

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



BREMEN
LINCOLN COUNTY
ROUTE 32 STRUT
STATE PROJECT NO. 18104.00
PROJECT LENGTH : 0.03 MILES

PLAN LEGEND

Town, County, State	Centerline-Existing	
Property Lines	Centerline-Proposed	10+50
R/W Lines-Existing	Travelway-Existing	
R/W Lines-Proposed	Travelway-Proposed	
Culvert-Existing	Railroad	
Culvert Proposed		
Curbing Existing	Catch Basins	Existing Proposed
Type 1	Manholes	Existing Proposed
Type 3	Proposed Underdrain	
Type 5	Proposed Ditch	
Outline of Bodies of Water	Existing Ditch	
Ledge	Utility Poles	Existing Proposed
Buildings	Fire Hydrants	Existing Proposed
Trees	Existing Water Line	
Tree Line	Existing San. Sewer	
Clearing Limit Line	Existing San. Sewer Manhole	
	Guardrail-Existing	
	Guardrail-Proposed	
	Guardrail-Cable, Other	

INDEX OF SHEETS

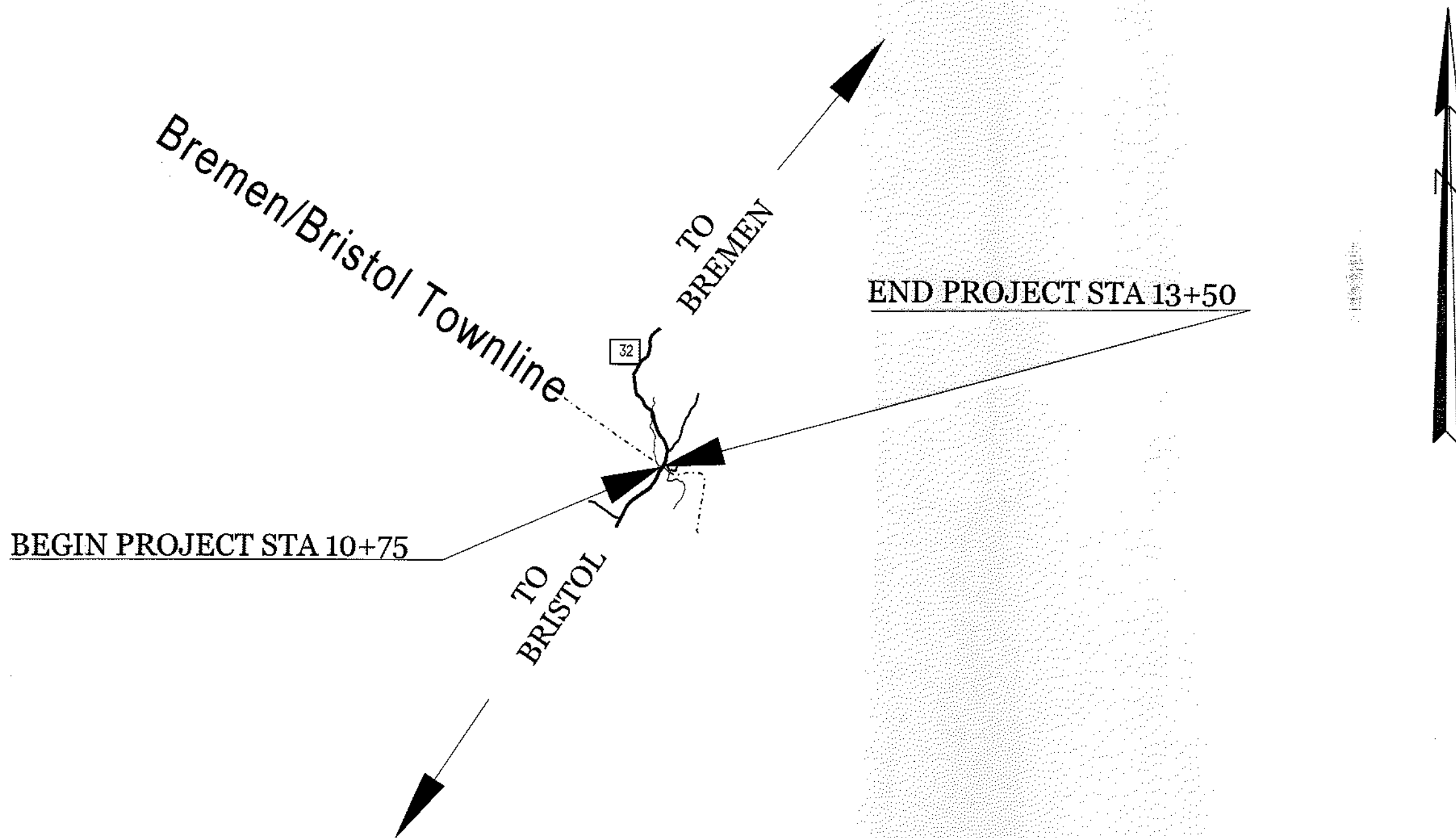
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TRAFFIC DATA

Current (2012) AADT	960
Future (2032) AADT	1150
DHV - % of AADT	15%
Design Hour Volume	173
% Heavy Trucks (AADT)	9%
% Heavy Trucks (DHV)	6%
Directional Distribution (DHV)	55%
18 kip Equivalent P 2.0	34
18 kip Equivalent P 2.5	32
Design Speed (mph)	45
Functional Class:Major/Urb Collector	

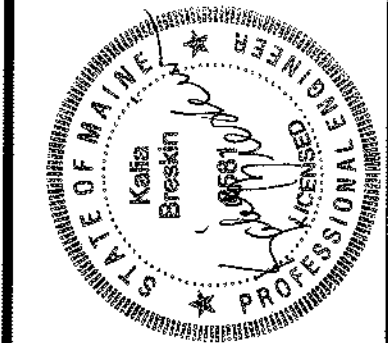
HYDROLOGIC DATA

Drainage Area	3.63 sq mi
Design Discharge (Q50)	181.1 cfs
Check Discharge (Q100)	208.8 cfs
Headwater Elevation (Q50)	32.9 ft
Headwater Elevation (Q100)	33.1 ft
Discharge Velocity (Q50)	7.7 fps
Discharge Velocity (Q100)	8.1 fps



PROJECT LOCATION:	LOCATED 0.01 MILES NORTHERLY OF THE BRISTOL/BREMEN TOWNLINE
PROGRAM AREA:	HIGHWAY PROGRAM
OUTLINE OF WORK:	STRUCTURAL REPLACEMENT OF EXISTING CULVERT.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
		11/13/12
COMMISSIONER		
CHIEF ENGINEER		11/16/12



Kelle Breslin	DATE
SIGNATURE	10/24/2012
P.E. NUMBER	

PROJECT INFORMATION	PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
HIGHWAY	SHAWN SMITH	BERTA ESTES					

BREMEN ROUTE 32 STRUT	TITLE SHEET
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SHEET NUMBER	1
OF 20	

[illegible]

GENERAL CONSTRUCTION NOTES

1. *During construction, the road will be closed to traffic for a time period specified in the Special Provisions.*
2. *For easements, construction limits and right of way lines, refer to Right of Way Map.*

3. 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.

4. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.

5. Do not excavate for Aggregate Subbase Course where existing material is suitable as determined by the Resident.

6. Any material excavated at the inlet/outlet pools, below the normal water line, of the existing culverts is considered dredge material and must be re-used on site as directed by the Resident. Payment for this work shall be considered incidental to related Contract items.

7. 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.

8. Removal of the existing culverts and any surrounding existing backfill material that falls beyond the pay limits of excavation items 203.20 & 206.082 shall be considered incidental to to item 531.51 Bridge Structure - Detail Build.

9. All embankment material, except as otherwise shown, placed below EL. 33 shall be Granular Borrow meeting the requirements of Subsection 703.19, Material for Underwater Backfill.

10. Construct the riprap shelf at each abutment at EL. 32.

11. *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.*

12. 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 of abutment backwalls/wingwalls and to one foot below the top of
backwalls/wingwalls on the back side.*

payment for protective coating shall be considered incidental to item
531.51 Bridge Struture - Detail Build.

13. Project information referred to below may be accessed at the following MaineDOT web address: http://www.maine.gov/mdot/contractors/*projecttbl.

14. The project geotechnical report titled: Soils Report No. 2012-05 Bremen, Lincoln Co. 18104.00 State Route 32 Strut, April 4, 2012 may be accessed at the MaineDOT web address.

15. 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.

16. 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:

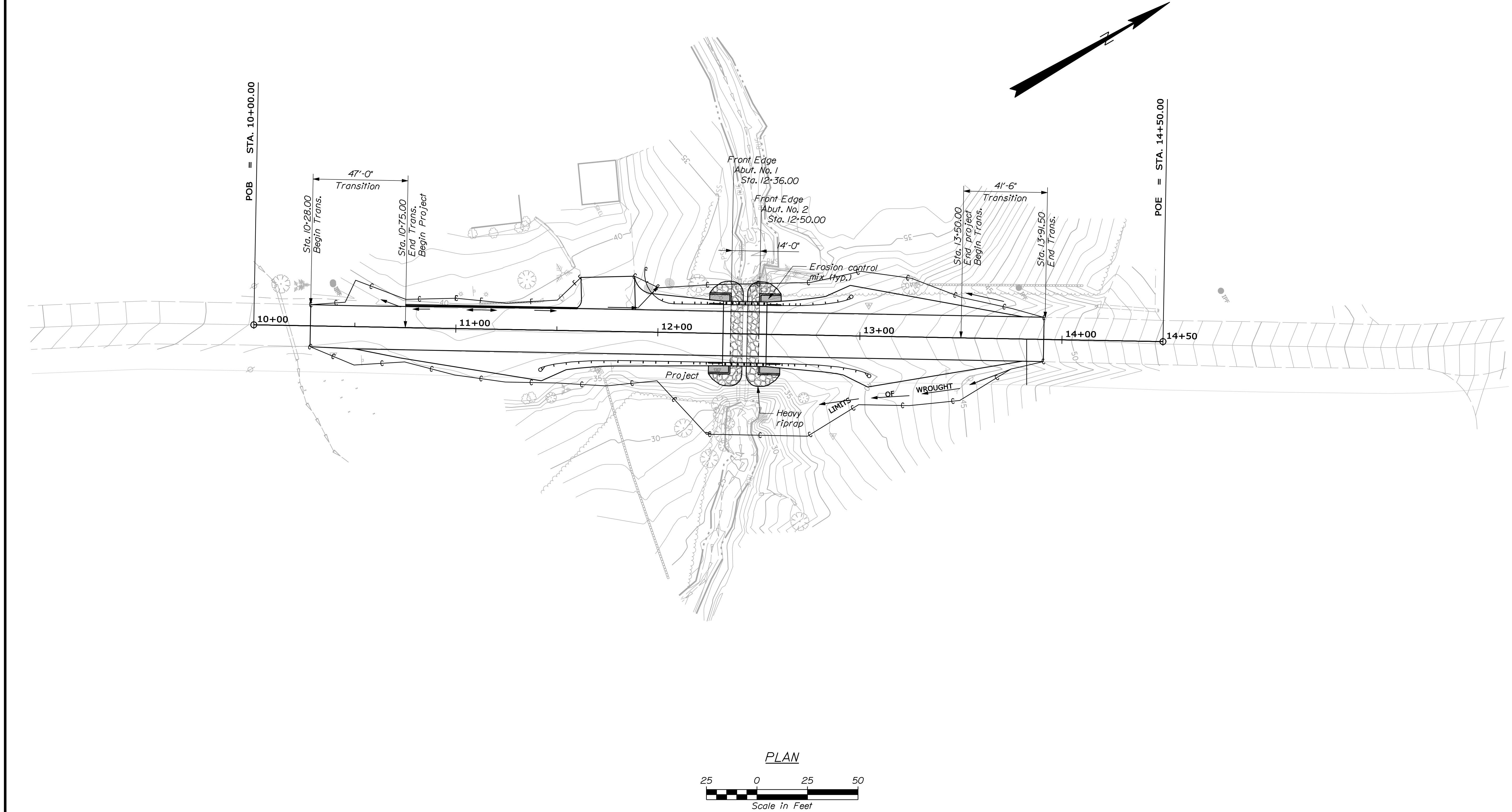
a. If a Lump Sum pay item is eliminated, the requirements of Standard Specifications Section 109.2, Elimination of Items, will take precedence.

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.

