STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLAN LEGEND

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

Boring — HB-XXX-###

Pavement Core — PC-#

Test Pit — TP-XXX-###

Probe — P-#.#X

#.# = Depth
X = W (Weathered Rock)
R (Refusal)
NR (No Refusal)

LYMAN
YORK
ROUTE 111

FEDERAL AID PROJ. NO. 2628200
PROJECT LENGTH: 0.30 MILES

INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
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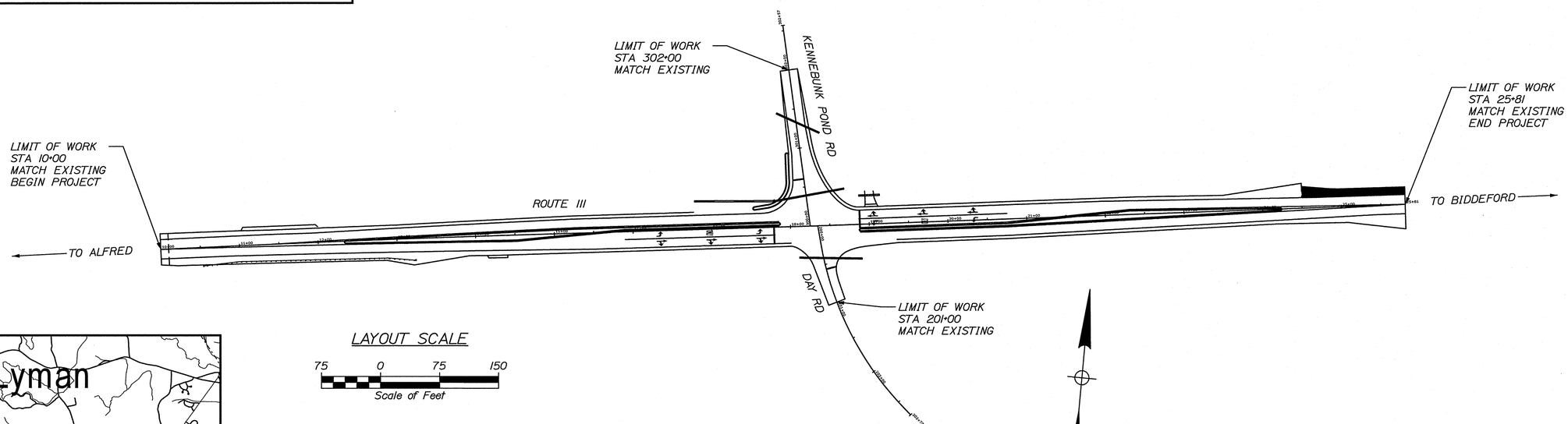
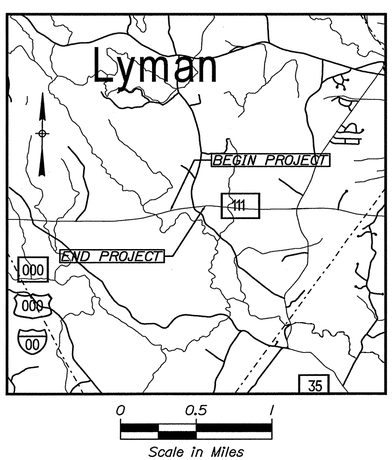
Estimated Quantities & Earthwork Summary	4
Drainage Sheet & Construction Notes	5
General Notes	6
Strain Pole Foundation and Boring Location Plan with Boring Log	7
Striping Plans	8-10
Geometric Plans	11-13
Plan / Profile	14-18
Cross Sections	19-33
Right of Way Map	34-36
Traffic Signal Sheets	C1-C2



LAYOUT SCALE

75 0 75 150
Scale of Feet



LOCATION MAP

TRAFFIC DATA

Current (2025) AADT	13780
Future (2045) AADT	15410
DHV - % of AADT	10
Design Hour Volume	1550
% Heavy Trucks (AADT)	7%
% Heavy Trucks (DHV)	3%
Directional Distribution (DHV)	62%
18-kip Equivalent P 2.0	355
18-kip Equivalent P 2.5	339
Design Speed (mph)	55
Corridor Priority	1

PROJECT LOCATION:	INTERSECTION OF ROUTE 111 AND KENNEBUNK POND ROAD/DAY ROAD IN LYMAN
PROGRAM AREA:	HIGHWAY PROGRAM
SCOPE OF WORK:	INTERSECTION IMPROVEMENTS

FEDERAL AID PROJECT NO. 2628200

WIN 026282.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED	DATE
ACTING COMMISSIONER:	9-15-25
CHIEF ENGINEER:	9-10-25

