

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



BIDDEFORD
YORK COUNTY
ROUTE 111
FEDERAL PROJECT NUMBER 2814800

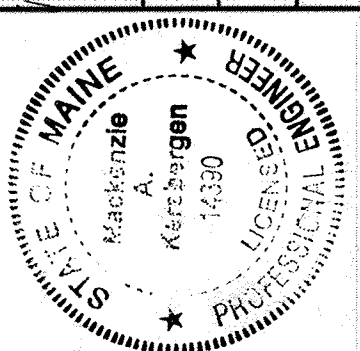
PLAN LEGEND

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	-----	Centerline-Existing	-----	-----
Trees	Conifer	Centerline-Proposed	-----	-----
Tree Line	-----	Travelway-Existing	-----	-----
Clearing Limit Line	CLL	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)		

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STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
	COMMISSIONER: <i>[Signature]</i>	8/14/2026
	CHIEF ENGINEER: <i>[Signature]</i>	8/12/2026

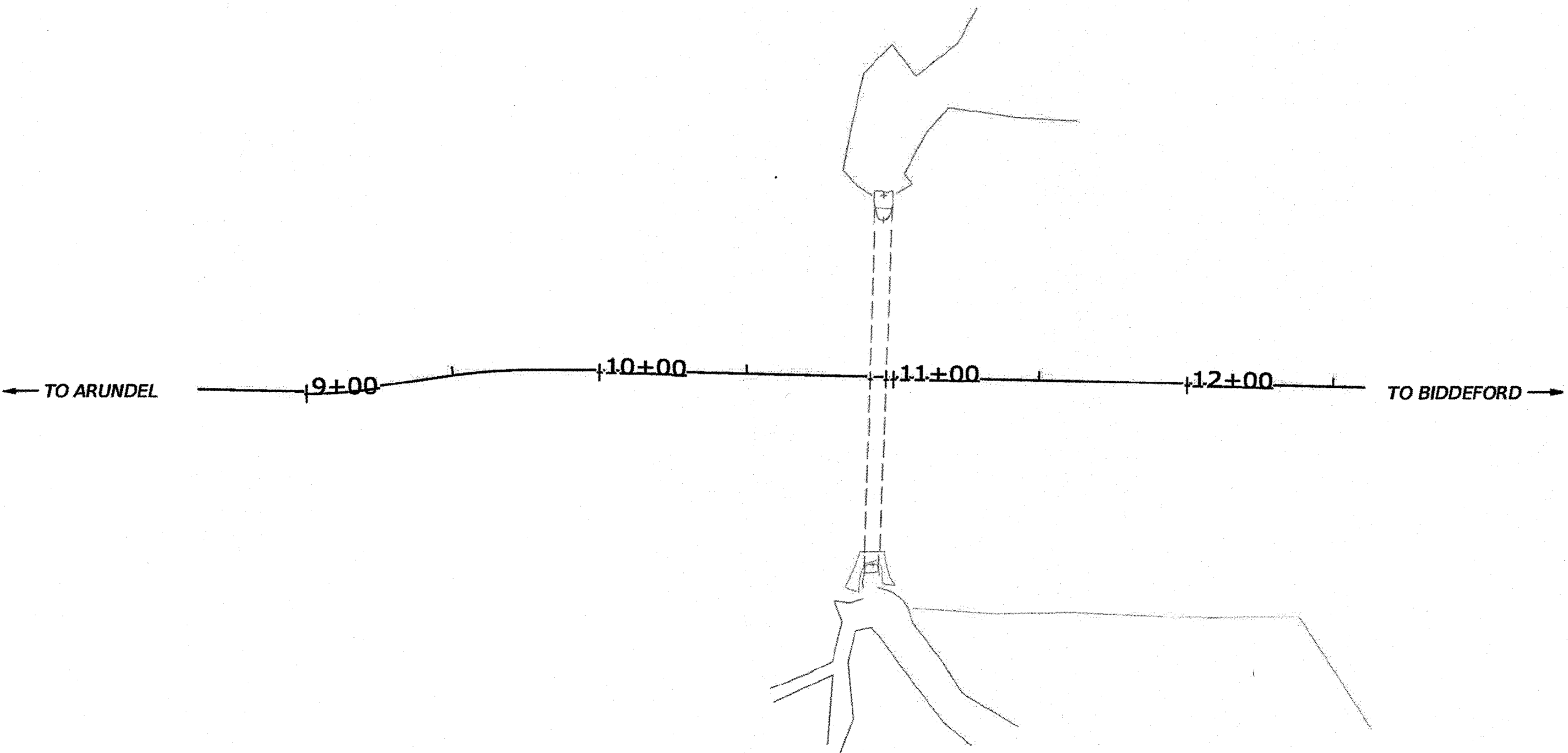
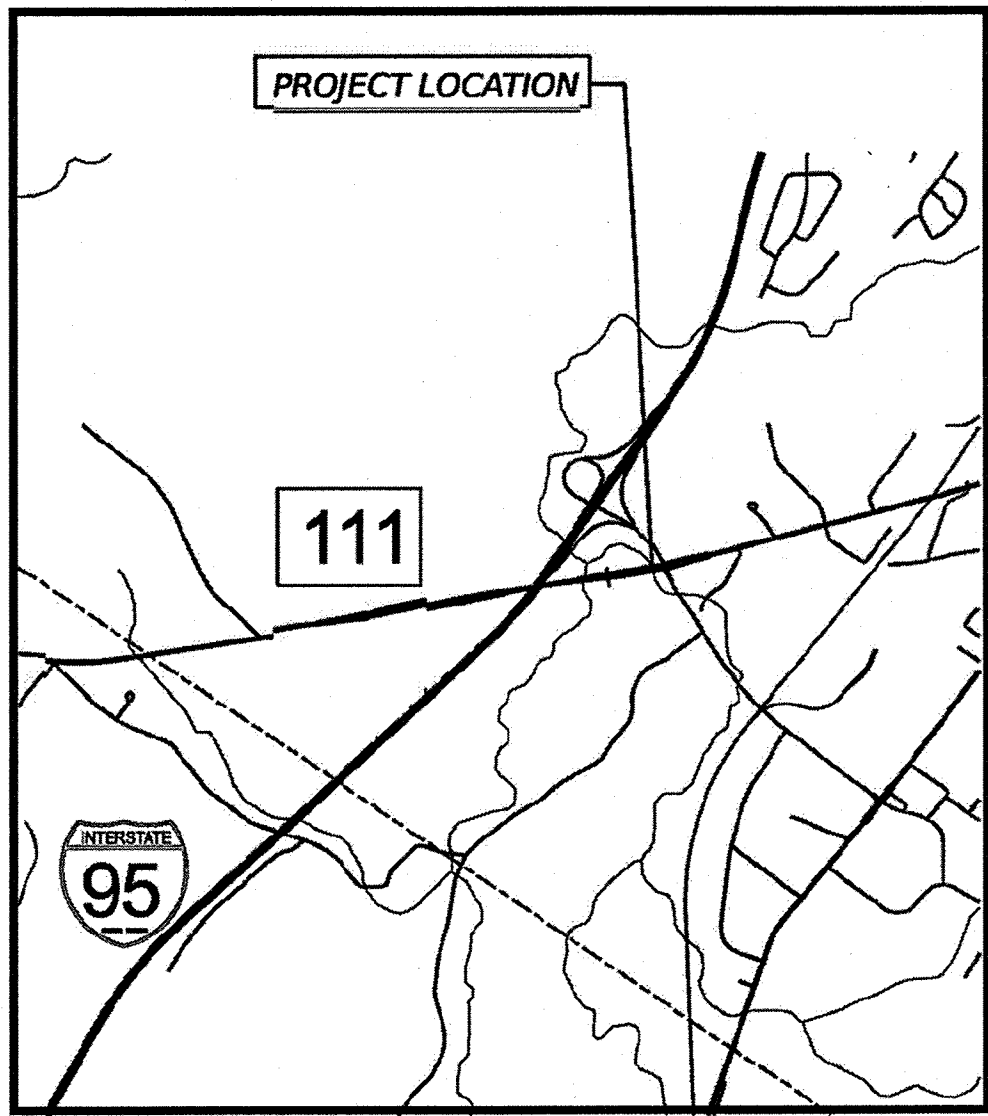