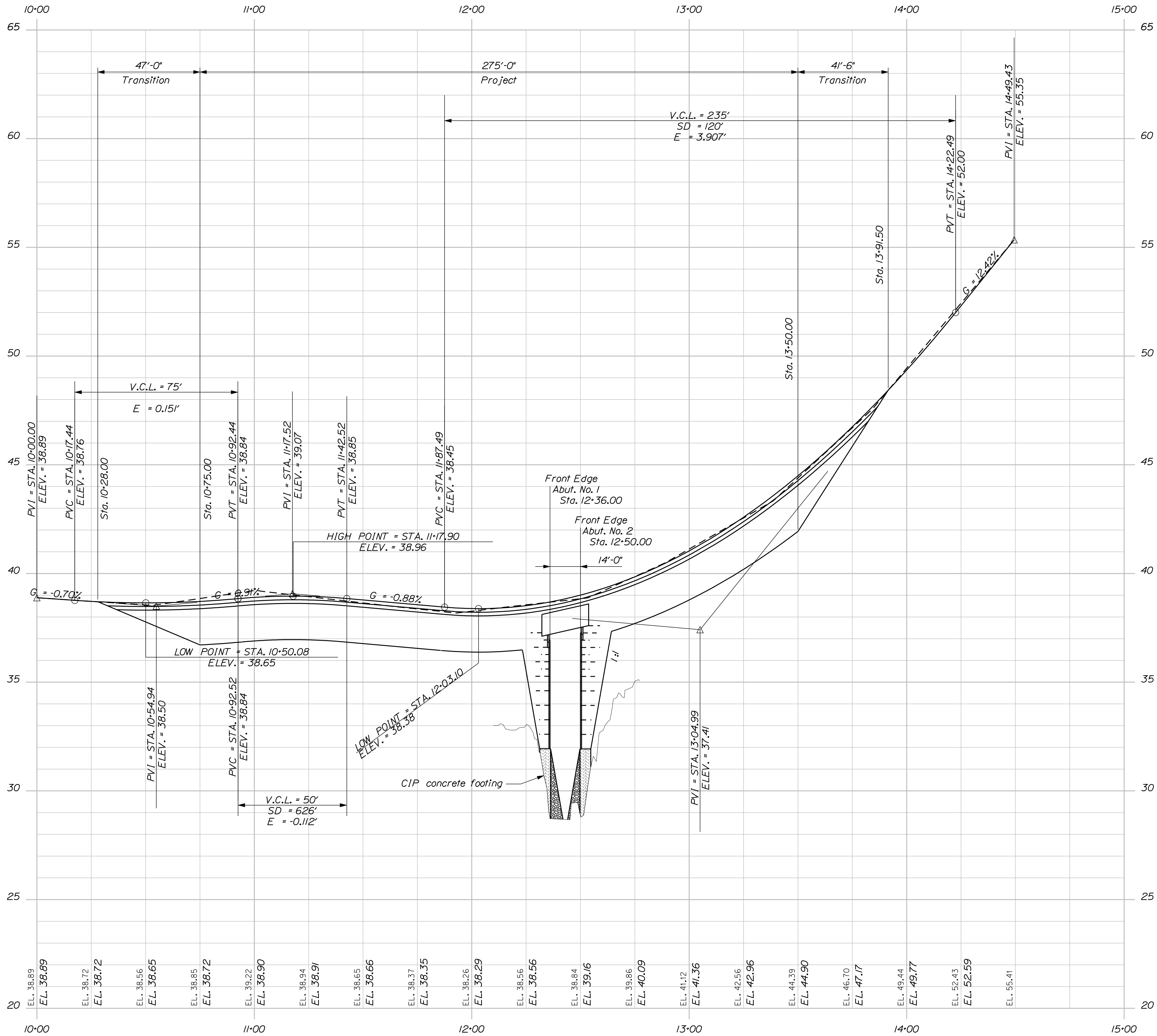
17. Item number 203.51, Open Graded Backfill, will be used as abutment fill in this construction. This material will be compacted to a minimum of 95 percent of the maximum dry density according to AASHTO T-99 and +/- 2% of optimum moisture content. In the bearing reinforcement zone, compact to 100% of maximum dry density according to AASHTO T-99. Only hand operated compaction equipment is allowed within 3-feet of the wall face.

2 OF 20	SHEET NUMBER	ESTIMATED QUANTITIES	PROJ. MANAGER	SHAWN SMITH	BY	DATE
			DESIGN-DETAILED	BERIA ESTES		
			CHECKED-REVISED			
			DESIGN2-DETAILED2	K.BRESKIN	ADN	SIGNATURE
			DESIGN3-DETAILED3		I. WHITE	P.E. NUMBER
			REVISIONS 1			
			REVISIONS 2			
			REVISIONS 3			
			REVISIONS 4			DATE
			FIELD CHANGES			
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		FUNDING WITH NOAA				
WIN 18104.00						



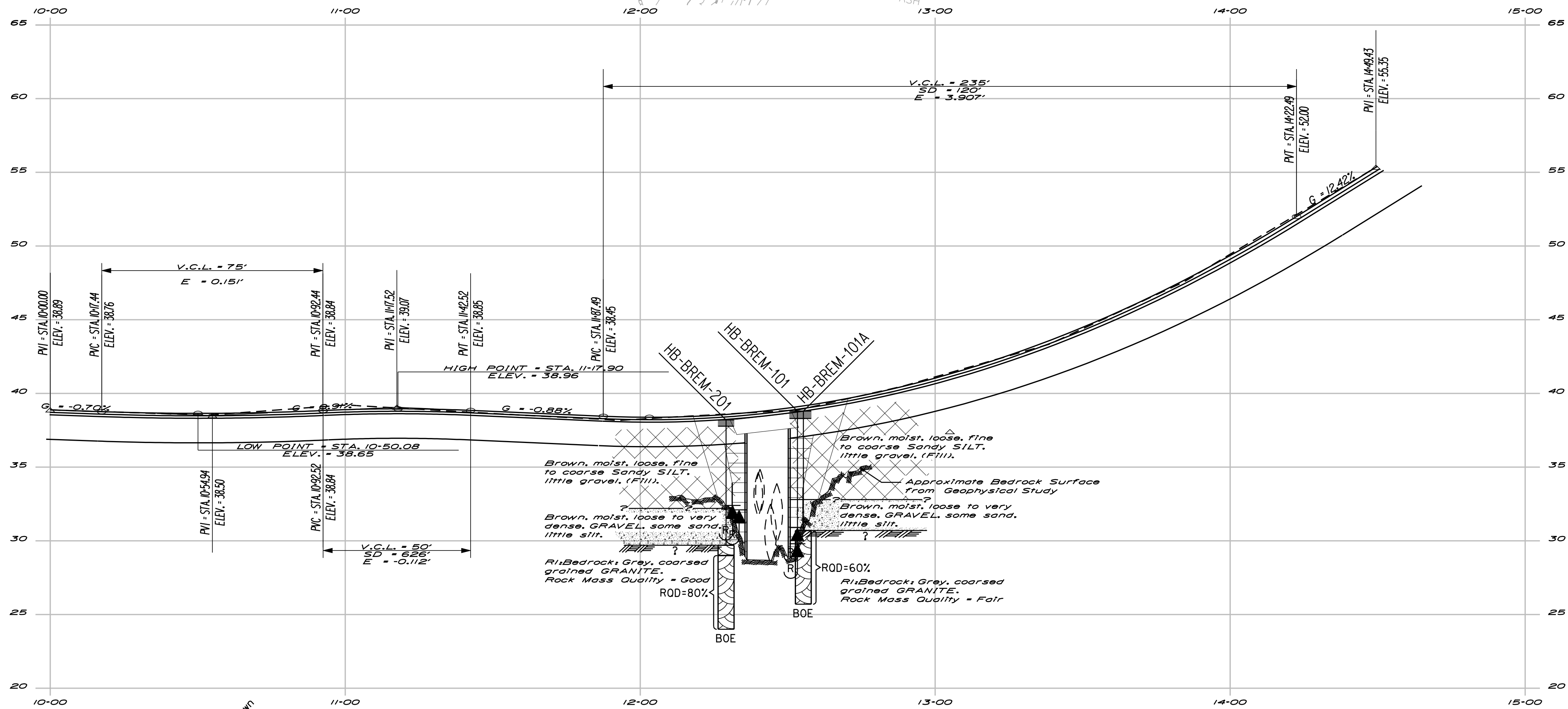
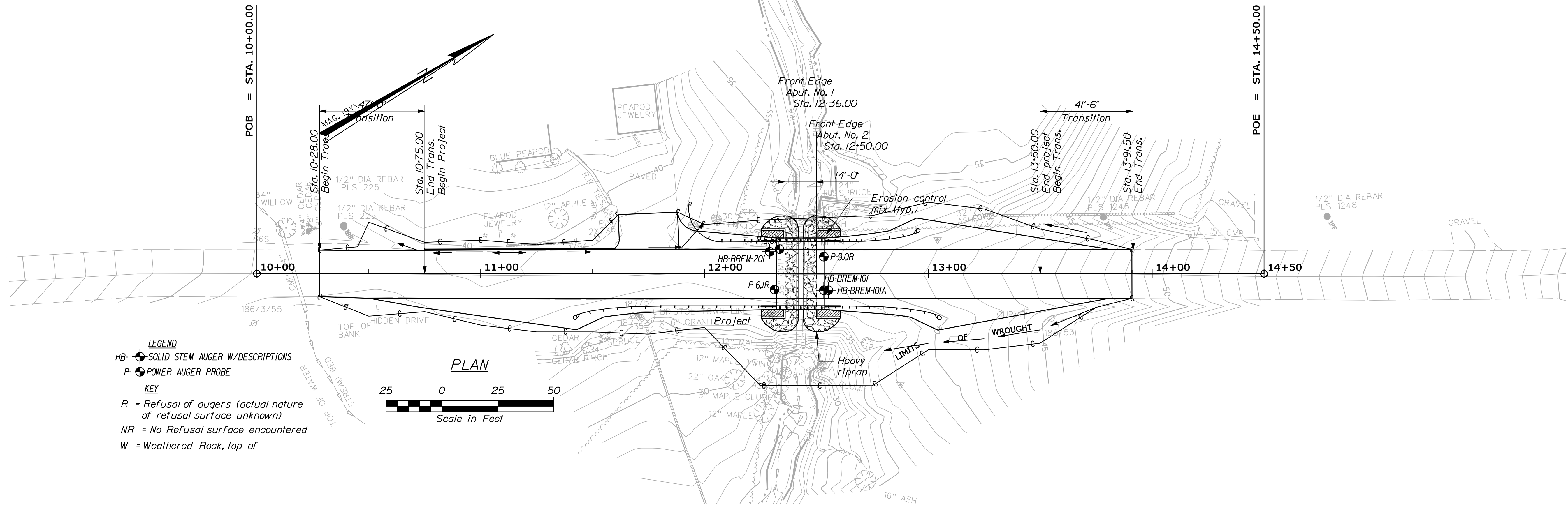
PLAN

STATE OF MAINE DEPARTMENT OF TRANSPORTATION FUNDING WITH NOAA WIN 18104.00 HIGHWAY PLANS		PROJ. MANAGER SHAWN SMITH CHECKED-REVIEWED BERTA ESTES DESIGN-DETAILED K. BRESKIN DESIGN-DETAILED T. WHITE REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES		DATE SIGNATURE P.E. NUMBER DATE	
SHEET NUMBER		3		OF 20	
BREMEN ROUTE 32 STRUT PLAN					



PROFILE

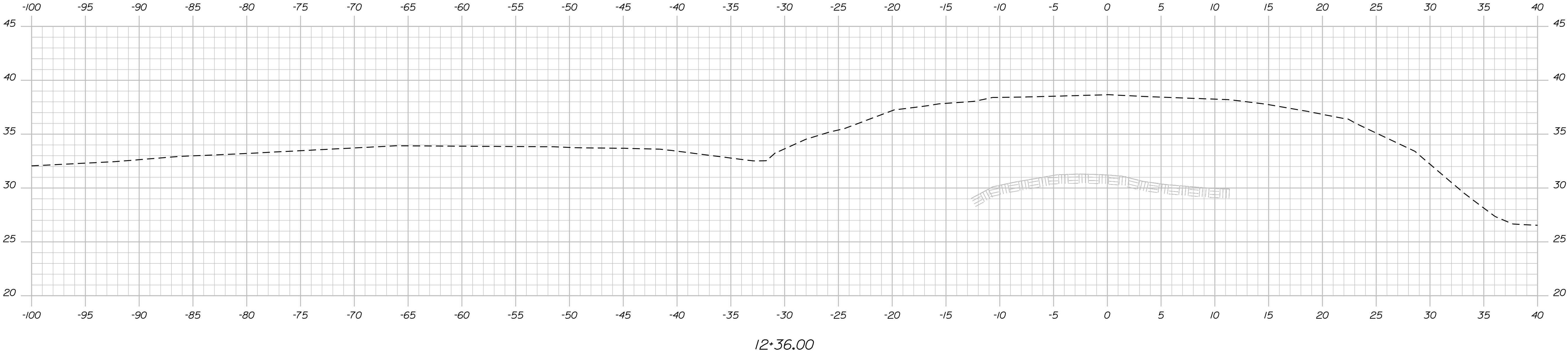
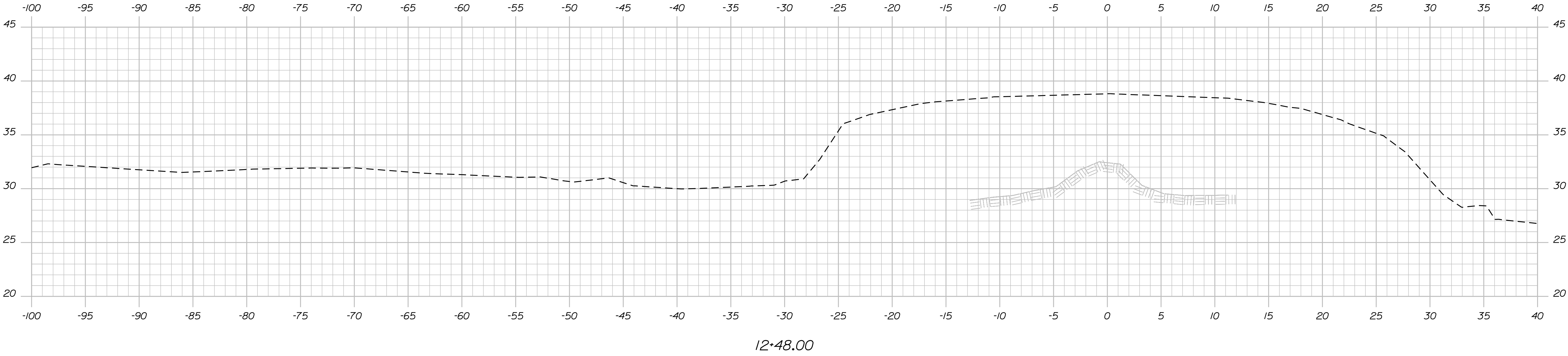
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	DATE	
SHEET NUMBER		WIN 18104.00 HIGHWAY PLANS
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OF 20		



