STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLAN LEGEND

Town, County, State		Centerline-Existing	
Property Lines		Centerline-Proposed	10+00
R/W Lines-Existing		Travelway-Existing	
R/W Lines-Proposed		Travelway-Proposed	
Culvert-Existing		Railroad	
Culvert Proposed		Catch Basins	Existing ■ Proposed
Curbing	Existing Proposed	Manholes	Existing ● Proposed
Type 1		Proposed Underdrain	
Type 3		Proposed Ditch	
Type 5		Existing Ditch	
Outline of Bodies of Water		Utlity Poles	Existing ♦ Proposed
Ledge		Fire Hydrants	Existing ◆ Proposed
Buildings		Existing Water Line	
Trees	Conifer Deciduous	Existing San. Sewer	
Tree Line		Existing San. Sewer Manhole	
Clearing Limit Line	CLL	Guardrail-Existing	
		Guardrail-Proposed	
		Guardrail-Cable, Other	

ACTON
YORK COUNTY
ROUTE 109

STP-2026(700)
PROJECT LENGTH : 2.21 MILES

INDEX OF SHEETS

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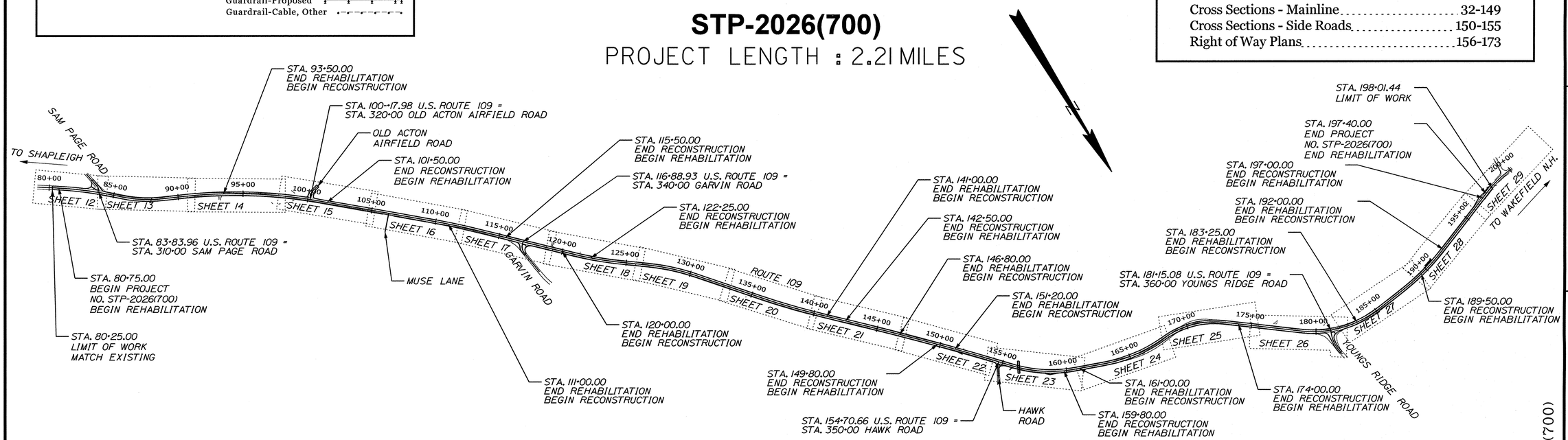


LAYOUT SCALE

400 0 400 800

Scale in Feet

TRAFFIC DATA

Current (2024) AADT	1910
Future (2044) AADT	2100
DHV - % of AADT	11%
Design Hour Volume	231
% Heavy Trucks (AADT)	12%
% Heavy Trucks (DHV)	7%
Directional Distribution (DHV)	51%
18 kip Equivalent P 2.0	91
18 kip Equivalent P 2.5	86
Design Speed (mph)	45
Functional Class:	Major Collector
Highway Corridor Priority:	2

PROJECT LOCATION:	ROUTE 109 BEGINNING APPROXIMATELY 309' EASTERLY OF THE NORTHERLY JUNCTION OF SAM PAGE ROAD AND EXTENDING WEST 2.21 MILES TO THE EASTERLY BRIDGE JOINT BEFORE THE NH BORDER.
PROGRAM AREA:	HIGHWAY PROGRAM
SCOPE OF WORK:	HIGHWAY REHABILITATION WITH GRADING, BASE, PAVEMENT AND DRAINAGE.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED — DATE 8/29/24

COMMISSIONER: — DATE 8/29/24

DEPUTY CHIEF ENGINEER:

STATE OF MAINE · SHAWN R. DAVIS No. 12272 · REGISTERED PROFESSIONAL ENGINEER

SIGNATURE — P.E. NUMBER 12272 — DATE 8/22/2024

PROJECT INFORMATION

PROGRAM	HIGHWAY
PROJECT MANAGER	L. HAMILTON
DESIGNER	T. KELLEY
CONSULTANT	T.Y. LIN INTERNATIONAL
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

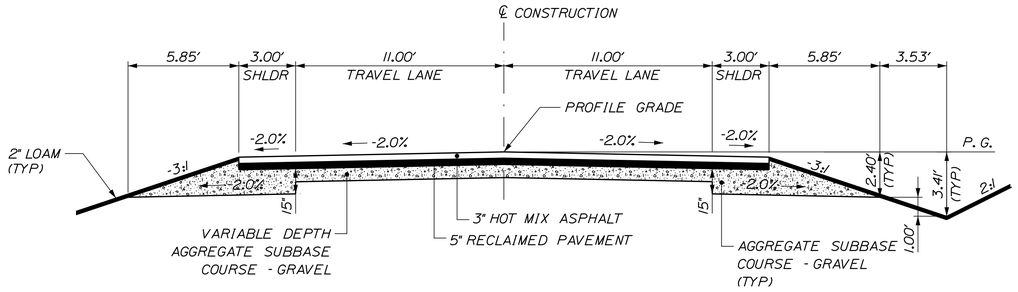
ACTON
ROUTE 109

TITLE SHEET

WIN 20267.00 STP-2026(700)

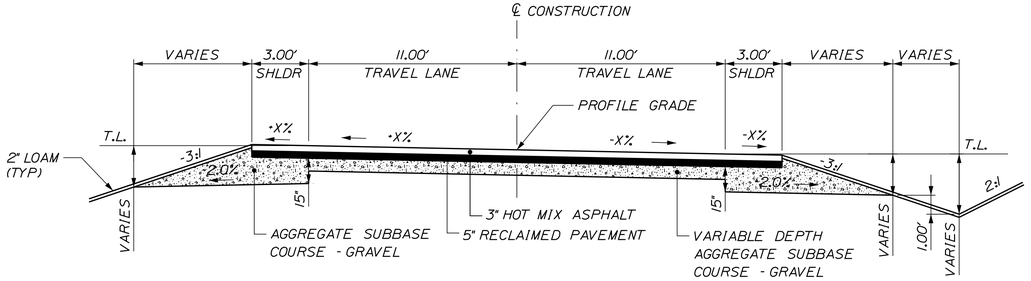
SHEET NUMBER
1
OF 173

Filename: ...\00\HIGHWAY\MSTA\001_Title.dgn Division: HIGHWAY Username: Date:8/16/2024



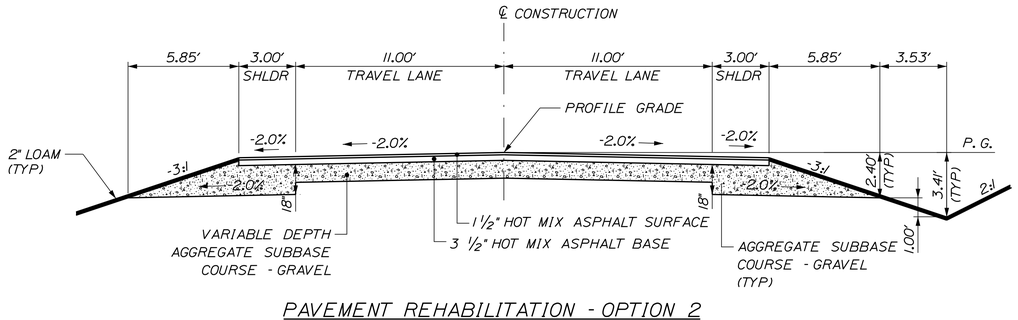
AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER 38.44 CY/100 LF	11' TRAVEL LANES 108.63 CY/100 LF	RIGHT SHOULDER 38.44 CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION
	102+50 TO 108+50	
	115+50 TO 120+00	
	132+00 TO 135+00	
	142+50 TO 147+00	
	150+00 TO 151+00	
	174+50 TO 178+00	

PAVEMENT REHABILITATION - OPTION 1
NORMAL



AGGREGATE SUBBASE COURSE GRAVEL		
HIGH SIDE SHOULDER (**) CY/100 LF	11' TRAVEL LANES VARIES CY/100 LF	LOW SIDE SHOULDER (**) CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION
81+00 TO 84+00 LT (53.00)	81+00 TO 84+00	81+00 TO 84+00 RT (37.48)
86+00 TO 88+50 LT (45.22)	86+00 TO 88+50	86+00 TO 88+50 RT (45.22)
90+50 TO 93+50 LT (42.59)	90+50 TO 93+50	90+50 TO 93+50 RT (45.85)
110+50 TO 111+00 LT (42.04)	110+50 TO 111+00	110+50 TO 111+00 RT (38.44)
122+50 TO 124+50 LT (44.11)	122+50 TO 124+50	122+50 TO 124+50 RT (43.26)
127+00 TO 130+50 LT (44.07)	127+00 TO 130+50	127+00 TO 130+50 RT (36.55)
136+50 TO 140+00 LT (38.44)	136+50 TO 140+00	136+50 TO 140+00 RT (42.04)
179+50 TO 183+50 LT (40.96)	179+50 TO 183+50	179+50 TO 183+50 RT (45.59)
190+00 TO 192+00 LT (44.33)	190+00 TO 192+00	190+00 TO 192+00 RT (60.96)

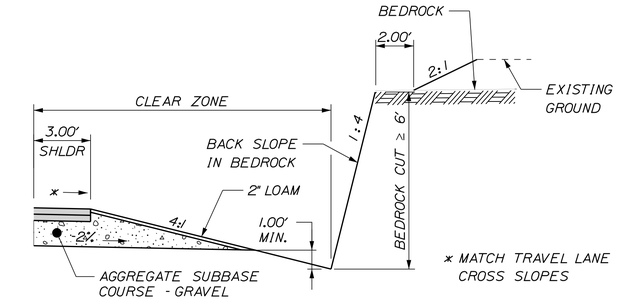
PAVEMENT REHABILITATION - OPTION 1
SUPERELEVATION



PAVEMENT REHABILITATION - OPTION 2
NORMAL

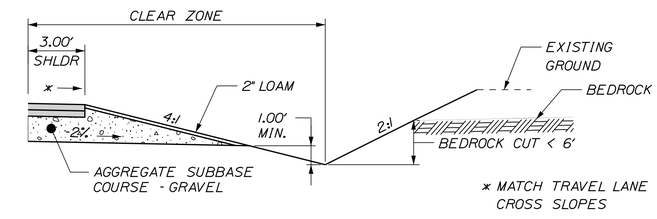
NOTES:

1. THE PAVEMENT, BASE, AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. SHOULDERS SHALL HAVE THE SAME SLOPE AS THE TRAVEL LANES.
3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 2 INCH LOAM DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
5. THE STATIONING UNDER EACH TYPICAL IS APPROXIMATE AND INCLUDES TRANSITION AREAS.
6. UNDER 4" HMA SHALL BE 5" OF RECLAIMED PAVEMENT FROM THE PROJECT. PAYMENT FOR ANY NECESSARY PROCESSING AND PLACEMENT OF RECLAIMED PAVEMENT WILL BE MADE UNDER ITEM 304.10 - AGGREGATE SUBBASE COARSE GRAVEL.
7. SEE TYPICAL SECTIONS - 4 FOR SUPERELEVATION TABLES.
8. SEE GENERAL NOTES FOR ADDITIONAL INFORMATION.



AGGREGATE SUBBASE COURSE GRAVEL
SHOULDER VARIES CY/100 LF
STATION TO STATION

BEDROCK CUT (≥6')
NORMAL



AGGREGATE SUBBASE COURSE GRAVEL
SHOULDER VARIES CY/100 LF
STATION TO STATION

BEDROCK CUT (<6')
NORMAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEIZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

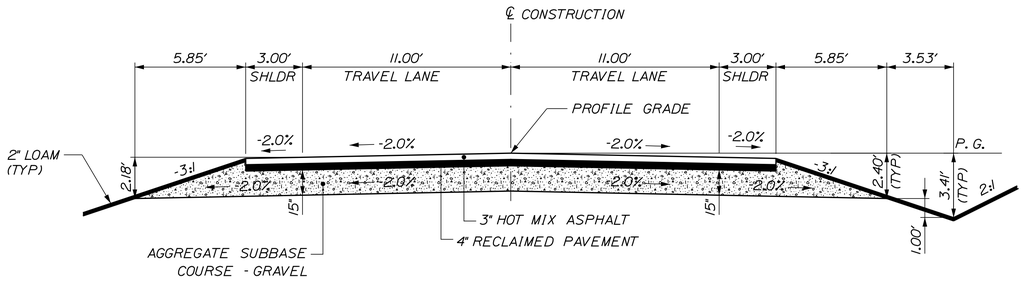
ACTON
ROUTE 109

TYPICAL SECTIONS - 1

SHEET NUMBER
2
OF 173

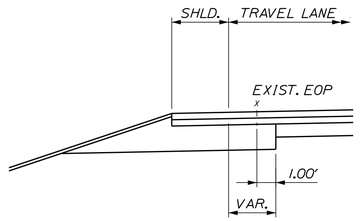
TYLin

Filename: ...\MSTA\xxx_Typicals_01.dgn Division: HIGHWAY Username: Date:8/16/2024



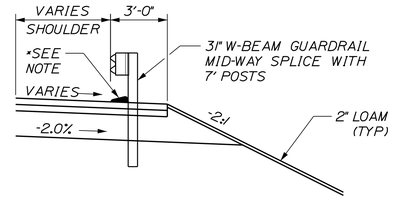
AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER 34.66 CY/100 LF	11' TRAVEL LANES 108.63 CY/100 LF	RIGHT SHOULDER 34.66 CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION
114+50 TO 115+50 LT	114+50 TO 115+50	114+50 TO 115+50 RT
141+50 TO 142+50 LT	141+50 TO 142+50	141+50 TO 142+50 RT
147+00 TO 150+00 LT	147+00 TO 150+00	147+00 TO 150+00 RT
151+00 TO 155+00 LT	151+00 TO 155+00	151+00 TO 155+00 RT
193+50 TO 197+00 LT	193+50 TO 197+00	193+50 TO 197+00 RT

FULL RECONSTRUCTION
NORMAL



AGGREGATE SUBBASE COURSE GRAVEL
SHOULDER VARIES CY/100 LF
STATION TO STATION

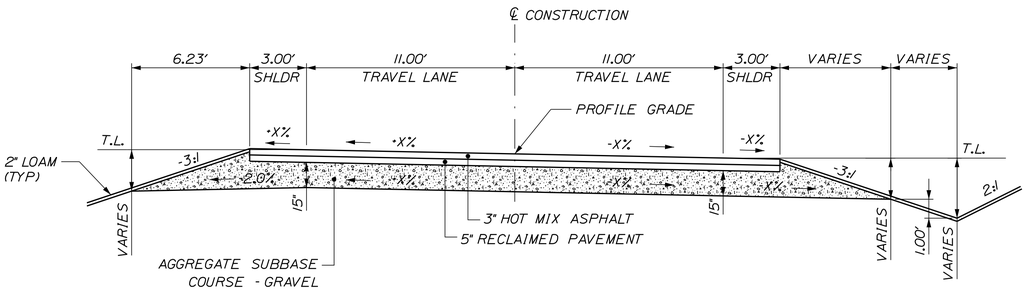
SUBBASE WIDENING



AGGREGATE SUBBASE COURSE GRAVEL
SHOULDER VARIES CY/100 LF
STATION TO STATION

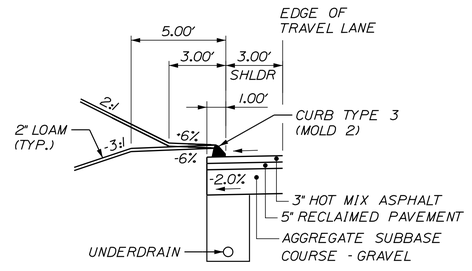
* CURB TYPE 3 (MOLD 3)
STA. 197+47 TO STA. 198+02.4, RT.

GUARDRAIL SECTION



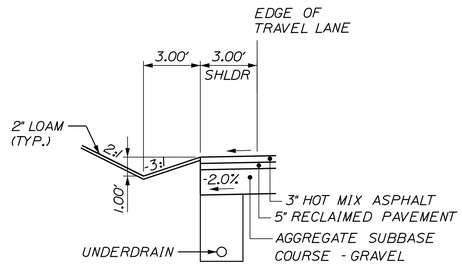
AGGREGATE SUBBASE COURSE GRAVEL		
HIGH SIDE SHOULDER (**) CY/100 LF	11' TRAVEL LANES 108.63 CY/100 LF	LOW SIDE SHOULDER (**) CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION
93+50 TO 100+50 LT (42.59)	93+50 TO 101+50	93+50 TO 100+50 RT (37.93)
111+00 TO 112+50 LT (42.04)	111+00 TO 114+50	111+00 TO 112+50 RT (38.44)
121+50 TO 122+50 LT (38.44)	121+50 TO 122+50	121+50 TO 122+40 RT (43.41)
156+50 TO 160+50 LT (14.26)	156+50 TO 160+50	156+50 TO 160+50 RT (45.22)
161+50 TO 162+50 LT (38.44)	161+50 TO 162+50	161+50 TO 162+50 RT (30.30)
163+50 TO 167+00 LT (18.85)	163+50 TO 167+00	163+50 TO 167+00 RT (44.93)
169+00 TO 173+00 LT (14.81)	169+00 TO 173+00	169+00 TO 173+00 RT (35.04)
183+50 TO 185+50 LT (35.19)	183+50 TO 185+50	183+50 TO 185+50 RT (45.59)
186+00 TO 188+00 LT (47.00)	186+00 TO 188+00	186+00 TO 188+00 RT (51.67)
188+50 TO 190+00 LT (19.04)	188+50 TO 190+00	188+50 TO 190+00 RT (44.26)

FULL RECONSTRUCTION
SUPERELEVATION



AGGREGATE SUBBASE COURSE GRAVEL
SHOULDER VARIES CY/100 LF
STATION TO STATION

CURB SECTION



AGGREGATE SUBBASE COURSE GRAVEL
SHOULDER VARIES CY/100 LF
STATION TO STATION

SHALLOW VEE SECTION

NOTES:

1. SEE TYPICAL SECTIONS - 1 FOR NOTES.
2. SEE TYPICAL SECTIONS - 4 FOR SUPERELEVATION TABLES.

TYLin

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

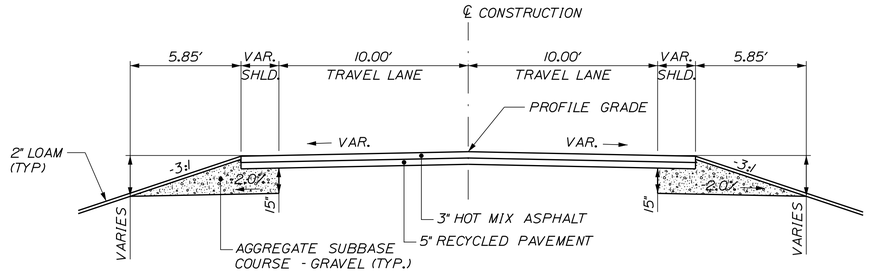
	SIGNATURE	P.E. NUMBER	DATE
R. BETZ			
PROJ. MANAGER			
DESIGN-DETAILED	T. KELLEY	3/2016	
CHECKED-REVIEWED	H. COWAN	3/2016	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ACTON
ROUTE 109

TYPICAL SECTIONS - 2

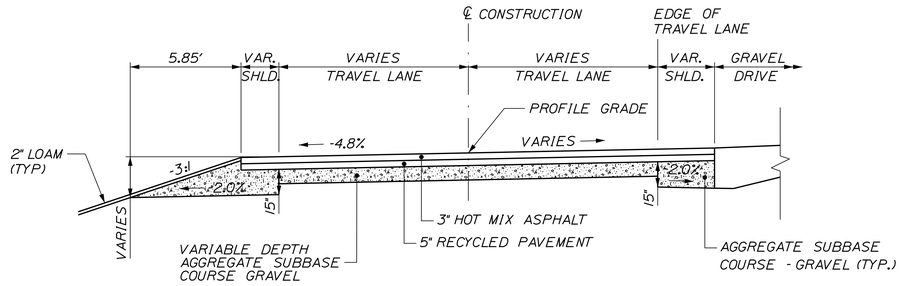
SHEET NUMBER
3
OF 173

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\MSTA\xxx_Typicals_02.dgn



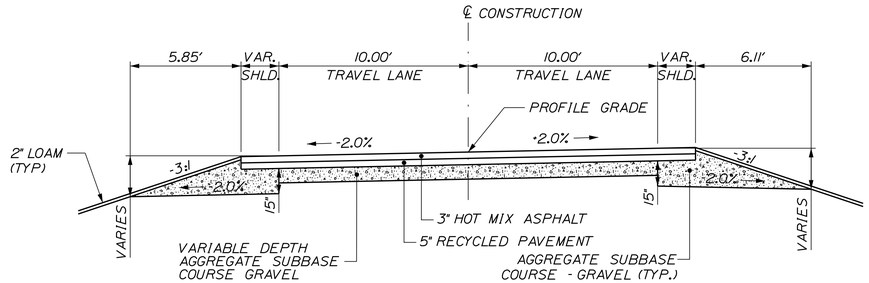
AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES CY/100 LF	10' TRAVEL LANES VARIES CY/100 LF	RIGHT SHOULDER VARIES CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION

SAM PAGE ROAD
NORMAL



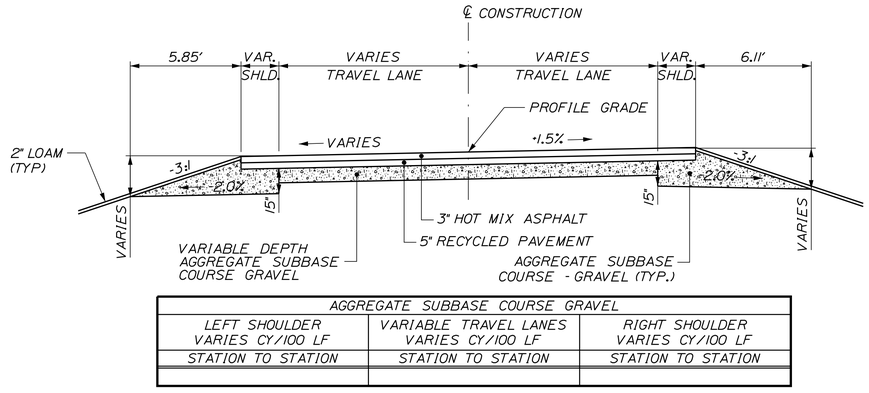
AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES CY/100 LF	VARIABLE TRAVEL LANES VARIES CY/100 LF	RIGHT SHOULDER VARIES CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION

HAWK ROAD
SUPERELEVATION



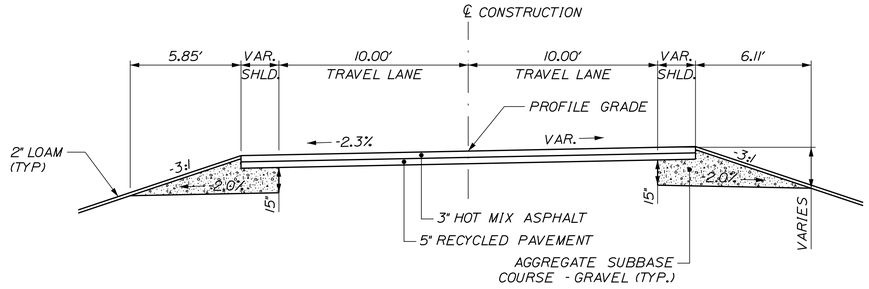
AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES CY/100 LF	10' TRAVEL LANES VARIES CY/100 LF	RIGHT SHOULDER VARIES CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION

OLD ACTON AIRFIELD ROAD
NORMAL



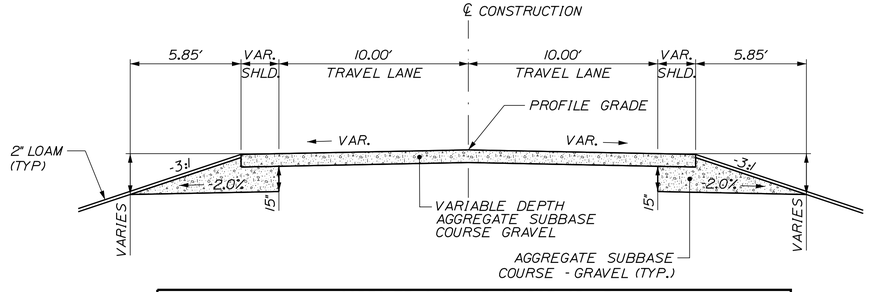
AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES CY/100 LF	VARIABLE TRAVEL LANES VARIES CY/100 LF	RIGHT SHOULDER VARIES CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION

YOUNGS RIDGE ROAD
SUPERELEVATION



AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES CY/100 LF	10' TRAVEL LANES VARIES CY/100 LF	RIGHT SHOULDER VARIES CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION

GARVIN ROAD
NORMAL



AGGREGATE SUBBASE COURSE GRAVEL		
LEFT SHOULDER VARIES CY/100 LF	10' TRAVEL LANES VARIES CY/100 LF	RIGHT SHOULDER VARIES CY/100 LF
STATION TO STATION	STATION TO STATION	STATION TO STATION

MUSE ROAD
NORMAL

NOTES:

1. SEE TYPICAL SECTIONS - 1 FOR NOTES.
2. SEE TYPICAL SECTIONS - 4 FOR SUPERELEVATION TABLES.

TYLin

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BEITZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

TYPICAL SECTIONS - 3

SHEET NUMBER

4

OF 173

Filename: ...\MSTA\xxx_Typicals_03.dgn Division: HIGHWAY Username: Date:8/16/2024

SUPERELEVATION TABLES

SAM PAGE ROAD

LT. SHOULDER	LT. TRAVEL LANE	STATION	RT. TRAVEL LANE	RT. SHOULDER
EDGE OF MAINLINE SHOULDER				
0.93%	1.17%	310+14.21	-1.17%	-1.17%
*	0.77%	310+25	-1.59%	*
*	0.48%	310+33	-1.90%	*
*	0.11%	310+43	-1.90%	*
*	-0.15%	310+50	-1.90%	*
*	-1.36%	310+75	-1.90%	*
*	-2.57%	311+00	-1.90%	*
-3.30%	-3.10%	311+11	-1.90%	-4.60%
END SIDE ROAD CONSTRUCTION				

OLD ACTON AIRFIELD ROAD

LT. SHOULDER	LT. TRAVEL LANE	STATION	RT. TRAVEL LANE	RT. SHOULDER
EDGE OF MAINLINE SHOULDER				
-1.80%	-1.80%	320+14	2.10%	2.10%
*	-2.00%	320+25	2.00%	*
*	-2.00%	320+50	2.00%	*
*	-2.00%	320+72	2.00%	*
*	-1.88%	320+75	1.88%	*
*	-0.89%	321+00	0.89%	*
*	0.10%	321+25	-0.10%	*
END SIDE ROAD CONSTRUCTION				

MUSE LANE

LT. SHOULDER	LT. TRAVEL LANE	STATION	RT. TRAVEL LANE	RT. SHOULDER
EDGE OF MAINLINE SHOULDER				
-0.09%	-0.09%	330+14	-0.46%	-0.46%
-0.80%	-0.80%	330+25	-0.93%	-0.93%
-1.50%	-1.50%	330+36	-1.40%	-1.40%
END SIDE ROAD CONSTRUCTION				

GARVIN ROAD

LT. SHOULDER	LT. TRAVEL LANE	STATION	RT. TRAVEL LANE	RT. SHOULDER
EDGE OF MAINLINE SHOULDER				
-3.82%	-3.82%	340+14	4.00%	4.00%
*	-3.80%	340+20	3.67%	*
*	-3.80%	340+50	2.00%	*
*	-3.80%	340+52	1.88%	*
*	-3.80%	340+75	0.60%	*
*	-2.41%	341+00	-0.79%	*
*	-2.30%	341+02	-0.90%	*
END SIDE ROAD CONSTRUCTION				

HAWK ROAD

LT. SHOULDER	LT. TRAVEL LANE	STATION	RT. TRAVEL LANE	RT. SHOULDER
EDGE OF MAINLINE SHOULDER				
-4.64%	-4.64%	350+14	4.89%	4.89%
-	-4.80%	350+25	4.80%	-
-	-4.80%	350+50	4.20%	-
END SIDE ROAD CONSTRUCTION				

YOUNGS RIDGE ROAD

LT. SHOULDER	LT. TRAVEL LANE	STATION	RT. TRAVEL LANE	RT. SHOULDER
EDGE OF MAINLINE SHOULDER				
*	0.64%	360+14	-0.84%	*
*	0.23%	360+25	-0.54%	*
*	-0.72%	360+50	0.14%	*
*	-2.60%	361+00	1.50%	*
*	-4.49%	361+50	1.50%	*
*	-6.00%	361+90	1.50%	*
END SIDE ROAD CONSTRUCTION				

* SEE INTERSECTION GRADING PLAN FOR ADDITIONAL INFORMATION

U.S. ROUTE 109

LT. SHOULDER	LT. TRAVEL LANE	STATION	RT. TRAVEL LANE	RT. SHOULDER
MATCH EXISTING				
-0.80%	0.00%	80+25	-3.40%	-3.40%
-0.02%	1.03%	80+50	-3.10%	-3.10%
1.54%	3.10%	81+00	-3.10%	-3.10%
3.10%	3.10%	81+50	-3.10%	-3.10%
3.10%	3.10%	82+00	-3.10%	-3.10%
		TO		
3.10%	3.10%	83+50	-3.10%	-3.10%
3.10%	3.10%	84+00	-3.10%	-3.10%
0.98%	0.98%	84+50	-0.98%	-0.98%
-1.15%	-1.15%	85+00	1.15%	1.15%
-3.28%	-3.28%	85+50	3.28%	3.28%
-5.40%	-5.40%	86+00	5.40%	5.40%
-5.40%	-5.40%	86+50	5.40%	5.40%
		TO		
-5.40%	-5.40%	88+00	5.40%	5.40%
-5.40%	-5.40%	88+50	5.40%	5.40%
-3.40%	-3.40%	89+00	3.40%	3.40%
-1.40%	-1.40%	89+50	1.40%	1.40%
0.60%	0.60%	90+00	-0.60%	-0.60%
2.60%	2.60%	90+50	-2.60%	-2.60%
2.60%	2.60%	91+00	-2.60%	-2.60%
		TO		
2.60%	2.60%	100+00	-2.60%	-2.60%
2.60%	2.60%	100+50	-2.60%	-2.60%
2.00%	2.00%	100+76.1	-2.00%	-2.00%
1.45%	1.45%	101+00	-2.00%	-2.00%
0.30%	0.30%	101+50	-2.00%	-2.00%
-0.85%	-0.85%	102+00	-2.00%	-2.00%
-2.00%	-2.00%	102+50	-2.00%	-2.00%
-2.00%	-2.00%	103+00	-2.00%	-2.00%
		TO		
-2.00%	-2.00%	108+00	-2.00%	-2.00%
-2.00%	-2.00%	108+50	-2.00%	-2.00%
-1.00%	-1.00%	109+00	-2.00%	-2.00%
0.00%	0.00%	109+50	-2.00%	-2.00%
1.00%	1.00%	110+00	-2.00%	-2.00%
2.00%	2.00%	110+50	-2.00%	-2.00%
2.00%	2.00%	111+00	-2.00%	-2.00%
		TO		
2.00%	2.00%	112+00	-2.00%	-2.00%
2.00%	2.00%	112+50	-2.00%	-2.00%
1.00%	1.00%	113+00	-2.00%	-2.00%
0.00%	0.00%	113+50	-2.00%	-2.00%
-1.00%	-1.00%	114+00	-2.00%	-2.00%
-2.00%	-2.00%	114+50	-2.00%	-2.00%
-2.00%	-2.00%	115+00	-2.00%	-2.00%
		TO		
-2.00%	-2.00%	119+00	-2.00%	-2.00%
-2.00%	-2.00%	119+50	-2.00%	-2.00%
-2.00%	-2.00%	120+00	-0.68%	-0.68%
-2.00%	-2.00%	120+50	0.65%	0.65%
-2.00%	-2.00%	121+00	1.98%	1.98%
-2.00%	-2.00%	121+00.9	2.00%	2.00%
-3.30%	-3.30%	121+50	3.30%	3.30%
-3.30%	-3.30%	122+00	3.30%	3.30%
		TO		
-3.30%	-3.30%	123+50	3.30%	3.30%
-3.30%	-3.30%	124+00	3.30%	3.30%
-2.05%	-2.05%	124+50	2.05%	2.05%
-0.80%	-0.80%	125+00	0.80%	0.80%
0.45%	0.45%	125+50	-0.45%	-0.45%
1.70%	1.70%	126+00	-1.70%	-1.70%
2.95%	2.95%	126+50	-2.95%	-2.95%
4.20%	4.20%	127+00	-4.20%	-4.20%
4.20%	4.20%	127+50	-4.20%	-4.20%
		TO		
4.20%	4.20%	129+50	-4.20%	-4.20%
4.20%	4.20%	130+00	-4.20%	-4.20%
2.65%	2.65%	130+50	-2.65%	-2.65%
2.00%	2.00%	130+71.0	-2.00%	-2.00%
1.10%	1.10%	131+00	-2.00%	-2.00%
-0.45%	-0.45%	131+50	-2.00%	-2.00%
-2.00%	-2.00%	132+00	-2.00%	-2.00%
-2.00%	-2.00%	132+50	-2.00%	-2.00%
		TO		
-2.00%	-2.00%	134+00	-2.00%	-2.00%
-2.00%	-2.00%	134+50	-2.00%	-2.00%
-2.00%	-2.00%	135+00	-1.00%	-1.00%
-2.00%	-2.00%	135+50	0.00%	0.00%
-2.00%	-2.00%	136+00	1.00%	1.00%
-2.00%	-2.00%	136+50	2.00%	2.00%
-2.00%	-2.00%	137+00	2.00%	2.00%
		TO		
-2.00%	-2.00%	139+00	2.00%	2.00%
-2.00%	-2.00%	139+50	2.00%	2.00%
-2.00%	-2.00%	140+00	1.00%	1.00%
(CONTINUED)				

U.S. ROUTE 109 (CONTINUED)

LT. SHOULDER	LT. TRAVEL LANE	STATION	RT. TRAVEL LANE	RT. SHOULDER
-2.00%	-2.00%	140+50	0.00%	0.00%
-2.00%	-2.00%	141+00	-1.00%	-1.00%
-2.00%	-2.00%	141+50	-2.00%	-2.00%
-2.00%	-2.00%	142+00	-2.00%	-2.00%
		TO		
-2.00%	-2.00%	154+00	-2.00%	-2.00%
-2.00%	-2.00%	154+50	-2.00%	-2.00%
-2.00%	-2.00%	155+00	-0.15%	-0.15%
-2.00%	-2.00%	155+50	1.70%	1.70%
-2.00%	-2.00%	155+58.1	2.00%	2.00%
-3.55%	-3.55%	156+00	3.55%	3.55%
-5.40%	-5.40%	156+50	5.40%	5.40%
-5.40%	-5.40%	157+00	5.40%	5.40%
		TO		
-5.40%	-5.40%	160+00	5.40%	5.40%
-5.40%	-5.40%	160+40	5.40%	5.40%
-4.95%	-4.95%	160+50	4.95%	4.95%
-2.68%	-2.68%	161+00	2.68%	2.68%
-2.00%	-2.00%	161+15	2.00%	2.00%
-2.00%	-2.00%	161+50	2.00%	2.00%
-2.00%	-2.00%	162+00	2.00%	2.00%
-2.00%	-2.00%	162+45	2.00%	0.60%
-2.24%	-2.24%	162+50	2.24%	0.40%
-4.62%	-4.62%	163+00	4.62%	-1.60%
-5.10%	-5.10%	163+10	5.10%	-2.00%
-5.10%	-5.10%	163+50	5.10%	-2.00%
		164+00		-2.00%
		164+50		-0.03%
TO	TO	165+00	TO	1.94%
		165+50		3.92%
		165+80		5.10%
-5.10%	-5.10%	166+00	5.10%	5.10%
-5.10%	-5.10%	166+50	5.10%	5.10%
-2.88%	-2.88%	167+00	2.88%	2.88%
-0.66%	-0.66%	167+50	0.66%	0.66%
1.56%	1.56%	168+00	-1.56%	-1.56%
3.78%	3.78%	168+50	-3.78%	-3.78%
6.00%	6.00%	169+00	-6.00%	-6.00%
6.00%	6.00%	169+50	-6.00%	-6.00%
		TO		
6.00%	6.00%	172+00	-6.00%	-6.00%
6.00%	6.00%	172+50	-6.00%	-6.00%
3.71%	3.71%	173+00	-3.71%	-3.71%
2.00%	2.00%	173+37.5	-2.00%	-2.00%
1.43%	1.43%	173+50	-2.00%	-2.00%
-0.86%	-0.86%	174+00	-2.00%	-2.00%
-2.00%	-2.00%	174+25	-2.00%	-2.00%
-2.00%	-2.00%	174+50	-2.00%	-2.00%
		TO		
-2.00%	-2.00%	177+00	-2.00%	-2.00%
-2.00%	-2.00%	177+50	-2.00%	-2.00%
-2.00%	-2.00%	178+00	-0.05%	-0.05%
-2.00%	-2.00%	178+50	1.90%	1.90%
-2.00%	-2.00%	178+52.6	2.00%	2.00%
-3.85%	-3.85%	179+00	3.85%	3.85%
-5.80%	-5.80%	179+50	5.80%	5.80%
-5.80%	-5.80%	180+00	5.80%	5.80%
		TO		
-5.80%	-5.80%	185+00	5.80%	5.80%
-5.80%	-5.80%	185+10	5.80%	5.80%
-3.90%	-3.90%	185+50	3.90%	3.90%
-2.00%	-2.00%	185+90	2.00%	2.00%
-2.00%	-2.00%	186+00	2.00%	2.00%
		TO		
-2.00%	-2.00%	187+50	2.00%	2.00%
-2.00%	-2.00%	187+55	2.00%	2.00%
-4.16%	-4.16%	188+00	4.16%	4.16%
-4.40%	-4.40%	188+05	4.40%	4.40%
-4.40%	-4.40%	188+50	4.40%	4.40%
		TO		
-4.40%	-4.40%	191+00	4.40%	4.40%
-4.40%	-4.40%	191+50	4.40%	4.40%
-2.80%	-2.80%	192+00	2.80%	2.80%
-2.00%	-2.00%	192+25.0	2.00%	2.00%
-2.00%	-2.00%	192+50	1.20%	1.20%
-2.00%	-2.00%	193+00	-0.40%	-0.40%
-2.00%	-2.00%	193+50	-2.00%	-2.00%
-2.00%	-2.00%	194+00	-2.00%	-2.00%
		TO		
-2.00%	-2.00%	196+00	-2.00%	-2.00%
-2.00%	-2.00%	196+50	-2.00%	-2.00%
0.16%	0.16%	197+00	-3.55%	-3.55%
2.31%	2.31%	197+50	-5.10%	-5.10%
4.40%	4.40%	197+98.46	-6.60%	-6.60%
MATCH EXISTING BRIDGE				

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\MSTA\xxx_Typicals_04.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

TYPICAL SECTIONS - 4

SHEET NUMBER

5

OF 173

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ESTIMATED QUANTITIES			
ITEM NO.	*ITEM*	*UNIT*	*QUANTITY*
201.11	CLEARING	AC	6
201.23	REMOVING SINGLE TREE TOP ONLY	EA	26
201.24	REMOVING STUMP	EA	28
203.20	COMMON EXCAVATION	CY	41000
203.21	ROCK EXCAVATION	CY	3975
203.25	GRANULAR BORROW	CY	100
203.33	SPECIAL FILL - STREAMBED MATERIAL	CY	100
206.061	STRUCTURAL EARTH EXCAVATION - DRAINAGE AND MINOR STRUCTURES BELOW GRADE	CY	50
206.07	STRUCTURAL ROCK EXCAVATION - DRAINAGE AND MINOR STRUCTURES BELOW GRADE	CY	100
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	CY	18100
403.209	HOT MIX ASPHALT, 9.5 mm NOMINAL MAX. SIZE (DRIVES AND INCIDENTALS)	Ton	210
403.21041	HOT MIX ASPHALT, 9.5 mm POLYMER MOD THIN LIFT SURFACE	Ton	2150
403.2111	9.5 mm POLYMER MODIFED HMA (SHIM)	Ton	100
403.2131	HOT MIX ASPHALT, 12.5 mm POLYMER MODIFIED HMA BASE	Ton	4300
409.15	BITUMINOUS TACK COAT, APPLIED	G	1250
508.13	SHEET WATERPROOFING MEMBRANE (170 SY)	LS	1
511.07	COFFERDAM: UPSTREAM	LS	1
511.07	COFFERDAM: DOWNSTREAM	LS	1
524.301	TEMPORARY STRUCTURAL SUPPORT, ROADWAY	LS	1
526.301	PORTABLE CONCRETE BARRIER TYPE I (50 LF)	LS	1
527.34	WORK ZONE CRASH CUSHIONS	Unit	2
534.71	PRECAST CONCRETE BOX CULVERT (160 CY)	LS	1
603.16	15" CULVERT PIPE OPTION I	LF	820
603.17	18" CULVERT PIPE OPTION I	LF	64
603.175	18" RCP CLASS III	LF	760
603.43	36" RCP CLASS IV	LF	130
603.55	CONCRETE PIPE TIES	GP	44
604.092	CATCH BASIN TYPE B1-C	EA	2
605.09	6" UNDERDRAIN TYPE B	LF	1950
605.11	12" UNDERDRAIN TYPE C	LF	430
606.1301	31" W-BEAM GUARDRAIL - MID-WAY SPLICE (STEEL POST, 8" OFFSET BLOCKS, SINGLE FACED)	LF	375
606.1303	31" W-BEAM GUARDRAIL - MID-WAY SPLICE (STEEL POST, 8" OFFSET BLOCKS, 15' RADIUS AND LESS)	LF	50
606.1305	31" W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL (31" HEIGHT)	EA	2
606.1722	BRIDGE TRANSITION - TYPE II	EA	1
606.265	TERMINAL END - SINGLE RAIL - GALVANIZED STEEL	EA	2
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	EA	12
606.356	UNDERDRAIN DELINEATOR POST	EA	25
606.47	SINGLE WOOD POST	EA	15
609.31	CURB TYPE 3	LF	1440
610.08	PLAIN RIPRAP	CY	810
610.18	STONE DITCH PROTECTION	CY	160
610.210	STREAM CHANNEL ROCK	CY	66.0
610.212	STREAMBED ROCK FEATURES	CY	2
613.319	EROSION CONTROL BLANKET	SY	7300
615.07	LOAM	CY	3280
618.13	SEEDING METHOD NUMBER 1	Unit	17
618.14	SEEDING METHOD NUMBER 2	Unit	520
619.12	MULCH	Unit	540
620.58	EROSION CONTROL GEOTEXTILE	SY	2550
627.733	4" WHITE OR YELLOW PAVEMENT MARKING LINE	LF	34860
627.78	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW'	LF	69720
629.05	HAND LABOR, STRAIGHT TIME	HR	100
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	HR	30
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	HR	30
631.20	STUMP CHIPPER RENTAL (INCLUDING OPERATOR)	HR	20
631.221	SMALL FRONT END LOADER (INCLUDING OPERATOR)	HR	20
639.18	FIELD OFFICE, TYPE A	EA	1
642.15	PRECAST CONCRETE STEPS	EA	1
643.72	TEMPORARY TRAFFIC SIGNAL	LS	1
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	CD	250
652.38	FLAGGERS	HR	9500
652.41	PORTABLE-CHANGEABLE MESSAGE SIGN	EA	2
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	LS	1
659.10	MOBILIZATION	LS	1
673.10	WET CAST SMALL LANDSCAPE BLOCK WALL	SF	180

FULL DEPTH RECYCLED PAVEMENT OPTION 1 ADDITIONAL QUANTITIES			
202.202	REMOVING PAVEMENT SURFACE	SY	34400
307.332	FULL DEPTH RECYCLED PAVEMENT (WITH EMULSIPHIED ASPHALT STABILIZER), 5 IN. DEPTH	SY	38600
FULL DEPTH PAVEMENT OPTION 2 ADDITIONAL QUANTITIES			
203.20	COMMON EXCAVATION	CY	6175
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	CY	5200
403.2131	HOT MIX ASPHALT, 12.5 mm POLYMER MODIFIED HMA BASE	Ton	4300
409.15	BITUMINOUS TACK COAT APPLIED	G	1200

COMMON EXCAVATION FOR ESTIMATE

Common Excavation (from Cross Sections)	40372	
Earth From Drives	1043	
Earth from Intersections	0	
Grubbing in Fill	1076	
Total Common Excavation		**42491**

FILL FOR BORROW CALCULATIONS

Common Fill (from cross sections)	3770	
Fill For Drives	54	
Grubbing in Fill	1076	
Pavement Salvage in Fill	0	
Total Fill		**4900**

ROCK EXCAVATION FOR ESTIMATE

Rock Excavation (from cross sections)	1141	
Total Rock Excavation		**1141**

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

(1) Total Common Excavation		**42491**
Deductions:		
Grubbing in Cut	7600	
Grubbing in Fill	1076	
Pavement Salvage in Fill	0	
Pavement Salvage in Cut	400	
(2) Total Deductions		**9076**
Total Available Common Excavation (1) minus (2)		**33415**
Total Available Struct. Earth Excavation (Underdrain Only)		**50**
Total Available Non-Rock Excavation		**33465**

COMPUTATION OF WASTE STORAGE AND WASTE MATERIAL

Total Available Waste Storage Area (from Cross Sections)		**0**
Grubbing in Cut	7600	
Grubbing in Fill	1076	
Total Waste Material to be Utilized = Smaller of Total Available Waste Storage Area or Total Waste Material		**0**
Total Waste Material to be Wasted = Total Waste Material Minus Total Waste Material To Be Utilized		**8676**

COMPUTATION OF GRANULAR BORROW FOR ESTIMATE

Granular Borrow to Replace Muck	**N/A**
Granular Borrow in Low Wet Areas	**N/A**
Granular Borrow to Upgrade Excavation	**N/A**
Granular Borrow to Maintain Traffic	**100**
Granular Borrow	**100**

COMPUTATION OF COMMON BORROW FOR ESTIMATE

(3) Total Fill **4900**

Total Available Non-Rock Excav.	33465	x	0.90	=	30119
Total Available Rock Excav.	1141	x	1.30	=	1483
Total Available Str. Earth Excav.	50	x	0.90	=	45
Total Available Str. Rock Excav.	0	x	1.30	=	0
Total Waste Material to be Utilizec	0	x	0.90	=	0

(4) Total Available Excavation **31647**

Total Surplus Material = Available Excavation Minus Total Fill Plus Waste Material To Be Wasted **35322**

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

ESTIMATED QUANTITIES

SHEET NUMBER

6

OF 173

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Date:8/22/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_Estimate.dgn

STATION	CULVERT PIPE												CATCH BASIN										PIPE ARCH				UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			CMP		OPTION I		OPTION III																			TYPE B		TYPE C					
								SMOOTHLINED		CORRUGATED												BEHIND CURB CB			GAGE OR WALL THICKNESS		OUTLET	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	B1-C	B1	C1	F3	F4	F5	F6	F5-C	F6-C		SPAN	RISE	LENGTH		LENGTH		SIZE	LENGTH	SIZE	LENGTH		
CROSS CULVERTS																																		
STA 97+67.12,62.77' RT TO STA 97+88.97, 55.23' LT	36"	128.0	III																															
STA 99+82.39, 23.91' LT TO STA 100+53.93, 23.75' LT	18"	72.0	III																															
STA 109+20.83, 25.57' RT TO STA 109+23.76, 34.36' LT	18"	60.0	III																															
STA 111+11.13, 23.86' RT TO STA 111+17.16, 31.81' LT	18"	56.0	III																															
STA 116+57.91, 31.09' RT TO STA 117+53.64, 23.90' RT	18"	96.0	III																															
STA 124+54.00, 26.07' RT TO STA 124+68.54, 28.01' LT	18"	56.0	III																															
STA 144+00.00, 25.80' RT TO STA 144+00.00, 30.20' LT	18"	56.0	III																															
STA 154+47.55, 23.39' RT TO STA 155+11.58, 23.38' RT	18"	64.0	III																															
STA 160+50.00, 31.20' RT TO STA 160+50.00, 24.80' LT	18"	56.0	III																															
STA 170+50.00, 29.10' RT TO STA 170+50.00, 32.00' LT	18"	64.0	III																															
STA 180+61.66, 27.80' RT TO STA 180+61.66, 28.20' LT	18"	56.0	III																															
STA 191+27.43, 27.26' LT TO STA 191+36.21, 24.00' RT	18"	52.0	III																															
STA 360+50.00, 31.82' RT TO STA 360+50.00, 33.18' LT	18"	64.0	III																															
DRIVE CULVERTS																																		
STA 82+95.77, 23.25' RT TO STA 83+28.04, 23.33' RT						15"	32.0																											
STA 84+59.22, 25.03' RT TO STA 84+99.20, 27.90' RT						15"	40.0																											
STA 88+00.73, 25.12' LT TO STA 88+33.56, 25.77' LT						15"	32.0																											
STA 92+80.42, 35.23' LT TO STA 93+12.09, 33.74' LT						18"	32.0																											
STA 96+50.74, 23.22' RT TO STA 96+94.15, 42.46' RT						15"	48.0																											
STA 99+92.70, 23.33' RT TO STA 100+24.90, 23.33' RT						15"	32.0																											
STA 103+81.28, 23.38' RT TO STA 104+05.28, 23.38' RT						15"	24.0																											
STA 108+09.80, 23.38' RT TO STA 108+41.80, 23.38' RT						15"	32.0																											
STA 115+29.99, 23.09' RT TO STA 115+61.99, 23.34' RT						15"	32.0																											
STA 123+44.60, 23.91' RT TO STA 123+76.30, 23.91' RT						18"	32.0																											
STA 131+78.97, 23.38' RT TO STA 132+10.97, 23.38' RT						15"	32.0																											
STA 134+24.08, 23.38' RT TO STA 134+56.08, 23.38' RT						15"	40.0																											
STA 139+15.45, 23.77' RT TO STA 139+55.26, 23.77' RT						15"	32.0																											
STA 142+14.29, 23.38' LT TO STA 142+46.29, 23.38' LT						15"	32.0																											
STA 147+60.11, 23.38' RT TO STA 147+92.15, 23.37' RT																																		
						15"	55.0																											
STA 155+37.86, 23.37' RT TO STA 155+77.65, 27.50' RT						18"	40.0																											
STA 166+84.55, 24.03' RT TO STA 167+15.90, 23.99' RT						15"	32.0																											
STA 167+73.45, 23.17' RT TO STA 168+05.08, 23.50' RT						15"	32.0																											
STA 178+67.92, 23.43' LT TO STA 179+00.41, 22.99' LT						15"	32.0																											
STA 195+12.90, 23.38' RT TO STA 195+44.90, 23.38' RT						15"	32.0																											
STA 196+00.14, 23.48' LT TO STA 196+47.45, 31.59' LT						15"	32.0																											
STA 196+92.71, 23.11' RT TO STA 197+60.69, 21.81' RT						15"	68.0																											
STA 360+51.56, 32.53' RT TO STA 360+78.88, 22.17' RT						15"	32.0																											
LARGE CULVERT																																		
STA 156+22.02, 47.77' LT TO STA 156+36.71, 42.21' RT																																		
UNDERDRAIN																																		
STA 143+80.00, 13.00' RT TO STA 147+60.16, 13.00' RT																											380.0							
STA 147+50.00, 13.00' LT TO STA 151+78.00, 13.00' LT																											428.0							
STA 157+72.68, 13.00' LT TO STA 160+37.04, 13.00' LT																											264.0							
STA 163+63.55, 13.00' LT TO STA 169+00.12, 13.00' LT																											537.0							
STA 188+75.00, 13.87' LT TO STA 190+89.87, 13.87' LT																											216.0							
STA 160+37.04, 13.00' LT TO STA 160+48.46, 24.49' LT																												16.0					45° ELBOW	
STA 163+50.00, 23.08' LT TO STA 163+63.55, 13.00' LT																												16.0					45° ELBOW	
STA 169+00.12, 13.00' LT TO STA 169+05.23, 19.17' LT																												8.0					45° ELBOW	
STA 191+41.00, 13.87' LT TO STA 191+50.50, 22.77' LT																												13.0					45° ELBOW	
CATCH BASINS																																		
STA 147+60.00, 13.00' RT													1																					
STA 151+32.03, 13.00' RT													1																					

NOTE:
WHERE 4 FT SECTIONS OF RCP ARE NECESSARY, THEY SHALL BE CAST SECTIONS PLACED IN THE MIDDLE THIRD OF THE PIPE.

TYLin

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	NAME	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	DEBELLEY	3/2026
CHECKED-REVIEWED	DEBELLEY	3/2026
DESIGN2-DETAILED2	DEBROWN	
DESIGN3-DETAILED3	DEBROWN	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

DRAINAGE SUMMARY SHEET

SHEET NUMBER

7

OF 173

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\MSTA\xxx_Drainage Summary.dgn

Filename: ...\MSTA\xxx_GeneralNotes.dgn Division: HIGHWAY Username: Date:8/16/2024

GENERAL NOTES:

1. A TEMPORARY RAMP SHALL BE CONSTRUCTED WITH HMA AT THE ENDS OF THE ROADWAY SECTION PAVED OR MILLED EACH DAY. THE USES OF MILLINGS OR RAP WILL NOT BE ALLOWED. BUT COLD PATCH MAY BE TEMPORARILY UTILIZED UNTIL HMA PLANTS ARE OPEN FOR THE SEASON. TEMPORARY RAMPS SHALL BE CONSTRUCTED AT A LENGTH OF FOUR FEET PER INCH OF TRANSITION DEPTH. MATERIALS. PLACEMENT. MAINTENANCE. AND REMOVAL SHALL BE INCIDENTAL TO CONTRACT ITEMS.

2. CLEARING LIMITS SHALL BE 10' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.

3. THE CLEARING AND SELECTIVE CLEARING AND THINNING LINES SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY. THE ACTUAL LINES FOR CLEARING AND THINNING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE RESIDENT.

4. STUMP REMOVAL HAS BEEN ESTIMATED UNDER STANDARD SPECIFICATIONS ITEM 201.24. REMOVE STUMP. HOWEVER. WHERE DIRECTED BY THE RESIDENT. STANDARD SPECIFICATION ITEM 631.20 STUMP CHIPPER RENTAL (INCLUDING OPERATOR) MAY BE USED TO REMOVE STUMPS.

5. 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.

6. ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER. AS DIRECTED BY THE RESIDENT

7. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHERWISE NOTED ON THE PLANS.

8. 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.

9. 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.

10. ALL DITCHES NOT OTHERWISE TREATED SHALL HAVE ITEM 613.319 EROSION CONTROL BLANKET.

11. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS. IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19 AND WILL PAID FOR AS GRANULAR BORROW.

12. 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 703.19, GRANULAR BORROW.

13. 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.

14. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2 INCHES HOT MIX ASPHALT AND 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.

15. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3 INCHES HOT MIX ASPHALT AND 11 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.

16. GRAVEL ENTRANCES SHALL BE CONSTRUCTED WITH 14 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL OR 11 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL AND 3 INCHES UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

17. GRASSED ENTRANCES SHALL BE CONSTRUCTED WITH 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL AND 2 INCHES LOAM, SEED & MULCH UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

18. A 3-FOOT PAVED LIP SHALL BE PLACED AT ALL UNPAVED ENTRANCES UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

19. ALL PAVED WALKS SHALL BE CONSTRUCTED WITH 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL AND 2 INCHES OF HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

20. 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.

21. WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW-SIDE SHOULDER. THE LOW-SIDED SHOULDER PAVEMENT WILL HAVE SAME SLOPE AS TRAVELED WAY.

22. PRIOR TO SURFACE PAVING. EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).

23. GRANULAR BORROW USED UNDER PIPES SHALL MEET THE REQUIREMENTS FOR MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19.

24. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.

25. NO EXISTING DRAINAGE SHALL BE ABANDONED. REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.

26. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.

27. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTH-LINED PIPES. FOR COMPARABLE CORRUGATED SIZES SEE THE DRAINAGE TABULATION.

28. ALL RCP END SECTIONS SHALL UTILIZE ITEM 603.55 - CONCRETE PIPE TIES. USE TWO GROUPS OF CONCRETE PIPE TIES FOR THE LAST THREE PIPE SECTION JOINTS OF OPEN ENDS OF RCP CULVERTS.

29. PLASTIC END CAPS SHALL BE PLACED ON THE INLET END OF ALL DEAD-END 6-INCH TYPE B UNDERDRAIN AND SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.

30. A 3-FOOT X 3-FOOT SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT EACH UNDERDRAIN OUTLET.

31. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.

32. ALL EXISTING GUARDRAIL SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.

33. TWO REFLECTORIZED FLEXIBLE GUARDRAIL MARKERS (STANDARD SPECIFICATIONS ITEM 606.353) WILL BE INSTALLED AT EACH GUARDRAIL END.

34. A DELINEATOR POST (STANDARD SPECIFICATIONS ITEM 606.356 UNDERDRAIN DELINEATOR POST) WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.

35. A DELINEATOR POST (STANDARD SPECIFICATIONS ITEM 606.356 UNDERDRAIN DELINEATOR POST) WILL BE INSTALLED AT EACH END OF A RUN OF BITUMINOUS CURB.

36. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 606. GUARDRAIL.

37 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.

38. 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.

39. ANY BASE PAVEMENT NOT SURFACED BEBORE WINTER WILL REQUIRE TEMPORARY PAVEMENT MARKINGS OF PAINT. BOTH YELLOW AND WHITE EDGE LINES AND WILL BE CONSIDERED PART OF STANDARD SPECIFICATIONS ITEM 627.78. TEMPORARY PAVEMENT MARKING LINE. WHILE OR YELLOW.

40. 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.

41. 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.

42. 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.

43. THE PROJECT GEOTECHNICAL REPORT TITTLED "GEOTECHNICAL REPORT FOR THE REHABILITATION OF A 2.23 MILE PORTION OF ROUTE 109", SOILS REPORT 2024-16, JULY 24, 2024 CAN BE ACCESSED AT THE MAINEDOT WEBSITE HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/.

44. 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.

45. AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCHS AS EXCAVATION. DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.

46. 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.

47. 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.

48. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.

49. 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.

50. ALL EXISTING FENCE. SIGNS. GATES. BOULDERS AND GRANITE BLOCKS INSIDE THE EXISTING RIGHT-OF-WAY SHALL BE REMOVED AND SHALL REMAIN THE PROPERTY OF THE LAND OWNER. THE REMOVED ITEM SHALL BE STACKED OUTSIDE THE RIGHT-OF-WAY AS DIRECTED BY THE RESIDENT. PAYMENT SHALL BE MADE UNDER APPROPRIATE LABOR AND RENTAL ITEMS.

51. A CLEAR ZONE RUN-OUT AREA OF 10' WILL BE PROVIDED AT THE TOE OF ALL NON-RECOVERABLE FILL SLOPES. AND 9' WILL BE PROVIDED AT THE TOE OF ALL NON-RECOVERABLE CUT SLOPE DITCHES. UNLESS OTHERWISE NOTED.

52. 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 THE APPROPRIATE CONTRACT ITEMS.

53. THE CONTRACTOR WILL PLACE APPROPRIATELY-MARKED STAKES AT THE FOLLOWING LOCATIONS ON THE PROJECT: STRIPING PATTERN CHANGES. CROSS SLOPE CHANGES. AND EVERY 500 FEET FOR STATIONING. THE CONTRACTOR WILL PAINT EVERY FULL STATION (100 FEET) ON THE EXISTING ROADWAY AND WILL TRANSFER THE PAINTED STATIONING THROUGH ALL INTERMEDIATE LIFTS (NOT SURFACE). APPROPRIATELY-SIZED STRIPING PATTERN CHANGES WILL BE PAINTED ON SURFACE. STATIONING CONTROL MUST BE PLACED BEFORE WORK CAN COMMENCE. CROSS-SLOPE AND STRIPING CHANGE CONTROLS MUST BE PLACED BEFORE PAVING CAN COMMENCE.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	T. KELLEY	T. KELLEY	3/2016
DESIGN2-DETAILED2	H. COWAN	H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

GERNERAL NOTES

SHEET NUMBER

8

OF 173

TYLin

Filename: ...\xxx_Construction Notes.dgn Division: HIGHWAY Username: Date:8/16/2024

CONSTRUCT ENTRANCES

STATION	TYPE	WIDTH
81+32.6 LT	PAVED	26.4'
83+11.9 RT	GRAVEL	15.1'
84+80.3 RT	GRAVEL	16.2'
88+18.6 LT	PAVED	19.4'
92+94.9 LT	PAVED	17.2'
96+75.4 RT	GRAVEL	33.2'
100+08.4 RT	GRAVEL	34.8'
103+94.0 RT	GRAVEL	20.6'
104+50.0 LT	PAVED	17.2'
106+30.0 RT	GRAVEL	42.6'
108+26.0 RT	GRAVEL	16.7'
110+00.0 RT	PAVED	23.1'
115+38.0 LT	GRAVEL	22.2'
115+50.0 RT	FIELD ENTRANCE	21.2'
117+17.9 LT	PAVED	14.9'
121+50.0 LT	PAVED	25.0'
121+88.2 LT	PAVED	25.8'
123+62.5 RT	FIELD ENTRANCE	11.8'
123+72.7 LT	FIELD ENTRANCE	14.8'
124+79.9 RT	PAVED	27.0'
125+39.9 LT	PAVED	41.5'
129+24.3 LT	PAVED	22.3'
130+50.0 LT	PAVED	16.9'
131+27.9 LT	PAVED	12.9'
132+00.0 RT	FIELD ENTRANCE	16.7'
134+39.9 RT	GRAVEL	22.0'
138+50.0 LT	PAVED	19.7'
139+39.1 RT	PAVED	23.2'
142+29.9 LT	FIELD ENTRANCE	11.8'
144+50.0 RT	GRAVEL	40.0'
147+75.0 RT	FIELD ENTRANCE	22.3'
151+50.0 RT	PAVED	14.9'
155+60.5 RT	GRAVEL	19.3'
157+64.5 LT	FIELD ENTRANCE	21.3'
161+38.0 RT	PAVED	13.0'
163+71.5 RT	PAVED	11.8'
164+69.4 RT	GRAVEL	29.1'
166+00.0 RT	GRAVEL	21.2'
167+00.0 RT	GRAVEL	18.4'
167+88.7 RT	GRAVEL	21.2'
173+00.0 RT	GRAVEL	24.5'
177+00.0 LT	PAVED	45.0'
178+85.0 LT	FIELD ENTRANCE	26.1'
179+77.0 RT	GRAVEL	33.8'
190+00.0 LT	GRAVEL	53.4'
192+00.0 LT	FIELD ENTRANCE	13.6'
195+31.0 RT	GRAVEL	16.1'
196+24.0 LT	GRAVEL	31.0'
197+23.0 RT	PAVED	37.0'
350+36.4 RT	GRAVEL	21.2'
360+68.0 RT	GRAVEL	47.1'

ITEM 201.11 - CLEARING

STATION	TO	STATION
311+14 LT		87+93 LT
84+90 RT		84+99 RT
85+02 RT		85+18 RT
85+35 RT		96+62 RT
88+39 LT		90+66 LT
94+58 LT		97+82 LT
96+93 RT		99+97 RT
97+96 LT		99+96 LT
100+22 RT		103+85 RT
321+18 LT		104+45 LT
104+03 RT		105+82 RT
104+60 LT		106+80 LT
107+31 LT		111+59 LT
107+45 RT		108+20 RT
108+38 RT		109+83 RT
110+14 RT		115+16 RT
111+73 LT		112+75 LT
113+03 LT		114+66 LT
341+11 RT		123+49 RT
118+37 LT		120+80 LT
122+11 LT		123+10 LT
123+50 LT		123+68 LT
123+85 LT		123+99 LT
124+57 LT		124+83 LT
125+11 LT		125+28 LT
125+62 LT		127+96 LT
125+81 RT		131+86 RT
132+02 RT		134+03 RT
132+08 LT		138+33 LT
134+62 RT		138+99 RT
138+80 LT		142+12 LT
141+24 RT		144+16 RT
142+47 LT		157+27 LT
144+73 RT		147+64 RT
147+87 RT		151+33 RT
152+79 RT		154+36 RT
155+77 RT		160+67 RT
157+69 LT		169+53 LT
161+05 RT		161+30 RT
161+46 RT		163+36 RT
163+46 RT		163+60 RT
163+71 RT		164+63 RT
164+79 RT		165+91 RT
166+04 RT		166+88 RT
167+08 RT		167+74 RT
168+01 RT		172+87 RT
169+66 LT		176+65 LT
175+75 RT		179+19 RT
177+50 LT		183+92 LT
182+08 RT		195+19 RT
184+82 LT		187+75 LT
187+75 LT		188+37 LT
188+56 LT		188+89 LT
188+92 LT		188+83 LT
190+81 LT		196+09 LT
195+40 RT		197+12 RT
360+95 LT		361+83 LT
361+08 RT		361+87 RT

ITEM 606.1301 - 31" W-BEAM GUARDRAIL - MID-WAY SPLICE
(STEEL POST, 8" OFFSET BLOCKS, SINGLE FACED)

STATION	OFFSET	TO	STATION	OFFSET	LENGTH
155+84.87	14.00' RT		158+34.87	14.00' RT	250.00'
197+22.84	16.00' LT		197+93.64	15.61' LT	71.34'
197+55.78	14.19' RT		198+03.26	12.66' RT	46.90'

ITEM 606.1303 - 31" W-BEAM GUARDRAIL - MID-WAY SPLICE
(STEEL POST, 8" OFFSET BLOCKS, 15' RADIUS AND LESS)

STATION	OFFSET	TO	STATION	OFFSET	RADIUS	LENGTH
155+70.25	30.63' RT		155+84.87	14.00' RT	15.00'	25.00'
197+40.46	30.72' RT		197+55.78	14.19' RT	16.00'	25.00'

ITEM 606.1305 - 31" W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL (31" HEIGHT)

STATION	OFFSET
158+34.87	14.00' RT
197+22.84	16.00' LT

ITEM 606.1722 - BRIDGE TRANSITION - TYPE 2

STATION	OFFSET	TO	STATION	OFFSET
-	-		-	-

ITEM 609.31 - CURB TYPE 3 (MOLD 2)

STATION	OFFSET	TO	STATION	OFFSET	LENGTH
166+00.00	14.00' LT		169+00.00	14.00' LT	300'
188+75.00	14.00' LT		189+73.00	14.00' LT	98'
190+27.00	14.00' LT		191+00.02	14.00' LT	73'

ITEM 609.31 - CURB TYPE 3 (MOLD 3)

STATION	OFFSET	TO	STATION	OFFSET	LENGTH
197+47.00	16.87' RT		197+95.58	12.90' RT	49'

ITEM 609.247 - TERMINAL CURB - TYPE 2 - 7'

STATION	OFFSET	TO	STATION	OFFSET	LENGTH
197+95.58	12.90' RT		198+02.72	12.68' RT	7'

ITEM 610.08 - PLAIN RIPRAP

STATION	TO	STATION
97+63 RT		97+70 RT
97+87 LT		97+91 LT
99+76 LT		99+82 LT
100+52 LT		100+56 LT
109+19 RT		109+23 RT
109+21 LT		109+26 LT
111+09 RT		111+13 RT
111+15 LT		111+20 LT
124+66 LT		124+72 LT
143+98 RT		144+02 RT
143+98 LT		144+07 LT
160+48 RT		160+52 RT
160+48 LT		160+52 LT
166+50 LT		168+50 LT
170+47 RT		170+53 RT
170+47 LT		170+53 LT
180+59 LT		180+64 LT
191+00 LT		191+06 LT
191+23 LT		191+30 LT
196+46 LT		196+53 LT
197+53 RT		198+03 RT
197+75 LT		197+92 LT
340+25 LT		340+30 LT
340+43 RT		340+47 RT
350+19 LT		350+23 LT
350+23 RT		350+26 RT
360+48 LT		360+52 LT
360+50 RT		360+53 RT

ITEM 610.18 - STONE DITCH PROTECTION

STATION	TO	STATION
97+00 RT		97+50 RT
97+00 LT		97+86 LT
97+69 RT		99+00 RT
99+50 LT		99+75 LT
111+00 LT		111+12 LT
113+50 RT		114+00 RT
124+00 RT		124+55 RT
125+50 RT		126+00 RT
180+50 RT		180+65 RT
191+00 RT		191+50 RT
195+00 LT		195+50 LT
195+00 RT		195+50 RT
195+45 RT		195+50 RT
196+00 RT		196+50 RT

ITEM 613.319 -
EROSION CONTROL BLANKET

STATION	TO	STATION
83+33 LT		88+00 LT
88+35 LT		92+79 LT
93+00 RT		96+50 RT
93+13 LT		97+29 LT
99+00 LT		100+39 LT
99+18 RT		99+93 RT
100+25 RT		103+81 RT
100+54 LT		100+66 LT
100+54 LT		101+73 LT
104+05 RT		106+04 RT
106+13 LT		106+65 LT
106+58 RT		108+10 RT
108+42 RT		109+21 RT
109+21 RT		109+75 RT
110+15 RT		111+11 RT
111+11 RT		111+50 RT
111+50 RT		114+00 RT
115+62 RT		116+58 RT
117+54 RT		123+45 RT
122+06 RT		123+25 RT
123+76 RT		124+00 RT
125+00 RT		125+50 RT
126+00 RT		131+79 RT
131+40 LT		135+72 LT
132+11 RT		134+24 RT
134+56 RT		139+15 RT
139+55 RT		144+00 RT
141+75 LT		142+14 LT
142+46 LT		144+14 LT
144+45 LT		145+90 LT
144+70 RT		147+60 RT
147+20 LT		150+38 LT
147+92 RT		151+37 RT
151+69 RT		154+48 RT
151+79 LT		154+35 LT
155+12 RT		155+38 RT
156+46 LT		157+27 LT
157+79 LT		160+50 LT
158+14 RT		159+74 RT
160+50 LT		165+77 LT
160+72 RT		161+01 RT
164+92 RT		165+90 RT
166+15 RT		166+85 RT
167+16 RT		167+73 RT
168+05 RT		168+75 RT
169+00 LT		170+50 LT
170+50 LT		172+50 LT
172+25 RT		172+75 RT
172+50 LT		173+83 LT
174+22 LT		176+77 LT
175+70 RT		177+82 RT
177+50 LT		178+66 LT
177+97 RT		179+40 RT
179+00 LT		179+64 LT
180+00 RT		180+50 RT
180+64 RT		180+86 RT
181+43 RT		184+99 RT
182+14 LT		186+66 LT
185+16 RT		186+19 RT
186+19 RT		191+36 RT
188+59 LT		188+73 LT
190+40 LT		190+96 LT
191+46 RT		195+13 RT
192+09 LT		195+00 LT
197+42 RT		197+75 RT
340+28 RT		341+02 RT

ITEM 618.13 -
SEEDING METHOD NO. 1

STATION	TO	STATION
80+25 LT		81+22 LT
80+25 RT		83+07 RT
81+43 LT		311+11 LT
83+18 RT		84+74 RT
84+84 RT		85+35 RT
115+48 LT		117+18 LT
117+24 LT		118+36 LT
127+97 LT		129+14 LT
129+33 LT		130+54 LT
130+59 LT		131+24 LT

ITEM 618.14 -
SEEDING METHOD NO. 2

STATION	TO	STATION
311+11 LT		88+12 LT
85+35 RT		96+63 RT
88+25 LT		92+89 LT
93+00 LT		321+25 LT
96+83 RT		100+00 RT
100+17 RT		103+87 RT
321+25 LT		104+55 LT
104+00 RT		106+18 RT
104+55 LT		115+28 LT
106+45 RT		108+23 RT
108+33 RT		109+90 RT
110+04 RT		115+38 RT
115+54 RT		341+02 RT
341+02 RT		123+55 RT
118+36 LT		121+36 LT
121+96 LT		123+69 LT
123+61 RT		124+70 RT
123+79 LT		125+30 LT
124+91 RT		131+88 RT
125+43 LT		127+97 LT
131+34 LT		138+40 LT
132+03 RT		134+32 RT
134+47 RT		139+23 RT
138+62 LT		142+22 LT
139+48 RT		144+37 RT
142+37 LT		157+33 LT
144+56 RT		147+67 RT
147+83 RT		151+49 RT
151+59 RT		154+66 RT
154+87 RT		155+56 RT
155+67 RT		161+32 RT
157+52 LT		166+56 LT
161+42 RT		163+66 RT
163+72 RT		164+62 RT
164+82 RT		165+97 RT
166+05 RT		166+93 RT
166+59 LT		176+92 LT
167+06 RT		167+81 RT
167+96 RT		172+89 RT
173+06 RT		179+63 RT
177+32 LT		178+73 LT
178+89 LT		189+81 LT
179+92 RT		360+61 RT
360+73 RT		361+90 RT
361+90 RT		195+28 RT
190+27 LT		191+00 LT
191+06 LT		191+91 LT
191+98 LT		196+09 LT
195+36 RT		197+13 RT
196+24 LT		197+92 LT
197+42 RT		197+77 RT

ITEM 201.23 - REMOVE SINGLE TREE TOP ONLY

STATION	OFFSET	TYPE
115+64	30.32' RT	34" Oak
121+57	28.47' LT	22" Oak
128+46	27.63' LT	18" Elm
128+60	28.36' LT	18" Elm
128+72	29.47' LT	12" Maple
129+04	26.25' LT	24" Elm
129+53	24.90' LT	20" Oak
130+95	23.46' LT	12" Elm
130+99	26.20' LT	16" Maple
131+10	28.00' LT	32" Elm
131+40	25.18' LT	34" Elm
131+66	28.73' LT	12" Elm
131+67	27.24' LT	18" Oak
131+69	28.48' LT	12" Elm
131+82	27.49' LT	36" Oak
155+27	29.96' RT	12" Triple Maple
155+33	33.30' RT	(5) 8-14" Maples
155+48	32.87' RT	20" Maple
180+10	29.87' RT	24" Maple
181+74	37.52' RT	24" Maple
181+79	37.92' RT	18" Maple
187+51	26.74' LT	36" Pine
196+96	29.09' LT	12" Decid

ITEM 201.24 - REMOVE STUMP

STATION	OFFSET	TYPE
115+64	30.32' RT	34" Oak
121+57	28.47' LT	22" Oak
128+46	27.63' LT	18" Elm
128+60	28.36' LT	18" Elm
128+72	29.47' LT	12" Maple
129+04	26.25' LT	24" Elm
129+53	24.90' LT	20" Oak
130+95	23.46' LT	12" Elm
130+99	26.20' LT	16" Maple
131+10	28.00' LT	32" Elm
131+40	25.18' LT	34" Elm
131+55	27.91' LT	26" Stump
131+66	28.73' LT	12" Elm
131+67	27.24' LT	18" Oak
131+69	28.48' LT	12" Elm
131+82	27.49' LT	36" Oak
155+27	29.96' RT	12" Triple Maple
155+33	33.30' RT	(5) 8-14" Maples
155+48	32.87' RT	20" Maple
160+15	18.61' RT	20" Stump
180+10	29.87' RT	24" Maple
181+74	37.52' RT	24" Maple
181+79	37.92' RT	18" Maple
187+51	26.74' LT	36" Pine
196+96	29.09' LT	12" Decid

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	T. KELLEY	H. COWAN	3/2016
DESIGN2-DETAILED2	H. COWAN		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CONSTRUCTION NOTES

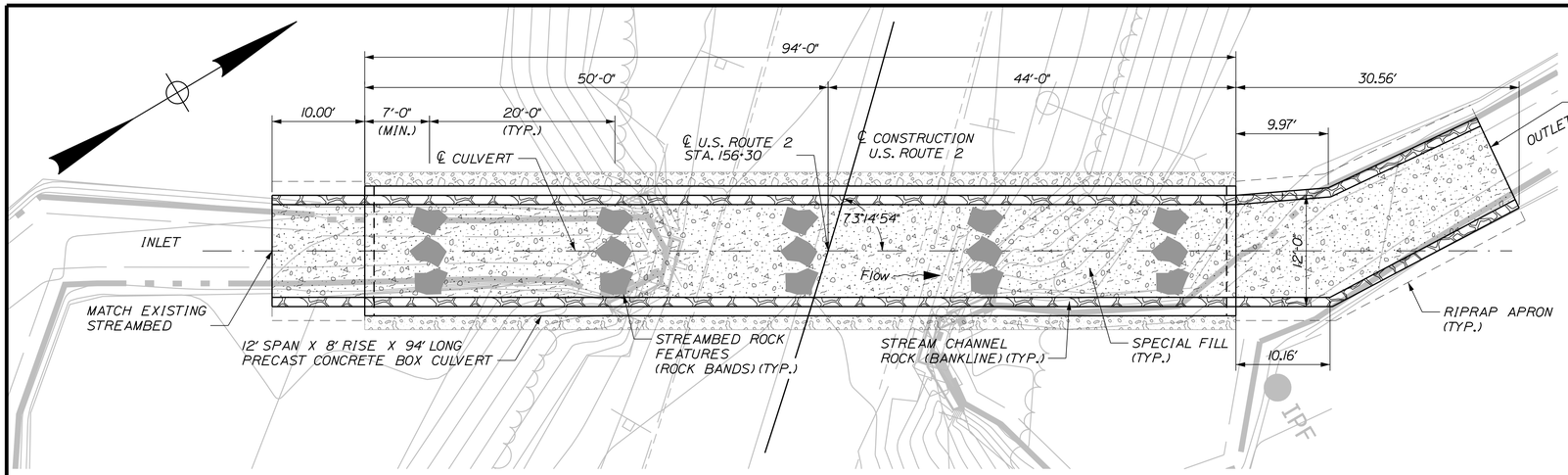
SHEET NUMBER

9

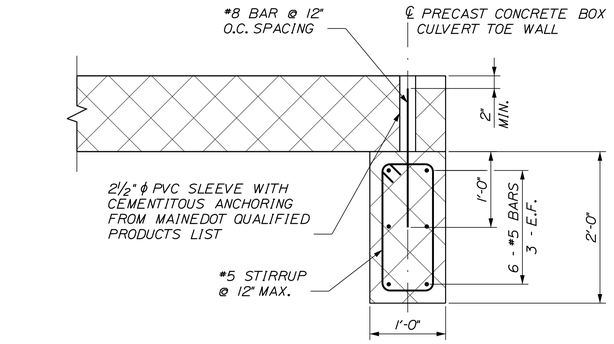
OF 173

TYLin

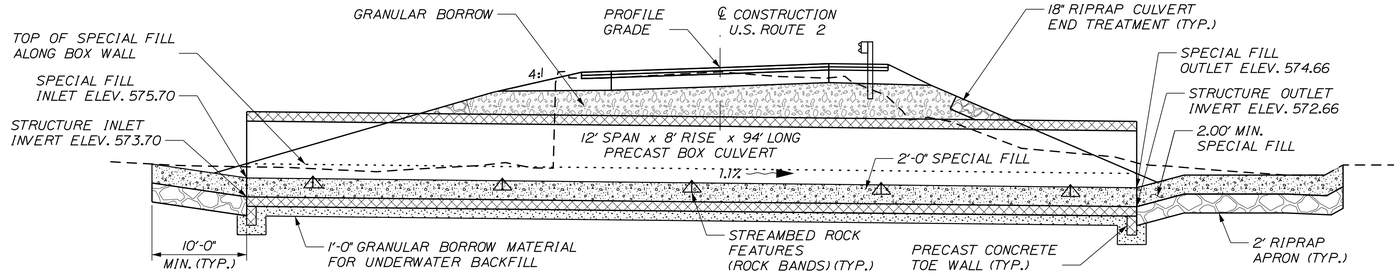
WILSON LAKE BRIDGE
BR# 6700



PRECAST CONCRETE BOX CULVERT PLAN VIEW



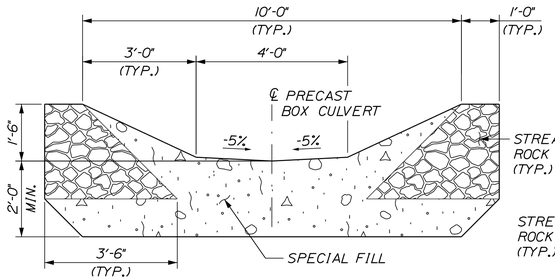
PRECAST CONCRETE TOE WALL DETAIL



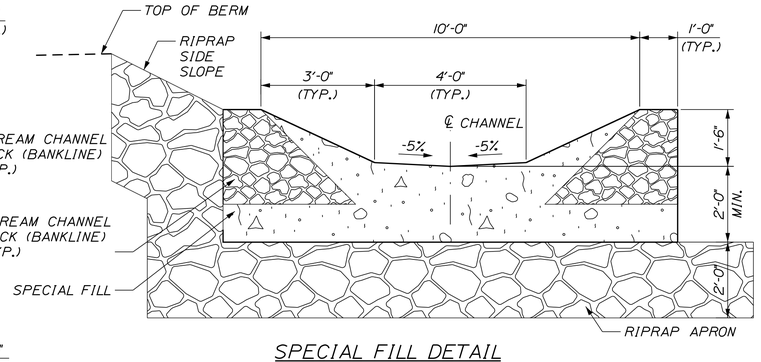
PRECAST CONCRETE BOX CULVERT TRANSVERSE SECTION (ALONG CULVERT ℄)

PRECAST CONCRETE BOX CULVERT NOTES:

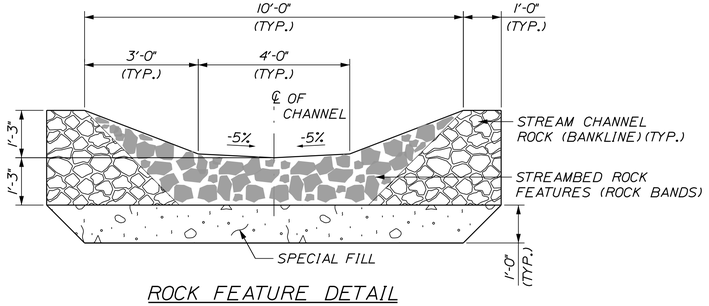
1. THE PRECAST UNITS SHALL BE DESIGNED TO CARRY CONSTRUCTION LOADING WITH A MINIMUM FILL COVER OF 18" OVER THE TOP OF THE UNIT.
2. THE CONSTRUCTION, HANDLING, AND ASSEMBLY OF THE PRECAST UNITS SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION SECTION 534, PRECAST STRUCTURAL CONCRETE, AND WITH THE MANUFACTURER'S SPECIFICATIONS AS APPLICABLE.
3. INSTALL STANDARD MEMBRANE WATERPROOFING OVER THE TOP AND TO 12" DOWN THE EXTERIOR SIDES OF THE PRECAST UNITS.
4. THE PRECAST CONCRETE BOX CULVERT SHALL BE BEDDED ON A 1-FOOT LAYER OF COMPACTED GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL.
5. COFFERDAMS ARE TO BE PLACED AT BOTH THE DOWNSTREAM AND UPSTREAM ENDS OF THE PRECAST STRUCTURE TO ALLOW WATER TO BE PUMPED AND REMOVED DURING CONSTRUCTION OF THE BOX CULVERT.
6. RIPRAP WILL BE USED TO INSLOPE AROUND THE CULVERT ENDS AT BOTH THE INLET AND OUTLET. SEE PLAN FOR LOCATIONS.
7. THE CULVERT SHALL BE LINED WITH A MINIMUM OF 2.0 FEET OF SPECIAL FILL IN ACCORDANCE WITH SPECIAL PROVISION 203.
8. VOIDS IN RIPRAP APRONS SHALL BE INFILLED WITH SPECIAL FILL WATERED-IN AND TAMPED.
9. REMOVAL AND DISPOSAL OF EXISTING CULVERT AND HEADWALLS WILL BE INCIDENTAL TO BOX CULVERT ITEM 534.71.



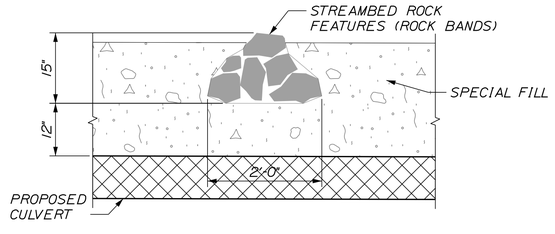
SPECIAL FILL DETAIL
INSIDE OF BOX



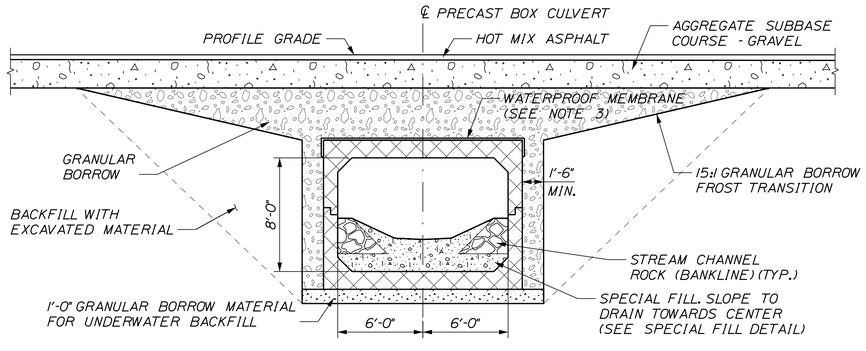
SPECIAL FILL DETAIL
AT INLET AND OUTLET



ROCK FEATURE DETAIL
INSIDE OF BOX



ROCK FEATURE TRANSVERSE SECTION



PRECAST CONCRETE BOX CULVERT TYPICAL SECTION

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

	R. BETZ	DATE
PROJ. MANAGER		
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

BY

SIGNATURE

P.E. NUMBER

DATE

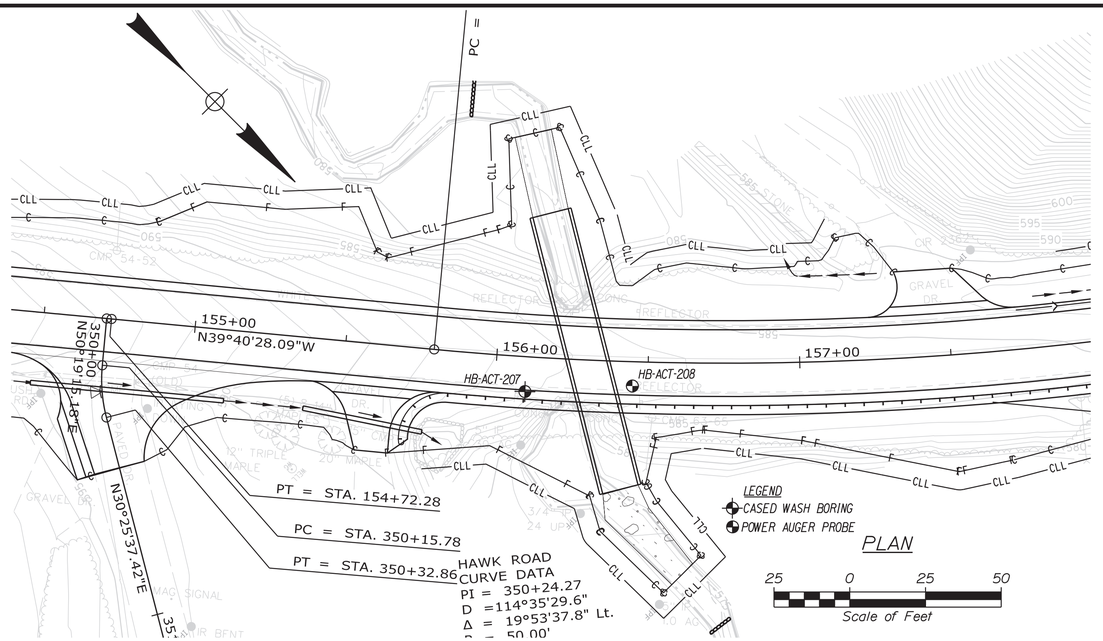
ACTON
ROUTE 109

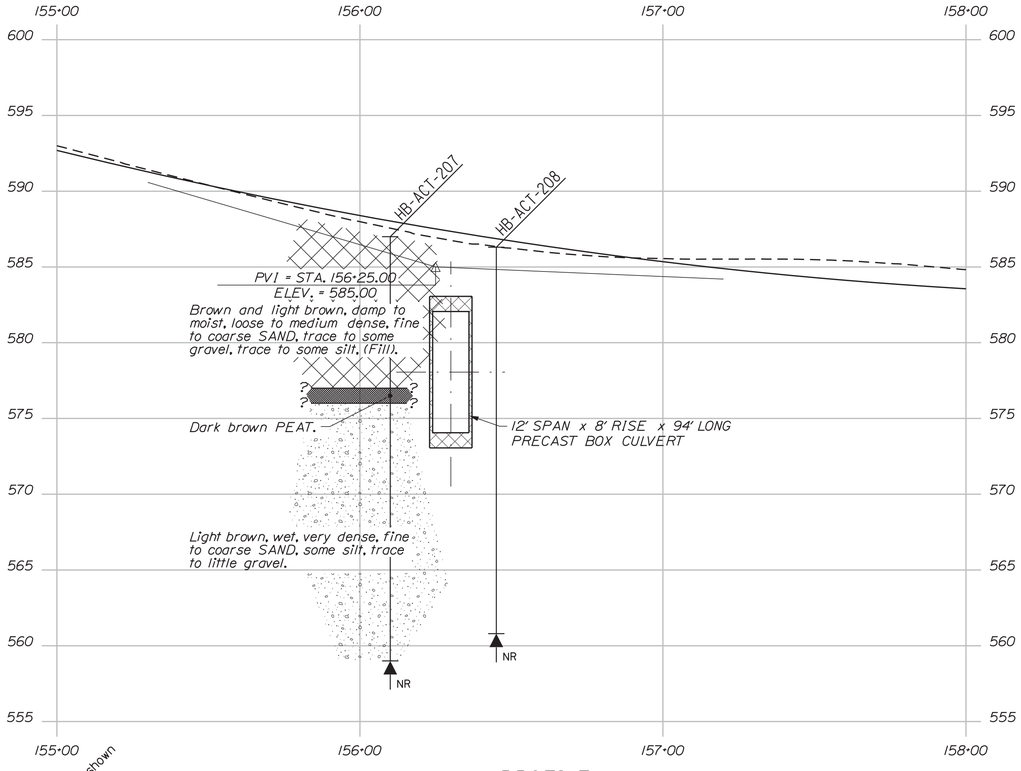
SPECIAL DETAILS

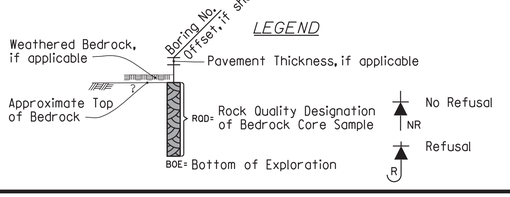
SHEET NUMBER
10
OF 173

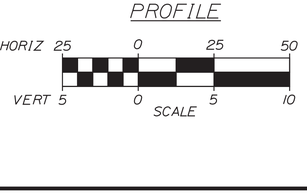
TYLin

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\MSTA\xxx_SpecialDetail.dgn









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 and bedrock transitions may vary and are probably more erratic. For more specific information refer to the exploration logs.

