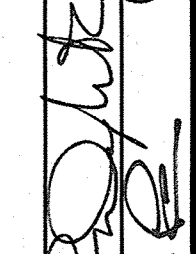
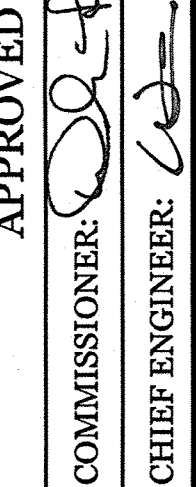
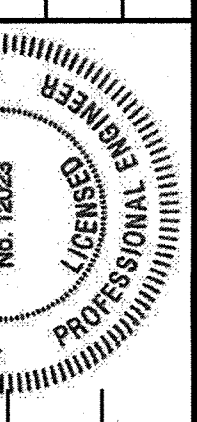


STATE OF MAINE DEPARTMENT OF TRANSPORTATION

PLANS PREPARED BY:
 600 Southborough Drive, Suite 100
 South Portland, Maine 04106

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED:  DATE: 3-1-24
 COMMISSIONER:  3-10-26
 CHIEF ENGINEER: 



CARIBOU AROOSTOOK COUNTY PRESTILE HILL BRIDGE ROUTE 164 (MAIN STREET) BRIDGE NO. 6599 FEDERAL PROJECT NO. 2284510 PROJECT LENGTH : 0.14 MILES

Description	Sheet No.
Title Sheet	1
General Notes & Estimated Quantities	2
Typical Sections	3
Boring Location Plan	4
Interpretive Subsurface Profile	5
Boring Logs	6
Plans	7-8
Profile	9-10
Cross Sections	11-20
Arch Culvert Details	21
Footing Plan	22
Footing Reinforcing Plan	23
Headwall & Wingwall Details	24-25
Substructure Sections	26
Stream Plan & Profile	27
Reinforcing Schedule	28
Detour Plan	29
Right of Way Plan	30-31

PLAN LEGEND	
Town, County, State	_____
Property Lines	_____
R/W Lines-Existing	_____
R/W Lines-Proposed	_____
Culvert-Existing	_____
Culvert Proposed	_____
Curbing Existing	_____
Curbing Proposed	_____
Type 1	_____
Type 3	_____
Type 5	_____
Outline of Bodies of Water	_____
Boring	HB-XXX-###
Pavement Core	PC-#
Test Pit	TP-XXX-###
Probe	P-#.X
## = Depth	
X = W (Weathered Rock)	
R (Refusal)	
NR (No Refusal)	
Centerline-Existing	_____
Centerline-Proposed	_____
Travelway-Existing	_____
Travelway-Proposed	_____
Railroad	_____
Catch Basins Existing	▣
Catch Basins Proposed	■
Manholes Existing	○
Manholes Proposed	●
Proposed Underdrain	_____
Proposed Ditch	_____
Existing Ditch	_____
Utility Poles Existing	◇
Utility Poles Proposed	◆
Fire Hydrants Existing	⊙
Fire Hydrants Proposed	⊚
Existing Water Line	_____
Existing San. Sewer	_____
Existing San. Sewer Manhole	⊙
Guardrail-Existing	_____
Guardrail-Proposed	_____
Guardrail-Cable, Other	_____
Exposed Bedrock	_____
Buildings	_____
Trees Conifer	⊕
Trees Deciduous	⊗
Tree Line	_____
Clearing Limit Line	_____

HYDROLOGIC DATA

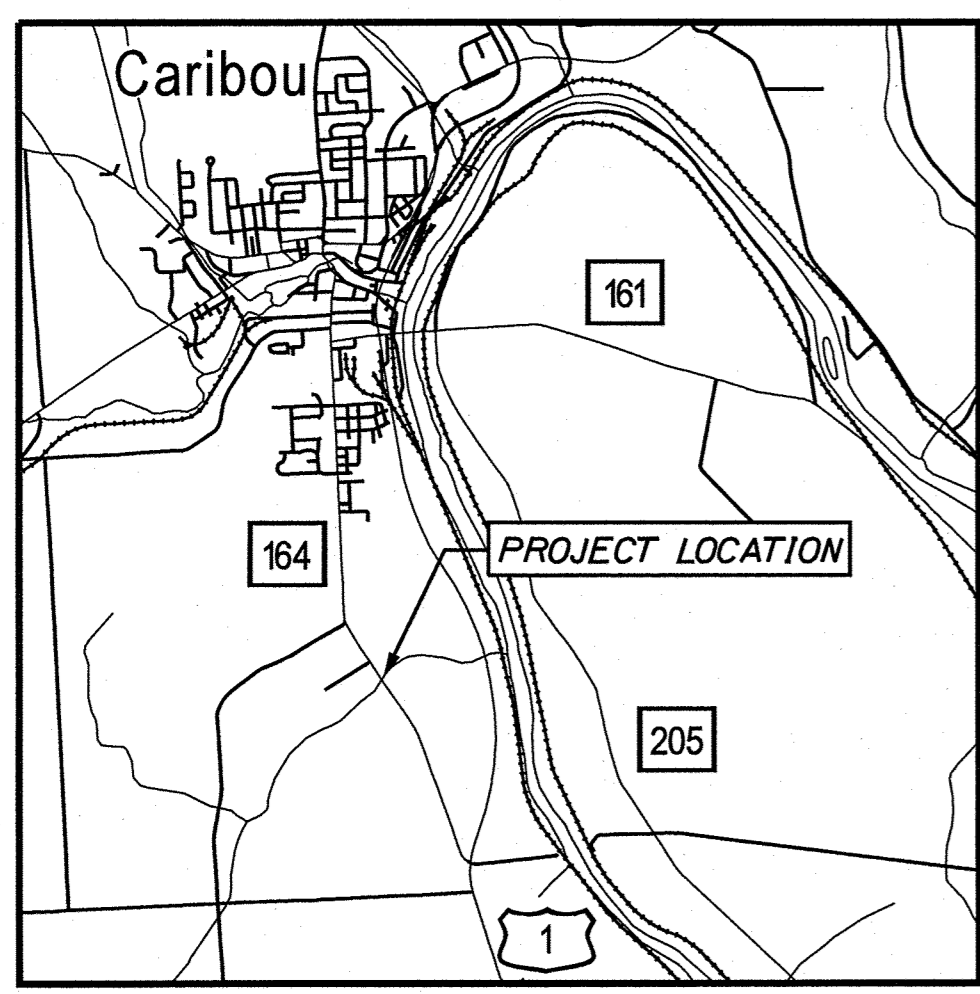
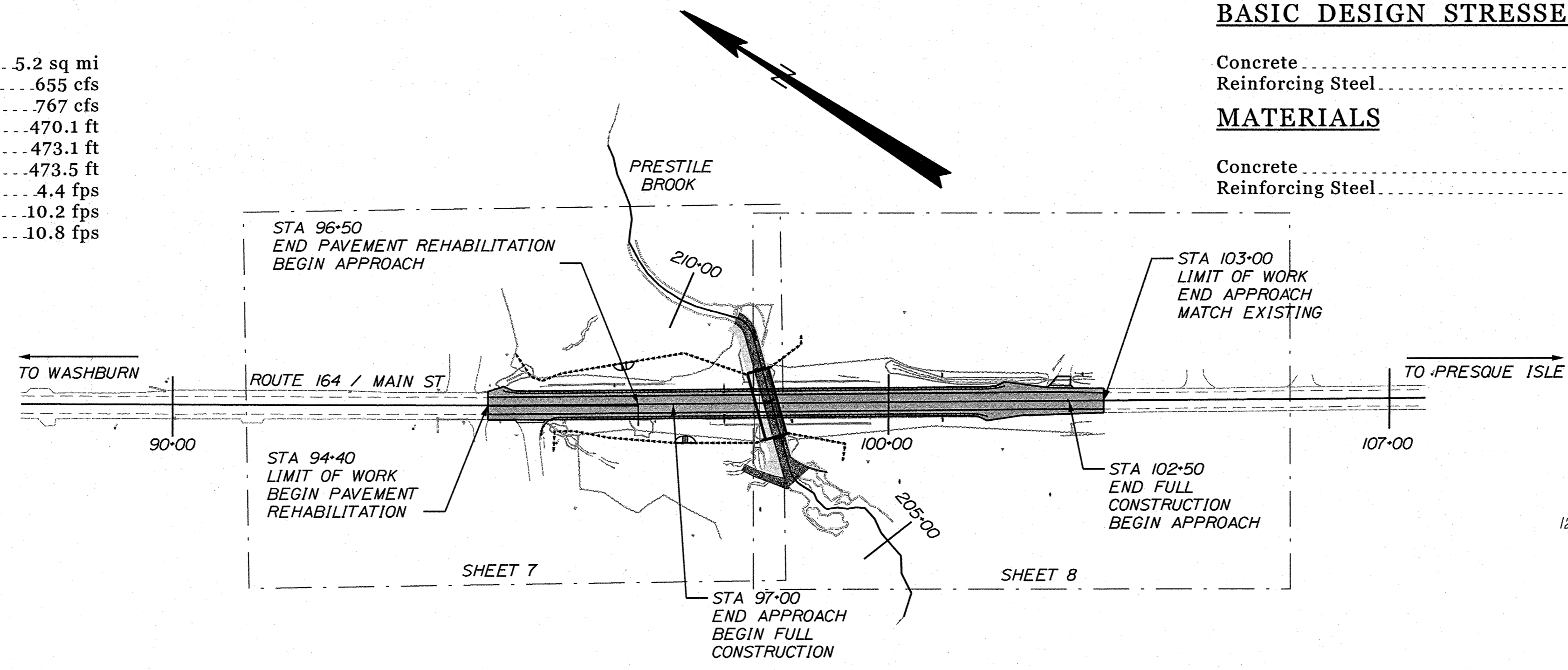
Drainage Area	5.2 sq mi
Design Discharge (Q50)	655 cfs
Check Discharge (Q100)	767 cfs
Headwater Elevation (Q1.1)	470.1 ft
Headwater Elevation (Q50)	473.1 ft
Headwater Elevation (Q100)	473.5 ft
Discharge Velocity (Q1.1)	4.4 fps
Discharge Velocity (Q50)	10.2 fps
Discharge Velocity (Q100)	10.8 fps

BASIC DESIGN STRESSES

Concrete	f'c = 4,000 psi
Reinforcing Steel	f'y = 60,000 psi

MATERIALS

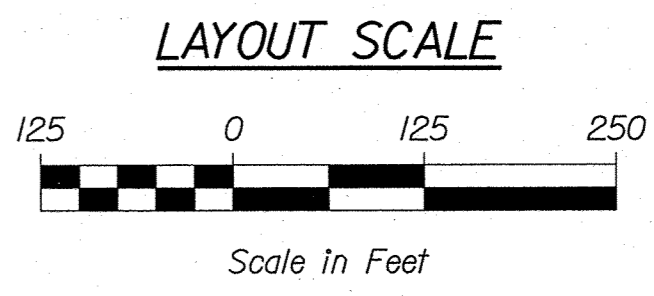
Concrete	Class "A"
Reinforcing Steel	ASTM A 615/A 615M, Grade 60



Scale in Miles
LOCATION MAP

TRAFFIC DATA	
Current (2026) AADT	2080
Future (2046) AADT	2290
DHV - % of AADT	10%
Design Hour Volume	229
% Heavy Trucks (AADT)	10%
% Heavy Trucks (DHV)	22%
Directional Distribution (DHV)	58%
18 kip Equivalent P 2.0	74
18 kip Equivalent P 2.5	70
Design Speed (mph)	50
Functional Class:	Major Collector
Corridor Priority	Priority 4

PROJECT LOCATION:	LOCATED ON RT. 164, 1.10 MILES NORTH OF THE RT. 1 INTERSECTION
PROGRAM AREA:	HIGHWAY
SCOPE OF WORK:	LARGE CULVERT REPLACEMENT



WIN 22845.10 FEDERAL PROJECT NO. 2284510

CARIBOU
PRESTILE HILL BRIDGE
TITLE SHEET

SHEET NUMBER
1
OF 31

Date: 2/4/2026
Username: bdarrch
Division: HIGHWAY
Filename: ...00\HIGHWAY\MSTA 001_Title.dgn

GENERAL NOTES:

1. THE CLEARING LIMIT LINES SHOWN ON THE PLANS ARE FOR REFERENCE PURPOSES ONLY. CLEARING WAS COMPLETED UNDER A PRIOR PROJECT, THE EXTENTS OF THAT CLEARING ARE THE CLEARING LIMIT LINES SHOWN ON THESE PLANS. IF ADDITIONAL CLEARING IS NECESSARY, THE CONTRACTOR SHALL DISCUSS WITH THE RESIDENT AND ADDITIONAL CLEARING SHALL NOT PROCEED WITHOUT THE RESIDENT'S APPROVAL.
2. SLOPE LIMITS SHOWN ON THESE PLANS ARE BASED UPON THE FINAL CONDITION ONLY.
3. THE CONTRACTOR SHALL PLAN AND CONDUCT WORK SO THAT UPON COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF THE SHOULDER PAVEMENT.
4. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING, SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.
5. REQUIRED DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSES ONLY. THE ACTUAL TYPE AND LOCATION OF DITCH PROTECTION MAY BE ALTERED BY THE RESIDENT.
6. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1 FOOT ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATIONS ITEM 703.19, GRANULAR BORROW.
7. EXISTING INSLOPES IN PROPOSED FILL AREAS SHALL BE BENCHED BY EXCAVATING STEPS OF SUFFICIENT WIDTH TO PERMIT PLACING AND COMPACTING THE FILL MATERIAL ALONG WITH THE MATERIAL REMOVED.
8. A 3-FOOT PAVED APRON SHALL BE PLACED AT ALL UNPAVED ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
9. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING OR MILLING SHALL BE INCIDENTAL TO THE RELATED PAVING OR MILLING ITEMS. THIS INCLUDES KILLING AND REMOVAL OF ALL VEGETATIVE MATTER.
10. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
11. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTH-LINED PIPES.
12. GUARDRAIL END TREATMENTS ON ACTIVE ROADWAYS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.
13. ALL EXISTING GUARDRAIL REMOVED AND NOT REUSED ON THE PROJECT WILL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.
14. TWO REFLECTORIZED FLEXIBLE GUARDRAIL MARKERS (STANDARD SPECIFICATIONS ITEM 606.353, REFLECTORIZED FLEXIBLE GUARDRAIL MARKER) WILL BE INSTALLED AT EACH GUARDRAIL END.
15. LOAM HAS BEEN ESTIMATED FOR DISTURBED LAWN AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE DESIGNATED BY THE RESIDENT.
16. UNLESS OTHERWISE NOTED, SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL AREAS.
17. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES UNLESS OTHERWISE NOTED OR DIRECTED.
18. ANY DAMAGE TO THE SLOPES CAUSED BY THE CONTRACTOR'S EQUIPMENT, PERSONNEL, OR OPERATION SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT. ALL WORK, EQUIPMENT, AND MATERIALS REQUIRED TO MAKE REPAIRS SHALL BE AT THE CONTRACTOR'S EXPENSE.
19. THE PROJECT GEOTECHNICAL REPORT TITLED "GEOTECHNICAL DESIGN REPORT FOR THE CONSTRUCTION OF PRESTILE HILL BRIDGE", SOILS REPORT 2026-05, JANUARY 21, 2026 CAN BE ACCESSED AT THE MAINE DOT WEBSITE [HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/](http://www.maine.gov/mdot/contractors/).
20. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THE BID DOCUMENTS IS FOR THE USE OF THE BIDDERS. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF THE ACTUAL SUBSURFACE CONDITIONS THROUGHOUT THE CONSTRUCTION SITE. MAINE DOT WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSIONS DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS PROVIDED IN THE BID DOCUMENTS (IF ANY) PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.
21. AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
22. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE MINIMUM QUANTITY REQUIRED TO INSTALL DRAINAGE STRUCTURES. ADDITIONAL EXCAVATION FOR THE CONTRACTOR'S CONVENIENCE OR TO COMPLY WITH BACKSLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.
23. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT AND LAYOUT OF WORK BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.
24. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
25. FOR EASEMENTS, CONSTRUCTION LIMITS, AND RIGHT OF WAY LINES, REFER TO THE RIGHT OF WAY MAP.
26. PROTECTIVE COATING FOR CONCRETE SURFACES SHALL BE APPLIED TO THE FOLLOWING AREAS:
ALL EXPOSED SURFACES OF CONCRETE HEADWALLS, TOP OF WINGWALLS, AND TO ONE FOOT BELOW THE GROUND ON VERTICAL WALLS AGAINST EARTH
27. PROJECT INFORMATION REFERRED TO BELOW MAY BE ACCESSED AT THE FOLLOWING MAINE DOT WEB ADDRESS: <http://www.maine.gov/mdot/contractors>
28. ALL COSTS FOR COFFERDAMS, INCLUDING PUMPING, MAINTENANCE, RELATED TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROLS, AND REMOVAL, WILL NOT BE PAID FOR DIRECTLY, BUT WILL BE CONSIDERED INCIDENTAL TO RELATED CONTRACT ITEMS.
29. ALL EMBANKMENT MATERIAL, EXCEPT AS OTHERWISE SHOWN, PLACED BELOW EL. 470.1 SHALL BE GRANULAR BORROW MEETING THE REQUIREMENTS OF STANDARD SPECIFICATIONS SUBSECTION 703.19, GRANULAR BORROW, MATERIAL FOR UNDERWATER BACKFILL.
30. REMOVAL OF THE EXISTING STRUCTURE SHALL BE CONSIDERED INCIDENTAL TO ITEM NUMBER 206.082.
31. REPORTS ON HYDROLOGY AND/OR HYDRAULICS APPLICABLE TO THE BRIDGE SITE MAY BE ACCESSED AT THE MAINE DOT WEB ADDRESS. THE REPORTS ARE BASED ON MAINE DOT'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.

ESTIMATED QUANTITIES

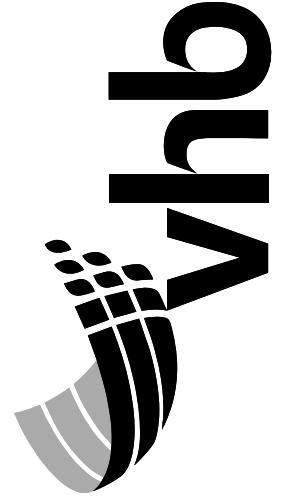
ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.24	Removing Stump	5	EA
203.20	Common Excavation	3400	CY
203.25	Granular Borrow	5000	CY
203.33	Special Fill	180	CY
206.082	Structural Earth Excavation - Major Structures, Plan Quantity	5250	CY
304.16	Aggregate Subbase Course Gravel - Type C	2300	CY
403.2081	Hot Mix Asphalt, 12.5mm Polymer Modified (Surface)	430	T
403.2131	Hot Mix Asphalt, 12.5mm Polymer Modified (Base)	430	T
409.15	Bituminous Tack Coat, Applied	116	Gallon
411.09	Untreated Aggregate Surface Course	32	CY
502.219	Structural Concrete, Abutments and Retaining Walls (1330 CY)	1	LS
503.12	Reinforcing Steel, Fabricated & Delivered	167000	LB
503.13	Reinforcing Steel, Placing	167000	LB
508.13	Sheet Waterproofing Membrane (600 SY)	1	LS
511.07	Cofferdam: Upstream	1	LS
511.07	Cofferdam: Downstream	1	LS
512.081	French Drain (490 LF)	1	LS
515.21	Protective Coating for Concrete Surfaces (270 SY)	1	LS
534.701	Precast Structural Concrete Arch, State Supplied (325 CY)	1	LS
603.179	18" Culvert Pipe Option III	32	LF
603.20	30" Culvert Pipe Option I	34	LF
604.18	Adjusting Manhole or Catch Basin to Grade	1	EA
604.262	Catch Basin Type B5-C	2	EA
606.1301	31" W-Beam Guardrail, Mid-Way Splice - Single Faced	1188	LF
606.1304	31" W-Beam Guardrail, Mid-Way Splice - Over 15' Radius	38	LF
606.1305	31" W-Beam Guardrail, Mid-Way Splice - Flared Terminal	3	EA
606.265	Terminal End - Single Rail - Galvanized Steel	1	EA
606.353	Reflectorized Flexible Guardrail Marker	8	EA
607.09	Woven Wire Fence - Metal Posts	840	LF
607.093	Deep Escape Jump Out	2	EA
607.32	Bracing Assembly Type I - Metal Posts	12	EA
607.33	Bracing Assembly Type II - Metal Posts	7	EA
609.31	Curb Type 3	38	LF
610.08	Plain Riprap	580	CY
610.18	Stone Ditch Protection	21	CY
610.212	Streambed Rock Features	11	CY
610.214	Void-Filled Heavy Riprap	530	CY
613.319	Erosion Control Blanket	760	SY
615.07	Loam	790	CY
618.14	Seeding Method Number 2	64	Unit
619.12	Mulch	64	Unit
620.58	Erosion Control Geotextile	1050	SY
627.733	4" White or Yellow Painted Pavement Marking Line	2600	LF
629.05	Hand Labor, Straight Time	50	HR
631.12	All Purpose Excavator (Including Operator)	125	HR
631.132	Small Bulldozer (Including Operator)	50	HR
631.14	Grader (Including Operator)	50	HR
631.15	Roller, Earth or Base (Including Operator)	20	HR
631.172	Truck - Large (Including Operator)	250	HR
631.18	Chain Saw Rental (Including Operator)	15	HR
631.20	Stump Chipper (Including Operator)	15	HR
631.22	Front End Loader (Including Operator)	50	HR
639.19	Field Office, Type B	1	EA
645.106	Demount Regulatory, Warning, Confirmation & Route Marker Assembly Sign	4	EA
645.116	Reinstall Regulatory, Warning, Confirmation & Route Marker Assembly Sign	4	EA
652.312	Type III Barricades	6	EA
652.33	Drum	25	EA
652.34	Cone	75	EA
652.35	Construction Signs	180	SF
652.361	Maintenance of Traffic Control Devices	1	LS
652.38	Flagger	40	HR
652.41	Portable Changeable Message Sign	2	EA
652.61	Staged Construction and Traffic Control	1	LS
656.75	Temporary Soil Erosion and Water Pollution Control	1	LS
659.10	Mobilization	1	LS

Date: 2/17/2026

Username: badarrch

Division: HIGHWAY

Filename: ... \002_General_Notes_Estimated0.dgn



CARIBOU
PRESTILE HILL BRIDGE
GENERAL NOTES &
ESTIMATED QUANTITIES

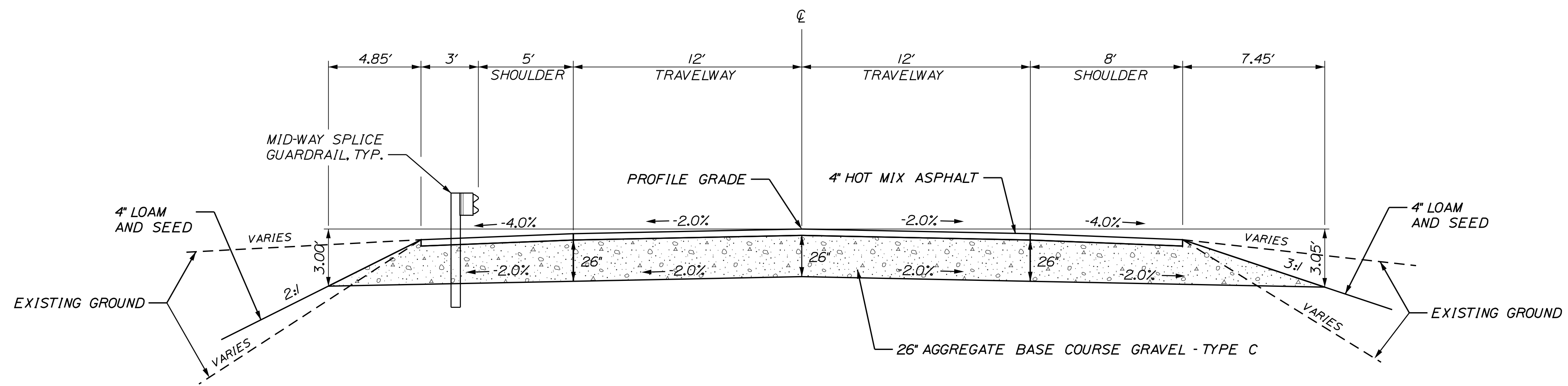
SHEET NUMBER

2

OF 31

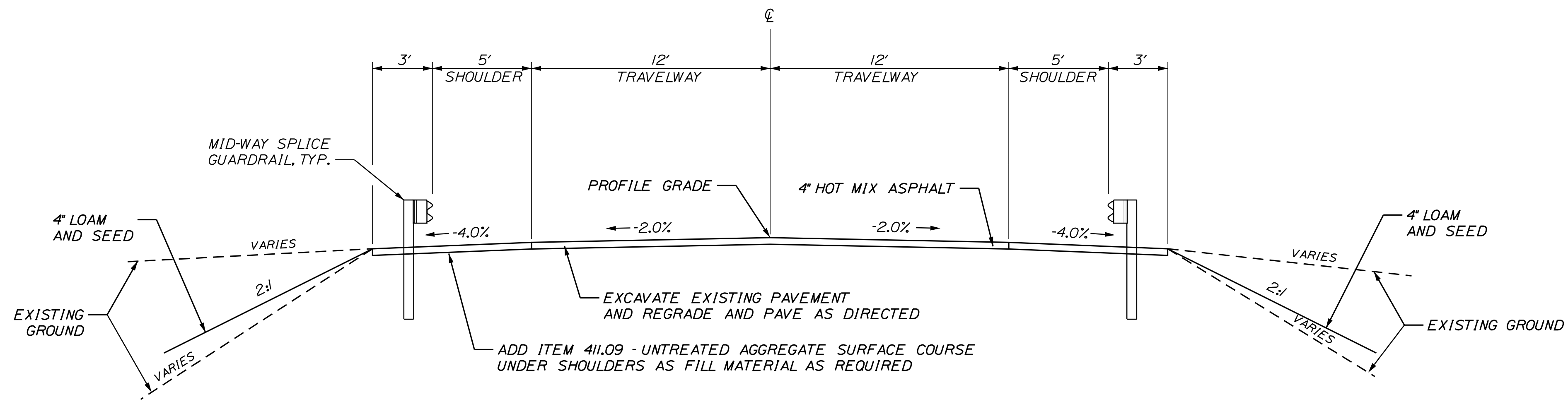
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
FEDERAL PROJECT NO. 2284510
BRIDGE NO. 6599
WIN
22845.10
HIGHWAY PLANS

PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN-DETAILED	LAIS	BMD	1/2026
CHECKED-REVIEWED	ECF	AG	1/2026
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			



ME ROUTE 164
RECONSTRUCTION TYPICAL SECTION

STA. 97+00 - 103+00

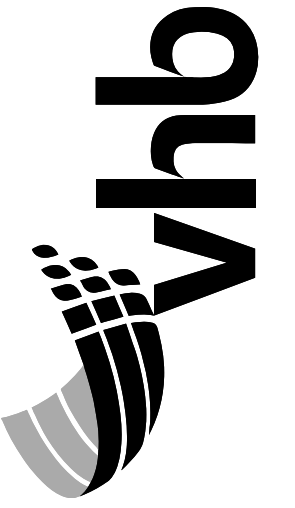


ME ROUTE 164
REHABILITATION TYPICAL SECTION

STA. 94+40 - 96+50

NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
3. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 4" LOAM DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
4. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN-DETAILED	ANS	BMD	1/2026
CHECKED-REVIEWED	ECF	AG	1/2026
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU
PRESTILE HILL BRIDGE
TYPICAL SECTIONS

SHEET NUMBER

3

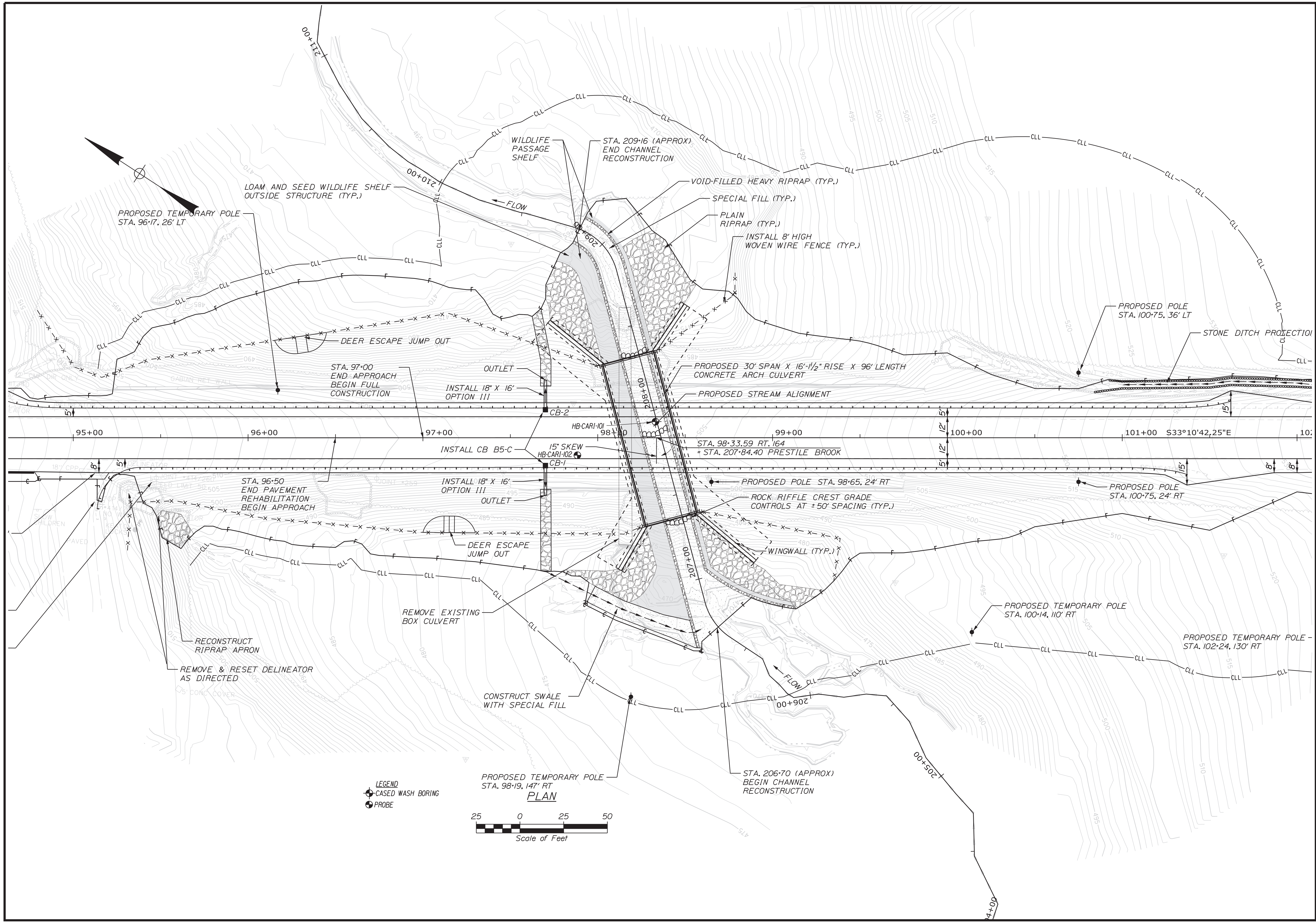
OF 31

NOT TO SCALE

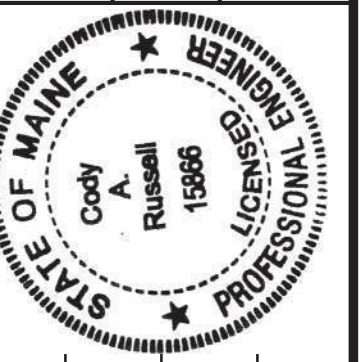
Username: Cody A. Russell

Date: 1/29/2026

Division: ... \00\GEO\TECH\STA\004_BLP1.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2284510
WIN
22845.10
HIGHWAY PLANS



Signature: Cody A. Russell
Date: 1/27/2026
P.E. Number: 15866

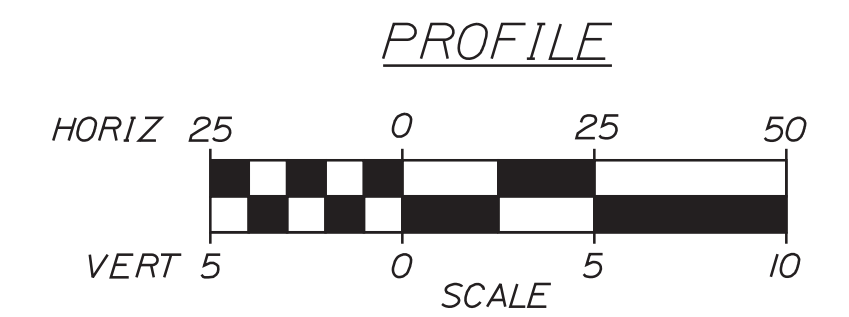
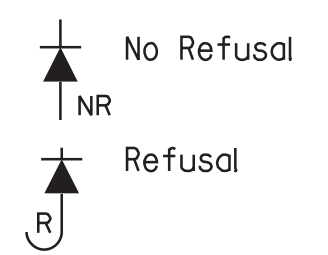
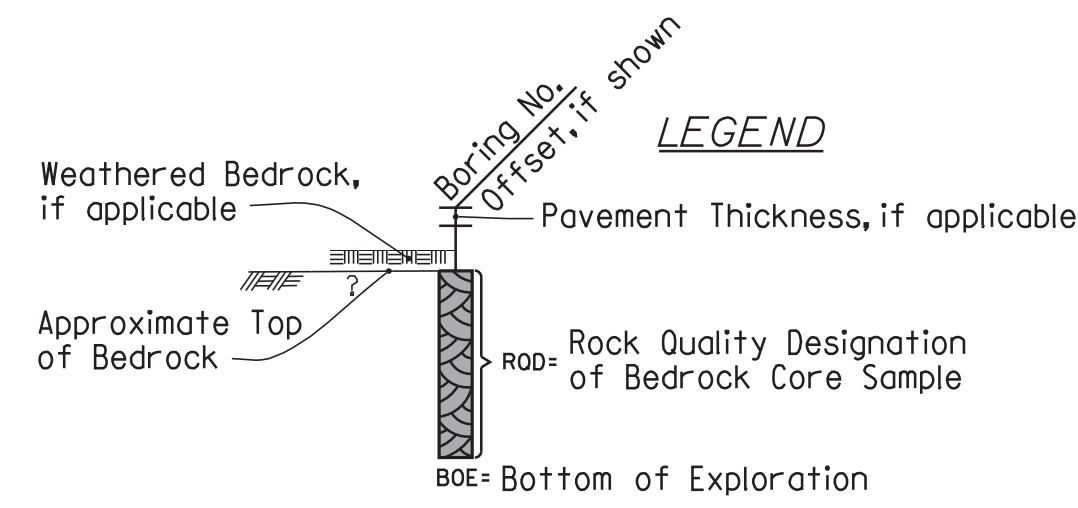
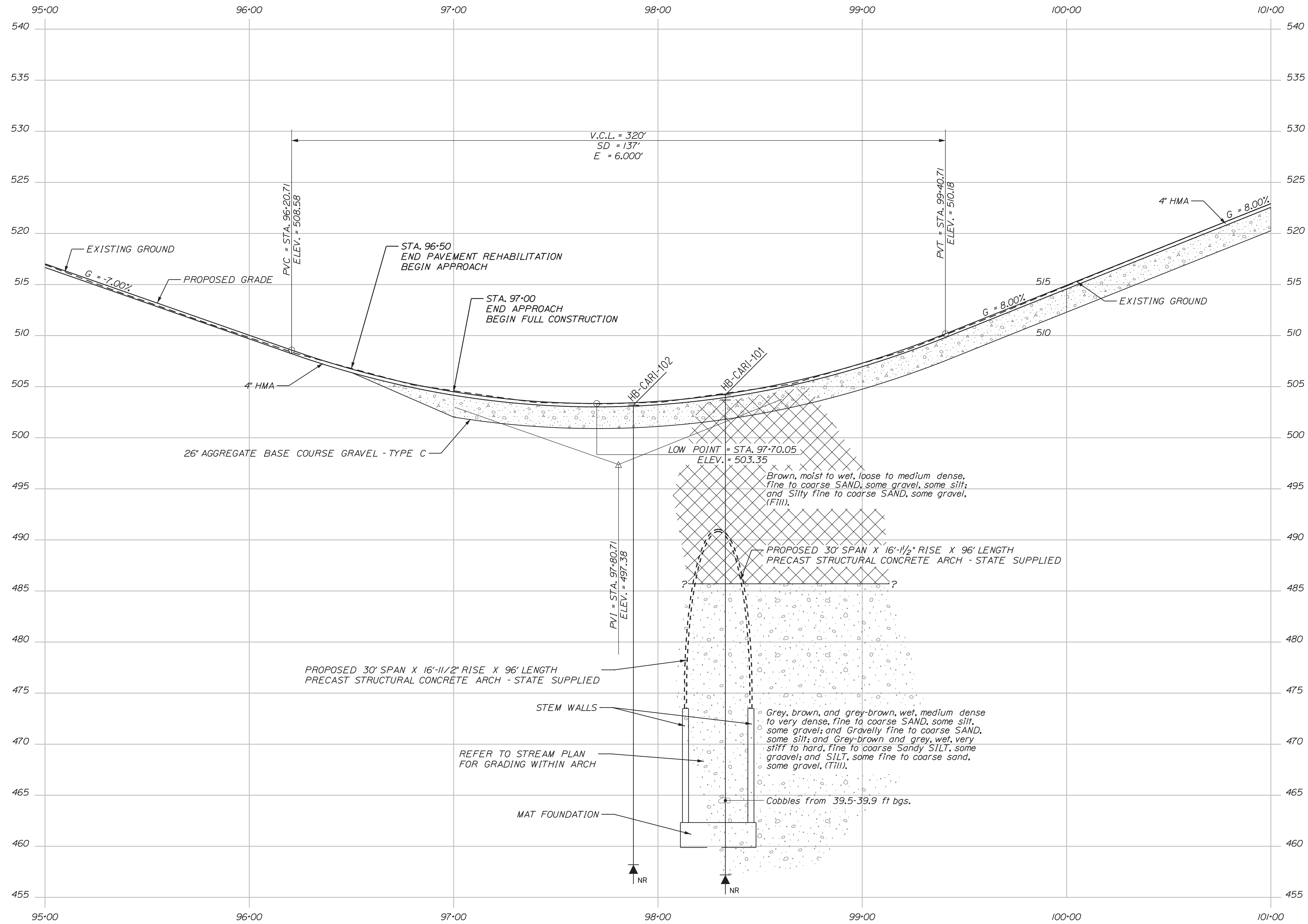
PROJ. MANAGER	DATE	BY	R.SOCY
T. WHITE	JAN 2026	T. WHITE	

DESIGN/REVIEWED	DESIGN/DET/ALD	YT LEE
DESIGN/DET/ALD	DESIGN/DET/ALD	

REVISIONS	DATE	FIELD CHANGES
1		
2		
3		
4		

CARIBOU HILL BRIDGE
PRESTILE BROOK
BORING LOCATION PLAN

SHEET NUMBER
4
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.



Cody A. Russell
 SIGNATURE
 15866
 P.E. NUMBER
 1/27/2026
 DATE

PROJ. MANAGER	DATE	BY	R. SOUCY	DESIGN-REVIEWED	DESIGN-DETAILED	DESIGN-DETAILED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
	JAN 2026	T. WHITE	Y. LEE									

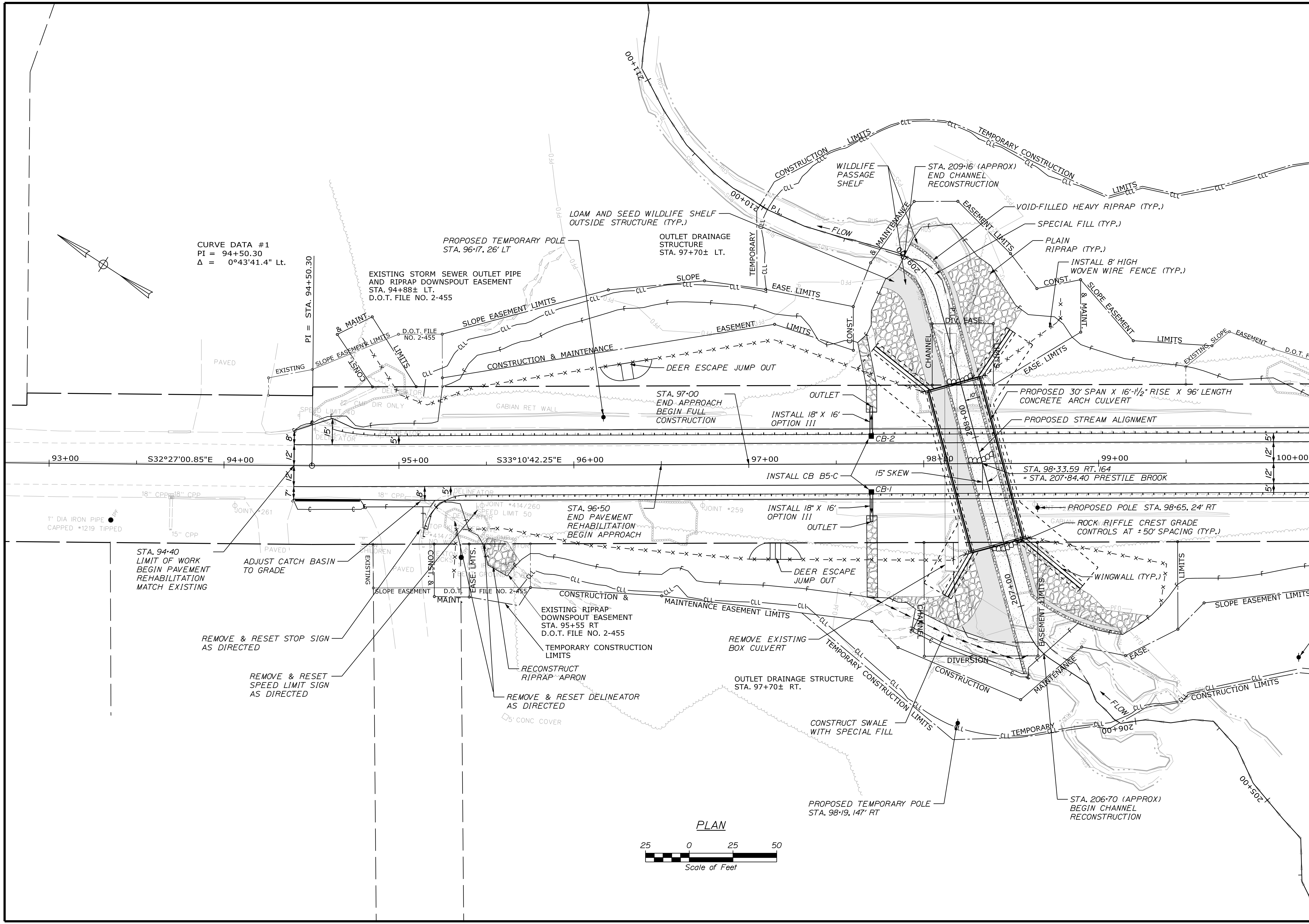
CARIBOU HILL BRIDGE
 PRESTILE HILL BRIDGE
 INTERPRETIVE SUBSURFACE
 PROFILE

Date: 1/30/2026

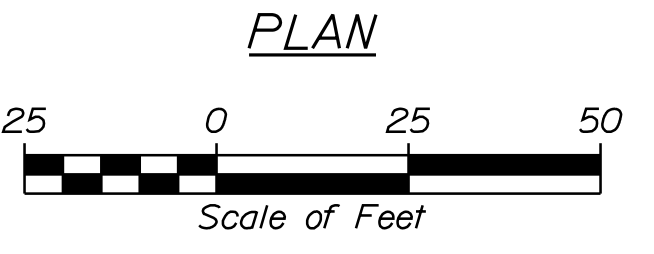
Username: bdarrch

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTAN010_HDPlan1.dgn



CURVE DATA #1
 PI = 94+50.30
 Δ = 0°43'41.4" Lt.



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		FEDERAL PROJECT NO. 2284510	
BRIDGE NO. 6599		WIN 22845.10	
HIGHWAY PLANS			

PROJ. MANAGER	R. SOUCY	BY	DATE
DESIGN-DETAILED	AJS	BND	1/2026
CHECKED-REVIEWED	AG	AG	1/2026
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU HILL BRIDGE	PLANS
PRESTILE BROOK	
SHEET NUMBER	
OF 31	



Date: 1/30/2026

Username: bdarrach

Division: HIGHWAY

Filename: ... \HIGHWAY\MST\1010_HDPlan2.dgn

ITEM 603.179 - 18" CULVERT PIPE OPTION III

LOCATION	OFFSET	QUANTITY (LF)
97+70	RT	16
97+70	LT	16

ITEM 603.20 - 30" CULVERT PIPE OPTION I

LOCATION	OFFSET	QUANTITY (LF)
102+25 TO 102+59	LT	34

ITEM 604.18 - ADJUST CATCH BASIN TO GRADE

STATION	OFFSET	QUANTITY (EA)
95+15	19.4' RT	1

ITEM 604.262 - CATCH BASIN TYPE B5-C

STATION	OFFSET	QUANTITY (EA)
97+70	16.0' RT	1
97+70	16.0' LT	1

ITEM 606.1301 - 3" W-BEAM GUARDRAIL MID-WAY SPLICE - SINGLE FACED

STATION TO STATION	OFFSET	QUANTITY (LF)
95+00 TO 101+25	LT	625.0
95+37.50 TO 101+00	RT	562.5

ITEM 606.1304 - 3" W-BEAM GUARDRAIL MID-WAY SPLICE - OVER 15' RADIUS

STATION TO STATION	OFFSET	RADIUS	QUANTITY (LF)
95+13.75 TO 95+37.50	RT	25'	37.5

ITEM 606.1305 - 3" W-BEAM GUARDRAIL MID-WAY SPLICE FLARED TERMINAL

STATION TO STATION	OFFSET	QUANTITY (EA)
94+62.50 TO 95+00	LT	1
101+00 TO 101+37.50	RT	1
101+25 TO 101+62.50	LT	1

ITEM 606.265 - TERMINAL END SINGLE RAIL GALVANIZED STEEL

STATION	OFFSET	QUANTITY (EA)
95+13.75	RT	1

ITEM 606.353 - REFLECTORIZED FLEXIBLE GUARDRAIL MARKER

LOCATION	QUANTITY (EA)
ALL LOCATIONS	8

ITEM 607.09 - WOVEN WIRE FENCE - METAL POSTS

STATION TO STATION	OFFSET	QUANTITY (LF)
94+75 TO 96+27	LT	170
96+33 TO 98+00	LT	174
95+25 TO 97+12	RT	211
97+18 TO 98+25	RT	108
98+35 TO 98+80	LT	67
98+55 TO 99+40	RT	106

ITEM 607.093 - DEER ESCAPE JUMP OUT

STATION	OFFSET	QUANTITY (EA)
96+30	LT	1
97+15	RT	1

ITEM 607.32 - BRACING ASSEMBLY TYPE I - METAL POSTS

STATION	OFFSET	QUANTITY (EA)
94+80	LT	1
95+25	RT	1
96+27	LT	1
96+33	LT	1
97+12	RT	1
97+18	RT	1
98+00	LT	1
98+20	RT	1
98+35	LT	1
98+55	RT	1
98+80	LT	1
99+35	RT	1

ITEM 607.33 - BRACING ASSEMBLY TYPE II - METAL POSTS

STATION	OFFSET	QUANTITY (EA)
95+00	LT	1
95+15	LT	1
95+30	RT	1
97+15	LT	1
98+10	RT	1
98+80	LT	1
99+40	RT	1

ITEM 609.31 - CURB TYPE 3

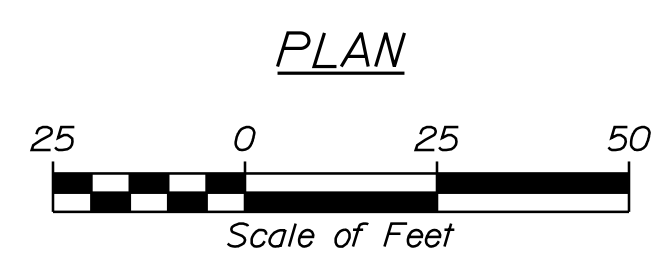
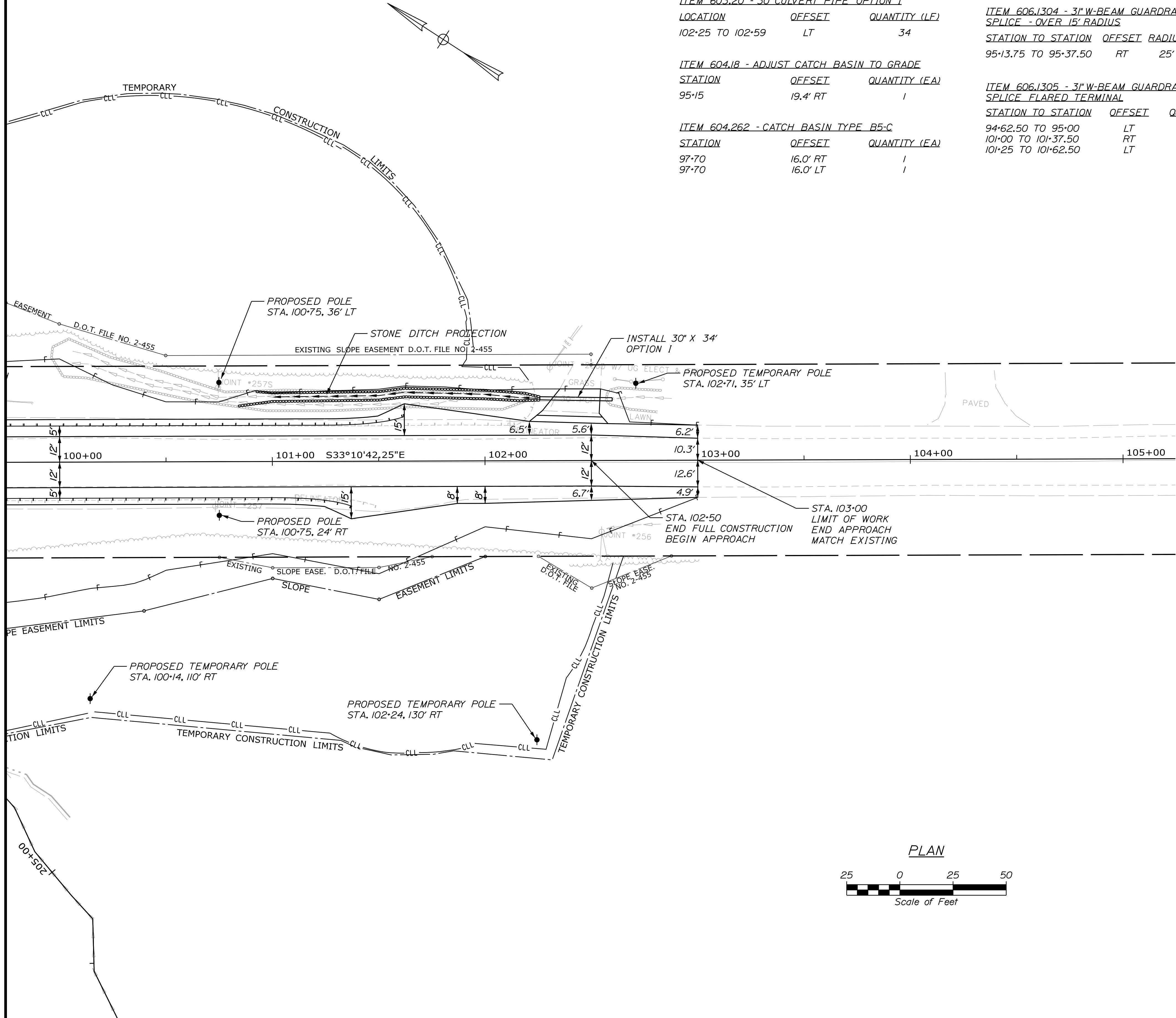
STATION TO STATION	OFFSET	QUANTITY (EA)
94+40 TO 94+78	RT	38

