

Date: 4/25/2024

Username:

Division:

Filename: 001_Title.dgn

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	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	Centerline-Existing		
Tree Line	Centerline-Proposed		
Clearing Limit Line	Travelway-Existing		
Railroad	Travelway-Proposed		
Boring	Probe	P-#.X	
Pavement Core			
Test Pit			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



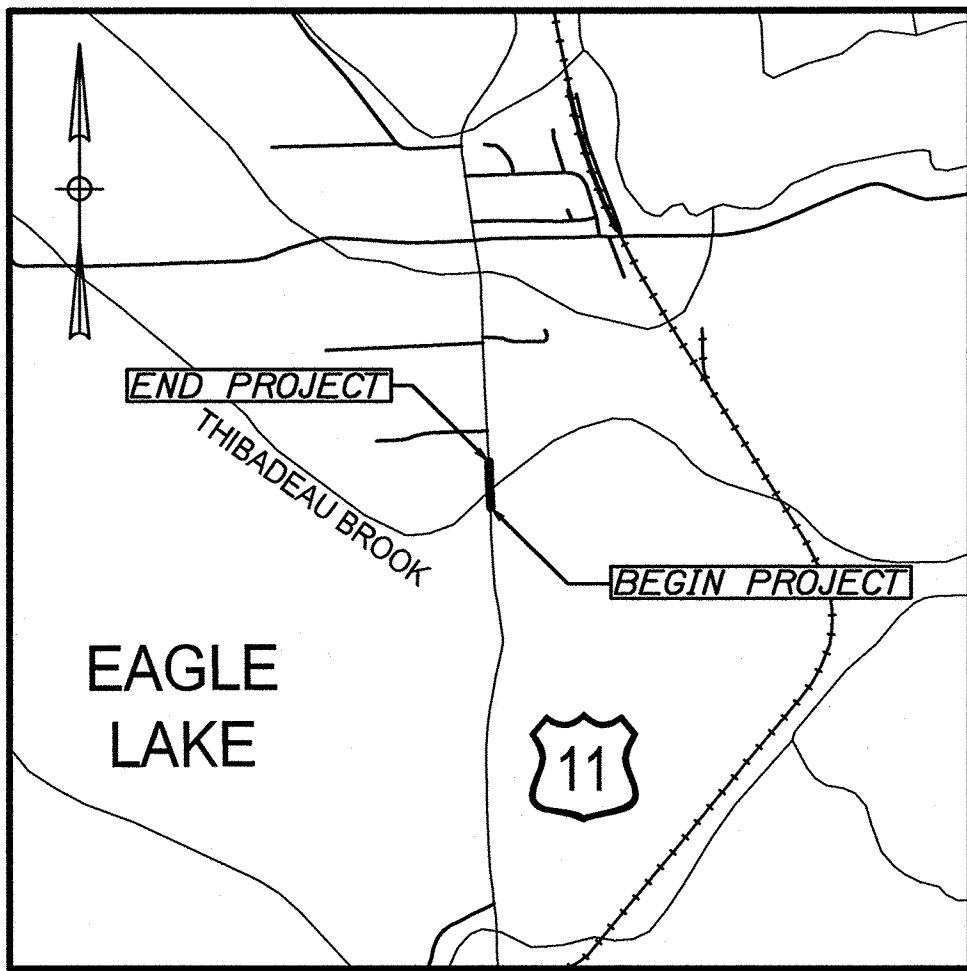
EAGLE LAKE
AROOSTOOK COUNTY
ROUTE 11

FEDERAL PROJECT NO. 02426700
PROJECT LENGTH : 0.019 MILES

HNTB

INDEX OF SHEETS

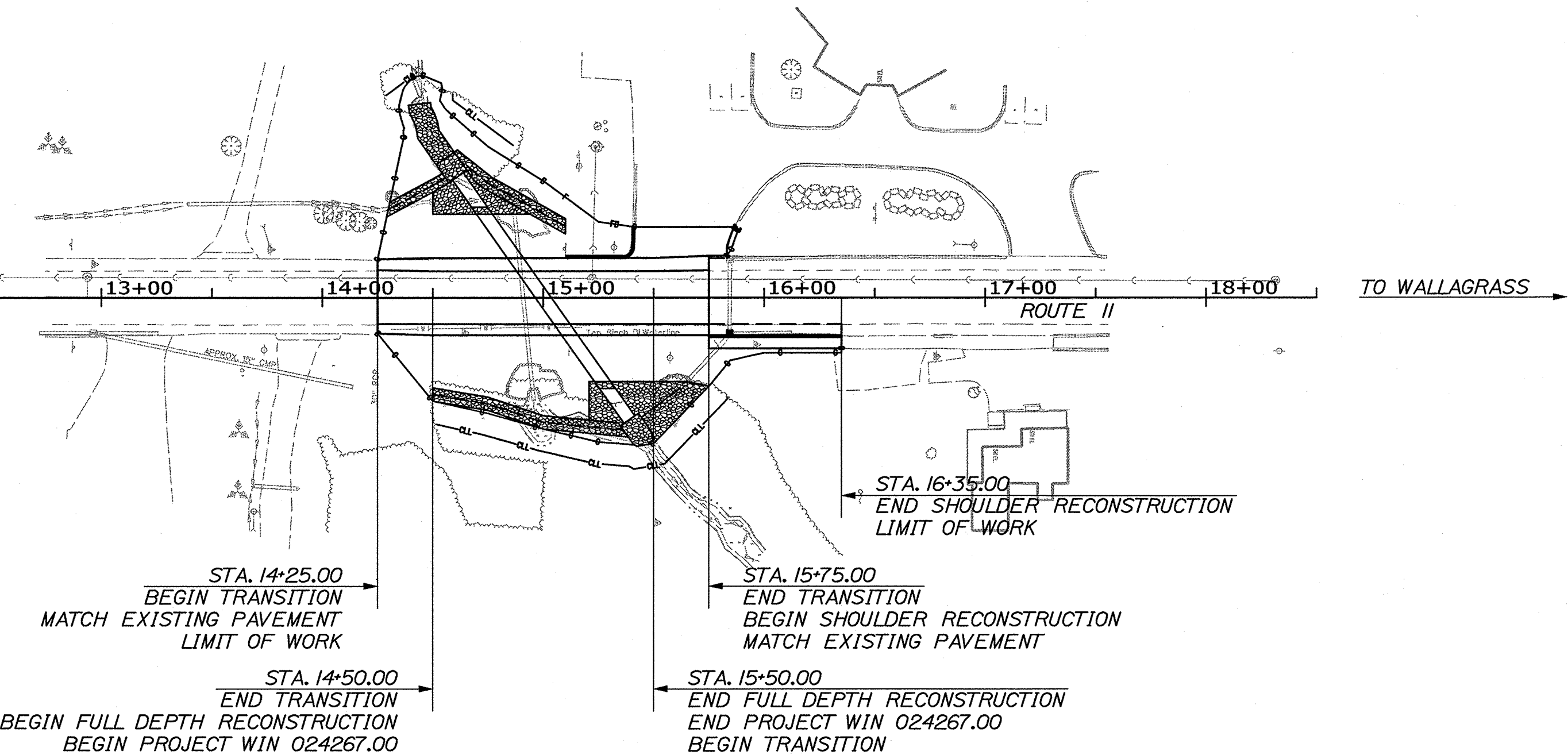
Description	Sheet No.
Title Sheet	1
Typical Sections, General Notes & Est. Quantities	2
Special Details	3
Boring Location Plan & Interpretive Subsurface Profile with Boring Logs	4
Plan / Profile	5
Cross Sections	6-12
Right Of Way Map	13



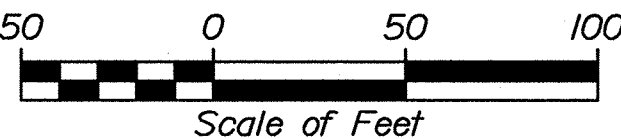
Scale in Miles
LOCATION MAP

TRAFFIC DATA

Current (2024) AADT	2490
Future (2044) AADT	2740
DHV - % of AADT	10%
Design Hour Volume	274
% Heavy Trucks (AADT)	13%
% Heavy Trucks (DHV)	12%
Directional Distribution (DHV)	63%
18 kip Equivalent P 2.0	298
18 kip Equivalent P 2.5	283
Design Speed (mph)	25
Corridor Priority	2



LAYOUT SCALE



PROJECT LOCATION:

In the town of Eagle Lake located 0.11 of a mile south of Makayla Drive

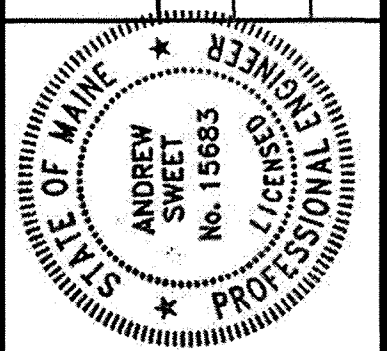
PROGRAM AREA:

Regional Program

OUTLINE OF WORK:

Large Culvert Replacement

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>[Signature]</i>		7-15-20
CHIEF ENGINEER: <i>[Signature]</i>		7-15-20



SIGNATURE	P.E. NUMBER	DATE
<i>[Signature]</i>	15683	4/24/24

PROJECT INFORMATION	PROGRAM	PROJECT MANAGER	DESIGNER	DESIGNER	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
	HIGHWAY	R. SOUCY	A. SWEET	HNTB			

EAGLE LAKE ROUTE 11 TITLE SHEET

SHEET NUMBER
1
OF 13

WIN 024267.00

Date:5/14/2024

Username:

Division:

Filename: 002_Typical.dgn

GENERAL NOTES

1. 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.
2. 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.
3. 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.
4. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE FILL SIDE SLOPES WITHOUT GUARDRAIL UNLESS OTHERWISE NOTED ON THE PLANS.
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 SPECIFICATIONS ITEM 703.19, GRANULAR BORROW.
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. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 3 INCHES OF HOT MIX ASPHALT AND 11 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.
10. A 3-FOOT PAVED LIP SHALL BE PLACED AT ALL UNPAVED ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
11. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING (OR MILLING) SHALL BE INCIDENTAL TO THE RELATED PAVING (OR MILLING) ITEMS.THIS INCLUDES KILLING AND REMOVAL OF ALL VEGETATIVE MATTER.
12. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.
13. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
14. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
15. A DELINEATOR POST (STANDARD SPECIFICATIONS ITEM 606.356, UNDERDRAIN DELINEATOR POST) WILL BE INSTALLED AT EACH END OF EACH RUN OF BITUMINOUS CURB.
16. BACKING UP BITUMINOUS OR CONCRETE SLIPFORM CURB IS INCIDENTAL TO THE CURB ITEMS.IN AREAS WHERE NEW BITUMINOUS OR CONCRETE SLIPFORM CURB IS DESIGNATED TO REPLACE EXISTING,THE REMOVAL OF THE OLD BITUMINOUS OR CONCRETE SLIPFORM CURB SHALL BE INCIDENTAL TO THE NEW CURB,IF CALLED FOR ON THE PLANS OR DIRECTED BY THE RESIDENT,LOAM OR DIRTY BORROW WILL BE PAID FOR SEPARATELY.
17. 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.
18. UNLESS OTHERWISE NOTED SEEDING METHOD NO.1 SHALL BE UTILIZED ON ALL LAWSN AND DEVELOPED AREAS;SEEDING METHOD NO.2 SHALL BE UTILIZED ON ALL OTHER AREAS.
19. 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.
20. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE.PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT
21. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING OPERATIONAL BUSINESS DIRECTIONAL SIGNS (OBDS) TO ENSURE THAT THEY ARE VISIBLE TO THE TRAVELING PUBLIC.PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
22. 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.
23. THE PROJECT GEOTECHNICAL REPORT TITLED "GEOTECHNICAL DESIGN REPORT FOR THE REPLACEMENT OF CROSS CULVERT XC-941218", SOILS REPORT 2024-14, MAY 8, 2024 CAN BE ACCESSSED AT THE MAINEDOT WEBSITE [HTTP://WWW.MAINE.GOV/JMDOT/CONTRACTORS/](http://www.maine.gov/jmdot/contractors/).
24. AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION,DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.

