

# STATE OF MAINE DEPARTMENT OF TRANSPORTATION



## 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

## TRAFFIC DATA

Current (2020) AADT ..... 610  
 Future (2040) AADT ..... 730  
 DHV - % of AADT ..... 11  
 Design Hour Volume ..... 80  
 Heavy Trucks (% of AADT) ..... 8  
 Heavy Trucks (% of DHV) ..... 8  
 Directional Distribution (% of DHV) ..... 50  
 18 kip Equivalent P 2.0 ..... 27  
 18 kip Equivalent P 2.5 ..... 26  
 Design Speed (mph) ..... 25

## MATERIALS

Concrete:  
 Curbs ..... Class "LP"  
 All Other ..... Class "A"  
 Reinforcing Steel Bars:  
 Plain ..... ASTM A 615/A 615M, Grade 60  
 Stainless ..... ASTM A 955/A 955M, Grade 75

## BASIC DESIGN STRESSES

Concrete:  
 Class "A" ..... f 'c = 4,000 psi  
 Class "LP" ..... f 'c = 5,000 psi  
 Reinforcing Steel Bars:  
 Plain ..... f y = 60,000 psi  
 Stainless ..... f y = 75,000 psi

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## WEST PARIS OXFORD COUNTY PENLEY AVENUE BRIDGE OVER LITTLE ANDROSCOGGIN RIVER STATE AID ROUTE 219 STATE PROJECT NO. 21758.00 PROJECT LENGTH 0.0899 mi. BRIDGE NO. 3460

## UTILITIES

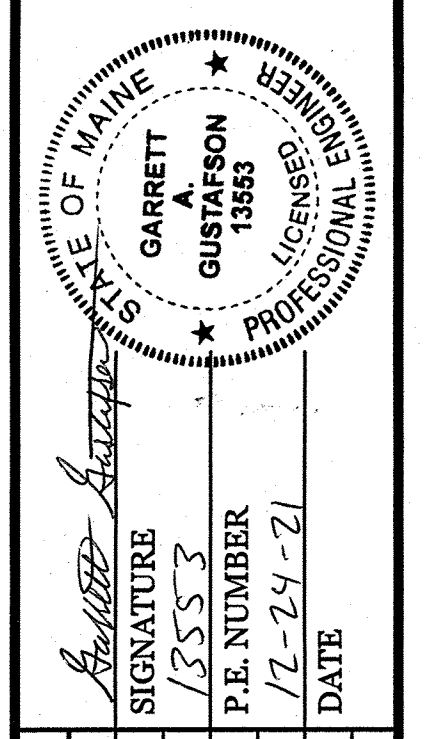
West Paris Water District  
 Central Maine Power

## MAINTENANCE OF TRAFFIC

Maintain one 12'-0" wide lane of one way Alternating Traffic using Traffic Signals.

<u>PROJECT LOCATION</u>	Route 219, West Paris, Approx. 0.2 Miles Westerly of Main Street Lat./Long. 44°19'24" N 70°34'39" W
<u>PROGRAM AREA</u>	Highway Bridge - Traditional
<u>OUTLINE OF WORK</u>	Bridge Deck Replacement

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	12/24/21	12/21/21
CHIEF ENGINEER: <i>[Signature]</i>		



PROGRAM	BRIDGE
PROJECT MANAGER	DEVAN EATON
DESIGNER	ERN BREWER
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

WEST PARIS  
PENLEY AVENUE BRIDGE  
TITLE SHEET

SHEET NUMBER  
**1**  
OF 20

WIN 21758.00

Username: Garrett.A.Gustafson Date:12/24/2021

Division: BRIDGE

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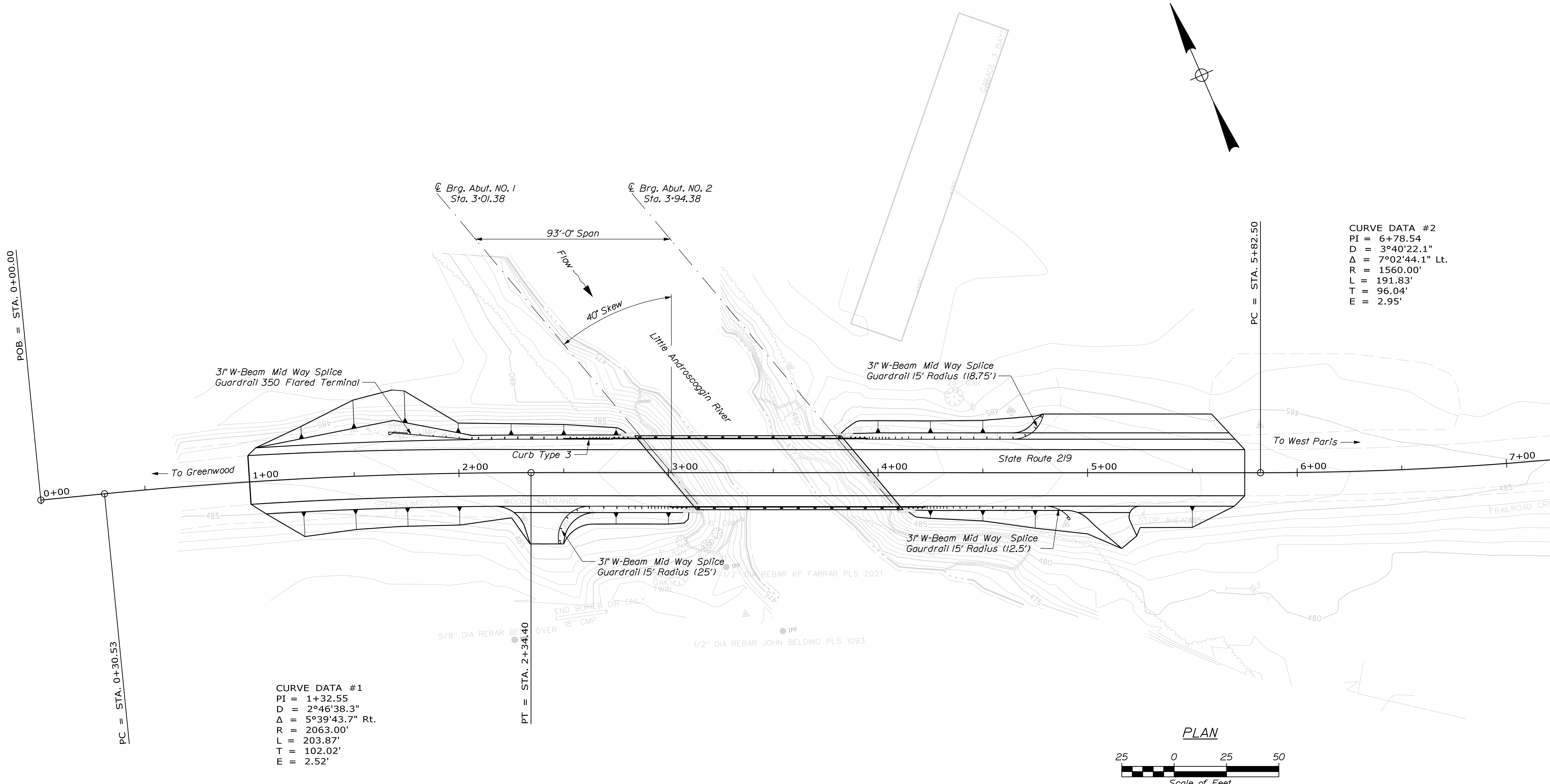
ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.10	REMOVE EXISTING SUPERSTRUCTURE PROPERTY OF CONTRACTOR (20 CY)	1	LS
202.202	REMOVING PAVEMENT SURFACE	700	SY
203.20	COMMON EXCAVATION	800	CY
203.24	COMMON BORROW	60	CY
203.25	GRANULAR BORROW	30	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	730	CY
403.208	HOT MIX ASPHALT 12.5 MM	123	T
403.209	HOT MIX ASPHALT 9.5 MM (SIDEWALKS, DRIVES & INCIDENTALS)	4	T
403.213	HOT MIX ASPHALT 12.5 MM (BASE & INTERMEDIATE COARSE)	204	T
409.15	BITUMINOUS TACK COAT - APPLIED	57	G
502.26	STRUCTURAL CONCRETE ROAD & SW SLABS ON STEEL BRIDGE (110 CY)	1	LS
502.291	SAW CUT GROOVING (3152 SF)	1	LS
502.49	STRUCTURAL CONCRETE CURBS AND SIDEWALKS (9 CY)	1	LS
503.17	MECHANICAL WELDED SPLICE - STAINLESS	291	EA
503.26	STAINLESS STEEL REINFORCEMENT - FABRICATED & DELIVERED	30,110	LB
503.27	STAINLESS STEEL REINFORCEMENT - PLACING	30,110	LB
505.08	SHEAR CONNECTORS (2595 EA)	1	LS
507.0821	STEEL BRIDGE RAILING, 3 BAR (208 LF)	1	LS
507.0822	STEEL APPROACH RAILING, 3 BAR	4	EA
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (89 SY)	1	LS
518.60	REPAIR OF VERTICAL SURFACES < 8 IN.	19	SF
526.301	TEMPORARY CONCRETE BARRIER TYPE 1 (32 LF)	1	LS
527.34	WORK ZONE CRASH CUSHIONS	2	UN
606.1301	31" W-BEAM GUARDRAIL, MID-WAY SPLICE-SINGLE FACED	166	LF
606.1303	31" W-BEAM GUARDRAIL, MID-WAY SPLICE-15' RADIUS & LESS	56	LF
606.1305	31" W-BEAM GUARDRAIL, MID-WAY SPLICE FLARED TERMINAL	1	EA
606.1721	BRIDGE TRANSITION - TYPE 1	4	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	2	EA
609.31	CURB TYPE 3	20	LF
613.319	EROSION CONTROL BLANKET	80	SY
615.07	LOAM	29	CY
618.14	SEEDING METHOD NUMBER 2	29	UN
619.12	MULCH	29	UN
619.14	EROSION CONTROL MIX	9	CY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARK LINE	1,425	LF
627.78	TEMPORARY 4" PAINT PAVEMENT MARK LINE WHITE OR YELLOW	64	LF
629.05	HAND LABOR, STRAIGHT TIME	40	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	40	HR
631.14	GRADER (INCLUDING OPERATOR)	25	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 (120 CD)	1	LS
652.38	FLAGGER	360	HR
656.75	TEMPORARY SOIL EROSION & WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS

**GENERAL CONSTRUCTION NOTES**

- For easements, construction limits and right of way lines, refer to Right of Way Map.
- All utility facilities shall be adjusted by the respective utilities unless otherwise noted.
- Do not excavate for Aggregate Subbase Course where existing material is suitable as determined by the Resident.
- 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.
- Place loam 2 inches deep on all new or reconstructed sideslopes or as directed by the Resident.
- Erosion Control Mix may be substituted in those areas normally receiving loam and seed as directed by the Resident. Placement shall be in accordance with Standard Specifications Section 619, Mulch. Payment will be made under Item No. 619.14, Erosion Control Mix.
- Guardrail posts as shown in the Standard Details shall be modified from the indicated length of 6 feet to a length of 8 feet with an embedment of 5'-4" feet. Payment will be considered incidental to the guardrail pay items.
- An NCHRP350 compliant guardrail end treatment shall be installed concurrently with the placement of each section of beam guardrail.
- Protective Coating for Concrete Surfaces shall be applied to the following areas:  
  
All exposed surfaces of concrete curbs,  
Fascias down to the drip notch,  
Concrete wearing surfaces,  
Top of abutment backwalls/wingwalls and to one foot below the top of backwalls/wingwalls on the back side.
- Project information referred to below may be accessed at the following MaineDOT web address: <http://www.maine.gov/mdot/contractors/>.
- 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.