STATE OF MAINE — ATLEE MOUSSEAU — No. 10415 — LICENSED PROFESSIONAL ENGINEER

SIGNATURE	10415	
P.E. NUMBER	8-26-25	
DATE		

PROJECT INFORMATION

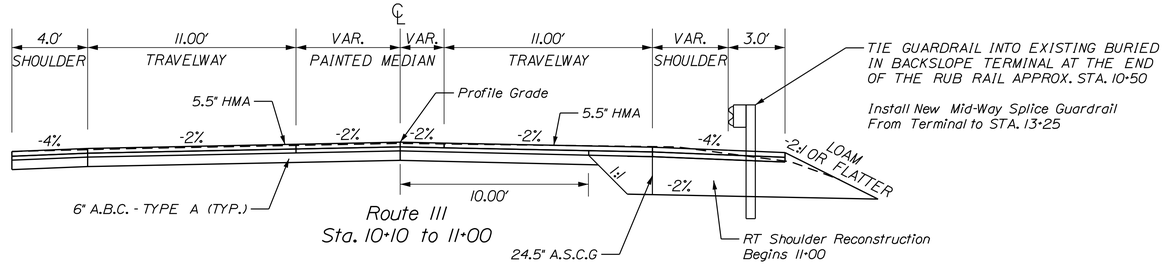
PROGRAM	HIGHWAY PROGRAM
PROJECT MANAGER	MARTIN RODNEY
DESIGNER	NATHAN SEGLER
CONSULTANT	
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

LYMAN
ROUTE 111

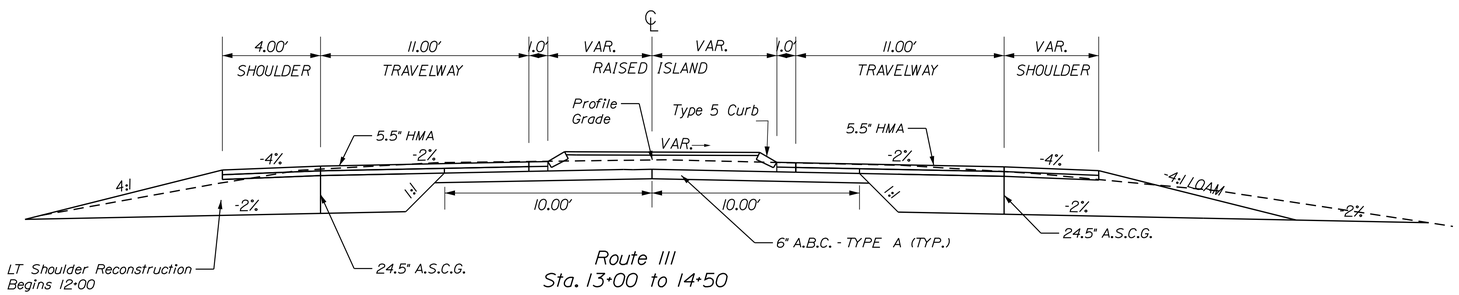
TITLE SHEET

SHEET NUMBER
1
OF 36

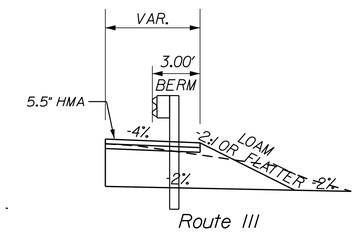
Filename: ...\00\HIGHWAY\MSTA\001_Title.dgn Division: HIGHWAY Username: nathan.segler Date:8/21/2025



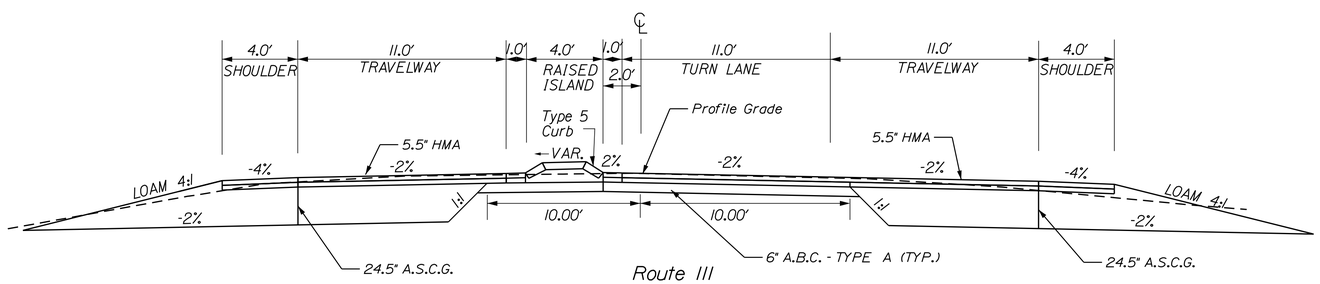
Route 111
Sta. 10+10 to 11+00



Route 111
Sta. 13+00 to 14+50



Route 111
Guardrail Section
Sta. 11+00 to 13+21



Route 111
Sta. 15+90 to 17+90

NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.

2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.

3. CROWNS FOR BOTH NORMAL AND SUPERELEVATED SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.

4. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 2" LOAM OR DIRTY BORROW DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.

5. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.