ITEM 610.08 - PLAIN RIPRAP

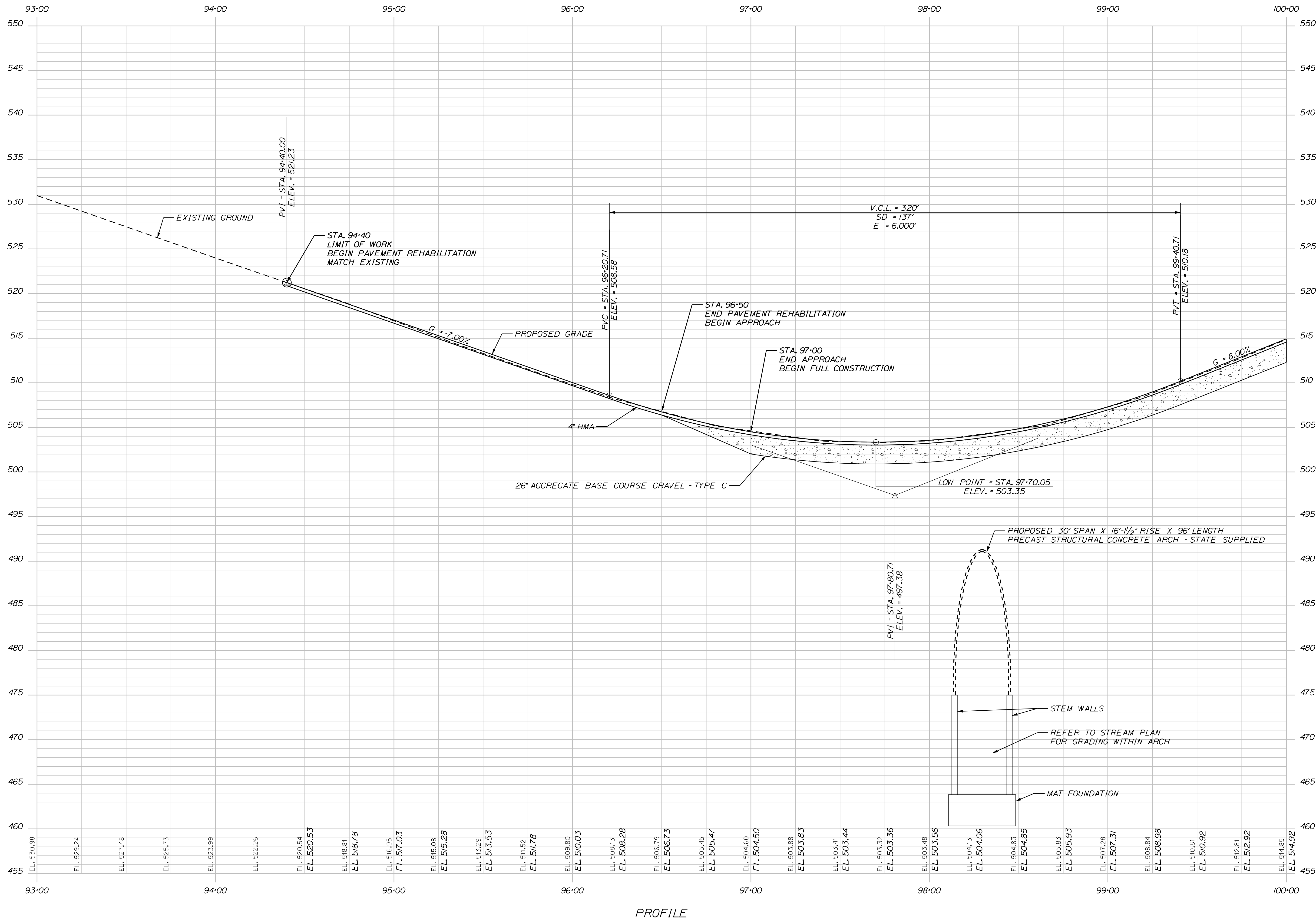
STATION	OFFSET	QUANTITY (CY)
95+48 TO 95+70	RT	35.5
97+70	RT	17.3
97+70	LT	15.8
97+72 TO 98+03	LT	112.5
97+80 TO 98+33	RT	97.1
98+15 TO 98+55	LT	177.0
98+60 TO 99+30	RT	121.6

ITEM 620.58 - EROSION CONTROL GEOTEXTILE

STATION	OFFSET	QUANTITY (SY)
95+48 TO 95+70	RT	57.3
97+70	RT	69.4
97+70	LT	63.5
97+72 TO 98+03	LT	159.3
97+80 TO 98+33	RT	149.4
98+15 TO 98+55	LT	232.3
98+60 TO 99+30	RT	185.6
100+85 TO 102+25	LT	93.3

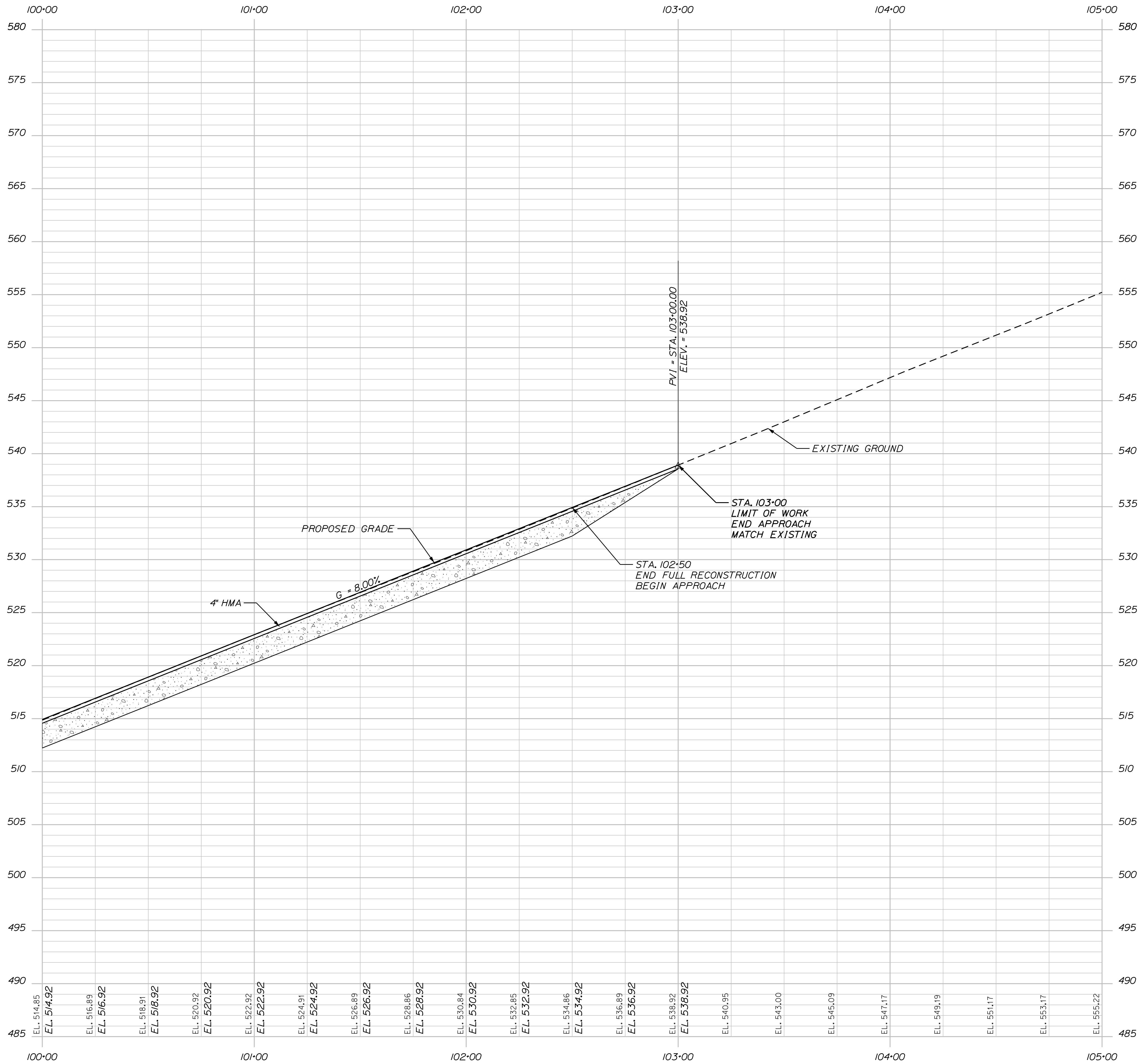


STATE OF MAINE DEPARTMENT OF TRANSPORTATION FEDERAL PROJECT NO. 2284510 WIN 22845.10 BRIDGE NO. 6599 HIGHWAY PLANS																																								
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PROJ. MANAGER</th> <th>R. SOURCE</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DESIGN-DETAILED</td> <td>ANS</td> <td>BMD</td> <td>1/2026</td> </tr> <tr> <td>CHECKED-REVIEWED</td> <td>ECF</td> <td>AG</td> <td>1/2026</td> </tr> <tr> <td>DESIGN-DETAILED</td> <td></td> <td></td> <td></td> </tr> <tr> <td>DESIGN-DETAILED</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 4</td> <td></td> <td></td> <td></td> </tr> <tr> <td>FIELD CHANGES</td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	PROJ. MANAGER	R. SOURCE	BY	DATE	DESIGN-DETAILED	ANS	BMD	1/2026	CHECKED-REVIEWED	ECF	AG	1/2026	DESIGN-DETAILED				DESIGN-DETAILED				REVISIONS 1				REVISIONS 2				REVISIONS 3				REVISIONS 4				FIELD CHANGES			
PROJ. MANAGER	R. SOURCE	BY	DATE																																					
DESIGN-DETAILED	ANS	BMD	1/2026																																					
CHECKED-REVIEWED	ECF	AG	1/2026																																					
DESIGN-DETAILED																																								
DESIGN-DETAILED																																								
REVISIONS 1																																								
REVISIONS 2																																								
REVISIONS 3																																								
REVISIONS 4																																								
FIELD CHANGES																																								
CARIBOU HILL BRIDGE PRESTILE HILL BRIDGE PLANS																																								
SHEET NUMBER <div style="font-size: 2em; font-weight: bold; margin: 10px 0;">8</div> OF 31																																								

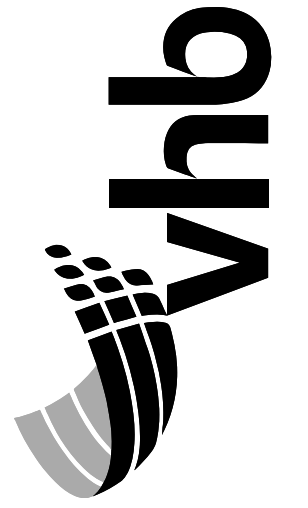


PROFILE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION FEDERAL PROJECT NO. 2284510	BRIDGE NO. 6599 WIN 22845.10 HIGHWAY PLANS																																				
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>PROJ. MANAGER</th> <th>R. SOUCY</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>DESIGN DETAILED</td> <td>ANS</td> <td>BMD</td> <td>1/2026</td> </tr> <tr> <td>CHECKED-REVIEWED</td> <td>ECF</td> <td>AG</td> <td>1/2026</td> </tr> <tr> <td>DESIGNS DETAILED</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 1</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 2</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 3</td> <td></td> <td></td> <td></td> </tr> <tr> <td>REVISIONS 4</td> <td></td> <td></td> <td></td> </tr> <tr> <td colspan="4" style="text-align: center;">FIELD CHANGES</td> </tr> </tbody> </table>	PROJ. MANAGER	R. SOUCY	BY	DATE	DESIGN DETAILED	ANS	BMD	1/2026	CHECKED-REVIEWED	ECF	AG	1/2026	DESIGNS DETAILED				REVISIONS 1				REVISIONS 2				REVISIONS 3				REVISIONS 4				FIELD CHANGES				<h2 style="margin: 0;">CARIBOU HILL BRIDGE</h2> <h3 style="margin: 0;">PRESTILE HILL BRIDGE</h3> <h3 style="margin: 0;">PROFILES</h3>
PROJ. MANAGER	R. SOUCY	BY	DATE																																		
DESIGN DETAILED	ANS	BMD	1/2026																																		
CHECKED-REVIEWED	ECF	AG	1/2026																																		
DESIGNS DETAILED																																					
REVISIONS 1																																					
REVISIONS 2																																					
REVISIONS 3																																					
REVISIONS 4																																					
FIELD CHANGES																																					
SHEET NUMBER <h1 style="font-size: 2em; margin: 0;">9</h1>																																					
OF 31																																					



PROFILE



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
FEDERAL PROJECT NO. 2284510
BRIDGE NO. 6599
WIN 22845.10
HIGHWAY PLANS

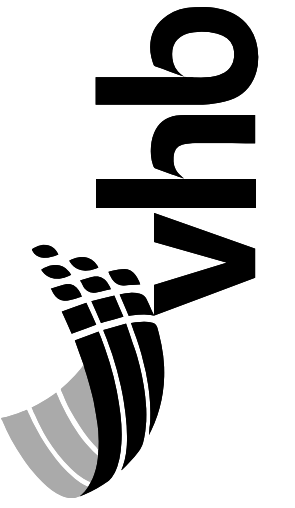
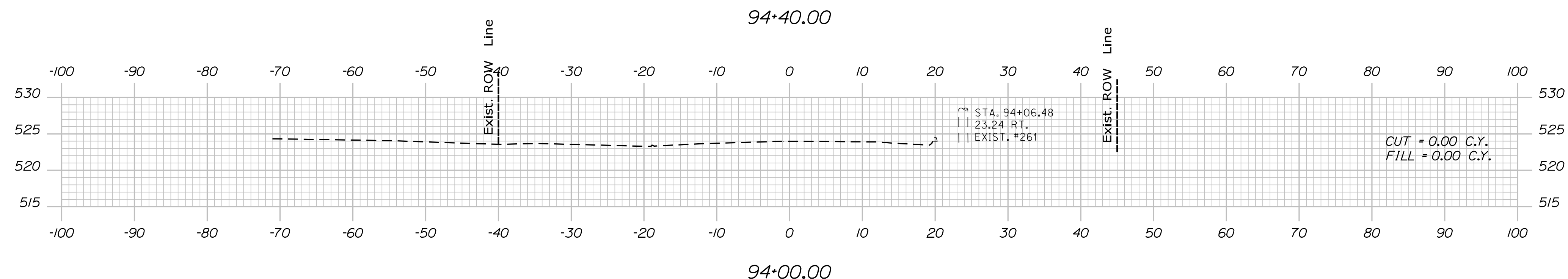
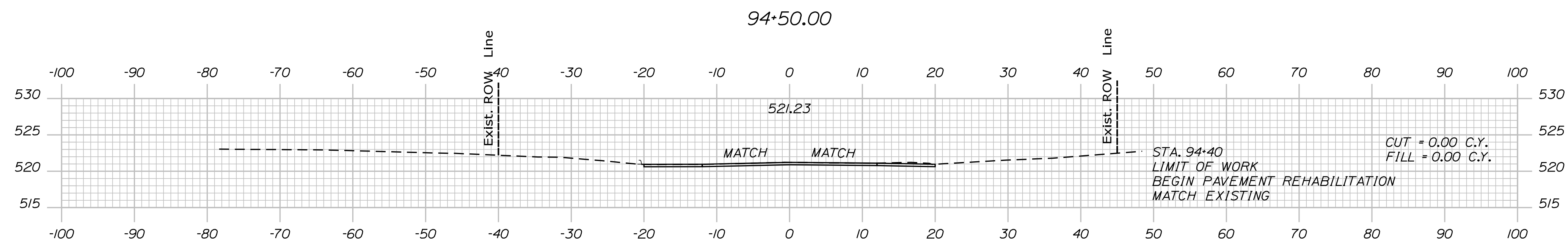
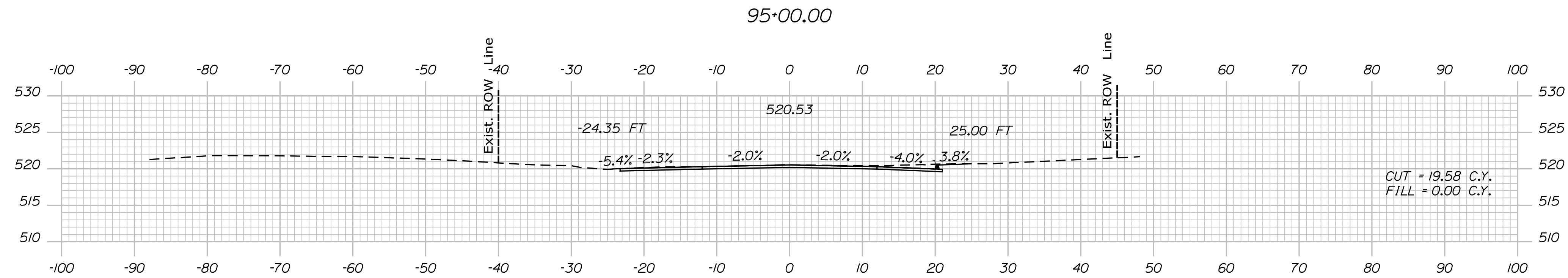
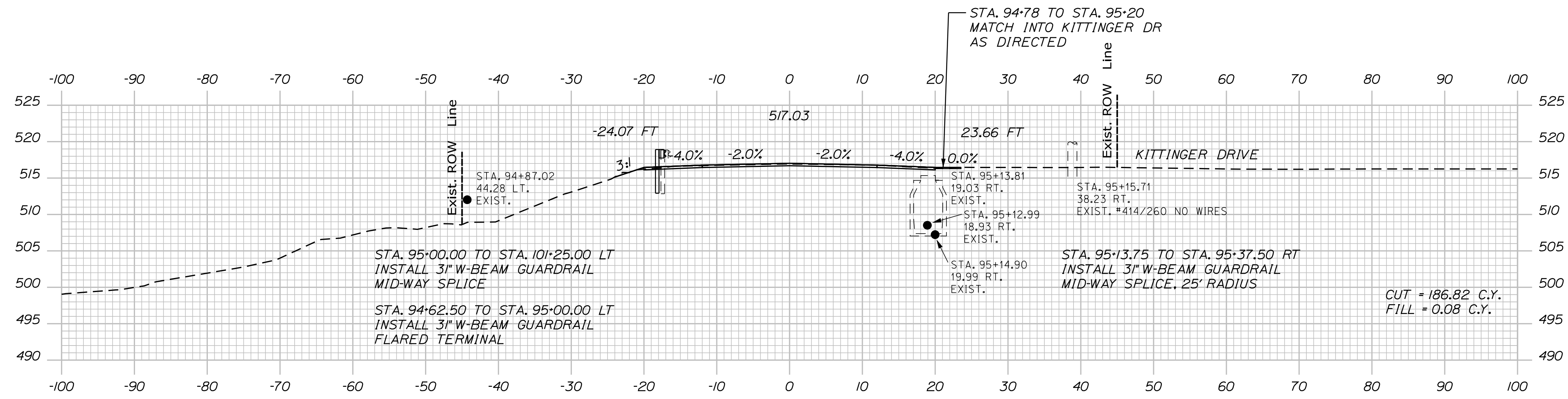
PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN DETAILED	ANS	BMD	1/2026
CHECKED-REVIEWED	ECF	AG	1/2026
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU
PRESTILE HILL BRIDGE
PROFILES

SHEET NUMBER

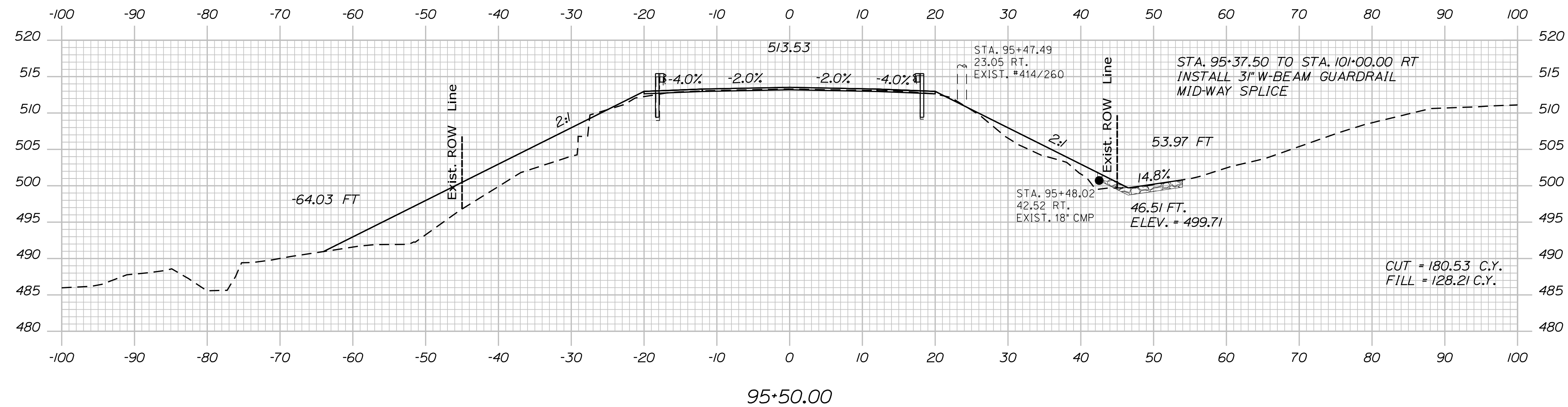
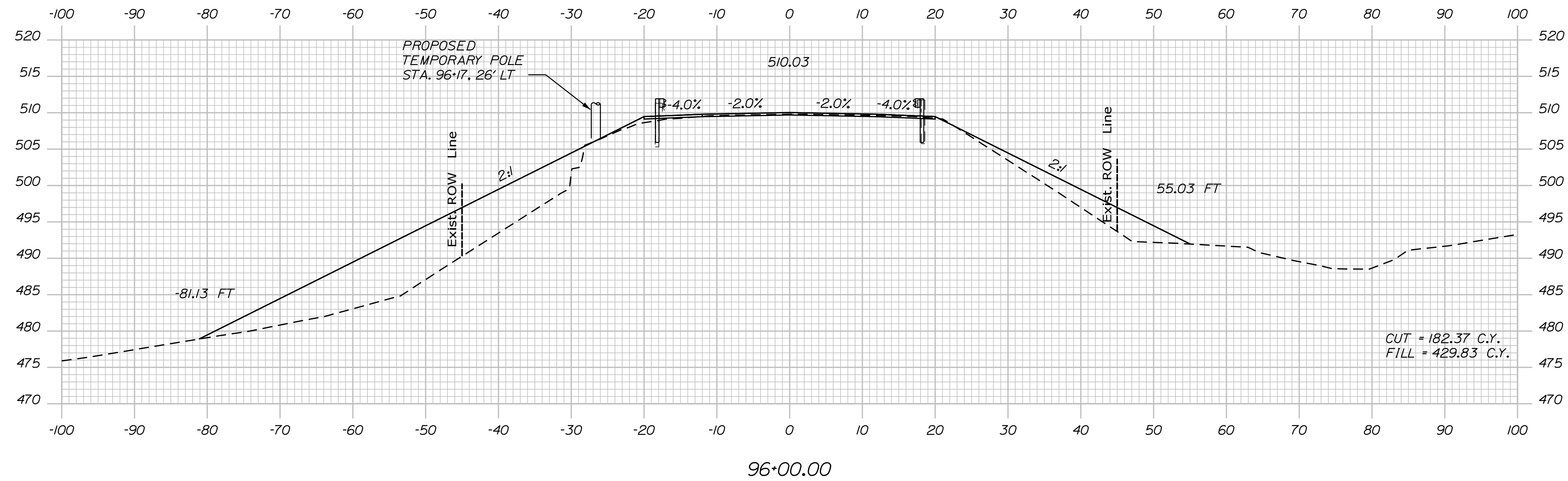
10

OF 31



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN DETAILED	ANS	BMD	1/2026
CHECKED-REVIEWED	ECF	AG	1/2026
DESIGNS DETAILED			
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU
PRESTILE HILL BRIDGE
CROSS SECTIONS