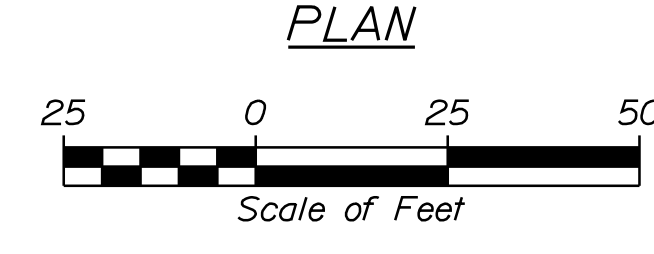
- Quantities included for pay items measured and paid for by Lump Sum are estimated quantities and are provided by MaineDOT for informational purposes only. Lump Sum pay items will be paid for at the Contract Bid amount, with no addition or reduction in payment to the Contractor if the actual final quantities are different from the MaineDOT provided estimated quantities, except as follows:
  - If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.
  - If other Contract Documents specifically allow a change in payment for a Lump Sum pay item, those requirements will be followed.
  - 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.
- The Contractor shall submit a Bridge Deck Removal Plan to the Resident at least 10 business days prior to the start of demolition work. The plan shall outline the methods and equipment to be used to remove and dispose of all materials included in the existing bridge deck. No work related to the removal of the bridge deck shall be undertaken by the Contractor until MaineDOT has reviewed the Bridge Deck Removal Plan for appropriateness and completeness. Payment for all work necessary for developing, submitting and finalizing the Removal Plan will be considered incidental to the bridge deck removal pay item.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		021758-00		WIN		21758.00		BRIDGE NO. 3460		BRIDGE PLANS	
PENLEY AVENUE BRIDGE LITTLE ANDROSCOGGIN RIVER WEST PARIS OXFORD COUNTY		DATE		BY		D. EATON		SIGNATURE		P.E. NUMBER		DATE	
		NOV. 2021		J. LEAVITT		J. LEAVITT		NOV. 2021		DEC. 2021		DEC. 2021	
ESTIMATED QUANTITIES		DESIGN-DETAILED		E. BREWER		E. BREWER		DESIGN-REVIEWED		DESIGN-REVIEWED		DESIGN-REVIEWED	
		DESIGN-DETAILED		E. BREWER		E. BREWER		DESIGN-REVIEWED		DESIGN-REVIEWED		DESIGN-REVIEWED	
		DESIGN-DETAILED		E. BREWER		E. BREWER		DESIGN-REVIEWED		DESIGN-REVIEWED		DESIGN-REVIEWED	
		DESIGN-DETAILED		E. BREWER		E. BREWER		DESIGN-REVIEWED		DESIGN-REVIEWED		DESIGN-REVIEWED	
SHEET NUMBER		2		OF 20		FIELD CHANGES		REVISIONS 1		REVISIONS 2		REVISIONS 3	

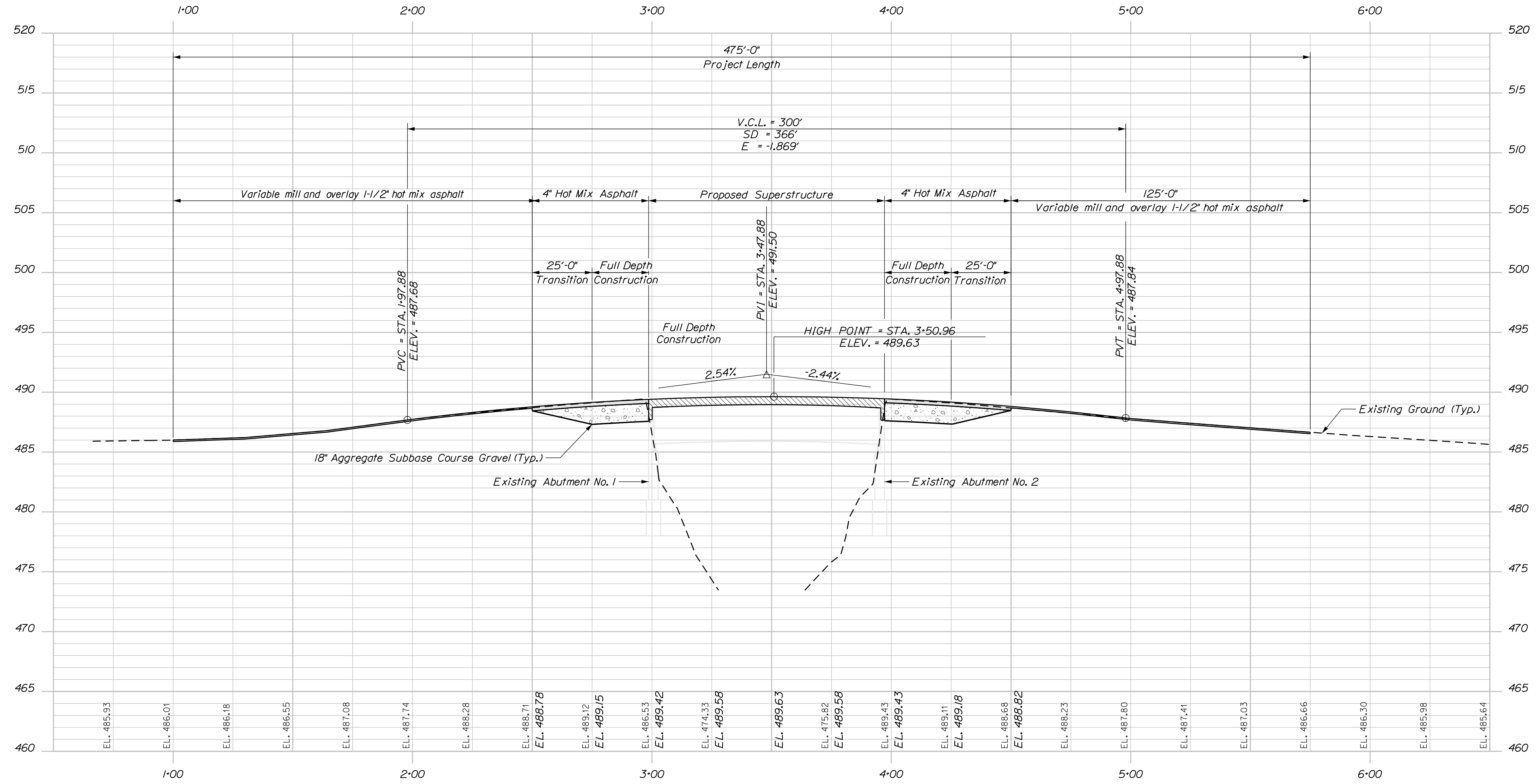


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 PI = 1+32.55  
 D = 2°46'38.3"  
 Δ = 5°39'43.7" Rt.  
 R = 2063.00'  
 L = 203.87'  
 T = 102.02'  
 E = 2.52'

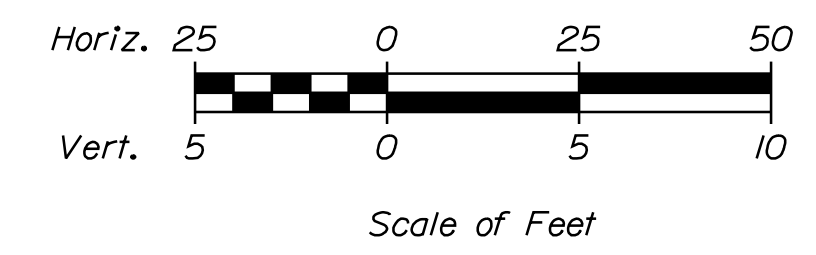
**CURVE DATA #2**  
 PI = 6+78.54  
 D = 3°40'22.1"  
 Δ = 7°02'44.1" Lt.  
 R = 1560.00'  
 L = 191.83'  
 T = 96.04'  
 E = 2.95'



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021758.00	
BRIDGE NO. 3460		WIN 21758.00	
BRIDGE PLANS			
PROJ. MANAGER	D. EATON	BY	DATE
DESIGN DETAILED	E. BREWER	J. LEAVITT	NOV. 2021
CHECKED-REVIEWED	CUSTAS	M. CRITCHLOW	DEC. 2021
DESIGN DETAILED	E. BREWER	M.R.P.	DEC. 2021
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
PENLEY AVENUE BRIDGE LITTLE ANDROSCOGGIN RIVER WEST PARIS OXFORD COUNTY		SIGNATURE P.E. NUMBER DATE	
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PROFILE



NOV. 2021

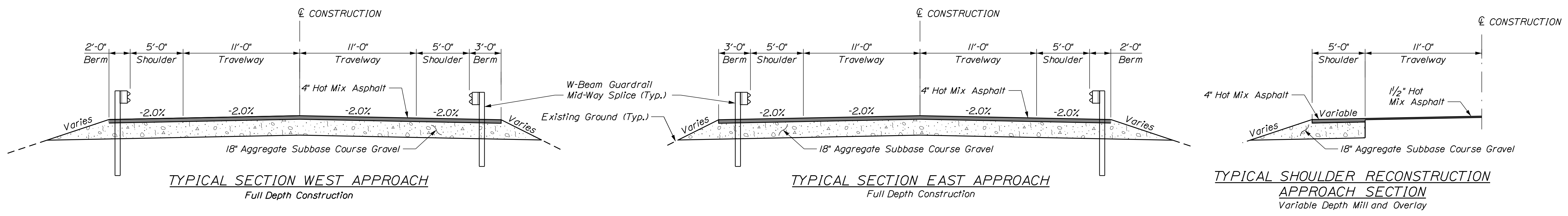
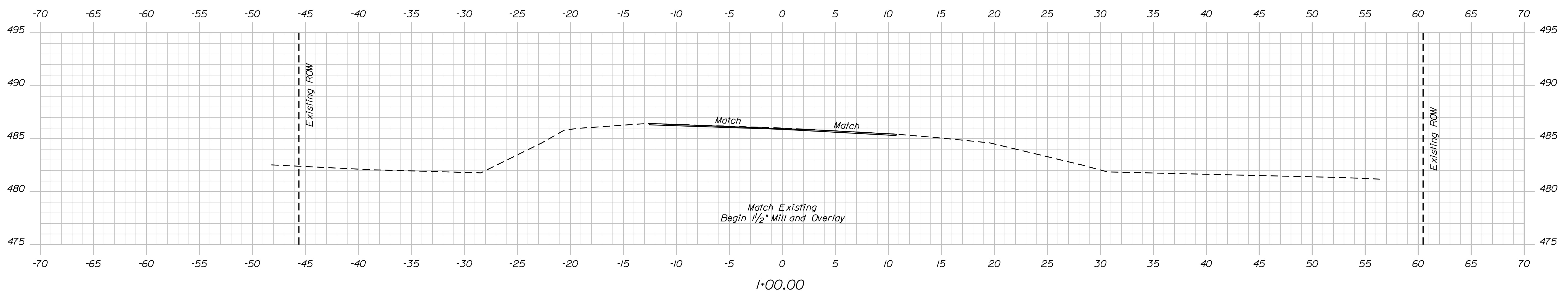
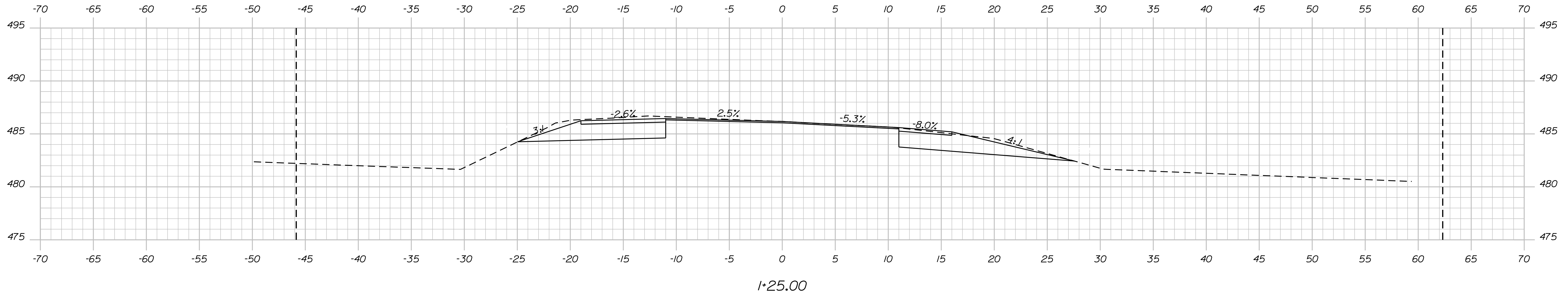
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PROJ. MANAGER D. EATON	BY J. LEAVITT	DATE NOV. 2021
DESIGN-DETAILED E. BREWER	CHECKED-REVIEWED GUSTAFSON	SIGNATURE DEC. 2021
DESIGNS-DETAILED E. BREWER	M.R.P.	P.E. NUMBER
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Date: 12/27/2021

Username: Devan.C.Eaton

Division: BRIDGE

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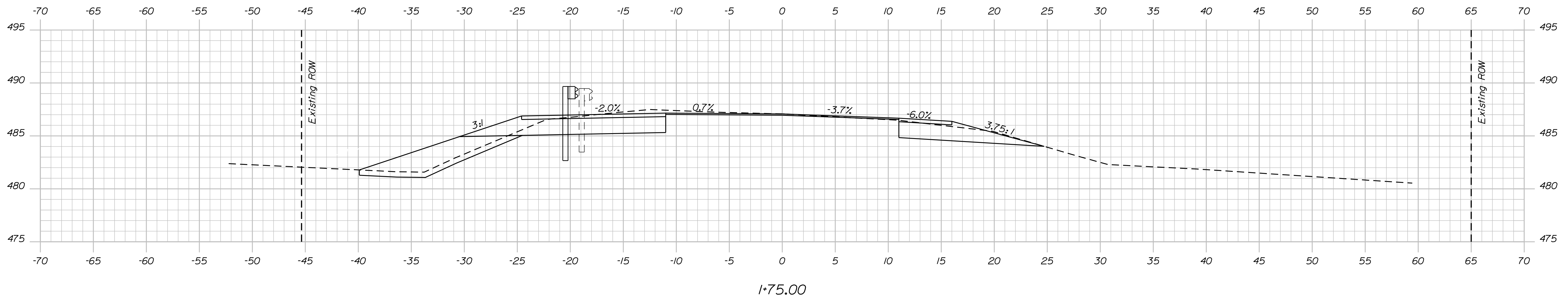
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WEST PARIS		LITTLE ANDROSCOGGIN RIVER		OXFORD COUNTY	
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WIN		21758.00		BRIDGE PLANS	
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Date: 12/27/2021

