

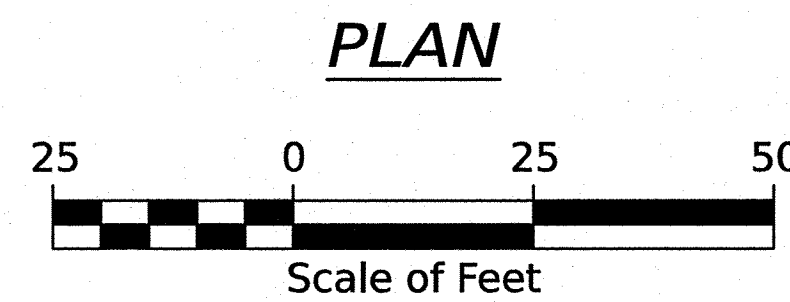
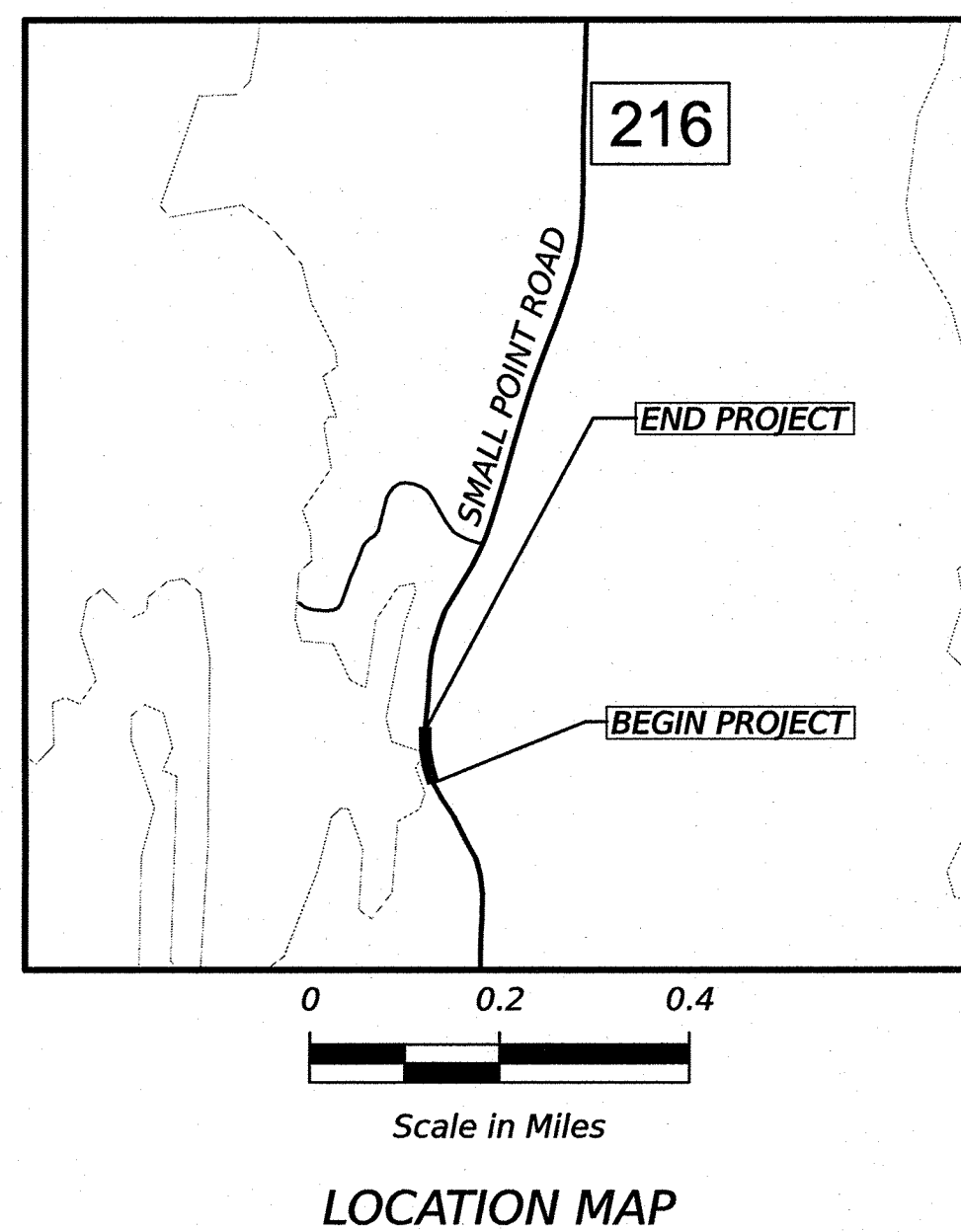
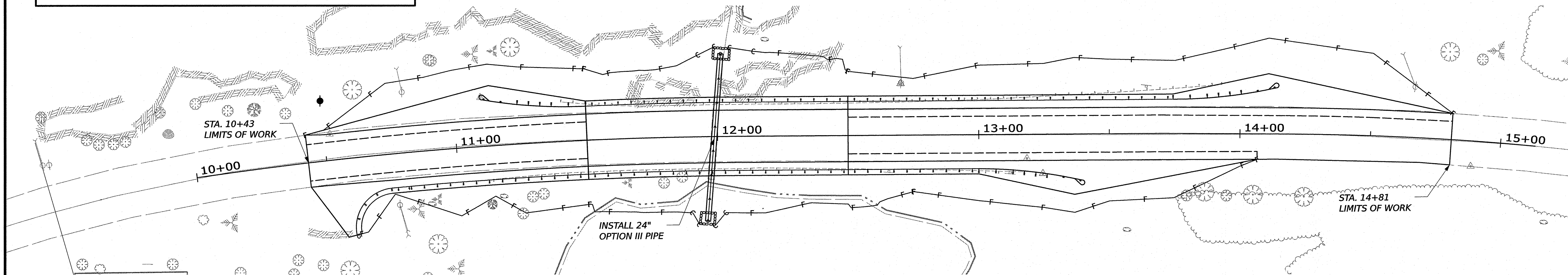
STATE OF MAINE DEPARTMENT OF TRANSPORTATION



