

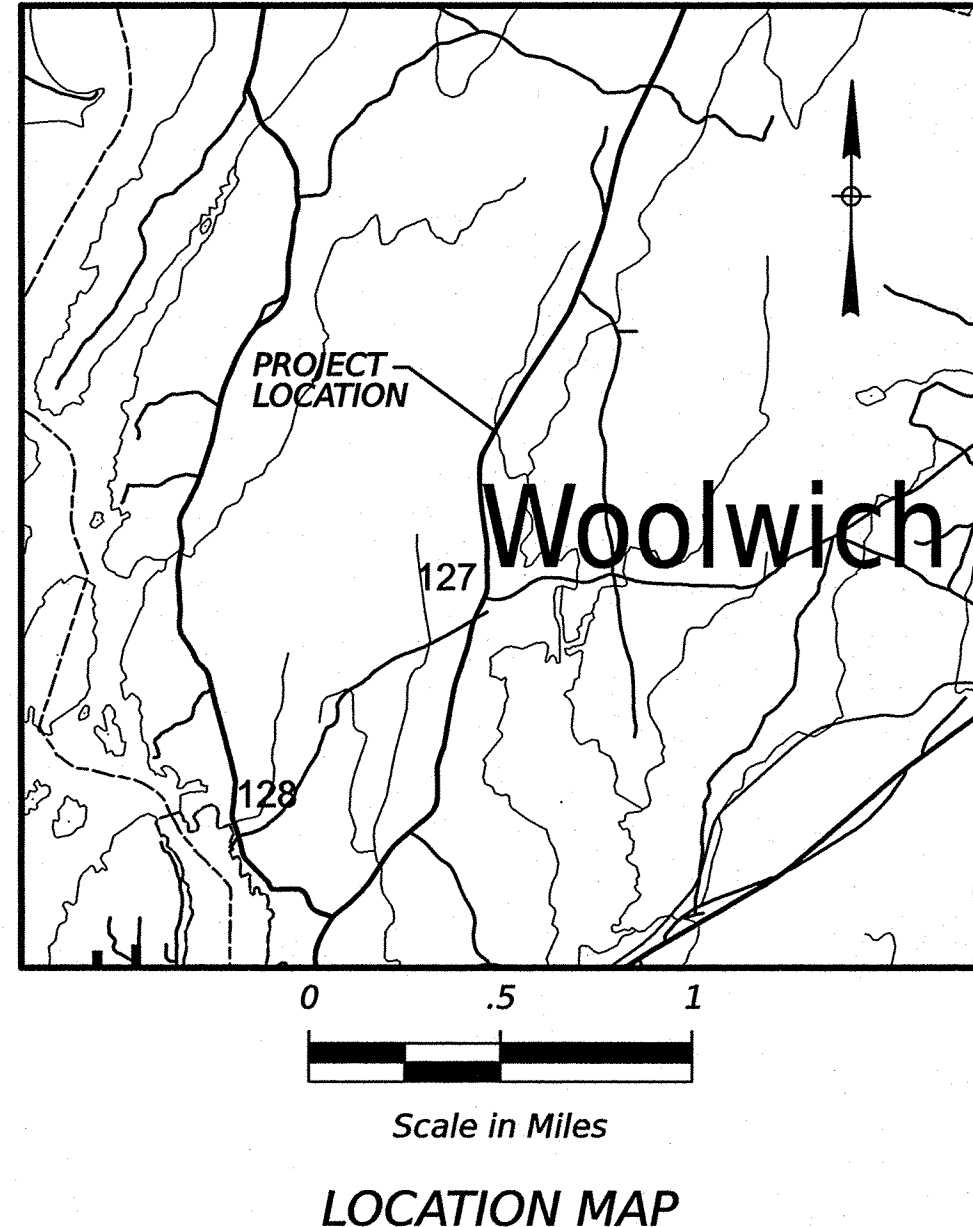
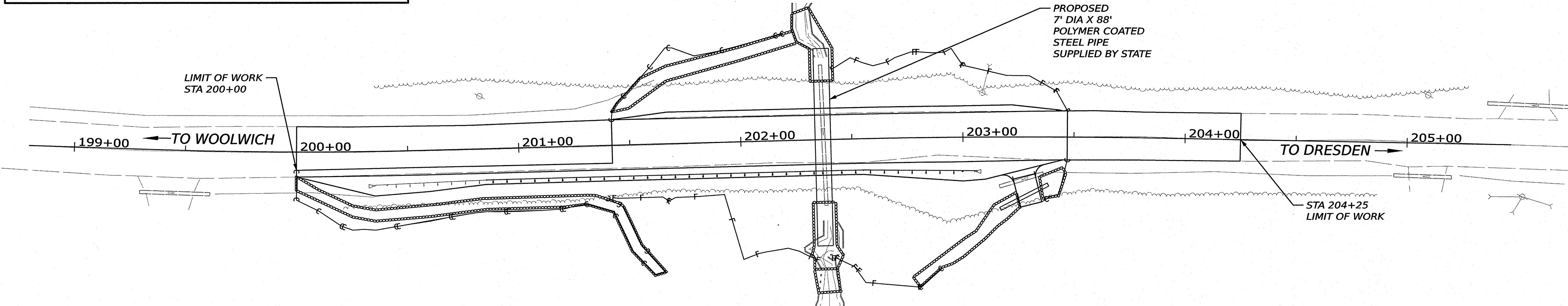
STATE OF MAINE DEPARTMENT OF TRANSPORTATION



WOOLWICH SAGADAHOC COUNTY ROUTE 127 STATE PROJECT NO. 27174.02 PROJECT LENGTH: 0.03 MILES

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 Proposed	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	-----	Centerline-Existing	-----
Trees	Conifer Deciduous	Centerline-Proposed	-----
Tree Line	-----	Travelway-Existing	-----
Clearing Limit Line	-----	Travelway-Proposed	-----
Railroad	-----		
Boring	HB-XXX-###	Probe	P-#. #X
Pavement Core	PC-#		#.# = Depth
Test Pit	TP-XXX-###		X = W (Weathered Rock)
			R (Refusal)
			NR (No Refusal)

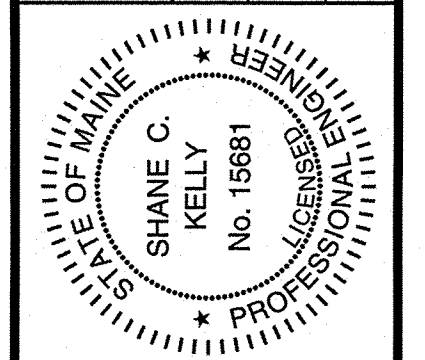
INDEX OF SHEETS	
Description	Sheet No.
Title Sheet	1
Typical Sections/General Notes/Estimate	2
Culvert Detail	3
Boring Location Plan & Interpretive Subsurface Profile	4
Boring Logs	5
Plan / Profile	6
Cross - Sections	7-12
Detour Plan	13
Right of Way Map	14



TRAFFIC DATA	
Current (2026) AADT	2500
Future (2046) AADT	2750
DHV - % of AADT	18%
Design Hour Volume	495
% Heavy Trucks (AADT)	7%
% Heavy Trucks (DHV)	7%
Directional Distribution (DHV)	73%
18-kip Equivalent P 2.0	67
18-kip Equivalent P 2.5	64
Design Speed (mph)	45
Corridor Priority	4

PROJECT LOCATION:	LARGE CULVERT (#228492) LOCATED 0.90 OF A MILE NORTH OF OLD STAGE ROAD LATITUDE / LONGITUDE : 43°58'47" N, 69°46'55" W
PROGRAM AREA:	HIGHWAY PROGRAM
SCOPE OF WORK:	LARGE CULVERT REPLACEMENT
MAINTENANCE OF TRAFFIC	ROAD WILL BE CLOSED TO TRAFFIC DURING CONSTRUCTION WITH TRAFFIC DETOURED OFF SITE
UTILITIES	CENTRAL MAINE POWER, COMCAST, CONSOLIDATED COMMUNICATIONS, LINCOLNVILLE COMMUNICATIONS

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	DATE 4-8-26
APPROVED	COMMISSIONER:
	CHIEF ENGINEER:

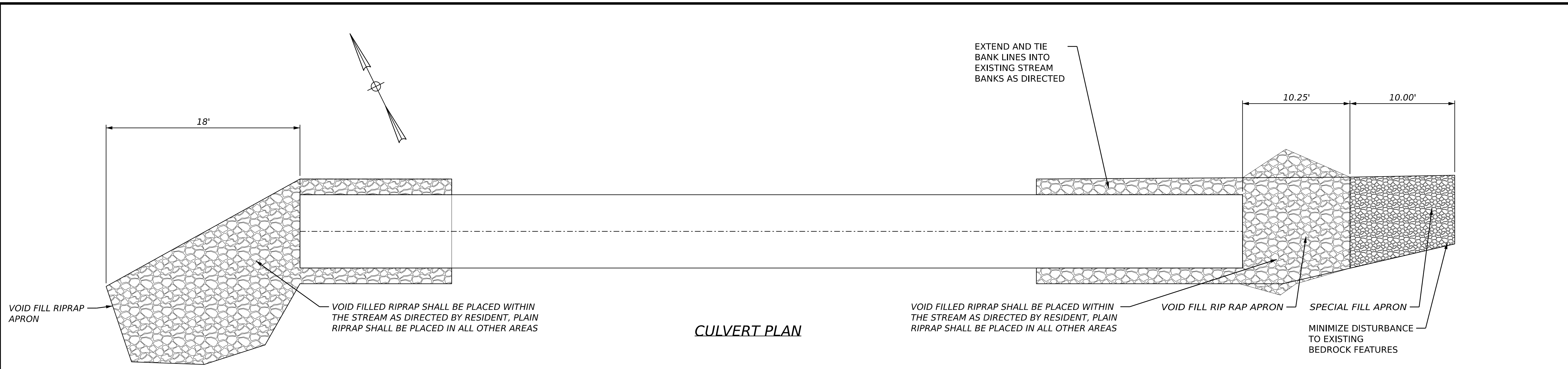


PROJECT INFORMATION	
PROGRAM	HIGHWAY
PROJECT MANAGER	MARTIN ROONEY
DESIGNER	SHANE KELLY
CONSULTANT	SEBAGO TECHNICS
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

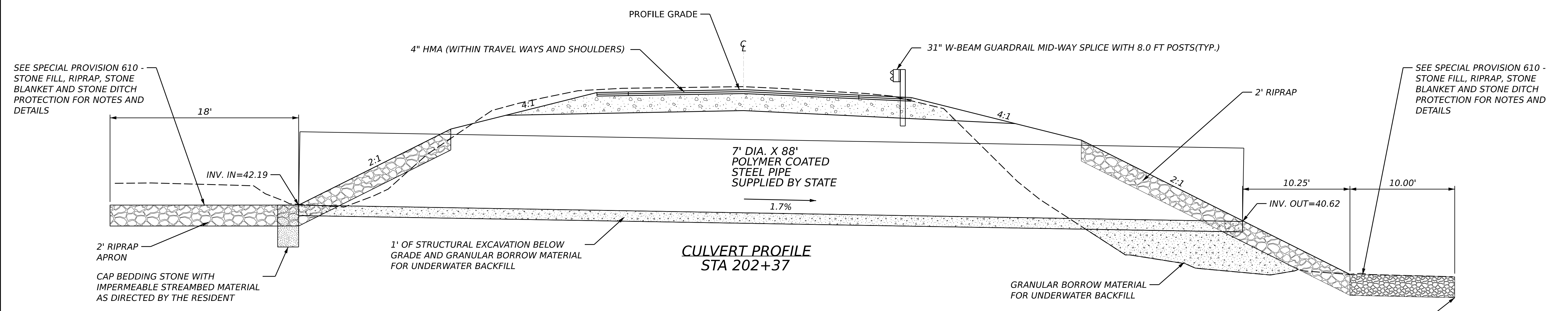
STATE PROJECT NO. 27174.02	WOOLWICH ROUTE 127
WIN 27174.02	TITLE SHEET

