

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



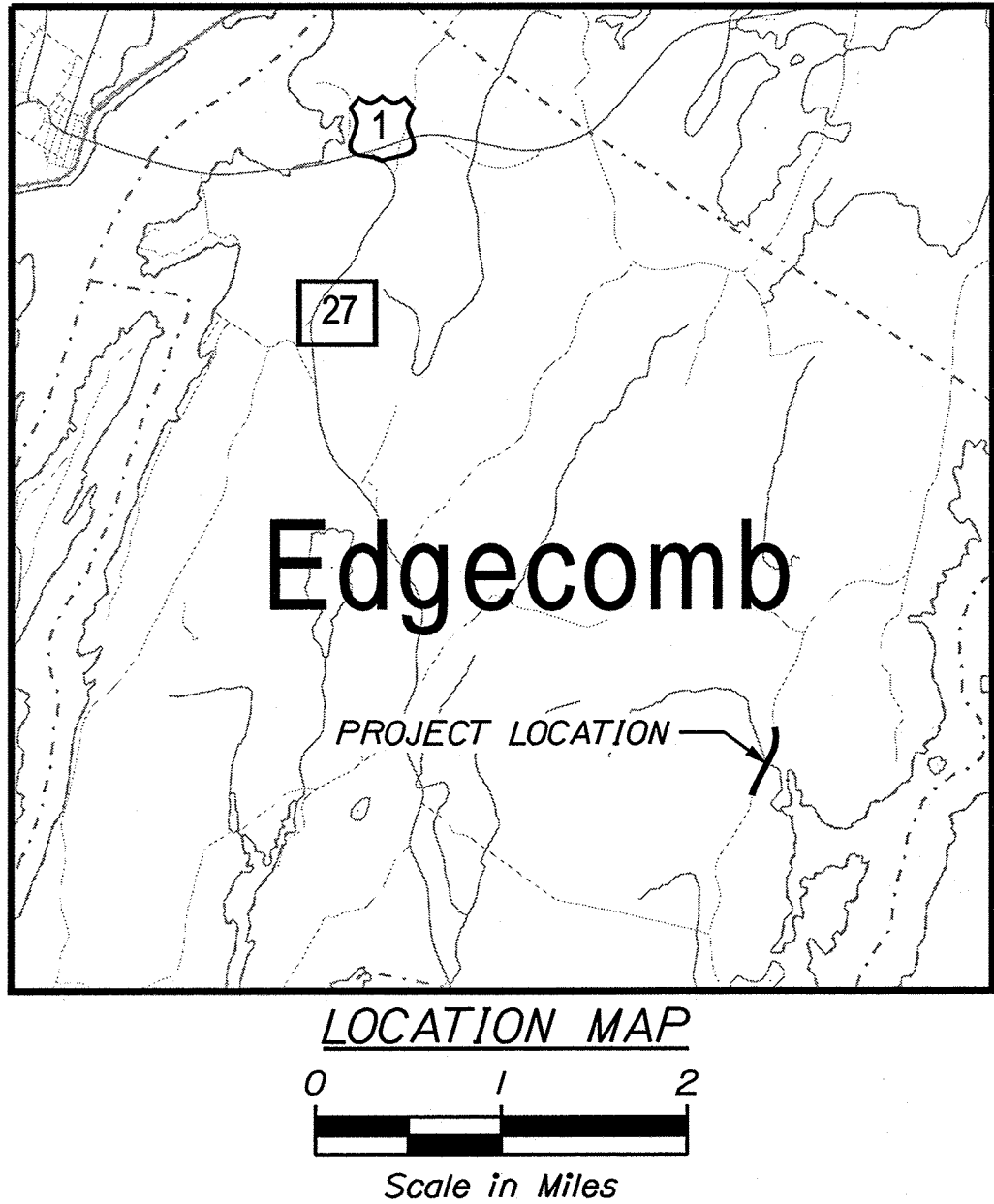
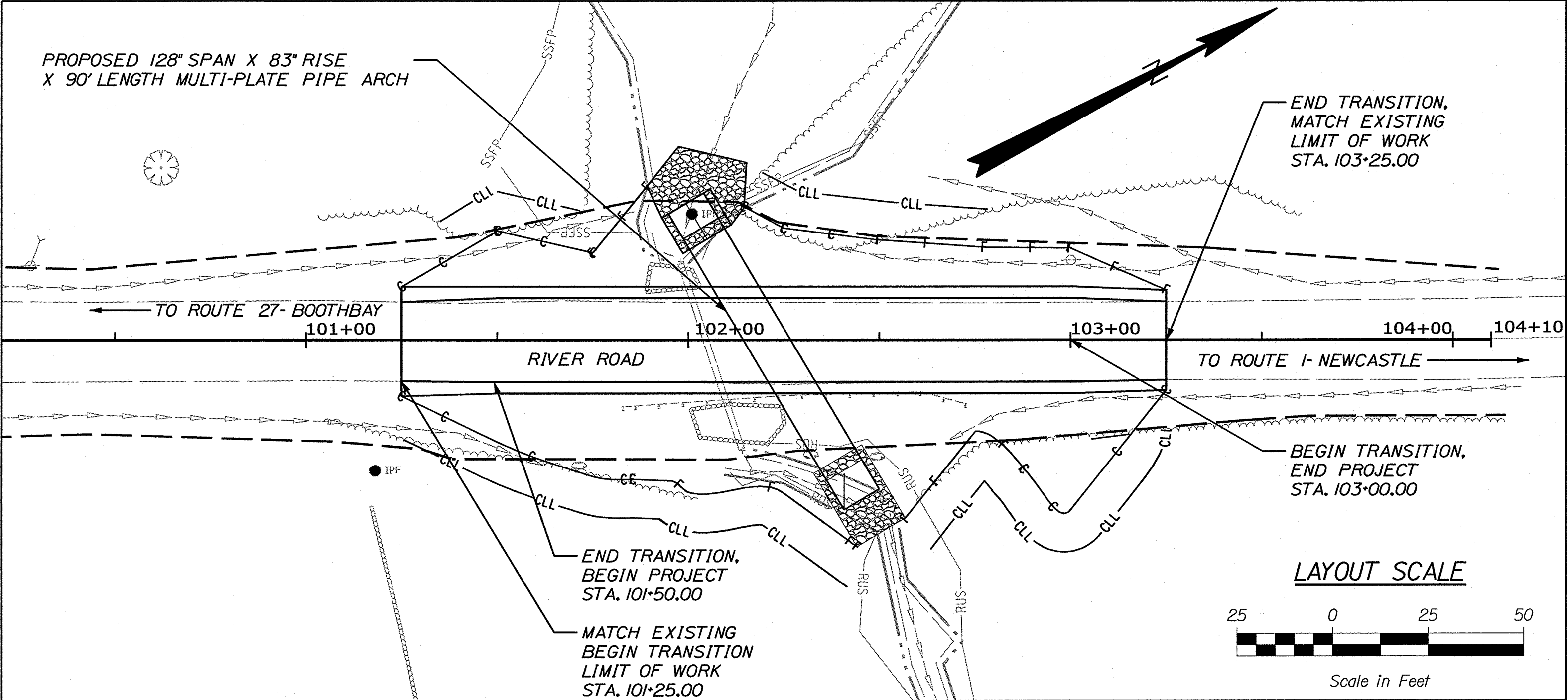
EDGECOMB
LINCOLN COUNTY
RIVER ROAD
STATE PROJECT NO. 26799.00
PROJECT LENGTH : 0.03 MILES
MARSH COVE BRIDGE BR #674I