Sta. 95+50.00 to Sta. 96+00.00



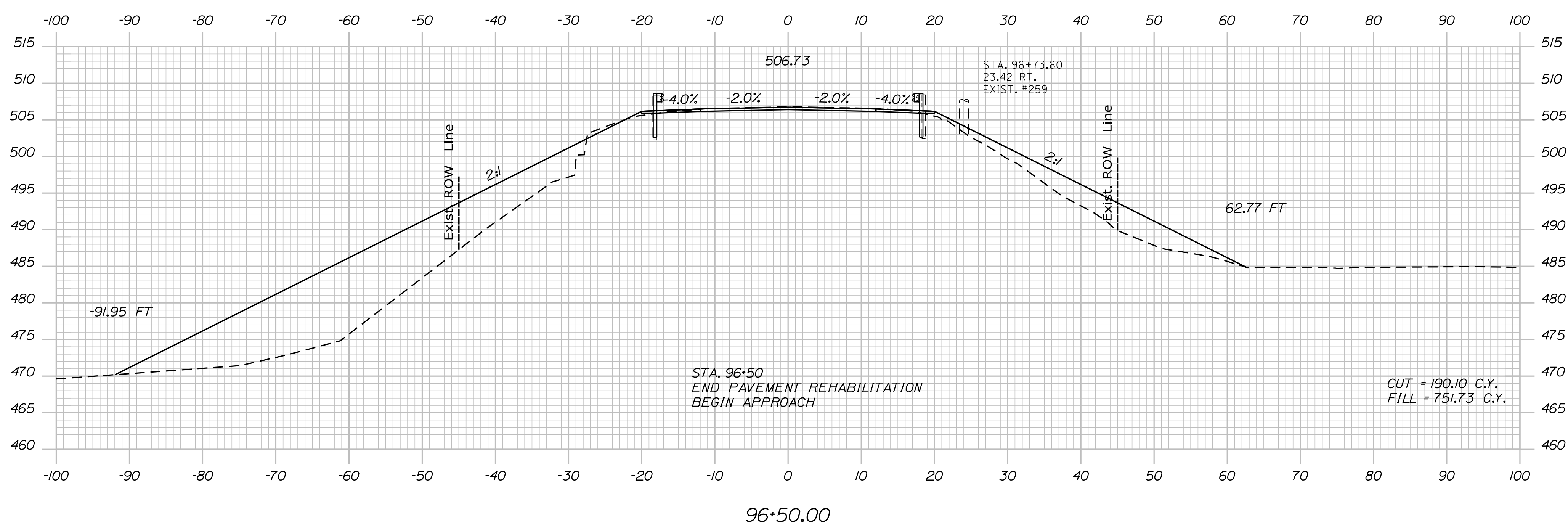
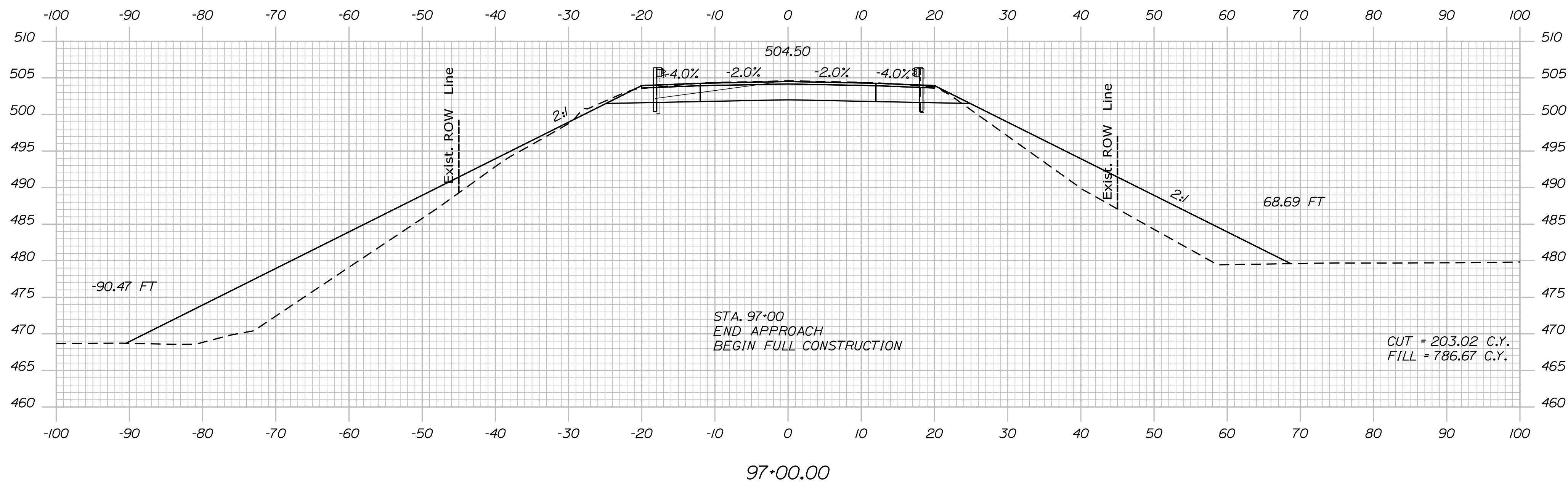
PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN-DETAILED	ANS	BMD	1/2026
CHECKED-REVIEWED	ECF	AG	1/2026
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU
PRESTILE HILL BRIDGE
CROSS SECTIONS

Date: 1/30/2026

Username: bdarrach

Filename: ... \HIGHWAY\MSTA\020_Xsect_03.dgn Division: HIGHWAY



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN DETAILED	ANS	BMD	1/2026
CHECKED-REVIEWED	ECF	AG	1/2026
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

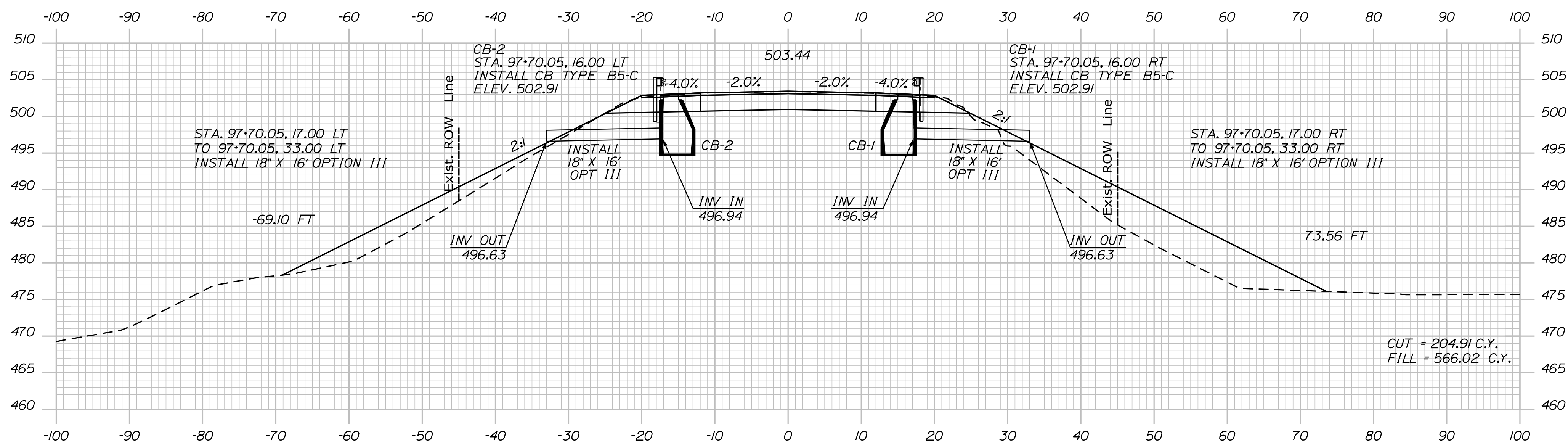
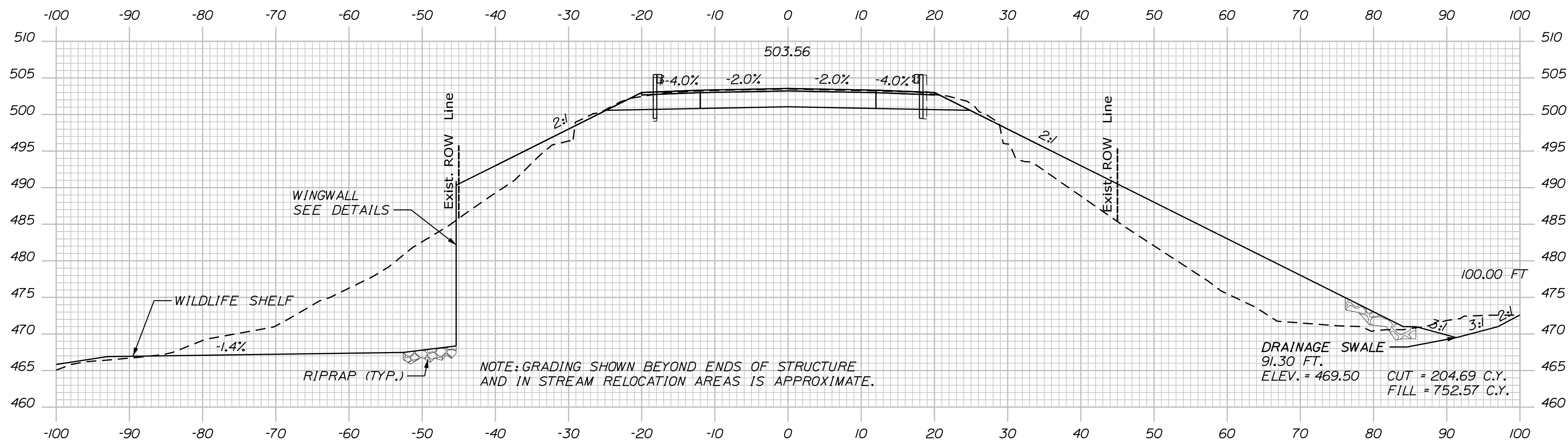
CARIBOU
PRESTILE HILL BRIDGE
CROSS SECTIONS

Sta. 96+50.00 to Sta. 97+00.00

Date: 1/30/2026

Username: bdarrach

Filename: ... \HIGHWAY\MSTA020_Xsect_04.dgn Division: HIGHWAY



Sta. 97+50.00 to Sta. 98+00.00



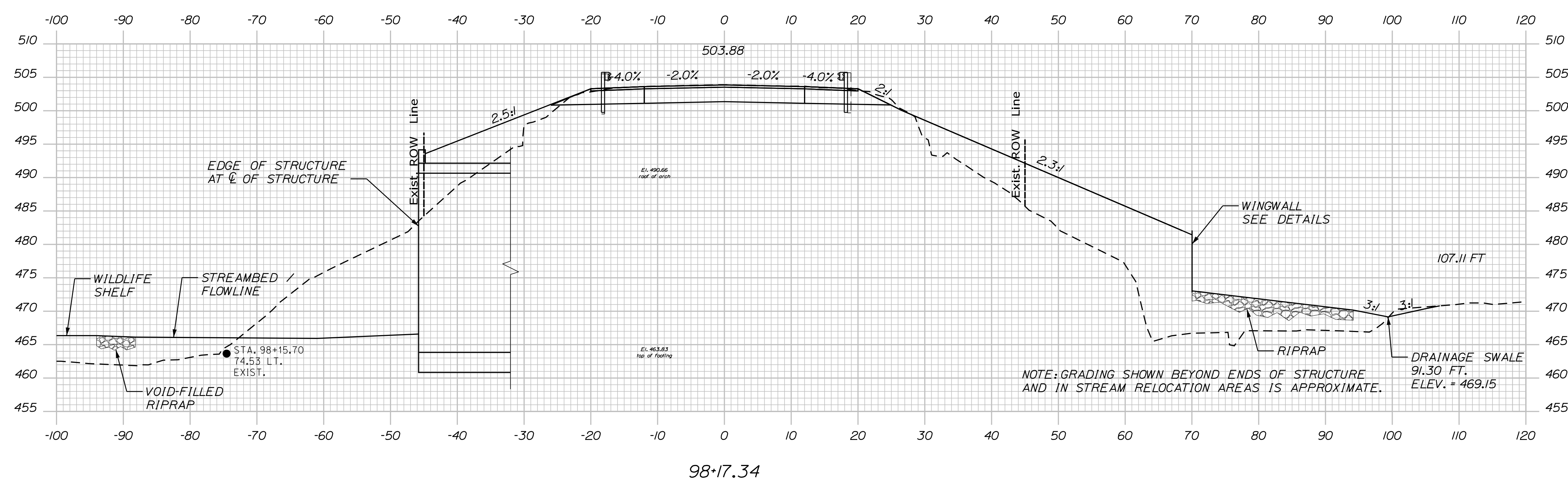
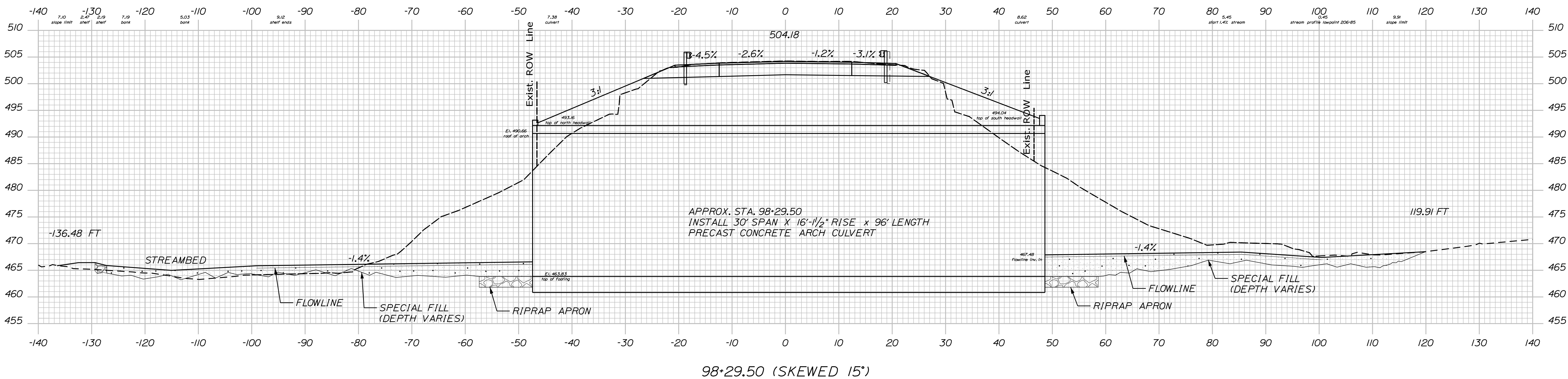
PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN DETAILED	ANS	BMD	1/2026
CHECKED-REVIEWED	ECF	AG	1/2026
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU
PRESTILE HILL BRIDGE
CROSS SECTIONS

Date: 1/30/2026

Username: bdatrach

Filename: ... \HIGHWAY\MSTA\020_Xsect_05.dgn Division: HIGHWAY



Sta. 98+17.34 to Sta. 98+29.50

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 FEDERAL PROJECT NO. 2284510
 BRIDGE NO. 6599
 WIN 22845.10
 HIGHWAY PLANS



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN DETAILED	AMS	BMD	1/2026
CHECKED-REVIEWED	ECF	AG	1/2026
DESIGNS DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

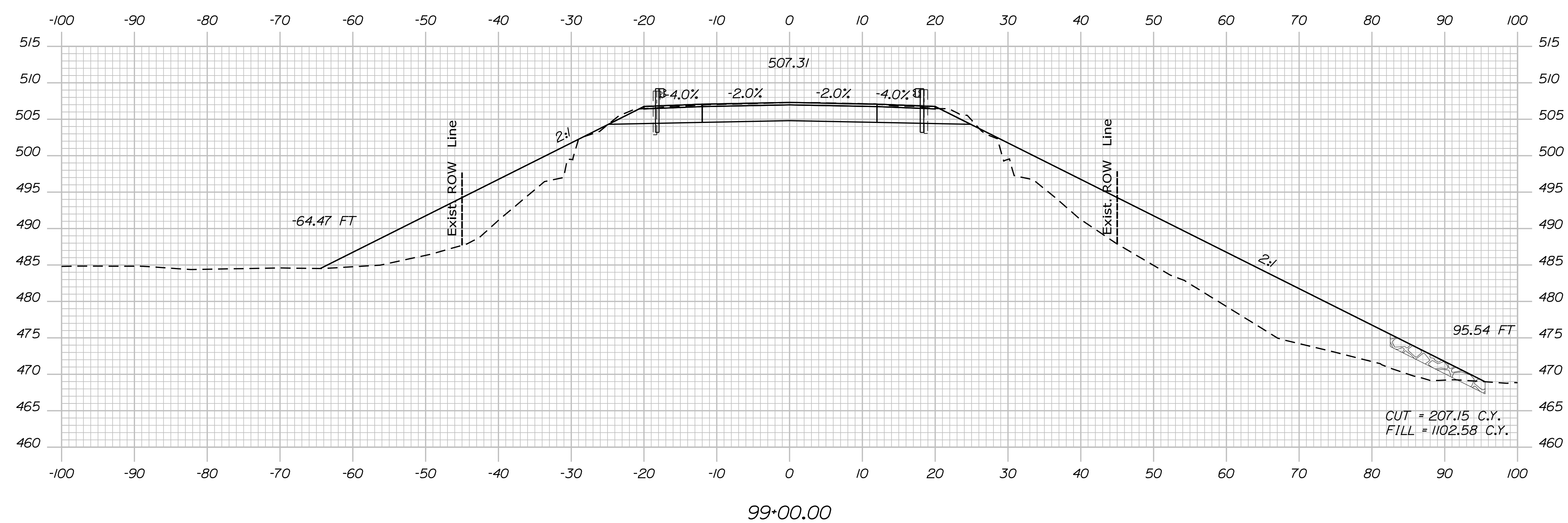
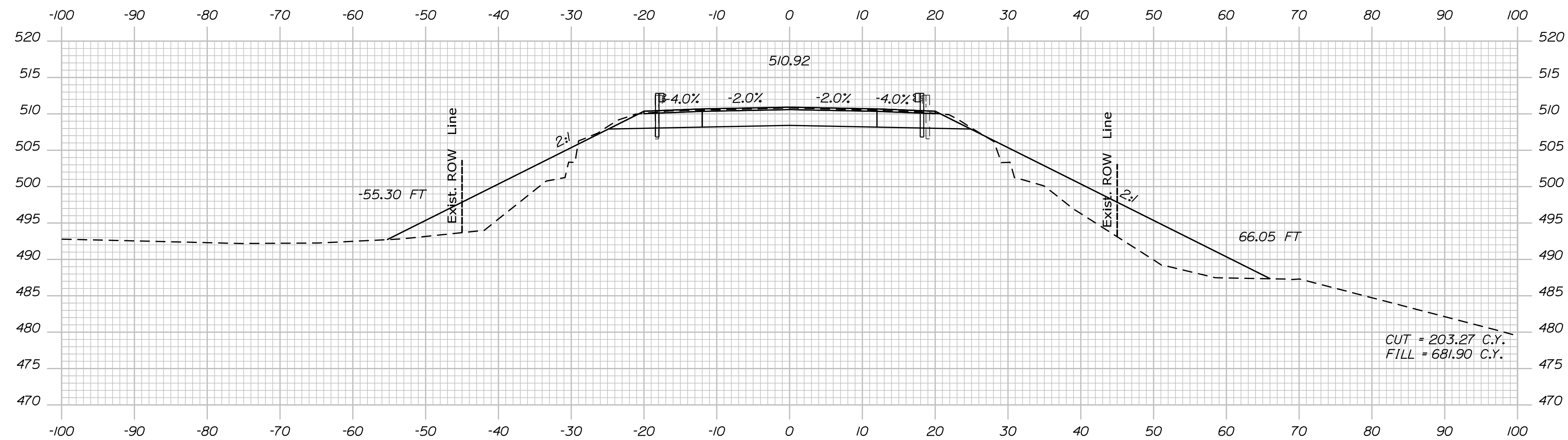
CARIBOU
 PRESTILE HILL BRIDGE
 CROSS SECTIONS

SHEET NUMBER
 15
 OF 31

Date: 1/30/2026

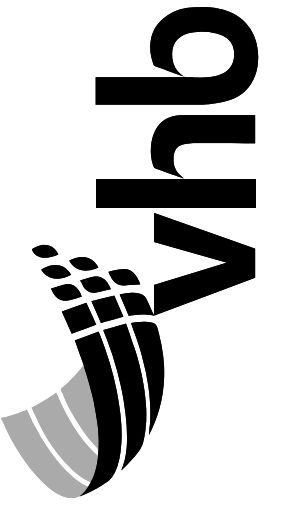
Username: bdarrch

Filename: ... \HIGHWAY\MSTA\020_Xsect_07.dgn Division: HIGHWAY



Sta. 99+00.00 to Sta. 99+50.00

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 FEDERAL PROJECT NO. 2284510
 BRIDGE NO. 6599 WIN 22845.10 HIGHWAY PLANS



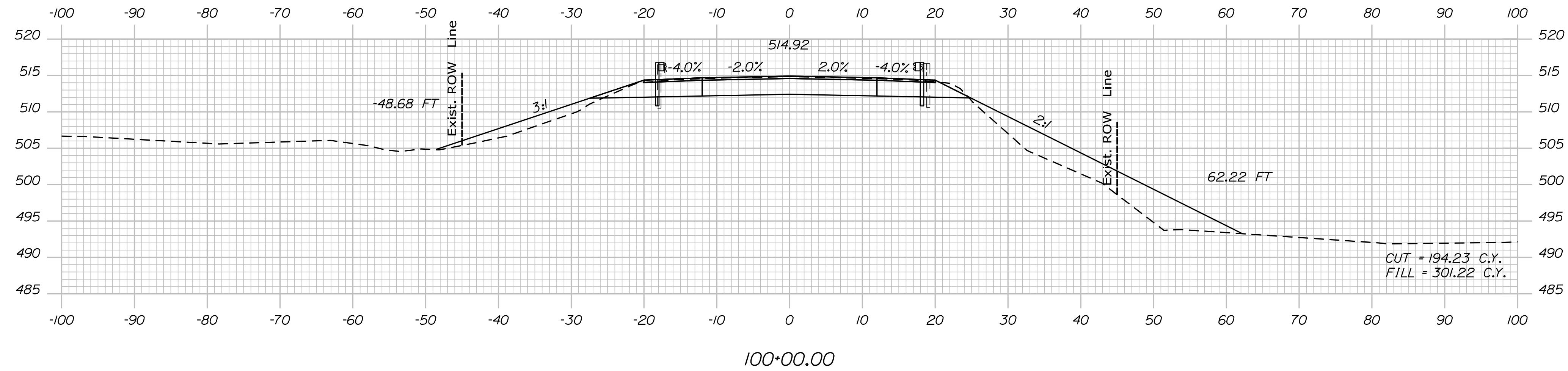
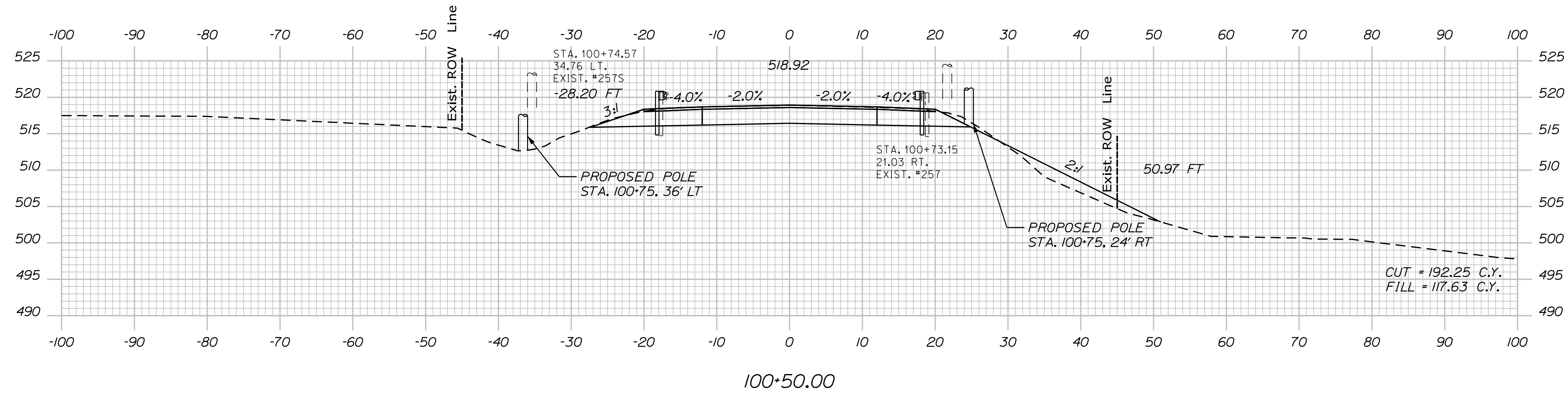
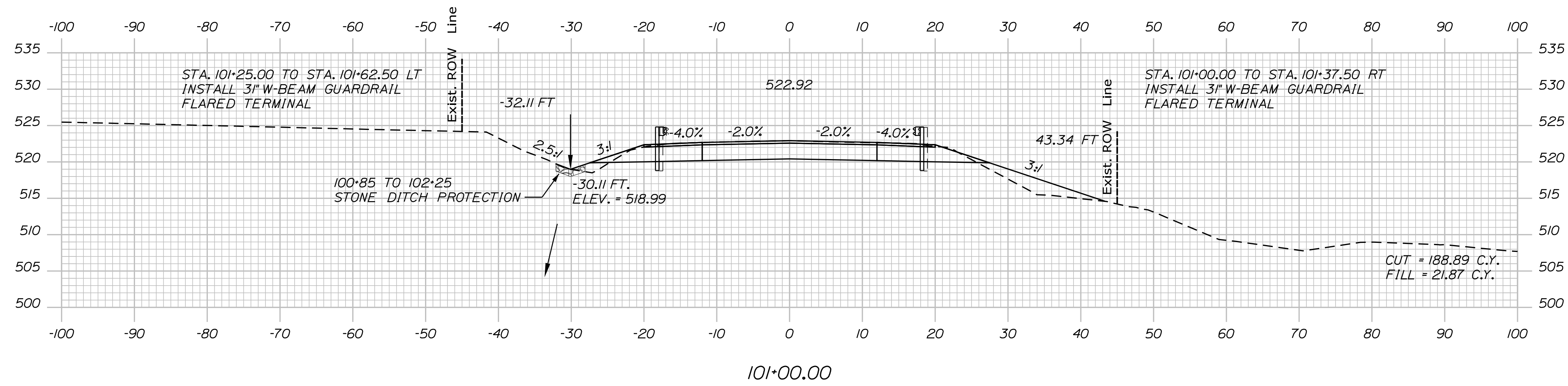
PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN: DETAILED	ANS	RMD	1/2026
CHECKED: REVIEWED	ECF	AG	1/2026
DESIGN: DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU
 PRESTILE HILL BRIDGE
 CROSS SECTIONS

