

STATE OF MAINE DEPARTMENT OF TRANSPORTATION



SPECIFICATIONS

Design: Load and Resistance Factor Design per AASHTO LRFD Bridge Design Specifications, Eighth Edition 2017 with 2018 errata.

DESIGN LOADING

Live Load HL-93 Modified For Strength I

TRAFFIC DATA

Current (2019) AADT	4230
Future (2029) AADT	4650
Future (2039) AADT	5080
DHV - % of AADT	10%
Design Hour Volume	508
Heavy Trucks (% of AADT)	12%
Heavy Trucks (% of DHV)	12%
Directional Distribution (% of DHV)	52%
18 kip Equivalent P 2.0	557
18 kip Equivalent P 2.5	530
Design Speed (mph)	40

HYDROLOGIC DATA

Drainage Area	1.7 sq mi
Design Discharge (Q50)	252.0 cfs
Check Discharge (Q100)	294.9 cfs
Headwater Elevation (Q50)	248.4 ft
Headwater Elevation (Q100)	248.6 ft
Discharge Velocity (Q50)	4.3 fps
Discharge Velocity (Q100)	4.9 fps
Headwater Elevation (Q1.1)	247.6 ft
Discharge Velocity (Q1.1)	0.8 fps
Headwater Elevation (Q25)	248.2 ft

MATERIALS

Concrete:	
Curbs	Class "LP"
Precast	Class "P"
Beam Slab Closures	Grout
All Other	Class "A"
Concrete Reinforcing:	
Plain steel	ASTM A 615, Grade 60
Stainless steel	ASTM A955, Grade 75
Prestressing Strands	AASHTO M203 (ASTM A 416), Grade 270, Low Relaxation
Steel H-Piles	ASTM A572, Grade 50

BASIC DESIGN STRESSES

Concrete:	
Class LP	f 'c = 5,000 psi
Class P	f 'c = 8,000 psi
	f 'ci = 6,500 psi
Grout	f 'c = 8,000 psi
Class A	f 'c = 4,000 psi
Concrete Reinforcing:	
Plain Steel	f y = 60,000 psi
Stainless Steel	f y = 75,000 psi
Prestressing Strand	F u = 270,000 psi
Steel H-Piles	fy=50,000 psi

ANSON SOMERSET COUNTY ICE HOUSE BRIDGE OVER GILMAN BROOK RIVER ROAD / ROUTE 8 / ROUTE 201A FEDERAL AID PROJECT NO. STP - 2165701 PROJECT LENGTH 0.10 mi. BRIDGE NO. 3726

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UTILITIES

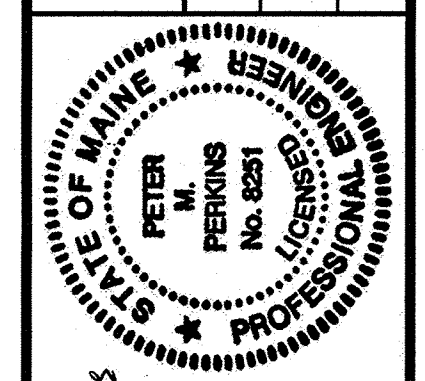
Madison Electric Works
Fairpoint
Charter Communications
TDS of Maine
Anson/Madison Water District
Anson Sewer

MAINTENANCE OF TRAFFIC

Maintain one lane of alternating traffic using on site special detour with temporary traffic signals.

PROJECT LOCATION:	On River Road/Route 8/Route 201A, 0.05 miles south of the intersection with Campground Road. Lat. - 44° 48' 48" N Long. - 69° 53' 32" W
PROGRAM AREA:	Bridge
OUTLINE OF WORK:	Bridge Replacement

STATE OF MAINE	DEPARTMENT OF TRANSPORTATION	DATE
APPROVED		3-24-21
COMMISSIONER:	<i>[Signature]</i>	
CHIEF ENGINEER:	<i>[Signature]</i>	3-22-2021



SIGNATURE	P.E. NUMBER	DATE
<i>[Signature]</i>	8251	3/5/2021

PROGRAM	BRIDGE	PROJECT INFORMATION
PROJECT MANAGER	Mark Parfitt	
DESIGNER	Peter Perkins	
CONSULTANT	CHA Consulting Inc.	
PROJECT RESIDENT		
CONTRACTOR		
PROJECT COMPLETION DATE		

ANSON ICE HOUSE BRIDGE
TITLE SHEET

Date: 3/5/2021

Username: 1151

Division: HIGHWAY

Filename: \\00\BRIDGE\MSTA\001_Title.dgn

WIN 021657.01

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.19	REMOVING EXISTING BRIDGE	1	LS
202.202	REMOVING PAVEMENT SURFACE	1400	SY
203.20	COMMON EXCAVATION	1170	CY
203.2318	DISPOSAL OF SPECIAL WASTE	100	T
203.24	COMMON BORROW	120	CY
203.25	GRANULAR BORROW	290	CY
206.082	STRUCTURE EARTH EXCAVATION-MAJOR STRUCTURES	617	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	1150	CY
403.2081	12.5 MM POLYMER MODIFIED HMA	190	TON
403.209	HOT MIX ASPHALT 9.5 MM (INCIDENTALS)	10	TON
403.213	HOT MIX ASPHALT 12.5 MM BASE	50	TON
403.2131	12.5 MM POLYMER MODIFIED HMA BASE	170	TON
409.15	BITUMINOUS TACK COAT - APPLIED	150	G
461.131	TEMPORARY PAVEMENT	135	T
501.231	DYNAMIC LOADING TEST	2	EA
501.50	STEEL H-BEAM PILES 89 LBS/FT, DELIVERED	310	LF
501.501	STEEL H-BEAM PILES 89 LBS/FT, IN PLACE	300	LF
501.91	PILE SPLICES	12	EA
501.92	PILE DRIVING EQUIPMENT MOBILIZATION	1	LS
502.219	STRUCTURAL CONCRETE, ABUTMENTS & RETAINING WALLS (110 CY)	1	LS
502.31	STRUCTURAL CONCRETE APPROACH SLABS (26 CY)	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS (6 CY)	1	LS
502.492	STRUCTURAL CONCRETE CURBS AND SIDEWALKS	4	CY
503.12	REINFORCING STEEL, FABRICATED AND DELIVERED	18700	LB
503.13	REINFORCING STEEL, PLACING	18700	LB
503.26	STAINLESS STEEL REINFORCEMENT - FABRICATED & DELIVERED	2000	LB
503.27	STAINLESS STEEL REINFORCEMENT - PLACING	2000	LB
507.0821	STEEL BRIDGE RAILING, 3 BAR (124 LF)	1	LS
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE (199 SY)	1	LS
510.10	SPECIAL DETOUR 16' ROADWAY WIDTH TRAFFIC NOT SEPARATED	1	LS
511.07	COFFERDAM: UPSTREAM	1	LS
511.07	COFFERDAM: DOWNSTREAM	1	LS
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (56 SY)	1	LS
519.60	EXPANSION DEVICE - ASPHALTIC PLUG JOINT	70	LF
526.301	TEMPORARY CONCRETE BARRIER TYPE I (80 LF)	1	LS
527.34	WORK ZONE CRASH CUSHIONS	4	UN
535.622	PRESTRESSED STRUCTURAL CONCRETE NEXT BEAM (61 CY)	1	LS
604.18	ADJUST MANHOLE OR CB TO GRADE	3	EA
606.1301	31" W-BEAM GUARDRAIL - MID-WAY SPLICE	162.5	LF
606.1305	31" W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL	4	EA
606.1721	BRIDGE TRANSITION - TYPE I	4	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8	EA
607.421	SCREENING FENCE	260	LF
610.08	PLAIN RIPRAP	413	CY
613.319	EROSION CONTROL BLANKET	65	SY
615.07	LOAM	30	CY
618.14	SEEDING METHOD NUMBER 2	1	UN
619.12	MULCH	1	UN
619.14	EROSION CONTROL MIX	30	CY
620.58	EROSION CONTROL GEOTEXTILE	639	SY
620.66	DRAINAGE GEOCOMPOSITE	84	SY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	2040	LF
627.77	REMOVING PAVEMENT MARKINGS	340	SF
627.78	TEMP 4" PAINT PAVEMENT MARKING LINE WHITE OR YELLOW	1000	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	27	EA
652.34	CONE	27	EA
652.35	CONSTRUCTION SIGNS	300	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES (180 CD)	1	LS
652.38	FLAGGER	320	HR
656.75	TEMPORARY SOIL EROSION & 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 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. All embankment material, except as otherwise shown, placed below EL. 248.00 shall be Granular Borrow meeting the requirements of Subsection 703.19. Material for Underwater Backfill.

7. Construct the riprap shelf at each abutment at EL. 251.20.

8. Unless otherwise shown, place loam 2 inches deep on all new or reconstructed side slopes or as directed by the Resident.

9. 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 No. 619.14, Erosion Control Mix.

10. Place a 24-inch wide strip of Temporary Erosion Control Blanket on the side slopes along the top of the riprap and behind the wingwalls.

11. An NCHRP350 or MASH compliant guardrail end treatment shall be installed concurrently with the placement of each section of beam guardrail.

12. 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.

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

All exposed surfaces of concrete curbs, Fascias down to the drip notch, Top face and to one foot below the ground on vertical walls against earth.

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

15. 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.

16. The hydrologic report of the bridge site may be accessed at the MaineDOT web address. The hydrologic report is 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.

17. The project geotechnical report titled: Geotechnical Report for the Replacement of Ice House Bridge, State Route 201A over Gilman Brook, Anson, Maine, MaineDOT Soils Report 2019-43, Dated September 18, 2019 may be accessed on the MaineDOT web address.

18. 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.

19. 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.

20. Install two layers of 6 mil polyethylene sheeting under approach slabs. Payment will be considered incidental to Item No. 502.31, Structural Concrete Approach Slab.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
02165701
WIN
021657.01
BRIDGE NO. 3726
BRIDGE PLANS

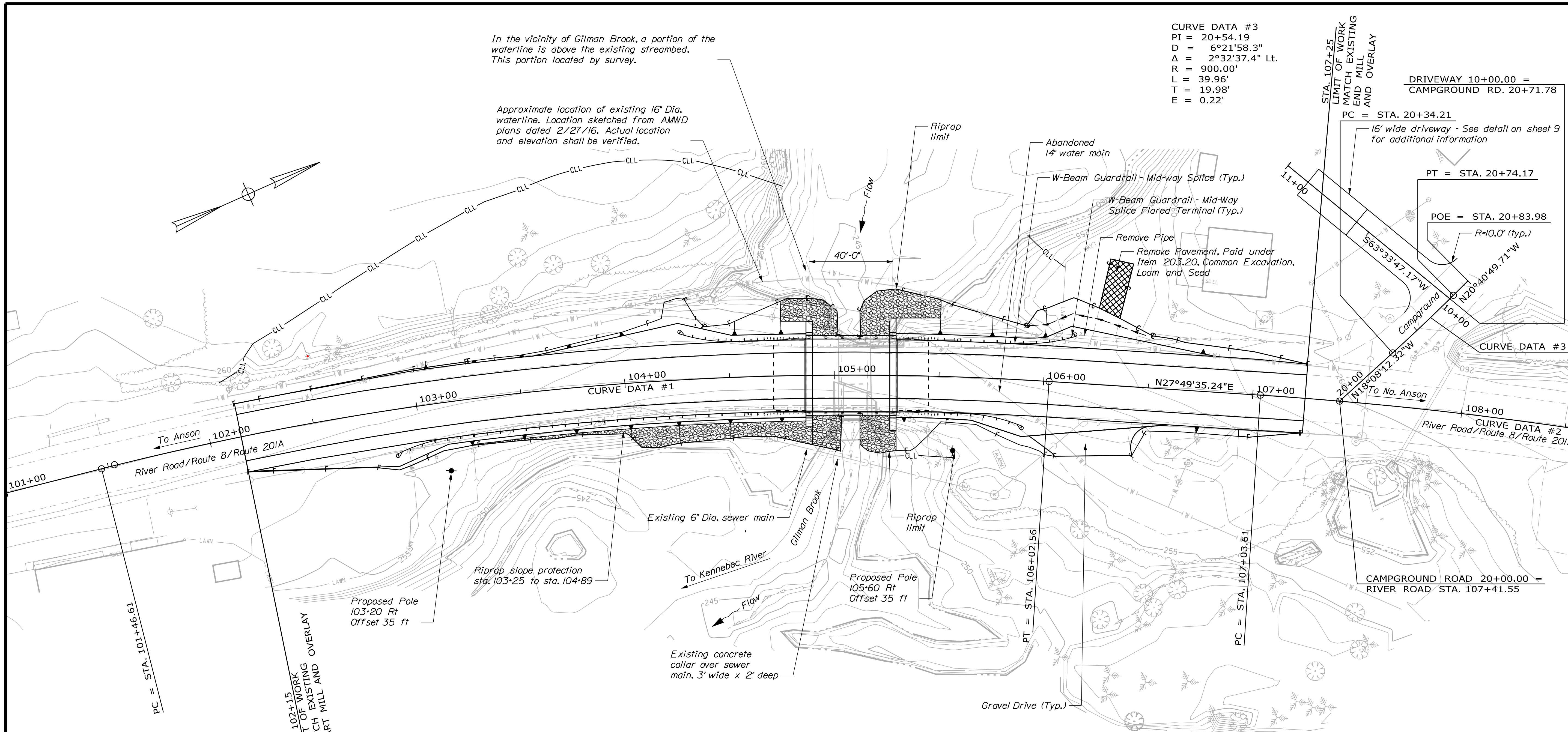
PROJ. MANAGER	Mark	Parlin	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	C. Oleson			10/2019			
CHECKED-REVIEWED	P. Lushion		P. Perkins	3/2021			
DESIGN-DETAILED	P. Lushion						
REVISIONS 1							
REVISIONS 2							
REVISIONS 3							
REVISIONS 4							
FIELD CHANGES							

ICE HOUSE BRIDGE
GILMAN BROOK
SOMERSET
ANSON
ESTIMATED QUANTITIES &
CONSTRUCTION NOTES

SHEET NUMBER

2

OF 31



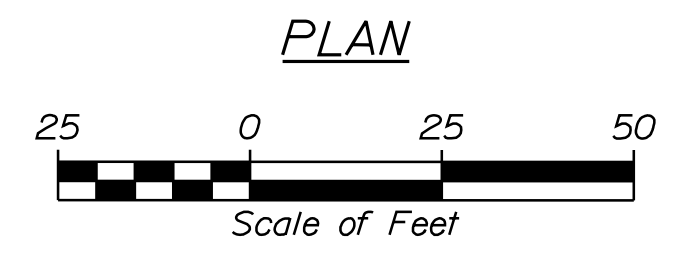
In the vicinity of Gilman Brook, a portion of the waterline is above the existing streambed. This portion located by survey.

Approximate location of existing 16" Dia. waterline. Location sketched from AMWD plans dated 2/27/16. Actual location and elevation shall be verified.

CURVE DATA #3
 PI = 20+54.19
 D = 6°21'58.3"
 Δ = 2°32'37.4" Lt.
 R = 900.00'
 L = 39.96'
 T = 19.98'
 E = 0.22'

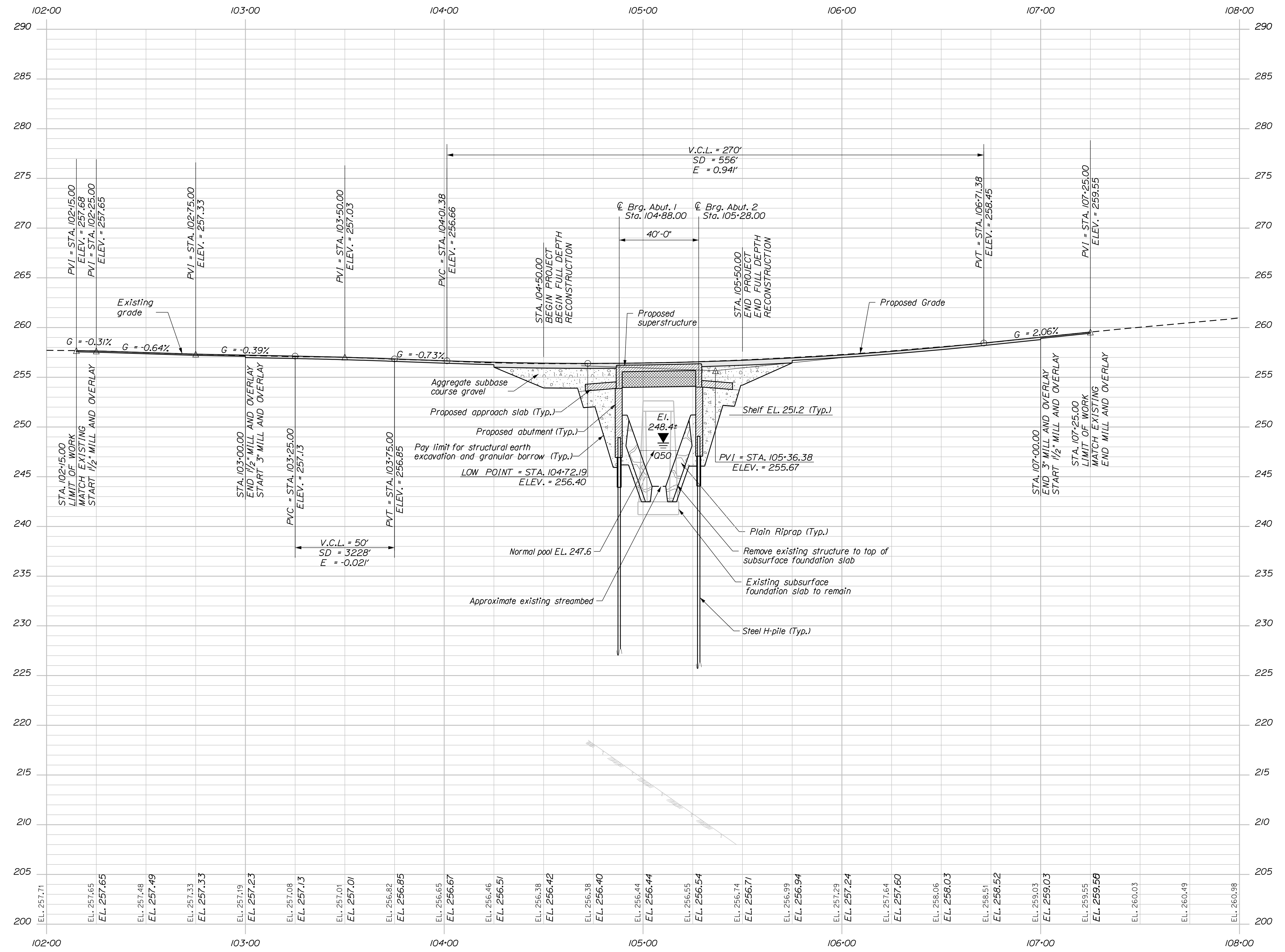
DRIVEWAY 10+00.00 = CAMPGROUND RD. 20+71.78
 PC = STA. 20+34.21
 16' wide driveway - See detail on sheet 9 for additional information
 PT = STA. 20+74.17
 POE = STA. 20+83.98
 R=10.0' (typ.)

CURVE DATA #1
 PI = 103+76.47
 D = 3°56'16.3"
 Δ = 17°57'17.7" Rt.
 R = 1455.00'
 L = 455.96'
 T = 229.86'
 E = 18.05'

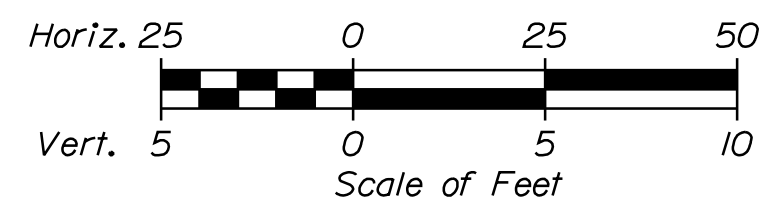


CURVE DATA #2
 PI = 108+61.36
 D = 3°08'47.0"
 Δ = 9°54'07.7" Rt.
 R = 1821.00'
 L = 314.71'
 T = 157.75'
 E = 6.82'

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		02165701		WIN		021657.01	
ICE HOUSE BRIDGE GILMAN BROOK		SOMERSET		ANSON		BRIDGE NO. 3726	
SHEET NUMBER		3		DATE		FIELD CHANGES	
PROJ. MANAGER	DATE	BY	DATE	REVISIONS 1	DATE	REVISIONS 2	DATE
DESIGN DETAILED	DEC 2017	PAL	DEC 2017	REVISIONS 3		REVISIONS 4	
CHECKED/REVIEWED		PMP	Mar 2021	REVISIONS 5			
DESIGN DETAILED				REVISIONS 6			
DESIGN DETAILED				REVISIONS 7			
REVISIONS 1				REVISIONS 8			
REVISIONS 2				REVISIONS 9			
REVISIONS 3				REVISIONS 10			
REVISIONS 4							
REVISIONS 5							
REVISIONS 6							
REVISIONS 7							
REVISIONS 8							
REVISIONS 9							
REVISIONS 10							



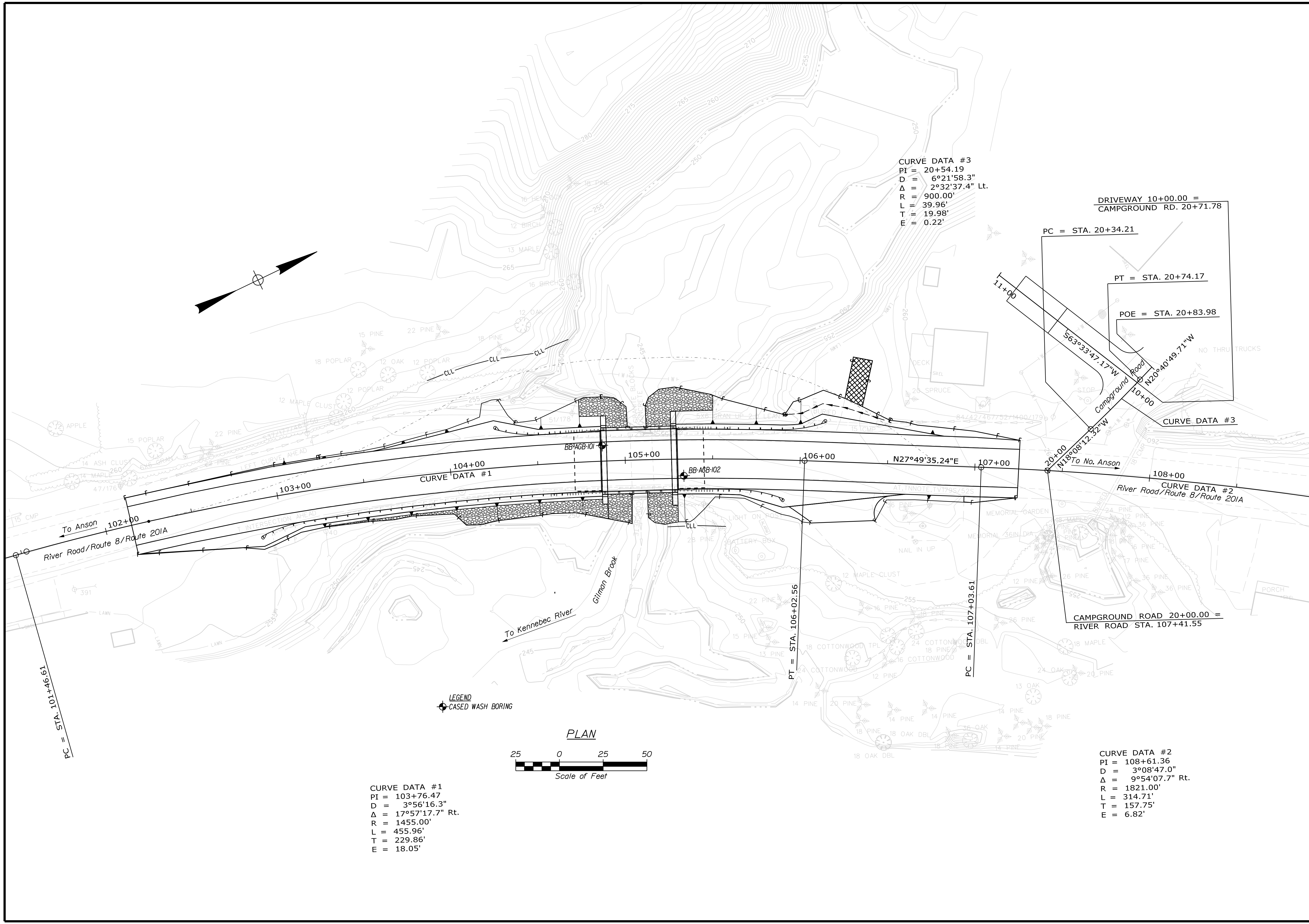
PROFILE



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		02165701	
ICE HOUSE BRIDGE GILMAN BROOK		SOMERSET	
ANSON		PROFILE	
SHEET NUMBER		BRIDGE NO. 3726	
4		WIN 021657.01	
OF 31		BRIDGE PLANS	