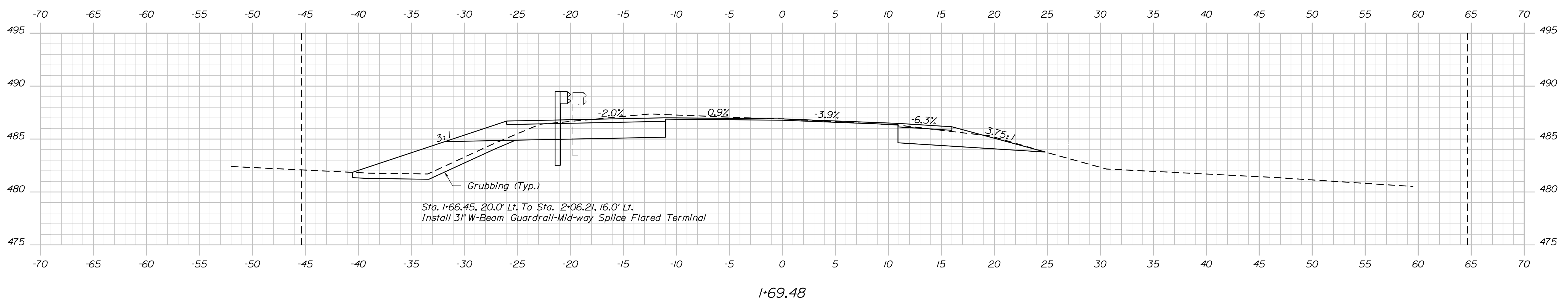
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Division: BRIDGE

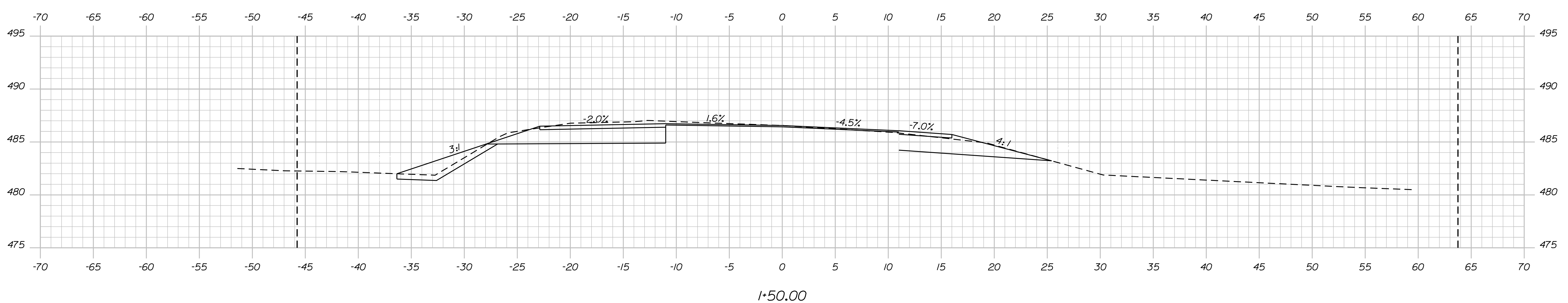
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I+75.00



I+69.48



I+50.00

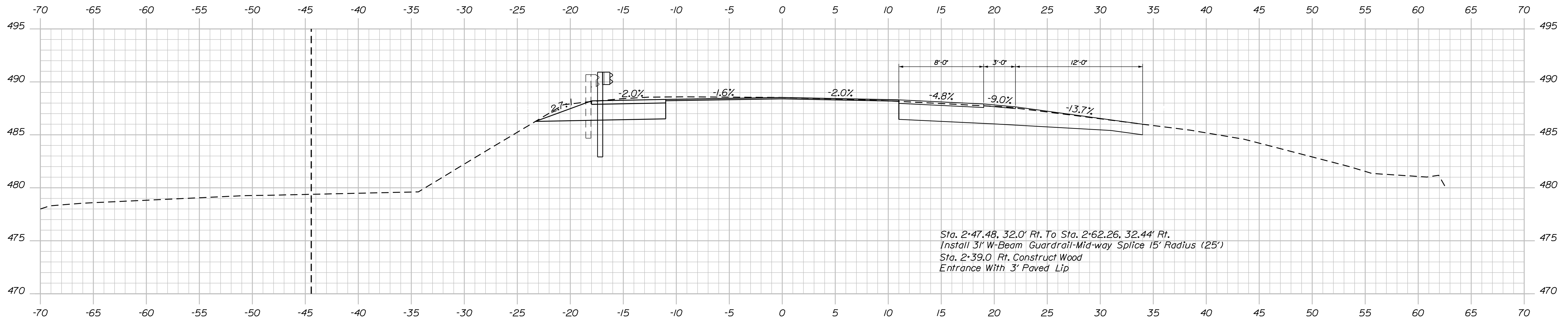
STATE OF MAINE  
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 BRIDGE NO. 3460  
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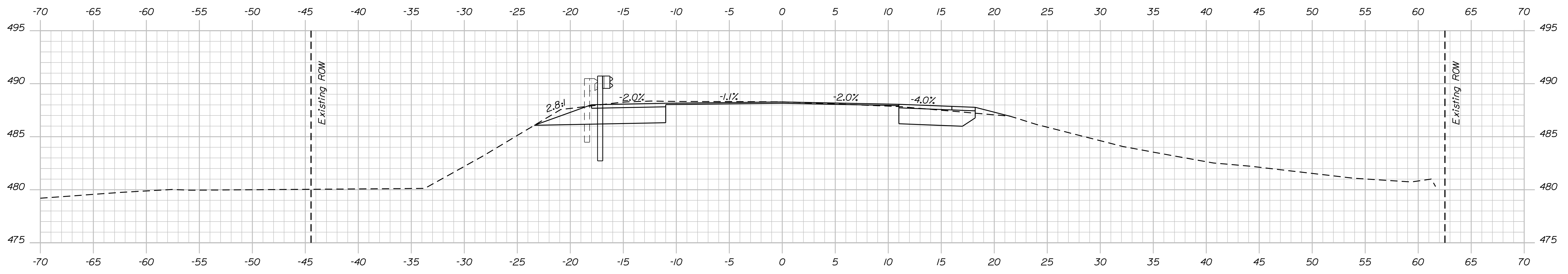
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D. EATON	J. LEAVITT	NOV. 2021
E. BREWER	M. CRITCHLOW	DEC. 2021
E. BREWER	M.R.P.	DEC. 2021

PENLEY AVENUE BRIDGE  
 LITTLE ANDROCOGIN RIVER  
 WEST PARIS  
 OXFORD COUNTY  
 CROSS SECTIONS

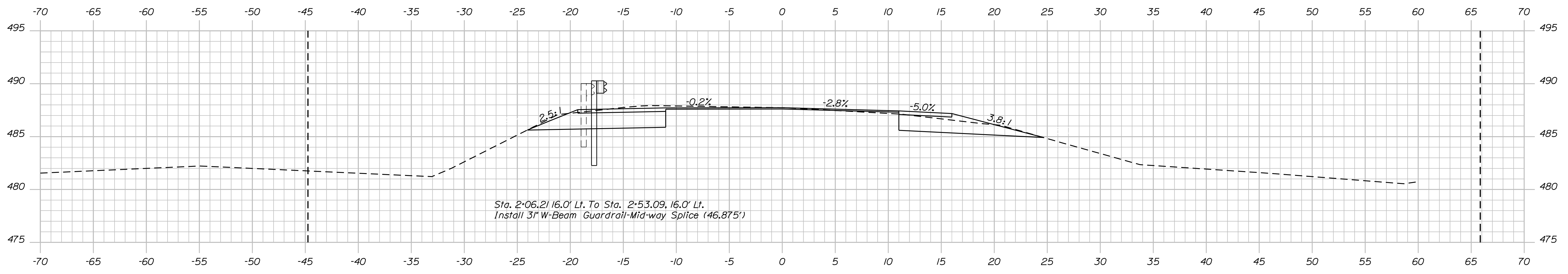
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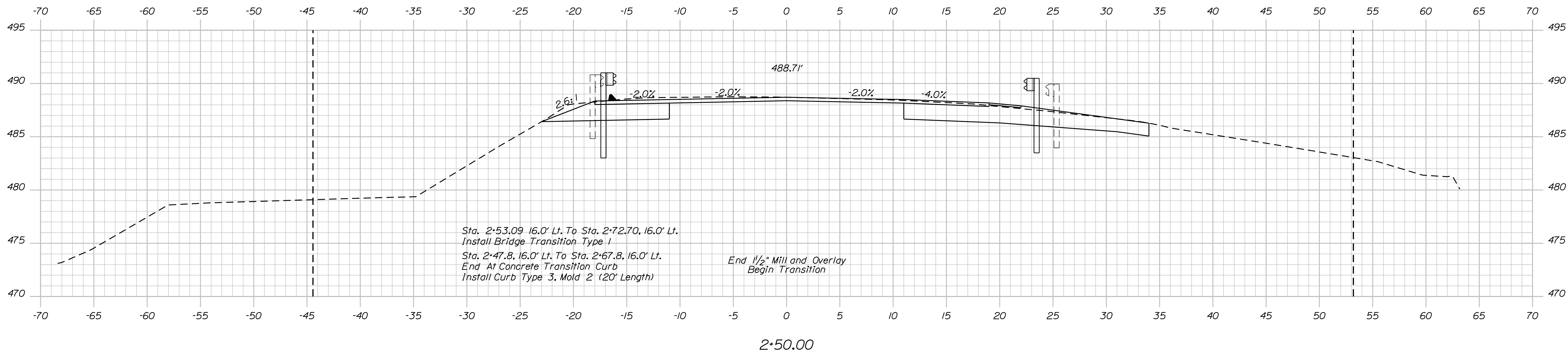
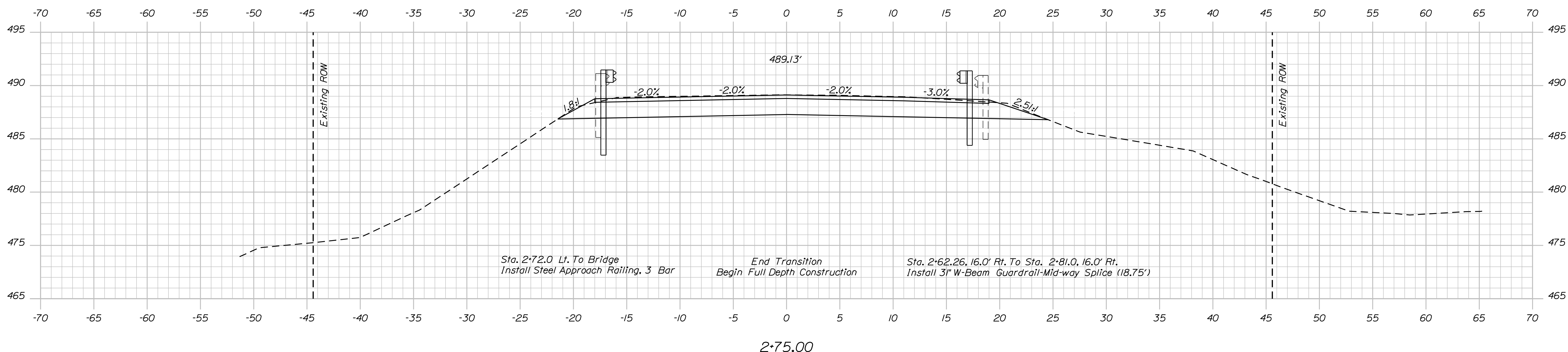
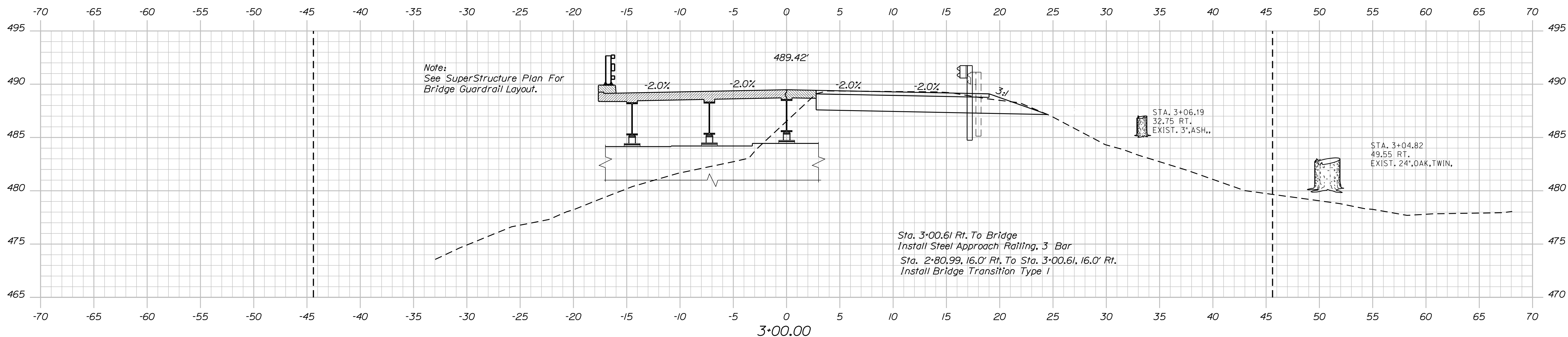