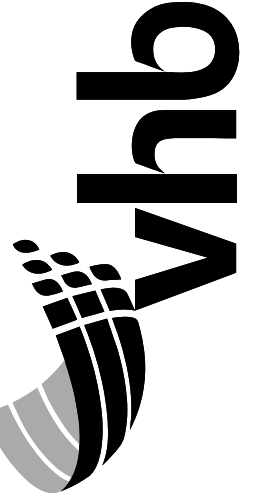
SHEET NUMBER

17

OF 31



Sta. 100+00.00 to Sta. 101+00.00



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN-DETAILED	ANS	BMD	1/2026
CHECKED-REVIEWED	ECF	AG	1/2026
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU
PRESTILE HILL BRIDGE
CROSS SECTIONS

SHEET NUMBER

18

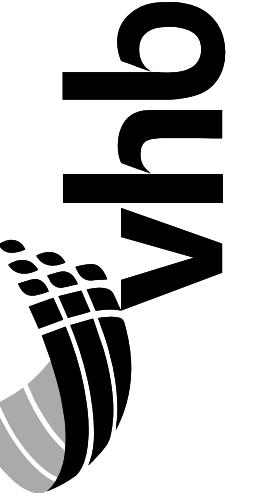
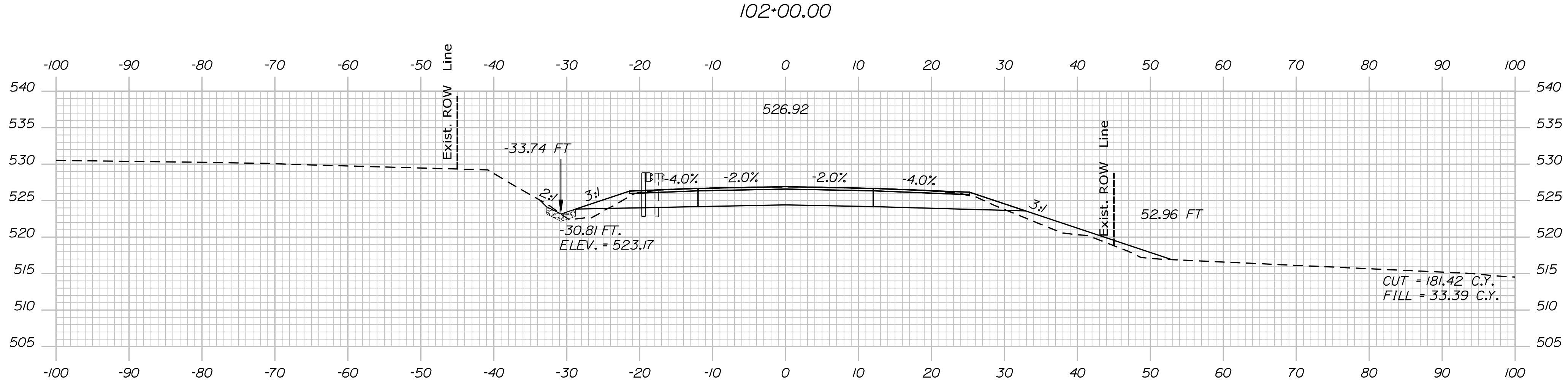
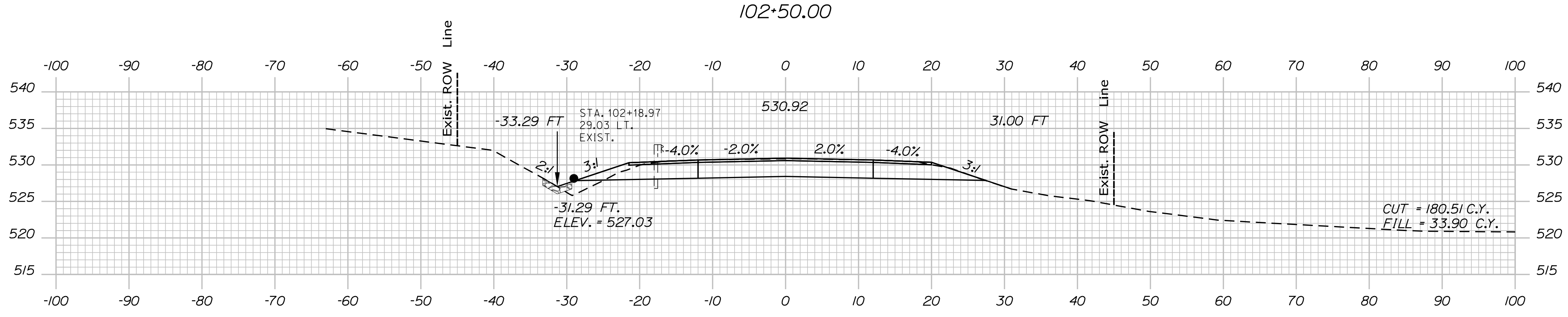
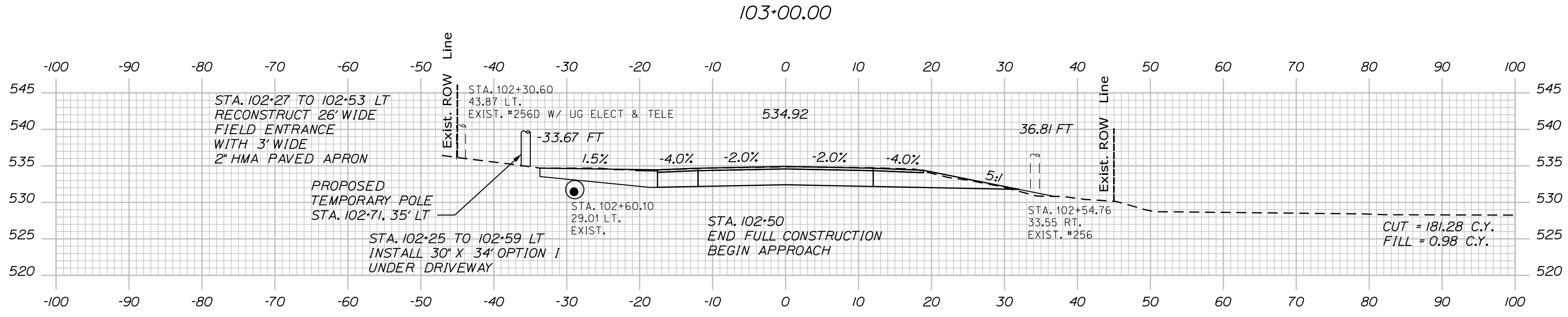
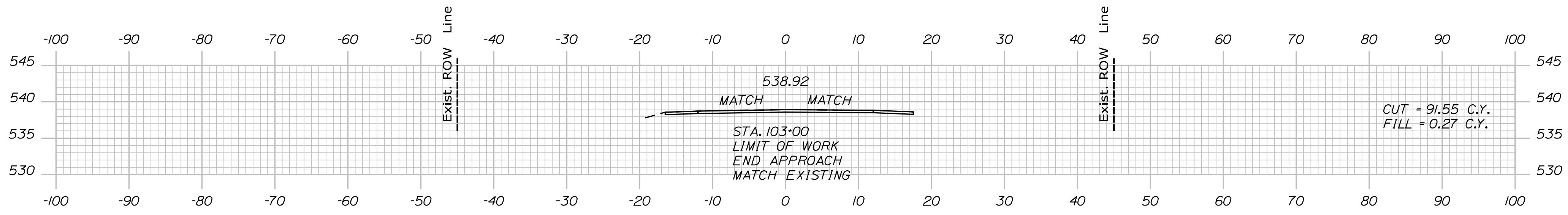
OF 31

Date: 1/30/2026

Username: bdarrach

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\020_Xsect_09.dgn



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN-DETAILED	ANS	BMD	1/2026
CHECKED-REVIEWED	ECF	AG	1/2026
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

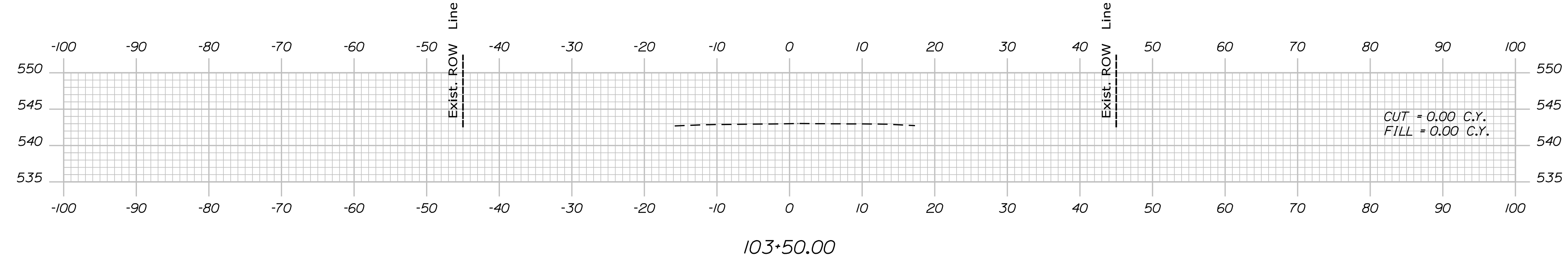
CARIBOU
PRESTILE HILL BRIDGE
CROSS SECTIONS

SHEET NUMBER

19

OF 31

Sta. 101+50.00 to Sta. 103+00.00



Sta. 103+50.00

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 FEDERAL PROJECT NO. 2284510
 BRIDGE NO. 6599 WIN 22845.10 HIGHWAY PLANS



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN DETAILED	ANS	BMD	1/2/2026
CHECKED-REVIEWED	ECF	AG	1/2/2026
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU
 PRESTILE HILL BRIDGE
 CROSS SECTIONS

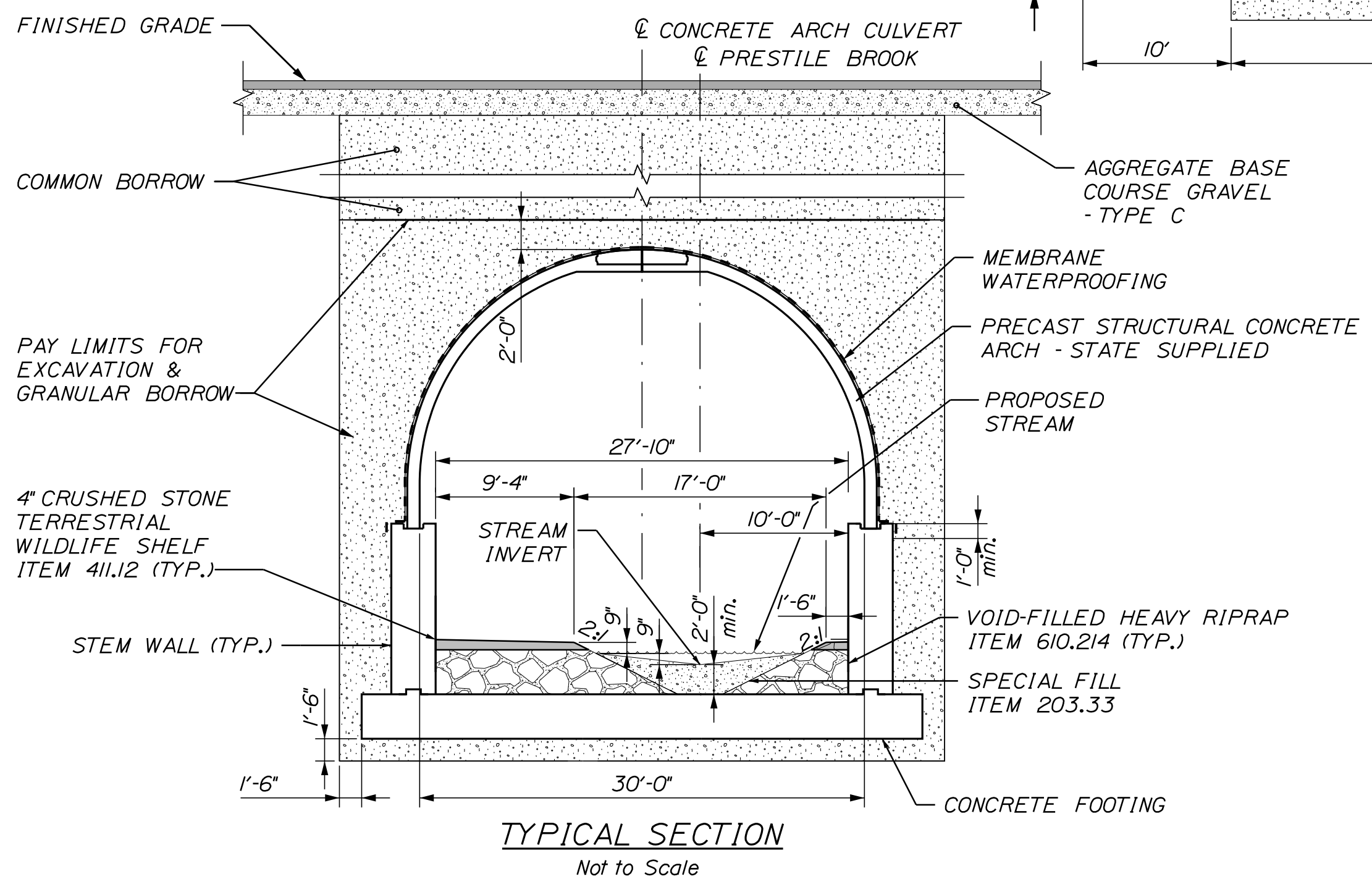
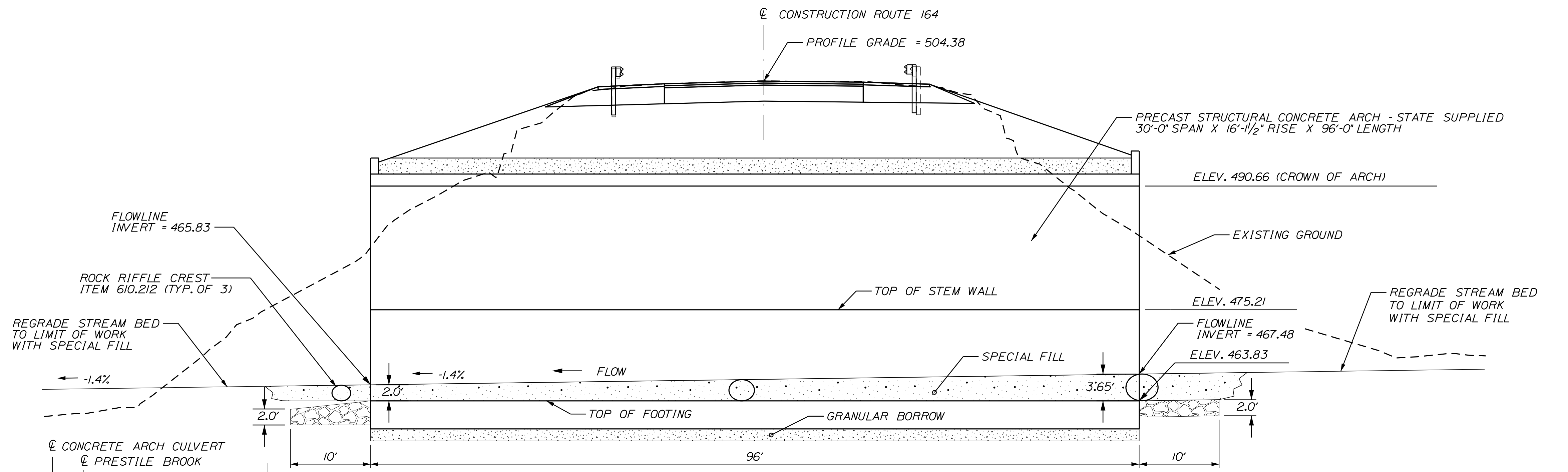
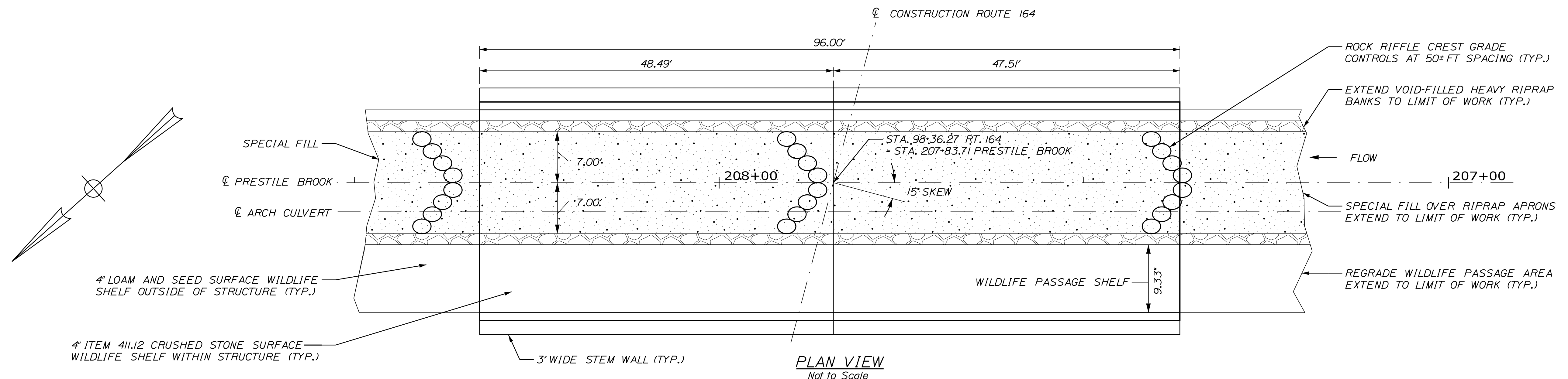
SHEET NUMBER
 20
 OF 31

Date: 1/30/2026

Username: bdarran

Division: HIGHWAY

Filename: ... \021_Typical_Arch_Culv_Detail.dgn



- PRECAST CONCRETE ARCH CULVERT NOTES:**
1. THE CONSTRUCTION, HANDLING, AND ASSEMBLY OF THE PRECAST UNITS SHALL BE IN ACCORDANCE WITH SPECIAL PROVISION 534 PRECAST STRUCTURAL CONCRETE AND WITH THE MANUFACTURER'S SPECIFICATIONS AS APPLICABLE.
 2. PEDESTAL WALL AND FOUNDATION DESIGN IS BASED ON AN ASSUMED FACTORED STRENGTH LIMIT STATE OF 1.4 KLF (HORIZONTAL) AND 47 KLF (VERTICAL) AT THE PEDESTAL WALL SEAT. IF THE FINAL DESIGN LOADS EXCEED THESE VALUES, THE FOUNDATION DESIGN SHALL BE MODIFIED AS REQUIRED.
 3. INSTALL STANDARD MEMBRANE WATERPROOFING OVER THE ENTIRE EXTERIOR OF THE ARCH AND TO A MINIMUM 12 INCHES BELOW THE TOP OF STEM WALL.
 4. REFERENCE SPECIAL PROVISION 203.33 - SPECIAL FILL AND 610.210 STREAM CHANNEL ROCK FOR ADDITIONAL REQUIREMENTS.
 5. FOR THE STRENGTH LIMIT STATE THE APPLIED FACTORED BEARING PRESSURE SHALL NOT EXCEED THE FACTORED BEARING RESISTANCE OF 8.0 KSF. FOR THE SERVICE LIMIT STATE THE APPLIED FACTORED BEARING PRESSURE SHALL NOT EXCEED THE FACTORED BEARING RESISTANCE OF 10.0 KSF.
 6. WILDLIFE PASSAGE SHELF SHALL BE GRADED SMOOTHLY INTO THE STREAM BANKS OUTSIDE THE STRUCTURE.

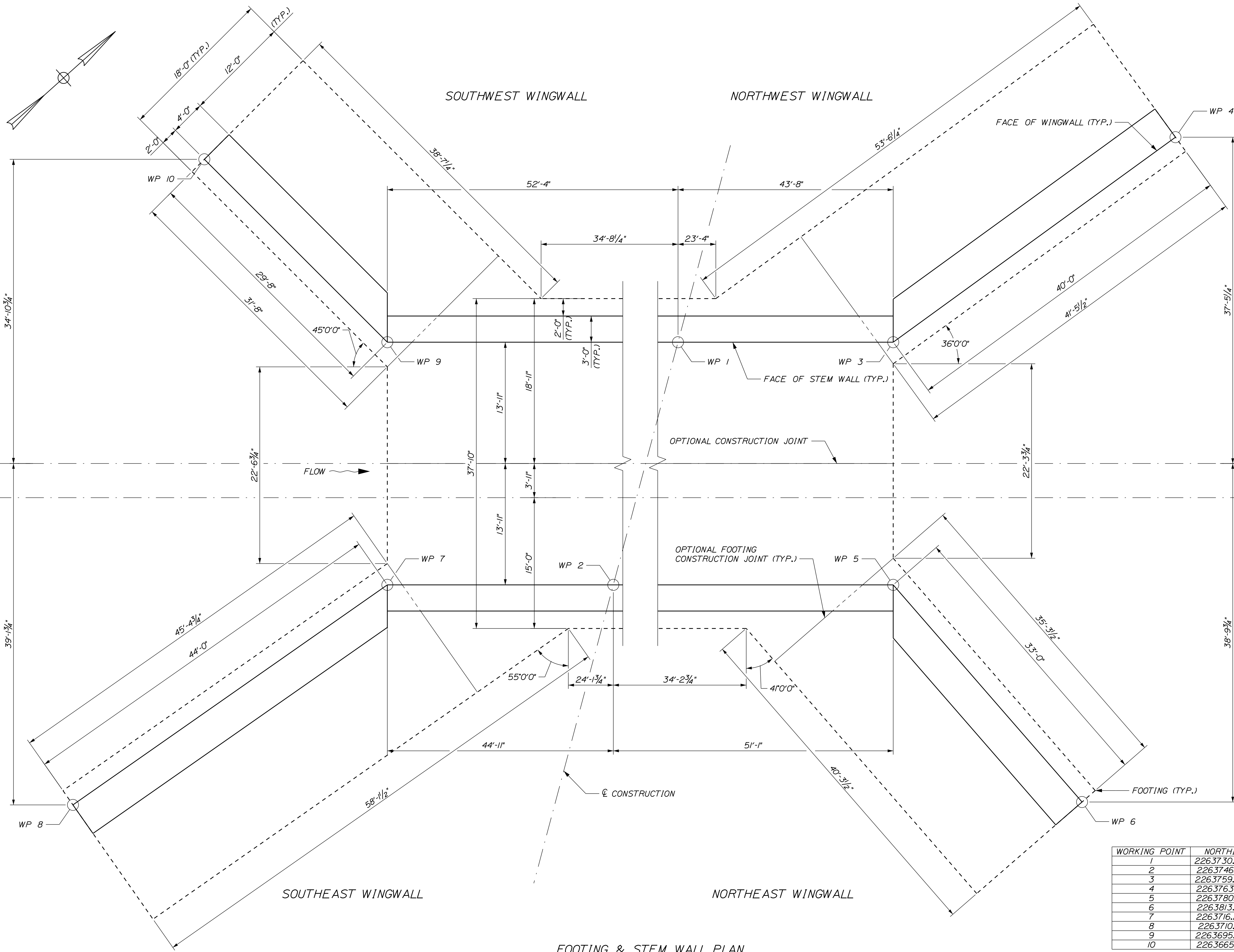
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
FEDERAL PROJECT NO. 2284510
BRIDGE NO. 6599
WIN 22845.10
HIGHWAY PLANS



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN DETAILED	ANS	BMD	1/2026
CHECKED/REVIEWED	ECF	AG	1/2026
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU HILL BRIDGE
PRESTILE BROOK
ARCH CULVERT DETAILS