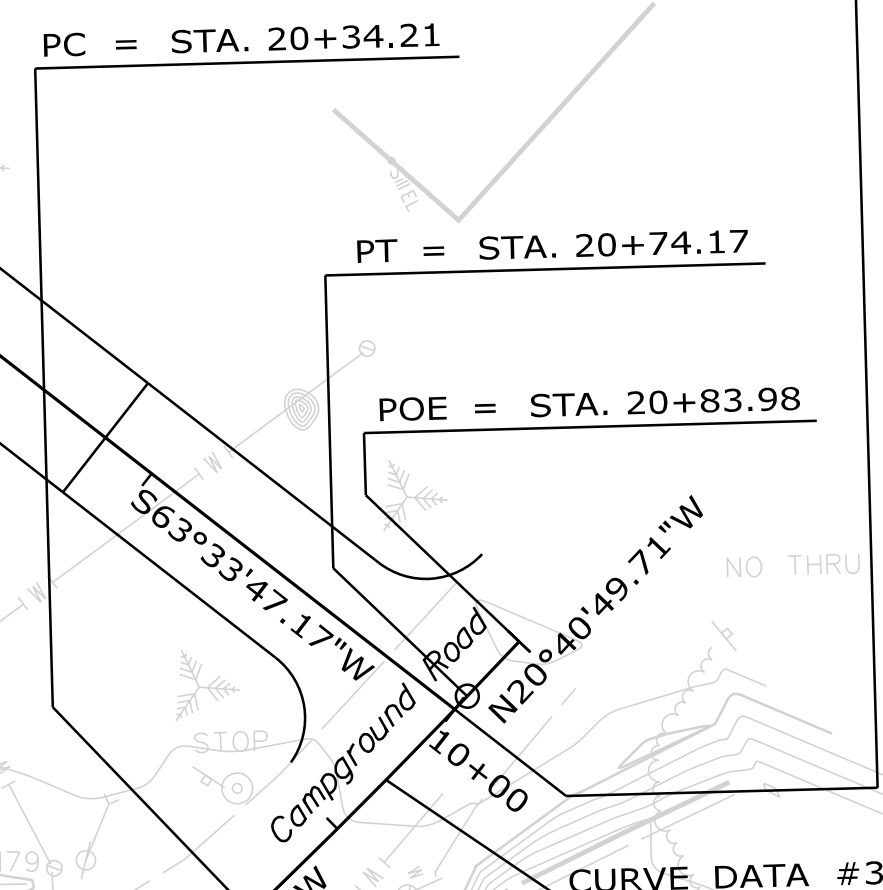
PROJ. MANAGER	Mark Parlin	BY	DATE
DESIGN-DETAILED	C. Olmstead	P. Lustrani	10/2019
CHECKED-REVIEWED	P. Lustrani	P. Perkins	3/2021
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE



CURVE DATA #3
 PI = 20+54.19
 D = 6°21'58.3"
 Δ = 2°32'37.4" Lt.
 R = 900.00'
 L = 39.96'
 T = 19.98'
 E = 0.22'

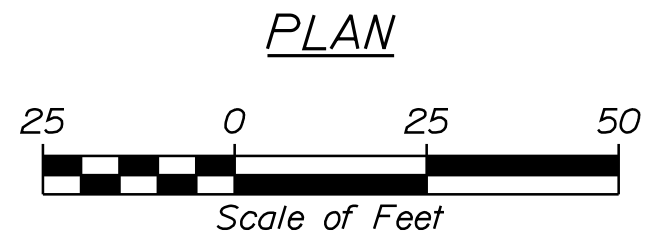
DRIVEWAY 10+00.00 =
 CAMPGROUND RD. 20+71.78



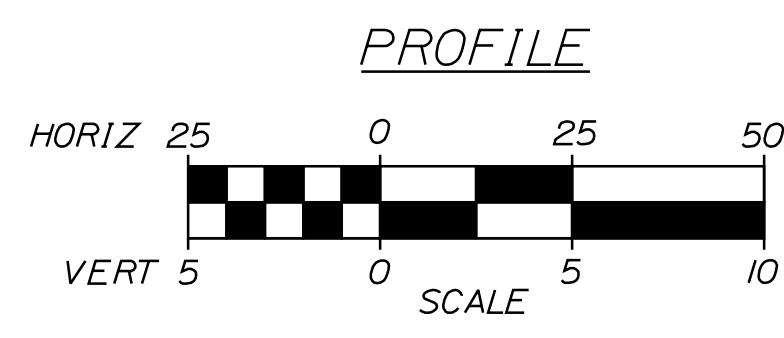
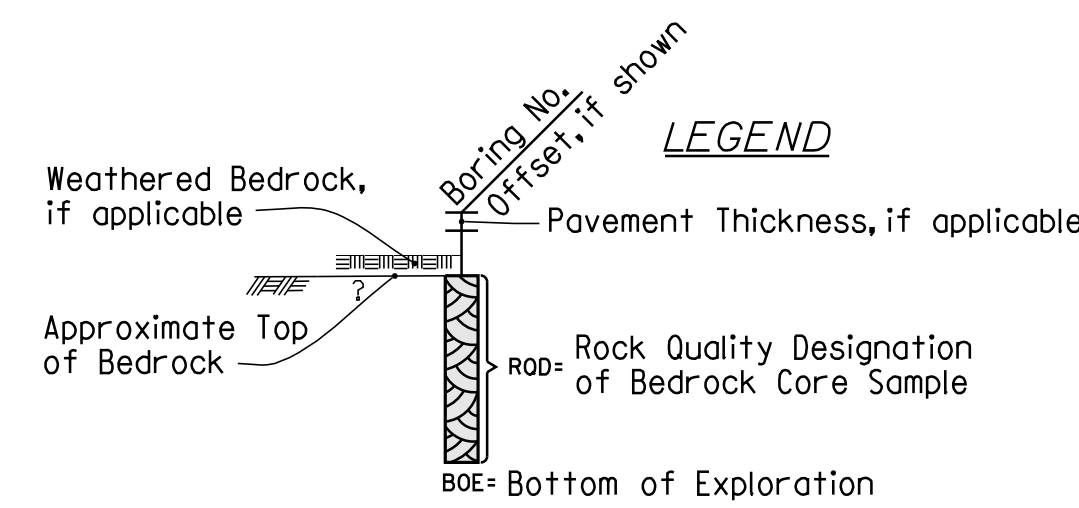
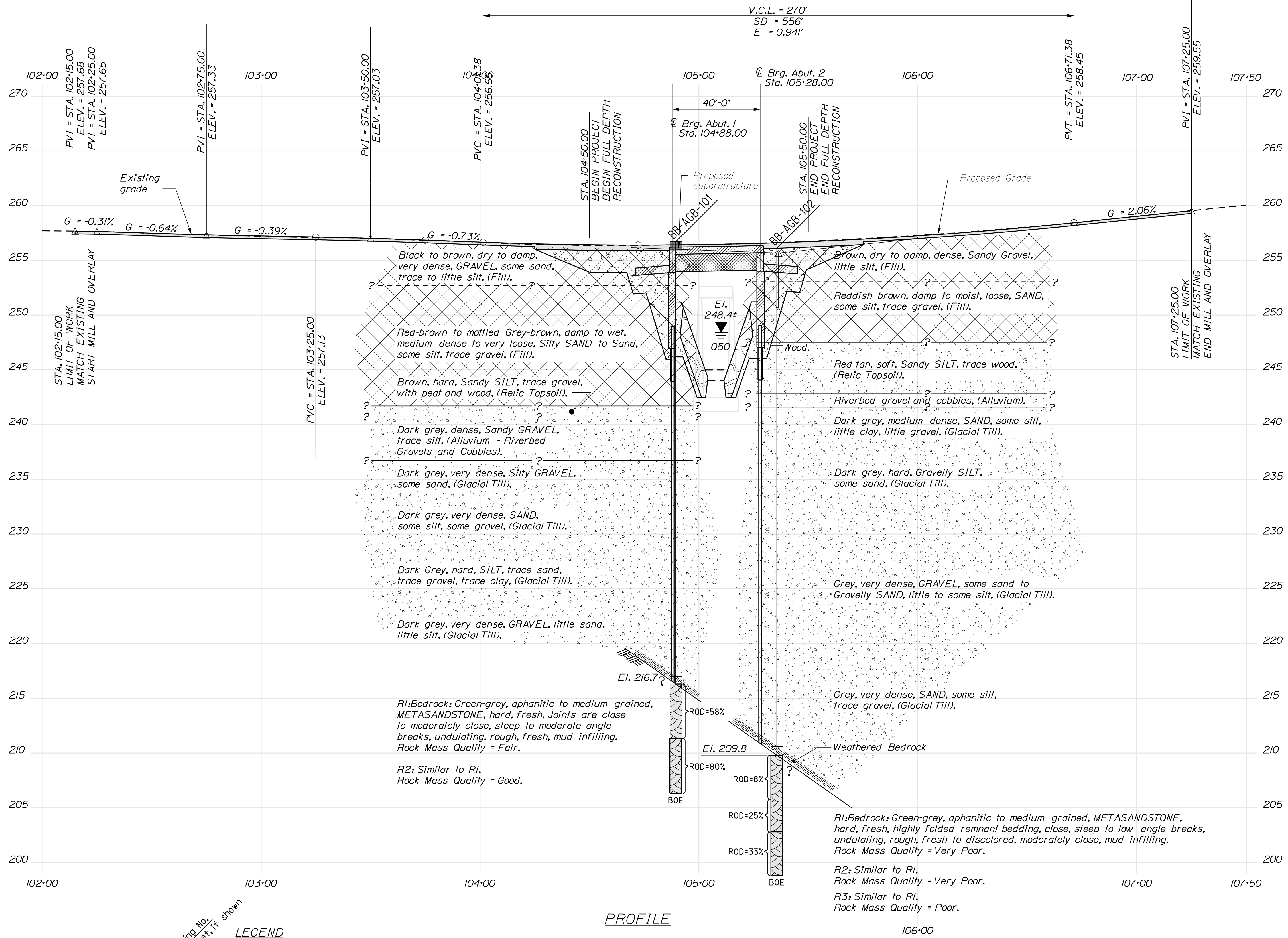
CURVE DATA #1
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CURVE DATA #2
 PI = 108+61.36
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 Δ = 9°54'07.7" Rt.
 R = 1821.00'
 L = 314.71'
 T = 157.75'
 E = 6.82'

LEGEND
 CASED WASH BORING

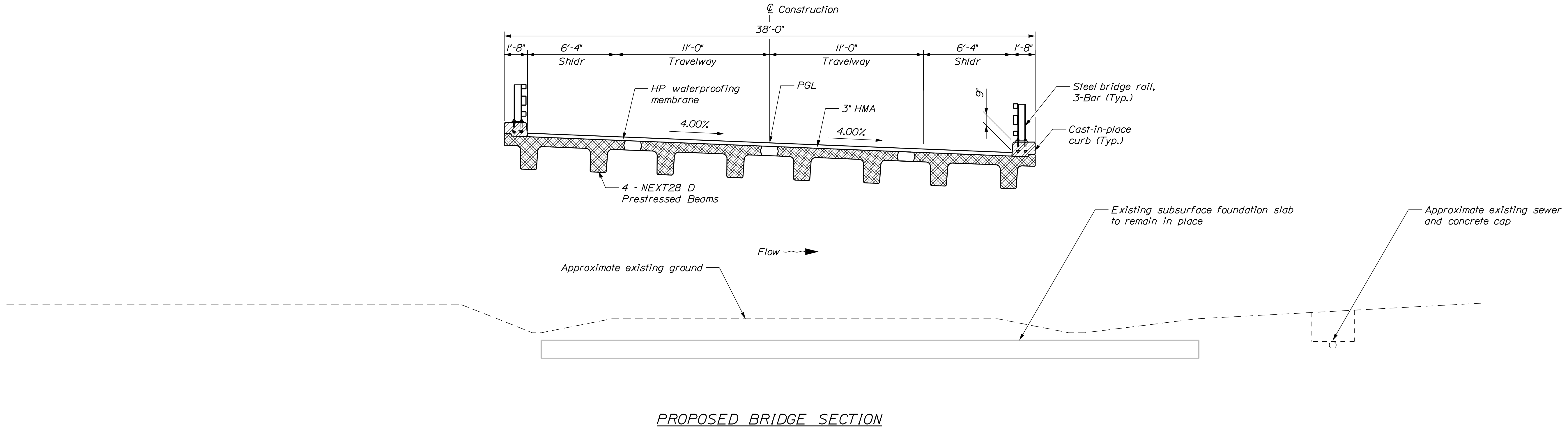
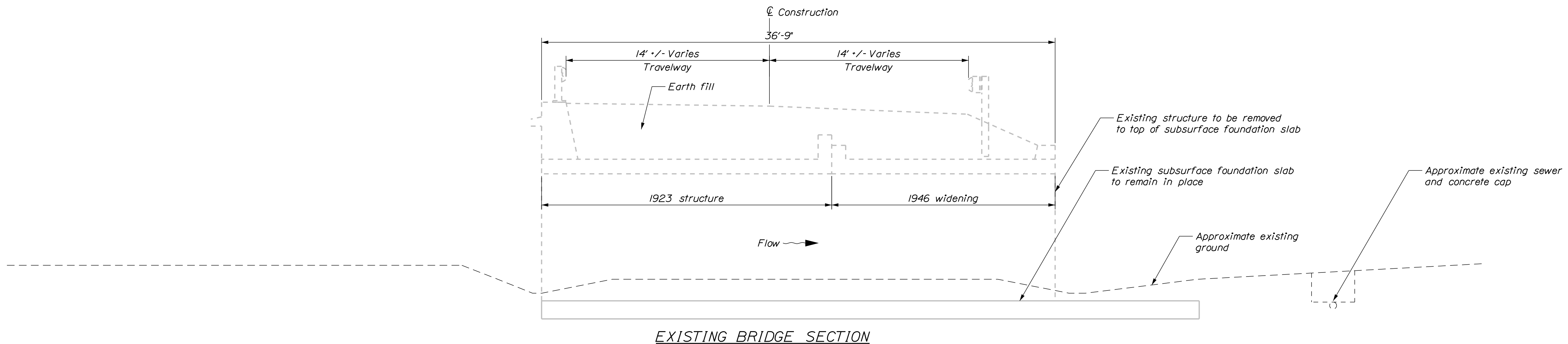


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		2165701	
ICE HOUSE BRIDGE		SOMERSET COUNTY		ANSON	
GILMAN BROOK		BORING LOCATION PLAN		SHEET NUMBER	
WIN		21657.01		BRIDGE NO. 3726	
DATE		SIGNATURE		P.E. NUMBER	
BY		T. WHITE		FEB 2019	
DESIGN DETAILED		DESIGNS DETAILED		DESIGNS DETAILED	
REVISIONS 1		REVISIONS 2		REVISIONS 3	
REVISIONS 4		FIELD CHANGES			
5		OF 31			

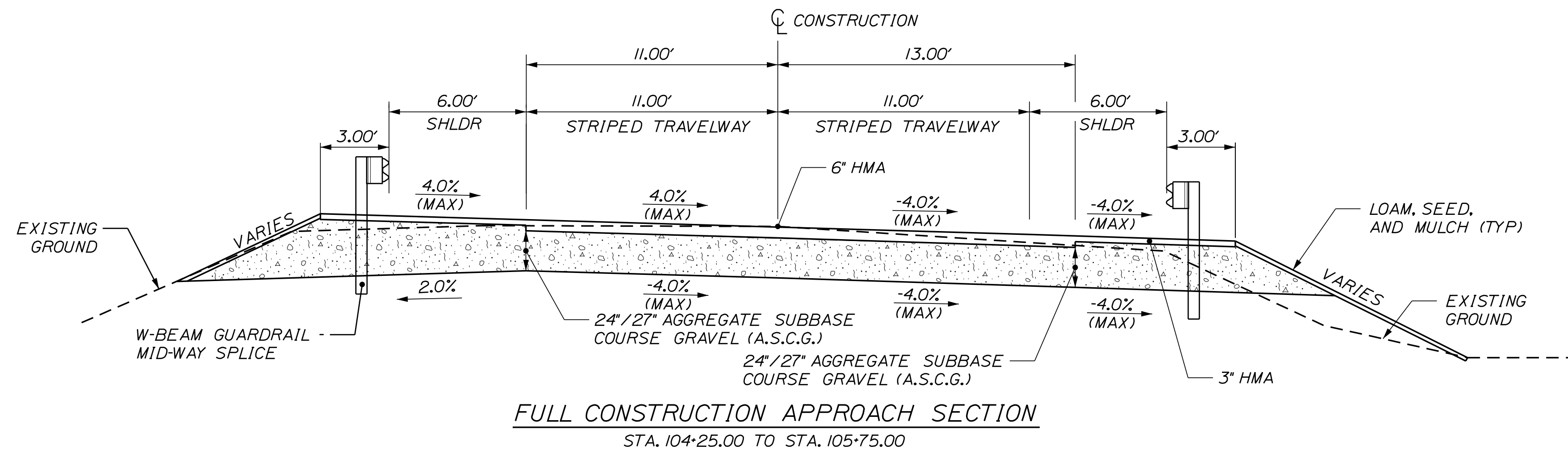


Note: This generalized interpretive soil profile is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and have been developed by interpretations of widely spaced explorations and samples. Actual soil and bedrock transitions may vary and are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

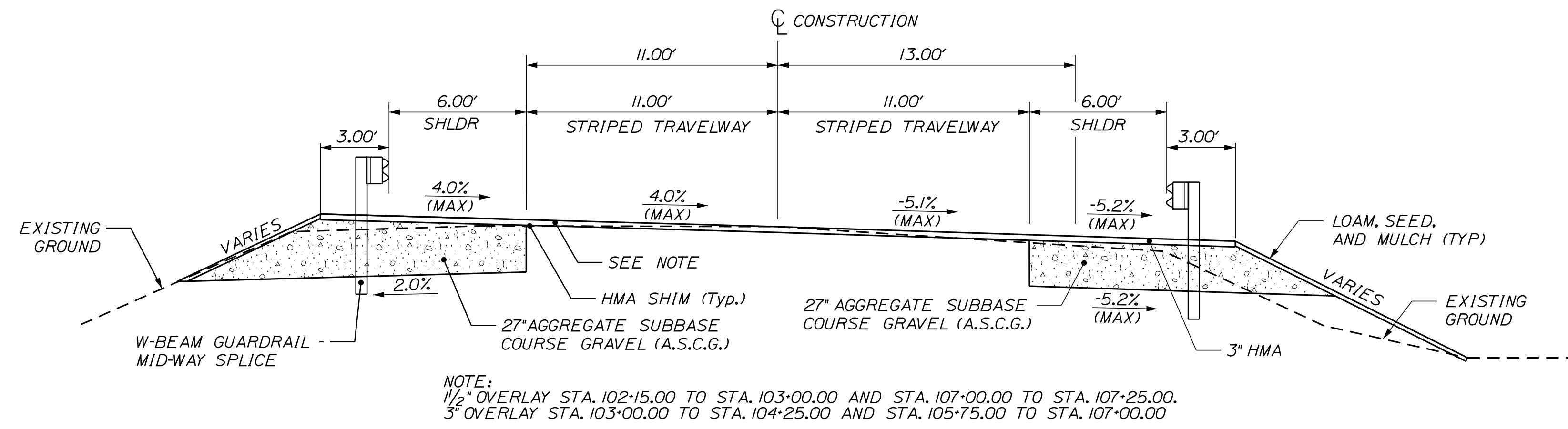
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
ICE HOUSE BRIDGE		SOMERSET COUNTY	
GILMAN BROOK		ANSON	
INTERPRETIVE SUBSURFACE PROFILE		SHEET NUMBER	
2165701		6	
BRIDGE NO. 3726		OF 31	
WIN		BRIDGE PLANS	
21657.01		DATE	
SIGNATURE		P.E. NUMBER	
T. WHITE		FEB. 2019	
DESIGN DETAILED		DESIGN DETAILED	
B. SLAVEN		T. WHITE	
DESIGN REVIEWED		DESIGN REVIEWED	
BY		DATE	
PROJ. MANAGER		DATE	
REVISIONS 1		REVISIONS 2	
REVISIONS 3		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES	



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		02165701		WIN 021657.01		BRIDGE NO. 3726		BRIDGE PLANS	
ICE HOUSE BRIDGE GILMAN BROOK		SOMERSET		ANSON		BRIDGE TYPICAL SECTION		SHEET NUMBER	
PROJ. MANAGER	Mark Parlin	CHECKED	C. Olmstead	DESIGNED	P. Lussitani	DATE	10/2019	SIGNATURE	
DESIGNED	P. Lussitani	CHECKED	P. Perkins	DESIGNED	P. Perkins	DATE	3/2021	P.E. NUMBER	
DESIGNED		DESIGNED		DESIGNED		DATE		DATE	
REVISIONS 1		REVISIONS 1		REVISIONS 1		DATE		DATE	
REVISIONS 2		REVISIONS 2		REVISIONS 2		DATE		DATE	
REVISIONS 3		REVISIONS 3		REVISIONS 3		DATE		DATE	
REVISIONS 4		REVISIONS 4		REVISIONS 4		DATE		DATE	
FIELD CHANGES		FIELD CHANGES		FIELD CHANGES		DATE		DATE	
ANSON		SOMERSET		ANSON		BRIDGE TYPICAL SECTION		SHEET NUMBER	
								8	
								OF 31	

