

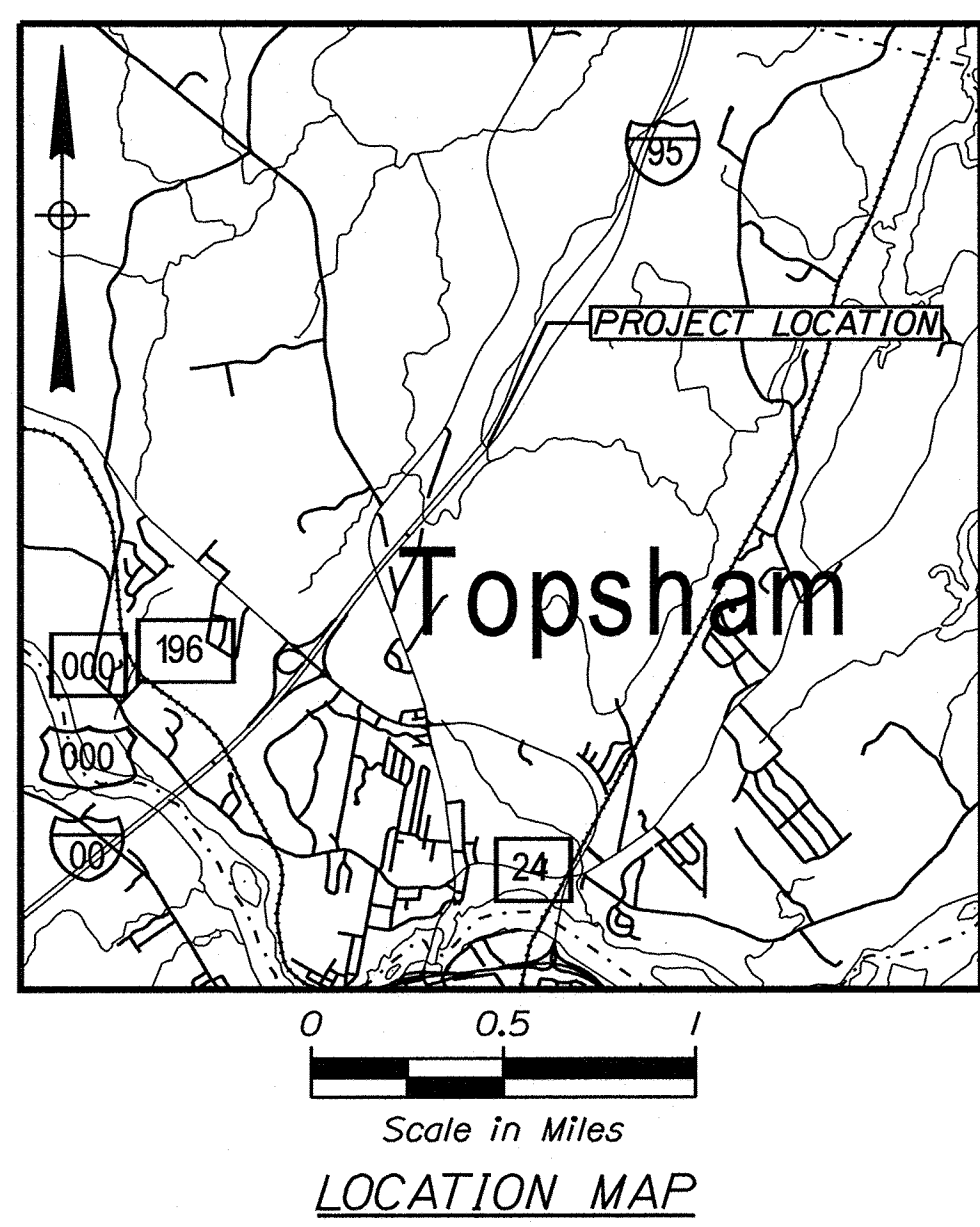
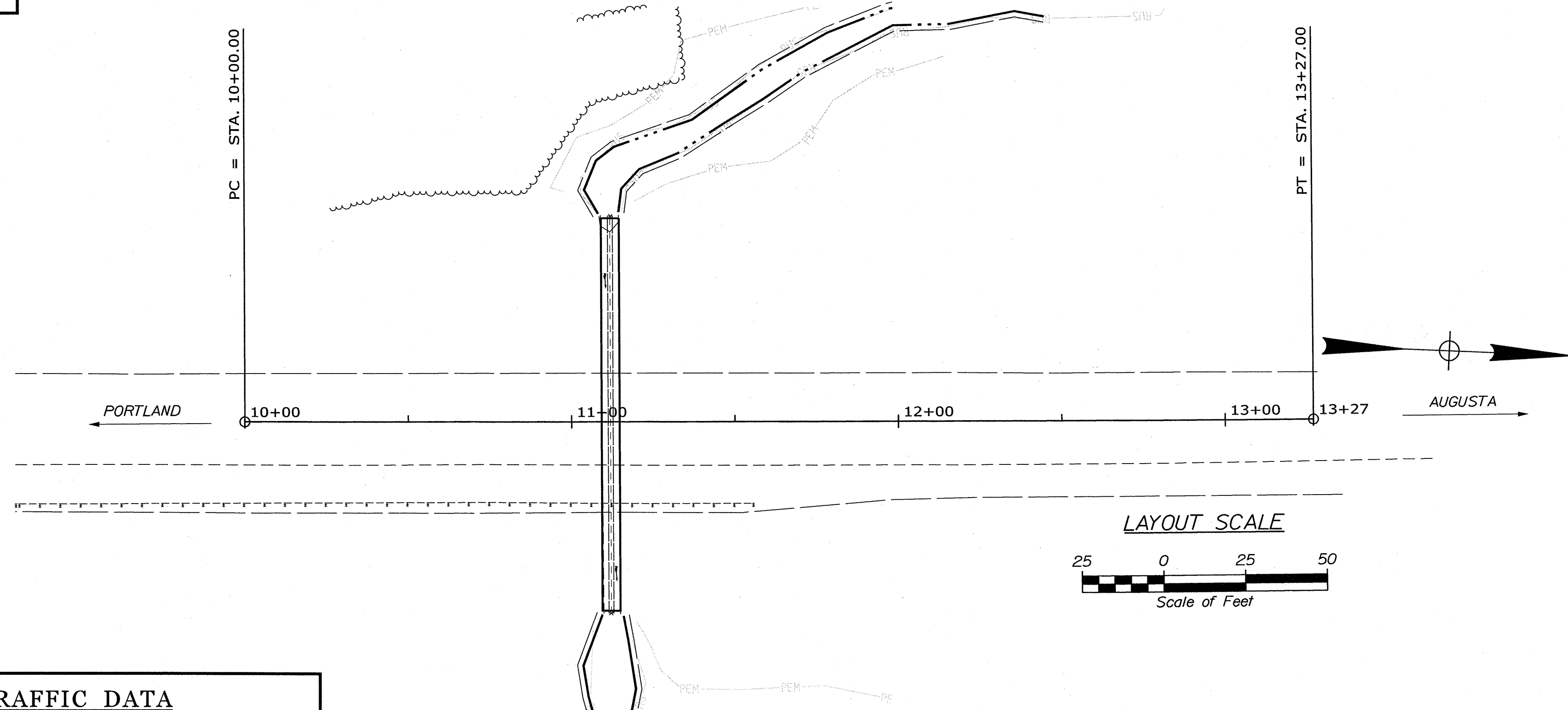
# STATE OF MAINE DEPARTMENT OF TRANSPORTATION