SHEET NUMBER
21
OF 31

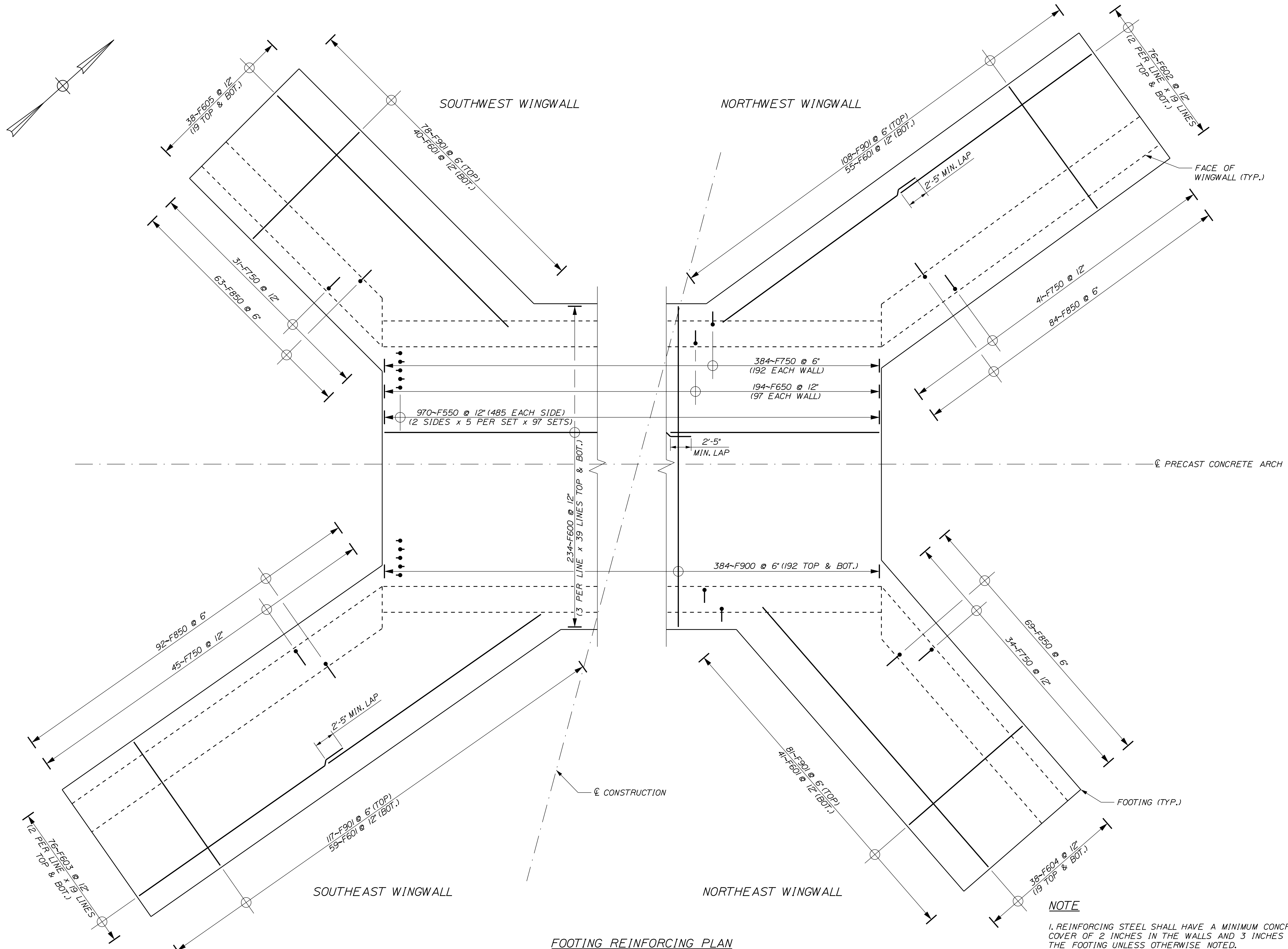


WORKING POINT	NORTHING	EASTING
1	2263730.4326	1091953.6174
2	2263746.1958	1091929.5090
3	2263759.6020	1091986.1247
4	2263763.7152	1092025.9127
5	2263780.3180	1091967.5359
6	2263813.3139	1091967.0164
7	2263716.2034	1091896.0844
8	2263710.9157	1091852.4033
9	2263695.4874	1091914.6732
10	2263665.8641	1091913.0700



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN DETAILED JAH	JAH	JAH	1/7/06
CHECKED/REVIEWED ELW	ELW	BAR	1/7/06
DESIGN DETAILED			
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU HILL BRIDGE
PRESTILE BRIDGE
FOOTING & STEM WALL PLAN



FOOTING REINFORCING PLAN

NOTE

1. REINFORCING STEEL SHALL HAVE A MINIMUM CONCRETE COVER OF 2 INCHES IN THE WALLS AND 3 INCHES IN THE FOOTING UNLESS OTHERWISE NOTED.

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 FEDERAL PROJECT NO. 2284510
 BRIDGE NO. 6599
 WIN 22845.10
 HIGHWAY PLANS



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN-DETAILED	JAH	JAH	1/2026
CHECKED-REVIEWED	ELW	BAR	1/2026
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU HILL BRIDGE
 PRESTILE HILL BRIDGE
 FOOTING REINFORCING PLAN

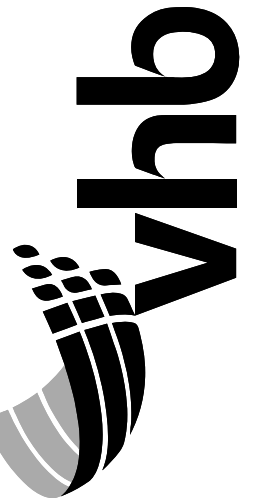
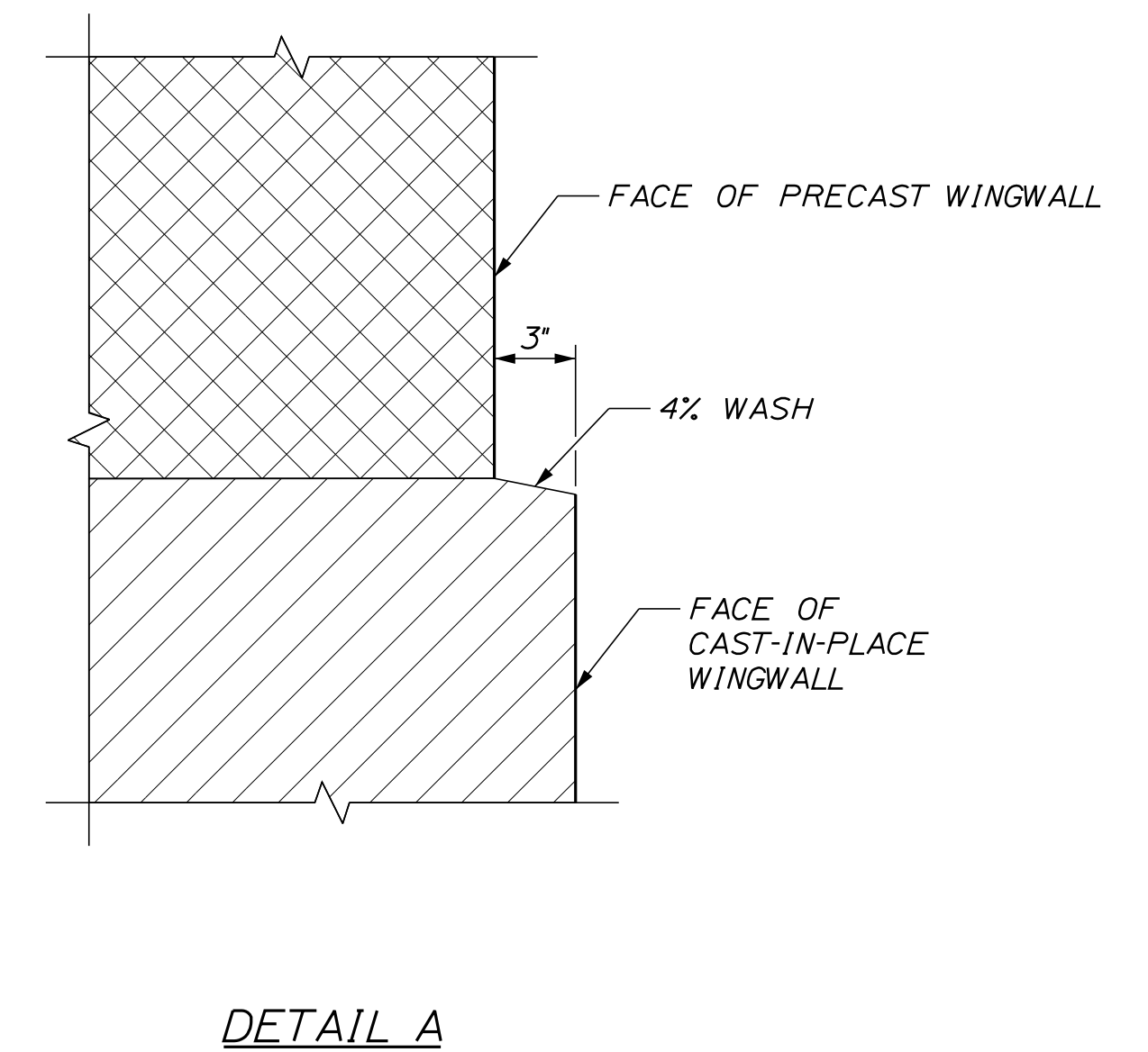
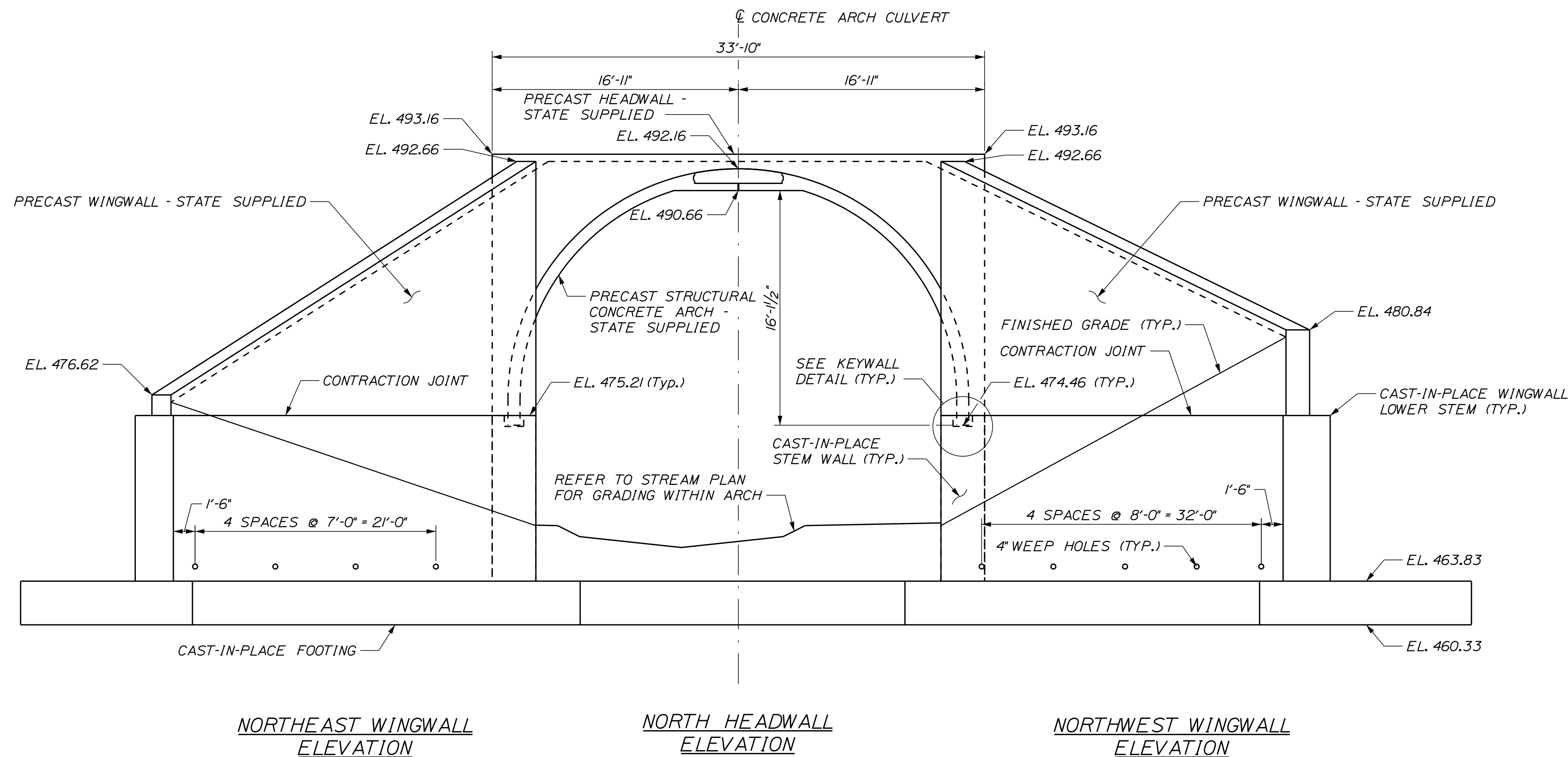
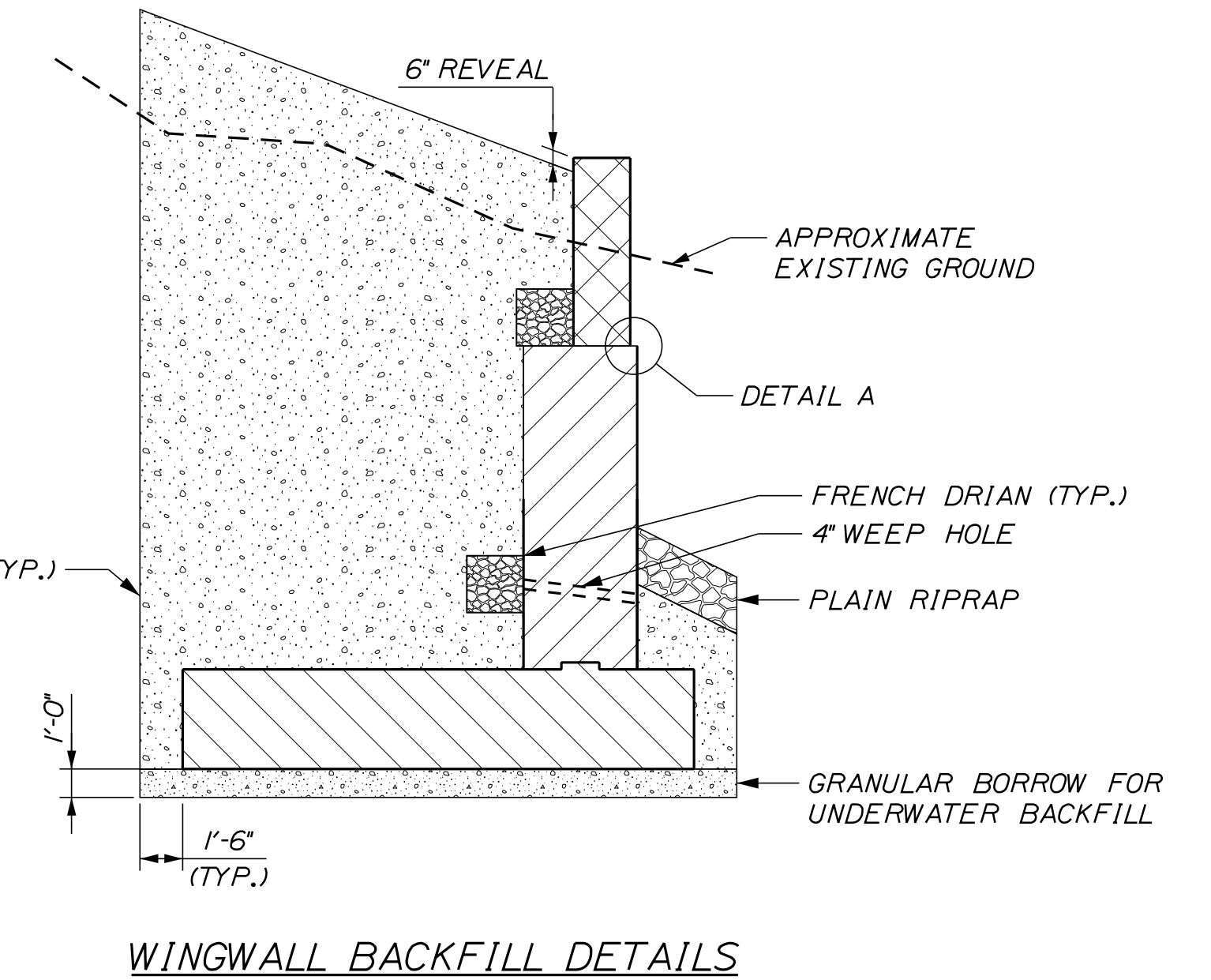
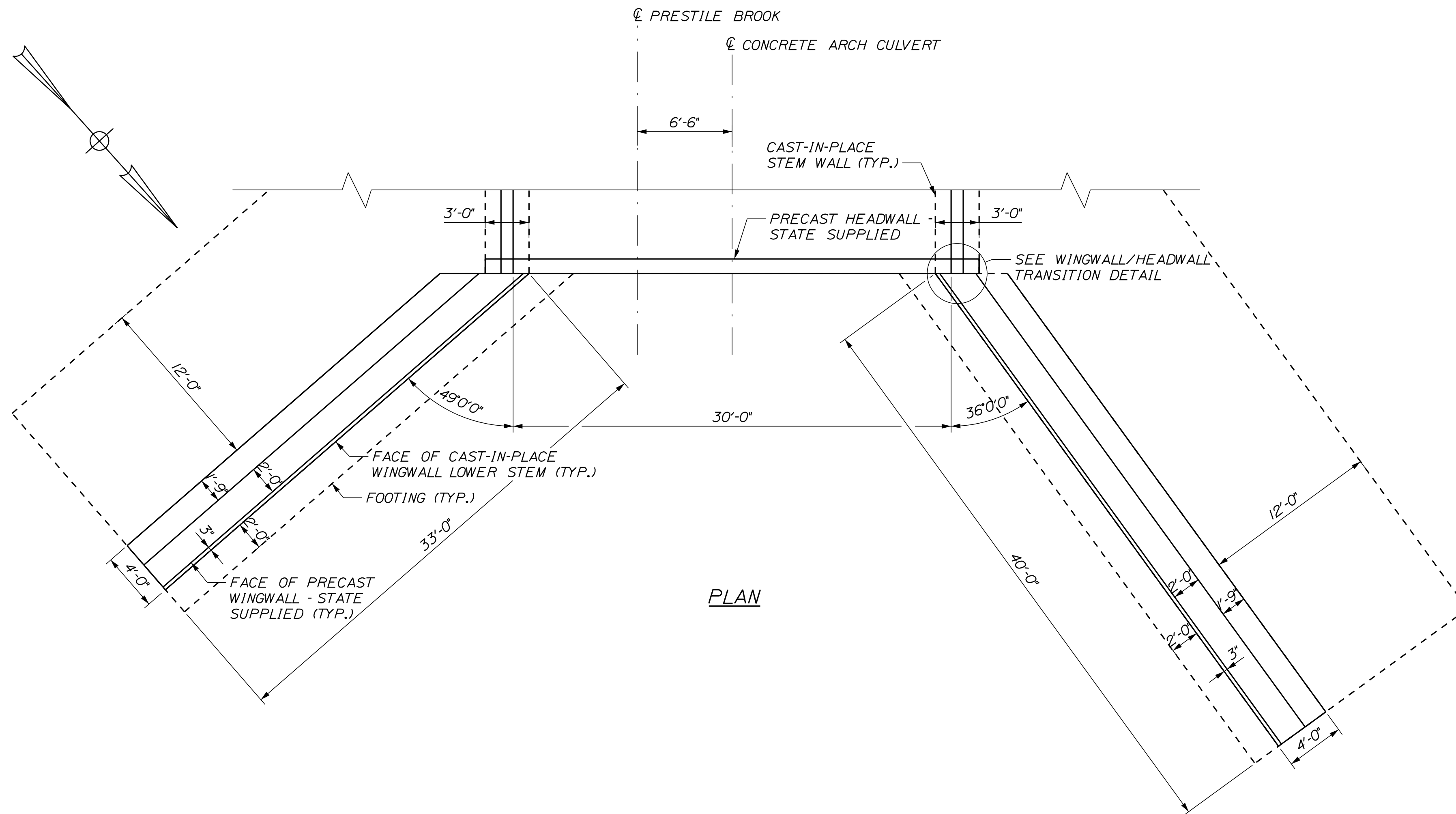
SHEET NUMBER
 23
 OF 31

Date: 08/29/2025

Username: badarrh

Division: HIGHWAY

Filename: ... \MSTAD025_Culv_Headwall_02.dgn



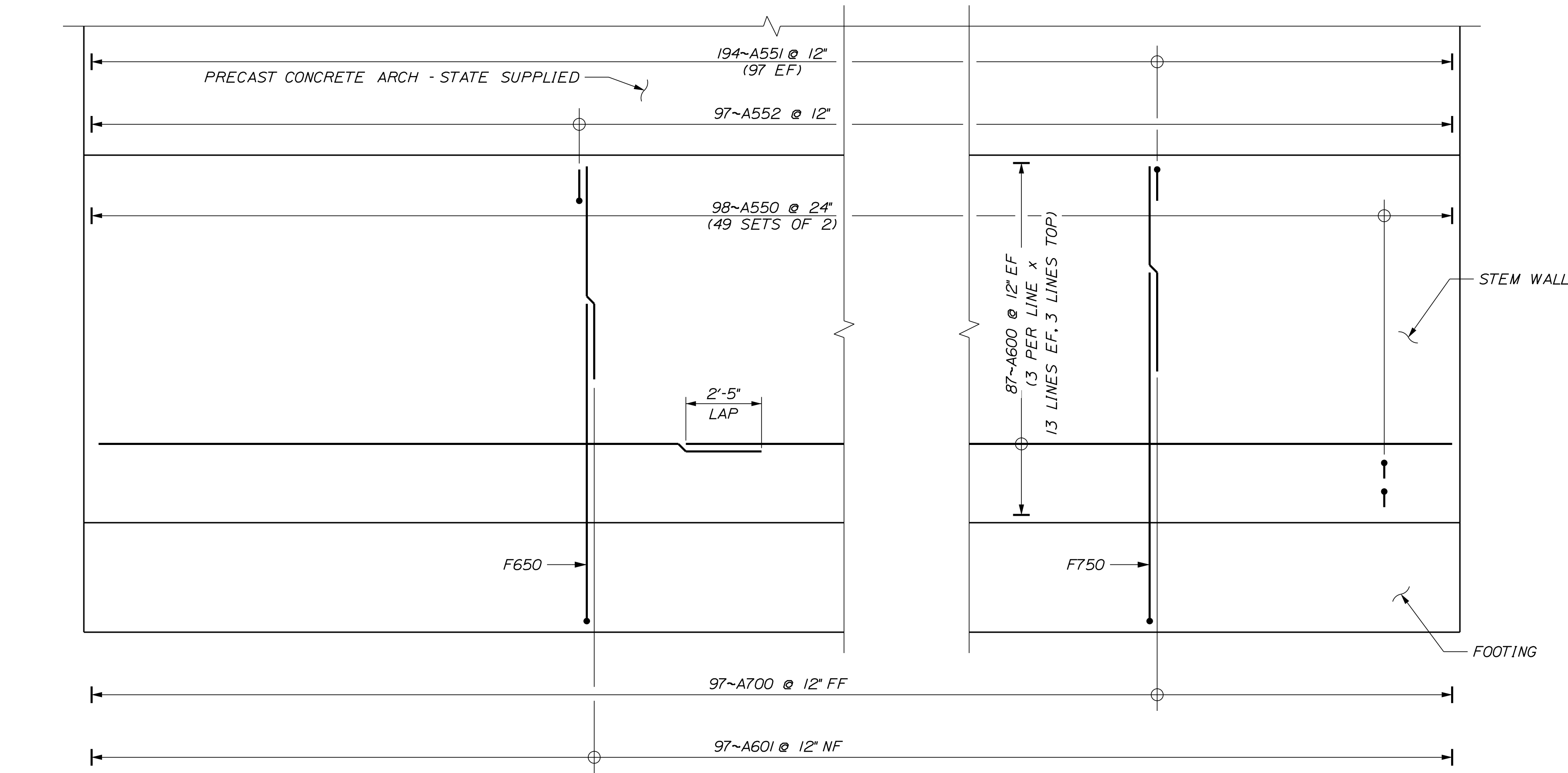
PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN DETAILED	JAH	JAH	1/7/06
CHECKED/REVIEWED	ELW	BAR	1/7/06
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU
PRESTILE HILL BRIDGE
NORTH HEADWALL
AND WINGWALLS