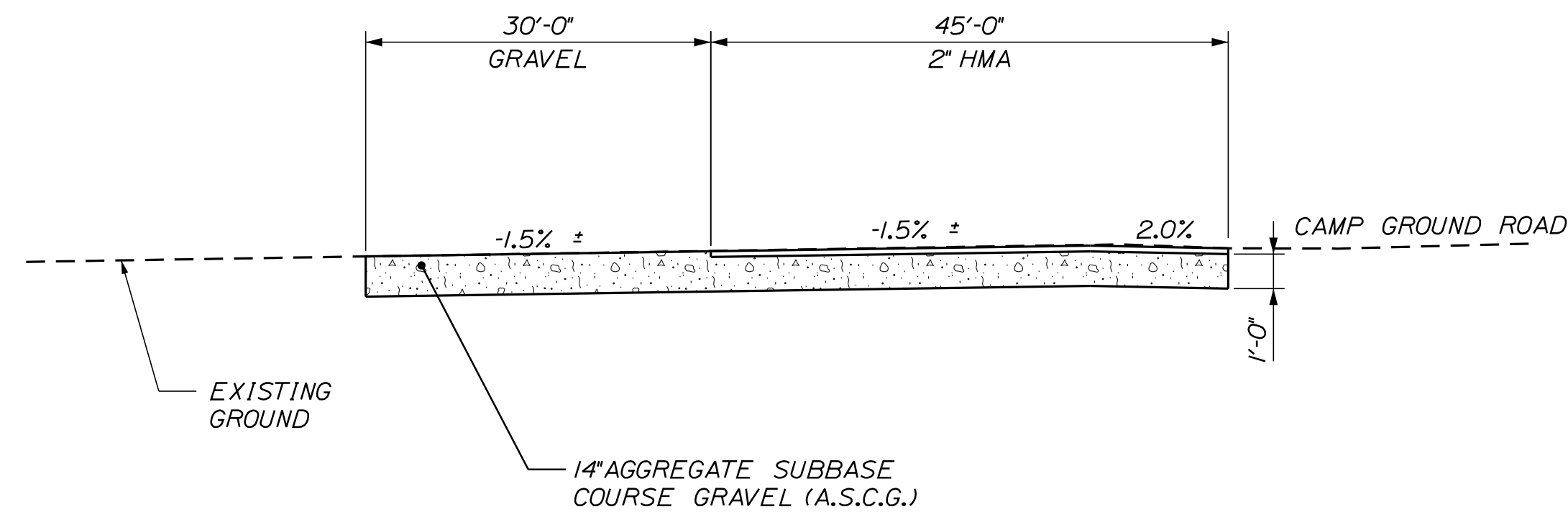


FULL CONSTRUCTION APPROACH SECTION
STA. 104+25.00 TO STA. 105+75.00

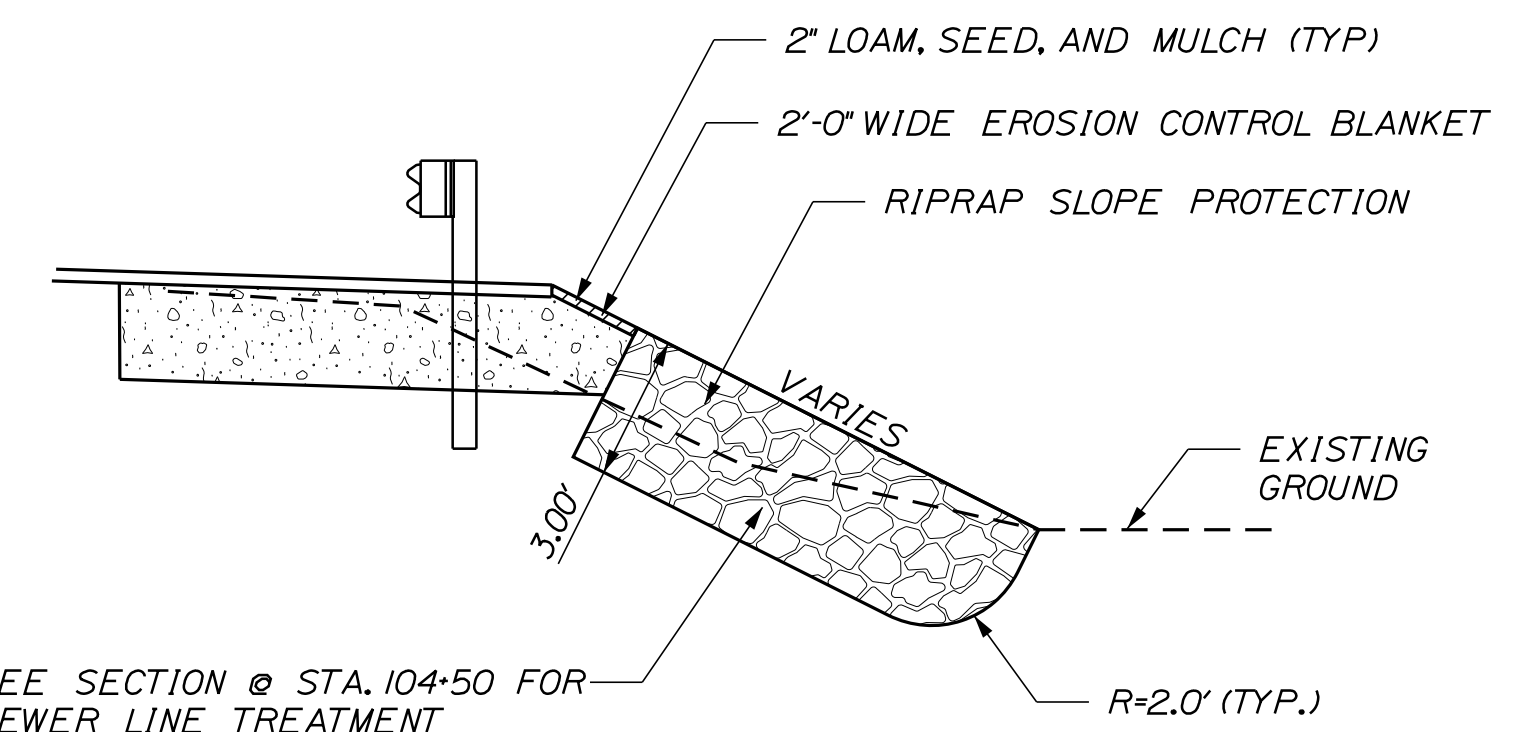


BOX OUT SHOULDER WIDENING SECTION
STA. 102+15.00 TO STA. 104+25.00
STA. 105+75.00 TO STA. 107+25.00

NOTE:
1 1/2" OVERLAY STA. 102+15.00 TO STA. 103+00.00 AND STA. 107+00.00 TO STA. 107+25.00.
3" OVERLAY STA. 103+00.00 TO STA. 104+25.00 AND STA. 105+75.00 TO STA. 107+00.00



DRIVEWAY PROFILE
SCALE: N.T.S.



RIPRAP SLOPE TREATMENT
STA. 103+24 ± TO STA. 104+88 ± RT.
SCALE: 1" = 4'

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
02165701
WIN
021657.01
BRIDGE NO. 3726
BRIDGE PLANS

PROJ. MANAGER	Mark Parlin	DATE
DESIGN-DETAILED	C. Olmstead	10/2019
CHECKED-REVIEWED	P. Lufkin	3/2021
DESIGN-DETAILED	P. Perkins	
DESIGN-DETAILED	P. Lufkin	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ICE HOUSE BRIDGE
GILMAN BROOK
SOMERSET
ANSON
HIGHWAY TYPICAL SECTION

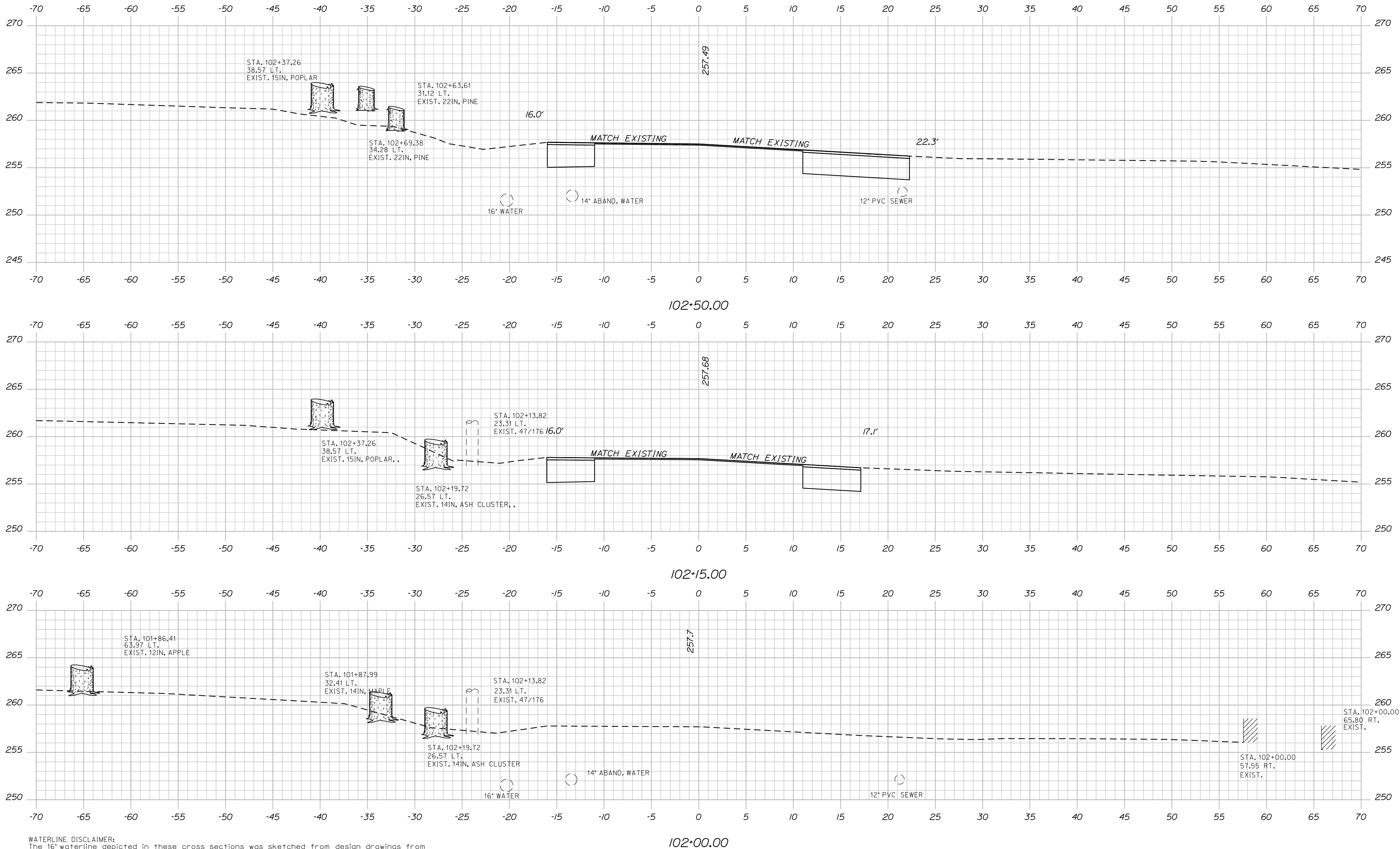
SHEET NUMBER
9
OF 31

Date: 3/5/2021

Username: 1151

Division: HIGHWAY

Filename: ... \MSTAD10_XSECT_102+00_001.dgn



WATERLINE DISCLAIMER:
 The 16" waterline depicted in these cross sections was sketched from design drawings from the owner of the utility. The location of the waterline in these cross sections does not necessarily reflect as-built location. It is known that in the vicinity of Gilman Brook, the waterline was not buried as planned, but placed directly on top of the streambed due to the weak characteristics of the streambed soils. The vertical and horizontal location of the waterline shall be field verified.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		02165701	WIN 021657.01	BRIDGE NO. 3726 BRIDGE PLANS
ICE HOUSE BRIDGE GILMAN BROOK		SOMERSET		
ANSON		CROSS SECTIONS		
SHEET NUMBER		10		
		OF 31		

PROJ. MANAGER	Mark Parlin	BY	DATE
DESIGN-DETAILED	C. Olmstead	P. Lushington	10/2019
CHECKED-REVIEWED	P. Perkins	P. Perkins	3/2021
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

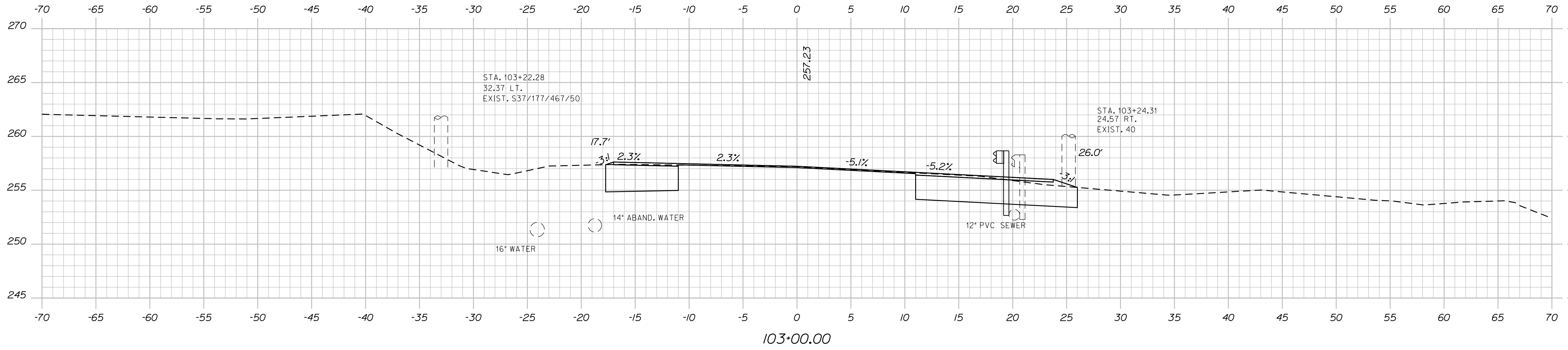
SIGNATURE	P.E. NUMBER	DATE

Date: 3/5/2021

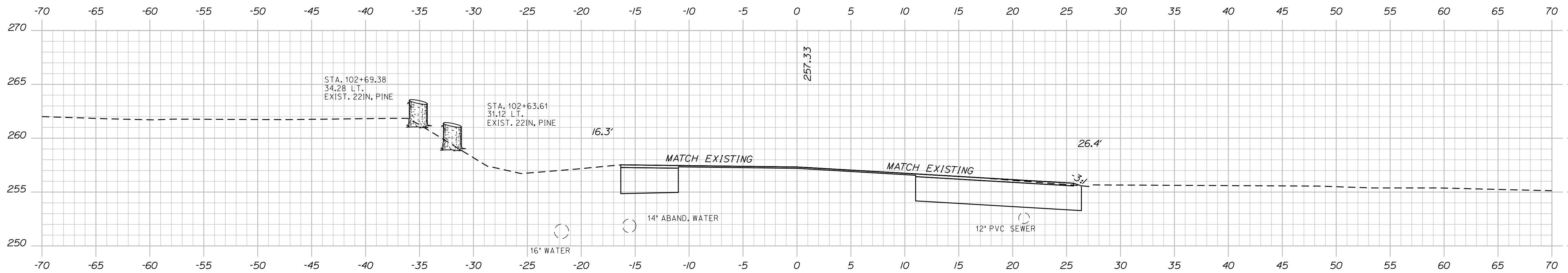
Username: 1151

Division: HIGHWAY

Filename: ... \MSTAD011_XSECT_102+75_002.dgn



103+00.00



102+75.00

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02165701

WIN

021657.01

BRIDGE NO. 3726

BRIDGE PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	Mark	Parlin	BY	DATE
DESIGN-DETAILED	C. Olmstead	P. Lusitani	P. Lusitani	10/2019
CHECKED-REVIEWED	P. Lusitani	P. Perkins	P. Perkins	3/2021
DESIGNS-DETAILED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

ICE HOUSE BRIDGE
GILMAN BROOK

SOMERSET

CROSS SECTIONS

ANSON

SHEET NUMBER

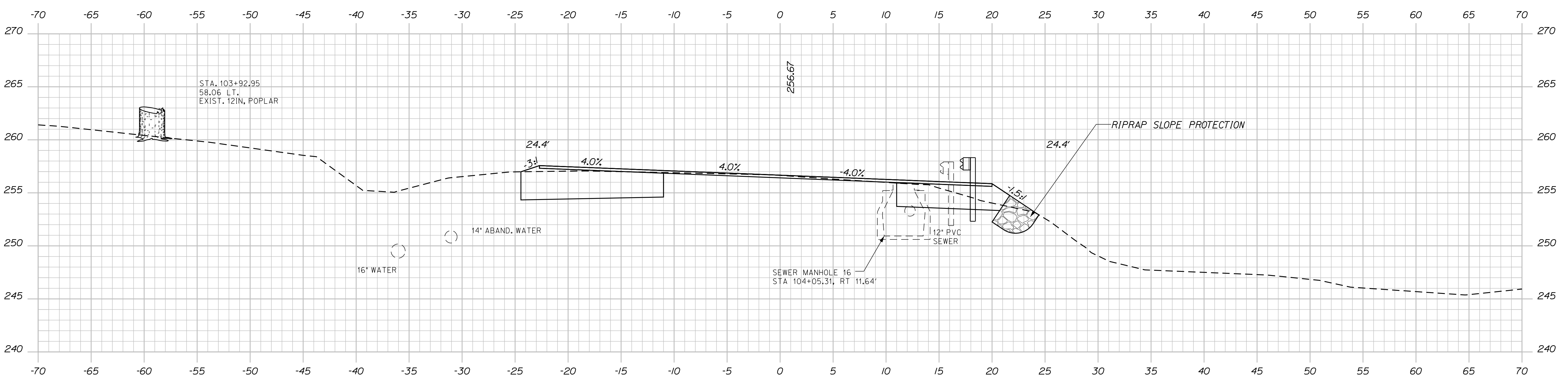
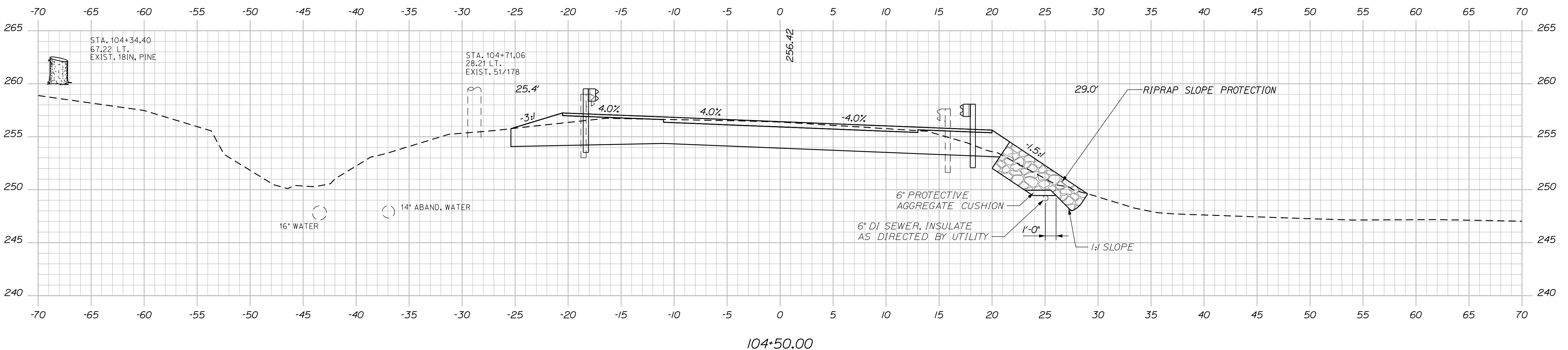
11

OF 31

Date: 3/5/2021

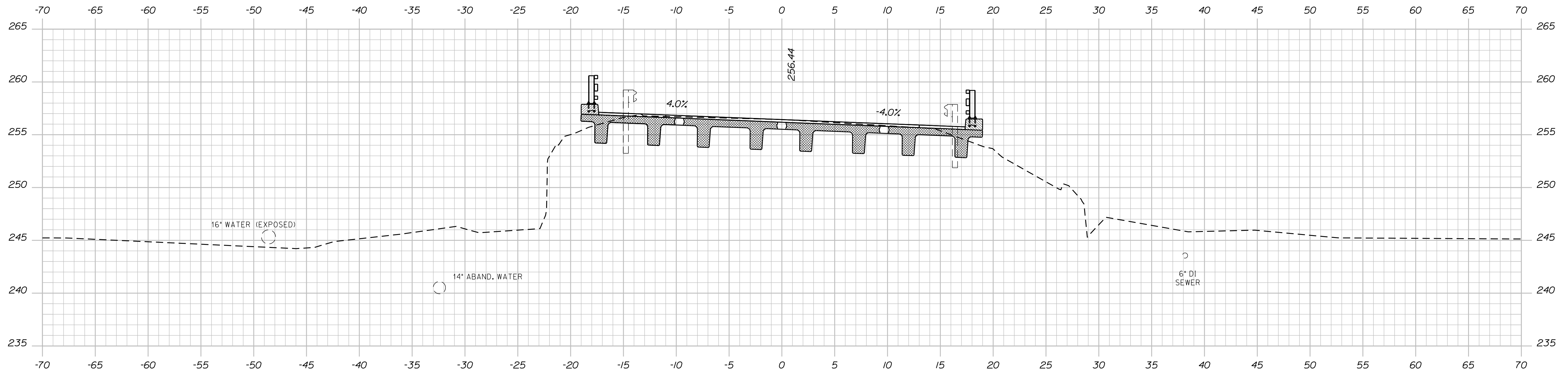
Username: 1151

Filename: ... \MSTAN013_XSECT_104+00_004.dgn Division: HIGHWAY



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STATE OF MAINE DEPARTMENT OF TRANSPORTATION		02165701	
ICE HOUSE BRIDGE GILMAN BROOK		WIN 021657.01	
ANSON		BRIDGE NO. 3726	
SOMERSET		BRIDGE PLANS	
CROSS SECTIONS		DATE	
SHEET NUMBER		P.E. NUMBER	
13		DATE	
OF 31		FIELD CHANGES	
PROJ. MANAGER	Mark Parlin	BY	P. LUSTON
DESIGN-DETAILED	C. OLSON	DATE	10/2019
CHECKED-REVIEWED	P. LUSTON	DATE	3/2021
DESIGN-DETAILED	P. LUSTON		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			



105+00.00 (BRIDGE)

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STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 02165701
 WIN
 021657.01
 BRIDGE NO. 3726
 BRIDGE PLANS

DESIGN-DETAILED	C. Olmstead	10/2019	SIGNATURE
CHECKED-REVIEWED	P. Perkins	3/2021	P.E. NUMBER
DESIGN-DETAILED			DATE
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ICE HOUSE BRIDGE
 GILMAN BROOK
 SOMERSET
 ANSON
 CROSS SECTIONS

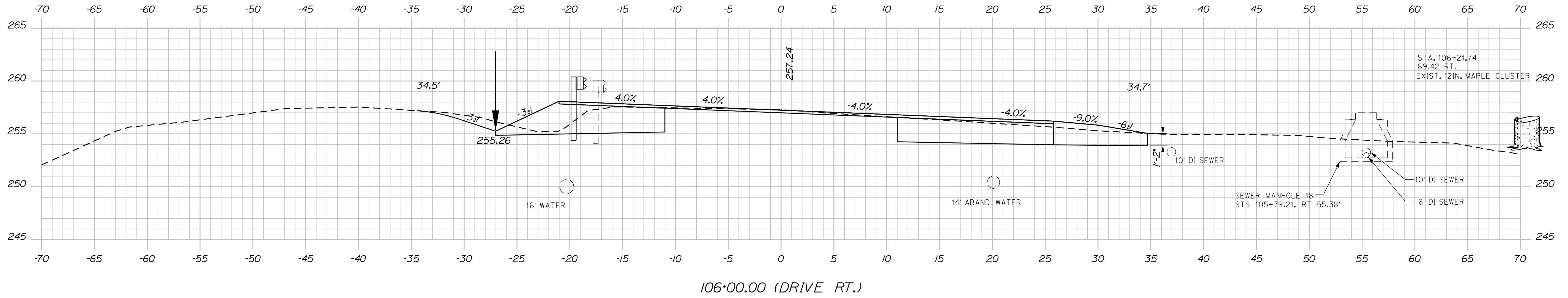
SHEET NUMBER
 14
 OF 31

Date: 3/5/2021

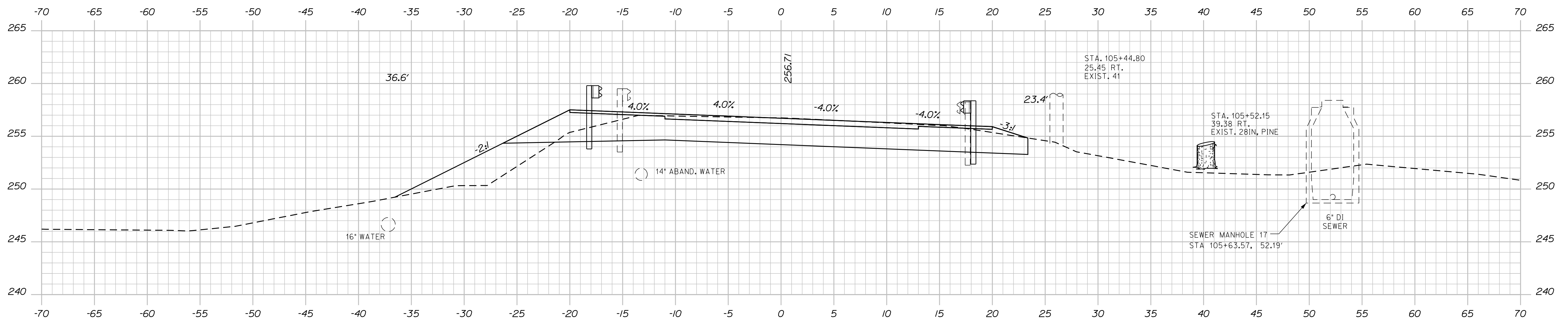
Username: 1151

Division: HIGHWAY

Filename: ... \MST\A015_XSECT_105+50_006.dgn



106+00.00 (DRIVE RT.)



