

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



MATTAWAMKEAG

PENBOBSCOT COUNTY

ROUTE 2

PROJECT NO. 025425.00

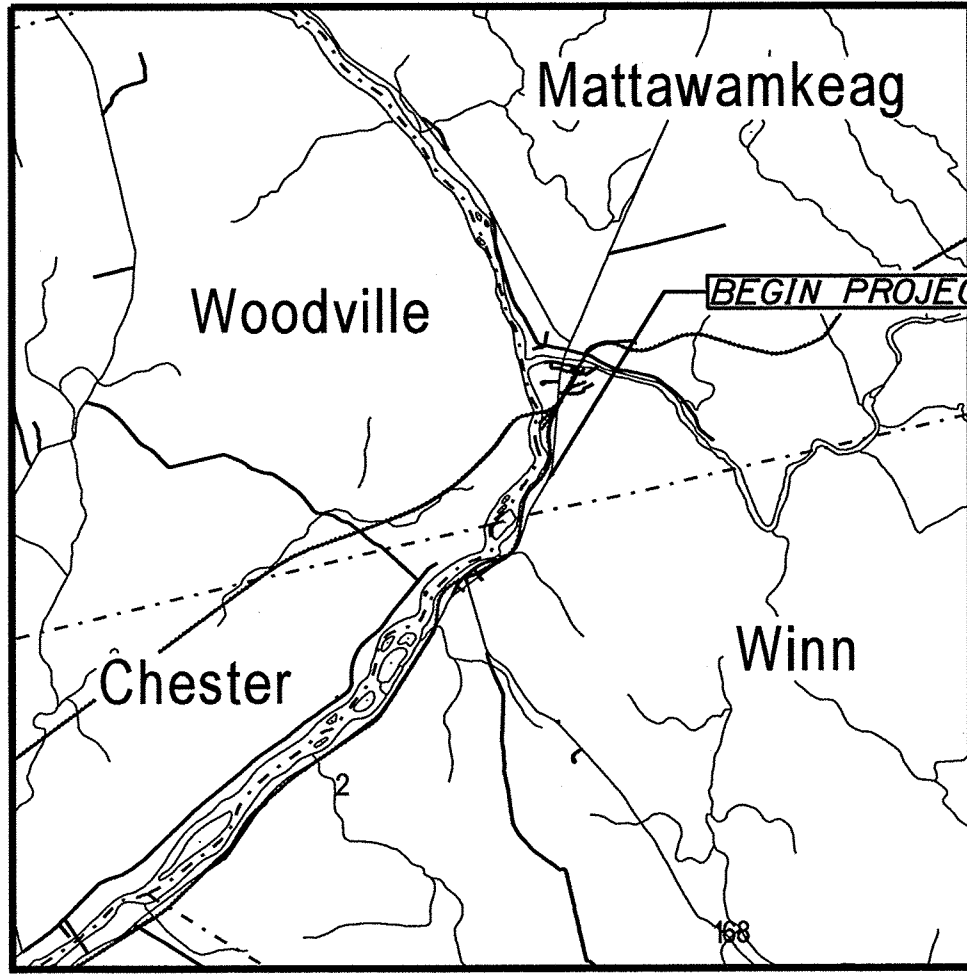
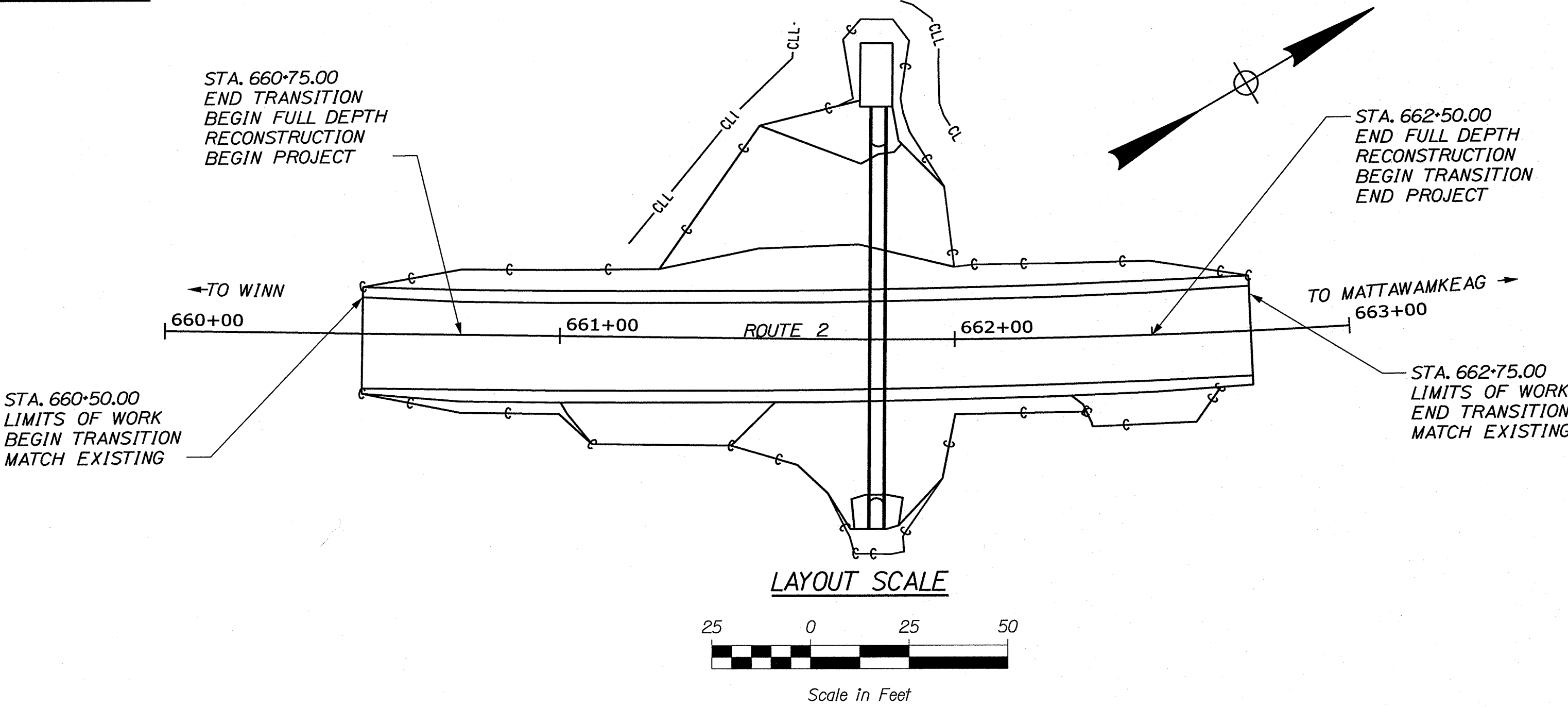
PROJECT LENGTH: 0.03 MILES