PHIPPSBURG SAGADAHOC COUNTY ROUTE 216 STATE PROJECT NO. 027300.00 PROJECT LENGTH: 0.03 MILES

PLAN LEGEND			
Town, County, State	-----	Catch Basins	Existing Proposed
Property Lines	-----	Manholes	Existing Proposed
R/W Lines-Existing	-----	Proposed Underdrain	-----
R/W Lines-Proposed	-----	Proposed Ditch	-----
Culvert-Existing	-----	Existing Ditch	-----
Culvert Proposed	-----	Utility Poles	Existing Proposed
Curbing	Existing Proposed	Fire Hydrants	Existing Proposed
Type 1	-----	Existing Water Line	-----
Type 3	-----	Existing San. Sewer	-----
Type 5	-----	Existing San. Sewer Manhole	-----
Outline of Bodies of Water	-----	Guardrail-Existing	-----
Exposed Bedrock	-----	Guardrail-Proposed	-----
Buildings	-----	Centerline-Existing	-----
Trees	Conifer Deciduous	Centerline-Proposed	-----
Tree Line	-----	Travelway-Existing	-----
Clearing Limit Line	-----	Travelway-Proposed	-----
Railroad	-----		
Boring	HB-XXX-###	Probe	P-#.X
Pavement Core	PC-#		#.# = Depth
Test Pit	TP-XXX-###		X = W (Weathered Rock)
			R (Refusal)
			NR (No Refusal)

INDEX OF SHEETS	
Description	Sheet No.
Title Sheet	1
General Notes, Typical Section and Quantities	2
Plan / Profile	3
Cross - Sections	4-6
Right Of Way Map	7



TRAFFIC DATA	
Current (2024) AADT	1370
Future (2036) AADT	1450
DHV - % of AADT	14%
Design Hour Volume	211
% Heavy Trucks (AADT)	7%
% Heavy Trucks (DHV)	2%
Directional Distribution (DHV)	67%
18-kip Equivalent P 2.0	29
18-kip Equivalent P 2.5	28
Design Speed (mph)	45 mph
Corridor Priority	4

PROJECT LOCATION:	XC-194616 LOCATED 0.18 MILES SOUTH OF ALLIQUIPPA ROAD LATITUDE/LONGITUDE: 43°44'24.3" N, 69°50'29.5" W
PROGRAM AREA:	HIGHWAY
SCOPE OF WORK:	CULVERT REPLACEMENT
MAINTENANCE OF TRAFFIC	MAINTAIN ALTERNATING ONE-WAY TRAFFIC WITH SIGNALS USING STAGED CONSTRUCTION
UTILITIES	CMP, COMCAST, AND CONSOLIDATED

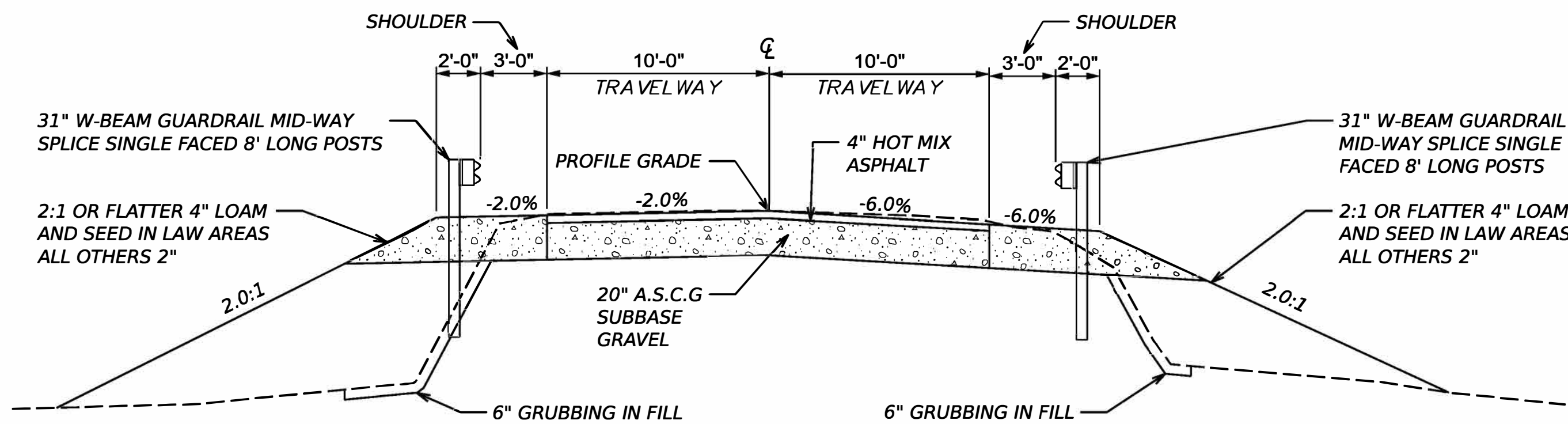
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED 	DATE 4/16/26
SIGNATURE 15681	P.E. NUMBER	DATE
PROJECT INFORMATION	PROGRAM	PROJECT COMPLETION DATE
HIGHWAY	PROJECT MANAGER	CONTRACTOR
ROUTE 216	MARTIN ROONEY	PROJECT RESIDENT
TITLE SHEET	SHANE KELLY	CONSULTANT
1	PROJECT RESIDENT	CONTRACTOR
OF 7	PROJECT COMPLETION DATE	PROJECT COMPLETION DATE