PLAN LEGEND

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

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TRAFFIC DATA

Current (2024) AADT	1250
Future (2036) AADT	1330
DHV - % of AADT	16%
Design Hour Volume	213
% Heavy Trucks (AADT)	4%
% Heavy Trucks (DHV)	2%
Directional Distribution (DHV)	53%
18 kip Equivalent P 2.0	13
18 kip Equivalent P 2.5	13
Design Speed (mph)	40 MPH
Functional Class:	Minor Collector
Corridor Priority	4

PROJECT LOCATION:

LOCATED APPROXIMATELY 0.94 OF A MILE NORTH OF MCKAY ROAD

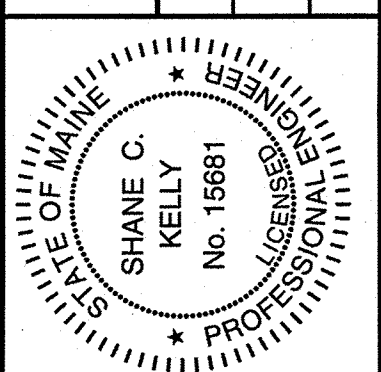
PROGRAM AREA:

REGIONAL PROGRAM

SCOPE OF WORK:

LARGE CULVERT REPLACEMENT

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER	11-25-24	11-20-2024
CHIEF ENGINEER		



SIGNATURE	P.E. NUMBER	DATE
ROBERT BETZ	15681	11/19/2024
SHANE KELLY		

PROJECT INFORMATION	REGIONAL PROGRAM
PROGRAM	PROJECT MANAGER
DESIGNER	CONSULTANT
PROJECT RESIDENT	CONTRACTOR
PROJECT COMPLETION DATE	

EDGECOMB RIVER ROAD	TITLE SHEET
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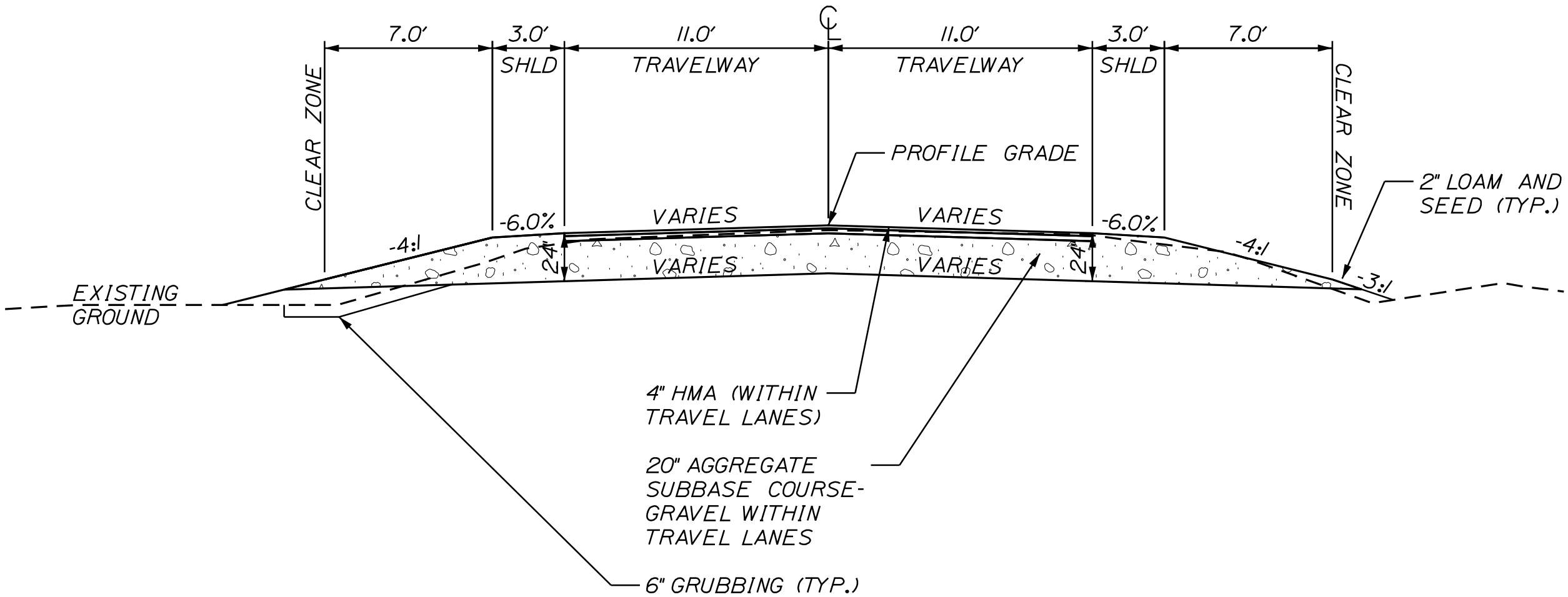
SHEET NUMBER
1
OF 12

WIN 26799.00

GENERAL NOTES

1. PAVEMENT THICKNESSES SHOWN ON THE TYPICAL SECTIONS ARE INTENDED TO BE NOMINAL
2. CLEARING LIMITS SHALL BE 10 FEET BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.
3. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE RESIDENT.
4. GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED.THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT.
5. 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.
6. 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.
7. 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 SPECIFICATION 703.19.
8. 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.
9. CROSS SLOPES FOR NORMAL AND SUPERELEVATED SECTIONS WILL BE STRAIGHT UNLESS OTHERWISE DIRECTED BY THE DEPARTMENT.
10. THE ALGEBRAIC DIFFERENCE BETWEEN TRAVELWAY AND SHOULDER CROSS SLOPE SHALL NOT EXCEED 8 PERCENT.
11. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
12. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
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. LOAM HAS BEEN ESTIMATED FOR DISTURBED LAWN AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.
15. SEEDING METHOD NO.2 SHALL BE UTILIZED ON ALL AREAS.
16. LOAM SHALL BE PLACED TO A NOMINAL DEPTH OF 4 INCHES IN LAWN AREAS AND 2 INCHES IN ALL OTHER AREAS UNLESS OTHERWISE NOTED OR DIRECTED.
17. 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.
18. THE PROJECT GEOTECHNICAL REPORT TITLED "GEOTECHNICAL DESIGN REPORT FOR THE CONSTRUCTION OF MARSH COVE BRIDGE, SOILS REPORT 2024-28, OCTOBER 30, 2024" CAN BE ACCESSED AT THE MAINEDOT WEBSITE [HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/](http://www.maine.gov/mdot/contractors/).
19. 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. MAINEDOT WILL NOT BE RESPONSIBLE FOR ANY INTERPRETATIONS OR CONCLUSION 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.
20. 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.
21. AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
22. 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.
23. FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS OR AS PROVIDED BY THE DEPARTMENT. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.
24. PARCELS 1, 2, AND 3 ARE HELD IN RESERVE AS INDICATED IN SPECIAL PROVISION 105 (RESERVED LIMITS).