SHEET NUMBER	1
OF	14

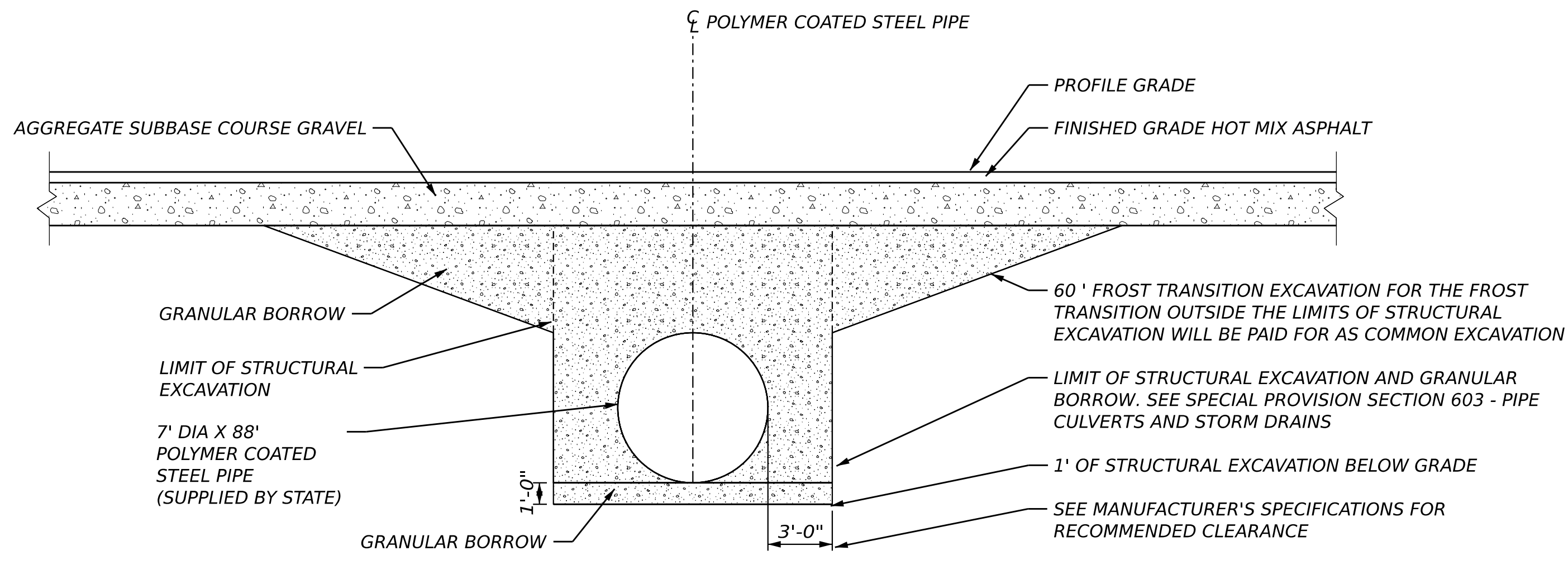
Date: 3/20/2026
Username: zjackson



CULVERT PLAN



**CULVERT PROFILE
STA 202+37**



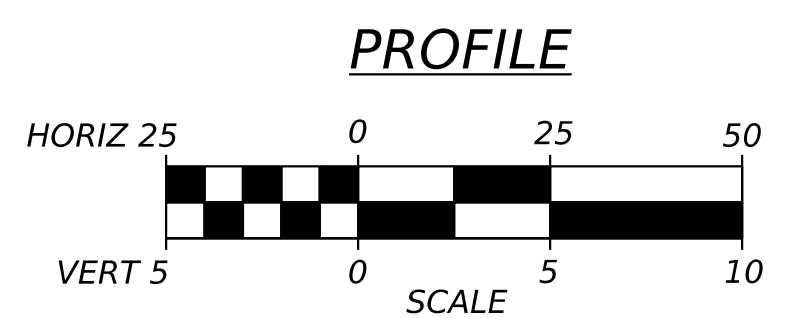
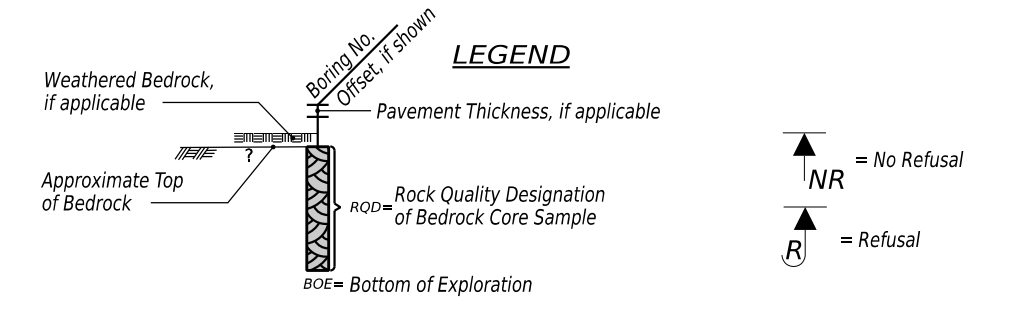
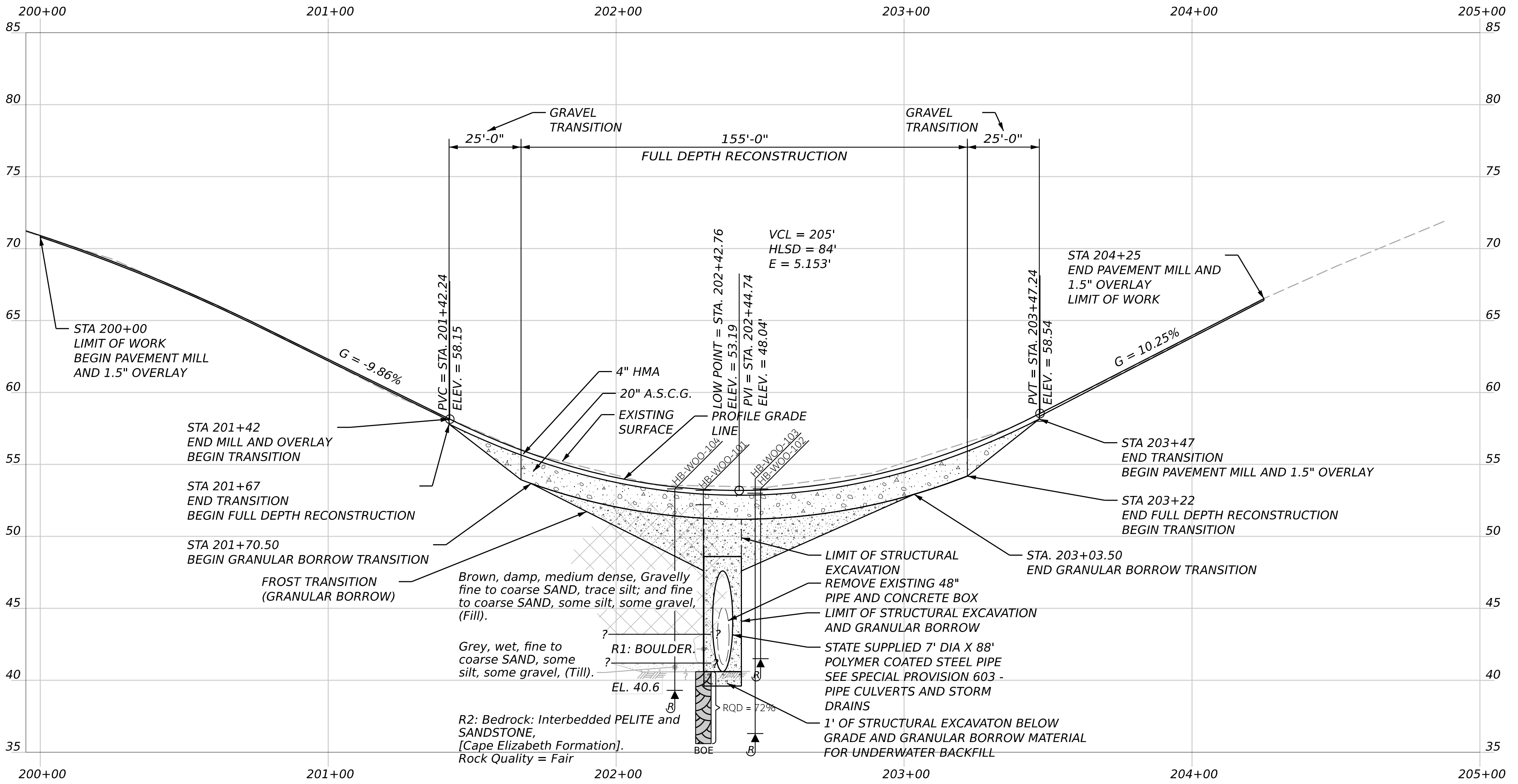
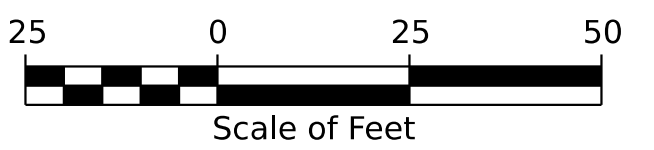
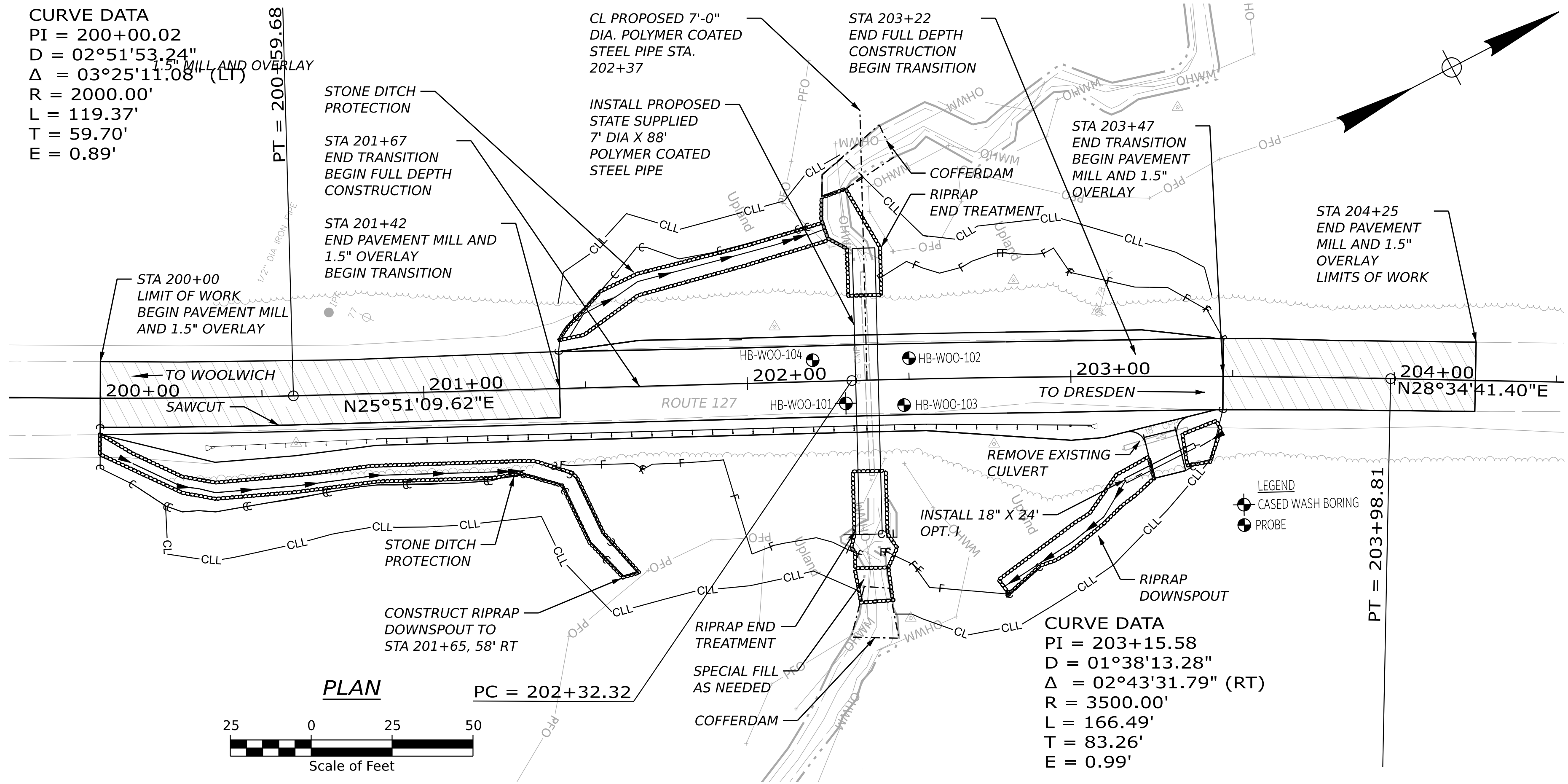
**TYPICAL CULVERT SECTION
(NOT TO SCALE)**