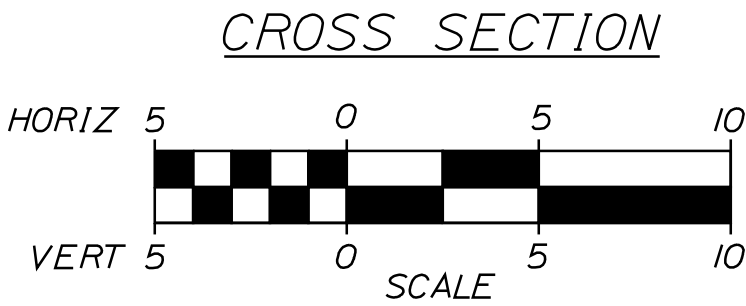
Note: This generalized interpretive soil profile is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and have been developed by interpretations of widely spaced explorations and samples. Actual soil transitions may vary and are probably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

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	T. WHITE	JAN 2012			
CHECKED-REVIEWED					
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

BREMEN
ROUTE 32 STRUT
GEOPLANS &
INTERPRETIVE SUBSURFACE PROFILE



LEGEND
Approximate Bedrock Surface from
Geophysical Study by
Hager-Richter Geoscience, Inc (2012)



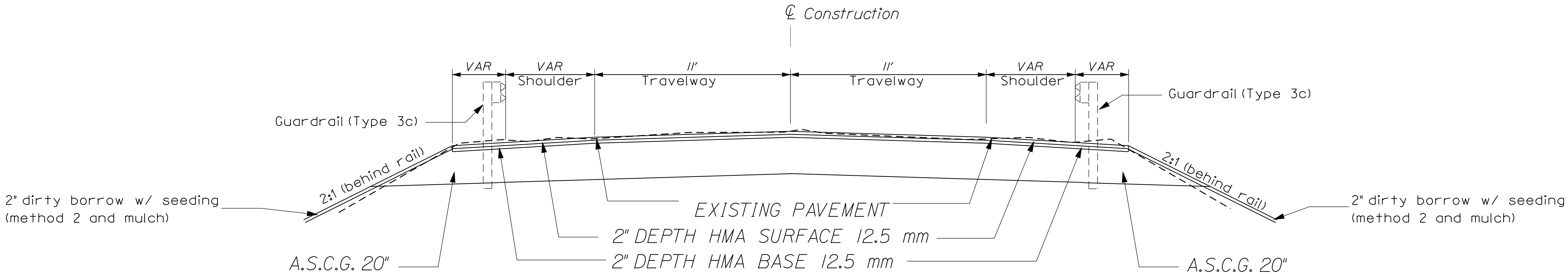
STATE OF MAINE DEPARTMENT OF TRANSPORTATION FUNDING WITH NOAA WIN 18104.00 HIGHWAY PLANS					
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Maine Department of Transportation				Project: Strust Replacement Route 32		Boring No.: HB-BREM-101A						
Soil/Bore Exploration Log US CUSTOMARY UNITS				Location: Bremen, Maine		WIN: 18104.00						
Driller: MaineDOT		Elevation (ft.): 38.8		Auger ID/OD: 5" Dia.								
Operator: Giguere/Giles		Datum: NAVD88		Sampler: Standard Split Spoon								
Logged By: B. Wilder		Rig Type: CME 45C		Hammer Wt./Fall: 140W/30"								
Date Start/Finish: 4/28/11 12:30-14:00		Drilling Method: SSA/Cased Wash Boring		Core Barrels: NQ-2"								
Boring Location: 12+55.3, 7.3 ft Rf.		Casing ID/OD: HW		Water Level*: None Observed								
Hammer Efficiency Factor: 0.84				Hammer Type: Automatic ☒ Hydraulic ☐		Rope & Catched ☐						
Definitions: S = Split Spoon Sample MD = Unsuccessful Split Spoon Sample attempt U = Thin Wall Tube Sample MU = Unsuccessful Thin Wall Tube Sample attempt V = Initial Vane Shear Test PP = Pocket Penetrometer MU = Unsuccessful Initial Vane Shear Test attempt WPF = Weight of one person				A = Rock Core Sample SSA = Split Stem Auger HSA = Hollow Stem Auger BC = Roller Core WH = Weight of 140lb. hammer BSFC = weight of rods or casing WPF = Weight of one person T _u = Initial Field vane Shear Strength (psf) T _u = Pocket Torque Shear Strength (psf) q _c = Uncorrected Compressive Strength (ksf) uncorrected = Raw Field SPT blow rate Hammer Efficiency Factor = Annual Calibration value N ₆₀ = SPT uncorrected corrected for hammer efficiency N ₆₀ = Hammer Efficiency Factor/60%uncorrected C = Consolidation Test Liquid Limit Plastic Content, percent Liquid Limit Plastic Limit Plasticity Index Grain Size Analysis Consolidation Test								
Sample Information												
Bearing (ft.)	Sample No.	Pen./Blow, in.	Sample Depth (ft.)	Blows /6 in. (ft.)	Strength (ksi)	Uncorrected	N ₆₀	Coring Blows	Elevation (ft.)	Graphic Log	Visual Description and Remarks	Laboratory Testing Results/ ASTM and Unified Class
0								SS4	38.30		6" Pavement	0.50
											See HB-BREM-101 for soil descriptions. (F111)	
5								36				
								69				
	R1	60/60	8.10 - 13.10		ROO = 60%			NO-2	30.70		#100 blows for 0.8 ft. Roller Coned through Cable from 7.8-8.1 ft bgs.	8.10
10											Top of Bedrock at Elev. 30.7 ft. R1=Bedrock Grey, coarse-grained, GRANITE, with two joint sets: steeply dipping, tight and flat, open, with iron staining. Rock Mass Quality = Fair. R1(Core Times (min/sec)) 6.1-9.1 ft (2300) 9.1-10.1 ft (3145) 10.1-11.1 ft (4100) 11.1-12.1 ft (3150) 12.1-13.1 ft (4100) 100% Recovery	3.10-
15											Bottom of Exploration at 13.10 feet below ground surface.	
20												
25												
Remarks:												
Stratification lines represent approximate boundaries between soil type transitions may be gradual.											Page 1 of 1	
* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.											Boring No.: HB-BREM-101A	

FULL CONSTRUCTION
W/ 4" HMA & 20" ASCG

NOTE:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL
2. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 2" LOAM OR DIRTY BORROW DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
3. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVEWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
FUNDING WITH NOAA	
WIN	
18104.00	HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED	BERTA ESTES		
CHECKED-REVIEWED			
DESIGN-DETAILED	K. BRESKIN		
DESIGN-DETAILED	T. WHITE		
REVISIONS 1			P.E. NUMBER
REVISIONS 2			
REVISIONS 3			DATE
REVISIONS 4			
FIELD CHANGES			

BREMEN ROUTE 32 TYPICAL SECTION

SHEET NUMBER
8
OF 20

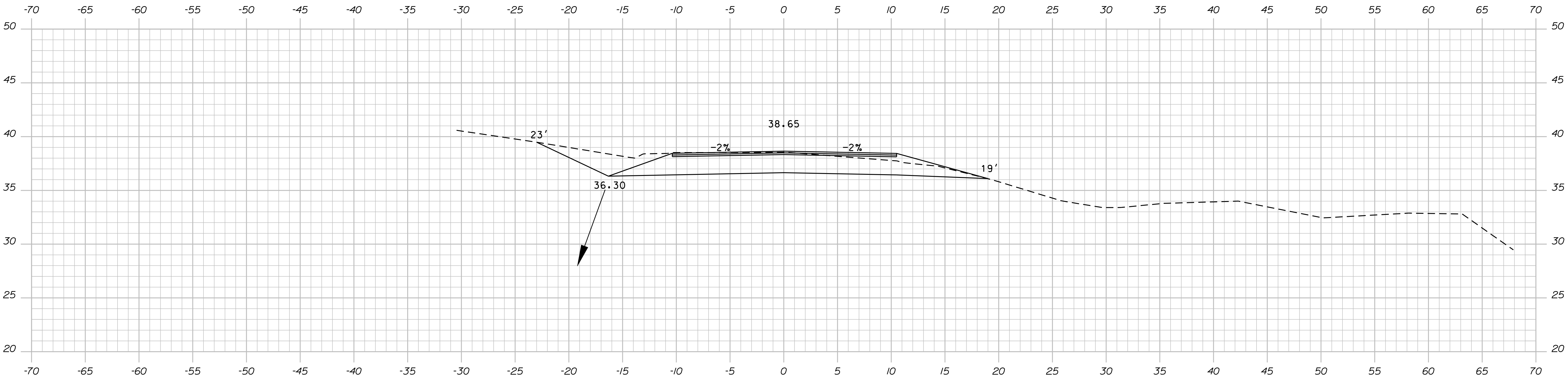
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Date: \$date\$

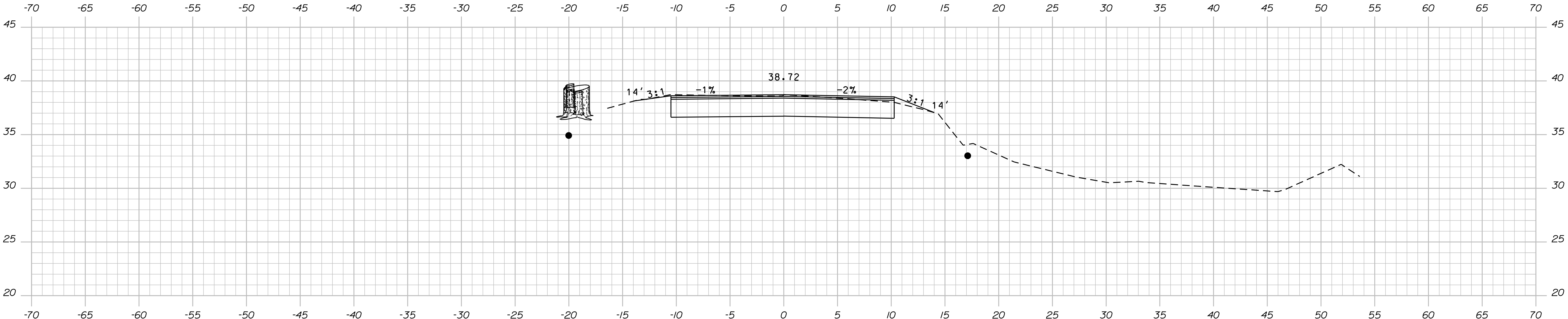
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Division: \$wkgroup\$