## TOPSHAM SAGADAHOC COUNTY INTERSTATE-295 NORTHBOUND STATE PROJECT NO. 25395.00 PROJECT LENGTH: 0.01 MILES

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	-----
Exposed Bedrock	-----
Buildings	-----
Trees Conifer	-----
Trees Deciduous	-----
Tree Line	-----
Clearing Limit Line	-----
Railroad	-----
Catch Basins	Existing $\square$ Proposed $\blacksquare$
Manholes	Existing $\circ$ Proposed $\bullet$
Proposed Underdrain	-----
Proposed Ditch	-----
Existing Ditch	-----
Utility Poles	Existing $\diamond$ Proposed $\blacklozenge$
Fire Hydrants	Existing $\odot$ Proposed $\oplus$
Existing Water Line	-----
Existing San. Sewer	-----
Existing San. Sewer Manhole	$\odot$
Guardrail-Existing	-----
Guardrail-Proposed	-----
Guardrail-Cable, Other	-----
Centerline-Existing	-----
Centerline-Proposed	-----
Travelway-Existing	-----
Travelway-Proposed	-----
Boring	HB-XXX-###
Pavement Core	PC-#
Test Pit	TP-XXX-###
Probe	P-#.X
	## = Depth
	X = W (Weathered Rock)
	R (Refusal)
	NR (No Refusal)