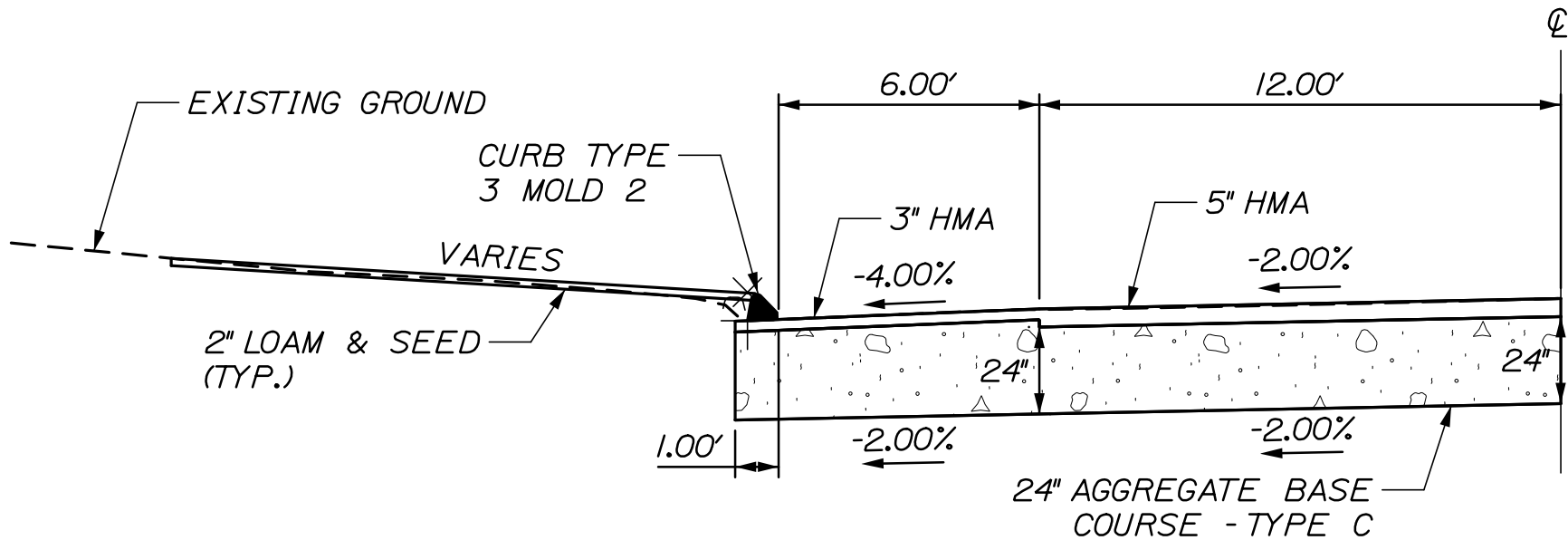
GENERAL NOTES (CONT)

25. 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 CONCLUSIONS 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.
26. 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.
27. 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.
28. UNDETERMINED LOCATIONS SHALL BE DETERMINED BY THE RESIDENT.
29. 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.

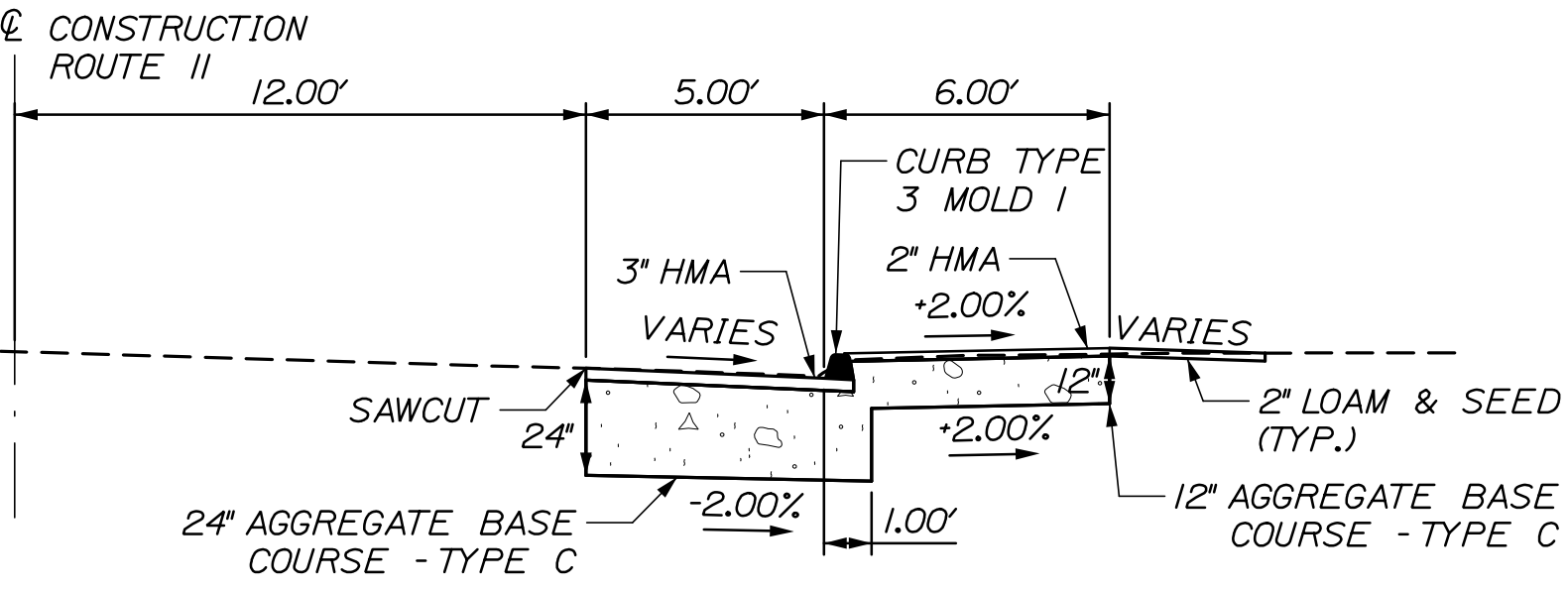
TYPICAL FULL CONSTRUCTION NOTES:

1. THE PAVEMENT,BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER,THE LOW SIDE SHOULDERS PAVEMENT SHALL HAVE THE SAME CROSS SLOPE AS THE TRAVEL WAY.
3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF BASE AND PAVEMENT SHALL BE STRAIGHT.
4. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 2 INCH LOAM OR DIRTY BORROW DEPTH.THE ACTUAL DEPTH MAY VARY.SEE THE GENERAL NOTES.
5. THE ALGEBRAIC DIFFERENCE BETWEEN SHOULDER AND TRAVEL LANE CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
6. THE STATIONING UNDER THE TYPICAL IS APPROXIMATE.

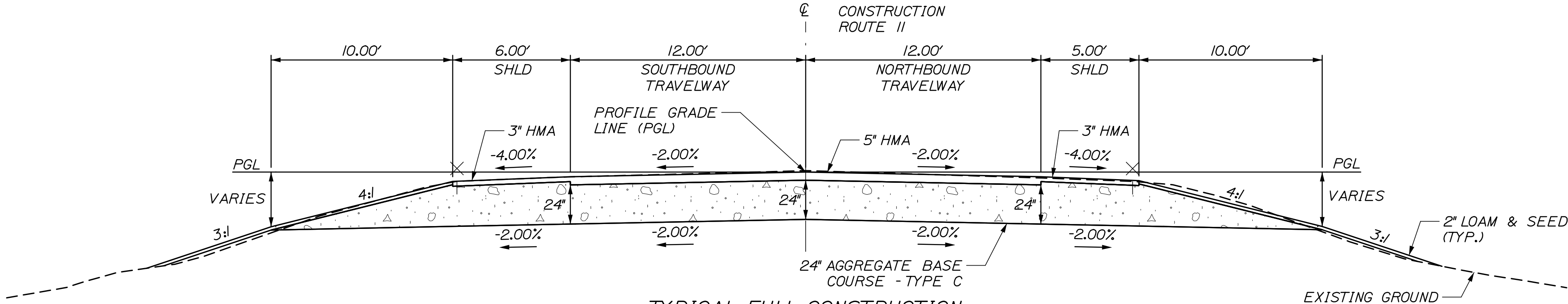
ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	UNIT	QUANTITY
			WIN 024267.00 ROUTE 11
203.20	COMMON EXCAVATION	CY	1100
203.25	GRANULAR BORROW	CY	200
206.061	STRUCTURAL EARTH EXCAVATION - DRAINAGE & MINOR STRUCTURES BELOW GRADE	CY	25
304.16	AGGREGATE BASE COURSE - TYPE C	CY	510
403.2081	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE (POLYMER MODIFIED)	T	52
403.209	HOT MIX ASPHALT 9.5 MM NOMINAL MAXIMUM SIZE (SIDEWALKS, DRIVES, ISLANDS & INCIDENTALS)	T	16
403.213	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE (BASE AND INTERMEDIATE BASE COURSE)	T	100
409.15	BITUMINOUS TACK COAT, APPLIED	G	50
511.07	COFFERDAM: UPSTREAM	LS	1
511.07	COFFERDAM: DOWNSTREAM	LS	1
526.301	PORTABLE CONCRETE BARRIER, TYPE 1 (410 LF)	LS	1
527.34	WORK ZONE CRASH CUSHIONS	UN	4
603.279	72 INCH CULVERT PIPE OPTION III (POLYMER COATED GALVANIZED CORRUGATED STEEL PIPE)	LF	135
604.164	REBUILDING CATCH BASIN	EA	1
606.356	UNDERDRAIN DELINEATOR POST	EA	3
609.31	CURB TYPE 3	LF	110
610.08	PLAIN RIPRAP	CY	175
615.07	LOAM	CY	63
618.13	SEEDING METHOD NUMBER 1	UN	1
618.14	SEEDING METHOD NUMBER 2	UN	9
619.12	MULCH	UN	10
620.58	EROSION CONTROL GEOTEXTILE	SY	460
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	LF	450
629.05	HAND LABOR, STRAIGHT TIME	HR	10
631.10	AIR COMPRESSOR (INCLUDING OPERATOR)	HR	10
631.11	AIR TOOL (INCLUDING OPERATOR)	HR	10
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	HR	10
631.172	TRUCK-LARGE (INCLUDING OPERATOR)	HR	10
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	HR	10
631.32	CULVERT CLEANER (INCLUDING OPERATOR)	HR	10
639.19	FIELD OFFICE, TYPE B	EA	1
643.72	TEMPORARY TRAFFIC SIGNAL: ROUTE 11	LS	1
652.33	DRUM	EA	25
652.34	CONE	EA	25
652.35	CONSTRUCTION SIGNS	SF	250
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	CD	65
652.38	FLAGGERS	HR	450
652.61	STAGED CONSTRUCTION AND TRAFFIC CONTROL	LS	1
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LS	1
659.10	MOBILIZATION	LS	1
825.68	WATER LINE MODIFICATIONS (SPECIFIC TO WATER SCOPE)	LS	1
825.69	SEWER LINE MODIFICATIONS (SPECIFIC TO SEWER SCOPE)	LS	1



TYPICAL CURBING CONSTRUCTION



TYPICAL SIDEWALK CONSTRUCTION



TYPICAL FULL CONSTRUCTION

AGGREGATE BASE COURSE - TYPE C		
LEFT SHOULDER VARIES CY/100 LF	12 FT. TRAVEL LANES 177.78 CY/100 LF	RIGHT SHOULDER VARIES CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION
14+50.00 TO 15+50.00 LT	14+50.00 TO 15+50.00	14+50.00 TO 15+50.00 RT

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02426700

WIN
024267.00
HIGHWAY PLANS

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

DATE
04/24
04/24

BY
D. BURTON
R. HANE

SIGNATURE

P.E. NUMBER

DATE

EAGLE LAKE
ROUTE 11

TYPICAL SECTION, GENERAL
NOTES & EST. QUANTITIES

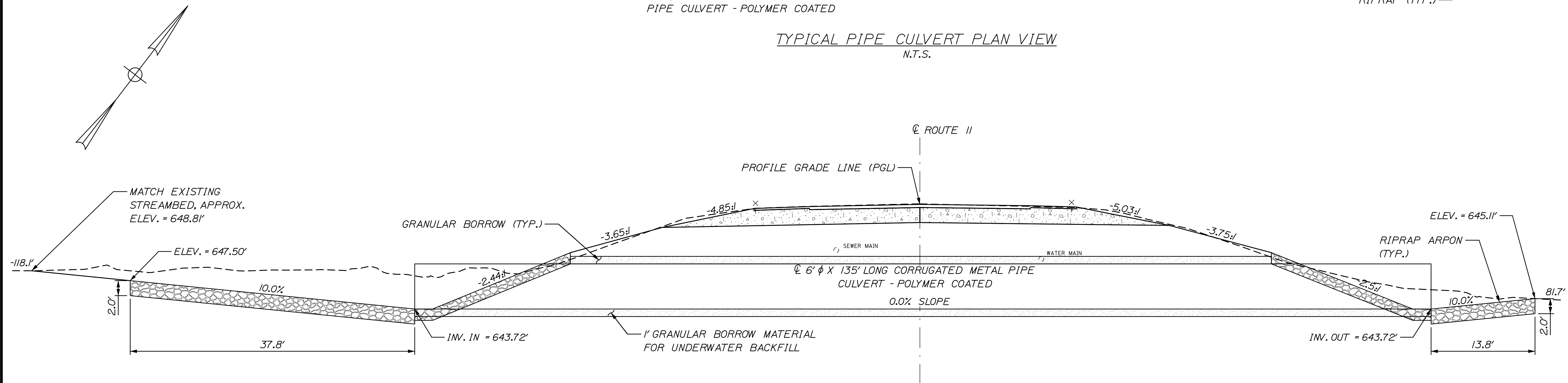
SHEET NUMBER

2

OF 13

HNTB

Filename: 003_SpecialDetail.dgn



6' ϕ X 135' LONG CORRUGATED METAL
PIPE CULVERT - POLYMER COATED

BASE COURSE - TYPE C

GRANULAR BORROW

PROFILE GRADE
LINE (PGL)

FINISHED GRADE

5" HMA

1.0' (TYP.)

