MAR 2025
DESIGN-REVIEWED	T. WHITE	
DESIGNS DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

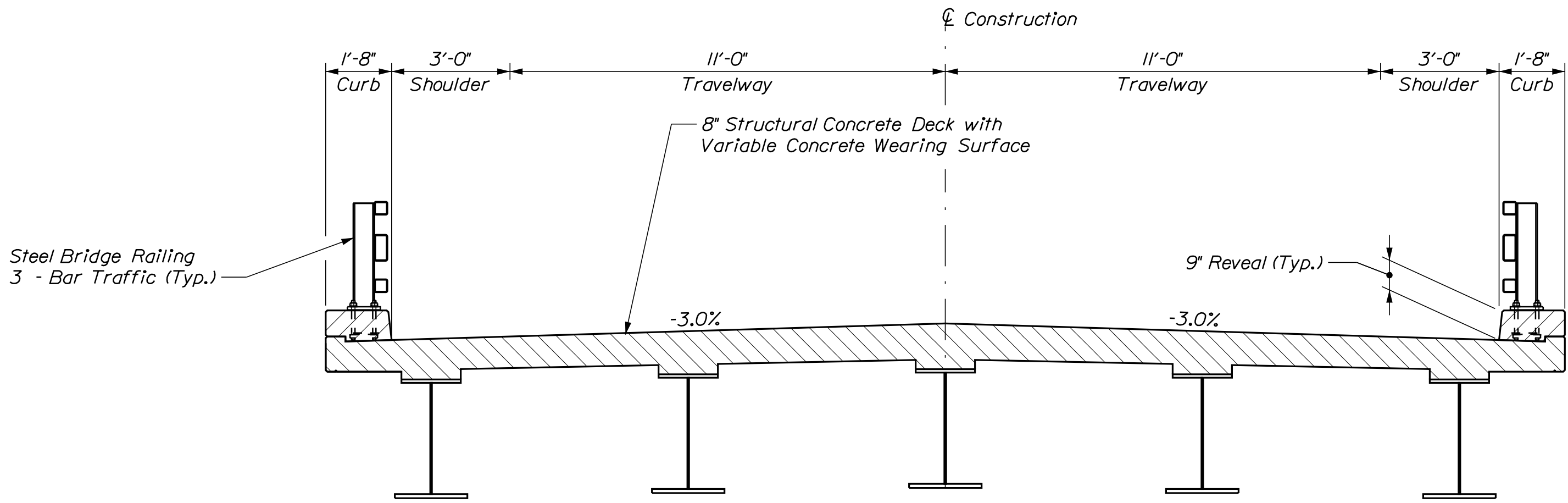
LITTLE TOMAH BRIDGE LITTLE TOMAH STREAM CODYVILLE PLT. WASHINGTON COUNTY	CROSS SECTIONS
SHEET NUMBER	
13	
OF 16	



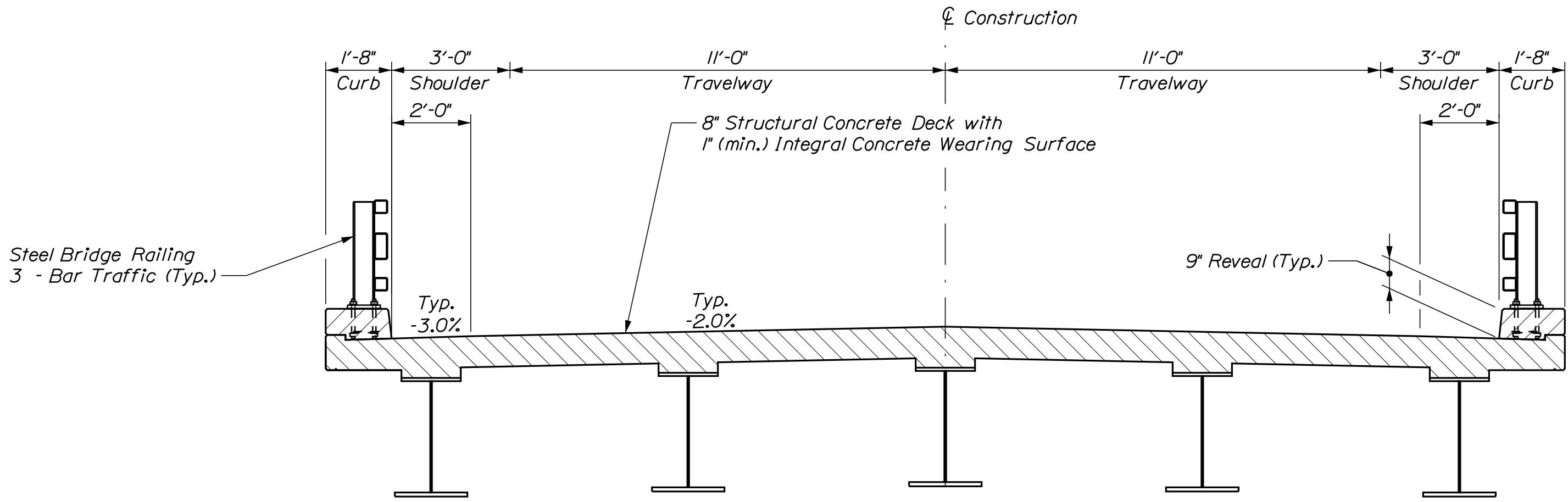
SHEET NUMBER				STATE OF MAINE			
14				DEPARTMENT OF TRANSPORTATION			
				2538700			
				WIN 25387.00			
BRIDGE NO. 2472				BRIDGE PLANS			