6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN 026282.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	M. ROONEY		
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

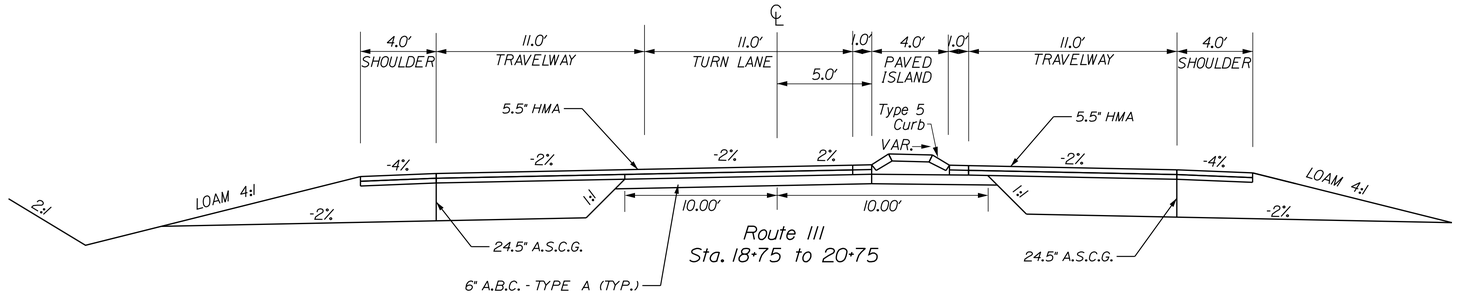
DATE

LYMAN
ROUTE 111

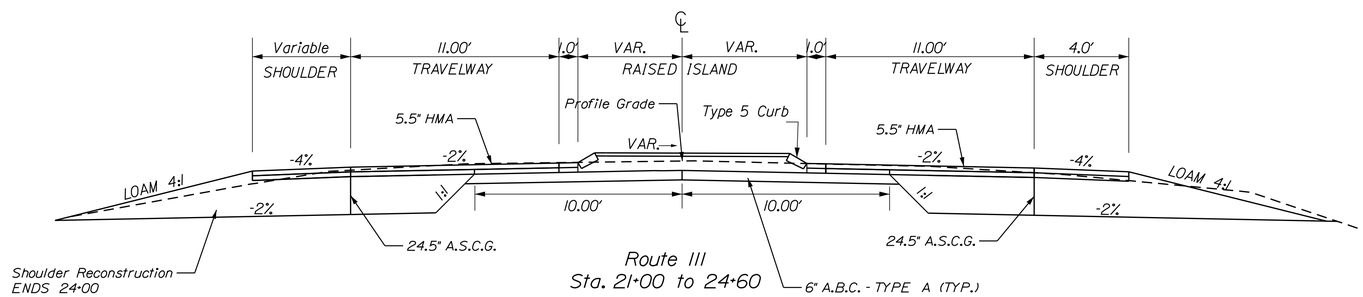
TYPICAL SECTIONS

SHEET NUMBER
2
OF 36

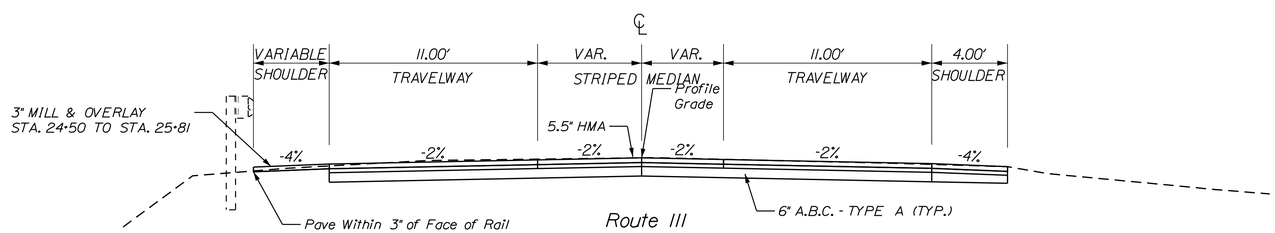
Filename: ...\HIGHWAY\MSTA\002_Typical1.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



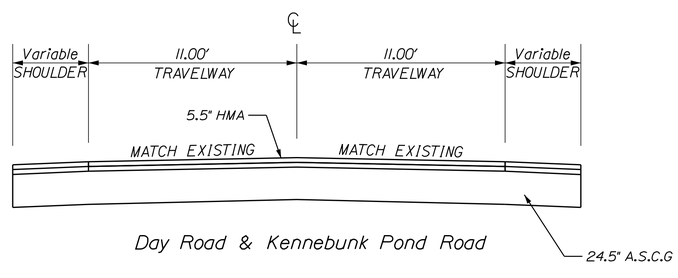
Route III
Sta. 18+75 to 20+75



Route III
Sta. 21+00 to 24+60



Route III
24+50 TO 25+81



Day Road & Kennebunk Pond Road

NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.

2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.

3. CROWNS FOR BOTH NORMAL AND SUPERELEVATED SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.

4. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 2" LOAM OR DIRTY BORROW DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.

5. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.