- CULVERT NOTES:**
1. THE CORRUGATED METAL PIPE CULVERT SHALL BE BEDDED ON A 1-FOOT LAYER OF COMPACTED GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL
 2. COFFERDAMS ARE TO BE PLACED AT BOTH THE DOWNSTREAM AND UPSTREAM ENDS OF THE CORRUGATED METAL PIPE TO ALLOW WATER TO BE PUMPED AND REMOVED DURING CONSTRUCTION OF THE CORRUGATED METAL PIPE
 3. RIPRAP WILL BE USED TO INSLOPE AROUND THE CULVERT ENDS AT BOTH THE INLET AND OUTLET. SEE PLAN FOR LOCATIONS. MODIFICATIONS TO THE RIPRAP LOCATIONS SHALL BE AT THE DISCRETION OF THE RESIDENT
 4. VOIDS IN RIPRAP APRONS SHALL BE INFILLED WITH SPECIAL FILL WATERED-IN AND TAMPED
 5. REMOVAL OF EXISTING CULVERTS SHALL BE INCIDENTAL TO THE CONTRACT
 6. INSTALL SHEET WATERPROOFING MEMBRANE OVER THE TOP AND TO 12" DOWN THE EXTERIOR SIDES OF THE CULVERT.

NOT TO SCALE

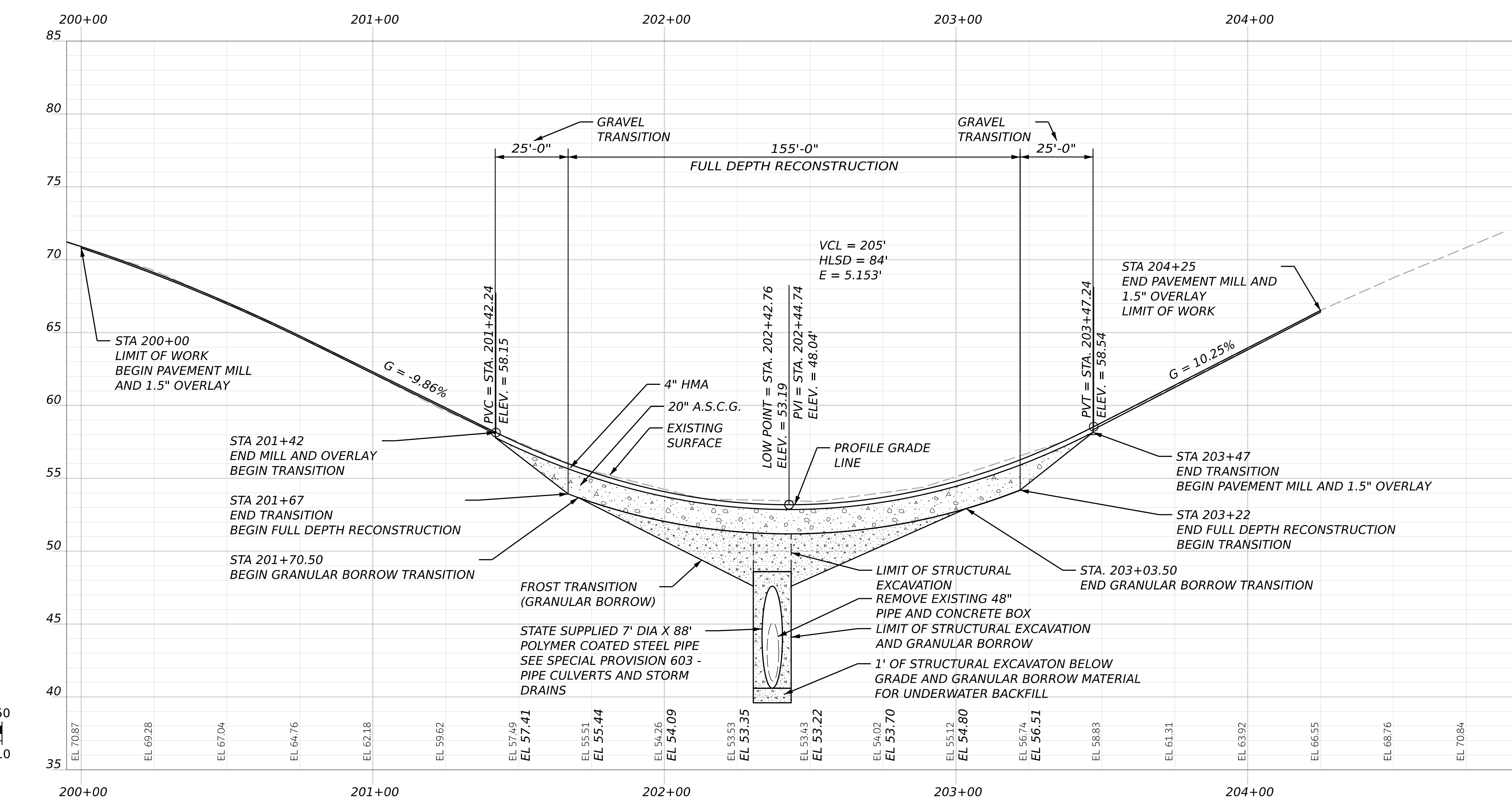
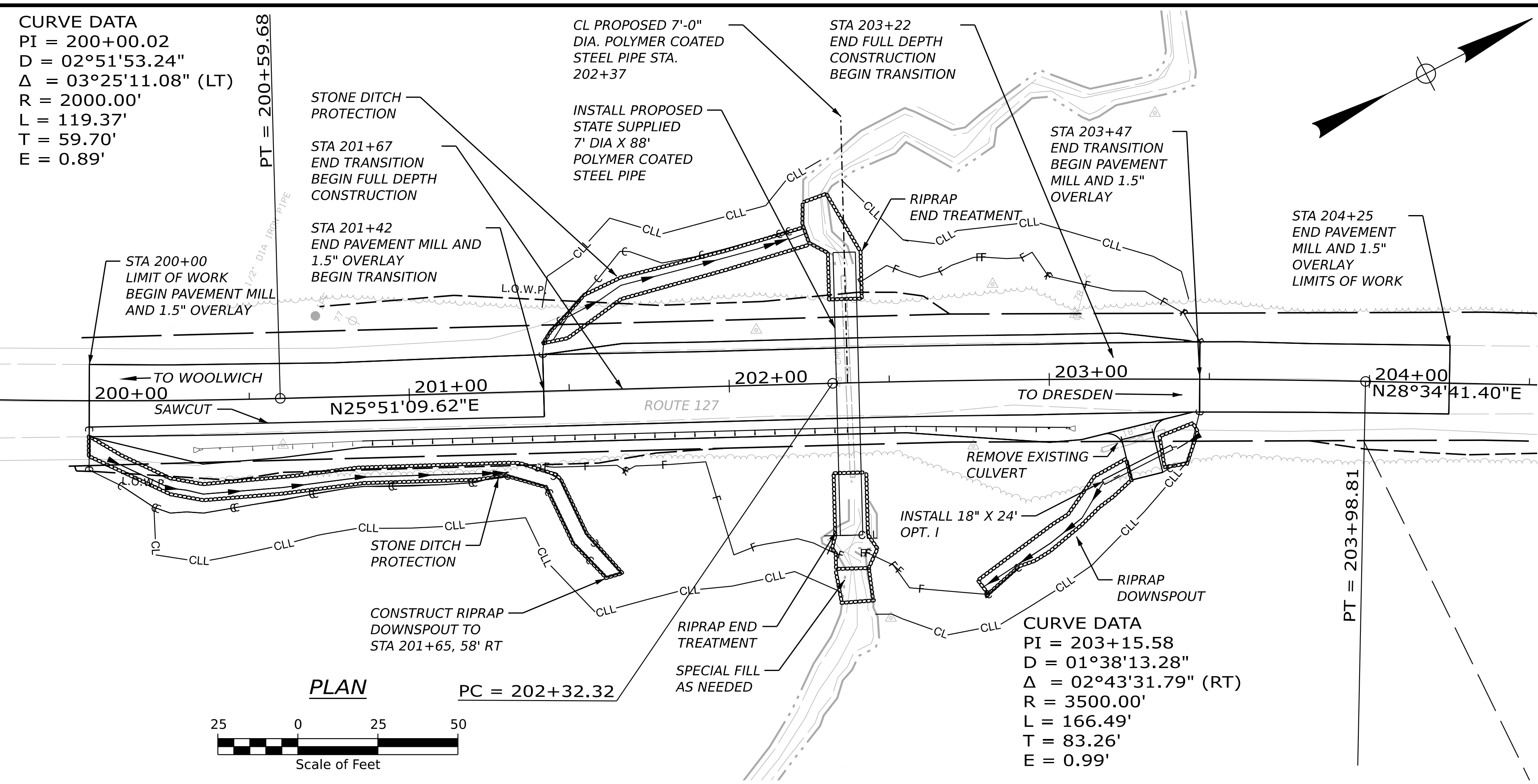
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		27174.02		WIN		027174.02		HIGHWAY PLANS	
Woolwich		Route 127		CULVERT DETAIL		SHEET NUMBER		3		OF 14	
PROJ. MANAGER	M. ROONEY	CHECKED	Z. JACKSON	DATE	03/20/26	SIGNATURE	15681	P.E. NUMBER	03/20/26	DATE	
DESIGN-DETAILED	Z. JACKSON	CHECKED-REVIEWED	S. KELLY	DATE	03/20/26	DESIGN-DETAILED02		REVISIONS 1		REVISIONS 2	
DESIGN-DETAILED03		REVISIONS 3		REVISIONS 4		FIELD CHANGES					