LITTLE TOMAH BRIDGE				PROJ. MANAGER		M. NIGHT		BY		DATE	
LITTLE TOMAH STREAM				DESIGN-DETAILED		B. BARTLETT		D. SHAW		MAR 2025	
CODYVILLE PLT. WASHINGTON COUNTY				CHECKED-REVIEWED						SIGNATURE	
				DESIGN2-DETAILED2		N.PIKRAY		T. WHITE			
				DESIGN3-DETAILED3						P.E. NUMBER	
				REVISIONS 1							
				REVISIONS 2							
				REVISIONS 3							
				REVISIONS 4						DATE	
				FIELD CHANGES							

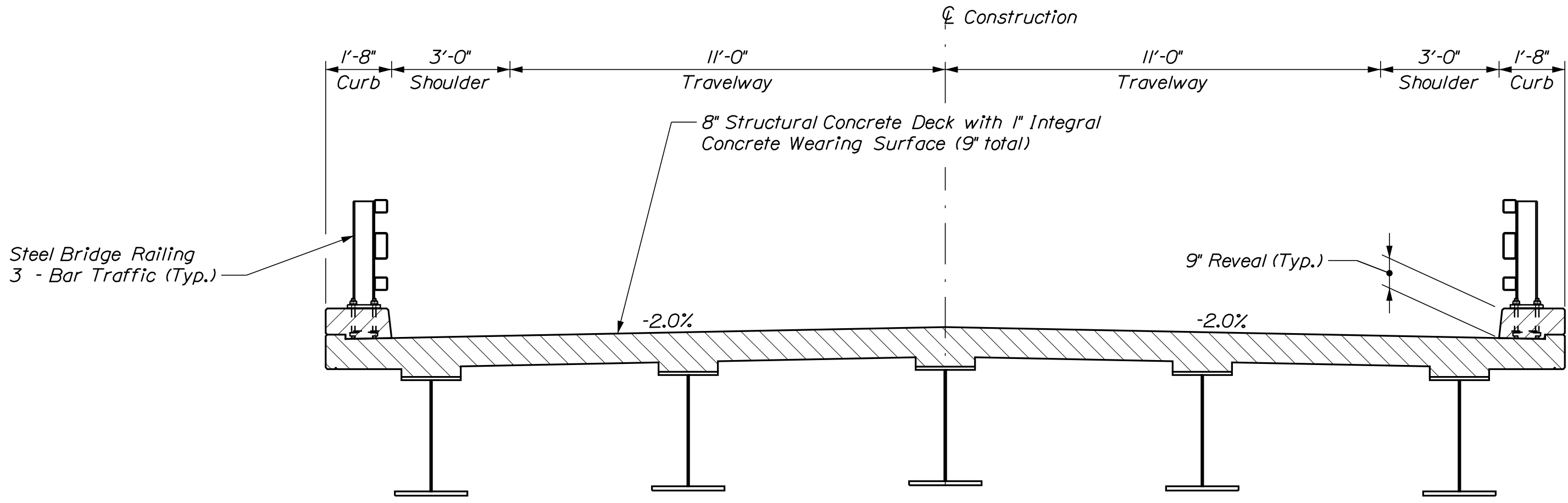
CROSS SECTIONS			
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EXAMPLE TYPICAL BRIDGE SECTION
(Deck Section before milling procedure;
Steel girders shown, see SP531 for alternatives and requirements)



EXAMPLE TYPICAL BRIDGE SECTION
(Final Deck Section after milling procedure;
Steel girders shown, see SP531 for alternatives and requirements))



EXAMPLE TYPICAL BRIDGE SECTION
(Final Deck Section with saw cut grooving;
Steel girders shown, see SP531 for alternatives and requirements))

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2538700

BRIDGE NO. 2472
WIN 25387.00
BRIDGE PLANS

LITTLE TOMAH BRIDGE
LITTLE TOMAH STREAM
CODYVILLE PLT. WASHINGTON COUNTY

TYPICAL SECTIONS

SHEET NUMBER

15

OF 16

PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGNED-DETAILED	D. SHAW	MAR 2025	
CHECKED-REVIEWED			
DESIGNED-DETAILED			
REVISIONS 1			
REVISIONS 2			P.E. NUMBER
REVISIONS 3			DATE
REVISIONS 4			
FIELD CHANGES			