6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN 026282.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	M. ROONEY		
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED	-----	-----	
DESIGN2-DETAILED2	-----	-----	
DESIGN3-DETAILED3	-----	-----	
REVISIONS 1	-----	-----	
REVISIONS 2	-----	-----	
REVISIONS 3	-----	-----	
REVISIONS 4	-----	-----	
FIELD CHANGES	-----	-----	

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

TYPICAL SECTIONS

SHEET NUMBER

3

OF 36

Filename: ...\HIGHWAY\MSTA\003_Typical2.dgn Division: HIGHWAY Username: nathan.segler Date:8/21/2025

ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
202.15	REMOVING MANHOLE OR CATCHBASIN	1	EA
202.202	REMOVING PAVEMENT SURFACE	300	SY
203.20	COMMON EXCAVATION	5352	CY
304.10	AGGREGATE SUBBASE COURSE GRAVEL	4000	CY
304.14	AGGREGATE BASE COURSE - TYPE A	675	CY
403.2081	HOT MIX ASPHALT 12.5mm (POLYMER MODIFIED)	675	TON
403.209	HOT MIX ASPHALT, 9.5mm (SW,DRIVES,INCIDENTALS)	67.00	TON
403.2131	HOT MIX ASPHALT, 12.5mm BASE (POLYMER MODIFIED)	1880	TON
409.15	BITUMINOUS TACK COAT - APPLIED	490	GAL
603.175	18 INCH RCP CLASS III	356	LF
603.55	CONCRETE PIPE TIES	14	GP
604.092	CATCH BASIN B1-C	1	EA
606.1301	31" W-BEAM GUARDRAIL - MID - WAY SPLICE SINGLE FACED	237.5	LF
606.1305	31" W-BEAM GUARDRAIL - MID - WAY SPLICE, FLARED TERMINAL	1	EA
609.34	CURB TYPE 5	2270	LF
609.35	CURB TYPE 5 - CIRCULAR	132	LF
610.08	PLAIN RIPRAP	40	CY
613.319	EROSION CONTROL BLANKET	720	SY
615.10	DIRTY BORROW	250	CY
618.14	SEEDING, METHOD NUMBER 2	41	UN
619.12	MULCH	41	UN
626.221	NON-METALLIC CONDUIT CONCRETE ENCASED	65	LF
626.35	CONTROLLER CABINET FOUNDATION	1	EA
626.440	36 INCH DIAMETER FOUNDATION	15	LF
627.733	4" WHITE OR YELLOW PAINT PVMT MARKING LINE	6750	LF
627.75	WHITE OR YELLOW PAVEMENT AND CURB MARKING	410	SF
627.78	TEMP. 4" PAINTED PVMT MARKING LINE, WHITE OR YELLOW	13500	LF
629.05	HAND LABOR	20	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	20	HR
639.19	FIELD OFFICE TYPE B	1	EA
643.80	TRAFFIC SIGNAL AT ROUTE 111	1	LS
643.81	TRAFFIC SIGNAL CONTROL SYSTEM	1	LS
643.83	VIDEO DETECTION SYSTEM	1	LS
643.93	STRAIN POLE	1	EA
643.97	WOOD POLES WITH GUYS AND SPAN WIRE	3	EA
645.292	REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	45	EA
652.33	DRUM	45	EA
652.34	CONE	130	EA
652.35	CONSTRUCTION SIGNS	320	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	60	CD
652.38	FLAGGER	3600	HR
656.75	TEMP. SOIL EROS. AND WATER POLL. CONTROL	1	LS
659.10	MOBILIZATION	1	LS

EARTHWORK SUMMARY

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM MODEL OR PLANS)	5351.8	
GRUBBING IN FILL	66.9	
LOAM SALVAGE IN FILL		
UNDERCUT		
MUCK EXCAVATION		
PEAT EXCAVATION		
CULVERT INLET AND OUTLET DITCHES		
PAVEMENT SALVAGE IN FILL		
TOTAL COMMON EXCAVATION		5418.7

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM MODEL OR PLANS)	117.8	
GRUBBING IN FILL	66.9	
LOAM SALVAGE IN FILL		
UNDERCUT		
MUCK EXCAVATION		
PEAT EXCAVATION		
PAVEMENT SALVAGE IN FILL		
RECYCLED PAVEMENT REMOVAL IN FILL		
TOTAL FILL		184.7

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION (FROM CROSS SECTIONS)		
ROCK EXCAVATION (BOULDERS)		
TOTAL ROCK EXCAVATION		0

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

ALL DEDUCTIONS:		
GRUBBING IN CUT	651.7	
GRUBBING IN FILL	66.9	
LOAM SALVAGE IN CUT		
LOAM SALVAGE IN FILL		
UNDERCUT		
MUCK EXCAVATION		
PEAT EXCAVATION		
PAVEMENT SALVAGE (CUT & FILL)	1396	
TOTAL DEDUCTIONS		2114.6
TOTAL AVAILABLE COMMON EXCAVATION (-) TOTAL DEDUCTIONS	3304.1	
TOTAL AVAILABLE STRUCTURAL EXCAVATION (UNDERDRAIN ONLY)		
RIPRAP EXCAVATION		
TOTAL AVAILABLE NON-ROCK EXCAVATION		3304.1

COMPUTATION OF WASTE STORAGE & WASTE MATERIAL

TOTAL AVAILABLE WASTE STORAGE AREA (FROM CROSS SECTIONS)		
GRUBBING IN CUT	651.7	
GRUBBING IN FILL	66.9	
UNDERCUT		
MUCK EXCAVATION		
PEAT EXCAVATION		
TOTAL WASTE MATERIAL	718.6	
TOTAL WASTE MATERIAL TO BE UTILIZED*		
TOTAL WASTE MATERIAL TO BE WASTED		718.6