DATE: 4/3/2026
USERNAME: ZJACKSON

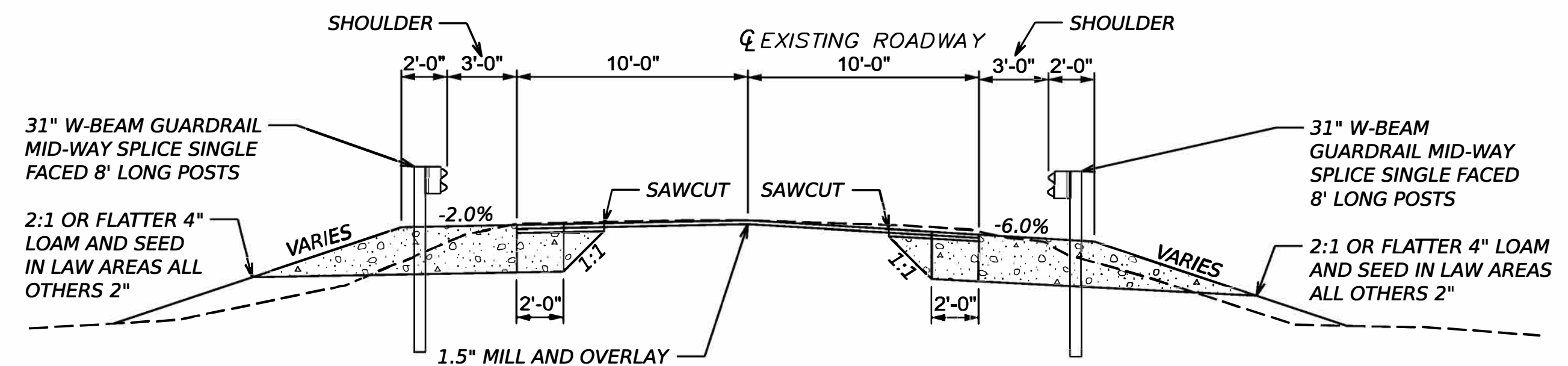
GENERAL NOTES

- PAVEMENT THICKNESSES SHOWN ON THE TYPICAL SECTIONS ARE INTENDED TO BE NOMINAL
- CLEARING LIMITS SHALL BE 10 FEET BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.
- ALL CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE. THE ACTUAL LINES FOR CLEARING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AS INDICATED ON THE PLANS AND APPROVED BY THE RESIDENT.
- 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.
- 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.
- 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.
- 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 SPECIFICATION 703.19.
- 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.
- WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER WILL HAVE SAME SLOPE AS THE TRAVELWAY.
- CROSS SLOPES FOR NORMAL AND SUPERELEVATED SECTIONS WILL BE STRAIGHT UNLESS OTHERWISE DIRECTED BY THE DEPARTMENT.
- THE ALGEBRAIC DIFFERENCE BETWEEN TRAVELWAY AND SHOULDER CROSS SLOPE SHALL NOT EXCEED 8 PERCENT.
- NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
- INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
- GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.
- ALL EXISTING GUARDRAIL REMOVED AND NOT REUSED ON THE PROJECT WILL BECOME PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.
- TWO REFLECTORIZED FLEXIBLE GUARDRAIL MARKERS (STANDARD SPECIFICATIONS ITEM 603.353, REFLECTORIZED FLEXIBLE GUARDRAIL MARKER) WILL BE INSTALLED AT EACH GUARDRAIL END.
- LOAM HAS BEEN ESTIMATED FOR DISTURBED LAWN AREAS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.
- 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.
- 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.
- 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.
- AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
- 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.
- 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.

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE TOP ONLY	5	EA
201.24	REMOVING STUMP	5	EA
202.202	REMOVING PAVEMENT SURFACE	580	SY
203.2	COMMON EXCAVATION	560	CY
203.25	GRANULAR BORROW	60	CY
206.061	STRUCTURAL EARTH EXCAVATION- DRAINAGE & MINOR STRUCTURES BELOW GRADE	10	CY
206.07	STRUCTURAL ROCK EXCAVATION - DRAINAGE & MINOR STRUCTURES	10	CY
304.1	AGGREGATE SUBBASE COURSE - GRAVEL	690	CY
403.208	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE, SURFACE	90	TONS
403.213	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE, BASE	70	TONS
409.15	BITUMINOUS TACK COAT	35	GAL
511.07	COFFERDAM: UPSTREAM	1	LS
511.07	COFFERDAM: DOWNSTREAM	1	LS
603.199	24" CULVERT PIPE OPTION III	64	LF
606.1301	31" W-BEAM GUARDRAIL - MID-WAY SPLICE SINGLE FACED	450	LF
606.1303	31" W-BEAM GUARDRAIL - MID-WAY SPLICE-15' RAD & LESS	25	LF
606.1305	31" W-BEAM GUARDRAIL - MID-WAY SPLICE - FLARED TERMINAL	1	EA
606.1306	31" W-BEAM GUARDRAIL - MID-WAY SPLICE - TANGENT TERMINAL	2	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	8	EA
610.08	PLAIN RIPRAP	10	CY
613.319	EROSION CONTROL BLANKET	25	SY
615.07	LOAM	60	CY
618.14	SEEDING METHOD NUMBER 2	10	UN
619.12	MULCH	10	UN
619.14	EROSION CONTROL MIX	10	CY
620.58	EROSION CONTROL GEOTEXTILE	10	SY
627.733	4 INCH WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	1375	LF
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	10	HR
639.21	FIELD OFFICE TYPE D	1	EA
643.72	TEMPORARY TRAFFIC SIGNAL	1	LS
652.312	BARRICADE TYPE III	10	EA
652.33	DRUM	25	EA
652.34	CONE	50	EA
652.35	CONSTRUCTION SIGN	250	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	30	CD
652.38	FLAGGER	150	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	2	EA
652.61	STAGED CONSTRUCTION AND TRAFFIC CONTROL	1	LS
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
659.10	MOBILIZATION	1	LS