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
203.20	COMMON EXCAVATION	475	CY
203.25	GRANULAR BORROW	460	CY
203.33	SPECIAL FILL	75	CY
206.061	STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES BELOW GRADE	10	CY
206.07	STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES	10	CY
304.10	AGGREGATE SUBBASE COURSE-GRAVEL	425	CY
403.208	HOT MIX ASPHALT 12.5 MM HMA SURFACE	45	TONS
403.213	HOT MIX ASPHALT 12.5 MM HMA BASE	70	TONS
409.15	BITUMINIOUS TACK COAT	15	GAL
509.11	STEEL STRUCTURAL PLATE PIPE: 128" SPAN X 83" RISE X 90' MULTI-PLATE PIPE ARCH	1	LS
511.07	COFFERDAM: UPSTREAM	1	LS
511.07	COFFERDAM: DOWNSTREAM	1	LS
610.08	PLAIN RIPRAP	50	CY
610.212	STREAMBED ROCK FEATURES	35	CY
613.319	EROSION CONTROL BLANKET	10	SY
615.07	LOAM	85	CY
618.14	SEEDING METHOD NUMBER 2	7	UN
619.12	MULCH	7	UN
619.14	EROSION CONTROL MIX	10	CY
620.58	EROSION CONTROL GEOTEXTILE	60	SY
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	200	LF
629.05	HAND LABOR, STRAIGHT TIME	10	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.172	LARGE TRUCK (INCLUDING OPERATOR)	10	HR
639.19	FIELD OFFICE TYPE B	1	EA
652.312	BARRICADE TYPE III	4	EA
652.33	DRUM	50	EA
652.34	CONE	100	EA
652.35	CONSTRUCTION SIGN	1,000	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	60	CD
652.38	FLAGGER	130	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	4	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

26799.00

WIN
26799.00

HIGHWAY PLANS

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

DATE
11/19/24

BY
S. KELLY

R. BETZ

SIGNATURE

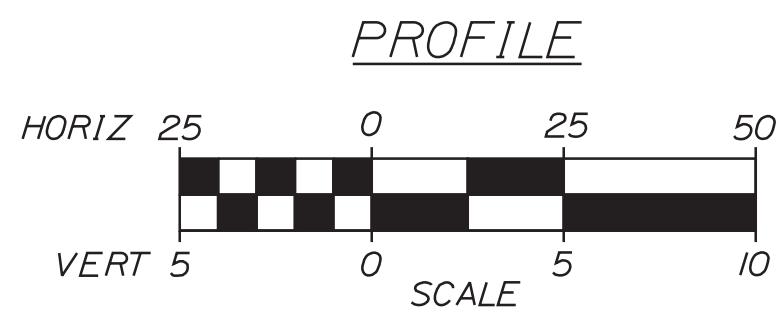
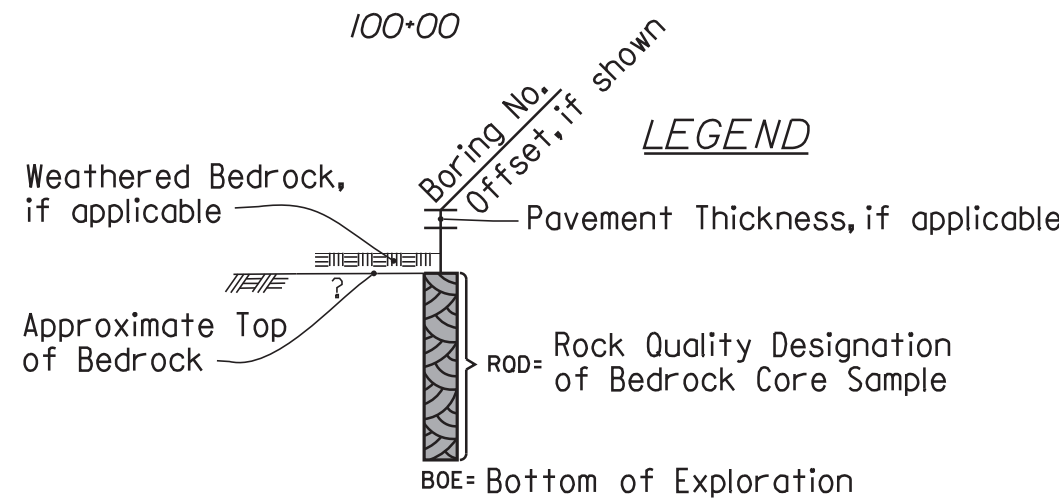
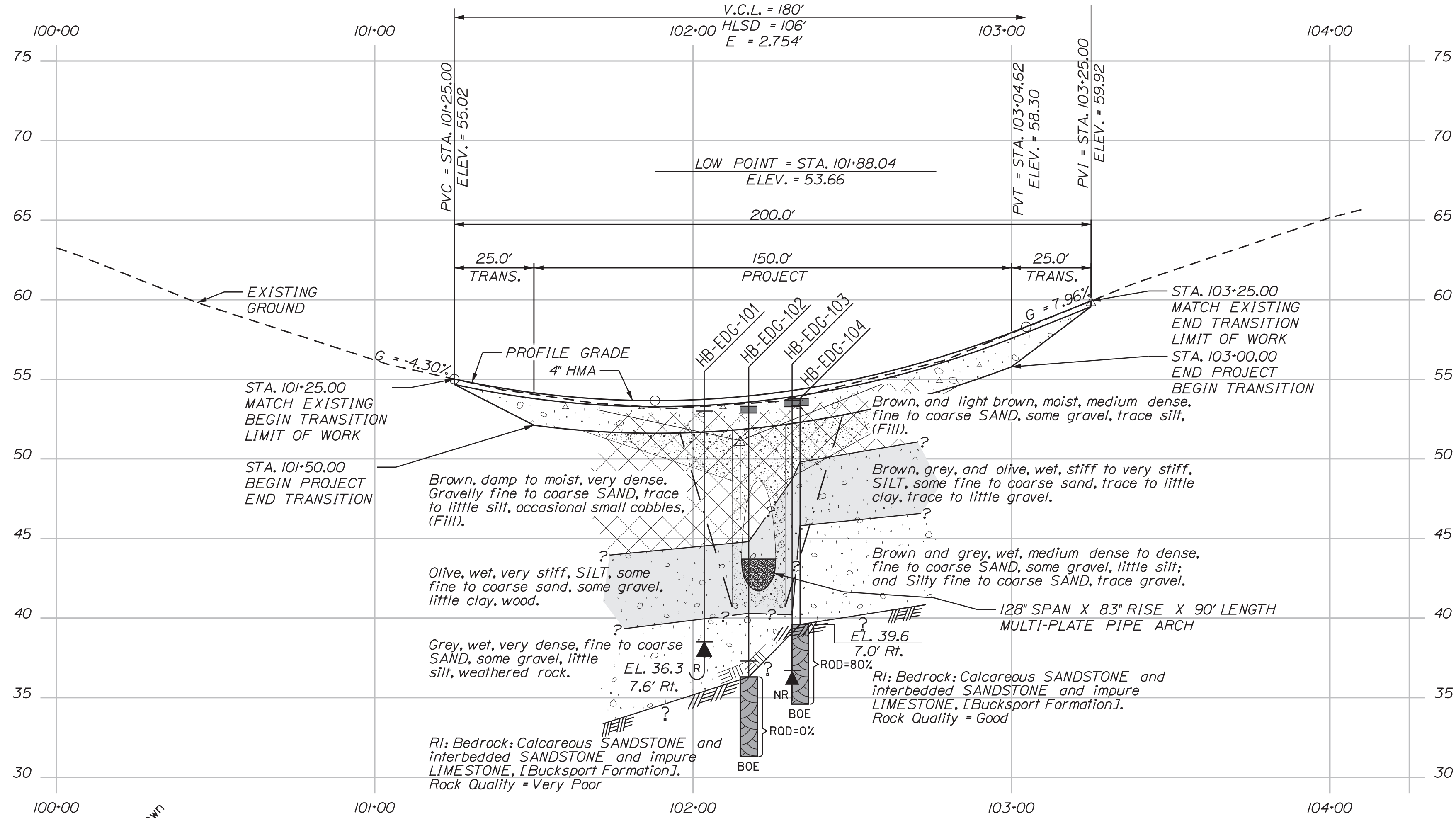
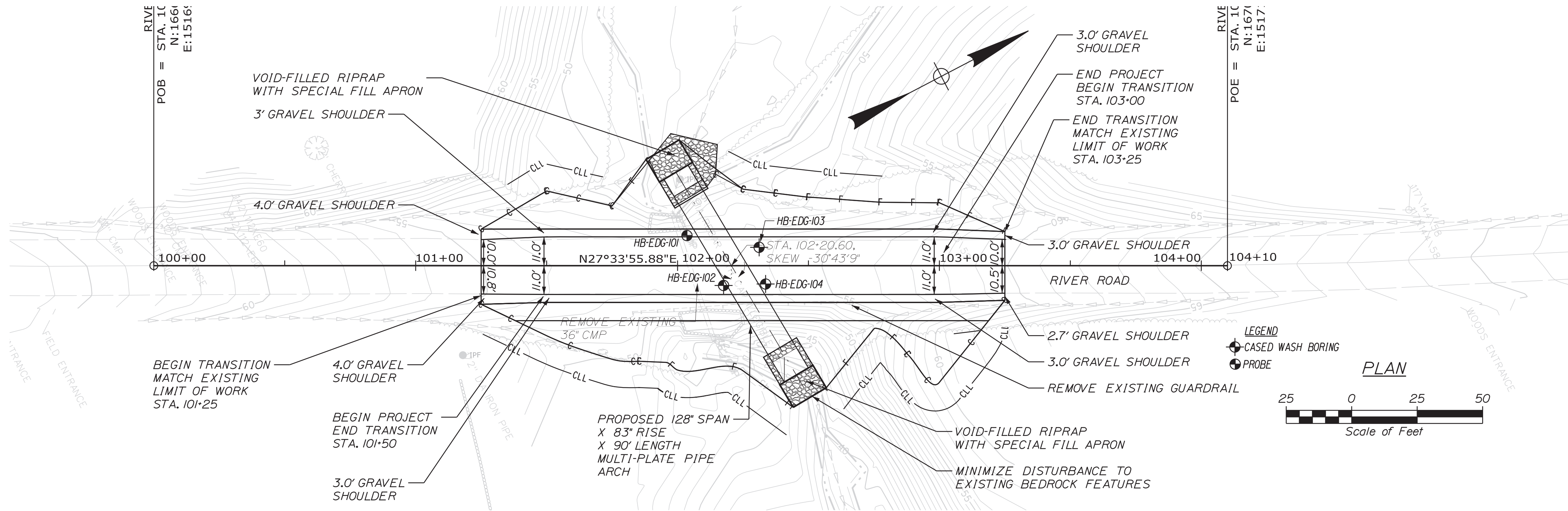
P.E. NUMBER