Maine Department of Transportation
Soil/Rock Exploration Log
US CUSTOMARY UNITS

Project: A 2.17 mile portion of Route 109
Location: Acton, Maine

Boring No.: HB-ACT-207
WIN: 20267.00

Drillers:	MaineDOT	Elevation (ft.): 587.0	Auger ID/OD: 5" Solid Stem
Operator:	Daggett/Niles	Datum: NAVD88	Sampler: Standard Split Spoon
Logged By:	B. Wilder	Rig Type: CME 45C	Hammer Wt./Fall: 140#/30"
Date Start/Finish:	6/17/2019; GB145-10:45	Drilling Method: Cased Wash Boring	Core Barrel: N/A
Boring Location:	156+10, 11.5 ft Rt.	Casing ID/OD: NW-3"	Water Level*: 12.0 ft bgs.
Hammer Efficiency Factor: 0.928		Hammer Type: Automatic ☒ Hydraulic ☐ Rope & Cathead ☐	

Definitions:
S = Split Spoon Sample
MD = Unsuccessful Split Spoon Sample Attempt
U = Thin Wall Tube Sample
MU = Unsuccessful Thin Wall Tube Sample Attempt
V = Field Vane Shear Tests. FP = Pocket Penetrometer
MV = Unsuccessful Field Vane Shear Test Attempt
R = Rock Core Sample
SSA = Solid Stem Auger
HSA = Hollow Stem Auger
RC = Roller Cone
MOH = Weight of 140lb. Hammer
MOP = Weight of Rods or Casing
S_u = Peak/Remolded Field Vane Undrained Shear Strength (psf); $S_{u(lab)}$ = Lab Vane Undrained Shear Strength (psf)
q_p = Unconfined Compressive Strength (ksf)
Uncorrected = Raw Field SPT N-value
Hammer Efficiency Factor = Rig Specific Annual Calibration Value
N60 = SPT N-value Corrected for Hammer Efficiency
Pen. = Hammer Efficiency Factor/60% Recommended
T_v = Pocket Torvane Shear Strength (psf)
WC = Water Content, percent
LL = Liquid Limit
PL = Plasticity Limit
PI = Plasticity Index
G = Grain Size Analysis
C = Consolidation Test

Depth (ft.)	Sample No.	Rec./Rec. (in.)	Sample Depth (ft.)	Blows / 6 in. Pen. Resistance Strength or RQD (%)	Uncorrected N-value	N60	Casing Blows	Elevation (ft.)	Graphic Log	Visual Description and Remarks	Laboratory Testing Results/ AASHTO and Unified Class
0	10	24/17	0.00 – 2.00	4/4/10/9	14	22	554			Brown, moist, medium dense, fine to coarse SAND, some gravel, trace silt. (Fill).	GM337347 A-1-b, SM-SM WC=4.8%
5	20	24/15	5.00 – 7.00	1/1/2/3	3	5				Light brown, damp, loose, fine to coarse SAND, some silt, trace gravel. (Fill).	GM337348 A-2-4, SM WC=12.8%
10	30	24/16	10.00 – 12.00	2/2/6/15	8	12	2	577.0		Dark brown PEAT. 10.0	GM337349 A-1-b, SM-SM WC=45.3% Loss on Ignition (4.7%)
							11	576.0		Brown, wet, medium dense, fine to coarse SAND, trace gravel, trace silt. 11.0	
15	40	24/19	15.00 – 17.00	12/17/50/27	47	73	82			Light brown, wet, very dense, fine to coarse SAND, some silt, little gravel. Roller Coned ahead to 20.0 ft bgs.	GM337350 A-2-4, SM WC=12.5%
							86				
							107				
20	50	24/18	20.00 – 22.00	15/21/19/22	40	62	39			Light brown, wet, very dense, fine to coarse SAND, some silt, trace gravel.	GM337351 A-2-4, SM WC=12.6%
							63				
							64			0100 blows for 0.8 ft.	
							0100 OPEN HOLE			Cobble from 23.8-24.2 ft bgs.	
25	60	8.4/6	25.00 – 25.70	46/50(2.4")	---					Cobble from 24.6-24.9 ft bgs. Light brown, wet, very dense, fine to coarse SAND, some silt, trace gravel. Cobble from 25.7-26.0 ft bgs. Roller Coned ahead to 28.0 ft bgs.	GM337352 A-2-4, SM WC=9.2%
29								559.0		28.0	

Remarks:
Bottom of Exploration at 28.0 feet below ground surface.
NO REFUSAL

Stratification lines represent approximate boundaries between soil types; transitions may be gradual.
* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.

Page 1 of 1
Boring No.: HB-ACT-207

Maine Department of Transportation
Soil/Rock Exploration Log
US CUSTOMARY UNITS

Project: A 2.17 mile portion of Route 109
Location: Acton, Maine

Boring No.: HB-ACT-208
WIN: 20267.00

Drilling Contractor:	MaineDOT	Elevation (ft.): 586.3	Auger ID/OD: 5" Dia.
Operator:	Daggett/Niles	Datum: NAVD88	Sampler: N/A
Logged By:	B. Wilder	Rig Type: CME 45C	Hammer Wt./Fall: N/A
Date Start/Finish:	6/17/2019; 11:00-12:00	Drilling Method: Solid Stem Auger	Core Barrel: N/A
Boring Location:	156+45, 8.0 ft Rt.	Casing ID/OD: N/A	Water Level*: None Observed

Definitions:
S = Split Spoon Sample
U = Sample off Auger Flights
B = Bucket Sample off Auger Flights
MD = Unsuccessful Split Spoon Sample Attempt
U = Thin Wall Tube Sample
MU = Unsuccessful Thin Wall Tube Sample Attempt
V = Field Vane Shear Tests. MV= Unsuccessful Field Vane Shear Test Attempt
MOH = Weight of 140lb. Hammer
MOP = Weight of Rods or Casing
MOP = Weight of 1 Person
S_u = Peak/Remolded Field Vane Undrained Shear Strength (psf)
$S_{u(lab)}$ = Lab Vane Undrained Shear Strength (psf)
q_p = Unconfined Compressive Strength (ksf)
N-value = Raw Field SPT N-value
T_v = Pocket Torvane Shear Strength (psf)
WC = Water Content, percent
LL = Liquid Limit
PL = Plasticity Index
G = Grain Size Analysis
C = Consolidation Test

Depth (ft.)	Sample No.	Rec./Rec. (in.)	Sample Depth (ft.)	Blows / 6 in. Pen. Resistance Strength or RQD (%)	N-value	Casing Blows	Elevation (ft.)	Graphic Log	Visual Description and Remarks	Laboratory Testing Results/ AASHTO and Unified Class
0						554			Probe, no samples taken.	
5										
10									Soils Similar to HB-ACT-207.	
15										
20										
25							560.8		25.5	

Remarks:
Bottom of Exploration at 25.5 feet below ground surface.
NO REFUSAL

Stratification lines represent approximate boundaries between soil types; transitions may be gradual.
* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.

Page 1 of 1
Boring No.: HB-ACT-208

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 020267.00

HIGHWAY PLANS

STATE OF MAINE · Cody A. Russell · 15866 · LICENSED PROFESSIONAL ENGINEER

	BY	DATE
PROJ. MANAGER	D. LOVELY	
DESIGN-DETAILED	R. BETZ	
CHECKED-REVIEWED	C. RUSSELL	
DESIGN2-DETAILED2	T. WHITE	AUG 2024
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

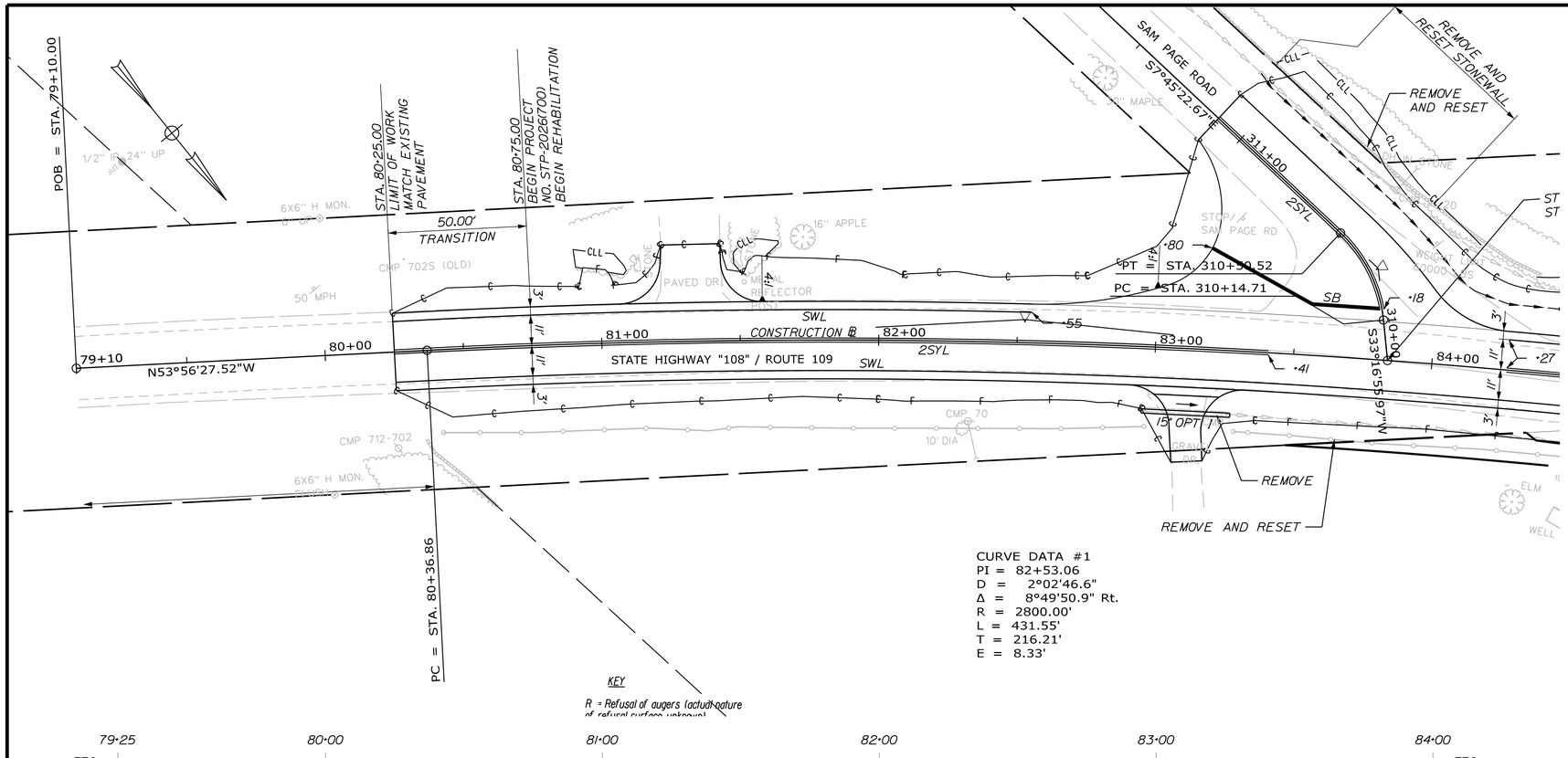
Cody A. Russell — SIGNATURE
15866 — P.E. NUMBER
8/23/2024 — DATE

ACTON
ROUTE 109

BORING LOCATION PLAN & INTERPRETIVE SUBSURFACE PROFILE WITH BORING LOGS

SHEET NUMBER
11
OF 173

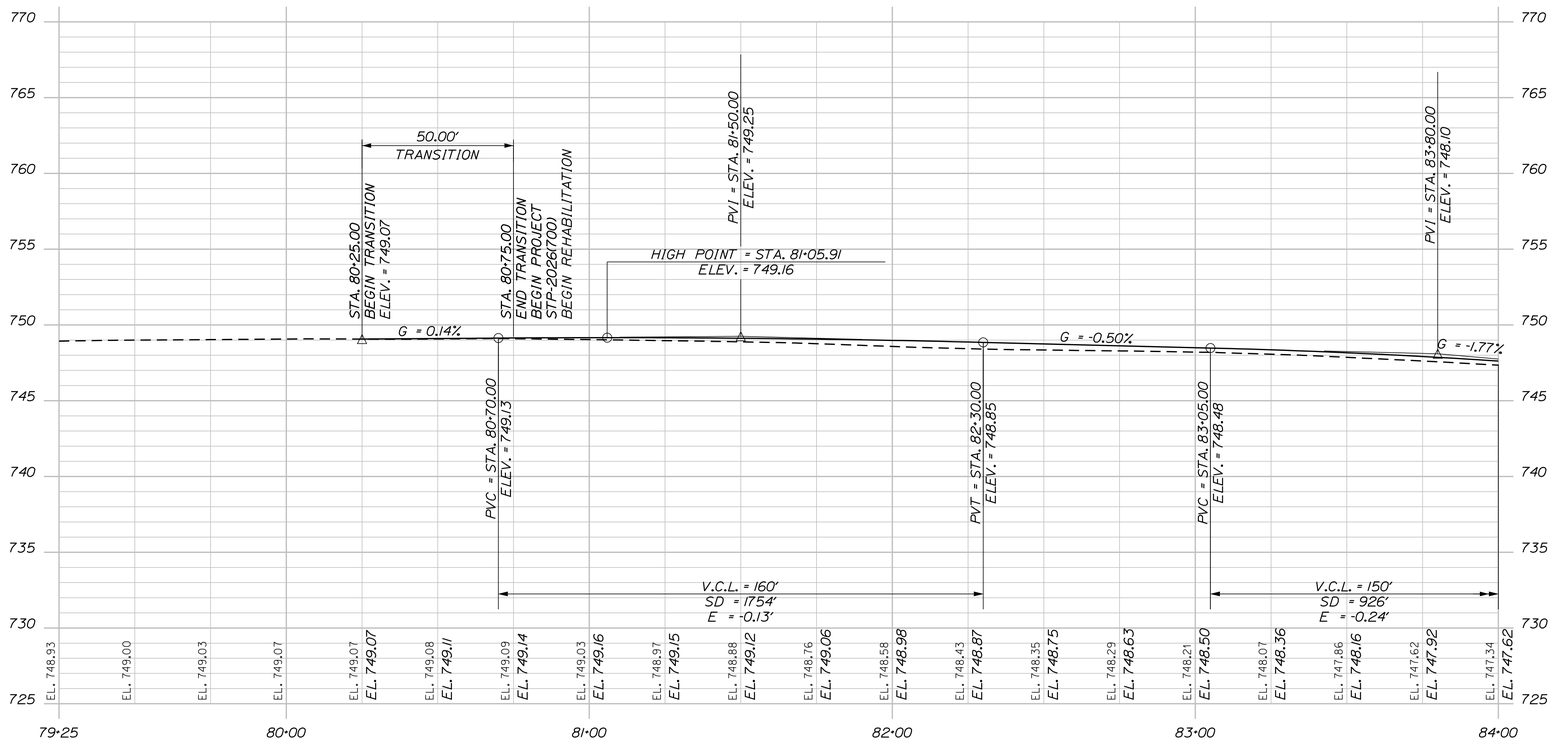
Filename: ...\MSTA\020_BLP&ISPwBL.dgn Division: GEOTECH Username: Cody.A.Russell Date:8/26/2024



CURVE DATA #1
PI = 82+53.06
D = 2°02'46.6"
Δ = 8°49'50.9" Rt.
R = 2800.00'
L = 431.55'
T = 216.21'
E = 8.33'

STRIPING LEGEND

SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE



Date:8/16/2024
Username:
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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00 HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER
12
OF 173

TYLin

Filename: ...\MSTA\xxx_HDPlan&Profile_02.DGN Division: HIGHWAY Username: Date:8/16/2024

REMOVE AND RESET STONEWALL

REMOVE AND RESET

STA. 83+83.96 U.S. ROUTE 109 = STA. 310+00 SAM PAGE ROAD

S33°16'15.67"W

310+00

84+00

85+00

N45°06'36.61"W

86+00

87+00

88+00

89+00

90+00

91+00

N62°31'17.84"W

STATE HIGHWAY "108" / ROUTE 109

CONSTRUCTION ℄

FEE, HIGHWAY EASE. HIGHWAY

PC = STA. 85+71.77

PT = STA. 88+75.66

CURVE DATA #2
PI = 87+24.90
D = 5°43'46.5"
Δ = 17°24'41.2" Lt.
R = 1000.00'
L = 303.89'
T = 153.12'
E = 11.66'

REMOVE STONEWALL

REMOVE

5" OPT

SWL

2SYL

REMOVE

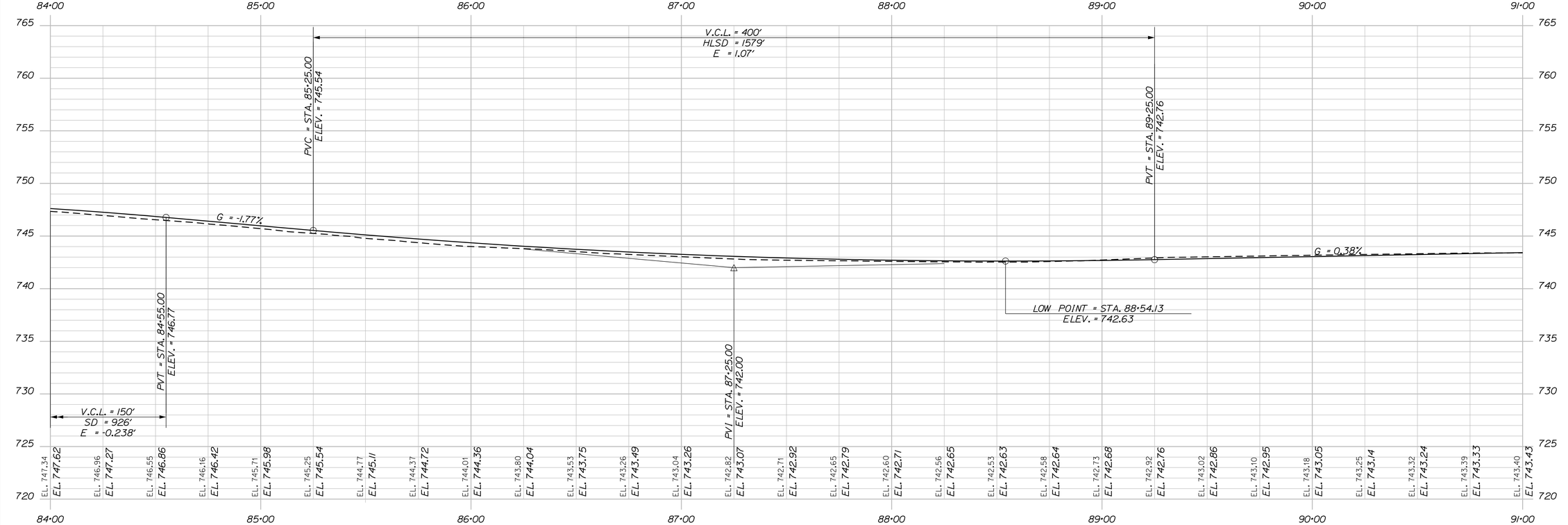
GRADE TO SAVE

PT = STA. 84+68.41

PC = STA. 90+36.94

REMOVE STONEWALL

STRIPING LEGEND
SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE



TYLin

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

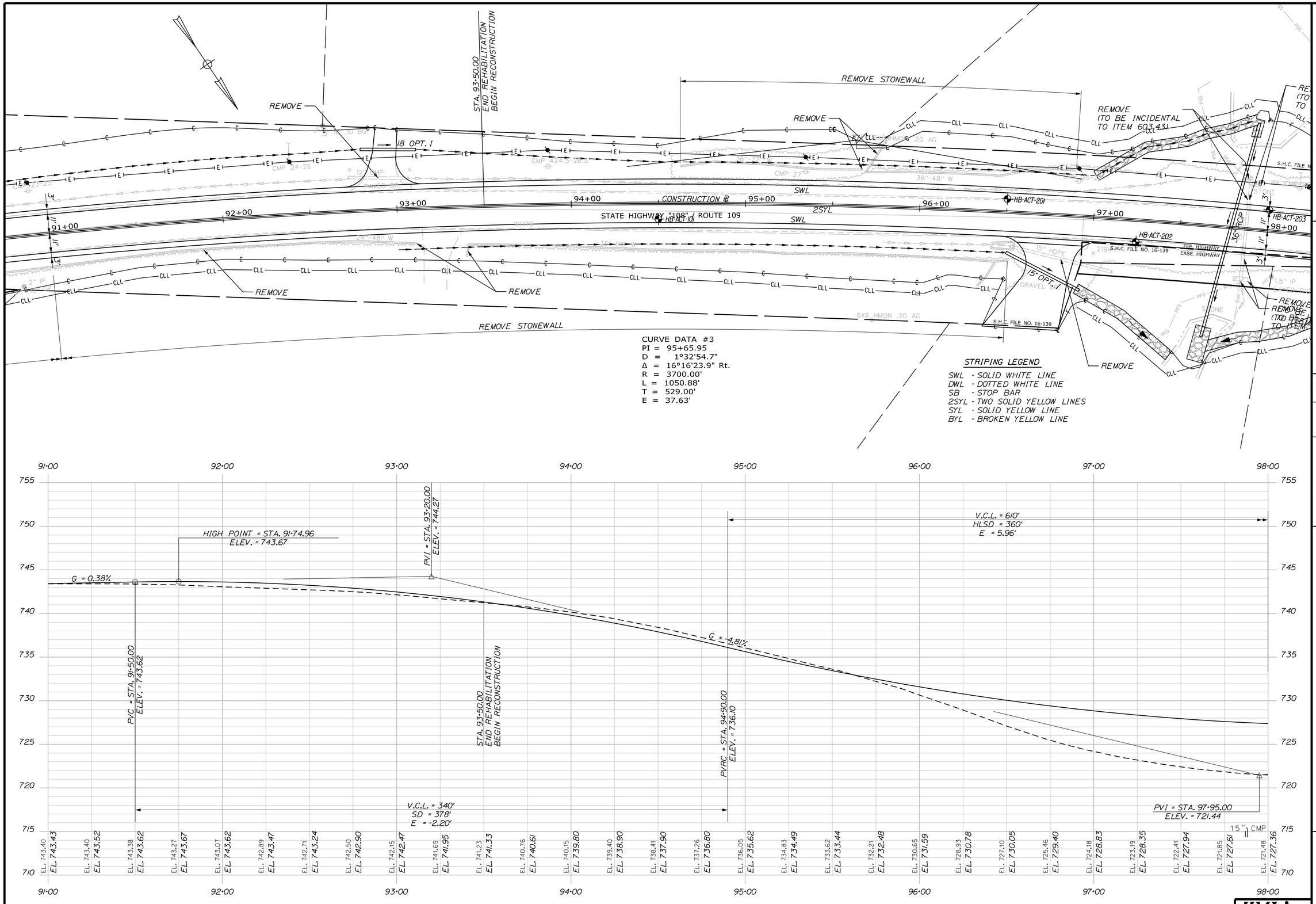
DATE

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER
13
OF 173



Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\MSTA\xxx_HDPlan&Profile_03.DGN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

PLAN & PROFILE

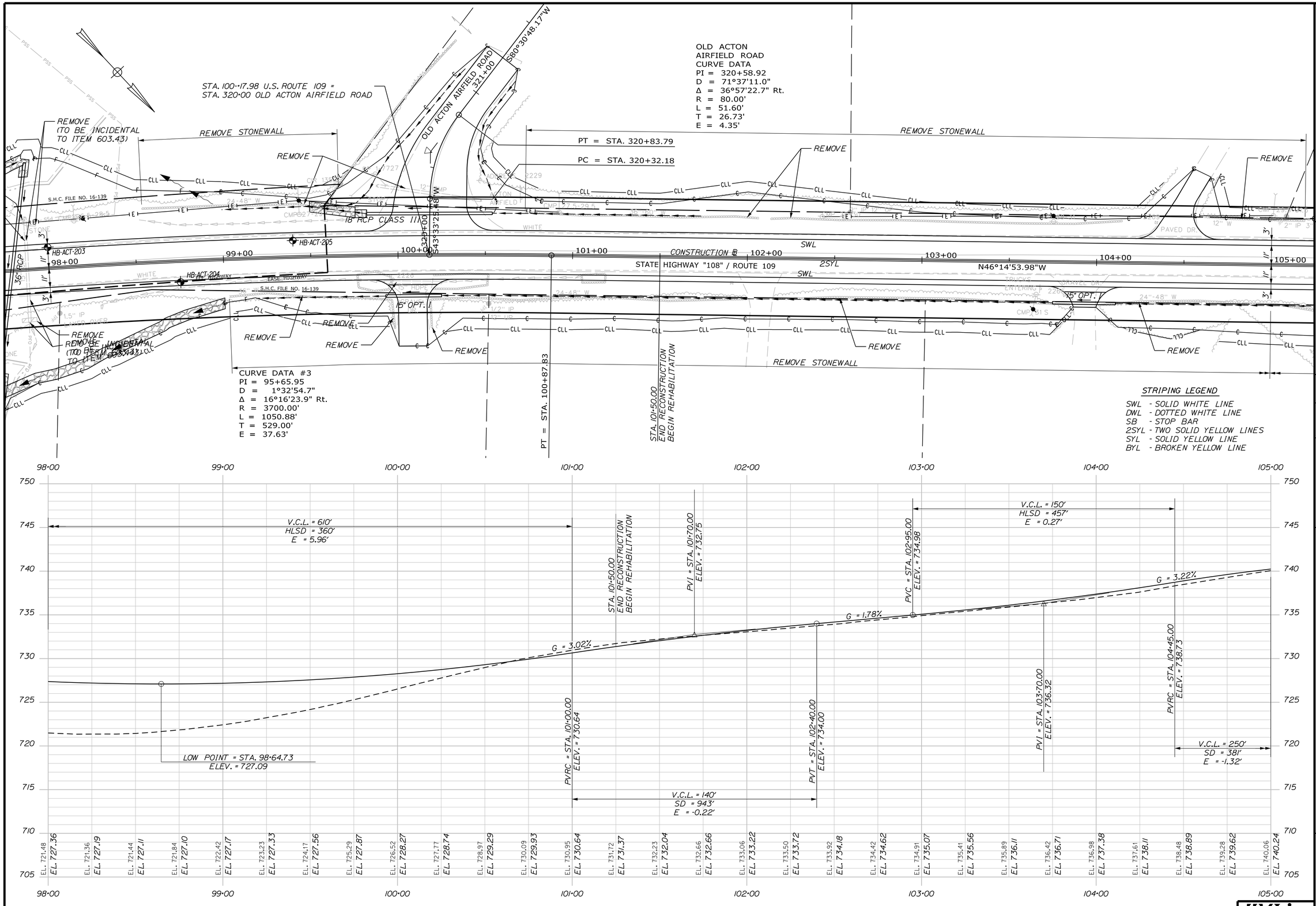
SHEET NUMBER

14

OF 173

TYLin

Date:8/16/2024 Username: Division: HIGHWAY Filename: ...\MSTA\xxx_HDPlan&Profile_04.DGN



TYLin

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
R. BETZ		
T. KELLEY	T. KELLEY	3/2016
H. COWAN	H. COWAN	3/2016

PROJ. MANAGER	
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER

15

OF 173

Filename: ...\MSTA\xxx_HDPlan&Profile_05.DGN Division: HIGHWAY Username:

Date:8/16/2024

REMOVE

REMOVE PORTION OF WALL

REMOVE STONEWALL

4.5' x 7' RIPRAP APPROX

STA. 111+00.00 END REHABILITATION BEGIN RECONSTRUCTION

STONE

GRANITE FOUNDATION

2" IP 3" UP

CMP 30.5-32.5

CMP 31-33

CMP 31.5-33.5

CMP 32-34

WHITE

0.28± AC.

SWL

2SYL

DWL

CONSTRUCTION ℄

STATE HIGHWAY "108" / ROUTE 109

N46°14'53.98"W

105+00 106+00 107+00 108+00 109+00 110+00 111+00 112+00

330+00

331+00

N44°49'36.95"E

HB-ACT-102

P-3.0R P-7.8R P-3.4R P-3.5R HB-ACT-103 P-3.6R P-2.1R P-1.6R

18" RCP CLASS III

15" OPT. 1

PORTION OF STONEWALL TO REMAIN

PAVED DR.

CIR 1350

CURVE DATA #4
PI = 111+39.56
D = 1°08'45.3"
Δ = 3°37'46.1" Rt.
R = 5000.00'
L = 316.73'
T = 158.42'
E = 2.51'

PC = STA. 109+81.14

STRIPING LEGEND

SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE

105·00 106·00 107·00 108·00 109·00 110·00 111·00 112·00

755 750 745 740 735 730 725 720 715 710

PVI = STA. 105+70.00
ELEV. = 742.75

HIGH POINT = STA. 106+36.08
ELEV. = 741.80

PVT = STA. 106+95.00
ELEV. = 741.51

PVC = STA. 110+45.00
ELEV. = 738.04

PVI = STA. 111+75.00
ELEV. = 736.75

G = -0.99%

18" CMP

18" CMP

V.C.L. = 250'
SD = 38'
E = -1.32'

V.C.L. = 260'
SD = 361'
E = -1.52'

EL. 740.06 EL. 740.24
EL. 740.74 EL. 740.76
EL. 741.21 EL. 741.18
EL. 741.54 EL. 741.49
EL. 741.73 EL. 741.69
EL. 741.57 EL. 741.79
EL. 741.42 EL. 741.79
EL. 741.21 EL. 741.68
EL. 741.11 EL. 741.46
EL. 740.96 EL. 741.21
EL. 740.74 EL. 740.96
EL. 740.41 EL. 740.72
EL. 740.06 EL. 740.47
EL. 739.66 EL. 740.22
EL. 739.28 EL. 739.97
EL. 738.96 EL. 739.73
EL. 738.74 EL. 739.48
EL. 738.53 EL. 739.23
EL. 738.36 EL. 738.98
EL. 738.24 EL. 738.73
EL. 738.19 EL. 738.49
EL. 738.01 EL. 738.24
EL. 737.77 EL. 737.99
EL. 737.50 EL. 737.66
EL. 737.23 EL. 737.22
EL. 736.92 EL. 736.67
EL. 736.54 EL. 736.01
EL. 735.85 EL. 735.23
EL. 734.92 EL. 734.34

TYLin

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	R. BETZ	DATE
PROJ. MANAGER		
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER

16

OF 173

Filename: ...\MSTA\xxx_HDPlan&Profile_06.DGN Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

STRIPING LEGEND
SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE

REMOVE STONEWALL
REMOVE
REMOVE STONEWALL
REMOVE
REMOVE AND RESET
REMOVE
REMOVE AND RESET
REMOVE STONEWALL
REMOVE STONEWALL

STA. 115+50.00 END RECONSTRUCTION BEGIN REHABILITATION

STA. 116+88.93 U.S. ROUTE 109 = STA. 340+00 GARVIN ROAD

CLEAR TO ROW LINE BETWEEN STA. 118+83.60 TO STA. 119+30.84

STATE HIGHWAY "109" / ROUTE 109

CONSTRUCTION ℄

N42°37'07.86"W

N47°23'12"E

PC = STA. 340+18.68

8" RCP CLASS III

PT = STA. 340+92.37

CURVE DATA #4
PI = 111+39.56
D = 1°08'45.3"
Δ = 3°37'46.1" Rt.
R = 5000.00'
L = 316.73'
T = 158.42'
E = 2.51'

PT = STA. 112+97.88

GARVIN ROAD CURVE DATA
PI = 340+58.37
D = 71°37'11.0"
Δ = 52°46'25.7" Lt.
R = 80.00'
L = 73.69'
T = 39.69'
E = 9.30'

GARVIN ROAD N5°23'07.94"W

HB-ACT-206

P-2.1R P-2.5R P-1.6R P-2.4R P-1.0OR P-1.0ONR P-7.4R P-7.0R P-6.4R P-5.5R

112+00 113+00 114+00 115+00 116+00 117+00 118+00 119+00 340+00 341+00

V.C.L. = 260'
SD = 361'
E = -1.52'

PVT = STA. 113+05.00
ELEV. = 729.38

G = -5.67%

PVC = STA. 113+25.00
ELEV. = 728.25

V.C.L. = 225'
HLSD = 425'
E = 0.85'

PVI = STA. 114+37.50
ELEV. = 721.87'

G = -2.65%

STA. 115+50.00 END RECONSTRUCTION BEGIN REHABILITATION

PVRC = STA. 115+50.00
ELEV. = 718.89

PVI = STA. 116+17.50
ELEV. = 717.10

V.C.L. = 135'
SD = 866'
E = -0.23'

PVRC = STA. 116+85.00
ELEV. = 714.40

G = -4.00%

V.C.L. = 150'
HLSD = 729'
E = 0.42'

PVI = STA. 117+60.00
ELEV. = 711.40

G = -1.74%

PVRC = STA. 118+35.00
ELEV. = 710.09

V.C.L. = 240'
SD = 375'
E = -1.27'

| | | |

CLEAR TO ROW LINE BETWEEN STA. 118+83.60 TO STA. 119+30.84

STA. 120+00.00 END REHABILITATION BEGIN RECONSTRUCTION

PC = STA. 120+97.13

CURVE DATA #5
PI = 122+70.56
D = 2°17'30.6"
Δ = 7°56'11.6" Lt.
R = 2500.00'
L = 346.30'
T = 173.43'
E = 6.01'

PT = STA. 124+43.43

CLEAR TO ROW LINE BETWEEN STA. 125+61.43 TO STA. 126+64.01

REMOVE STONEWALL

REMOVE

REMOVE AND RESET

REMOVE AND RESET STONEWALL

4.5'x7' RIPRAP APPRON

STATE HIGHWAY "108" / ROUTE 109

CONSTRUCTION ℄

N42°37'07.86"W

N50°33'19.50"W

18" RCP CLASS III

STOP. 1

STRIPING LEGEND

SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE

STA. 122+25.00 END RECONSTRUCTION BEGIN REHABILITATION

PV1 = STA. 119+55.00 ELEV. = 708.00

PVC = STA. 120+88.00 ELEV. = 700.05

V.C.L. = 180' HLSD = 370' E = 0.68'

PVT = STA. 120+75.00 ELEV. = 700.82

PV1 = STA. 121+78.00 ELEV. = 694.67

PVT = STA. 122+68.00 ELEV. = 692.01

G = -5.98%

G = -2.95%

V.C.L. = 240' SD = 375' E = -1.27'

PV1 = STA. 124+80.00 ELEV. = 685.75

PVC = STA. 124+05.00 ELEV. = 687.96

12" CMP

V.C.L. = 150' SD = 447' E = -0.55'

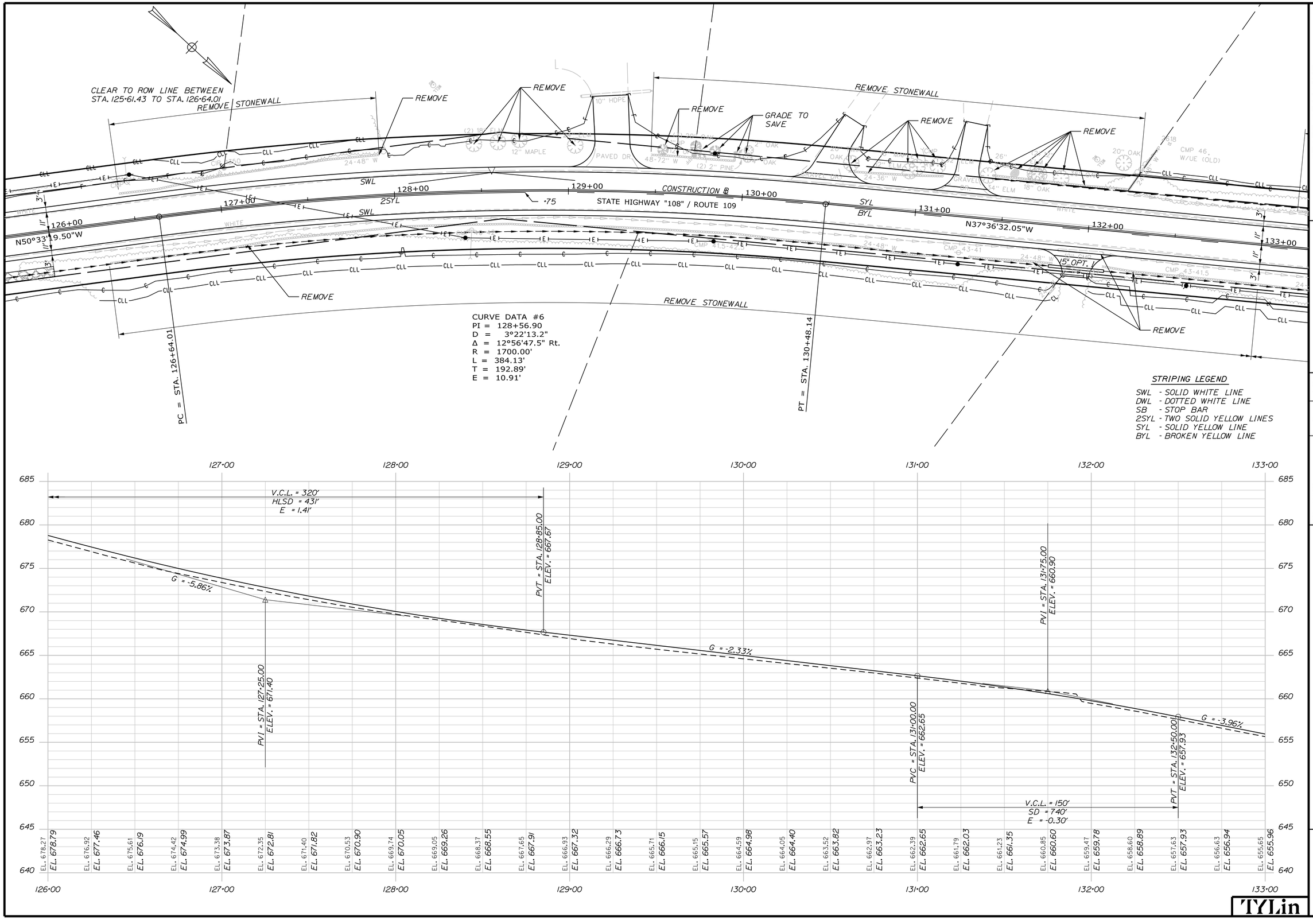
PVC = STA. 125+65.00 ELEV. = 680.77

V.C.L. = 320' HLSD = 431' E = 1.41'

G = -5.86%

PVT = STA. 125+55.00 ELEV. = 681.36

| | | |



Filename: ...\MSTA\xxx_HDPlan&Profile_08.DGN Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

	BY	DATE
DESIGNED	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
PROJ. MANAGER		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER
19
OF 173

TYLin

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\MSTA\xxx_HDPlan&Profile_09.DGN

CURVE DATA #7
PI = 137+99.60
D = 1°08'45.3"
Δ = 5°04'26.3" Lt.
R = 5000.00'
L = 442.79'
T = 221.54'
E = 4.91'

PC = STA. 135+78.06
PT = STA. 140+20.85

REMOVE STONEWALL
REMOVE
REMOVE AND RESET
CONSTRUCTION ℄
STATE HIGHWAY "108" / ROUTE 109
N37°36'32.05"W
HB-ACT-105
SWL
SYL
BYL
WHITE
CLL
133+00
134+00
135+00
136+00
137+00
138+00
139+00
140+00
24-48" W
24" W
CMP 44-42
CMP 45-43
CMP 46-44
25SB
15" OPTIM
GRAVEL DRIVE
STONE WALL
PAVED TIN ROOF

STRIPING LEGEND

SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE

V.C.L. = 150'
HLSD = 428'
E = 0.29'
PVC = STA. 133+25.00
ELEV. = 654.97
PVI = STA. 134+00.00
ELEV. = 652.00
PVT = STA. 134+75.00
ELEV. = 650.20
G = -3.96%
G = -2.40%
V.C.L. = 150'
HLSD = 1269'
E = 0.09'
PVC = STA. 138+25.00
ELEV. = 641.80
PVI = STA. 139+00.00
ELEV. = 640.00
PVT = STA. 139+75.00
ELEV. = 638.54
G = -1.95%

	EL.
133+00	655.96
133+25	654.97
133+50	654.01
133+75	653.12
134+00	652.29
134+25	651.53
134+50	650.83
134+75	650.20
135+00	649.60
135+25	649.00
135+50	648.40
135+75	647.80
136+00	647.20
136+25	646.60
136+50	646.00
136+75	645.40
137+00	644.80
137+25	644.20
137+50	643.60
137+75	643.00
138+00	642.40
138+25	641.80
138+50	641.21
138+75	640.64
139+00	640.08
139+25	639.55
139+50	639.03
139+75	638.54
140+00	638.05

665 660 655 650 645 640 635 630 625 620

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STP-2026(700)
WIN 20267.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

	BY	DATE
R. BETZ		
T. KELLEY	T. KELLEY	3/2016
H. COWAN	H. COWAN	3/2016

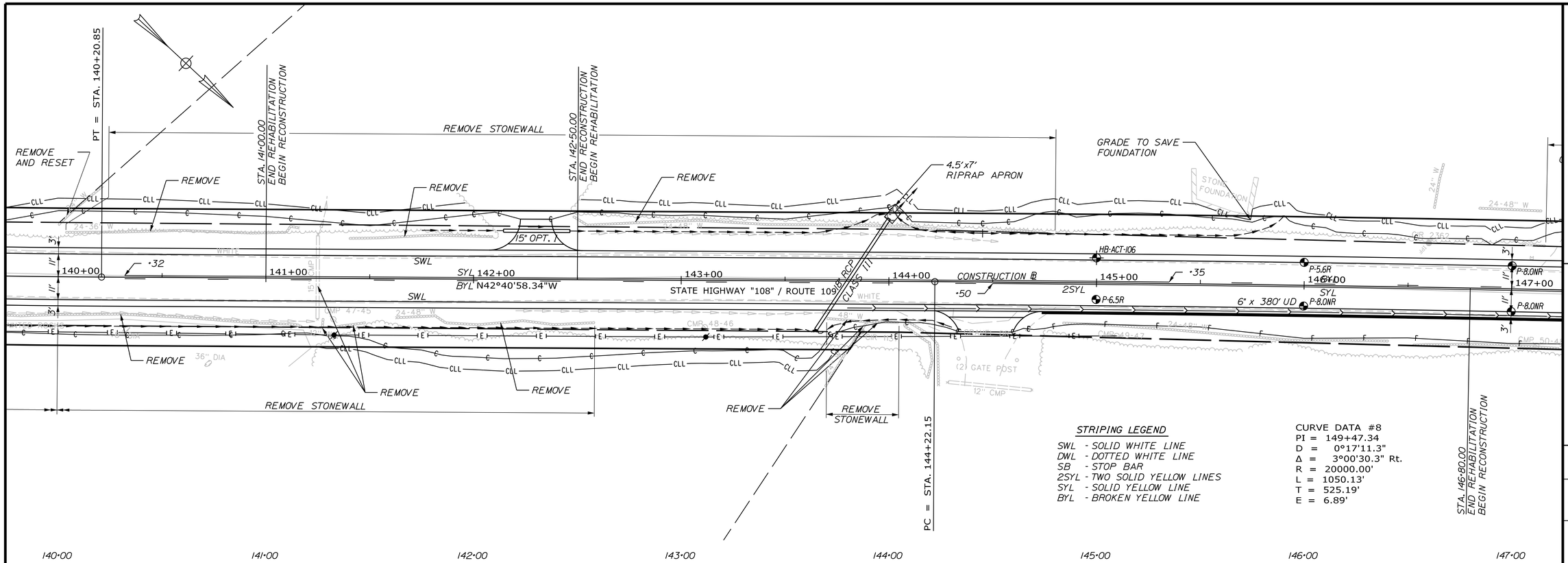
PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN2-DETAILED2
DESIGN3-DETAILED3
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER
20
OF 173

TYLin



Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\MSTA\xxx_HDPlan&Profile_10.DGN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

	BY	DATE
R. BETZ		
T. KELLEY	T. KELLEY	3/2016
H. COWAN	H. COWAN	3/2016

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	R. BETZ
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER

21

OF 173

TYLin

Filename: ...\MSTA\xxx_HDPlan&Profile_11.DGN Division: HIGHWAY Username: Date:8/16/2024

REMOVE STONEWALL (WALL CLOSEST TO ROAD ONLY)

GRADE TO SAVE

REMOVE

STA. 146+80.00
END RECONSTRUCTION
BEGIN REHABILITATION

STA. 149+80.00
END RECONSTRUCTION
BEGIN REHABILITATION

STA. 151+20.00
END REHABILITATION
BEGIN RECONSTRUCTION

REMOVE STONEWALL

FORMER LOCATION OF STATE AID HIGHWAY
SEE S.H.C. FILE S-16-44

S.H.C. FILE NO. S-16-44

CONSTRUCTION ℄

STATE HIGHWAY COMMISSION
PROPOSED LOCATION
FEE, ROW

STATE HIGHWAY ROUTE 109

6" x 380' UD BIC

6" x 428' UD

12" x 372' UD

12" x 55' UD

CMP 50-48

24-48" W

WIRE & SCAT FENCE

SNOW FENCE

P-8.0NR

P-6.5R

P-9.5NR

SWL

BYL

SYL

2SYL

WHITE

CIR 2352

CURVE DATA #8
PI = 149+47.34
D = 0°17'11.3"
Δ = 3°00'30.3" Rt.
R = 20000.00'
L = 1050.13'
T = 525.19'
E = 6.89'

STRIPING LEGEND

SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE

147+00 148+00 149+00 150+00 151+00 152+00 153+00 154+00

630 625 620 615 610 605 600 595 590 585

630 625 620 615 610 605 600 595 590 585 580 575

G = -1.95%

G = -5.87%

PVC = STA. 148+80.00
ELEV. = 620.90

PVI = STA. 150+80.00
ELEV. = 617.00

PVT = STA. 152+80.00
ELEV. = 605.26

V.C.L. = 400'
SD = 475'
E = -1.96'

EL. 624.55 EL. 624.41
EL. 624.31 EL. 623.92
EL. 624.03 EL. 623.43
EL. 623.79 EL. 622.94
EL. 623.54 EL. 622.46
EL. 623.14 EL. 621.97
EL. 622.62 EL. 621.48
EL. 621.89 EL. 621.00
EL. 621.10 EL. 620.49
EL. 620.32 EL. 619.92
EL. 619.49 EL. 619.29
EL. 618.61 EL. 618.60
EL. 617.67 EL. 617.85
EL. 616.72 EL. 617.04
EL. 615.76 EL. 616.17
EL. 614.84 EL. 615.23
EL. 614.01 EL. 614.24
EL. 613.26 EL. 613.18
EL. 612.38 EL. 612.06
EL. 611.29 EL. 610.88
EL. 610.17 EL. 609.64
EL. 609.00 EL. 608.34
EL. 607.75 EL. 606.97
EL. 606.44 EL. 605.55
EL. 605.07 EL. 604.08
EL. 603.62 EL. 602.61
EL. 602.16 EL. 601.15
EL. 600.66 EL. 599.68
EL. 599.13 EL. 598.21

TYLin

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

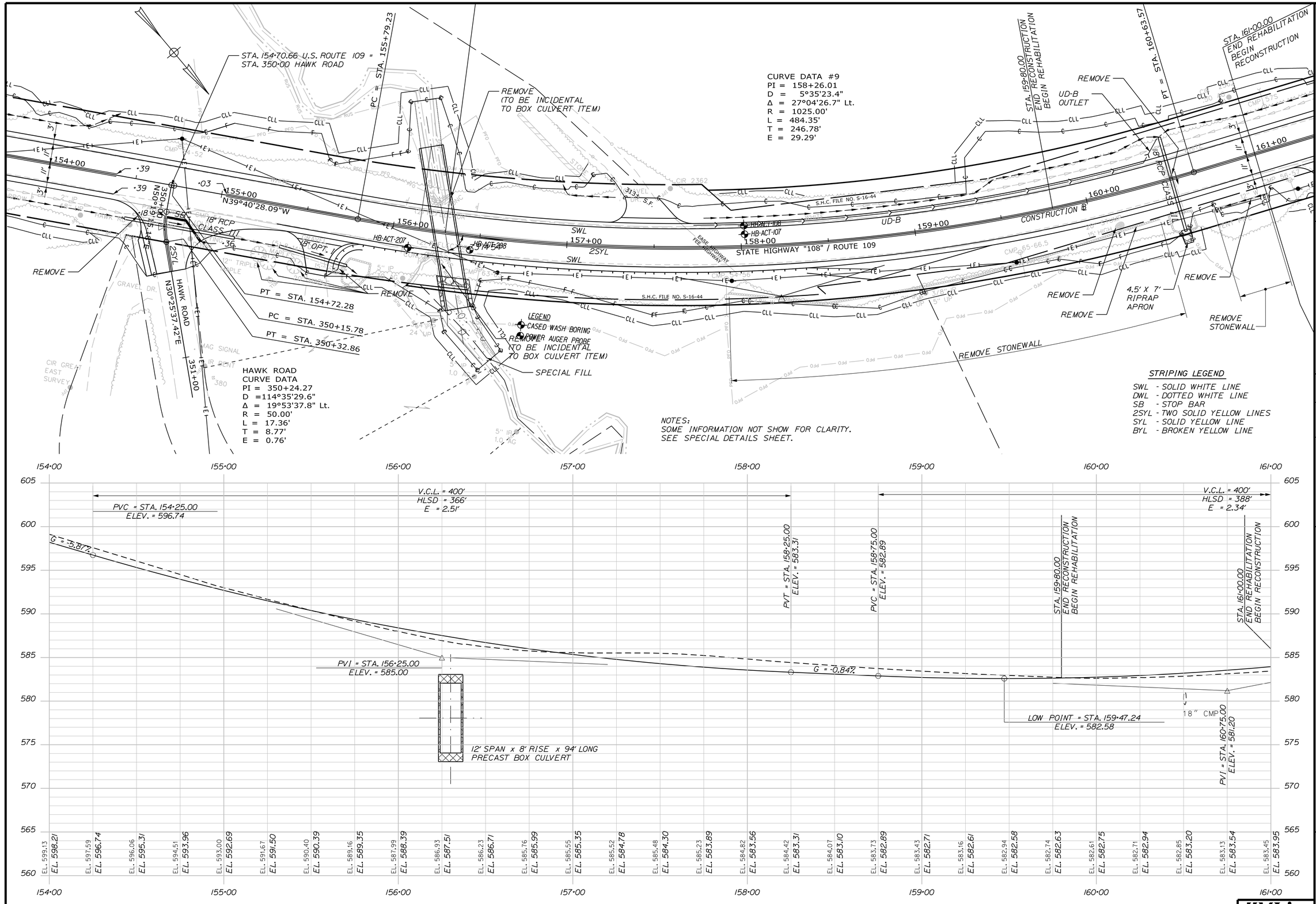
	SIGNATURE	P.E. NUMBER	DATE
R. BETZ			
T. KELLEY			
H. COWAN			

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER
22
OF 173



Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\MSTA\xxx_HDPlan&Profile_12.DGN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
R. BETZ		
PROJ. MANAGER		
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
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REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER
23
OF 173

TYLin

Filename: ...\MSTA\xxx_HDPlan&Profile_13.DGN Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

STA. 161+00.00
END REHABILITATION
BEGIN RECONSTRUCTION

PC = STA. 162+87.95

PRC = STA. 168+00.30

CURVE DATA #10
PI = 165+48.41
D = 4°57'38.4"
Δ = 25°24'56.4" Lt.
R = 1155.00'
L = 512.34'
T = 260.46'
E = 29.00'

UD-B OUTLET

N66°44'54.81"W

STRIPING LEGEND

SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE

CONSTRUCTION

STATE HIGHWAY "108" / ROUTE 109

CARDINAL ROAD

V.C.L. = 400'
HLSD = 388'
E = 2.34'

PVT = STA. 162+75.00
ELEV. = 588.86

PVI = STA. 165+50.00
ELEV. = 599.40

HIGH POINT = STA. 165+51.66
ELEV. = 595.03

G = 3.83%

PVC = STA. 163+20.00
ELEV. = 590.59

V.C.L. = 460'
SD = 361'
E = -4.38'

PVT = STA. 167+80.00
ELEV. = 590.71

161+00	162+00	163+00	164+00	165+00	166+00	167+00	168+00
EL. 583.45	EL. 583.88	EL. 584.40	EL. 585.01	EL. 585.76	EL. 586.63	EL. 587.60	EL. 588.69
EL. 583.95	EL. 584.43	EL. 584.99	EL. 585.62	EL. 586.32	EL. 587.09	EL. 587.94	EL. 588.86
EL. 589.81	EL. 590.95	EL. 592.01	EL. 592.91	EL. 593.68	EL. 594.27	EL. 594.70	EL. 595.09
EL. 589.82	EL. 590.78	EL. 591.66	EL. 592.44	EL. 593.12	EL. 593.70	EL. 594.17	EL. 594.54
EL. 595.43	EL. 595.64	EL. 595.54	EL. 595.03	EL. 594.53	EL. 594.05	EL. 593.68	EL. 593.59
EL. 594.80	EL. 594.97	EL. 595.03	EL. 594.98	EL. 594.83	EL. 594.58	EL. 594.23	EL. 593.77
EL. 593.45	EL. 592.91	EL. 592.53	EL. 591.74	EL. 590.36			
EL. 593.21	EL. 592.54	EL. 591.77	EL. 590.90	EL. 589.96			

PROJ. MANAGER	R. BETZ
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	T. KELLEY	3/2016
REVISIONS 2	H. COWAN	3/2016
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER
24
OF 173

TYLin

Filename: ...\MSTA\xxx_HDPlan&Profile_14.DGN Division: HIGHWAY Username: Date:8/16/2024

REMOVE

18" RCP

HB-ACT-211

HB-ACT-210

HB-ACT-209

SWL
DWL
2SYL
SWL

CONSTRUCTION ℄

4.5'x7' RIPRAP APRON

5' CONCRETE

0.24± AC.

CURVE DATA #11
PI = 170+55.29
D = 8°40'52.2"
Δ = 42°14'52.6" Rt.
R = 660.00'
L = 486.66'
T = 254.99'
E = 47.54'

STRIPING LEGEND
SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE

P-10.0NR

LP-15.0NR

15' OPT.

CHICADEE ROAD

PT = STA. 172+86.96

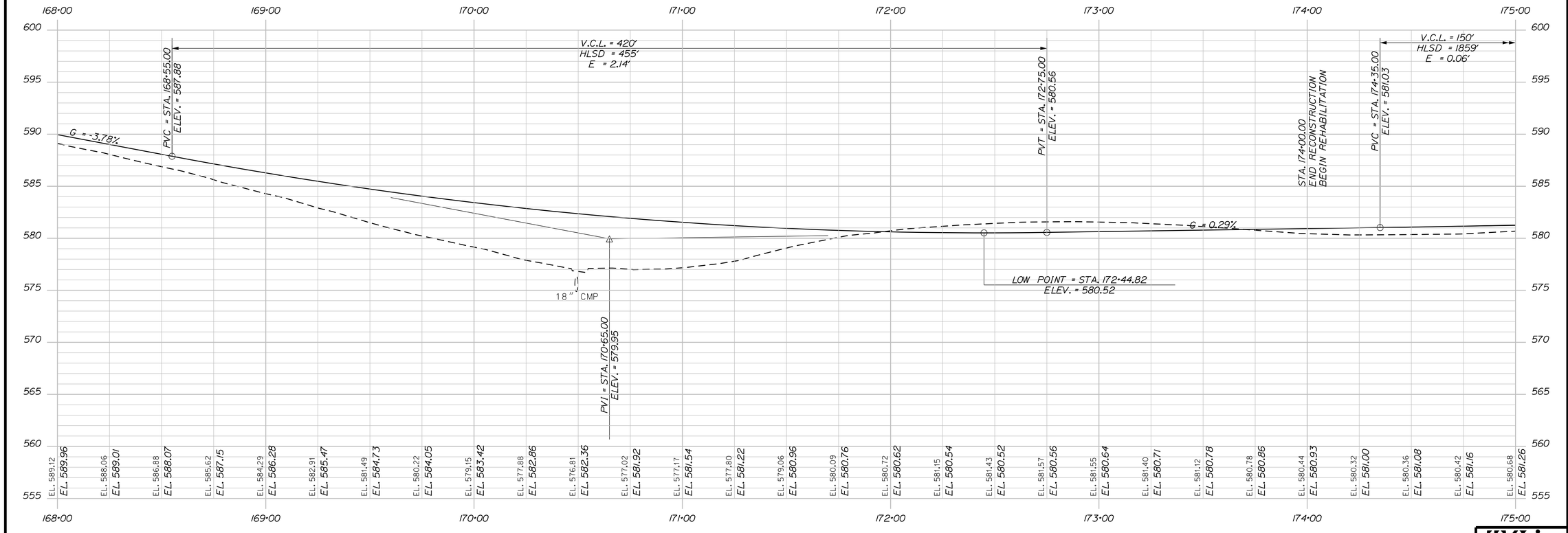
STA. 174+00.00
END RECONSTRUCTION
BEGIN REHABILITATION

STATE HIGHWAY "108" / ROUTE 109

S.H.C. FILE NO. S-16-44

S.H.C. FILE NO. S-3-44

N49°54'58.69"W



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER
25
OF 173

TYLin

Filename: ...\MSTA\xxx_HDPlan&Profile_15.DGN Division: HIGHWAY Username: Date:8/16/2024

PC = STA. 178+82.75

CURVE DATA #12
PI = 182+27.34
D = 6°51'42.4"
Δ = 44°50'59.6" Lt.
R = 835.00'
L = 653.62'
T = 344.59'
E = 68.31'

STA. 181+15.08 U.S. ROUTE 109 =
STA. 360+00 YOUNGS RIDGE ROAD

STATE HIGHWAY "108" / ROUTE 109

FEE SIMPLE HIGHWAY EASEMENT HIGHWAY

CONSTRUCTION ℄

N49°54'58.69"W

N24°08'28.52"E

PC = SB STA. 360+28.44

PC = STA. 361+67.52

N74°43'34.31"W

REMOVE

4.5'x7' RIPRAP APPROX

18" RCP CLASS III

GRADE TO SAVE

REMOVE AND RESET

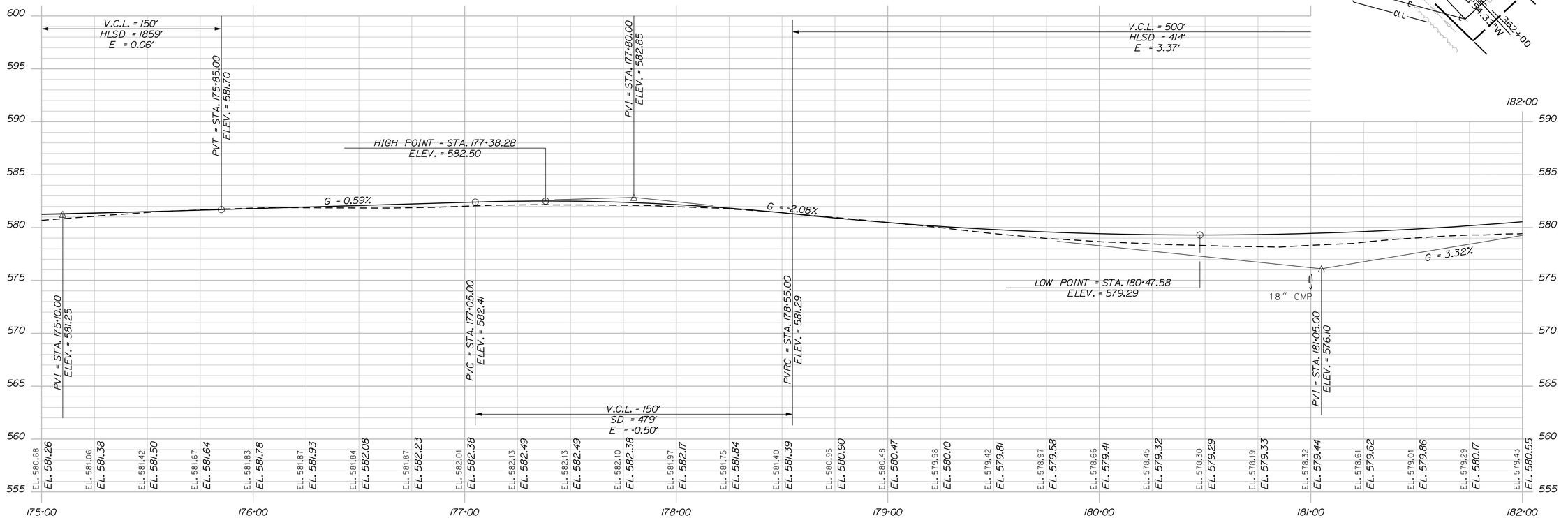
5'-OPTION 1

YOUNGS RIDGE ROAD
CURVE DATA
PI = 360+99.83
D = 22°55'05.9"
Δ = 31°52'23.2" Lt.
R = 250.00'
L = 139.07'
T = 71.39'
E = 9.99'

18" CMP

STRIPING LEGEND

SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE



TYLin

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER
26
OF 173

CURVE DATA #12
PI = 182+27.34
D = 6°51'42.4"
Δ = 44°50'59.6" Lt.
R = 835.00'
L = 653.62'
T = 344.59'
E = 68.31'

CURVE DATA #13
PI = 189+86.32
D = 3°34'51.6"
Δ = 13°56'16.9" Lt.
R = 1600.00'
L = 389.22'
T = 195.58'
E = 11.91'

STA. 183+25.00
END REHABILITATION
BEGIN RECONSTRUCTION

PT = STA. 185+36.37

PC = STA. 187+90.74

STA. 189+50.00
END RECONSTRUCTION
BEGIN REHABILITATION

CLEAR TO ROW LINE BETWEEN
STA. 188+23.72 TO STA. 188+60.36

FEE SIMPLE HIGHWAY
EASEMENT HIGHWAY

S.H.C. FILE NO. S-16-44

CONSTRUCTION ℄

STATE HIGHWAY "108" / ROUTE 109

S85°14'01.70"W

REMOVE

REMOVE STONEWALL

REMAINS

TRUCKS ENTERING HIGHWAY

CMP 115

RT. 109S

RT. 109N

CMP 114 S

182+00 183+00 184+00 185+00 186+00 187+00 188+00 189+00

P-8.0NR P-5.0R P-5.1R P-8.4R P-6.0R P-4.3R P-6.6R P-8.0NR
P-8.0NR P-6.9R P-5.3R P-7.2R P-3.5R P-8.0NR

SWL SWL 2SYL

STRIPING LEGEND

SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE

V.C.L. = 500'
HLSD = 414'
E = 3.37'

G = 3.32%

HIGH POINT = STA. 186+19.05
ELEV. = 589.84

PVI = STA. 186+60.00
ELEV. = 594.50

G = -4.68%

V.C.L. = 480'
SD = 360'
E = -4.80'

| | | |

NOTES:
1. CLEAR TO R.O.W. LINE BETWEEN STA. 190+81.58 TO STA. 191+82.07
2. FOR RETAINING WALL DETAILS AND ELEVATION VIEW, SEE FOLLOWING PLAN & PROFILE SHEET.

CURVE DATA #13
PI = 189+86.32
D = 3°34'51.6"
Δ = 13°56'16.9" Lt.
R = 1600.00'
L = 389.22'
T = 195.58'
E = 11.91'

STRIPING LEGEND
SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE

STATE HIGHWAY "108" / ROUTE 109
CONSTRUCTION @
S71°17'44.78"W
STA. 189+50.00 END RECONSTRUCTION BEGIN REHABILITATION
STA. 192+00.00 END REHABILITATION BEGIN RECONSTRUCTION
PT = STA. 191+79.96
PROPOSED STAIRS
CL PROPOSED RETAINING WALL
GRADE TO SAVE
REMOVE STONEWALL
22.9'x6' RIPRAP DOWNSPOUT/ APRON
UD-B OUTLET
CHECK DAM
18" RCP
REMOVE
REMOVE AND RESET
APPROX. CENTERLINE OF OLD R/W PRIOR TO 1931 - SEE S.H.C. FILE NO. S-16-44
EASE. HIGHWAY
FEE. HIGHWAY
S.H.C. FILE NO. S-16-44
15" OPT. 1
SWL
2SYL
DWL
P-8.0NR
P-6.6R
P-6.8R
P-10.0NR
266 UD
ACT-110
CMP 112
CMP 112S
CMP 73
CMP
ROCK PILE
BOULDERS
WOODEN POST
GRAVEL
CURVE
189+00
190+00
191+00
192+00
193+00
194+00
195+00
196+00

189·00 190·00 191·00 192·00 193·00 194·00 195·00 196·00

590 585 580 575 570 565 560 555 550 545

V.C.L. = 180′
HLSD = 430′
E = 0.63′
G = -4.68%
G = -1.88%
15" CMP
PVT = STA. 189+00.00
ELEV. = 583.27
PVC = STA. 189+60.00
ELEV. = 580.46
PVI = STA. 190+50.00
ELEV. = 576.25
PVRC = STA. 191+40.00
ELEV. = 574.56
STA. 189+50.00 END RECONSTRUCTION BEGIN REHABILITATION
STA. 192+00.00 END REHABILITATION BEGIN RECONSTRUCTION
PVI = STA. 193+35.00
ELEV. = 570.90
V.C.L. = 390′
SD = 429′
E = -2.25′
V.C.L. = 260′
HLSD = 242′
E = 1.80′
G = -6.49%
PVRC = STA. 195+30.00
ELEV. = 558.24

EL. 583.63 EL. 583.27 | EL. 582.41 EL. 582.10 | EL. 581.05 EL. 580.93 | EL. 579.69 EL. 579.78 | EL. 578.49 EL. 578.71 | EL. 577.42 EL. 577.75 | EL. 576.43 EL. 576.88 | EL. 575.53 EL. 576.11 | EL. 574.72 EL. 575.44 | EL. 573.95 EL. 574.86 | EL. 573.41 EL. 574.37 | EL. 573.15 EL. 573.83 | EL. 573.03 EL. 573.22 | EL. 572.89 EL. 572.54 | EL. 572.60 EL. 571.78 | EL. 572.18 EL. 570.95 | EL. 571.56 EL. 570.04 | EL. 570.73 EL. 569.06 | EL. 569.69 EL. 568.01 | EL. 568.53 EL. 566.88 | EL. 567.29 EL. 565.68 | EL. 566.00 EL. 564.40 | EL. 564.66 EL. 563.05 | EL. 563.23 EL. 561.63 | EL. 561.69 EL. 560.13 | EL. 560.12 EL. 558.56 | EL. 558.44 EL. 556.98 | EL. 556.71 EL. 555.53 | EL. 555.02 EL. 554.22

TYLin

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	3/2016	
CHECKED-REVIEWED	H. COWAN	3/2016	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

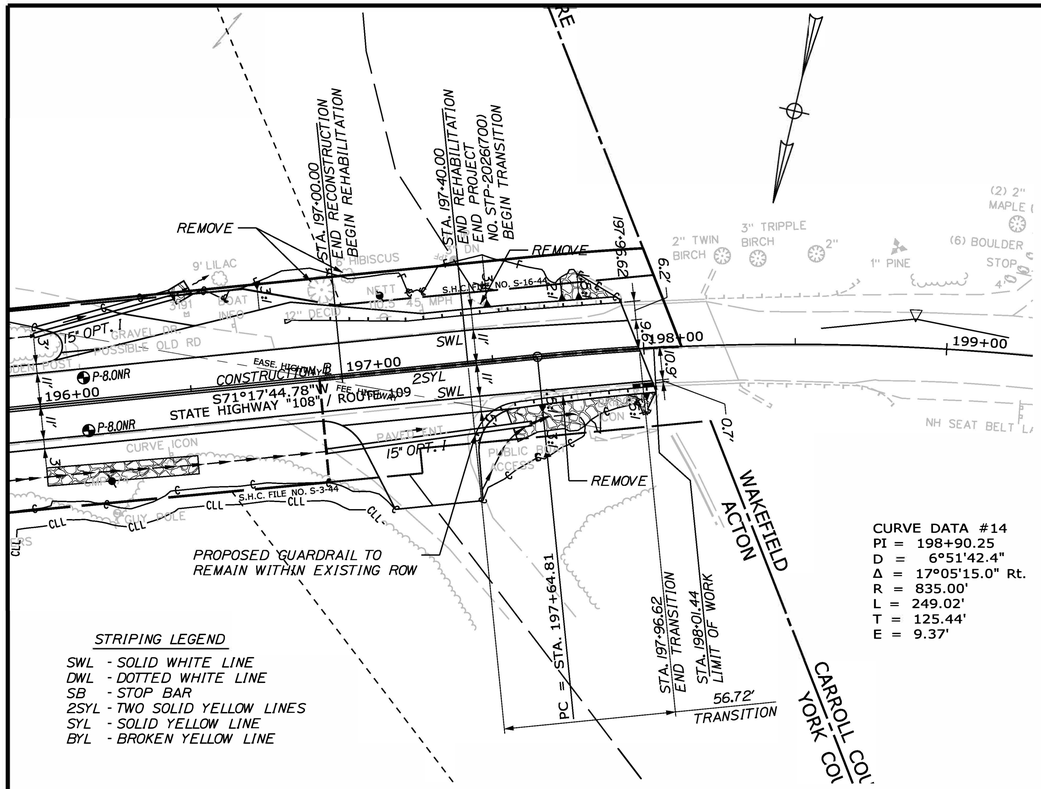
DATE

ACTON
ROUTE 109

PLAN & PROFILE

SHEET NUMBER
28
OF 173

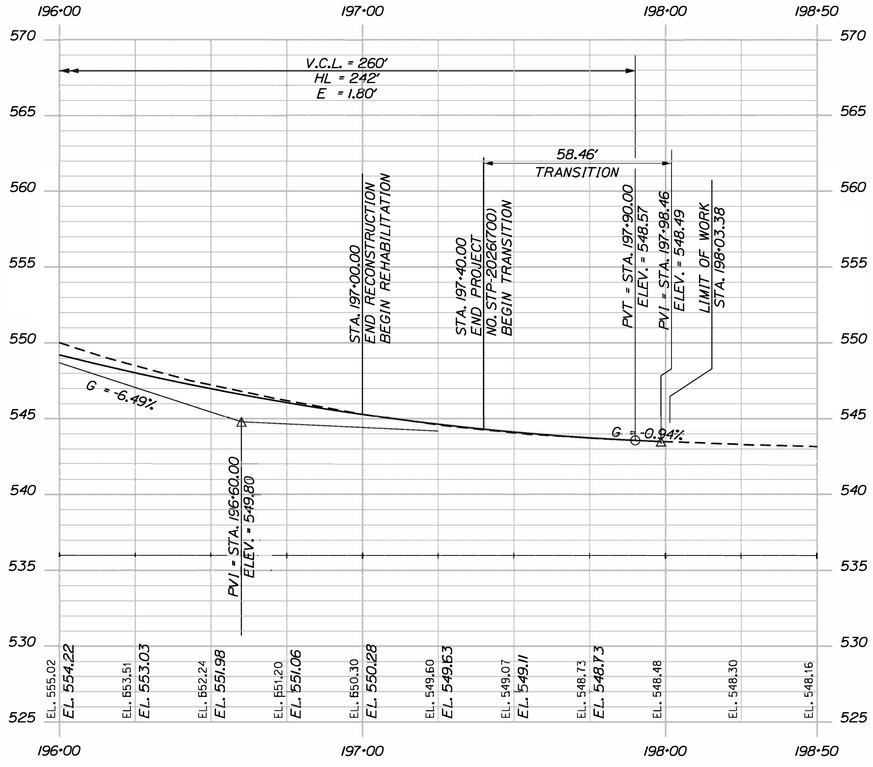
Date:8/16/2024
Username:
Filename: ...\MSTA\xxx_HDPlan&Profile_17.DGN Division: HIGHWAY

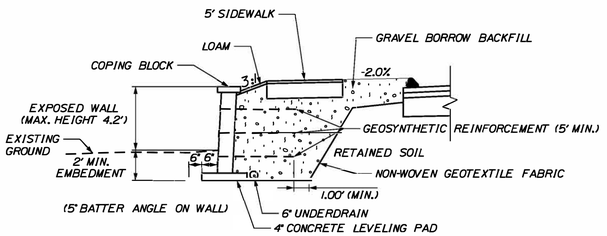


CURVE DATA #14
PI = 198+90.25
D = 6°51'42.4"
Δ = 17°05'15.0" Rt.
R = 835.00'
L = 249.02'
T = 125.44'
E = 9.37'

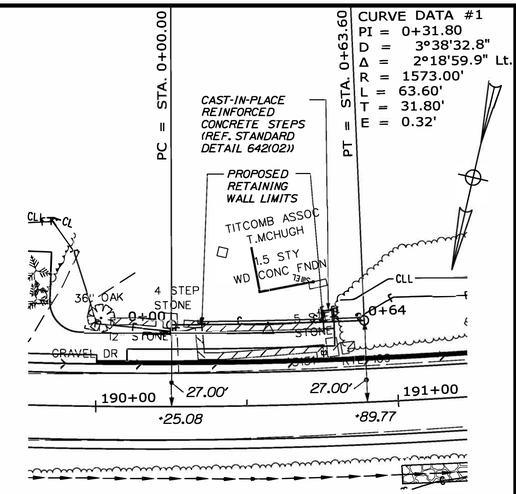
STRIPING LEGEND

SWL - SOLID WHITE LINE
DWL - DOTTED WHITE LINE
SB - STOP BAR
2SYL - TWO SOLID YELLOW LINES
SYL - SOLID YELLOW LINE
BYL - BROKEN YELLOW LINE





TYPICAL SECTION
PROPOSED RETAINING WALL
N.T.S.
STA. 190+35 LT TO STA. 190+86 LT



PLAN
PROPOSED RETAINING WALL

RETAINING WALL NOTES:

1. THE CONTRACTOR SHALL DESIGN AND FURNISH A WET CAST SMALL LANDSCAPE BLOCK WALL IN ACCORDANCE WITH STANDARD SPECIFICATION 673. THE WET CAST SMALL LANDSCAPE BLACK WALL SHALL BE DESIGNED AND SEALED BY A PROFESSIONAL ENGINEER LICENSED IN THE STATE OF MAINE AND SUBMITTED TO THE RESIDENT FOR REVIEW. PLAN DETAILS ARE SHOWN FOR ESTIMATING PURPOSES ONLY.

2. THE WET CAST SMALL LANDSCAPE BLOCK WALL SHALL BE AN APPROVED SYSTEM FROM THE MAINEDOT QUALIFIED PRODUCTS LIST THAT MEETS THE REQUIREMENTS OF STANDARD SPECIFICATION 673.

3. BACKFILL AND FOUNDATION SOIL PARAMETERS FOR USE IN THE SUBMITTED DESIGN SHALL BE IN ACCORDANCE WITH STANDARD SPECIFICATION 673.

4. ALL EXPOSED BLOCK FACES SHALL BE FINISHED TO MATCH THE WALL FACE.

5. PIPE DRAINAGE SHALL BE INCLUDED IN THE DESIGN OF THE WALLS. WALL DRAINAGE WILL BE INCIDENTAL TO THE CONSTRUCTION OF THE WALL.

6. A MINIMUM EMBEDMENT DEPTH OF 2.0 FEET IS REQUIRED FOR THE CONSTRUCTION OF THE WET CAST LANDSCAPE BLOCK WALL.

7. RETAINING WALL ELEVATION DRAWN FACING RIGHT OF CENTERLINE DOWN STATION TO RIGHT AND UP STATION TO LEFT.

8. END OF COPING NOT SHOWN ON PLAN AND ELEVATION VIEWS.

9. PLAN VIEW WALL BATTER NOT SHOWN.

10. CONSULT SUPPLIERS CHARTS TO DETERMINE MINIMUM BOTTOM COARSE RADIUS.

11. ALL RETAINING WALL RADII IN PLAN DRAWN AT 5.0 FEET.

12. ACTUAL WALL ALIGNMENT AND LIMITS TO BE DETERMINED IN THE FIELD.

13. EXISTING RETAINING WALL TO BE EXCAVATED DOWN TO A MINIMUM OF 2.4 FEET BELOW FINISHED SIDEWALK GRADE. A MINIMUM 4 INCH THICK LEVELING PAD SHALL BE PLACED ON THE EXISTING RETAINING WALL PORTION TO REMAIN (IF ANY) IN AREAS WHERE THE EXISTING AND PROPOSED WALLS COINCIDE.

14. THE FACE QUANTITY OF WET CAST SMALL LANDSCAPE BLOCK WALL WILL BE APPROVED BY APPROVAL OF THE SHOP DRAWINGS.

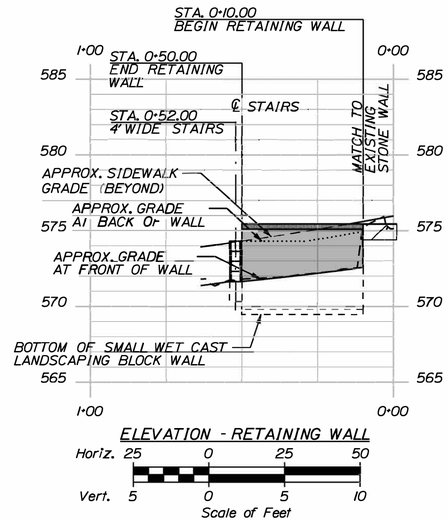
15. UTILITY POLES AND/OR OTHER FACILITIES REQUIRED WITHIN THE WALL LIMITS SHALL NOT BE DRIVEN OR AUGURED THROUGH GEOSYNTHETIC REINFORCEMENT. THE IMPACT OF UTILITY POLES AND/OR OTHER FACILITIES ON WALL REINFORCEMENT SHALL BE ADDRESSED IN THE WALL DESIGN SUBMITTAL.

16. THE CONTRACTOR SHALL DESIGN AND FURNISH HANDRAILS FOR ALL STAIRS AT THE RETAINING WALLS. THE DESIGN SHALL MEET THE 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN. THE HANDRAIL DESIGN SHALL BE SUBMITTED TO THE DEPARTMENT FOR REVIEW AND ACCEPTANCE.

17. LOCATION OF EXISTING AND PROPOSED UTILITIES ARE APPROXIMATE. SEE CROSS SECTIONS FOR ADDITIONAL INFORMATION.

18. PROPOSED ELEVATIONS ARE ASSUMED BASED ON BLOCK DIMENSIONS OF 18"W X 6"H. ACTUAL ELEVATIONS MAY VARY DEPENDING UPON ACTUAL DIMENSIONS.

19. ANY DAMAGE TO THE EXISTING TRAVELWAY OR SHOULDER CAUSED BY THE CONTRACTOR'S WORK OR EQUIPMENT SHALL BE REPAIRED TO THE SATISFACTION OF THE RESIDENT AT THE CONTRACTOR'S EXPENSE.