BACKSLOPING TO
COMPLY WITH OSHA
STANDARDS (TYP.)

BACKFILL WITH
EXCAVATED MATERIAL
(TYP.)

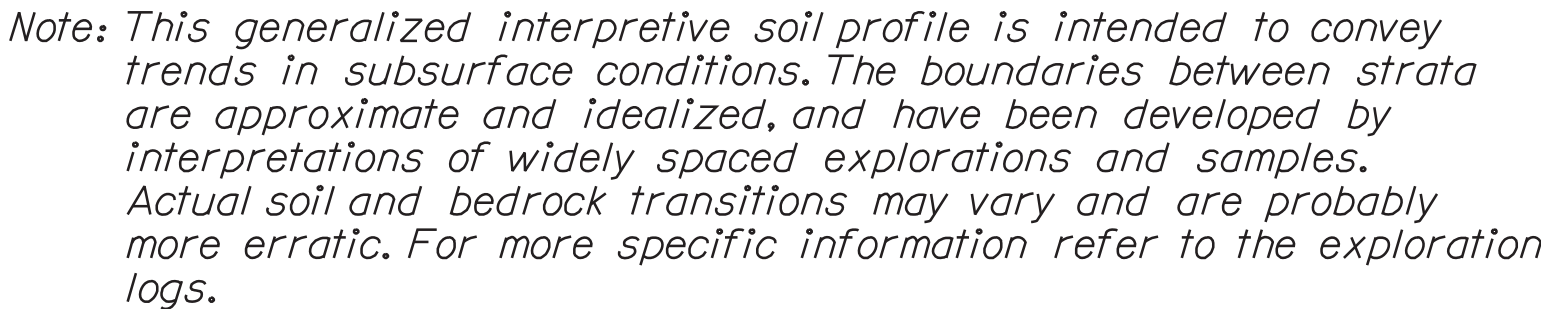
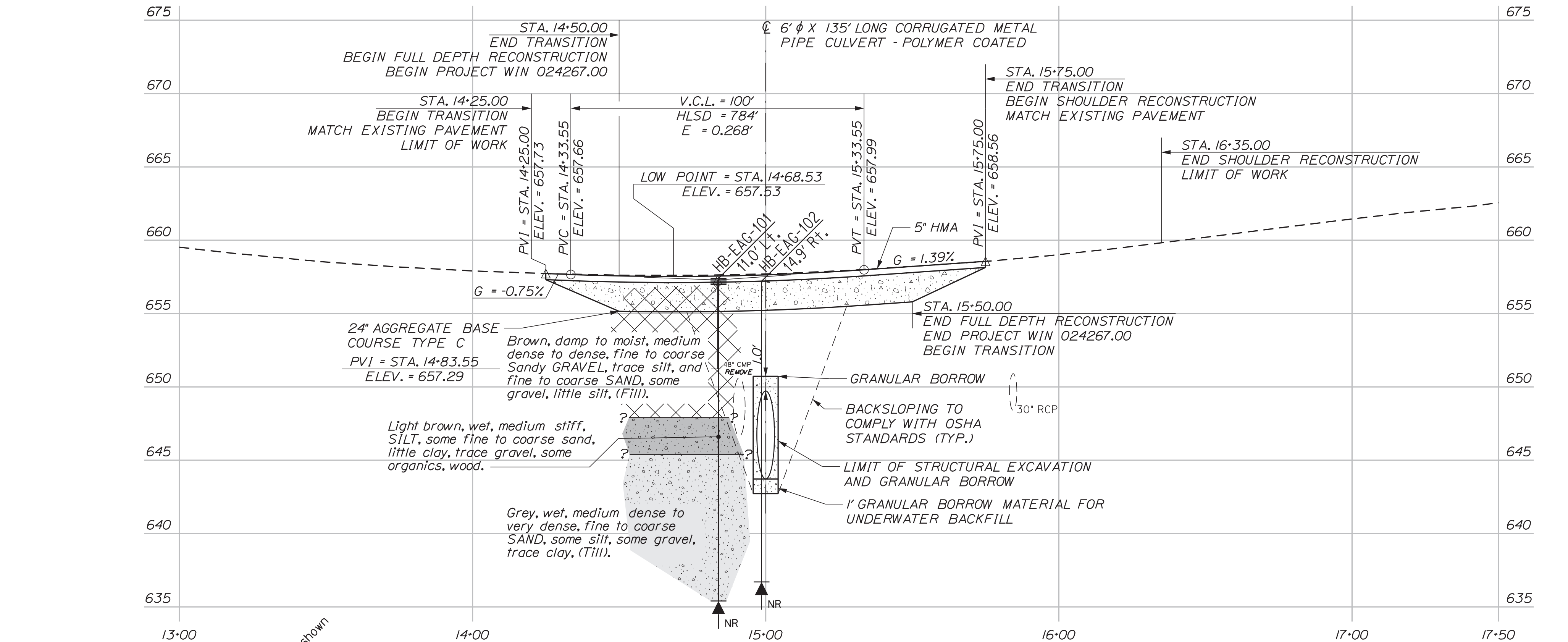
1.25' (TYP.)

1' GRANULAR BORROW MATERIAL
FOR UNDERWATER BACKFILL

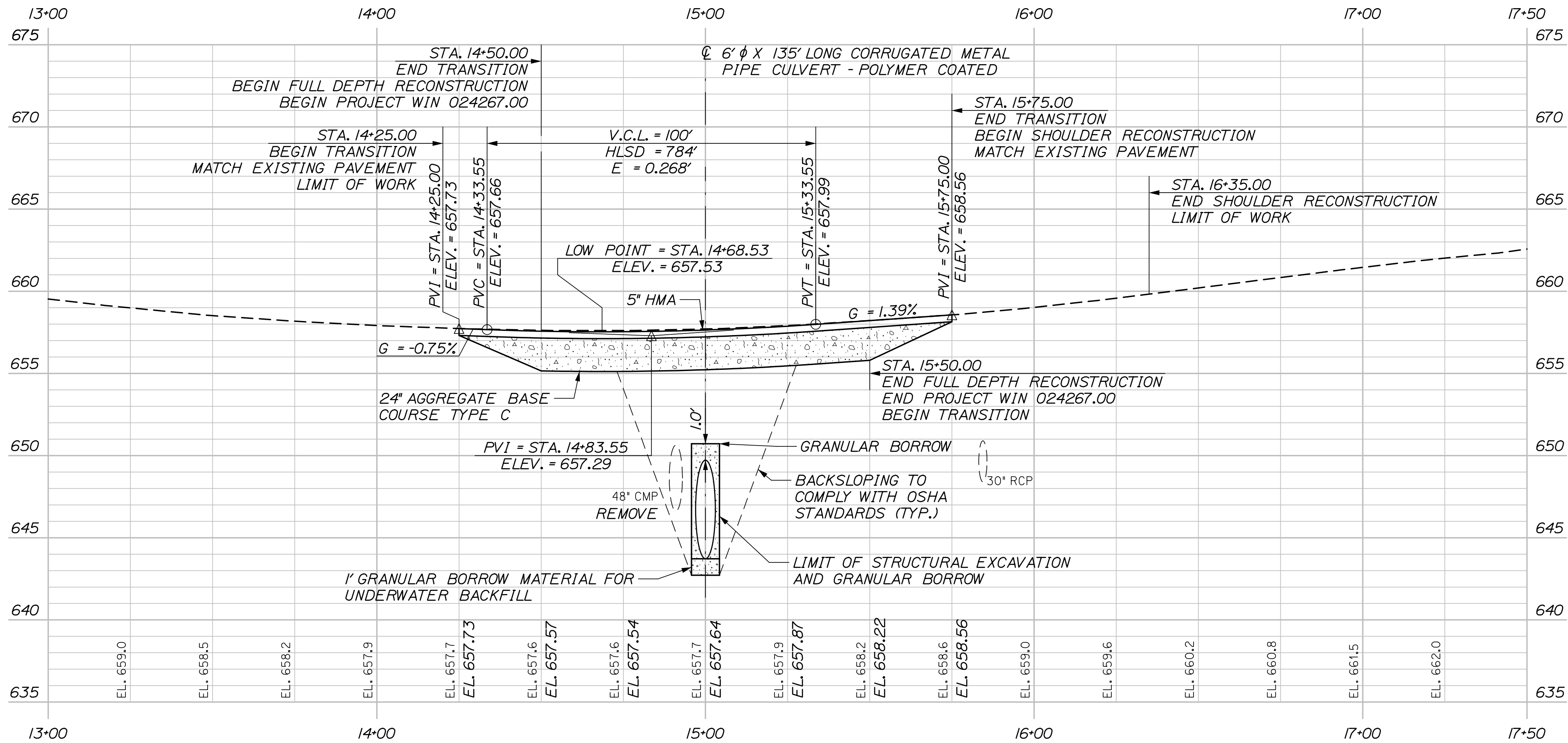
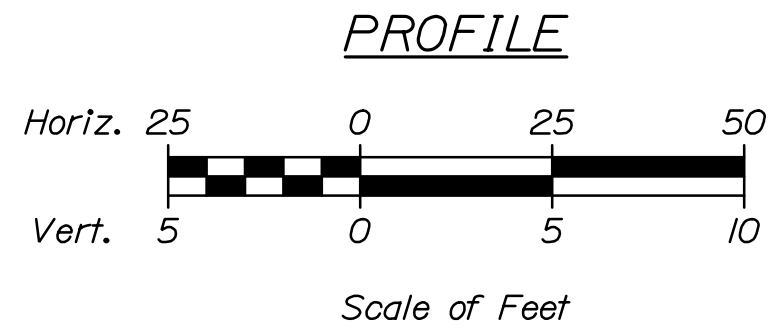
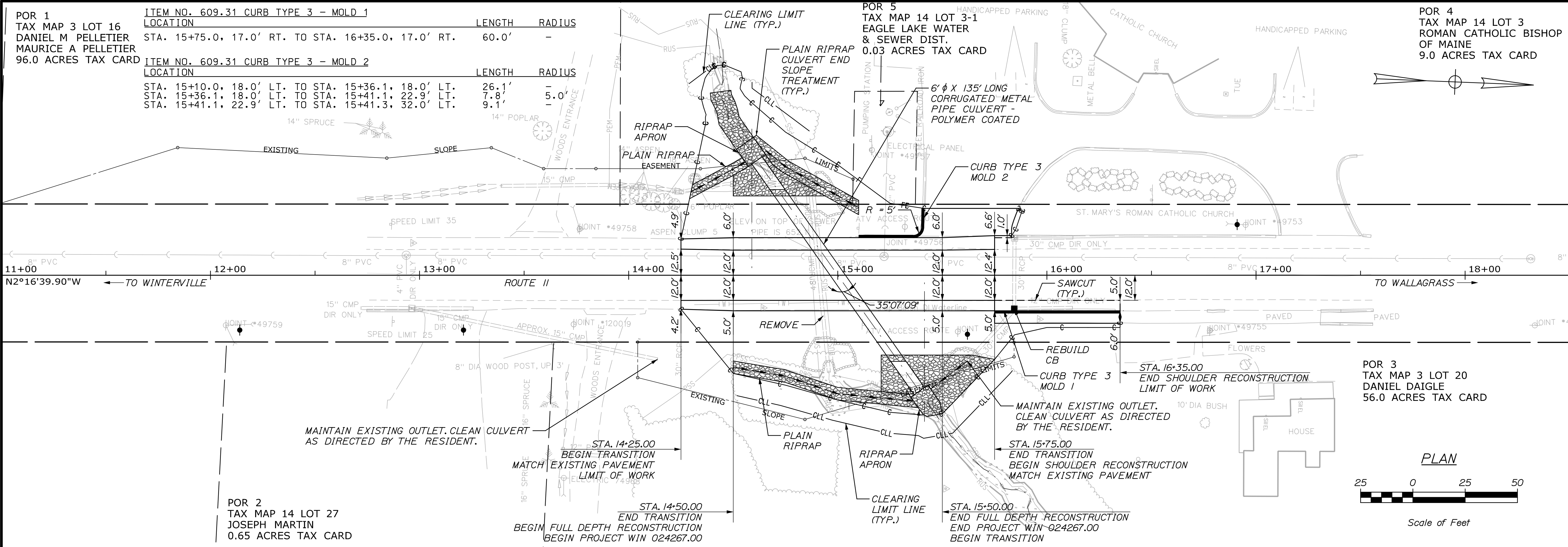
1.0' (TYP.)