CURVE DATA
 PI = 200+00.02
 D = 02°51'53.24"
 Δ = 03°25'11.08" (LT)
 R = 2000.00'
 L = 119.37'
 T = 59.70'
 E = 0.89'



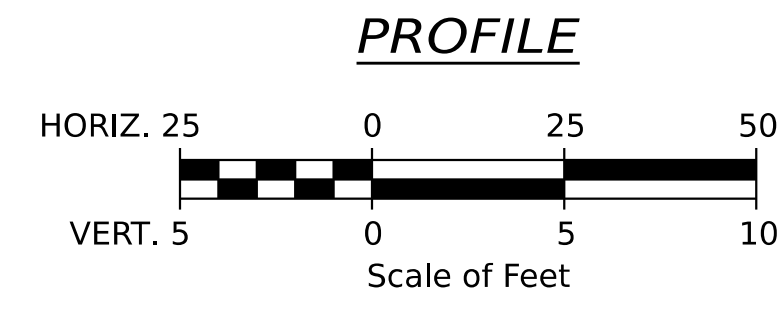
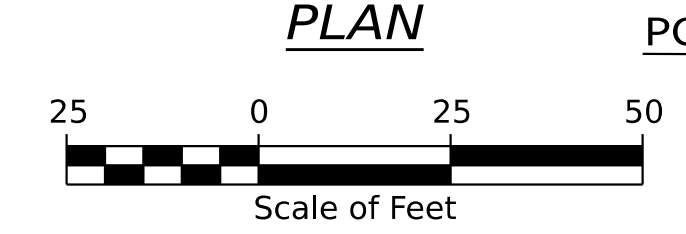
Note: This generalized interpretive soil profile is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and have been developed by interpretations of widely spaced explorations and samples. Actual soil transitions may vary and are probably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

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		27174-02	WIN 027174.02 HIGHWAY PLANS
DATE 03/03/26	BY S. KELLY	SIGNATURE Coby A. Russell	P.E. NUMBER 16886
PROJ. MANAGER M. ROONEY	DESIGN-REVIEWED S. KELLY	DATE MAR 2026	DATE 3/25/2026
CHECKED-REVIEWED M. ROONEY	DESIGN-REVIEWED S. KELLY	P.E. NUMBER 16886	DATE 3/25/2026
DESIGN-REVIEWED M. ROONEY	DESIGN-REVIEWED S. KELLY	P.E. NUMBER 16886	DATE 3/25/2026
DESIGN-REVIEWED M. ROONEY	DESIGN-REVIEWED S. KELLY	P.E. NUMBER 16886	DATE 3/25/2026
DESIGN-REVIEWED M. ROONEY	DESIGN-REVIEWED S. KELLY	P.E. NUMBER 16886	DATE 3/25/2026
WOOLWICH ROUTE 127 BORING LOCATION PLAN & INTERPRETIVE SUBSURFACE PROFILE			
SHEET NUMBER 4 OF 14			



CURVE DATA
 PI = 200+00.02
 D = 02°51'53.24"
 Δ = 03°25'11.08" (LT)
 R = 2000.00'
 L = 119.37'
 T = 59.70'
 E = 0.89'

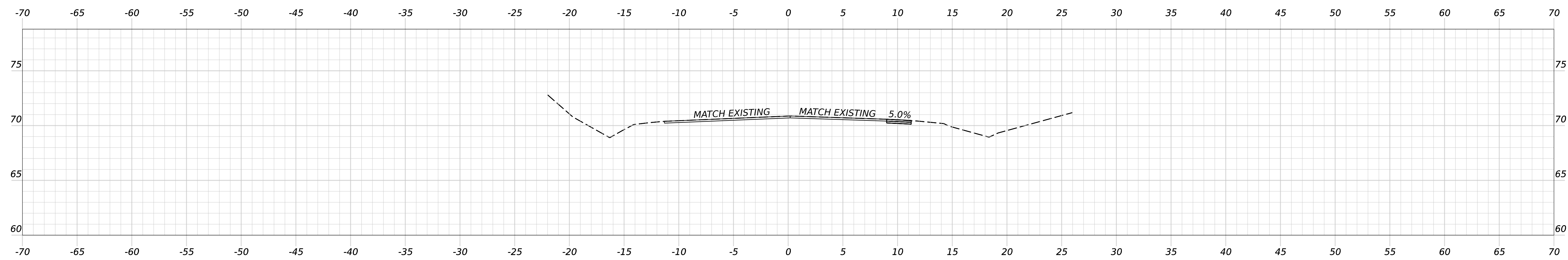
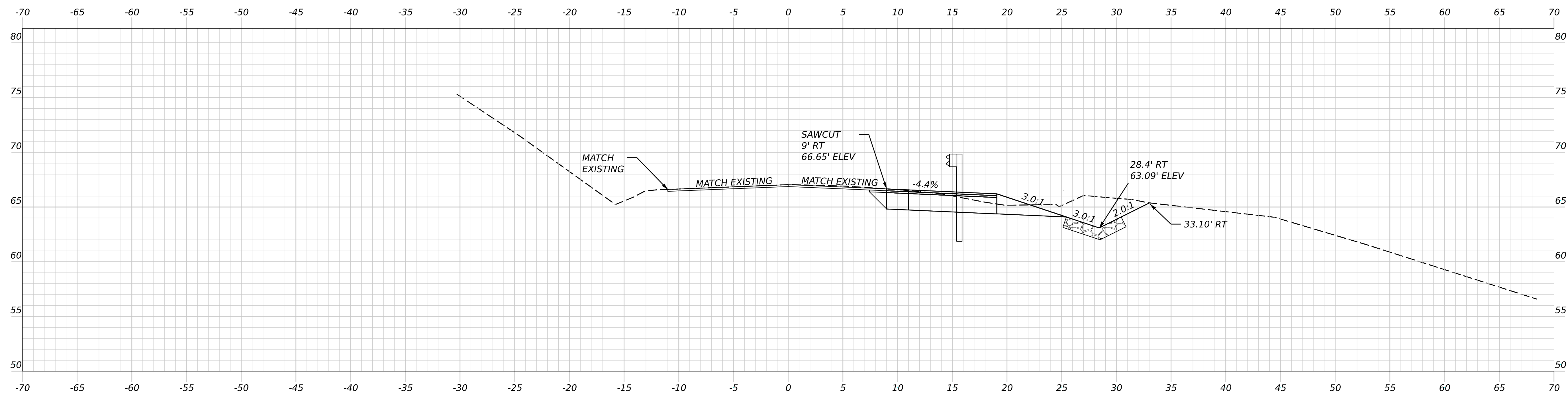
CURVE DATA
 PI = 203+15.58
 D = 01°38'13.28"
 Δ = 02°43'31.79" (RT)
 R = 3500.00'
 L = 166.49'
 T = 83.26'
 E = 0.99'



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		27174-02	WIN 027174.02	HIGHWAY PLANS
	SIGNATURE	P.E. NUMBER	DATE	
	M. ROONEY	15681	03/20/26	
	Z. JACKSON	S. KELLY	03/20/26	
	DESIGN-DETAILED	DESIGN-DETAILED02	REVISIONS 1	
	CHECKED-REVIEWED	DESIGN-DETAILED03	REVISIONS 2	
	DESIGN-DETAILED	DESIGN-DETAILED03	REVISIONS 3	
	DESIGN-DETAILED	DESIGN-DETAILED03	REVISIONS 4	
	FIELD CHANGES			
WOOLWICH ROUTE 127 PLAN/PROFILE				
SHEET NUMBER 6 OF 14				

Date: 3/20/2026

Username: zjackson



200+50.00
 200+00.00 BEGIN MILL AND 1.5" OVERLAY
 STA. 200+00 TO STA. 201+42 MILL AND 1.5" OVERLAY
 LIMIT OF WORK

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 27174-02
 WIN
 027174.02
 HIGHWAY PLANS

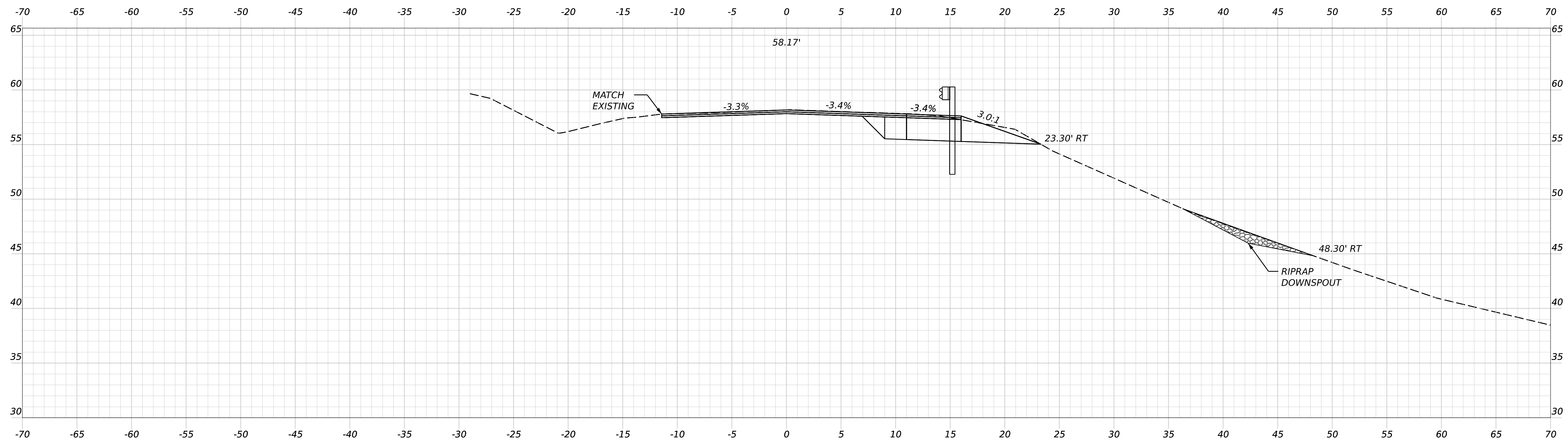
PROJ. MANAGER: M. ROONEY
 DESIGN-DETAILED: Z. JACKSON
 CHECKED-REVIEWED: S. KELLY
 DESIGN-DETAILED02: S. KELLY
 DESIGN-DETAILED03: S. KELLY
 REVISIONS 1: S. KELLY
 REVISIONS 2: S. KELLY
 REVISIONS 3: S. KELLY
 REVISIONS 4: S. KELLY
 FIELD CHANGES: S. KELLY