105+50.00

WATERLINE DISCLAIMER:

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02165701

WIN

BRIDGE NO. 3726

021657.01

BRIDGE PLANS

SIGNATURE

P.E. NUMBER

DATE

DATE

10/2019

BY

Mark Parlin

C. Olmstead

P. Luftholtz

P. Perkins

DESIGN-REVIEWED

DESIGN-REVIEWED

DESIGN-REVIEWED

DESIGN-REVIEWED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

ANSON

SOMERSET

GILMAN BROOK

ICE HOUSE BRIDGE

CROSS SECTIONS

SHEET NUMBER

15

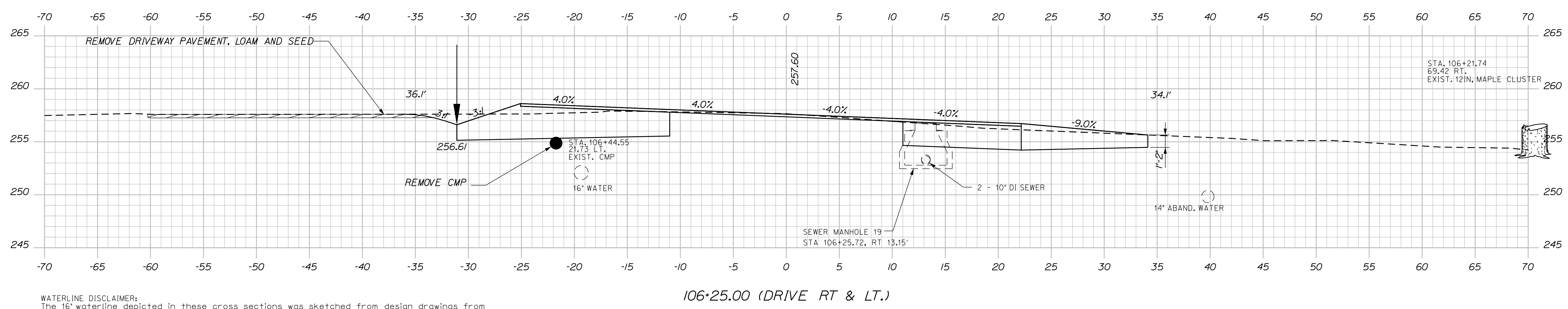
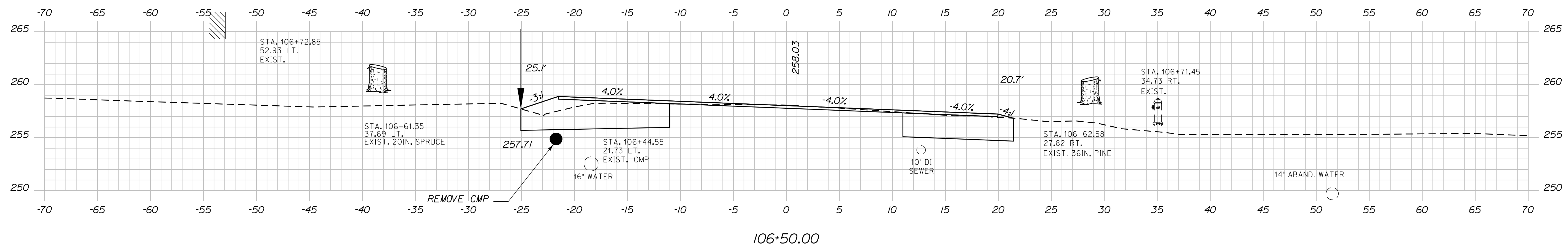
OF 31

Date: 3/5/2021

Username: 1151

Division: HIGHWAY

Filename: ... \MST\A016_XSECT_106+25_007.dgn



WATERLINE DISCLAIMER:
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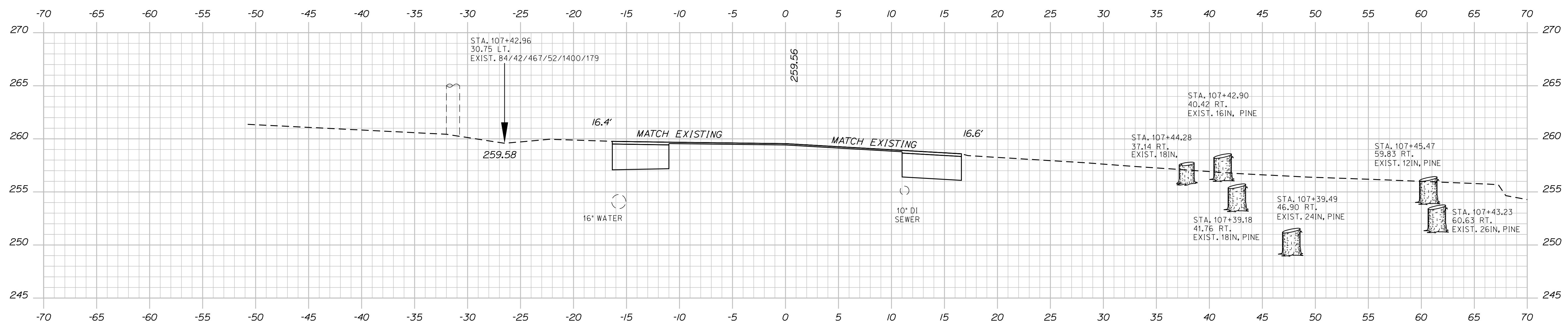
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		02165701	
ICE HOUSE BRIDGE GILMAN BROOK		WIN 021657.01	
ANSON		BRIDGE NO. 3726	
SOMERSET		BRIDGE PLANS	
CROSS SECTIONS			
SHEET NUMBER			
16			
OF 31			

Date: 3/5/2021

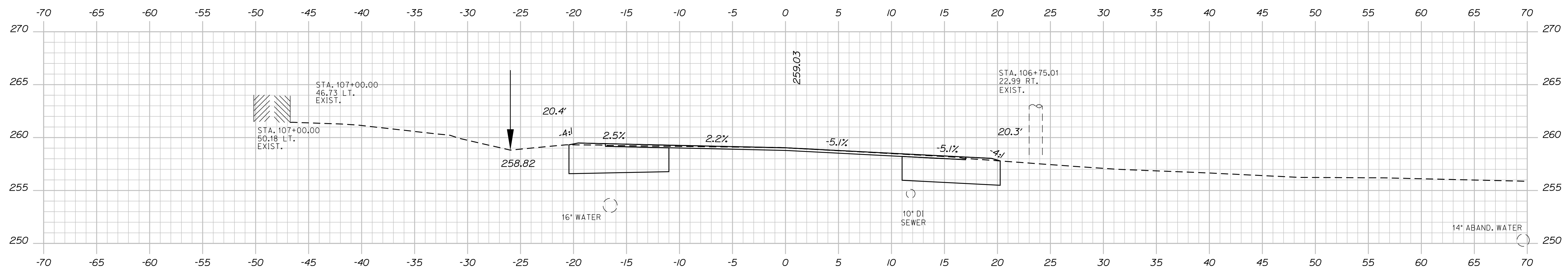
Username: 1151

Division: HIGHWAY

Filename: ... \MSTA017_XSECT_107+00_008.dgn



107+25.00



107+00.00

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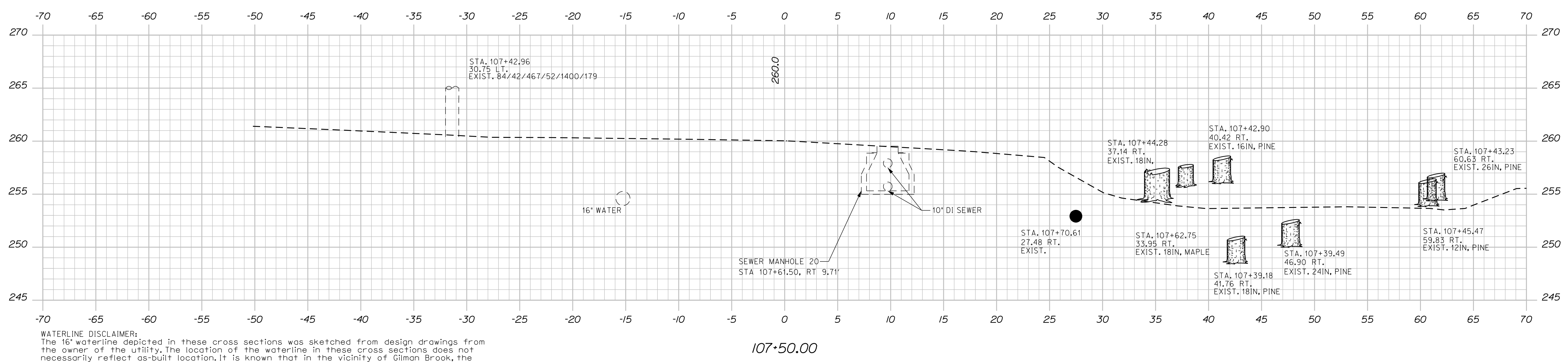
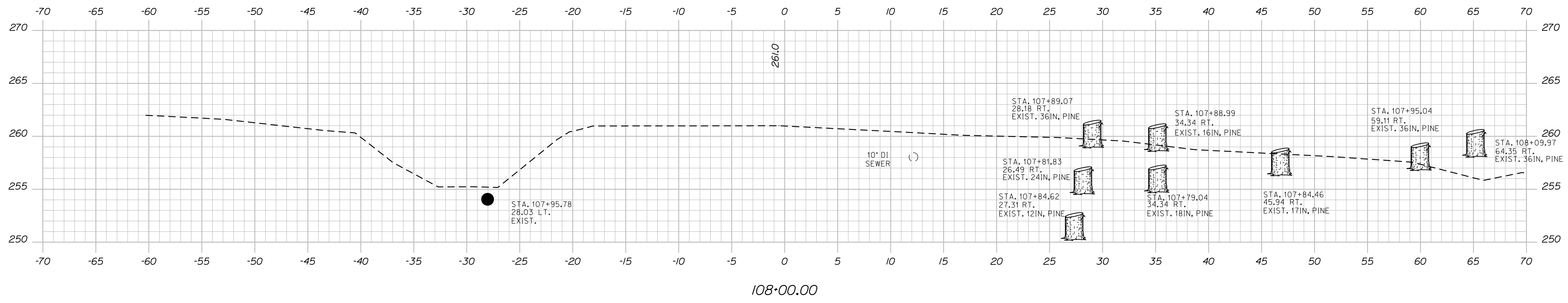
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		02165701	WIN 021657.01	BRIDGE NO. 3726 BRIDGE PLANS
ICE HOUSE BRIDGE GILMAN BROOK		SOMERSET		
ANSON		CROSS SECTIONS		
SHEET NUMBER		17		
		OF 31		

PROJ. MANAGER	Mark Parlin	DATE	10/2019	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	C. Olmstead	BY	P. Lushington			
CHECKED-REVIEWED	P. Perkins	DATE	3/2021			
DESIGNS-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

Date: 3/5/2021

Username: 1151

Filename: ... \MSTAN018_XSECT_107+50_009.dgn Division: HIGHWAY



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STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 02165701
 WIN
 021657.01
 BRIDGE NO. 3726
 BRIDGE PLANS

DATE: 10/2019
 BY: C. Olmstead, P. Lusk
 CHECKED: P. Perkins, P. Perkins
 DESIGN: P. Perkins, P. Perkins
 DESIGNED: P. Perkins, P. Perkins
 REVISIONS: 1, 2, 3, 4
 FIELD CHANGES

PROJ. MANAGER: Mark Parlin
 DESIGN-DETAILED: C. Olmstead
 CHECKED-REVIEWED: P. Perkins
 DESIGNED-DETAILED: P. Perkins
 REVISIONS: 1, 2, 3, 4
 FIELD CHANGES

ICE HOUSE BRIDGE
 GILMAN BROOK
 ANSON
 SOMERSET
 CROSS SECTIONS

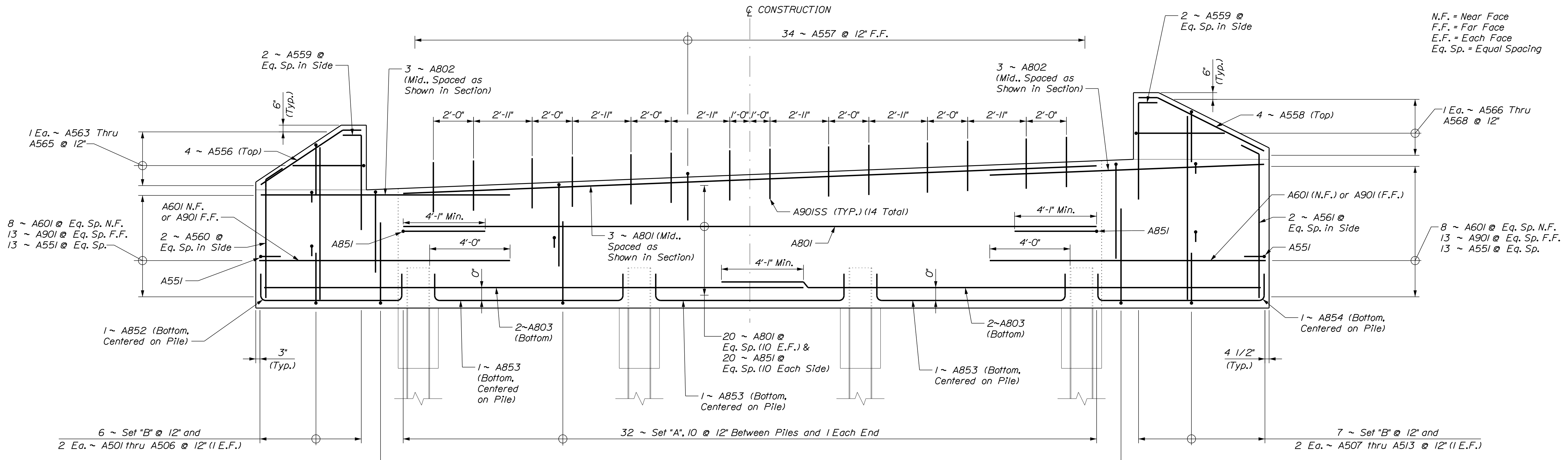
SHEET NUMBER
 18
 OF 31

Date: 3/5/2021

Username: 1151

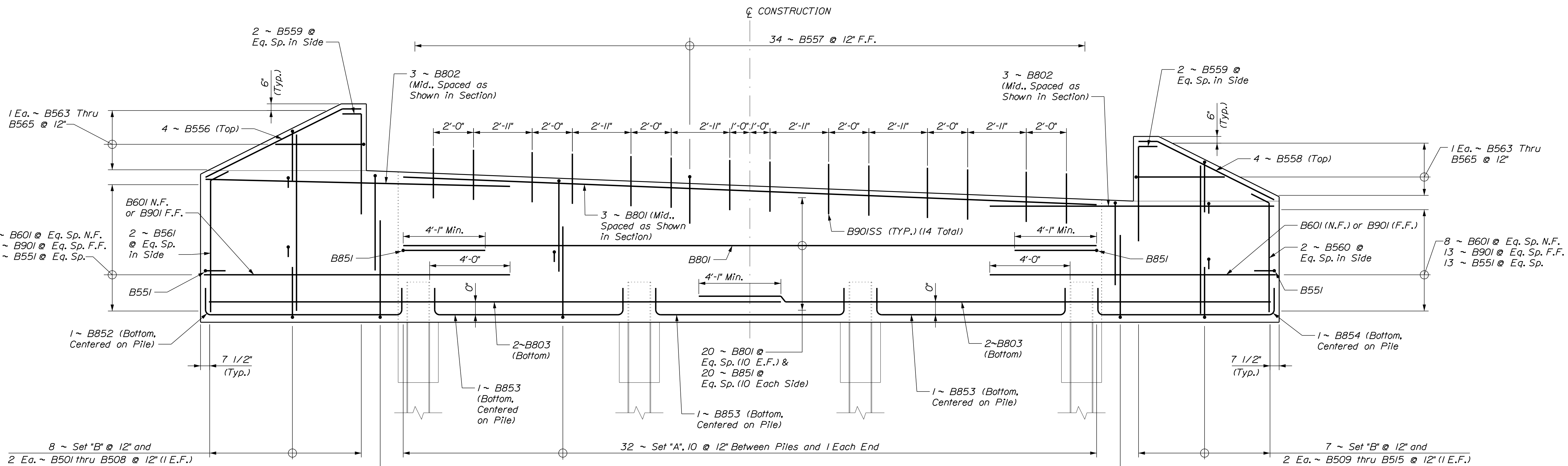
Division: HIGHWAY

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ABUTMENT NO. 1 REINFORCING ELEVATION

Set "A" = 2 ~ A552, 1 ~ A553
Set "B" = 2 ~ A554, 2 ~ A555



ABUTMENT NO. 2 REINFORCING ELEVATION

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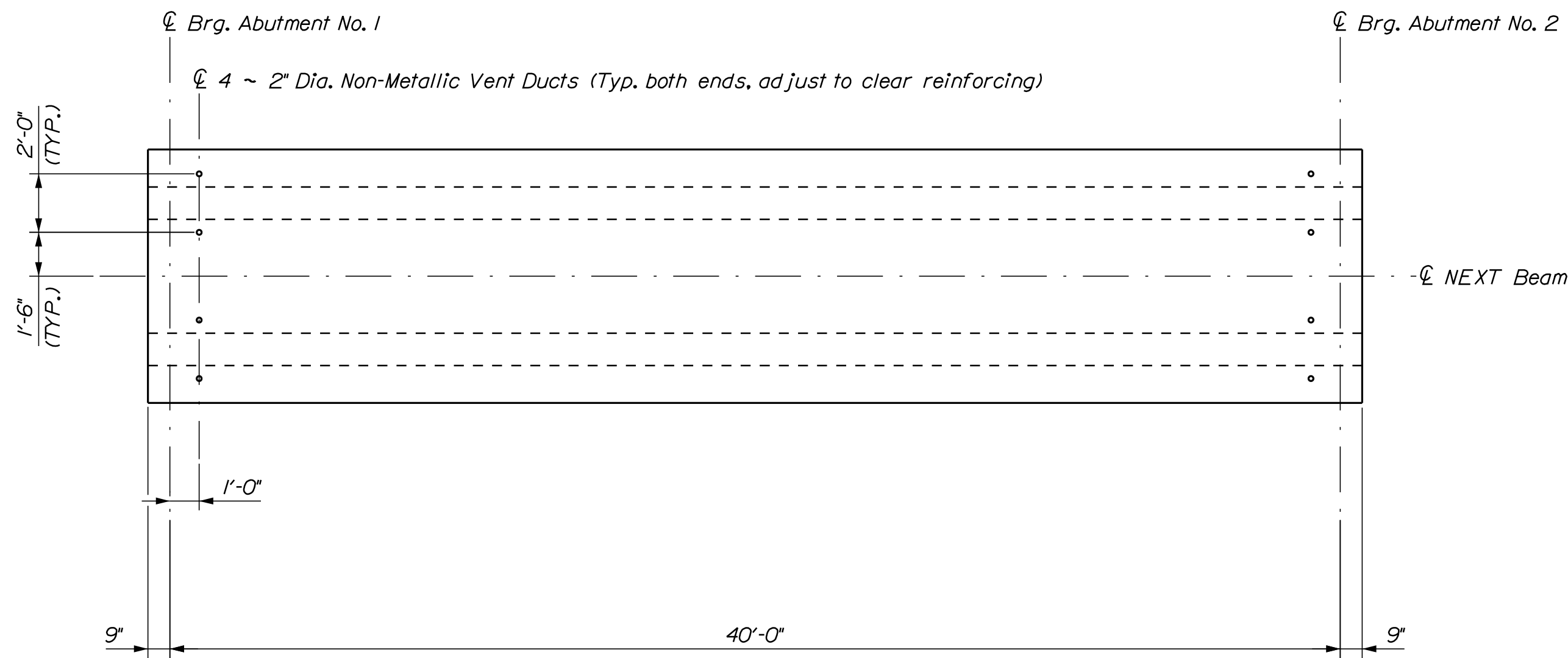
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		02165701		WIN		021657.01	
ICE HOUSE BRIDGE		GILMAN BROOK		SOMERSET		ANSON		BRIDGE NO. 3726	
ABUTMENT REINFORCING		SHEET NUMBER		21		OF 31		BRIDGE PLANS	
PROJ. MANAGER	Mark Parlin	DESIGN-DETAILED	C. Olmstead	CHECKED-REVIEWED	P. Lestari	DESIGN-DETAILED	P. Perkins	REVISIONS 1	
DATE	10/2019	DATE	3/2021	SIGNATURE		P.E. NUMBER		DATE	