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	-----	Guardrail-Cable, Other	-----
Trees	☙ Conifer ☙ Deciduous	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)	

INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2
Estimated Quantities and General Notes	3
Special Details	4
Boring Location Plan	5
Plan and Profile	6
Cross Sections	7-11
Right of Way Map	12

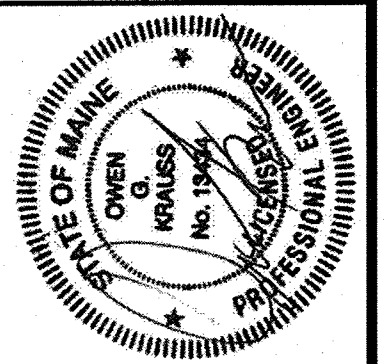


TRAFFIC DATA

Current (2025) AADT	2050
Future (2045) AADT	2260
DHV - % of AADT	11%
Design Hour Volume	249
% Heavy Trucks (AADT)	9%
% Heavy Trucks (DHV)	4%
Directional Distribution (DHV)	61%
18-kip Equivalent P 2.0	144
18-kip Equivalent P 2.5	137
Design Speed (mph)	40
Corridor Priority	3

PROJECT LOCATION:	MATTAWAMKEAG, ROUTE 2, LOCATED APPROXIMATELY 0.4 MILES NORTHERLY OF WINN TOWN LINE. LAT. LONG.: 45°30'1.90"N, 68°21'25.95"W
PROGRAM AREA:	REGIONAL PROGRAM
SCOPE OF WORK:	LARGE CULVERT REPLACEMENT

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: [Signature]	1-16-25	
CHIEF ENGINEER: [Signature]	1-16-2025	



SIGNATURE	13434	P.E. NUMBER	January 3, 2025	DATE
ROGER SOUCY		HOYLE TANNER		
OWEN KRAUSS		PROJECT RESIDENT		
CONTRACTOR		PROJECT COMPLETION DATE		

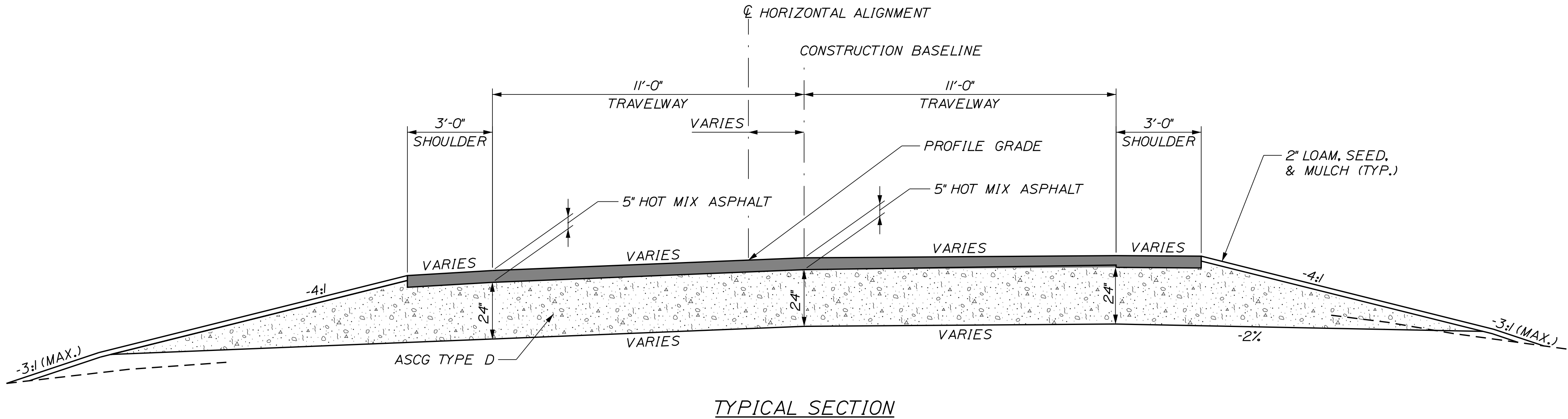
PROJECT INFORMATION	HIGHWAY	PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE

MATTAWAMKEAG ROUTE 2 TITLE SHEET
--

SHEET NUMBER	1
OF 12	

PROJECT NO. 025425.00

WIN 25425.00



NOT TO SCALE

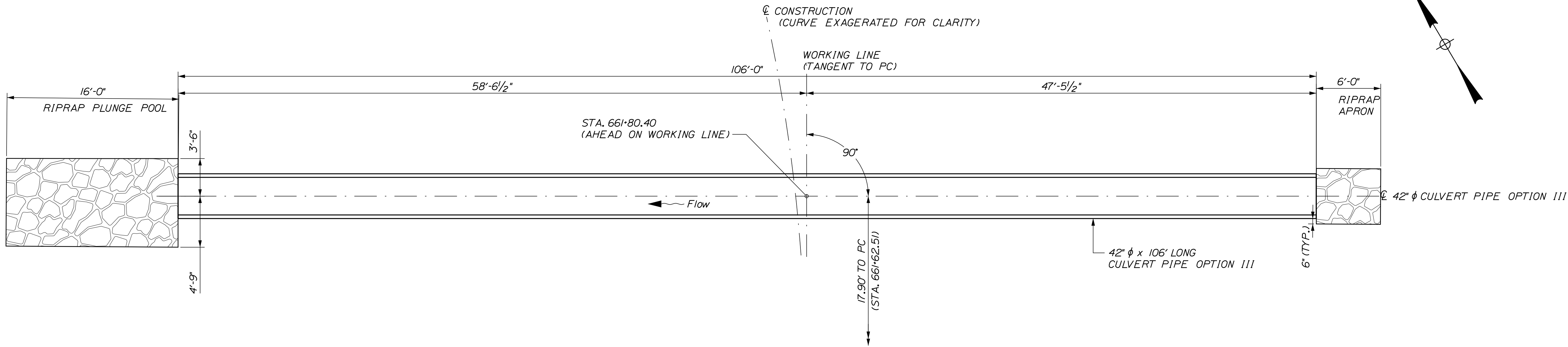
STATE OF MAINE DEPARTMENT OF TRANSPORTATION						SIGNATURE		P.E. NUMBER		DATE		WIN		HIGHWAY PLANS	
												25425.00		25425.00	
MATTAWAMKEAG ROUTE 2		PROJ. MANAGER		R. SOUTCY		BY		DATE		TYPICAL SECTIONS					
DESIGN-DETAILED		RPM		OKK		DEC. 2024									
CHECKED-REVISED		OKK		TMC		DEC. 2024									
DESIGN2-DETAILED2															
DESIGN3-DETAILED3															
REVISIONS 1															
REVISIONS 2															
REVISIONS 3															
REVISIONS 4															
FIELD CHANGES															
SHEET NUMBER										2					
OF 12															