1. CONSTRUCTION, HANDLING AND ASSEMBLY OF THE PIPE UNITS SHALL BE IN ACCORDANCE WITH MAINTENANCE STANDARD SPECIFICATIONS 603 AND THE MANUFACTURER'S SPECIFICATIONS AS APPLICABLE.
2. THE CORRUGATED METAL PIPE SHALL BE BEDDED ON A 1-FOOT LAYER OF COMPACTED GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL.
3. COFFERDAMS WILL BE PLACED AT BOTH THE DOWNSTREAM AND UPSTREAM ENDS OF THE PIPE STRUCTURE TO ALLOW WATER TO BE PUMPED AND REMOVED DURING CONSTRUCTION OF THE STEEL PIPE.
4. VOIDS IN RIPRAP APRONS SHALL BE INFILLED WITH DREDGE MATERIAL WATERED-IN AND TAMPED.
5. THE CORRUGATED METAL PIPE SHALL BE POLYMER COATED MINIMUM 10 GAGE AND WILL BE PAID FOR UNDER ITEM 603.279 - 72 INCH PIPE CULVERT OPTION III.

SHEET NUMBER 3 OF 13		EAGLE LAKE ROUTE 11		PROJ. MANAGER		R. SOUCY		BY		DATE		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
				DESIGN-DETAILED		D. BURTON		D. BURTON		04/24			
SPECIAL DETAILS		CHECKED-REVIEWED		A. SWEET		R. HART				SIGNATURE		02426700	
		DESIGN2-DETAILED2								P.E. NUMBER			
		DESIGN3-DETAILED3											
		REVISIONS 1											
		REVISIONS 2											
REVISIONS 3													
REVISIONS 4													
		FIELD CHANGES										WIN 024267.00 HIGHWAY PLANS	



Maine Department of Transportation				Project: Large Culverts Replacement on Route 11		Boring No.: HB-EAG-102	
Soil/Rock Exploration Log				Location: Eagle Lake, Maine		WIN: 24267.00	
US CUSTOMER UNITS							
Drilling Contractor: dm00T		Elevation (ft.): 657.2		Auger ID/OD: 5" Dia.			
Operator: Daggett/Aaron/Hiles		Sonnet: NAVD88		Sonnet: N/A			
Logged By: B. W. Hiler		Rig Type: CME 450		Hammer Wt./Fall: N/A			
Date Start/Finish: 9/24/2018: 08100-10130		Drilling Method: Solid Stem Auger		Core Barrel: N/A			
Boring Location: 14.9W.6, 14.9 ft Rt.		Casing ID/OD: N/A		Water Level: None Observed			
Borehole Notes: 1. Soft Super Sample 2. Sample of Auger Flights 3. Not Sampled off Auger Flights 4. Unsuccessful Soil Spoon Sample Attempt 5. Unsuccessful Field Vane Shear Test Attempt 6. Field Vane Shear Test -				7. Unsuccessful Thin Wall Tube Sample Attempt 8. No Core Sample 9. Solid Stem Auger 10. No Core Sample 11. No Core Sample 12. No Core Sample 13. No Core Sample 14. No Core Sample 15. No Core Sample 16. No Core Sample 17. No Core Sample 18. No Core Sample 19. No Core Sample 20. No Core Sample 21. No Core Sample 22. No Core Sample 23. No Core Sample 24. No Core Sample 25. No Core Sample 26. No Core Sample 27. No Core Sample 28. No Core Sample 29. No Core Sample 30. No Core Sample 31. No Core Sample 32. No Core Sample 33. No Core Sample 34. No Core Sample 35. No Core Sample 36. No Core Sample 37. No Core Sample 38. No Core Sample 39. No Core Sample 40. No Core Sample 41. No Core Sample 42. No Core Sample 43. No Core Sample 44. No Core Sample 45. No Core Sample 46. 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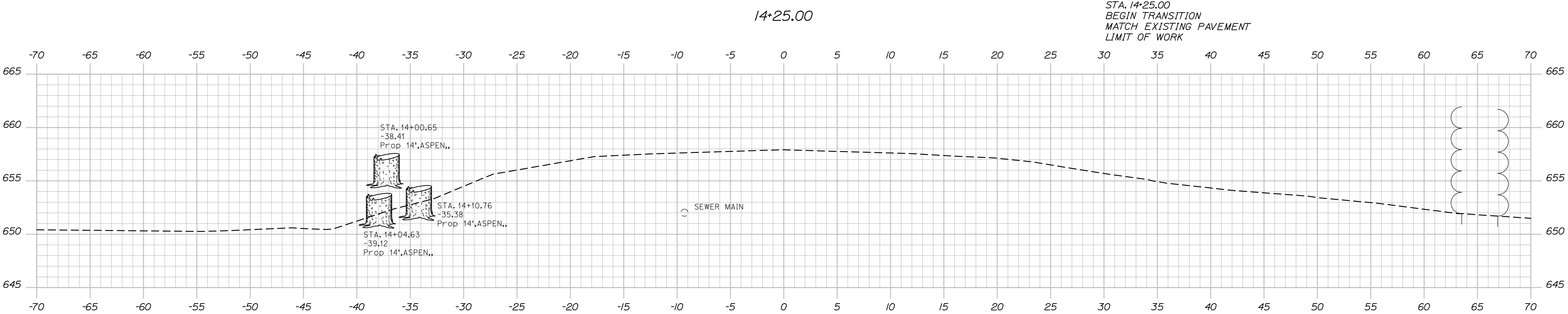
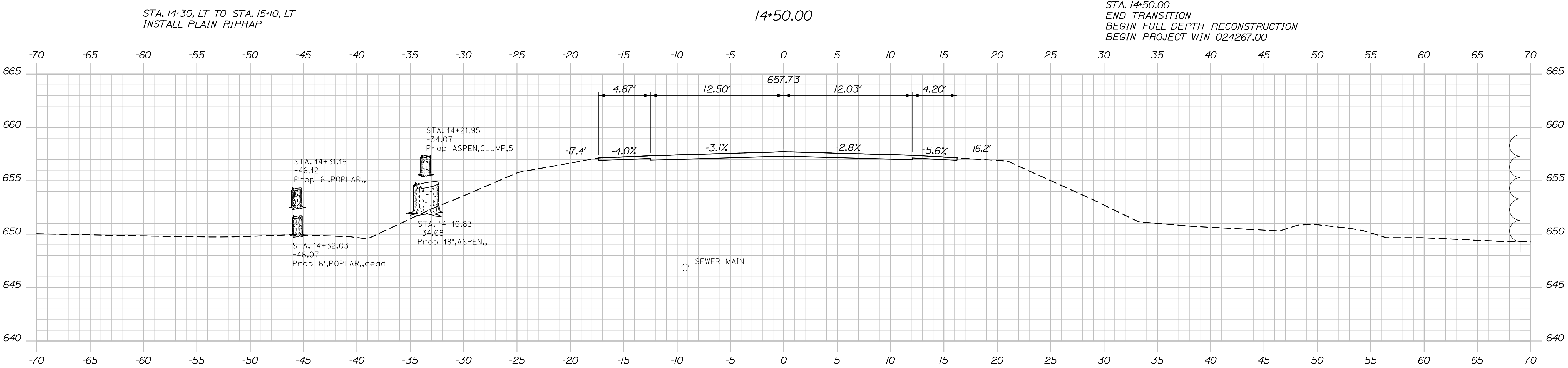
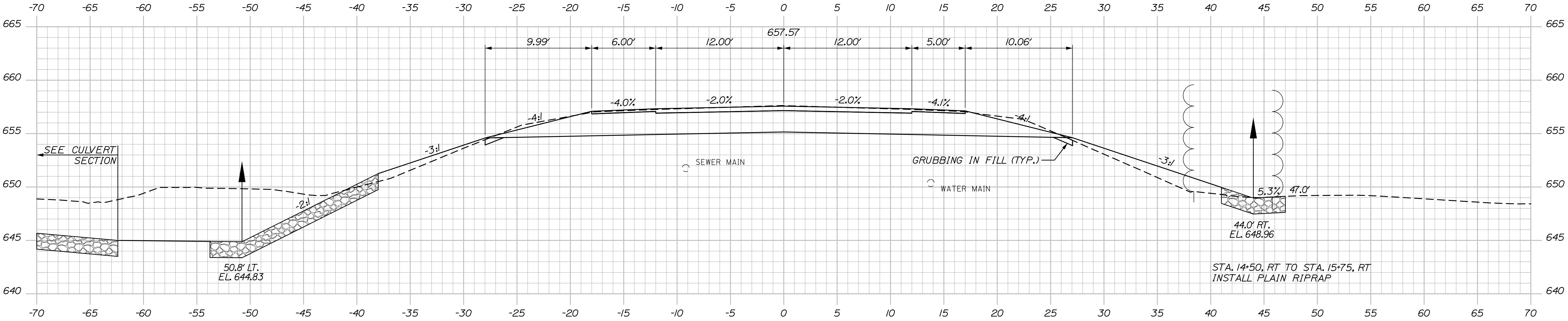


Date:5/14/2024

Username:

Division:

Filename: X-Section.dgn



PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN-DETAILED	D. BURTON	D. BURTON	04/24
CHECKED-REVIEWED	A. SWEET	R. HANE	04/24
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