DATE: 03/20/26
 DATE: 03/20/26
 SIGNATURE: 15681
 P.E. NUMBER: 03/20/26
 DATE: 03/20/26

WOOLWICH
 ROUTE 127
 CROSS SECTIONS

SHEET NUMBER
 7
 OF 14

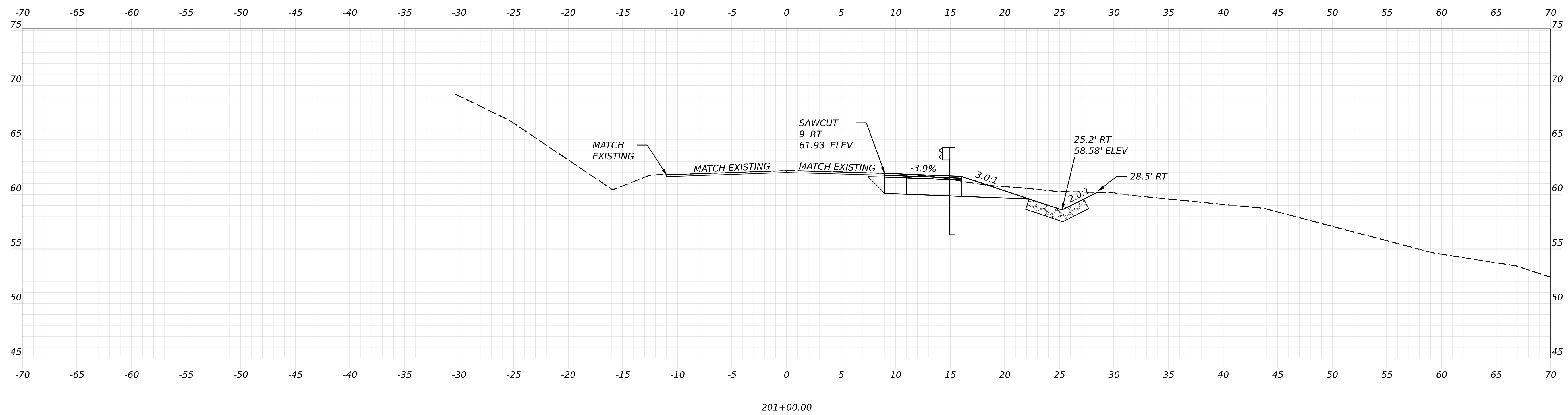
Date: 3/20/2026
 Username: zjackson



STA. 201+42 TO 201+52
 TRANSITION LEFT TRAVELWAY AND SHOULDER
 FROM -3.3% TO -3.0%

201+42.00
 END MILL AND 1.5" OVERLAY
 BEGIN TRANSITION

STA. 201+42 TO 201+52
 TRANSITION RIGHT TRAVELWAY AND SHOULDER
 FROM -3.4% TO -3.0%



201+00.00

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 27174-02
 WIN
 027174.02
 HIGHWAY PLANS

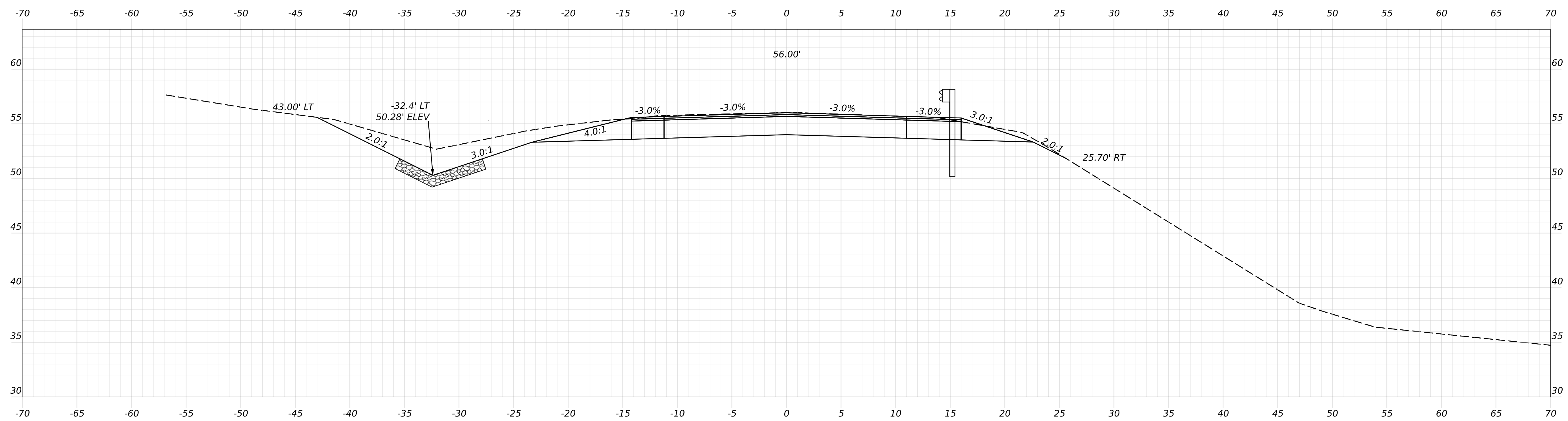
SIGNATURE
 15681
 P.E. NUMBER
 03/20/26
 DATE

PROJ. MANAGER	BY	DATE
M. ROONEY	Z. JACKSON S. KELLY	03/20/26 03/20/26
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGN-DETAILED02		
DESIGN-DETAILED03		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

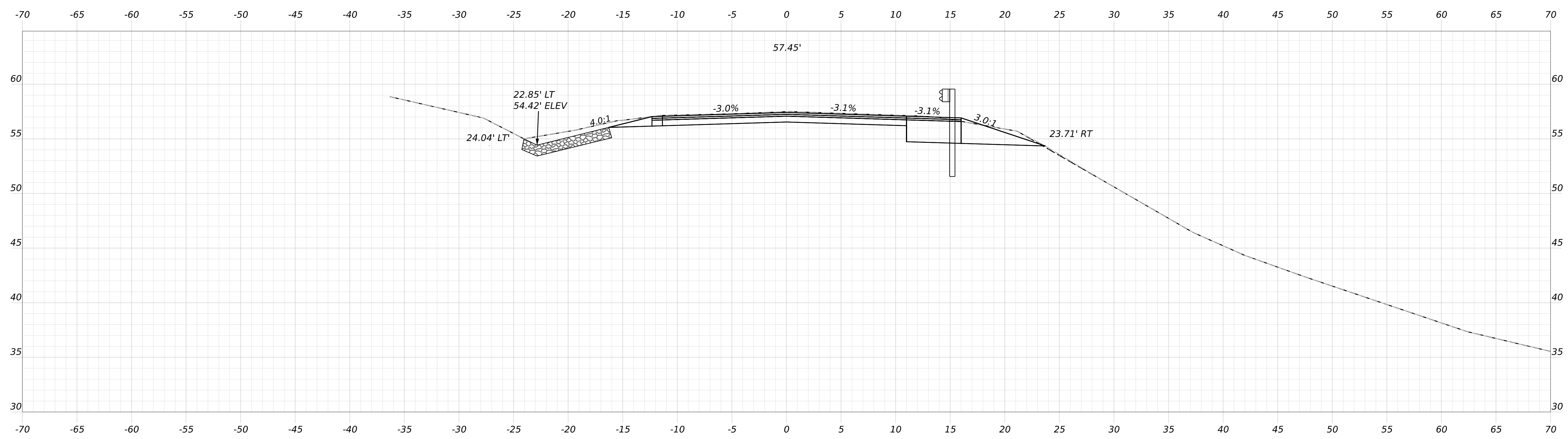
WOOLWICH
 ROUTE 127
 CROSS SECTIONS

SHEET NUMBER
 8
 OF 14

Username: zjackson Date: 3/20/2026



201+67.00
END TRANSITION
BEGIN FULL DEPTH RECONSTRUCTION



201+50.00

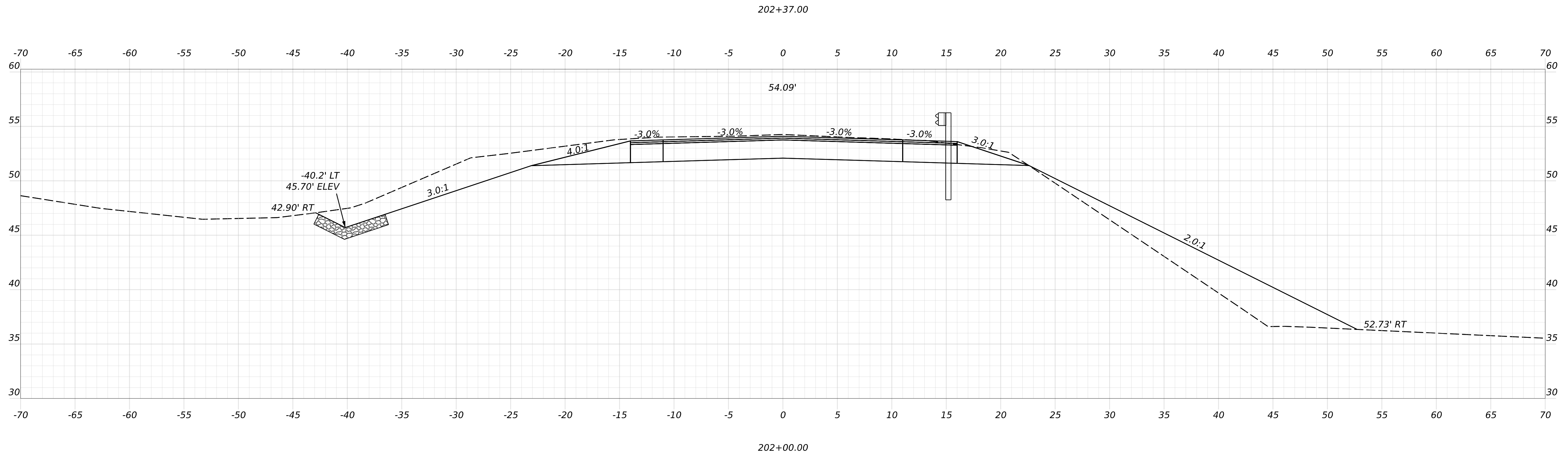
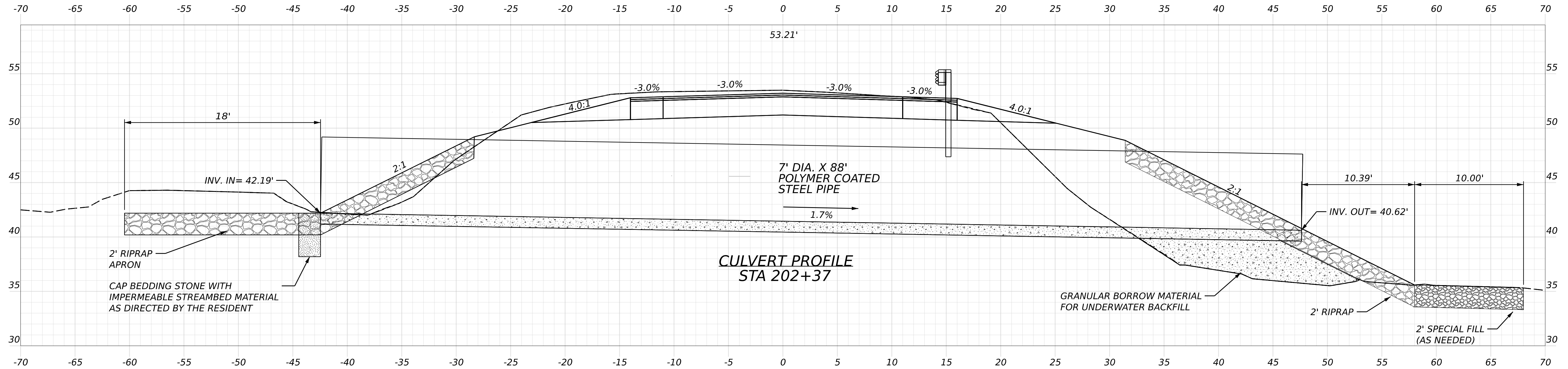
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
27174-02
WIN
027174.02
HIGHWAY PLANS