DATE

EDGECOMB
RIVER ROAD

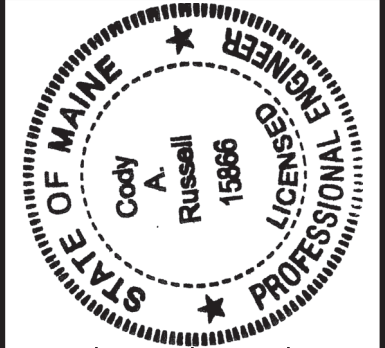
GENERAL NOTES, TYPICAL SECTION
AND ESTIMATE QUANTITIES

SHEET NUMBER
2
OF 12



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

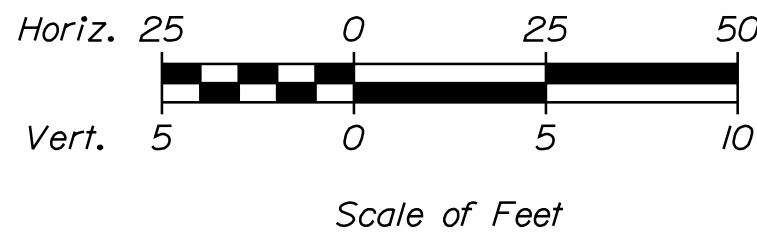
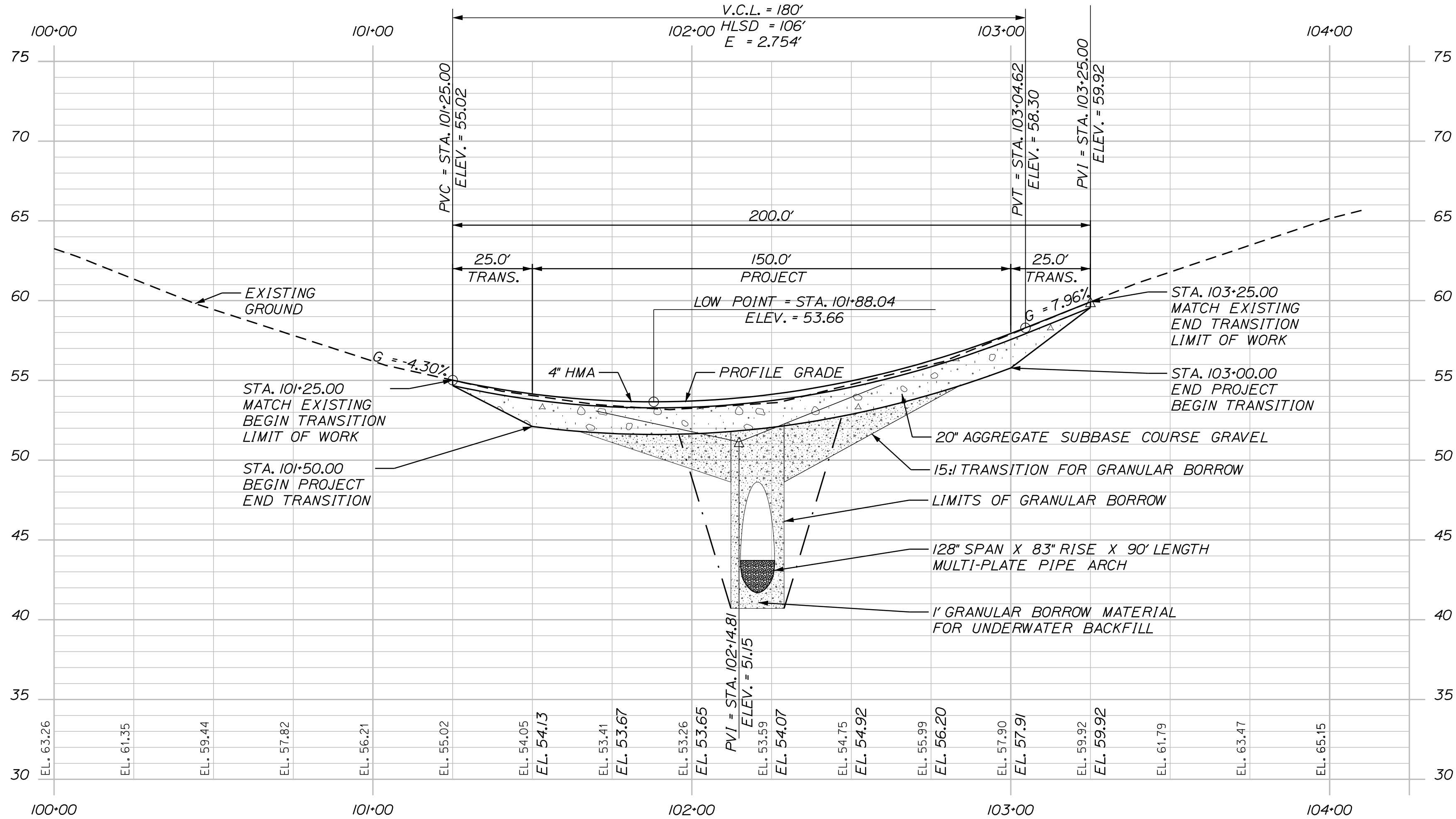
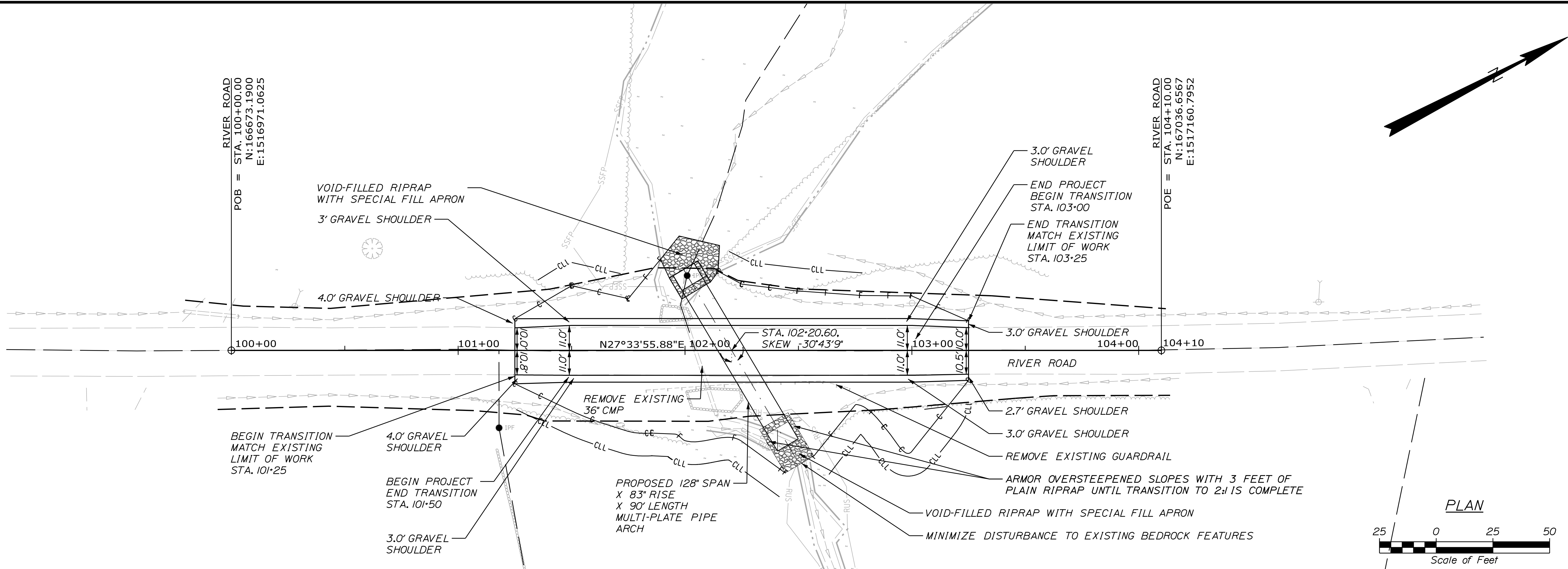
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	26799.00	WIN 26799.00	HIGHWAY PLANS
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PROJ. MANAGER	DATE	BY	SIGNATURE	P.E. NUMBER	DATE
Y-T LEE	OCT 2024	T WHITE	Cody A. Russell	15866	11/14/2024
CHECKED-REVIEWED					
DESIGN-REVIEWED					
DESIGN-REVIEWED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

EDGE COMB RIVER ROAD BORING LOCATION PLAN & INTERPRETIVE SUBSURFACE PROFILE
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SHEET NUMBER 4 OF 12



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
26799.00	
WIN	26799.00
HIGHWAY PLANS	

PROJ. MANAGER	DATE	BY	DATE
DESIGNED-DETAILED	11/19/24	S. KELLY	
CHECKED-REVIEWED			
DESIGNED-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

EDGECOMB RIVER ROAD	
PLAN & PROFILE	

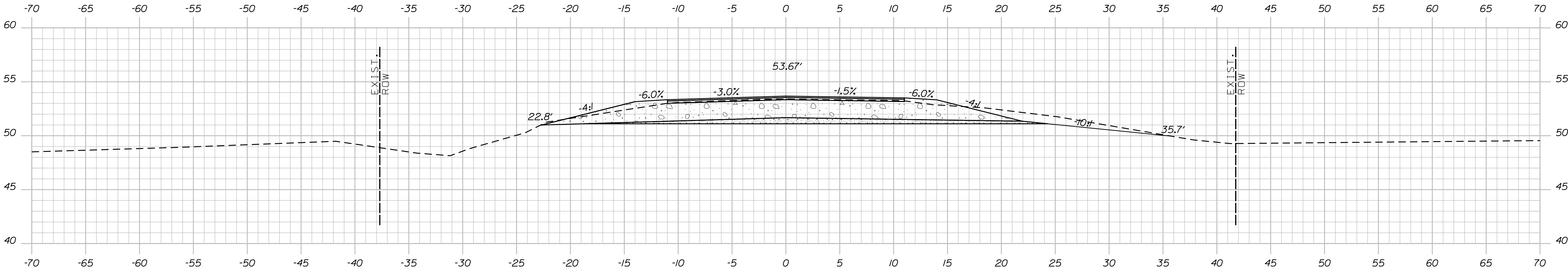
SHEET NUMBER
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OF 12