Date:1/8/2025

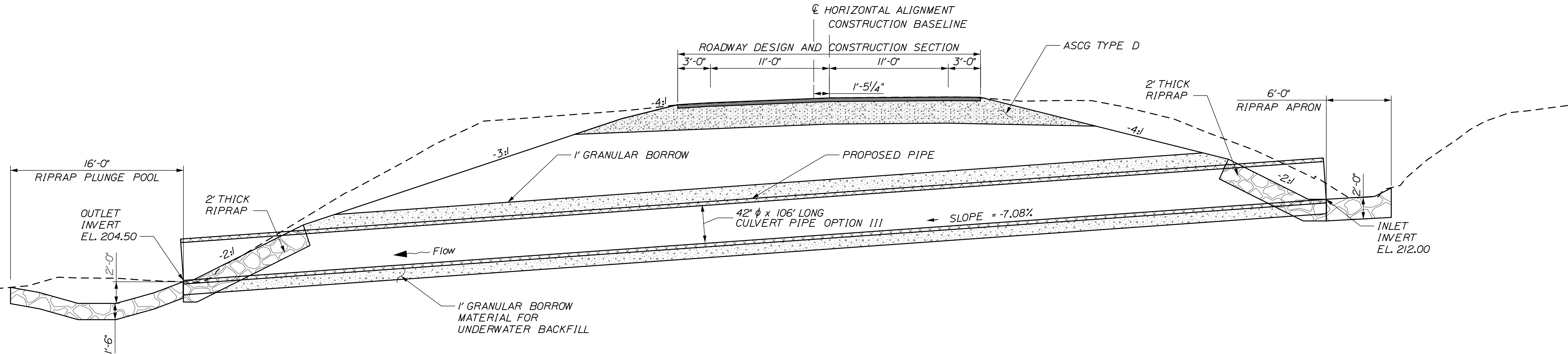
Username:

Division: BRIDGE

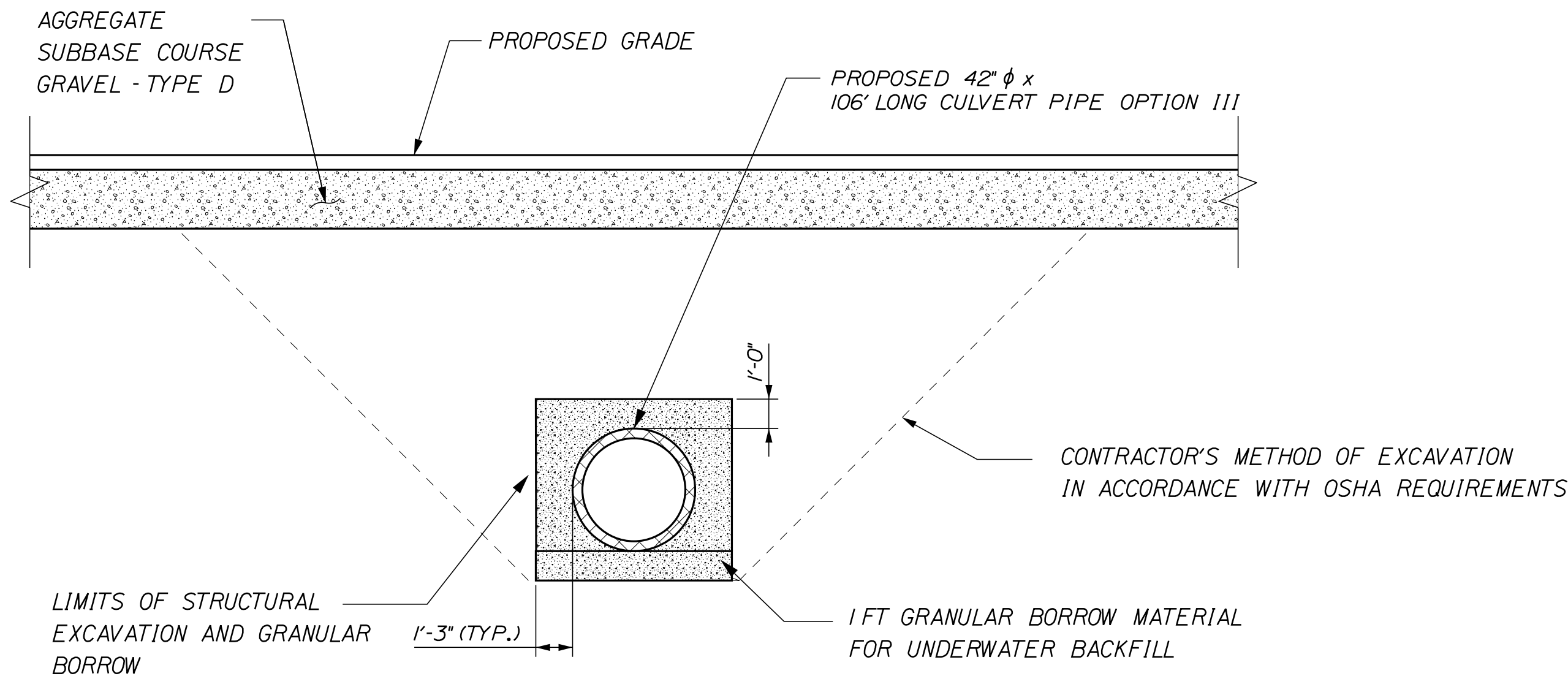
Filename: ... \MSTA\004_SpecialDetails.dgn



CULVERT PIPE OPTION III PLAN VIEW
N.T.S.