SIGNATURE
15681
P.E. NUMBER
03/20/26
DATE

PROJ. MANAGER	DATE
M. ROONEY	03/20/26
DESIGN-DETAILED	Z. JACKSON
CHECKED-REVIEWED	S. KELLY
DESIGN-DETAILED02	
DESIGN-DETAILED03	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

WOOLWICH
ROUTE 127

SHEET NUMBER
9
OF 14



PROJ. MANAGER	BY	DATE	SIGNATURE
M. ROONEY	Z. JACKSON	03/20/26	15681
DESIGN-DETAILED	S. KELLY	03/20/26	
CHECKED-REVIEWED			
DESIGN-DETAILED02			
DESIGN-DETAILED03			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WOOLWICH
ROUTE 127
CROSS SECTIONS

SHEET NUMBER

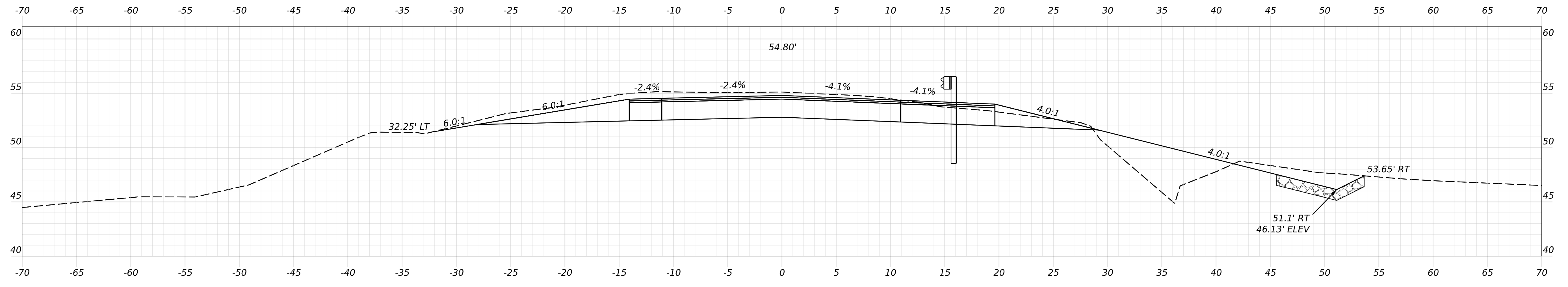
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OF 14

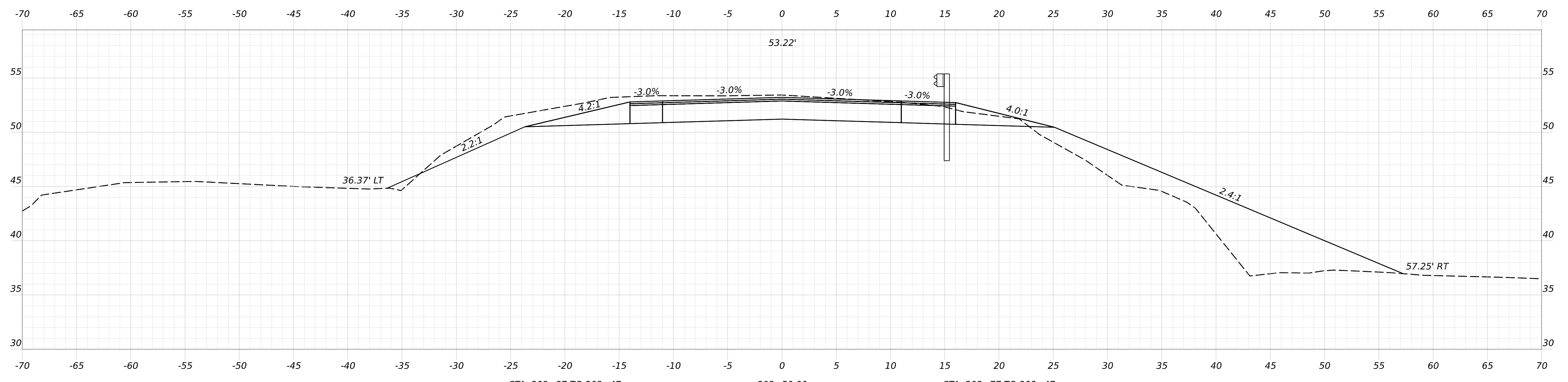
Date: 3/20/2026

Username: zjackson

Date: 3/20/2026
 Username: zjackson



203+00.00
 STA 203+22
 END FULL DEPTH RECONSTRUCTION
 BEGIN TRANSITION



202+87 TO 203+47
 TRANSITION LEFT TRAVELWAY AND SHOULDER
 FROM -3.0% TO -0.2%
 202+50.00
 STA. 202+77 TO 203+47
 TRANSITION RIGHT TRAVELWAY AND SHOULDER
 FROM -3.0% TO -6.2%

STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
 27174-02
 WIN
 027174-02
 HIGHWAY PLANS

PROJ. MANAGER
 M. ROONEY
 BY
 Z. JACKSON
 S. KELLY
 DATE
 03/20/26
 03/20/26
 SIGNATURE
 15681
 P.E. NUMBER
 05/20/26
 DATE

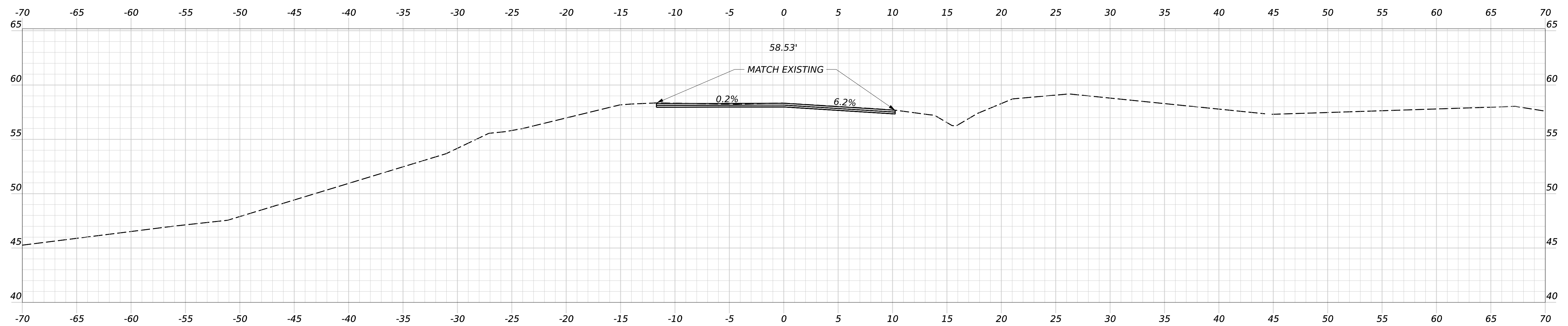
CHECKED-REVIEWED
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 REVISIONS 1
 REVISIONS 2
 REVISIONS 3
 REVISIONS 4
 FIELD CHANGES