Date: 3/5/2021

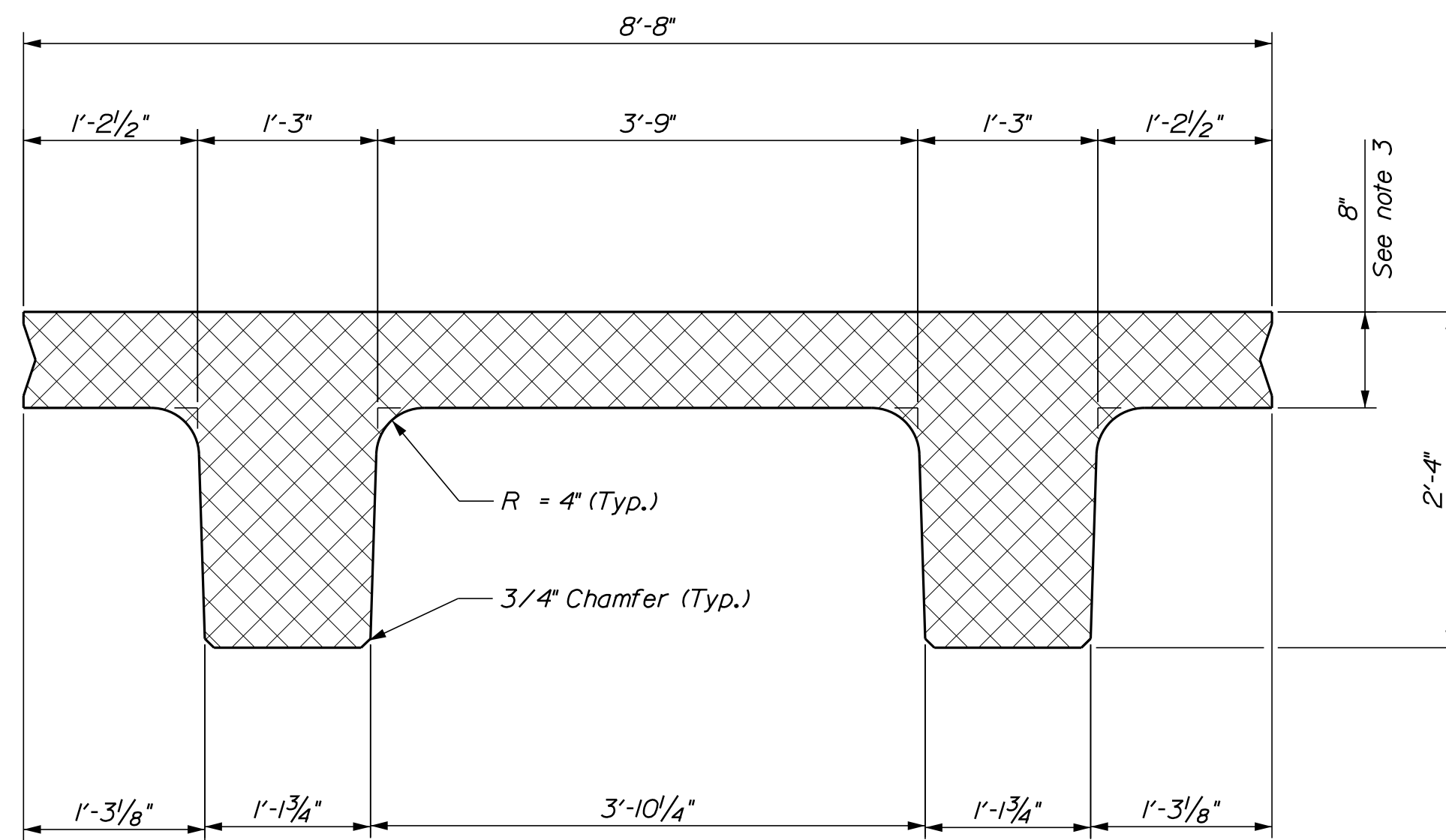
Username: 1151

Division: HIGHWAY

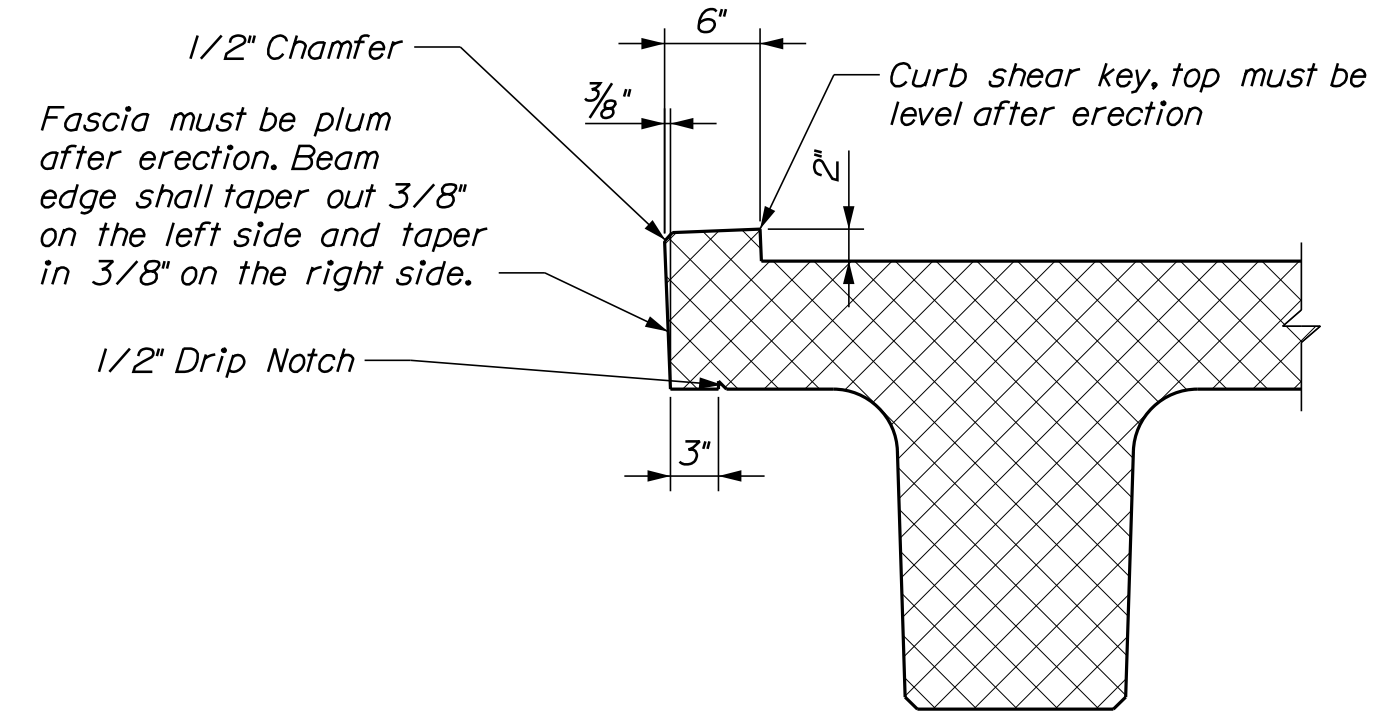
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NEXT 28 D BEAM PLAN



NEXT 28 D BEAM SECTION



FASCIA OVERHANG DETAIL

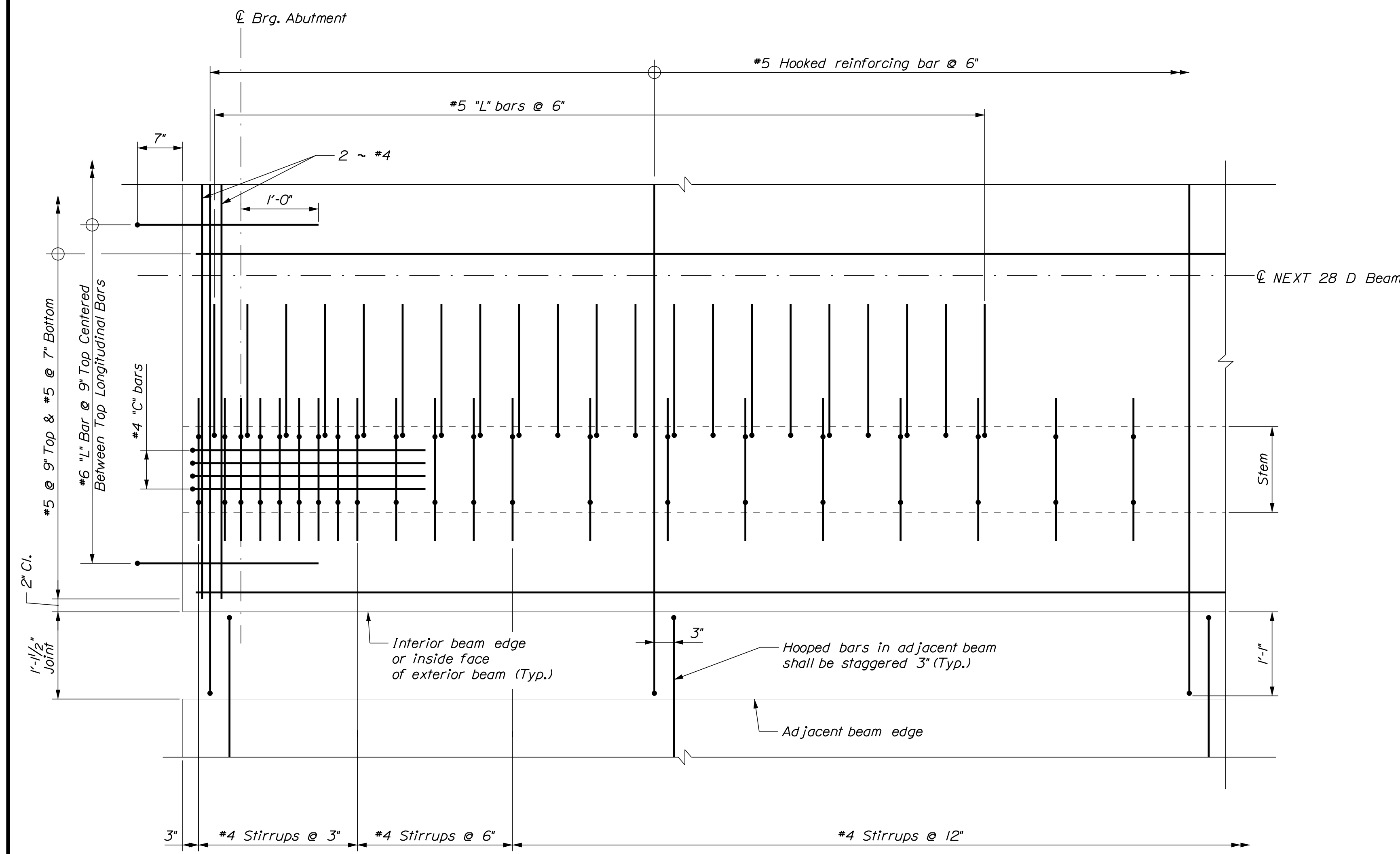
PRECAST CONCRETE SUPERSTRUCTURE NOTES

- NEXT D Beams are a non-proprietary shape developed by PCI NORTHEAST (PCINE). Standardized section properties and details may be found at <http://www.pcine.org>.
- The estimated camber at release was 0.469 inches and the estimated camber at erection is 0.834 inches. The estimated deflection from superimposed loads is 0.073 inches at mid span. Camber shall be measured before finalizing bridge seat elevations in accordance with Special Provision Section 535. Depending on actual camber growth, the estimate of camber at erection may no longer be applicable.
- The slab thickness shall be varied parabolically from 8" at midspan to 9" at bearings to compensate for camber and roadway profile.
- Prestressing strands shall be 0.6-in. diameter. The tensioning force is 44 kips per prestressing strand, including the top strands.
- Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.
- Install 2-in. diameter nonmetallic vent ducts in the beam flange at both ends, see beam plan.
- Do not drill holes or use powder actuated tools on the prestressed beams without the approval of the Fabrication Engineer.
- Neoprene pads shall be either polychloroprene or natural polyisoprene of 50 ± 5 Shore A durometer hardness, and shall conform to the requirements of Division 2, Section 18.2 of AASHTO Standard Specifications for Highway Bridges. Neoprene pads will not be paid for directly but will be considered incidental to related Contract items.
- A maximum of 50% of the strands in the bottom 3 rows may be debonded 6 inches from the end of the beam. All 4 top row strands shall be fully bonded.
- The reinforcing may be adjusted to facilitate the installation around the stirrups.
- Lifting loops and temporary storage/shipping dunnage shall be a maximum of 2 feet from each beam end.
- All reinforcing steel for precast NEXT Beams shall be Stainless Steel ASTM A955 Grade 75.
- Keyways for closure pours shall be cast using a concrete surface retarder and power washed with water in order to produce an exposed aggregate surface finish. The set retarder shall be used in accordance with the manufacturer's recommendations.
- The top of the precast NEXT beams shall have a float finish per Standard Specification Section 535.
- All metallic inserts in the top flange, including lifting devices, shall be stainless steel.
- Neoprene Pad seams perpendicular to the centerline of bearing will be allowed, provided that the seams are located approximately half way between NEXT Beam stems.

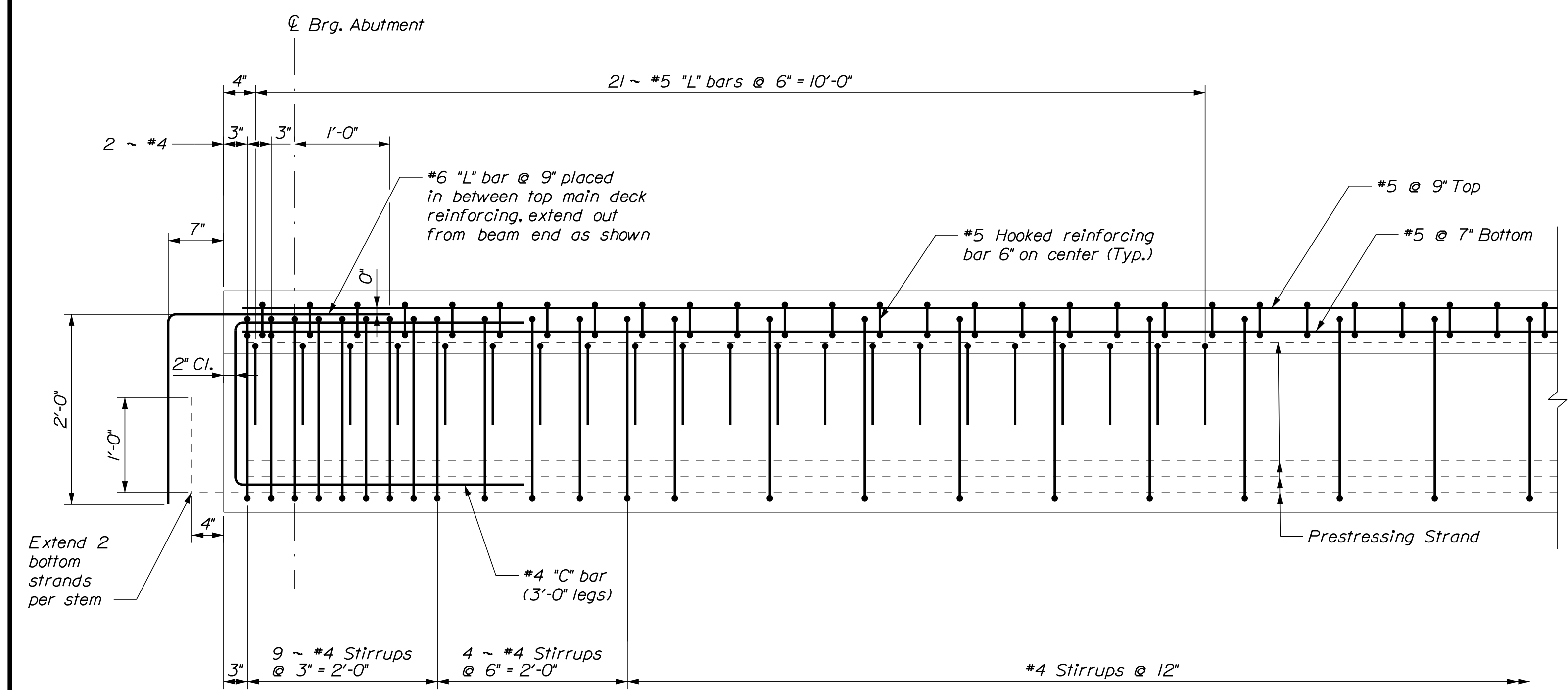
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		02165701		WIN		021657.01		BRIDGE NO. 3726		BRIDGE PLANS	
ICE HOUSE BRIDGE		GILMAN BROOK		SOMERSET		ANSON		PRECAST NEXT BEAM		PLAN AND ELEVATION		SHEET NUMBER	
DESIGN-DETAILED		C. Olmstead		DESIGNED-REVIEWED		P. Lestifort		DESIGNS-DETAILED		REVISIONS 1		REVISIONS 2	
CHECKED		P. Lestifort		DESIGNED		P. Perkins		REVISIONS 3		REVISIONS 4		FIELD CHANGES	
DATE		10/2019		DATE		3/2021		SIGNATURE		P.E. NUMBER		DATE	
BY		P. Lestifort		BY		P. Perkins		DATE		DATE		DATE	
MARK		P. Lestifort		MARK		P. Perkins		DATE		DATE		DATE	
PROJ. MANAGER		C. Olmstead		PROJ. MANAGER		P. Perkins		DATE		DATE		DATE	

23

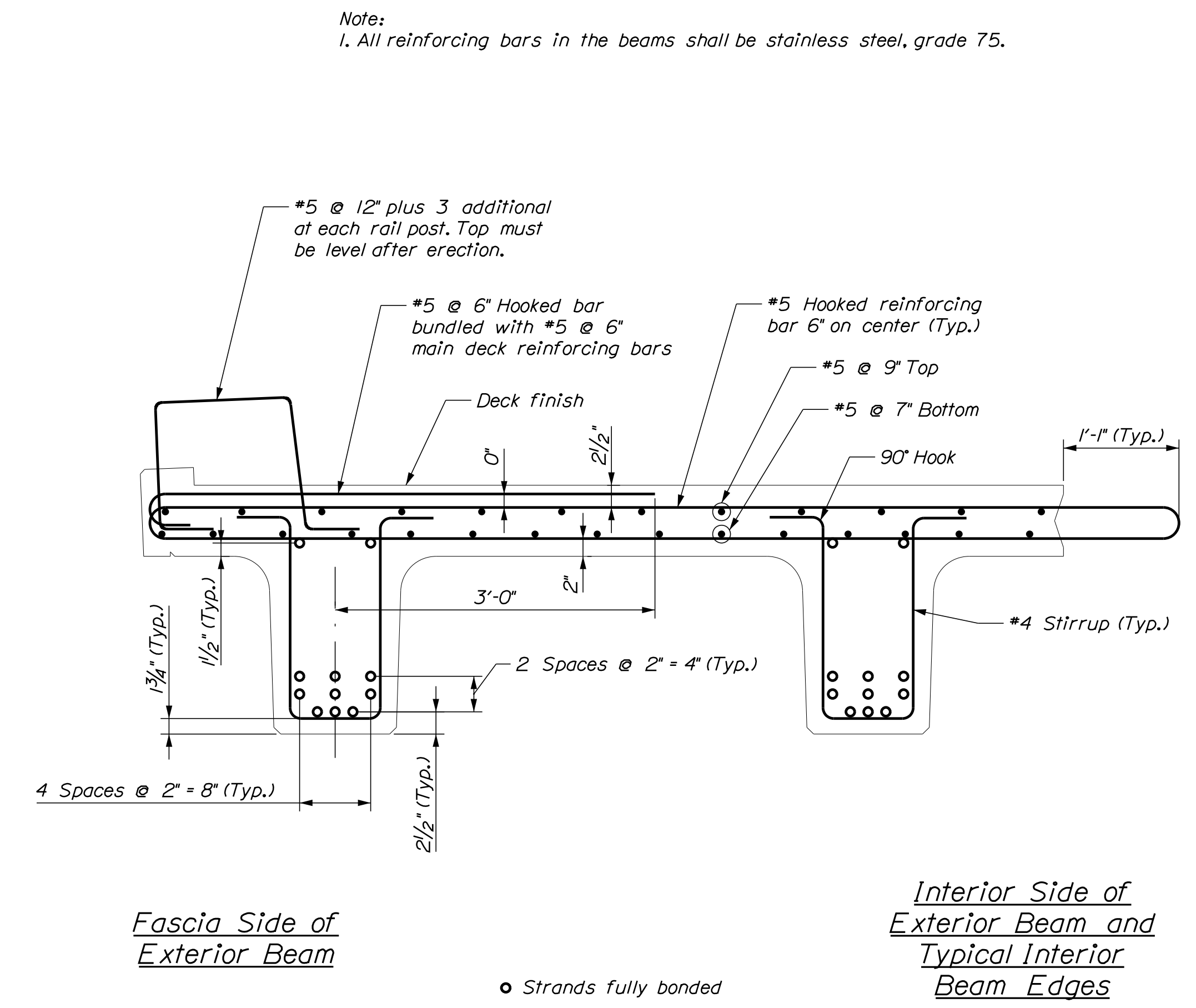
OF 31



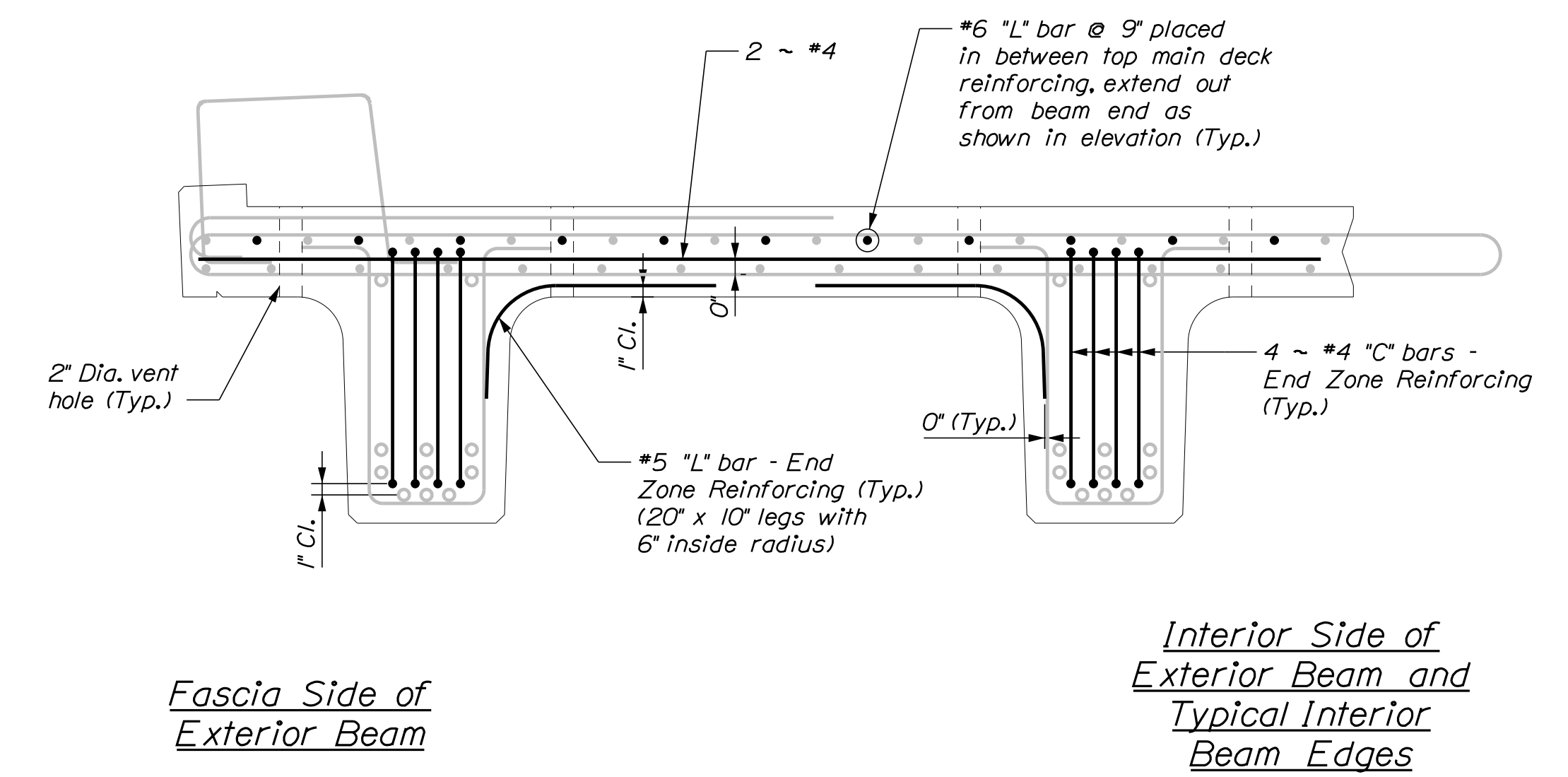
NEXT 28 D BEAM PART REINFORCING PLAN
 Prestressing Strands, fascia curb bars, and overhang hooked bars not shown for clarity