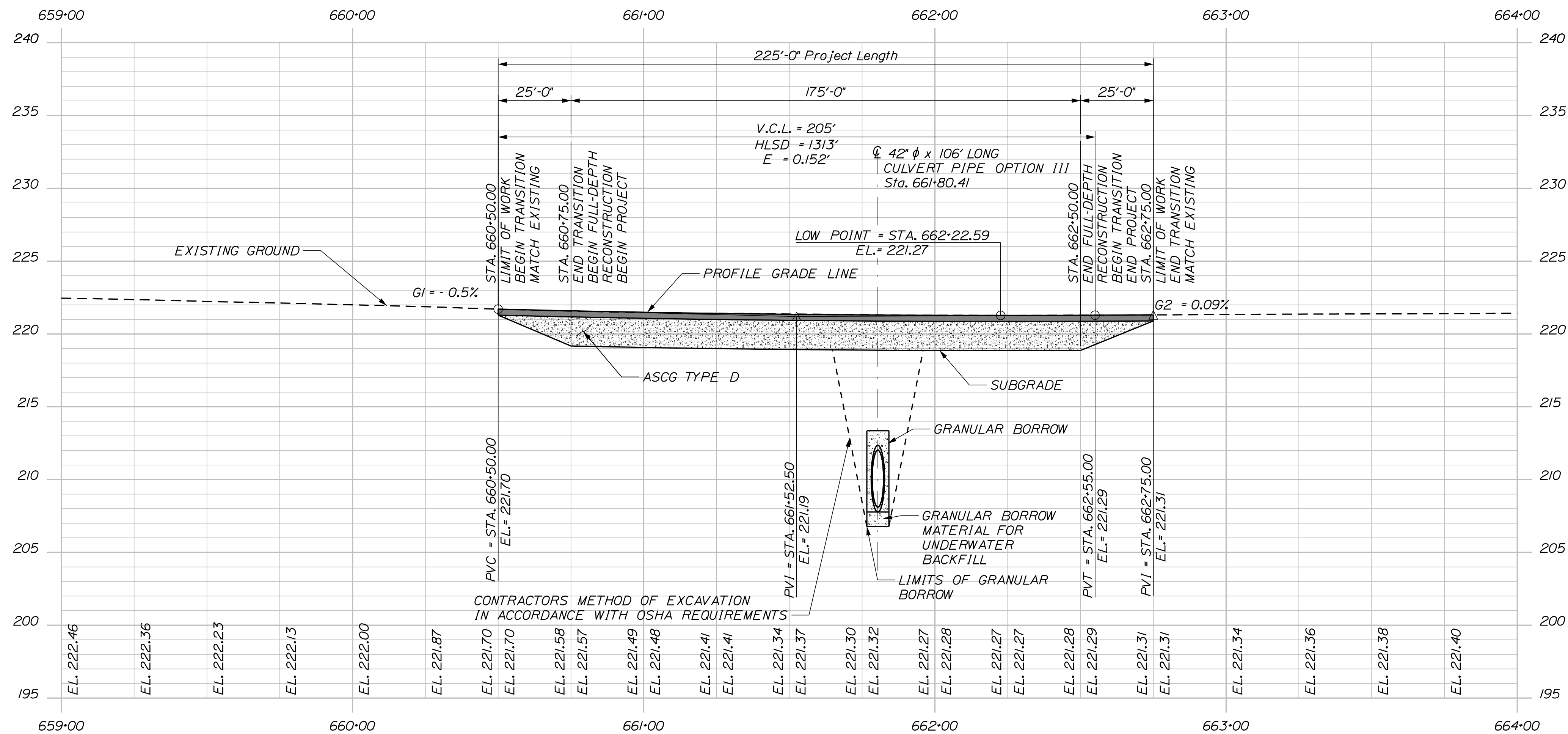
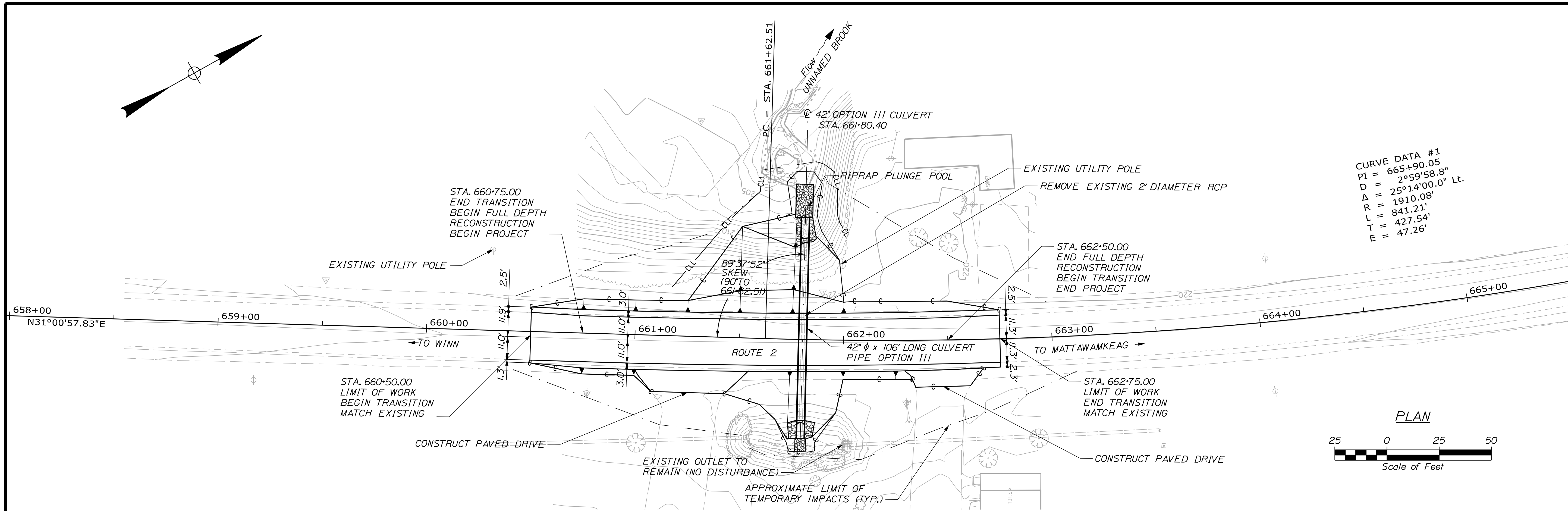
PROPOSED CULVERT PIPE OPTION III TRANSVERSE SECTION
N.T.S.