ELEVATION - RETAINING WALL

Horiz. 25 0 25 50
Vert. 5 0 5 10
Scale of Feet

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	R. BETZ	T. KELLEY	H. COWAN	SIGNATURE	P.E. NUMBER
PROJ. MANAGER					
DESIGN-DETAILED	T. KELLEY	3/2016			
CHECKED-REVIEWED	H. COWAN	3/2016			
DESIGN2-DETAILED2				DATE	
DESIGN3-DETAILED3					
REVISIONS 1				BY	
REVISIONS 2					
REVISIONS 3				DATE	
REVISIONS 4					
FIELD CHANGES					

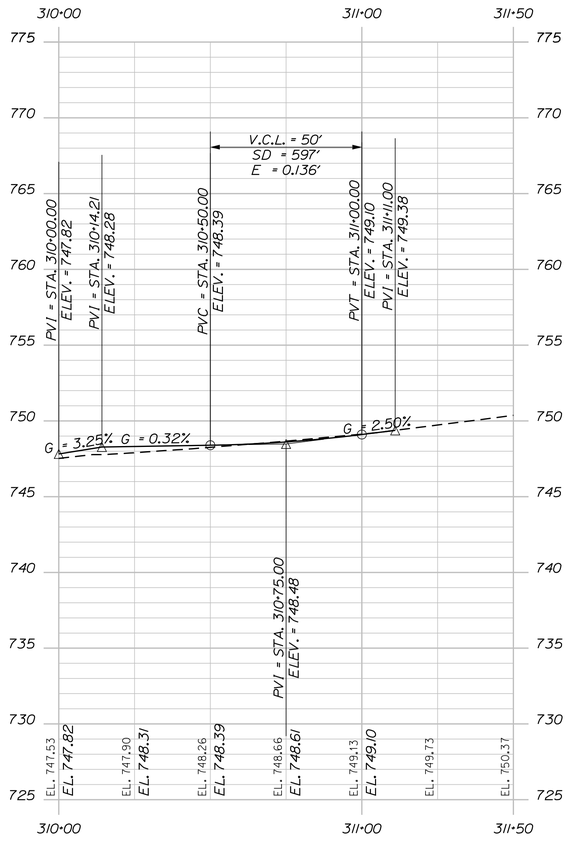
ACTON
ROUTE 109

PLAN & PROFILE

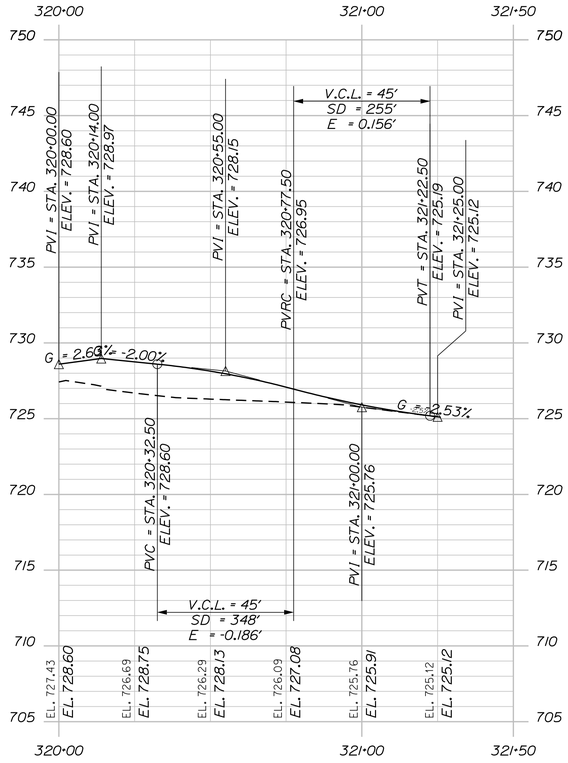
SHEET NUMBER
29
OF 173

TYLin

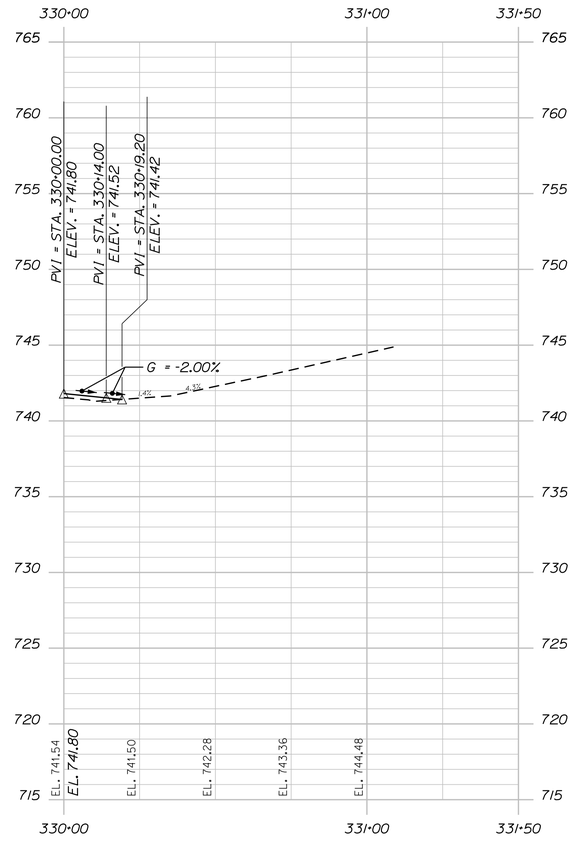
Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\MSTA\xxx_HDPlan&Profile_18.DGN



PROFILE - SAM PAGE ROAD



PROFILE - OLD ACTON AIRFIELD ROAD



PROFILE - MUSE LANE

Username:

Date:8/16/2024

Division: HIGHWAY

Filename: ...\MSTA\xxx_HDProfile_01.DGN

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

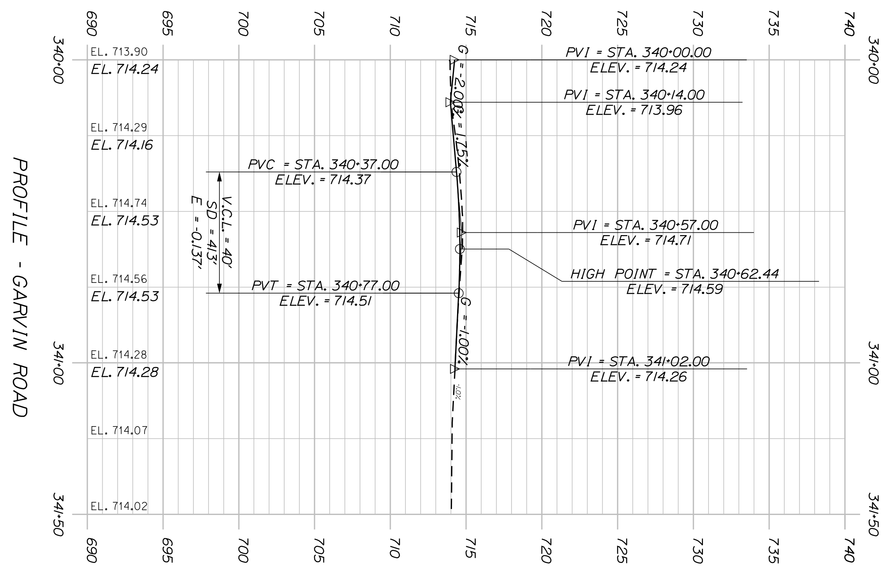
PROFILES
SIDE ROAD 1 OF 2

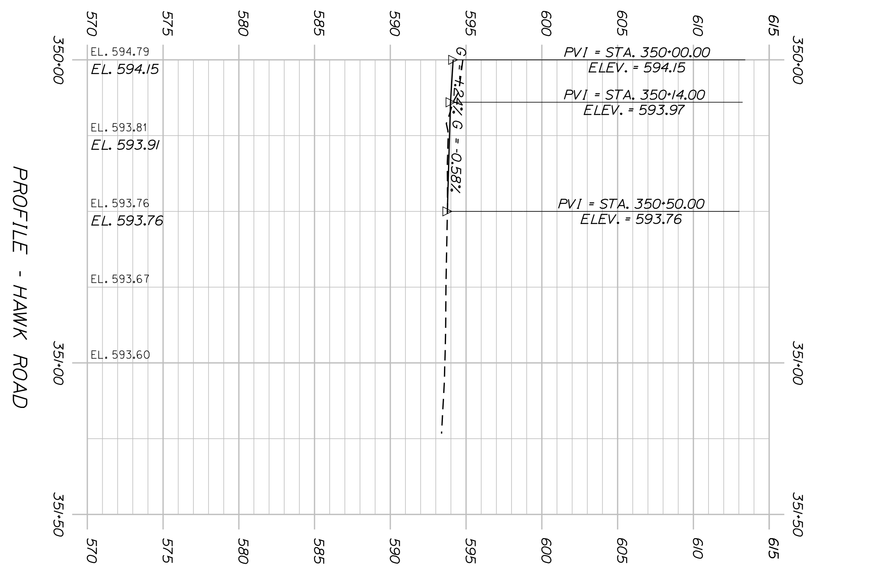
SHEET NUMBER

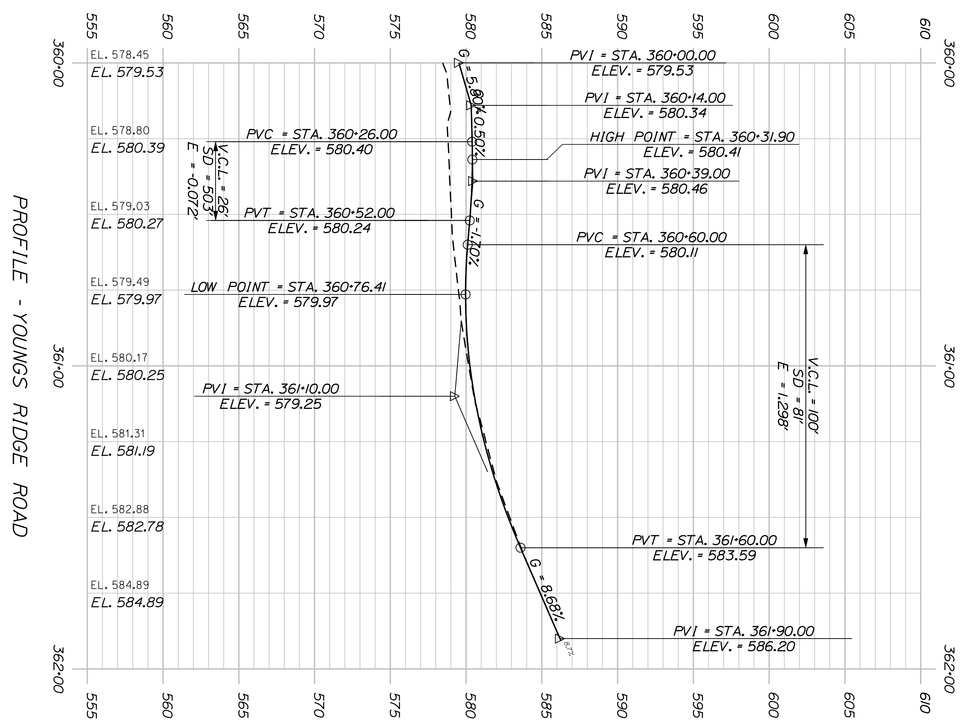
30

OF 173

TYLin







TYLin

SHEET NUMBER 31 OF 173

ACTON
ROUTE 109
PROFILES
SIDE ROAD 2 OF 2

PROJ. MANAGER	R. BETZ	BY	DATE
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00 HIGHWAY PLANS

Sta. 79+50.00 to Sta. 80+50.00

Date:8/16/2024 Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

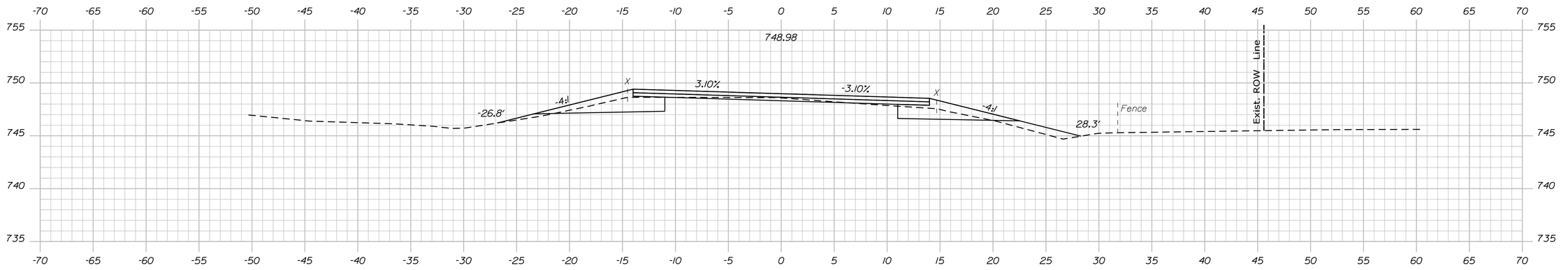
CROSS SECTIONS

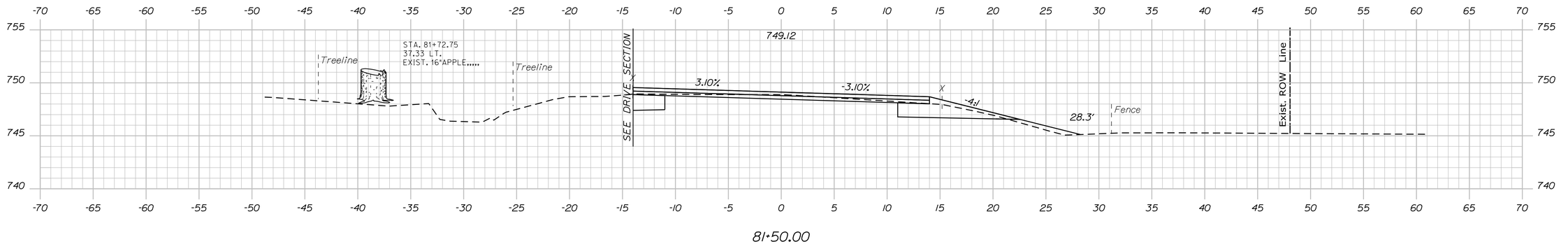
SHEET NUMBER

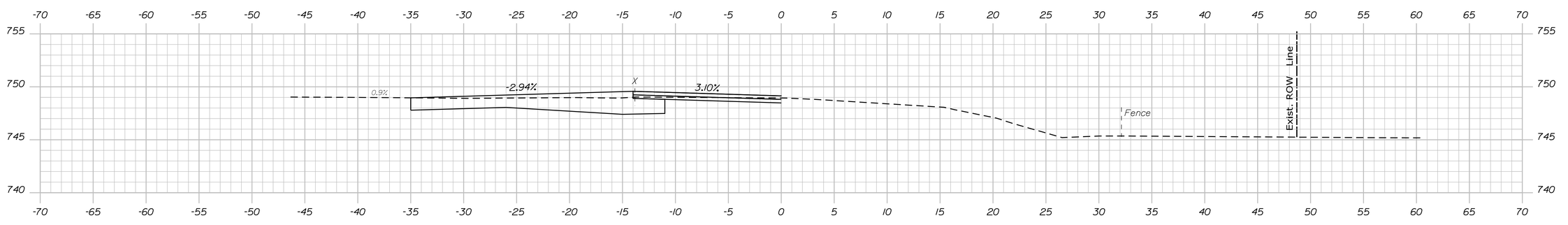
32

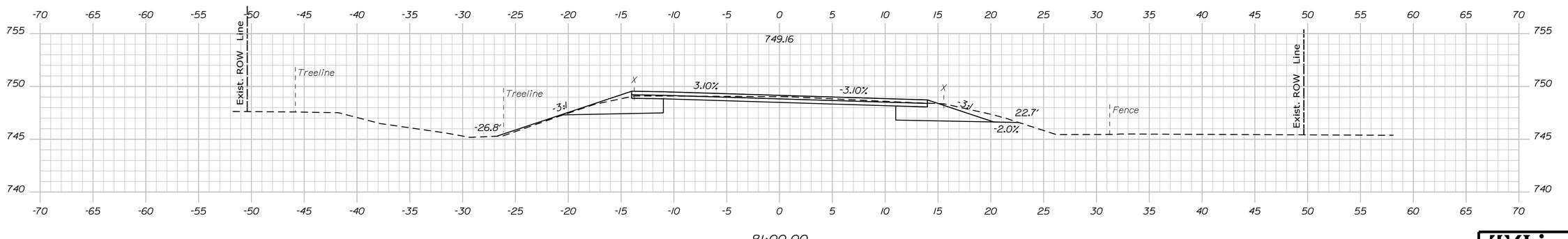
OF 173

TYLin









STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	3/2016	
CHECKED-REVIEWED	H. COWAN	3/2016	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

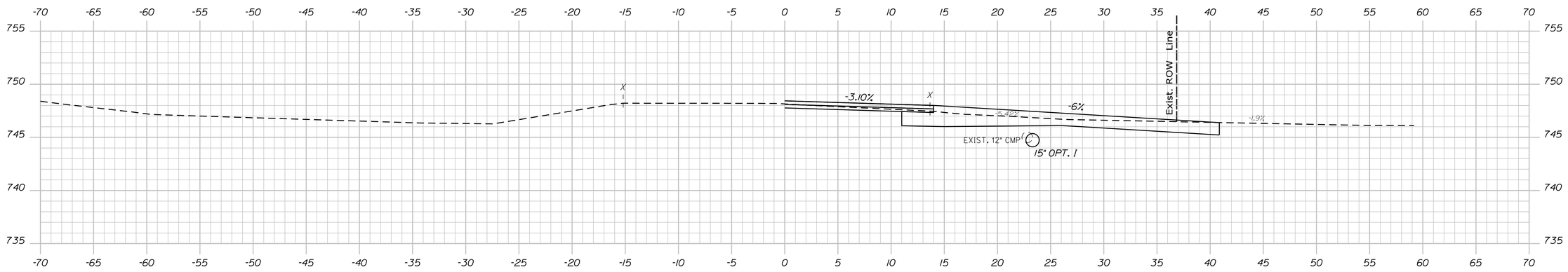
33

OF 173

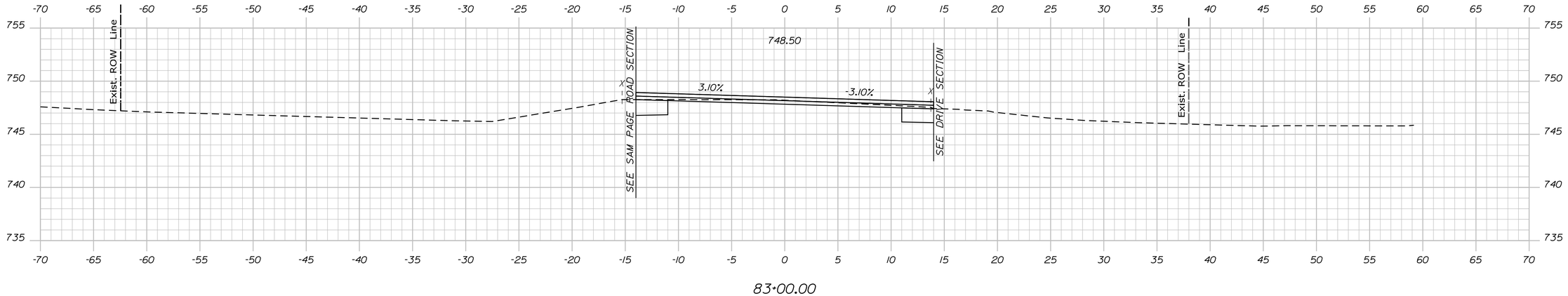
TYLin

Sta. 81+00.00 to Sta. 82+00.00

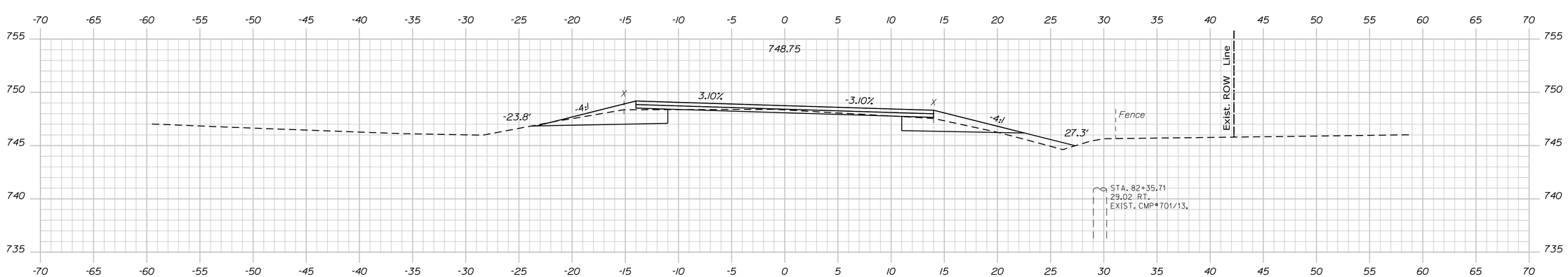
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



83+11.94



83+00.00



82+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

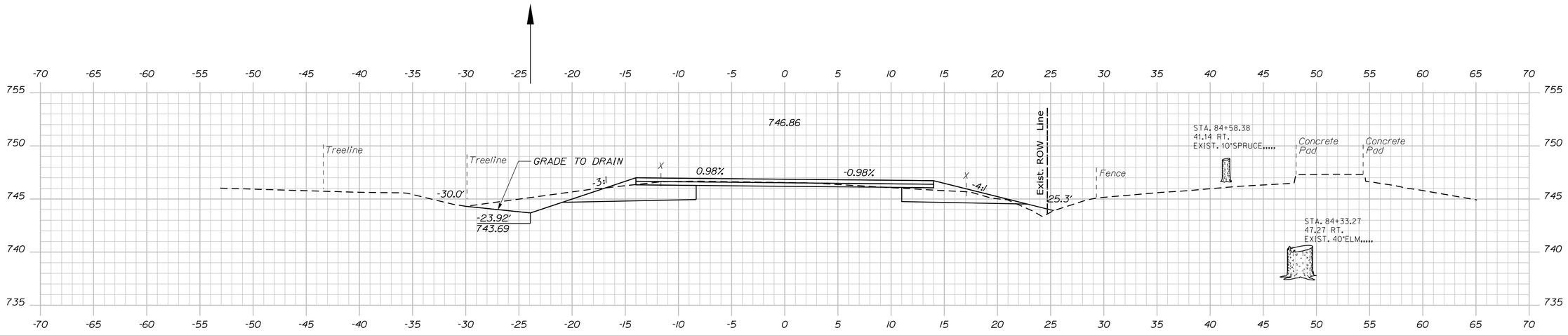
34

OF 173

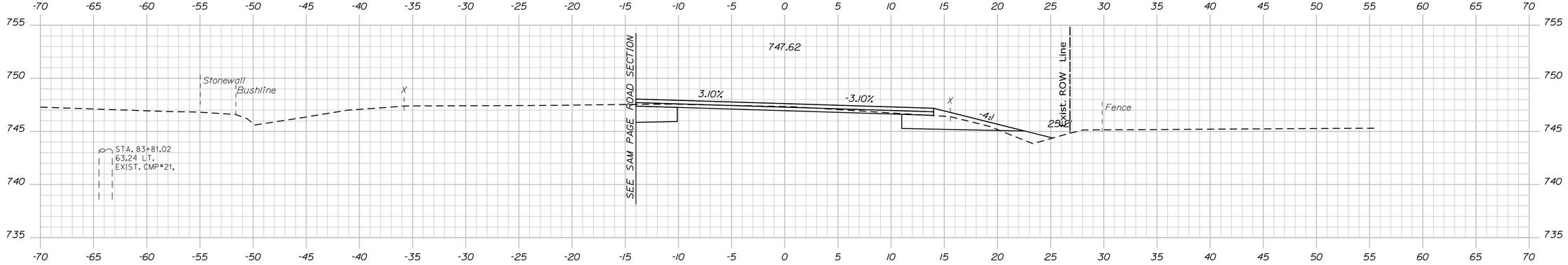
TYLin

Sta. 82+50.00 to Sta. 83+11.94

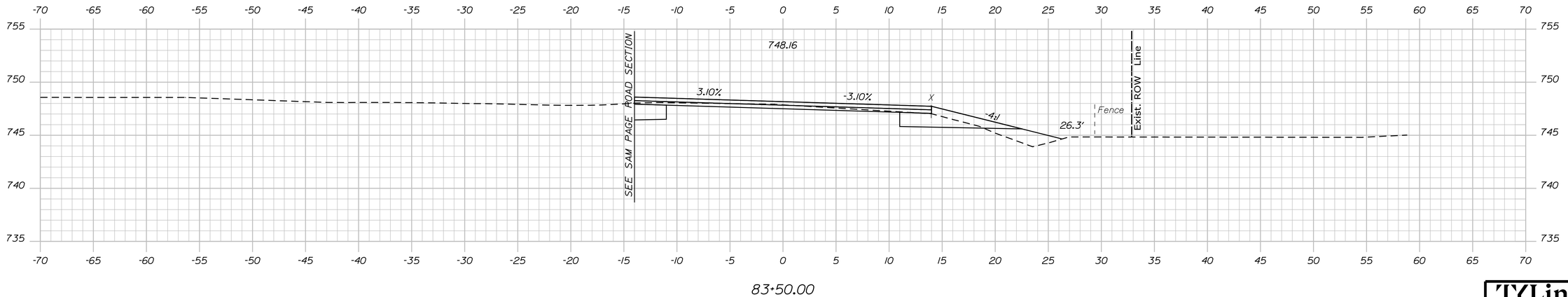
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



84+50.00



84+00.00



83+50.00

Sta. 83+50.00 to Sta. 84+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
R. BETZ		
T. KELLEY	T. KELLEY	3/2016
H. COWAN	H. COWAN	3/2016

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

ACTON
ROUTE 109

CROSS SECTIONS

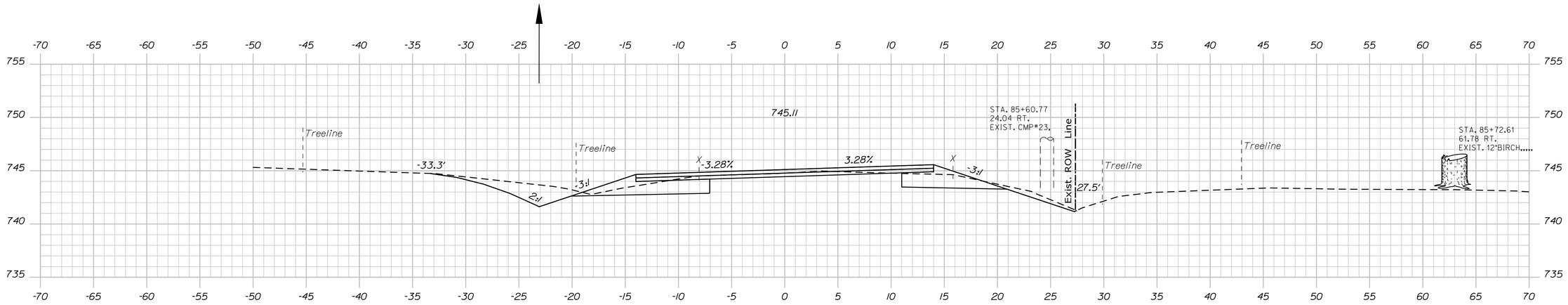
SHEET NUMBER

35

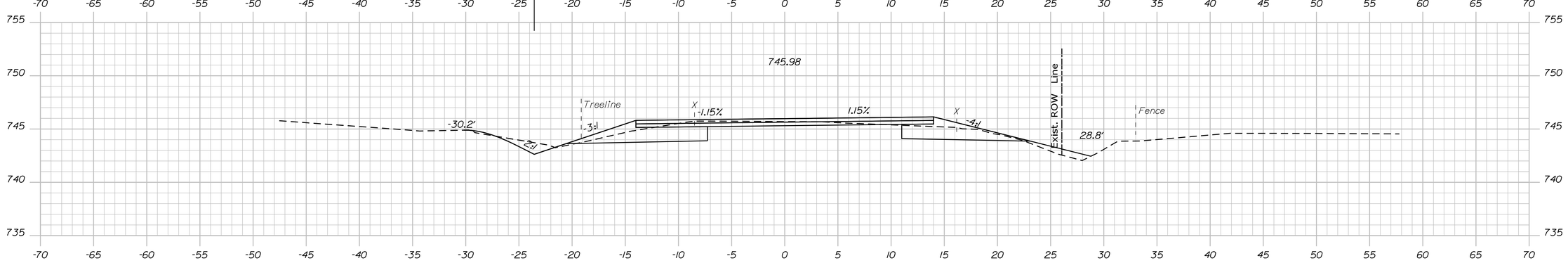
OF 173

TYLin

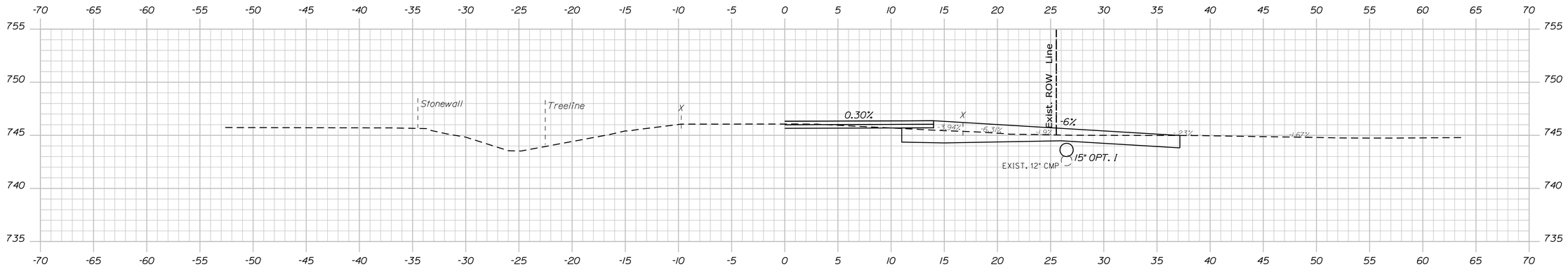
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



85+50.00



85+00.00



84+80.34

Sta. 84+80.34 to Sta. 85+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
R. BETZ		
T. KELLEY	T. KELLEY	3/2016
H. COWAN	H. COWAN	3/2016

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

ACTON
ROUTE 109

CROSS SECTIONS

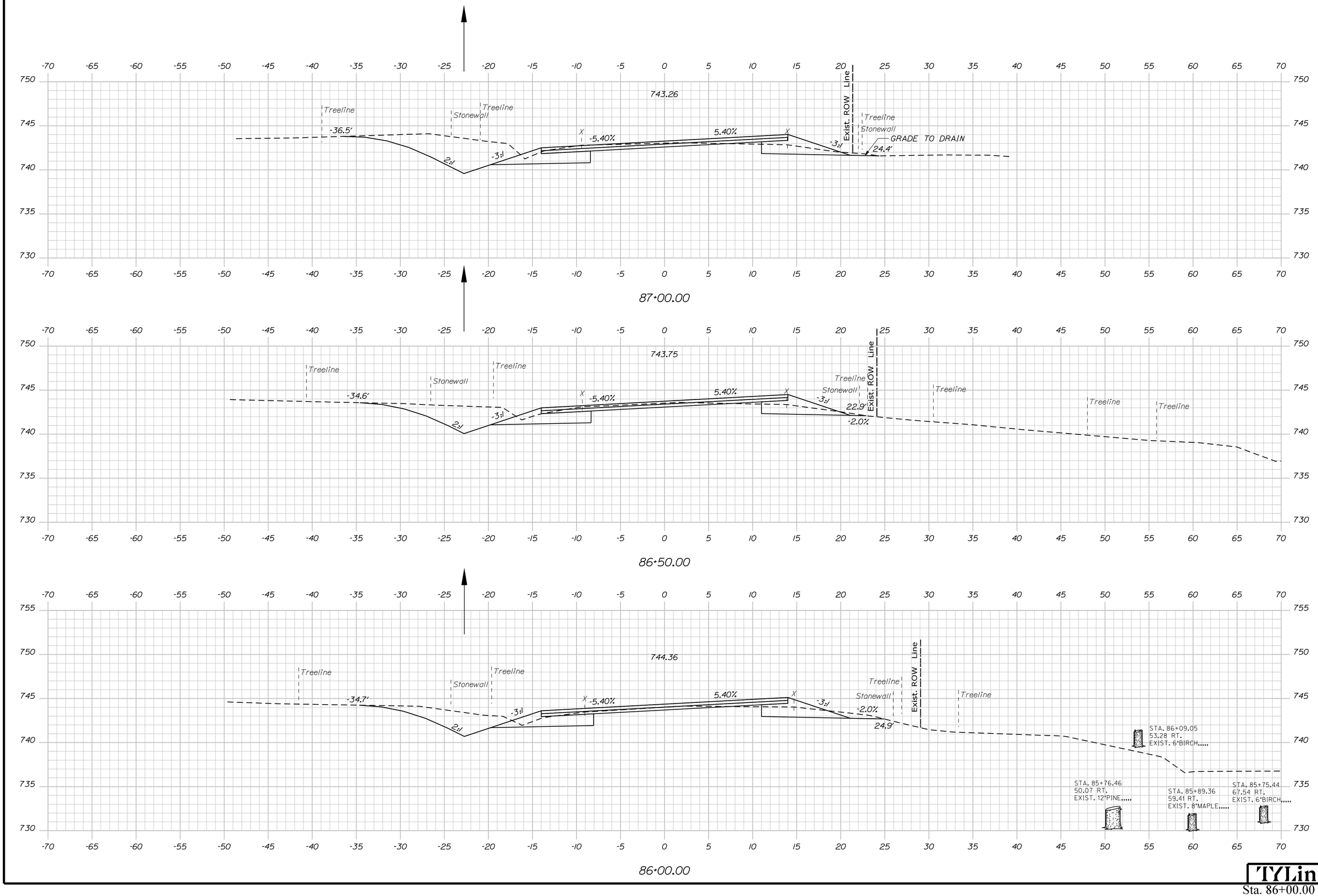
SHEET NUMBER

36

OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



Sta. 86+00.00 to Sta. 87+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE			
P.E. NUMBER			
DATE			

			DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

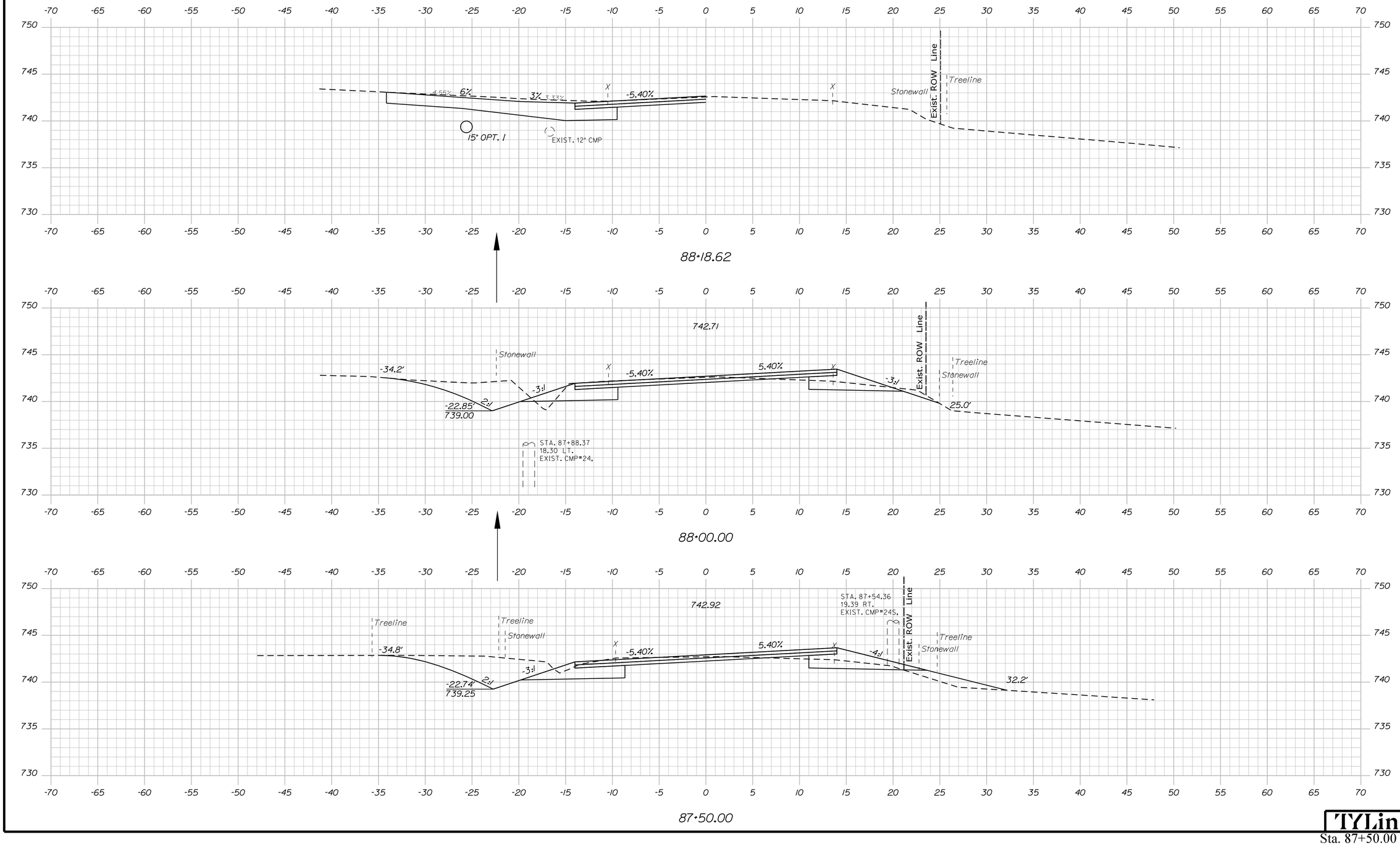
ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER
37
OF 173

TYLin

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Sta. 87+50.00 to Sta. 88+18.62

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Username:
Division: HIGHWAY
Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

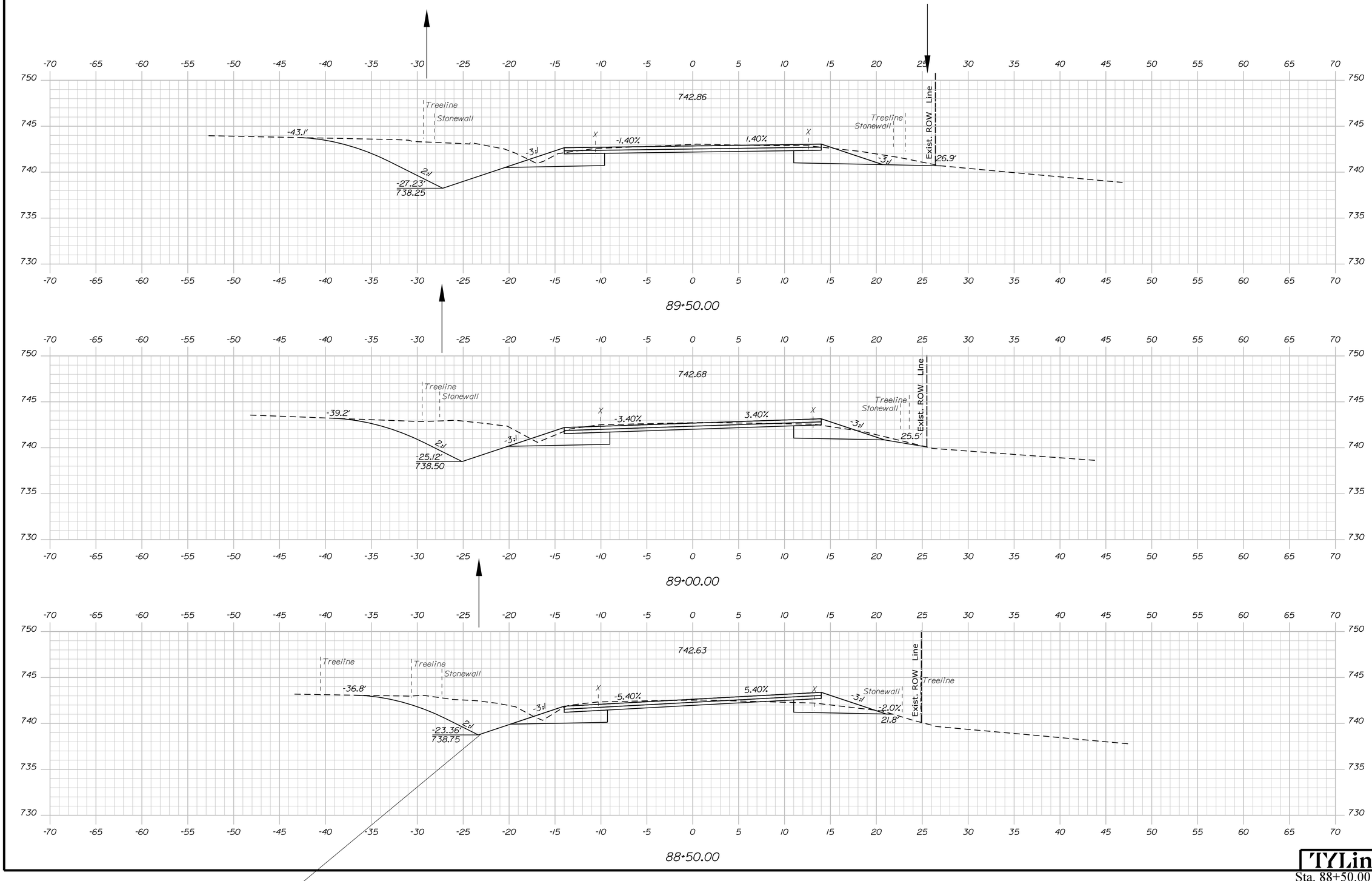
CROSS SECTIONS

SHEET NUMBER

38

OF 173

TYLin



Sta. 88+50.00 to Sta. 89+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	R. BETZ
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BY	DATE
T. KELLEY	3/2016
H. COWAN	3/2016

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

39

OF 173

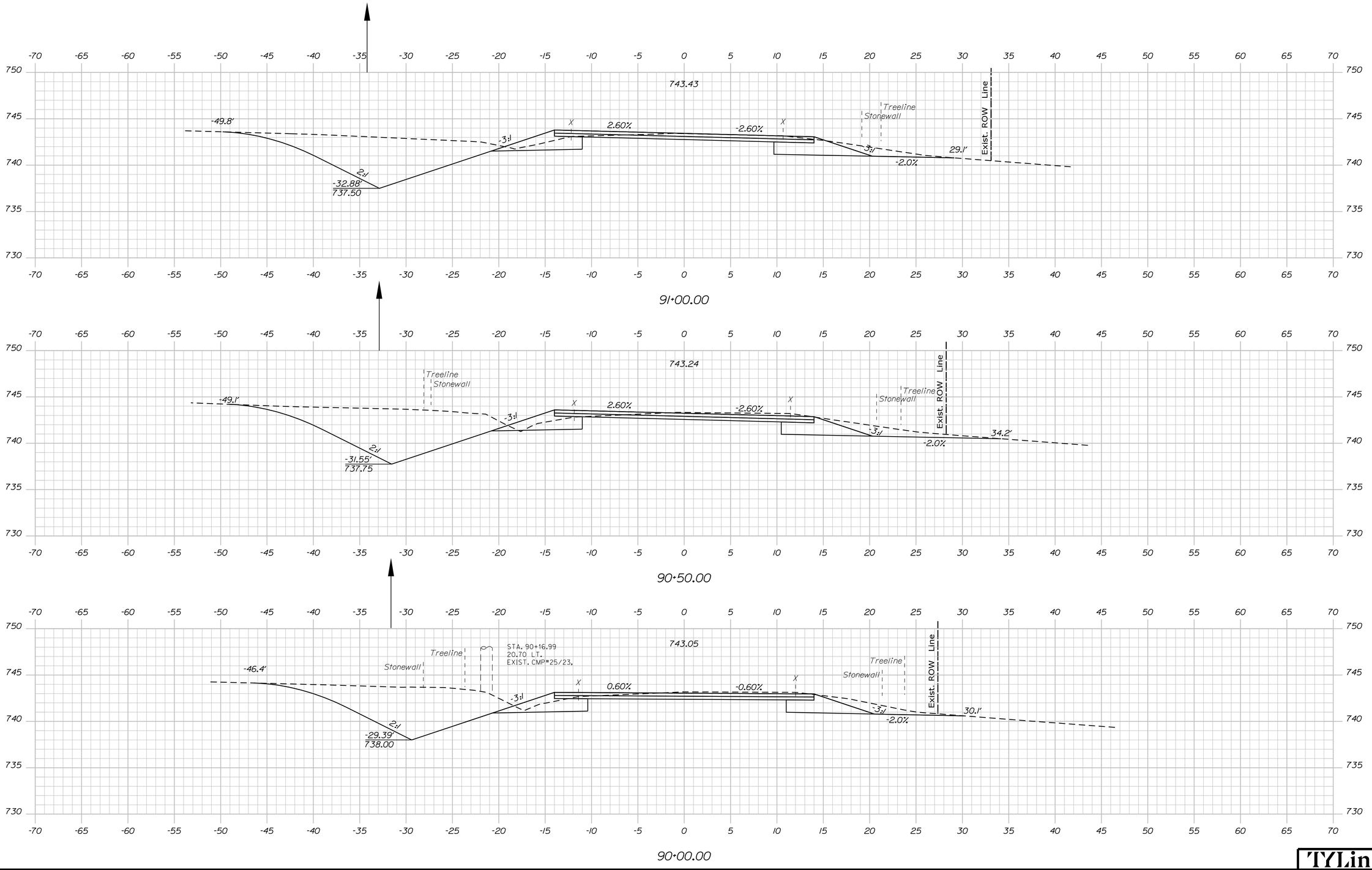
TYLin

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

CROSS SECTIONS

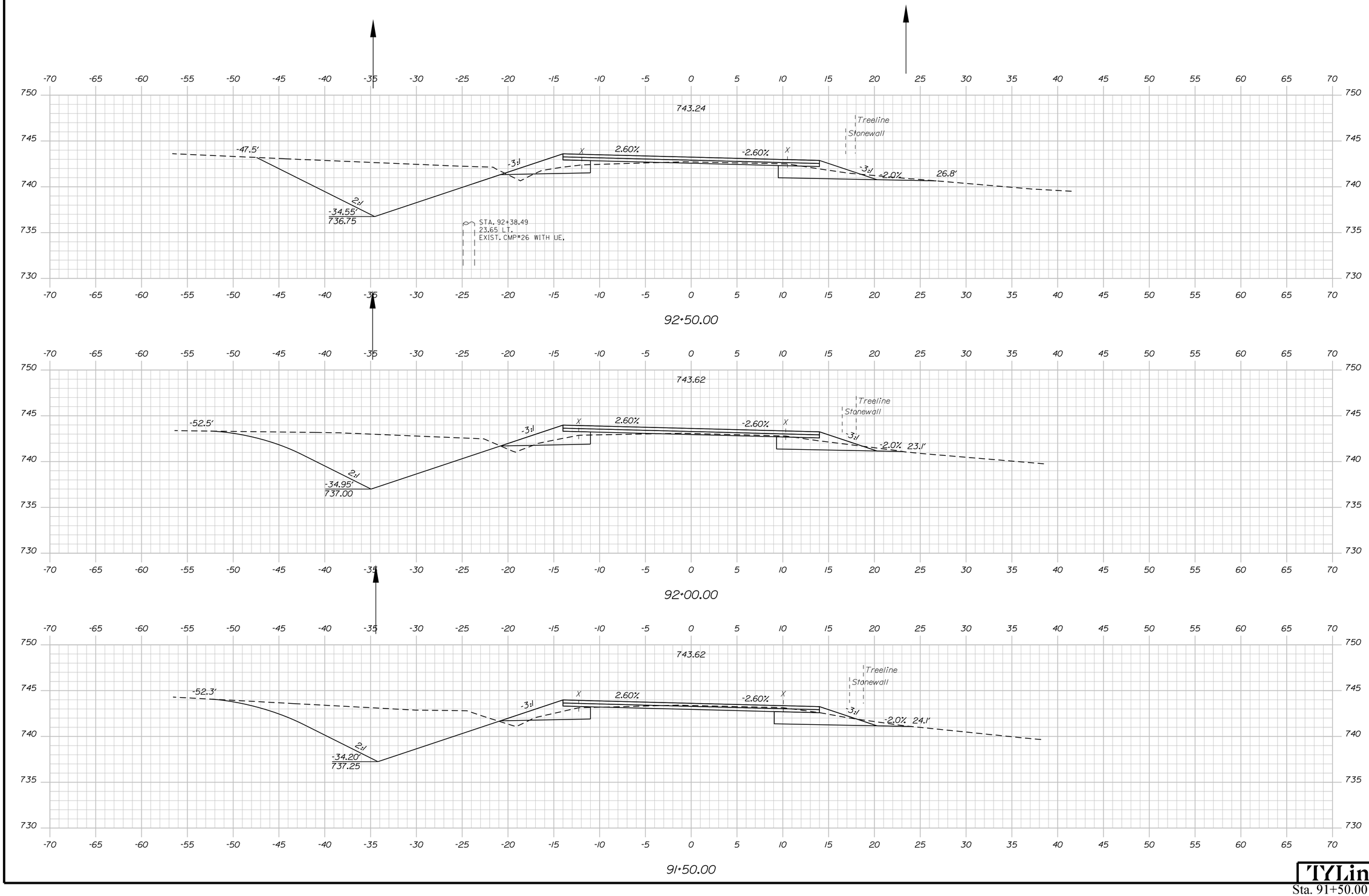
SHEET NUMBER

40

OF 173

TYLin

Sta. 90+00.00 to Sta. 91+00.00



Sta. 91+50.00 to Sta. 92+50.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ				
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016		
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016		
DESIGN2-DETAILED2	ED2				
DESIGN3-DETAILED3	ED3				
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

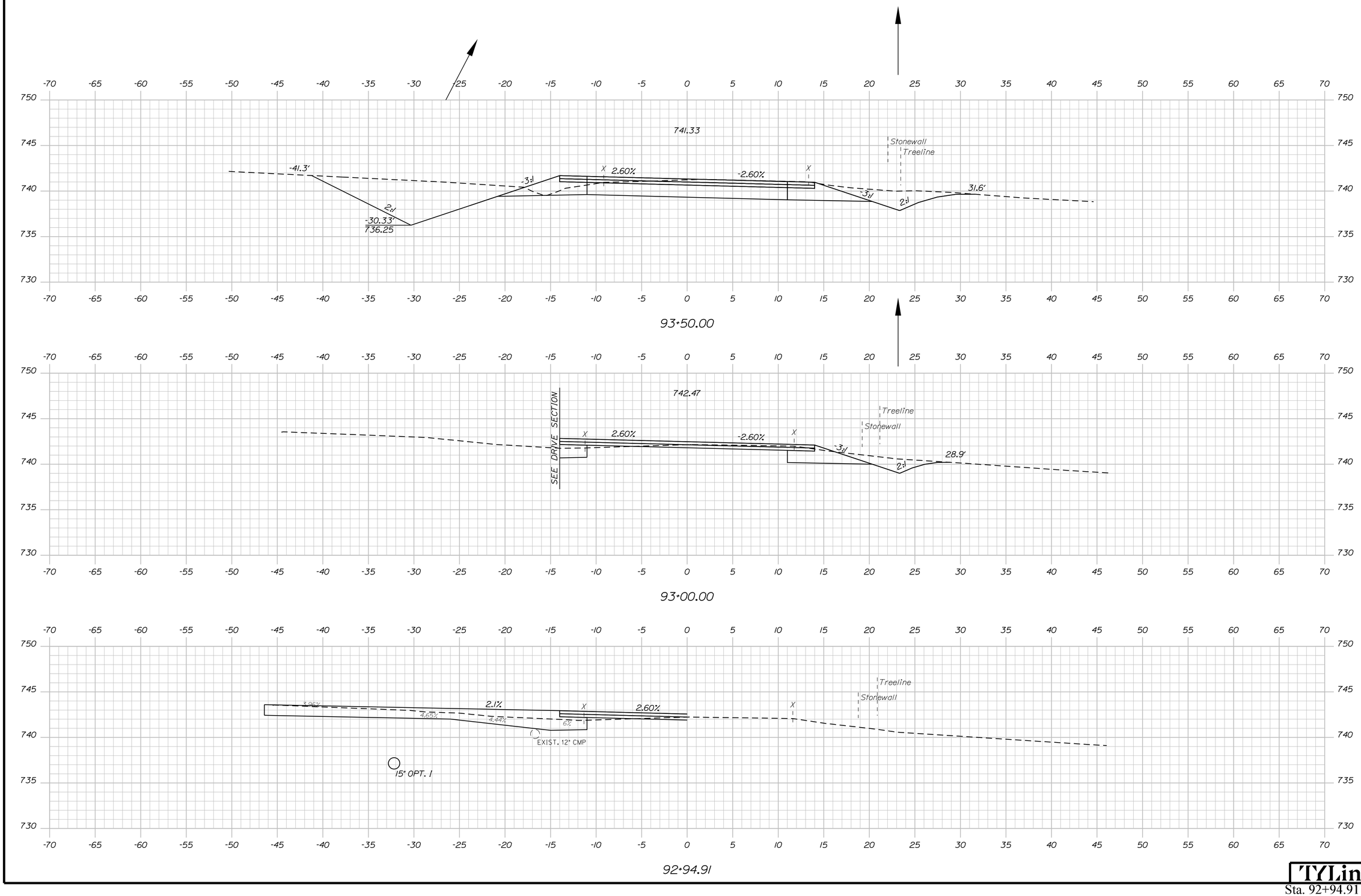
CROSS SECTIONS

SHEET NUMBER

41

OF 173

TYLin



Sta. 92+94.91 to Sta. 93+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

BY / DATE

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

42

OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username:

Date:8/16/2024

Sta. 94+00.00 to Sta. 95+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	3/2016	DATE
CHECKED-REVIEWED	H. COWAN	3/2016	BY
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

43

OF 173

TYLin

Date:8/16/2024 Username: Division: HIGHWAY Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

Sta. 95+50.00 to Sta. 96+50.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

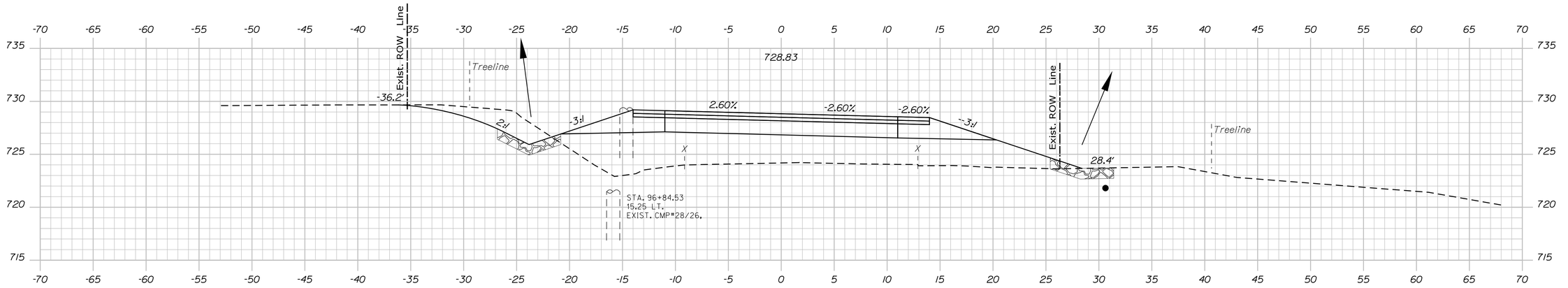
SHEET NUMBER

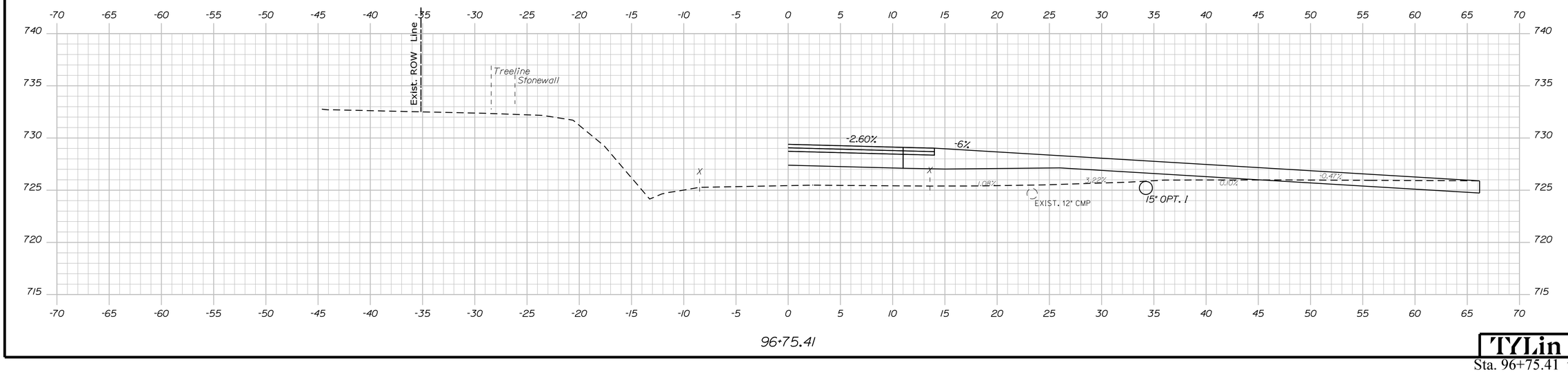
44

OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ	BY	DATE
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

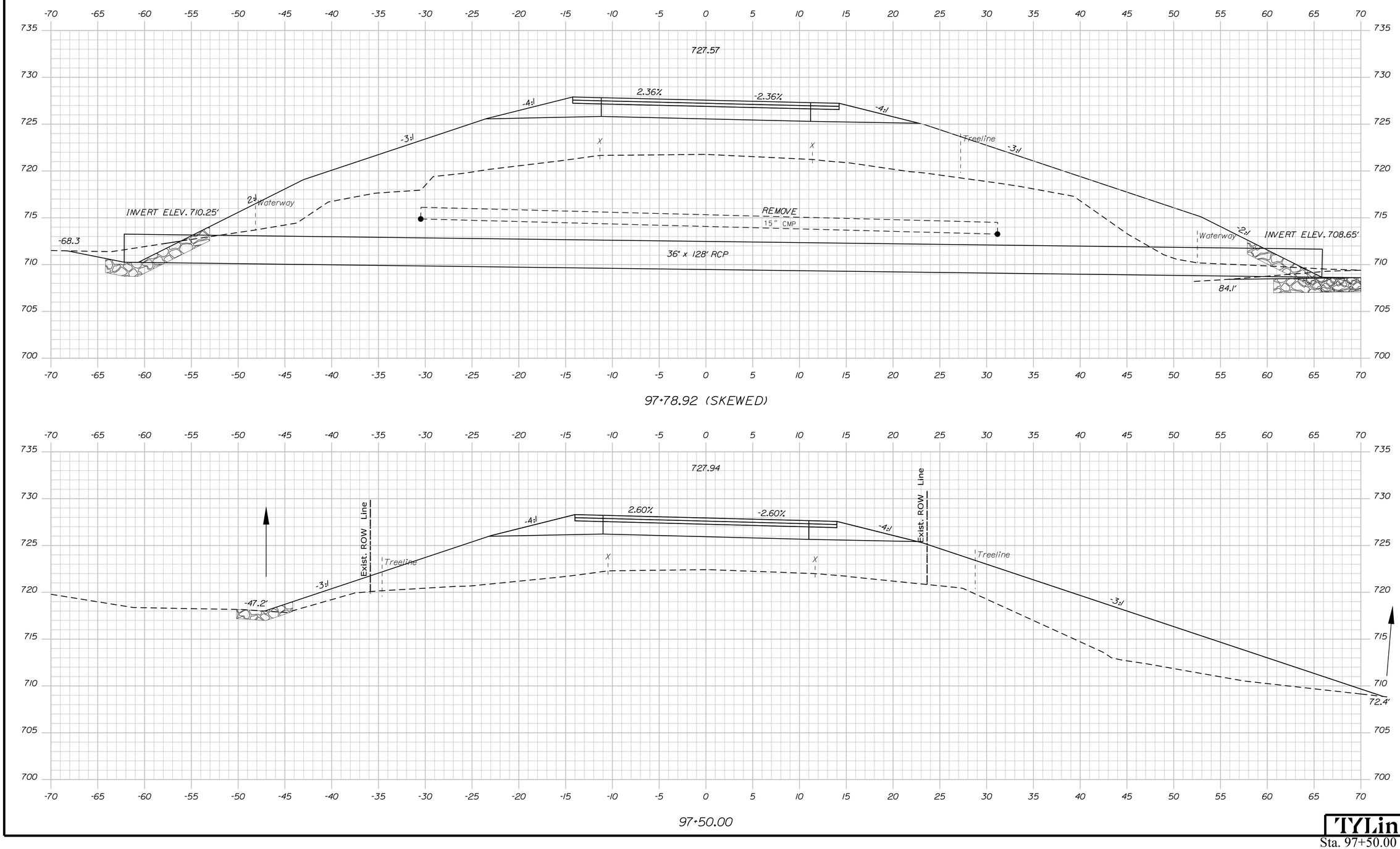
SHEET NUMBER

45

OF 173

TYLin

Sta. 96+75.41 to Sta. 97+00.00



Sta. 97+50.00 to Sta. 97+78.92

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	3/2016	T. KELLEY
CHECKED-REVIEWED	H. COWAN	3/2016	H. COWAN
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

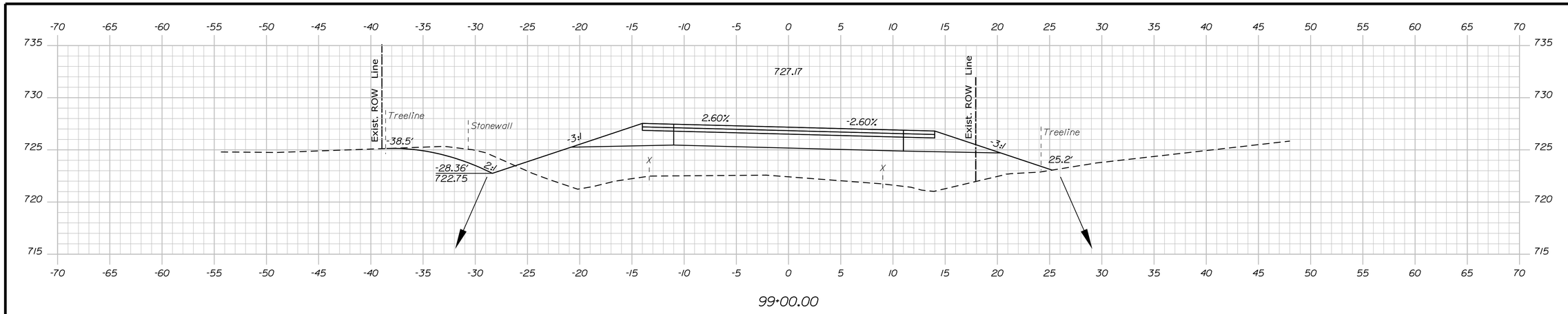
SHEET NUMBER

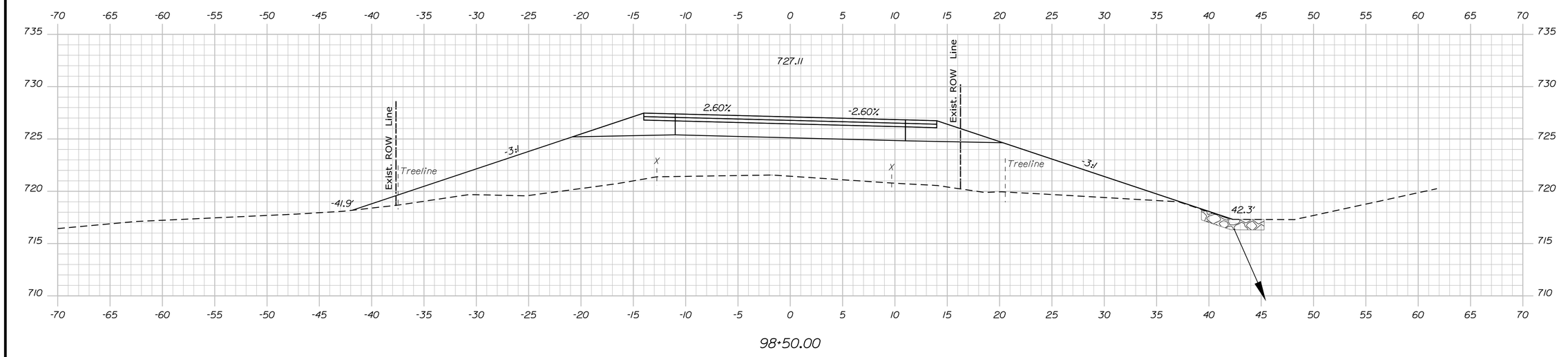
46

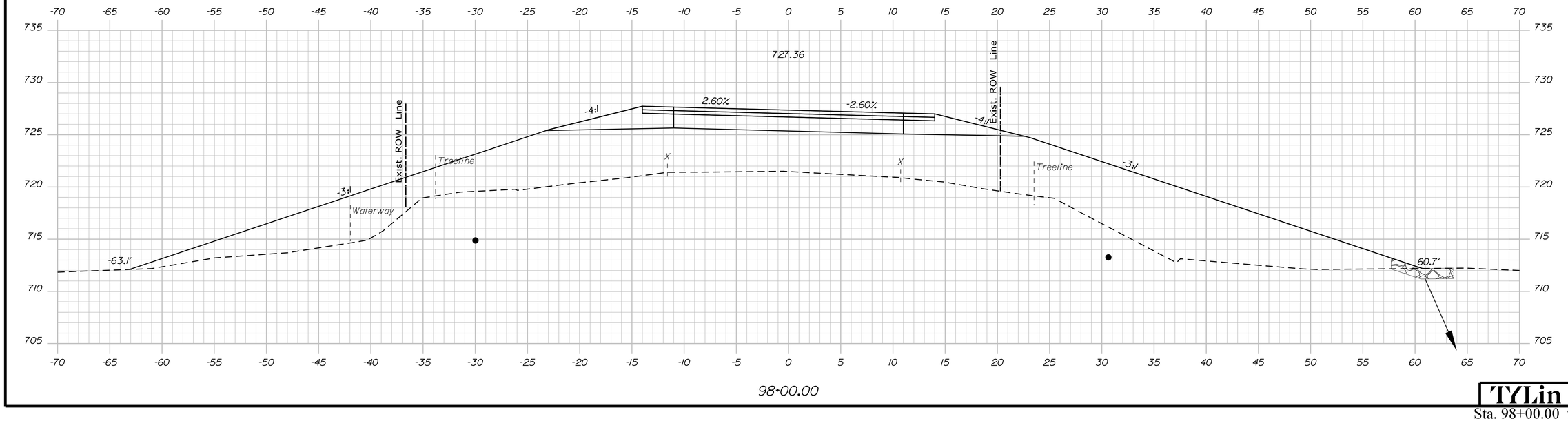
OF 173

TYLin

Date:8/16/2024 Username: Division: HIGHWAY Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn







Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

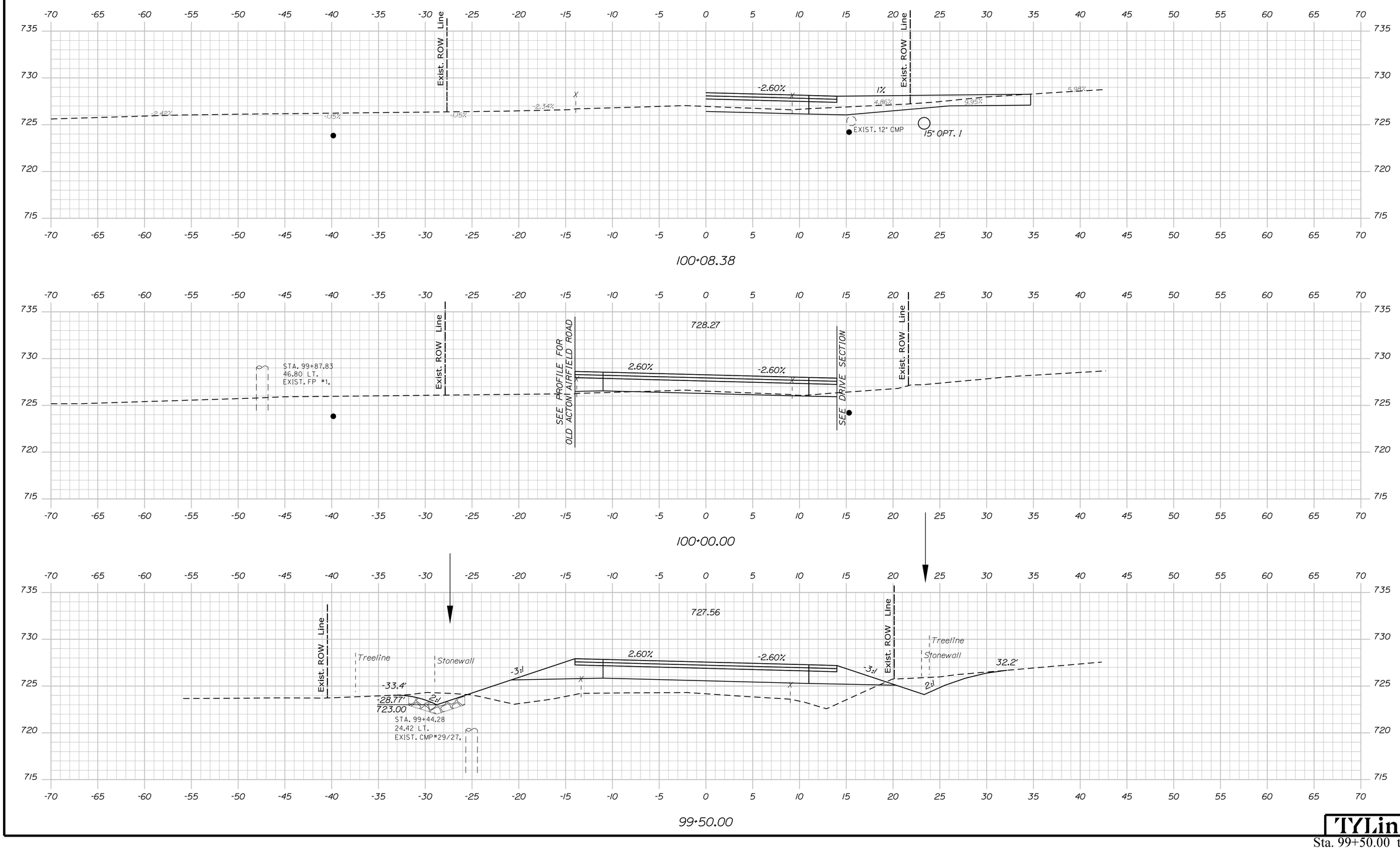
SHEET NUMBER

47

OF 173

TYLin

Sta. 98+00.00 to Sta. 99+00.00



Date:8/16/2024

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Username: Division: HIGHWAY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	R. BETZ
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	T. KELLEY	3/2016
REVISIONS 2	H. COWAN	3/2016
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

CROSS SECTIONS

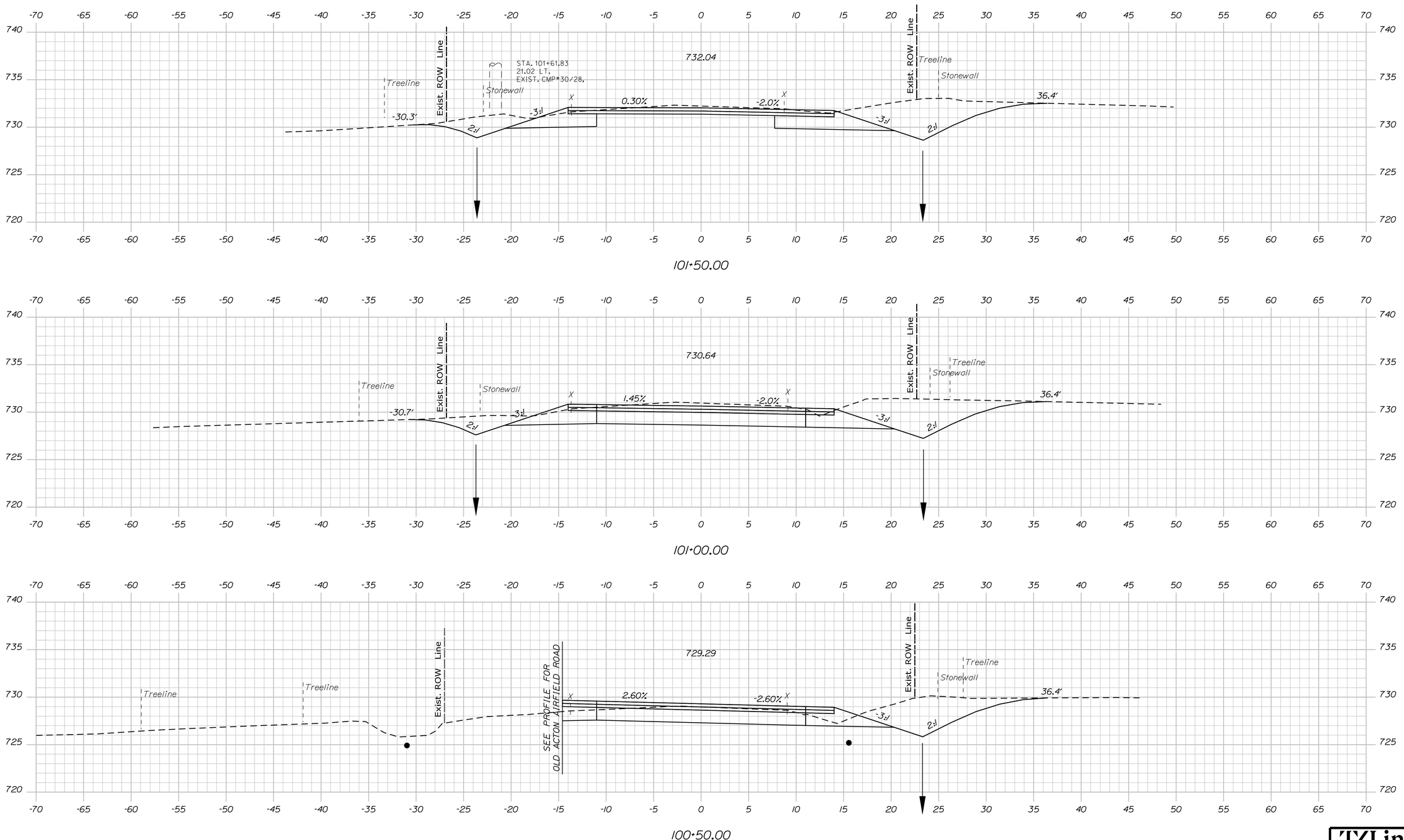
SHEET NUMBER

48

OF 173

TYLin

Sta. 99+50.00 to Sta. 100+08.38



Sta. 100+50.00 to Sta. 101+50.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	R. BETZ
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	T. KELLEY	3/2016
REVISIONS 2	H. COWAN	3/2016
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

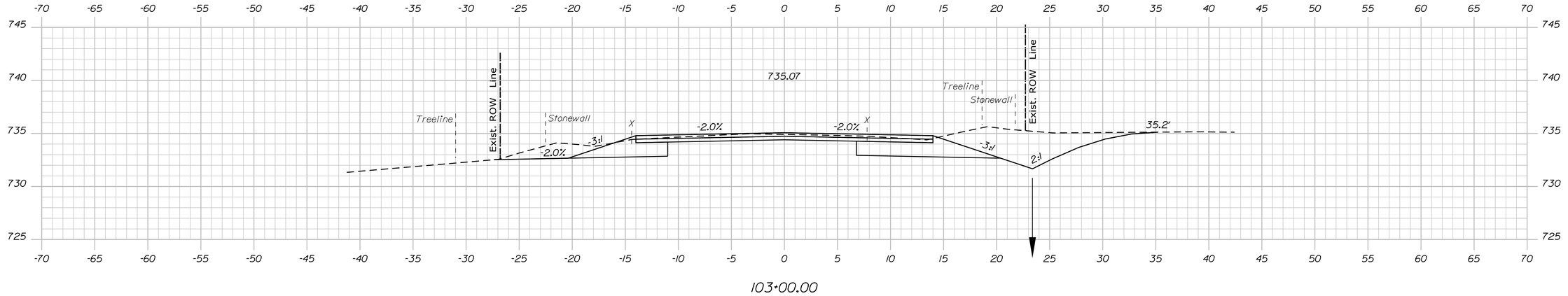
CROSS SECTIONS

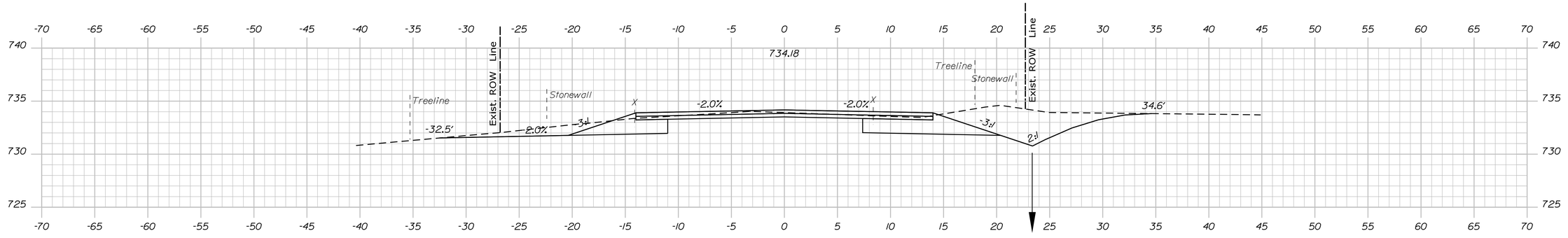
SHEET NUMBER

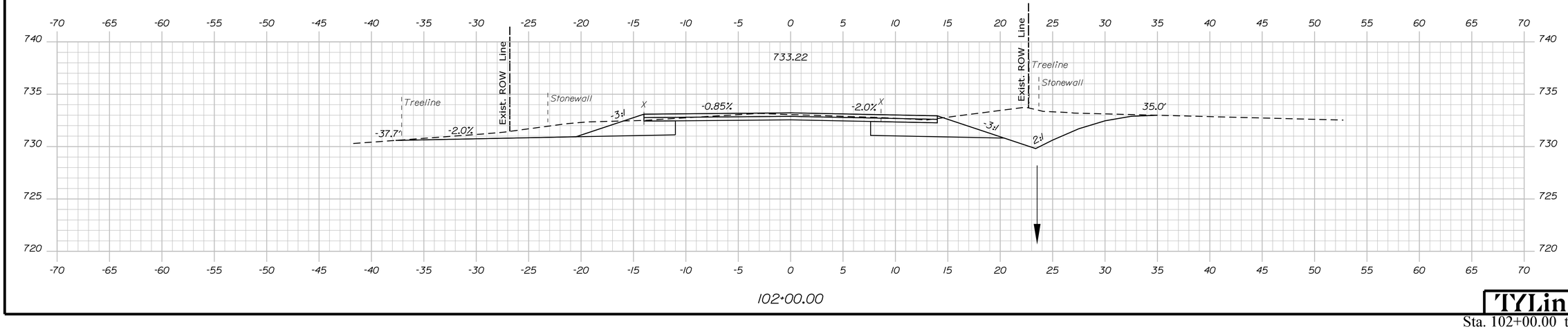
49

OF 173

TYLin







Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
R. BETZ	T. KELLEY	3/2016
T. KELLEY	H. COWAN	3/2016
H. COWAN		

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

50

OF 173

TYLin

Sta. 102+00.00 to Sta. 103+00.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Username:
Division: HIGHWAY
Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

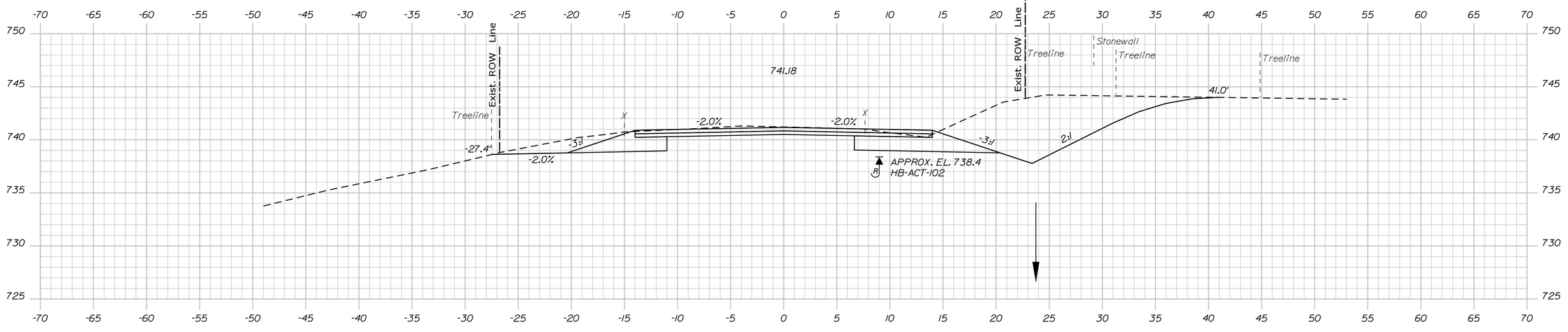
SHEET NUMBER

51

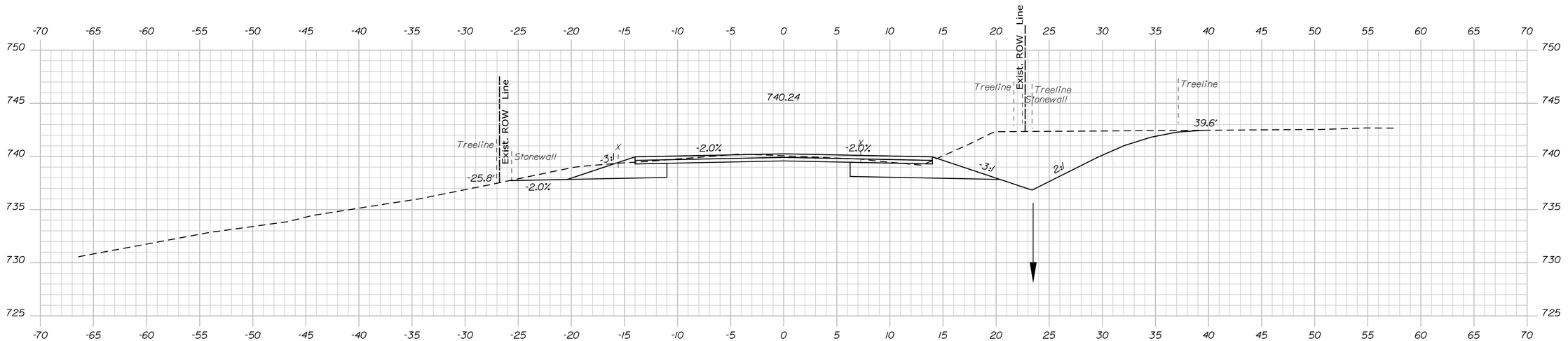
OF 173

TYLin

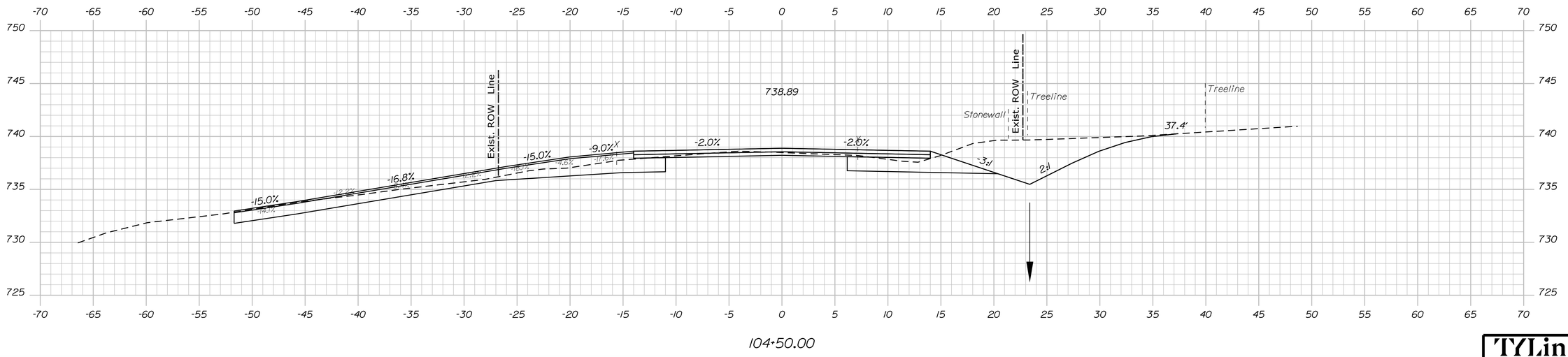
Sta. 103+50.00 to Sta. 104+00.00



105+50.00



105+00.00



104+50.00

Sta. 104+50.00 to Sta. 105+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	3/2016	
CHECKED-REVIEWED	H. COWAN	3/2016	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

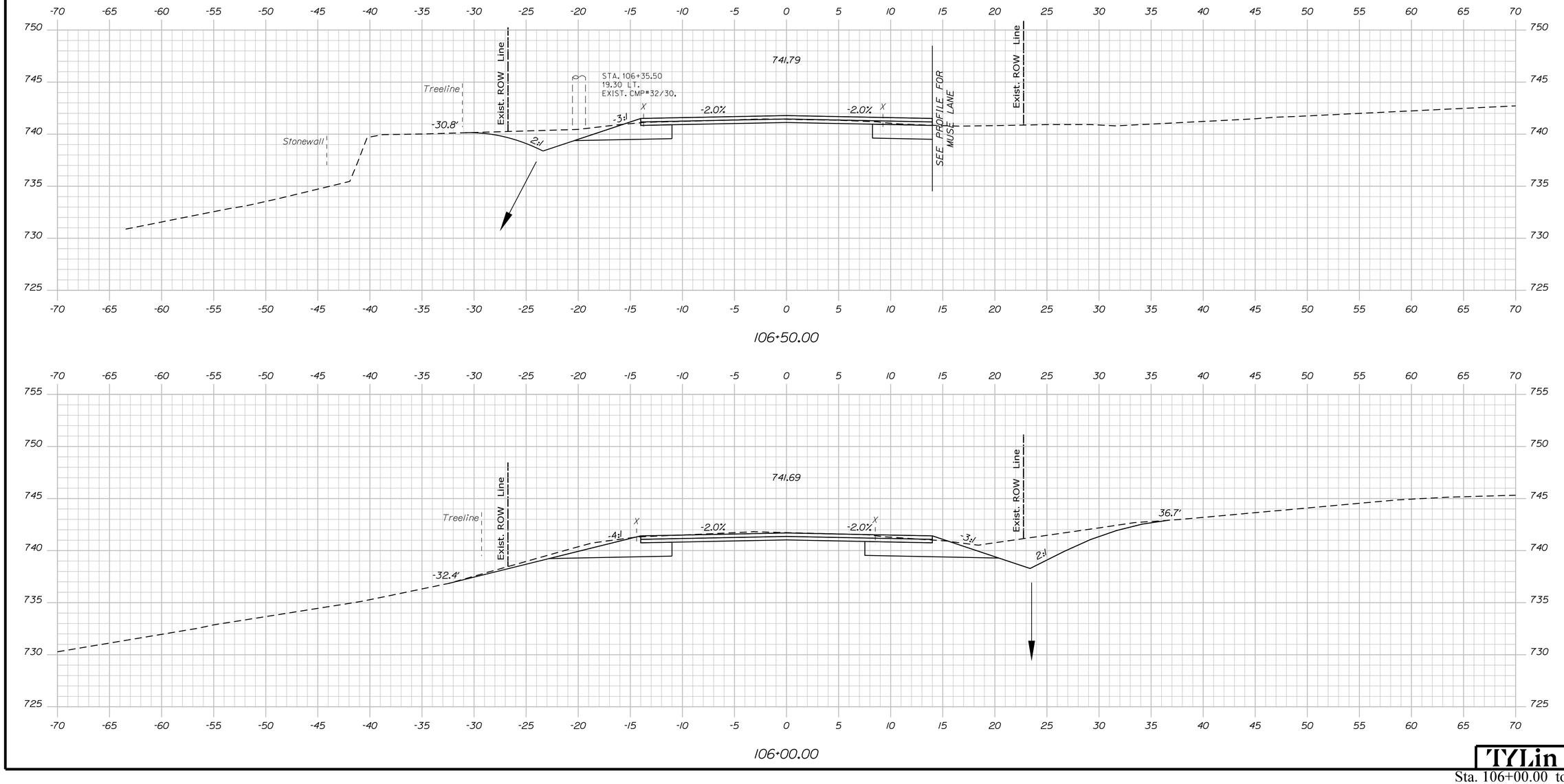
SHEET NUMBER

52

OF 173

TYLin

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Sta. 106+00.00 to Sta. 106+50.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

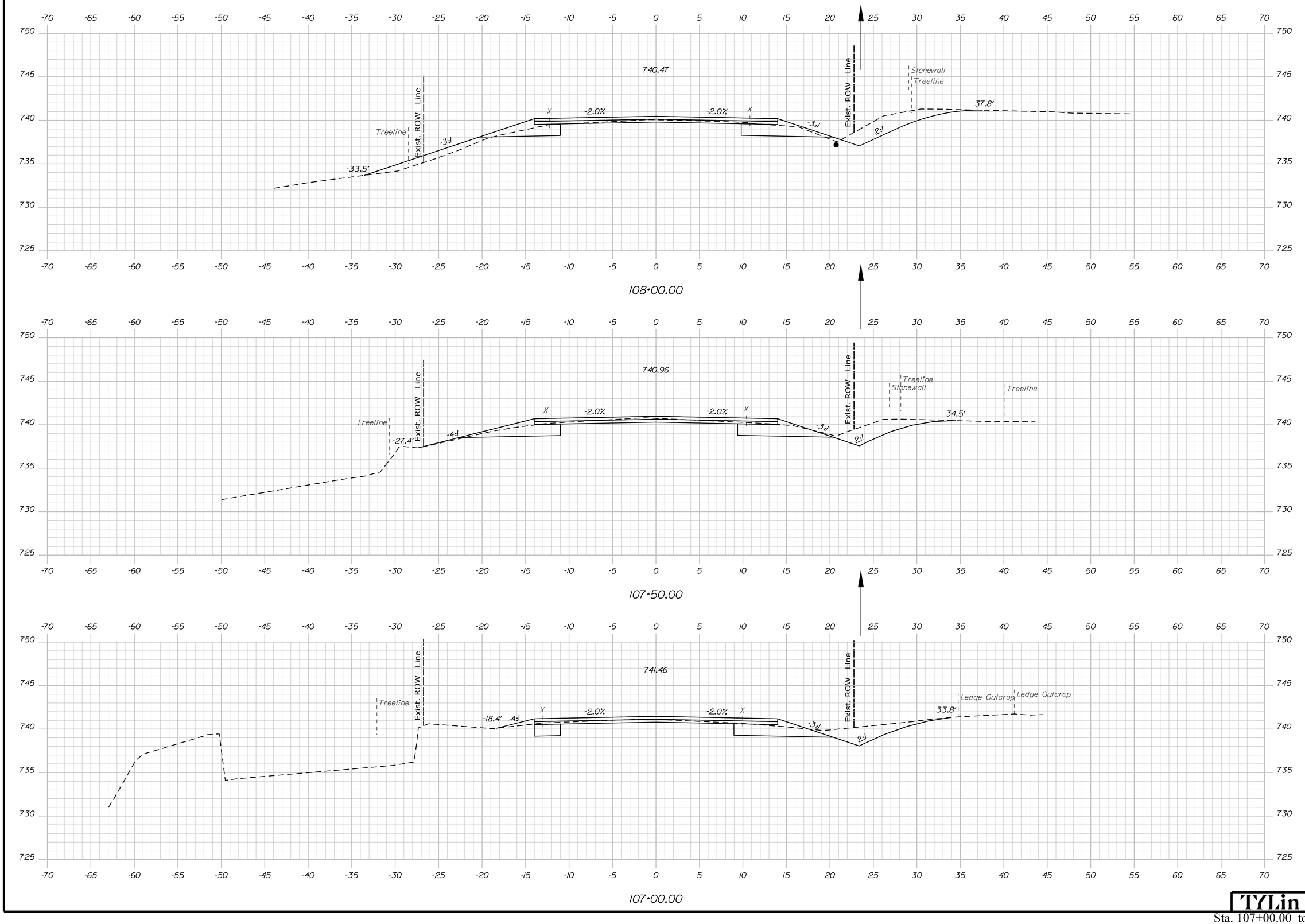
CROSS SECTIONS

SHEET NUMBER

53

OF 173

TYLin



Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

54

OF 173

TYLin

Sta. 107+00.00 to Sta. 108+00.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

		BY	DATE
PROJ. MANAGER	R. BEIZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ACTON
ROUTE 109

CROSS SECTIONS

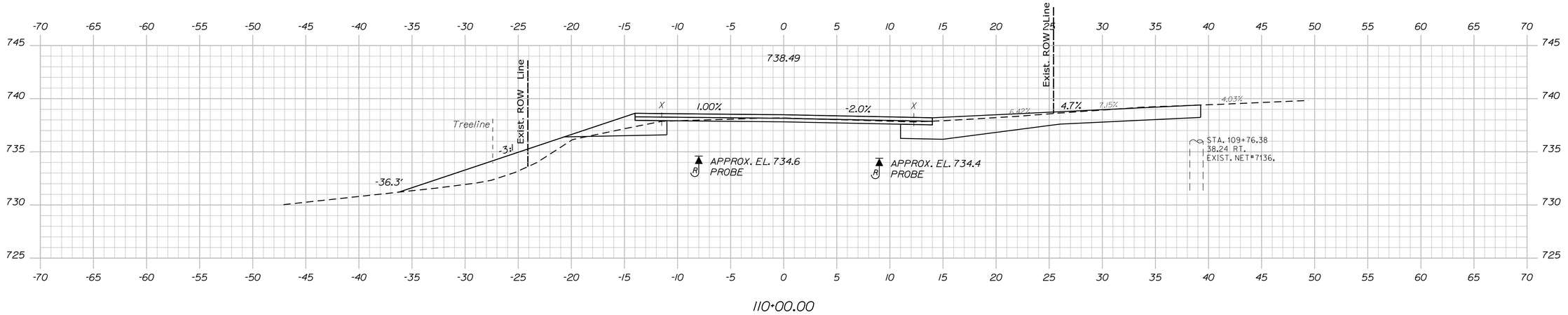
SHEET NUMBER

55

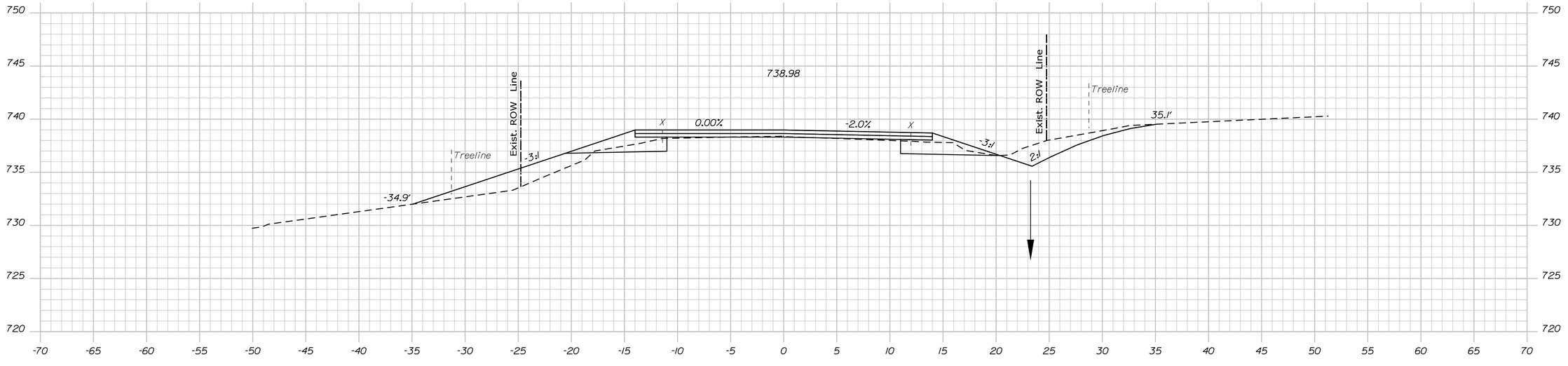
OF 173

TYLin

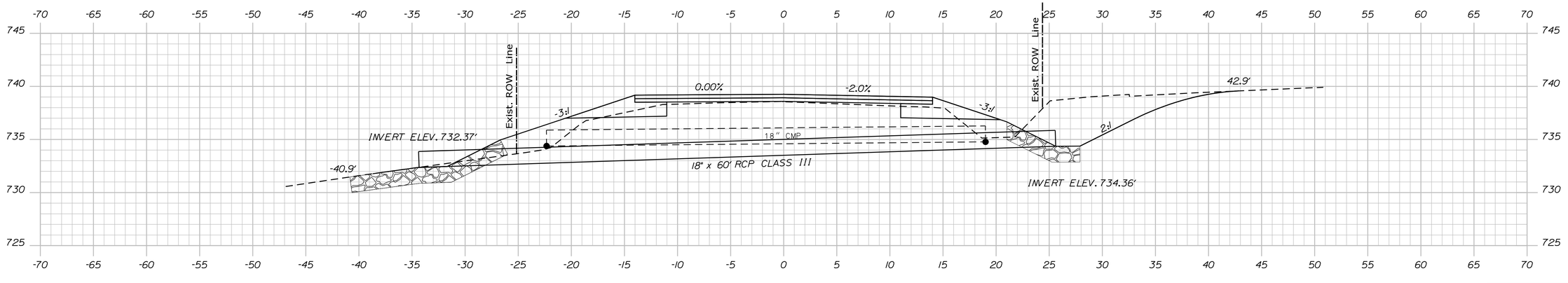
Sta. 108+26.06 to Sta. 109+00.00



110+00.00



109+50.00



109+22.07 (SKEWED)

Sta. 109+22.07 to Sta. 110+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	R. BETZ	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