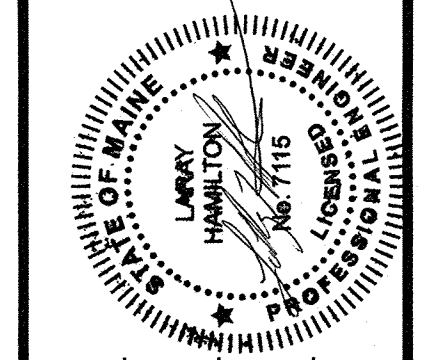
INDEX OF SHEETS	
Description	Sheet No.
Title Sheet	1
Estimated Quantities	2
General Notes	3
Special Details - Culvert Slupline	4
Plan / Profile	5
Cross Section	6



TRAFFIC DATA	
Current (2022) AADT	14780
Future (2034) AADT	15670
DHV - % of AADT	13
Design Hour Volume	2037
% Heavy Trucks (AADT)	12
% Heavy Trucks (DHV)	7
Directional Distribution (DHV)	100
18-kip Equivalent P 2.0	2052
18-kip Equivalent P 2.5	1955
Design Speed (mph)	70
Corridor Priority	1

<b>PROJECT LOCATION:</b>	LARGE CULVERT (#927086) LOCATED 1.26 MILES NORTH OF INTERSTATE 295 EXIT 31 ON-RAMP .
<b>PROGRAM AREA:</b>	REGIONAL PROGRAM
<b>SCOPE OF WORK:</b>	LARGE CULVERT REHABILITATION

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>	4-26-23
CHIEF ENGINEER: <i>[Signature]</i>	4-24-2023



SIGNATURE: <i>[Signature]</i>	P.E. NUMBER: 115	DATE: 3-20-2023
-------------------------------	------------------	-----------------

PROJECT INFORMATION	
PROGRAM	REGIONAL
PROJECT MANAGER	L. HAMILTON
DESIGNER	Y. SULTAN
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