TYPICAL SECTION

NOT TO SCALE

STATE OF MAINE			DEPARTMENT OF TRANSPORTATION			25425.00			WIN			25425.00			HIGHWAY PLANS		
MATTAWMKEAG			ROUTE 2			SPECIAL DETAILS			SHEET NUMBER			4			OF 12		
PROJ. MANAGER			R. SOURCE			BY			DATE			SIGNATURE			P.E. NUMBER		
DESIGN-DETAILED			RPM			OCK			DEC. 2024								
CHECKED-REVIEWED			OCK			TMC			DEC. 2024								
DESIGN2-DETAILED2																	
DESIGN3-DETAILED3																	
REVISIONS 1																	
REVISIONS 2																	
REVISIONS 3																	
REVISIONS 4																	
FIELD CHANGES																	



CURVE DATA #1
PI = 665+90.05
D = 2°59'58.8"
Δ = 25°14'00.0" Lt.
R = 1910.08'
L = 841.21'
T = 427.54'
E = 47.26'

PLAN

Scale of Feet

PROFILE

Horiz. 25 0 25 50

Vert. 5 0 5 10

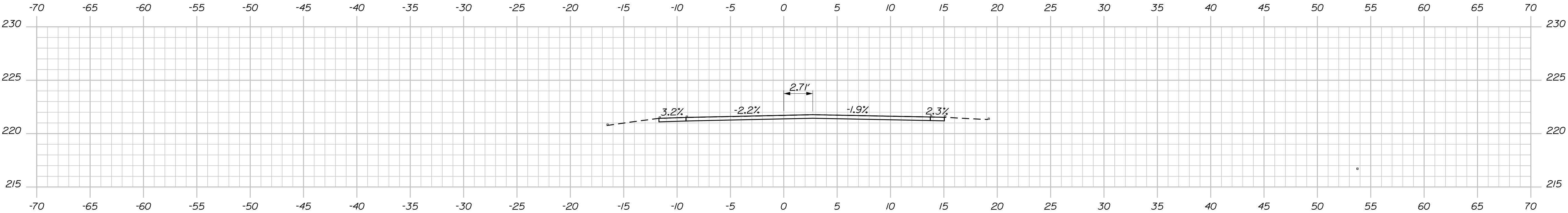
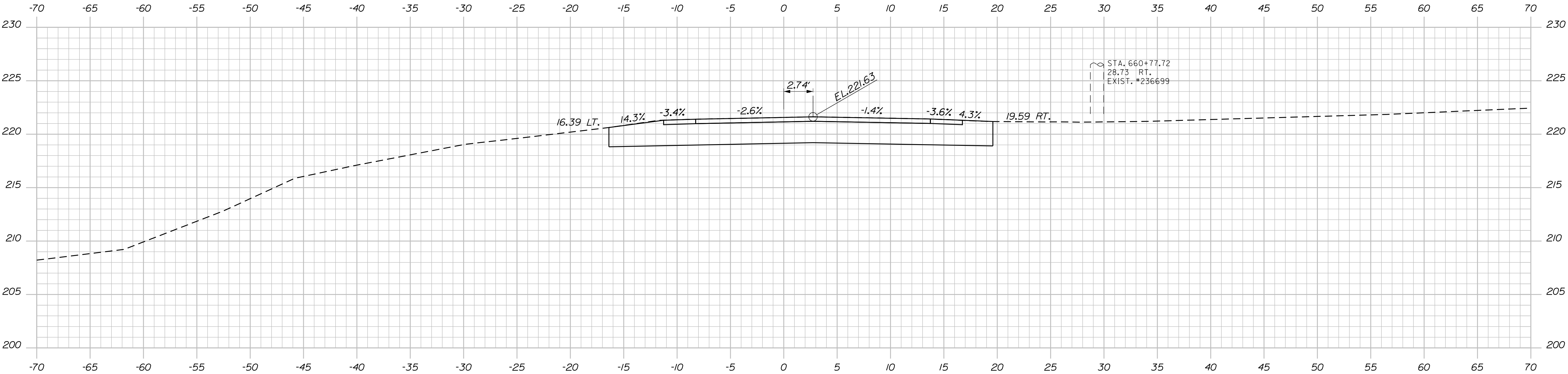
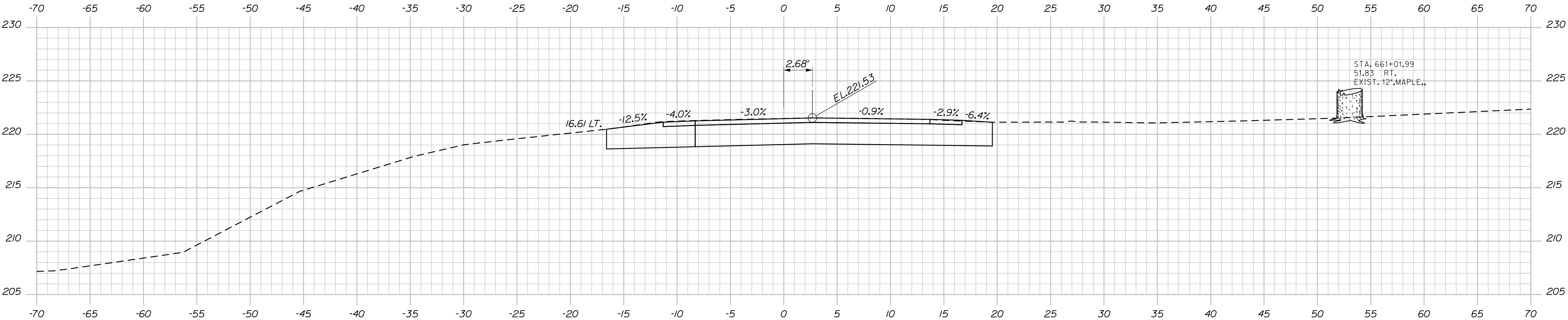
Scale of Feet

Date:1/8/2025

Username:

Division: BRIDGE

Filename: ... \MSTAN\007_XSECT_660+50_001.dgn



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
25425.00	
WIN	
25425.00	

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	R. SOURCE	BY	DATE
	OK	OK		TMC	DEC 2024
SIGNATURE					
P.E. NUMBER					
DATE					