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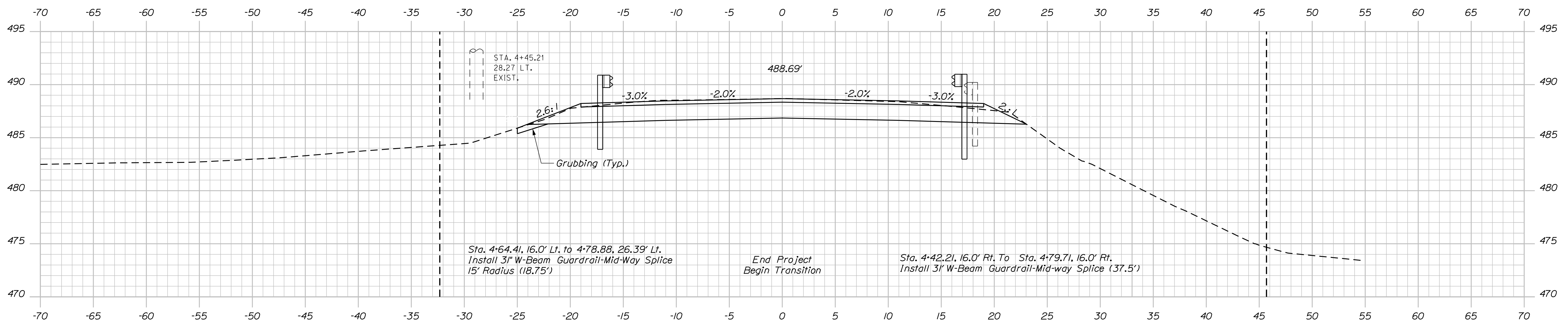


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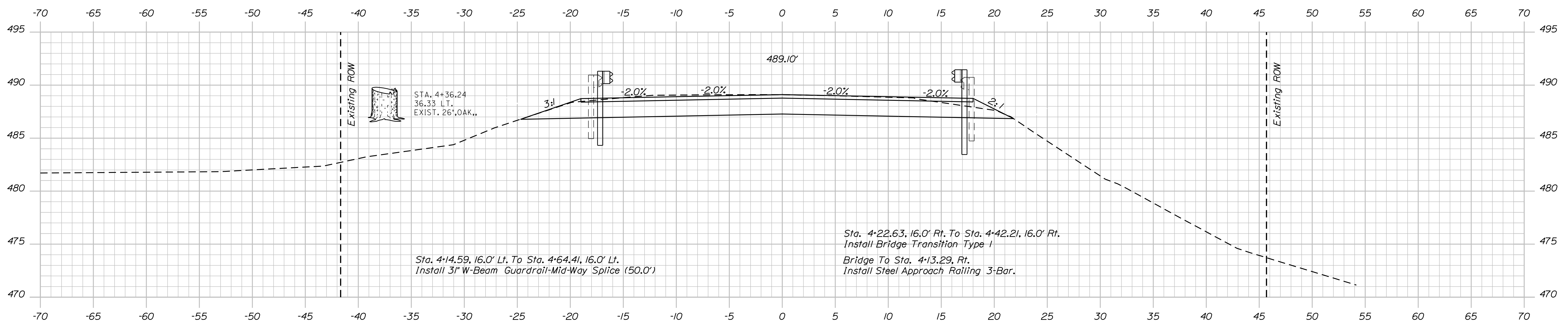
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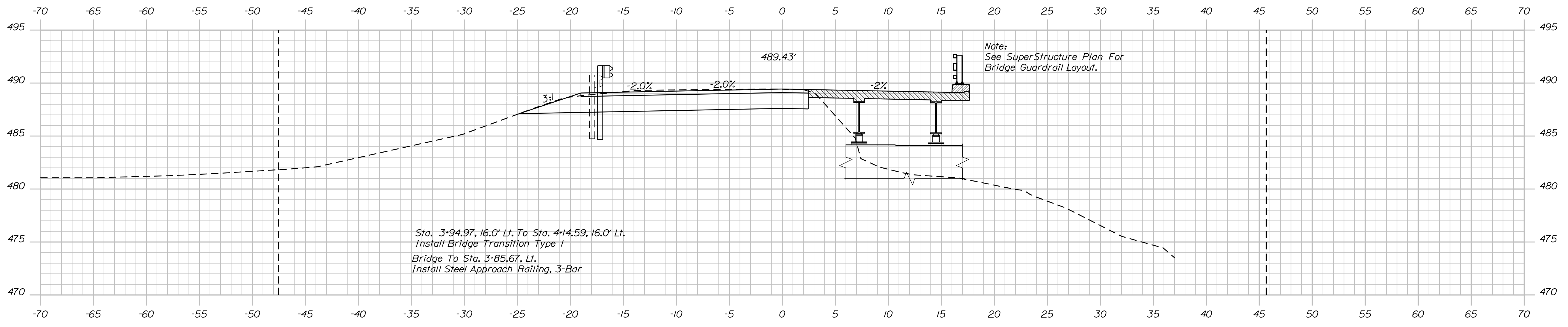
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FIELD CHANGES				
PENLEY AVENUE BRIDGE LITTLE ANDROSCOGGIN RIVER WEST PARIS OXFORD COUNTY				
CROSS SECTIONS				
SHEET NUMBER				
8				
OF 20				



4+50.00



4+25.00



4+00.00

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021758.00	WIN	21758.00
PENLEY AVENUE BRIDGE LITTLE ANDROSCOGGIN RIVER WEST PARIS OXFORD COUNTY		CROSS SECTIONS		
SHEET NUMBER	9			
		OF 20		
BRIDGE NO. 3460	BRIDGE PLANS			
DATE	BY	D. EATON	P.E. NUMBER	DATE
NOV. 2021	J. LEAVITT	E. BREWER	M.R.P.	DEC. 2021
SIGNATURE				
FIELD CHANGES				
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E. BREWER	E. BREWER	E. BREWER	REVISIONS 3	REVISIONS 4

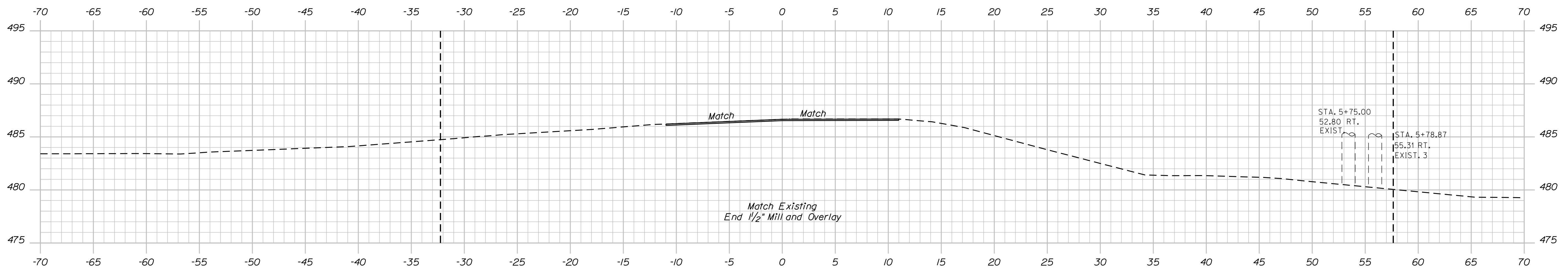


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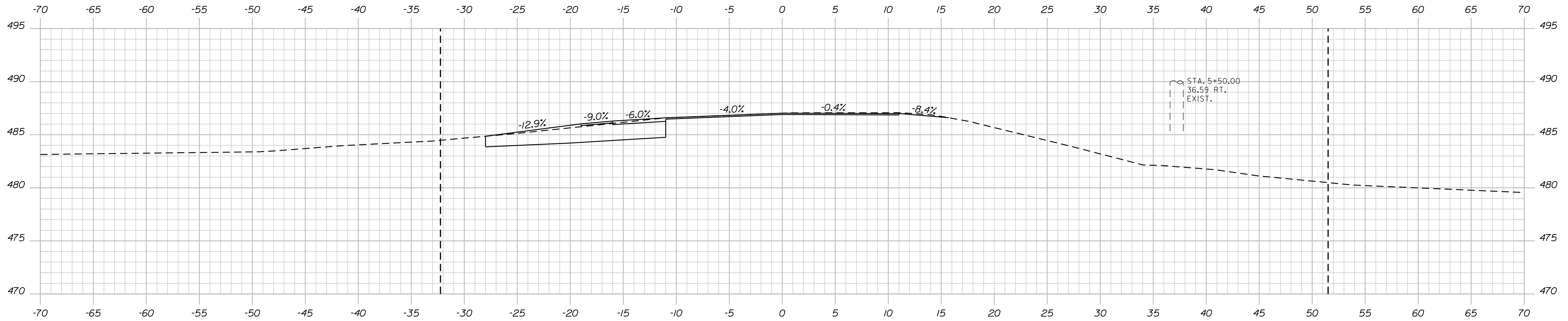
Username: Devon.C.Eaton

Division: BRIDGE

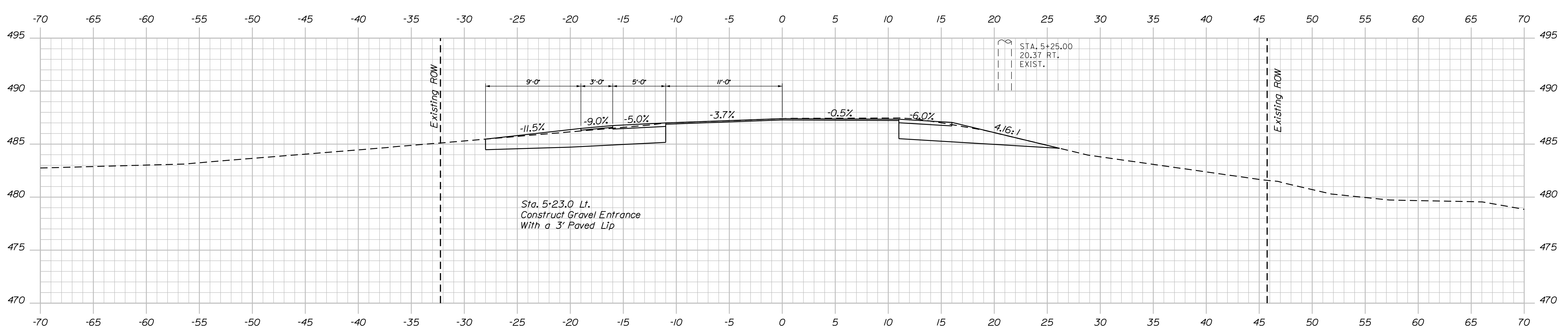
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5+50.00