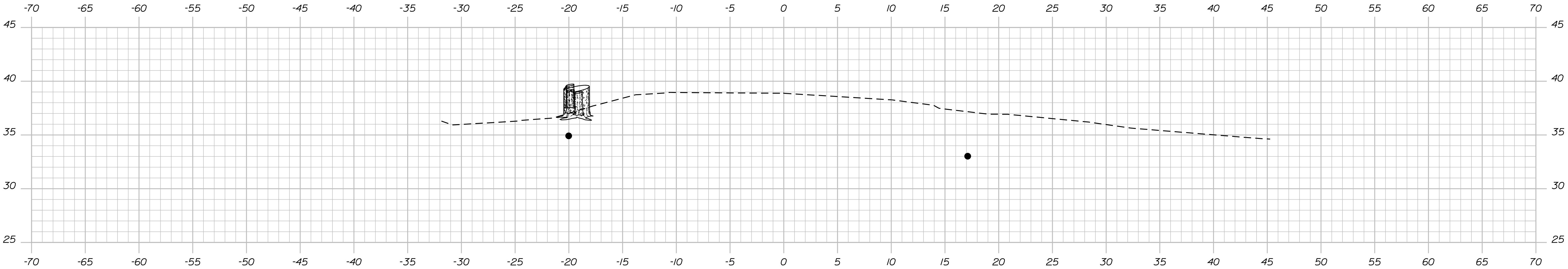
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10+50.00



10+28.00



10+00.00

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
FUNDING WITH NOAA	
WIN	HIGHWAY PLANS
18104.00	

PROJ. MANAGER	SHAWN SMITH	BY	T. WHITE	DATE	JAN 2012
CHECKED-DETAILED	B. ESTES			SIGNATURE	
DESIGN-DETAILED	K. BRESKIN			P.E. NUMBER	
REVISIONS 1				DATE	
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

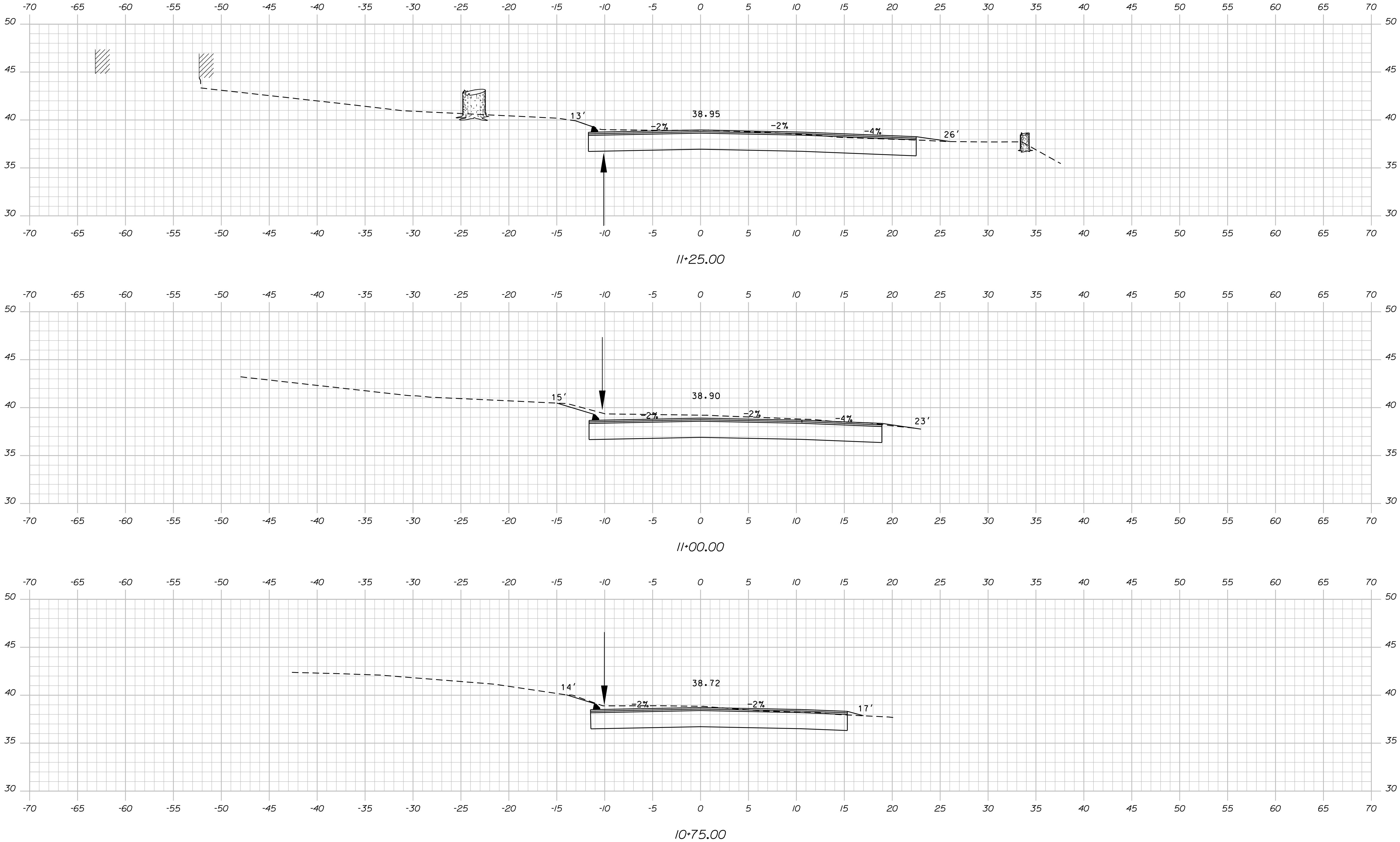
BREMEN	
ROUTE 32 STRUT	
CROSS SECTIONS	

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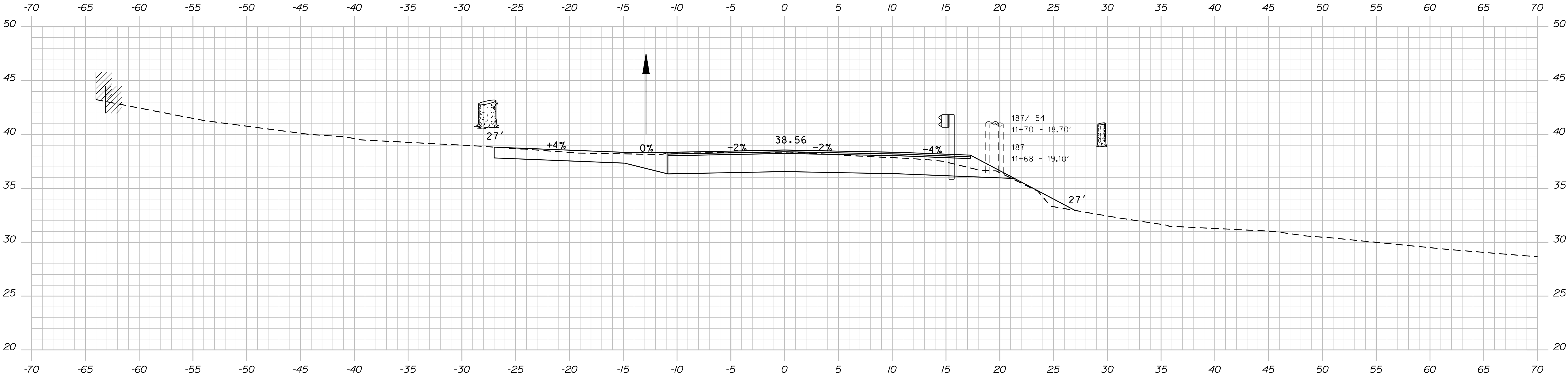


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
BREMEN		FUNDING WITH NOAA	
ROUTE 32 STRUT		WIN	
CROSS SECTIONS		18104.00	
SHEET NUMBER		HIGHWAY PLANS	
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OF 20		18104.00	
DATE		DATE	
BY		DATE	
SHAWN SMITH		ADN	
DESIGN-DETAILED		SIGNATURE	
CHECKED-REVIEWED		P.E. NUMBER	
DESIGN-DETAILED		DATE	
DESIGN-DETAILED		DATE	
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REVISIONS 2		DATE	
REVISIONS 3		DATE	
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FIELD CHANGES		DATE	

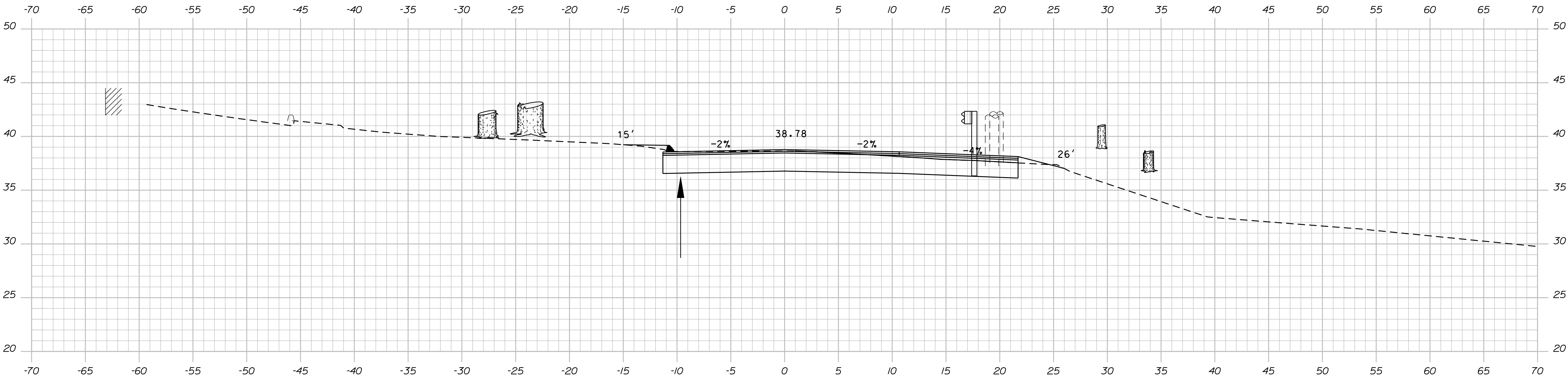
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11+75.00



11+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
FUNDING WITH NOAA
WIN
18104.00
HIGHWAY PLANS

PROJ. MANAGER	SHAWN SMITH	BY	DATE
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REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE			
P.E. NUMBER			
DATE			

BREMEN
ROUTE 32 STRUT
CROSS SECTIONS

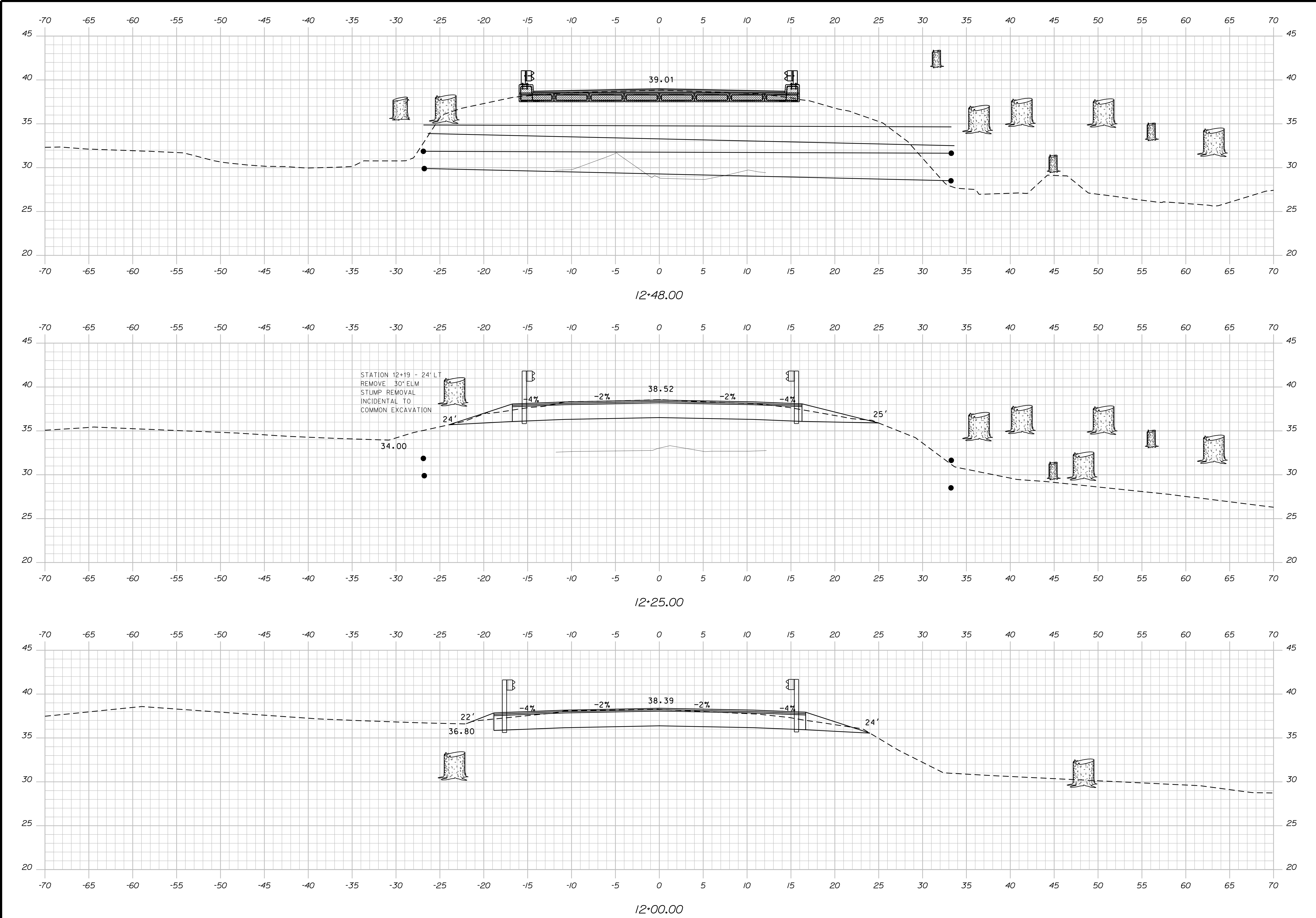
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OF 20