NEXT 28 D BEAM PART REINFORCING ELEVATION
 Fascia curb bars and overhang hooked bars not shown for clarity



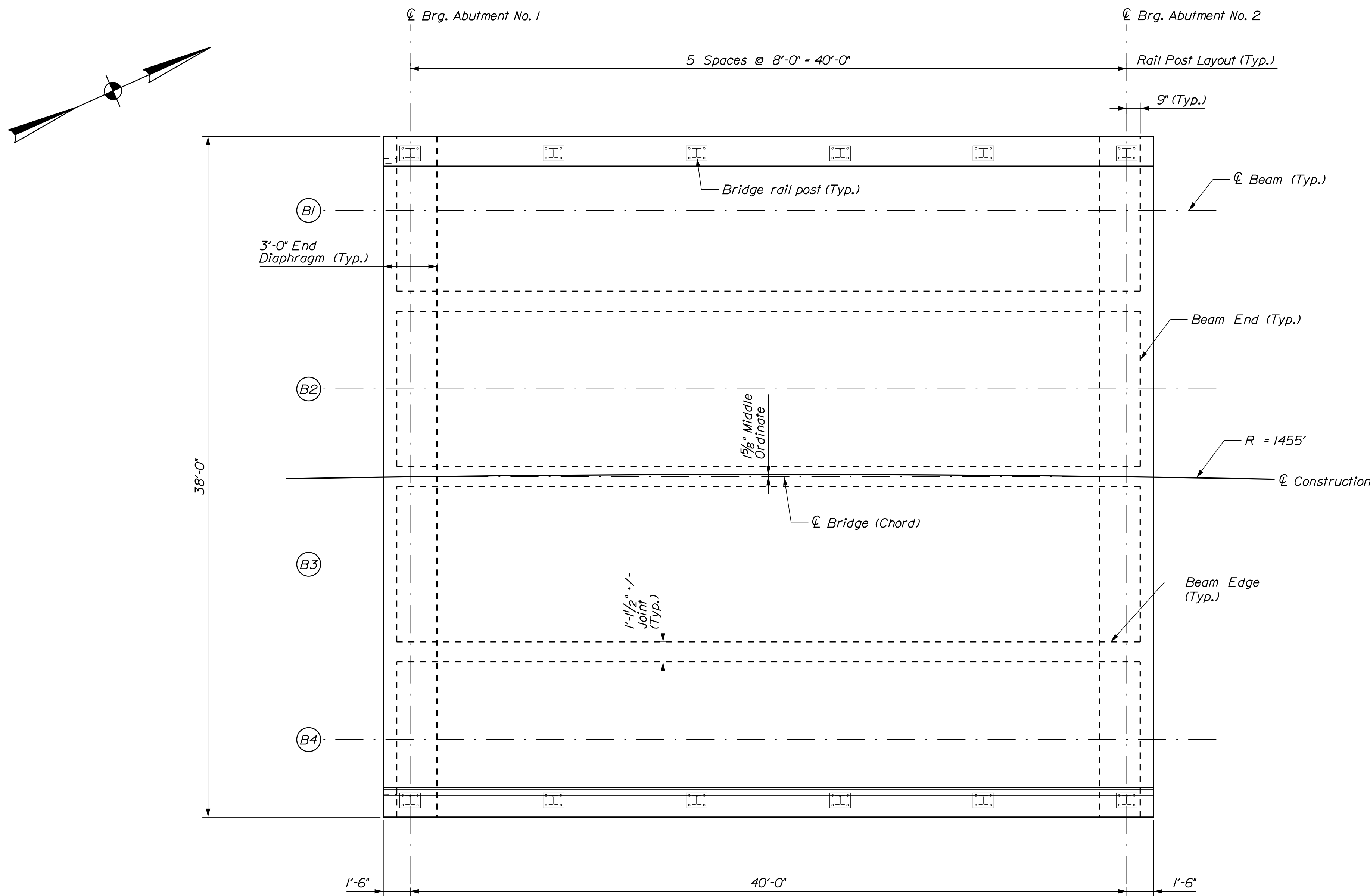
NEXT 28 D BEAM TYPICAL REINFORCING SECTION



NEXT 28 D BEAM TYPICAL ADDITIONAL END REINFORCING SECTION

Note:
 1. All reinforcing bars in the beams shall be stainless steel, grade 75.

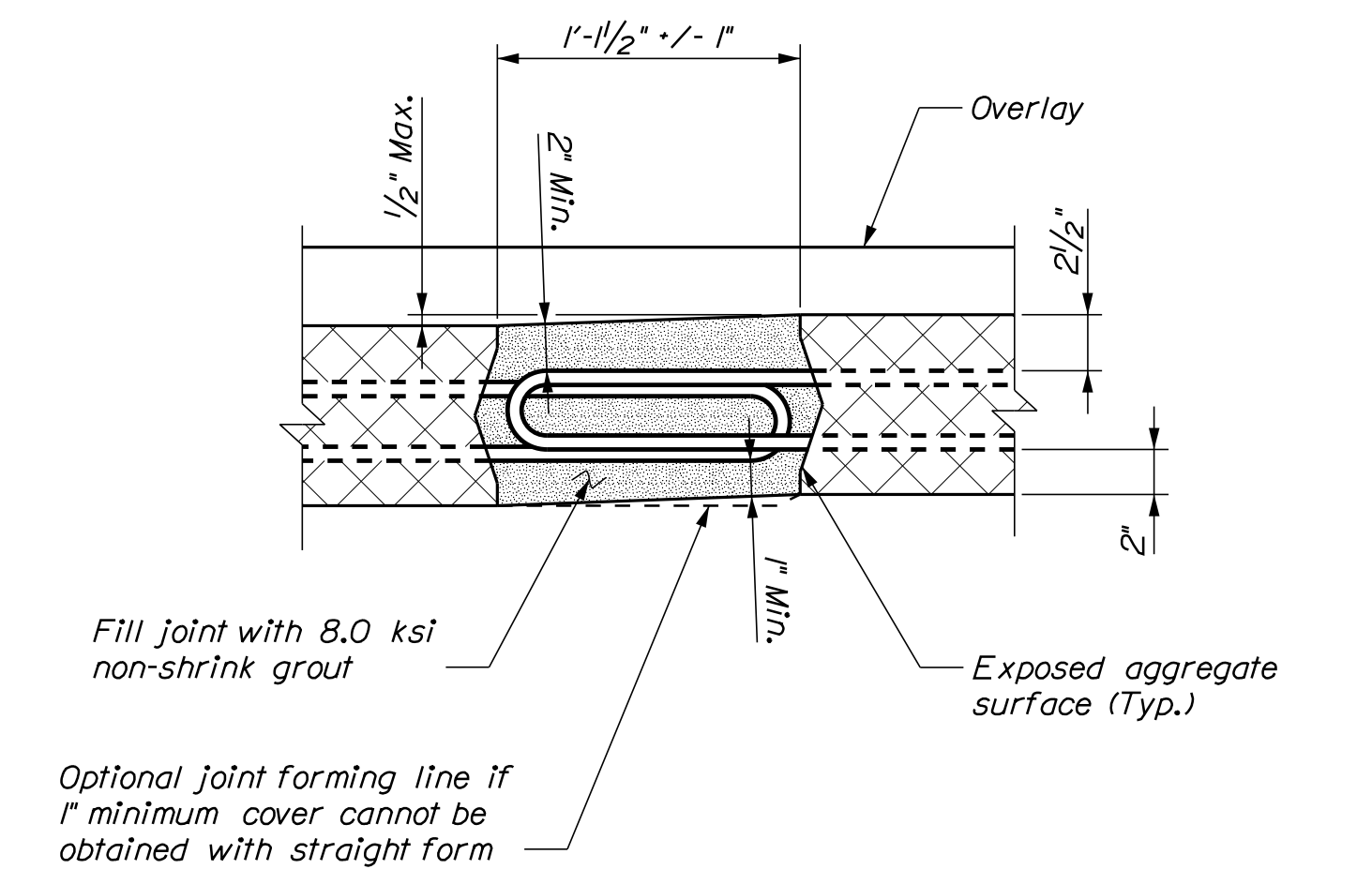
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		02165701		BRIDGE NO. 3726		BRIDGE PLANS	
PROJECT: ICE HOUSE BRIDGE GILMAN BROOK		SOMERSET		ANSON		SHEET NUMBER	
PRECAST NEXT BEAM DETAILS		24		OF 31		WIN 021657.01	
PROJ. MANAGER	Mark Parlin	BY	P. Lestari	DATE	10/2019	SIGNATURE	
DESIGN-DETAILED	C. Olmstead	CHECKED-REVIEWED	P. Perkins	DATE	3/2021	P.E. NUMBER	
DESIGNS-DETAILED		DESIGNS-DETAILED		DATE		DATE	
REVISIONS 1		REVISIONS 1					
REVISIONS 2		REVISIONS 2					
REVISIONS 3		REVISIONS 3					
REVISIONS 4		REVISIONS 4					
FIELD CHANGES		FIELD CHANGES					



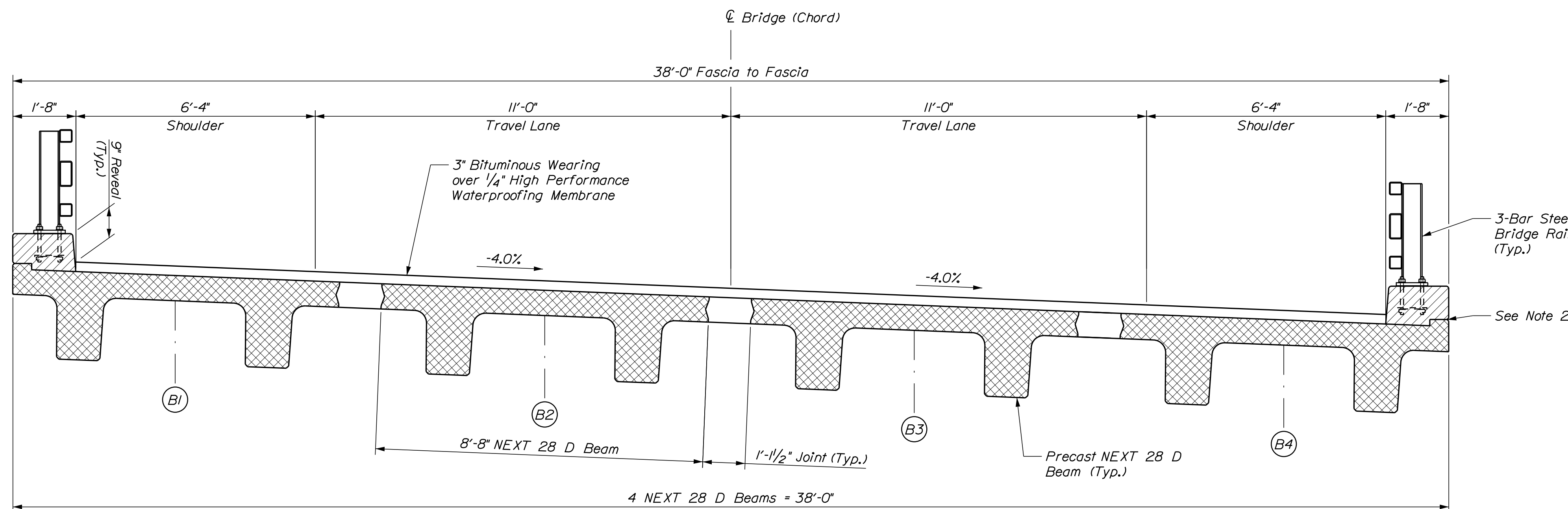
SUPERSTRUCTURE PLAN

SUPERSTRUCTURE NOTES

1. The method of forming the closure pour flange connections shall be determined by the Contractor. The forms shall be removable and able to accommodate differential camber. Form supports shall not penetrate through the top of pour or NEXT beam unless approved by the Fabrication Engineer.
2. Form a one inch V-groove on the fascias at the horizontal joint between the curb and beam.
3. Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.
4. The NEXT beam flange closure pours shall be completed prior to placing the end diaphragm concrete.
5. Payment for NEXT Beam flange closure pours will be made under Item 502.492. Limits of grout will be the full length of beams.
6. Payment for end diaphragm concrete will be made under Item No. 502.219 Structural Concrete, Abutments and Retaining Walls.
7. The bridging plate specified in Section 520 for the Asphaltic Plug Joint is not required for this project.



NEXT D BEAM CAMBER JOINT DIFFERENTIAL DETAIL



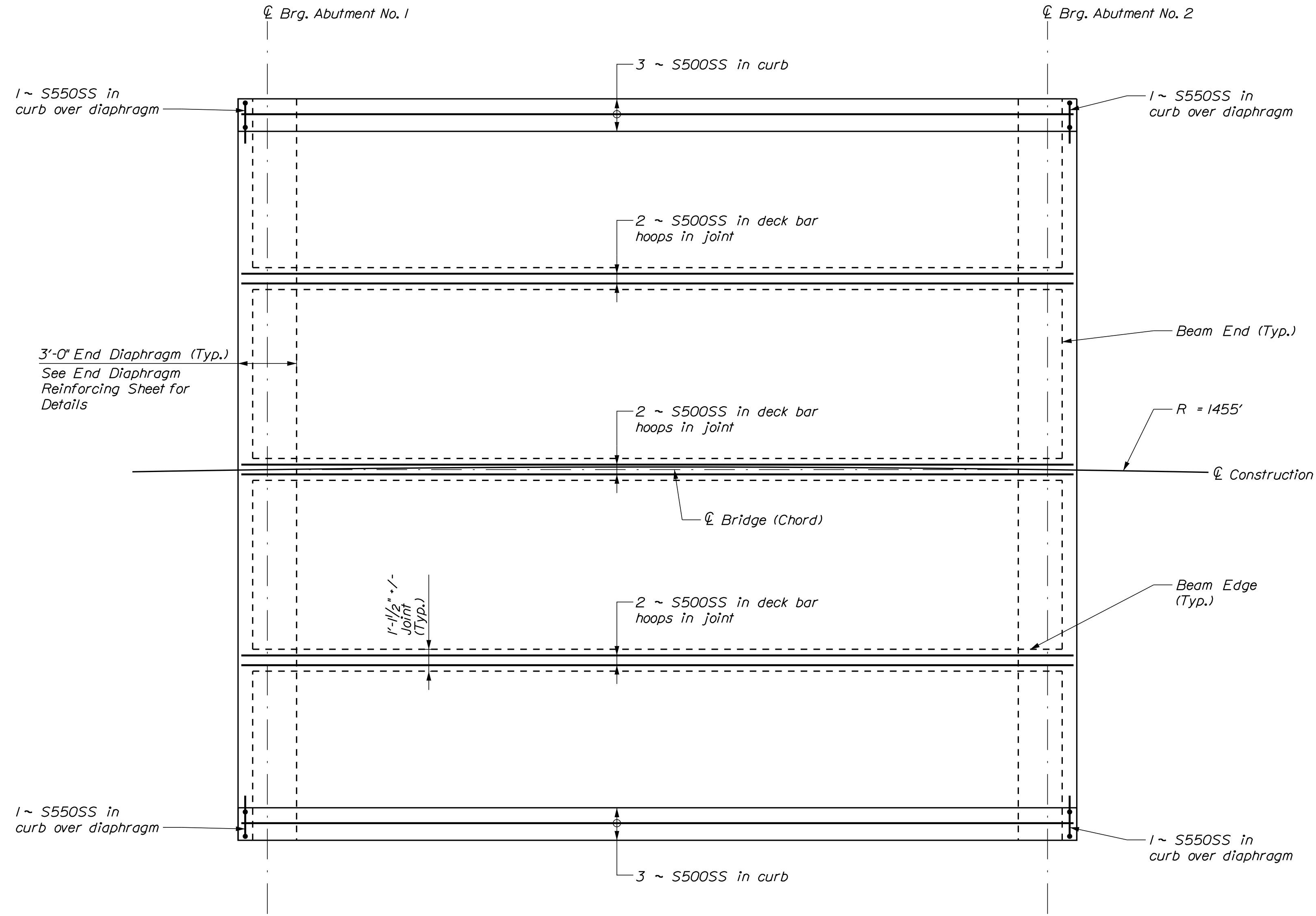
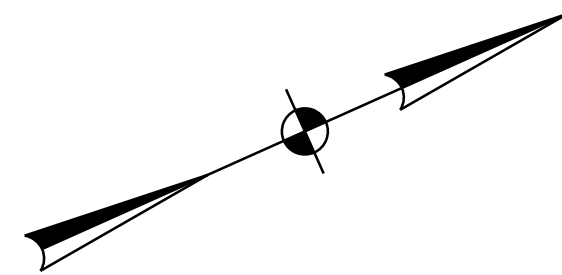
TRANSVERSE SECTION

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	02165701	WIN	021657.01
ICE HOUSE BRIDGE GILMAN BROOK		BRIDGE NO. 3726	
ANSON		BRIDGE PLANS	

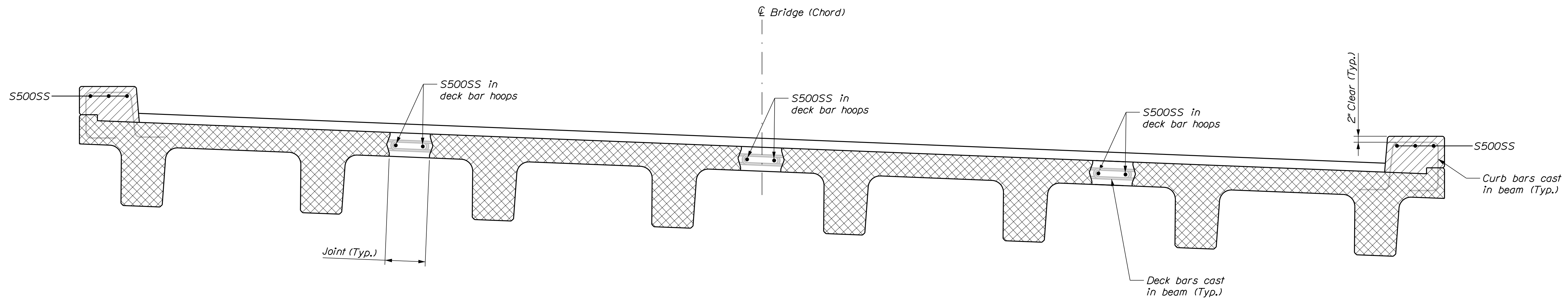
PROJ. MANAGER	Mark Parlin	BY	DATE
DESIGN-DETAILED	C. Olmstead	P. Lusitani	10/2019
CHECKED-REVIEWED	P. Lusitani	P. Perkins	3/2021
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SOMERSET	SIGNATURE	P.E. NUMBER	DATE
SUPERSTRUCTURE PLAN			

SHEET NUMBER	25
OF 31	



SUPERSTRUCTURE REINFORCING PLAN



TRANSVERSE REINFORCING SECTION

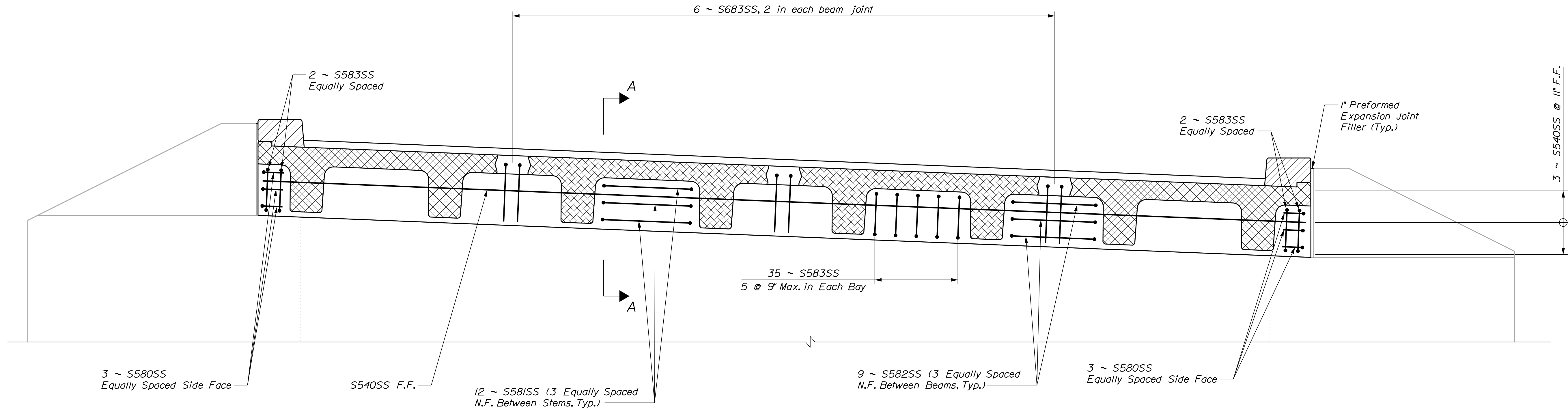
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
02165701
WIN
021657.01
BRIDGE NO. 3726
BRIDGE PLANS

DESIGNED	C. Olmstead	DATE	10/2019
CHECKED	P. Lusk	DATE	3/2021
DESIGNED	P. Perkins	SIGNATURE	
DESIGNED	P. Perkins	P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

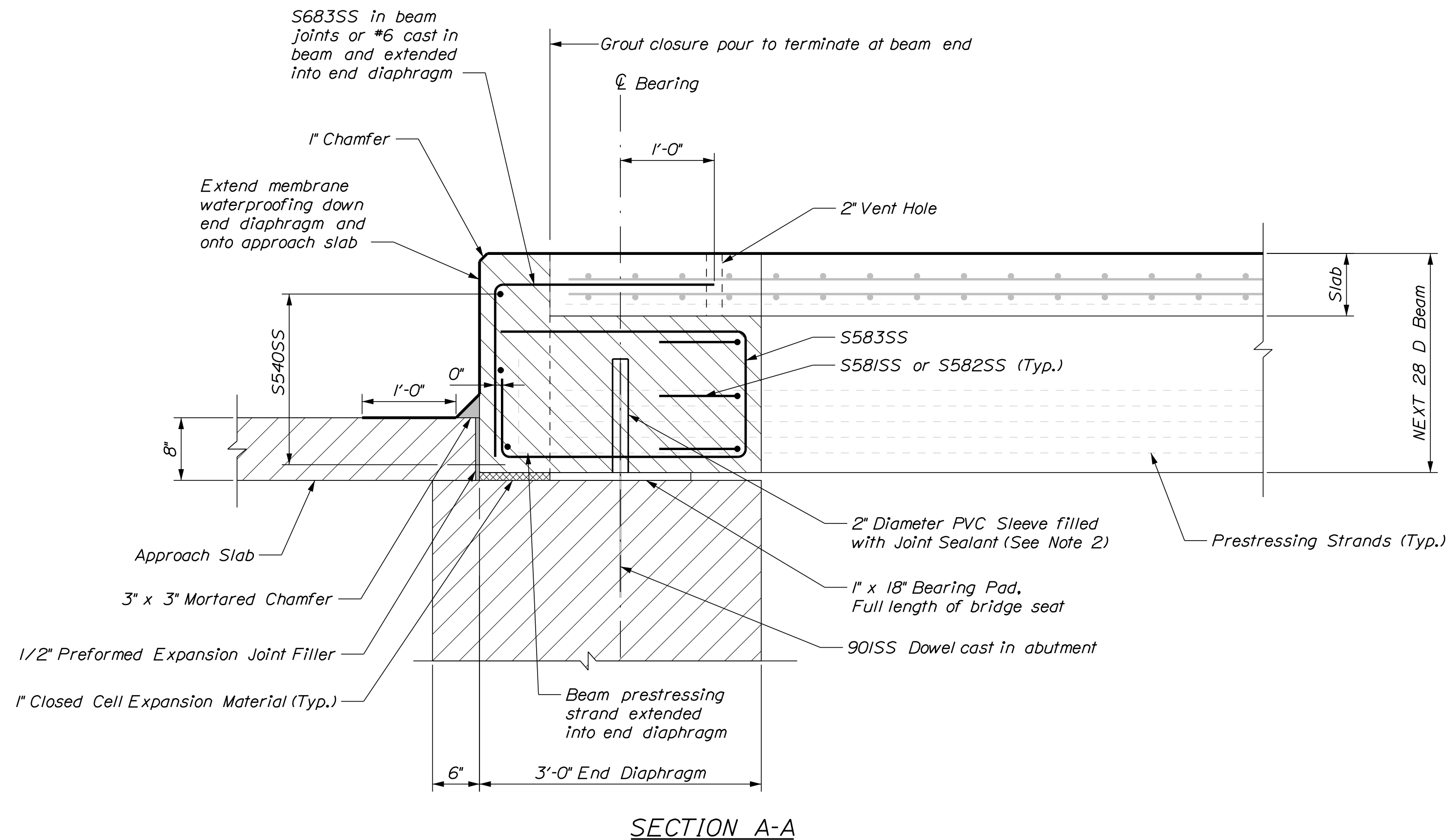
PROJ. MANAGER	Mark Parlin	BY	P. Perkins
DESIGNED	C. Olmstead	DATE	10/2019
CHECKED	P. Lusk	DATE	3/2021
DESIGNED	P. Perkins	SIGNATURE	
DESIGNED	P. Perkins	P.E. NUMBER	
REVISIONS 1		DATE	
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ICE HOUSE BRIDGE
GILMAN BROOK
SOMERSET
ANSON
SUPERSTRUCTURE REINFORCING

SHEET NUMBER
26
OF 31



END DIAPHRAGM REINFORCEMENT ELEVATION
 Abutment No. 2 End Shown, Abutment No 1 End Opposite Hand



NOTES:

1. Payment for Preformed Expansion Joint Filler, closed cell foam, and mortared chamfer will not be made directly and shall be considered incidental to related Contract Items.