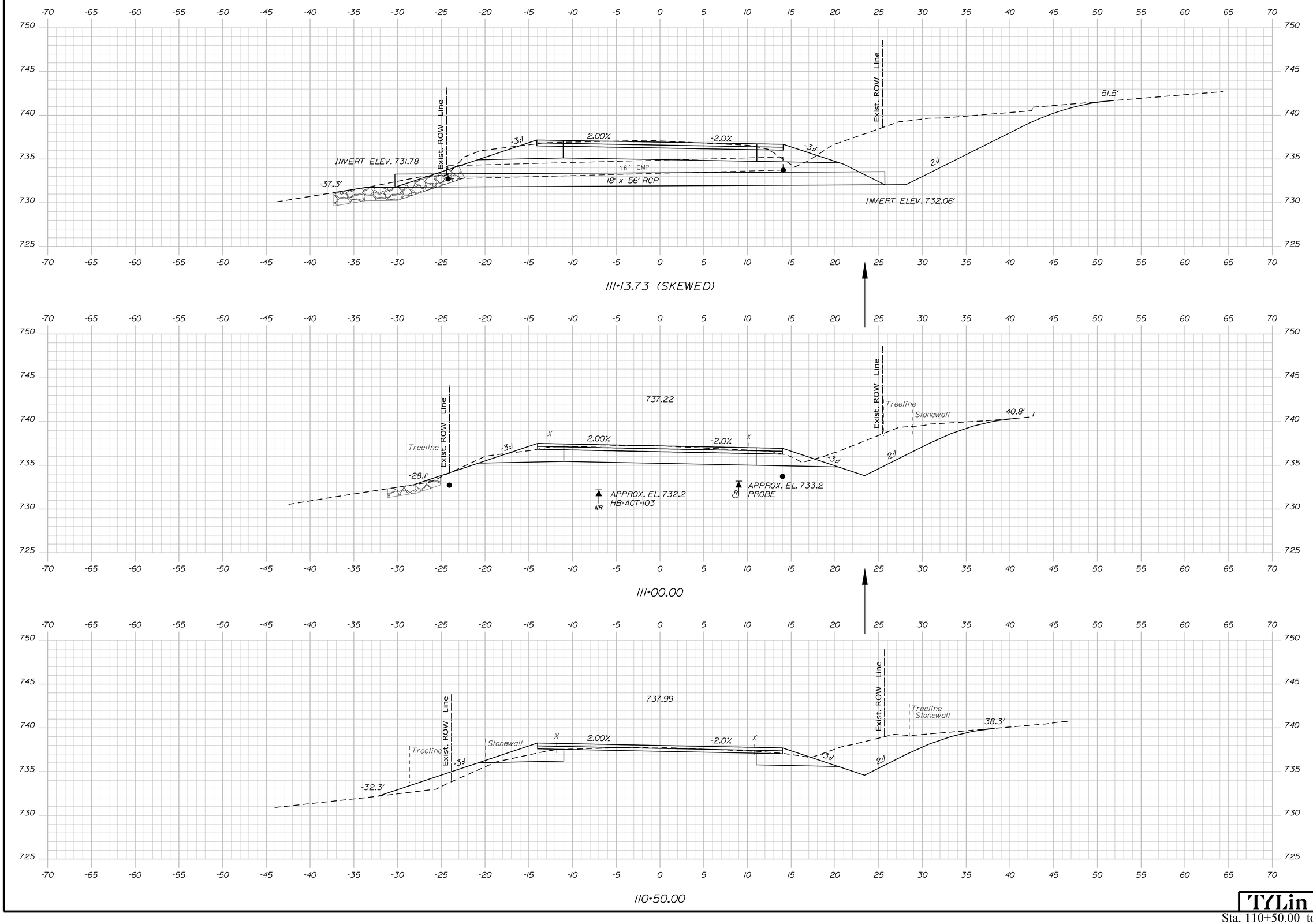
ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER
56
OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	3/2016	DATE
CHECKED-REVIEWED	H. COWAN	3/2016	BY
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

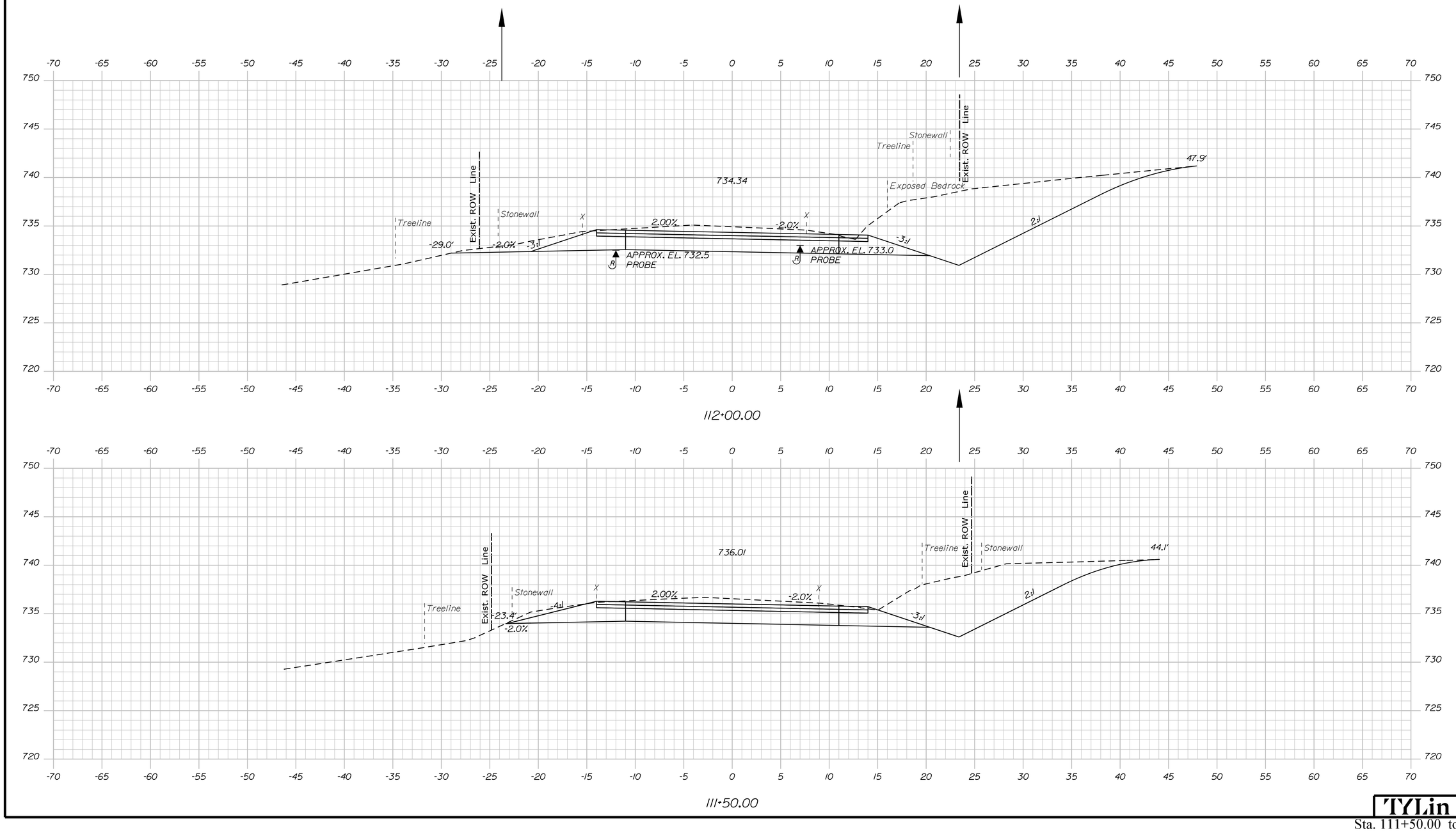
SHEET NUMBER

57

OF 173

TYLin

Sta. 110+50.00 to Sta. 111+13.73



Sta. 111+50.00 to Sta. 112+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

58

OF 173

TYLin

Date:8/16/2024 Username: Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

Sta. 112+50.00 to Sta. 113+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BEIZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2	ED2		
DESIGN3-DETAILED3	ED3		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

59

OF 173

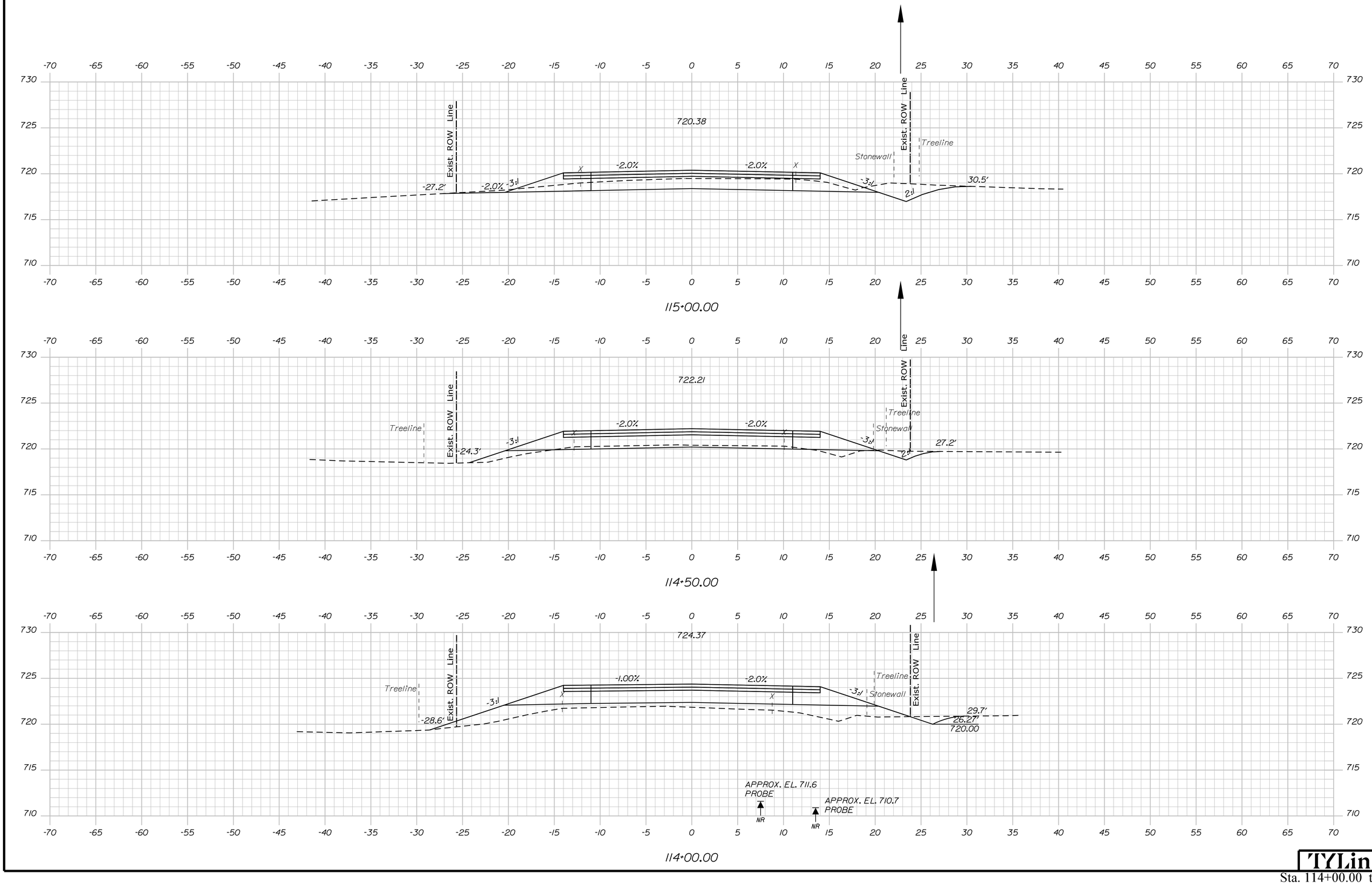
TYLin

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

CROSS SECTIONS

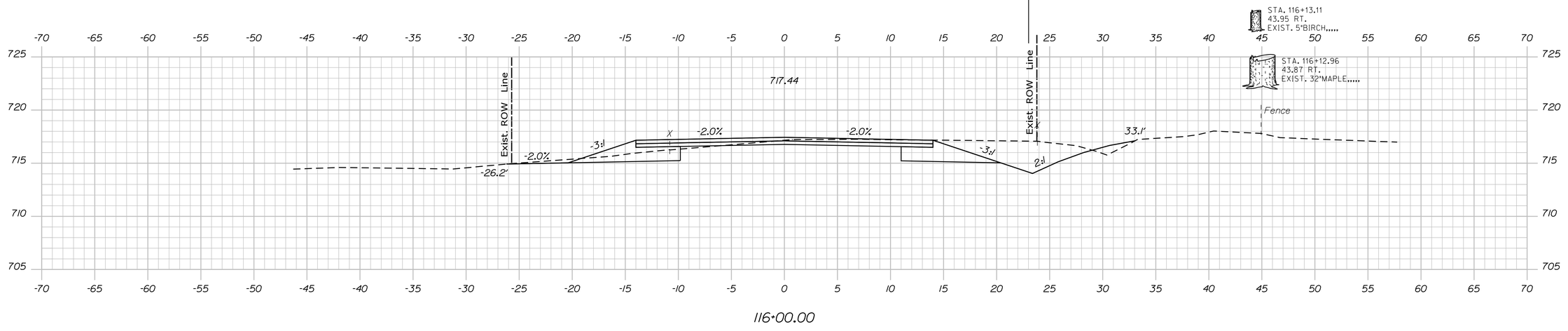
SHEET NUMBER

60

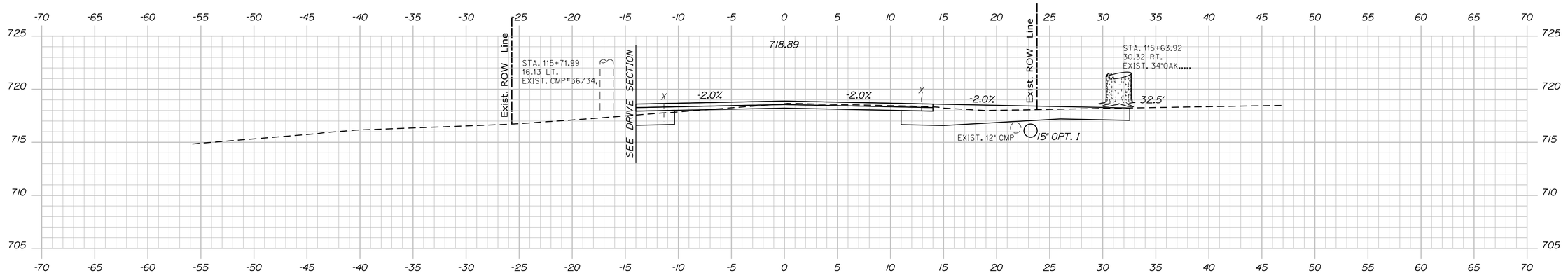
OF 173

TYLin

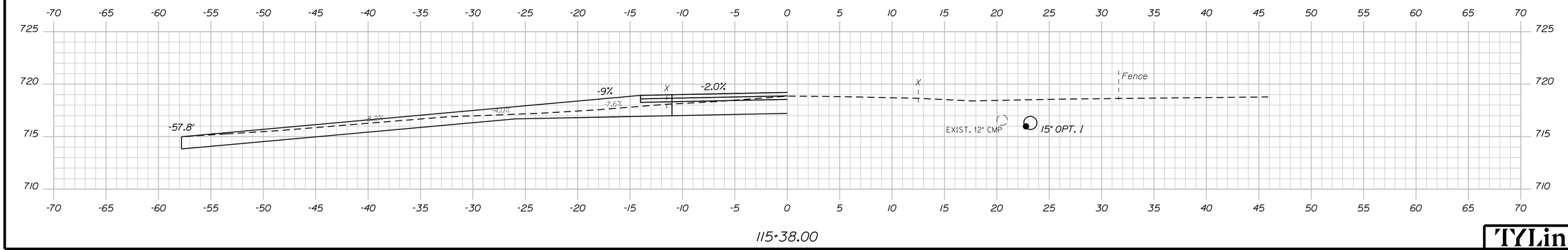
Sta. 114+00.00 to Sta. 115+00.00



116+00.00



115+50.00



115+38.00

Sta. 115+38.00 to Sta. 116+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	T. KELLEY	3/2016
REVISIONS 2	H. COWAN	3/2016
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

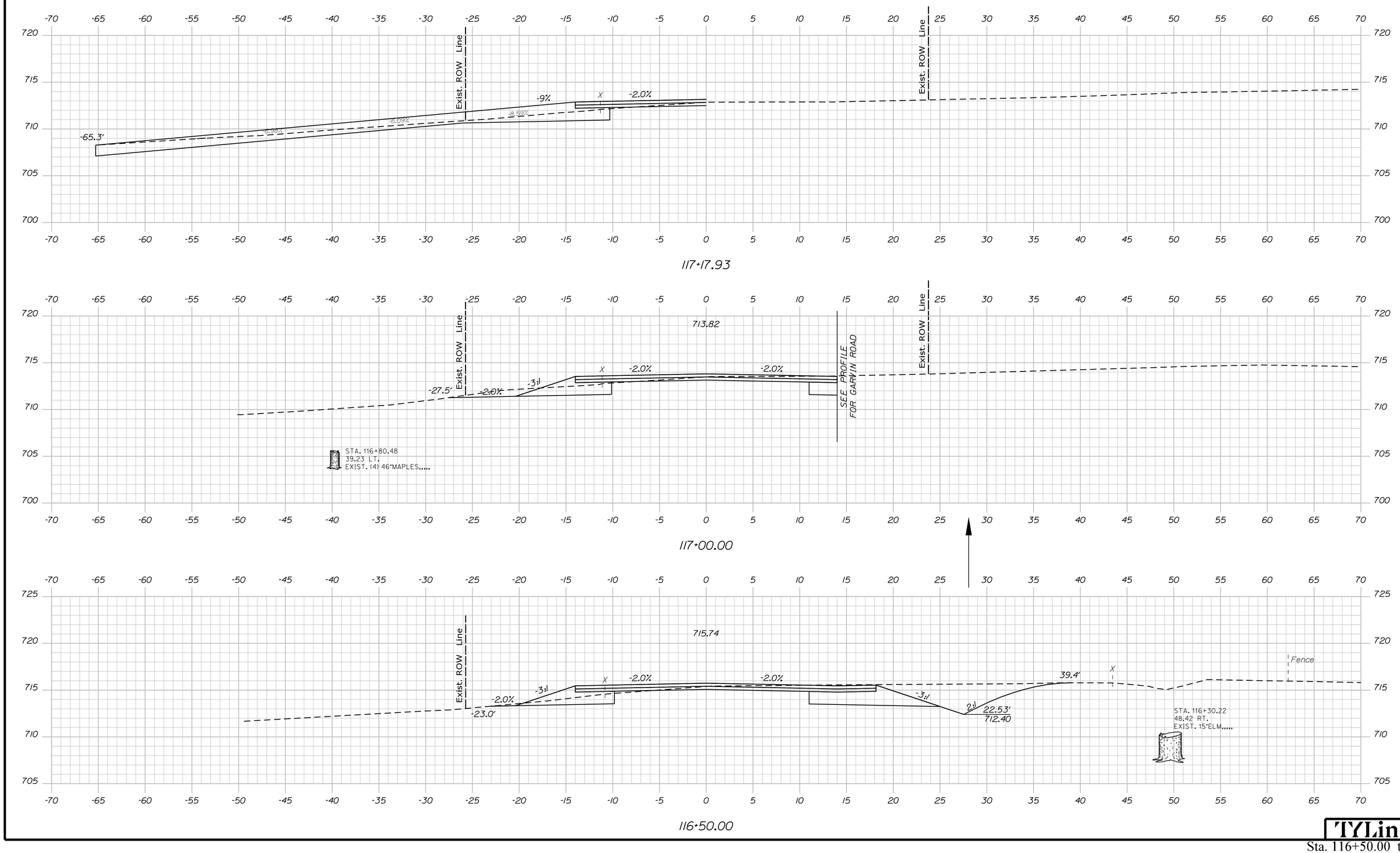
61

OF 173

TYLin

Date:8/16/2024

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Username:
Division: HIGHWAY



Sta. 116+50.00 to Sta. 117+17.93

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	T. KELLEY	H. COWAN	3/2016
DESIGN2-DETAILED2	H. COWAN		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

62

OF 173

TYLin

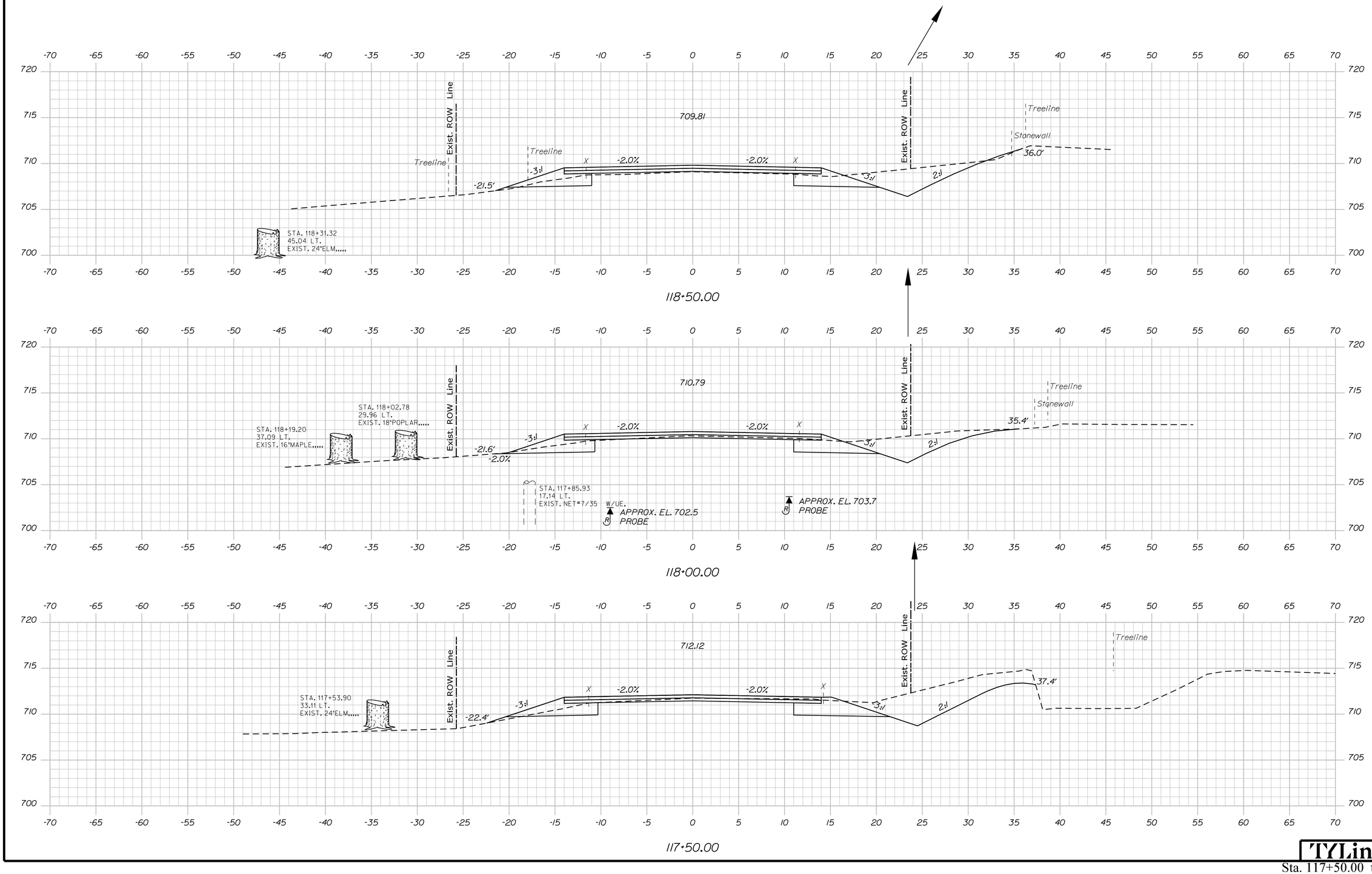
Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	3/2016	REVISIONS 1
CHECKED-REVIEWED	H. COWAN	3/2016	REVISIONS 2
DESIGN2-DETAILED2			REVISIONS 3
DESIGN3-DETAILED3			REVISIONS 4
			FIELD CHANGES

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

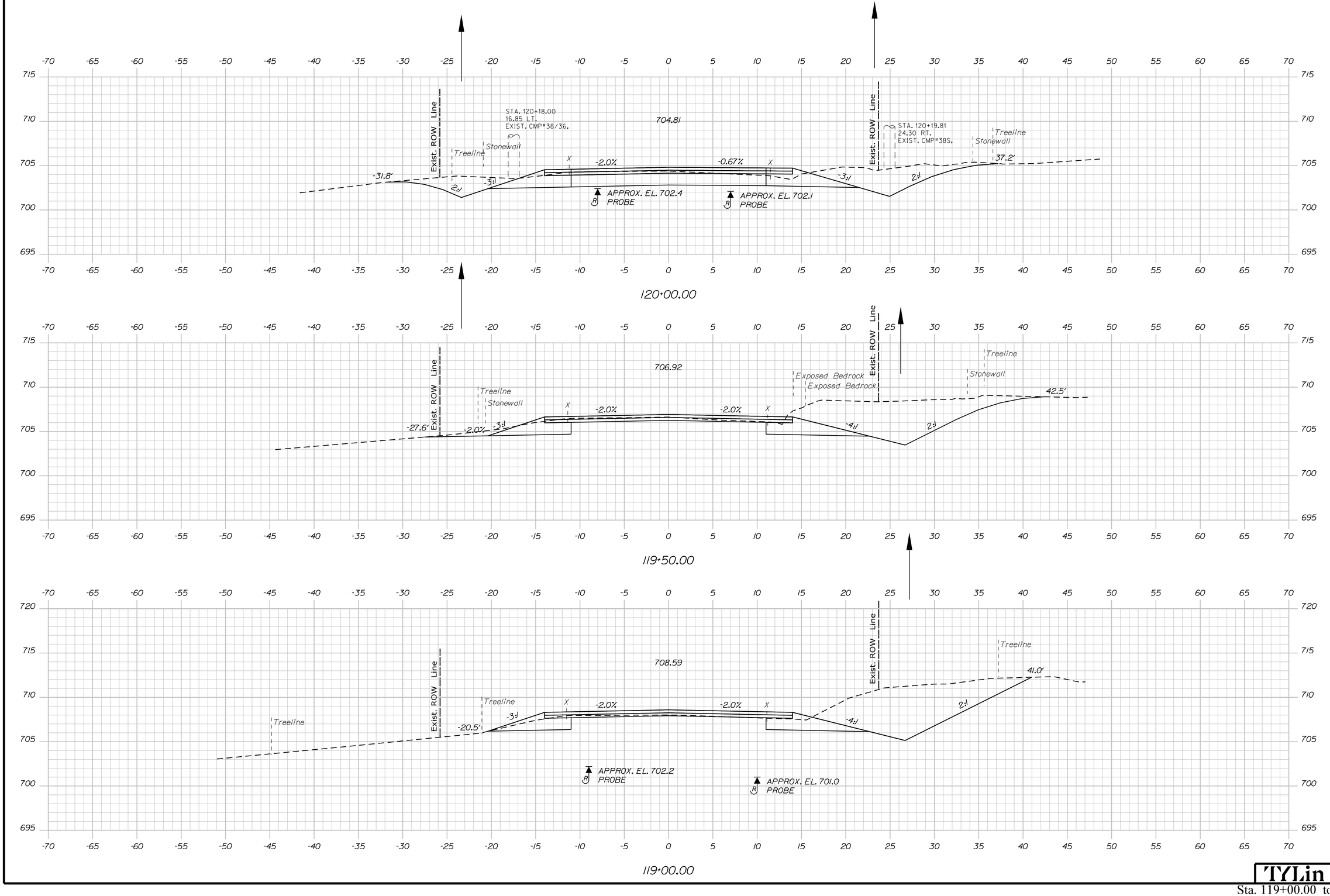
SHEET NUMBER

63

OF 173

TYLin

Sta. 117+50.00 to Sta. 118+50.00



Sta. 119+00.00 to Sta. 120+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	3/2016	
CHECKED-REVIEWED	H. COWAN	3/2016	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

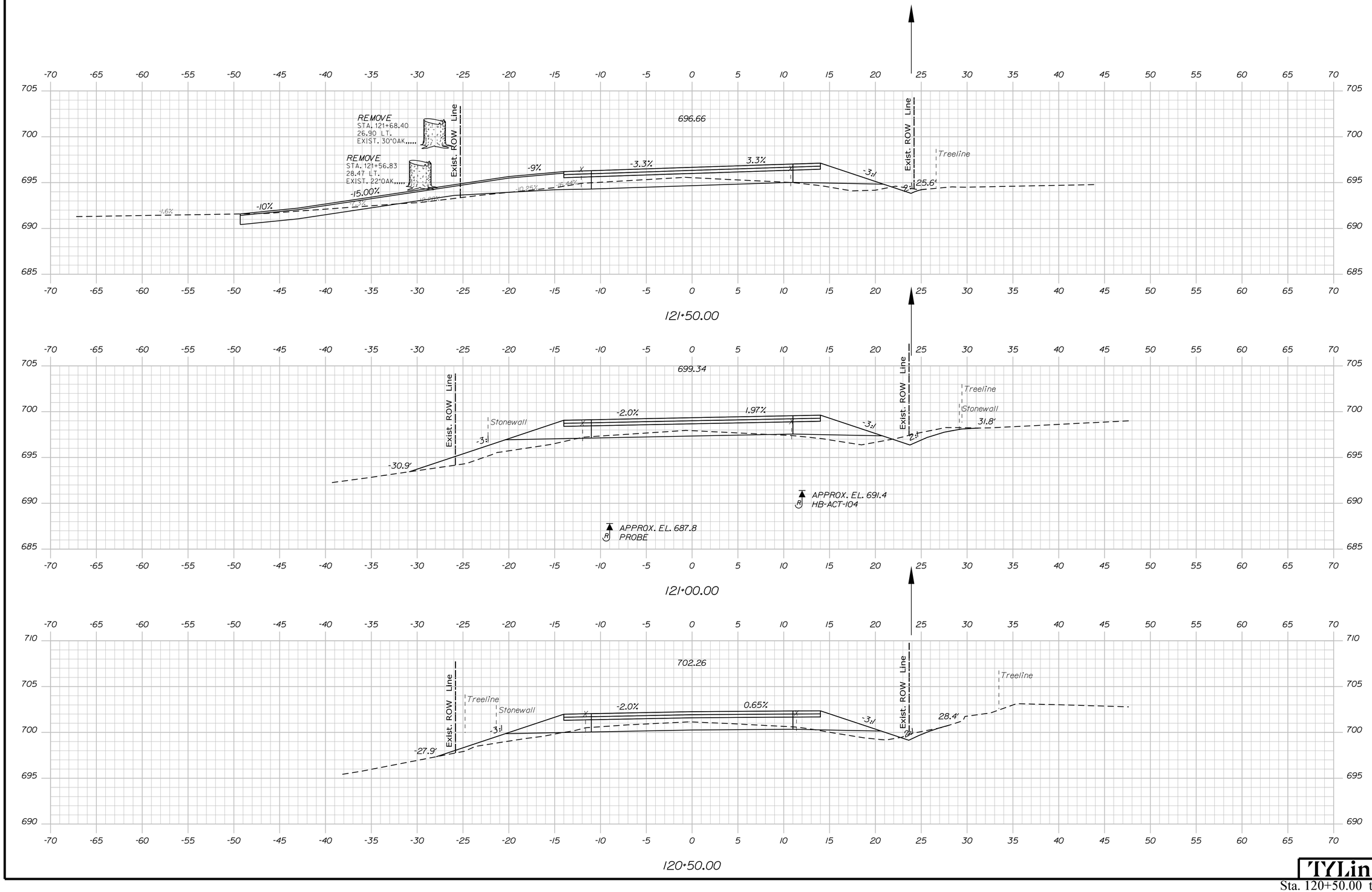
64

OF 173

TYLin

Date:8/16/2024 Username: Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Username:
Division: HIGHWAY
Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

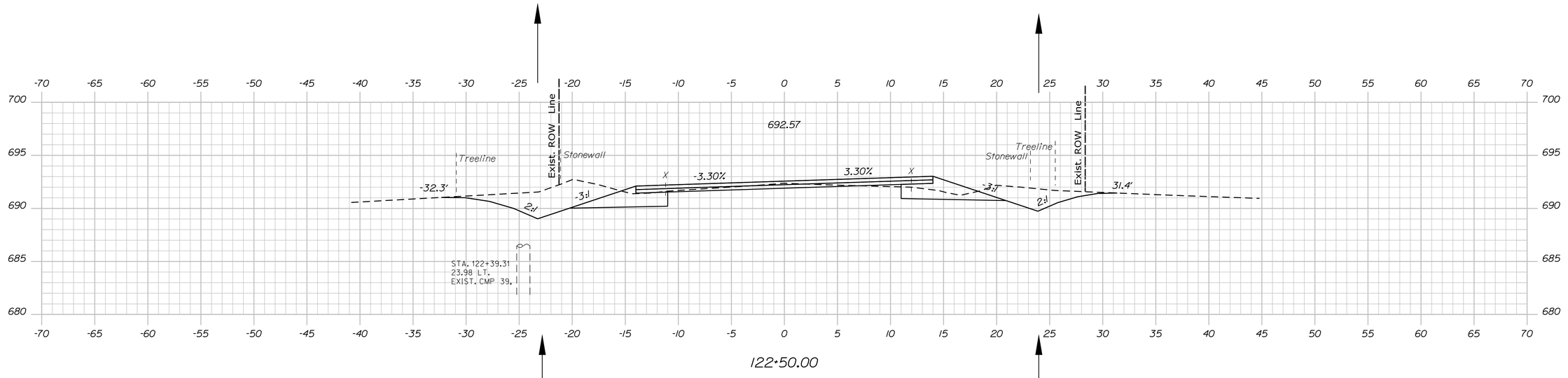
ACTON
ROUTE 109

CROSS SECTIONS

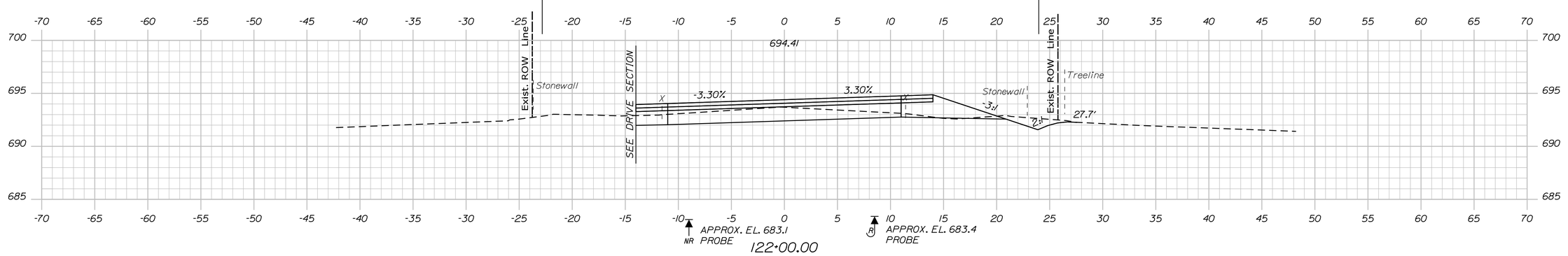
SHEET NUMBER
65
OF 173

TYLin

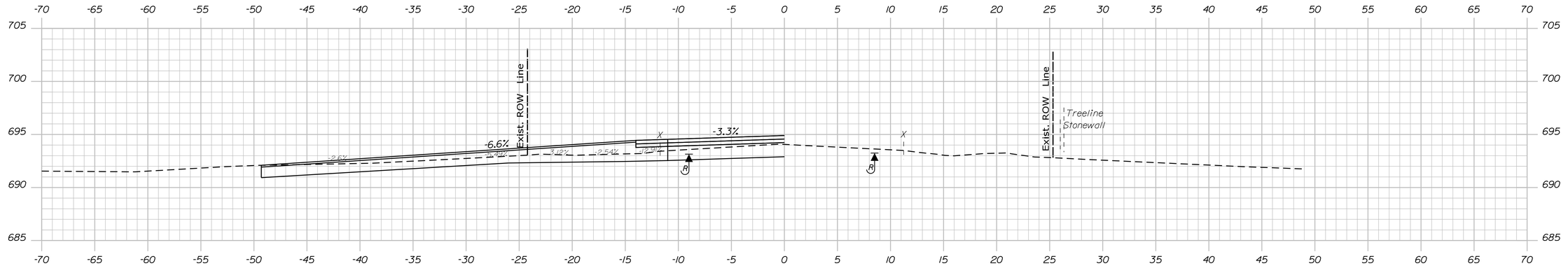
Sta. 120+50.00 to Sta. 121+50.00



122+50.00



122+00.00



121+88.17

Sta. 121+88.17 to Sta. 122+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
R. BETZ	T. KELLEY	3/2016
PROJ. MANAGER	T. KELLEY	3/2016
DESIGN-DETAILED	H. COWAN	3/2016
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

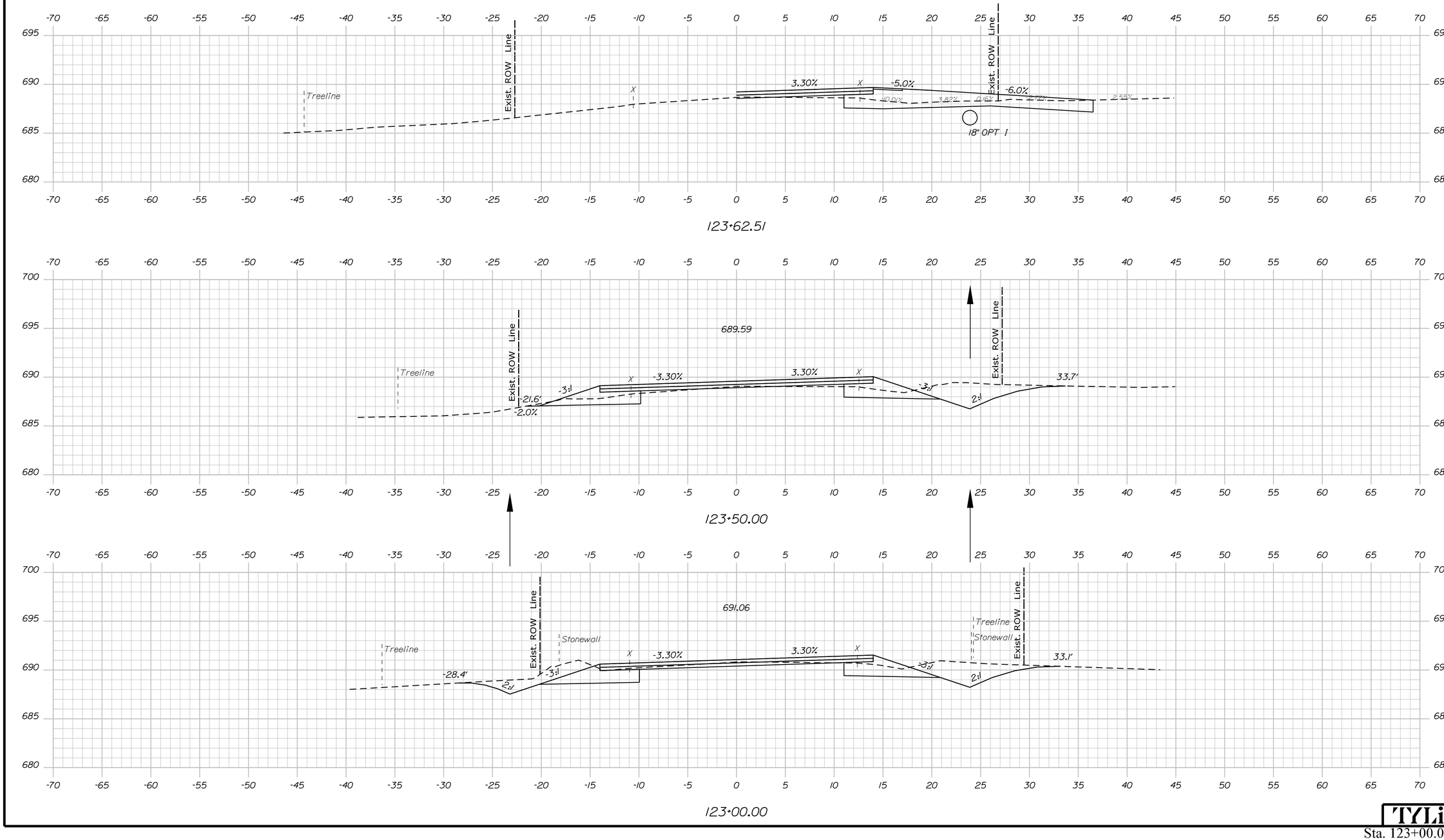
SHEET NUMBER

66

OF 173

TYLin

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	REVISIONS 1	
CHECKED-REVIEWED	H. COWAN	REVISIONS 2	
DESIGN2-DETAILED2		REVISIONS 3	
DESIGN3-DETAILED3		REVISIONS 4	
		FIELD CHANGES	

	BY	DATE
E	T. KELLEY	3/2016
	H. COWAN	3/2016

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

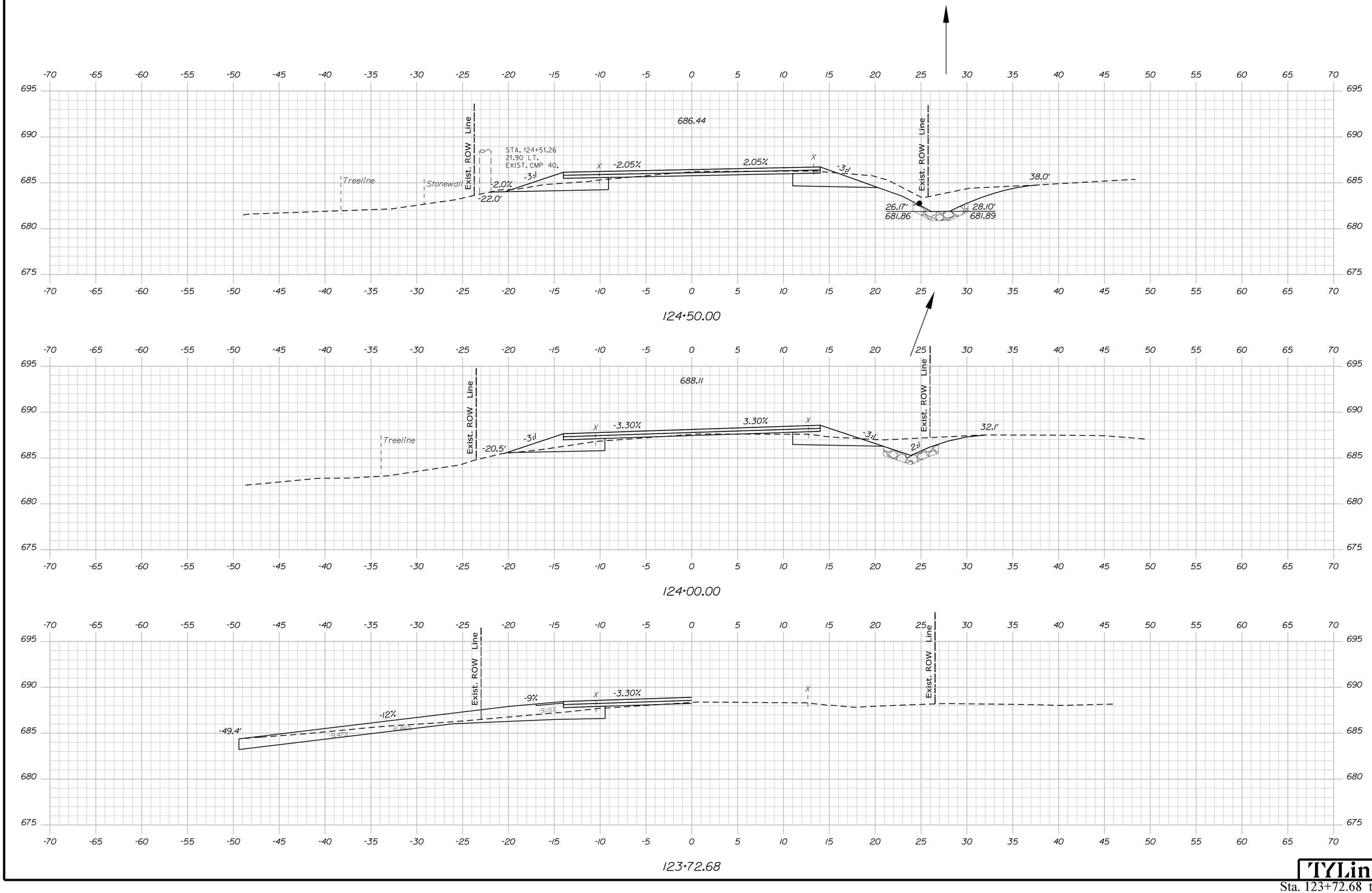
67

OF 173

TYLin

Sta. 123+00.00 to Sta. 123+62.51

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



Sta. 123+72.68 to Sta. 124+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
R. BETZ	T. KELLEY	3/2016
T. KELLEY	H. COWAN	3/2016
H. COWAN		

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

ACTON
ROUTE 109

CROSS SECTIONS

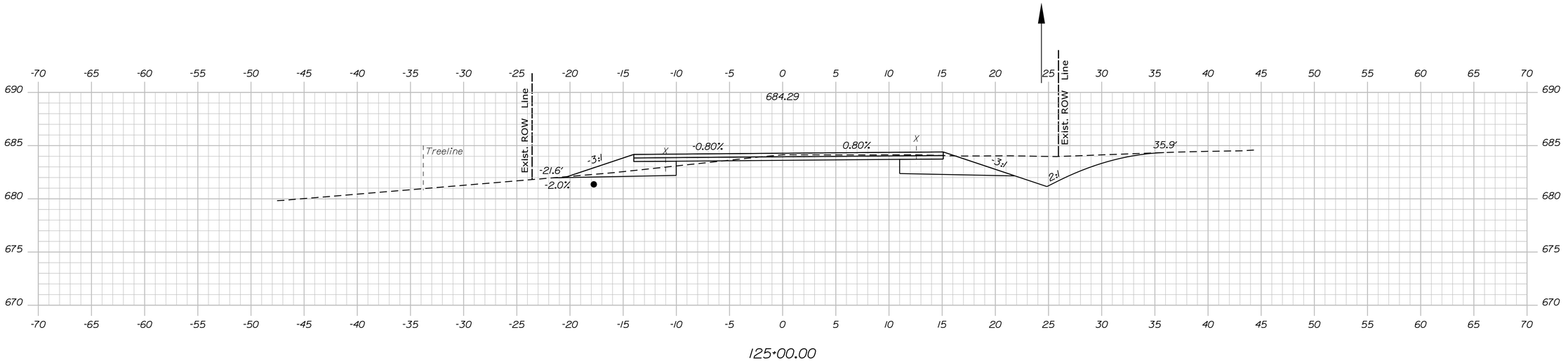
SHEET NUMBER

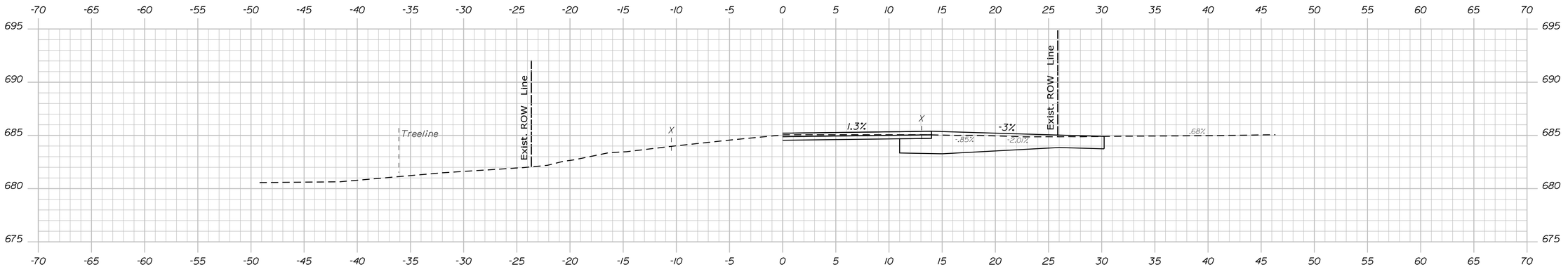
68

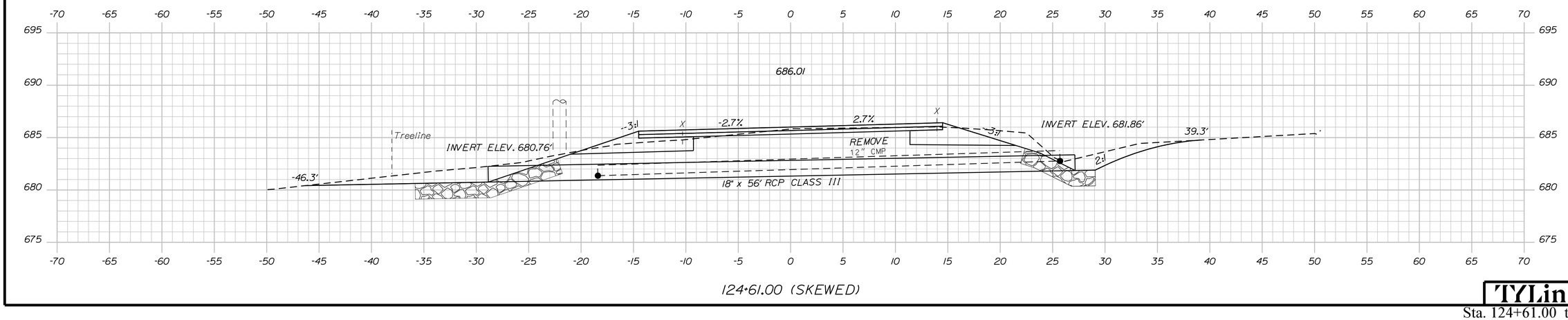
OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024







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Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	3/2016	
CHECKED-REVIEWED	H. COWAN	3/2016	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY | DATE

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER
69
OF 173

TYLin

Sta. 124+61.00 to Sta. 125+00.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

CROSS SECTIONS

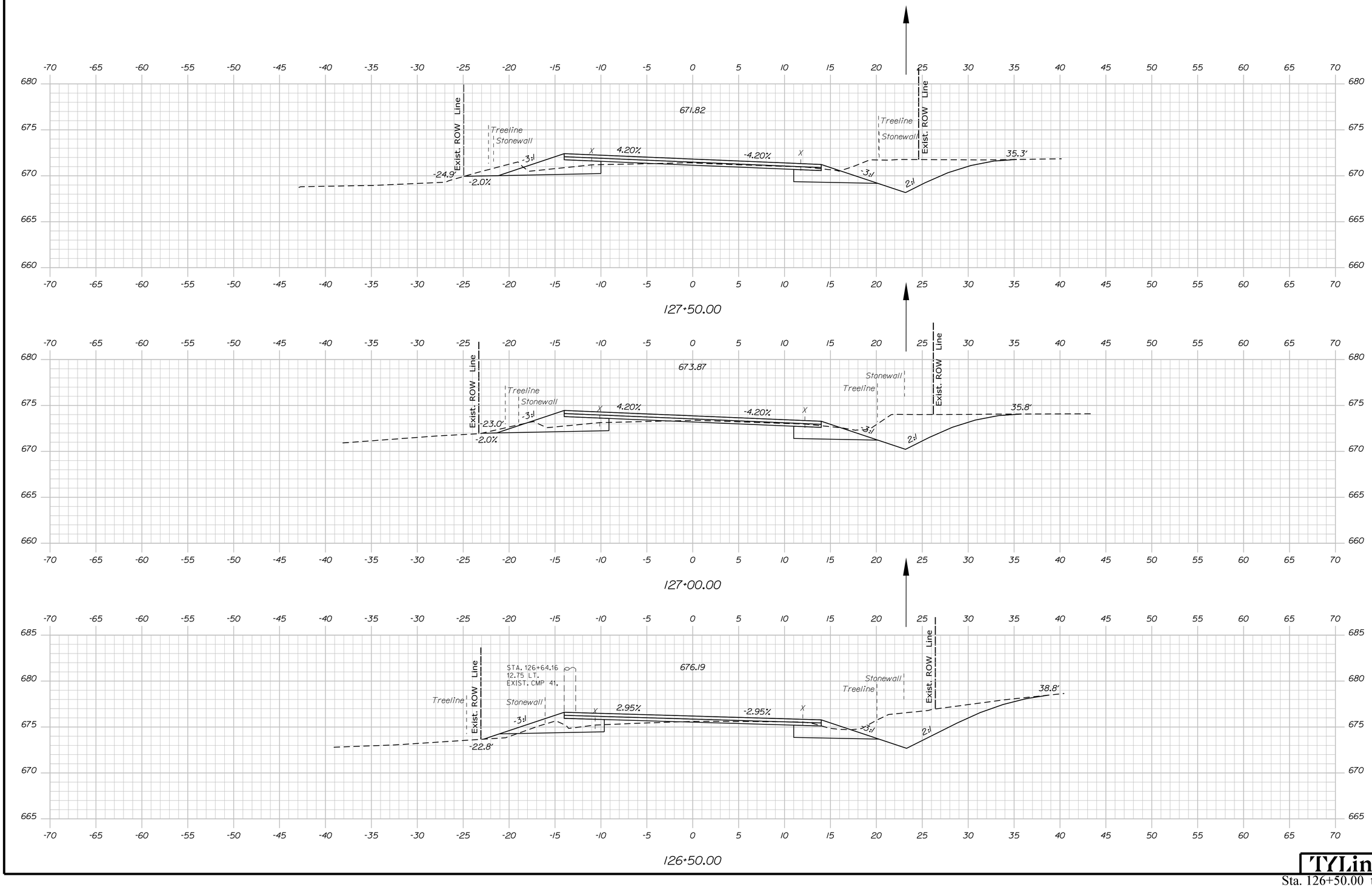
SHEET NUMBER

70

OF 173

TYLin

Sta. 125+39.93 to Sta. 126+00.00



Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username:

Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2	ED2	
DESIGN3-DETAILED3	ED3	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

71

OF 173

TYLin

Sta. 126+50.00 to Sta. 127+50.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	R. BETZ
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	T. KELLEY	3/2016
REVISIONS 2	H. COWAN	3/2016
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

CROSS SECTIONS

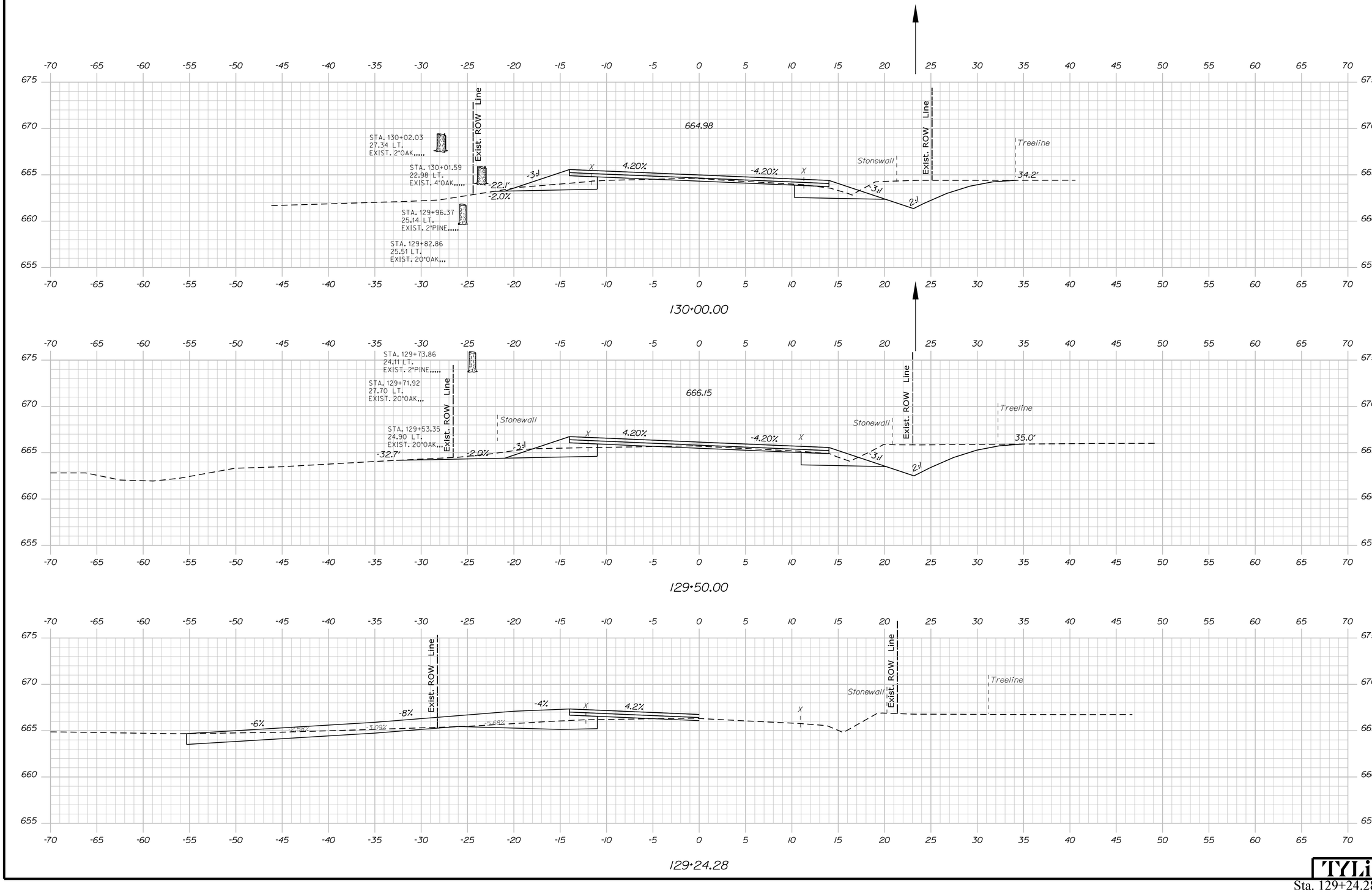
SHEET NUMBER

72

OF 173

TYLin

Sta. 128+00.00 to Sta. 129+00.00



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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

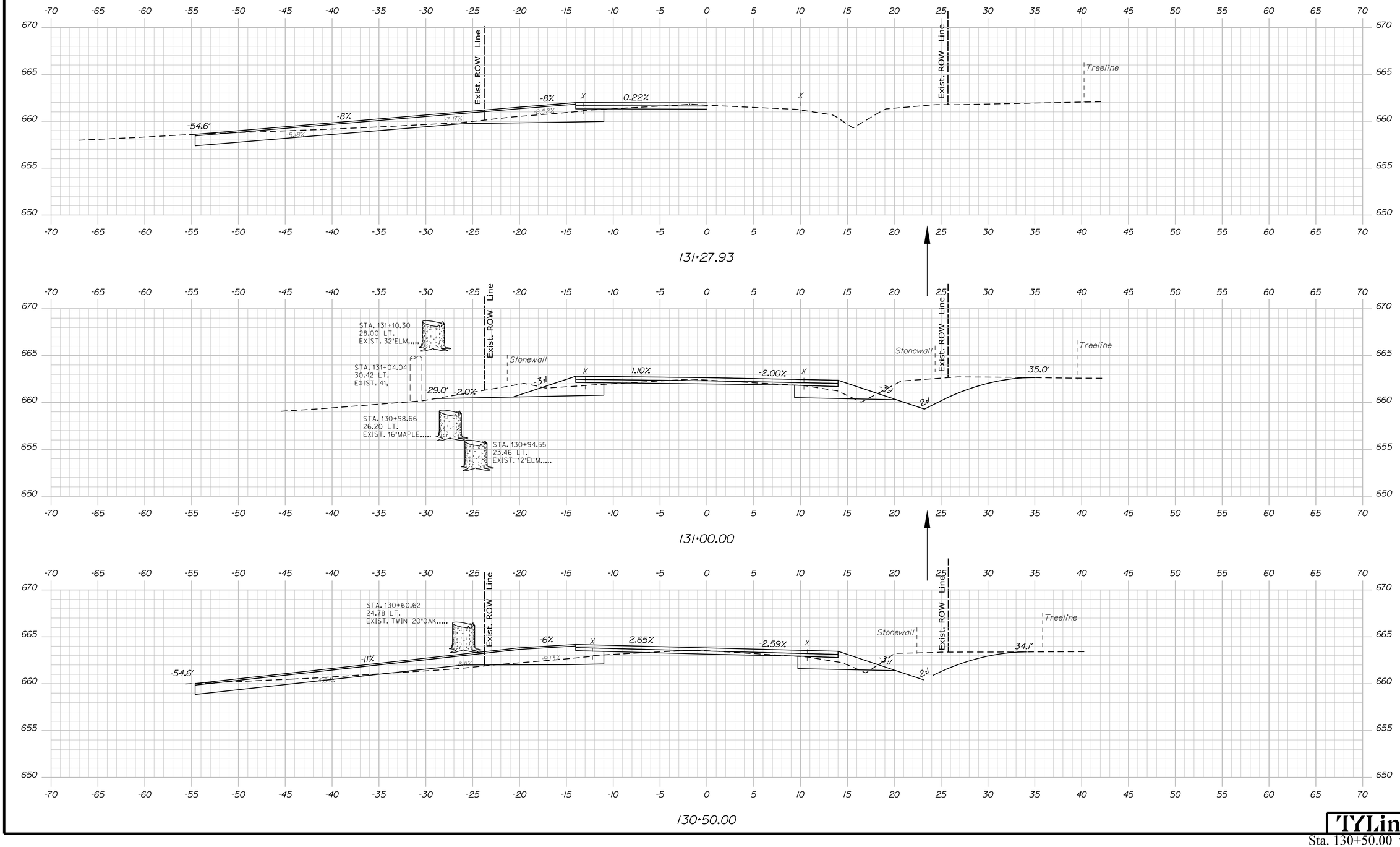
SHEET NUMBER

73

OF 173

TYLin

Sta. 129+24.28 to Sta. 130+00.00



Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Username: Division: HIGHWAY Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	R. BETZ	
CHECKED-REVIEWED	T. KELLEY	3/2016
DESIGN2-DETAILED2	H. COWAN	3/2016
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

CROSS SECTIONS

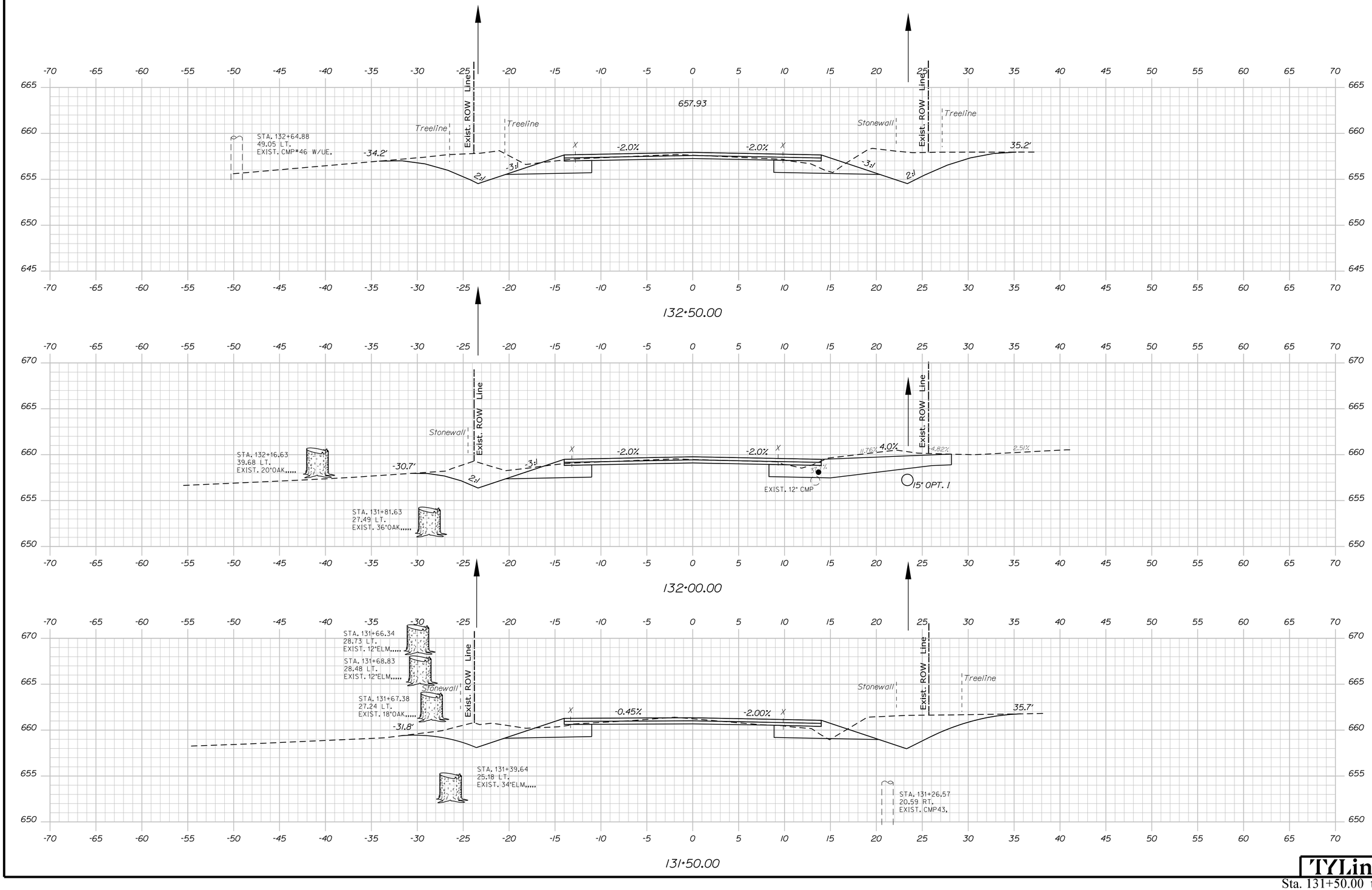
SHEET NUMBER

74

OF 173

TYLin

Sta. 130+50.00 to Sta. 131+27.93



Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Username:
Division: HIGHWAY
Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

BY / DATE

SIGNATURE

P.E. NUMBER

DATE

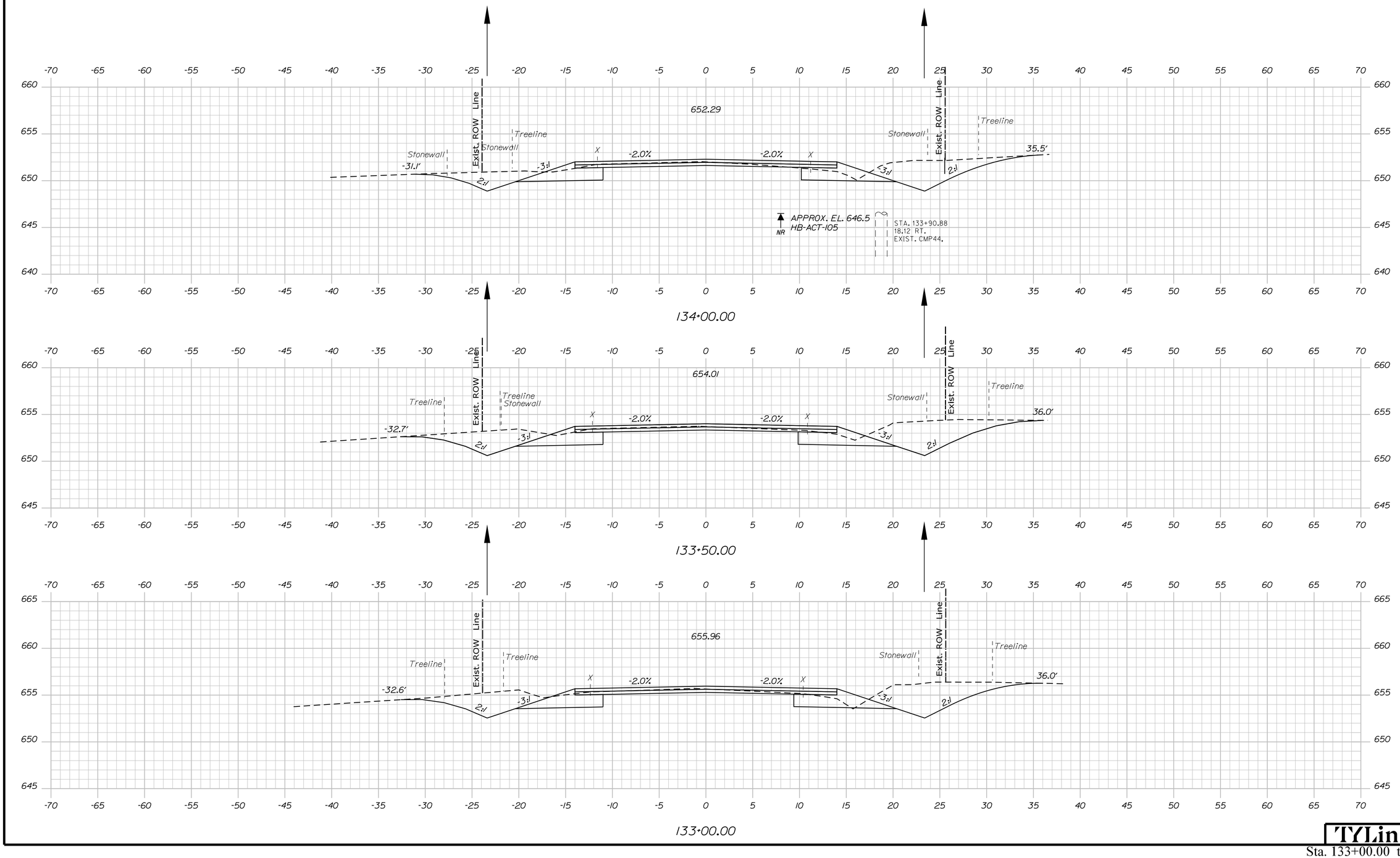
ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER
75
OF 173

TYLin

Sta. 131+50.00 to Sta. 132+50.00



Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

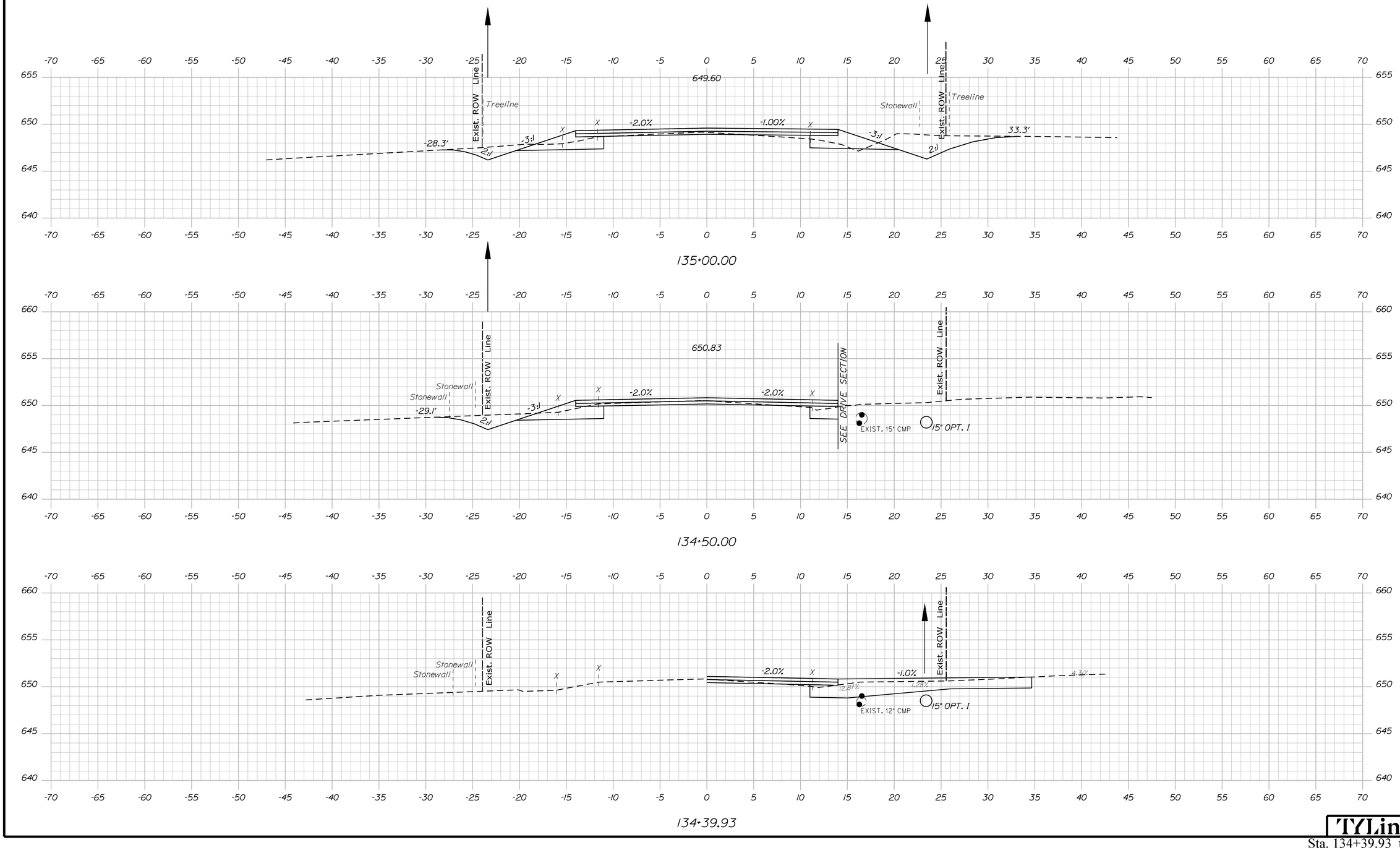
SHEET NUMBER

76

OF 173

TYLin

Sta. 133+00.00 to Sta. 134+00.00



Sta. 134+39.93 to Sta. 135+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

CROSS SECTIONS

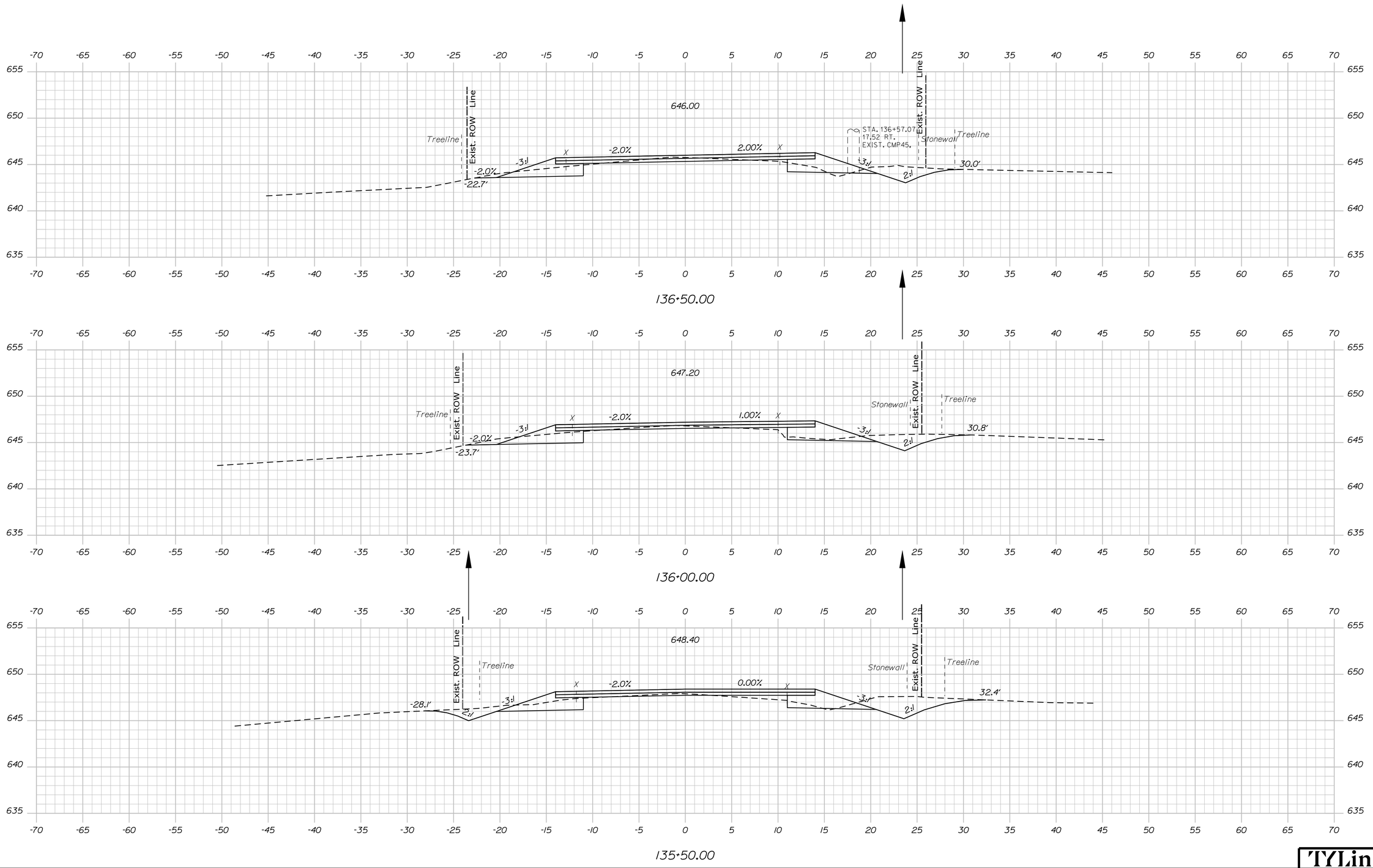
SHEET NUMBER

77

OF 173

TYLin

Date:8/16/2024 Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Sta. 135+50.00 to Sta. 136+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

78

OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

Sta. 137+00.00 to Sta. 138+00.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

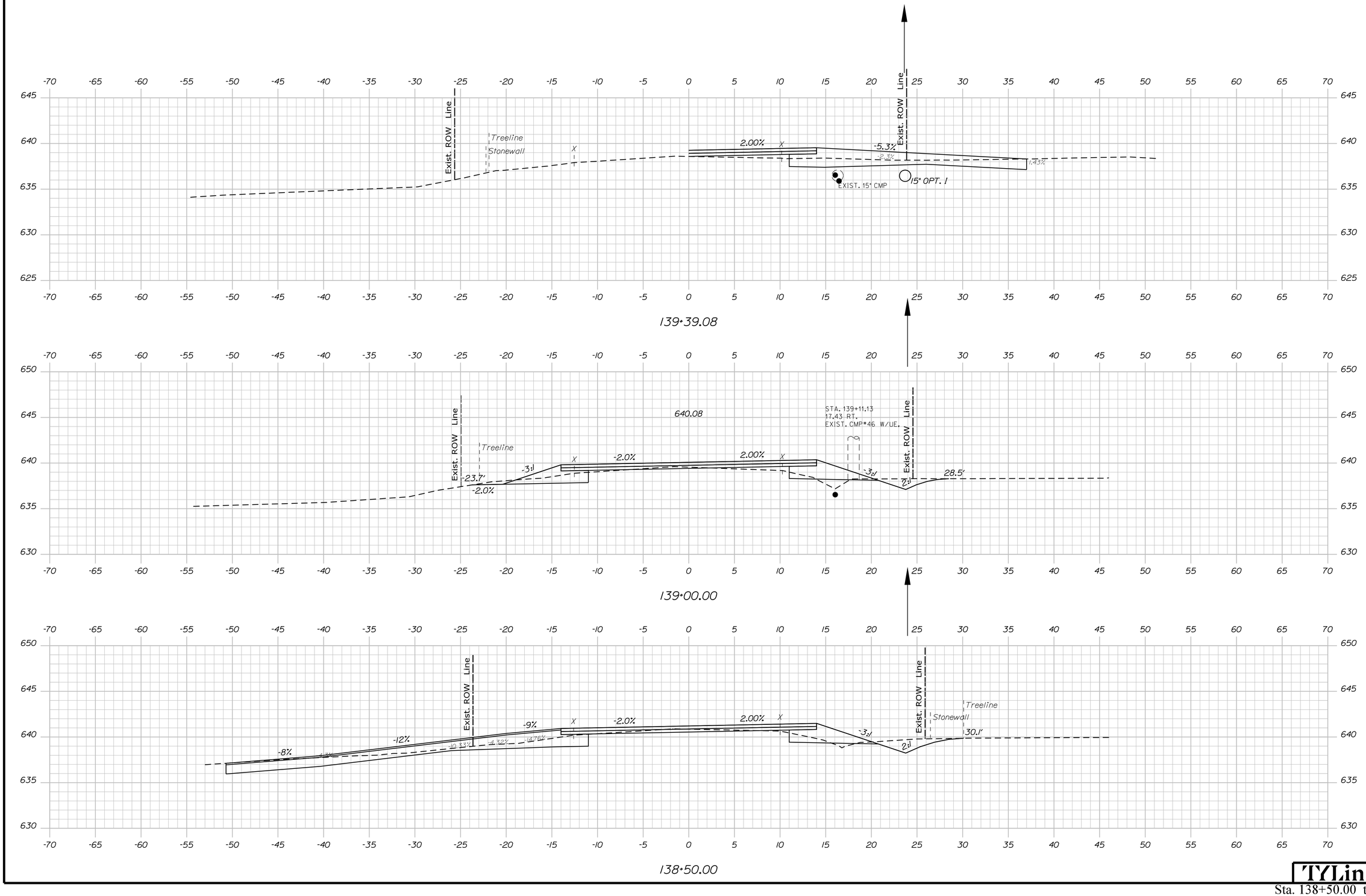
CROSS SECTIONS

SHEET NUMBER

79

OF 173

TYLin



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

	SIGNATURE	P.E. NUMBER	DATE

	BY	DATE
R. BETZ	T. KELLEY	3/2016
T. KELLEY	H. COWAN	3/2016
H. COWAN		

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

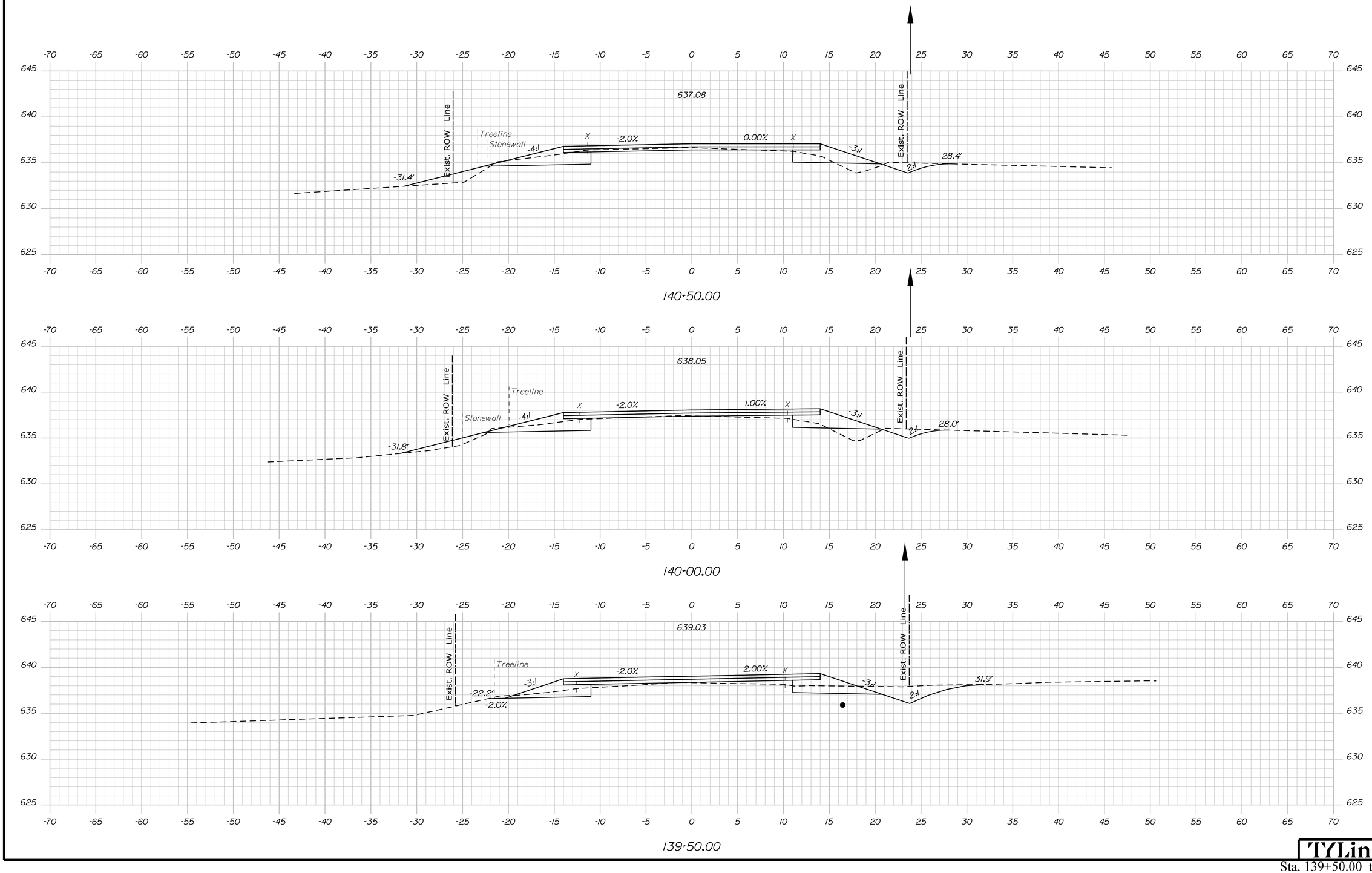
80

OF 173

TYLin

Sta. 138+50.00 to Sta. 139+39.08

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Username:
Division: HIGHWAY
Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	R. BETZ
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BY	DATE
T. KELLEY	3/2016
H. COWAN	3/2016

ACTON
ROUTE 109

CROSS SECTIONS

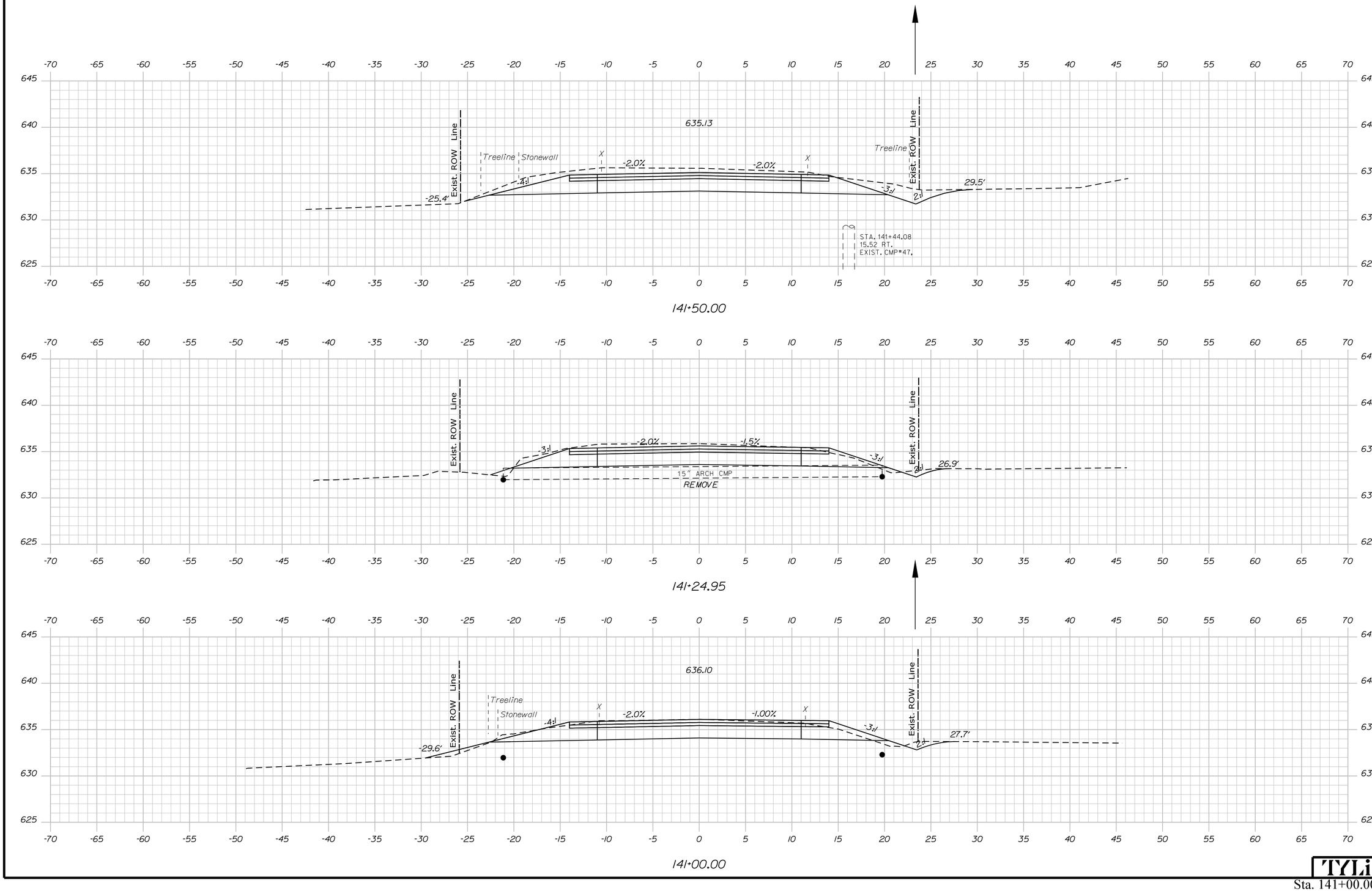
SHEET NUMBER

81

OF 173

TYLin

Sta. 139+50.00 to Sta. 140+50.00



Sta. 141+00.00 to Sta. 141+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

82

OF 173

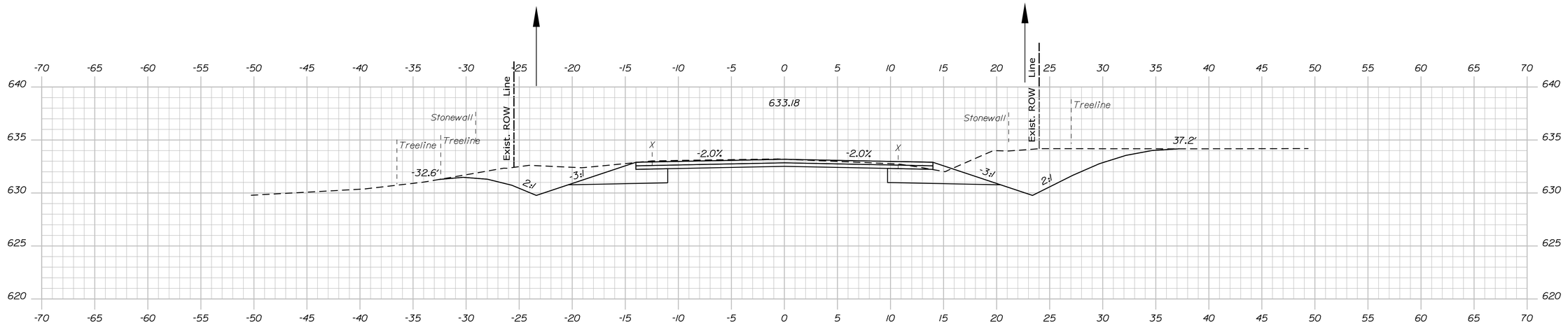
TYLin

Date:8/16/2024

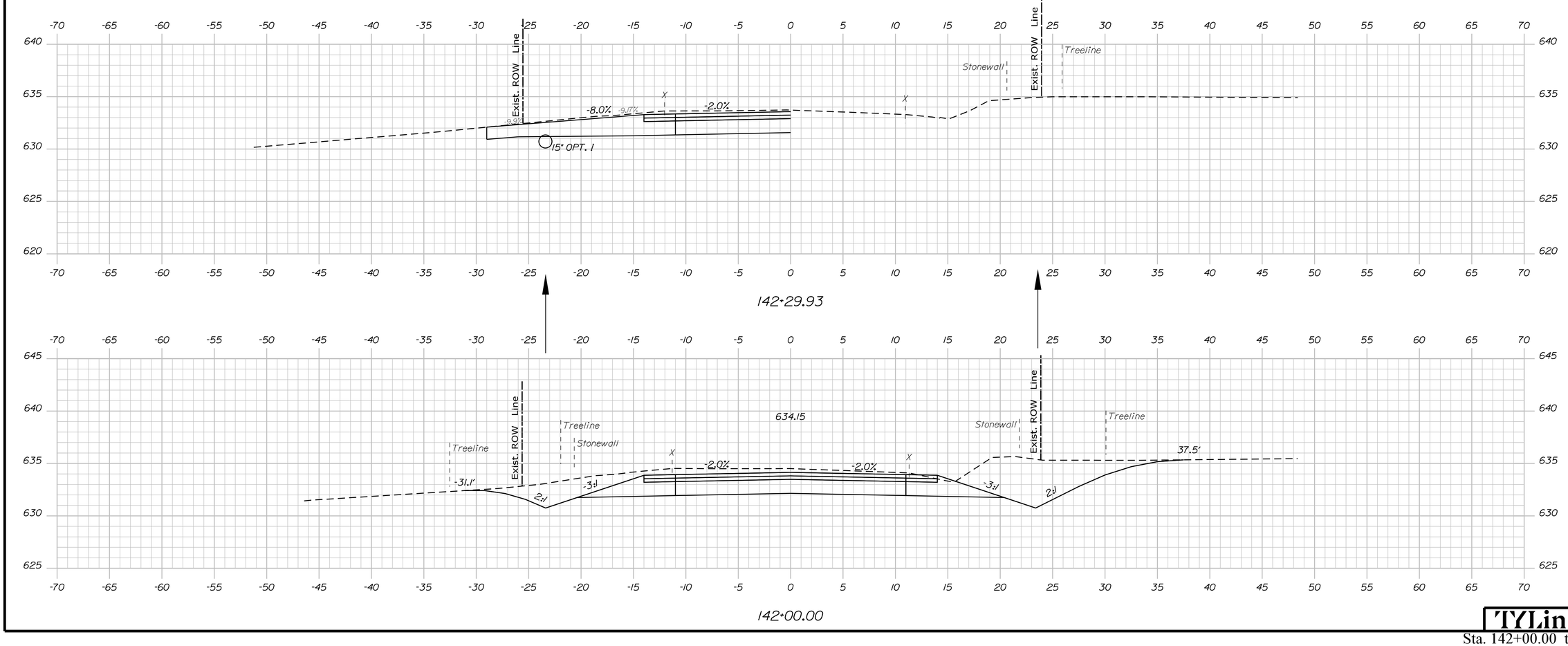
Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