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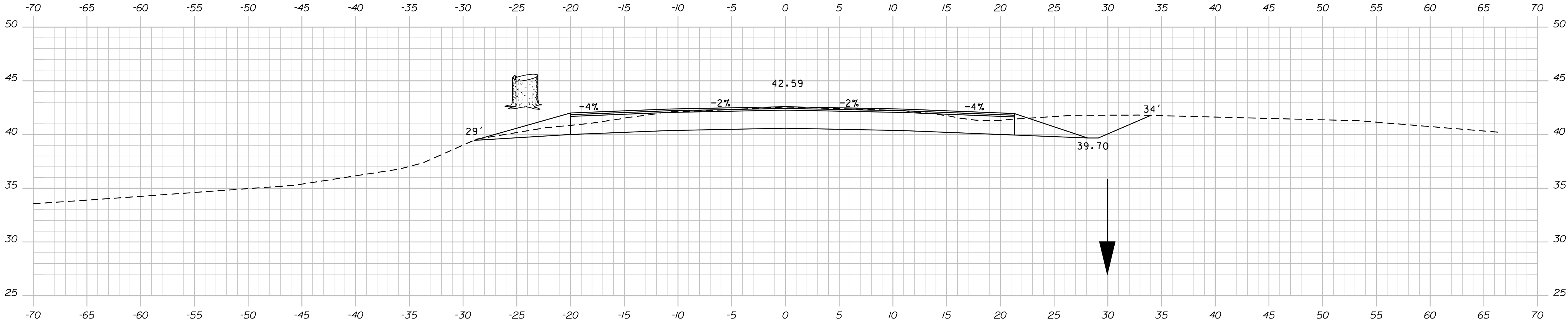


STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		FUNDING WITH NOAA		WIN 18104.00		HIGHWAY PLANS	
BREMEN		ROUTE 32		CROSS SECTIONS		SHEET NUMBER		12	
OF 20									
PROJ. MANAGER		SHAWN SMITH		BY		DATE			
DESIGN-DETAILED		B. ESTES						SIGNATURE	
CHECKED-REVIEWED		K. BRESKIN						P.E. NUMBER	
DESIGN-DETAILED		T. WHITE						DATE	
REVISIONS 1									
REVISIONS 2									
REVISIONS 3									
REVISIONS 4									
FIELD CHANGES									

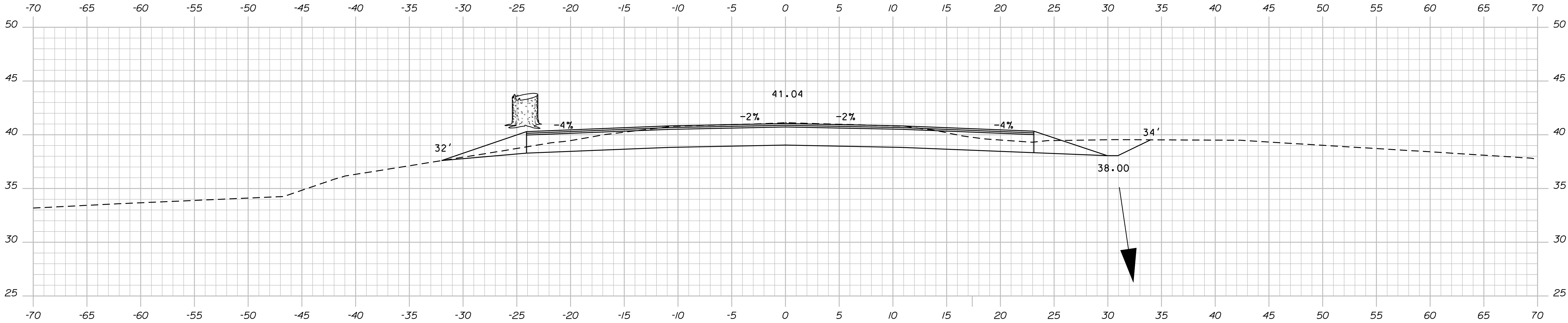
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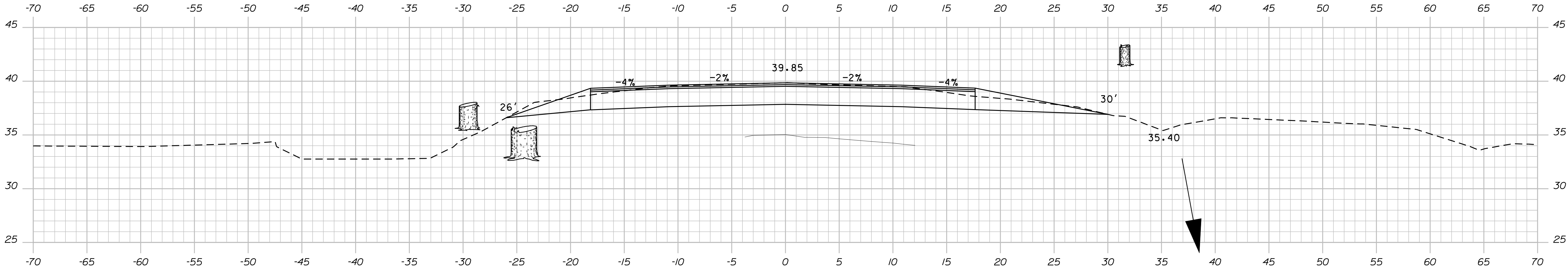
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13+25.00



13+00.00



12+75.00

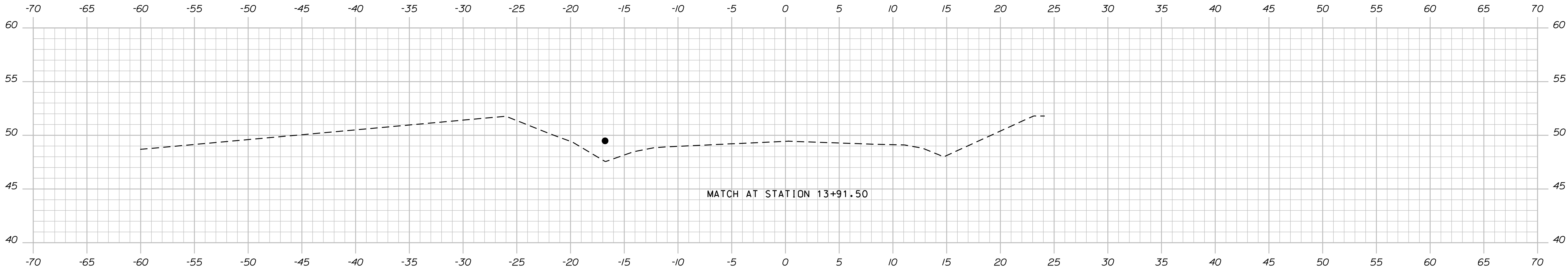
PROJ. MANAGER	SHAWN SMITH	BY	DATE
CHECKED-REVIEWED	J.B. ESTES		
DESIGN-DETAILED	K. BRESKIN		
DESIGN-DETAILED	T. WHITE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BREMEN
ROUTE 32 STRUT
CROSS SECTIONS

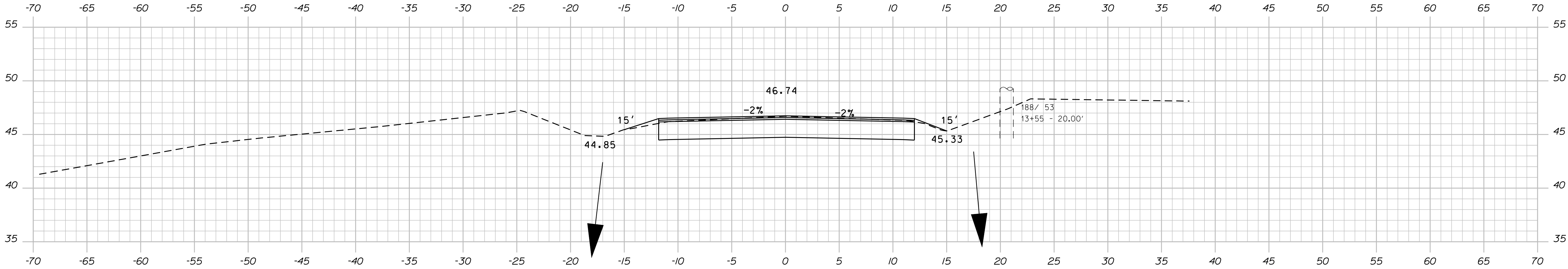
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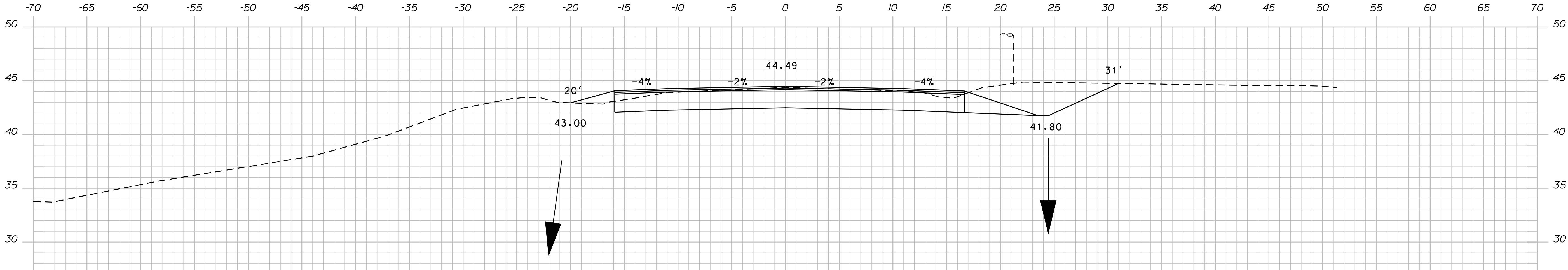
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14+00.00



13+75.00



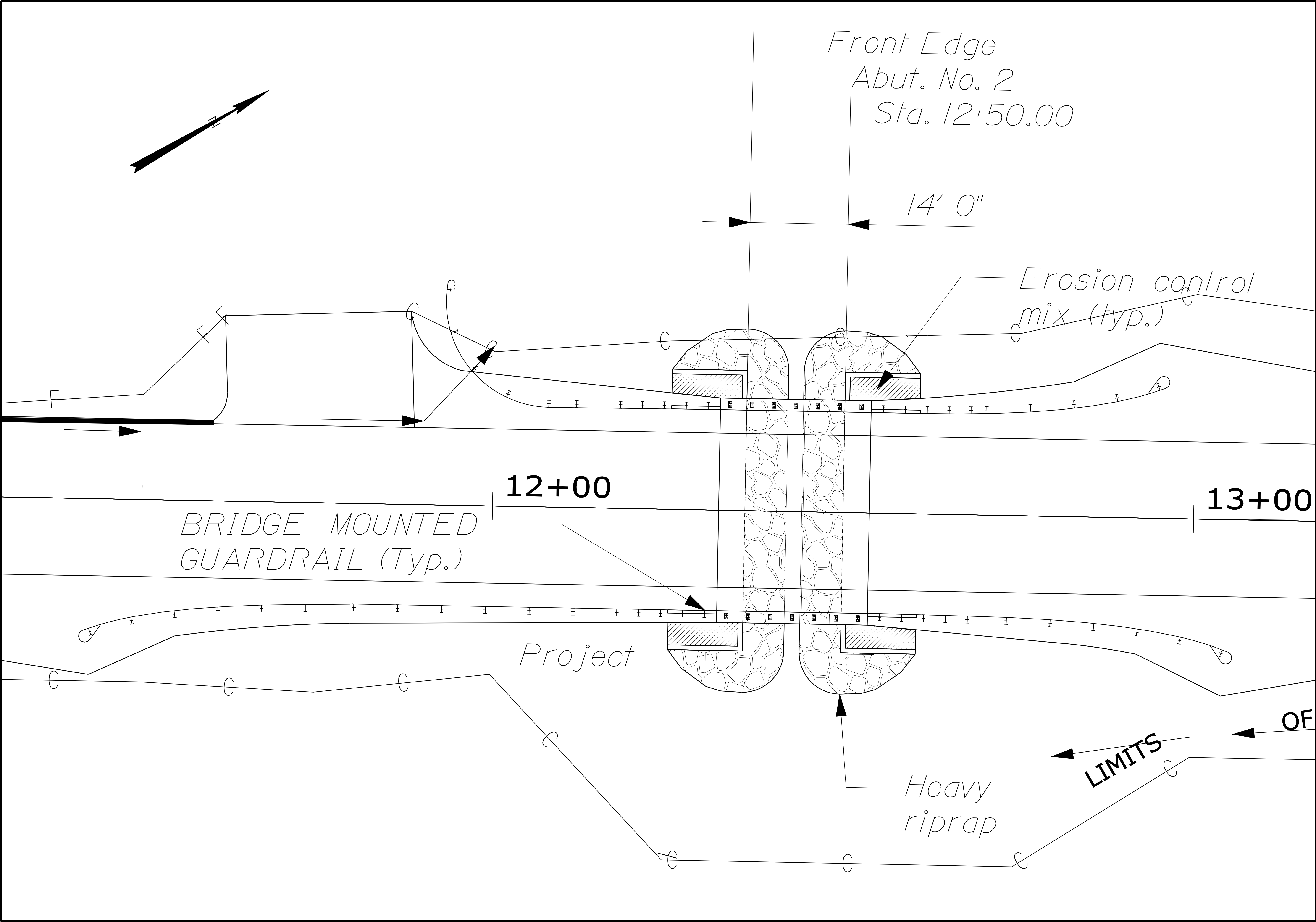
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STATE OF MAINE DEPARTMENT OF TRANSPORTATION	SIGNATURE	P.E. NUMBER	DATE