TYPICAL FULL CONSTRUCTION SECTION
ROUTE 216 STA. 11+75 TO 12+25



TYPICAL MILL AND OVERLAY SECTION
ROUTE 216 STA. 12+50 TO 13+00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

27300.00
WIN
27300.00
HIGHWAY PLANS

DATE	SIGNATURE	P.E. NUMBER	DATE
04/08/26	Z. JACKSON		
	S. KELLY		
PROJ. MANAGER	M. ROONEY		
DESIGN-DETAILED			
CHECKED-REVIEWED			
DESIGN2-DETAILED			
DESIGN3-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

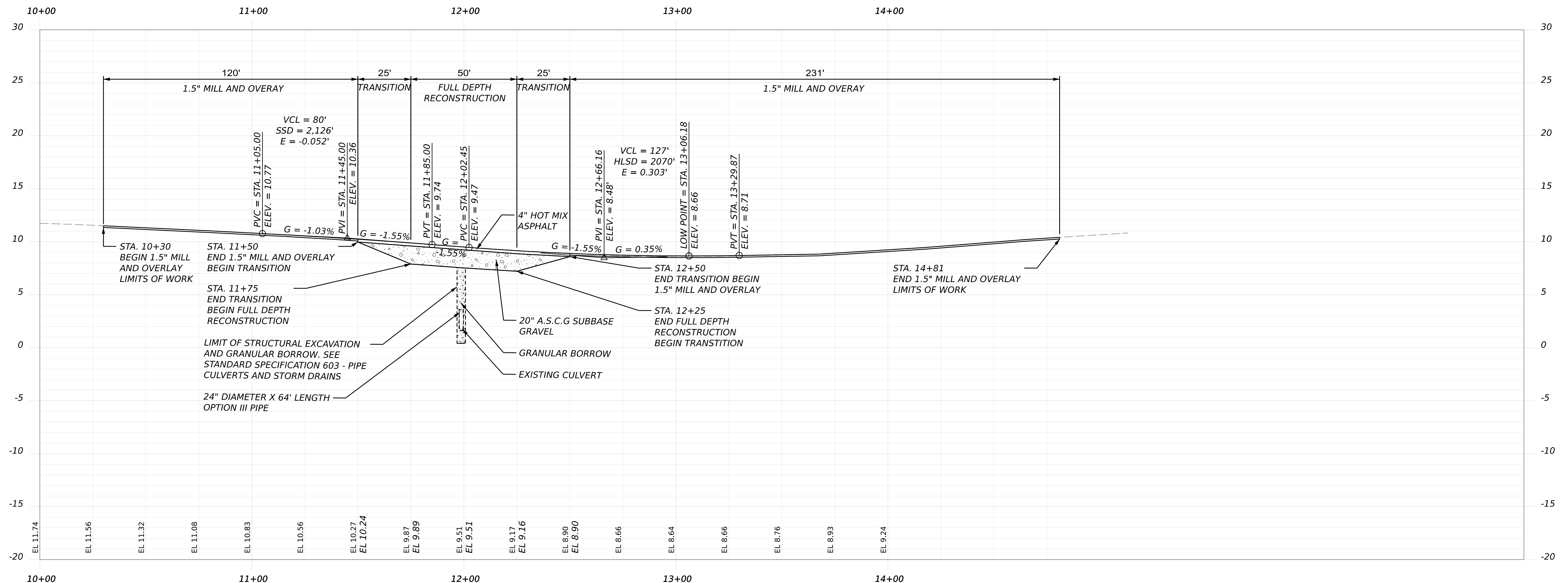
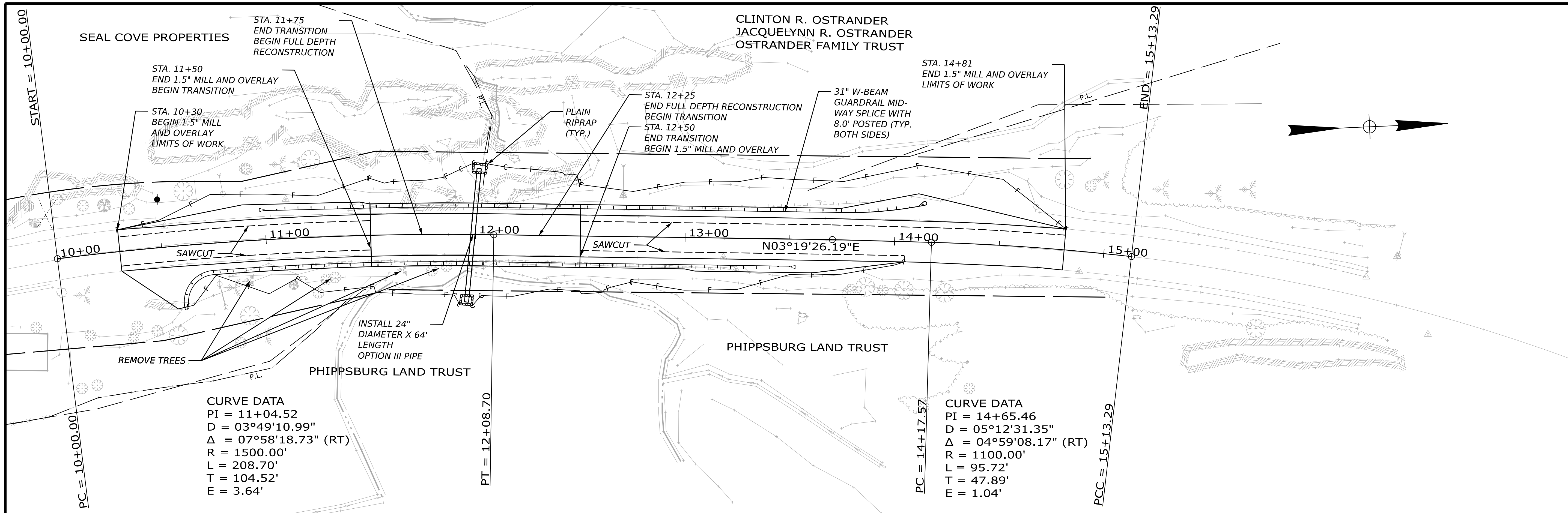
PHIPPSBURG
ROUTE 216
GEN. NOTES/ESTIMATE/TYPICAL