142+50.00



142+29.93

142+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2	ED2	
DESIGN3-DETAILED3	ED3	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

83

OF 173

TYLin

Sta. 142+00.00 to Sta. 142+50.00

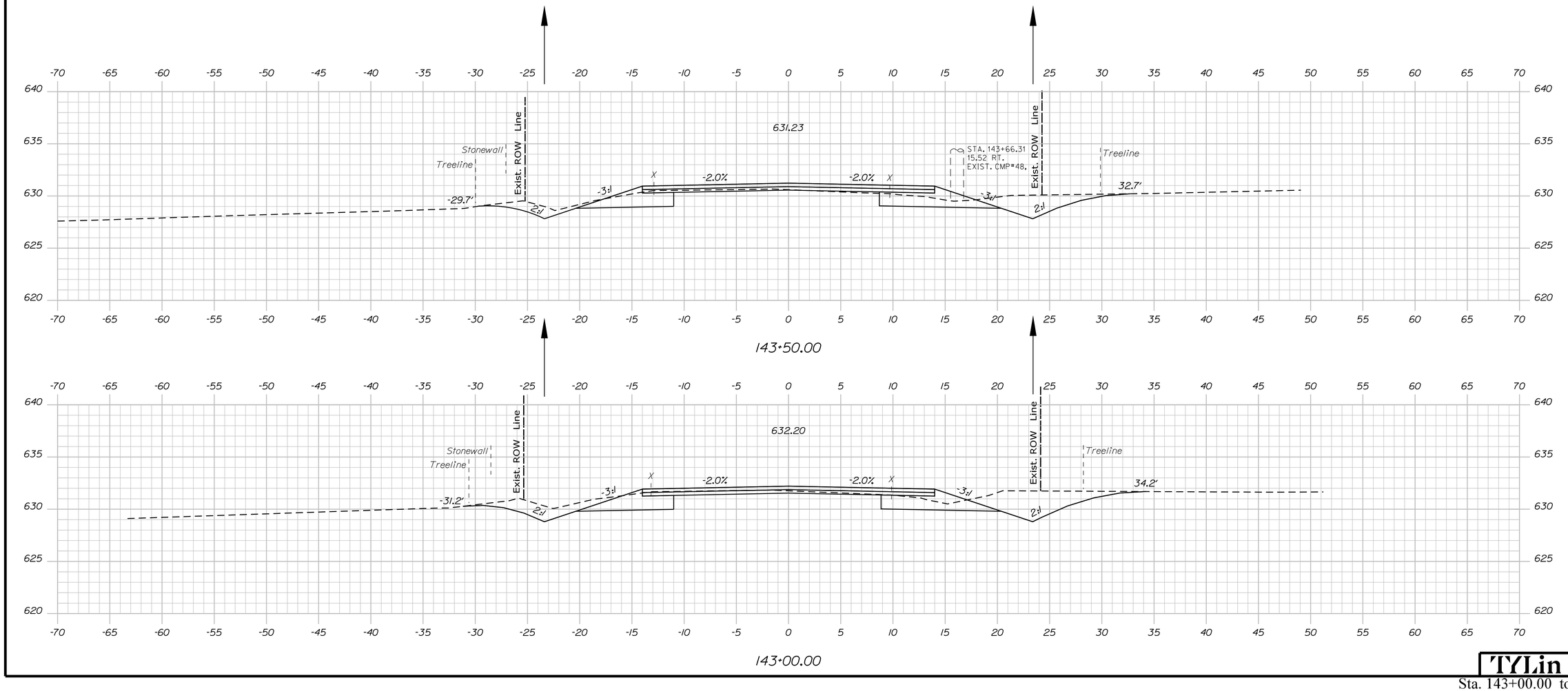
Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	3/2016	T. KELLEY
CHECKED-REVIEWED	H. COWAN	3/2016	H. COWAN
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

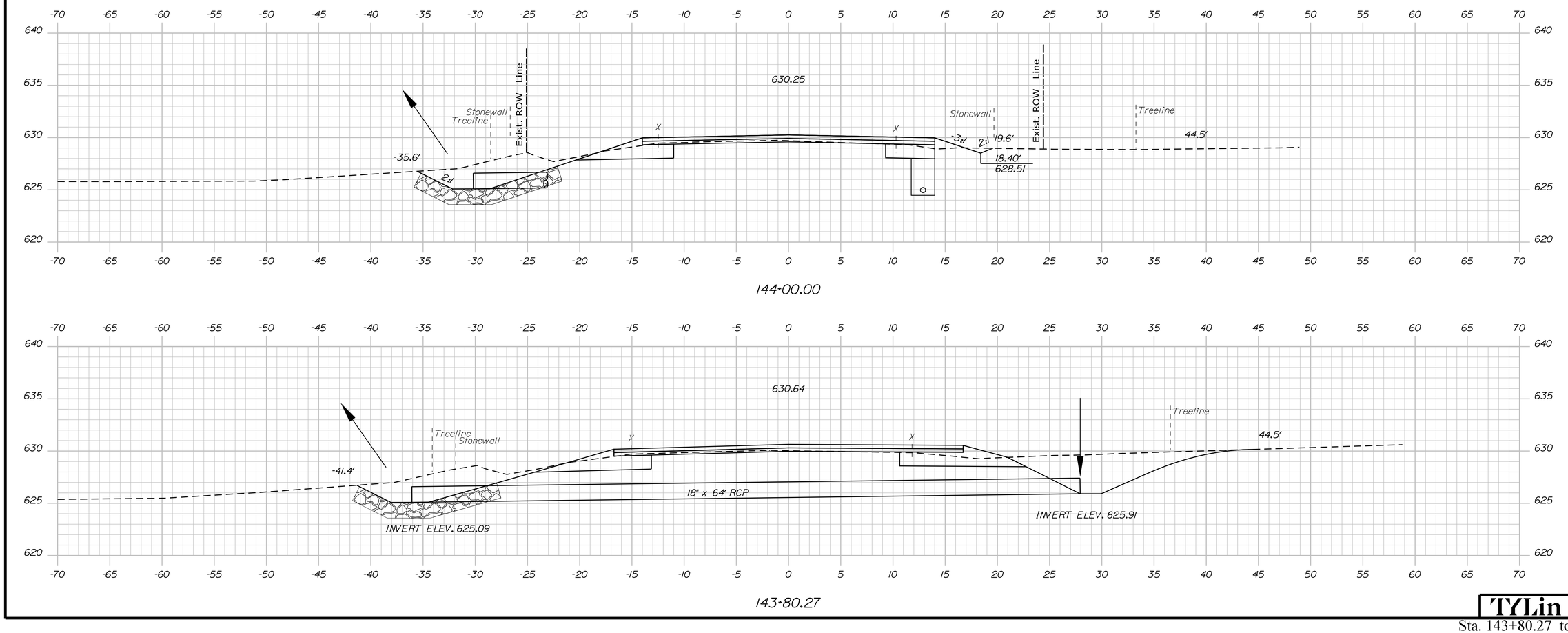
84

OF 173

TYLin

Sta. 143+00.00 to Sta. 143+50.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

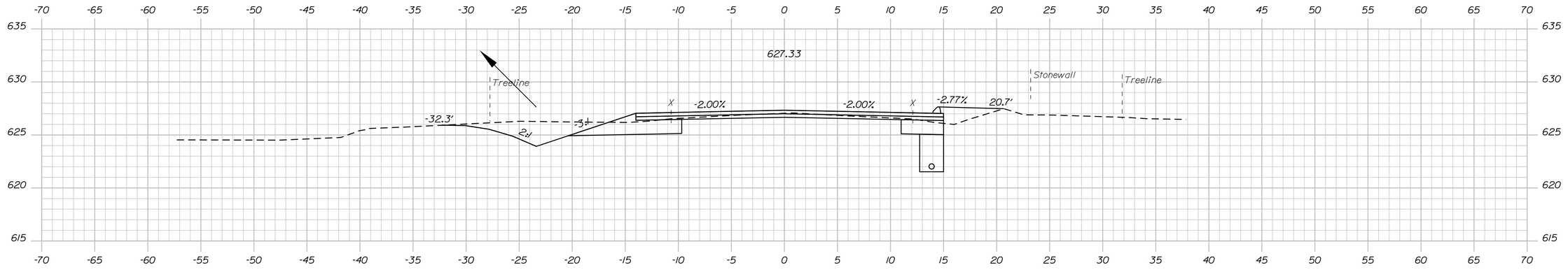
SHEET NUMBER

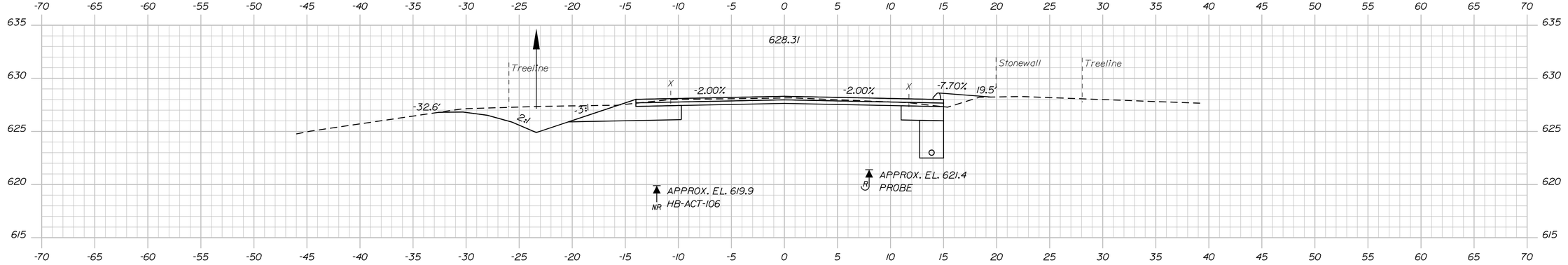
85

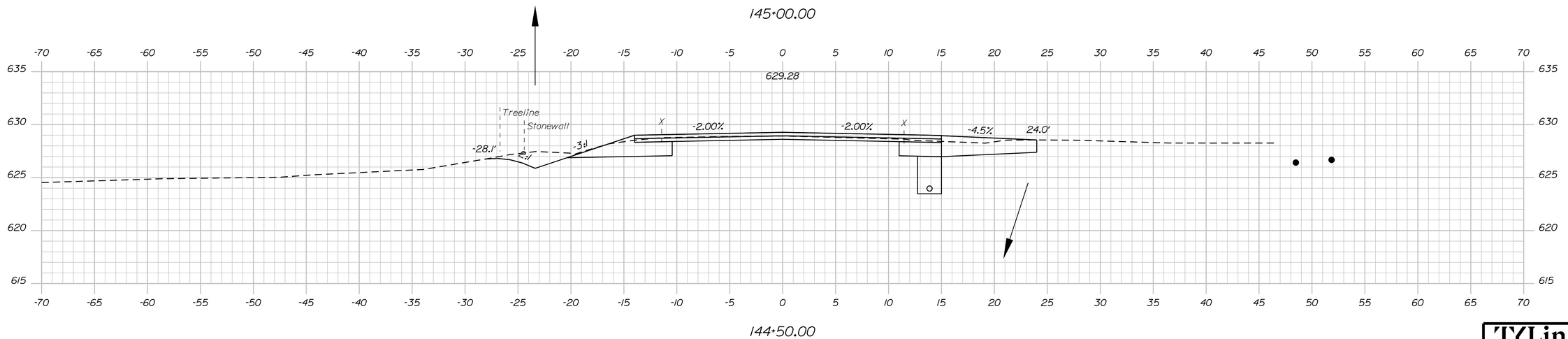
OF 173

TYLin

Sta. 143+80.27 to Sta. 144+00.00







Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
R. BETZ		
PROJ. MANAGER	T. KELLEY	3/2016
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

CROSS SECTIONS

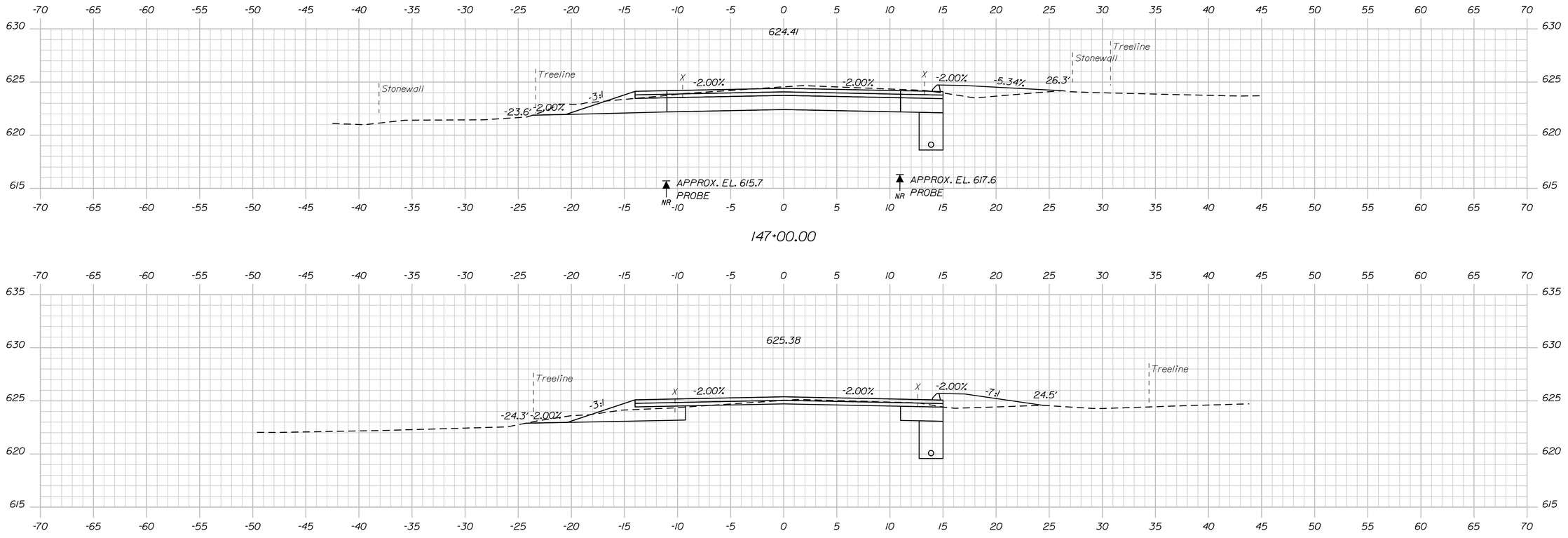
SHEET NUMBER

86

OF 173

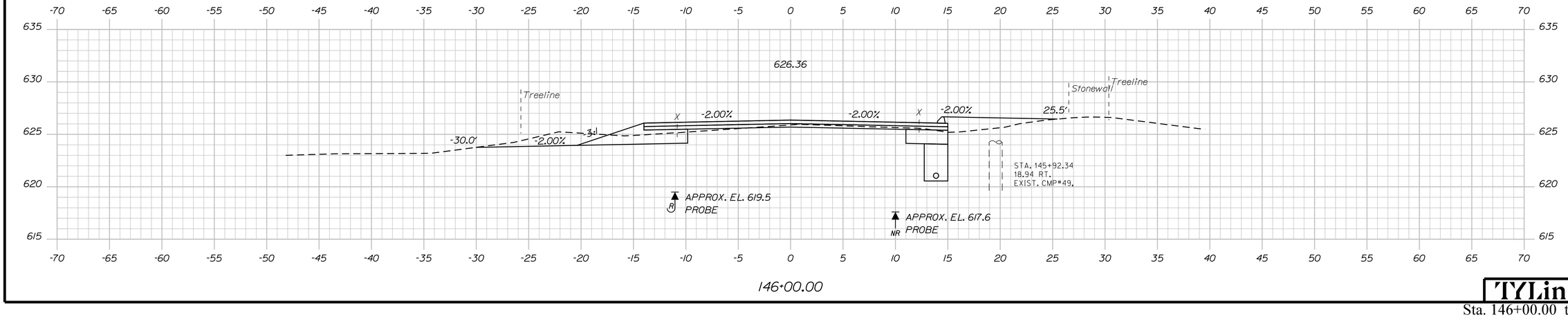
TYLin

Sta. 144+50.00 to Sta. 145+50.00



147+00.00

146+50.00



146+00.00

Sta. 146+00.00 to Sta. 147+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

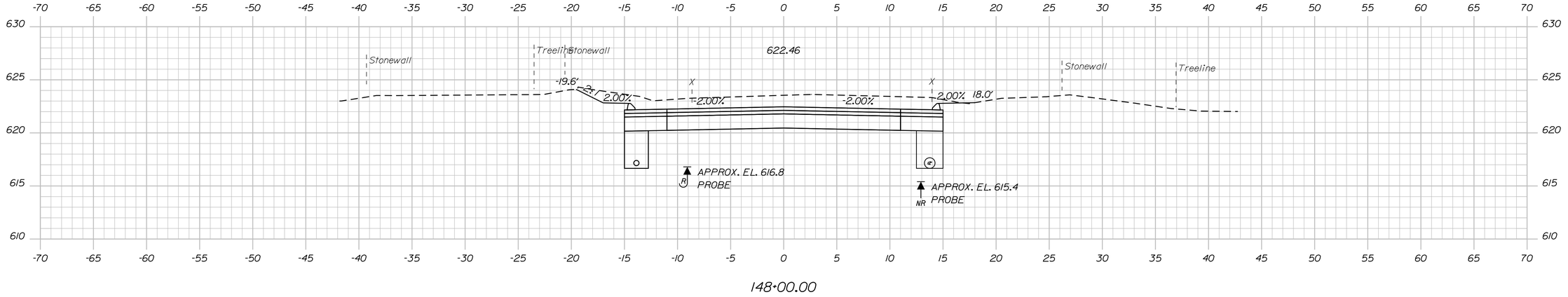
87

OF 173

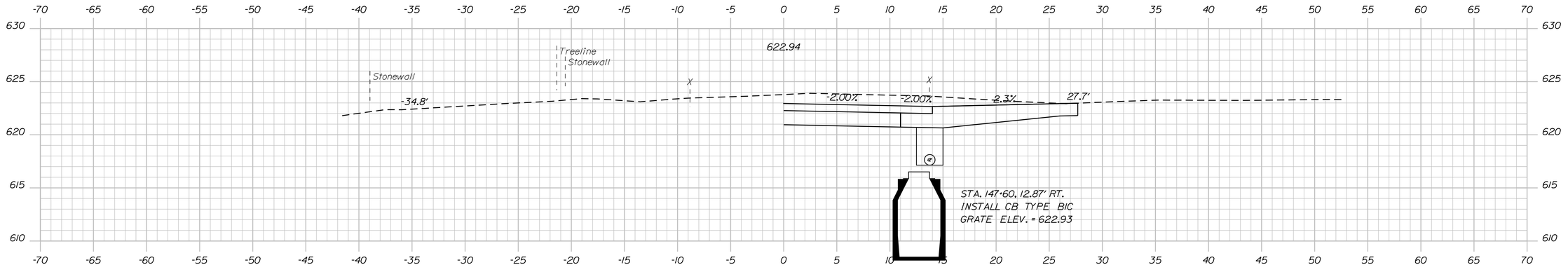
TYLin

Date:8/16/2024 Username: Division: HIGHWAY

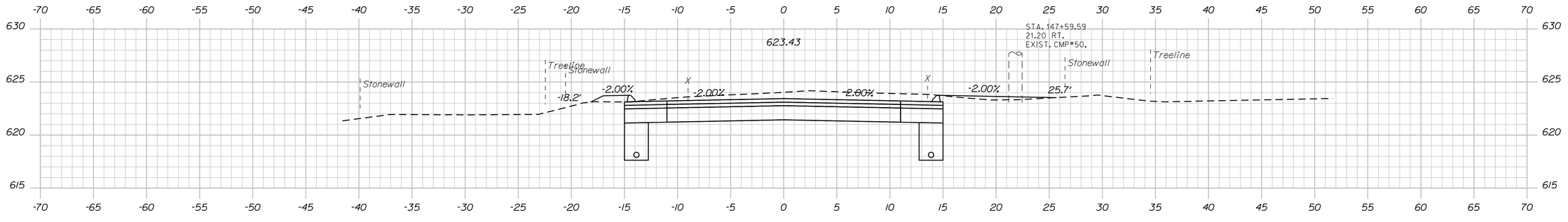
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



148+00.00



147+75.00



147+50.00

Sta. 147+50.00 to Sta. 148+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

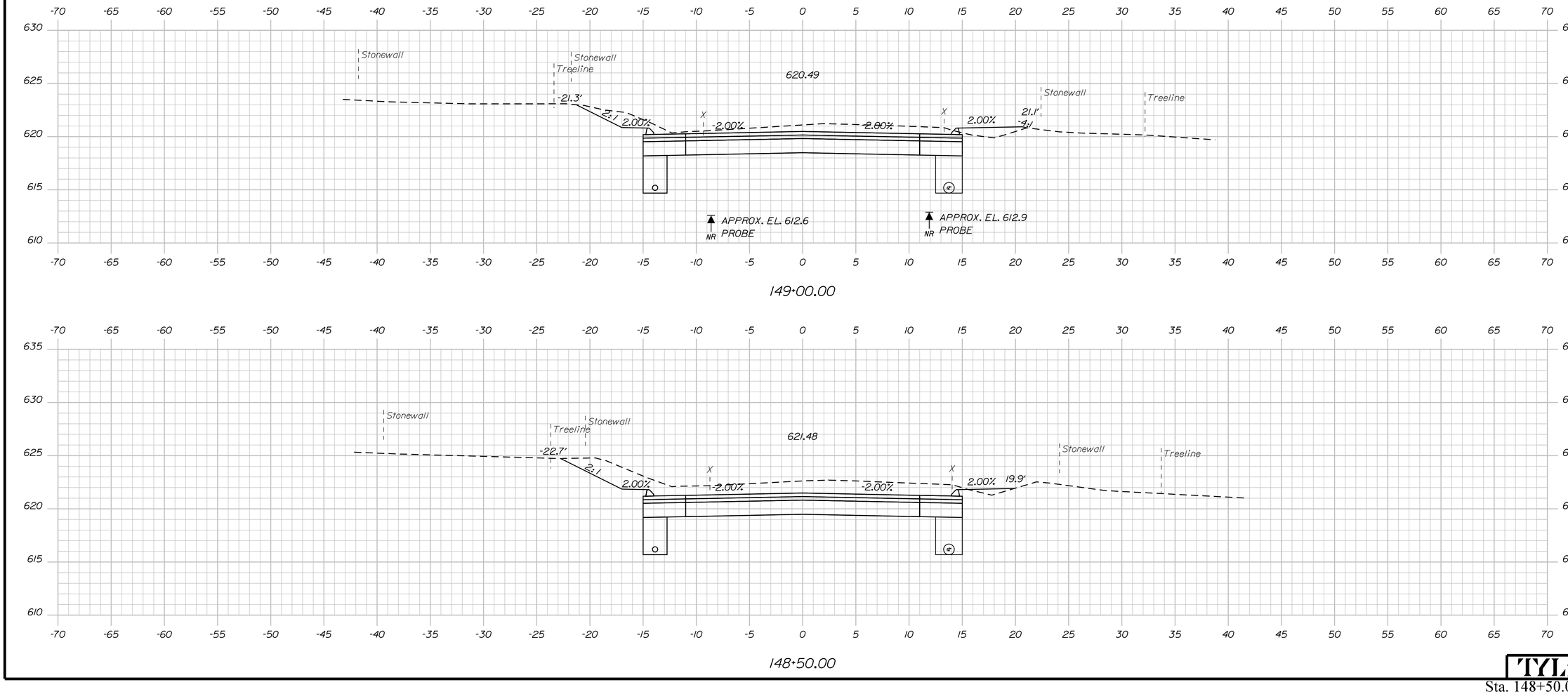
SHEET NUMBER

88

OF 173

TYLin

Date:8/16/2024 Username: Division: HIGHWAY Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Sta. 148+50.00 to Sta. 149+00.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	T. KELLEY	H. COWAN	3/2016
DESIGN2-DETAILED2	H. COWAN		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

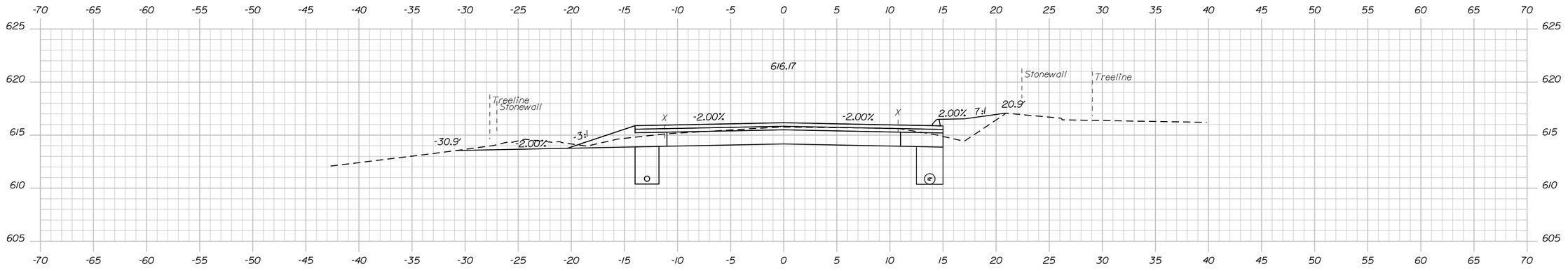
CROSS SECTIONS

SHEET NUMBER

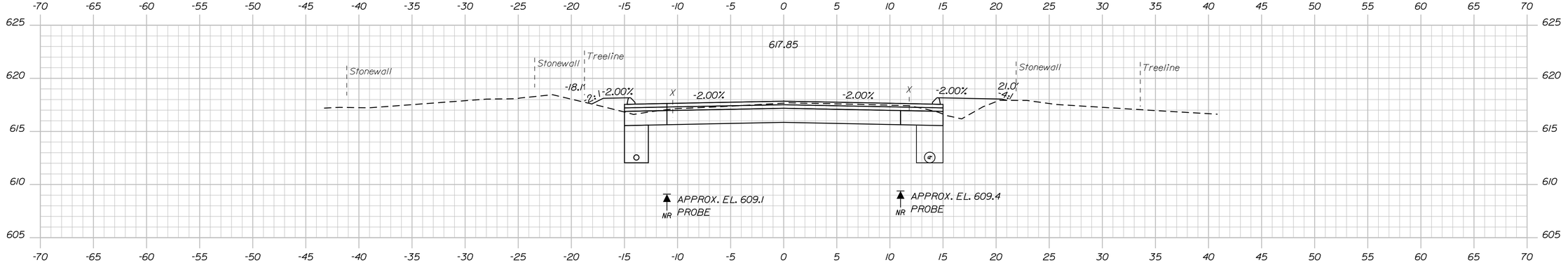
89

OF 173

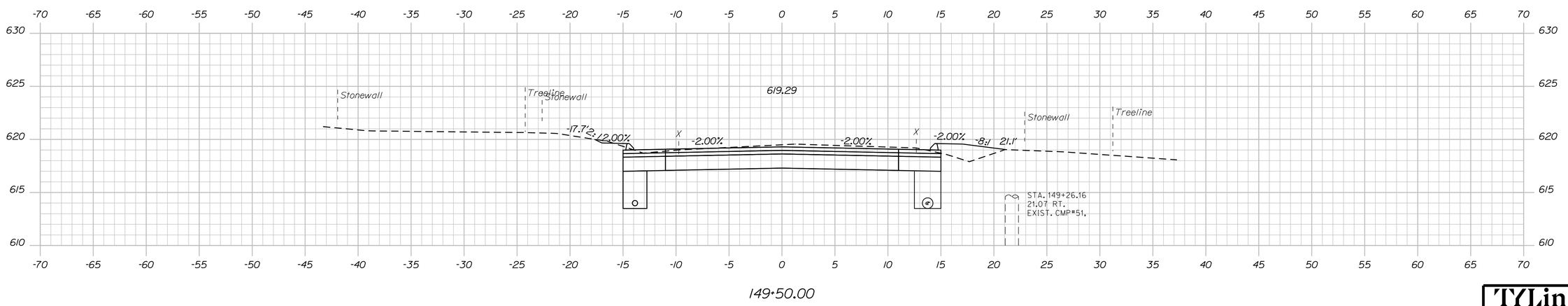
TYLin



150+50.00



150+00.00



149+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
R. BETZ		
T. KELLEY	T. KELLEY	3/2016
H. COWAN	H. COWAN	3/2016

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

90

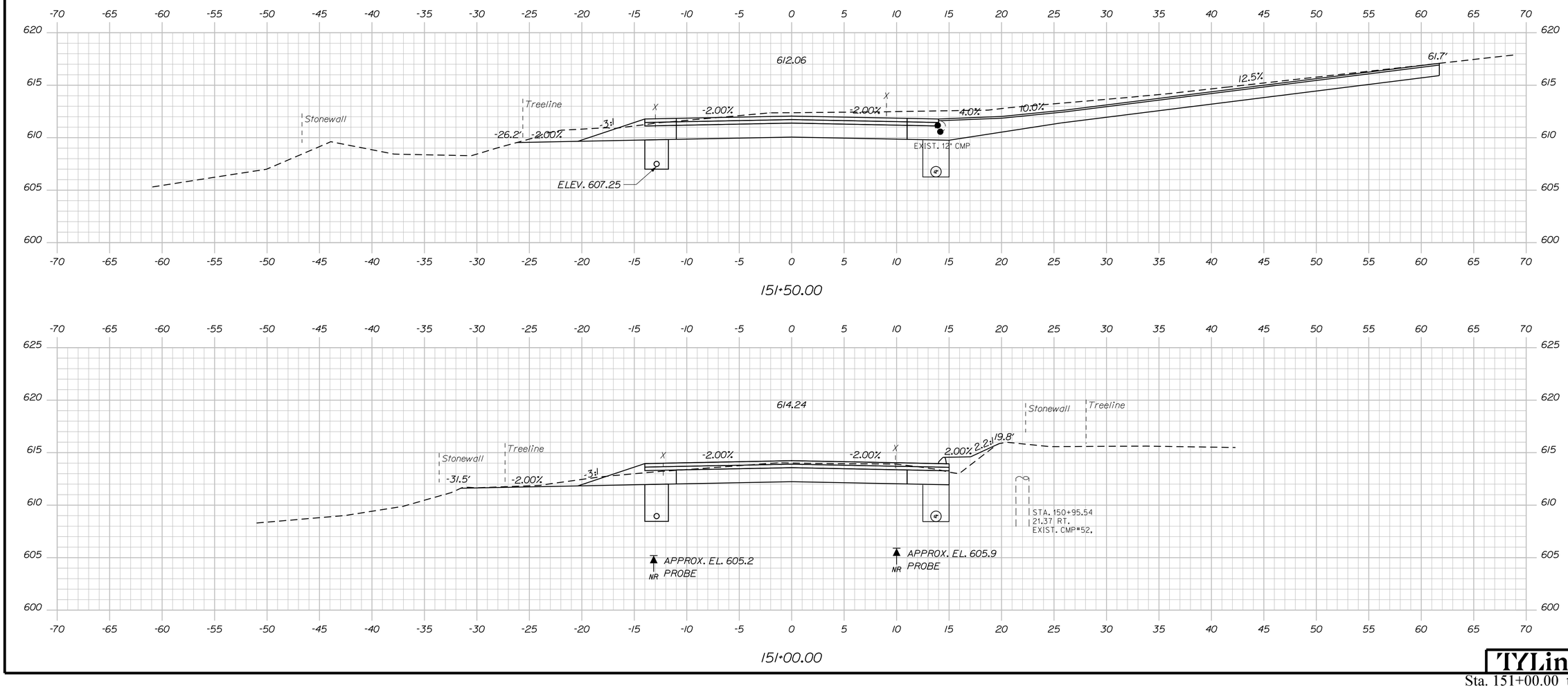
OF 173

TYLin

Sta. 149+50.00 to Sta. 150+50.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BEIZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	T. KELLEY	H. COWAN	3/2016
DESIGN2-DETAILED2	H. COWAN		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

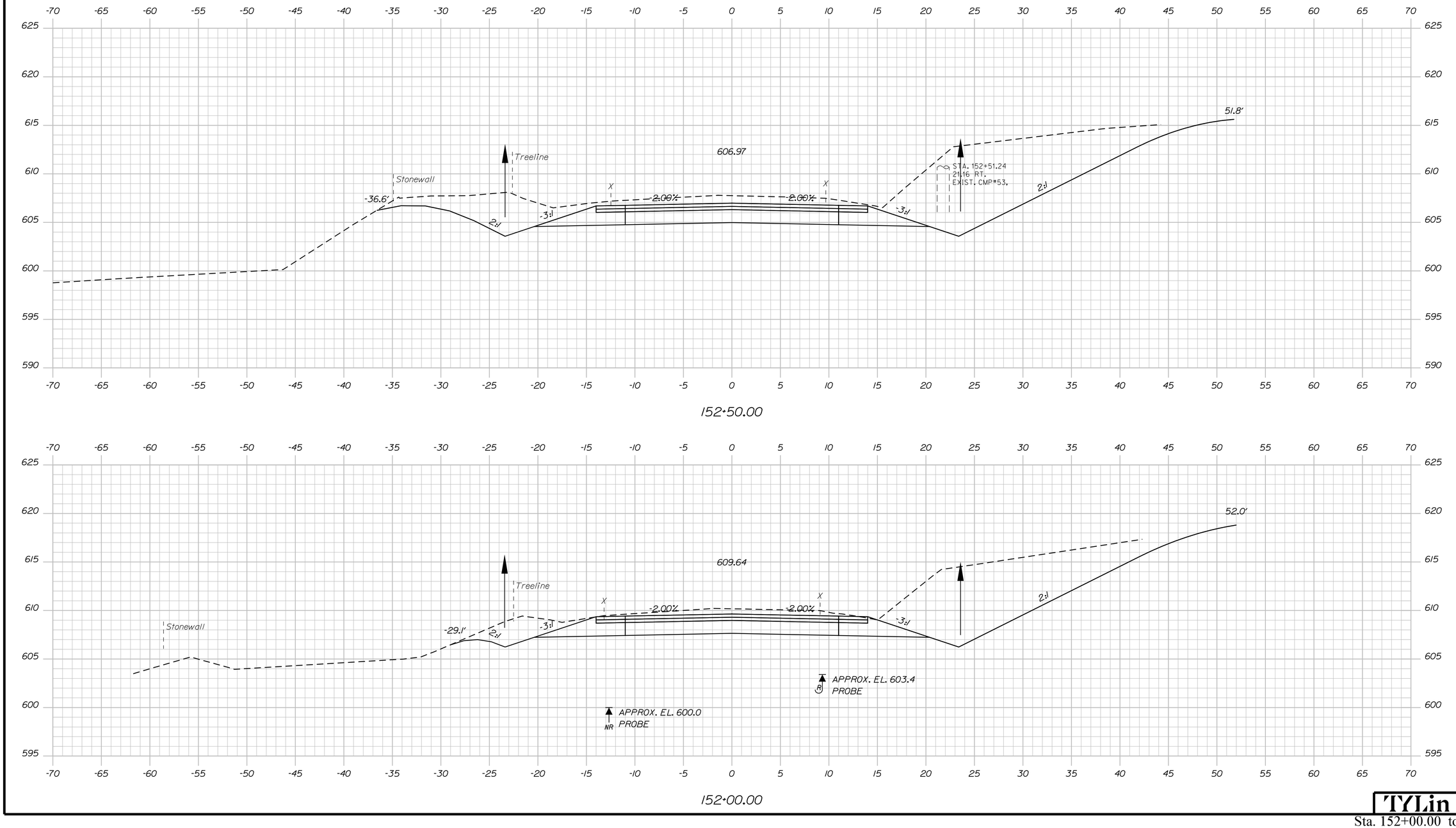
SHEET NUMBER

91

OF 173

TYLin

Sta. 151+00.00 to Sta. 151+50.00



Sta. 152+00.00 to Sta. 152+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

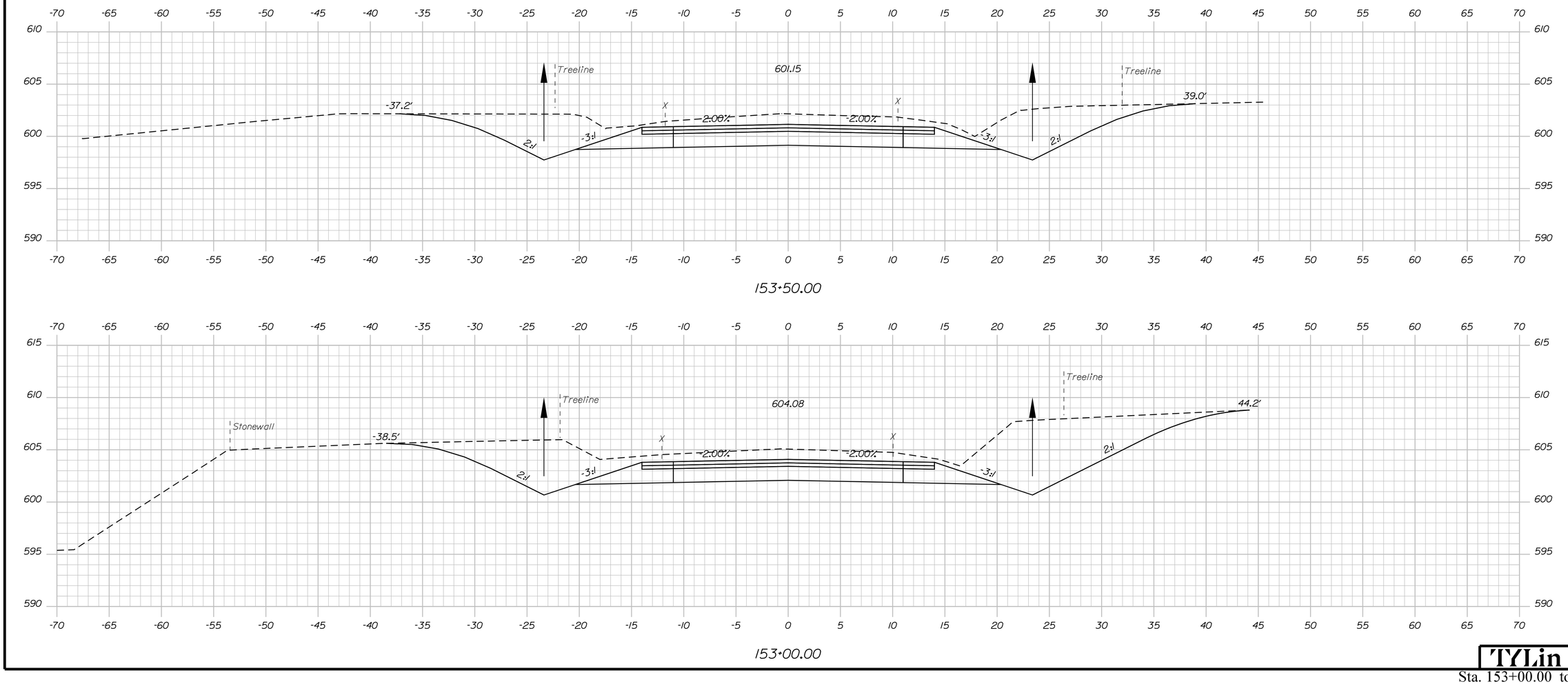
92

OF 173

TYLin

Date:8/16/2024 Username: Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Date:8/16/2024 Username: Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

			DATE
PROJ. MANAGER	R. BETZ	BY	
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

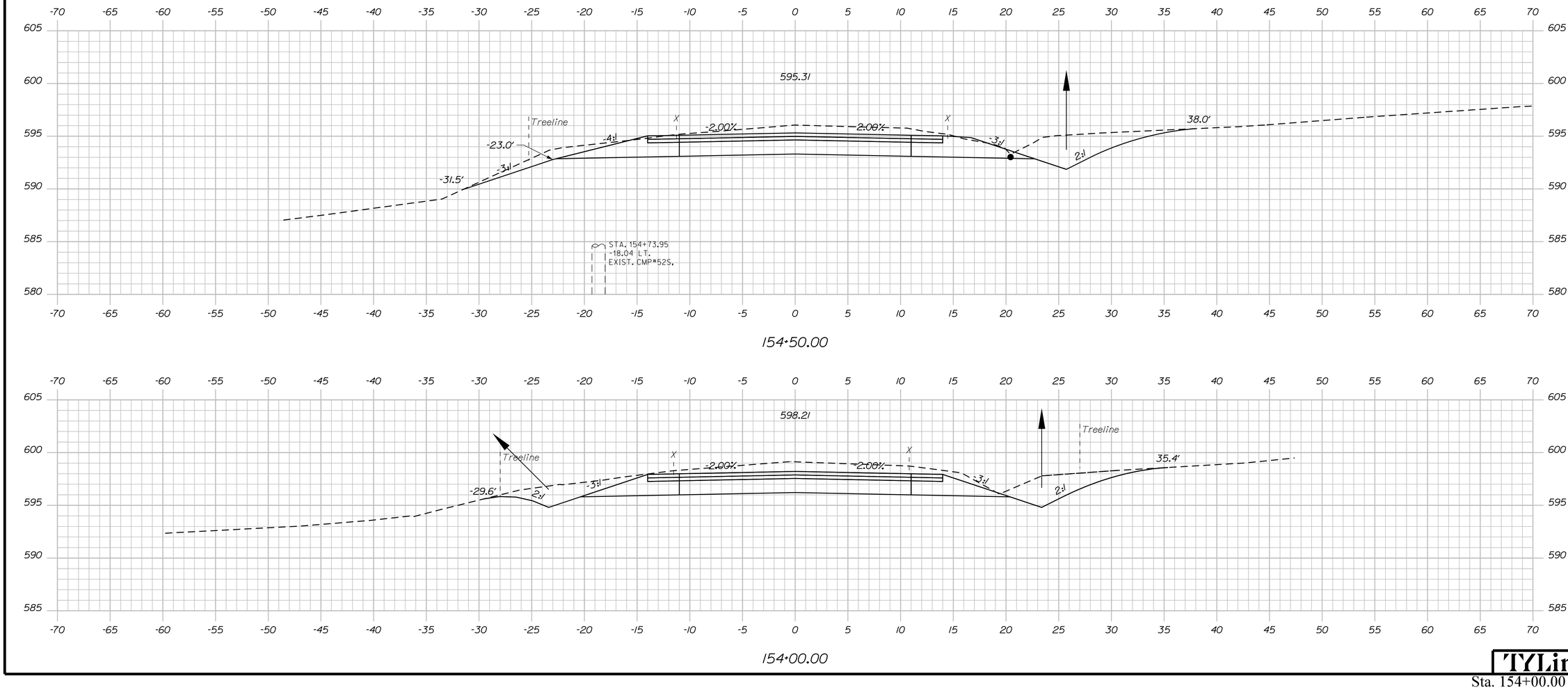
93

OF 173

TYLin

Sta. 153+00.00 to Sta. 153+50.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



154+50.00

154+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

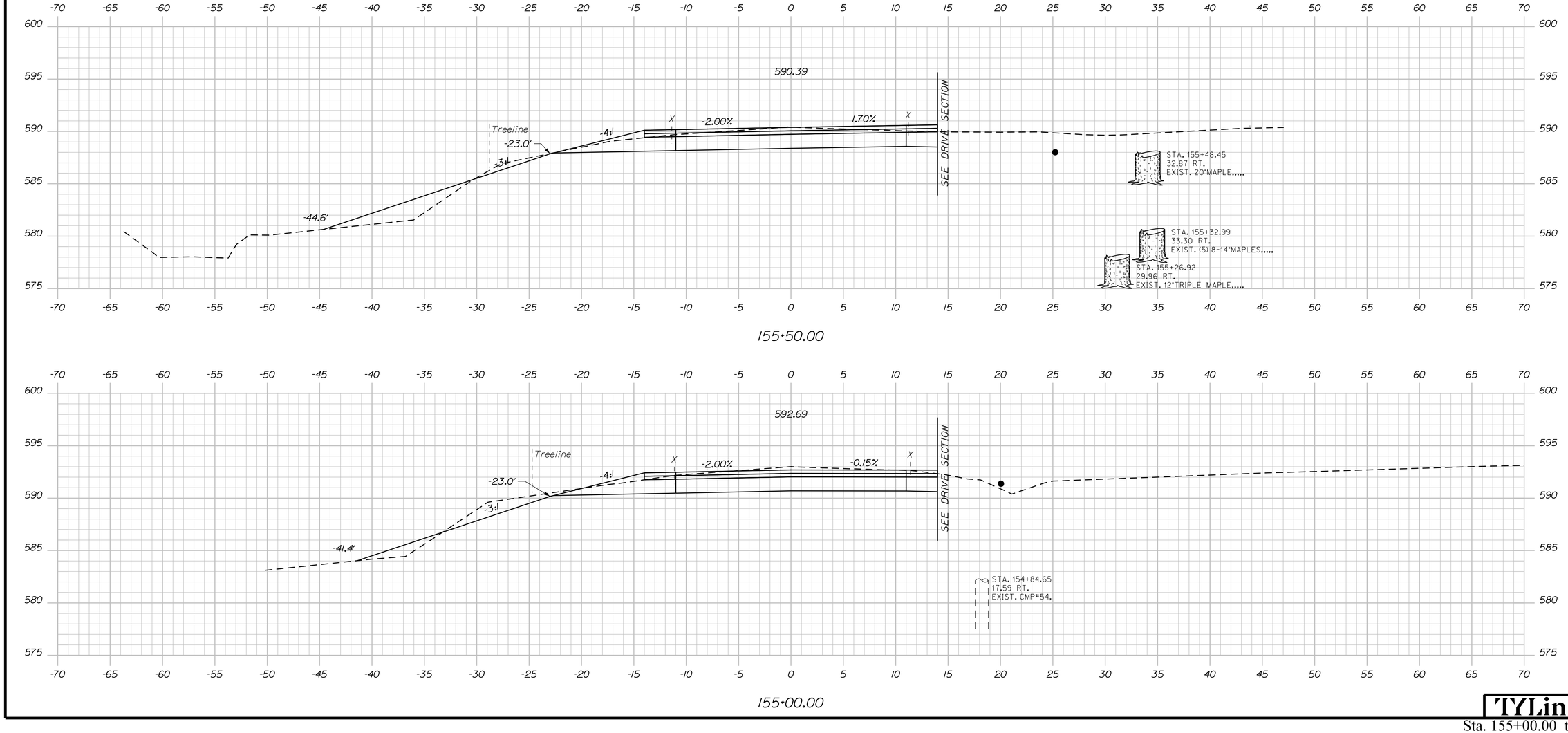
94

OF 173

TYLin

Sta. 154+00.00 to Sta. 154+50.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



Sta. 155+00.00 to Sta. 155+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

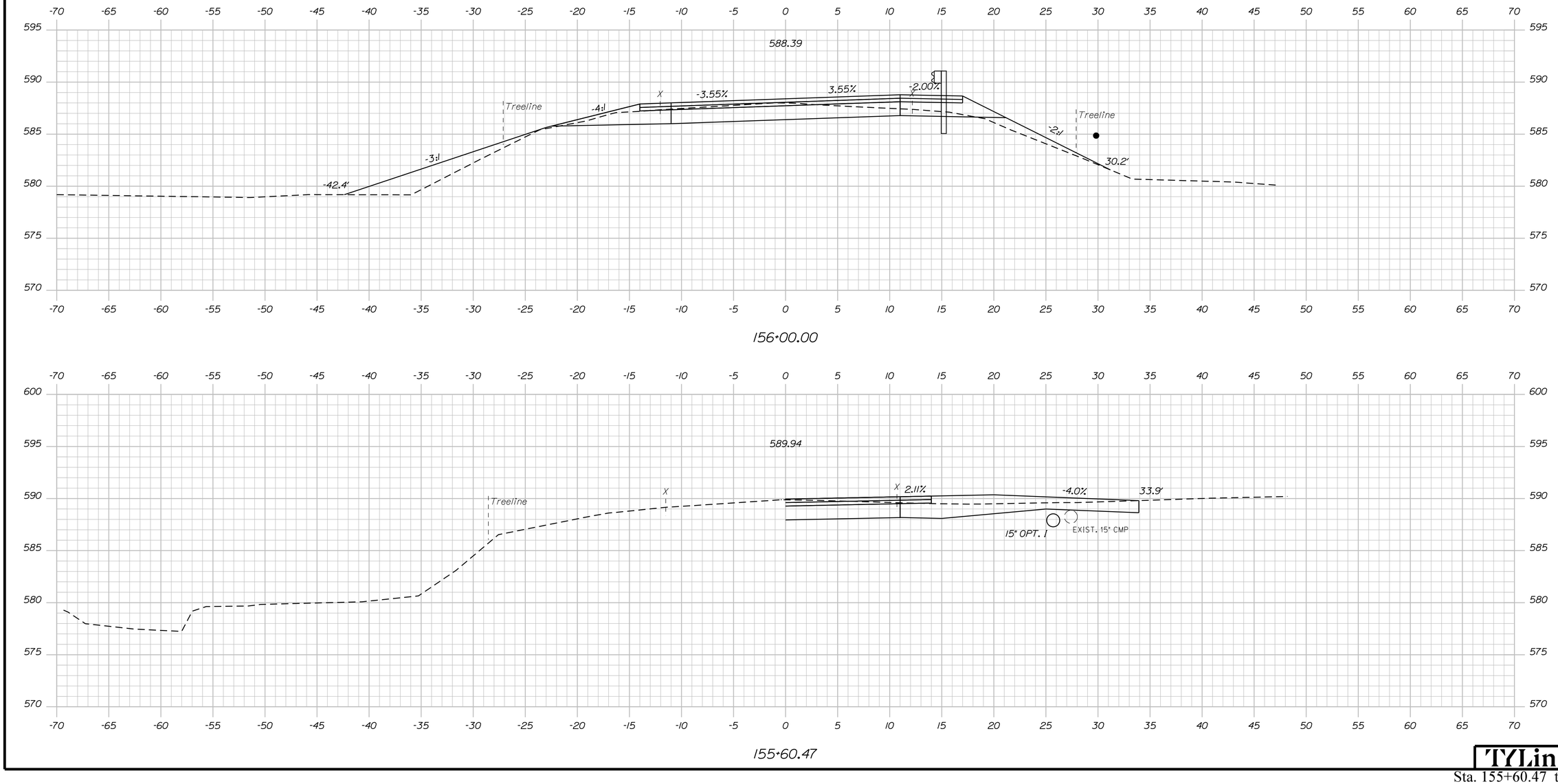
CROSS SECTIONS

SHEET NUMBER

95

OF 173

TYLin



Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

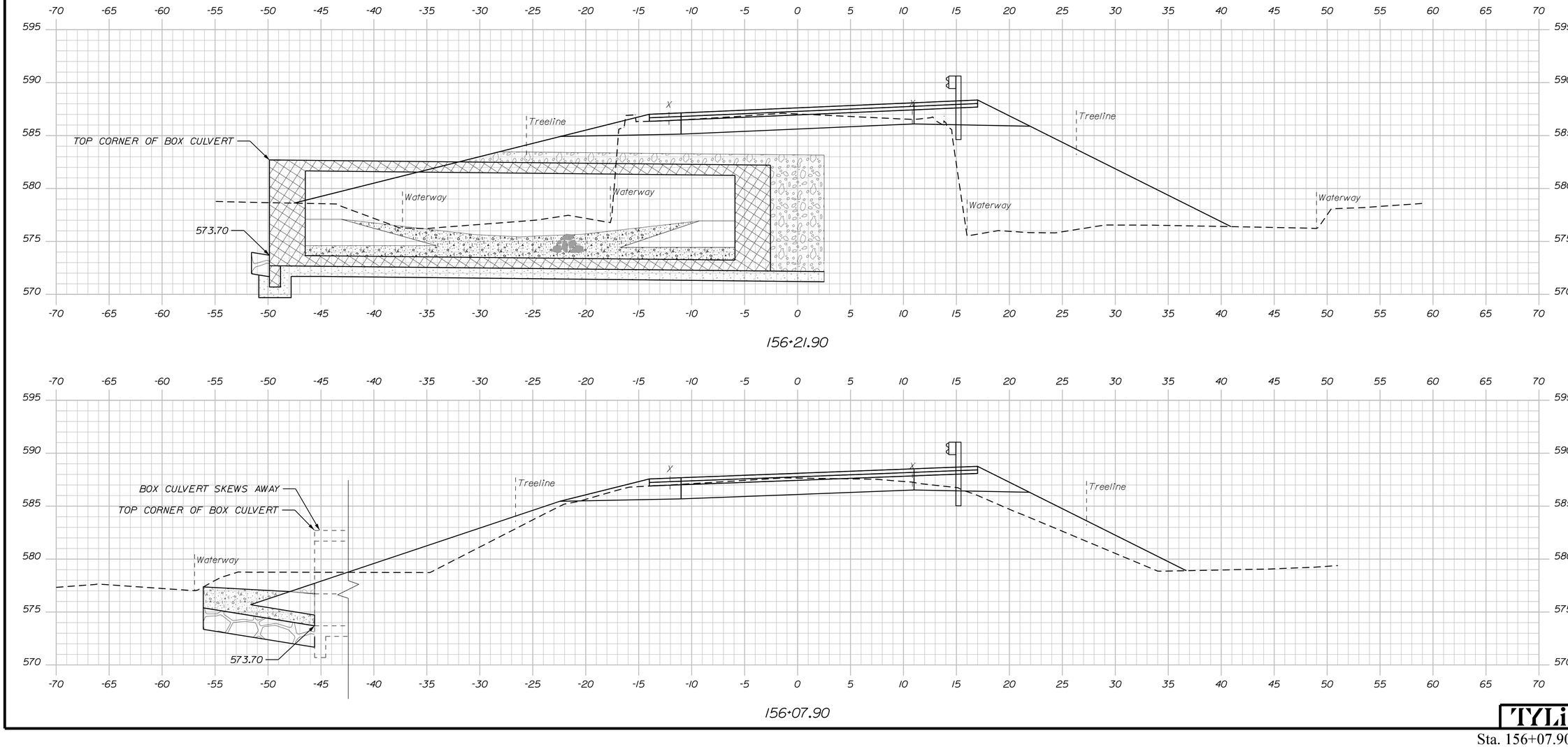
SHEET NUMBER

96

OF 173

TYLin

Sta. 155+60.47 to Sta. 156+00.00



Sta. 156+07.90 to Sta. 156+21.90

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

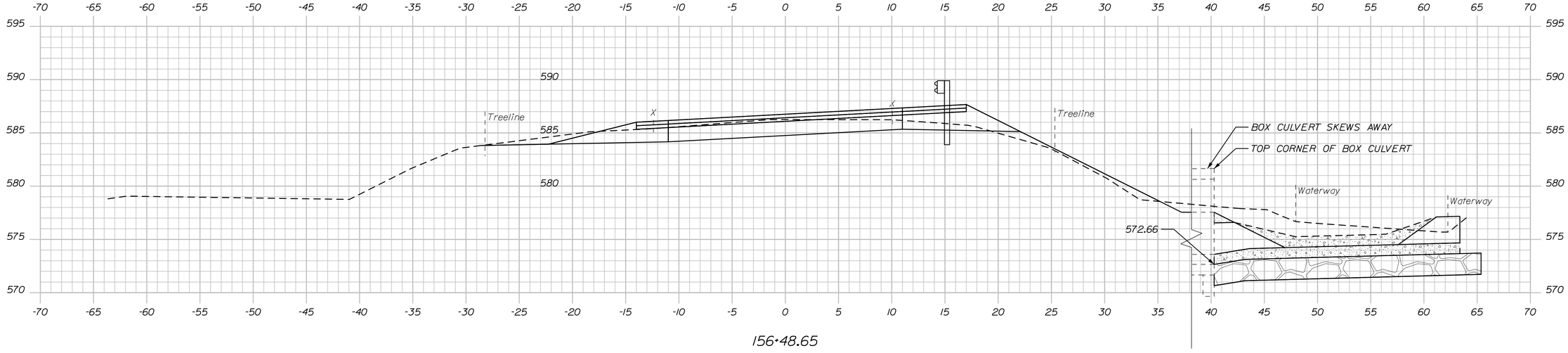
SHEET NUMBER

97

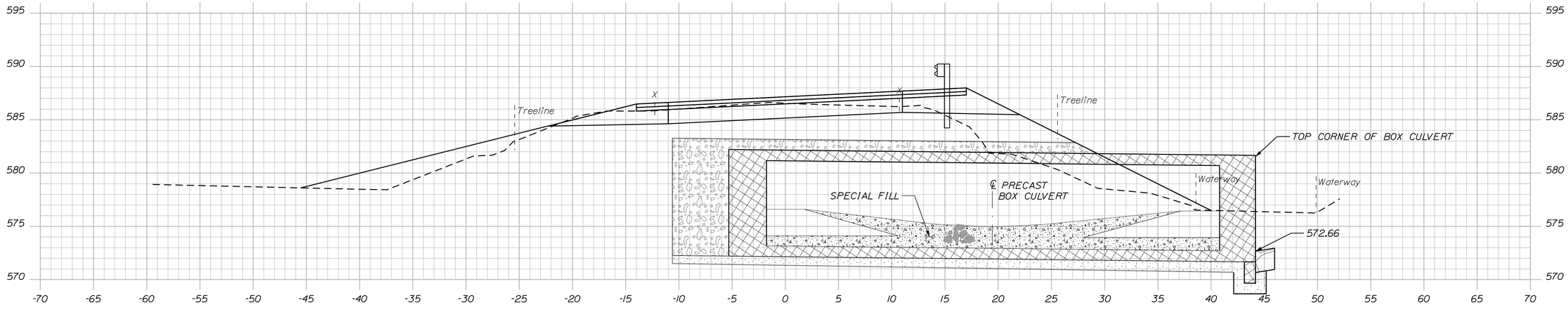
OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



156+48.65



156+35.73

TYLin

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2	ED2	
DESIGN3-DETAILED3	ED3	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

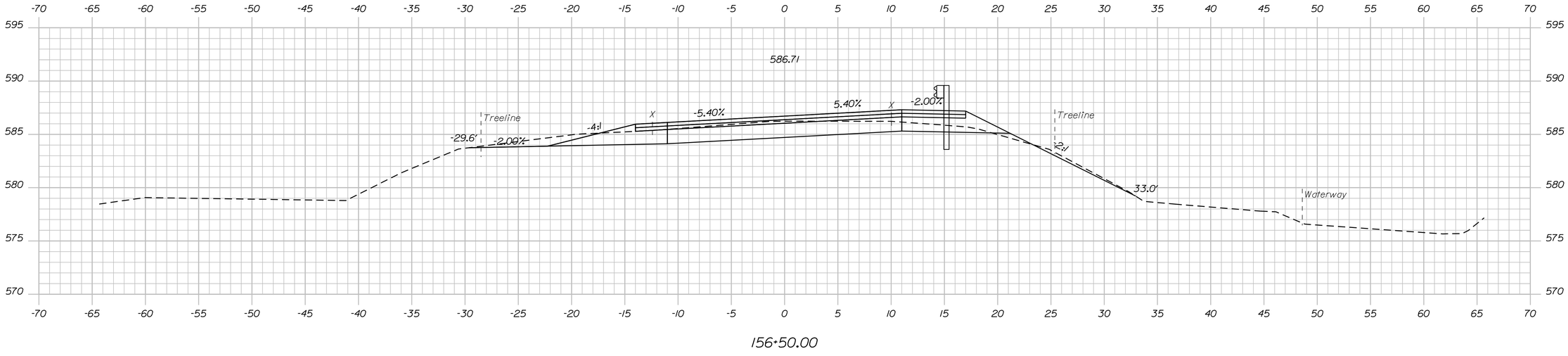
CROSS SECTIONS

SHEET NUMBER

98

OF 173

Sta. 156+35.73 to Sta. 156+48.65



Sta. 156+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
R. BETZ		
PROJ. MANAGER		
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

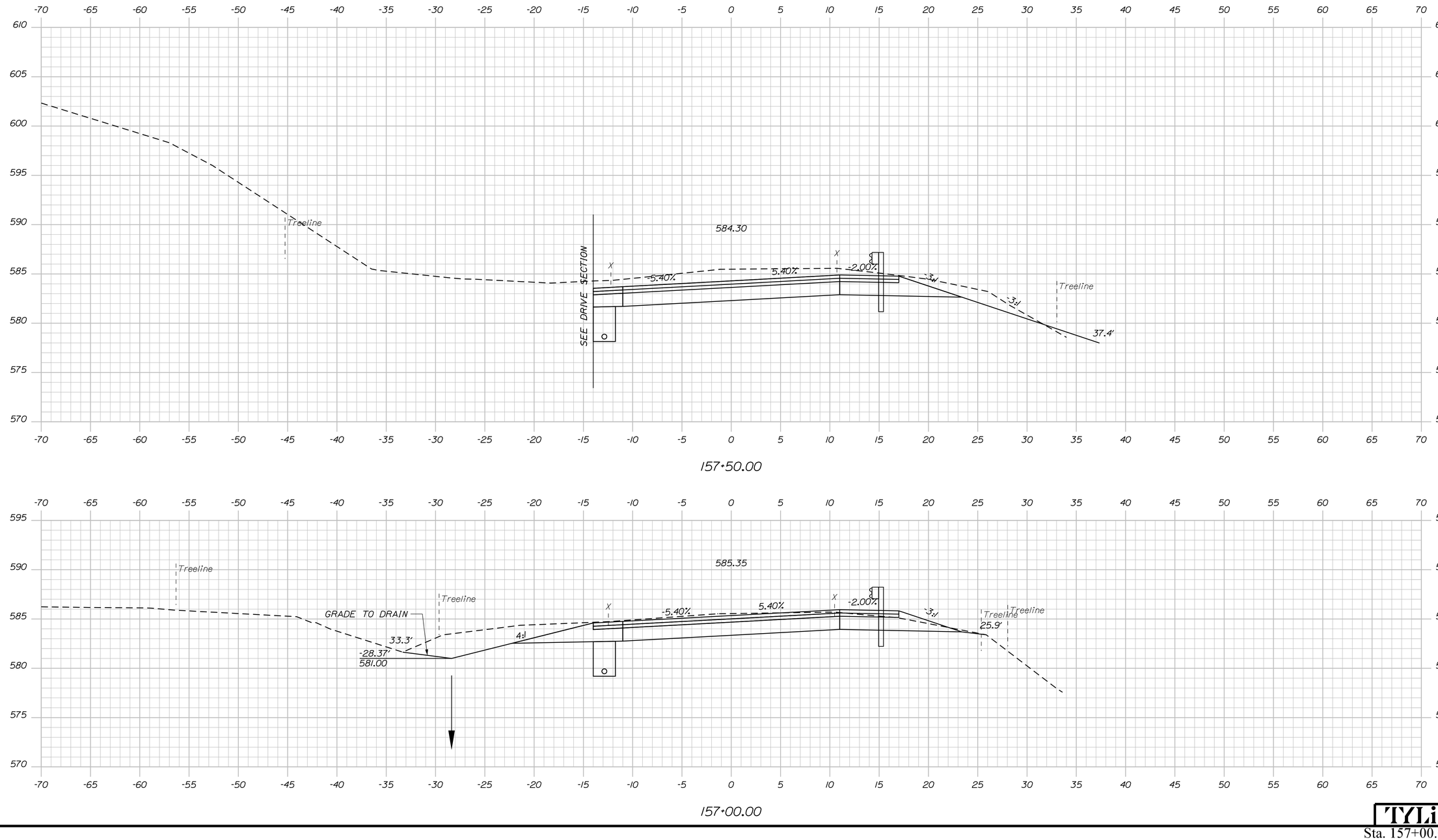
99

OF 173

TYLin

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

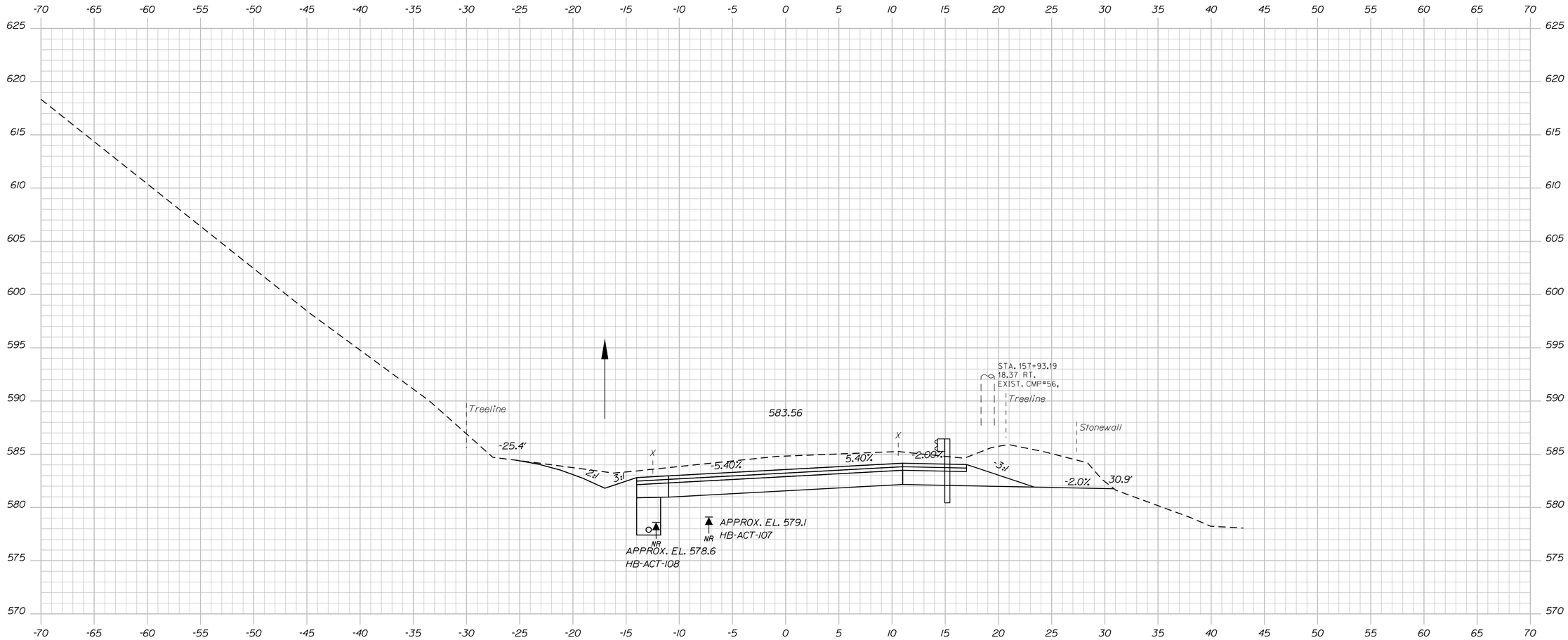
SHEET NUMBER

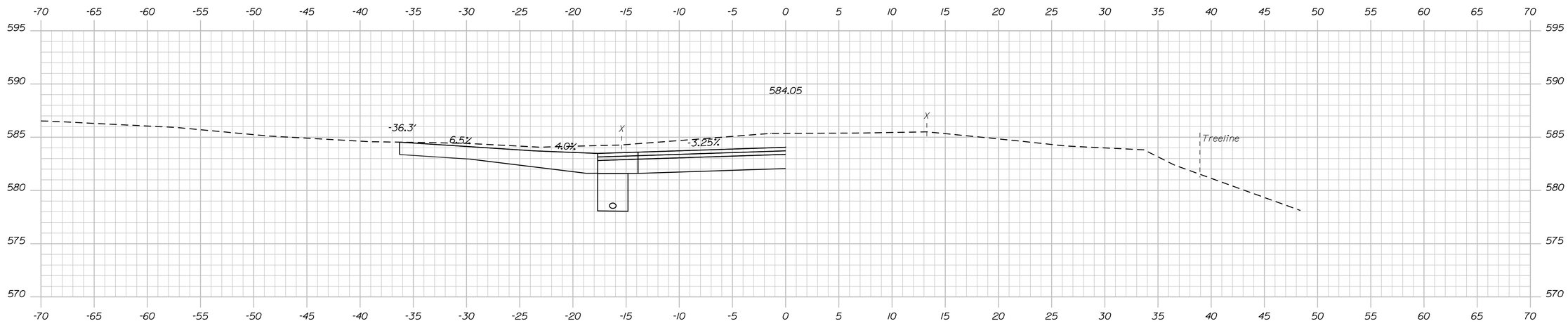
100

OF 173

TYLin

Sta. 157+00.00 to Sta. 157+50.00





Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

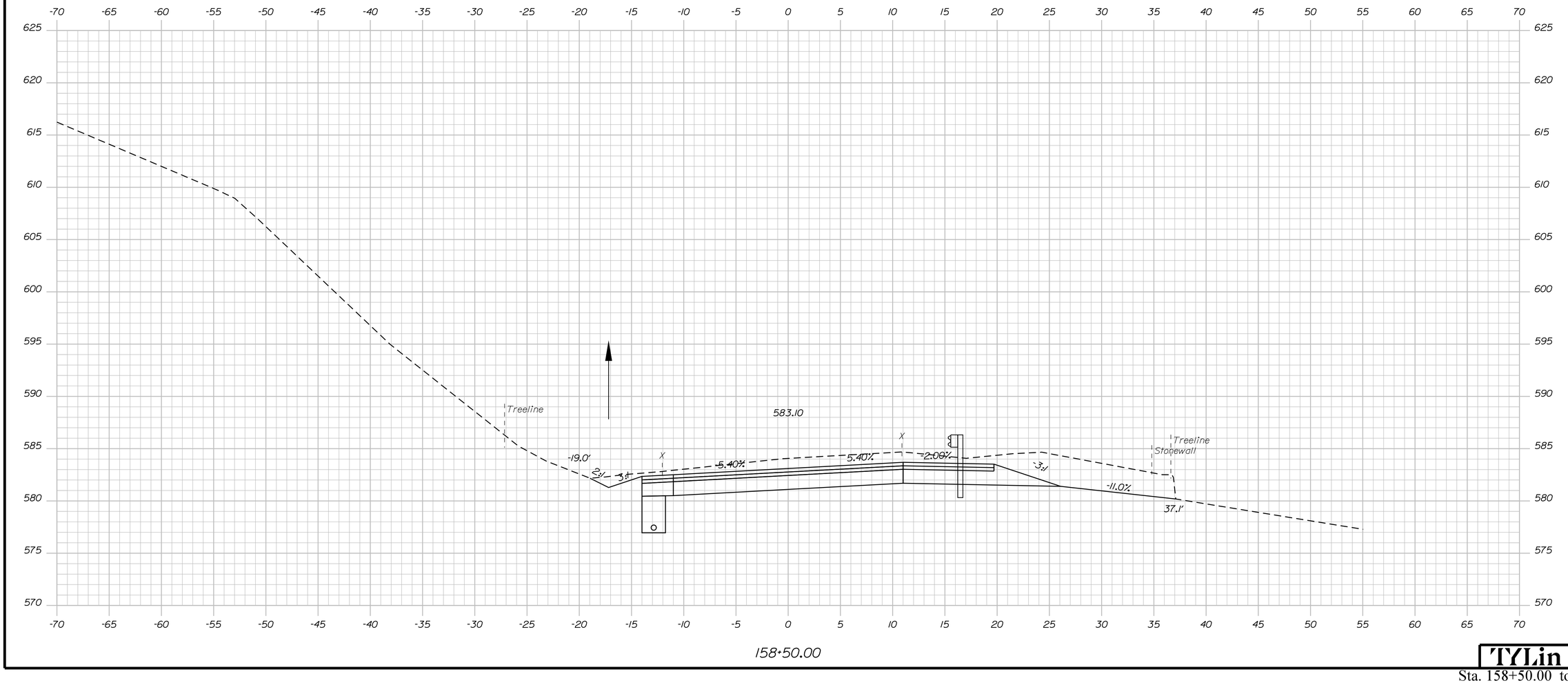
101

OF 173

TYLin

Sta. 157+64.50 to Sta. 158+00.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

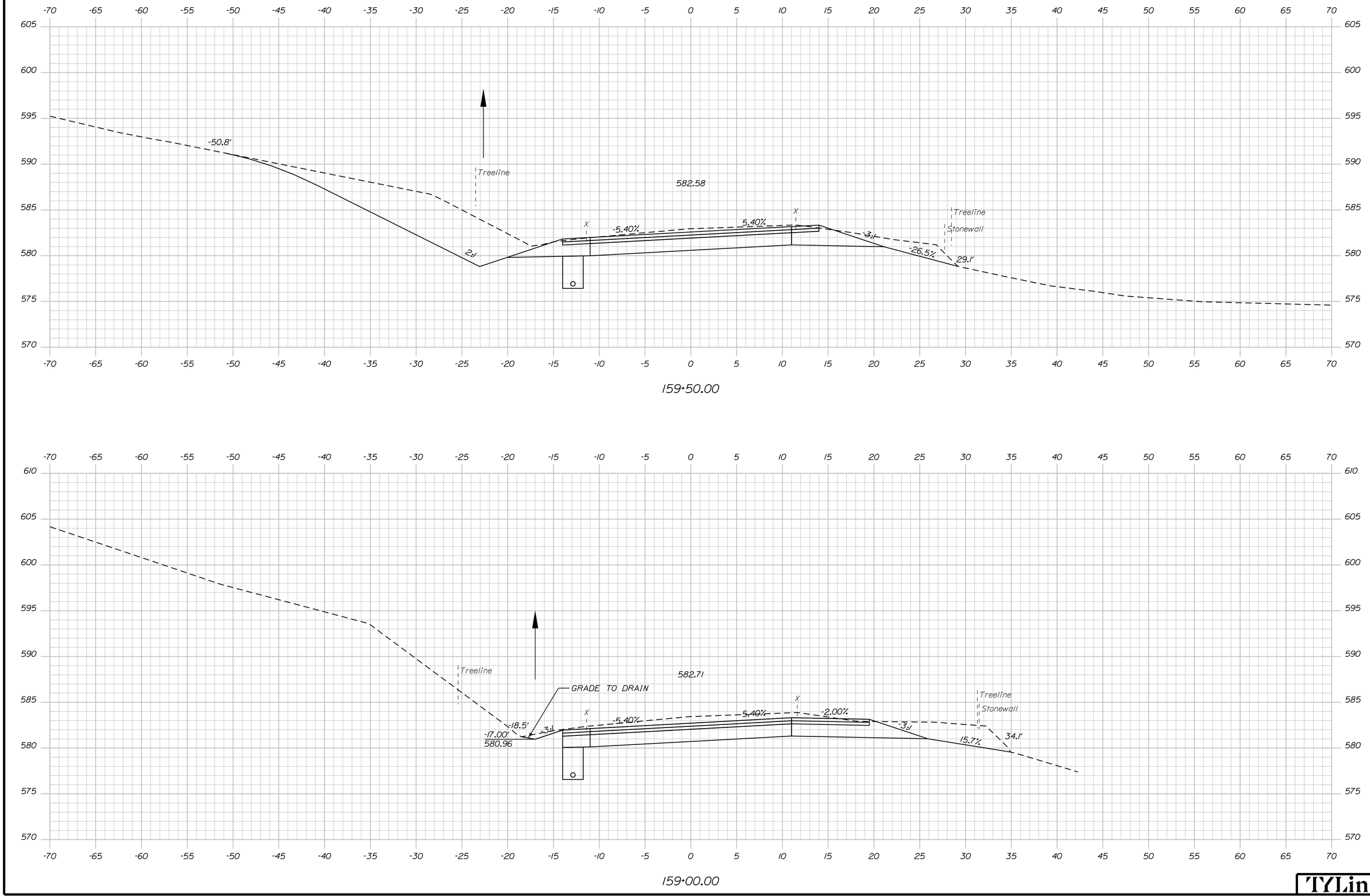
SHEET NUMBER

102

OF 173

TYLin

Sta. 158+50.00 to Sta. 158+50.00



Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEIZ		
DESIGN-DETAILED	T. KELLEY	BY	3/2016
CHECKED-REVIEWED	H. COWAN		3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

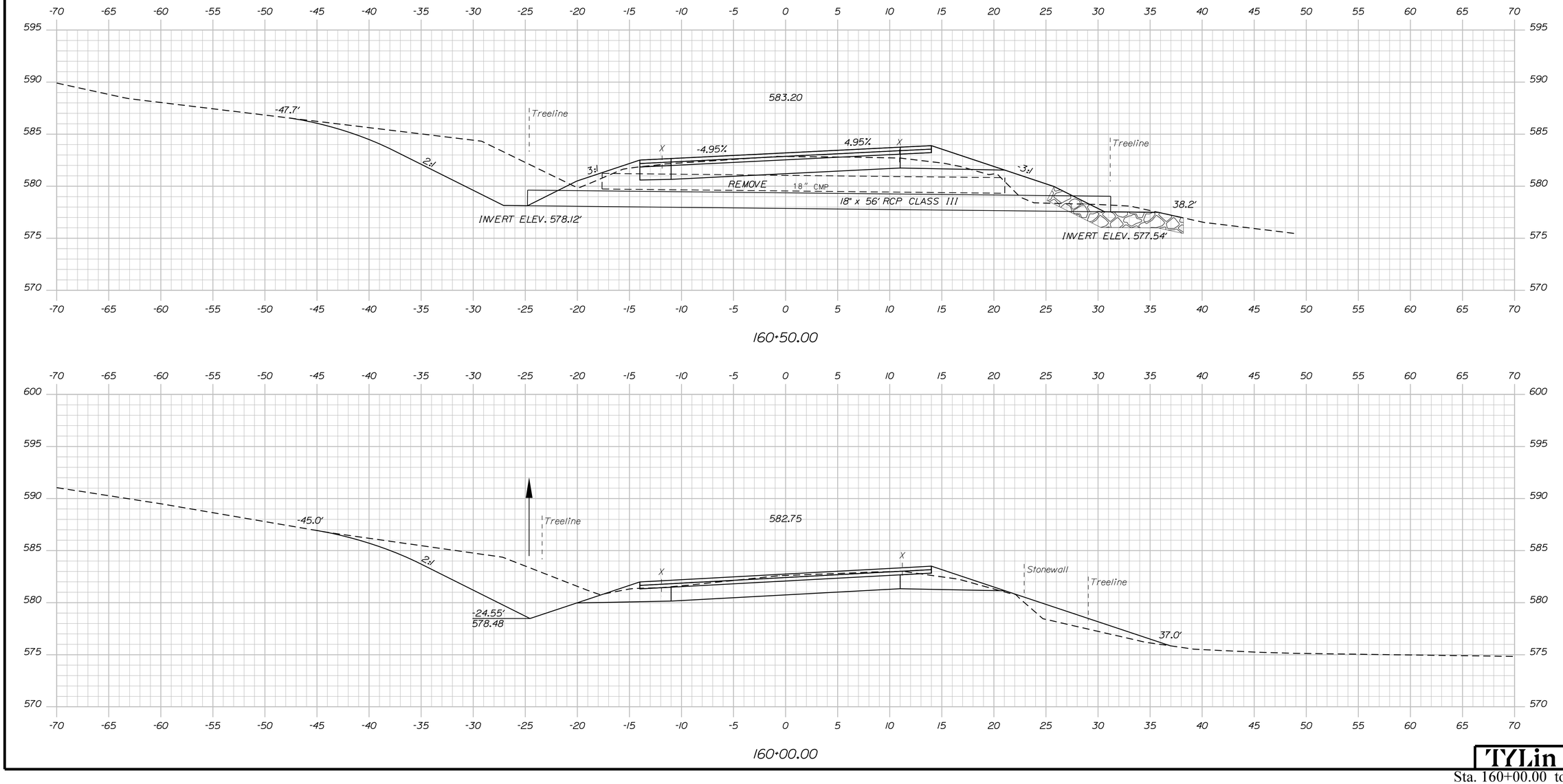
SHEET NUMBER

103

OF 173

TYLin

Sta. 159+00.00 to Sta. 159+50.00



Sta. 160+00.00 to Sta. 160+50.00

Date:8/16/2024 Username: Division: HIGHWAY Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

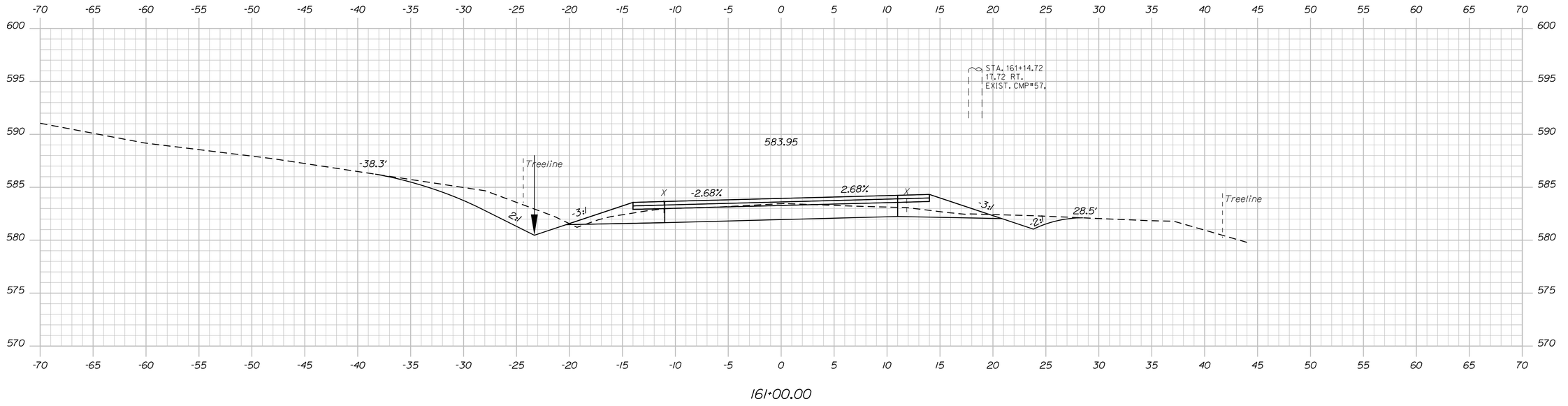
CROSS SECTIONS

SHEET NUMBER

104

OF 173

TYLin



Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	R. BETZ	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

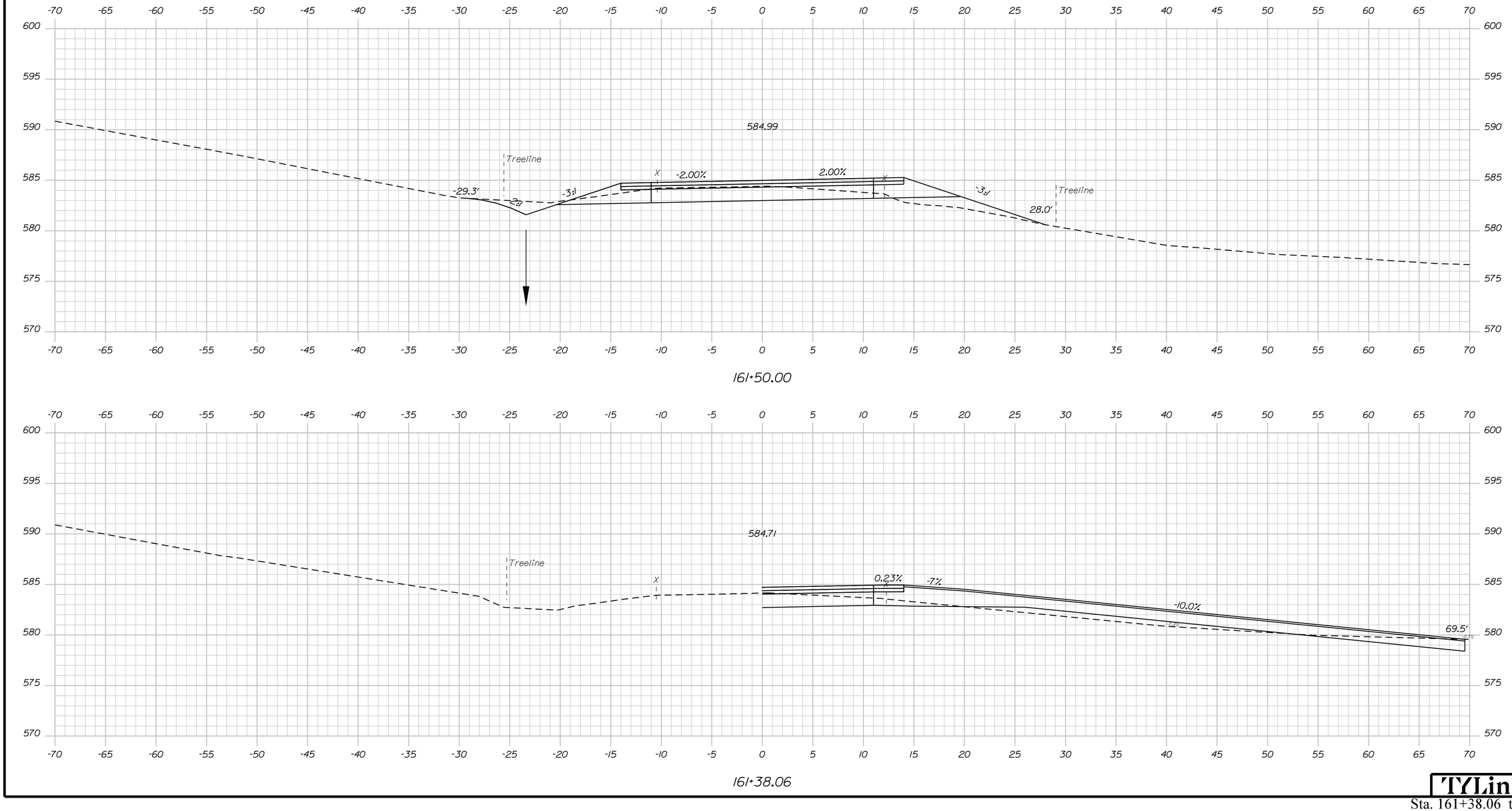
SHEET NUMBER

105

OF 173

TYLin

Sta. 161+00.00 to Sta. 161+00.00



Sta. 161+38.06 to Sta. 161+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	3/2016	
CHECKED-REVIEWED	H. COWAN	3/2016	
DESIGN2-DETAILED2	ED2		
DESIGN3-DETAILED3	ED3		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