5+25.00

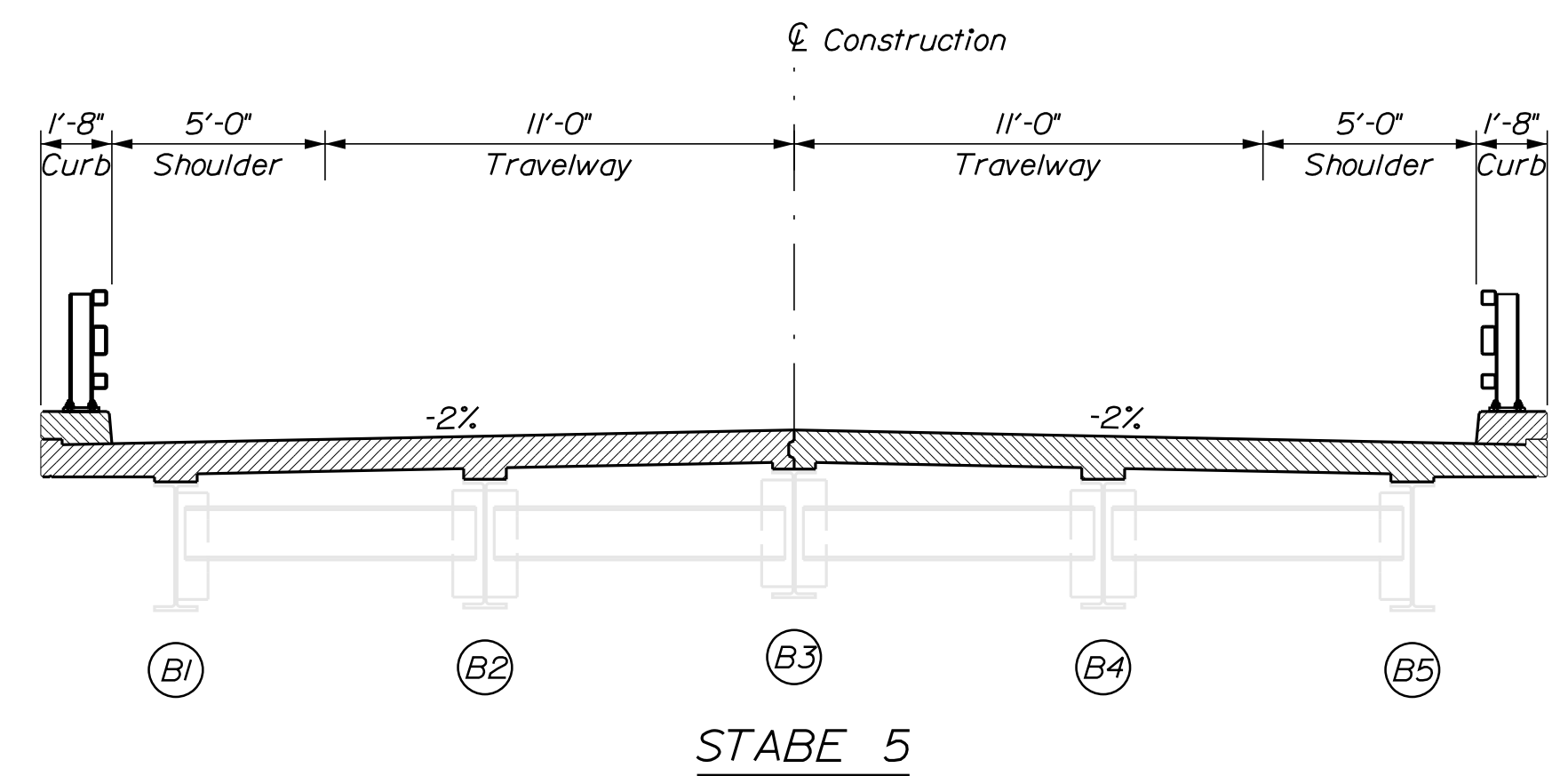
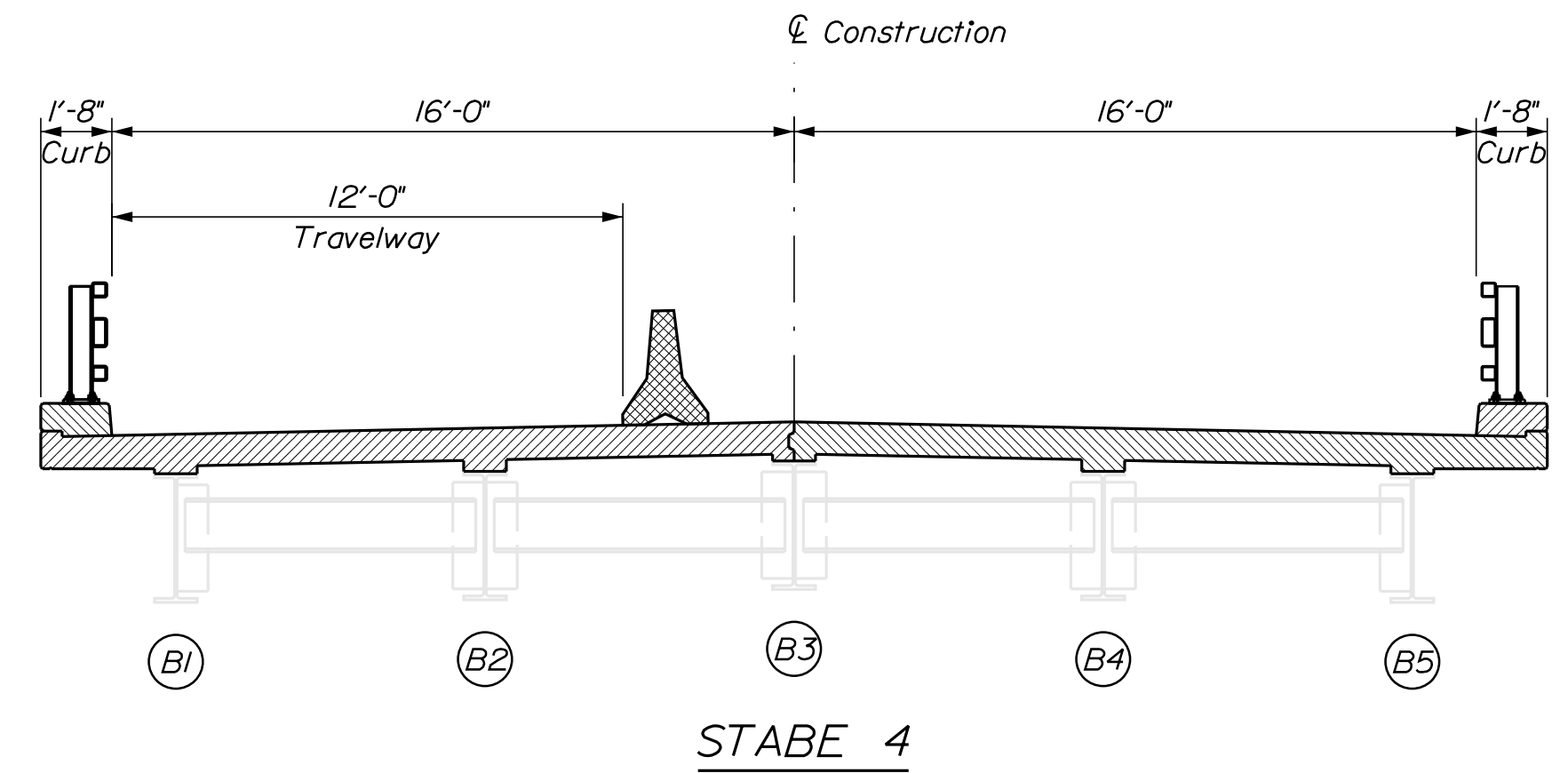
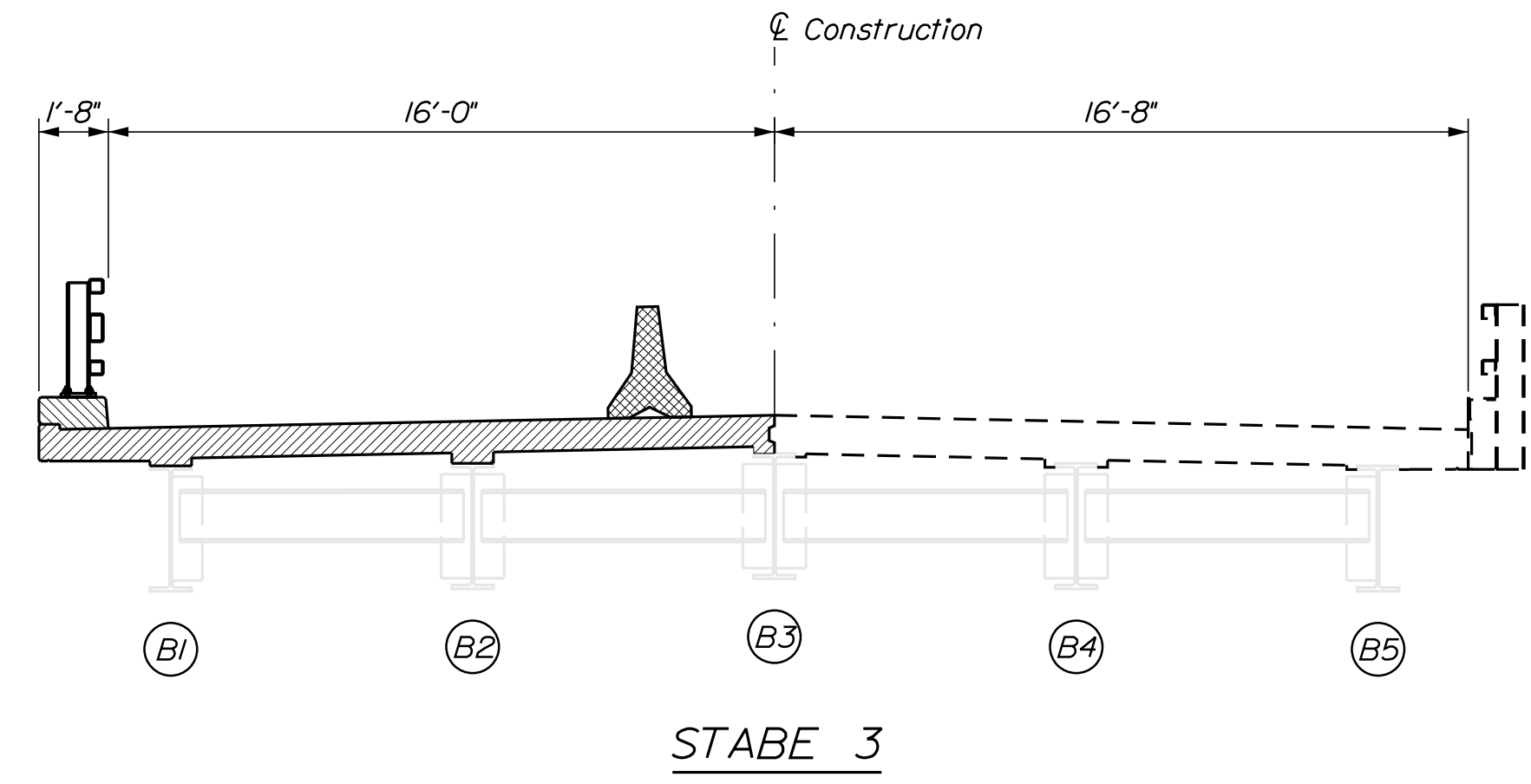
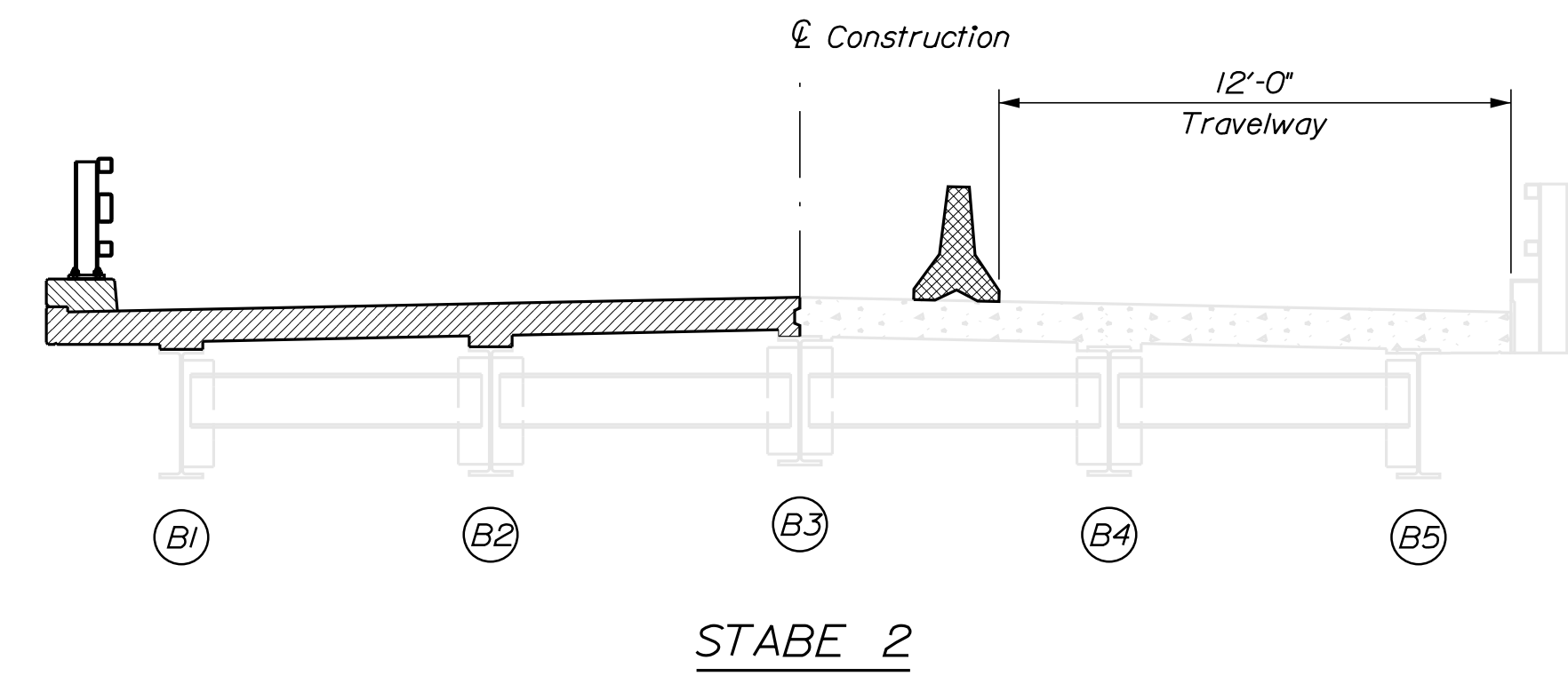
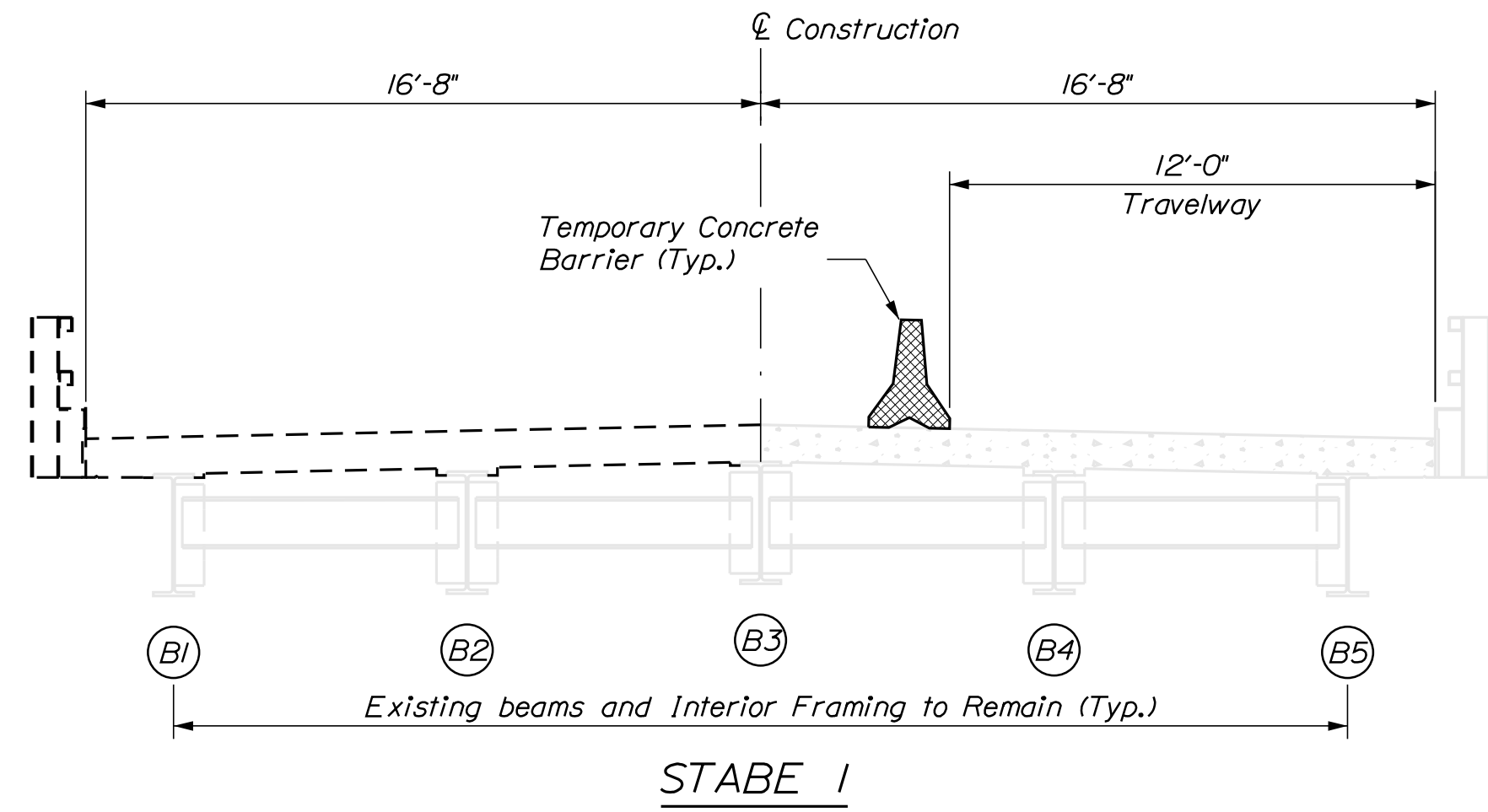
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021758.00  
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DESIGNED BY	J. LEAVITT	DATE	NOV. 2021
CHECKED BY	C. J. FASOM	DATE	DEC. 2021
DESIGNED BY	E. BREWER	DATE	DEC. 2021
CHECKED BY	M.R.P.	DATE	
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PROJ. MANAGER	D. EATON	BY	J. LEAVITT	DATE	NOV. 2021
DESIGNED BY	E. BREWER	DATE	NOV. 2021	SIGNATURE	
CHECKED BY	C. J. FASOM	DATE	DEC. 2021	P.E. NUMBER	
DESIGNED BY	E. BREWER	DATE	DEC. 2021	DATE	
CHECKED BY	M.R.P.	DATE			
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PENLEY AVENUE BRIDGE  
LITTLE ANDROSCOGGIN RIVER  
WEST PARIS  
OXFORD COUNTY  
CROSS SECTIONS