SHEET NUMBER
2
OF 7

DATE: 4/13/2026

USERNAME: Z.JACKSON

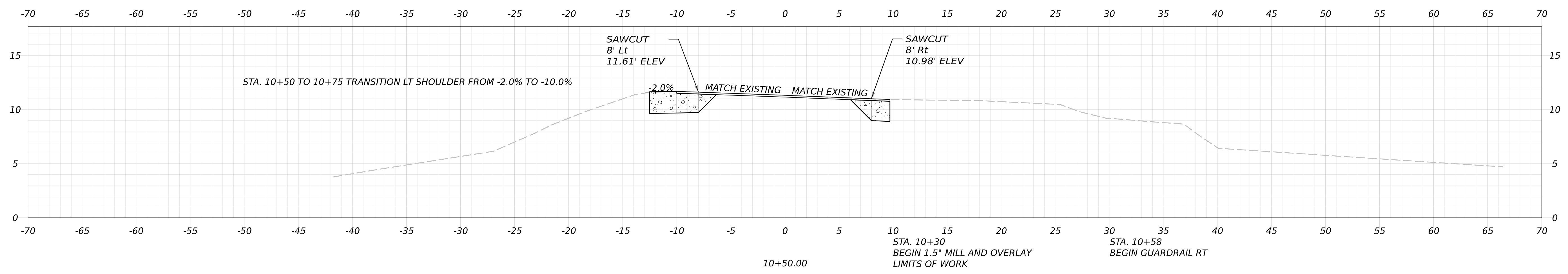
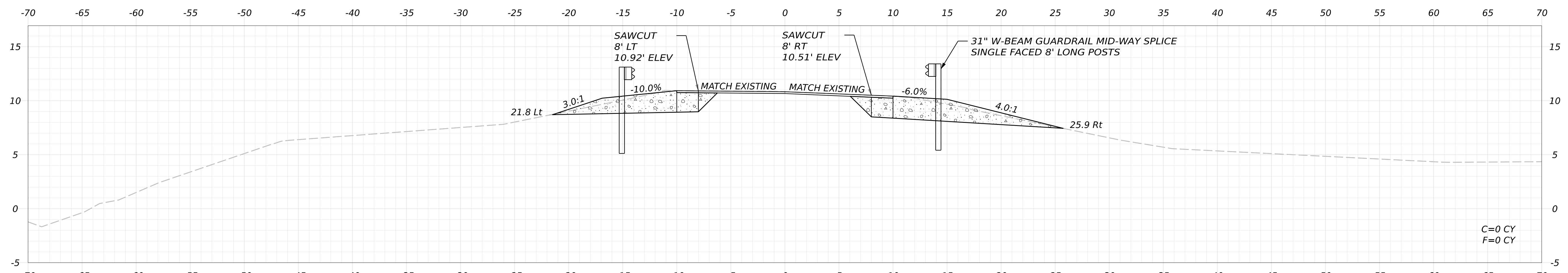
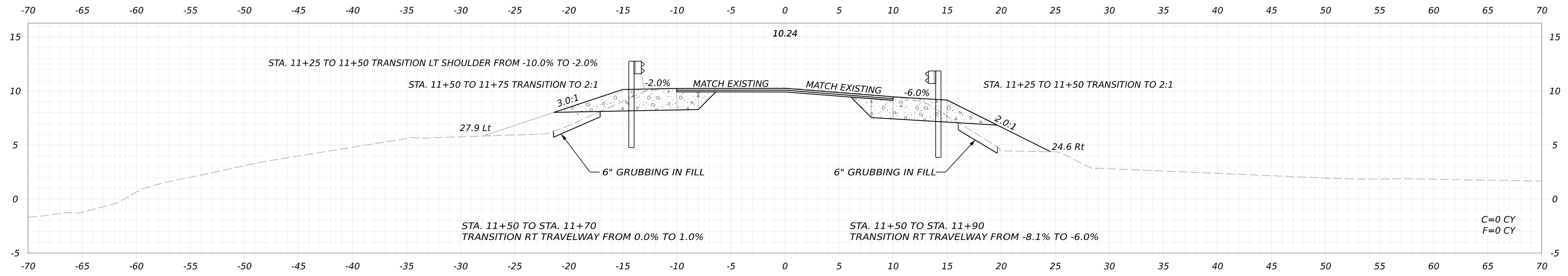
USERNAME: Z JACKSON DATE: 4/8/2026



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		27300.00
PHIPPSBURG ROUTE 216		WIN 27300_00
PLAN/PROFILE		HIGHWAY PLANS
PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	Z. JACKSON	04/08/26
CHECKED-REVIEWED	S. KELLY	04/08/26
DESIGN2-DETAILED		
DESIGN3-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		
SHEET NUMBER		DATE
3		P.E. NUMBER
OF 7		SIGNATURE