WOOLWICH
 ROUTE 127
 CROSS SECTIONS

SHEET NUMBER
 11
 OF 14

Date: 3/20/2026

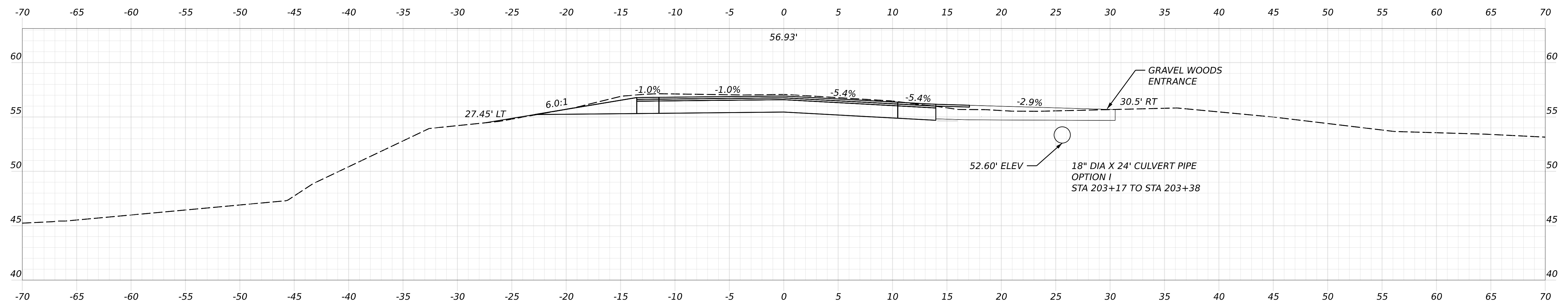
Username: zjackson



203+47.00
END TRANSITION
BEGIN MILL AND 1.5" OVERLAY

STA. 203+47.00 TO 204+25
MILL AND 1.5" OVERLAY

STA. 204+25
END MILL AND 1.5" OVERLAY
LIMIT OF WORK



203+30.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

27174.02

WIN

027174.02

HIGHWAY PLANS

SIGNATURE
15681

P.E. NUMBER
05/20/26

DATE

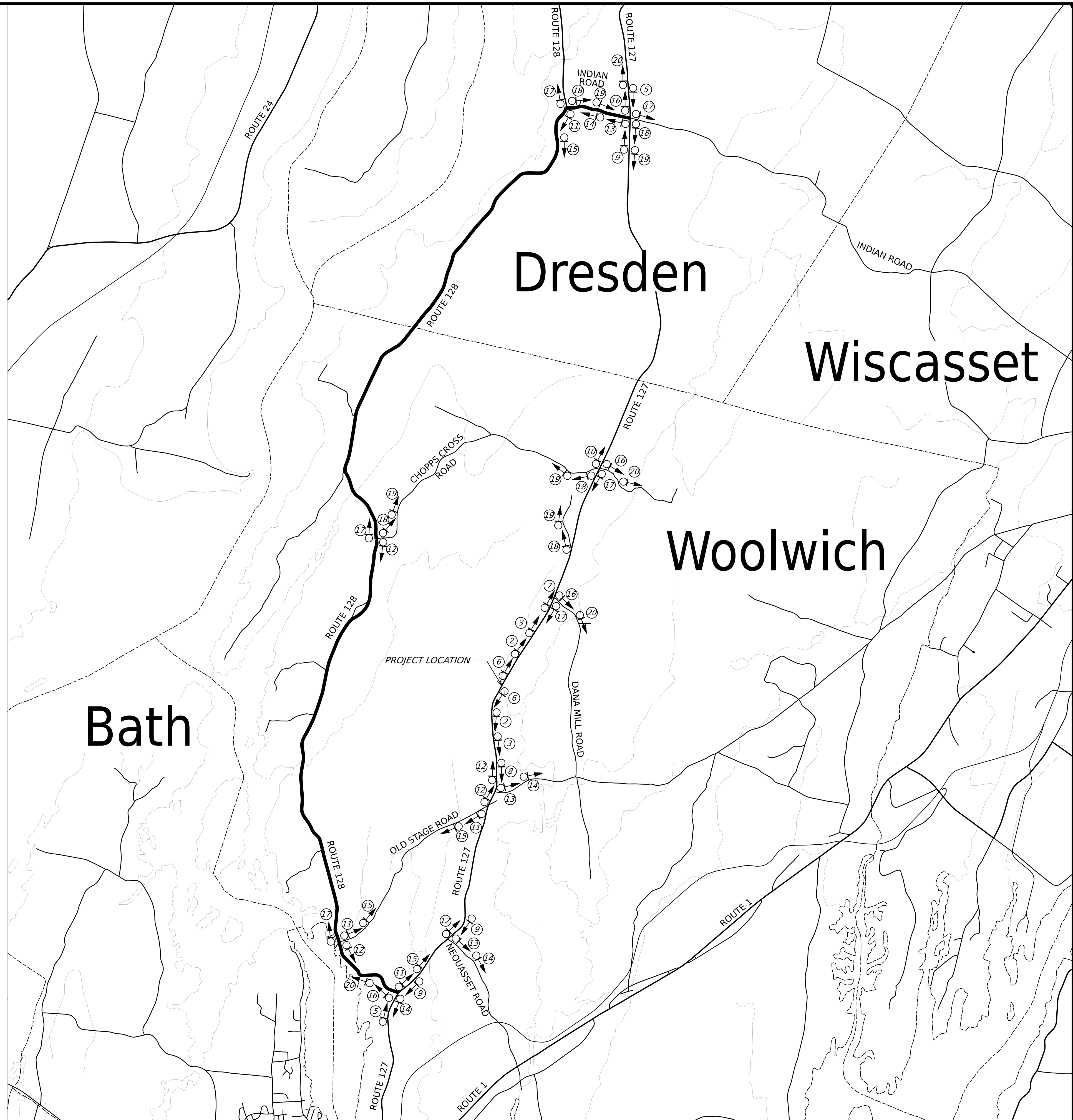
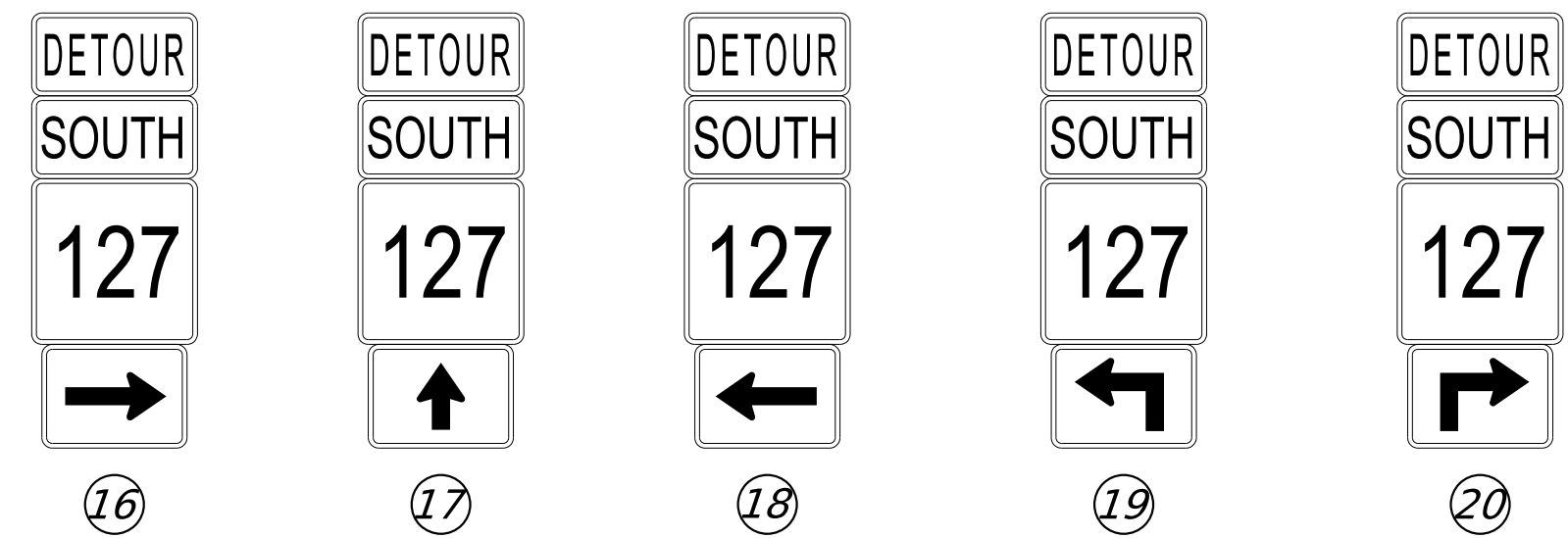
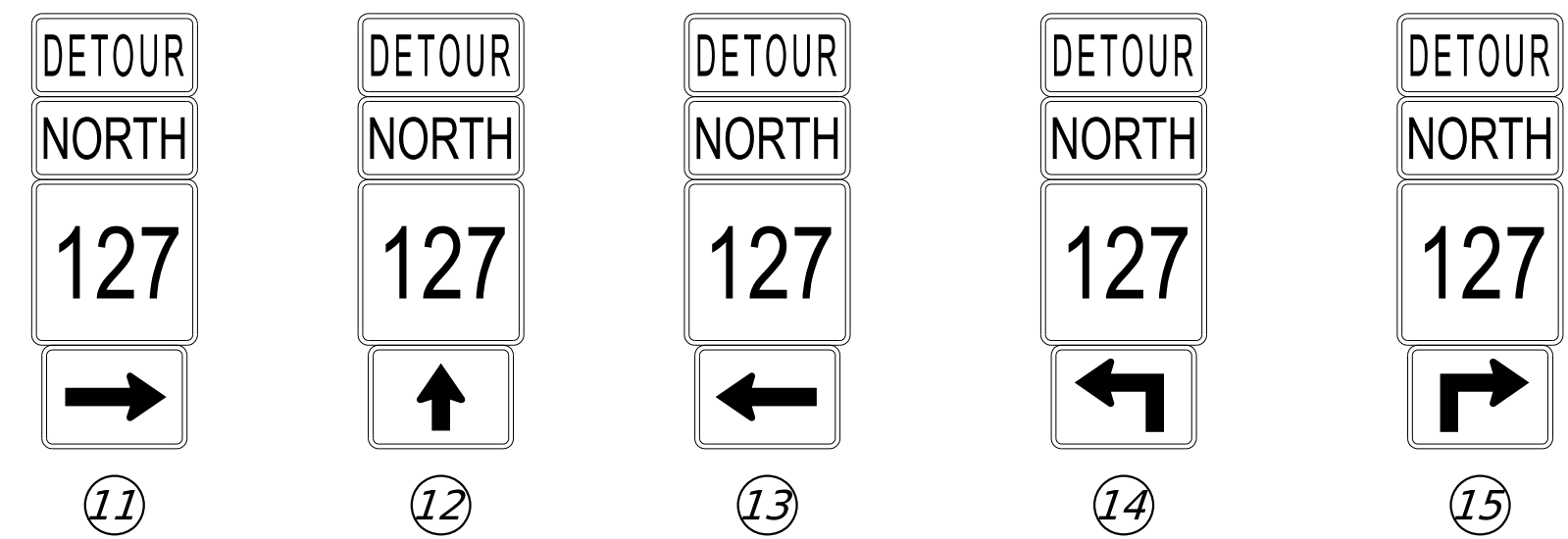
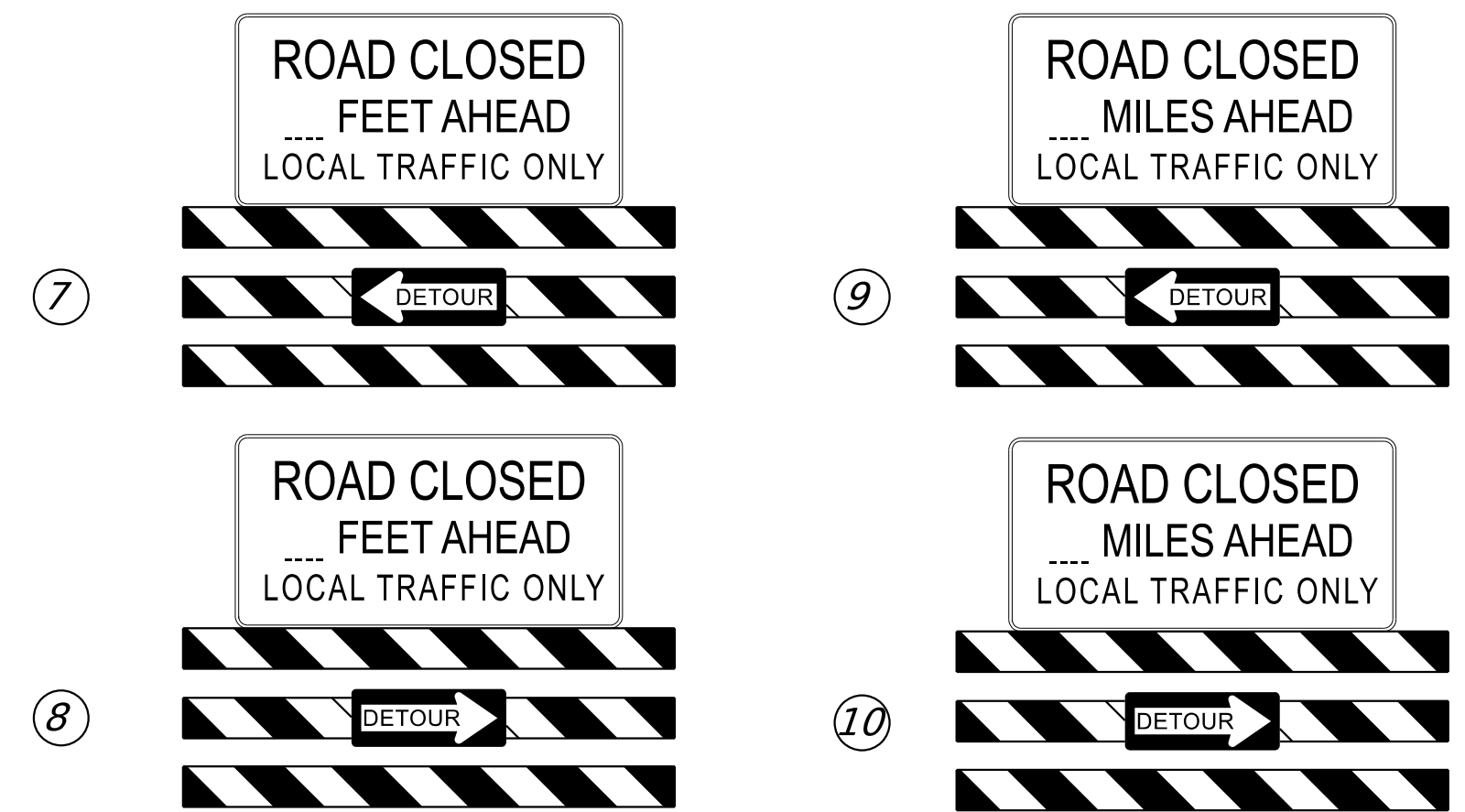
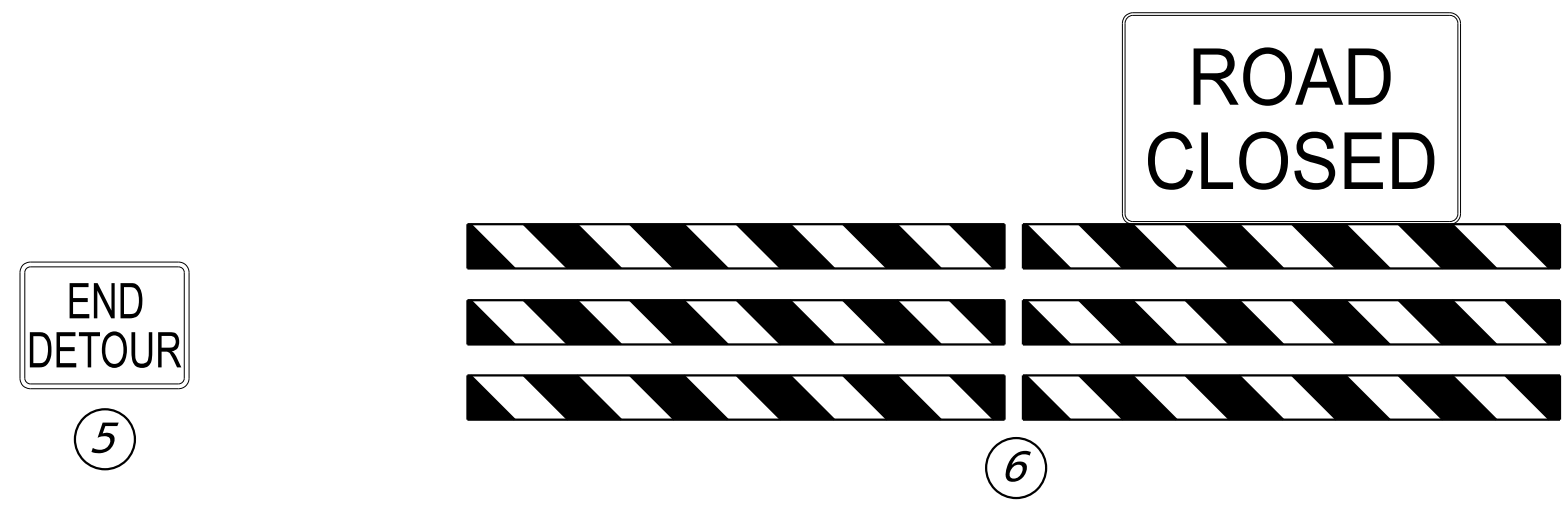
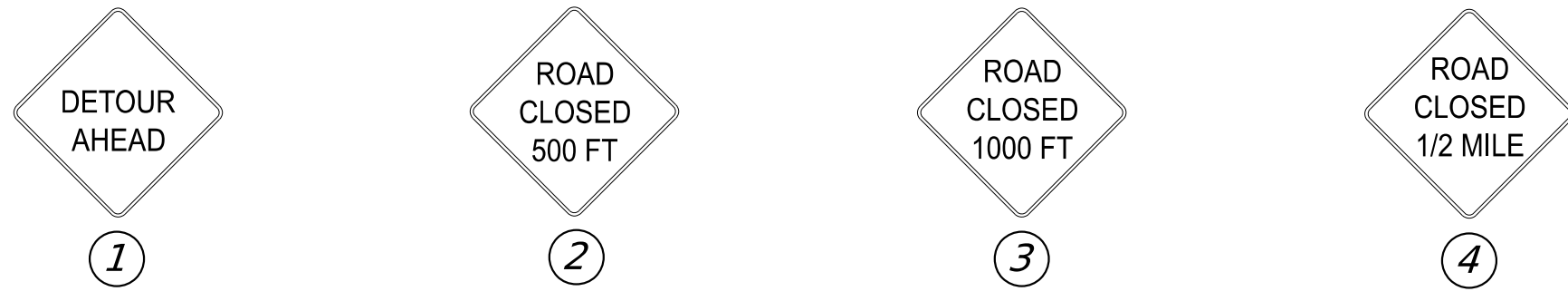
PROJ. MANAGER	BY	DATE
M. ROONEY	Z. JACKSON S. KELLY	03/20/26 03/20/26
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGN-DETAILED02		
DESIGN-DETAILED03		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