WIN 25395.00 STATE PROJECT NO. 25395.00

TOPSHAM INTERSTATE-295 NB
TITLE SHEET

SHEET NUMBER <b>1</b> OF 6
----------------------------------

Date: 3/7/2023 Username: Yusuif Sultan Division: HIGHWAY

Filename: ...:\00\HIGHWAY\AMSTA\001\_Title.dgn



GENERAL NOTES

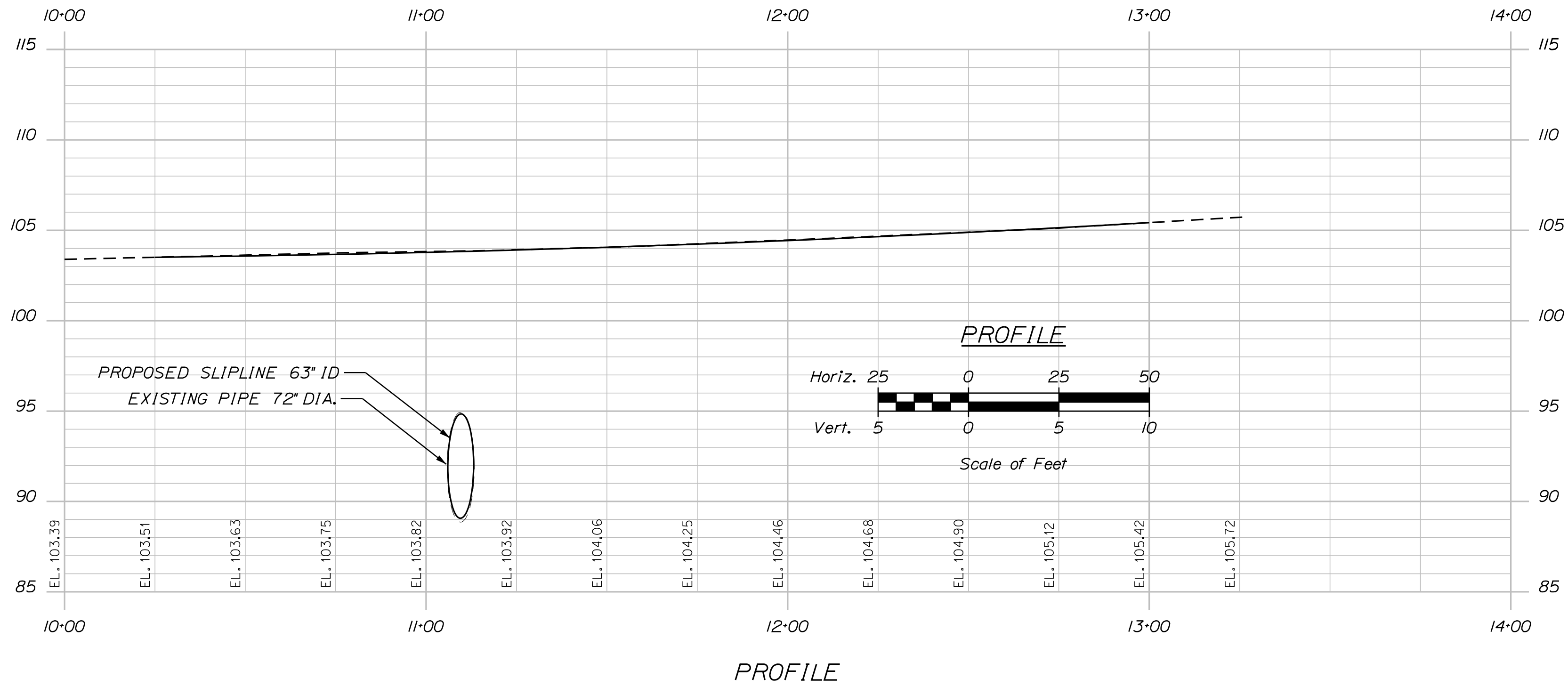
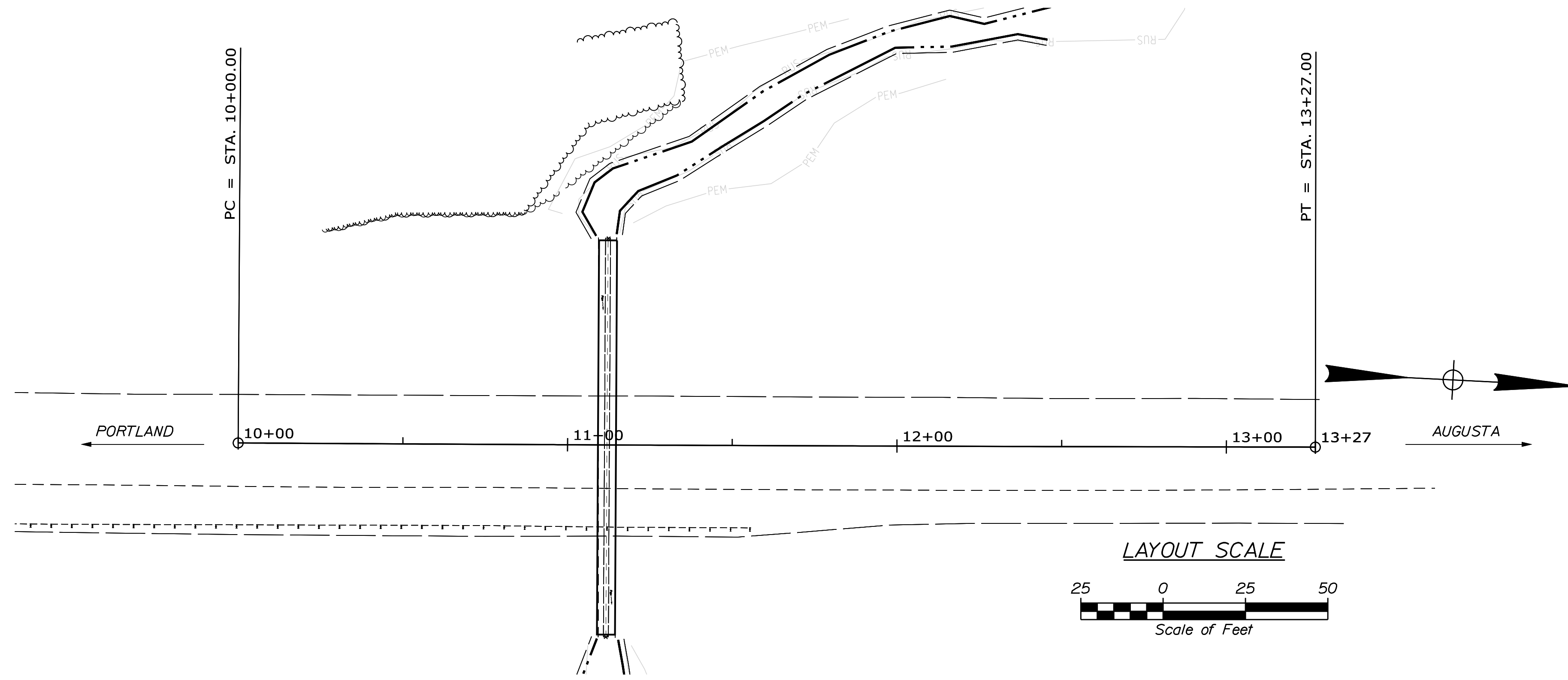
1. ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE RESIDENT.
2. THE CONTRACTOR SHALL PLAN AND CONDUCT THEIR WORK ACCORDINGLY SO THAT UPON COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF SHOULDER PAVEMENT.
3. 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.
4. GRANULAR BORROW USED TO BACKFILL IN LOW WET AREAS TO 1 FOOT ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL SPECIFIED IN STANDARD SPECIFICATION 703.19.
5. 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.
6. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
7. UNLESS OTHERWISE NOTED SEEDING METHOD NO. 1 SHALL BE UTILIZED ON ALL LAWNS AND DEVELOPED AREAS; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL OTHER AREAS.
8. 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.
9. 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.
10. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
11. 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.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
STATE PROJECT NO. 25395.00  
WIN  
025395.00  
HIGHWAY PLANS