Date:11/19/2024

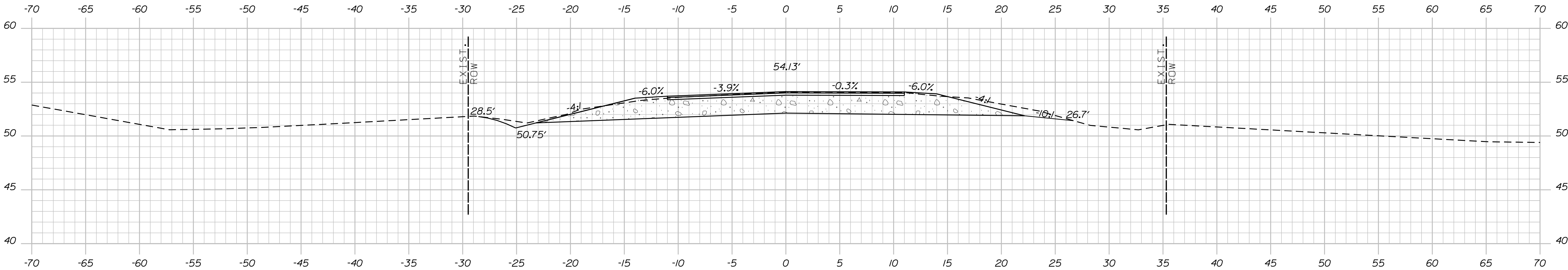
Username: skelly

Division: HIGHWAY

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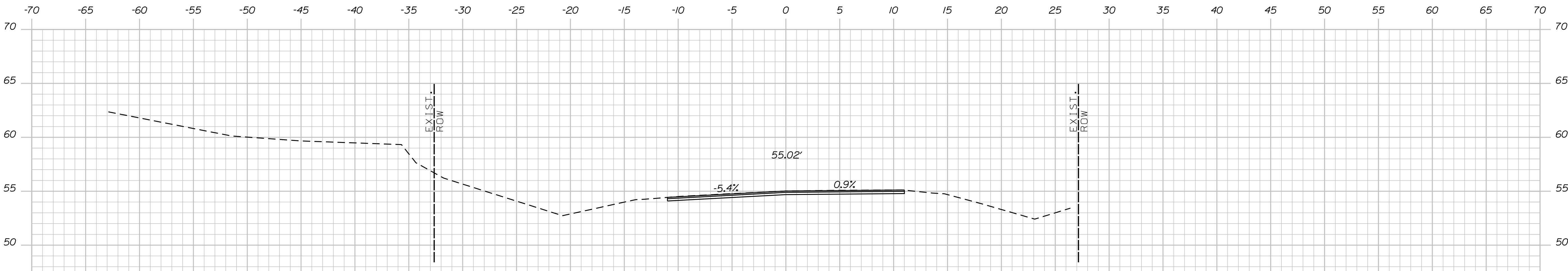


101+75.00



101+50.00

STA. 101+50.00
END TRANSITION
BEGIN PROJECT



101+25.00

STA. 101+25.00
BEGIN TRANSITION
MATCH EXISTING
LIMIT OF WORK

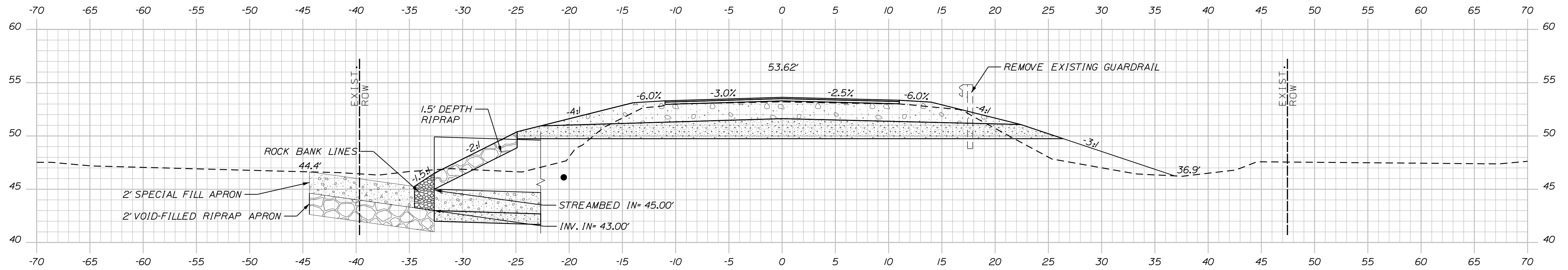
STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
26799.00	
WIN	26799.00
HIGHWAY PLANS	

PROJ. MANAGER	R. BETZ	BY	DATE	SIGNATURE	
				P.E. NUMBER	
CHECKED-DETAILED			11/19/24		
DESIGN-DETAILED					
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

EDGEComb RIVER ROAD	
CROSS SECTIONS	

SHEET NUMBER	
7	
OF 12	

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101+95.50 (INLET LOCATION)

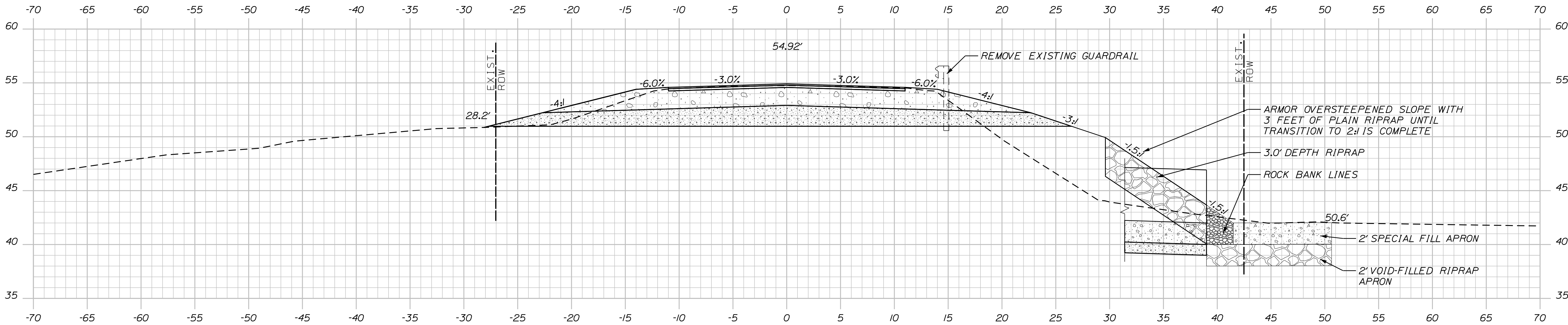
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Date:11/19/2024