Date: 4/8/2026

Username: zjackson



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

27300.00
WIN
27300.00
HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

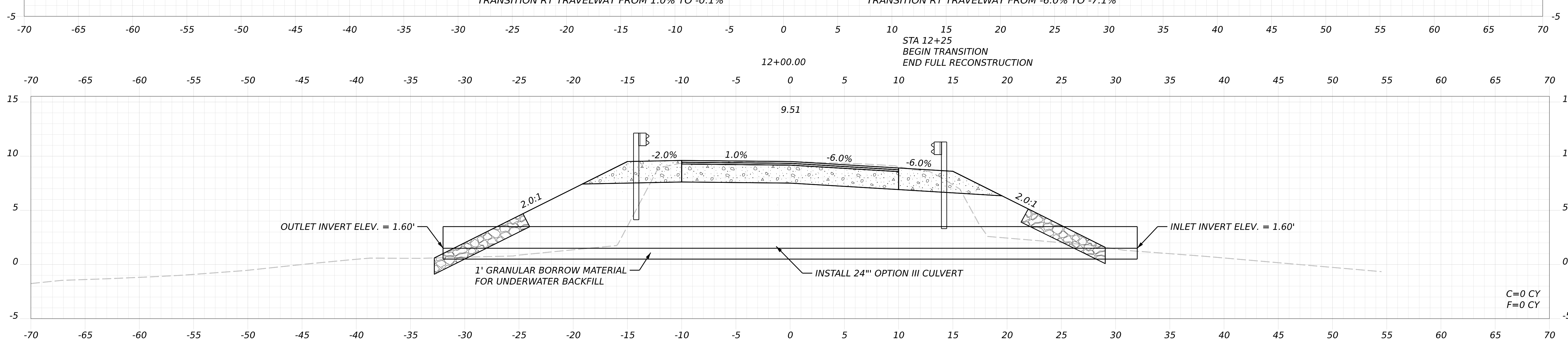
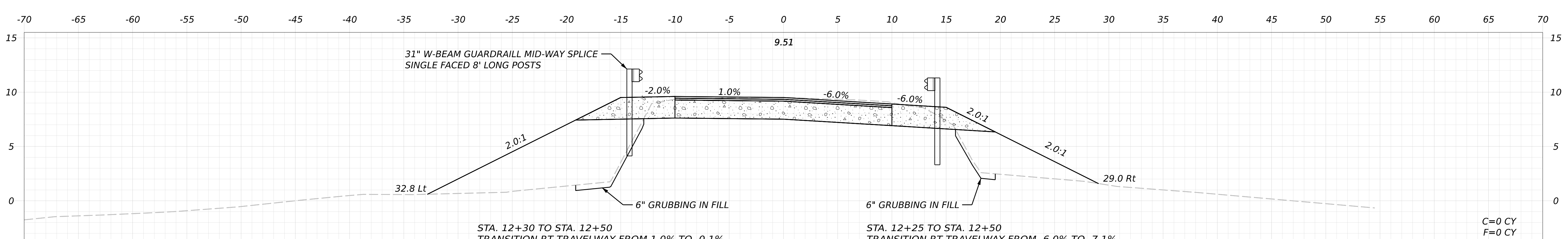
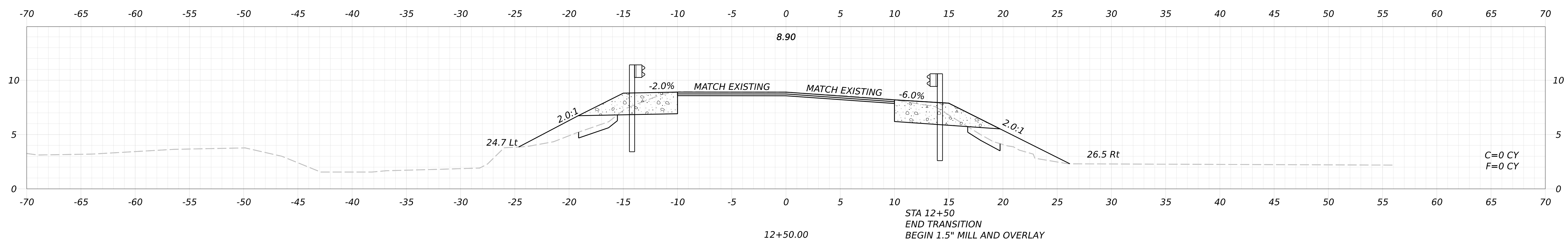
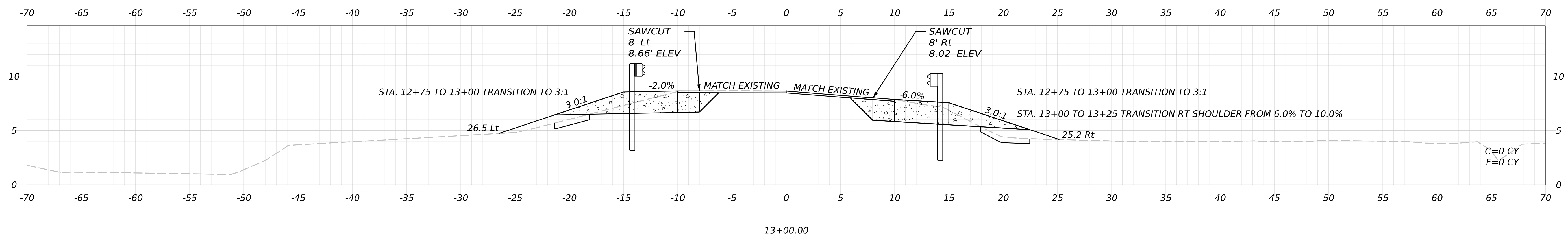
PROJ. MANAGER	BY	DATE
M. ROONEY	Z. JACKSON S. KELLY	04/08/26 04/08/26
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGN-DETAILED02		
DESIGN-DETAILED03		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

PHIPPSBURG ROUTE 216 CROSS SECTIONS

SHEET NUMBER

4

OF 7



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		27300.00	WIN 27300.00	HIGHWAY PLANS
	SIGNATURE	P.E. NUMBER	DATE	
	DATE			
	BY			
	M. ROONEY			
	DESIGN-DETAILED			
	Z. JACKSON			
	CHECKED-REVIEWED			
	S. KELLY			
	DATE			
	04/08/26			
	04/08/26			
	DESIGN-DETAILED2			
	DESIGN-DETAILED3			
	REVISIONS 1			
	REVISIONS 2			
	REVISIONS 3			
	REVISIONS 4			
	FIELD CHANGES			
PHIPPSBURG ROUTE 216		CROSS SECTIONS		
SHEET NUMBER				
5				
OF 7				