MATTAWMKEAG	
ROUTE 2	
CROSS SECTIONS	

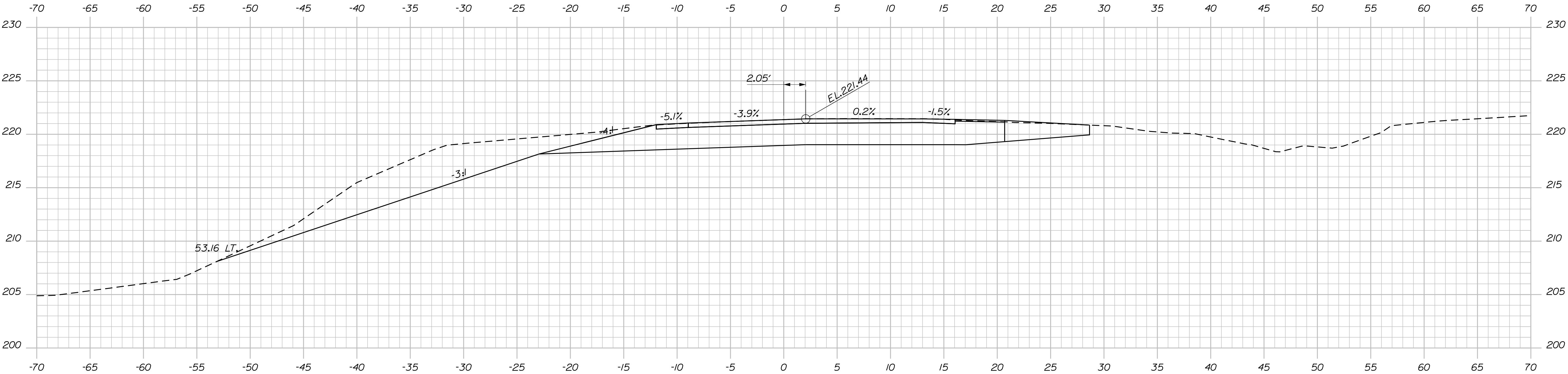
SHEET NUMBER	
7	
OF 12	

Date:1/8/2025

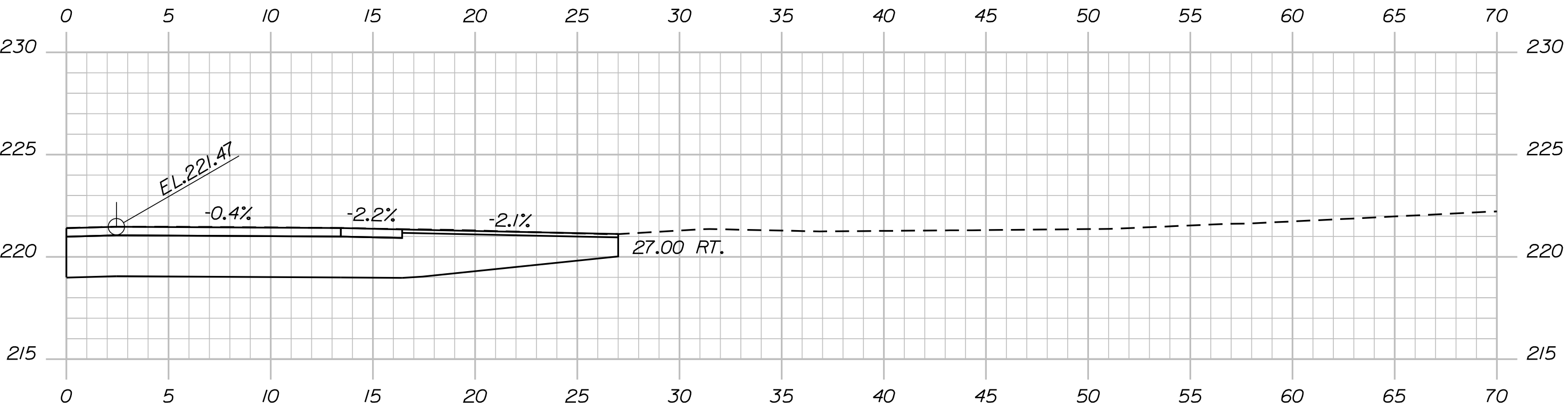
Username:

Division: BRIDGE

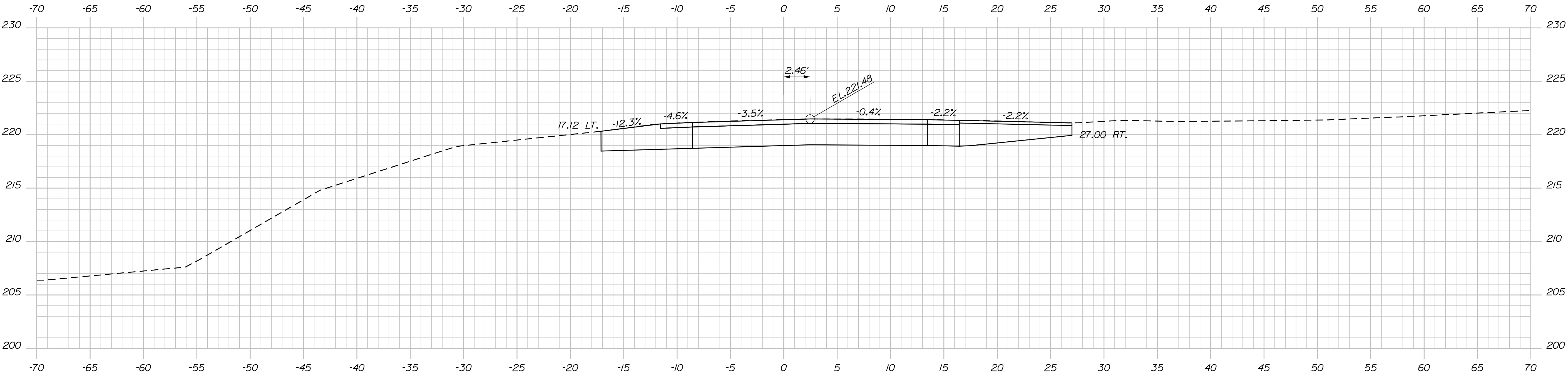
Filename: ... \MSTAN008_XSECT_661+25_002.dgn



661+50.00



661+26.00 (DRIVEWAY RIGHT)



661+25.00

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
25425.00	
WIN	
25425.00	

PROJ. MANAGER	R. SOURCE	BY	DATE	
DESIGN-DETAILED	RPM	OK	DEC 2024	SIGNATURE
CHECKED-REVIEWED	OK	TMC	DEC 2024	
DESIGN-DETAILED	OK			
DESIGN-DETAILED				P.E. NUMBER
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				DATE
REVISIONS 4				
FIELD CHANGES				