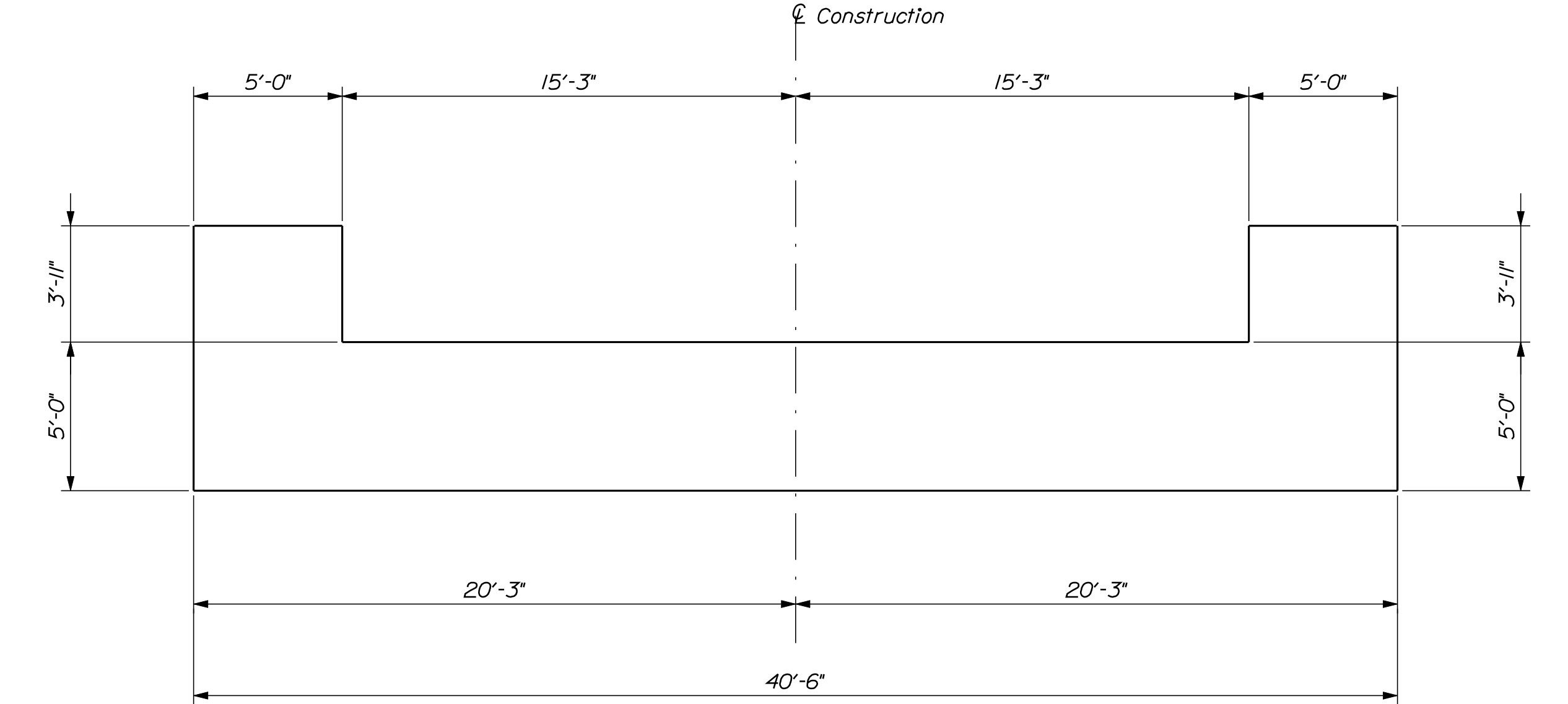
PROJ. MANAGER SHAWN SMITH	BY ADN	DATE	SIGNATURE	P.E. NUMBER	DATE

BREMEN ROUTE 32 STRUT	CROSS SECTIONS

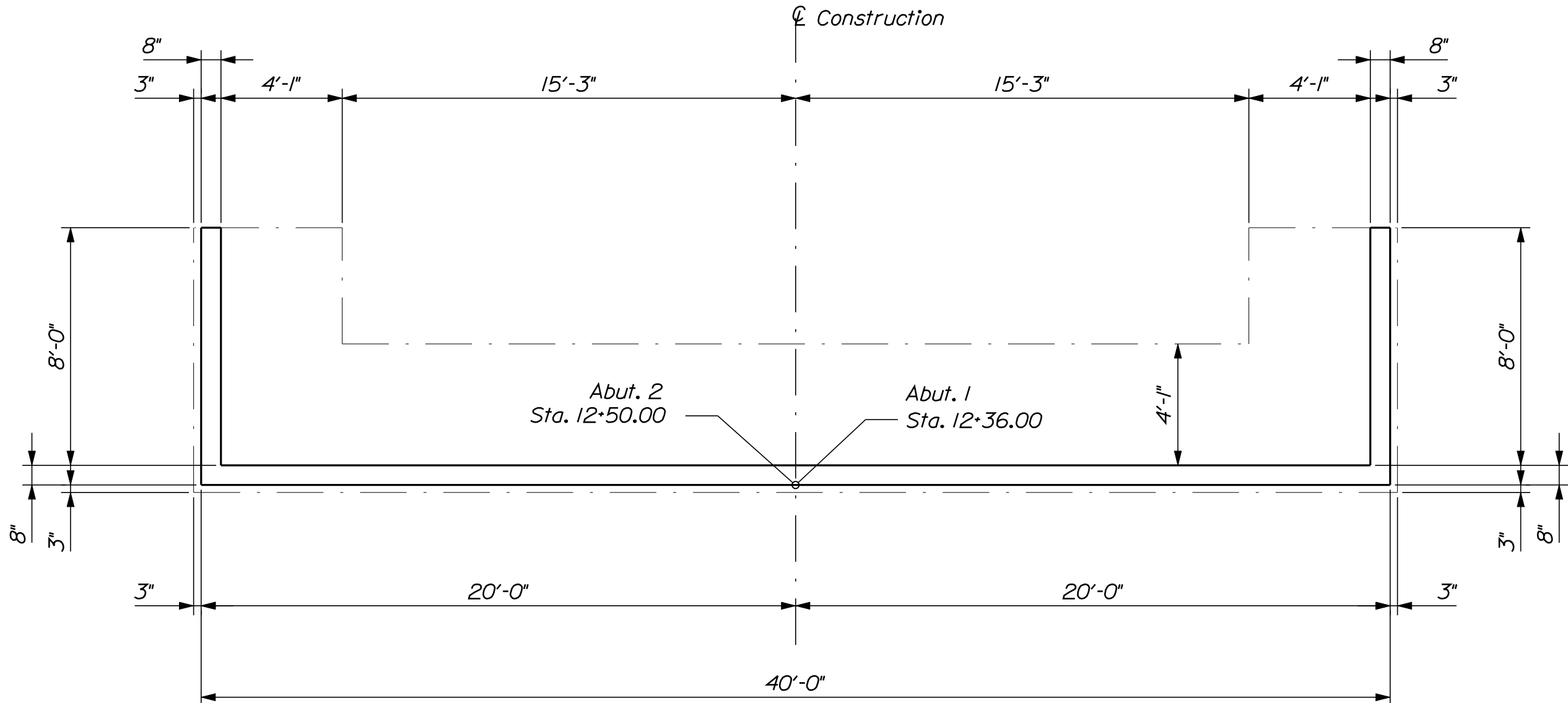
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STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		FUNDING WITH NOAA		WIN 18104.00		HIGHWAY PLANS	
PROJ. MANAGER		SHAWN SMITH		BY		DATE		SIGNATURE	
DESIGNED-DETAILED		K. BRESKIN		AON		T. WHITE		P.E. NUMBER	
DESIGNED-DETAILED		DESIGNED-DETAILED		DESIGNED-DETAILED		DESIGNED-DETAILED		DATE	
REVISIONS 1		REVISIONS 2		REVISIONS 3		REVISIONS 4		FIELD CHANGES	
BREMEN		ROUTE 32 STRUT		BRIDGE PLAN		SHEET NUMBER		15	
OF 20									



FOOTING PLAN



ABUTMENT PLAN

STATE OF MAINE DEPARTMENT OF TRANSPORTATION					DATE
					SIGNATURE
					P.E. NUMBER
					DATE
					WIN 18104.00

ABUTMENT PLANS	PROJ. MANAGER	SHAWN SMITH	BY	
	DESIGN-DETAILED	B. ESTES	ADD	
	CHECKED-REVIEWED			
	DESIGN2-DETAILED2	K. BRESKIN	ADD	
	DESIGN3-DETAILED3	T. WHITE		
	REVISIONS 1			
	REVISIONS 2			
	REVISIONS 3			
	REVISIONS 4			
	FIELD CHANGES			