COMPUTATION FOR SURPLUS MATERIAL OR COMMON BORROW FOR ESTIMATE

TOTAL AVAILABLE NON-ROCK EXCAVATION	3304.1	x 0.90	=	2973.69
TOTAL AVAILABLE ROCK EXCAVATION	0	x 1.30	=	0
TOTAL AVAILABLE STRUCTURAL ROCK EXCAVATION		x 1.30	=	0
TOTAL WASTE MATERIAL TO BE UTILIZED	0	x 0.90	=	0

TOTAL AVAILABLE EXCAVATION	2974
BORROW NEEDED = TOTAL FILL (-) TOTAL AVAILABLE EXCAVATION	0
IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION (-) TOTAL FILL, (+)	
TOTAL WASTE MATERIAL TO BE WASTED	3508
SURPLUS MATERIAL	**3508 CY**

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2628200

WIN 26282.00

HIGHWAY PLANS

SIGNATURE
P.E. NUMBER
DATE

	BY	DATE
PROJ. MANAGER	M. RODNEY	
DESIGN-DETAILED	N. SEGLER	JUL 2025
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

LYMAN
ROUTE 111

ESTIMATED QUANTITIES/
EARTH WORK SUMMARY

SHEET NUMBER
4
OF 36

Filename: ...\HIGHWAY\MSTA\004_Estimate.dgn Division: HIGHWAY Username: nathan.segler Date:9/2/2025

STATION	CATCH BASIN	CULVERT PIPE							UNDERDRAIN	ELBOWS, TEES, WYES, AND INLET GRATE UNITS	REMARKS
		RCP			OPTION I		OPTION III		6" TYPE B		
	B1-C	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	LENGTH	DESCRIPTIONS	
CATCH BASIN											
STA. 17+90.14, 30.91 LT - CB#1	1										
ROADWAY CULVERT											
STA. 16+79.14, 35.74' LT TO CB#1		18"	100'	III							4' sections shall be placed in middle 1/3 of pipe run
CB#1 TO STA. 18+69.36, 46.03' LT		18"	88'	III							
STA. 200+35.13, 29.54' RT TO STA. 200+54.30, 47.37' LT		18"	80'	III							
STA. 301+47.56, 22.98' LT TO STA. 301+16.06, 27.02' RT		18"	60'	III							
DRIVEWAY CULVERT											
STA. 18+88.09, 36.52' LT TO STA. 19+14.17, 36.52' LT		18"	28'	III							

ITEM 606.1301 - 31" W-BEAM GUARDRAIL - MID-WAY SPLICE SINGLE FACED		
LOCATION	LENGTH (FT)	QUANTITY (BEAMS)
STA. 10+64.20 to STA. 12+88.51, RT	237.5	19

ITEM 606.1303 - 31" W-BEAM GUARDRAIL - MID-WAY SPLICE, FLARED TERMINAL	
LOCATION	QUANTITY EACH)
STA. 12+88.51, RT	1

ITEM 610.08 PLAIN RIPRAP			
CULVERT	RIPRAP PAD INLET	RIPRAP PAD OULET	
STA. 118+69.56 LT		4.5' x 6.75'	INSTALL CULVERT END PROTECTION
STA. 119+14.17 LT		4.5' x 6.75'	INSTALL CULVERT END PROTECTION
STA. 200+54.30 LT		4.5' x 6.75'	INSTALL CULVERT END PROTECTION
STA. 300+16.06 RT		4.5' x 6.75'	INSTALL CULVERT END PROTECTION

ITEM 613.319 - EROSION CONTROL BLANKET
STA. 12+00.00 TO STA. 13+75.00 LT
STA. 16+50.00 TO STA. 18+10.84 RT
STA. 16+50.00 TO STA. 16+81.63 LT
STA. 18+69.56 TO STA 18+88.29 LT
STA. 19+14.17 TO STA. 20+50.06 LT
STA. 200+83.62 TO STA. 200+36.28 RT
STA. 301+88.20 TO STA. 301+47.00 LT
STA. 301+51.93 TO STA 300+41.32 RT

DRIVES AND ENTRANCES	
STATION	TYPE
STA. 11+50.00 LT	PAVED ENT.
STA. 14+25.00 RT	GRAVEL DR.
STA. 17+00.00 LT	PAVED ENT.
STA. 19+02.00 LT	GRAVEL DR.
STA. 301+20.00 LT	PAVED ENT.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN 026282.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	M. ROONEY	
DESIGN-DETAILED	N. SEGLER	JUL 2025
CHECKED-REVIEWED	------	------
DESIGN2-DETAILED2	------	------
DESIGN3-DETAILED3	------	------
REVISIONS 1	------	------
REVISIONS 2	------	------
REVISIONS 3	------	------
REVISIONS 4	------	------
FIELD CHANGES	------	------

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

DRAINAGE SHEET/
CONSTRUCTION NOTES

SHEET NUMBER

5

OF 36

Filename: ...\005_Drainage and Construction Notes.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025

GENERAL NOTES

1. Pavement thicknesses shown on the typical sections are intended to be nominal.

2. 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.

3. 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.

4. Prior to removing any pavement or placing any shim pavement, the roadway will be inspected for possible subsurface boulders, which will be removed as directed by the Resident. Payment will be made under appropriate Contract rental items. Backfill will be placed to subgrade with material consistent with the surrounding material. Aggregate subbase course gravel will be placed from subgrade to finish grade and will be paid under the appropriate item.