BY

DATE

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

106

OF 173

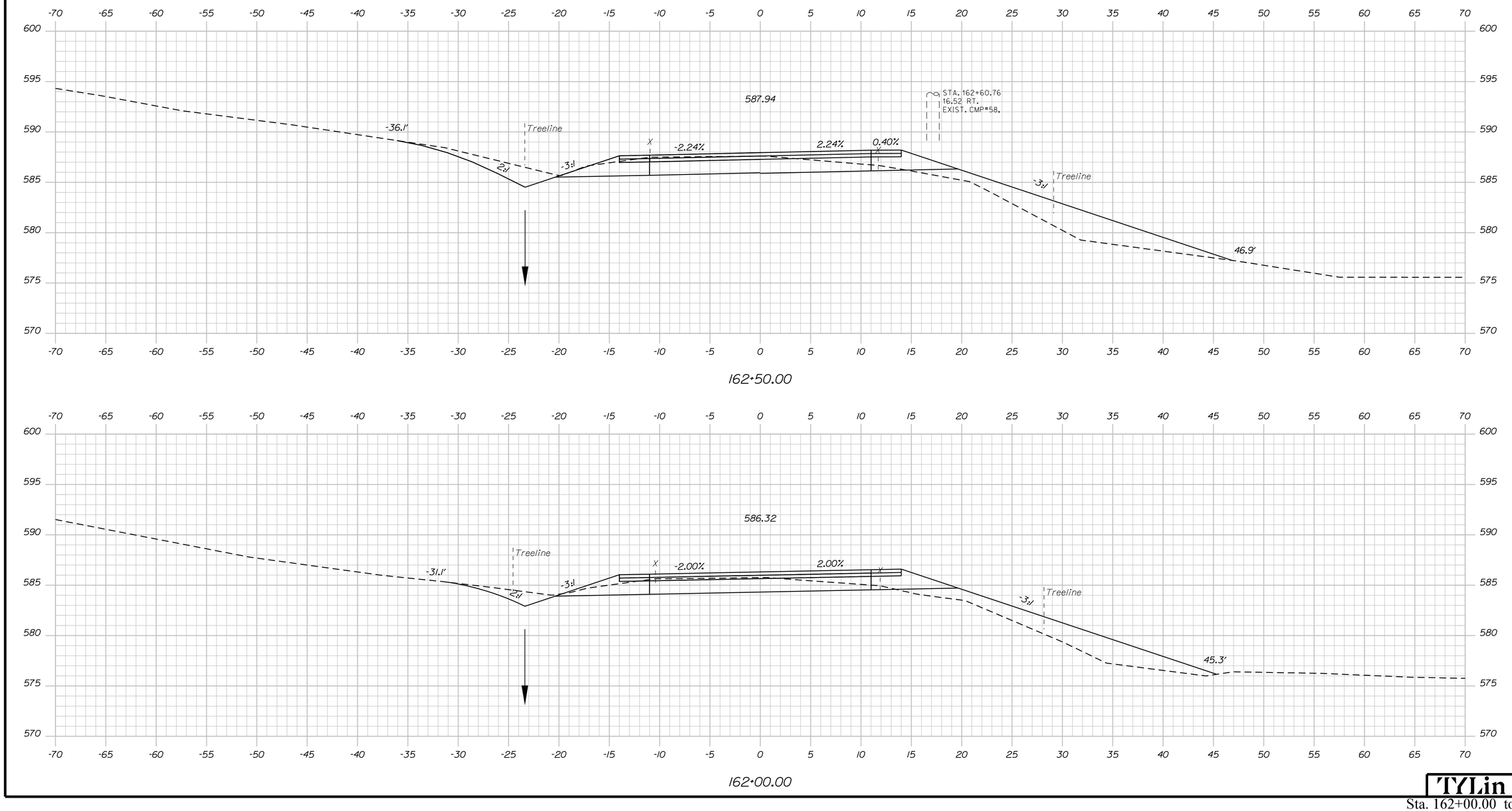
TYLin

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Sta. 162+00.00 to Sta. 162+50.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

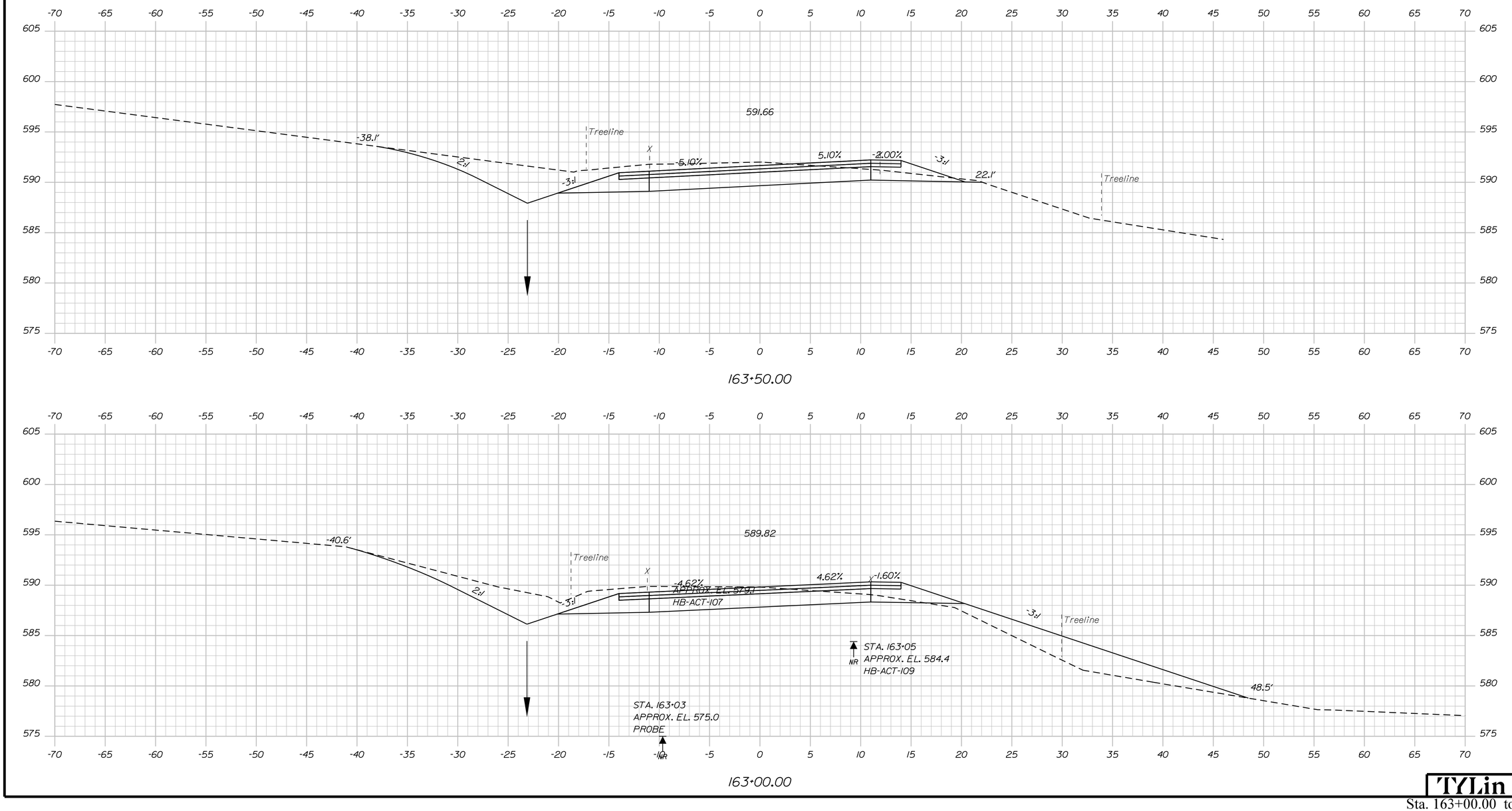
CROSS SECTIONS

SHEET NUMBER

107

OF 173

TYLin



Sta. 163+00.00 to Sta. 163+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

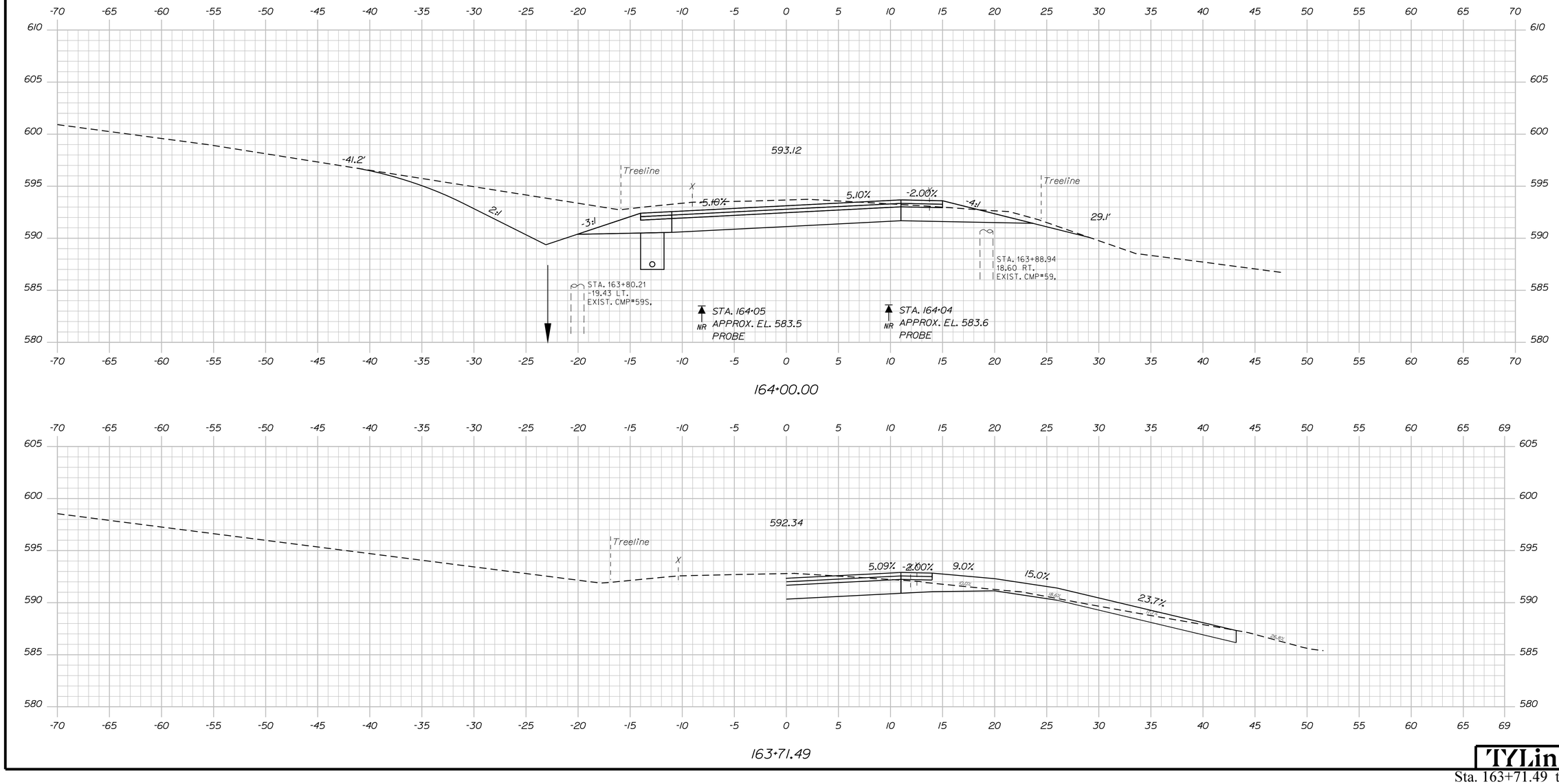
ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER
108
OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



Sta. 163+71.49 to Sta. 164+00.00

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

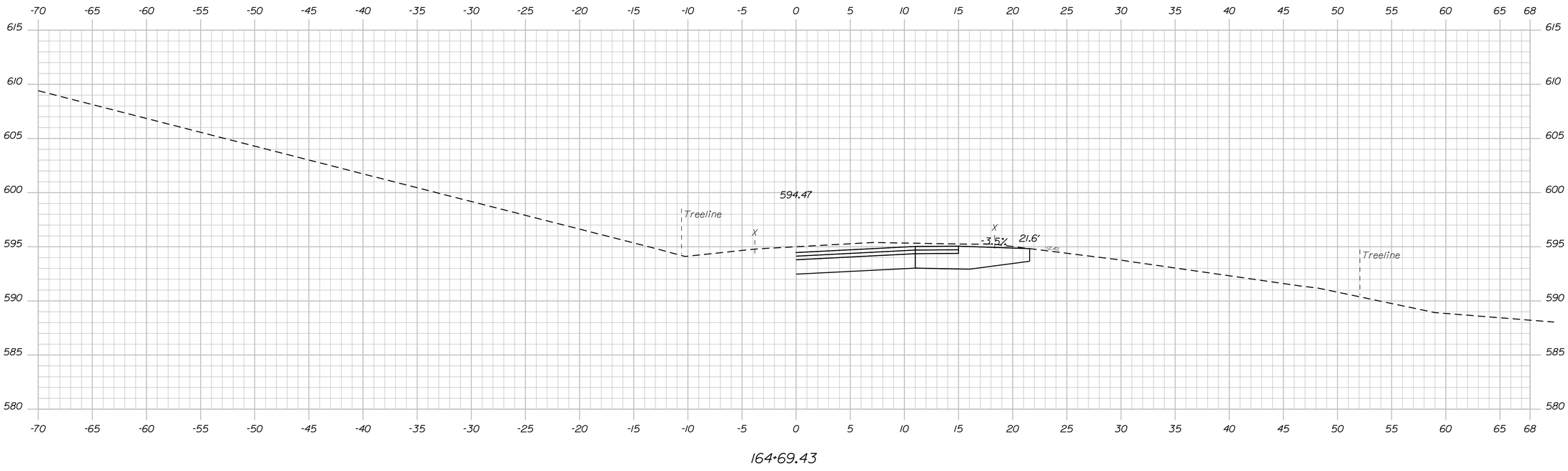
CROSS SECTIONS

SHEET NUMBER

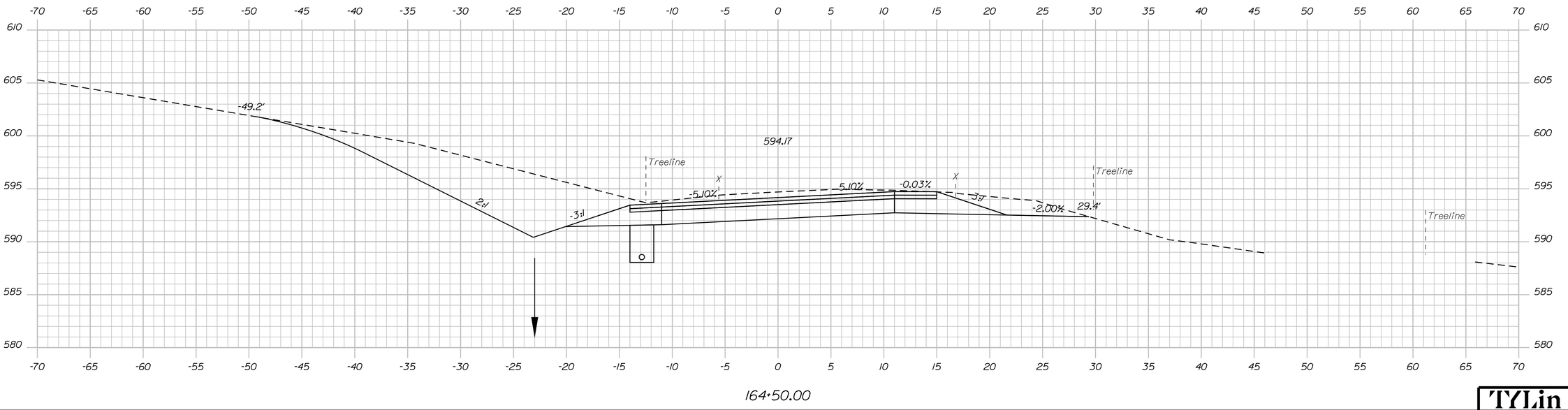
109

OF 173

TYLin



164+69.43



164+50.00

Sta. 164+50.00 to Sta. 164+69.43

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

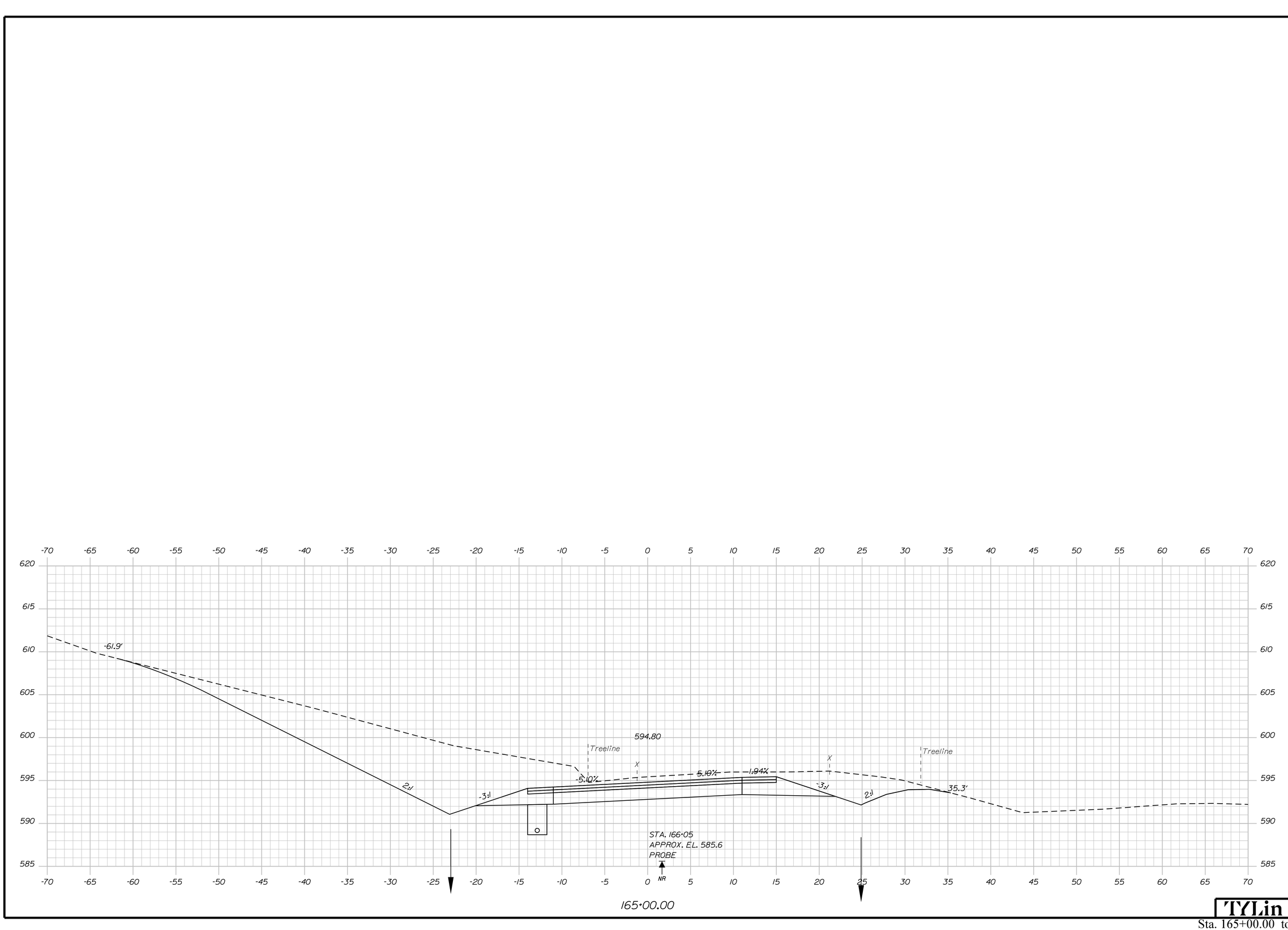
110

OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



PROJ. MANAGER	R. BETZ	BY	DATE
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SIGNATURE

P.E. NUMBER

DATE

STP-2026(700)

WIN
20267.00
HIGHWAY PLANS

ACTON
ROUTE 109

CROSS SECTIONS

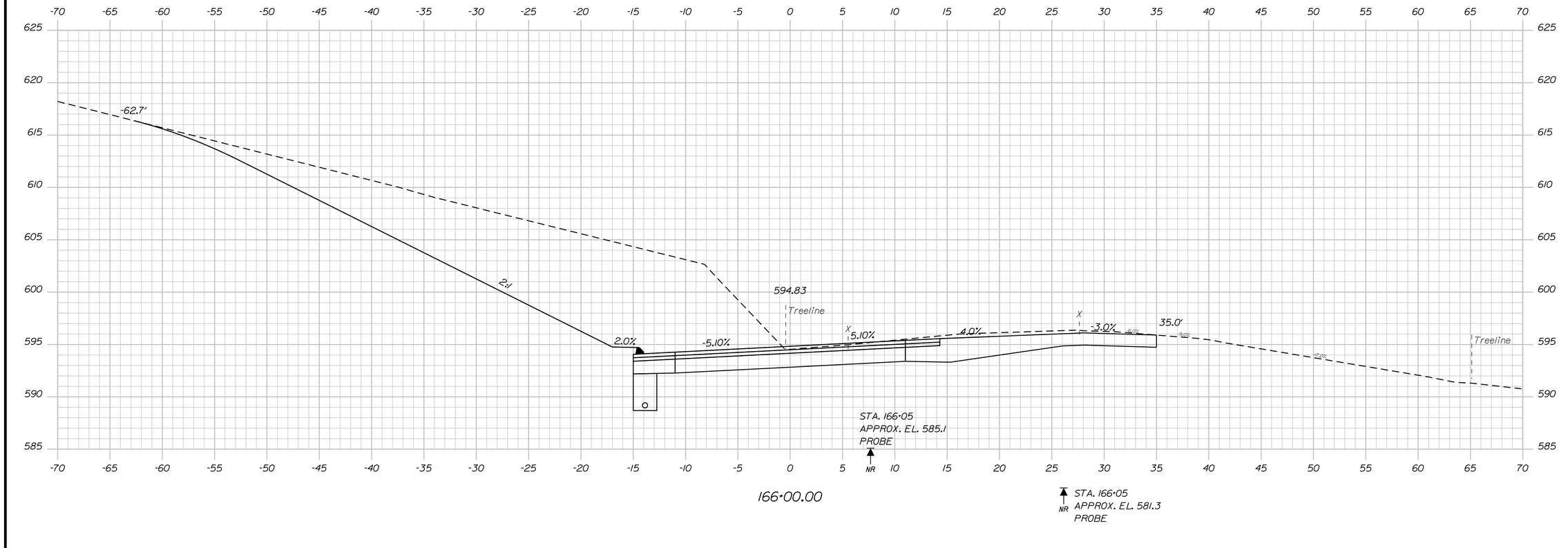
SHEET NUMBER

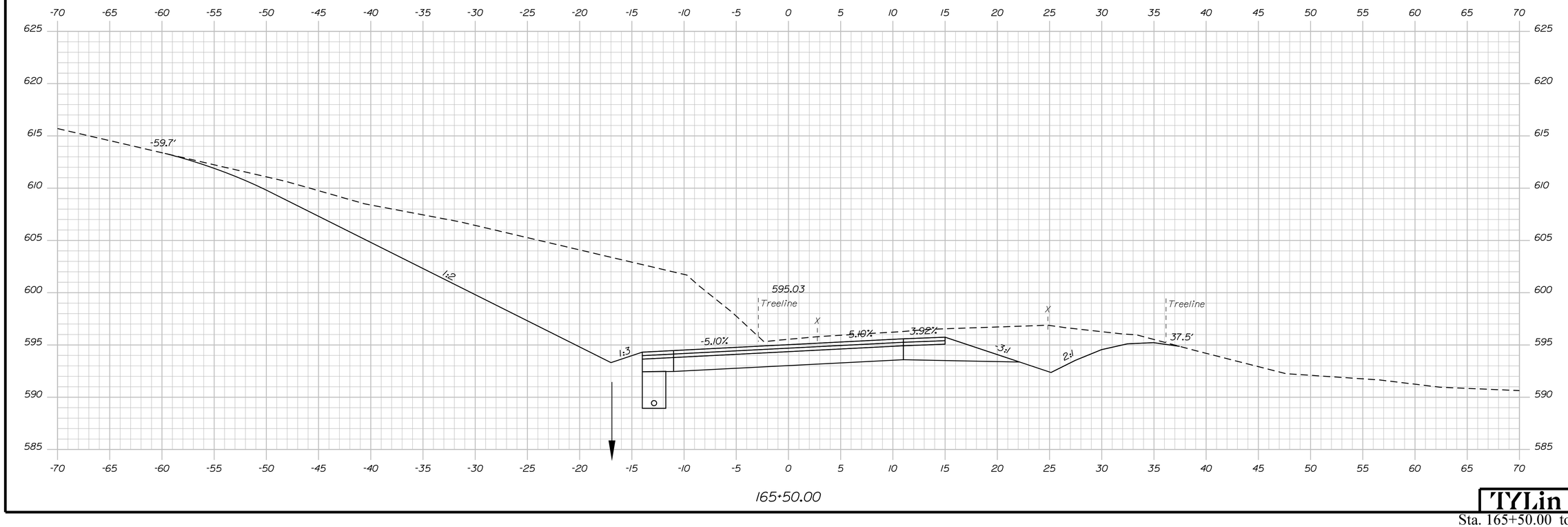
111

OF 173

TYLin

Sta. 165+00.00 to Sta. 165+00.00





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

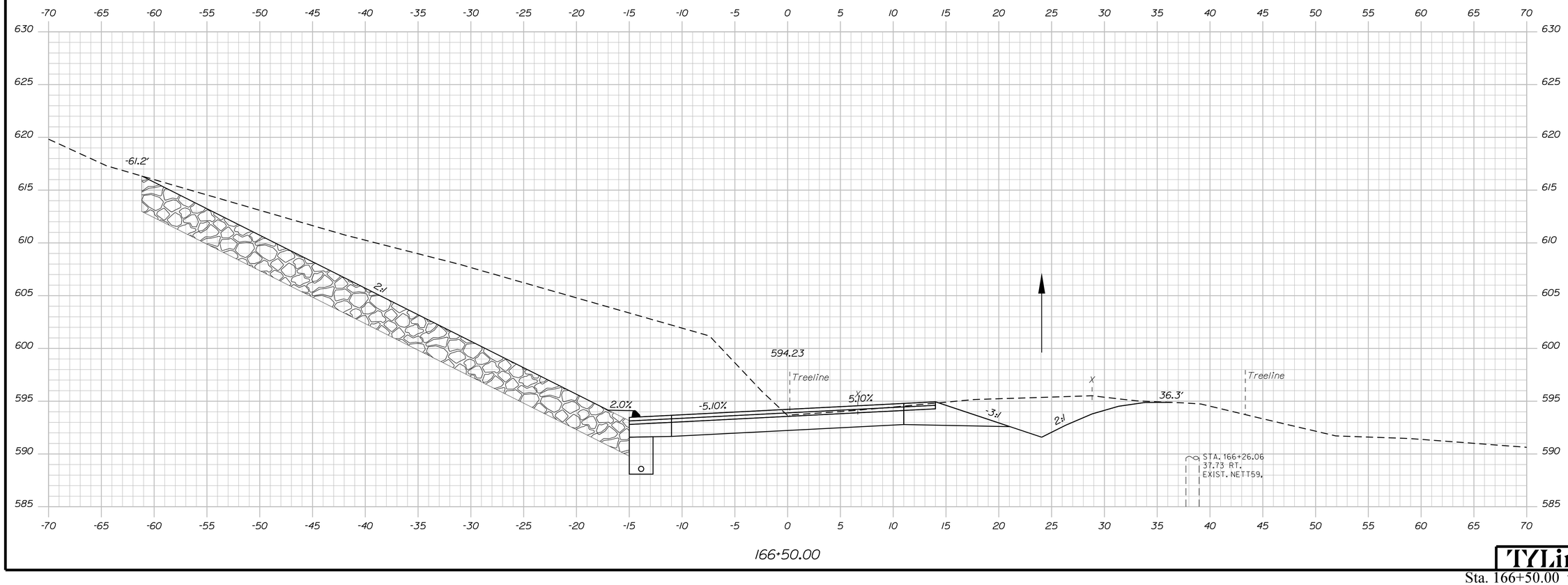
SHEET NUMBER
112
OF 173

TYLin

Sta. 165+50.00 to Sta. 166+00.00

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

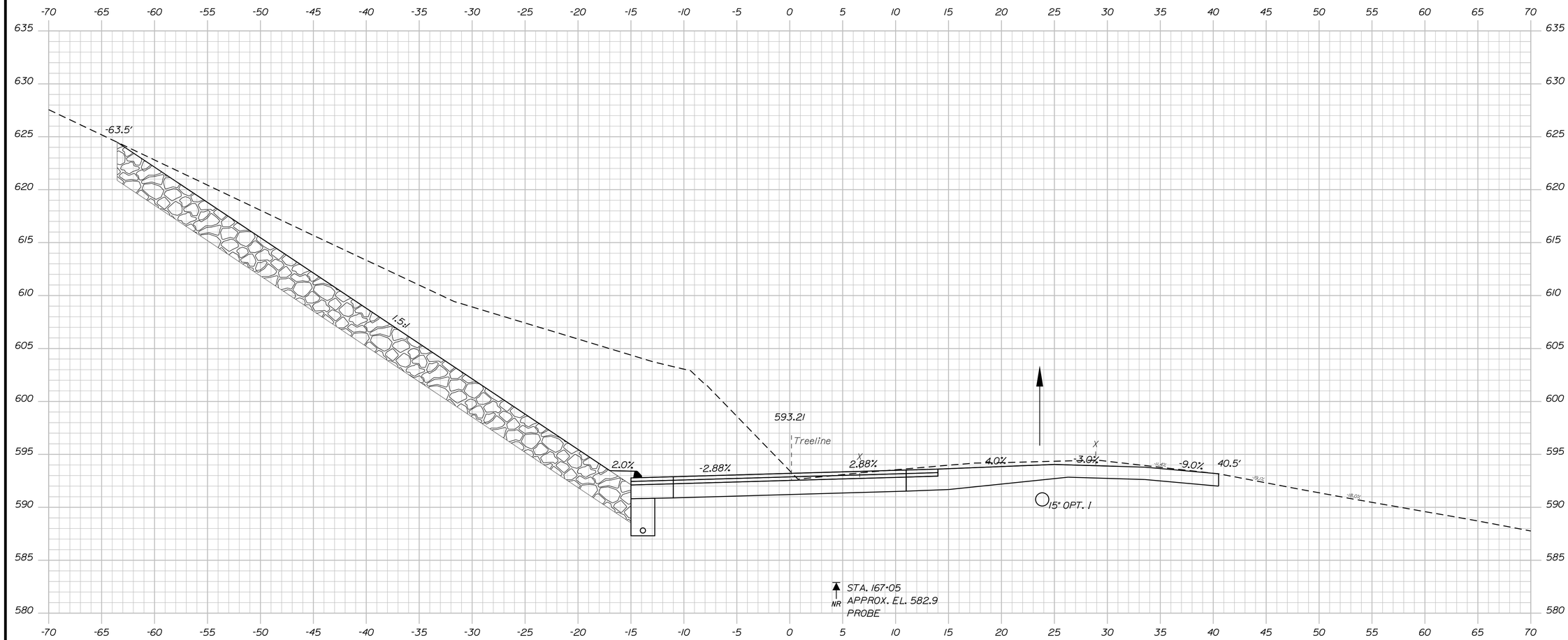
113

OF 173

TYLin

Sta. 166+50.00 to Sta. 166+50.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

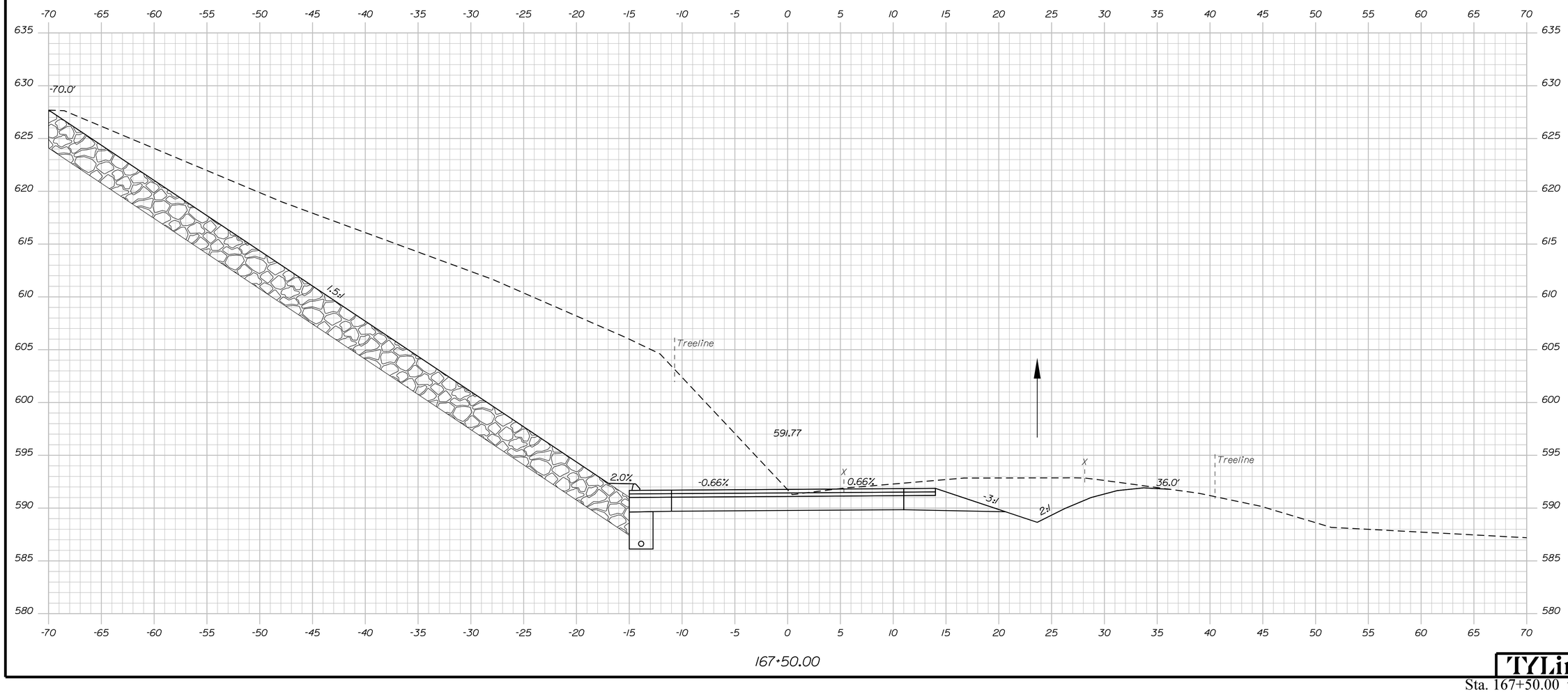
114

OF 173

TYLin

Sta. 167+00.00 to Sta. 167+00.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

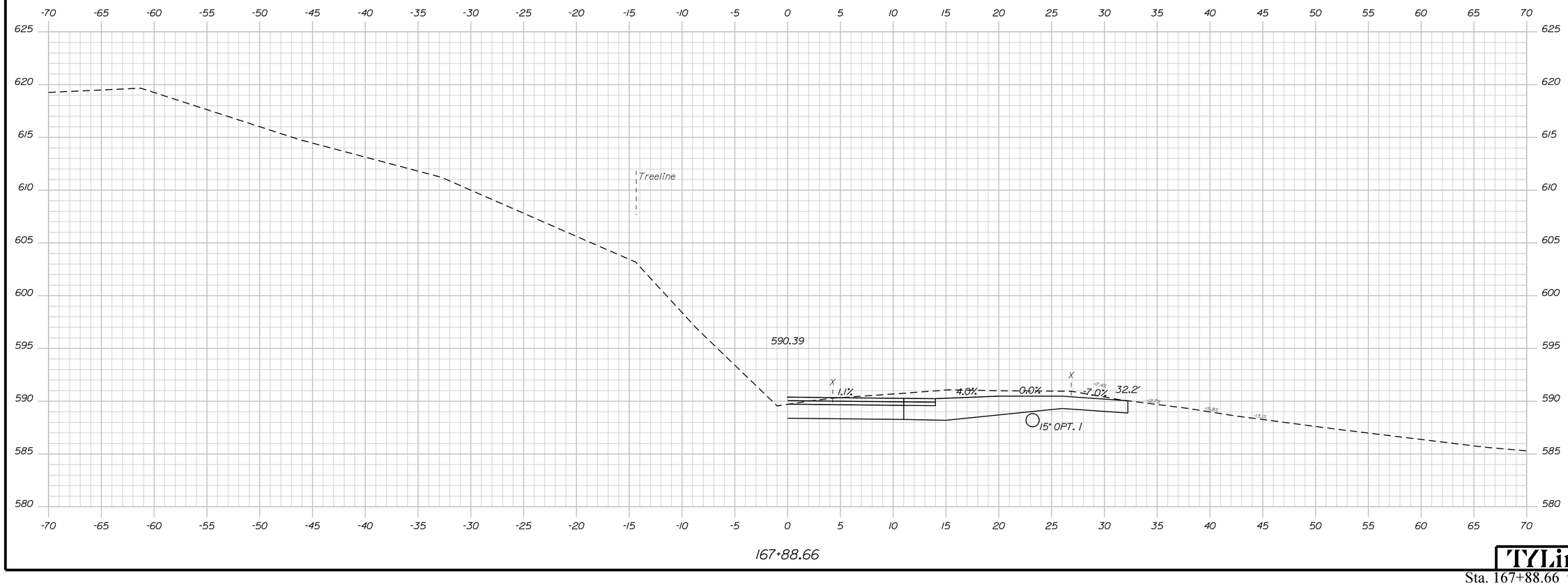
115

OF 173

TYLin

Sta. 167+50.00 to Sta. 167+50.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



PROJ. MANAGER	R. BETZ	BY	DATE
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SIGNATURE

P.E. NUMBER

DATE

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

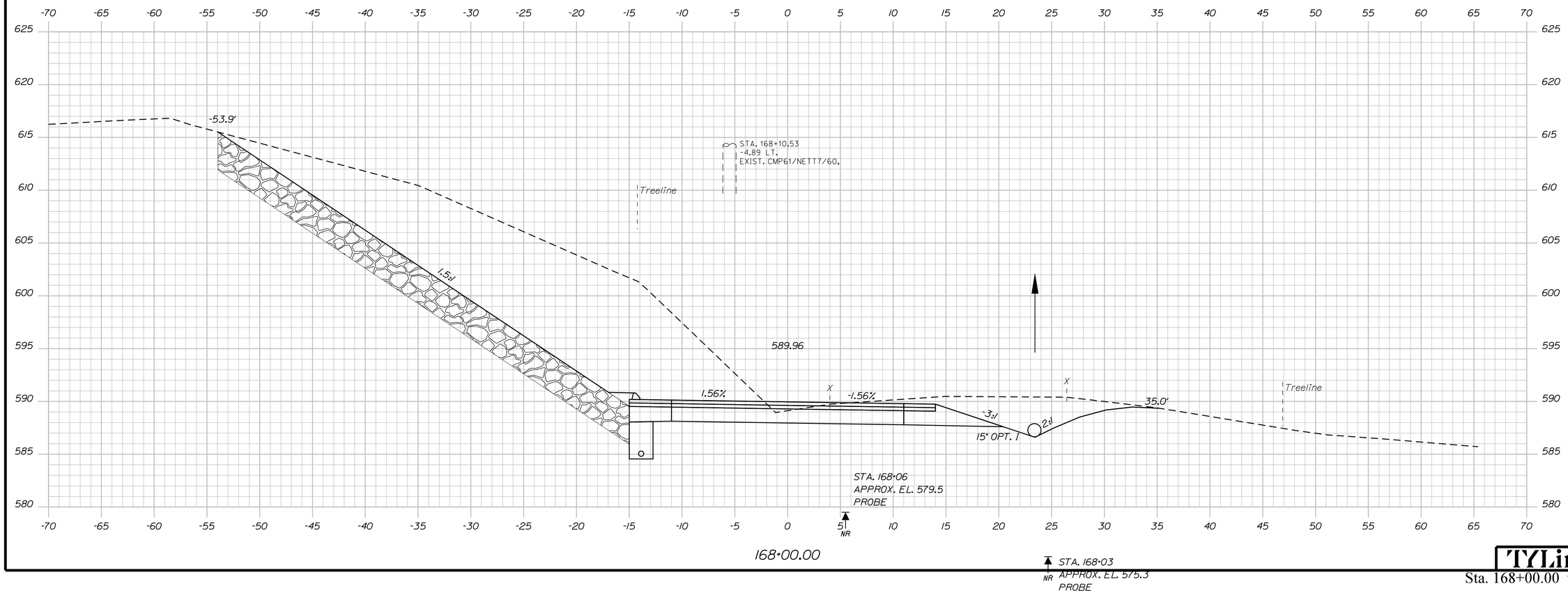
116

OF 173

TYLin

Sta. 167+88.66 to Sta. 167+88.66

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

ACTON
ROUTE 109

CROSS SECTIONS

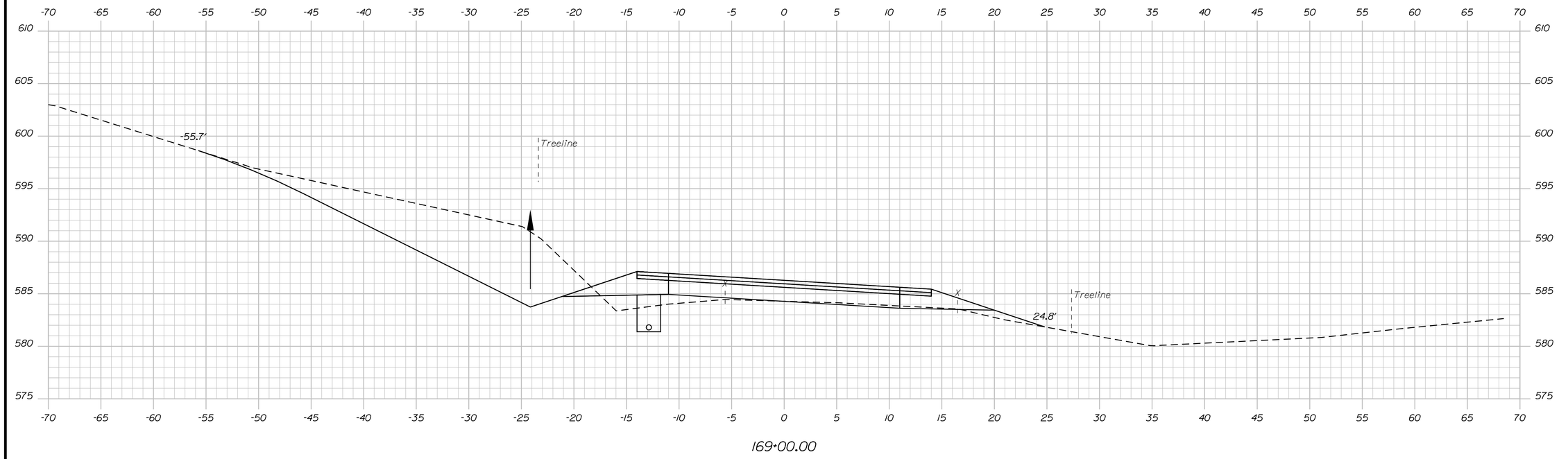
SHEET NUMBER

117

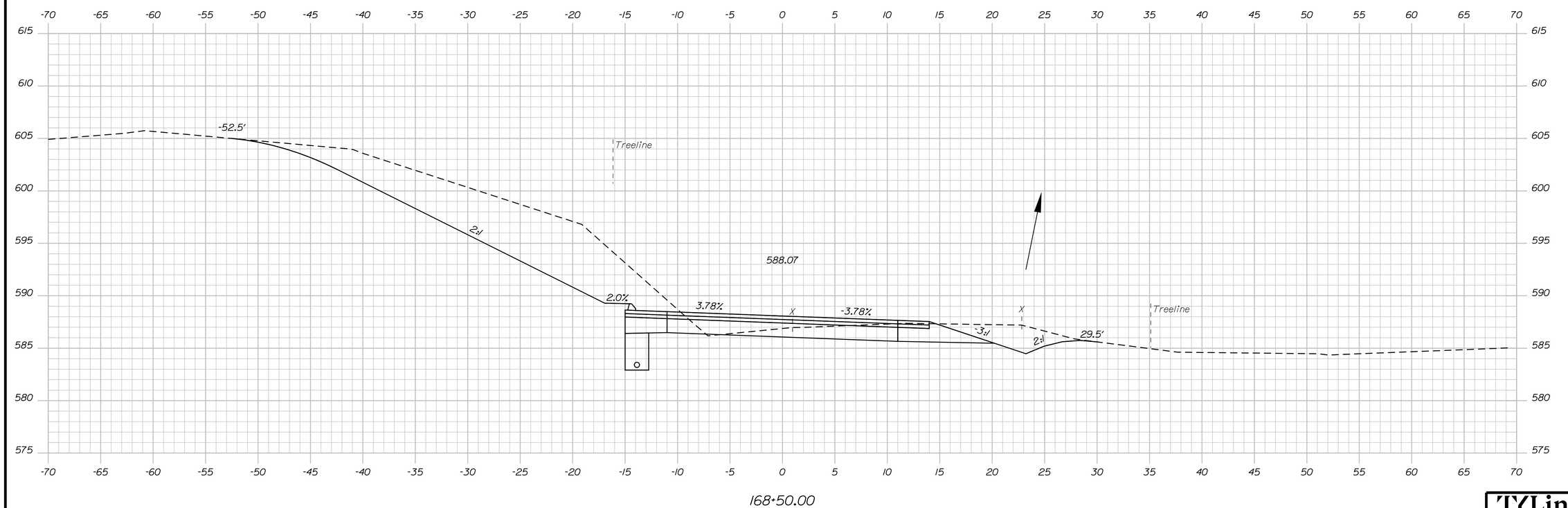
OF 173

TYLin

Sta. 168+00.00 to Sta. 168+00.00



Sta. 169+00.00 to Sta. 169+00.00



Sta. 168+50.00 to Sta. 169+00.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
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FIELD CHANGES		

ACTON
ROUTE 109

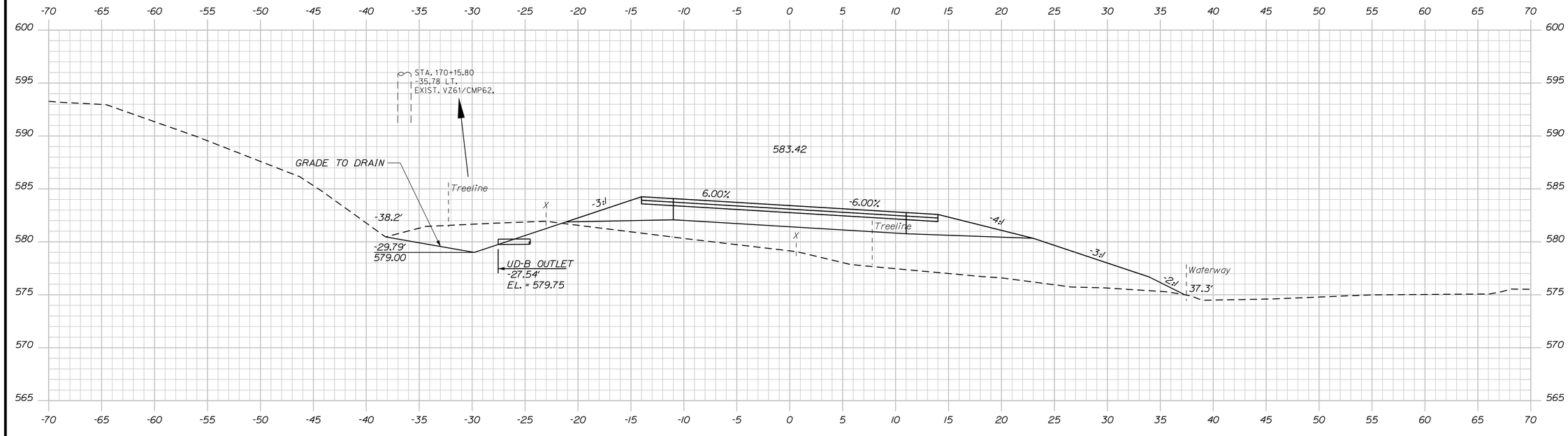
CROSS SECTIONS

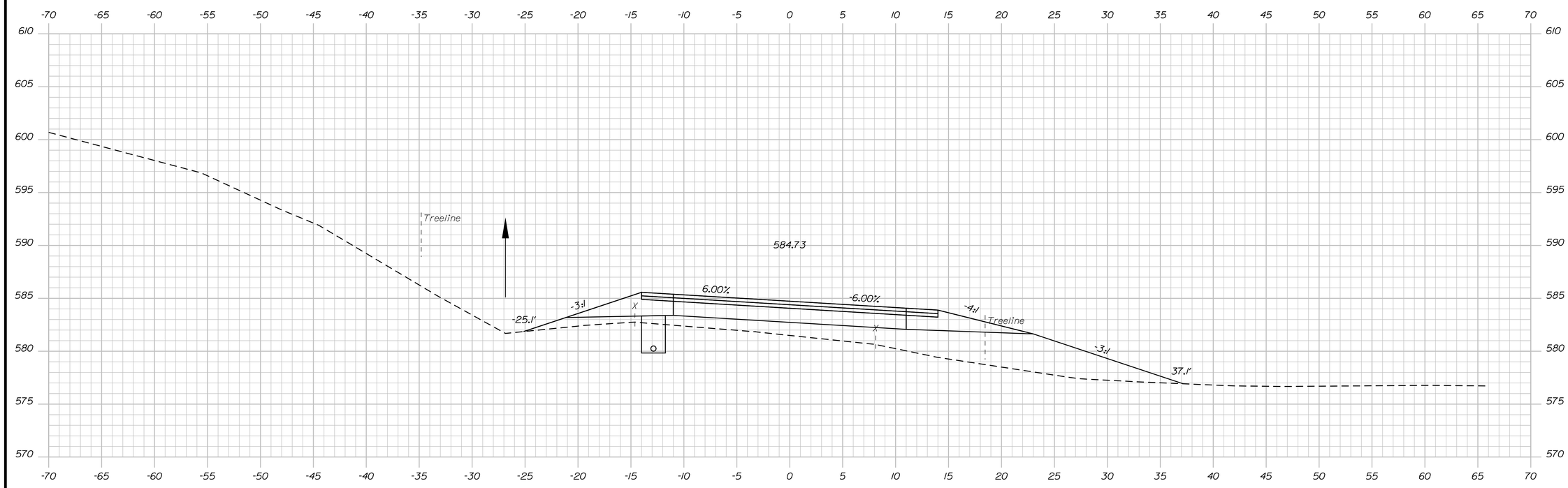
SHEET NUMBER

118

OF 173

TYLin





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Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	3/2016
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

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DATE

ACTON
ROUTE 109

CROSS SECTIONS

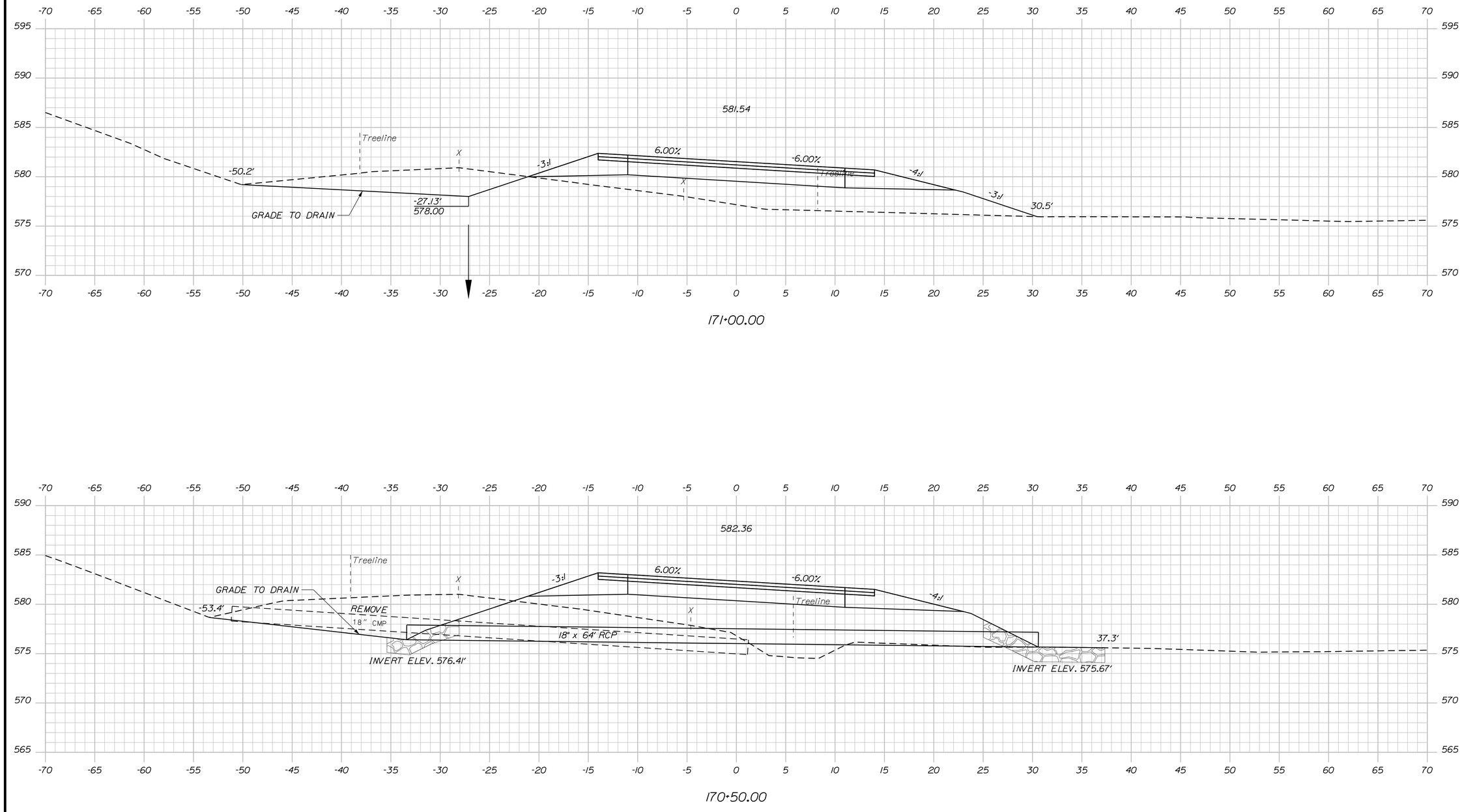
SHEET NUMBER

119

OF 173

TYLin

Sta. 169+50.00 to Sta. 170+00.00



Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

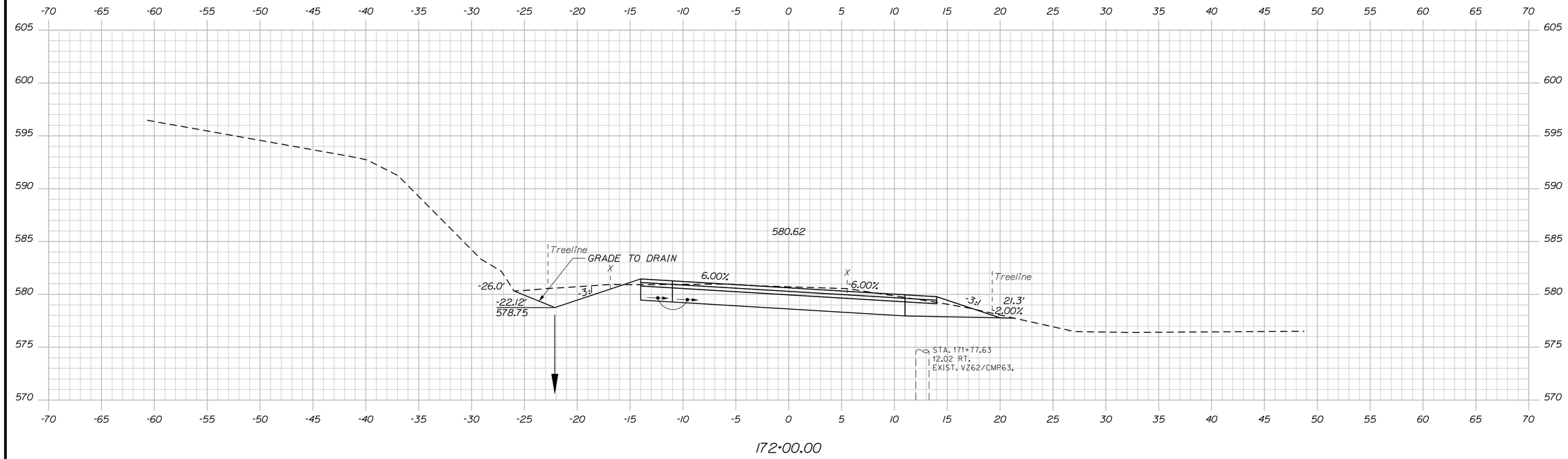
SHEET NUMBER

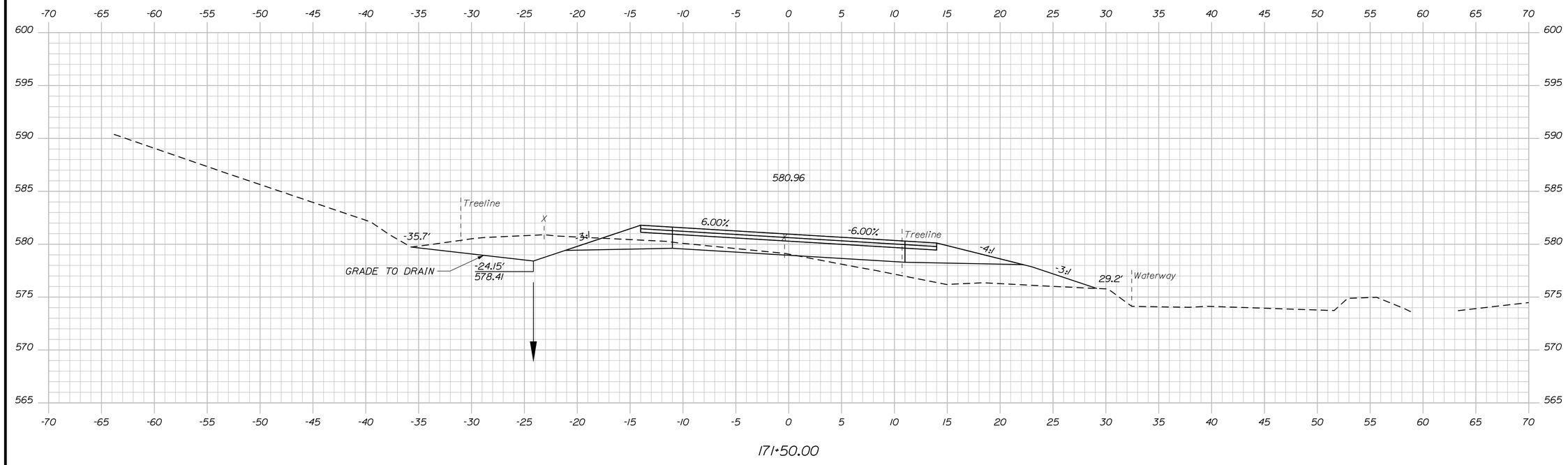
120

OF 173

TYLin

Sta. 170+50.00 to Sta. 171+00.00





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

121

OF 173

TYLin

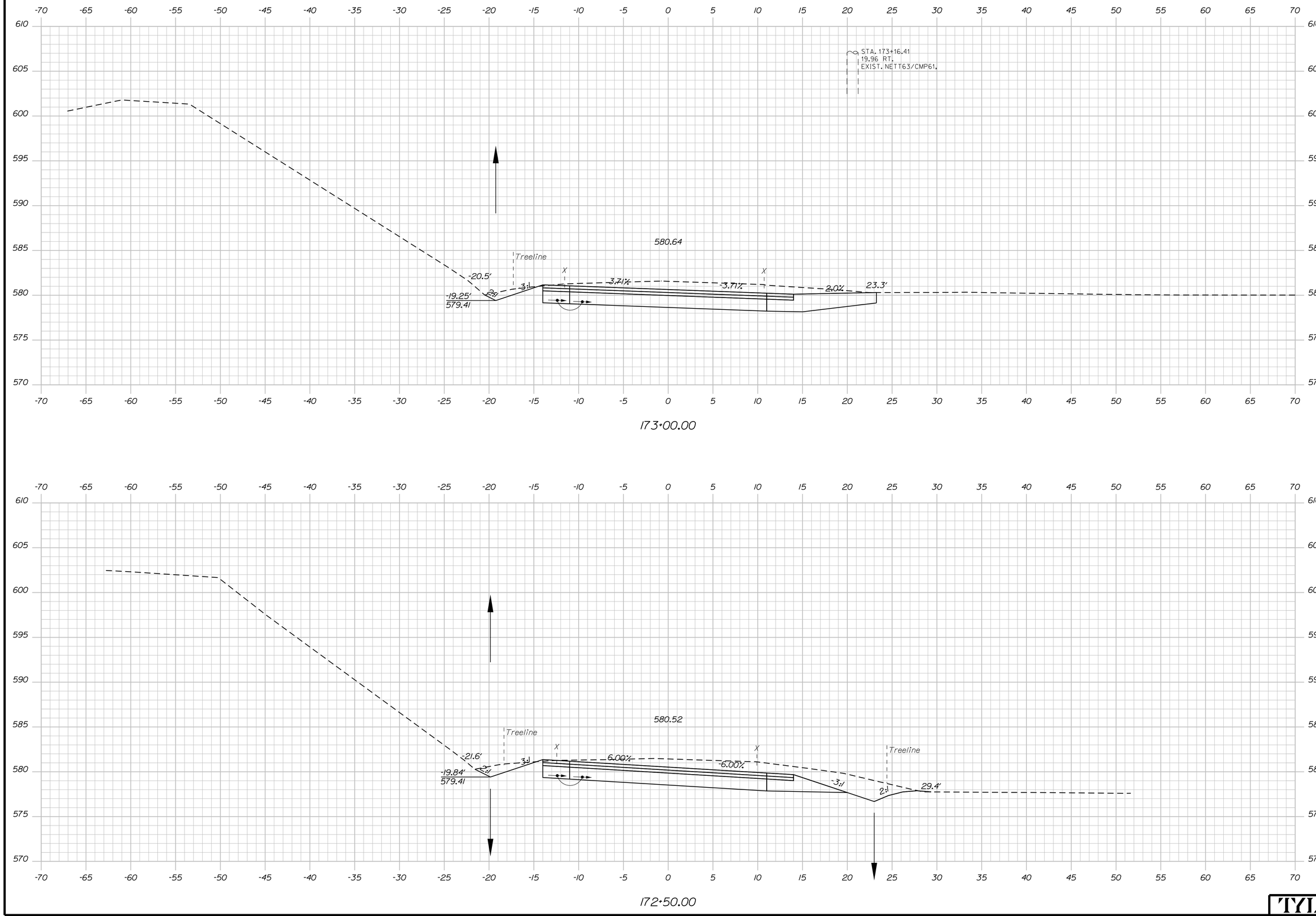
Sta. 171+50.00 to Sta. 172+00.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

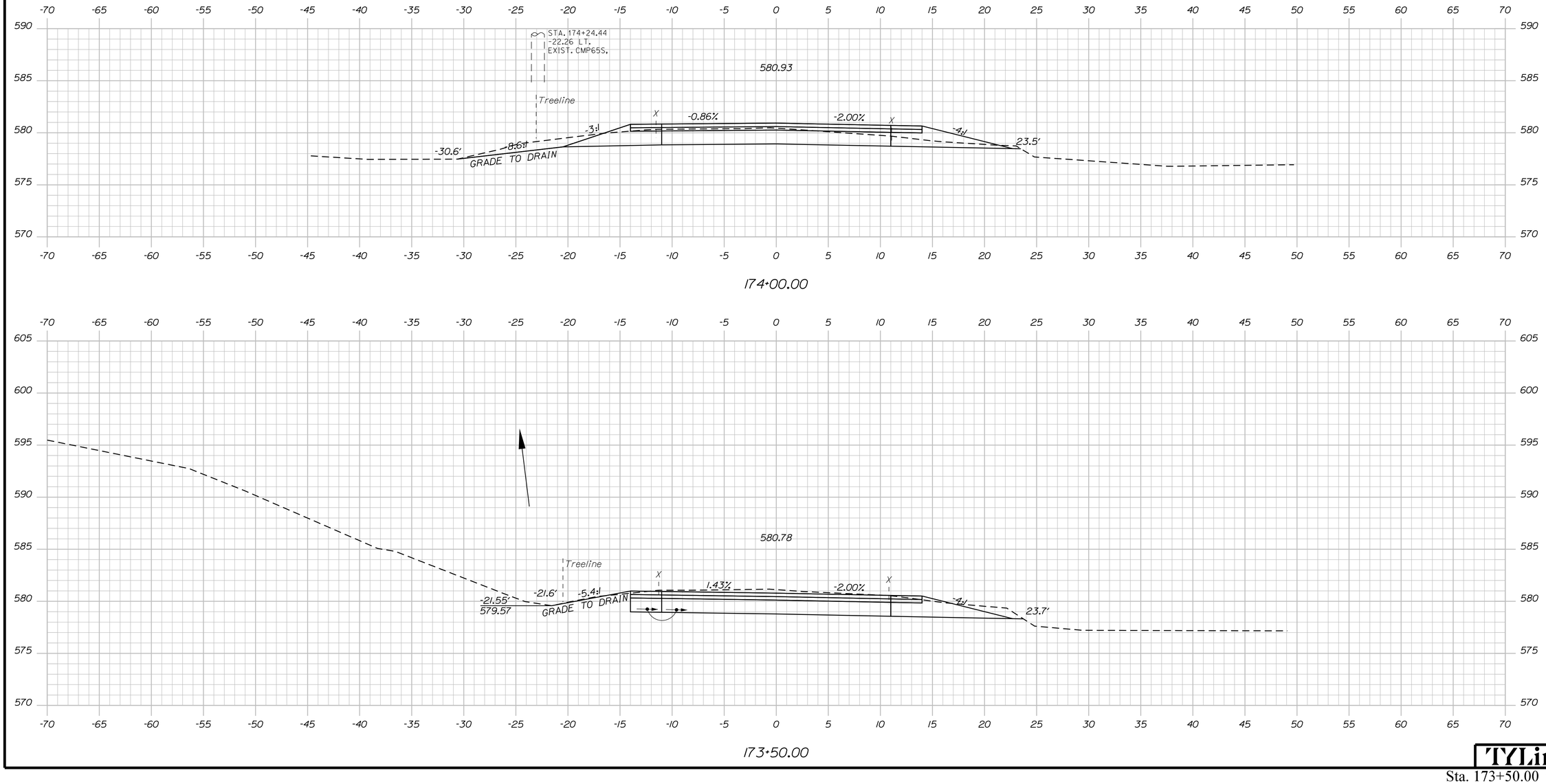
122

OF 173

TYLin

Sta. 172+50.00 to Sta. 173+00.00

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

BY / DATE

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

123

OF 173

TYLin

Sta. 173+50.00 to Sta. 174+00.00

Date:8/16/2024 Username: Division: HIGHWAY Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

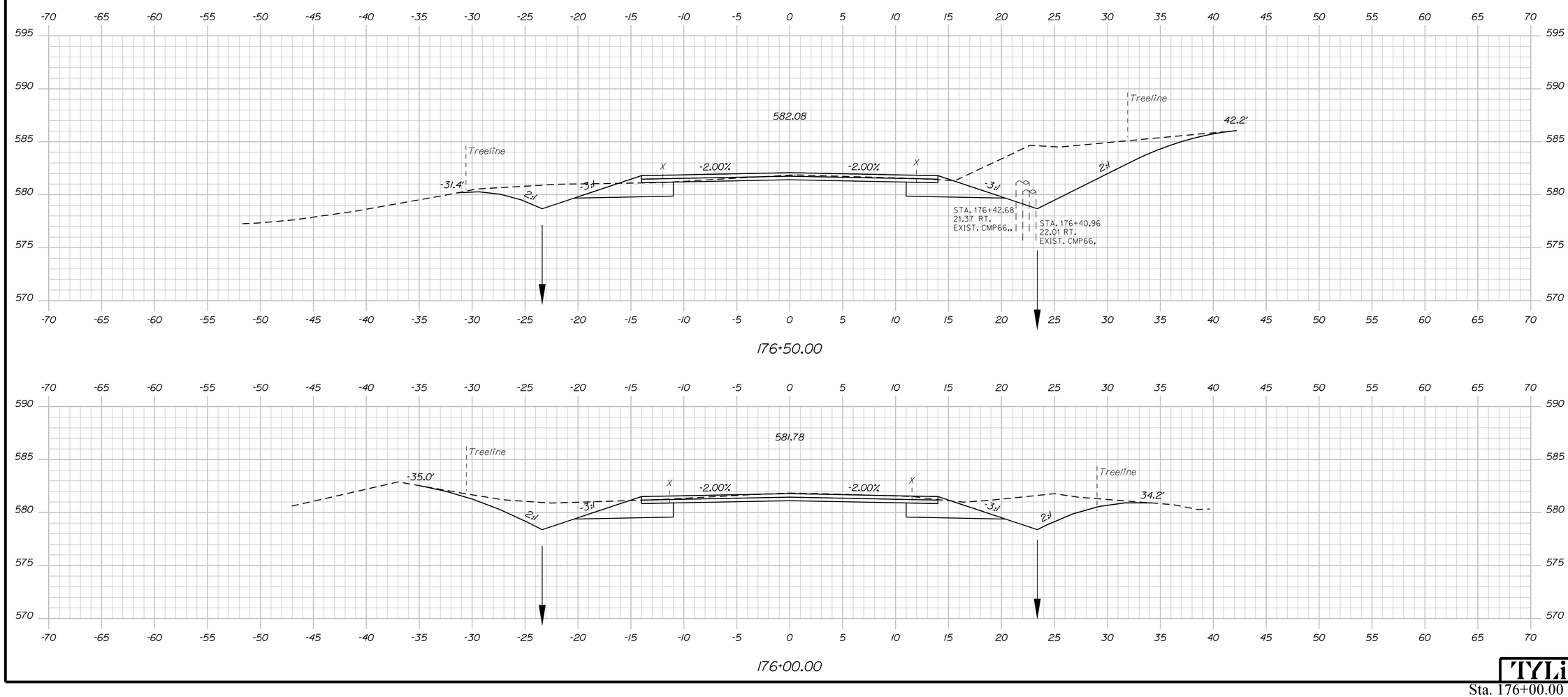
SHEET NUMBER

124

OF 173

TYLin

Sta. 174+50.00 to Sta. 175+50.00



Sta. 176+00.00 to Sta. 176+50.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

125

OF 173

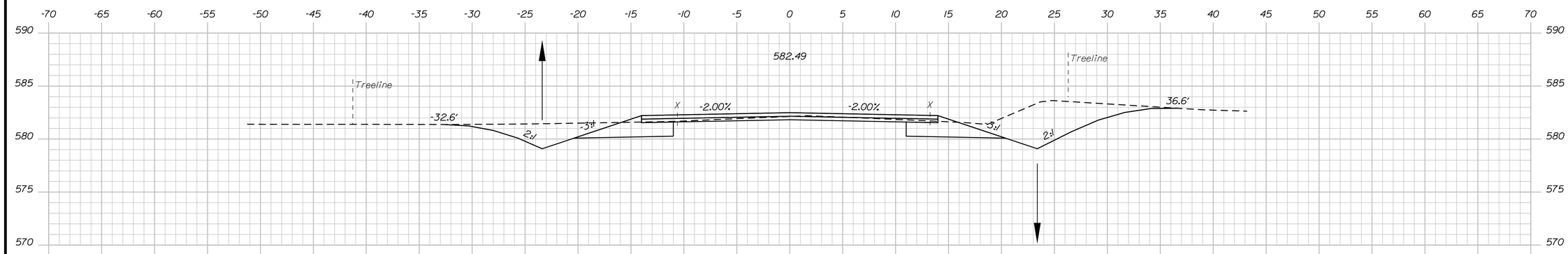
TYLin

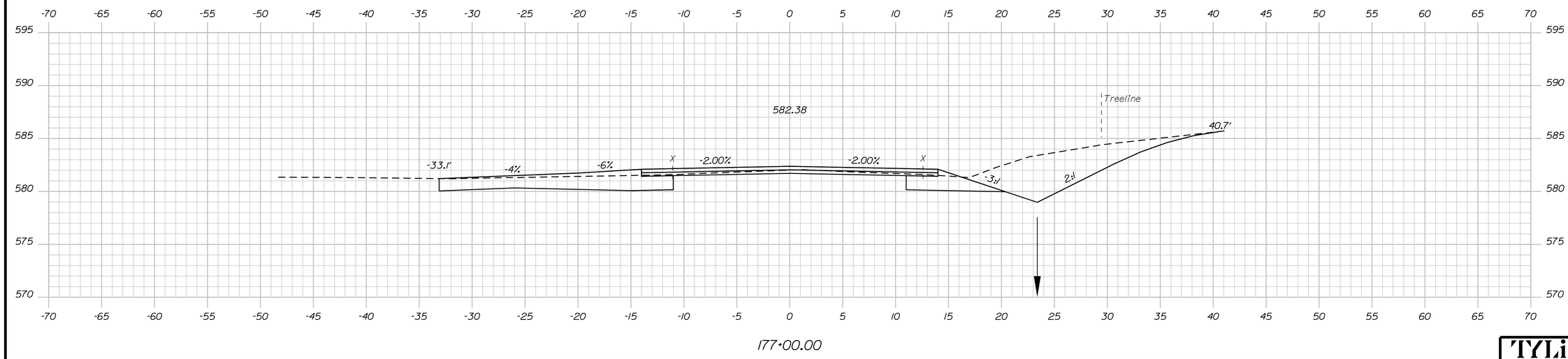
Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE			
P.E. NUMBER			
DATE			

			DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	T. KELLEY	H. COWAN	3/2016
DESIGN2-DETAILED2	H. COWAN		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

126

OF 173

TYLin

Sta. 177+00.00 to Sta. 177+50.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

PROJ. MANAGER	R. BETZ
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BY	DATE
T. KELLEY	3/2016
H. COWAN	3/2016

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

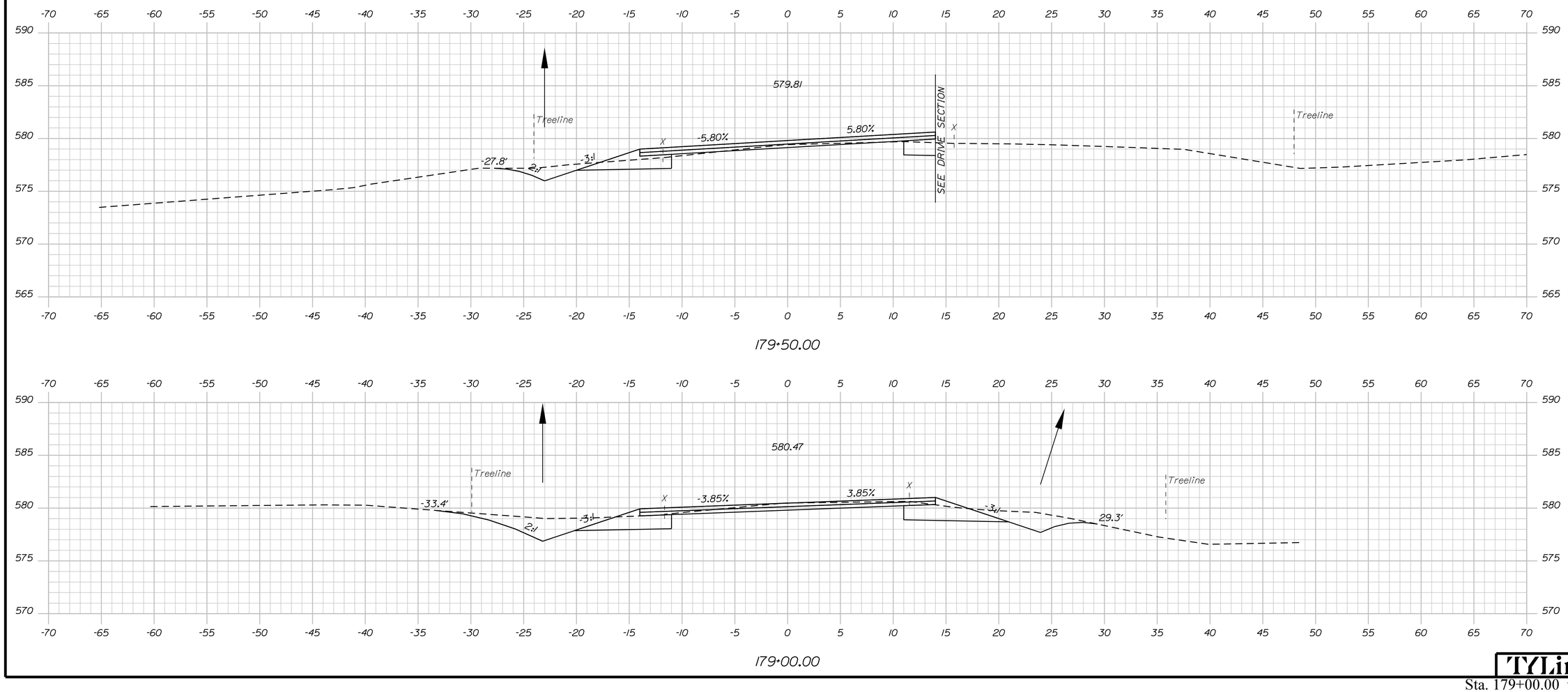
127

OF 173

TYLin

Sta. 178+00.00 to Sta. 178+85.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE DEPARTMENT OF TRANSPORTATION	STP-2026(700)	WIN 20267.00 HIGHWAY PLANS

	BY	DATE
R. BETZ		
PROJ. MANAGER		
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

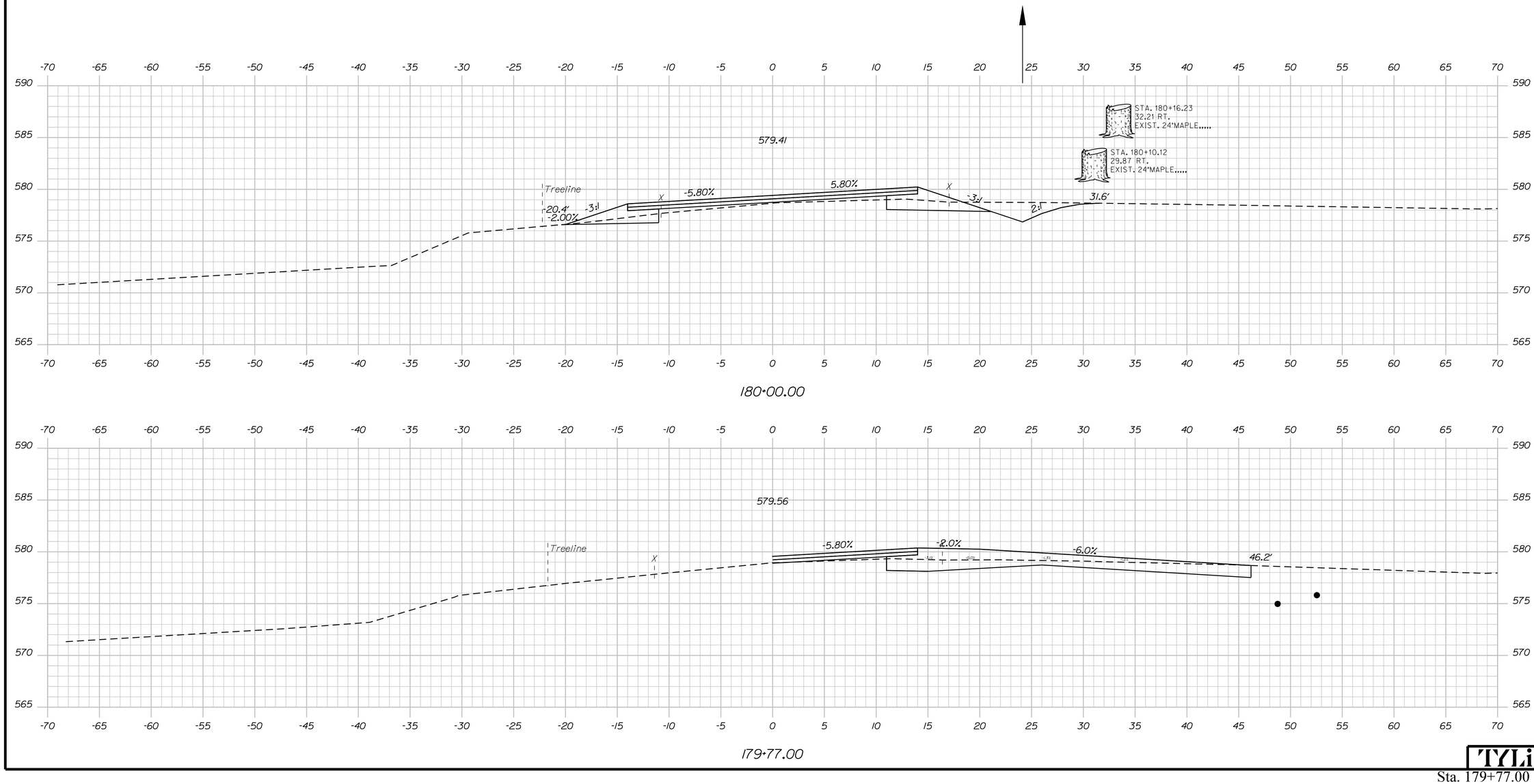
SHEET NUMBER

128

OF 173

TYLin

Sta. 179+00.00 to Sta. 179+50.00



Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

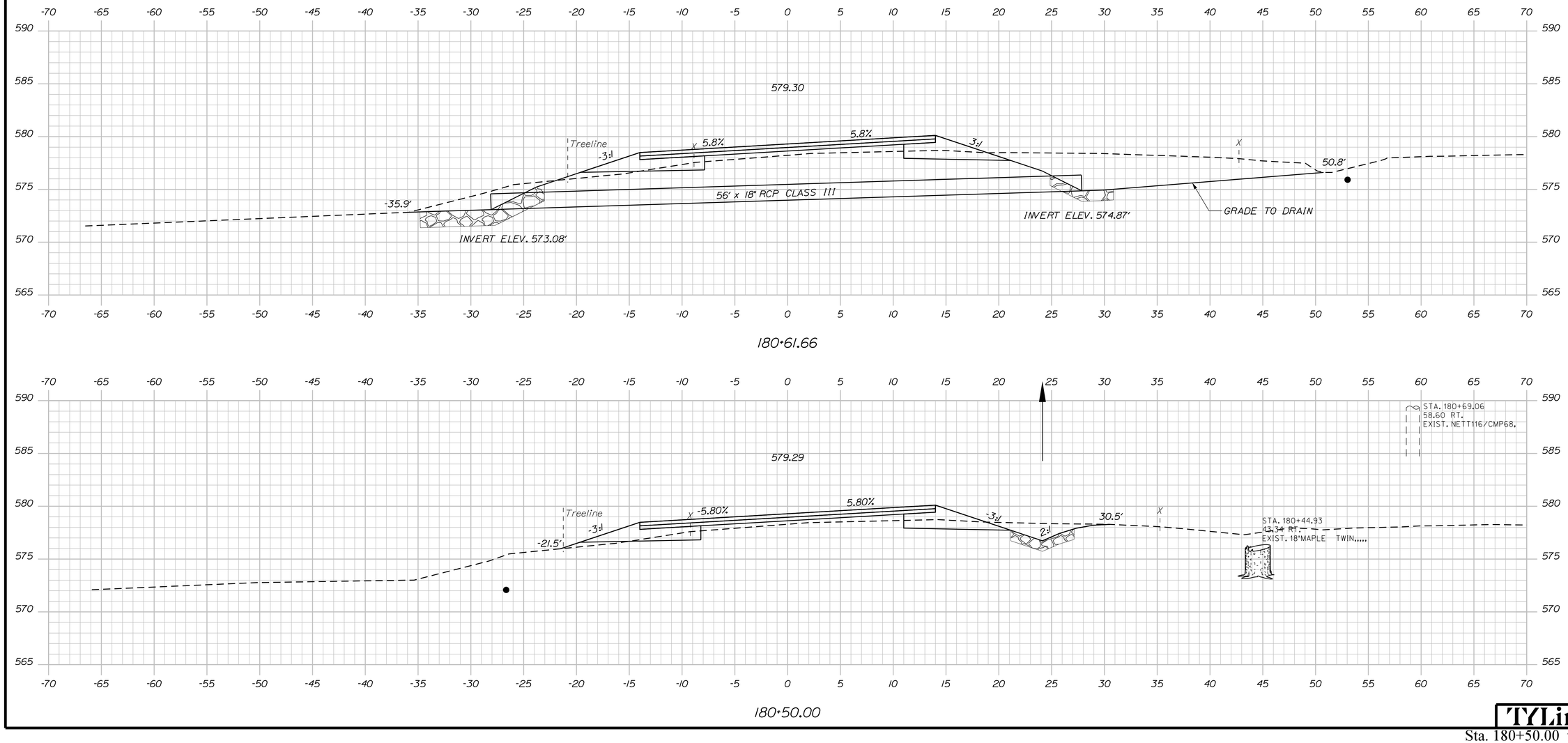
SHEET NUMBER

129

OF 173

TYLin

Sta. 179+77.00 to Sta. 180+00.00



Date:8/16/2024 Username: Division: HIGHWAY Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

	BY	DATE
R. BETZ		
PROJ. MANAGER	T. KELLEY	3/2016
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

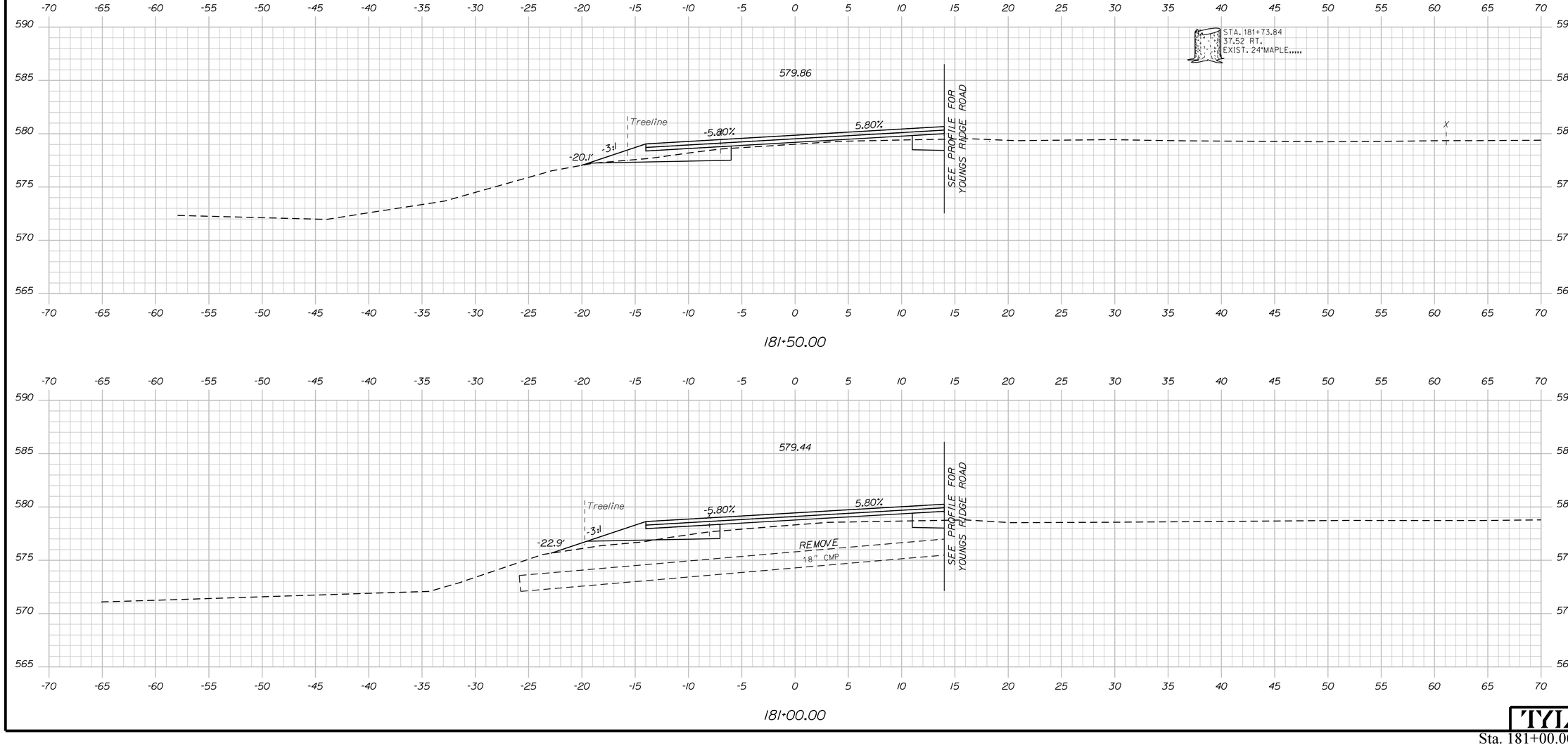
SHEET NUMBER

130

OF 173

TYLin

Sta. 180+50.00 to Sta. 180+61.66



Sta. 181+00.00 to Sta. 181+50.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