PROJ. MANAGER	LARRY HAMILTON	BY	DATE
DESIGN-DETAILED	YUSUF SULTAN		
CHECKED-REVIEWED			SIGNATURE
DESIGN-DETAILED			P.E. NUMBER
DESIGN-DETAILED			DATE
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

TOPSHAM  
INTERSTATE-295 NB  
GENERAL NOTES

SHEET NUMBER  
**3**  
OF 6



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
NO. 25395.00  
WIN  
25395.00  
HIGHWAY PLANS

PROJ. MANAGER	L-HAMILTON	BY	DATE
DESIGN-DETAILED	Y.SULTAN		
CHECKED-REVIEWED			
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

TOPSHAM  
INTERSTATE I-295 NB  
PLANS/PROFILE

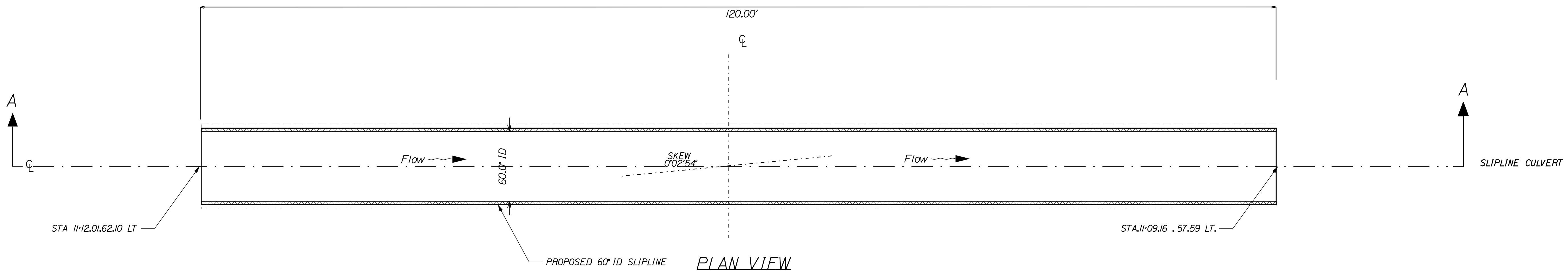
SHEET NUMBER  
**5**  
OF 6

Date: 3/7/2023

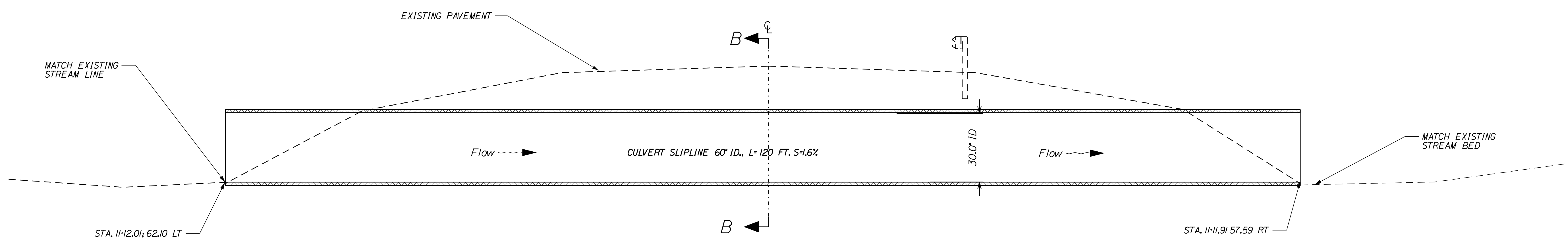
Username: Yusuf.Sultan

Division: HIGHWAY

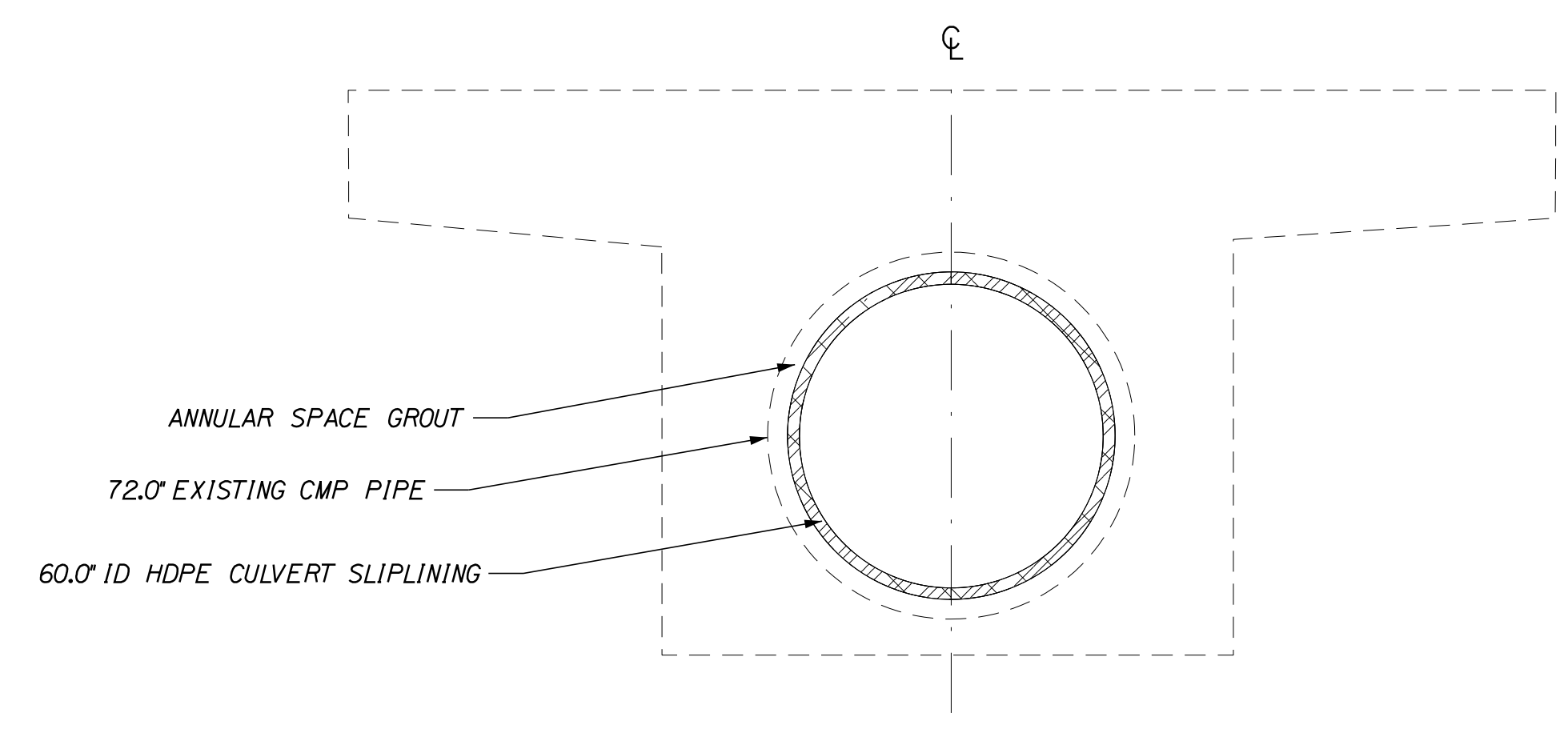
Filename: ... \SpecialDetail\_slipline Culvert.dgn