5. Where deemed necessary by the Resident, unsuitable excess material shall be removed from the edges of shoulders and placed in designated areas or disposed of. Payment will be made under the appropriate Contract items.

6. All inslope and ditches in cut areas shall be graded as shown on the typicals or flatter, or as directed by the Resident.

7. The Contractor shall plan and conduct work so that upon completion of the project there is no drop-off from the edge of the shoulder pavement.

8. The Contractor shall place suitable existing or other material acceptable to the Resident on all pavement edges to allow a drop off no greater than the surface pavement thickness. The material shall be graded to match the existing inslope or as directed by the Resident before surface is placed. The Contractor will be paid under appropriate equipment rental items. Borrow is not authorized until all acceptable waste material has been utilized. Seed and Mulch will be paid for at the contract unit price.

9. Driveway fill side slopes shall be the same as the fill side slopes without guardrail unless otherwise noted on the Plans.

10. 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.

11. 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.

12. 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.

13. Gravel entrances shall be constructed with 14 inches of aggregate subbase course gravel or 11 inches of aggregate subbase course gravel and 3 inches of untreated aggregate surface course unless otherwise noted in the Plans or directed by the Resident.

14. Commercial paved entrances shall be constructed with 3 inches of hot mix asphalt and 11 inches of aggregate subbase course gravel.

15. A 3-foot paved lip shall be placed at all unpaved entrances unless otherwise noted in the Plans or directed by the Resident.

16. 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.

17. All existing paved shoulders and widenings shall be resurfaced as directed by the Resident.

18. Cross slopes for normal and superelevated sections will be straight unless otherwise directed by the Department.

19. The algebraic difference between travelway and shoulder cross slope shall not exceed 8 percent.

20. No existing drainage shall be abandoned, removed or plugged without prior approval of the Resident.

21. Inlets and outlets of all culverts shall be riprapped unless otherwise noted on the Plans or directed by the Resident.

22. Flat tops for catch basins are not allowed unless noted on the Plans or directed by the Resident.

23. Guardrail end treatments shall be installed concurrently with the placement of each section of beam guardrail.

24. All existing guardrail removed and not reused on the project will become the property of the Contractor. Removal and disposal shall be considered incidental to the guardrail items.

25. Two reflectorized flexible guardrail markers (Standard Specifications Item 606.353, Reflectorized Flexible Guardrail Marker) will be installed at each guardrail end.

26. Dirty borrow has been estimated for all disturbed slope areas other than lawn areas. Actual placement of the dirty borrow shall be as noted on the Plans or designated by the Resident.

27. 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.

28. Dirty borrow shall be placed to a nominal depth of 2 inches unless otherwise noted or directed.

29. Acrylic latex color finish green (Standard Specifications Item 658.20, Acrylic Latex Color Finish) shall be placed on all paved islands.

30. White pavement/curb marking (Standard Specifications Item 627.75, White or Yellow Pavement & Curb Marking) shall be applied to all island tapered ends.

31. Any base pavement not surfaced before winter will require temporary pavement markings of paint, both yellow centerline and white edge lines and will be considered part of Standard Specifications Item 627.78, Temporary Pavement Marking Line, White or Yellow.

32. 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.

33. 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.

34. 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.

35. Areas on the project requiring fill will come from suitable sites such as excavation, ditch and inslope or equipment rental areas.

36. 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.

37. 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.

38. 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.

39. 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.

Filename: ...\MSTA\006_GeneralNotes.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2628200