2. PVC sleeves shall be centered on the anchor dowels and the annular space filled with a joint sealant. The sealant shall be one of the polyurethane based products listed on the MaineDOT Qualified Products List of Pour-In-Place Joint Sealant. Payment for all labor and materials will not be made directly and will be considered incidental to related Contract Items.

PROJ. MANAGER	Mark Parlin	DATE	10/2019
DESIGN-DETAILED	C. Olmstead	BY	P. Lusitani
CHECKED-REVIEWED	P. Lusitani	DATE	3/2021
DESIGN-DETAILED	P. Perkins	SIGNATURE	
REVISIONS 1		P.E. NUMBER	
REVISIONS 2		DATE	
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ICE HOUSE BRIDGE	SOMERSET
GILMAN BROOK	
ANSON	
END DIAPHRAGM REINFORCING	

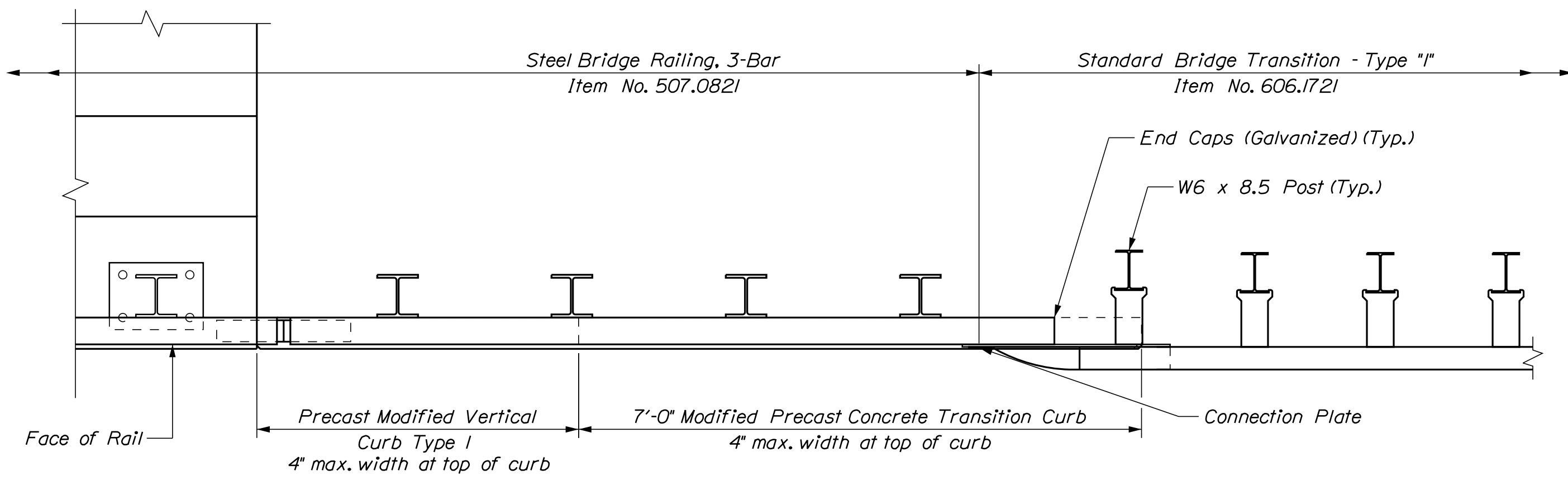
SHEET NUMBER	27
OF 31	

Date: 3/5/2021

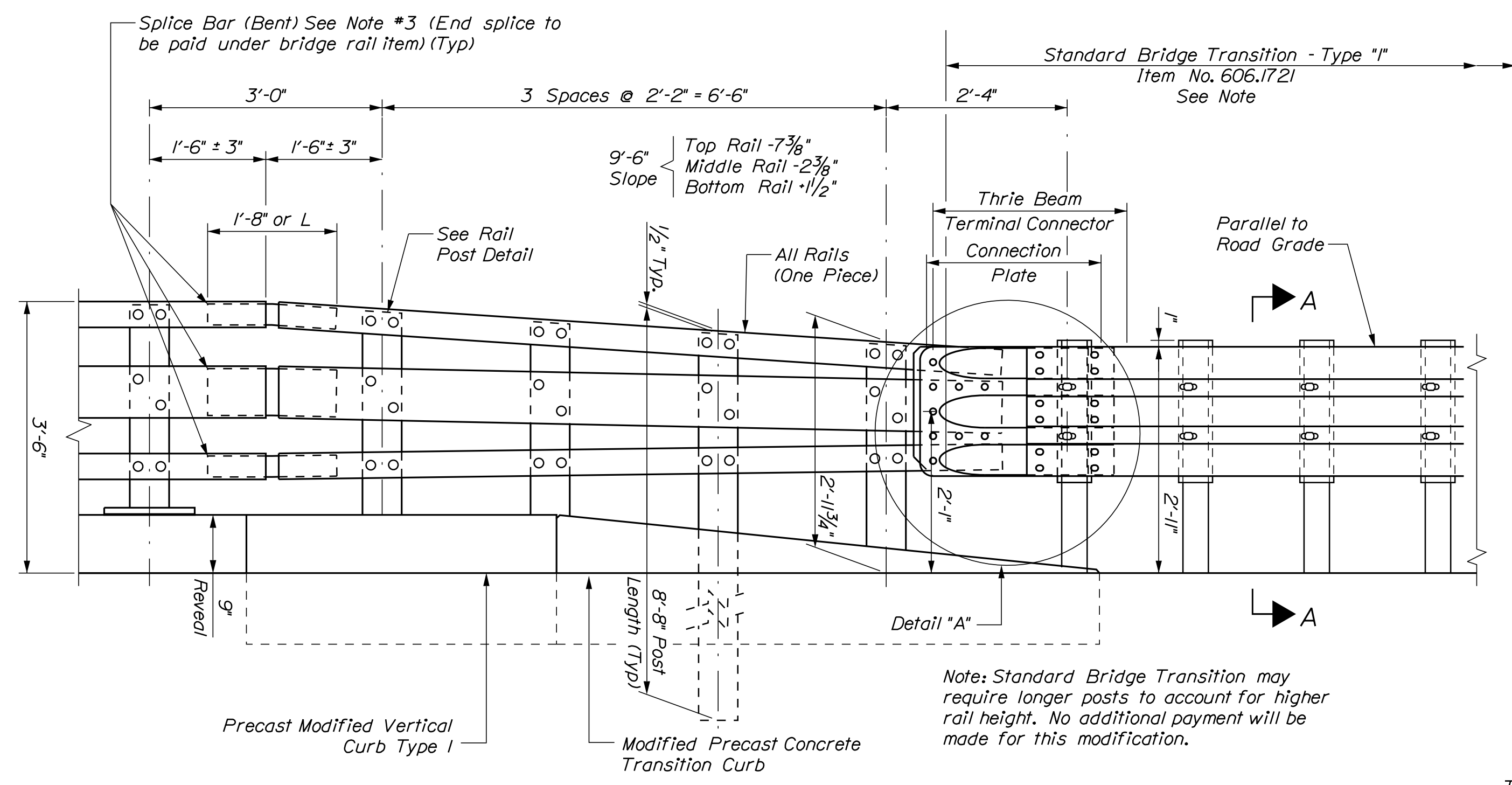
Username: 1151

Division: HIGHWAY

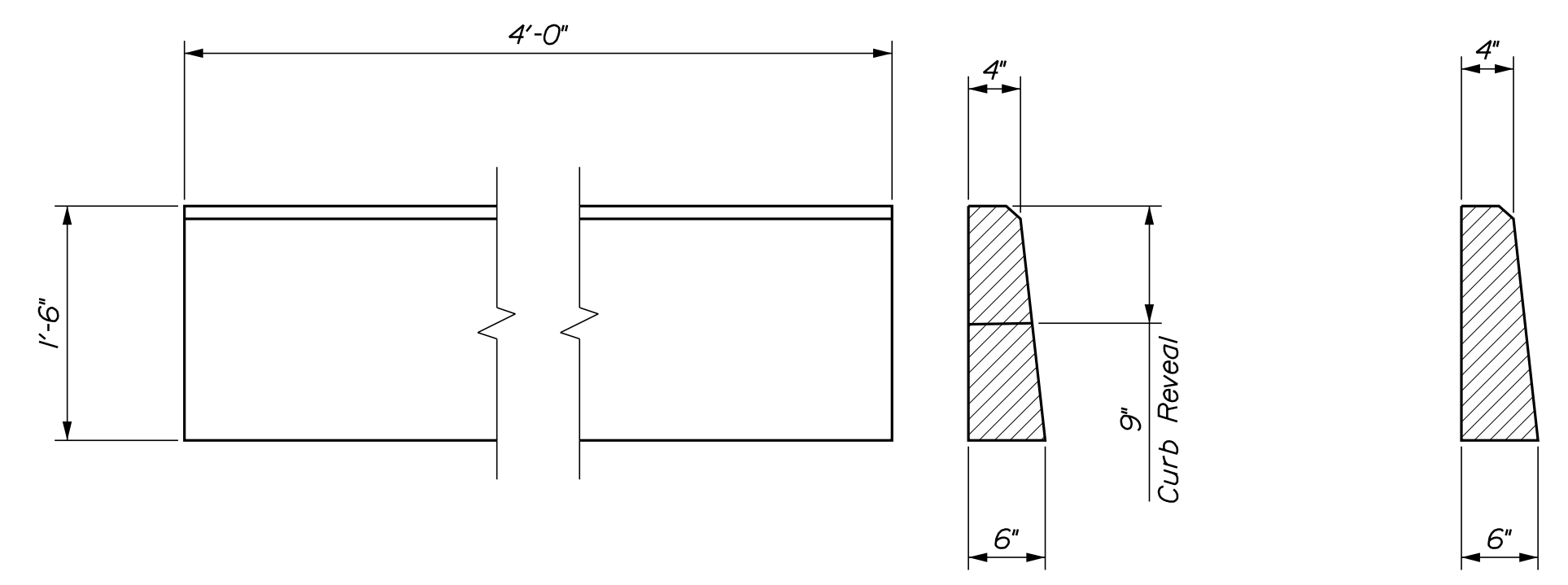
Filename: ... \028_Steel_Railing_3-Bar_MDOT.dgn



PLAN VIEW: STEEL BRIDGE RAILING, 3-BAR



ELEVATION VIEW- STEEL BRIDGE RAILING, 3-BAR

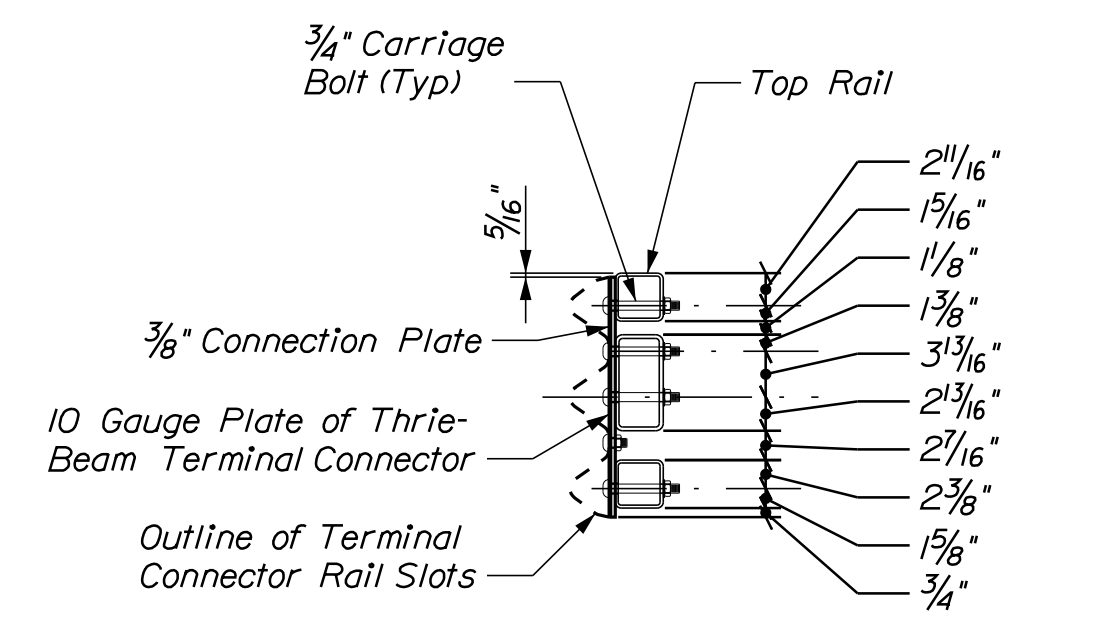


PRECAST MODIFIED VERTICAL CURB TYPE I

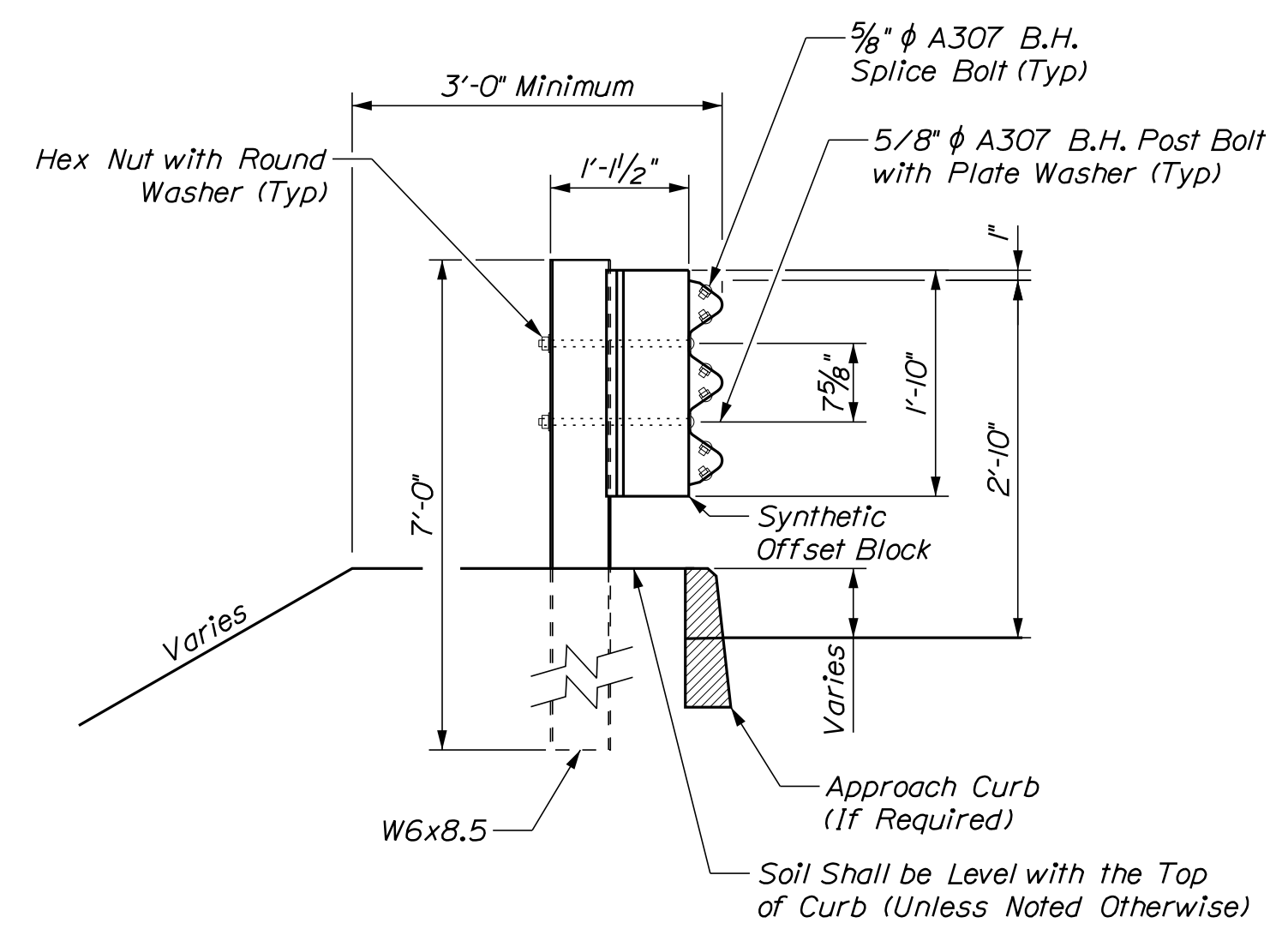
MODIFIED PRECAST CONCRETE TRANSITION CURB

NOTES

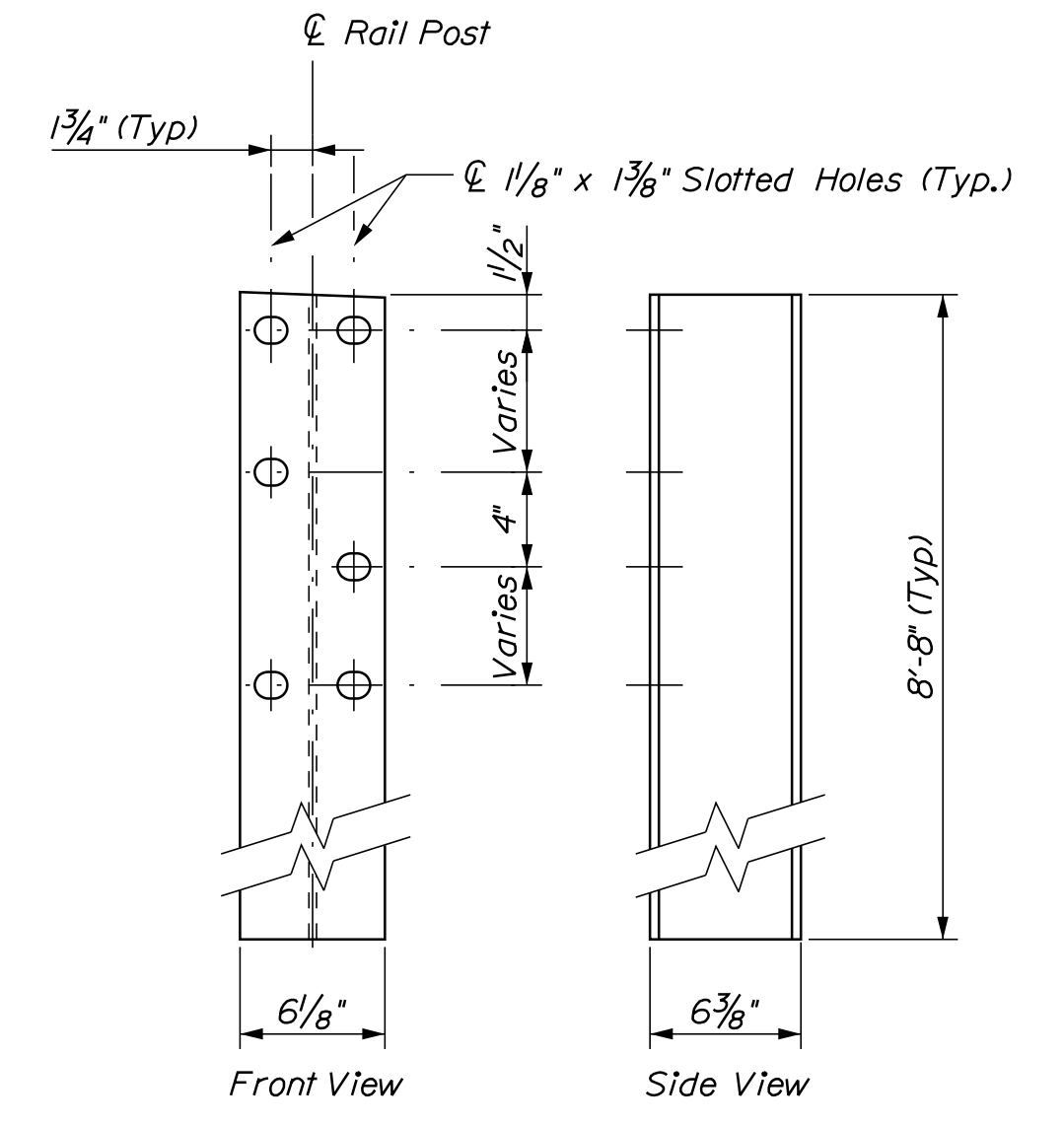
1. All bridge approach rail materials, dimensions, sizes, and notes shall be the same as those of the bridge rail, unless otherwise noted.
2. Carriage bolts shall be ASTM A307, and nuts shall be ASTM A563 Grade A or better (galvanized).
3. Weld splice bar to fit bend. Use complete joint penetration butt weld (B-U2).
4. Precast concrete curbs will not be paid for separately, but shall be considered incidental to other items.