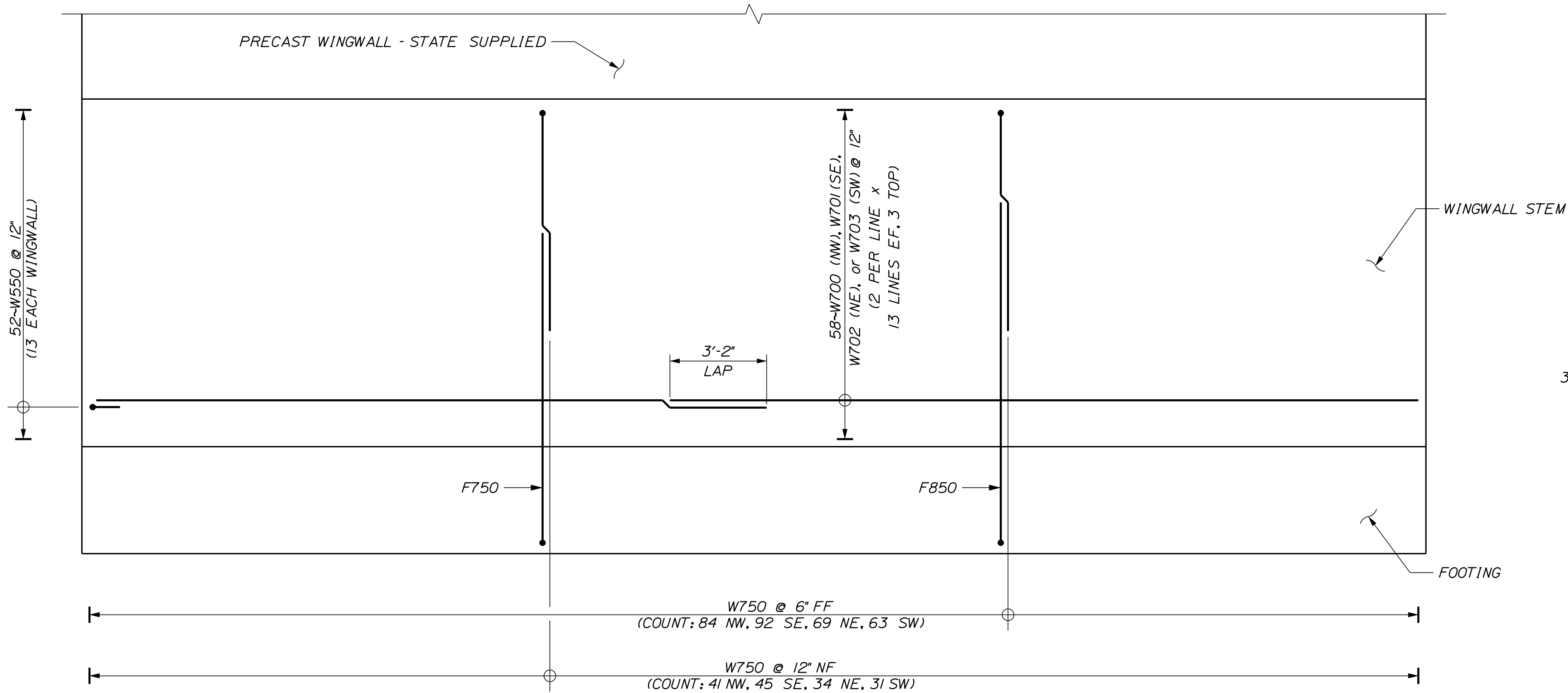
SHEET NUMBER

25

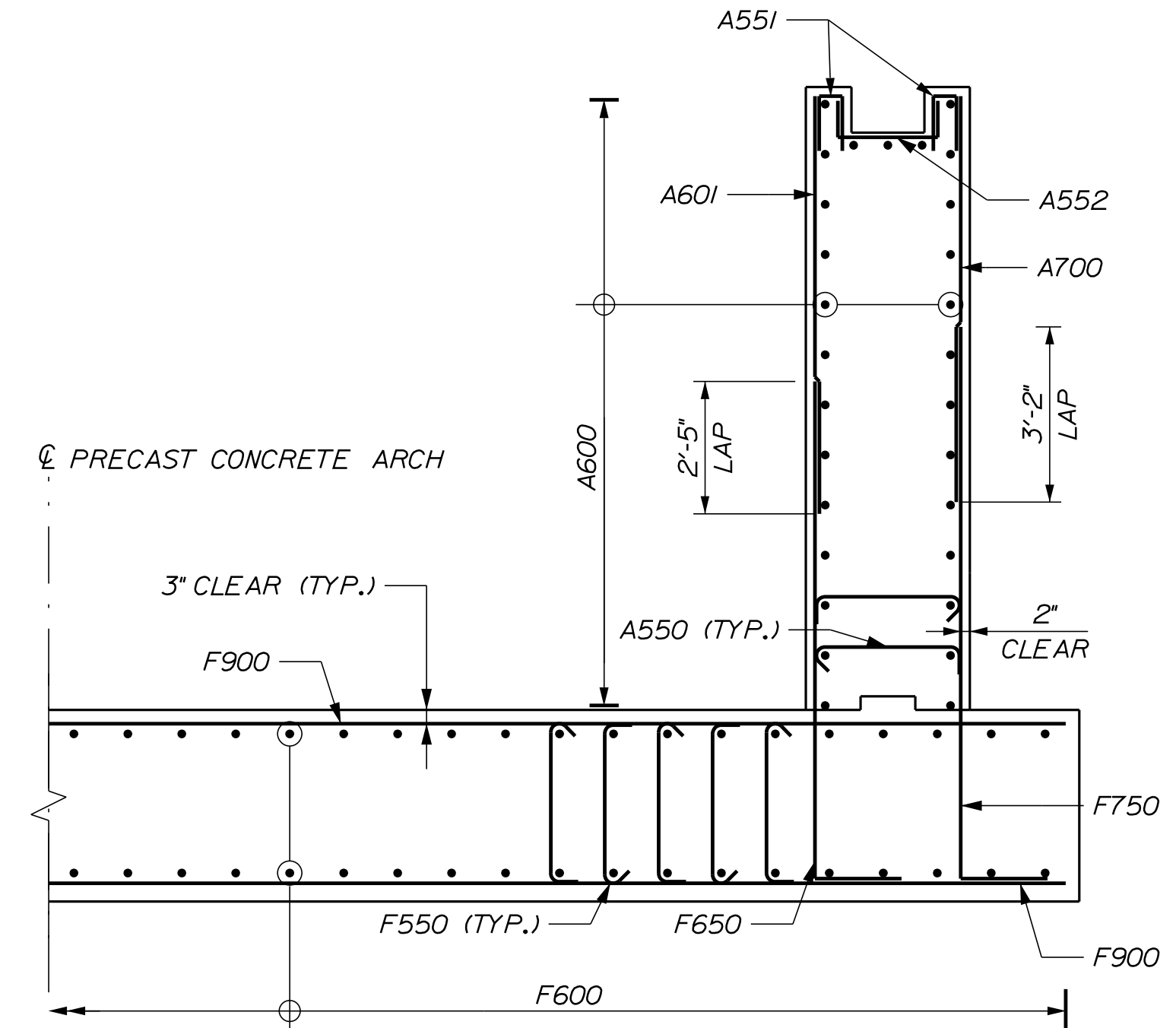
OF 31



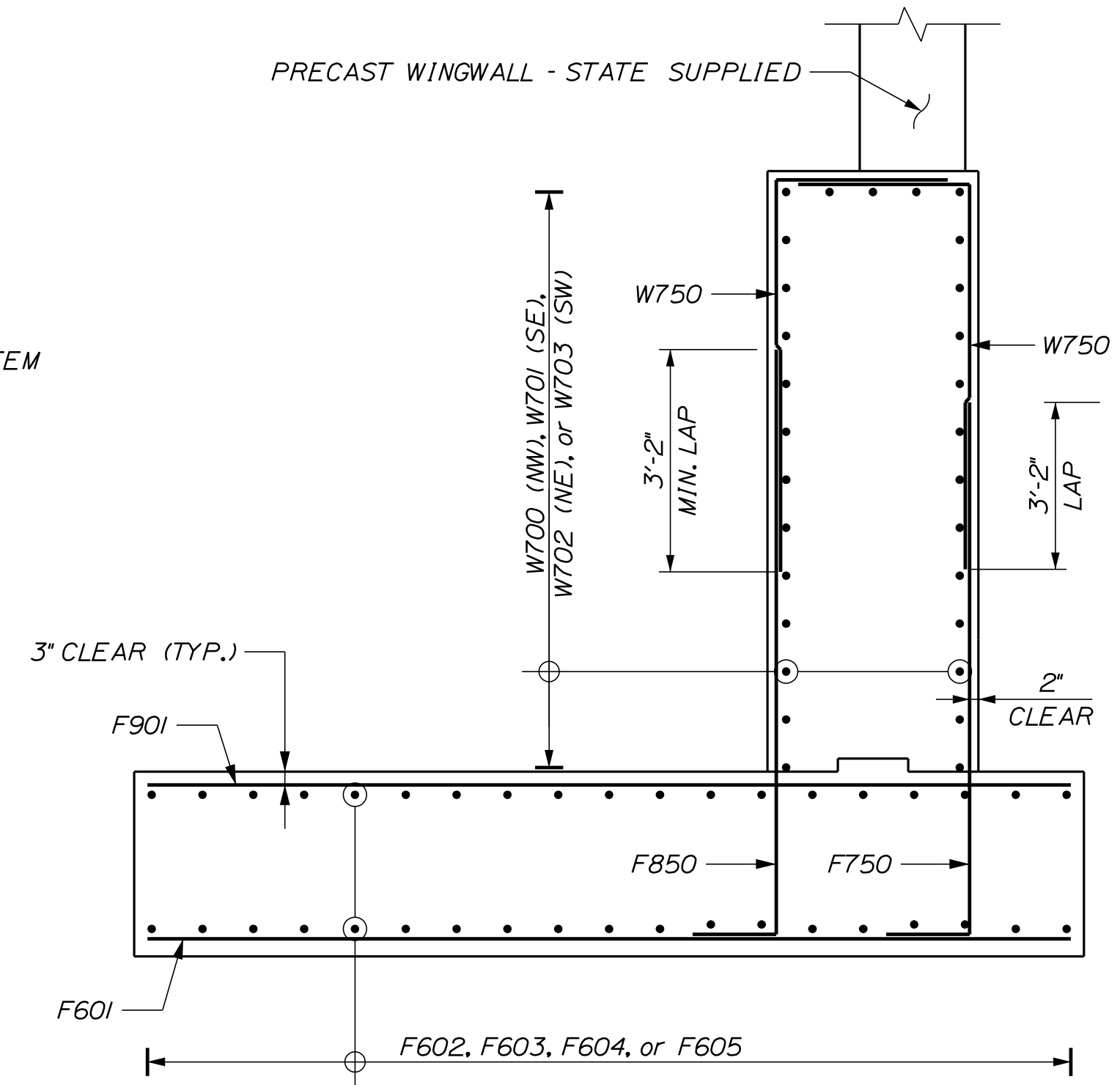
STEM WALL ELEVATION
(BAR COUNTS SHOWN FOR A SINGLE STEM WALL)



WINGWALL ELEVATION
(SOUTHEAST WINGWALL SHOWN, OTHERS SIMILAR)

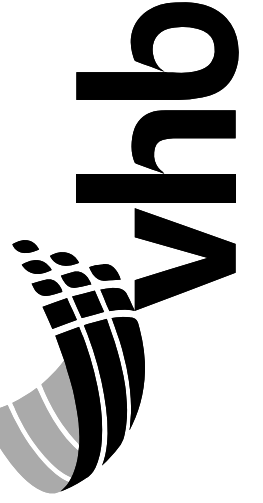


STEM WALL REINFORCING PARTIAL SECTION



WINGWALL REINFORCING SECTION

REINFORCING KEY
 EF = EACH FACE
 NF = NEAR FACE
 FF = FAR FACE
 NW = NORTHWEST WINGWALL
 SE = SOUTHEAST WINGWALL
 NE = NORTHEAST WINGWALL
 SW = SOUTHWEST WINGWALL



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN-DETAILED	JAH	JAH	1/2026
CHECKED-REVIEWED	ELW	BAR	1/2026
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

**CARIBOU
 PRESTILE HILL BRIDGE
 SUBSTRUCTURE
 SECTION & ELEVATIONS**

SHEET NUMBER

26

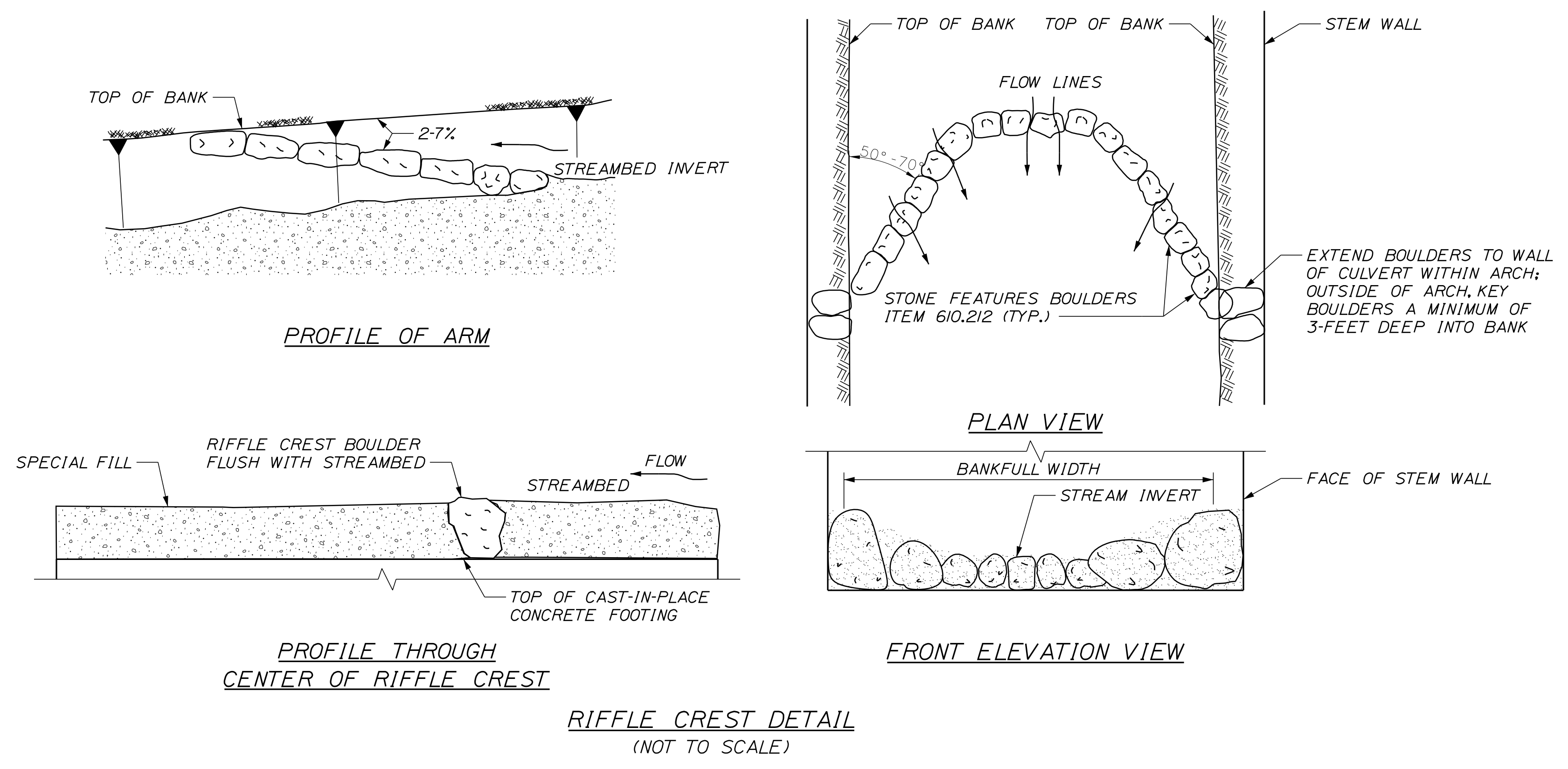
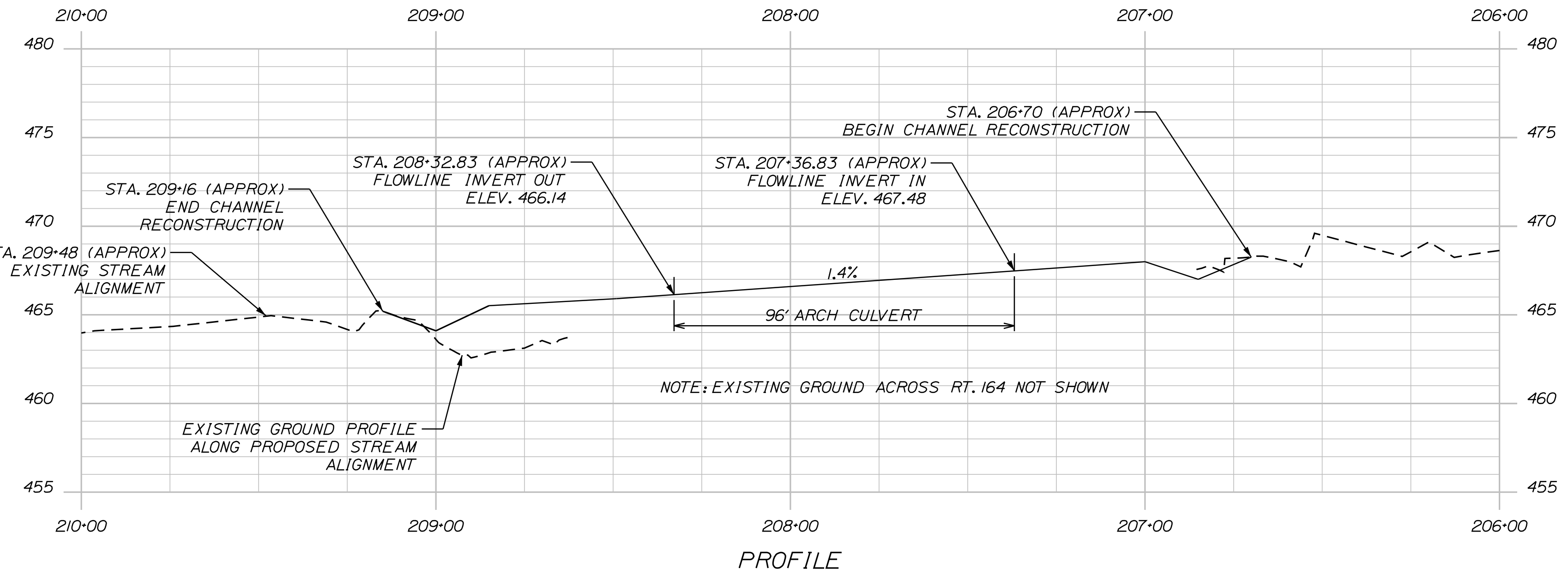
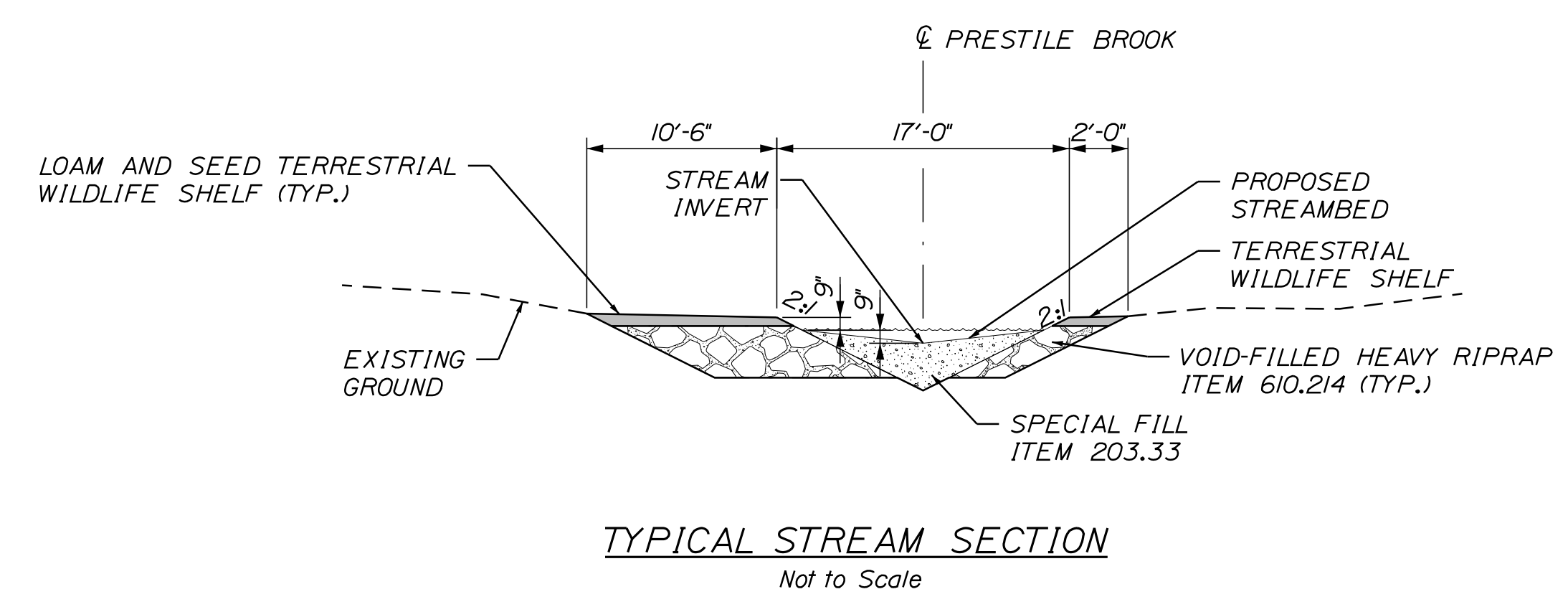
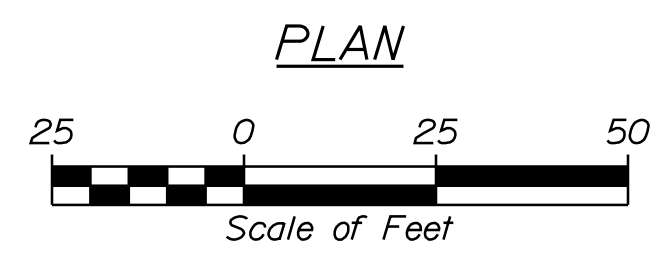
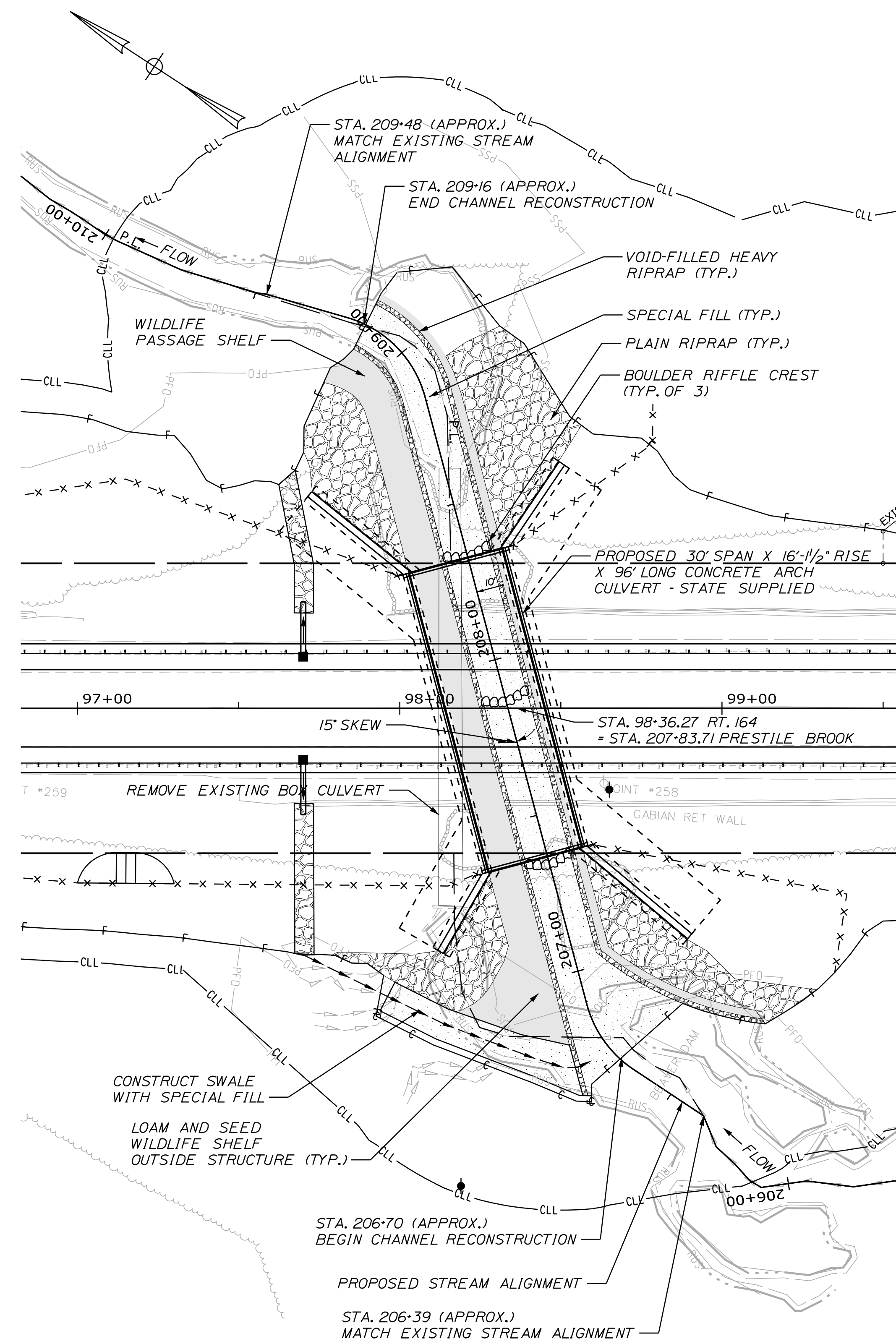
OF 31

Date: 1/30/2026

Username: bdarrach

Division: HIGHWAY

Filename: ... \MSTA070_HDPlan_Stream1.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
FEDERAL PROJECT NO. 2284510
BRIDGE NO. 6599
WIN 22845.10
HIGHWAY PLANS