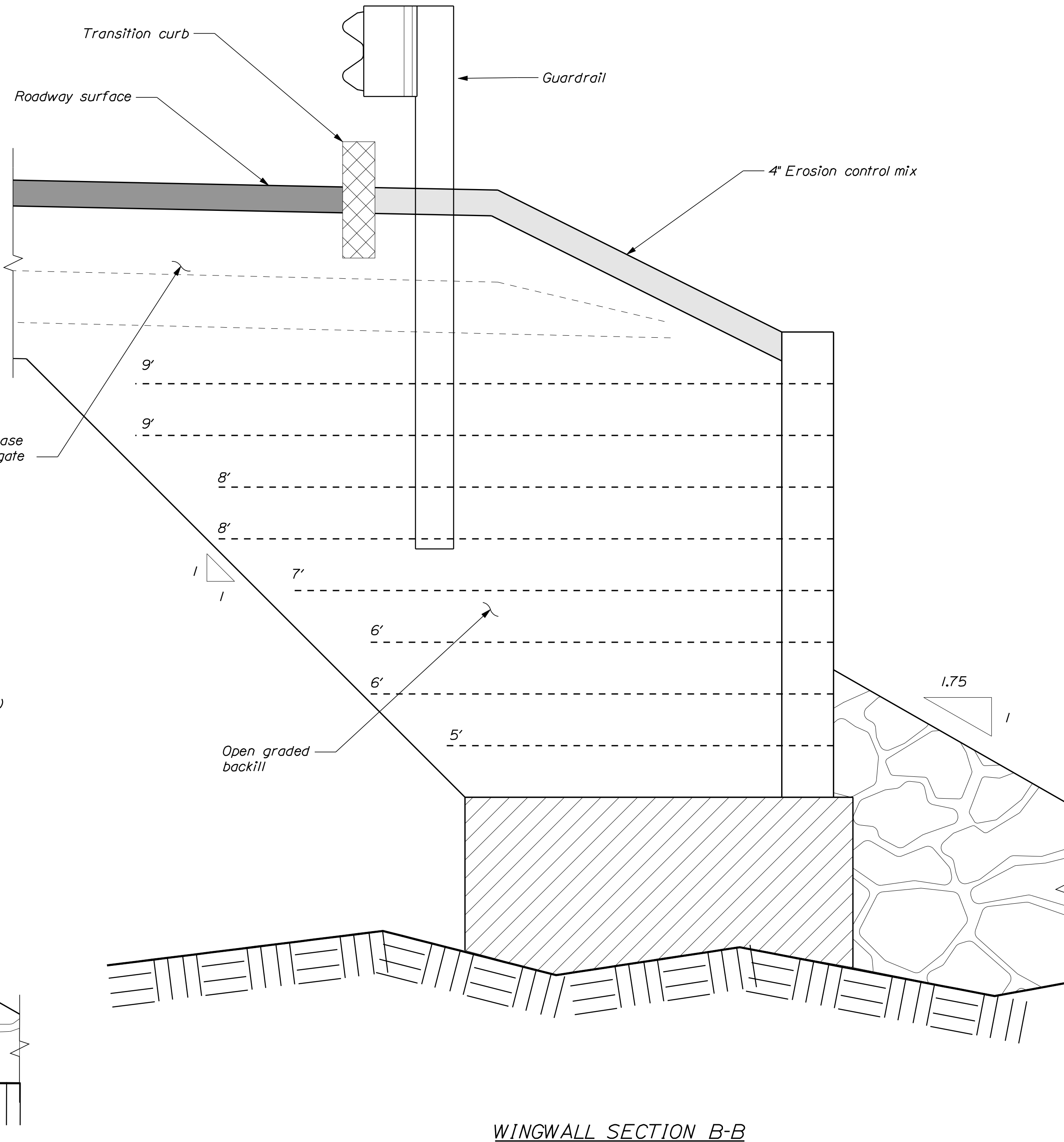
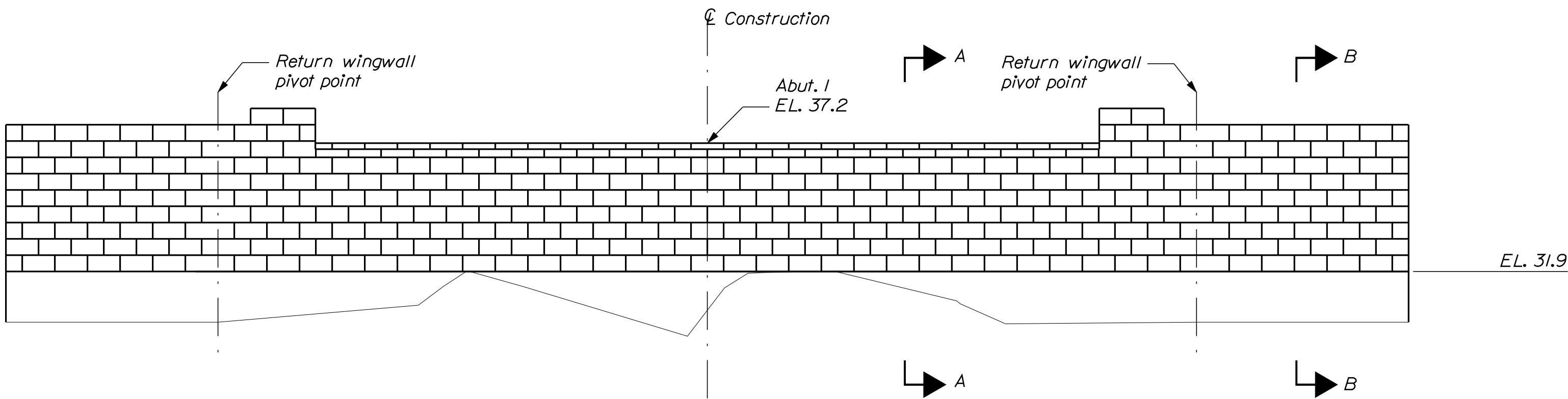
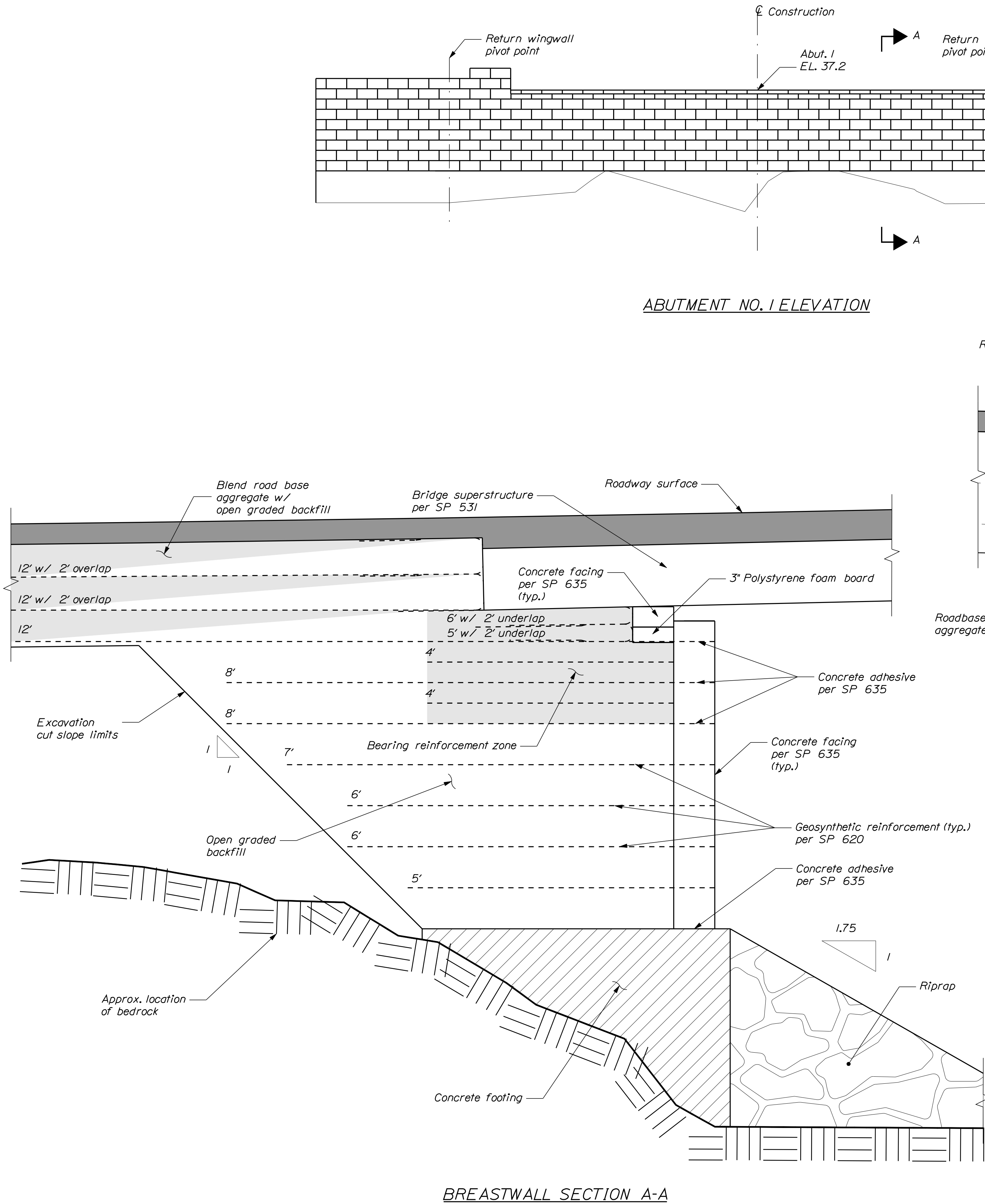
SHEET NUMBER	16
OF 20	

Date:11/27/2012

Username: randell.barrows

Division: HIGHWAY

Filename: ... \msta\017_Abutment1_Details.dgn



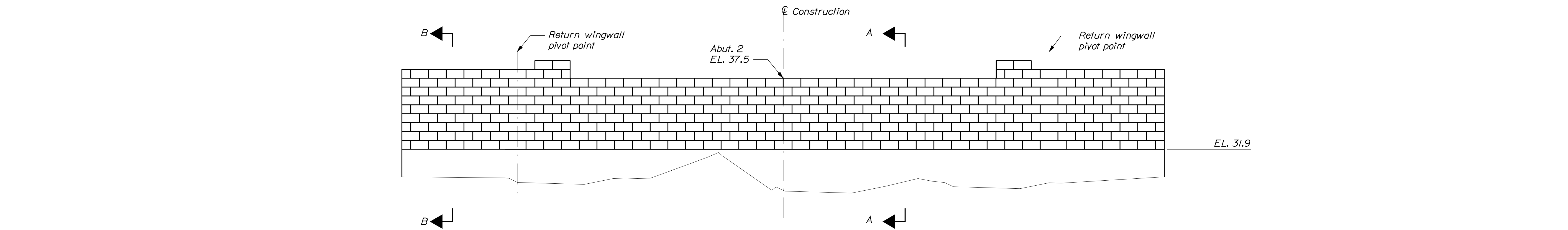
SHEET NUMBER				STATE OF MAINE				
ABUTMENT 1 DETAILS				PROJ. MANAGER		SHAWN SMITH	BY	DATE
				DESIGN-DETAILED		B. ESTES	ADN	
				CHECKED-REVIEWED				SIGNATURE
				DESIGN2-DETAILED2		K. BRESKIN	ADN	
				DESIGN3-DETAILED3			T. WHITE	P.E. NUMBER
				REVISIONS 1				
				REVISIONS 2				
				REVISIONS 3				
				REVISIONS 4				DATE
				FIELD CHANGES				
								</