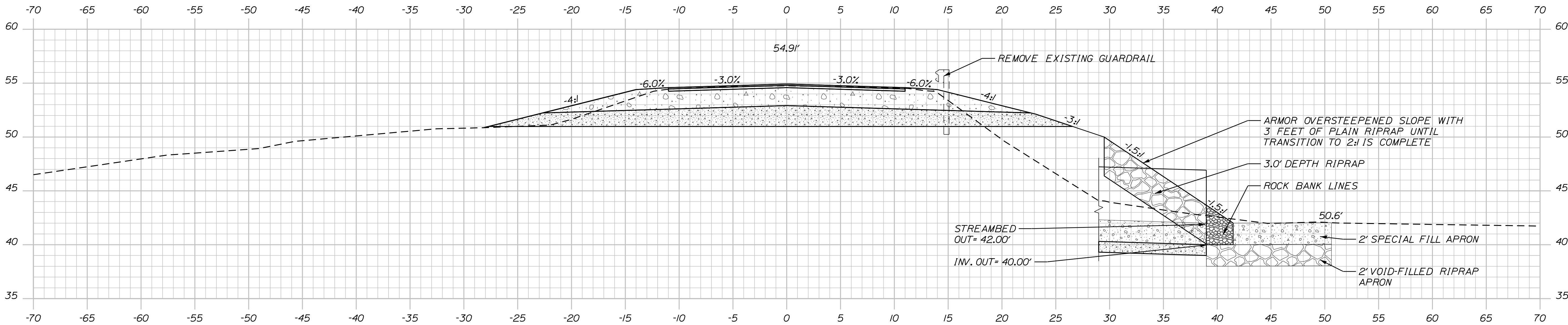
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Division: HIGHWAY

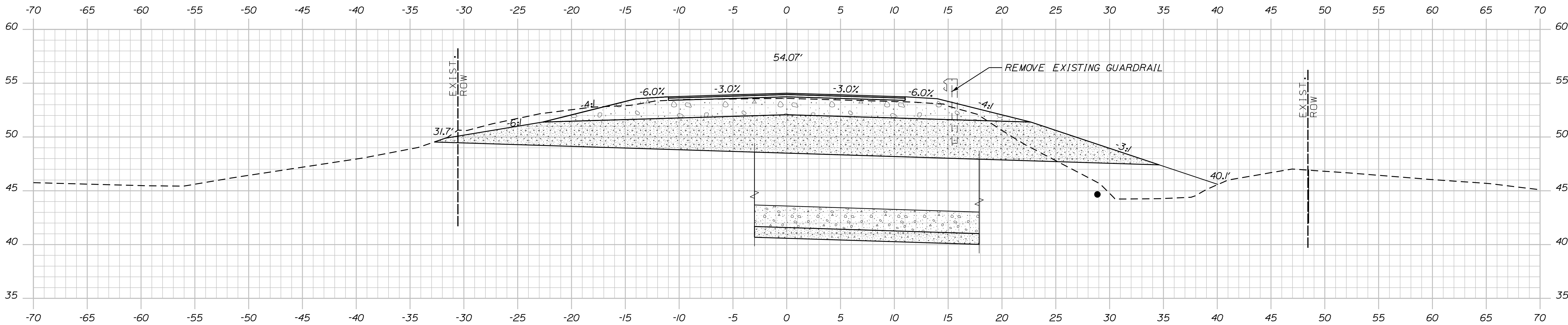
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102+50.00



102+49.95



102+25.00

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
	26799.00	
	WIN	26799.00

PROJ. MANAGER	R. BETZ	BY S. KELLY	DATE 11/19/24	SIGNATURE
DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 1	P.E. NUMBER
DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 2	DATE
DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 3	
DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 4	
DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	FIELD CHANGES	