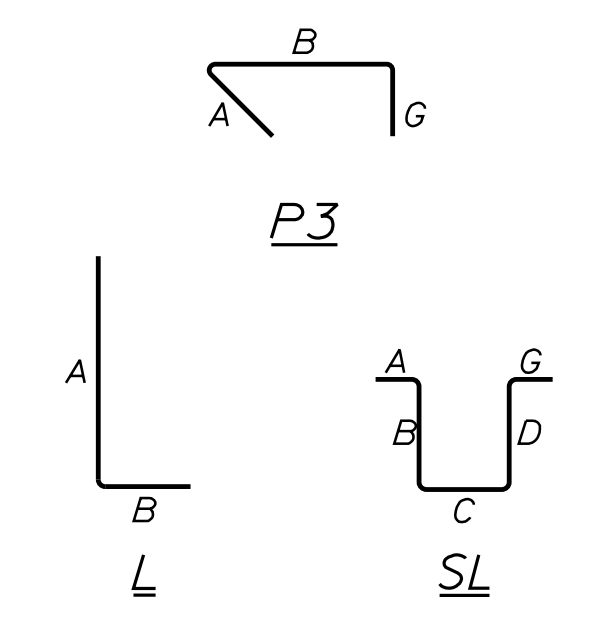
PROJ. MANAGER	DESIGN DETAILED	CHECKED	REVIEWED	DATE
	ANS	BND	AG	1/2026
	DESIGN DETAILED	DESIGN DETAILED		
	REVISIONS 1			
	REVISIONS 2			
	REVISIONS 3			
	REVISIONS 4			
	FIELD CHANGES			

CARIBOU HILL BRIDGE
PRESTILE HILL BRIDGE
STREAM PLAN & PROFILE

SHEET NUMBER
27
OF 31

STRAIGHT BARS								BENT BARS														
MARK	QTY.	LENGTH	LOCATION	MARK	QTY.	LENGTH	LOCATION	MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION
F600	234	33'-6"	Footing Longitudinal					F550	970	4'-4"	P3	0'-6"	3'-0"					0'-10"				Footing
F601	195	17'-6"	Wingwall Footings Bottom Mat					F650	194	10'-3"	L	9'-3"	1'-0"									Footing Vertical L-Bar
F602	76	27'-11"	Northwest Wingwall Footing					F750	535	11'-5"	L	10'-3"	1'-2"									Footing Vertical L-Bar
F603	76	30'-2"	Southeast Wingwall Footing					F850	308	12'-7"	L	11'-3"	1'-4"									Footing Vertical L-Bar
F604	38	40'-0"	Northeast Wingwall Footing					A550	196	3'-10"	P3	0'-6"	2'-6"					0'-10"				Stem Wall
F605	38	38'-4"	Southwest Wingwall Footing					A551	388	3'-6"	SL	0'-0"	1'-6"	0'-6"	1'-6"			0'-0"				Stem Wall
F900	384	37'-4"	Stem Wall Footing					A552	194	3'-2"	SL	0'-0"	0'-9"	1'-8"	0'-9"			0'-0"				Stem Wall
F901	384	17'-6"	Wingwall Footing Top Mat					W550	52	6'-6"	SL	0'-0"	1'-6"	3'-6"	1'-6"			0'-0"				Wingwall
A600	174	33'-6"	Stem Wall					W750	459	10'-5"	L	7'-5"	3'-0"									Wingwall
A601	194	7'-8"	Stem Wall																			
A700	194	7'-5"	Stem Wall																			
W700	58	21'-5"	Northwest Wingwall																			
W701	58	23'-5"	Southeast Wingwall																			
W702	58	17'-11"	Northeast Wingwall																			
W703	58	16'-3"	Southwest Wingwall																			

TYPE - BENDING DIAGRAMS



All dimensions are out-to-out of bar.
 Bending details and hooks shall conform to the recommendations of the current revision of ACI Standard 315 and ACI Standard 318.
 Reinforcing Bar: ASTM A615, Grade 60

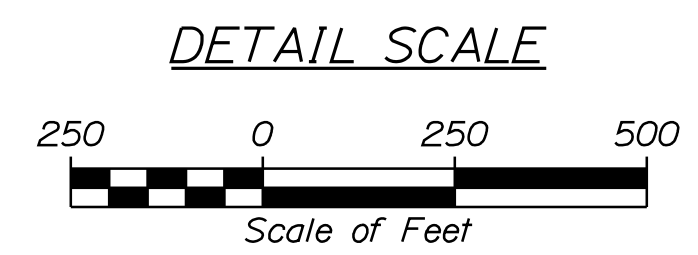
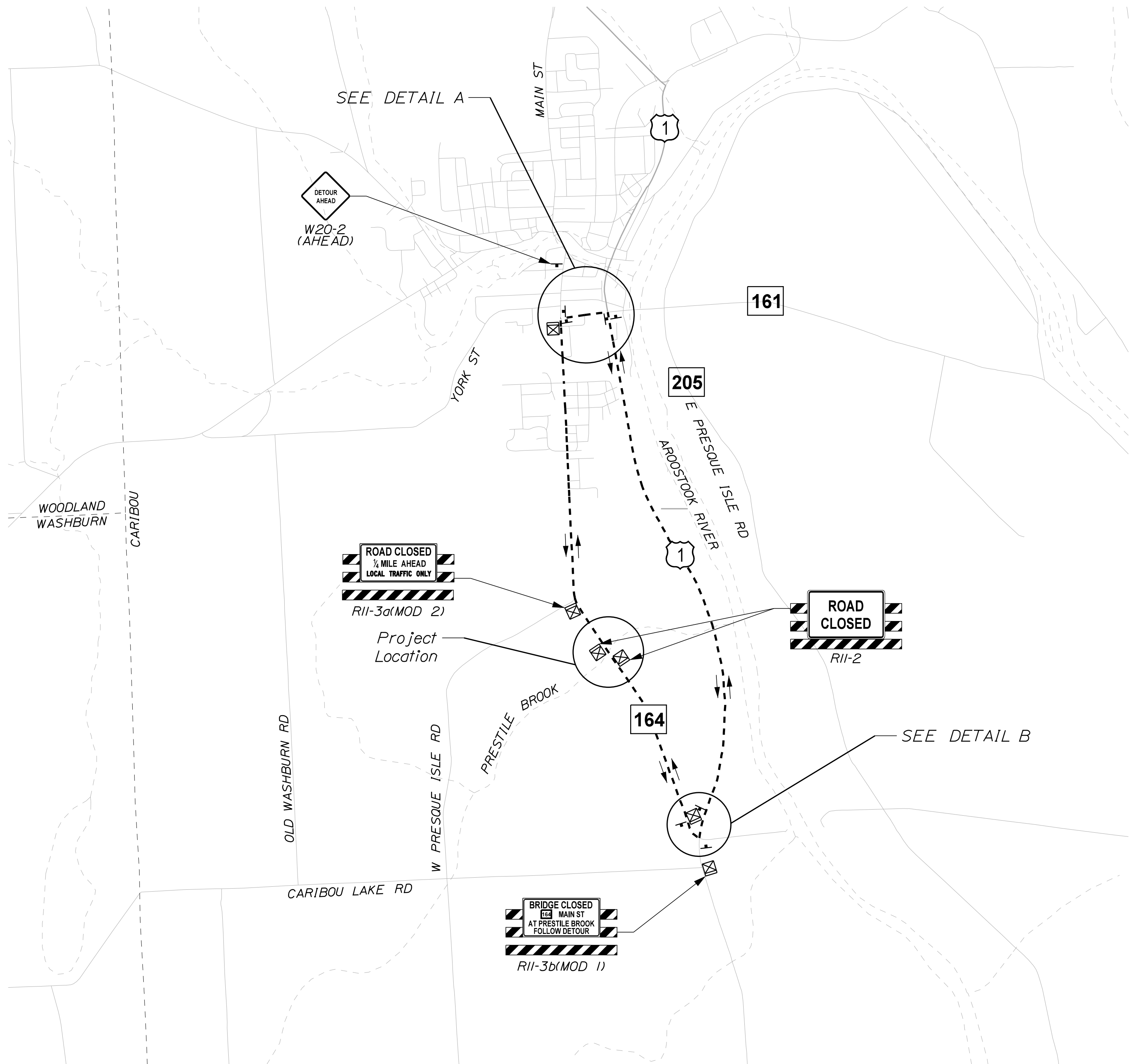
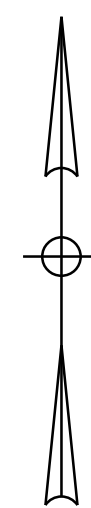
GENERAL NOTES

1. The first two digits following the letter(s) of the mark indicate the size of the bar:
 Mark "A502" = bar size #5
 Mark "F805" = bar size #8
 Mark "W650" = bar size #6

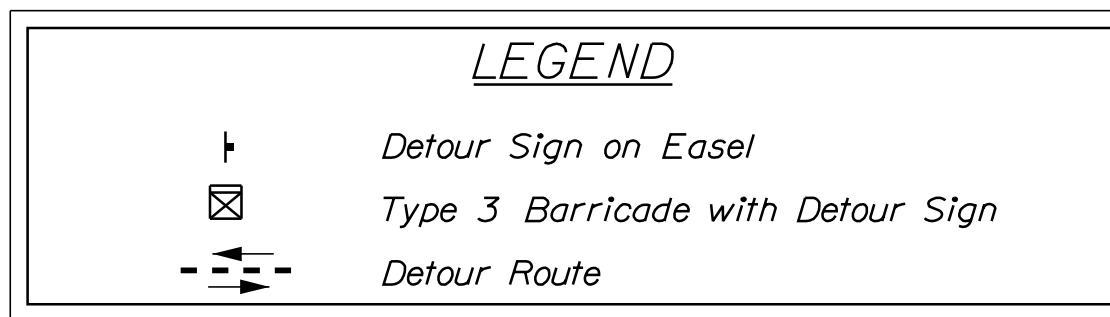
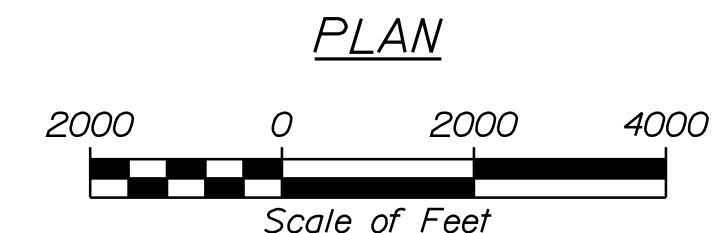
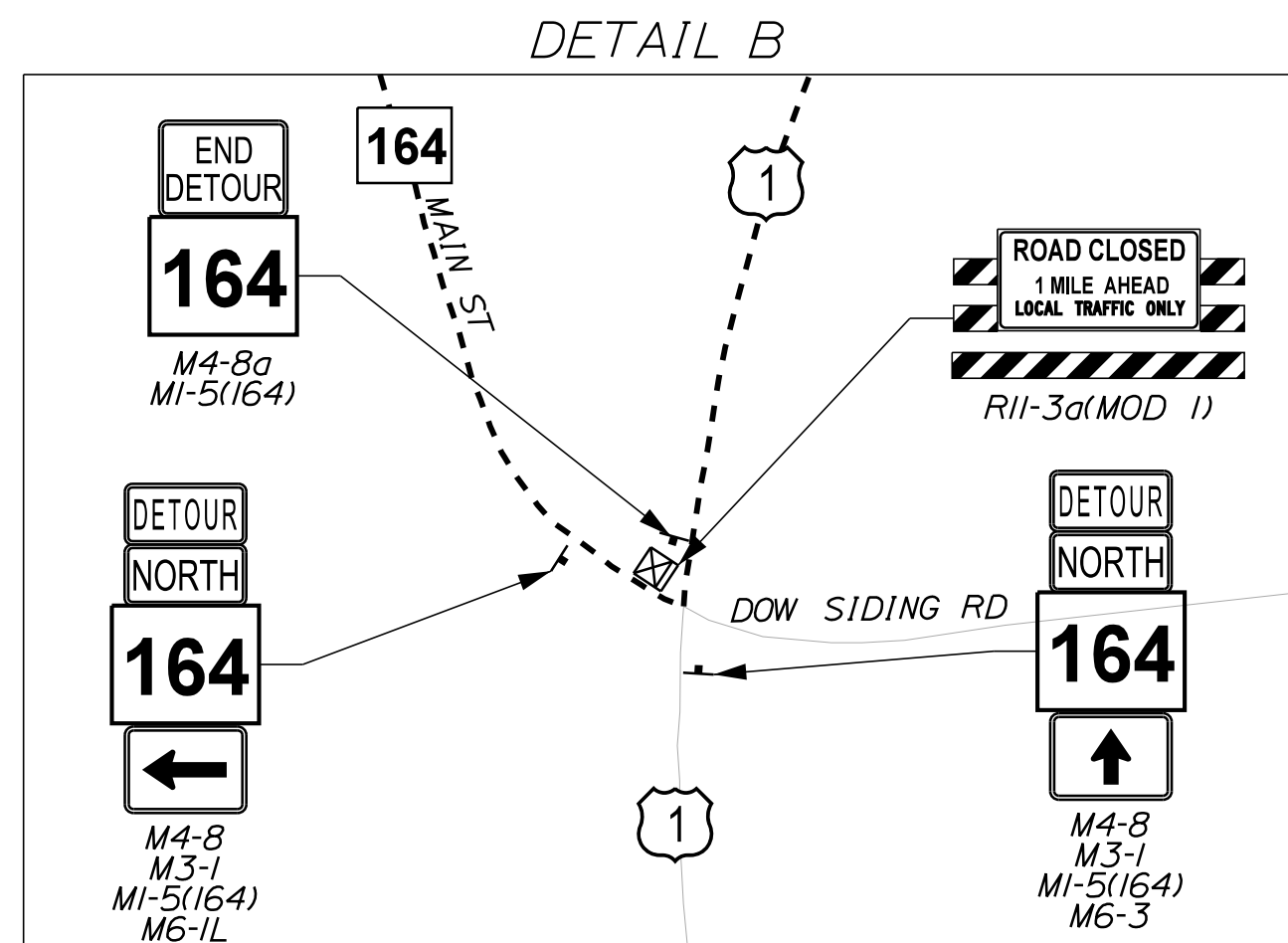
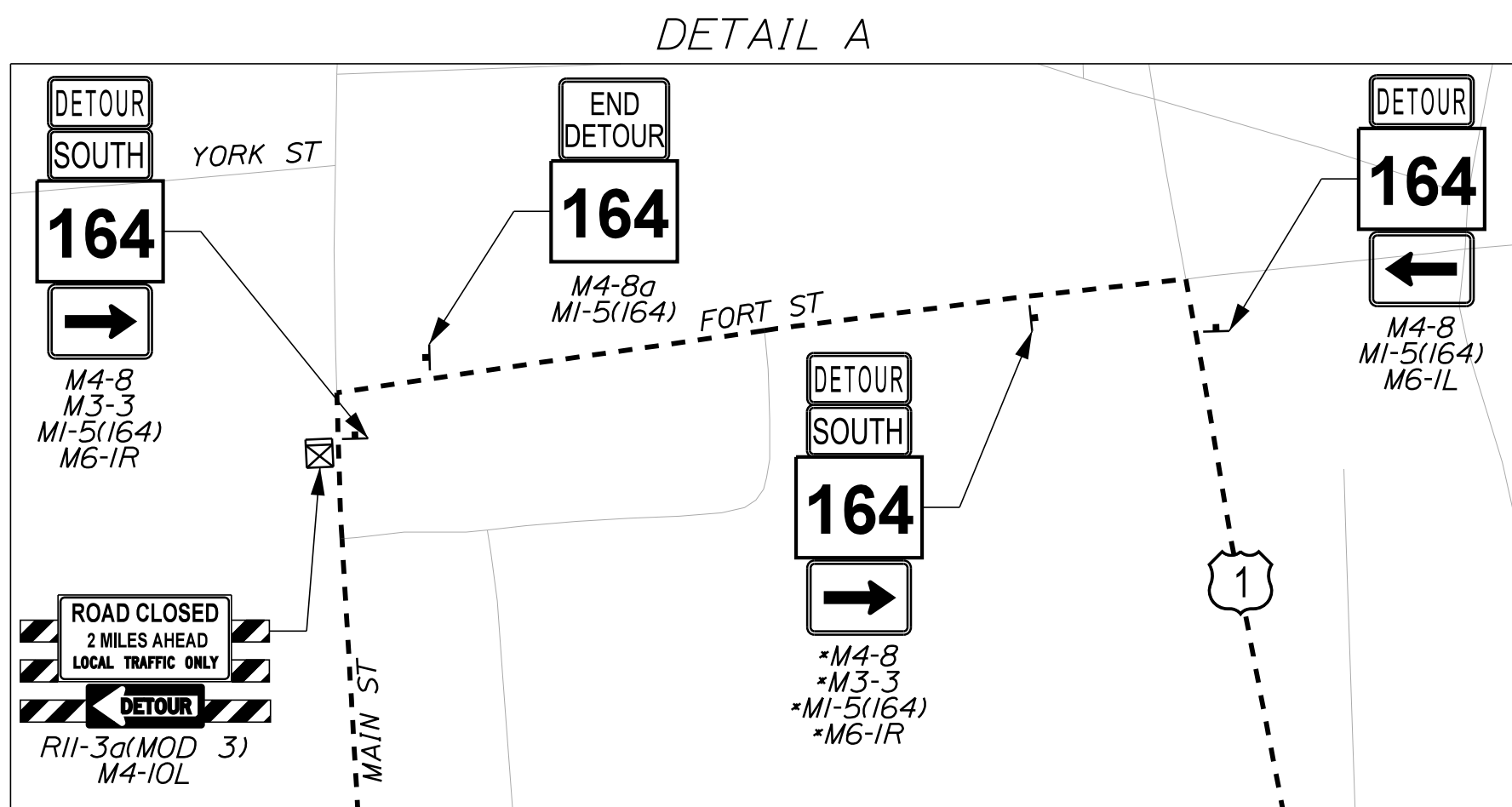
STATE OF MAINE DEPARTMENT OF TRANSPORTATION FEDERAL PROJECT NO. 2284510		BRIDGE NO. 6599 WIN 22845.10 HIGHWAY PLANS	
PROJ. MANAGER DESIGN DETAILED JAH CHECKED-REVIEWED ELW DESIGN DETAILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	R. SOURCE JAH ELW	BY JAH BAR	DATE 1/2026 1/2026
CARIBOU PRESTILE HILL BRIDGE		REINFORCING SCHEDULE	
SHEET NUMBER 28 OF 31			

DETOUR SIGN SUMMARY				
Sign	Text Dimensions (Inches)		Size	Quantity and Color
	Letter Height	Vertical Spacing		
M1-5(164)	164	SHSB	30x24	7 - Black on White
M3-1	NORTH		24x12	3 - Black on Orange
M3-3	SOUTH		24x12	2 - Black on Orange
M4-8	DETOUR		24x12	5 - Black on Orange
M4-8a	END DETOUR		24x18	2 - Black on Orange
M4-10L	← DETOUR		48x18	1 - Black on Orange
M6-1R	→		21x15	2 - Black on White
M6-1L	←		21x15	2 - Black on White
M6-3	↑		21x15	1 - Black on White
W20-2(AHEAD)	DETOUR AHEAD		36x36	1 - Black on Orange
R11-2	ROAD CLOSED		48x30	2 - Black on White
R11-3a(MOD 1)	ROAD CLOSED 1 MILE AHEAD LOCAL TRAFFIC ONLY		60x30	1 - Black on White
R11-3a(MOD 2)	ROAD CLOSED 1/2 MILE AHEAD LOCAL TRAFFIC ONLY		60x30	1 - Black on White
R11-3a(MOD 3)	ROAD CLOSED 2 MILES AHEAD LOCAL TRAFFIC ONLY		60x30	1 - Black on White
R11-3b(MOD 1)	BRIDGE CLOSED AT MAIN ST AT PRESTILE BROOK FOLLOW DETOUR		60x42	1 - Black on White

SHSB - Text Dimensions Shall Conform to "Standard Highway Signs Book" - 2012 Edition.



*INSTALL DETOUR SIGNS WITH EXISTING ROUTE MARKER ASSEMBLY



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
FEDERAL PROJECT NO. 2284510

BRIDGE NO. 6599
WIN
22845.10
HIGHWAY PLANS

PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN DETAILED	AJS	BMD	1/2026
CHECKED/REVIEWED	ECF	AG	1/2026
DESIGN DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CARIBOU
PRESTILE HILL BRIDGE

DETOUR PLAN

SHEET NUMBER

29

OF 31

Town, County, State _____
 Approx. Property Lines _____ P.L.
 Existing Right of Way _____
 Limits of Wrought Portion _____ L.O.W.P.
 Control Of Access _____ C.O.A.
 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 CHAIN LINK _____
 Sign _____
 Clearing Limit Line _____
 Deciduous _____
 Bush Line _____
 Rock/Boulder _____
 Flag Pole _____
 BARB WIRE _____
 WELL _____
 STOCKADE _____
 MALLBOX _____

PLAN LEGEND

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

Cut Line _____
 Stonewall _____
 Baseline _____
 Monument _____
 Iron Rod Found _____ IRF
 Replacement Pin Set _____
 Fill Line _____
 Retaining Wall _____
 Traverse Point _____
 Pipe Found _____ IPF

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.

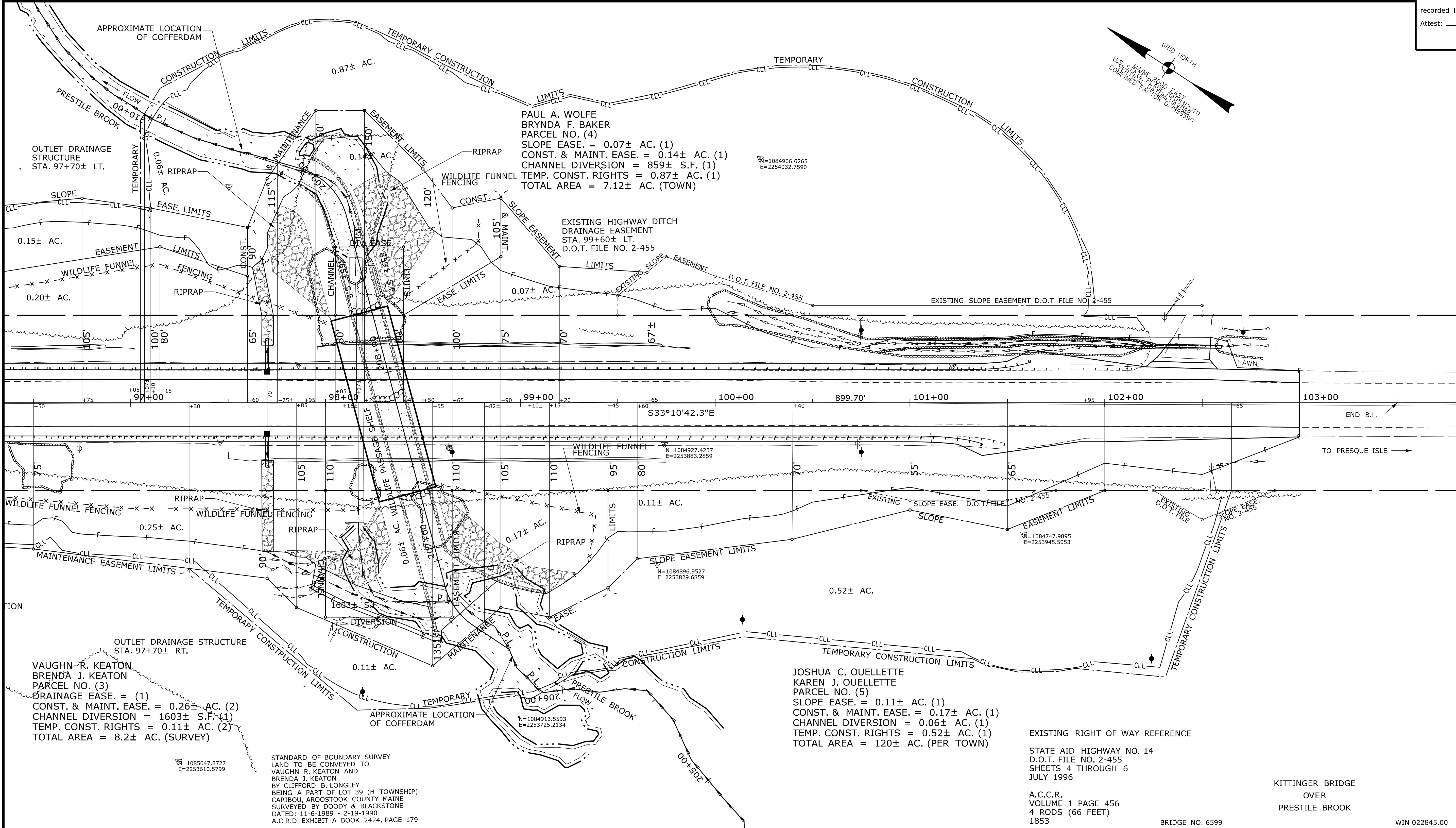
Scale of Feet: 0, 25, 50, 75, 100

GRID NORTH

U.S. - MAINE 2000 EAST NAD 83 (2011)
 MERIDIAN 121° 45' 00" W
 COMBINED ACTOR 0.9945550

STATE OF MAINE
 REGISTRY OF DEEDS

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



TECH	CHECKED
SAN	JDF
SAN	DSG
SAN	KDM

ITEM	EXISTING CONDITION PLAN	FINAL RIGHT OF WAY AREAS

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK

NO.	GRANTOR	PAGE	COUNTY RECORD
NO.	INSTRUMENT	DATE	BOOK PAGE

DALE F. DOUGHTY
 ACTING COMMISSIONER
 WILLIAM A. PULVER
 CHIEF ENGINEER

DATE _____

STATE AID HIGHWAY NO. 14
 ROUTE 164 / MAIN STREET
 CARIBOU AROOSTOOK COUNTY
 FEDERAL AID PROJECT NO. 2284500

APRIL 2025
 SCALE 1" = 25'

RIGHT-OF-WAY MAP
 SHEET 2 OF 2

D.O.T. FILE NO. 2-659

SHEET NUMBER
31
 OF 31

Date: \$date\$
 Username: \$user\$
 Division: \$wkgroup\$
 Filename: \$file\$