Date:11/27/2012

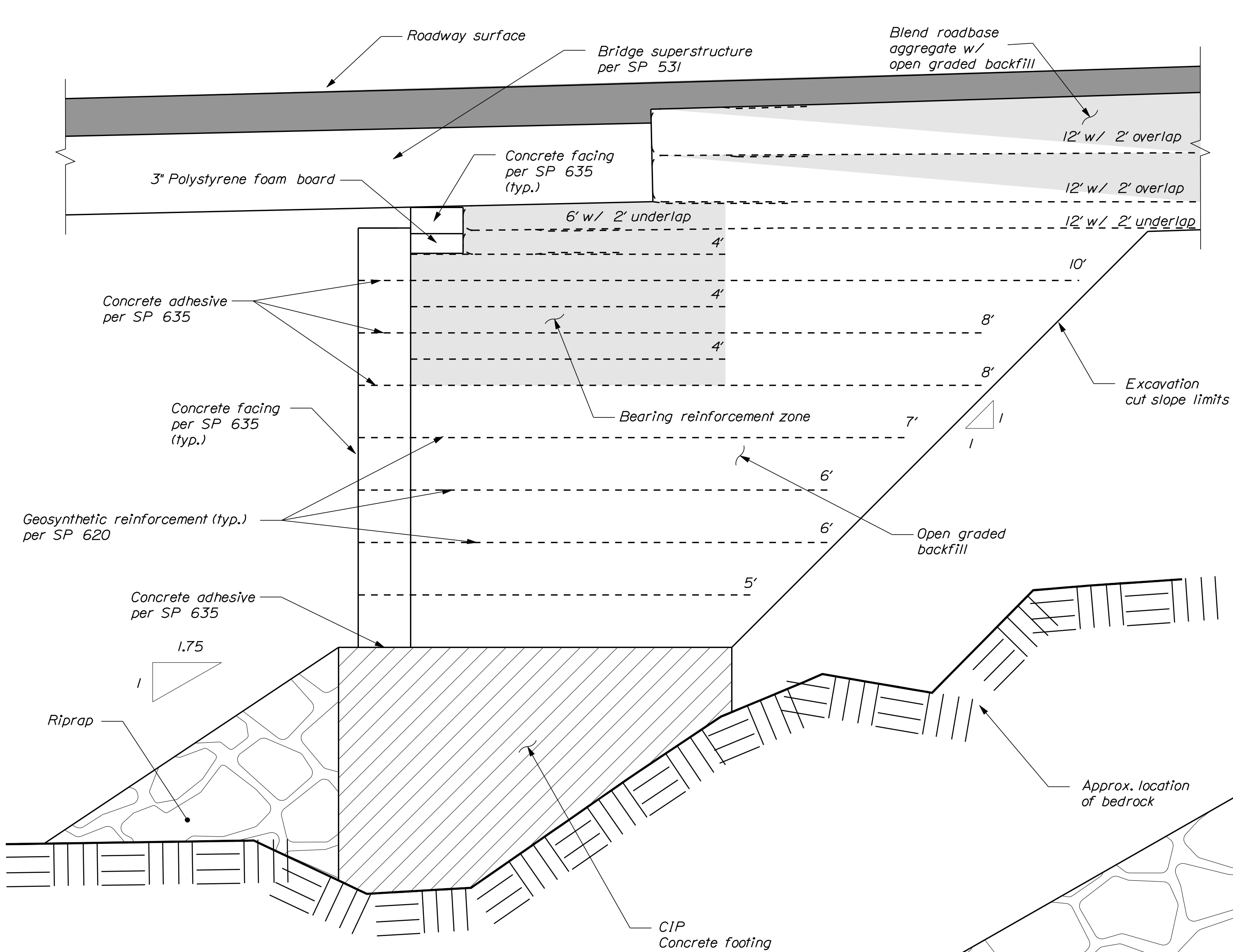
Username: randall.barrows

Division: HIGHWAY

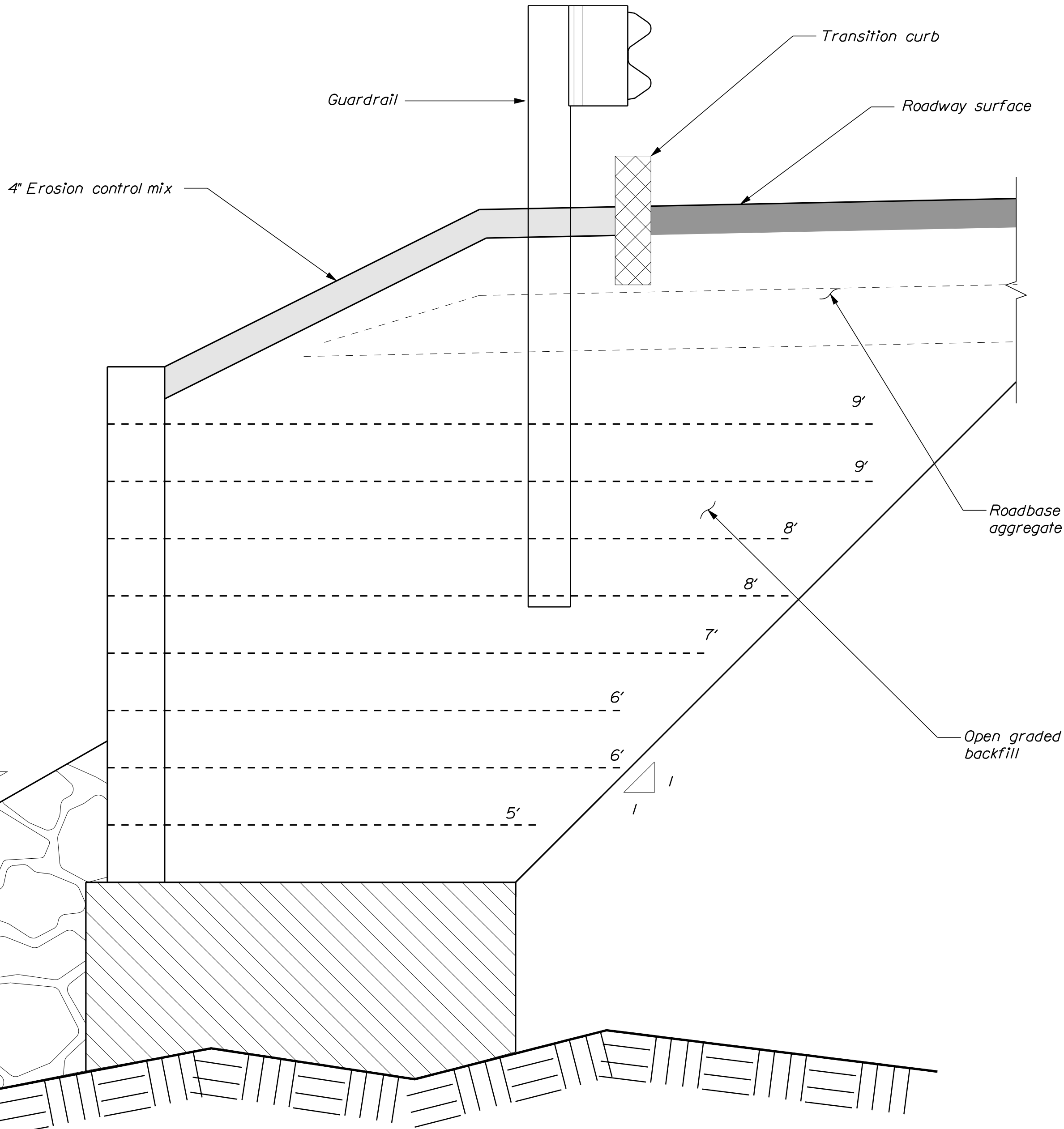
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ABUTMENT NO. 2 ELEVATION

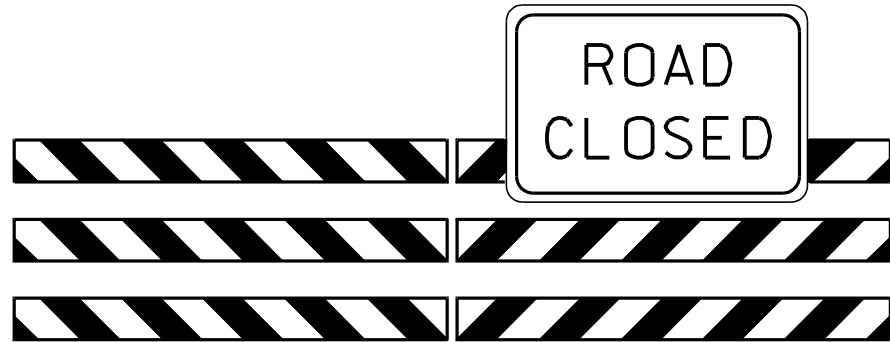


BREASTWALL SECTION A-A



WINGWALL SECTION B-B

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		FUNDING WITH NOAA		WIN 18104.00	
PROJ. MANAGER		DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED	
SHAWN SMITH		B. ESTES		K. BRESKIN		T. WHITE	
BY		DATE		SIGNATURE		P.E. NUMBER	
ADN							
ADN							
REVISIONS 1		REVISIONS 2		REVISIONS 3		REVISIONS 4	
FIELD CHANGES							
ABUTMENT 2 DETAILS		SHEET NUMBER		18		OF 20	



SHEET NUMBER 19 OF 20	ROUTE 32 BREMEN LINCOLN COUNTY DETOUR PLAN		PROJ. MANAGER	SHAWN SMITH	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION FUNDING WITH NOAA WIN 18104.00
			DESIGN-DETAILED	B. ESTES	ADN		
			CHECKED-REVIEWED				
			DESIGN-DETAILED2	K. BRESKIN	ADN		
			DESIGN-DETAILED3	T. WHITE			
			REVISIONS 1				
			REVISIONS 2				
			REVISIONS 3				
			REVISIONS 4				
			FIELD CHANGES				

Date:11/27/2012

Username: randell.barrow

Division: HIGHWAY

Filename: ...\\00\\ROW\\MSTA001_RWP\\PLAN1.dgn

SEE STANDARD BOUNDARY SURVEY
FOR THE HEMAN B. HUNTER LIVING TRUST
BY L.L. BROWN ASSOCIATES
RECORDED LINCOLN COUNTY REGISTRY OF DEEDS
PLAN BOOK 61 PAGE 7A

SEE PRELIMINARY PLAN OF LAND OF
TOWER ESTATE
BRISTOL & BREMEN, ME
BY LINCOLN ENGINEERING COMPANY
1983

KATHERINE M. WEBBER (OWNER PER TAX RECORDS)
HELEN E. WEBBER-LIFE ESTATE
PARCEL NO. (5)
LAND TAKEN = 0.07± AC. (PRESC. EASE.)
LAND TAKEN = 1290± S.F. (OTHER)
TOTAL LAND TAKEN = 0.10± AC.
DRAINAGE EASE. = (1)
TEMP. CONST. RIGHTS = 1650± S.F. (1)
TOTAL AREA = 1.5± AC. (CALC.)
REM. AREA = 1.40± AC.
BREMEN TAX MAP 1
LOT 1C

SEE STANDARD BOUNDARY SURVEY FOR
SARA GOWEN AND MICHAEL NUSSBAUM
BY ROBERT J. BILLS ASSOCIATES
2000
RECORDED LINCOLN COUNTY REGISTRY OF DEEDS
BOOK 66 PAGE 2A

SEE 2007 CONVEYANCE FROM
SARA AND MICHAEL NUSSBAUM
TO VERONICA A. RAGATZ
BY UNKNOWN

BRISTOL TAX MAP 9
LOT 68C

N/F
JAN FLETCHER
RICHARD FLETCHER

EMILE LUGOSCH
RONNA S. LUGOSCH
PARCEL NO. (2)
LAND TAKEN = 0.08± AC. (PRESC. EASE.)
LAND TAKEN = 0.05± AC. (OTHER)
TOTAL LAND TAKEN = 0.13± AC.
TEMP. CONST. RIGHTS = 0.06± AC. (1)
TOTAL AREA = 1.7± AC. (CALC.)
REM. AREA = 1.57± AC.
BRISTOL TAX MAP 9
LOT 69
BREMEN TAX MAP 1
LOT 1B

BREMEN TAX MAP 1
LOT 1D

POE = STA. 14+50.00

N/F
VERONICA A. RAGATZ

N/F
ELIZABETH M. EHRENFELD

BRISTOL TAX MAP 9
LOT 71

EMILE LUGOSCH
RONNA S. LUGOSCH
PARCEL NO. (1)
LAND TAKEN = 0.06± AC. (PRESC. EASE.)
LAND TAKEN = 0.06± AC. (OTHER)
TOTAL LAND TAKEN = 0.12± AC.
TOTAL AREA = 0.46± AC. (CALC.)
REM. AREA = 0.34 ± AC.
BRISTOL TAX MAP 9
LOT 70

SEE PRELIMINARY PLAN OF LAND OF
TOWER ESTATE
BRISTOL & BREMEN, ME
BY LINCOLN ENGINEERING COMPANY
1983

KATHERINE M. WEBBER (OWNER PER TAX RECORDS)
HELEN E. WEBBER-LIFE ESTATE
PARCEL NO. (3)
LAND TAKEN = 0.05± AC. (PRESC. EASE.)
LAND TAKEN = 125± S.F. (OTHER)
TOTAL LAND TAKEN = 0.06± AC.
CONST. & MAINT. EASE. = 1350± S.F. (1)
TEMP. CONST. RIGHTS = 1140± S.F. (1)
TOTAL AREA = 0.15± AC. (CALC.)
REM. AREA = 0.09± AC.
BREMEN TAX MAP 12
LOT 26

SEE STANDARD BOUNDARY SURVEY
PROPOSED AGREEMENT LINES BETWEEN
WEBBER, EHRENFELD AND RAMSTROM
BY ROBERT J. BILLS ASSOCIATES
1997
RECORDED LINCOLN COUNTY REGISTRY OF DEEDS
BOOK 59 PAGE 71

RUSSELL J. BURNS
CLAY A. BURNS
PARCEL NO. (4)
LAND TAKEN = 0.10± AC. (PRESC. EASE.)
LAND TAKEN = 1550± S.F. (OTHER)
TOTAL LAND TAKEN = 0.14± AC.
CONST. & MAINT. EASE. = 1530± S.F. (1)
SLOPE EASE. = 880± S.F. (1)
DRAINAGE EASE. = (1)
TEMP. CONST. RIGHTS = 860± S.F. (1)
TOTAL AREA = 3.2± AC. (CALC.)
REM. AREA = 3.06± AC.
BREMEN TAX MAP 12
LOT 25

NOTE: PRESCRIPTIVE EASEMENT FOR
HIGHWAY PURPOSES WITHIN LIMITS OF
WROUGHT PORTION (L.O.W.P.)

GRID
ZONE

WIN 18104.00

REVISIONS				PLAN FILED IN PLAN BOOK		PAGE		COUNTY RECORD	
NO. DATE		DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
						COND.	8/21/12	4562	24

DAVID BERNHARDT
COMMISSIONER
KENNETH L. SWEENEY
CHIEF ENGINEER

DATE



STATE AID HIGHWAY NO. 4/NO. 1
ROUTE 32-WALDOBORO ROAD
BRISTOL-BREMEN
LINCOLN COUNTY
STATE PROJECT NO. 018104.00

MAY 2012
SCALE 1" = 25'
RIGHT-OF-WAY MAP
SHEET 1 OF 1
D.O.T. FILE NO. 8-173

SYMBOLS	
• IP or • (IRON PIPE or PIN FOUND)	○ (WELL)
□ (SEPTIC TANK)	--- (GRADING LIMIT LINE)
□ (SEPTIC TANK)	--- (CONSTRUCTION LIMIT LINE)
□ (SEPTIC TANK)	--- (PROPERTY LINE)
□ (SEPTIC TANK)	--- (LIMITS OF WROUGHT PORTION (L.O.W.P.))
□ (SEPTIC TANK)	--- (EXISTING RIGHT OF WAY)
□ (SEPTIC TANK)	--- (NEW RIGHT OF WAY)
□ (SEPTIC TANK)	--- (NEW ROW WITHIN EXIST. ROW)
□ (SEPTIC TANK)	--- (CONTROL OF ACCESS)

ITEM	TECH	CHECKED	P.N.S.
BASE MAP			
EXIST. R/W	D.W.B.		
PROP. LINES	D.W.B.		
AREAS	D.W.B.		

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

SHEET NUMBER
20
OF 20