PLAN VIEW



TRANSVERSE SECTION A-A



CULVERT SLIPLINING SECTION B-B

NOTES

- 1. COFFERDAMS ARE TO BE PLACED AT BOTH THE DOWNSTREAM AND UPSTREAM ENDS OF THE EXISTING CULVERT TO ALLOW CONSTRUCTION OF THE CULVERT SLIPLINE IN THE DRY.
- 2. GROUT SHALL BE USED TO FILL THE ANNULAR SPACE AND BACKFILL VOIDS WILL BE PAID FOR UNDER SECTION 502, ANNULAR SPACE GROUTING.

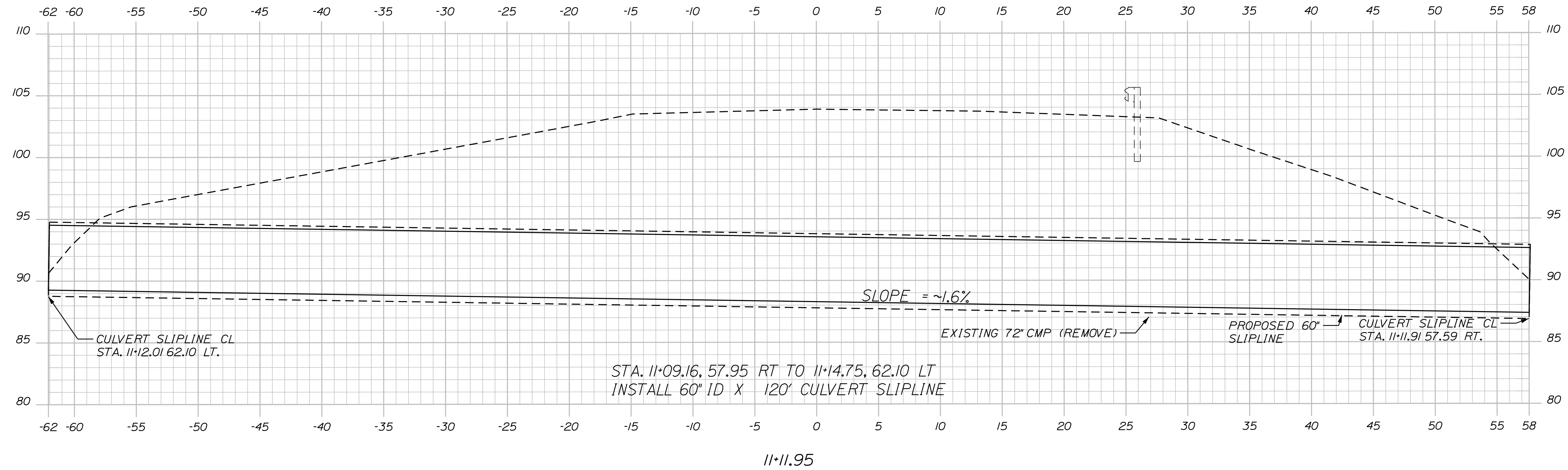
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2539500
WIN
025395.00

PROJ. MANAGER	LARRY HAMILTON	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN DETAILED	Y. SULTAN			XXX XXXX		
CHECKED/REVIEWED						
DESIGN DETAILED 2						
DESIGN DETAILED 3						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

TOPSHAM  
 INTERSTATE-295 NB  
 SPECIAL DETAIL  
 CULVERT SLIPLINE

SHEET NUMBER  
**4**  
 OF 6

NOT TO SCALE



STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
25339500  
WIN  
253995.00  
BRIDGE NO.

PROJ. MANAGER	L. HAMILTON	BY	DATE
CHECKED-DETAILED	Y. SULTAN	DESIGNER	PROJ DATE
DESIGN-DETAILED	DESIGNER	DESIGNER	PROJ DATE
DESIGN-DETAILED	DESIGNER	DESIGNER	PROJ DATE
REVISIONS 1		REVISION	DATE
REVISIONS 2		REVISION	DATE
REVISIONS 3		REVISION	DATE
REVISIONS 4		REVISION	DATE
FIELD CHANGES		REVISION	DATE

TOPSHAM  
INTERSTATE-295 NB  
CROSS SECTION

SHEET NUMBER  
**6**  
OF 6