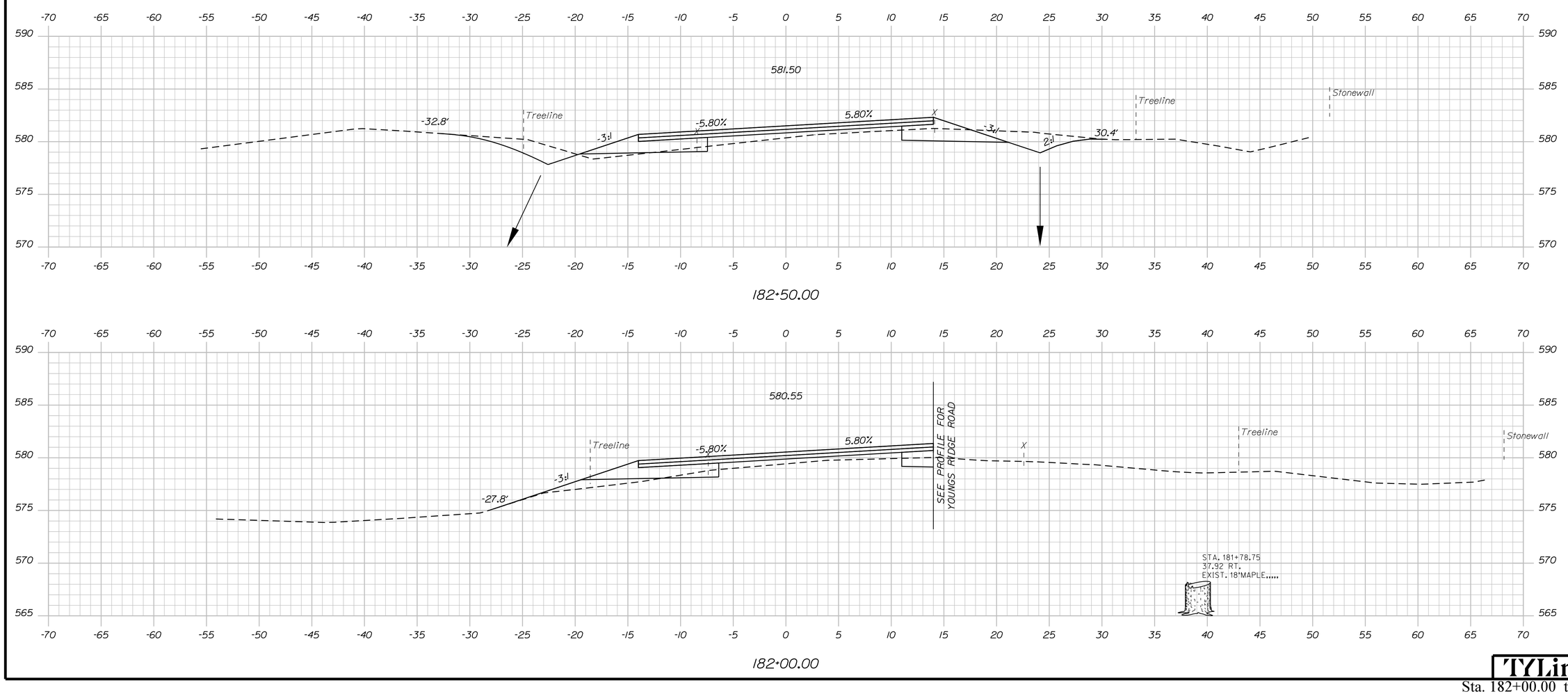
SHEET NUMBER

131

OF 173

TYLin

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Sta. 182+00.00 to Sta. 182+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

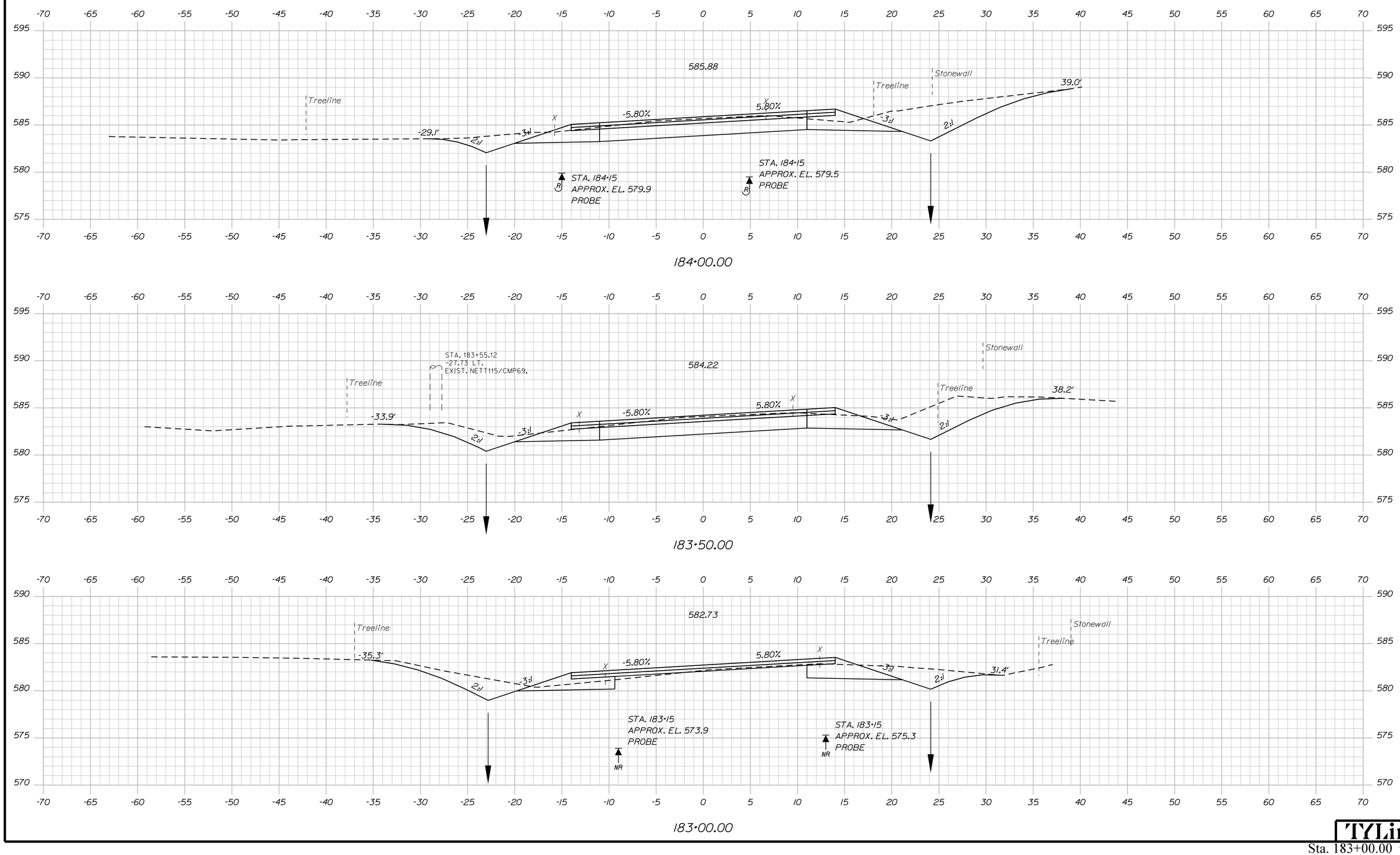
CROSS SECTIONS

SHEET NUMBER

132

OF 173

TYLin



Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username:

Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

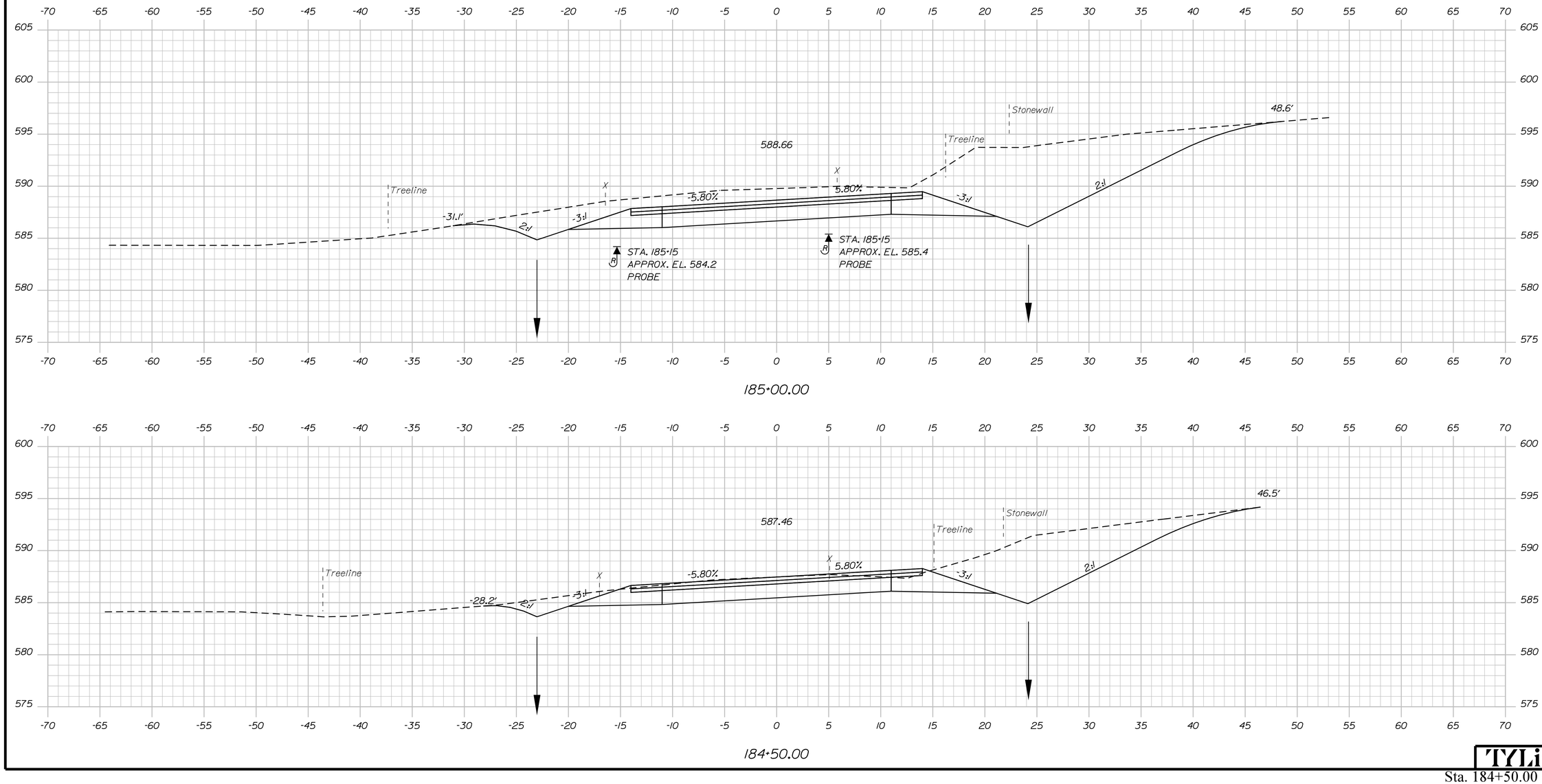
SHEET NUMBER

133

OF 173

TYLin

Sta. 183+00.00 to Sta. 184+00.00



Sta. 184+50.00 to Sta. 185+00.00

Date:8/16/2024 Username: Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BEITZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

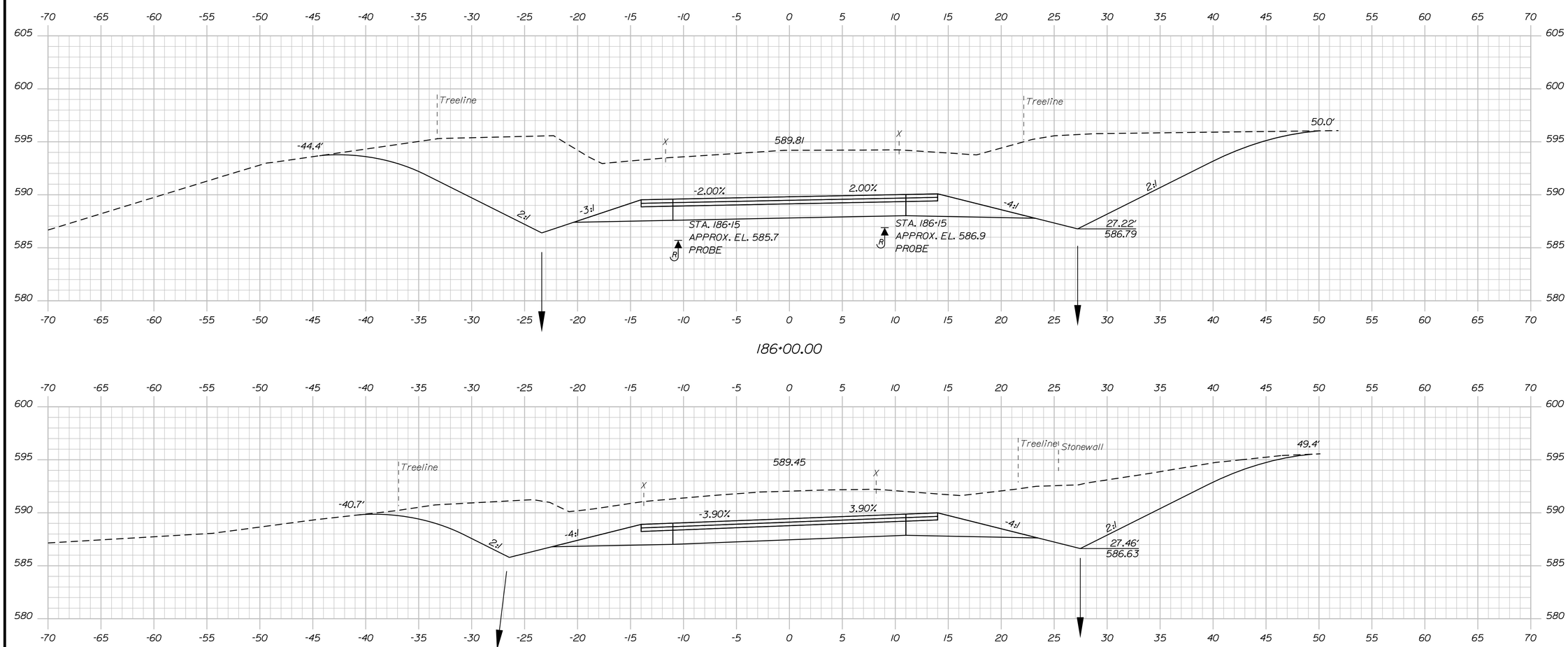
134

OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username:

Date:8/16/2024



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

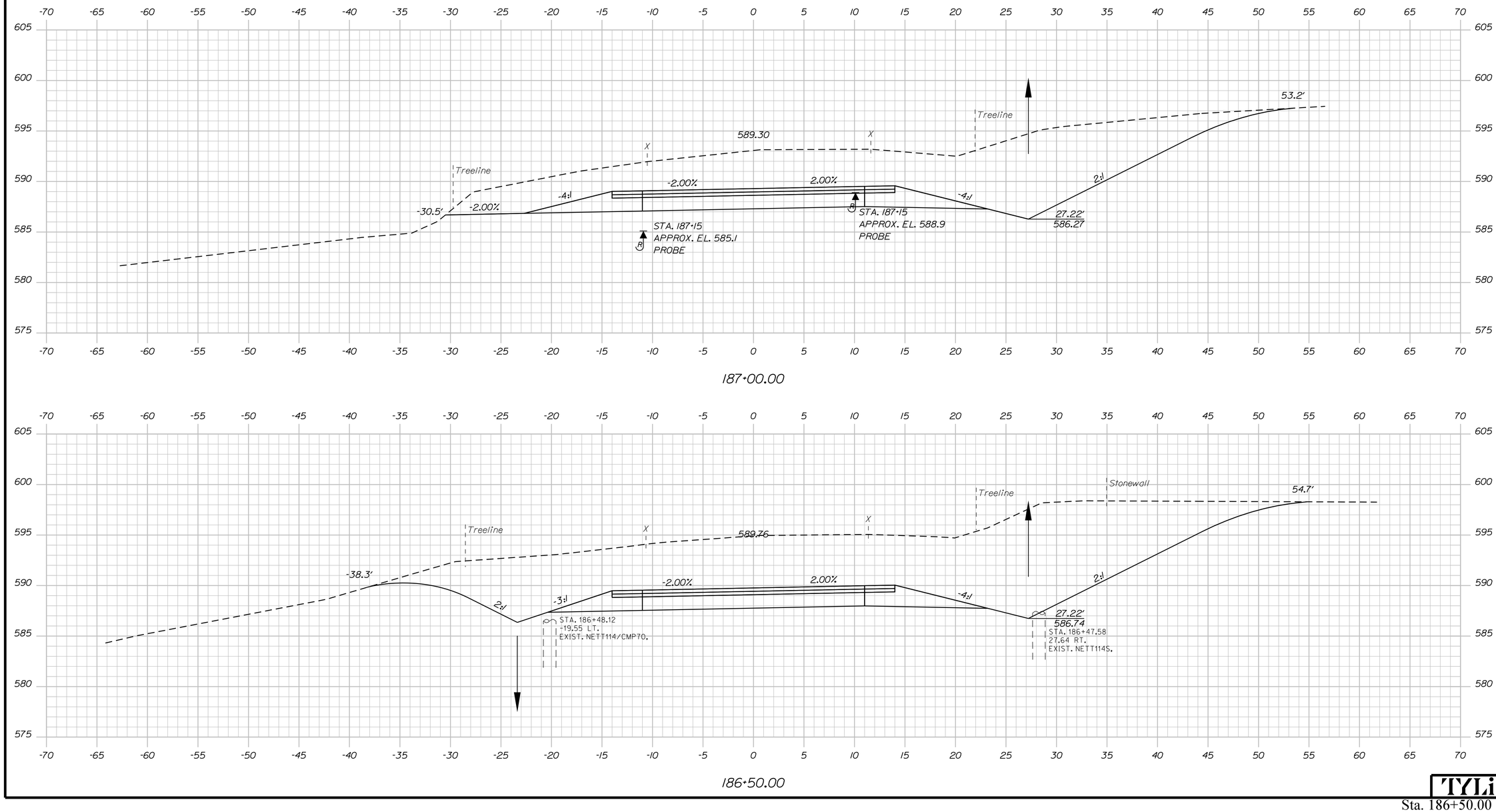
SHEET NUMBER

135

OF 173

TYLin

Sta. 185+50.00 to Sta. 186+00.00



Date:8/16/2024 Username: Division: HIGHWAY Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN 20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

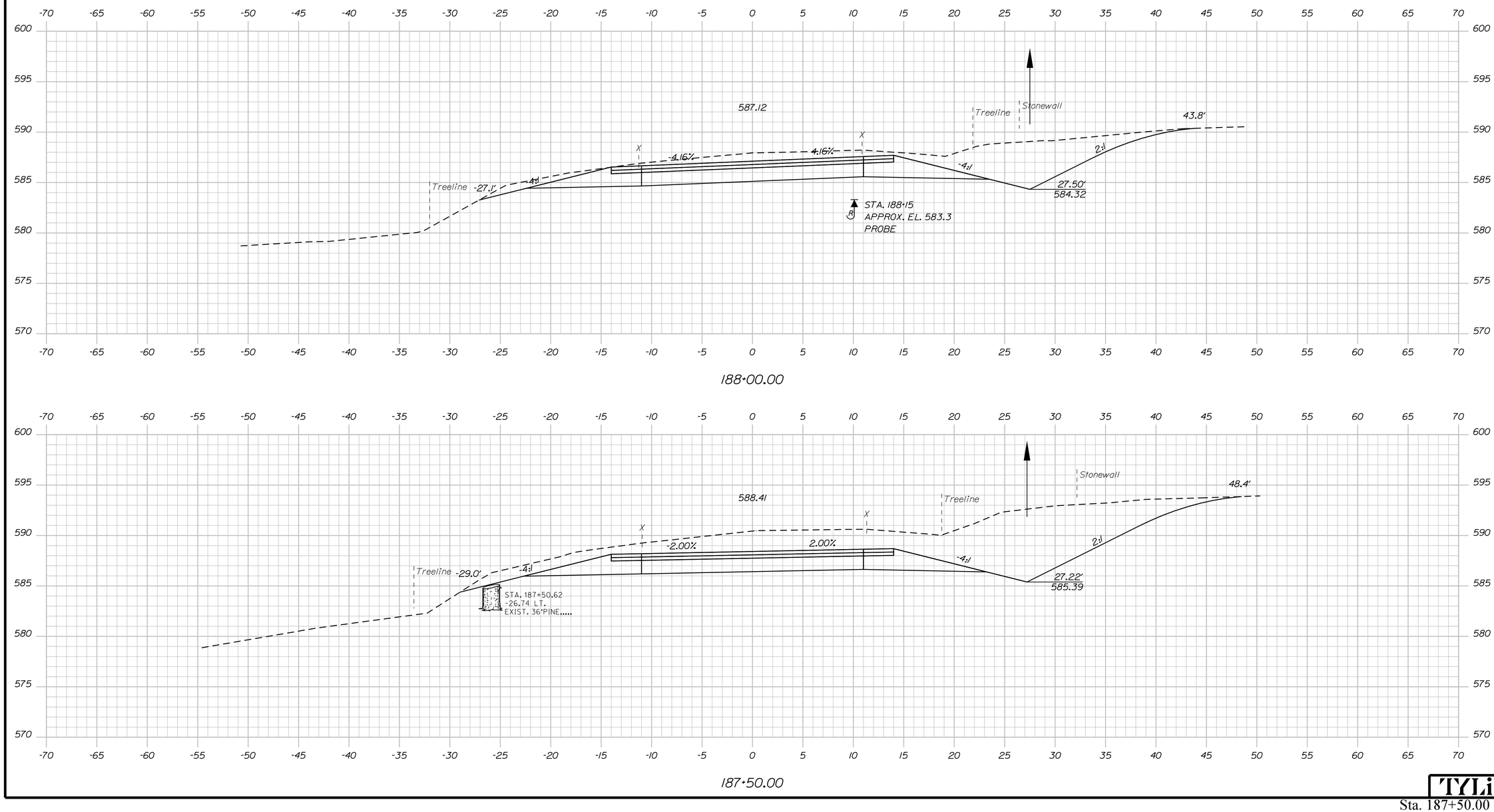
SHEET NUMBER

136

OF 173

TYLin

Sta. 186+50.00 to Sta. 187+00.00



Sta. 187+50.00 to Sta. 188+00.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

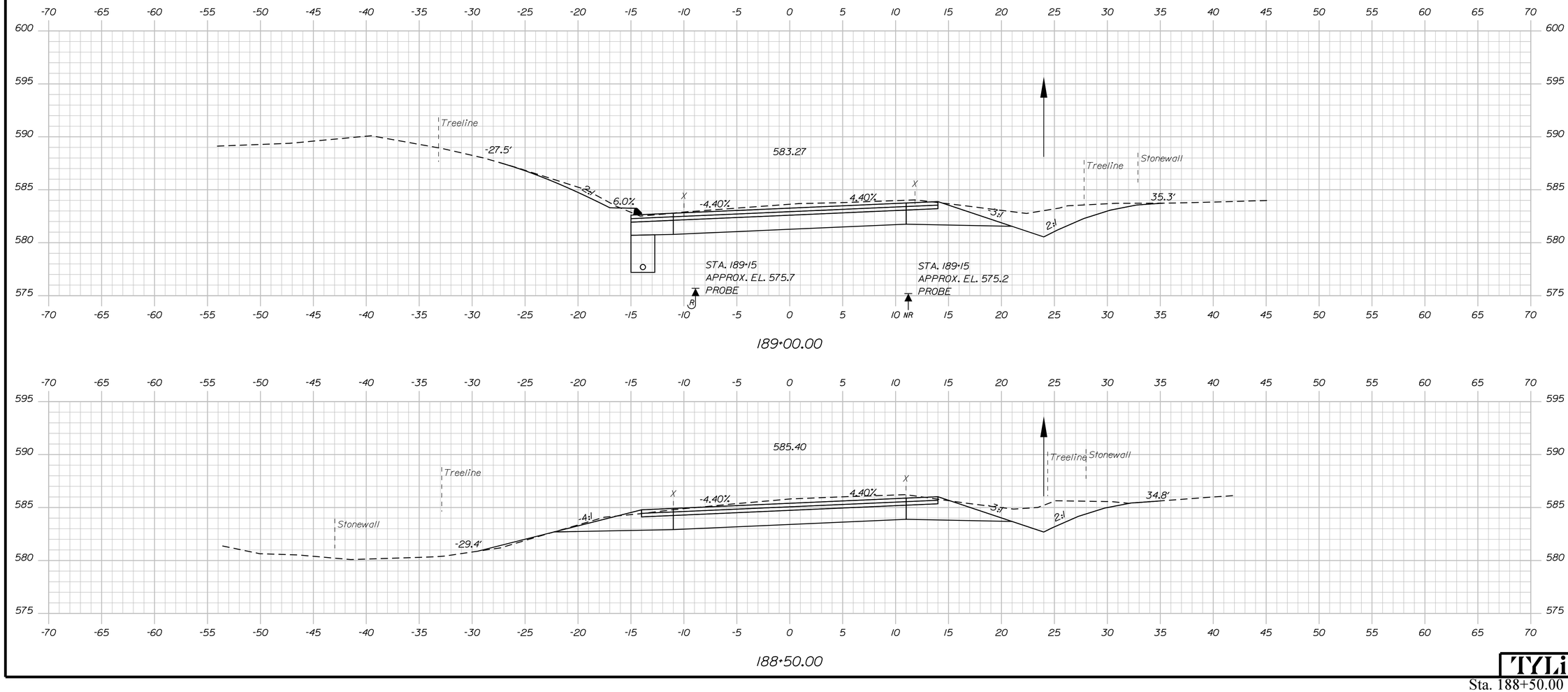
SHEET NUMBER

137

OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE DEPARTMENT OF TRANSPORTATION	STP-2026(700)	WIN 20267.00 HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BEITZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

138

OF 173

TYLin

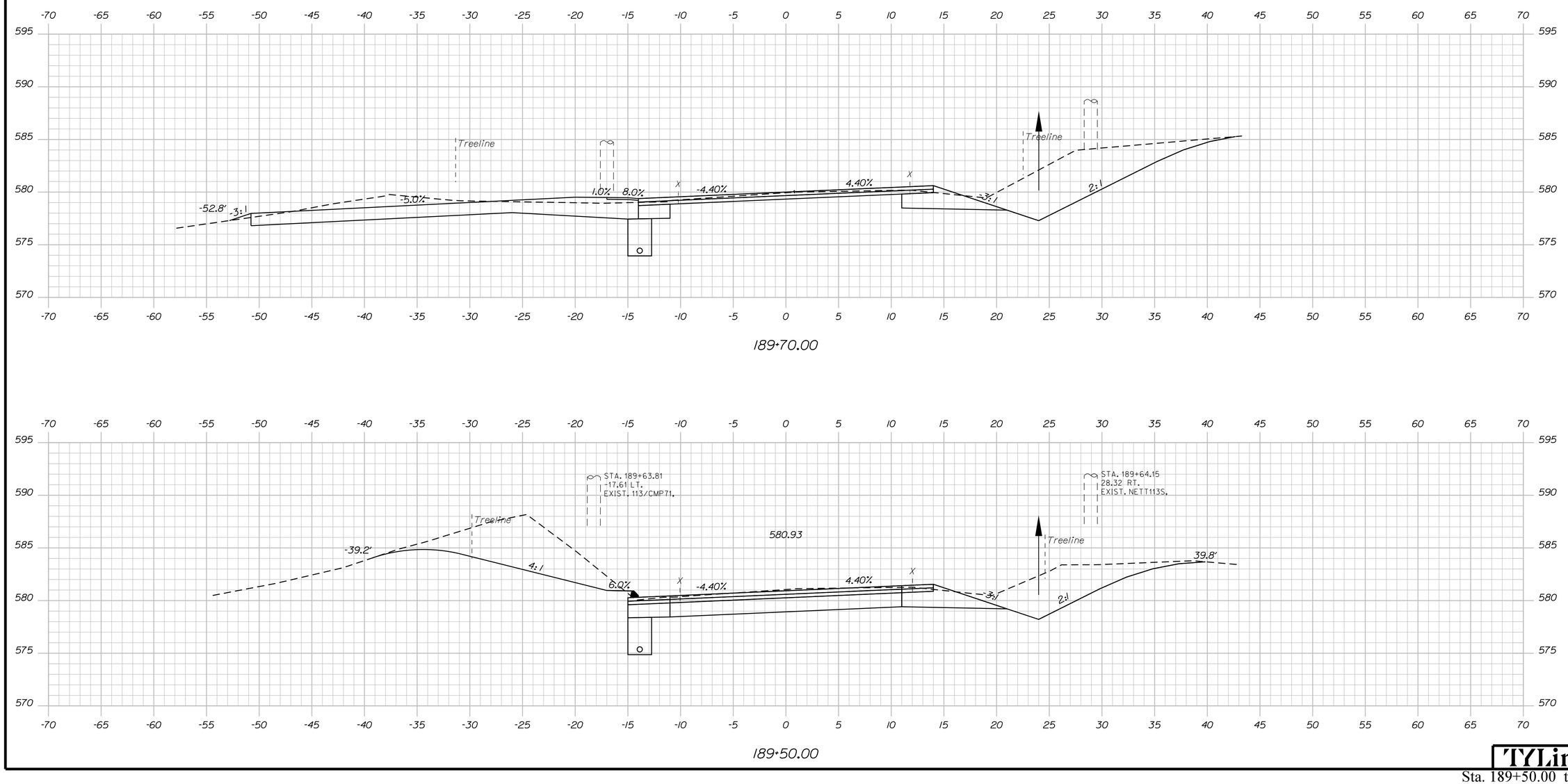
Sta. 188+50.00 to Sta. 189+00.00

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

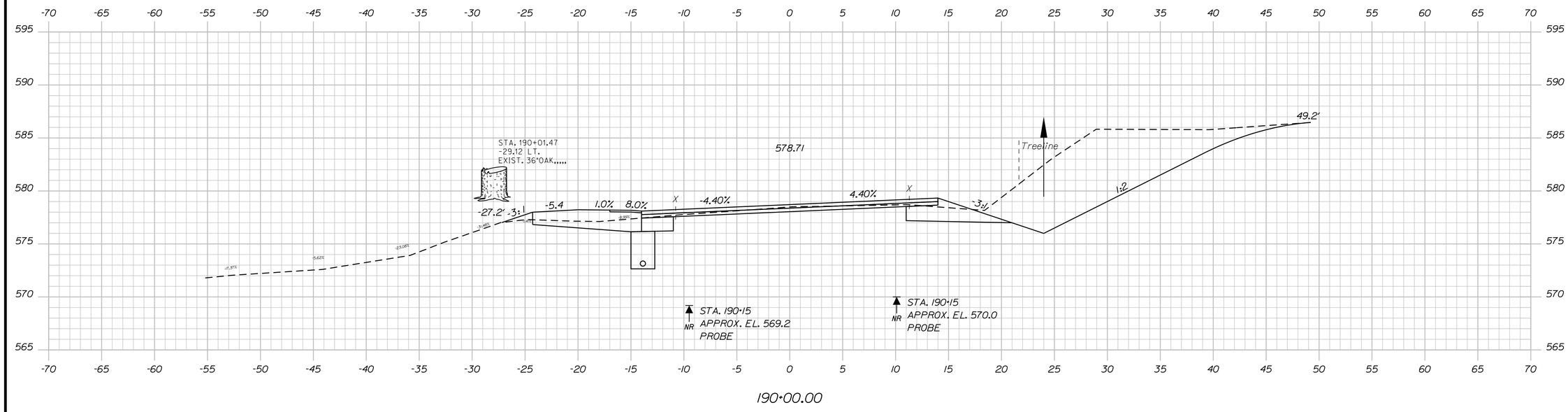
SHEET NUMBER

139

OF 173

TYLin

Sta. 189+50.00 to Sta. 189+70.00



Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	R. BEITZ	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

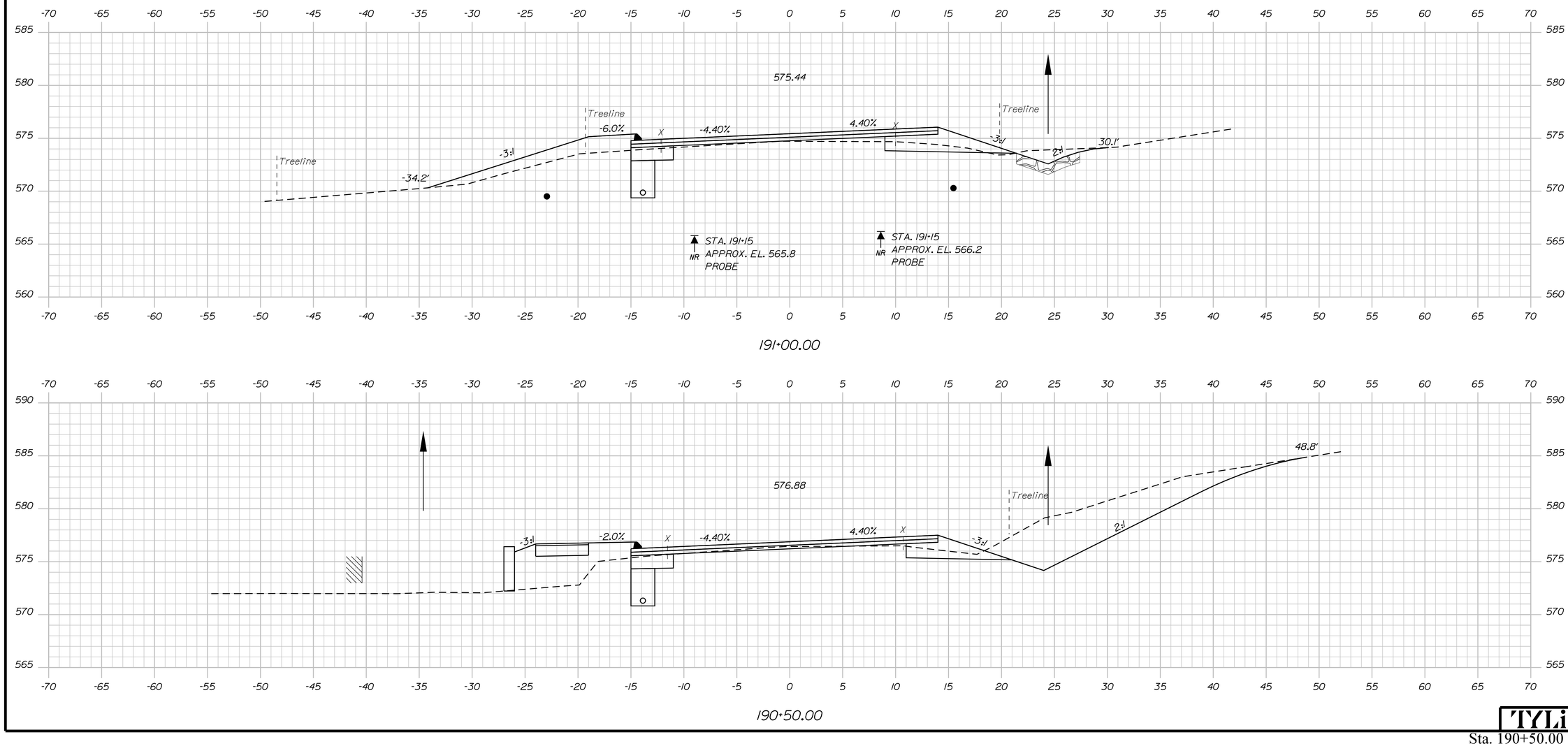
SHEET NUMBER

140

OF 173

TYLin

Sta. 190+00.00 to Sta. 190+0000



Sta. 190+50.00 to Sta. 191+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

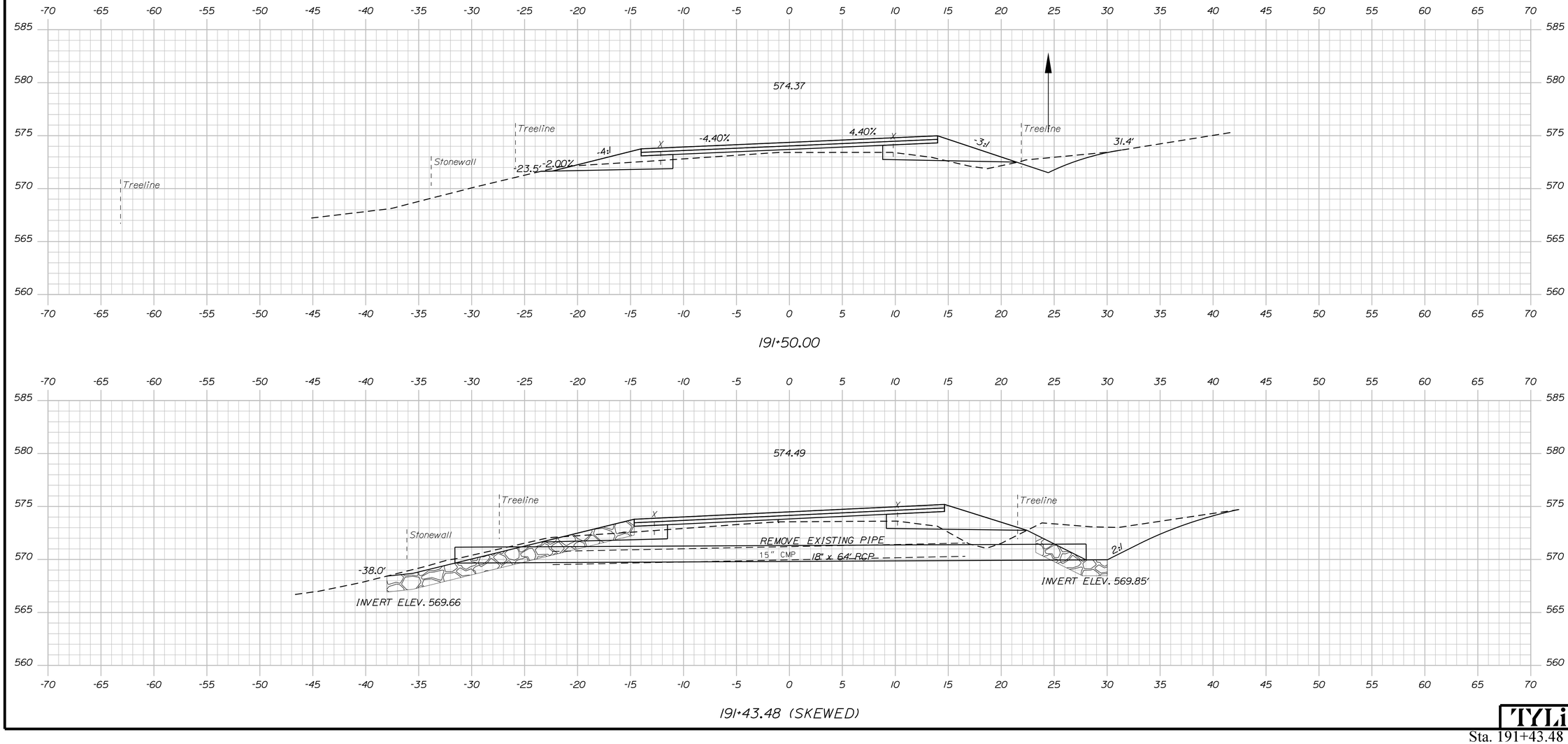
SHEET NUMBER

141

OF 173

TYLin

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



Sta. 191+43.48 to Sta. 191+50.00

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

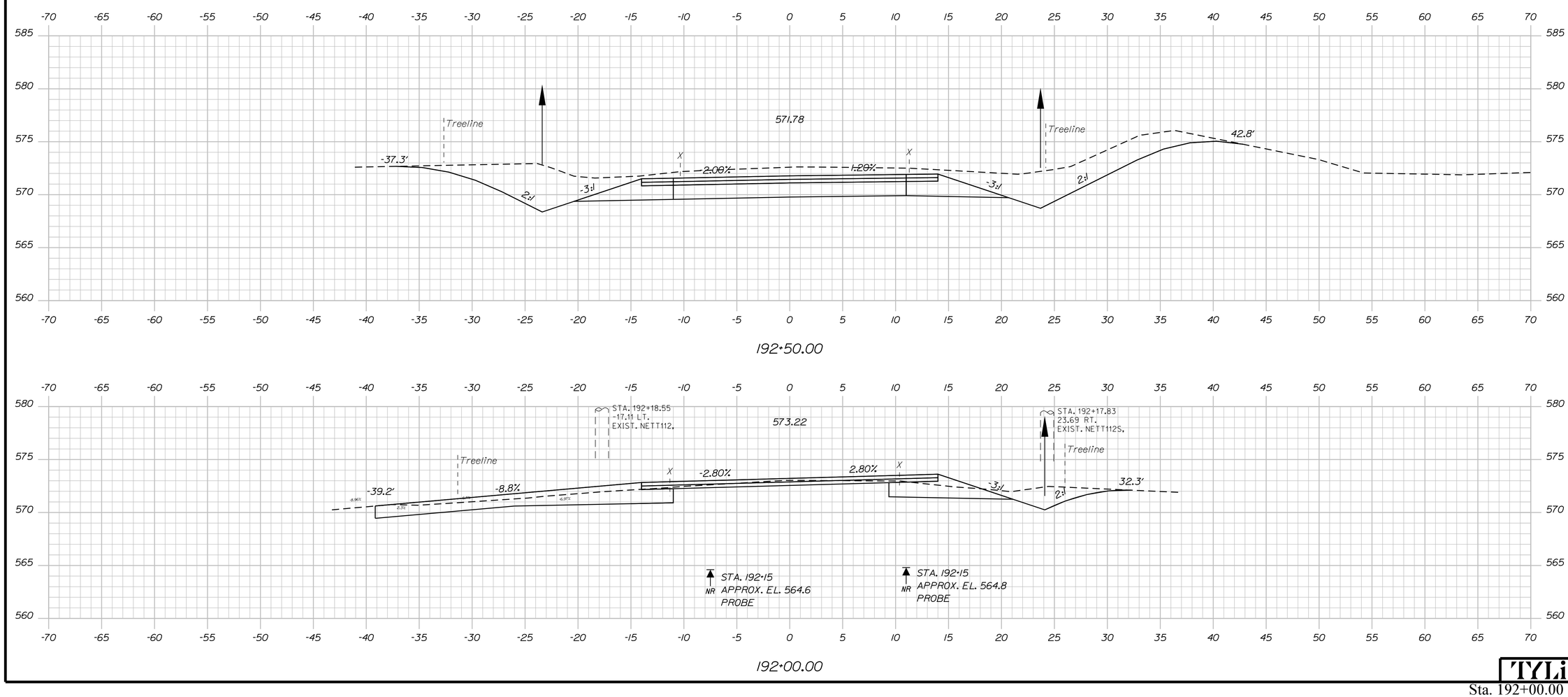
ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER
142
OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

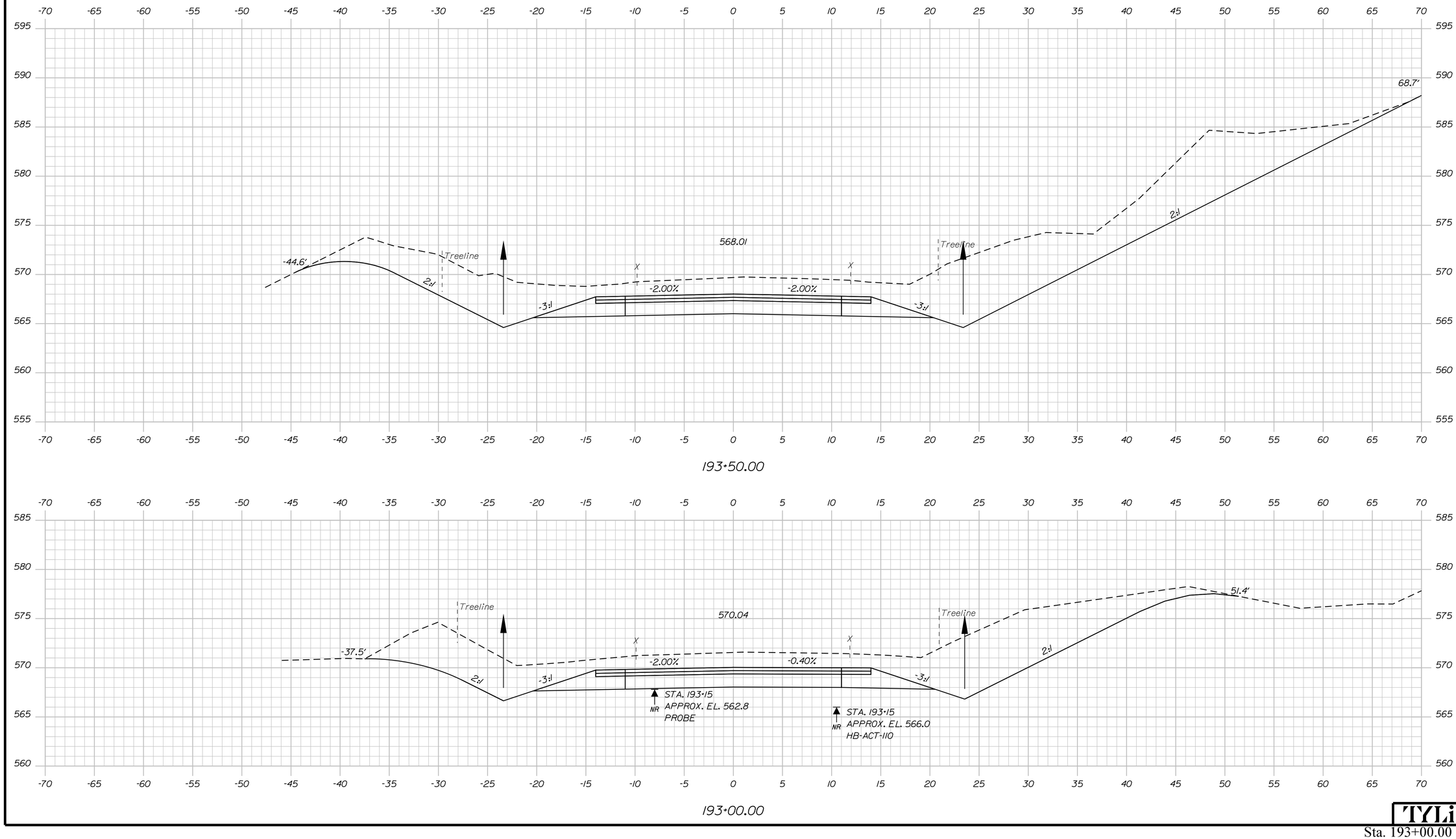
SHEET NUMBER

143

OF 173

TYLin

Sta. 192+00.00 to Sta. 192+50.00



Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

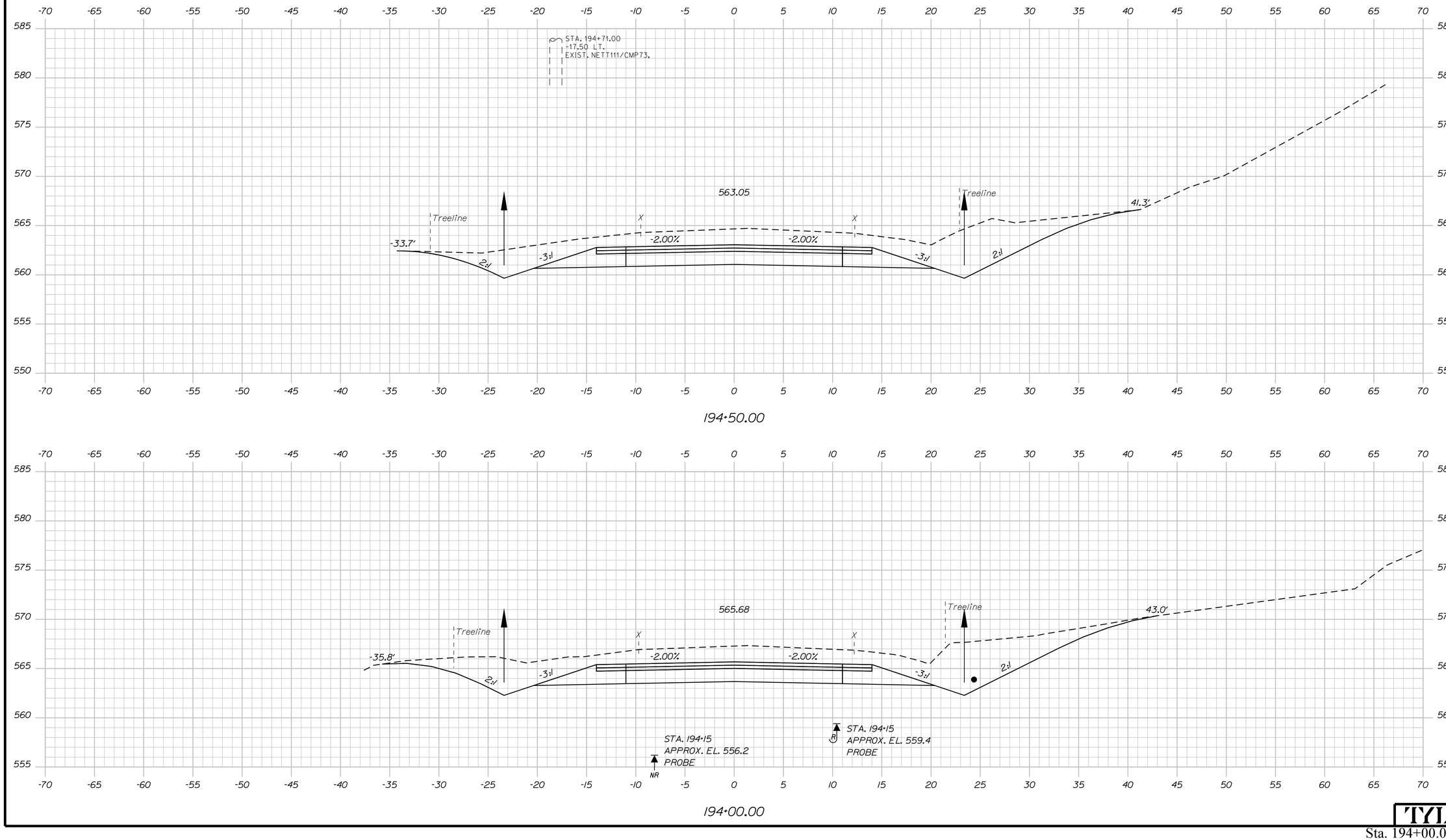
SHEET NUMBER

144

OF 173

TYLin

Sta. 193+00.00 to Sta. 193+50.00



Sta. 194+00.00 to Sta. 194+50.00

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	T. KELLEY	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

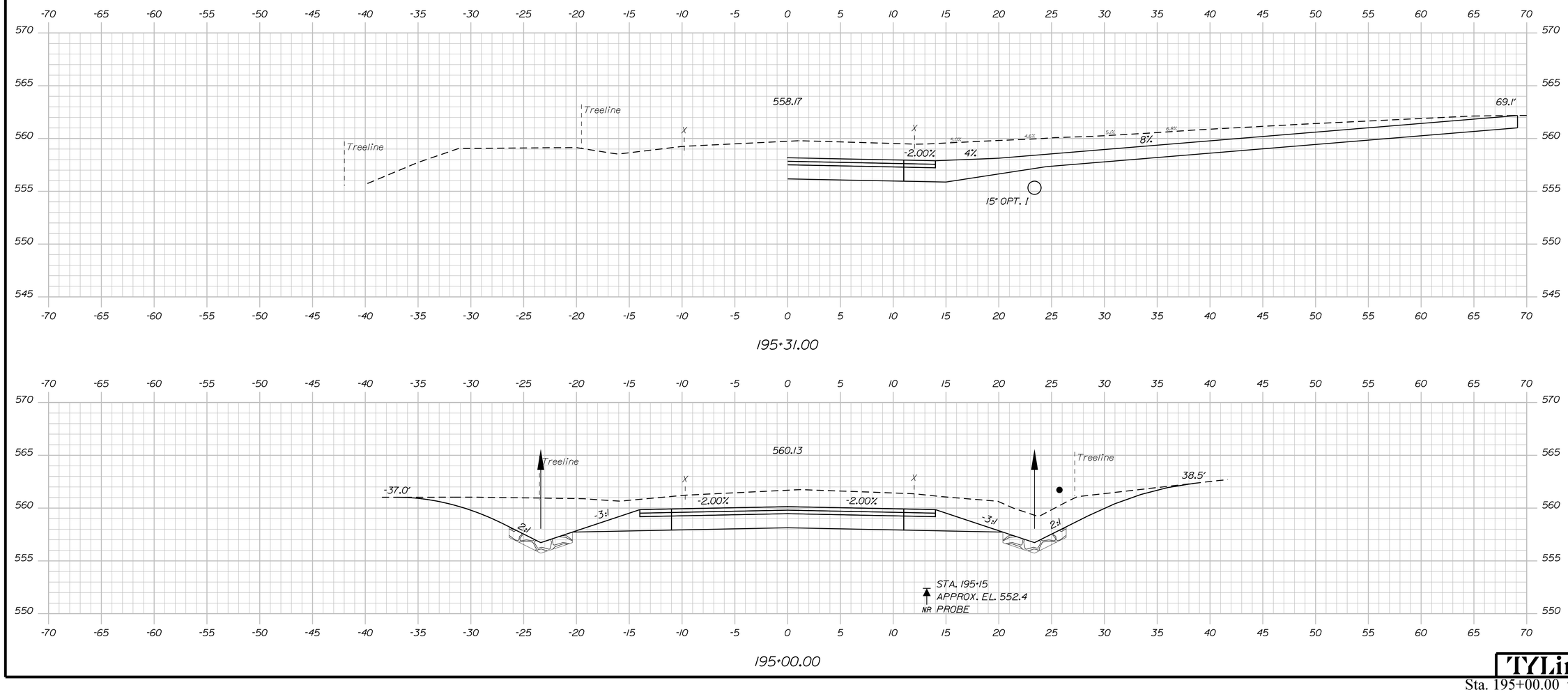
ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER
145
OF 173

TYLin

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

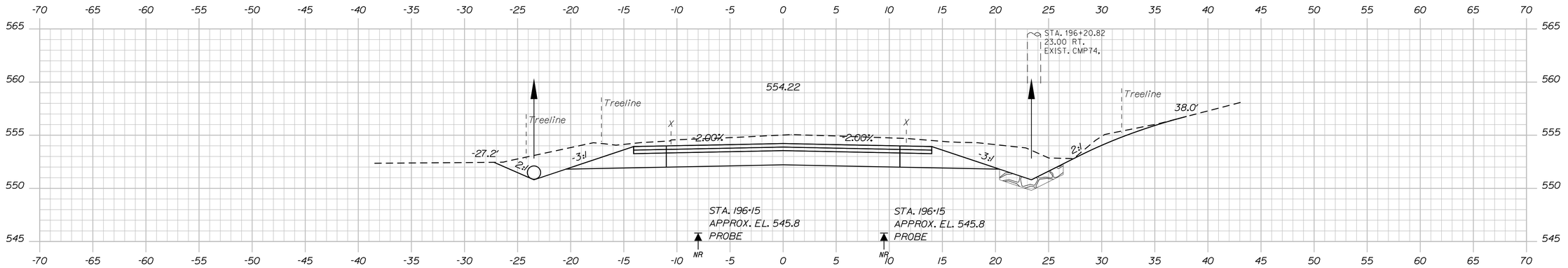
146

OF 173

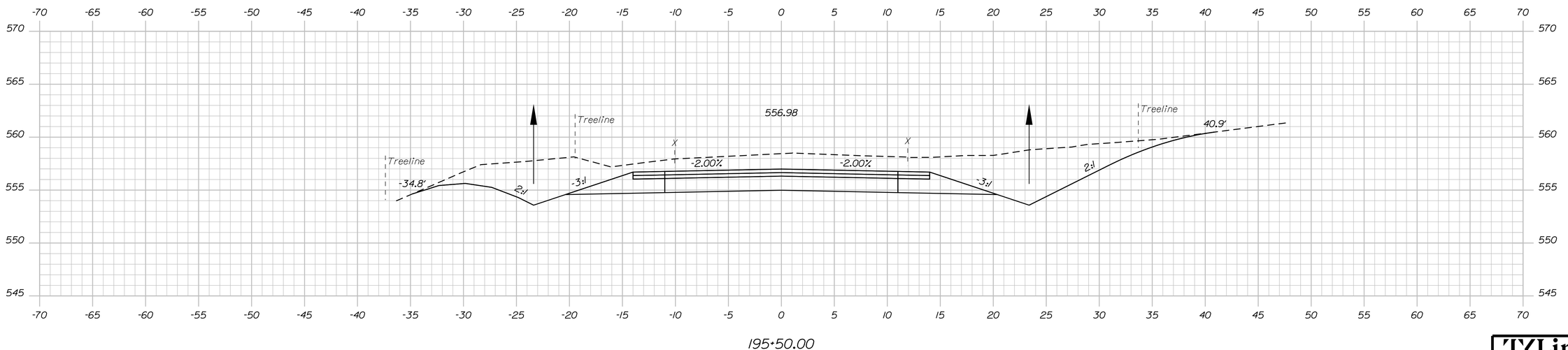
TYLin

Sta. 195+00.00 to Sta. 195+31.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



196+00.00



195+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
R. BETZ		
PROJ. MANAGER		
T. KELLEY	T. KELLEY	3/2016
DESIGN-DETAILED		
H. COWAN	H. COWAN	3/2016
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ACTON
ROUTE 109

CROSS SECTIONS

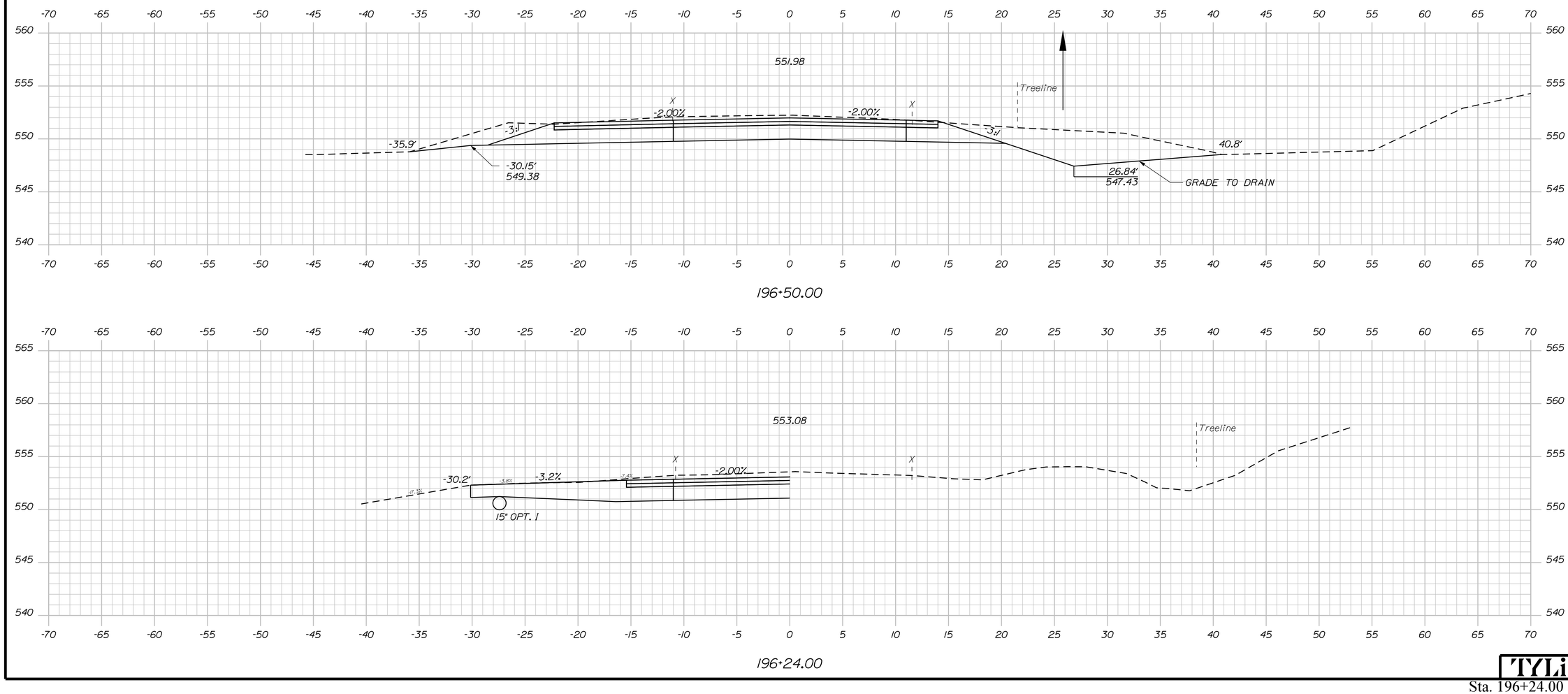
SHEET NUMBER

147

OF 173

TYLin

Sta. 195+50.00 to Sta. 196+00.00



Sta. 196+24.00 to Sta. 196+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ
DESIGN-DETAILED	T. KELLEY
CHECKED-REVIEWED	H. COWAN
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	T. KELLEY	3/2016
REVISIONS 2	H. COWAN	3/2016
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

148

OF 173

TYLin

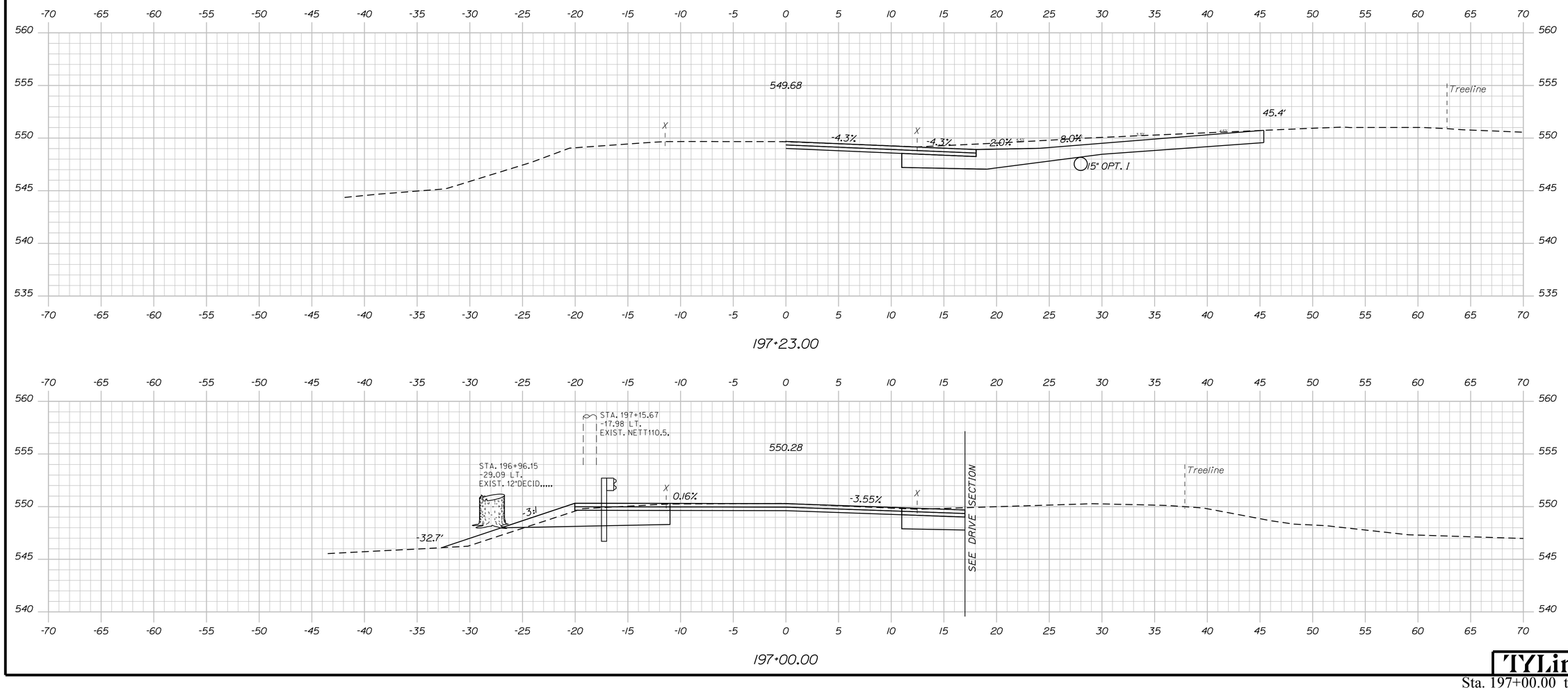
Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn

Date:8/16/2024

Username:

Division: HIGHWAY

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
R. BETZ		
T. KELLEY	T. KELLEY	3/2016
H. COWAN	H. COWAN	3/2016

PROJ. MANAGER	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

SHEET NUMBER

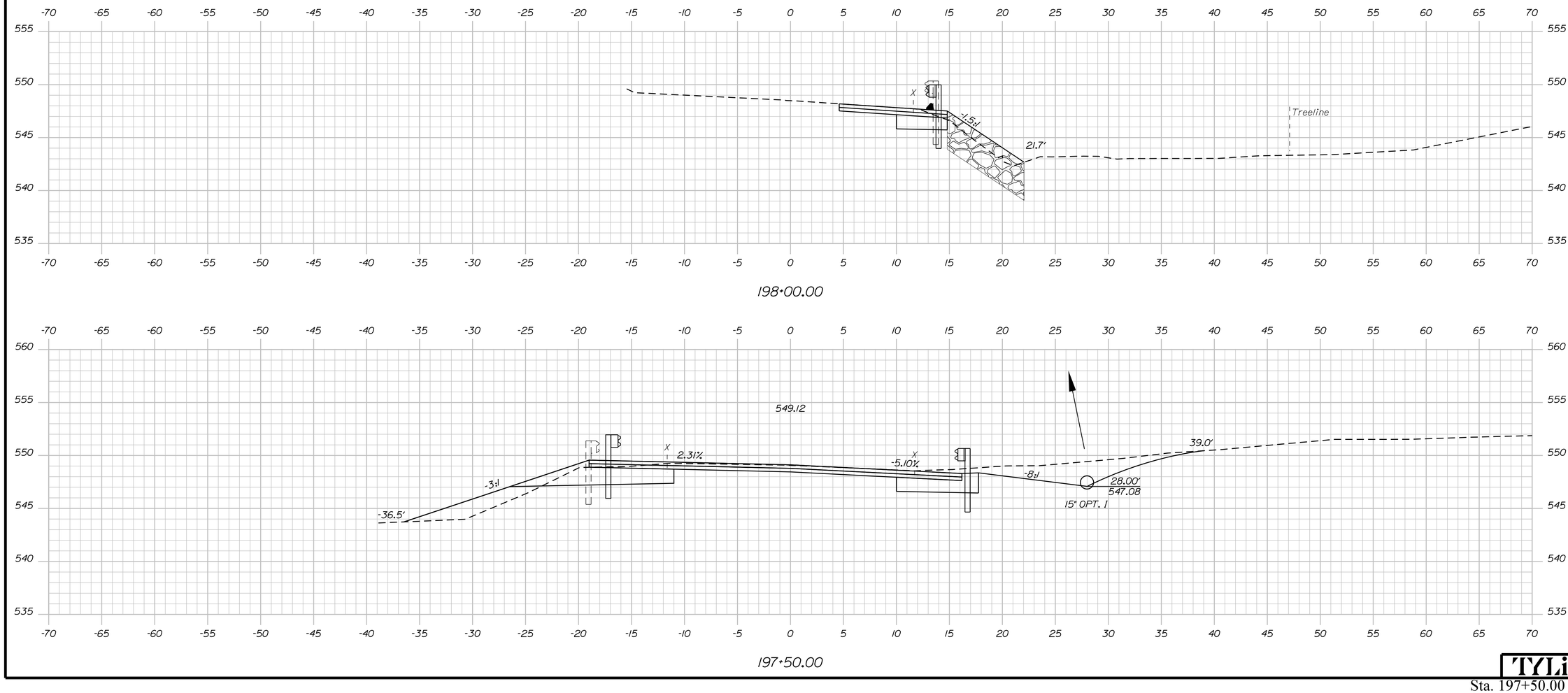
149

OF 173

TYLin

Sta. 197+00.00 to Sta. 197+23.00

Filename: ...\HIGHWAY\MSTA\xxx_XSections.dgn Division: HIGHWAY Username: Date:8/16/2024



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	R. BETZ	DATE
PROJ. MANAGER		
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS

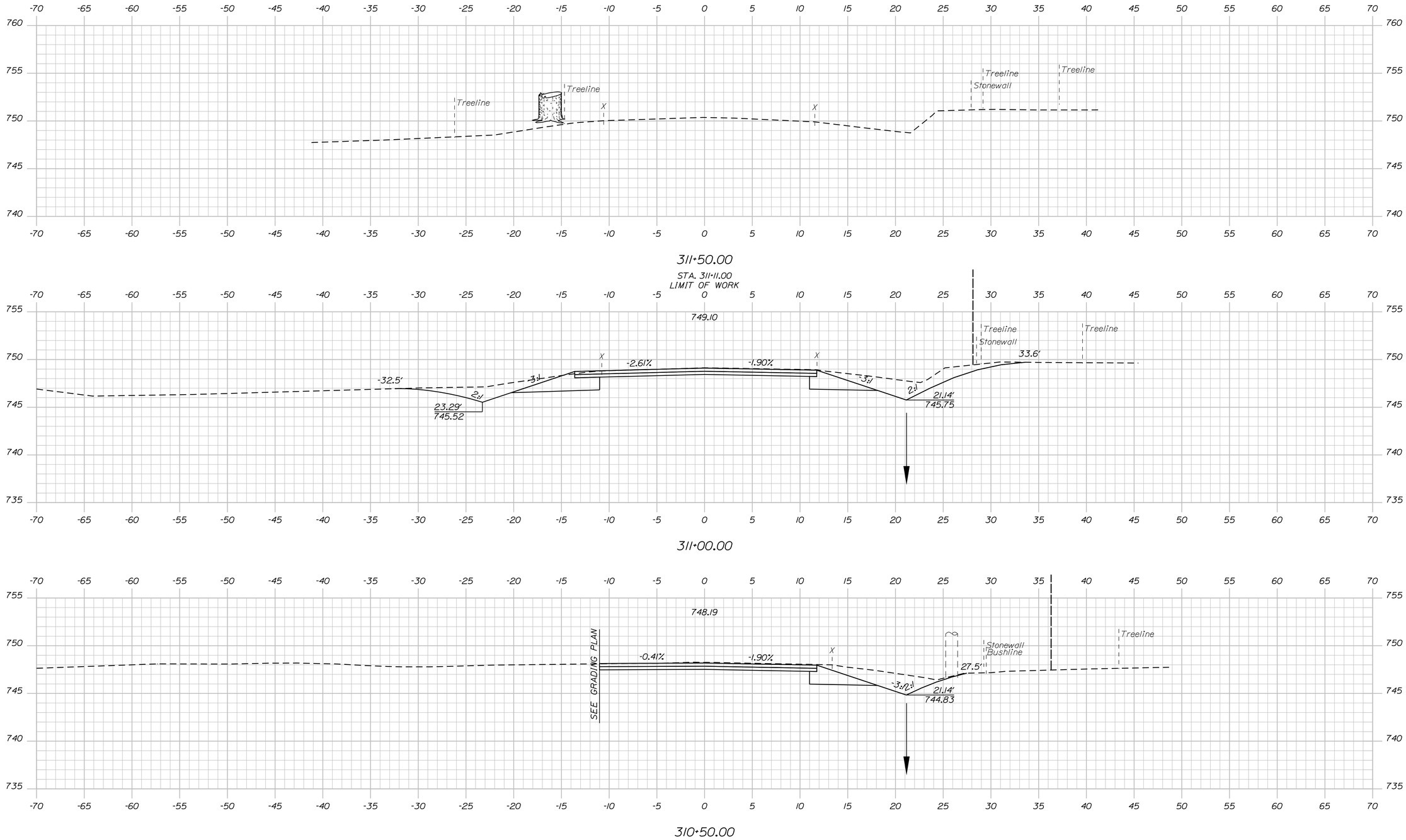
SHEET NUMBER

150

OF 173

TYLin

Sta. 197+50.00 to Sta. 198+00.00



Date:8/16/2024 Username: Division: HIGHWAY Filename: ...\xxx_XSections_Side Roads.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BEITZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS
SAM PAGE ROAD

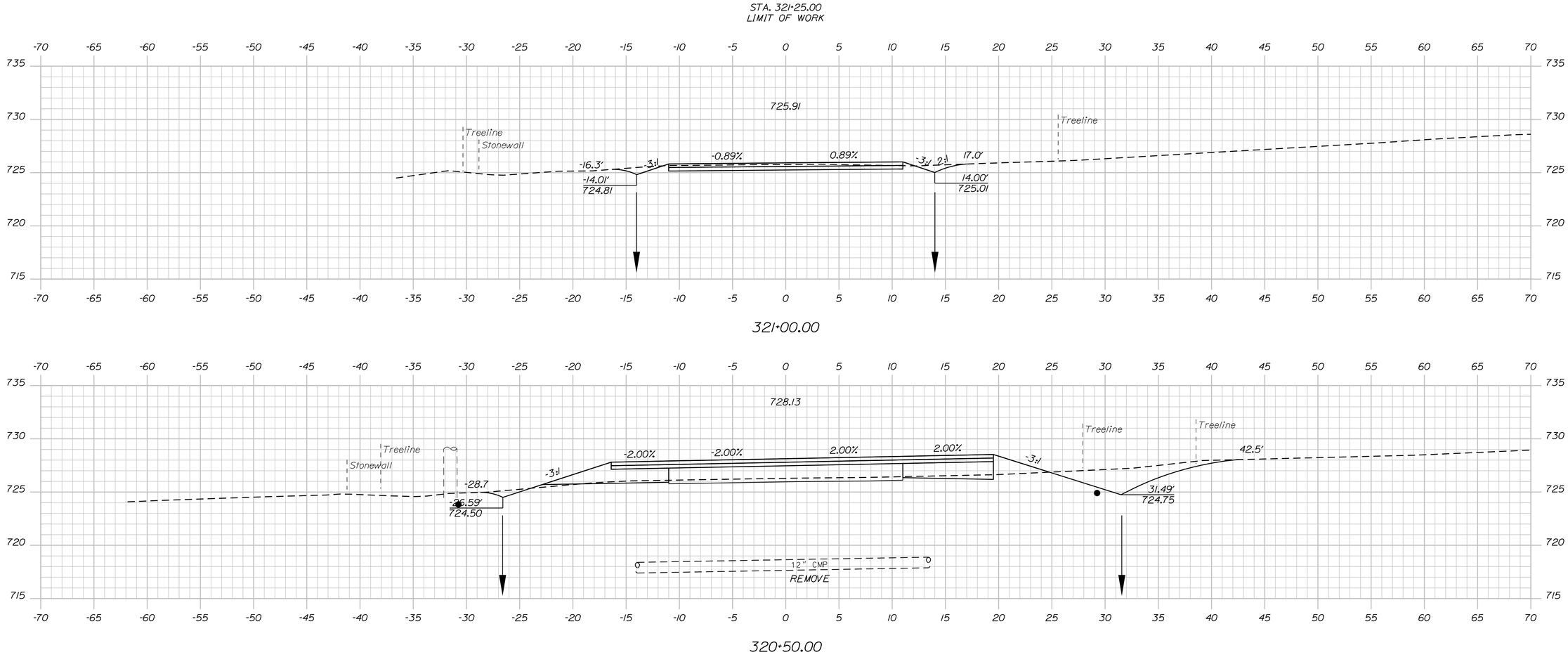
SHEET NUMBER

151

OF 173

TYLin

Sta. 310+50.00 to Sta. 311+50.00



Date:8/16/2024 Username: Division: HIGHWAY Filename: ...\xxx_XSections_Side Roads.dgn

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

PROJ. MANAGER	R. BETZ		
DESIGN-DETAILED	T. KELLEY	BY	DATE
CHECKED-REVIEWED	H. COWAN	T. KELLEY	3/2016
DESIGN2-DETAILED2		H. COWAN	3/2016
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

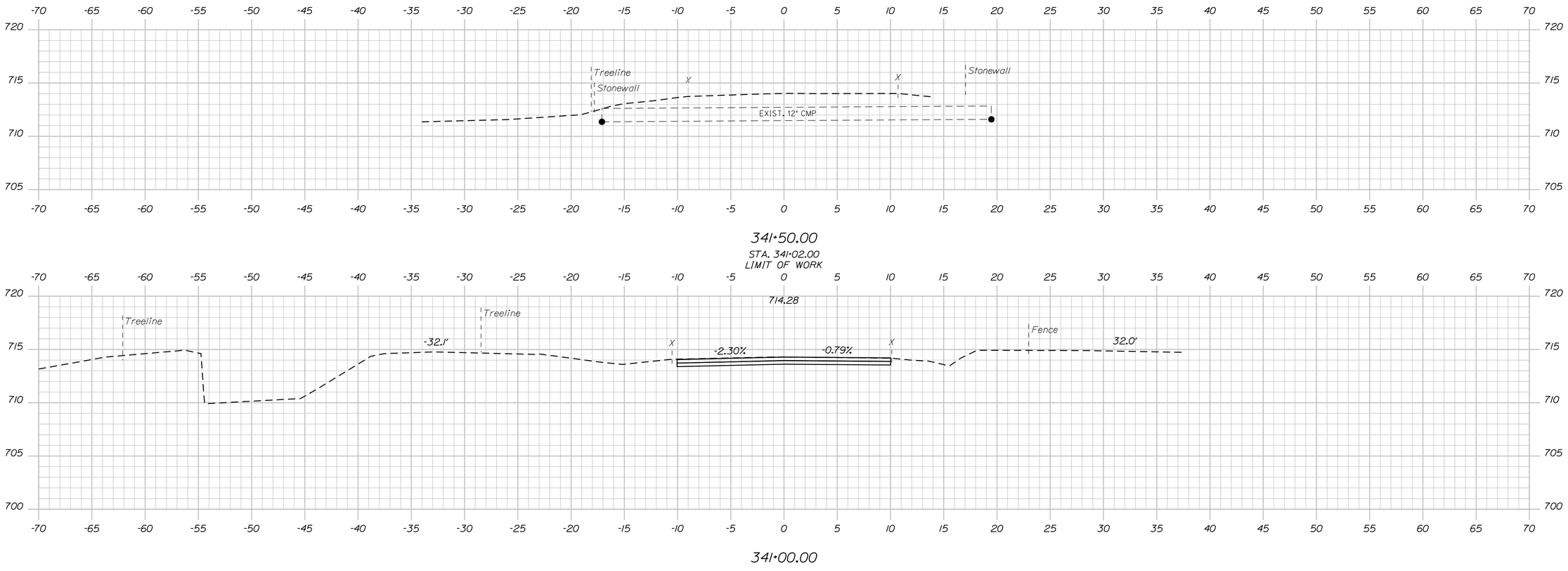
CROSS SECTIONS
OLD ACTON AIRFIELD ROAD

SHEET NUMBER

152

OF 173

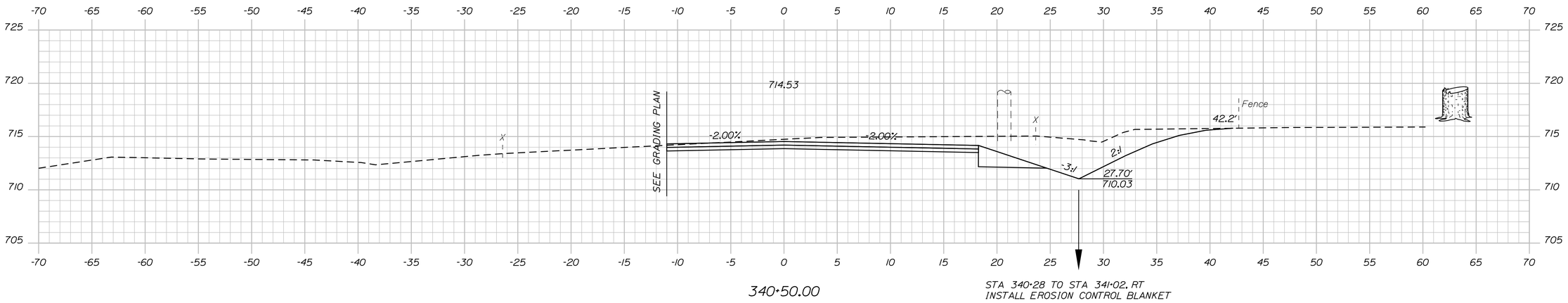
TYLin



341+50.00

STA. 341+02.00
LIMIT OF WORK

341+00.00



340+50.00

STA 340+28 TO STA 341+02, RT
INSTALL EROSION CONTROL BLANKET

Sta. 340+50.00 to Sta. 341+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BETZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS
GARVIN ROAD

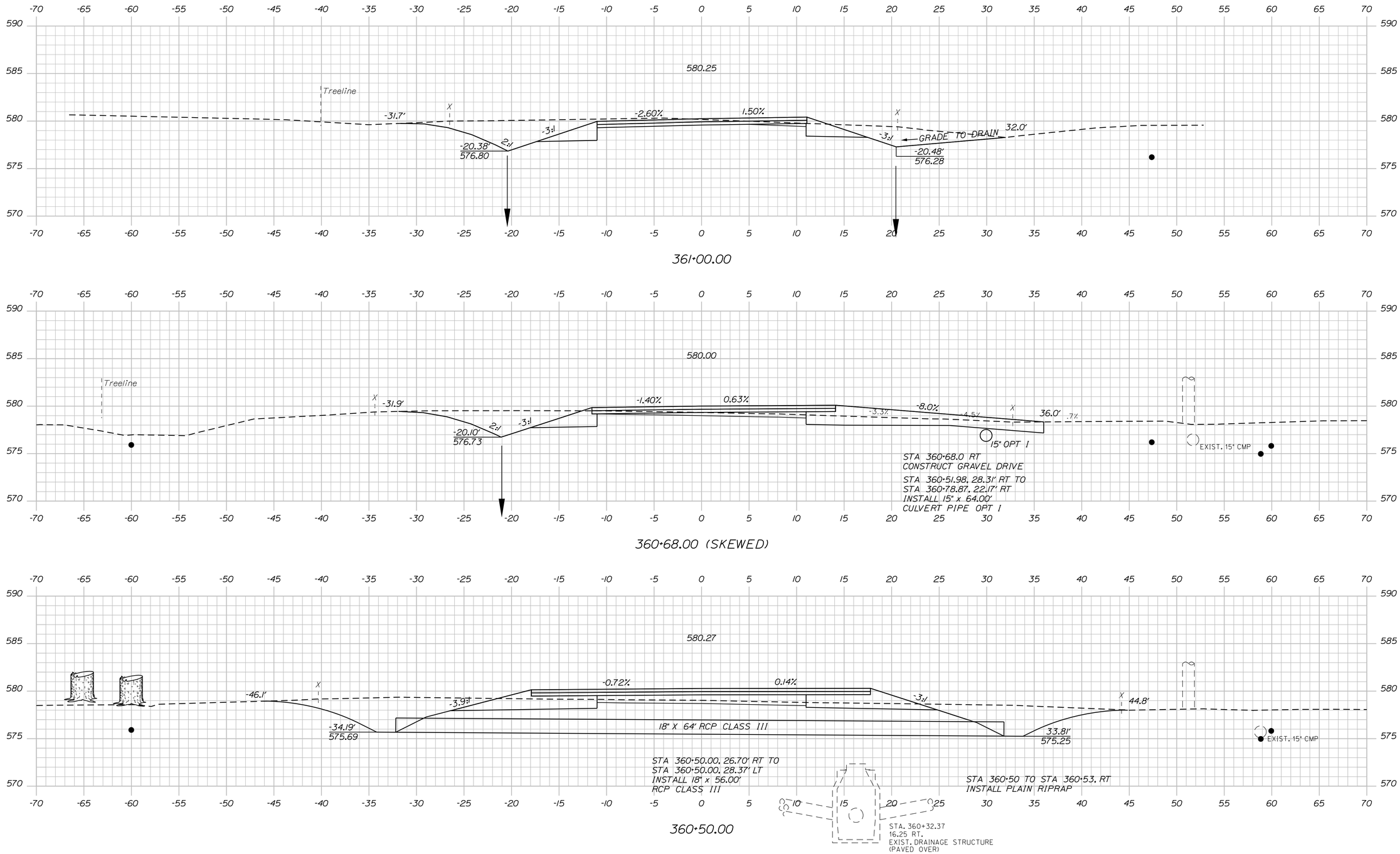
SHEET NUMBER

153

OF 173

TYLin

Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\xxx_XSections_Side Roads.dgn



Sta. 360+50.00 to Sta. 361+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	R. BEITZ	
DESIGN-DETAILED	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	3/2016
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

ACTON
ROUTE 109

CROSS SECTIONS
YOUNGS RIDGE ROAD

SHEET NUMBER

154

OF 173

TYLin

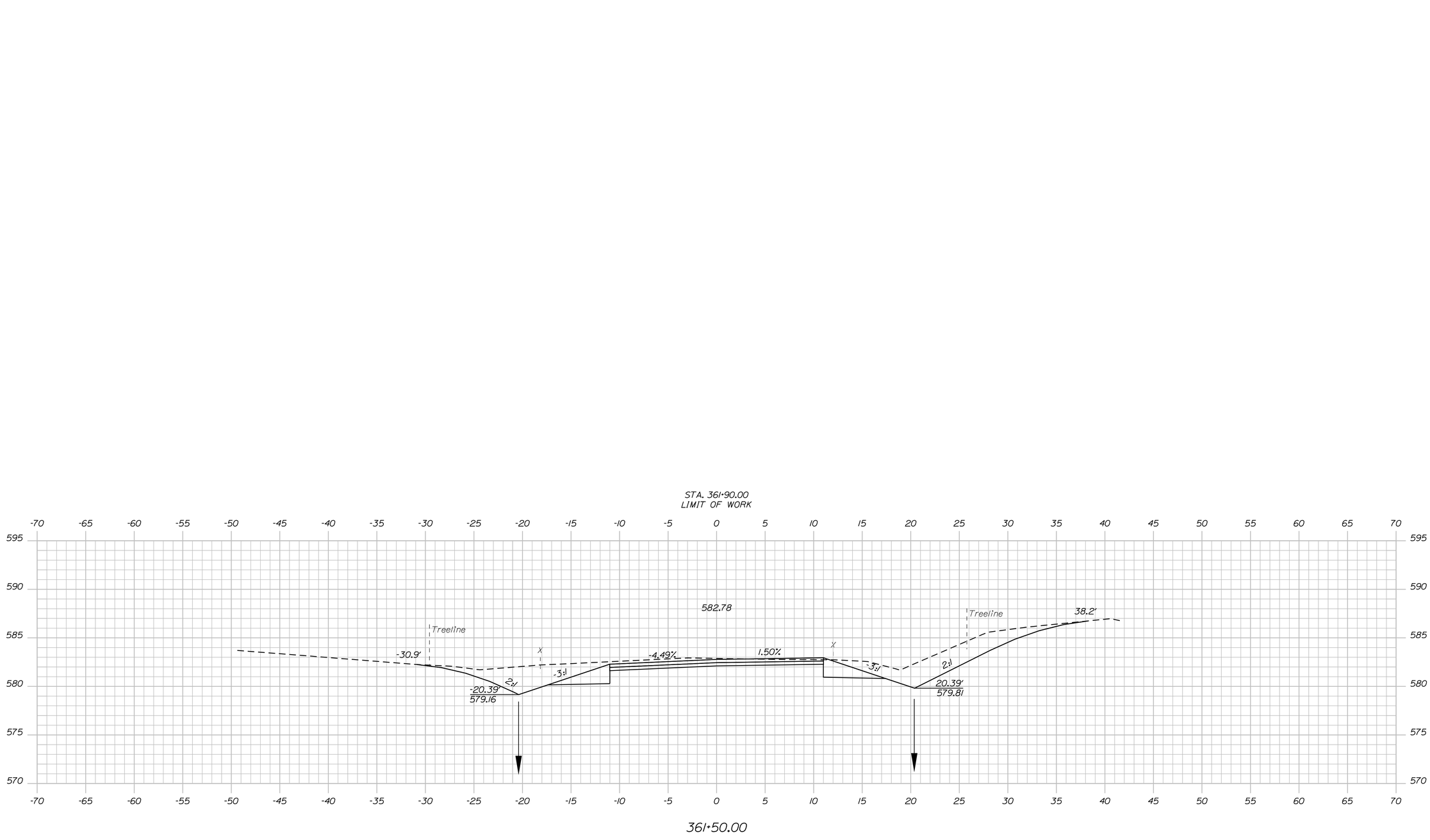
Date:8/16/2024
Username:
Division: HIGHWAY
Filename: ...\xxx_XSections_Side Roads.dgn

Username:

Date:8/16/2024

Division: HIGHWAY

Filename: ...\xxx_XSections_Side Roads.dgn



PROJ. MANAGER	R. BETZ	BY	DATE
DESIGN-DETAILED	T. KELLEY	T. KELLEY	3/2016
CHECKED-REVIEWED	H. COWAN	H. COWAN	3/2016
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STP-2026(700)

WIN
20267.00

HIGHWAY PLANS

ACTON
ROUTE 109

CROSS SECTIONS
YOUNGS RIDGE ROAD

SHEET NUMBER

155

OF 173

TYLin

Date:$date$

Username: $user$

Division: $wkgroup$

Filename: $file$

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W		Existing	Proposed	Existing	Proposed	Cut Line	Fill Line
Approx. Property Lines P.L.	Building	Clearing Limit Line	Sanitary Sewer		Traveled Way		Stonewall	Retaining Wall
Existing Right of Way	Trees Conifer	Deciduous	Telephone Line		Ditch		Baseline 10+00 11+00 12+00	
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin		Monument	Traverse Point
Control Of Access C.O.A.	Water Edge		Water Line	W	Manhole		Iron Rod Found IRF	Pipe Found IPF
New Right of Way	Ledge	Rock/Boulder	Underdrain Line		Sewer Manhole		Replacement Pin Set	
New Easement	Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line		Utility Pole			
New Temporary Rights	Sign	Well WELL Mailbox	Guardrail		Fire Hydrant			
New R/W Within Existing R/W			Culvert		Curbing			

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

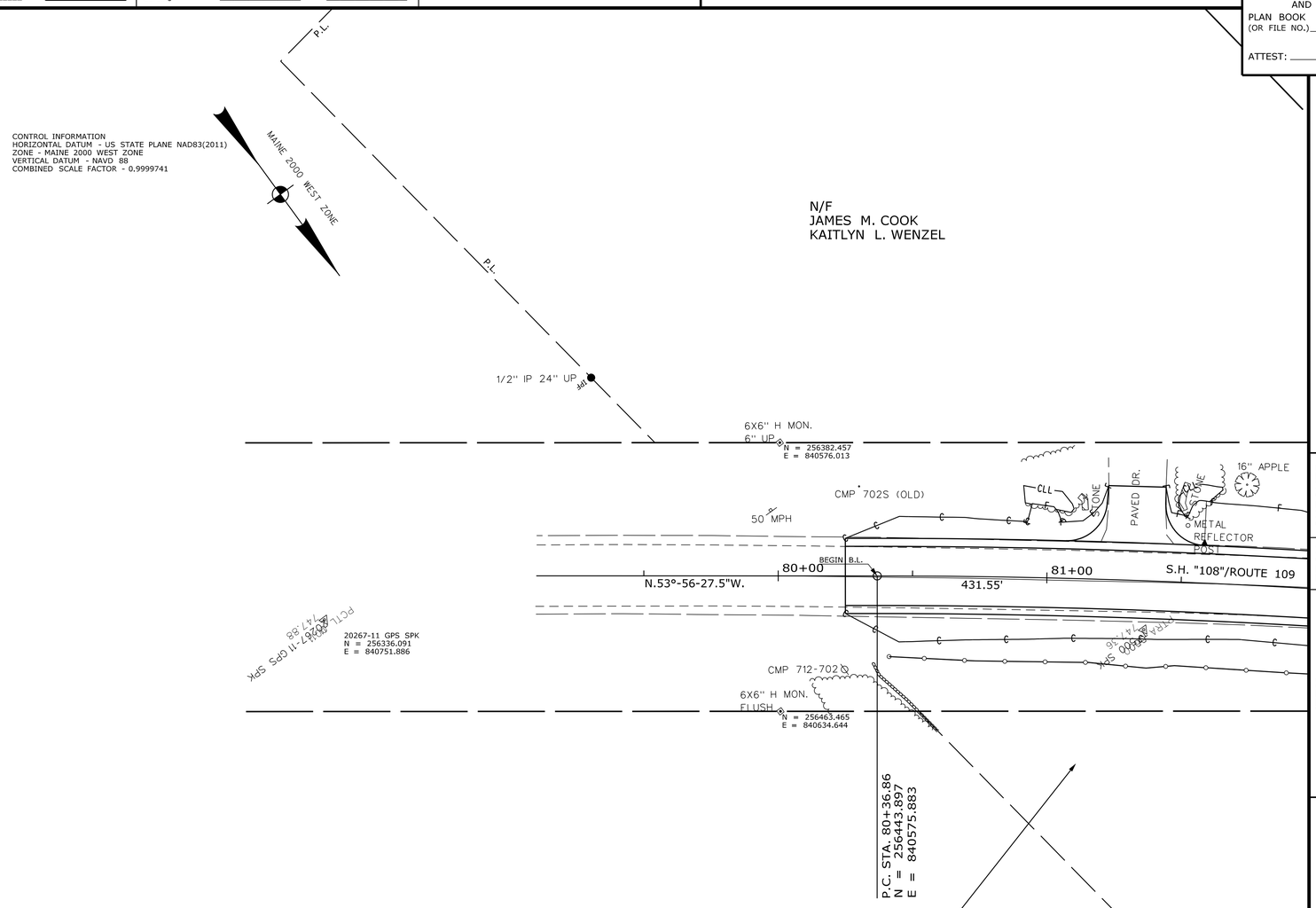
STATE OF MAINE REGISTRY OF DEEDS

COUNTY OF _____

RECEIVED _____, 20____

AT _____HRS. _____ MINS. ____.M.
AND RECORDED IN
PLAN BOOK
(OR FILE NO.)_____, PAGE _____

ATTEST: _____
REGISTRAR



EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
   A) SHAPLEIGH TOWN RECORDS
      BOOK 1, PAGE 11
      MARCH 1786 3 RODS WIDE (49.5')
   B) MAINE STATE HIGHWAY COMMISSION
      RIGHT OF WAY MAP - STATE HIGHWAY "704"
      ACTON, YORK COUNTY
      STATE PROJECT NO. 704(513)
      DATED - APRIL 1962
      S.H.C. FILE NO. 16-139, SHEETS 4 & 5 OF 5
      YORK COUNTY REGISTRY OF DEEDS
      PLAN BOOK 35, PAGE 20 & 21
   C) MAINE STATE HIGHWAY COMMISSION
      RIGHT OF WAY MAP - STATE AID HIGHWAY NO. 1
      ACTON, YORK COUNTY
      DATED - FEBRUARY 1931
      S.H.C. FILE NO. S-16-44
      YORK COUNTY REGISTRY OF DEEDS
      PLAN BOOK 11, PAGE 135
2) SAM PAGE ROAD
   A) SHAPLEIGH TOWN RECORDS
      BOOK 1, PAGE 11
      MARCH 1786 3 RODS WIDE
3) GARVIN ROAD & YOUNGS RIDGE ROAD
   A) HISTORY OF SHAPLEIGH, MAINE
      BY REV. AMASA LORING, PRINTED BY B. THURSTON
      PAGE 14 - LOTTING & APPROPRIATING
      DATED - 1854 2 RODS WIDE.
      NEW YORK PUBLIC LIBRARY
      NYPL RESEARCH LIBRARIES - 3 3433 07954301 7

WIN 020267.00

TECH	CHECKED
G.L.L.	C.W.K.
G.L.L.	
G.L.L.	