WOOLWICH
ROUTE 127
CROSS SECTIONS

SHEET NUMBER

12

OF 14



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
27174-02
HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	DATE	
DESIGN-DETAILED	Z. JACKSON	03/20/26	
CHECKED-REVIEWED	S. KELLY	03/20/26	SIGNATURE
DESIGN-DETAILED 2			15681
DESIGN-DETAILED 3			P.E. NUMBER
REVISIONS 1			03/20/26
REVISIONS 2			DATE
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

WOOLWICH
ROUTE 127
DETOUR PLAN

SHEET NUMBER
13
OF 14

PLAN LEGEND

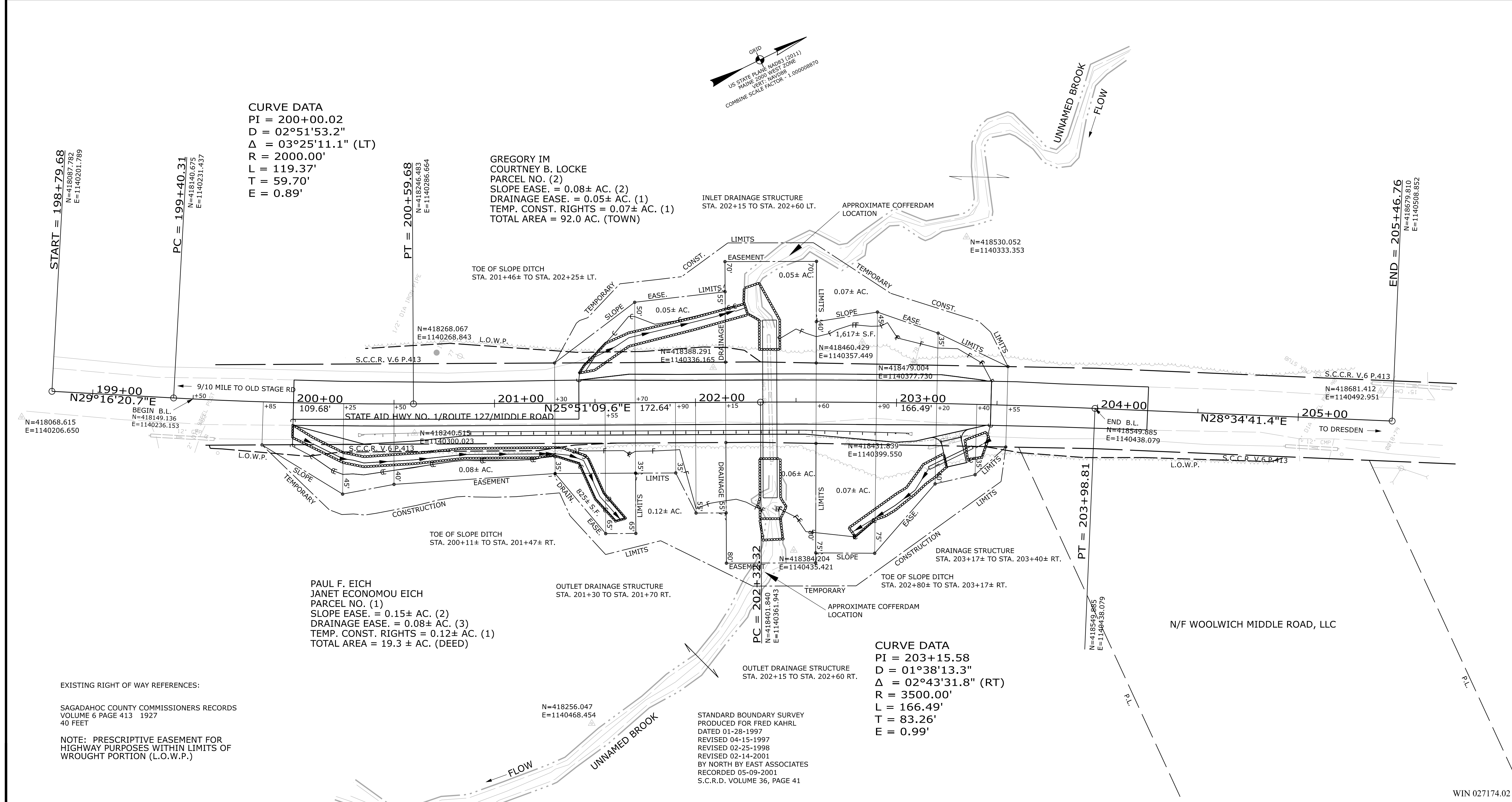
Town, County, State	New R/W Along Existing R/W	Existing	Proposed	Existing	Proposed	Cut Line	Fill Line
Approx. Property Lines	Building	Sanitary Sewer	SA	Traveled Way			
Existing Right of Way	Clearing Limit Line - CLL	Com. Line UG	UG COMM	Ditch		Stonewall	Retaining Wall
Limits of Wrought Portion	Trees Conifer	Electric Line	UG POW	Catch Basin		Baseline	
Control Of Access	Deciduous	Water Line	WL	Manhole		10+00	11+00
New Right of Way	Tree Line	Underdrain Line		Sewer Manhole		12+00	
New Easement	Bush Line	Gas Line	GAS	Utility Pole		Monument	Traverse Point
New Temporary Rights	Water Edge	Guardrail		Fire Hydrant		Iron Rod Set	Pipe Found
New R/W Within Existing R/W	Ledge	Culvert		Curbing			
	Fence						
	Sign						

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 ADJUTING PROPERTY OWNERS.

Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY OF _____
RECEIVED _____, 20____
AT _____ HRS. _____ MINS. _____ M.
AND RECORDED IN _____
PLAN BOOK (OR FILE NO.) _____, PAGE _____
ATTEST: _____ REGISTER



CHECKED	J.D.F.	P.N.S.	D.H.
TECH	J.D.F.	K.D.M.	K.D.M.
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			
RIGHT OF WAY MAP			

REVISIONS		PLAN FILED IN PLAN BOOK		PAGE		COUNTY RECORD		DALE F. DOUGHTY COMMISSIONER		STATE AID HIGHWAY NO. 1 ROUTE 127/ MIDDLE ROAD		SHEET NUMBER 14
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE	WILLIAM A. PULVER CHIEF ENGINEER	Woolwich SAGADAHOC COUNTY STATE PROJECT NO. 2717402	
										DATE	AUGUST 2025	D.O.T FILE NO. 12-146
											SCALE 1" = 25'	

Date: 3/20/2026
Username: zjackson

WIN 027174.02