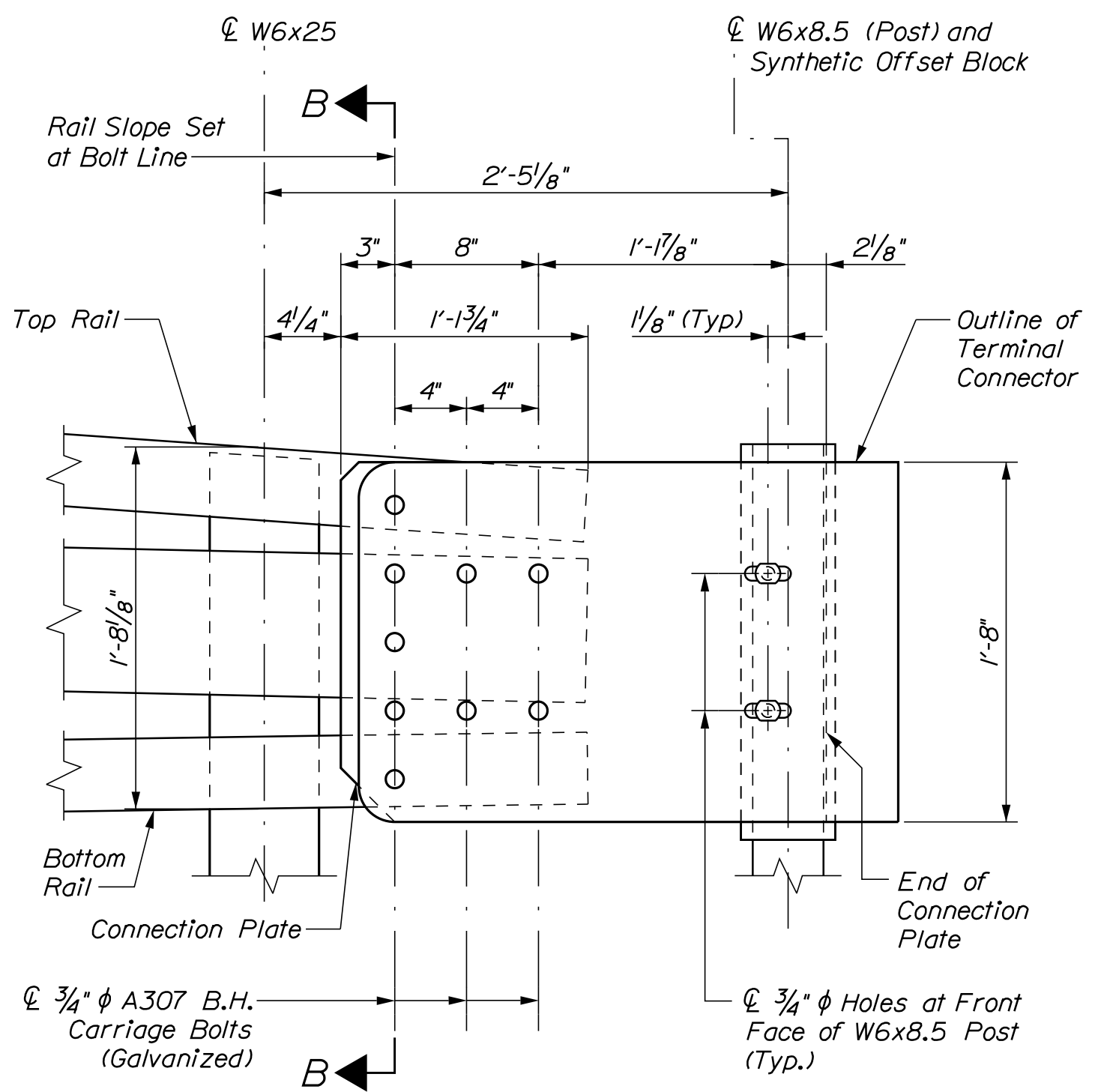
SECTION B-B (CONNECTION PLATE)



SECTION A-A (POST RAIL ASSEMBLY)

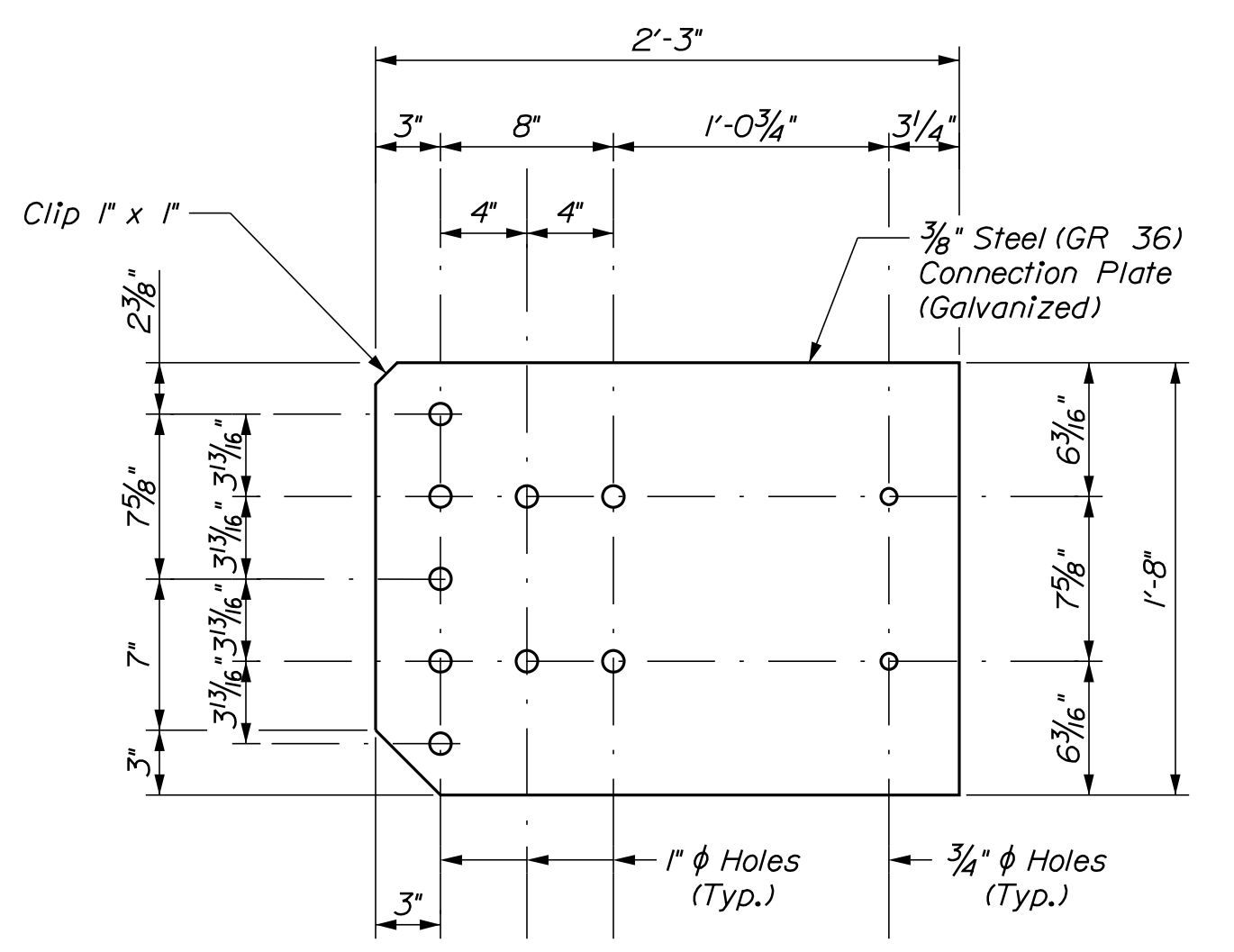


RAIL POST (W6x25)



DETAIL A

(Overlapping of Double Nested Thrie-Beam not Shown for Clarity)



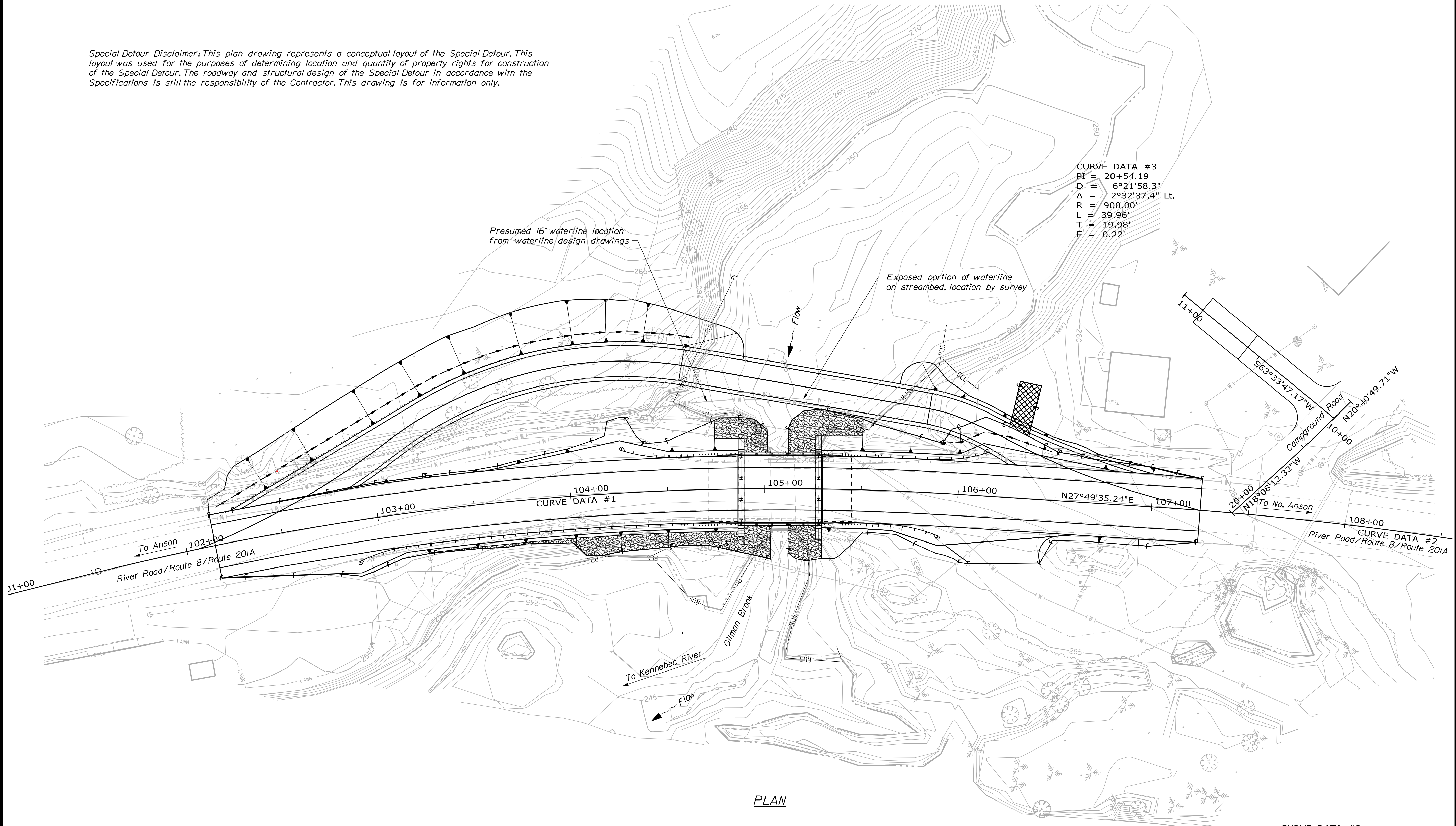
CONNECTION PLATE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		02165701		BRIDGE NO. 3726		WIN 021657.01		BRIDGE PLANS	
PROJ. MANAGER	Mark Parlin	BY	P. Lestari	DATE	10/2019	SIGNATURE		P.E. NUMBER	
DESIGN-DETAILED	C. Olmstead	CHECKED-REVIEWED	P. Lestari	DATE	3/2021	SIGNATURE		P.E. NUMBER	
DESIGN-DETAILED		DESIGN-DETAILED		REVISIONS 1				DATE	
				REVISIONS 2					
				REVISIONS 3					
				REVISIONS 4					
				FIELD CHANGES					

ICE HOUSE BRIDGE
GILMAN BROOK
SOMERSET
ANSON
STEEL APPROACH RAILING
3-BAR

SHEET NUMBER
28
OF 31

Special Detour Disclaimer: This plan drawing represents a conceptual layout of the Special Detour. This layout was used for the purposes of determining location and quantity of property rights for construction of the Special Detour. The roadway and structural design of the Special Detour in accordance with the Specifications is still the responsibility of the Contractor. This drawing is for information only.



CURVE DATA #1
 PI = 103+76.47
 D = 3°56'16.3"
 Δ = 17°57'17.7" Rt.
 R = 1455.00'
 L = 455.96'
 T = 229.86'
 E = 18.05'

CURVE DATA #3
 PI = 20+54.19
 D = 6°21'58.3"
 Δ = 2°32'37.4" Lt.
 R = 900.00'
 L = 39.96'
 T = 19.98'
 E = 0.22'

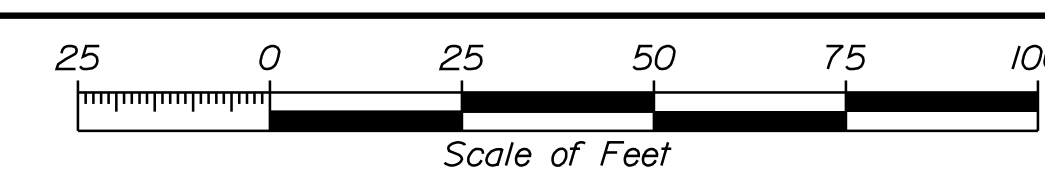
CURVE DATA #2
 PI = 108+61.36
 D = 3°08'47.0"
 Δ = 9°54'07.7" Rt.
 R = 1821.00'
 L = 314.71'
 T = 157.75'
 E = 6.82'

PLAN

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		02165701	
ICE HOUSE BRIDGE		SOMERSET		ANSON	
GILMAN BROOK		SPECIAL DETOUR		SHEET NUMBER	
WIN		BRIDGE NO. 3726		021657.01	
DATE		SIGNATURE		P.E. NUMBER	
BY		DATE		DATE	
MARK		DATE		DATE	
DESIGN		DATE		DATE	
CHECKED		DATE		DATE	
DESIGNED		DATE		DATE	
REVISIONS 1		DATE		DATE	
REVISIONS 2		DATE		DATE	
REVISIONS 3		DATE		DATE	
REVISIONS 4		DATE		DATE	
FIELD CHANGES		DATE		DATE	

30

OF 31

Town, County, State _____ Approx. Property Lines _____ Existing Right of Way _____ Limits of Wrought Portion _____ Control Of Access _____ New Right of Way _____ New Easement _____ New Temporary Rights _____ New R/W Within Existing R/W _____	PLAN LEGEND <table border="0" style="width:100%;"> <tr> <td>Existing</td> <td>Proposed</td> <td>Existing</td> <td>Proposed</td> </tr> <tr> <td>Sanitary Sewer</td> <td>Telephone Line</td> <td>Traveled Way</td> <td>Ditch</td> </tr> <tr> <td>Electric Line</td> <td>Water Line</td> <td>Catch Basin</td> <td>Manhole</td> </tr> <tr> <td>Underdrain Line</td> <td>Gas Line</td> <td>Sewer Manhole</td> <td>Utility Pole</td> </tr> <tr> <td>Guardrail</td> <td>Culvert</td> <td>Fire Hydrant</td> <td>Curbing</td> </tr> </table>	Existing	Proposed	Existing	Proposed	Sanitary Sewer	Telephone Line	Traveled Way	Ditch	Electric Line	Water Line	Catch Basin	Manhole	Underdrain Line	Gas Line	Sewer Manhole	Utility Pole	Guardrail	Culvert	Fire Hydrant	Curbing	Cut Line _____ Stonewall _____ Baseline _____ Monument _____ Iron Rod Found _____ Replacement Pin Set _____ Fill Line _____ Retaining Wall _____ Traverse Point _____ Pipe Found _____	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 ADJACENT PROPERTY OWNERS. 
Existing	Proposed	Existing	Proposed																				
Sanitary Sewer	Telephone Line	Traveled Way	Ditch																				
Electric Line	Water Line	Catch Basin	Manhole																				
Underdrain Line	Gas Line	Sewer Manhole	Utility Pole																				
Guardrail	Culvert	Fire Hydrant	Curbing																				

**STATE OF MAINE
REGISTRY OF DEEDS**

COUNTY OF _____

RECEIVED _____, 20____

AT _____ HRS. _____ MINS. _____ M.

AND RECORDED IN
PLAN BOOK _____, PAGE _____

ATTEST: _____ REGISTRAR

JOSEPH F. CARRIGAN
ITEM NO. (1)
SLOPE EASE. = 732± S.F. (1)
TEMP. ROAD RIGHTS = 0.14± AC. (1)
TOTAL AREA = 4.00± AC. (PER TOWN)

BRIAN J. THORPE
ITEM NO. (2)
SLOPE EASE. = 774± S.F. (1)
TEMP. CONST. RIGHTS = 0.05± AC. (2)
TEMP. ROAD RIGHTS = 0.11± AC. (1)
TOTAL AREA = 0.50± AC. (PER TOWN)

JOSEPH F. CARRIGAN
ITEM NO. (101)
TEMP. ROAD RIGHTS = 0.27± AC. (1)
TOTAL AREA = 4.00± AC. (PER TOWN)

FORMER LOCATION OF STATE HIGHWAY "H"
PRESUMED DISCONTINUED BY ABANDONMENT

N/F VICTOR H. CARRIGAN
TOTAL AREA = 0.37± AC. (PER TOWN)

CURVE DATA #1
PI = 103+76.47
D = 3°56'16.3"
Δ = 17°57'17.7" Rt.
R = 1455.00'
L = 455.95'
T = 229.86'
E = 18.05'

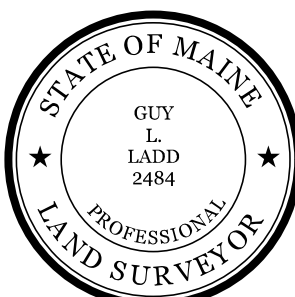
CURVE DATA #2
PI = 108+61.36
D = 3°08'47.0"
Δ = 9°54'07.7" Rt.
R = 1821.00'
L = 314.71'
T = 157.75'
E = 6.82'

EXISTING RIGHT OF WAY REFERENCE
S.H.C. FILE NO. 13-52, SHEET 2, AUGUST 1946

REVISIONS				PLAN FILED IN PLAN BOOK				PAGE COUNTY RECORD							
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
1	12/28/20	ADD ITEM NO. (101) FOR TEMP. ROAD RIGHTS	PNS	1	JOSEPH F. CARRIGAN	SLOPE EASE.	9/22/19	5480	341						
				2	BRIAN J. THORPE	SLOPE EASE.	9/22/19	5480	344						

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER

DATE _____



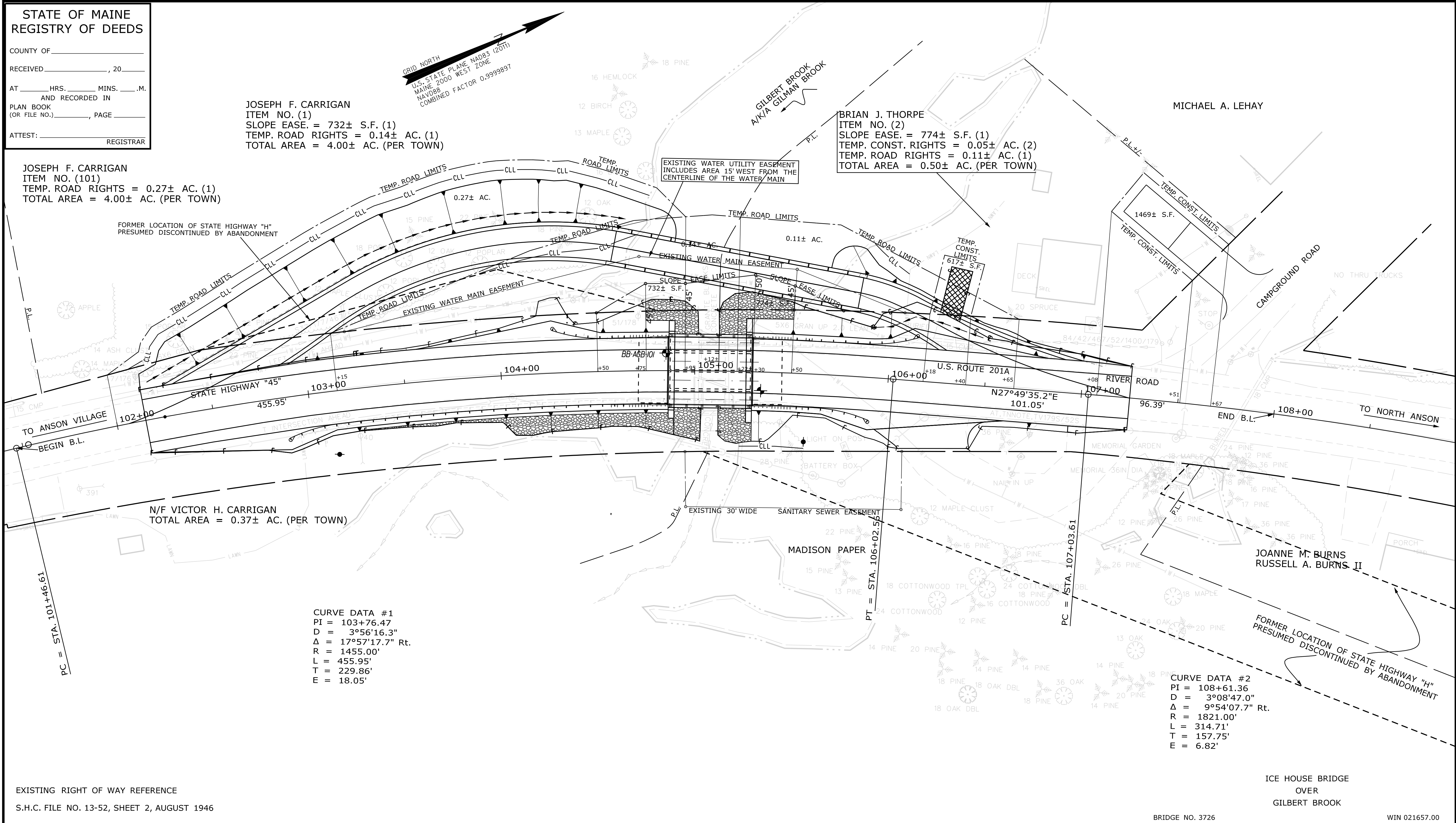
To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation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

STATE HIGHWAY "45"
U.S. ROUTE 201A RIVER ROAD
ANSON SOMERSET COUNTY
FEDERAL AID PROJECT NO. STP-2165(700)

JUNE 2019 RIGHT-OF-WAY MAP
SCALE 1" = 25' SHEET 1 OF 2

D.O.T. FILE NO. 13-400

SHEET NUMBER
31
OF 31



ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	PNS	
FINAL RIGHT OF WAY	PNS	
AREAS		

**STATE OF MAINE
DEPARTMENT OF TRANSPORTATION**
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460

**ANSON
RIGHT OF WAY MAP**

Filename: ... \00\ROW\MSTA001_RWPLAN1.dgn
 Division: ROW
 Username: Perry Silverman
 Date: 3/5/2021

BRIDGE NO. 3726 WIN 021657.00