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
ACTON
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1"= 25'	SHEET 1 OF 18	

SHEET NUMBER
156
OF 173

PLAN LEGEND

Town, County, State		New R/W Along Existing R/W		Sanitary Sewer		Traveled Way	
Approx. Property Lines P.L.		Building	Clearing Limit Line	Telephone Line		Ditch	
Existing Right of Way		Trees Conifer	Deciduous	Electric Line		Catch Basin	
Limits of Wrought Portion L.O.W.P.		Tree Line	Bush Line	Water Line		Manhole	
Control Of Access C.O.A.		Water Edge		Underdrain Line		Sewer Manhole	
New Right of Way		Ledge	Rock/Boulder	Gas Line		Utility Pole	
New Easement		Fence CHAIN LINK	BARB WIRE / STOCKADE	Guardrail		Fire Hydrant	
New Temporary Rights		Sign	Well WELL	Culvert		Curbing	
New R/W Within Existing R/W		Mailbox					

Existing / Proposed

Cut Line C—C—C	Fill Line F—F—F
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found ● IRF	Pipe Found ● IPF
Replacement Pin Set	

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
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: _____
REGISTRAR

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

GRID NORTH
MAINE 2000 WEST ZONE

SAM PAGE RD.
P.I. STA. 310+58.23
D = 114°35'29"
Δ = 41°02'18.6".LT.
R = 50.00'
L = 35.81'
T = 18.71'

STA. 310+00.00
N = 256665.057
E = 840308.646

PC STA. 310+14.71
N = 256652.758
E = 840300.573

PT. STA. 310+50.52
N = 256618.572
E = 840292.829

STA. 311+50.00
N = 256520.006
E = 840306.255

PLAN SHOWING A BOUNDARY SURVEY
FOR RUTH GERRISH HAMMOND
BY MIDDLE BRANCH LAND SURVEYORS, INC.
DATED - NOVEMBER 17, 1989
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 187, PAGE 31

P.I. STA. 87+24.90
D = 5°43'46.5"
Δ = 17°24'41.2" LT.
R = 1000.00'
L = 303.89'
T = 153.12'
E = 11.66'

SUSAN J. WALSH, TRUSTEE
SUSAN J. WALSH REVOCABLE TRUST
PARCEL NO. (2)
TEMP. CONST. RIGHTS = 837± S.F.(1)
TOTAL AREA = 16.42± AC.(DEED)

N/F
JAMES M. COOK
KAITLYN L. WENZEL.

N/F
MICHAEL MICHAUD
ERIN MICHAUD

CMP 20-19
SAM PAGE ROAD
S.7°45'22.7"E.
30" MAPLE
END P.L. STA. 311+50
TEMP. CONST. 837± S.F.
EXIST. SLOPE EASEMENT
LIMITS
CLL
P.L.
S.H.C. FILE NO. 16-139
311+00
99.98'
N = 256699.380
E = 840140.329
CIR 1350
1" IP 1 AG
N = 256709.332
E = 840163.104
P.C. STA. 85+71.77
N = 256796.696
E = 840174.695
P.T. STA. 88+75.66
N = 256975.415
E = 839930.363
16" APPLE
METAL REFLECTOR POST
PAVED DR.
STOP / SAM PAGE RD
PT = STA. 310+50.52
PC = STA. 310+14.71
S.H. "108"/ROUTE 109
82+00
83+00
84+00
85+00
86+00
87+00
88+00
431.55'
S.33°-16'-56.0"W.
14.71'
35.81'
310+00
STA. 83+83.96 (S.H."108") = STA. 310+00.00 (SAM PAGE RD.)
33'
50'
WEIGHT LIMIT 80,000 LBS.
50 MPH
45 MPH
N.45°-06'-36.6"W.
103.36'
48" - 10' W
CMP 70
10' DIA
12" CMP
GRAVEL DR.
TEMP. CONST. LTS.
160± S.F.
118'±
15" CMP
10" SPRUCE
40" ELM
WELL COVER
193± S.F.
8' BUSH
CMP 23-21
6" CMP
FIRE COUPLING
12" PINE
12" BIRCH
18" OAK
22" OAK
6" BIRCH
8" MAPLE
EXISTING SLOPE EASEMENT S.H.C. FILE NO. 16-139
P.T. STA. 84+68.41
N = 256723.746
E = 840247.926
CMP 24-22
12" CMP
PAVED DR.
FEE, HIGHWAY EASE. HIGHWAY
303.89'
741'±
313.92'
1953± S.F.
12± AC.
TEMP. CONST. LIMITS

P.I. STA. 82+53.06
D = 2°02'46.6"
Δ = 8°49'50.9" RT.
R = 2800.00'
L = 431.55'
T = 216.21'
E = 8.33'

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE (49.5')
B) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE HIGHWAY "704"
ACTON, YORK COUNTY
STATE PROJECT NO. 704(513)
DATED - APRIL 1962
S.H.C. FILE NO. 16-139, SHEETS 4 & 5 OF 5
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 35, PAGE 20 & 21
2) SAM PAGE ROAD
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE

DONALD F. GIANCOLA
JUDITH A. GIANCOLA
PARCEL NO. (1)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.12± AC (1).
TEMP. CONST. RIGHTS = 0.06± AC. (4)
TOTAL AREA = 7.82± AC. (CALC.)
REM. AREA = 7.7± AC.

WIN 020267.00

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	G.L.L.	C.W.K.
FINAL RIGHT OF WAY	G.L.L.	
AREAS	G.L.L.	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK	PAGE	COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 2 OF 18	

SHEET NUMBER
157
OF 173

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:$date$

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:$date$

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W		Existing / Proposed	Existing / Proposed	Cut Line / Fill Line
Approx. Property Lines P.L.	Building / Clearing Limit Line		Sanitary Sewer	Traveled Way	Stonewall / Retaining Wall
Existing Right of Way	Trees Conifer / Deciduous		Telephone Line	Ditch	Baseline 10+00 11+00 12+00
Limits of Wrought Portion L.O.W.P.	Tree Line / Bush Line		Electric Line	Catch Basin	Monument / Traverse Point
Control Of Access C.O.A.	Water Edge		Water Line	Manhole	Iron Rod Found IRF / Pipe Found IPF
New Right of Way	Ledge / Rock/Boulder / Flag Pole		Underdrain Line	Sewer Manhole	Replacement Pin Set
New Easement	Fence CHAIN LINK / BARB WIRE / STOCKADE		Gas Line	Utility Pole	
New Temporary Rights	Sign / Well / Mailbox		Guardrail	Fire Hydrant	
New R/W Within Existing R/W			Culvert	Curbing	

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
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: _____
REGISTRAR

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

MAINE 2000 WEST ZONE GRID NORTH

N/F
MICHAEL MICHAUD
ERIN MICHAUD

CLINTON D. DAVIS
ROBIN DAVIES
PARCEL NO. (3)
TEMP. CONST. RIGHTS = 330± S.F.(1)
TOTAL AREA = 20.45± AC. (DEED)

CLINTON D. DAVIS
ROBIN DAVIES
PARCEL NO. (5)
SLOPE EASEMENT = 1663± S.F.(1)
TEMP. CONST. RIGHTS = 1286± S.F.(1)
TOTAL AREA = 2.07± AC. (DEED)

S.H.C. FILE NO. 16-139

P.T. STA. 88+75.66
N = 256975.415
E = 839930.363

.5" IR
N = 257115.824
E = 839567.062

2" IP
N = 257096.641
E = 839760.636

P.C. STA. 90+36.94
N = 257049.833
E = 839787.277

DONALD F. GIANCOLA
JUDITH A. GIANCOLA
PARCEL NO. (1)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.12± AC. (1)
TEMP. CONST. RIGHTS = 0.06± AC.(4)
TOTAL AREA = 7.82± AC. (CALC.)
REM. AREA = 7.7± AC.

MICHAEL SCOTT BLACKWELL
PARCEL NO. (4)
TEMP. CONST. RIGHTS = 403± S.F.(1)
TOTAL AREA = 50± AC.(OWNER)

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE (49.5')
B) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE HIGHWAY "704"
ACTON, YORK COUNTY
STATE PROJECT NO. 704(513)
DATED - APRIL 1962
S.H.C. FILE NO. 16-139, SHEETS 4 & 5 OF 5
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 35, PAGE 20 & 21
C) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE AID HIGHWAY NO. 1
ACTON, YORK COUNTY
DATED - FEBRUARY 1931
S.H.C. FILE NO. S-16-44
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 11, PAGE 135

P.I. STA. = 95+65.95
D = 1°32'54.7"
Δ = 16°16'23.8" RT.
R = 3700.00'
L = 1050.89'
T = 529.00'
E = 37.63'

WIN 020267.00

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.
TECH	G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD					
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 3 OF 18	

SHEET NUMBER
158
OF 173

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W		Existing	Proposed		Existing	Proposed
Approx. Property Lines P.L.	Building	Clearing Limit Line	Sanitary Sewer		Traveled Way		
Existing Right of Way	Trees Conifer	Deciduous	Telephone Line		Ditch		
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line	Electric Line		Catch Basin		
Control Of Access C.O.A.	Water Edge		Water Line		Manhole		
New Right of Way	Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole		
New Easement	Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line		Utility Pole		
New Temporary Rights	Sign	Well WELL Mailbox	Guardrail		Fire Hydrant		
New R/W Within Existing R/W			Culvert		Curbing		

Cut Line C C C	Fill Line F F F
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found IRF	Pipe Found IPF
Replacement Pin Set	

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
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: _____
REGISTRAR

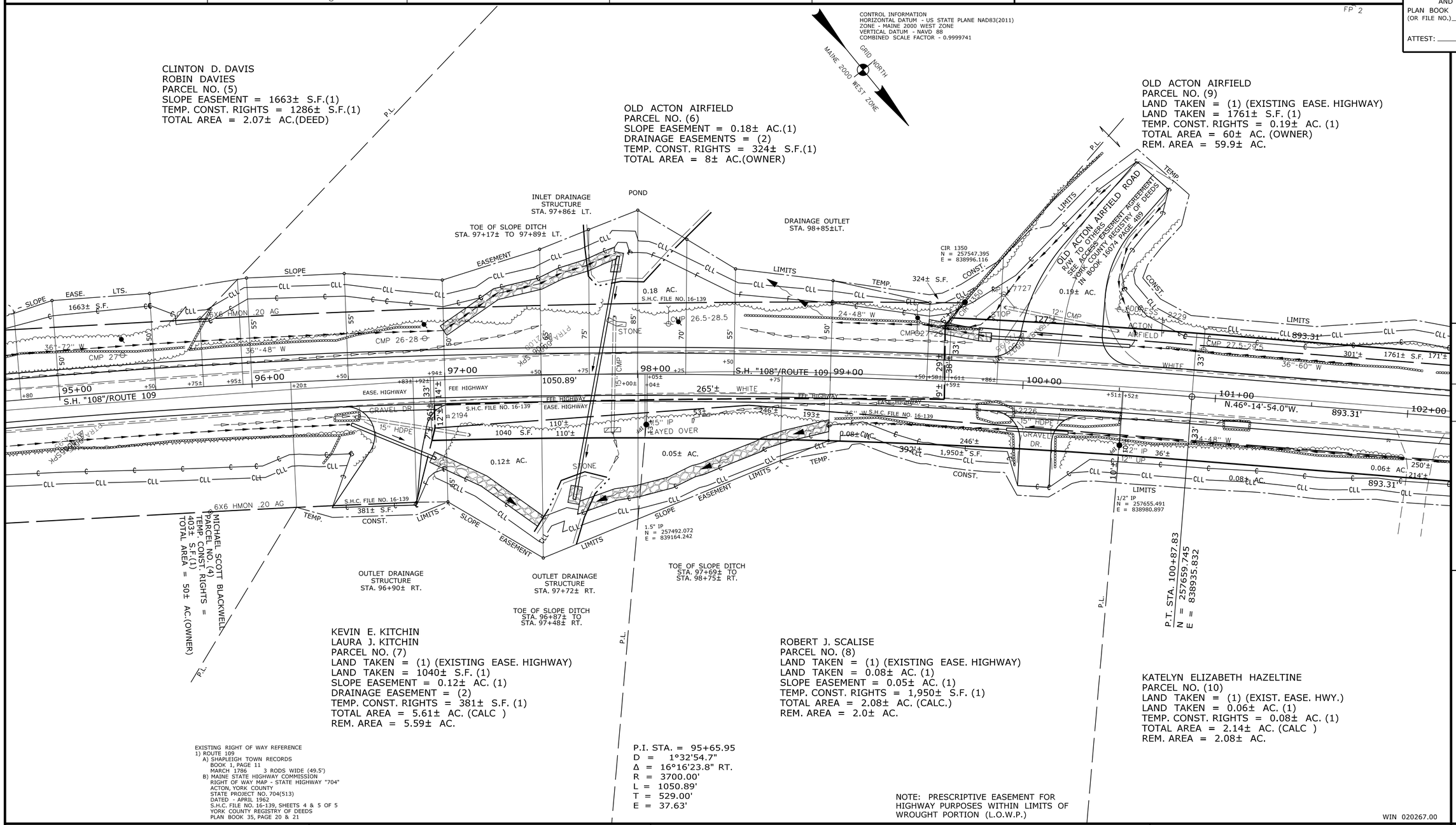
FP 2

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741
GRID NORTH
MAINE 2000 WEST ZONE

CLINTON D. DAVIS
ROBIN DAVIES
PARCEL NO. (5)
SLOPE EASEMENT = 1663± S.F.(1)
TEMP. CONST. RIGHTS = 1286± S.F.(1)
TOTAL AREA = 2.07± AC.(DEED)

OLD ACTON AIRFIELD
PARCEL NO. (6)
SLOPE EASEMENT = 0.18± AC.(1)
DRAINAGE EASEMENTS = (2)
TEMP. CONST. RIGHTS = 324± S.F.(1)
TOTAL AREA = 8± AC.(OWNER)

OLD ACTON AIRFIELD
PARCEL NO. (9)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1761± S.F. (1)
TEMP. CONST. RIGHTS = 0.19± AC. (1)
TOTAL AREA = 60± AC. (OWNER)
REM. AREA = 59.9± AC.



OUTLET DRAINAGE STRUCTURE STA. 96+90± RT.

OUTLET DRAINAGE STRUCTURE STA. 97+72± RT.

TOE OF SLOPE DITCH STA. 96+87± TO STA. 97+48± RT.

TOE OF SLOPE DITCH STA. 97+69± TO STA. 98+75± RT.

MICHAEL SCOTT BLACKWELL
PARCEL NO.(4)
TEMP. CONST. RIGHTS = 403± S.F.(1)
TOTAL AREA = 50± AC.(OWNER)

KEVIN E. KITCHIN
LAURA J. KITCHIN
PARCEL NO. (7)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1040± S.F. (1)
SLOPE EASEMENT = 0.12± AC. (1)
DRAINAGE EASEMENT = (2)
TEMP. CONST. RIGHTS = 381± S.F. (1)
TOTAL AREA = 5.61± AC. (CALC)
REM. AREA = 5.59± AC.

ROBERT J. SCALISE
PARCEL NO. (8)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.08± AC. (1)
SLOPE EASEMENT = 0.05± AC. (1)
TEMP. CONST. RIGHTS = 1,950± S.F. (1)
TOTAL AREA = 2.08± AC. (CALC.)
REM. AREA = 2.0± AC.

KATELYN ELIZABETH HAZELTINE
PARCEL NO. (10)
LAND TAKEN = (1) (EXIST. EASE. HWY.)
LAND TAKEN = 0.06± AC. (1)
TEMP. CONST. RIGHTS = 0.08± AC. (1)
TOTAL AREA = 2.14± AC. (CALC)
REM. AREA = 2.08± AC.

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE (49.5')
B) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE HIGHWAY "704"
ACTON, YORK COUNTY
STATE PROJECT NO. 704(513)
DATED - APRIL 1962
S.H.C. FILE NO. 16-139, SHEETS 4 & 5 OF 5
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 35, PAGE 20 & 21

P.I. STA. = 95+65.95
D = 1°32'54.7"
Δ = 16°16'23.8" RT.
R = 3700.00'
L = 1050.89'
T = 529.00'
E = 37.63'

NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION (L.O.W.P.)

WIN 020267.00

REVISIONS NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

ITEM	CHECKED	TECH
EXISTING CONDITION PLAN	C.W.K.	G.L.L.
FINAL RIGHT OF WAY		G.L.L.
AREAS		G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 4 OF 18	

SHEET NUMBER
159
OF 173

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:$date$

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W		Existing	Proposed		Existing	Proposed
Approx. Property Lines P.L.	Building	Clearing Limit Line	Sanitary Sewer		Traveled Way		
Existing Right of Way	Trees Conifer	Deciduous	Telephone Line		Ditch		
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line	Electric Line		Catch Basin		
Control Of Access C.O.A.	Water Edge		Water Line		Manhole		
New Right of Way	Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole		
New Easement	Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line		Utility Pole		
New Temporary Rights	Sign Well Mailbox		Guardrail		Fire Hydrant		
New R/W Within Existing R/W			Culvert		Curbing		

Cut Line C C C	Fill Line F F F	
Stonewall	Retaining Wall	
Baseline 10+00 11+00 12+00		
Monument	Traverse Point	
Iron Rod Found IRF	Pipe Found IPF	
Replacement Pin Set		

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h _____m _____M and
recorded in Plan Bk _____, Pg. _____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR = 0.9999741

GRID NORTH
MAINE 2000 WEST ZONE

FRANK B. HURD
DEBORAH A. HURD
PARCEL NO. (11)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1560± S.F. (1)
TEMP. CONST. RIGHTS = 1992± S.F. (1)
TOTAL AREA = 3.04 AC. (CALC)
REM. AREA = 3.00± AC.

OLD ACTON AIRFIELD
PARCEL NO. (13)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.08± AC. (1)
DRAINAGE EASEMENT = 180± S.F. (1)
TEMP. CONST. RIGHTS = 0.09± AC. (2)
TOTAL AREA = 54± AC. (OWNER)
REM. AREA = 53.92± AC.

OLD ACTON AIRFIELD
PARCEL NO. (9)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1761± S.F.
TEMP. CONST. RIGHTS = 0.19± AC. (1)
TOTAL AREA = 60± AC. (OWNER)
REM. AREA = 59.96± AC.

OUTLET DRAINAGE STRUCTURE
STA. 109+15 TO STA. 109+30 LT.
180± S.F. DRAIN. EASE. LTS.

S.H. "108"/ROUTE 109
N.46°-14'-54.0"W.
893.31'

KATELYN ELIZABETH HAZELTINE
PARCEL NO. (10)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.06± AC. (1)
TEMP. CONST. RIGHTS = 0.08± AC. (1)
TOTAL AREA = 2.14± AC. (CALC)
REM. AREA = 2.08± AC.

EDWARD A. FLAHERTY, SR.
PARCEL NO. (12)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.06± AC. (1)
SLOPE EASEMENT = 1739± S.F. (1)
TEMP. CONST. RIGHTS = 1531± S.F. (2)
TOTAL AREA = 2.19± AC. (CALC)
REM. AREA = 2.13± AC.

ROBERT G. MUSE
PAUL G. MUSE
PARCEL NO. (14)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.10± AC. (1)
SLOPE EASEMENT = 784± S.F. (1)
TEMP. CONST. RIGHTS = 0.09± AC. (1)
TOTAL AREA = 3.56± AC. (PLAN)
REM. AREA = 3.46± AC.

MUSE LANE
SEE ACCESS EASEMENT
RECORDED IN
YORK COUNTY REGISTRY OF DEEDS
IN BOOK 17340 PAGE 740

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE (49.5')

PLAN SHOWING LOT LINE ADJUSTMENTS FOR ENERGY MILLS ENERGY 384/19
BY CORNER POST LAND SURVEYING, INC.
DATED JUNE 7, 2016
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 384, PAGE 19

PLAN SHOWING A BOUNDARY SURVEY FOR KENNETH G. & DEBRA MUSE
BY MIDDLE BRANCH LAND SURVEYORS, INC
DATED - OCTOBER 18, 1989
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 185, PAGE 1

WIN 020267.00

ITEM	CHECKED
TECH	C.W.K.
EXISTING CONDITION PLAN	G.L.L.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK	PAGE	COUNTY RECORD			
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 5 OF 18	

SHEET NUMBER
160
OF 173

Date: $date$
Username: $user$
Division: $wkgroup$
Filename: $file$

PLAN LEGEND

Town, County, State		New R/W Along Existing R/W		Existing	Proposed	Existing	Proposed
Approx. Property Lines P.L.		Building	Clearing Limit Line	Sanitary Sewer		Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line		Ditch	
Limits of Wrought Portion L.O.W.P.		Tree Line	Bush Line	Electric Line	E	Catch Basin	
Control Of Access C.O.A.		Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line		Utility Pole	
New Temporary Rights		Sign	Well WELL Mailbox	Guardrail		Fire Hydrant	
New R/W Within Existing R/W				Culvert		Curbing	

Cut Line C C C	Fill Line F F F		
Stonewall	Retaining Wall		
Baseline 10+00 11+00 12+00			
Monument	Traverse Point		
Iron Rod Found IRF	Pipe Found IPF		
Replacement Pin Set			

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 ABUTTING PROPERTY OWNERS.

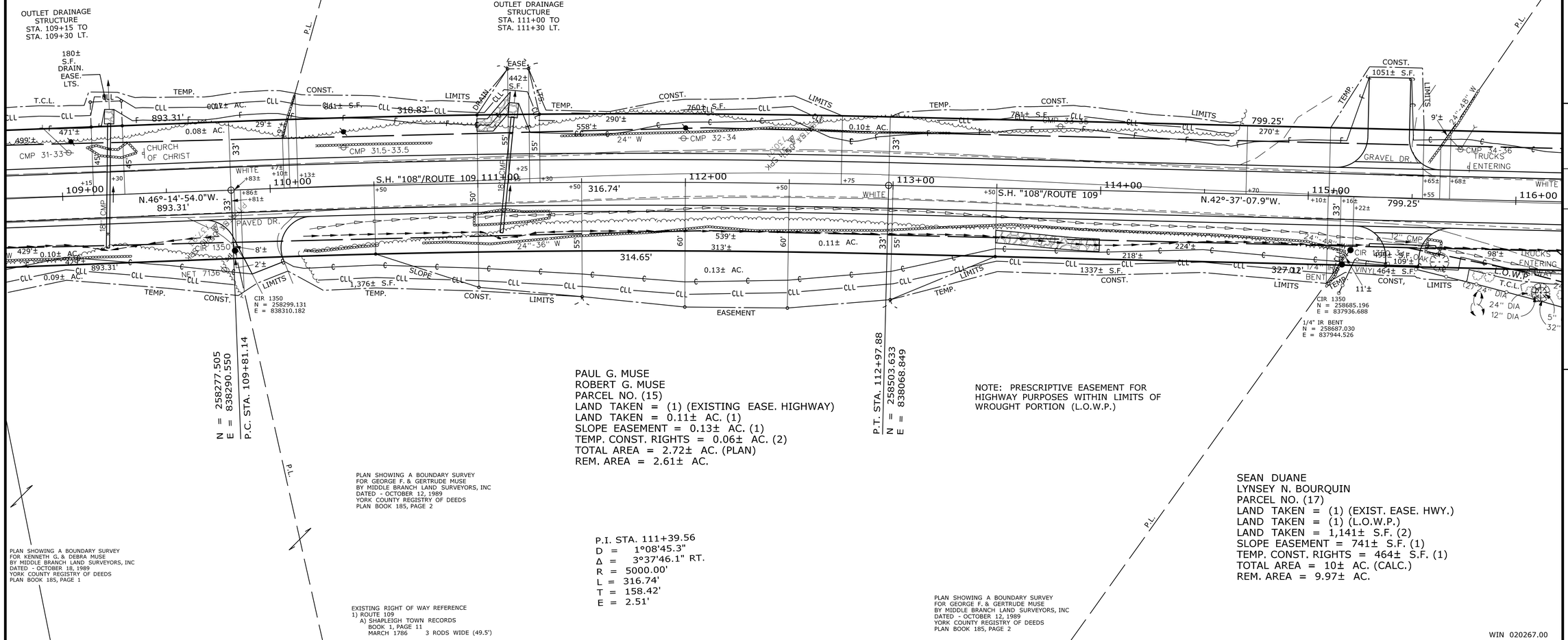
25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and
recorded in Plan Bk _____, Pg._____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741
GRID NORTH
MAINE 2000 WEST ZONE

OLD ACTON AIRFIELD
PARCEL NO. (13)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.08± AC. (1)
DRAINAGE EASEMENT = 180± S.F. (1)
TEMP. CONST. RIGHTS = .09± AC. (2)
TOTAL AREA = 54± AC. (OWNER)
REM. AREA = 53.92± AC.

STANLEY J. WALKER
JOSIE C. WALKER
PARCEL NO. (16)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.10± AC. (1)
DRAINAGE EASEMENT = 442± S.F. (1)
TEMP. CONST. RIGHTS = 0.08± AC. (4)
TOTAL AREA = 30± AC. (TOWN)
REM. AREA = 29.9± AC.



PAUL G. MUSE
ROBERT G. MUSE
PARCEL NO. (15)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.11± AC. (1)
SLOPE EASEMENT = 0.13± AC. (1)
TEMP. CONST. RIGHTS = 0.06± AC. (2)
TOTAL AREA = 2.72± AC. (PLAN)
REM. AREA = 2.61± AC.

NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION (L.O.W.P.)

SEAN DUANE
LYNSEY N. BOURQUIN
PARCEL NO. (17)
LAND TAKEN = (1) (EXIST. EASE. HWY.)
LAND TAKEN = (1) (L.O.W.P.)
LAND TAKEN = 1,141± S.F. (2)
SLOPE EASEMENT = 741± S.F. (1)
TEMP. CONST. RIGHTS = 464± S.F. (1)
TOTAL AREA = 10± AC. (CALC.)
REM. AREA = 9.97± AC.

PLAN SHOWING A BOUNDARY SURVEY
FOR KENNETH G. & DEBRA MUSE
BY MIDDLE BRANCH LAND SURVEYORS, INC
DATED - OCTOBER 18, 1989
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 185, PAGE 1

PLAN SHOWING A BOUNDARY SURVEY
FOR GEORGE F. & GERTRUDE MUSE
BY MIDDLE BRANCH LAND SURVEYORS, INC
DATED - OCTOBER 12, 1989
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 185, PAGE 2

P.I. STA. 111+39.56
D = 1°08'45.3"
Δ = 3°37'46.1" RT.
R = 5000.00'
L = 316.74'
T = 158.42'
E = 2.51'

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE (49.5')

PLAN SHOWING A BOUNDARY SURVEY
FOR GEORGE F. & GERTRUDE MUSE
BY MIDDLE BRANCH LAND SURVEYORS, INC
DATED - OCTOBER 12, 1989
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 185, PAGE 2

WIN 020267.00

REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD					
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

ITEM	CHECKED			
EXISTING CONDITION PLAN	C.W.K.			
FINAL RIGHT OF WAY	G.L.L.	G.L.L.	G.L.L.	
AREAS	G.L.L.			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 6 OF 18	

SHEET NUMBER
161
OF 173

Filename: $file$ Division: $wkgroup$ Username: $user$ Date:$date$

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Sanitary Sewer (Existing / Proposed)	Traveled Way (Existing / Proposed)
Approx. Property Lines P.L.	Building / Clearing Limit Line	Telephone Line (Existing / Proposed)	Ditch (Existing / Proposed)
Existing Right of Way	Trees Conifer / Deciduous	Electric Line (Existing / Proposed)	Catch Basin (Existing / Proposed)
Limits of Wrought Portion L.O.W.P.	Tree Line / Bush Line	Water Line (Existing / Proposed)	Manhole (Existing / Proposed)
Control Of Access C.O.A.	Water Edge	Underdrain Line (Existing / Proposed)	Sewer Manhole (Existing / Proposed)
New Right of Way	Ledge / Rock/Boulder / Flag Pole	Gas Line (Existing / Proposed)	Utility Pole (Existing / Proposed)
New Easement	Fence CHAIN LINK / BARB WIRE / STOCKADE	Guardrail (Existing / Proposed)	Fire Hydrant (Existing / Proposed)
New Temporary Rights	Sign / Well WELL / Mailbox	Culvert (Existing / Proposed)	Curbing (Existing / Proposed)
New R/W Within Existing R/W			

Cut Line C C C — Fill Line F F F
Stonewall — Retaining Wall
Baseline 10+00 11+00 12+00
Monument — Traverse Point
Iron Rod Found ● IRF — Pipe Found ● IPF
Replacement Pin Set ◎

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and
recorded in Plan Bk _____, Pg._____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

GRID NORTH
MAINE 2000 WEST ZONE

CONRAD R. GAGNE
JANET A. GAGNE
PARCEL NO. (18)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.07± AC. (1)
TEMP. CONST. RIGHTS = 1619± S.F. (2)
TOTAL AREA = 2.32± AC. (CALC)
REM. AREA = 2.25± AC.

TIMOTHY M. GREENE, SR.
KAREN E. GREENE
PARCEL NO. (20)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.05± AC. (1)
TEMP. CONST. RIGHTS = 0.05± AC. (1)
TOTAL AREA = 2.22± AC. (CALC)
REM. AREA = 2.17± AC.

P.I. STA. 122+70.56
D = 2°17'30.6"
Δ = 7°56'11.6" LT.
R = 2500.00'
L = 346.30'
T = 173.43'
E = 6.01'

N = 259091.787
E = 837527.657
P.C. STA. 120+97.13

NANCY E. SEWELL
DEBORAH A. GARDELL
PARCEL NO. (21)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
TEMP. CONST. RIGHTS = 1438± S.F. (1) 1178± S.F. (2)
TOTAL AREA = 115± AC. (CALC.)
REM. AREA = 114.97± AC.

2" IP
N = 259195.016
E = 837393.242

2" IP
N = 258996.052
E = 837580.541

N = 258870.434
E = 837843.295
P.T. STA. 340+92.37

2" IP
N = 258861.998
E = 837787.406

NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION (L.O.W.P.)

SEAN DUANE
LYNSEY N. BOURQUIN
PARCEL NO. (17)
LAND TAKEN = (1) (EXIST. EASE. HWY.)
LAND TAKEN = (1) (L.O.W.P.)
LAND TAKEN = 1,141± S.F. (2)
SLOPE EASEMENT = 741± S.F. (1)
TEMP. CONST. RIGHTS = 464± S.F.. (1)
TOTAL AREA = 10± AC. (CALC.)
REM. AREA = 9.97± AC.

GARVIN ROAD
P.I. STA. 340+58.37
D = 71°37'11.0"
Δ = 52°46'25.7" LT.
R = 80.00'
L = 73.69'
T = 39.69'
E = 9.30'

STA. 340+00.00
N = 258791.400
E = 837804.060

STA. 340+18.68
N = 258804.049
E = 837817.810

STA. 342+00.00
N = 258977.590
E = 837833.193

NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION (L.O.W.P.)

GESINE WELLER
PARCEL NO. (19)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = (1) (L.O.W.P.)
LAND TAKEN = 0.23± AC. (1)
SLOPE EASEMENT = 0.10± AC. (1)
TEMP. CONST. RIGHTS = 0.23± AC. (2)
TOTAL AREA = 10.72± AC. (CALC)
REM. AREA = 10.49± AC.

STANDARD BOUNDARY SURVEY
FOR LOUISE E. HORN
BY AMOS J. GAY PROFESSIONAL LAND SURVEYOR
DATED - JUNE 11, 2000
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 259, PAGE 9

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE (49.5')

3) GARVIN ROAD & YOUNGS RIDGE ROAD
A) HISTORY OF SHAPLEIGH, MAINE
BY REV. AMASA LORING, PRINTED BY B. THURSTON
PAGE 14 - LOTTING & APPROPRIATING
DATED - 1854 2 RODS WIDE.
NEW YORK PUBLIC LIBRARY
NYPL RESEARCH LIBRARIES - 3 3433 07954301 7

WIN 020267.00

REVISIONS NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 7 OF 18	

SHEET NUMBER
162
OF 173

ITEM	CHECKED	TECH
EXISTING CONDITION PLAN	C.W.K.	G.L.L.
FINAL RIGHT OF WAY	G.L.L.	G.L.L.
AREAS	G.L.L.	G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

Filename: $file$ Division: $wkgroup$ Username: $user$ Date: $date$

Filename: $file$ Division: $wkgroup$ Username: $user$ Date: $date$

PLAN LEGEND

Town, County, State		New R/W Along Existing R/W		Existing	Proposed	Existing	Proposed
Approx. Property Lines	P.L.	Building	Clearing Limit Line	Sanitary Sewer		Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line		Ditch	
Limits of Wrought Portion	L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin	
Control Of Access	C.O.A.	Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge	Rock/Boulder	Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK	BARB WIRE / STOCKADE	Gas Line		Utility Pole	
New Temporary Rights		Sign	Well / Mailbox	Guardrail		Fire Hydrant	
New R/W Within Existing R/W				Culvert		Curbing	

Cut Line C—C—C Fill Line F—F—F
Stonewall Retaining Wall
Baseline 10+00 11+00 12+00
Monument Traverse Point
Iron Rod Found ● IRF Pipe Found ● IPF
Replacement Pin Set ◎

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h _____m _____M and
recorded in Plan Bk _____, Pg. _____
Attest: _____
REGISTER

PLAN SHOWING A STANDARD BOUNDARY AND SITE SURVEY FOR SPRINGVALE CONGREGATION OF JEHOVAH'S WITNESS BY CORNER POST LAND SURVEYING DATED - JANUARY 13, 1994 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 217, PAGE 18

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

GRID NORTH
MAINE 2000 WEST ZONE

P.I. STA. 122+70.56
D = 2°17'30.6"
Δ = 7°56'11.6" LT.
R = 2500.00'
L = 346.30'
T = 173.43'
E = 6.01'

NANCY E. SEWELL
DEBORAH A. GARDELL
PARCEL NO. (21)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY) 1438± S.F. (1)
TEMP. CONST. RIGHTS = 115± S.F. (2)
TOTAL AREA = 1,178± AC. (CALC.)
REM. AREA = 114.97± AC.

ARTHUR S. DENHAM
KATHERINE R. NOLAN-DENHAM
PARCEL NO. (22)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.07± AC. (1)
DRAINAGE EASEMENT = 333± S.F. (1)
TEMP. CONST. RIGHTS = 1056± S.F.(2)
TOTAL AREA = 2.97± AC. (CALC)
REM. AREA = 2.90± AC.

DAVID WOOSTER
LORA WOOSTER
PARCEL NO. (23)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1319± S.F. (2)
TEMP. CONST. RIGHTS = 1424± S.F. (2)
TOTAL AREA = 2.23± AC. (CALC)
REM. AREA = 2.19± AC.

GESINE WELLER
PARCEL NO. (19)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = (1) (L.O.W.P.)
LAND TAKEN = 0.23± AC. (1)
SLOPE EASEMENT = 0.10± AC. (1)
TEMP. CONST. RIGHTS = 0.23± AC. (2)
TOTAL AREA = 10.72± AC. (CALC.)
REM. AREA = 10.49± AC.

GESINE WELLER
PARCEL NO. (57)
LAND TAKEN = = (1) (EXISTING EASE. HIGHWAY) 1899± S.F. (1)
TEMP. CONST. RIGHTS = 3143 S.F. (1)
TOTAL AREA = 2.00± AC. (CALC.) (1)
REM. AREA = 1.96± AC.

P.I. STA. 128+56.90
D = 3°22'13.2"
Δ = 12°56'47.4" RT.
R = 1700.00'
L = 384.13'
T = 192.89'
E = 10.91'

P.T. STA. 124+43.43
N = 259329.590
E = 837276.300

P.C. STA. 126+64.01
N = 259469.730
E = 837105.962

3/8" REBAR N = 259274.660 E = 837296.822
CIR N = 259278.601 E = 837300.632
CIR BENT N = 259331.120 E = 837238.880
CIR 1350 N = 259477.852 E = 837060.052
1" IP N = 259670.697 E = 836870.372

OUTLET DRAINAGE STRUCTURE STA. 124+55 TO STA. 124+85 LT.

S.H. "108"/ROUTE 109
N.50°-33'-19.5"W.
346.30'
220.58'
384.13'
350.87'
396.67'
341.73'
PAVE DRV-POSSIBLY WIDENED

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE (49.5')

STANDARD BOUNDARY SURVEY
FOR LOUISE E. HORN
BY AMOS J. GAY PROFESSIONAL LAND SURVEYOR
DATED - JUNE 11, 2000
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 259, PAGE 9

WIN 020267.00

REVISIONS NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

ITEM	CHECKED
EXISTING CONDITION PLAN	G.L.L.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.
TECH	C.W.K.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 8 OF 18	

SHEET NUMBER
163
OF 173

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Sanitary Sewer	Traveled Way
Approx. Property Lines P.L.	Building / Clearing Limit Line	Telephone Line	Ditch
Existing Right of Way	Trees Conifer / Deciduous	Electric Line	Catch Basin
Limits of Wrought Portion L.O.W.P.	Tree Line / Bush Line	Water Line	Manhole
Control Of Access C.O.A.	Water Edge	Underdrain Line	Sewer Manhole
New Right of Way	Ledge / Rock/Boulder / Flag Pole	Gas Line	Utility Pole
New Easement	Fence CHAIN LINK / BARB WIRE / STOCKADE	Guardrail	Fire Hydrant
New Temporary Rights	Sign / Well / Mailbox	Culvert	Curbing
New R/W Within Existing R/W			

Existing / Proposed

Cut Line C C C	Fill Line F F F
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found ● IRF	Pipe Found ● IPF
Replacement Pin Set	

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and
recorded in Plan Bk _____, Pg._____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

GRID NORTH
MAINE 2000 WEST ZONE

P.I.STA. 137+99.60
D = 1°08'45.3"
Δ = 5°04'26.2" LT.
R = 5000.00'
L = 442.79'
T = 221.54'
E = 4.91'

DEAN A. KNIGHT
PARCEL NO. (24)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.05± AC. (1)
TEMP. CONST. RIGHTS = 1,550± S.F. (2)
TOTAL AREA = 2.64± AC. (CALC)
REM. AREA = 2.59± AC.

RICHARD G. WISWELL
PARCEL NO. (26)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.17± AC. (1)
TEMP. CONST. RIGHTS = 0.09± AC. (2)
TOTAL AREA = 60± AC. (DEED)
REM. AREA = 59.83± AC.

N = 260164.884
E = 836515.898
P.C. STA. 135+78.06

GESINE WELLER
PARCEL NO. (57)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1899± S.F. (1)
TEMP. CONST. RIGHTS = 3143 S.F. (1)
TOTAL AREA = 2.00± AC.. (CALC.)
REM. AREA = 1.96± AC.

P.T. STA. 130+48.14
N = 259745.081
E = 836839.294

KENNETH D. JOY
ERICA J. JOY
PARCEL NO. (25)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1870± S.F. (1)
TEMP. CONST. RIGHTS = 0.07± AC. (1)
TOTAL AREA = 4.10± AC. (CALC.)
REM. AREA = 4.06± AC.

RONALD D. HOULE
NOLVIA J. HOULE
PARCEL NO. (27)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1828± S.F. (1)
TEMP. CONST. RIGHTS = 0.05± AC. (1)
TOTAL AREA = 4.29± AC. (CALC.)
REM. AREA = 4.25± AC.

P.I. STA. 128+56.90
D = 3°22'13.2"
Δ = 12°56'47.4" RT.
R = 1700.00'
L = 384.13'
T = 192.89'
E = 10.91'

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE (49.5')

PROPOSED SUBDIVISION
C.A.T. REVOCABLE TRUST OF 1999
CATHERINE TURCOTTE, TRUSTEE
BY GREAT EAST LAND SURVEY CO.
DATED - OCTOBER 2003
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 272, PAGE 49

THEODORE A. RUMRILL
PARCEL NO. (28)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
TEMP. CONST. RIGHTS = 1606± S.F.
TOTAL AREA = 4.58± AC. = 1828± S.F. (1)
REM. AREA = 4.54± AC. (CALC.)

CIR 1137
N = 259871.829
E = 836770.343

CIR BENT
N = 260072.411
E = 836618.869

CIR GREAT EAST
N = 260269.534
E = 836467.231

WIN 020267.00

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.
TECH	G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD					
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 9 OF 18	

SHEET NUMBER
164
OF 173

Filename: $file$ Division: $wkgroup$ Username: $user$ Date: $date$

PLAN LEGEND

Town, County, State		New R/W Along Existing R/W		Existing	Proposed	Existing	Proposed
Approx. Property Lines	P.L.	Building	Clearing Limit Line	Sanitary Sewer		Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line		Ditch	
Limits of Wrought Portion	L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin	
Control Of Access	C.O.A.	Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge	Rock/Boulder	Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK	BARB WIRE / STOCKADE	Gas Line		Utility Pole	
New Temporary Rights		Sign	Well WELL	Guardrail		Fire Hydrant	
New R/W Within Existing R/W			Mailbox	Culvert		Curbing	

Cut Line C C C	Fill Line F F F	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 ABUTTING PROPERTY OWNERS.	STATE OF MAINE REGISTRY OF DEEDS
Stonewall	Retaining Wall		COUNTY _____
Baseline 10+00 11+00 12+00		25 0 25 50 75 100	RECEIVED _____, _____
Monument	Traverse Point	Scale of Feet	at _____h _____m _____M and
Iron Rod Found ● IRF	Pipe Found ● IPF		recorded in Plan Bk _____, Pg._____
Replacement Pin Set			Attest: _____ REGISTER

P.I.STA. 137+99.60
D = 1°08'45.3"
Δ = 5°04'26.2" LT.
R = 5000.00'
L = 442.79'
T = 221.54'
E = 4.91'

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

GRID NORTH
MAINE 2000 WEST ZONE

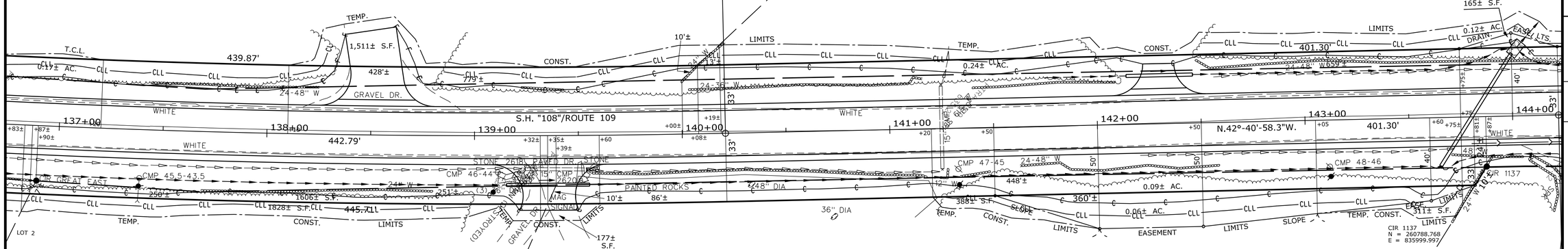
PLAN SHOWING A BOUNDARY SURVEY FOR
NANCY J. BELL
BY CORNER POST LAND SURVEYING, INC.
DATED JUNE 28, 2014
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 372, PAGE 49

RICHARD G. WISWELL
PARCEL NO. (26)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.17± AC. (1)
TEMP. CONST. RIGHTS = 0.09± AC. (2)
TOTAL AREA = 60± AC. (DEED)
REM. AREA = 59.83± AC.

DANIEL J. REED
ASHLEY S. REED
PARCEL NO. (30)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.24± AC. (1)
DRAINAGE EASEMENTS = 165± S.F. (3)
TEMP. CONST. RIGHTS = 0.15± AC. (2)
TOTAL AREA = 9.36± AC. (DEED)
REM. AREA = 9.12± AC.

P.T. STA. 140+20.85
N = 260503.242
E = 836230.511

OUTLET DRAINAGE
STA. 143+75 TO
P.C. STA. 144+22.15 LT.



PROPOSED SUBDIVISION
C.A.T. REVOCABLE TRUST OF 1999
CATHERINE TURCOTTE, TRUSTEE
BY GREAT EAST LAND SURVEY CO.
DATED - OCTOBER 2003
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 272, PAGE 49

THEODORE A. RUMRILL
PARCEL NO. (28)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1606± S.F. (1)
TEMP. CONST. RIGHTS = 1828± S.F. (1)
TOTAL AREA = 4.58± AC.. (CALC)
REM. AREA = 4.54± AC.

JOAN C. NICHOLSON
HEIRS OF CLIFFORD D. NICHOLSON
PARCEL NO. (29)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.09± AC. (1)
SLOPE EASEMENT = 0.06± AC. (1)
TEMP. CONST. RIGHTS = 876± S.F. (3)
TOTAL AREA = 7.11± AC. (DEED)
REM. AREA = 7.02± AC.

TOWN OF ACTON
PARCEL NO. (31)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
TOTAL AREA = 18.47± AC. (CALC)

N = 260798.247
E = 835958.452
P.C. STA. 144+22.15

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE (49.5')

STANDARD BOUNDARY SURVEY
FOR LOUISE E. HORN
BY AMOS J. GAY PROFESSIONAL LAND SURVEYOR
DATED - JUNE 11, 2000
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 259, PAGE 9

WIN 020267.00

ITEM	CHECKED	TECH
EXISTING CONDITION PLAN	C.W.K.	G.L.L.
FINAL RIGHT OF WAY		G.L.L.
AREAS		G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK		PAGE	COUNTY RECORD		
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 10 OF 18	

SHEET NUMBER
165
OF 173

Date:$date$
Username: $user$
Division: $wkgroup$
Filename: $file$

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W		Existing	Proposed		Existing	Proposed
Approx. Property Lines P.L.	Building	Clearing Limit Line	Sanitary Sewer		Traveled Way		
Existing Right of Way	Trees Conifer	Deciduous	Telephone Line		Ditch		
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line	Electric Line		Catch Basin		
Control Of Access C.O.A.	Water Edge		Water Line		Manhole		
New Right of Way	Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole		
New Easement	Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line		Utility Pole		
New Temporary Rights	Sign	Well WELL Mailbox	Guardrail		Fire Hydrant		
New R/W Within Existing R/W			Culvert		Curbing		

Cut Line C C C	Fill Line F F F	
Stonewall	Retaining Wall	
Baseline 10+00 11+00 12+00		
Monument	Traverse Point	
Iron Rod Found IRF	Pipe Found IPF	
Replacement Pin Set		

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

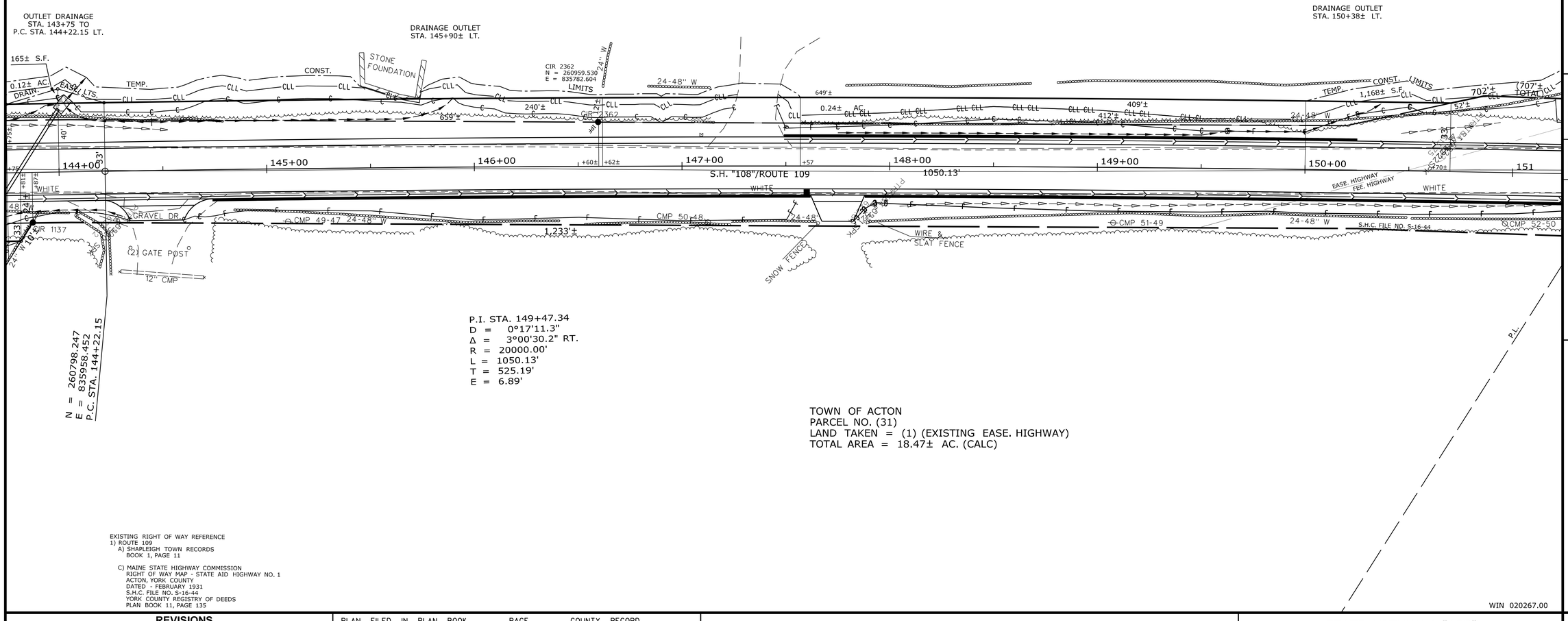
STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h _____m _____M and
recorded in Plan Bk _____, Pg. _____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

GRID NORTH
MAINE 2000 WEST ZONE

PLAN SHOWING A BOUNDARY SURVEY FOR
NANCY J. BELL
BY CORNER POST LAND SURVEYING, INC.
DATED JUNE 28, 2014
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 372, PAGE 49

DANIEL J. REED
ASHLEY S. REED
PARCEL NO. (30)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.24± AC. (1)
DRAINAGE EASEMENTS = 165± S.F. (3)
TEMP. CONST. RIGHTS = 0.15± AC. (2)
TOTAL AREA = 9.36± AC. (DEED)
REM. AREA = 9.12± AC.



TOWN OF ACTON
PARCEL NO. (31)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
TOTAL AREA = 18.47± AC. (CALC)

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11

C) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE AID HIGHWAY NO. 1
ACTON, YORK COUNTY
DATED - FEBRUARY 1931
S.H.C. FILE NO. S-16-44
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 11, PAGE 135

WIN 020267.00

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.
TECH	G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 11 OF 18	

SHEET NUMBER
166
OF 173

Date: $date$
Username: $user$
Division: $wkgroup$
Filename: $file$

PLAN LEGEND

Town, County, State		New R/W Along Existing R/W			Existing	Proposed	
Approx. Property Lines P.L.		Building	Clearing Limit Line	Sanitary Sewer			Traveled Way
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line			Ditch
Limits of Wrought Portion L.O.W.P.		Tree Line	Bush Line	Electric Line	E	E	Catch Basin
Control Of Access C.O.A.		Water Edge		Water Line	W	W	Manhole
New Right of Way		Ledge	Rock/Boulder Flag Pole	Underdrain Line			Sewer Manhole
New Easement		Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line			Utility Pole
New Temporary Rights		Sign	Well WELL Mailbox	Guardrail			Fire Hydrant
New R/W Within Existing R/W				Culvert			Curbing

Cut Line C C C	Fill Line F F F		
Stonewall	Retaining Wall		
Baseline 10+00	11+00	12+00	
Monument	Traverse Point		
Iron Rod Found IRF	Pipe Found IPF		
Replacement Pin Set			

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and
recorded in Plan Bk _____, Pg._____
Attest: _____
REGISTER

PLAN SHOWING A BOUNDARY SURVEY FOR NANCY J. BELL BY CORNER POST LAND SURVEYING, INC. DATED JUNE 28, 2014 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 372, PAGE 49

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

GRID NORTH
MAINE 2000 WEST ZONE

MONARCH MOUNTAIN MINERALS AND AGGREGATES, LLC
PARCEL NO. (32)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.37± AC (2)
SLOPE EASEMENTS = 0.51± AC.(3)
DRAINAGE EASEMENTS = (1)
TEMP. CONST. RIGHTS = 0.32± AC.(4)
TOTAL AREA = 64.00± AC.(TOWN)
REM. AREA = 63.63± AC.

P.I. STA. 158+26.01
D = 5°35'23.4"
Δ = 27°04'26.7" LT.
R = 1025.00'
L = 484.35'
T = 246.78'
E = 29.29'

DANIEL J. REED
ASHLEY S. REED
PARCEL NO. (30)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.24± AC. (1)
DRAINAGE EASEMENTS = 165± S.F. (3)
TEMP. CONST. RIGHTS = 0.15± AC. (2)
TOTAL AREA = 9.36± AC. (DEED)
REM. AREA = 9.12± AC.

NATHAN M. GARDNER
PARCEL NO. (34)
SLOPE EASEMENT = 1377± S.F.(1)
DRAINAGE EASEMENTS = 0.05± AC.(2)
TEMP. CONST. RIGHTS = 0.13± AC.(2)
TOTAL AREA = 0.83± AC.(CALC.)

P.I. STA. = 149+47.34
D = 0°17'11.3"
Δ = 3°00'30.2" RT.
R = 20000.00'
L = 1050.13'
T = 525.19'
E = 6.89'

WILLIAM K. WALKER
PARCEL NO. (35)
TEMP. CONST. RIGHTS = 128± S.F.(1)
TOTAL AREA = 2.54± AC.(SURVEY)

NATHAN M. GARDNER
PARCEL NO. (33)
SLOPE EASEMENT = 0.11± AC. (1)
TEMP. CONST. RIGHTS = 1,821± S.F. (2)
TOTAL AREA = 4.1± AC. (TOWN)

ESTATE OF CAROLYN G. ISHAM
PARCEL NO. (36)
TEMP. CONST. RIGHTS = 739± S.F.(1)
TOTAL AREA = VAST HOLDINGS

LISA M. HUPE
DONALD D. HUPE
PARCEL NO. (37)
CHANNEL DIVERSION EASEMENT = 828± S.F.(1)
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 1,516± S.F.(1)
TOTAL AREA = 0.82± AC. (TOWN)

MARK J. CAMIRE
PARCEL NO. (38)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1,163± S.F. (1)
CHANNEL DIVERSION EASEMENTS = 1,320± S.F. (1)
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 0.06± AC. (2)
TOTAL AREA = 1.68± AC. (CALC)
REM. AREA = 1.65± AC.

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS BOOK 1, PAGE 11
C) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP - STATE AID HIGHWAY NO. 1 ACTON, YORK COUNTY DATED - FEBRUARY 1931 S.H.C. FILE NO. S-16-44 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 11, PAGE 135

PLAN SHOWING WILSON LAKE LOTS OWNED BY WILFRED J. DUTILE BY MAURICE S. BUTLER YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 35, PAGE 7

STANDARD BOUNDARY SURVEY FOR WILLIAM K. WALKER BY GREAT EAST LAND SURVEY CO. DATED - OCTOBER 2007 YORK COUNTY REGISTRY OF DEEDS PLAN BOOK 326, PAGE 13

WILSON LAKE BRIDGE OVER WILSON BROOK
BRIDGE NO. 6700 WIN 020267.00

REVISIONS NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE	COUNTY RECORD NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 12 OF 18	

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.
	G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

SHEET NUMBER
167
OF 173

Filename: $file$ Division: $wkgroup$ Username: $user$ Date: $date$

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Sanitary Sewer	Existing / Proposed	Traveled Way	Existing / Proposed	Cut Line	Fill Line
Approx. Property Lines P.L.	Building	Telephone Line		Ditch		Stonewall	Retaining Wall
Existing Right of Way	Clearing Limit Line	Electric Line		Catch Basin		Baseline 10+00 11+00 12+00	
Limits of Wrought Portion L.O.W.P.	Trees Conifer Deciduous	Water Line		Manhole		Monument	Traverse Point
Control Of Access C.O.A.	Tree Line Bush Line	Underdrain Line		Sewer Manhole		Iron Rod Found IRF	Pipe Found IPF
New Right of Way	Water Edge	Gas Line		Utility Pole		Replacement Pin Set	
New Easement	Ledge Rock/Boulder Flag Pole	Guardrail		Fire Hydrant			
New Temporary Rights	Fence CHAIN LINK BARB WIRE STOCKADE	Culvert		Curbing			
New R/W Within Existing R/W	Sign Well WELL Mailbox						

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY _____
RECEIVED _____, _____
at _____h _____m _____M and
recorded in Plan Bk _____, Pg. _____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

MAINE 2000 WEST ZONE GRID NORTH

P.I. STA. 158+26.01
D = 5°35'23.4"
Δ = 27°04'26.7" LT.
R = 1025.00'
L = 484.34'
T = 246.78'
E = 29.29'

P.I. STA. 165+48.41
D = 4°57'38.4"
Δ = 25°24'56.4" LT.
R = 1155.00'
L = 512.35'
T = 260.46'
E = 29.00'

P.T. STA. 160+63.57
N = 261958.225
E = 834814.550

P.C. STA. 162+87.95
N = 262046.804
E = 834608.392

CIR 2362
N = 261938.204
E = 834771.513

CIR 2362
N = 262066.951
E = 834458.194

MONARCH MOUNTAIN MINERALS AND AGGREGATES, LLC
PARCEL NO. (32)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.37± AC (2)
SLOPE EASEMENTS = 0.51± AC.(3)
DRAINAGE EASEMENTS = (1)
TEMP. CONST. RIGHTS = 0.32± AC.(4)
TOTAL AREA = 64.00± AC.(TOWN)
REM. AREA = 63.63± AC.

MARK J. CAMIRE
PARCEL NO. (38)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 1,163± S.F. (1)
CHANNEL DIVERSION EASEMENTS = 1,320± S.F. (1)
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 0.06± AC. (2)
TOTAL AREA = 1.68± AC. (CALC)
REM. AREA = 1.65± AC.

WARREN M. FEELEY
GWENDOLYN A. FEELEY
PARCEL NO. (39)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.09± AC. (1)
SLOPE EASEMENTS = 873± S.F. (1)
DRAINAGE EASEMENT = 187± S.F. (1)
TEMP. CONST. RIGHTS = 0.08± AC. (1)
TOTAL AREA = 1.68± AC. (CALC)
REM. AREA = 1.59± AC.

DANIEL T. KATRYCZ
PARCEL NO. (40)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.05± AC.
SLOPE EASEMENTS = 0.06± AC. (1)
TEMP. CONST. RIGHTS = 895± S.F. (1)
TOTAL AREA = 0.77± AC. (CALC)
REM. AREA = 0.72± AC.

DEBORAH BAKER
PARCEL NO. (41)
LAND TAKEN = (1)
(EXISTING EASE. HIGHWAY)
LAND TAKEN = 601± S.F. (1)
TEMP. CONST. RIGHTS = 624± S.F. (1)
TOTAL AREA = 29,228± S.F.. (CALC)
REM. AREA = 28,627± S.F..

OUTLET DRAINAGE STRUCTURE
STA. 160+42 TO STA. 160+57 RT.

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11

C) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE AID HIGHWAY NO. 1
ACTON, YORK COUNTY
DATED - FEBRUARY 1931
S.H.C. FILE NO. S-16-44
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 11, PAGE 135

STANDARD BOUNDARY SURVEY
FOR ALBERT L. & MARION P. SEWARD
BY GREAT EAST LAND SURVEY CO.
DATED - OCTOBER 1992
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 210, PAGE 6

WIN 020267.00

REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD					
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 13 OF 18	

ITEM	CHECKED	TECH
EXISTING CONDITION PLAN	C.W.K.	G.L.L.
FINAL RIGHT OF WAY		G.L.L.
AREAS		G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

SHEET NUMBER
168
OF 173

Date:$date$ Username: $user$ Division: $wkgroup$ Filename: $file$

Date: $date$
Username: $user$
Division: $wkgroup$
Filename: $file$

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W		Existing	Proposed		Existing	Proposed
Approx. Property Lines P.L.	Building	Clearing Limit Line	Sanitary Sewer		Traveled Way		
Existing Right of Way	Trees Conifer	Deciduous	Telephone Line		Ditch		
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin		
Control Of Access C.O.A.	Water Edge		Water Line	W	Manhole		
New Right of Way	Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole		
New Easement	Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line		Utility Pole		
New Temporary Rights	Sign	Well WELL Mailbox	Guardrail		Fire Hydrant		
New R/W Within Existing R/W			Culvert		Curbing		

Cut Line C C C	Fill Line F F F		
Stonewall	Retaining Wall		
Baseline 10+00	11+00	12+00	
Monument	Traverse Point		
Iron Rod Found IRF	Pipe Found IPF		
Replacement Pin Set			

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h _____m _____M and
recorded in Plan Bk _____, Pg. _____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

MAINE 2000 WEST ZONE
GRID NORTH

P.I. STA. 165+48.41
D = 4°57'38.4"
Δ = 25°24'56.4" LT.
R = 1155.00'
L = 512.35'
T = 260.46'
E = 29.00'

MONARCH MOUNTAIN MINERALS AND AGGREGATES, LLC
PARCEL NO. (32)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.37± AC (2)
SLOPE EASEMENTS = 0.51± AC.(3)
DRAINAGE EASEMENTS = (1)
TEMP. CONST. RIGHTS = 0.32± AC.(4)
TOTAL AREA = 64.00± AC.(TOWN)
REM. AREA = 63.63± AC.

P.R.C. STA. 168+00.30
262,139.787
834108.819
N E

CIR 1223
N = 262118.303
E = 834097.072

CIR 2362
N = 262106.120
E = 833984.186

CIR 2362
N = 262179.757
E = 833743.711

CIR 1308
N = 262254.591
E = 833752.776

1/2" IP
N = 262361.186
E = 833787.980

3/4" IP
N = 262336
E = 833701

497.71'
512.35'
486.66'
434'±
211'±
169'±
135'±
381'±
366±
429'±
1205± S.F. TEMP.
573± S.F.
386± S.F.
451± S.F.
494± S.F.
1,905± S.F.
0.33± AC.
0.40± AC.
0.05± AC.
0.06± AC.
0.13± AC.
133± S.F.
0.07± AC.
0.32± AC.
0.55± AC.
0.19± AC.

S.H. "108"/ROUTE 109
GRAVEL DR. 2908
TRUCKS ENTERING HIGHWAY
GRAVEL DR.
NETT59
CMP 59-60
CMP 62
CMP 63
1" IP
1/2" IP
4"X4" CONC W/DH
N = 262190.815
E = 834192.768
4"X4" CONC
3X3 CMON
.20 AG
7 TH RD. R/W TO OTHERS
DRAINAGE OUTLET
STA. 168+85± RT.
OUTLET DRAINAGE STRUCTURE
STA. 170+40 TO STA. 170+60 RT.
5' CONCRETE
P.I. STA. 170+55.29
D = 8°40'52.2"
Δ = 42°14'52.6" RT.
R = 660.00'
L = 486.66'
T = 254.99'
E = 47.54'

VICKI LYNN SCENA
PARCEL NO. (45)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.13± AC. (1)
DRAINAGE EASEMENTS = 133± S.F. (2)
TEMP. CONST. RIGHTS = 0.07± AC. (3)
TOTAL AREA = 2.81± AC. (CALC)
REM. AREA = 2.68± AC.

PLAN OF LAND
FOR THE ESTATE OF KATHLEEN HORN
BY MCENEANEY SURVEY ASSOCIATES
DATED - DECEMBER 7, 1989
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 188, PAGE 50

WHITNEY-NORTH REALTY TRUST
SUSAN A. WHITNEY
JON C. WHITNEY, CO-TRUSTEES
PARCEL NO. (42)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY).
TEMP. CONST. RIGHTS = 1205± S.F. (1)
TOTAL AREA = 0.59± AC. (CALC).

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
C) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE AID HIGHWAY NO. 1
ACTON, YORK COUNTY
DATED - FEBRUARY 1931
S.H.C. FILE NO. S-16-44
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 11, PAGE 135

ALAN A. IVEY
PAULA C. IVEY
PARCEL NO. (43)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY).
TEMP. CONST. RIGHTS = 573± S.F. (1)
TOTAL AREA = 0.55± AC. (CALC).

EDWARD J. MEIER
DEBORAH A. MEIER
PARCEL NO. (44)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY).
TEMP. CONST. RIGHTS = 386± S.F. (1)
TOTAL AREA = 0.19± AC. (CALC).

WIN 020267.00

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.
	G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 14 OF 18	

SHEET NUMBER
169
OF 173

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Existing / Proposed	Existing / Proposed
Approx. Property Lines P.L.	Building / Clearing Limit Line	Sanitary Sewer	Traveled Way
Existing Right of Way	Trees Conifer / Deciduous	Telephone Line	Ditch
Limits of Wrought Portion L.O.W.P.	Tree Line / Bush Line	Electric Line	Catch Basin
Control Of Access C.O.A.	Water Edge	Water Line	Manhole
New Right of Way	Ledge / Rock/Boulder / Flag Pole	Gas Line	Sewer Manhole
New Easement	Fence CHAIN LINK / BARB WIRE / STOCKADE	Underdrain Line	Utility Pole
New Temporary Rights	Sign / Well / Mailbox	Guardrail	Fire Hydrant
New R/W Within Existing R/W		Culvert	Curbing

Cut Line C C C	Fill Line F F F
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found IRF	Pipe Found IPF
Replacement Pin Set	

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and
recorded in Plan Bk _____, Pg._____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

GRID NORTH
MAINE 2000 WEST ZONE

CHERYL R. DONAHUE, TRUSTEE
MARIE A. DONAHUE REVOCABLE TRUST
PARCEL NO. (50)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.09± AC. (1)
SLOPE EASEMENTS = 0.07± AC.(1)
DRAINAGE EASEMENTS = 534± S.F.(5)
TEMP. CONST. RIGHTS = 0.19± AC.(6)
TOTAL AREA = 25± AC.(DEED)
REM. AREA = 24.91± AC.

MONARCH MOUNTAIN MINERALS AND AGGREGATES, LLC
PARCEL NO. (32)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.37± AC (2)
SLOPE EASEMENTS = 0.51± AC.(3)
DRAINAGE EASEMENTS = (1)
TEMP. CONST. RIGHTS = 0.32± AC.(4)
TOTAL AREA = 64.00± AC.(TOWN)
REM. AREA = 63.63± AC.

VICKI LYNN SCENA
PARCEL NO. (45)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.13± AC. (1)
DRAINAGE EASEMENTS = 133± S.F. (2)
TEMP. CONST. RIGHTS = 0.07± AC. (3)
TOTAL AREA = 2.81± AC. (CALC)
REM. AREA = 2.68± AC.

LISA FLAYHAN, TRUSTEE
LEISURE LEE TRUST
PARCEL NO. (46)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
DRAINAGE EASEMENTS = (1)
TEMP. CONST. RIGHTS = 40± S.F.(1)
TOTAL AREA = 2.7± AC. (OWNER)

CATHERINE M. TOOMEY
SUSAN J. DEOROCKI
KEVIN S. LAMPHIER
PARCEL NO. (47)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
TEMP. CONST. RIGHTS = 1798± S.F. (1)
TOTAL AREA = 83,000± S.F. (OWNER)

EMILY P. COOK, TRUSTEE
EMILY P. COOK REVOCABLE INTER VIVOS TRUST
PARCEL NO. (48)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
TEMP. CONST. RIGHTS = 1317± S.F.(1)
TOTAL AREA = 1.20± AC.(TOWN)

EMILY P. COOK, TRUSTEE
EMILY P. COOK REVOCABLE INTER VIVOS TRUST
PARCEL NO. (49)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
SLOPE EASEMENT = 821± S.F.(1)
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 0.06± AC.(2)
TOTAL AREA = 90,038± S.F.(DEED)

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
C) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE AID HIGHWAY NO. 1
ACTON, YORK COUNTY
DATED - FEBRUARY 1931
S.H.C. FILE NO. S-16-44
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 11, PAGE 135

P.I. STA. 170+55.29
D = 8°40'52.2"
Δ = 42°14'52.6" RT.
R = 660.00'
L = 486.66'
T = 254.99'
E = 47.54'

P.T. STA. 172+86.96
N = 262294.347
E = 833658.917

N = 262677.980
E = 833203.076
P.C. STA. 178+82.75

DRAINAGE OUTLET
STA. 174+00± LT.

DRAINAGE OUTLET
STA. 175+60± RT.

S-CURVE ICON

ACURVE ICON

CIR 2362
N = 262179.757
E = 833143.711

CIR 2362
N = 262637.036
E = 833202.188

CIR 1308
N = 262254.581
E = 833752.776

3/4" IP
N = 262336.123
E = 833701.601

1/2" IP
N = 262361.186
E = 833767.980

1.25" IP
N = 262342.780
E = 833648.629

1/2" IP
N = 262518.085
E = 833441.454

3/4" IP
N = 262582.775
E = 833366.441

3/4" IP
N = 262648.317
E = 833291.070

CMP 63
CMP 64
CMP 65
CMP 66
CMP 67

FP 62
FP 63
FP 65

S.H.C. FILE NO. S-16-44
S.H.C. FILE NO. S-3-44

T.C.L.
CIR 2362 6" UP
135'±
810± S.F.
1,905± S.F.
222'±
86'±
1172'±
0.16± AC.
CONST. LIMITS
TEMP. CONST. LIMITS
366± S.F.
381'±
38'±
2'±
40± S.F.
1798± S.F.
652'±
1317± S.F.
1832± S.F.
PAVED ENT.
WOODS ENT.
CIR 2362 15" UP
CIR 1308 6" UP
3/4" IP 2" UP
1.25" IP 24" UP (BENT)
3/4" IP 24" UP
1/2" IP 6" UP
3/4" IP
6 TH RD. R/W TO OTHERS
CHICKADEE LN
CHICKADEE LN GRAVEL
ACTON VET CLINIC
OLD 67
P.L.
TEMP.
CONST.
LIMITS

172+00 +50 486.66' 33' +90 +58±
173+00 +26± +50 33' +73±
174+00 (556'±) N.49°-54'-58.7"W.
175+00 S.H. "108"/ROUTE 109 +70 +77±
176+00 595.79' +96±
177+00 +96±
178+00 595.79' N.49°-54'-58.7"W. +52± +78±

33' 33' 33' 31'±

WIN 020267.00

Date:$date$
User name: $user$
Division: $wkgroup$
Filename: $file$

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.
TECH	G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1"= 25'	SHEET 15 OF 18	

SHEET NUMBER
170
OF 173

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W		Existing	Proposed	Cut Line C C C Fill Line F F F
Approx. Property Lines P.L.	Building	Clearing Limit Line	Sanitary Sewer		Stonewall Retaining Wall
Existing Right of Way	Trees Conifer	Deciduous	Telephone Line		Baseline 10+00 11+00 12+00
Limits of Wrought Portion L.O.W.P.	Tree Line	Bush Line	Electric Line	E E	Monument Traverse Point
Control Of Access C.O.A.	Water Edge		Water Line	W W	Iron Rod Found IRF Pipe Found IPF
New Right of Way	Ledge	Rock/Boulder Flag Pole	Underdrain Line		Replacement Pin Set
New Easement	Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line		
New Temporary Rights	Sign	Well WELL Mailbox	Guardrail		
New R/W Within Existing R/W			Culvert		

Traveled Way	Ditch	Catch Basin	Manhole	Sewer Manhole	Utility Pole	Fire Hydrant	Curbing
Existing							
Proposed							

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and
recorded in Plan Bk _____, Pg._____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

MAINE 2000 WEST ZONE GRID NORTH

P.I. STA. = 182+27.34
D = 6°51'42.4"
Δ = 44°50'59.6" LT.
R = 835.00'
L = 653.62'
T = 344.59'
E = 68.31'

P.I. STA. = 182+27.34
D = 6°51'42.4"
Δ = 44°50'59.6" LT.
R = 835.00'
L = 653.62'
T = 344.59'
E = 68.31'

P.T. STA. 185+98.34
N = 262671.230
E = 833598.638

N = 262677.980
E = 833203.076
P.C. STA. 178+82.75

CHERYL R. DONAHUE, TRUSTEE
MARIE A. DONAHUE REVOCABLE TRUST
PARCEL NO. (50)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.09± AC. (1)
SLOPE EASEMENTS = 0.07± AC.(1)
DRAINAGE EASEMENTS = 534± S.F.(5)
TEMP. CONST. RIGHTS = 0.19± AC.(6)
TOTAL AREA = 25± AC.(DEED)
REM. AREA = 24.91± AC.

EMILY P. COOK, TRUSTEE
EMILY P. COOK REVOCABLE INTER VIVOS TRUST
PARCEL NO. (49)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
SLOPE EASEMENT = 821± S.F.(1)
DRAINAGE EASEMENT = (1)
TEMP. CONST. RIGHTS = 0.06± AC.(2)
TOTAL AREA = 90,038± S.F.(DEED)

ROBERT L. ANDERSON
PARCEL NO. (51)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
SLOPE EASEMENT = 1738± S.F.(1)
TOTAL AREA = 91,601± S.F.(OWNER)

YOUNGS RIDGE ROAD
P.I. STA. 360+99.83
D = 22°55'05.9"
Δ = 31°52'23.2" LT.
R = 250.00'
L = 139.08'
T = 71.39'
E = 9.99'

STA. 360+00.00
N = 262801.088
E = 833006.920

P.C. STA. 360+28.44
N = 262827.043
E = 833018.553

P.T. STA. 361+67.52
N = 262962.924
E = 833038.146

CHERYL R. DONAHUE, TRUSTEE
MARIE A. DONAHUE REVOCABLE TRUST
PARCEL NO. (52)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = (1) (L.O.W.P.)
LAND TAKEN = 0.19± AC. (2)
SLOPE EASEMENT = 0.55± AC. (2)
TEMP. CONST. RIGHTS = 0.08± AC. (3)
TOTAL AREA = 16.02± AC.. (SURVEY)
REM. AREA = 15.83± AC.

NOTE: PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES WITHIN LIMITS OF WROUGHT PORTION (L.O.W.P.)

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
MARCH 1786 3 RODS WIDE (49.5')
C) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE AID HIGHWAY NO. 1
ACTON, YORK COUNTY
DATED - FEBRUARY 1931
S.H.C. FILE NO. S-16-44
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 11, PAGE 135
3) GARVIN ROAD & YOUNGS RIDGE ROAD
A) HISTORY OF SHAPLEIGH, MAINE
BY REV. AMASA LORING, PRINTED BY B. THURSTON
PAGE 14 - LOTTING & APPROPRIATING
DATED - 1854 2 RODS WIDE.
NEW YORK PUBLIC LIBRARY
NYPL RESEARCH LIBRARIES - 3 3433 07954301 7

WIN 020267.00

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD					
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

ITEM	CHECKED	TECH
EXISTING CONDITION PLAN	C.W.K.	G.L.L.
FINAL RIGHT OF WAY		G.L.L.
AREAS		G.L.L.

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 16 OF 18	

SHEET NUMBER
171
OF 173

Date: $date$
Username: $user$
Division: $wkgroup$
Filename: $file$

PLAN LEGEND

Town, County, State		New R/W Along Existing R/W		Existing	Proposed	Existing	Proposed
Approx. Property Lines P.L.		Building	Clearing Limit Line	Sanitary Sewer		Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line		Ditch	
Limits of Wrought Portion L.O.W.P.		Tree Line	Bush Line	Electric Line	E	Catch Basin	
Control Of Access C.O.A.		Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge	Rock/Boulder	Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK	BARB WIRE / STOCKADE	Gas Line		Utility Pole	
New Temporary Rights		Sign	Well WELL / Mailbox	Guardrail		Fire Hydrant	
New R/W Within Existing R/W				Culvert		Curbing	

Cut Line C C C	Fill Line F F F
Stonewall	Retaining Wall
Baseline 10+00	11+00 12+00
Monument	Traverse Point
Iron Rod Found IRF	Pipe Found IPF
Replacement Pin Set	

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY _____
RECEIVED _____, _____
at _____h _____m _____M and
recorded in Plan Bk _____, Pg. _____
Attest: _____
REGISTER

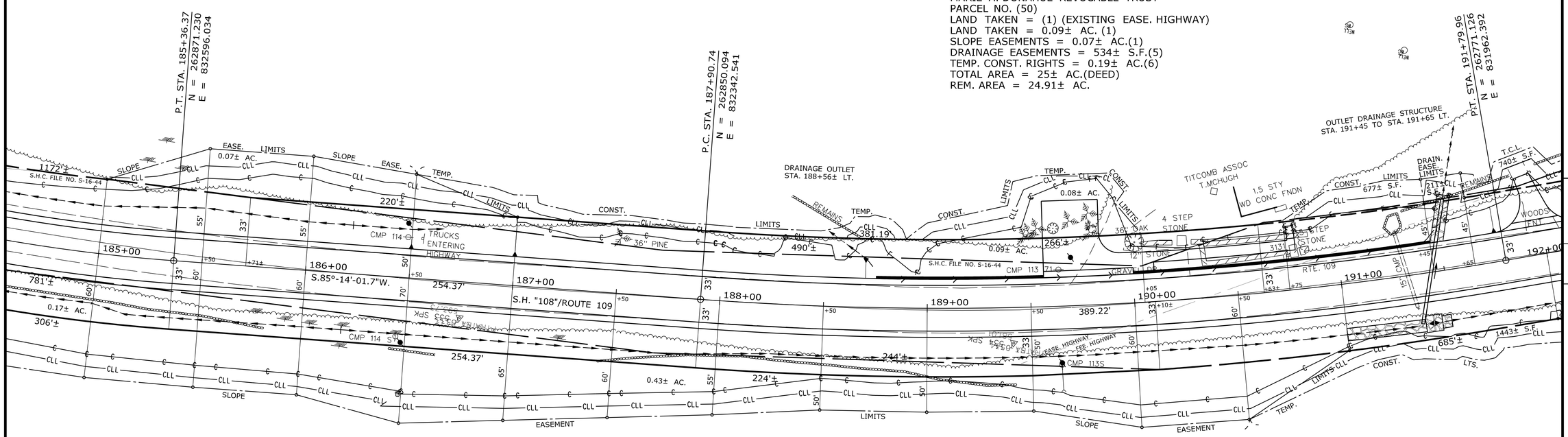
CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

GRID NORTH
MAINE 2000 WEST ZONE

P.I. STA. = 182+27.34
D = 6°51'42.4"
Δ = 44°50'59.6" LT.
R = 835.00'
L = 653.62'
T = 344.59'
E = 68.31'

P.I. STA. 189+86.32
D = 3°34'51.6"
Δ = 13°56'16.9" LT.
R = 1600.00'
L = 389.22'
T = 195.58'
E = 11.91'

CHERYL R. DONAHUE, TRUSTEE
MARIE A. DONAHUE REVOCABLE TRUST
PARCEL NO. (50)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.09± AC. (1)
SLOPE EASEMENTS = 0.07± AC.(1)
DRAINAGE EASEMENTS = 534± S.F.(5)
TEMP. CONST. RIGHTS = 0.19± AC.(6)
TOTAL AREA = 25± AC.(DEED)
REM. AREA = 24.91± AC.



CHERYL R. DONAHUE, TRUSTEE
MARIE A. DONAHUE REVOCABLE TRUST
PARCEL NO. (52)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = (1) (L.O.W.P.)
LAND TAKEN = 0.19± AC.(2)
SLOPE EASEMENT = 0.55± AC. (2)
TEMP. CONST. RIGHTS = 0.08± AC. (3)
TOTAL AREA = 16.02± AC.. (SURVEY)
REM. AREA = 15.83± AC.

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11

C) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE AID HIGHWAY NO. 1
ACTON, YORK COUNTY
DATED - FEBRUARY 1931
S.H.C. FILE NO. S-16-44
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 11, PAGE 135

STANDARD BOUNDARY SURVEY
FOR MARTHA M, & JUL.IA L. & MARIE A. DONAHUE
BY GREAT EAST LAND SURVEY CO.
DATED - DECEMBER 1998
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 242, PAGE 31

WIN 020267.00

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.
TECH	G.L.L.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

BRUCE A. VAN NOTE
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

STATE HIGHWAY "108"
ROUTE 109
ACTON YORK COUNTY
FEDERAL AID PROJECT NO. STP-2026(700)

MAY 2023	RIGHT-OF-WAY MAP	D.O.T. FILE NO. (TBD)
SCALE 1" = 25'	SHEET 17 OF 18	

SHEET NUMBER
172
OF 173

Filename: $file$ Division: $wkgroup$ Username: $user$ Date: $date$

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Sanitary Sewer	Traveled Way
Approx. Property Lines P.L.	Building	Telephone Line	Ditch
Existing Right of Way	Clearing Limit Line	Electric Line	Catch Basin
Limits of Wrought Portion L.O.W.P.	Trees Conifer / Deciduous	Water Line	Manhole
Control Of Access C.O.A.	Tree Line / Bush Line	Gas Line	Sewer Manhole
New Right of Way	Water Edge	Underdrain Line	Utility Pole
New Easement	Ledge / Rock/Boulder / Flag Pole	Guardrail	Fire Hydrant
New Temporary Rights	Fence CHAIN LINK / BARB WIRE / STOCKADE	Culvert	Curbing
New R/W Within Existing R/W	Sign / Well / Mailbox		

Existing / Proposed

Cut Line C C C	Fill Line F F F
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found IRF	Pipe Found IPF
Replacement Pin Set	

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 ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS

COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and
recorded in Plan Bk _____, Pg._____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999741

PLAN SHOWING LAND
OF RAYMOND ANDERSON
BY T. W. BULLARD
DATED - JANUARY 1979
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 97, PAGE 11

GRID NORTH
MAINE 2000 WEST ZONE

CHERYL R. DONAHUE, TRUSTEE
MARIE A. DONAHUE REVOCABLE TRUST
PARCEL NO. (50)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 0.09± AC. (1)
SLOPE EASEMENTS = 0.07± AC.(1)
DRAINAGE EASEMENTS = 534± S.F.(5)
TEMP. CONST. RIGHTS = 0.19± AC.(6)
TOTAL AREA = 25± AC.(DEED)
REM. AREA = 24.91± AC.

MARK J. MILLER
ELISE M. MILLER
PARCEL NO. (54)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = 656± S.F. (1)
DRAINAGE EASEMENTS = 105± S.F. (1)
TEMP. CONST. RIGHTS = 406± S.F. (1)
TOTAL AREA = 1.4± AC. (TOWN)
REM. AREA = 1.39± AC.

HEIRS OF DAVID HORN
PARCEL NO. (55)
LAND TAKEN = (1) (EXIST. EASE. HWY.)
LAND TAKEN = 583± S.F. (1)
TEMP. CONST. RIGHTS = 129± S.F. (1)
TOTAL AREA = 0.15± AC. (TOWN)
REM. AREA = 0.14± AC.

CHERYL R. DONAHUE, TRUSTEE
MARIE A. DONAHUE REVOCABLE TRUST
PARCEL NO. (52)
LAND TAKEN = (1) (EXISTING EASE. HIGHWAY)
LAND TAKEN = (1) (L.O.W.P.)
LAND TAKEN = 0.19± AC. (2)
SLOPE EASEMENT = 0.55± AC. (2)
TEMP. CONST. RIGHTS = 0.08± AC. (3)
TOTAL AREA = 16.02± AC.. (SURVEY)
REM. AREA = 15.83± AC.

WICKSON CONSTRUCTION NH, LLC
PARCEL NO. (53)
SLOPE EASEMENT = 0.07± AC.(1)
TEMP. CONST. RIGHTS = 0.09± AC.(1)
TOTAL AREA = 4.83± AC.(CALC.)

PT STA. 191+79.96
N = 262771.126
E = 831962.392

6" x 6" STONE
N = 262605.140
E = 831761.906

3/4" IP
N = 262653.790
E = 831712.919

1" IP
N = 262558.749
E = 831442.415

1/2" IP
N = 262745.558
E = 831770.488

20267-20 GPS SPK
N = 262503.029
E = 831242.208

PT STA. 200+13.83
N = 262539.810
E = 831164.226

P.I. STA. 198+90.25
D = 6°51'42.4"
Δ = 17°05'15.0" RT.
R = 835.00'
L = 249.02'
T = 125.44'
E = 9.37'

P.C. STA. 197+64.81
N = 262583.577
E = 831408.438

STATE LINE
NEW HAMPSHIRE
MAINE

APPROX. CENTERLINE OF OLD R/W PRIOR TO 1931 - SEE S.H.C. FILE NO. S-16-44

OUTLET DRAINAGE STRUCTURE STA. 196+30 TO STA. 196+60 LT.

584.85' S.H. "108"/ROUTE 109

N 71°-17'-44.8"W.

584.85'

TO WAKEFIELD N.H.

END B.L. 198+50.00

WAKEFIELD
ACTON
CARROLL COUNTY
YORK COUNTY

STATE OF MAINE
DEPARTMENT OF AGRICULTURE, CONSERVATION & FORESTRY
PARCEL NO. (56)
TEMP. CONST. RIGHTS = 1,043± S.F. (1)
TOTAL AREA = 2.26± AC. (CALC.).

50' R/W TO OTHERS

FOR PARCEL 57 SEE SHEETS 8 AND 9
WIN 020267.00

EXISTING RIGHT OF WAY REFERENCE
1) ROUTE 109
A) SHAPLEIGH TOWN RECORDS
BOOK 1, PAGE 11
C) MAINE STATE HIGHWAY COMMISSION
RIGHT OF WAY MAP - STATE AID HIGHWAY NO. 1
ACTON, YORK COUNTY
DATED - FEBRUARY 1931
S.H.C. FILE NO. S-16-44
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 11, PAGE 135

STANDARD BOUNDARY SURVEY
FOR MARTHA M, & JUL.IA L. & MARIE A. DONAHUE
BY GREAT EAST LAND SURVEY CO.
DATED - DECEMBER 1998
YORK COUNTY REGISTRY OF DEEDS
PLAN BOOK 242, PAGE 31

ITEM	CHECKED
EXISTING CONDITION PLAN	G.L.L.
FINAL RIGHT OF WAY	G.L.L.
AREAS	G.L.L.
	C.W.K.
	TECH

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460
ACTON
RIGHT OF WAY MAP

REVISIONS NO.	DATE	DESCRIPTION	BY

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