SHEET NUMBER  
**11**  
OF 20



**NOTES:**

Stage 1. Construct the travel lane as shown for alternating traffic on the south (downstream) side. Remove the north (upstream) side of the deck, wearing surface, and railing.

Stage 2. Maintain the travel lane for alternating traffic on the south (downstream) side. Construct the north (upstream) side of the deck, wearing surface, and bridge railing.

Stage 3. Construct the travel lane as shown for alternating traffic on the north (upstream) side. Remove the south (downstream) side of the deck, wearing surface, and railing.

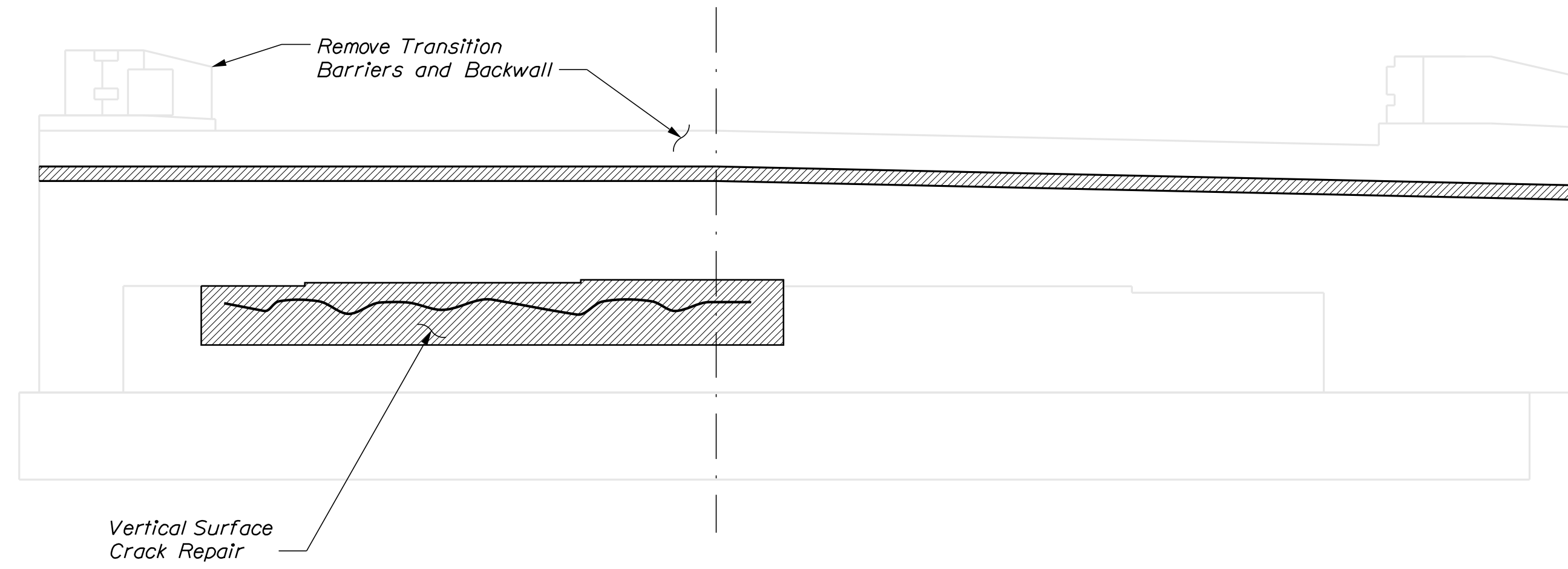
Stage 4. Maintain the travel lane for alternating traffic on the north (upstream) side. Construct the south (downstream) side of the deck, wearing surface, and bridge railing.

Stage 5. Open bridge with two travel lanes.

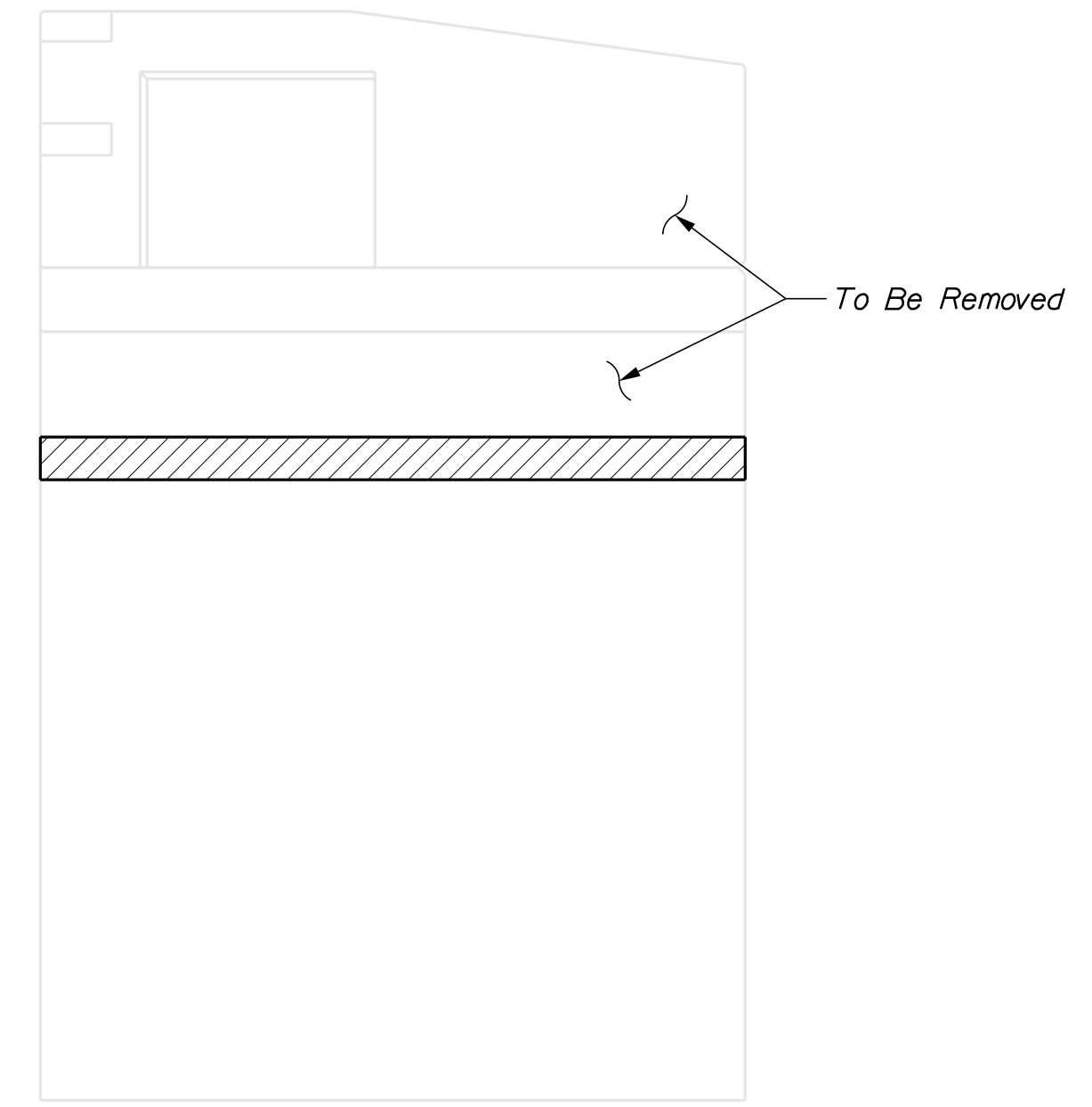
DESIGN DETAILED	DATE	SIGNATURE
CHECKED/REVIEWED	NOV. 2021	
DESIGNED/DETAILS	DEC. 2021	
DESIGNED/DETAILS	DEC. 2021	
REVISIONS 1		P.E. NUMBER
REVISIONS 2		DATE
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PROJ. MANAGER	D. EATON	DATE
DESIGN DETAILED	E. BREWER	NOV. 2021
CHECKED/REVIEWED	J. LEAVITT	NOV. 2021
DESIGNED/DETAILS	C. J. F. S. M. C. R. I. T. C. H. O. W.	DEC. 2021
DESIGNED/DETAILS	E. BREWER	DEC. 2021
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

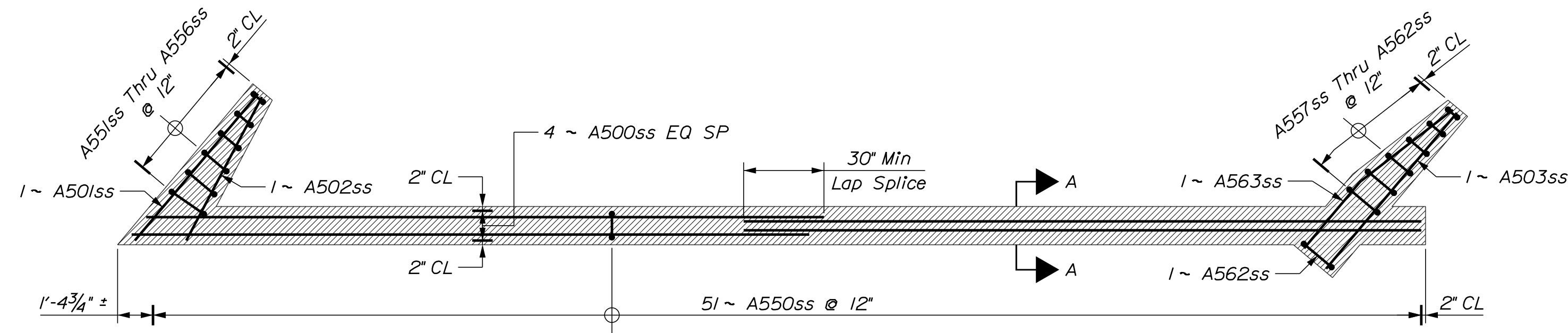
PENLEY AVENUE BRIDGE  
LITTLE ANDROSCOGGIN RIVER  
WEST PARIS  
OXFORD COUNTY  
STAGING PLAN