SIGNATURE	P.E. NUMBER	DATE
<i>[Signature]</i>	19390	8/16/26

PROJECT INFORMATION	REGIONAL PROGRAM
PROJECT MANAGER	RYAN HODGMAN
DESIGNER	INELIZ RJO
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

BIDDEFORD ROUTE 111 TITLE SHEET

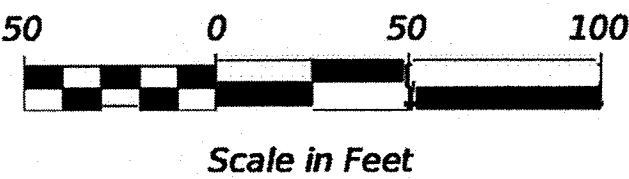
SHEET NUMBER
1
OF 4



TRAFFIC DATA

Current (2026) AADT	29260
Future (2038) AADT	31480
DHV - % of AADT	9%
Design Hour Volume	2799
% Heavy Trucks (AADT)	4%
% Heavy Trucks (DHV)	3%
Directional Distribution (DHV)	61%
18-kip Equivalent P 2.0	455
18-kip Equivalent P 2.5	434
Design Speed (mph)	35
Corridor Priority	1

LAYOUT SCALE



PROJECT LOCATION:

LARGE CULVERT SLIPLINE (LC-1088540), LOCATED ON ROUTE 111, 0.05 MILES WEST OF PRECOURT STREET.

PROGRAM AREA:

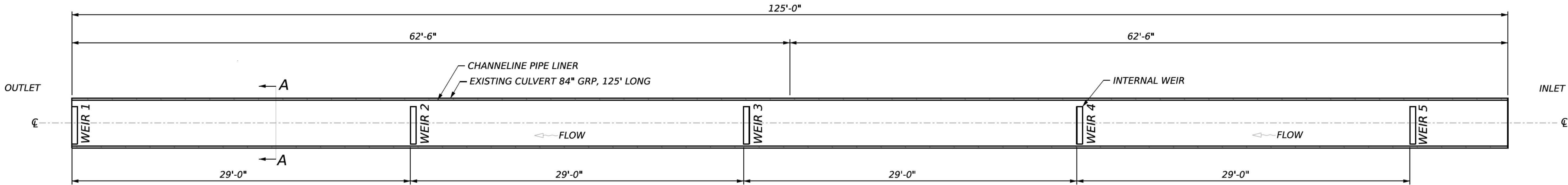
REGIONAL PROGRAM

SCOPE OF WORK:

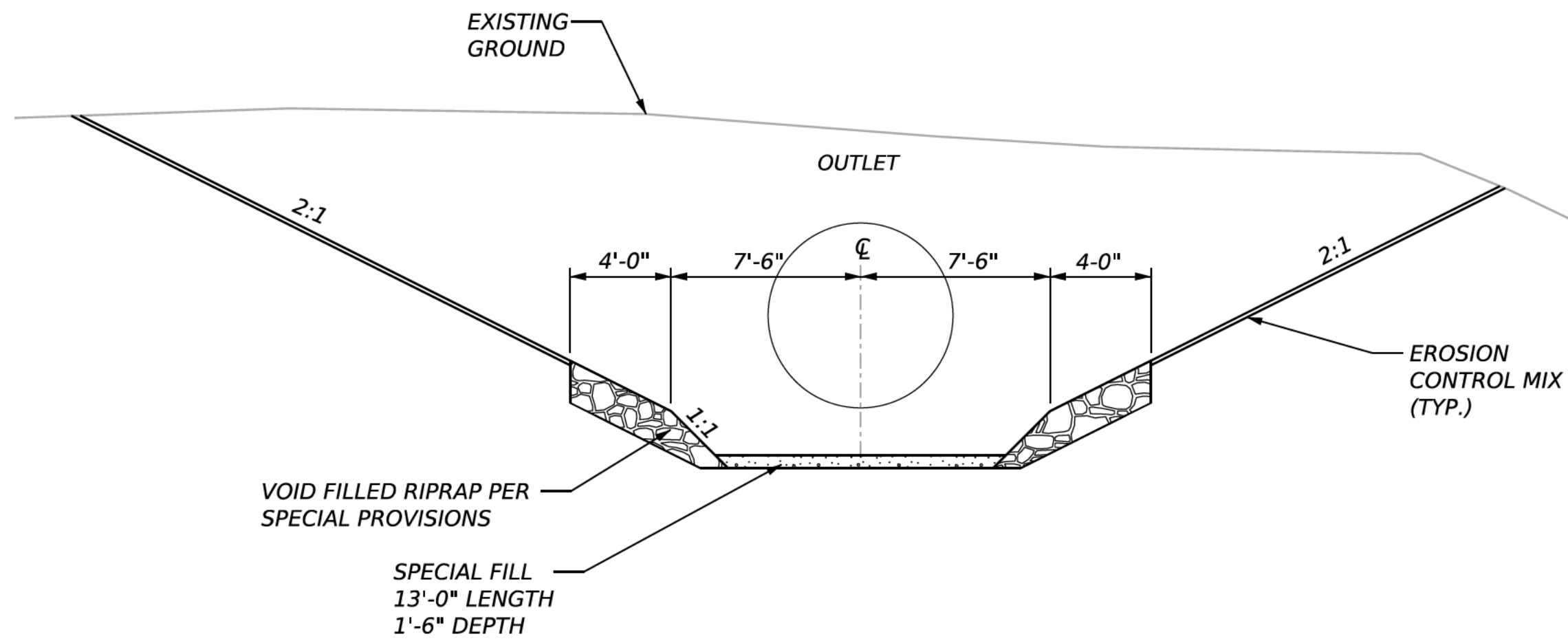
LARGE CULVERT REHABILITATION

FEDERAL PROJECT NUMBER 2814800

WIN 28148.00

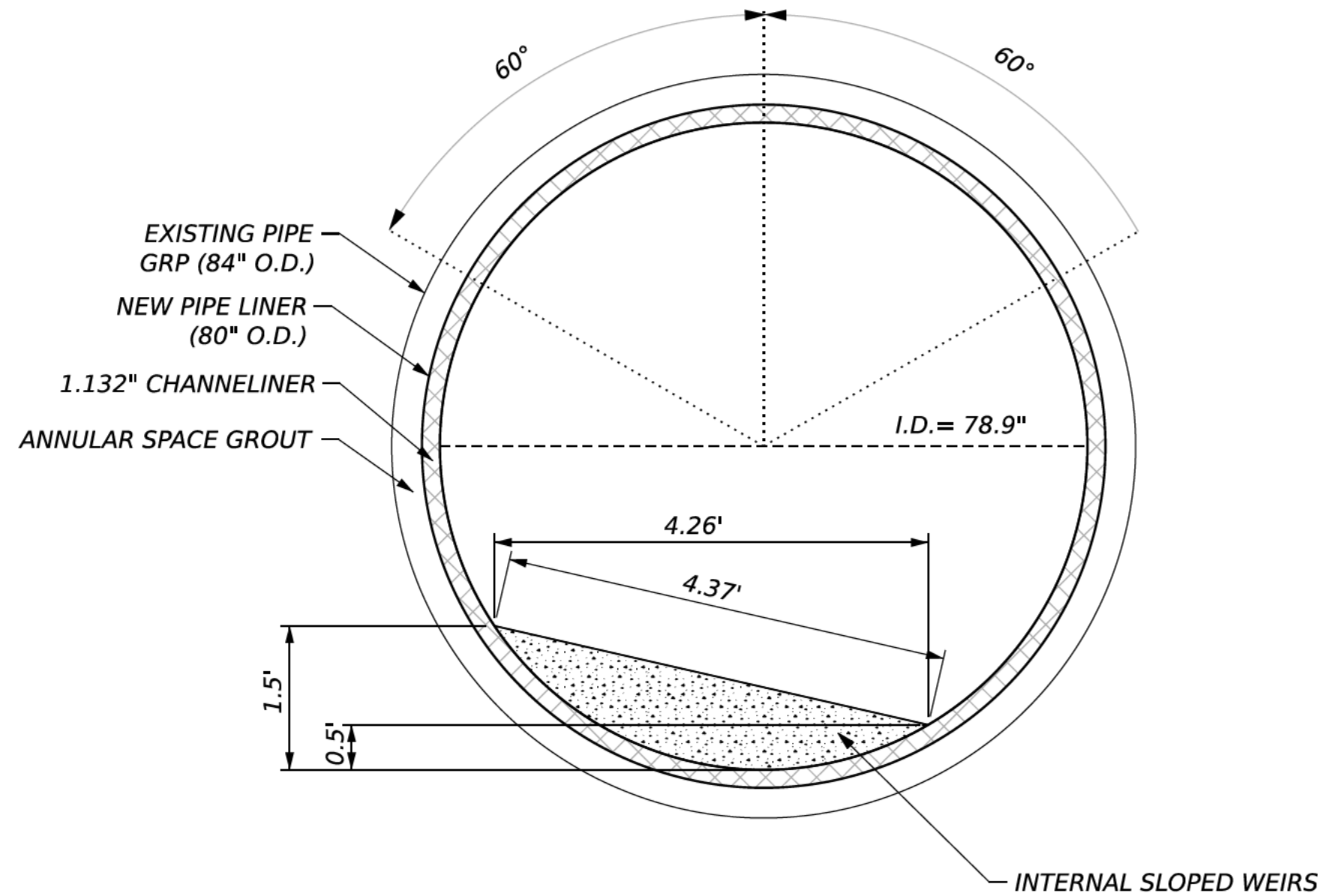


CHANNELINE LINER WITH WEIRS, D=80" * L=125FT (PLAN VIEW)
NOT TO SCALE

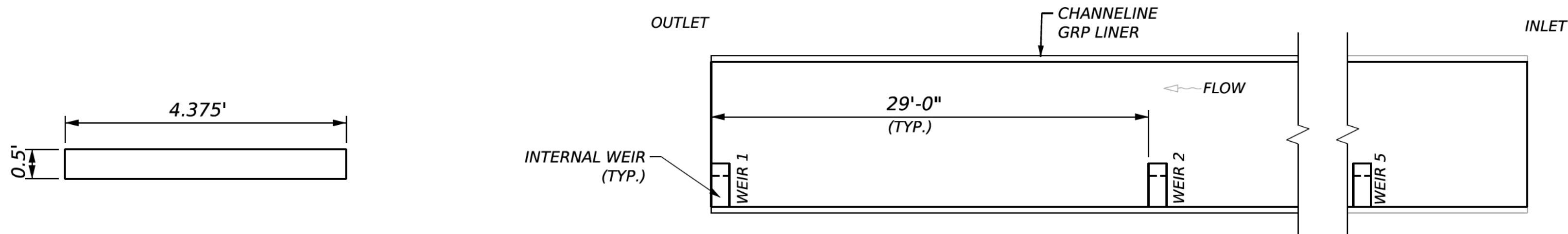


OUTLET DETAIL
NOT TO SCALE

LOOKING DOWNSTREAM



A-A: 80" O.D. CHANNELINE WITH WEIRS
NOT TO SCALE



WEIR TOP VIEW DETAIL
NOT TO SCALE