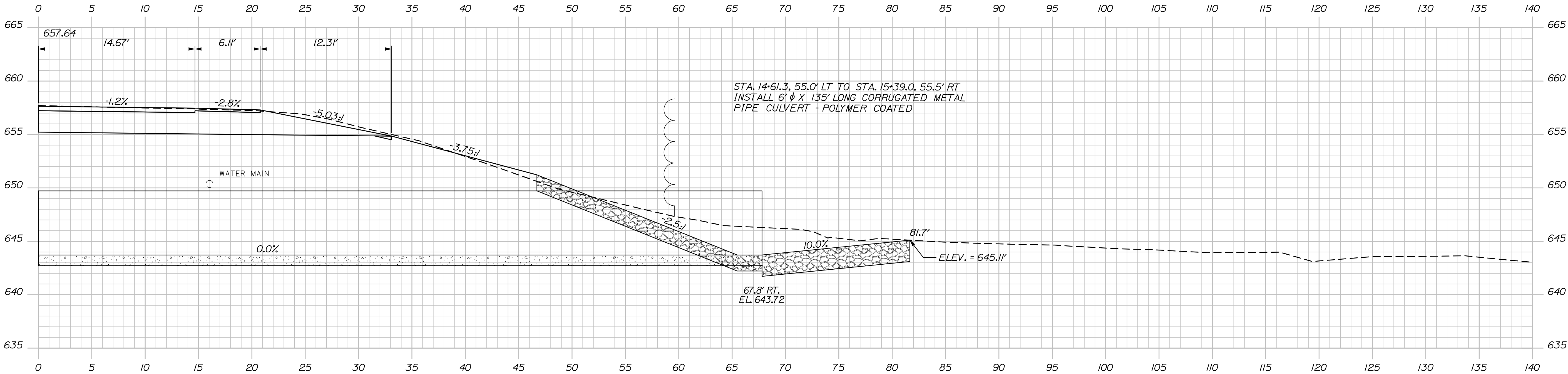
SIGNATURE	P.E. NUMBER	DATE

Date:5/14/2024

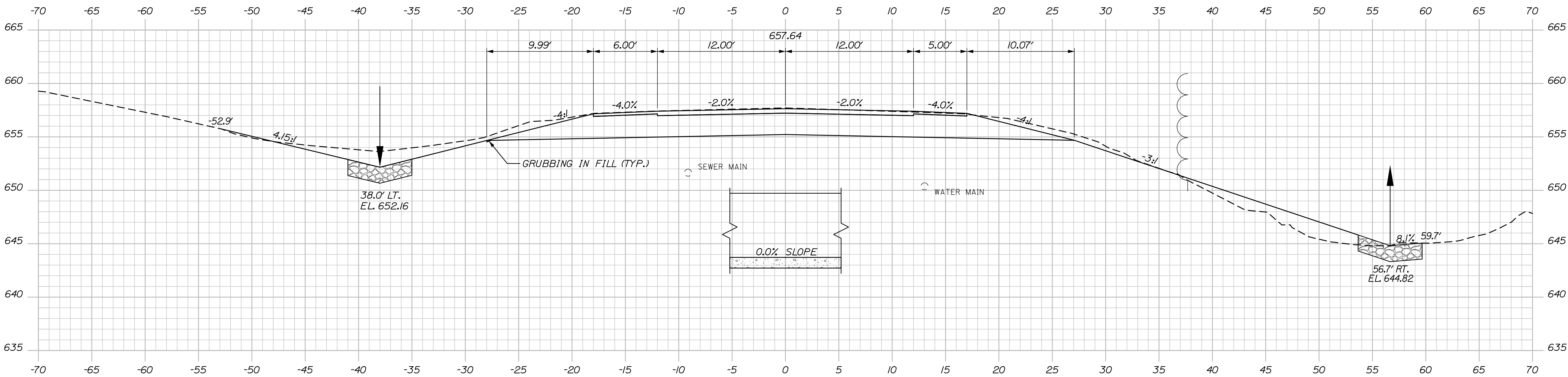
Username:

Division:

Filename: X-Section.dgn



15+00.00 (SKEWED ALONG CULVERT @)



15+00.00

PROJ. MANAGER	CHECKED-REVIEWED	DESIGNED-DETAILED	DESIGNED-DETAILED	DESIGNED-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
D. BURTON	D. BURTON	D. BURTON	D. BURTON	D. BURTON					
A. SWEET	A. SWEET	A. SWEET	A. SWEET	A. SWEET					

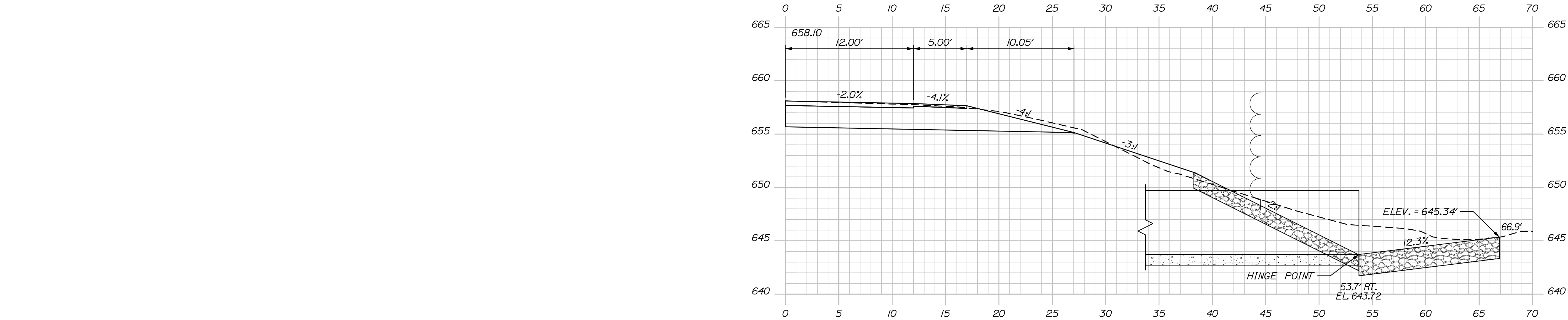
EAGLE LAKE
ROUTE 11
CROSS SECTIONS

Date:5/14/2024

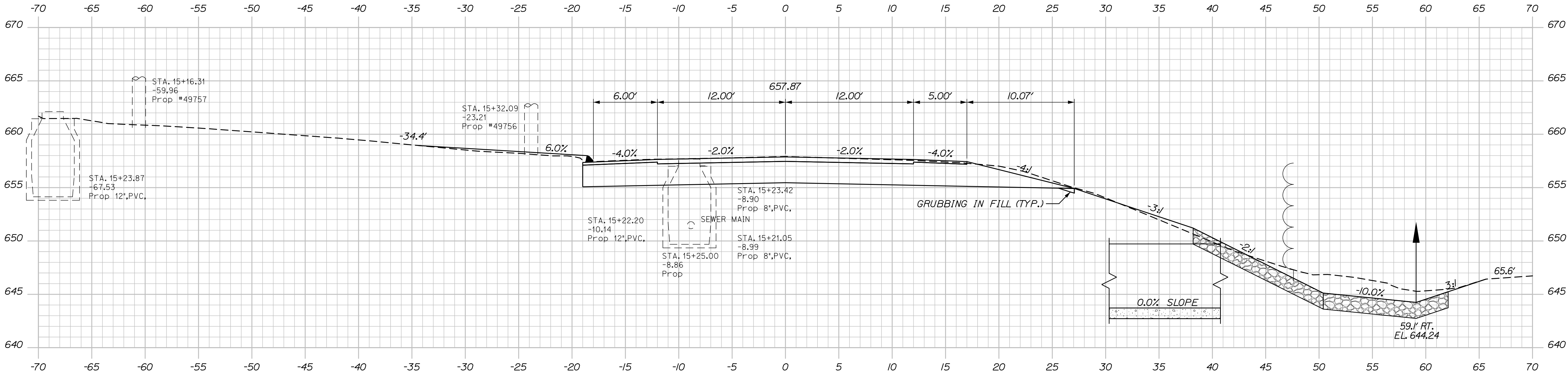
Username:

Division:

Filename: X-Section.dgn



15+41.46 (ACUTE CORNER RT)



15+25.00

STA. 15+21, RT TO STA. 15+43, RT
INSTALL PLAIN RIPRAP CULVERT END SLOPE TREATMENT

PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN-DETAILED D. BURTON	DESIGN-DETAILED A. SWEET	D. BURTON R. HANE	04/24 04/24
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

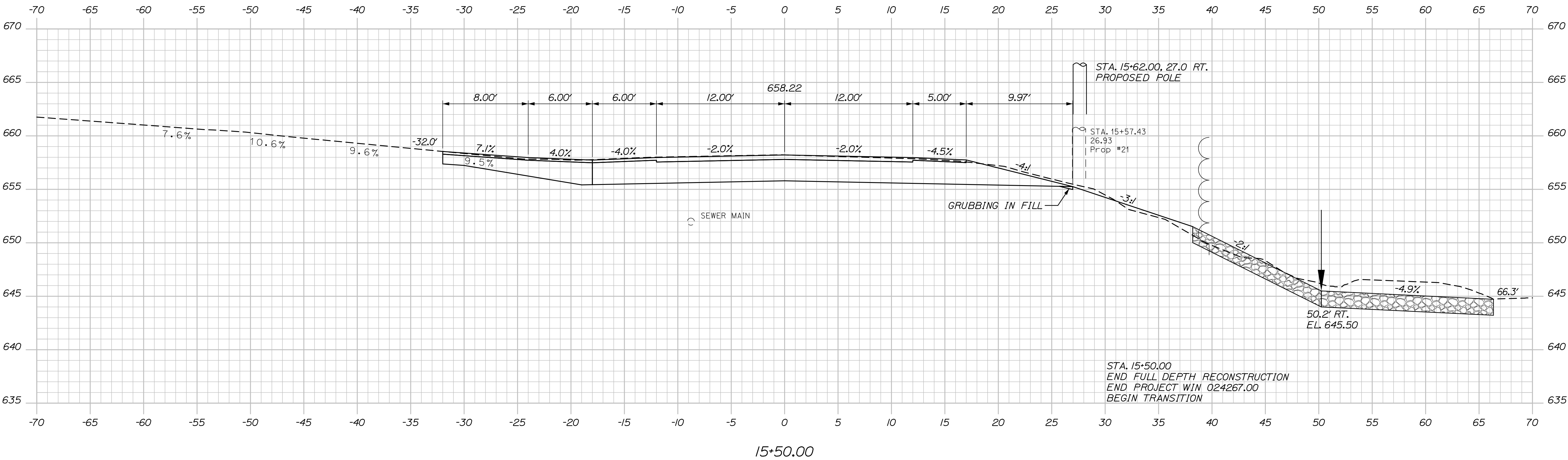
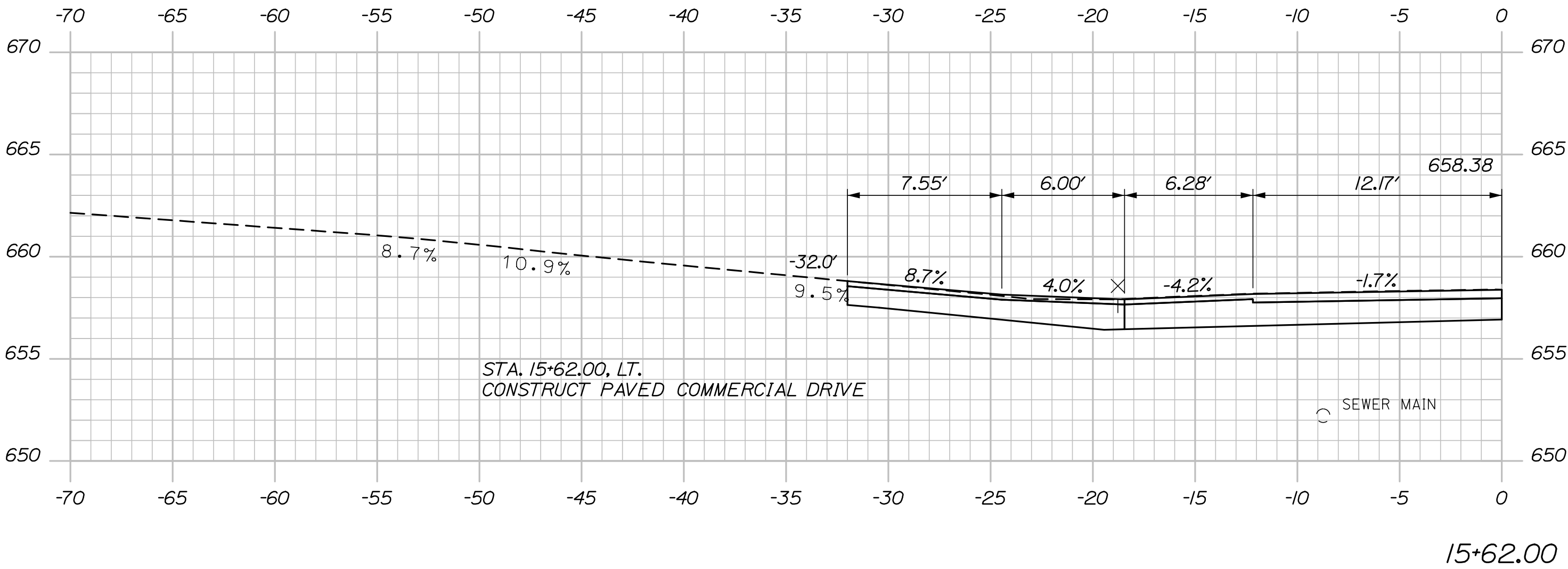
EAGLE LAKE
ROUTE 11
CROSS SECTIONS

Date:5/14/2024

Username:

Division:

Filename: X-Section.dgn



STATE OF MAINE DEPARTMENT OF TRANSPORTATION
02426700
WIN 024267.00
HIGHWAY PLANS

PROJ. MANAGER	CHECKED	DESIGNED	BY	DATE
D. BURTON	A. SWEET	R. HANE	D. BURTON	04/24
DESIGNED-DETAILED	DESIGNED-DETAILED	DESIGNED-DETAILED	DESIGNED-DETAILED	DESIGNED-DETAILED
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	REVISIONS 5
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES

EAGLE LAKE ROUTE 11 CROSS SECTIONS
--

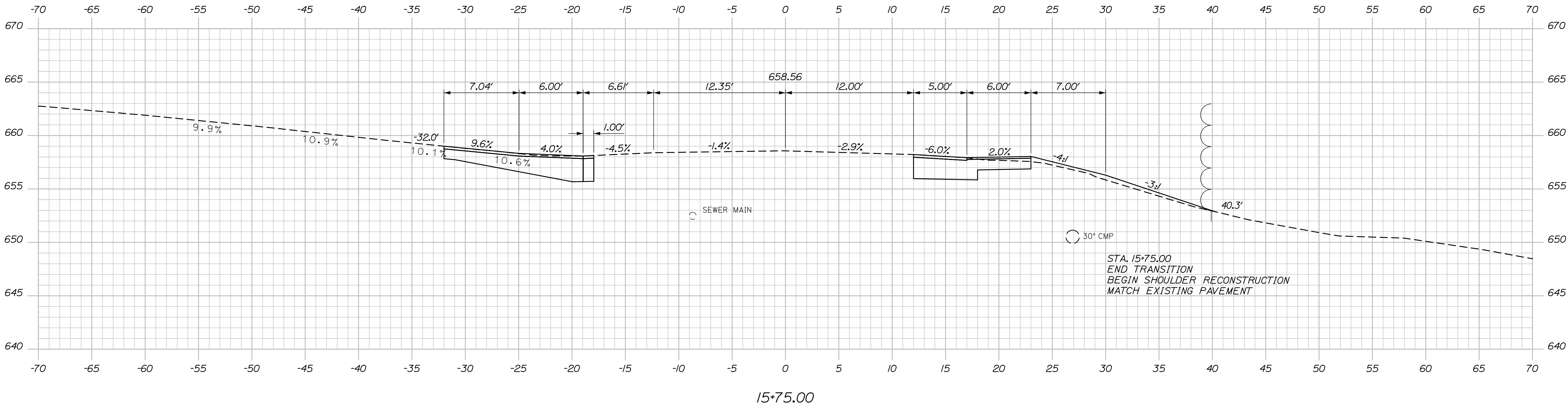
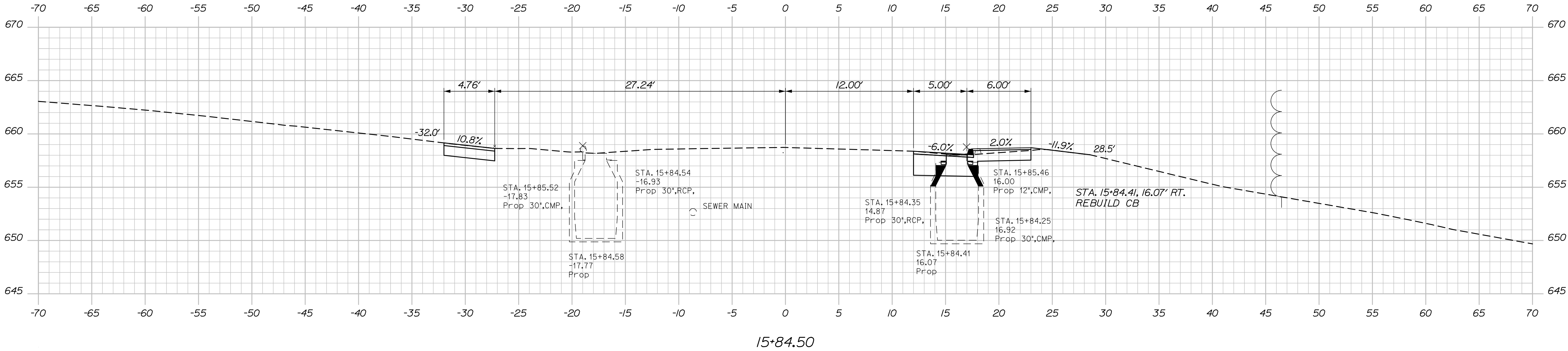
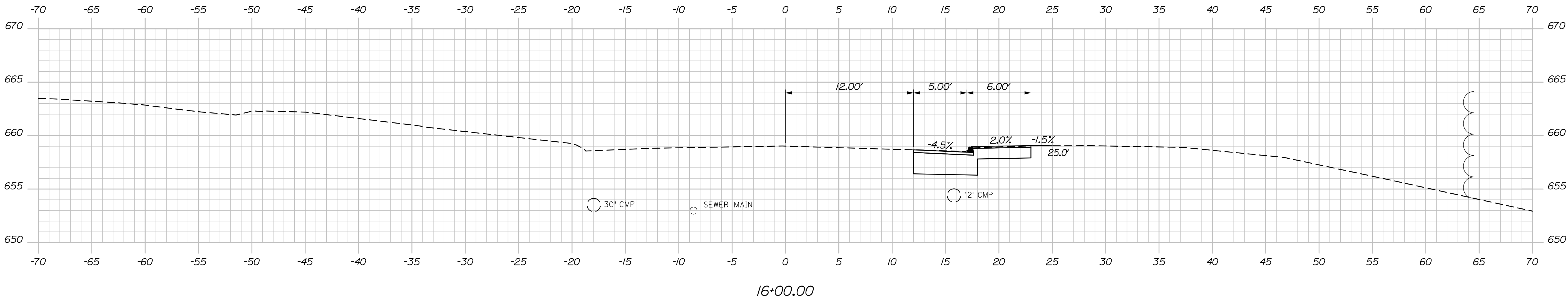
SHEET NUMBER 10 OF 13

Date:5/14/2024

Username:

Division:

Filename: X-Section.dgn



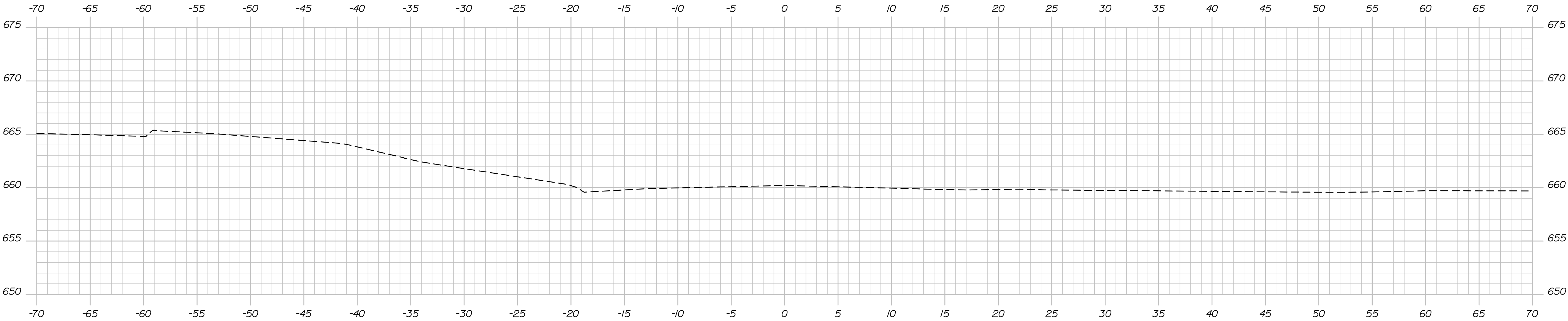
PROJ. MANAGER	R. SOURCE	BY	DATE
DESIGN-DETAILED D. BURTON	D. BURTON	R. HANE	04/24
CHECKED-REVIEWED A. SWEET	A. SWEET		04/24
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

Date:5/14/2024

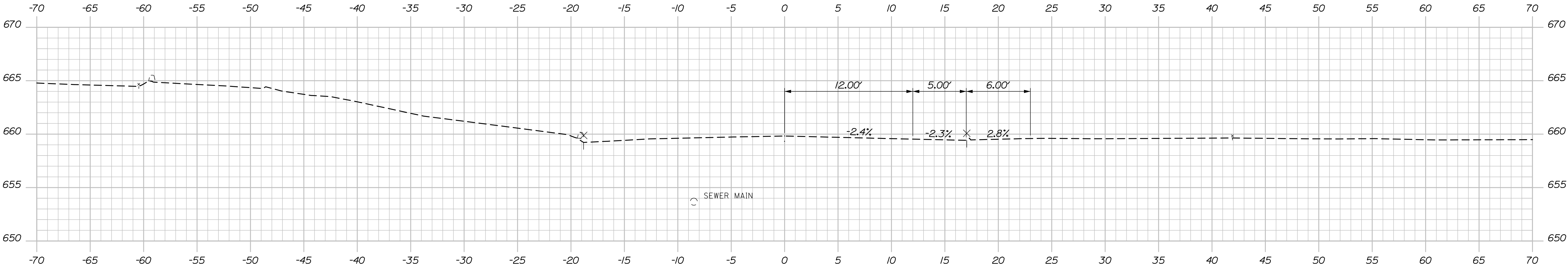
Username:

Division:

Filename: X-Section.dgn

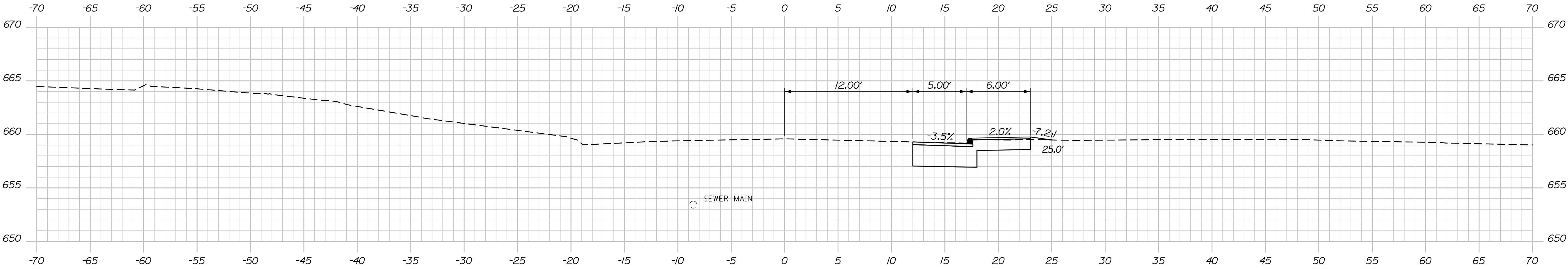


16+50.00



16+35.00

STA. 16+35.00
END SHOULDER RECONSTRUCTION
LIMIT OF WORK



16+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02426700

WIN
024267.00

HIGHWAY PLANS

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

R. SOUCY
D. BURTON
R. HANE

DATE
04/24
04/24

SIGNATURE
P.E. NUMBER
DATE

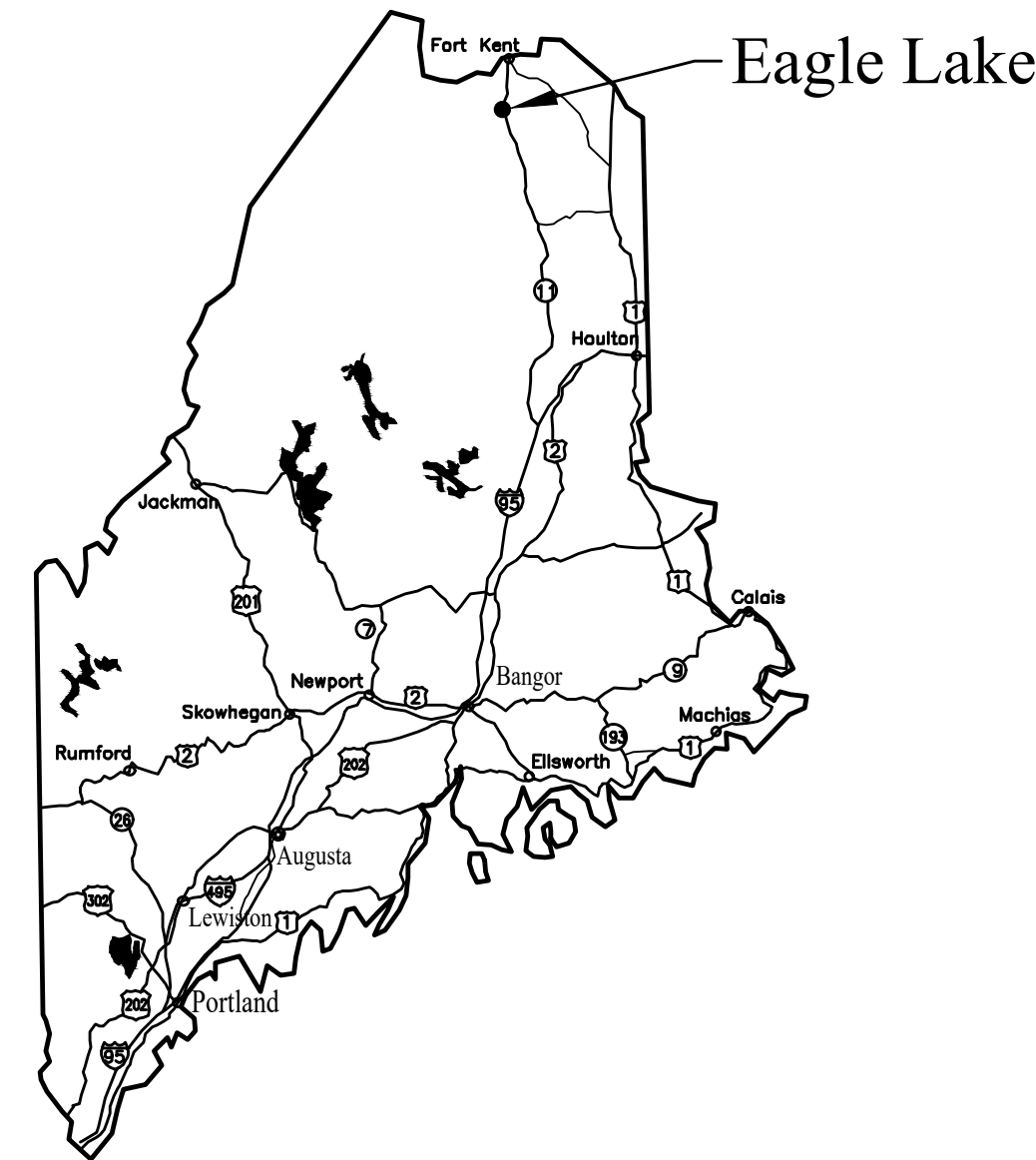
EAGLE LAKE
ROUTE 11

CROSS SECTIONS

SHEET NUMBER
12
OF 13

[illegible]

Project Location



Site Location



Drawing Index

- A1 PLAN & PROFILE
- A2 WATER MAIN BYPASS & DETAILS

Water & Sewer Utility Related
Project Drawings

for

Thibadeau Brook Culvert Replacement
on Route 11
in Eagle Lake

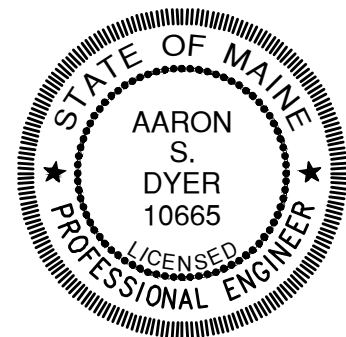
Federal Project No. 02426700

Water Utility:

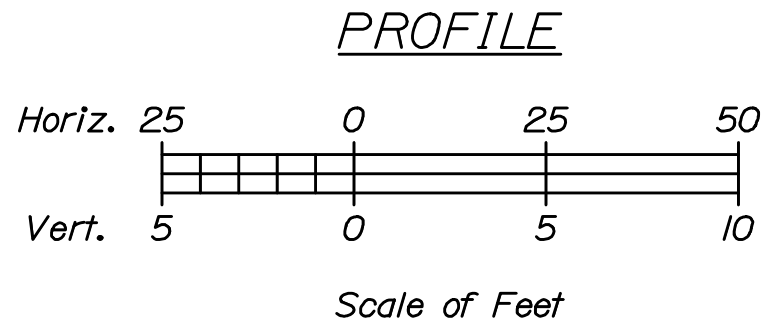
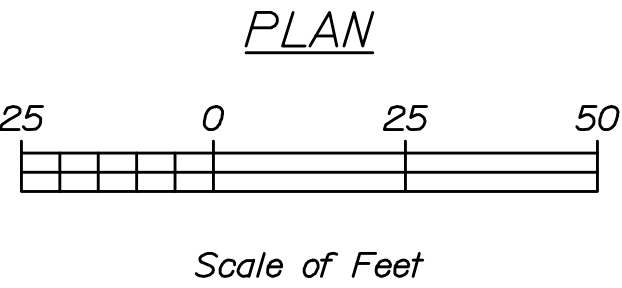
Eagle Lake Water & Sewer District
Eagle Lake, Maine

DIRIGO ENGINEERING

2 Dirigo Drive
Fairfield, Maine 04937

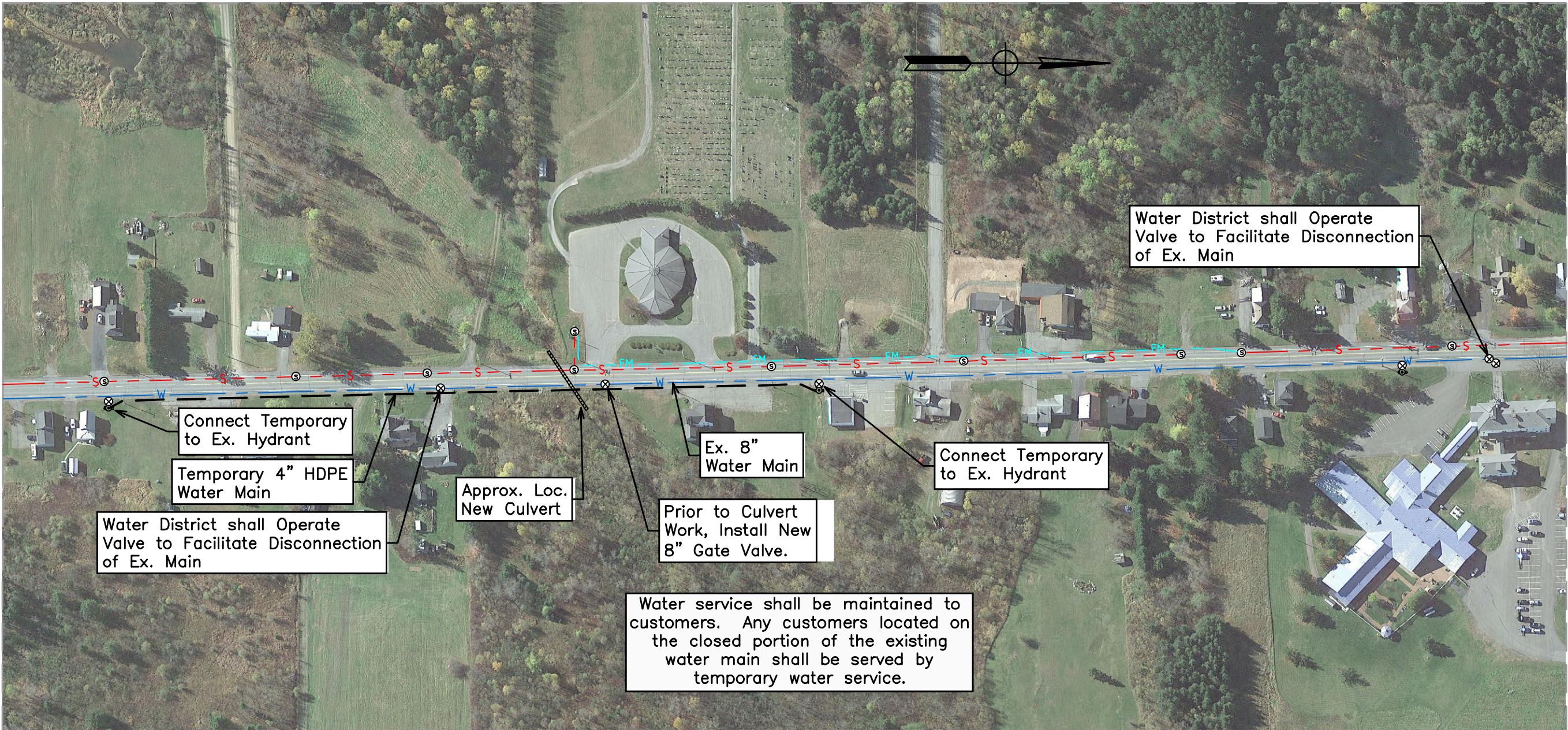


DIRIGO ENGINEERING
Project Engineer Date 03/25/2024

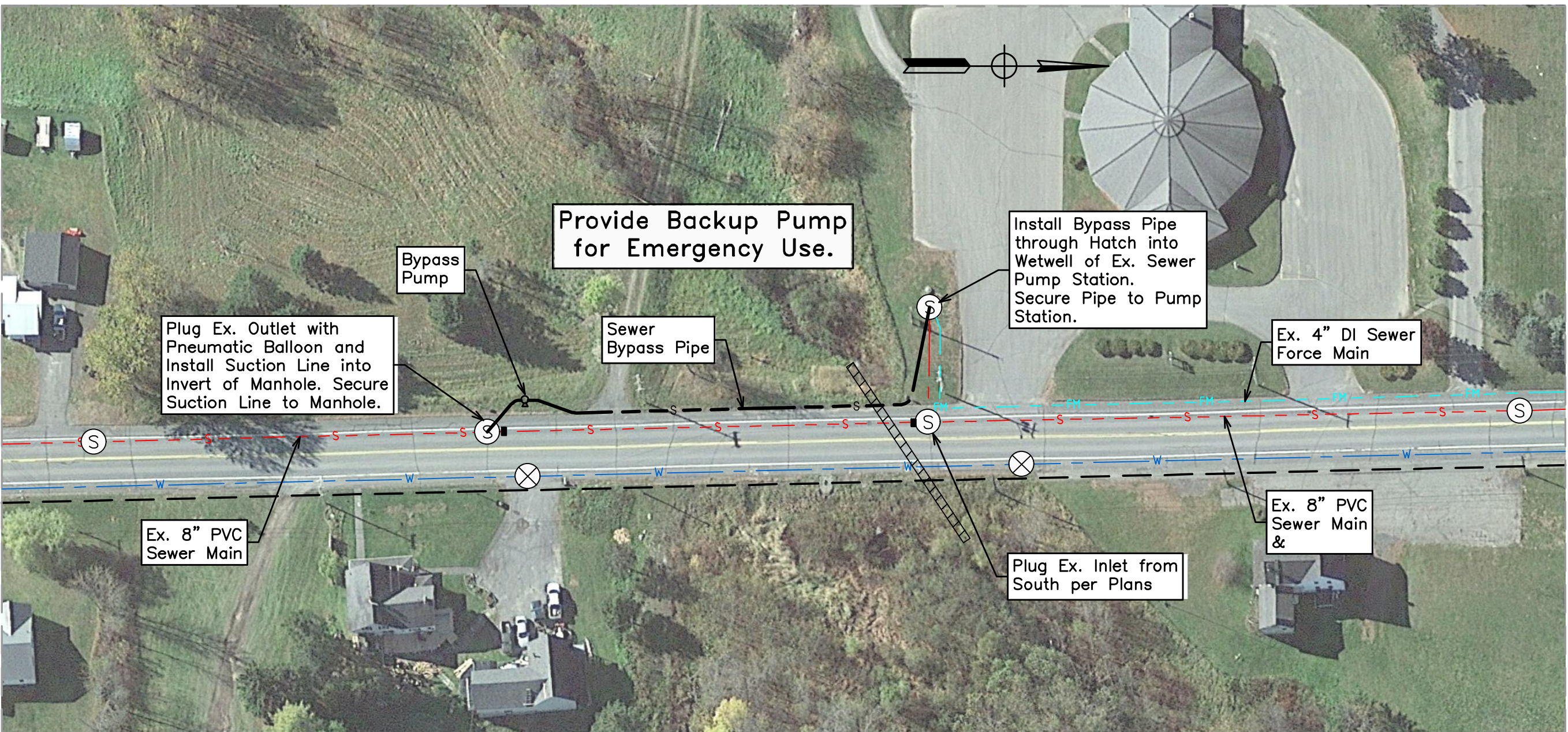


				EAGLE LAKE WATER & SEWER DISTRICT	
				EAGLE LAKE, MAINE	
NO.	REVISIONS		DATE	MAINE DOT #24267.00 - THIBADEAU BROOK CULTUR REPLACEMENT PROJECT WATER & SEWER ADJUSTMENTS	
BID SET	VERT. DATUM	NADB3		PLAN & PROFILE	
	DATE:	3/26/24			
	DRAWN BY:	ASD			
	CHECKED:	JML			
	APPROVED:	ASD			
	FIELD BK:				
	FILE:	THIBADEAU BROOK.DWG		<u>DIRIGO ENGINEERING</u> 2 DORIO DRIVE, FAIRFIELD, MAINE 04937 (207) 453-2401	SHEET
	PROJECT:	#52103			A1