Date: 4/8/2026
Username: zjackson

SIGNATURE

P.E. NUMBER

DATE

DATE

BY

PROJ. MANAGER

DESIGN-DETAILED

CHECKED-REVIEWED

DESIGN-DETAILED02

DESIGN-DETAILED03

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

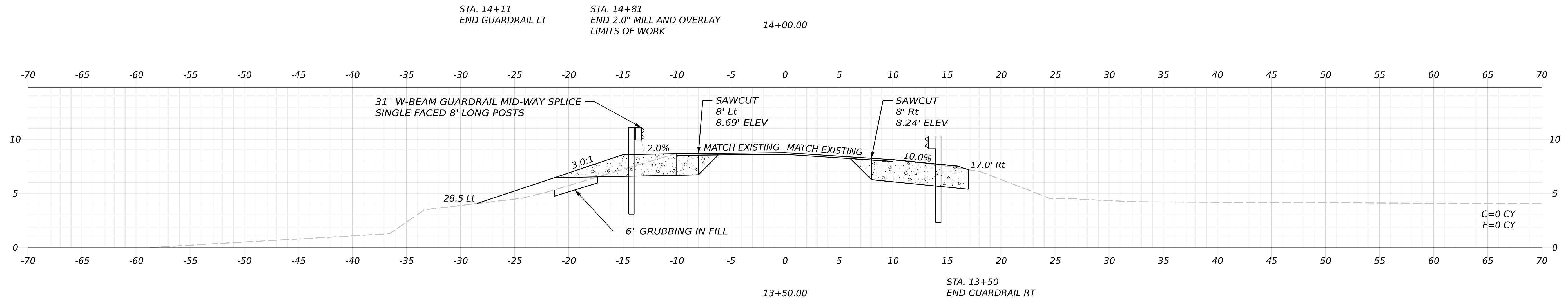
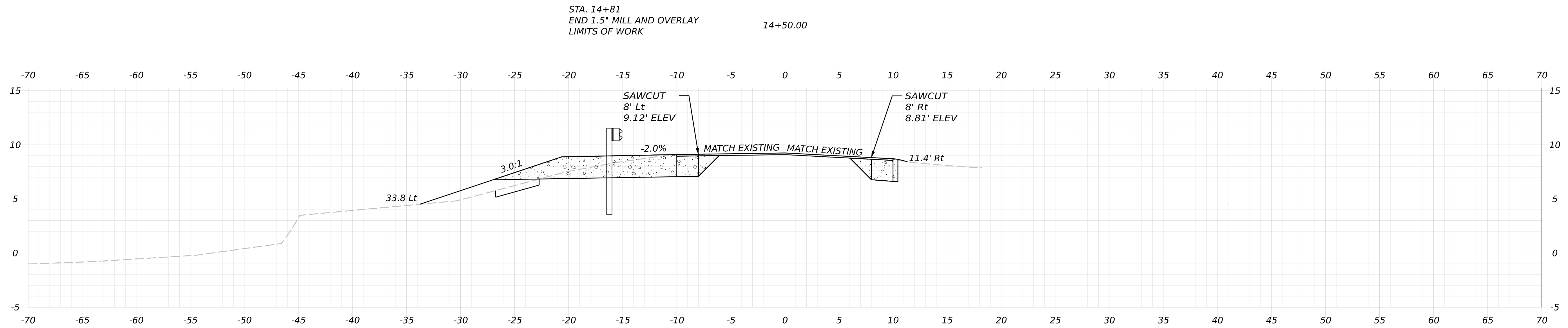
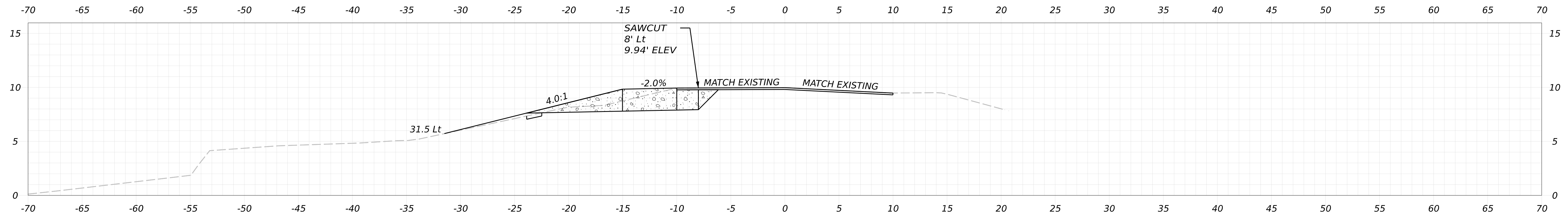
PHIPPSBURG
ROUTE 216