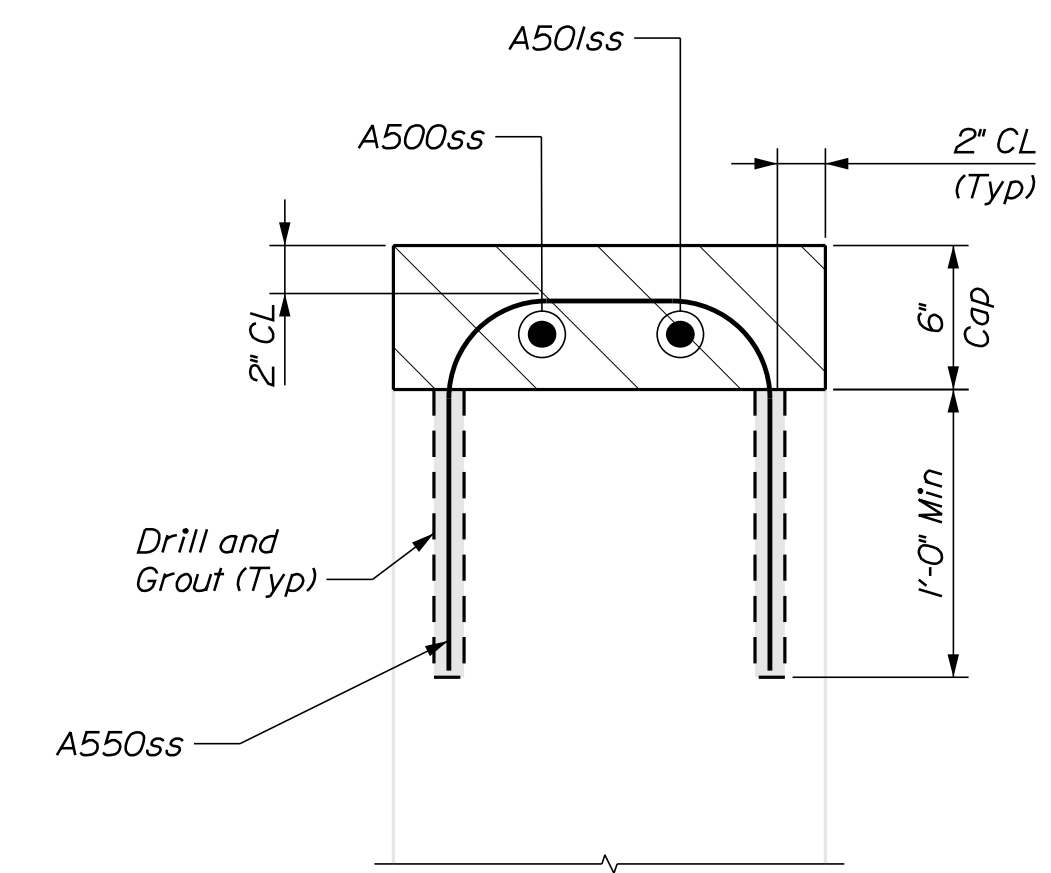
**ELEVATIONS ABUTMENTS NO. 1 & 2**  
 Minor Cracking in Face of Bridge Seat on Eastern Abutment No. 2



**CONCRETE TRANSITION BARRIER**



**ABUTMENT 1 (SHOWN) & ABUTMENT 2 (SIMILAR) REINFORCING PLAN**



**SECTION A-A CAP DETAIL**

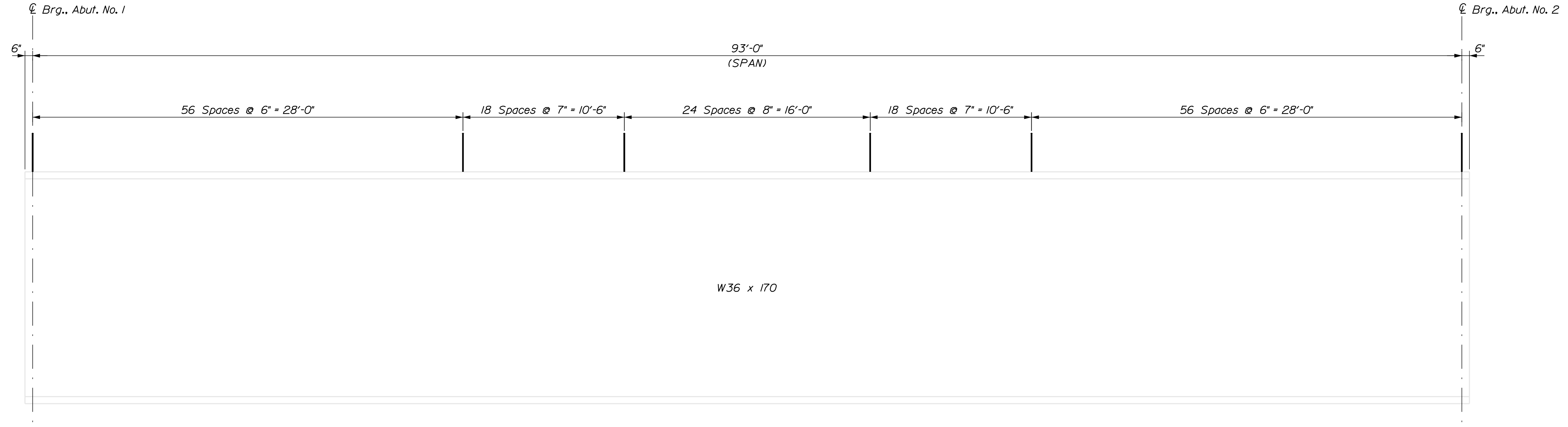
STATE OF MAINE	BRIDGE NO. 3460	BRIDGE PLANS
DEPARTMENT OF TRANSPORTATION	WIN	21758.00
	021758.00	

PROJ. MANAGER	DATE
DESIGN-DETAILED	NOV. 2021
CHECKED-REVIEWED	DEC. 2021
DESIGN-DETAILED	DEC. 2021
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE	P.E. NUMBER	DATE

PENLEY AVENUE BRIDGE  
 LITTLE ANDROSCOGGIN RIVER  
 WEST PARIS OXFORD COUNTY  
**REMOVAL OF EXISTING CONC TRANSITION BARRIER**

SHEET NUMBER  
**13**  
 OF 20



SHEAR CONNECTOR LAYOUT - EXTERIOR BEAMS  
 Triple Studs - 519 per Beam x 2 Beams = 1038 Studs

SHEAR CONNECTOR LAYOUT - INTERIOR BEAMS  
 Triple Studs - 519 per Beam x 3 Beams = 1557 Studs

SHEET NUMBER

14

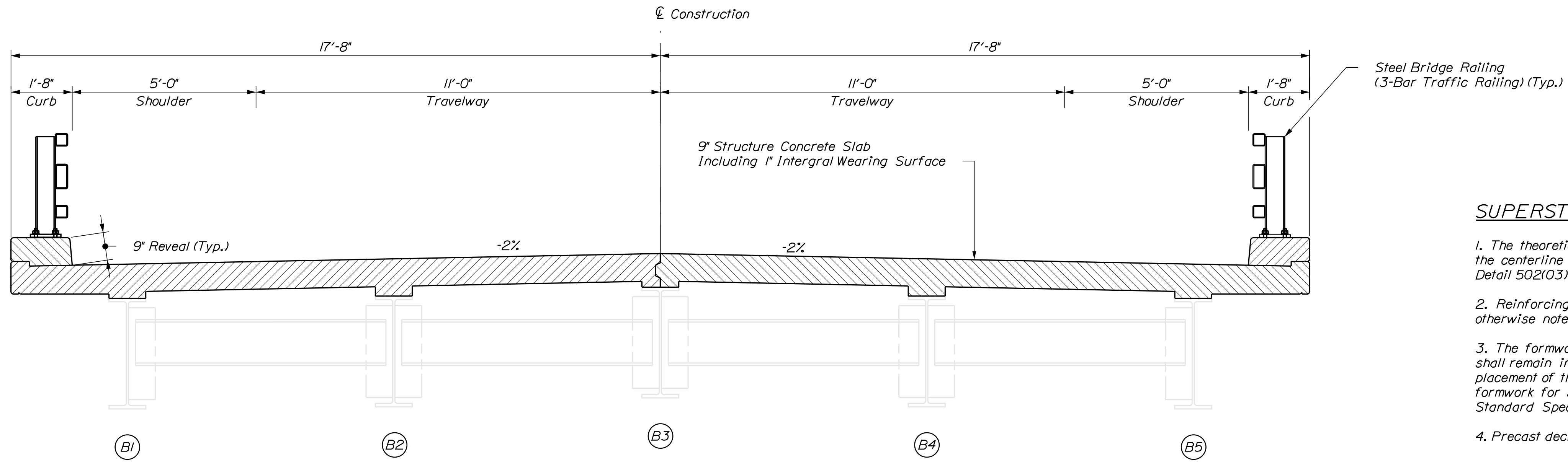
OF 20

PENLEY AVENUE BRIDGE  
 LITTLE ANDROSCOGGIN RIVER  
 WEST PARIS OXFORD COUNTY  
**SHEAR CONECTOR &  
 BOTTOM OF SLAB ELEVATION**

PROJ. MANAGER	D. EATON	BY	DATE
DESIGN DETAILED	E. BREWER	J. LEAVITT	NOV. 2021
CHECKED/REVIEWED	C. J. FASOM	M. CRITCHLOW	DEC. 2021
DESIGN DETAILED	E. BREWER	M.R.P.	DEC. 2021
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
 021758.00  
 BRIDGE NO. 3460  
 WIN  
 21758.00  
 BRIDGE PLANS

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
 021758.00  
 BRIDGE NO. 3460  
 WIN  
 21758.00  
 BRIDGE PLANS



**SUPERSTRUCTURE NOTES**

1. The theoretical blocking used for design of the structure is 2 inches at the centerline of bearing of the abutments and piers. Refer to Standard Detail 502(0.3) for blocking details.
2. Reinforcing steel shall have a minimum concrete cover of 2 inches unless otherwise noted.
3. The formwork and its supports, over the full width of the structural slab, shall remain in place until a minimum of 48 hours has elapsed after placement of the final section of the slab. After this period, removal of formwork for sections meeting the requirements for form removal of Standard Specifications Section 502, Structural Concrete, may proceed.
4. Precast deck panels are not allowed on this project.

**PROPOSED BRIDGE SECTION**

BOTTOM OF SLAB ELEVATION (FEET)											
POINT	ABUT 1	10	20	30	40	50	60	70	80	90	ABUT 2
Beam 1	488.28	488.50	488.69	488.83	488.93	488.97	488.95	488.88	488.77	488.62	488.57
Beam 2	488.49	488.70	488.89	489.02	489.11	489.14	489.11	489.03	488.90	488.74	488.68
Beam 3	488.67	488.87	489.04	489.16	489.23	489.24	489.20	489.10	488.96	488.77	488.71
Beam 4	488.60	488.79	488.95	489.07	489.14	489.15	489.10	489.00	488.85	488.66	488.60
Beam 5	488.49	488.67	488.82	488.93	488.98	488.98	488.92	488.82	488.66	488.47	488.41

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
021758.00  
WIN  
21758.00  
BRIDGE NO. 3460  
BRIDGE PLANS

SIGNATURE  
P.E. NUMBER  
DATE

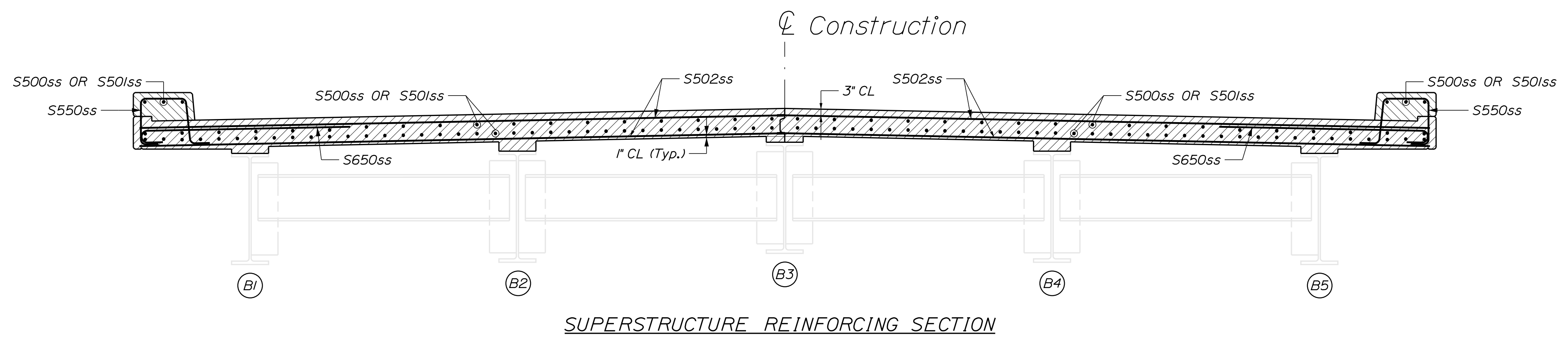
PROJ. MANAGER	D. EATON	BY	DATE
DESIGN DETAILED	E. BREWER	J. LEAVITT	NOV. 2021
CHECKED/REVIEWED	C. J. FASION	M. CRITCHLOW	DEC. 2021
DESIGN DETAILED	E. BREWER	M.R.P.	DEC. 2021
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