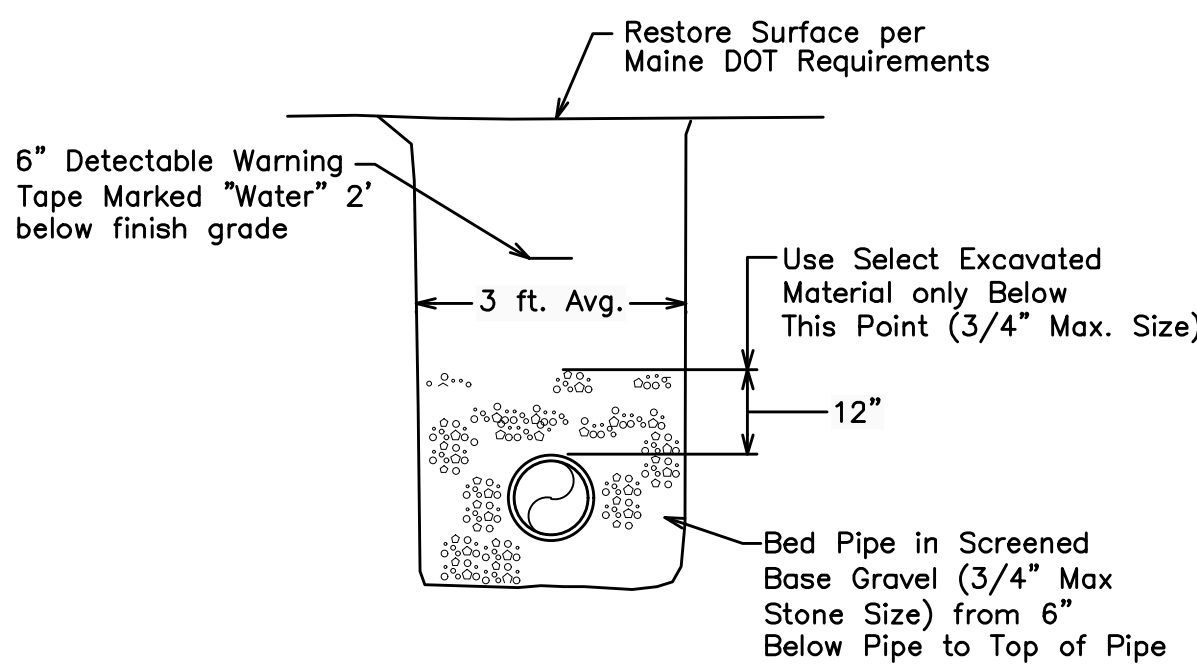
← Note: On the Original Full-Scale Drawing, this dimension is 6" →



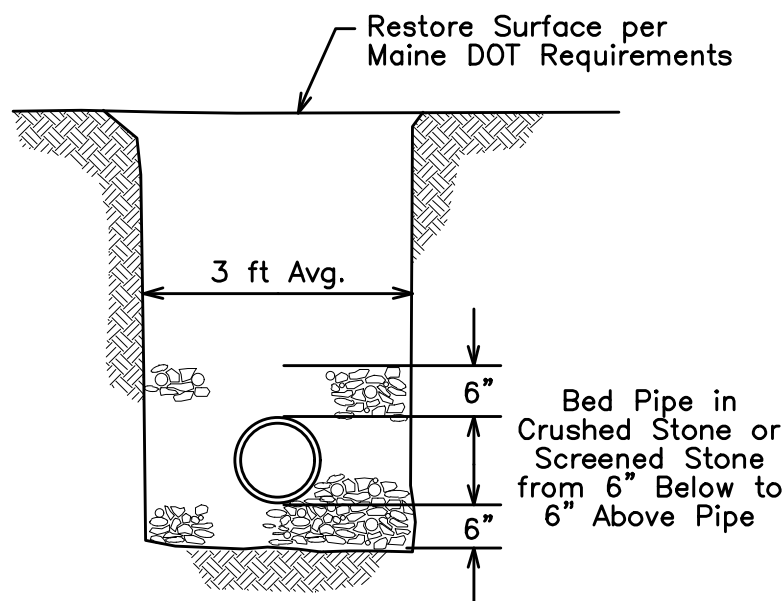
WATER MAIN BYPASS PLAN
NOT TO SCALE



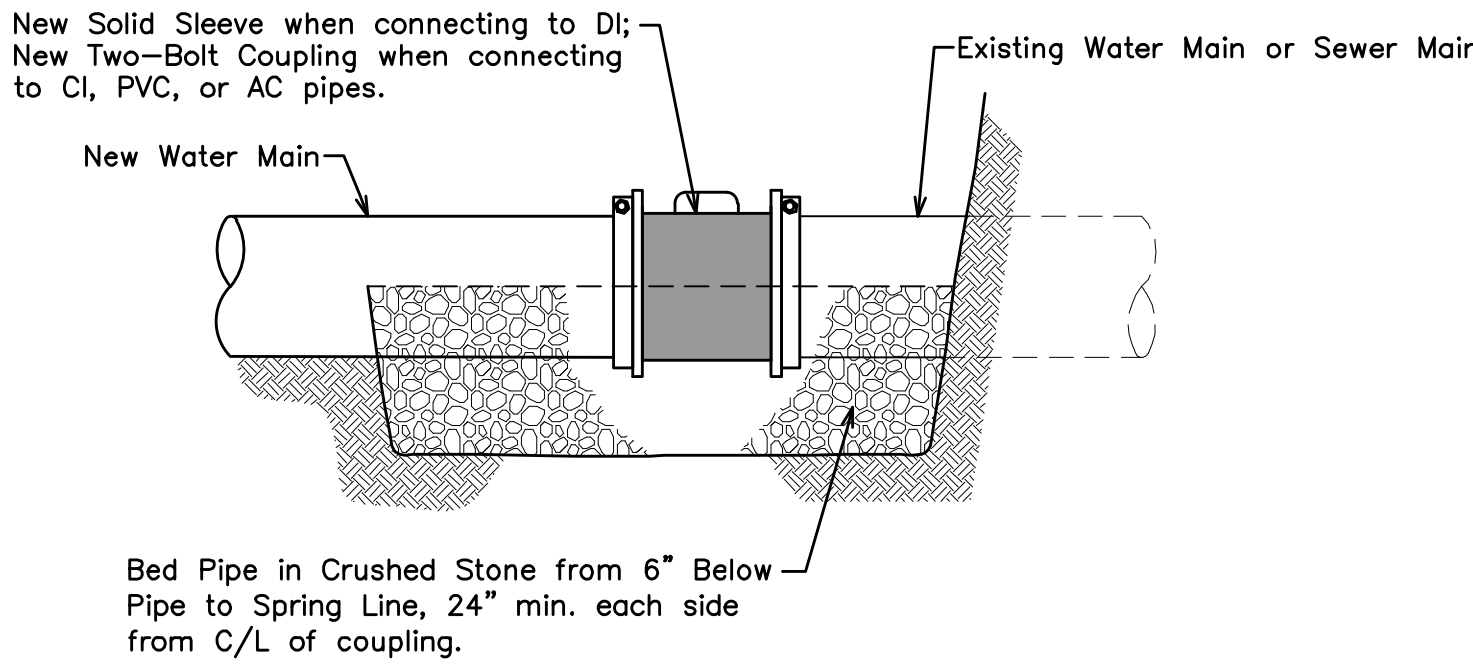
SEWER MAIN BYPASS PLAN
NOT TO SCALE



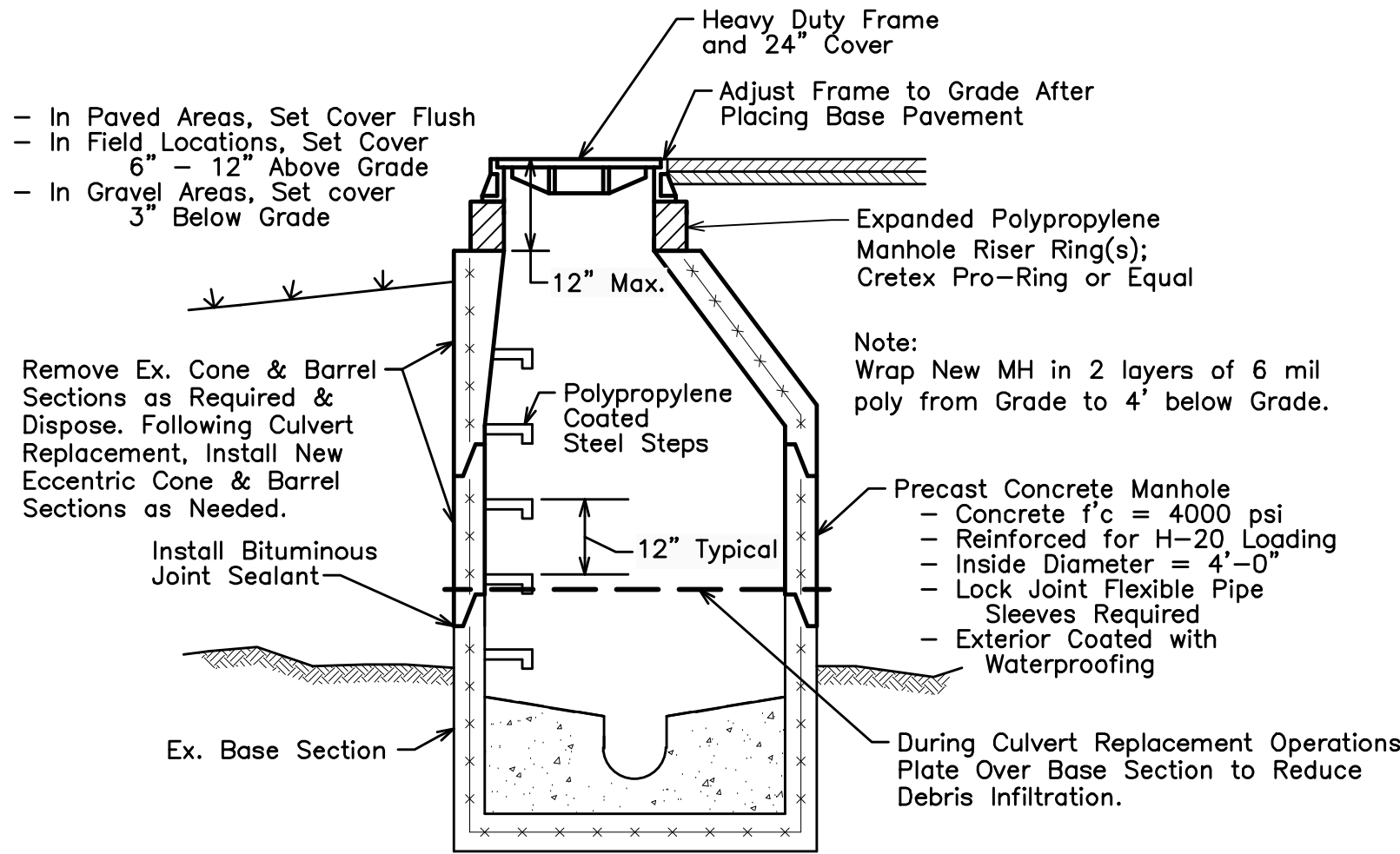
DUCTILE IRON TRENCH DETAIL
NOT TO SCALE



PVC TRENCH DETAIL
NOT TO SCALE



COUPLING/SOLID SLEEVE BEDDING DETAIL
NOT TO SCALE



SEWER MANHOLE REBUILD DETAIL
NOT TO SCALE

WATER MAIN BYPASS & DETAILS

Note: On the Original Full-Scale Drawing, this dimension is 6"

EAGLE LAKE WATER & SEWER DISTRICT EAGLE LAKE, MAINE			MAINE DOT #24267.00 – THIBADEAU BROOK CULVERT REPLACEMENT PROJECT WATER & SEWER ADJUSTMENTS	
WATER MAIN BYPASS & DETAILS			SHEET A2	
BID SET	NO.	REVISIONS	DATE	
		VERT. DATUM	NAD83	
		DATE:	3/26/24	
		DRAWN BY:	ASD	
		CHECKED:	JML	
		APPROVED:	ASD	
		FIELD BK:	---	
FILE: THIBADEAU BROOK CROSSING			PROJECT:	#52103