CROSS SECTIONS

SHEET NUMBER

6

OF 7



Date: 4/8/2026

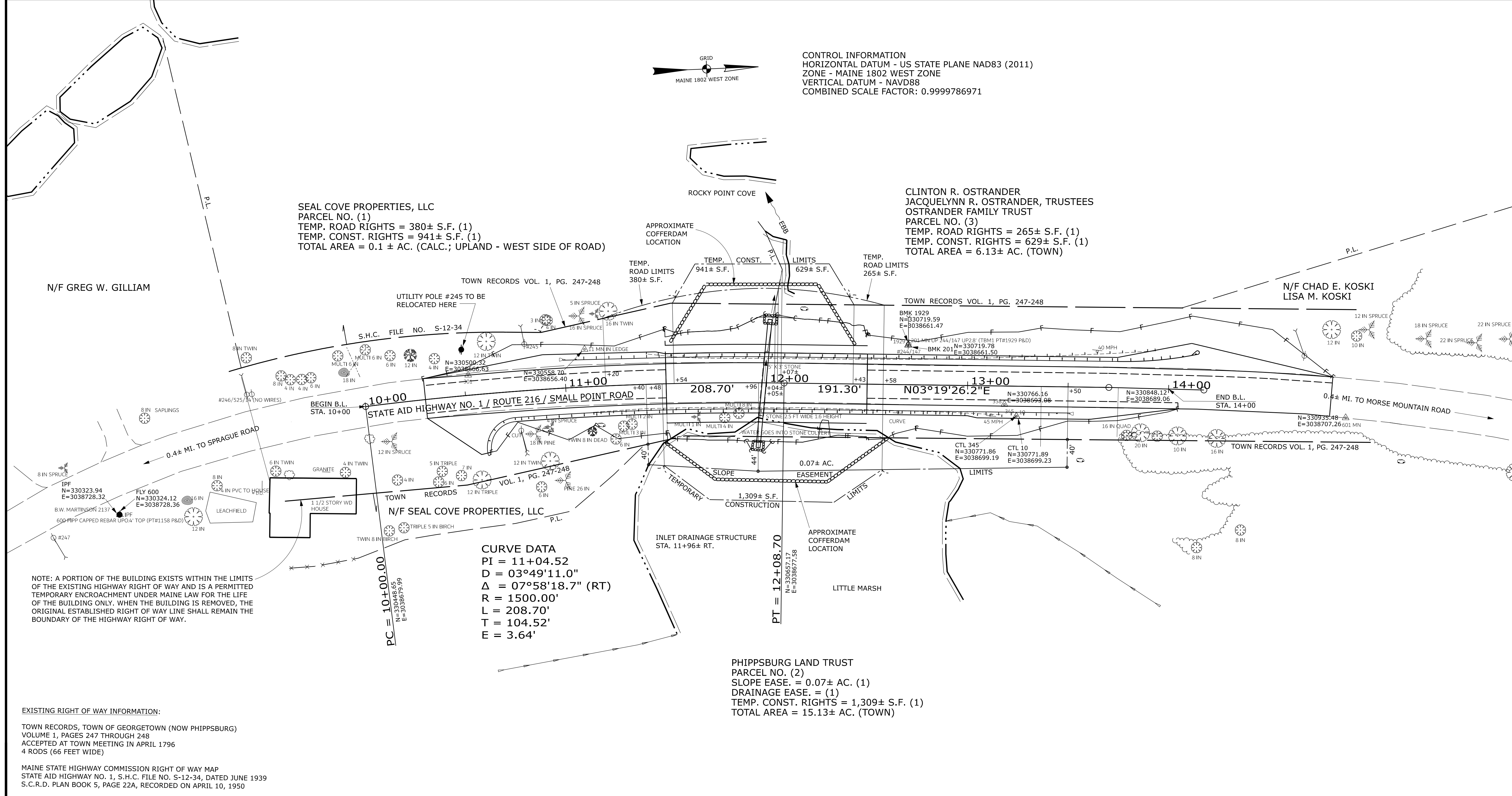
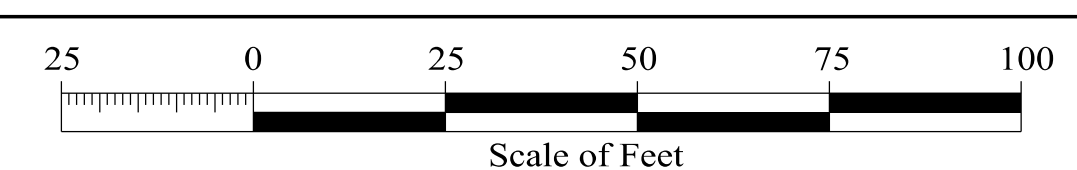
Username: zjackson

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 _____	Building _____ Clearing Limit Line _____	Com. Line UG _____	_____	Ditch _____	_____	Stonewall _____ Retaining Wall _____
Existing Right of Way _____	Trees Conifer _____ Deciduous _____	Electric Line _____	_____	Catch Basin _____	_____	Baseline _____
Limits of Wrought Portion LIMITS OF WROUGHT PORTION	Tree Line _____ Bush Line _____	Water Line _____	_____	Manhole _____	_____	_____
Control of Access _____	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 TEMP. CONST. LIMITS	Sign _____ Well _____ Mailbox _____	Culvert _____	_____	Curbing _____	_____	_____
New R/W Within Existing R/W _____						

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 ADJUTING PROPERTY OWNERS.

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY OF _____
RECEIVED _____, 20____
AT _____ HRS. _____ MINS. _____ M.
AND RECORDED IN _____
PLAN BOOK (OR FILE NO.) _____, PAGE _____
ATTEST: _____ REGISTER



TECH	CHECKED	C.W.K.	P.N.S.	B.S.
ITEM	EXISTING CONDITION PLAN	G.M.A.	M.C.G.	M.C.G.
	FINAL RIGHT OF WAY AREAS			
STATE OF MAINE DEPARTMENT OF TRANSPORTATION 16 STATE HOUSE STATION - AUGUSTA, ME 04333-0016 - 207-624-3460 PHIPPSBURG RIGHT OF WAY MAP				

REVISIONS				PLAN FILED IN PLAN BOOK				COUNTY RECORD				STATE AID HIGHWAY NO. 1				SHEET NUMBER	
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	PAGE		INSTRUMENT	DATE	BOOK	PAGE	ROUTE 216 / SMALL POINT ROAD		7			
												PHIPPSBURG SAGADAHOC COUNTY					
DALE F. DOUGHTY COMMISSIONER WILLIAM A. PULVER CHIEF ENGINEER												WORK IDENTIFICATION NO. (W.I.N.) 027300.00		OF 7			
DATE _____												NOVEMBER 2025 RIGHT-OF-WAY MAP					
												SCALE 1"= 25'		SHEET 1 OF 1		D.O.T. FILE NO. 12-147	

Date: 4/9/2026
Username: MarkGenaris