WIN 26282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

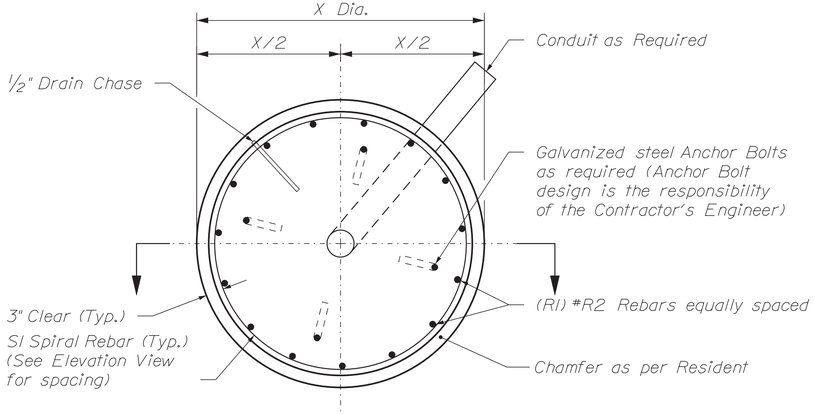
SIGNATURE

P.E. NUMBER

DATE

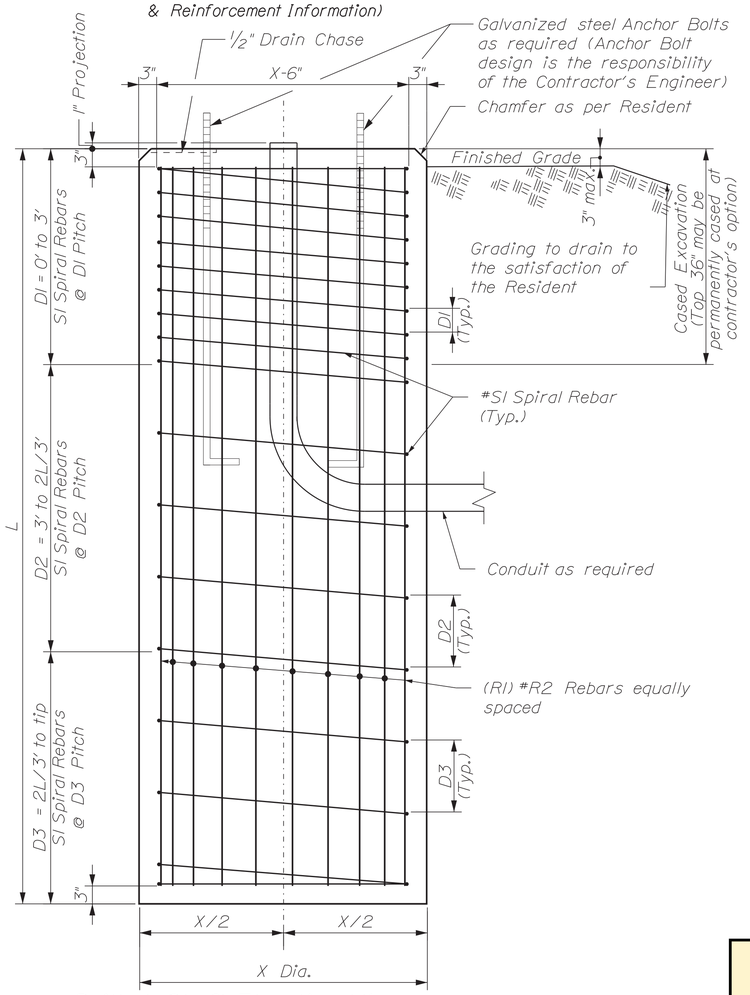
LYMAN
ROUTE 111

GENERAL NOTES



Drilled Shaft Plan View

Not to Scale (See Table for Drilled Shaft Dimensions & Reinforcement Information)



Drilled Shaft Elevation View

Not to Scale (See Table for Drilled Shaft Dimensions & Reinforcement Information)

STRAIN POLE

See Table at the Right and Boring Location Plan, for Station & Offsets of Strain Pole

NOTES:

1. All reinforcing steel is to be grade 60 and conform to MaineDOT Standard Specification requirements along with any project specific Supplementals or Special Provisions.

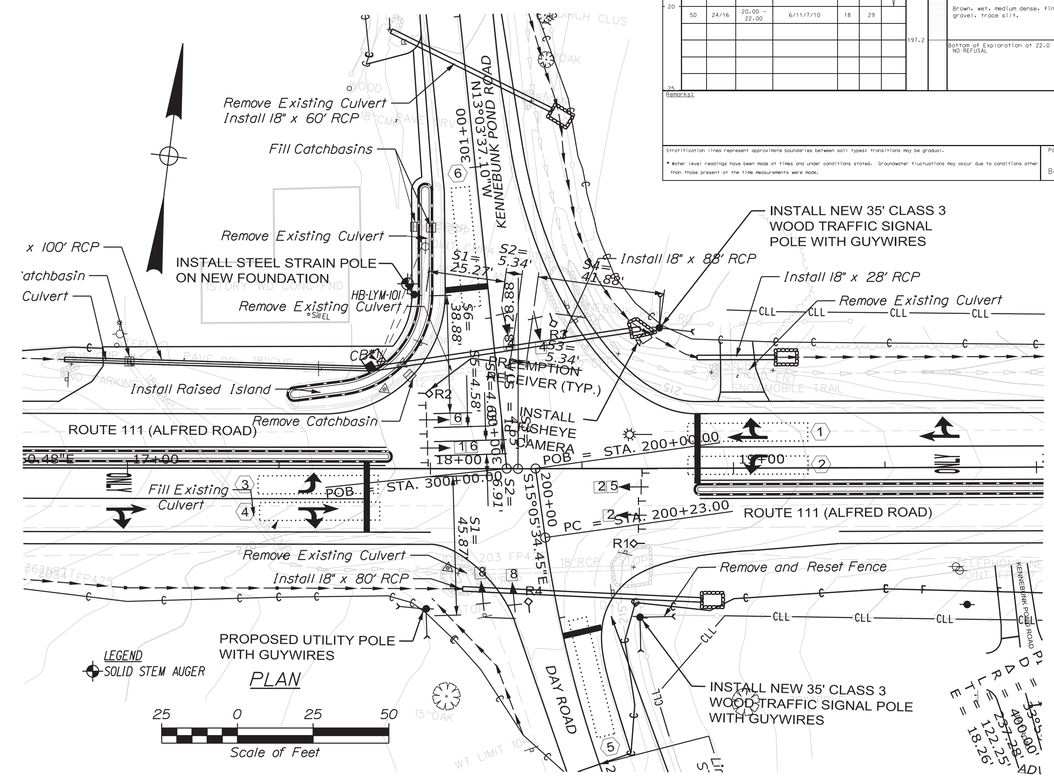
2. All rebar shall have 3" cover unless otherwise noted.

3. Should there be a discrepancy between these Details and actual observed field conditions report it to the Resident immediately.