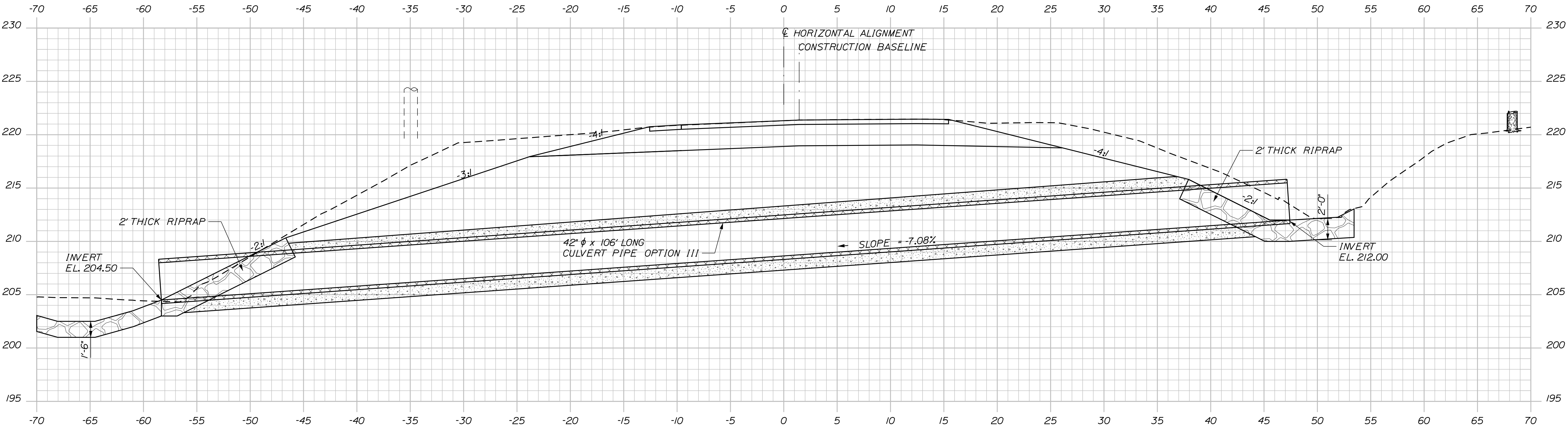
MATTAWAKEAG	
ROUTE 2	
CROSS SECTIONS	

SHEET NUMBER	
8	
OF 12	

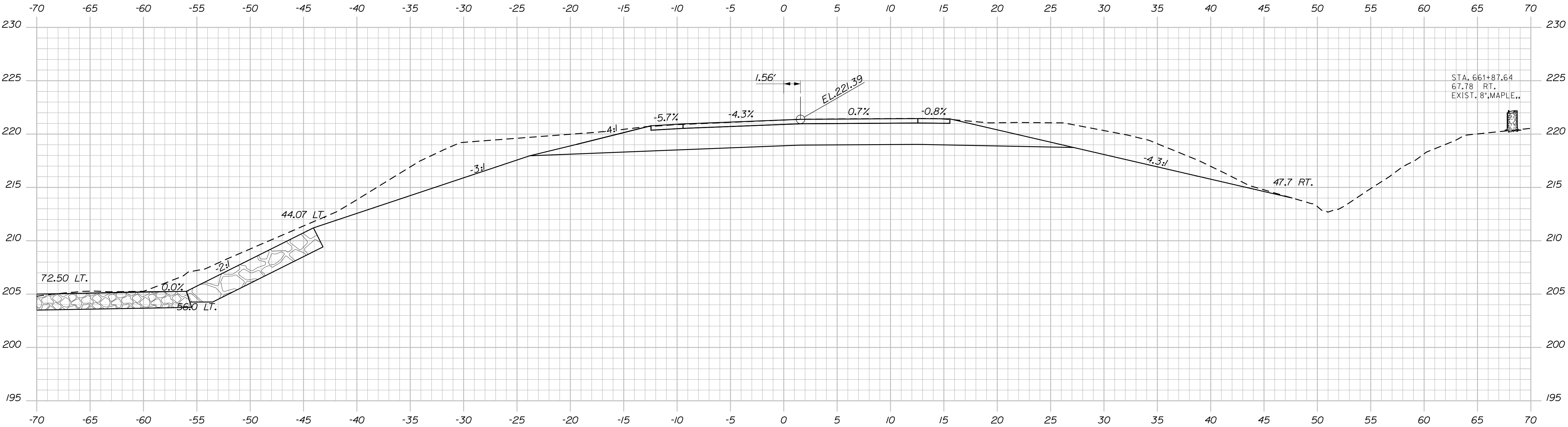
Date:1/8/2025

Username:

Filename: ... \MSTAN\09_XSECT_661+75_003.dgn Division: BRIDGE



661+80.40
(CULVERT PIPE OPTION III SECTION)



661+75.00

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
25425.00	
WIN	
25425.00	

PROJ. MANAGER	R. SOURCE	BY	DATE	
DESIGN-DETAILED	RPM	OKK	DEC 2024	SIGNATURE
CHECKED-REVIEWED	OKK	TMC	DEC 2024	
DESIGN-DETAILED				
DESIGN-DETAILED				P.E. NUMBER
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				DATE
REVISIONS 4				
FIELD CHANGES				

MATTAWAMKEAG	
ROUTE 2	
CROSS SECTIONS	

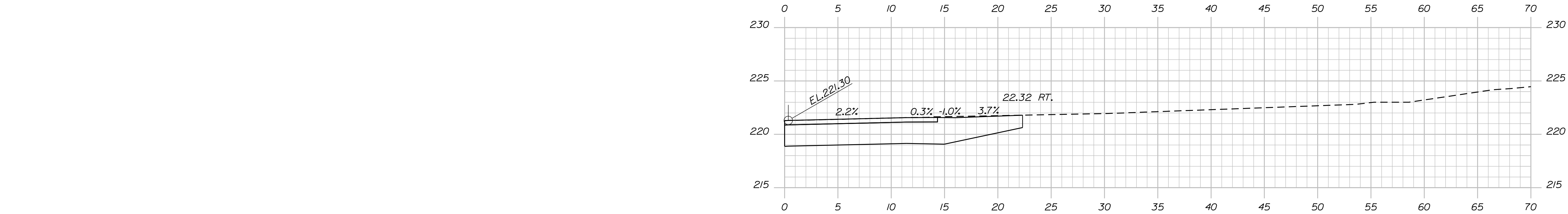
SHEET NUMBER	
9	
OF 12	

Date:1/8/2025

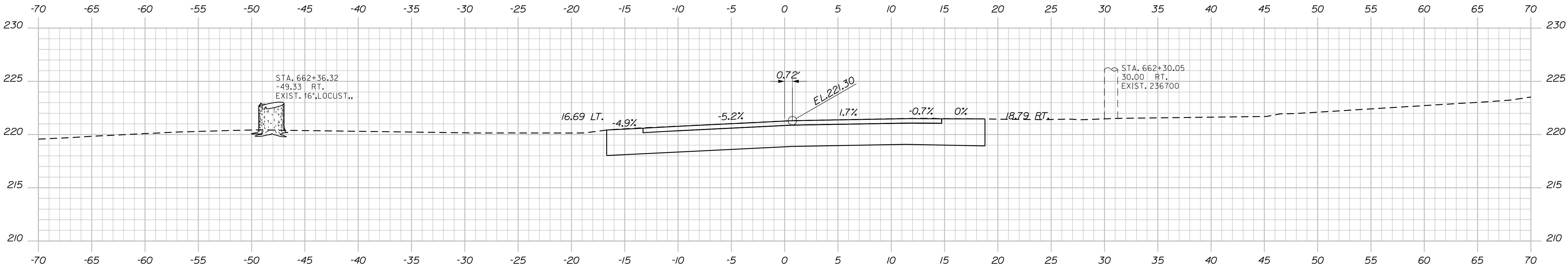
Username:

Division: BRIDGE

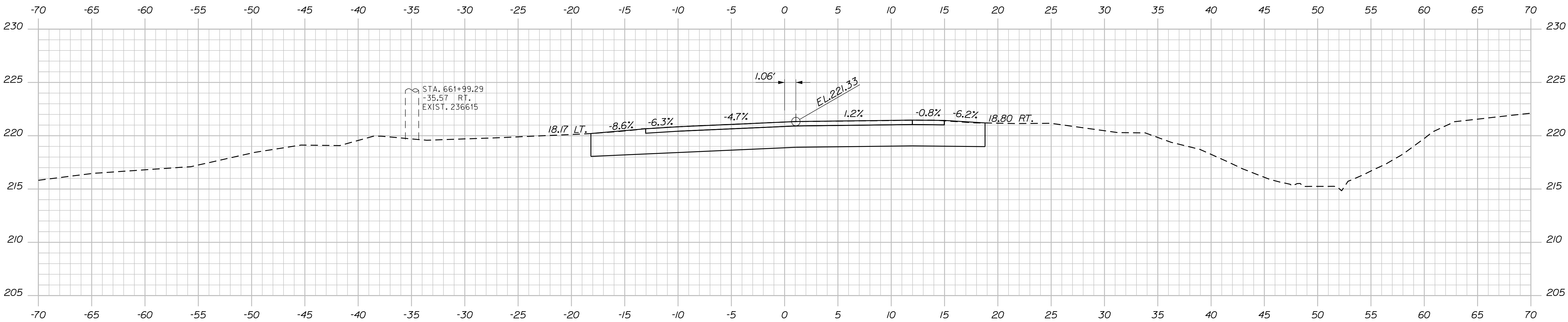
Filename: ... \MSTAO10_XSECT_662+00_004.dgn



662+48.00 (DRIVEWAY RIGHT)



662+25.00



662+00.00

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
25425.00	
WIN	
25425.00	

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	R. SOURCE	BY	DATE
	OK	OK	TMC		DEC 2024
SIGNATURE					
P.E. NUMBER					
DATE					

MATTAWAMKEAG	
ROUTE 2	
CROSS SECTIONS	

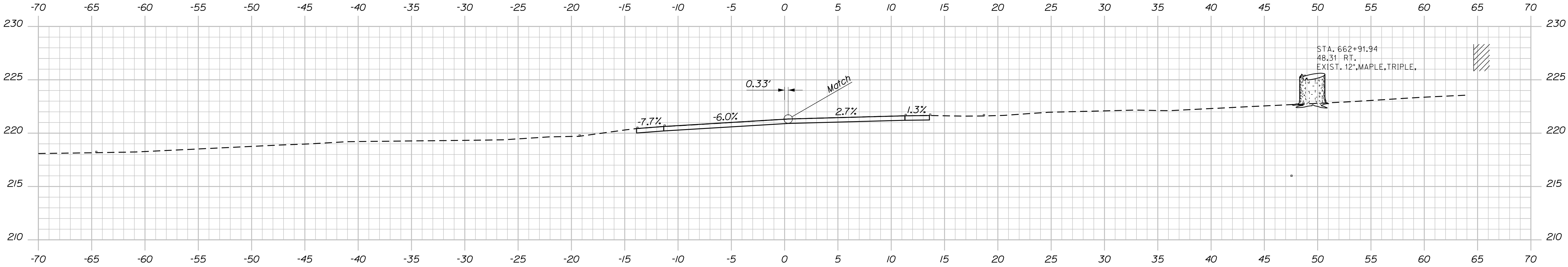
SHEET NUMBER	
10	
OF 12	

Date:1/8/2025

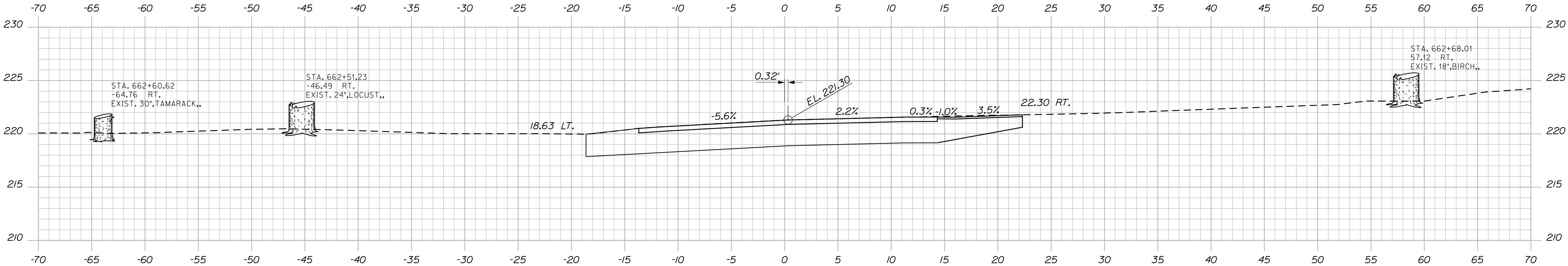
Username:

Division: BRIDGE

Filename: ... \MSTA\01_XSECT_662+50_005.dgn



662+75.00 LIMITS OF WORK
END TRANSITION
MATCH EXISTING



662+50.00 END FULL DEPTH RECONSTRUCTION
BEGIN TRANSITION
END PROJECT

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
25425.00	
WIN	25425.00

SIGNATURE	
P.E. NUMBER	
DATE	

MATTAWMKEAG ROUTE 2	
CROSS SECTIONS	

SHEET NUMBER	
11	
OF 12	