CHANNELINE LINER WITH WEIRS (PROFILE VIEW)
NOT TO SCALE

NOTES

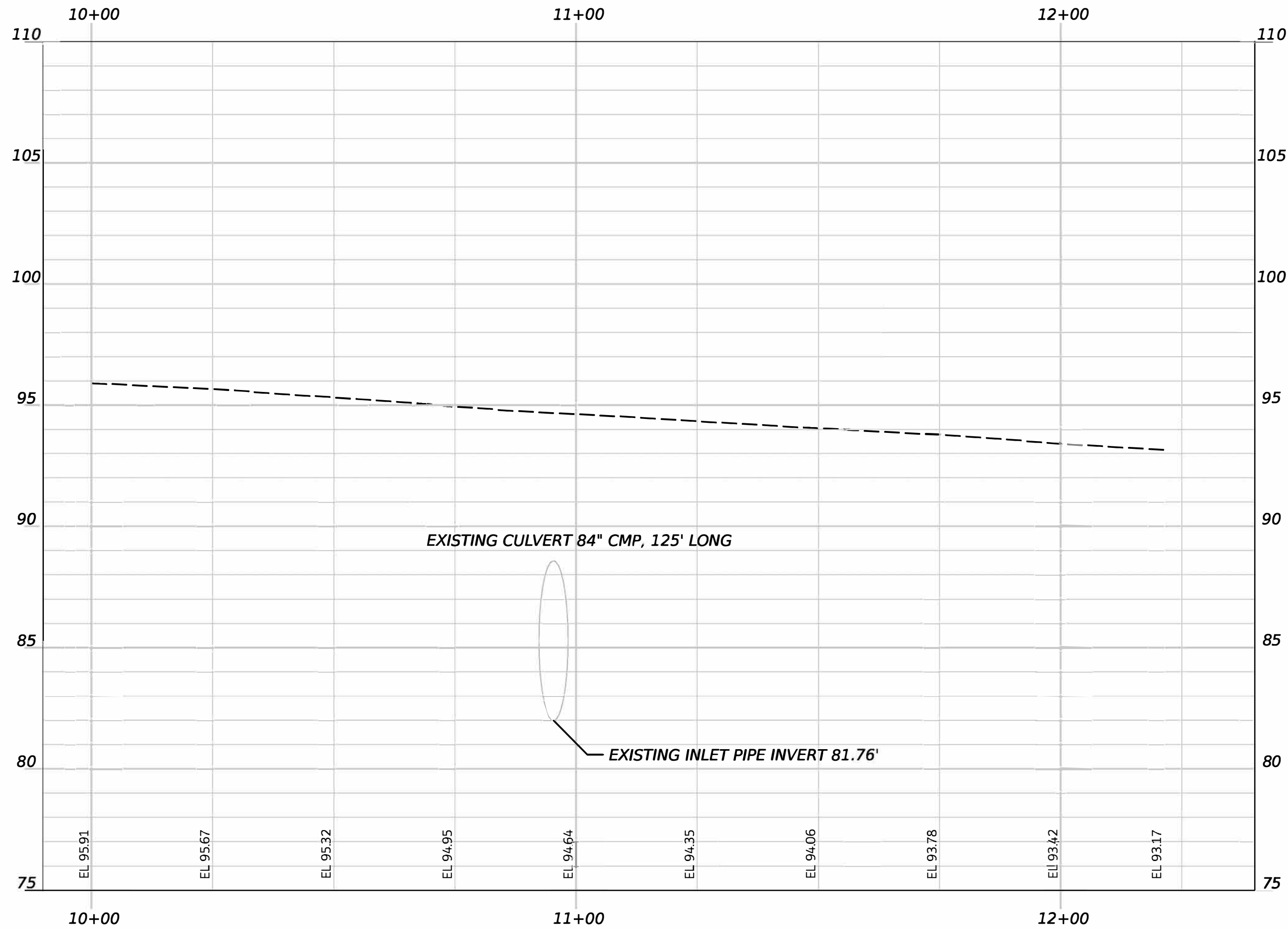
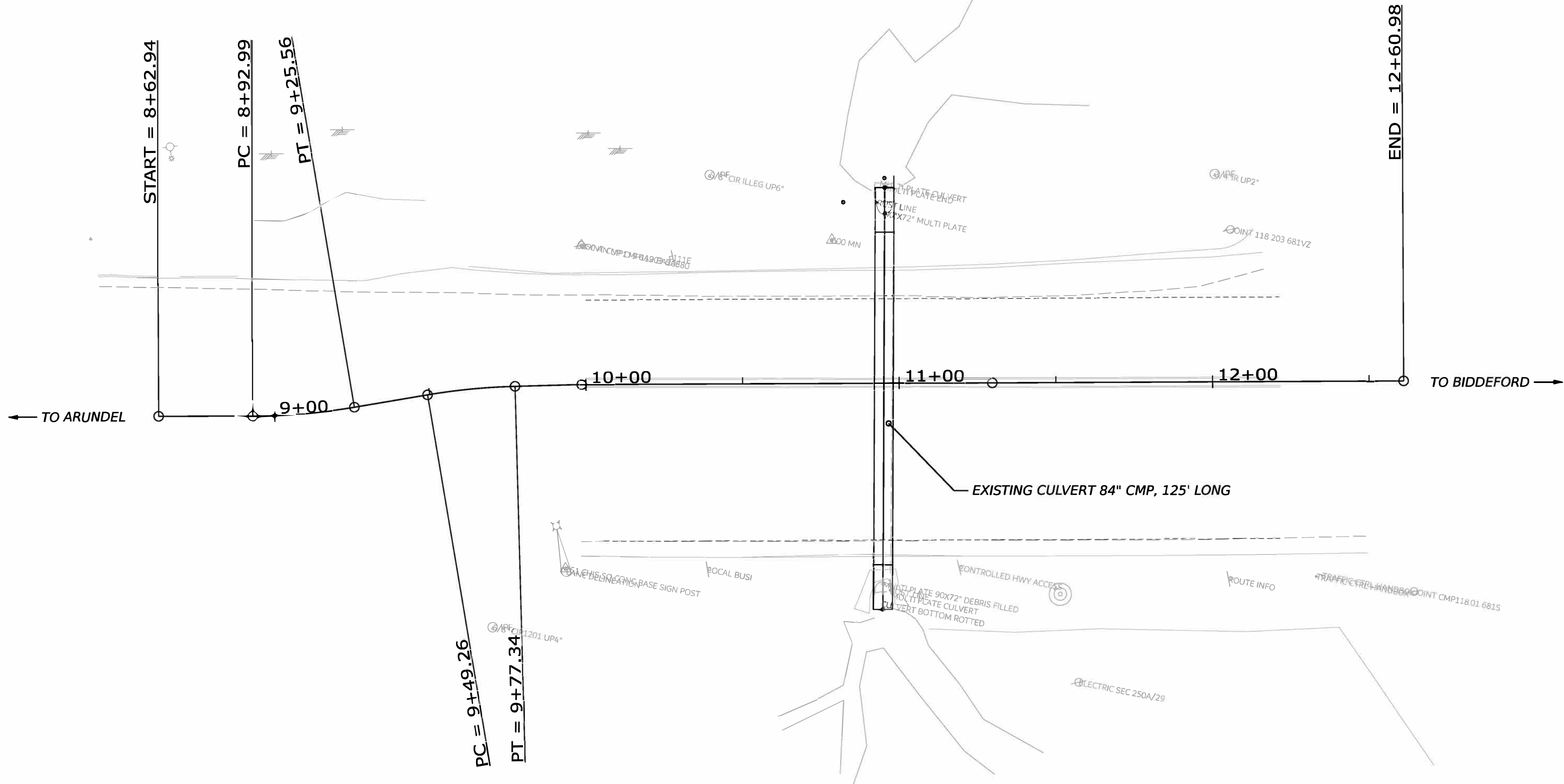
1. THE PROPOSED PIPE SHALL BE FABRICATED WITH INTEGRAL WEIRS
2. THE OUTLET WEIR SHALL BE FLUSH TO THE OUTLET. WEIRS SHALL NOT BE SET BACK FROM OUTLET.
3. THE DIMENSIONS SHOWN ON THE TYPICAL ARE APPROXIMATE.
4. THE SLIPLINE CULVERT SHALL BE FABRICATED WITH A TEXTURED BOTTOM THAT EXTENDS 1.5FT ABOVE THE INVERT
5. EXISTING INLET INVERT PIPE ELEVATION = 81.76'

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	2814800	WIN 28148.00	HIGHWAY PLANS
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PROJ. MANAGER	RYAN HODGMAN	BY	INELIZ RJO	DATE	12/19/2025
CHECKED/REVIEWED				SIGNATURE	
DESIGNED/DETAILD				P.E. NUMBER	
DESIGNED/DETAILD3				DATE	
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

BIDDEFORD
ROUTE 111
TYPICAL DETAIL

SHEET NUMBER
2
OF 4



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE P.E. NUMBER DATE				2814800 28148.00 HIGHWAY PLANS	
BIDDEFORD ROUTE 111		PRJ. MANAGER		BY		DATE	
		DESIGN-LEAD		INELIZ RJO		12/19/25	
PLAN / PROFILE		CHECKED-REVIEWED					
		DESIGN-LEAD					
SHEET NUMBER		REV 15 ON 1					
		REV 15 ON 2					
4 OF 4		REV 15 ON 3					
		REV 15 ON 4					
4 OF 4		F ELD CHANGES					