PENLEY AVENUE BRIDGE  
LITTLE ANDROSCOGGIN RIVER  
WEST PARIS  
OXFORD COUNTY  
SUPERSTRUCTURE SECTION &  
SUPERSTRUCTURE NOTES

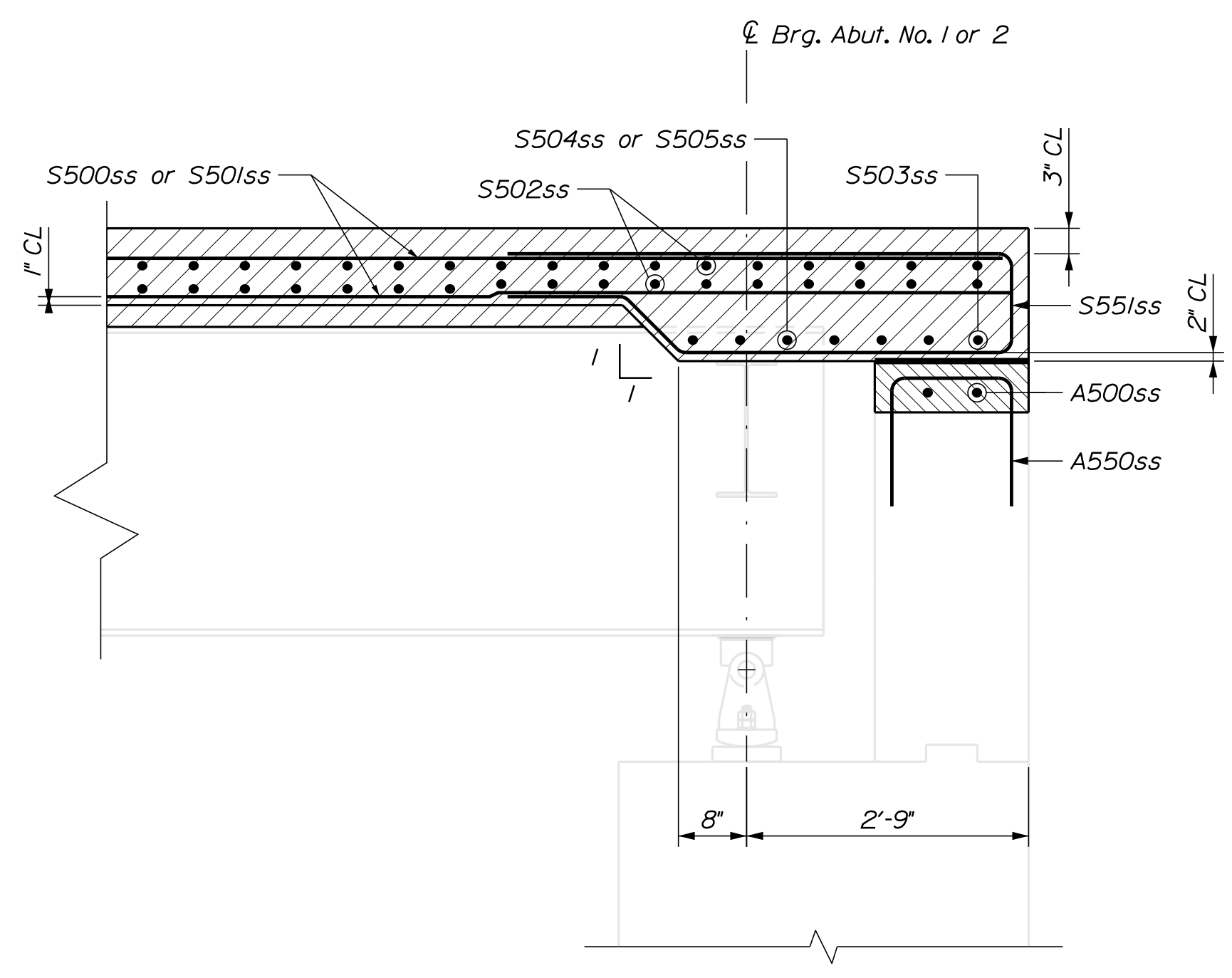
SHEET NUMBER  
**15**  
OF 20







SUPERSTRUCTURE REINFORCING SECTION



END DECK & ABUTMENT REINFORCING SECTION

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		021758.00	
WEST PARIS OXFORD COUNTY		BRIDGE NO. 3460	
PENLEY AVENUE BRIDGE LITTLE ANDROSCOGGIN RIVER		WIN 21758.00	
SUPERSTRUCTURE DETAILS		BRIDGE PLANS	
SHEET NUMBER			
18			
OF 20			

PROJ. MANAGER	D. EATON	BY	DATE
DESIGN-DETAILED	E. BREWER	J. LEAVITT	NOV. 2021
CHECKED-REVIEWED	C. STANFORD	M. CRITCHLOW	DEC. 2021
DESIGN-DETAILED	E. BREWER	M.R.P.	DEC. 2021
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE	P.E. NUMBER	DATE



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 \_\_\_\_\_

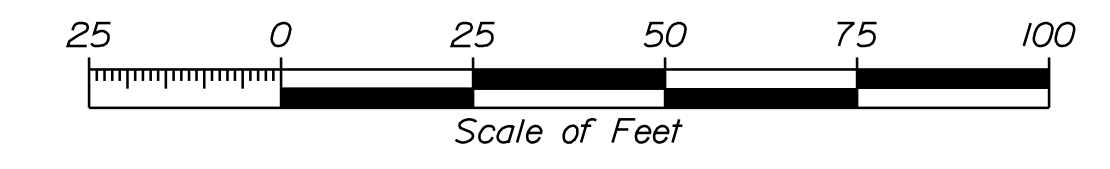
New R/W Along Existing R/W \_\_\_\_\_  
 Building \_\_\_\_\_  
 Trees Conifer \_\_\_\_\_  
 Tree Line \_\_\_\_\_  
 Water Edge \_\_\_\_\_  
 Ledge \_\_\_\_\_  
 Fence \_\_\_\_\_  
 Sign \_\_\_\_\_  
 Clearing Limit Line \_\_\_\_\_  
 Bush Line \_\_\_\_\_  
 Rock/Boulder \_\_\_\_\_  
 Flag Pole \_\_\_\_\_  
 CHAIN LINK \_\_\_\_\_  
 BARB WIRE \_\_\_\_\_  
 WELL \_\_\_\_\_  
 STOCKADE \_\_\_\_\_  
 Mailbox \_\_\_\_\_

**PLAN LEGEND**

Sanitary Sewer	Existing	Proposed
Telephone Line	Existing	Proposed
Electric Line	Existing	Proposed
Water Line	Existing	Proposed
Underdrain Line	Existing	Proposed
Gas Line	Existing	Proposed
Guardrail	Existing	Proposed
Culvert	Existing	Proposed
Traveled Way	Existing	Proposed
Ditch	Existing	Proposed
Catch Basin	Existing	Proposed
Manhole	Existing	Proposed
Sewer Manhole	Existing	Proposed
Utility Pole	Existing	Proposed
Fire Hydrant	Existing	Proposed
Curbing	Existing	Proposed

Cut Line \_\_\_\_\_  
 Stonewall \_\_\_\_\_  
 Baseline \_\_\_\_\_  
 Monument \_\_\_\_\_  
 Iron Rod Found \_\_\_\_\_  
 Replacement Pin Set \_\_\_\_\_  
 Fill Line \_\_\_\_\_  
 Retaining Wall \_\_\_\_\_  
 Traverse Point \_\_\_\_\_  
 Pipe Found \_\_\_\_\_

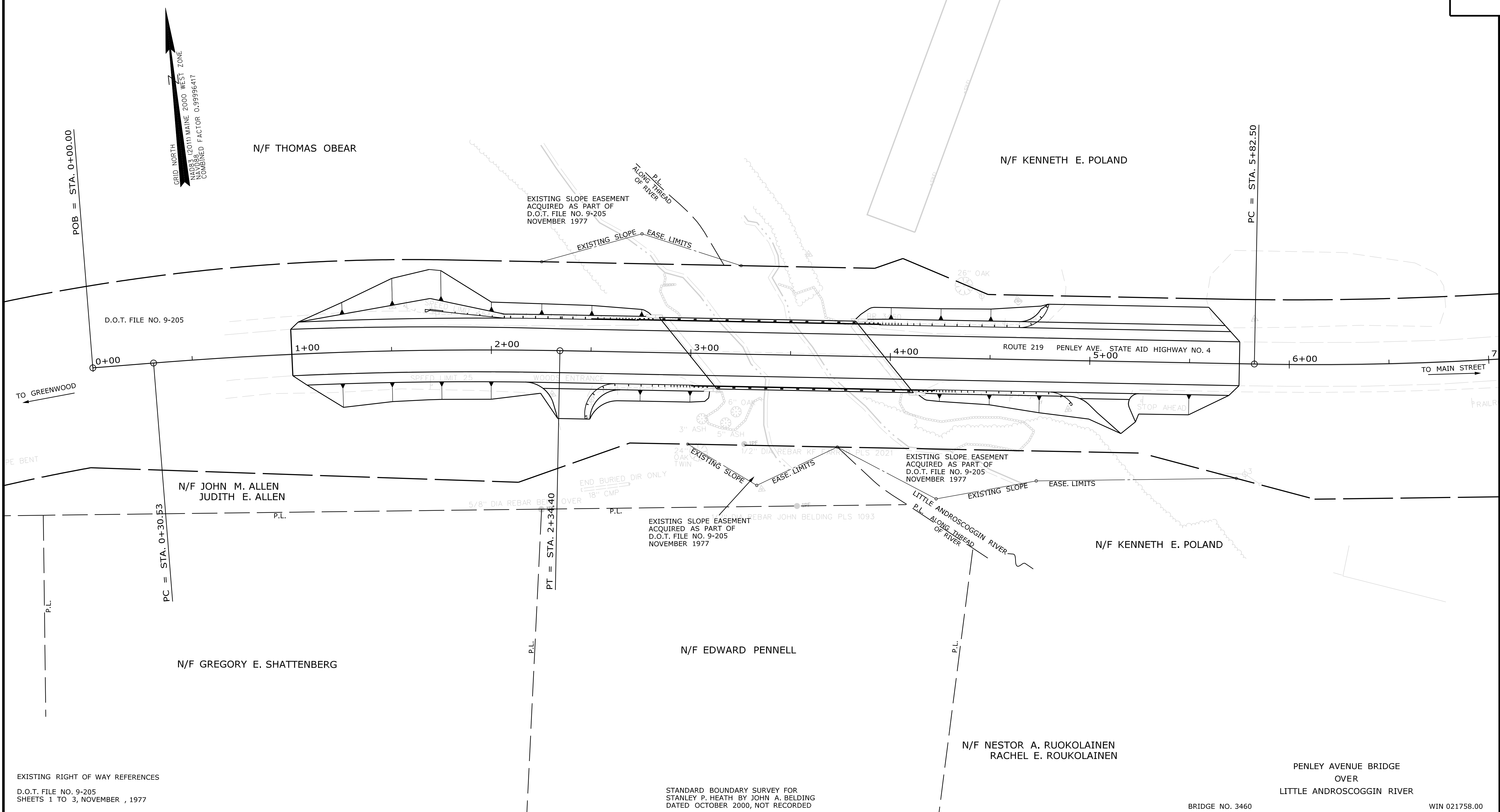
THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.



STATE OF MAINE  
 REGISTRY OF DEEDS

COUNTY \_\_\_\_\_  
 RECEIVED \_\_\_\_\_,  
 at \_\_\_\_\_ h \_\_\_\_\_ m \_\_\_\_\_ M and  
 recorded in Plan Bk \_\_\_\_\_, Pg. \_\_\_\_\_  
 Attest: \_\_\_\_\_  
 REGISTER

PLAN SHOWING THE PENLEY CORPORATION MILL PROPERTIES, BY POINTS NORTH SURVEYING DATED AUGUST 1998, NOT RECORDED



EXISTING RIGHT OF WAY REFERENCES  
 D.O.T. FILE NO. 9-205  
 SHEETS 1 TO 3, NOVEMBER, 1977

STANDARD BOUNDARY SURVEY FOR STANLEY P. HEATH BY JOHN A. BELDING DATED OCTOBER 2000, NOT RECORDED

BRIDGE NO. 3460 WIN 021758.00

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

STATE OF MAINE  
 DEPARTMENT OF TRANSPORTATION  
 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460  
 WEST PARIS  
 RIGHT OF WAY MAP

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

BRUCE A. VAN NOTE  
 COMMISSIONER  
 JOYCE NOEL TAYLOR  
 CHIEF ENGINEER

DATE \_\_\_\_\_

STATE AID HIGHWAY NO. 4  
 ROUTE 219 PENLEY AVENUE  
 WEST PARIS OXFORD COUNTY  
 STATE PROJECT NO. 21758.00

DECEMBER 2021 RIGHT-OF-WAY MAP  
 SCALE 1" = 25' SHEET 1 OF 1

SHEET NUMBER  
**20**  
 OF 20

Filename: ...\\001\ROW\MSTA001\_RWPLAN1.dgn  
 Division: BRIDGE  
 Username: Devon.C.Eaton  
 Date: 12/23/2021