EDGE COMB RIVER ROAD	CROSS SECTIONS

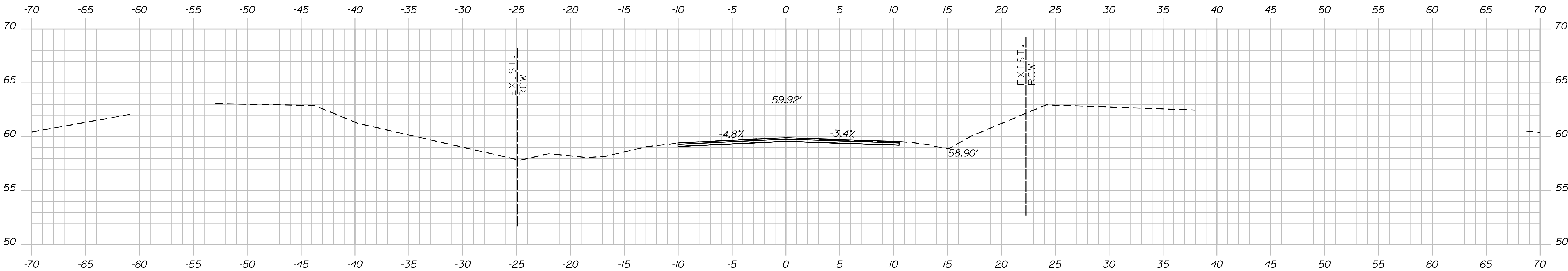
SHEET NUMBER
9
OF 12

Date:11/19/2024

Username: skelly

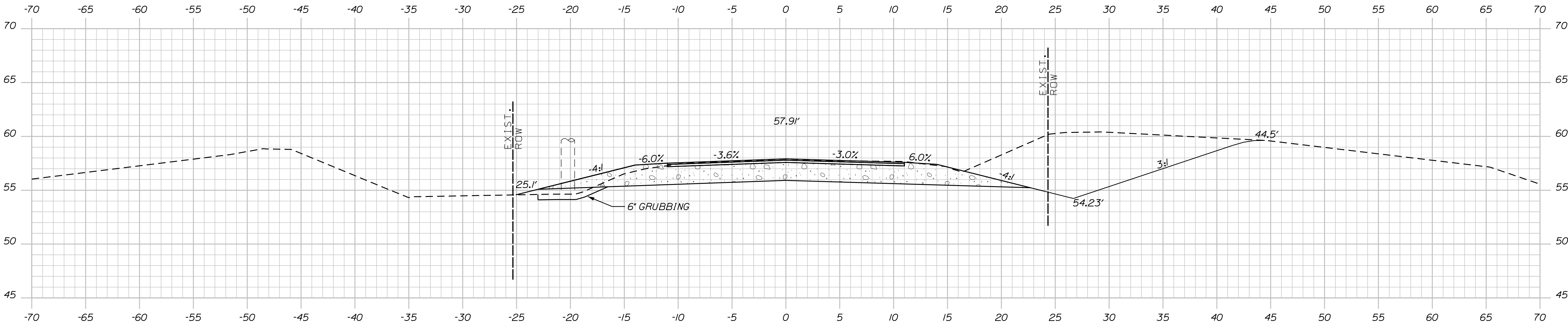
Division: HIGHWAY

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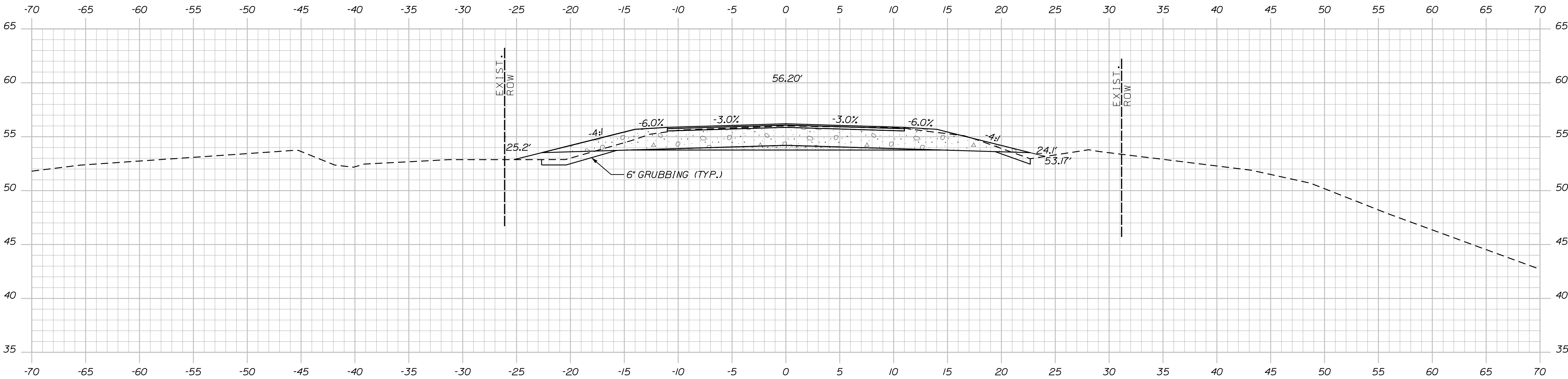
103+25.00

STA. 103+25.00
END TRANSITION
MATCH EXISTING
LIMIT OF WORK



103+00.00

STA. 103+00.00
END PROJECT
BEGIN TRANSITION



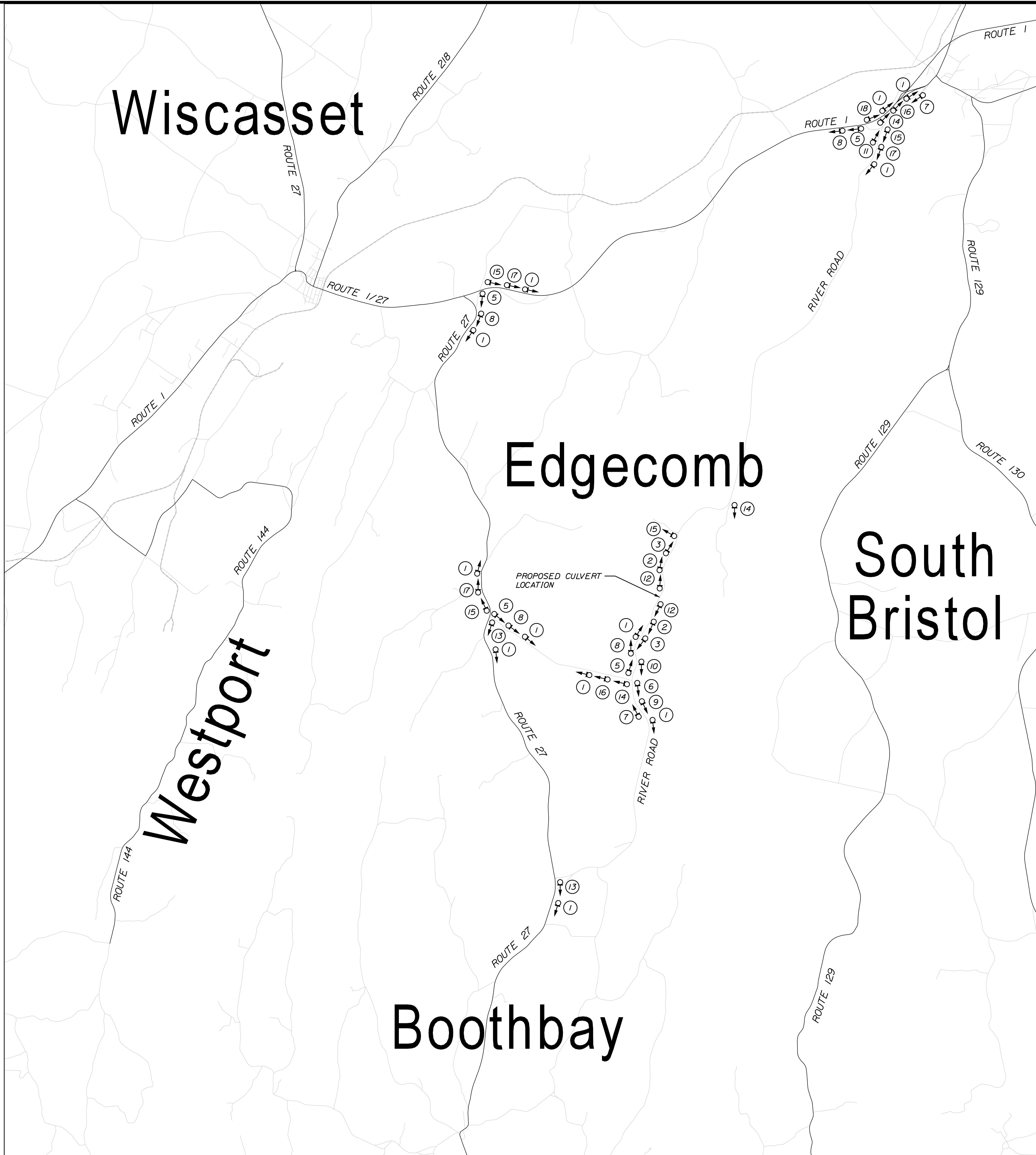
102+75.00

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
26799.00	
WIN	HIGHWAY PLANS
26799.00	

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	S. KELLY	11/19/24
CHECKED-REVIEWED		
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

EDGE COMB RIVER ROAD	CROSS SECTIONS
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SHEET NUMBER
10
OF 12



11		SHEET NUMBER		EDGE COMB RIVER ROAD		PROJ. MANAGER		R. BETZ	BY S. KELLY	DATE 11/09/24	STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
						DESIGN-DETAILED	CHECKED-REVIEWED						
DETOUR PLAN				DESIGN2-DETAILED2							SIGNATURE	026799.00	
				DESIGN3-DETAILED3							P.E. NUMBER		
				REVISIONS 1									
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				REVISIONS 3									
				REVISIONS 4							DATE	WIN 26799.00	HIGHWAY PLANS
				FIELD CHANGES									