4. Do not proceed with dependent work until any such discrepancy is resolved to the satisfaction of the Resident.

5. Concrete to be Class LP with f'c = 5,000 PSI.

6. Foundation sizes are designed based on estimated loading conditions and are subject to change based on the design of the above-ground components and the actual loading conditions at the top of each foundation submitted by the Contractor in accordance with Standard Specification Section 626.034. Any increase in foundation size based on the submitted loading conditions shall be paid for at the unit price bid by the Contractor. Any reduction in foundation size shall be to the benefit of the Department at the unit price bid by the Contractor.



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

Project: Install Signal with Left-Turn Lanes on Route 111/Day Road
Location: Lyman, Maine

Boring No.: HB-LYM-101
WIN: 26282.00

Driller:	MaineDOT	Elevation (ft.)	219.2	Auger ID/OD:	5" Dia.
Operator:	Daggett/Ardrie	Datum:	NAVD88	Sampler:	Standard Split Spoon
Logged By:	B. Wilder	Rig Type:	CME 45C	Hammer Wt./Fall:	140#/30"
Date Start/Finish:	4/18/2024-4/19/2024	Drilling Method:	Solid Stem Auger	Core Barrel:	N/A
Boring Location:	300+64, 26.2 ft Lt.	Casing ID/OD:	N/A	Water Level ¶:	None Observed
Hammer Efficiency Factor: 0.962		Hammer Type:	Automatic ☒ Hydraulic ☐ Rope & Cathead ☐		

Definitions:
D = Split Spoon Sample
NE = Unsuccessful Split Spoon Sample Attempt
U = Thin Wall Tube Sample
NU = Unsuccessful Thin Wall Tube Sample Attempt
V = Field Vane Shear Test, PP = Pocket Penetrometer
NV = Unsuccessful Field Vane Shear Test Attempt
R = Rock Core Sample
SSA = Solid Stem Auger
HSA = Hollow Stem Auger
RC = Roller Cone
WOH = Weight Of 140lb. Hammer
WOR/C = Weight of Rods or Casing
WOP = Weight of One Person
S_u = Peak/Remolded Field Vane Undrained Shear Strength (psf), PP = Pocket Penetrometer Shear Strength (psf)
S_{ur} (psf) = Lab Vane Undrained Shear Strength (psf)
q_u = Unconfined Compressive Strength (ksf)
N-uncorrected = Raw Field SPT N-value
Hammer Efficiency Factor = Rig Specific Annual Calibration Value
N_{60} = SPT N-uncorrected Corrected for Hammer Efficiency
N_{60} = (Hammer Efficiency Factor/60%)*N-uncorrected
WC = Water Content, percent
LL = Liquid Limit
PL = Plastic Limit
PI = Plasticity Index
G = Grain Size Analysis
C = Consolidation Test

Depth (ft.)	Sample No.	Pen./Rec. (in)	Sample Depth (ft.)	Blows (/6 in.) Shear Strength (psf) or RQD (%)	N-uncorrected	N_{60}	Siding Stratum	Elevation (ft.)	Visual Description and Remarks	Laboratory Testing Results/ AASHTO and Unified Class
							SSA	219.0	3" HMA. In parking lot of store. 0.3	
	1D	24/13	1.00 - 3.00	2/3/3/3	6	10			Light brown, damp, loose, fine to coarse SAND, trace silt.	
5	2D	24/18	5.00 - 7.00	4/10/9/12	19	30			Similar to above. Light brown, damp, medium dense, fine to coarse SAND, trace silt.	
10	3D/4	24/18	10.00 - 12.00	7/10/12/24	22	35		207.7	3D (10.0-11.5 ft bgs.) Light brown, damp, medium dense, fine to coarse SAND, trace silt. 11.5 / 3D/4 (11.5-12.0 ft bgs.) Brown, moist, medium dense, fine to coarse SAND, some gravel, trace silt.	
15	4D	24/19	15.00 - 17.00	4/7/15/15	22	35		204.7	14.5 / Brown, wet, medium dense, fine to coarse SAND, trace gravel, trace silt.	
20	5D	24/16	20.00 - 22.00	6/11/7/10	18	29		197.2	Brown, wet, medium dense, fine to coarse SAND, trace gravel, trace silt. 22.0 / Bottom of Exploration at 22.0 feet below ground surface. NO REFUSAL	
25										

Remarks:

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-LYM-101

Foundation	Approximate Location	Drilled Shaft Dimensions		Reinforcing Steel			Spiral Bar Spacing		
		X	L	R1	R2	S1	D1 (in)	D2 (in)	D3 (in)
		Diameter (feet)	Length (feet)	Longitudinal Rebars Quantity	Longitudinal Rebars Size	Spiral Rebars Size	0 to 3 ft	3 ft to 2L/3 ft	2L/3 ft to tip
Steel Strain Pole	Northwest Corner	3.0	15.0	15	#8	#5	4	8	12

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN 26282.00

HIGHWAY PLANS

STATE OF MAINE Cody A. Russell 15866 LICENSED PROFESSIONAL ENGINEER

	BY	DATE
PROJ. MANAGER		
DESIGN-DETAILED	C.RUSSELL	AUG 2025
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

Cody A. Russell
SIGNATURE
15866
P.E. NUMBER
8/18/2025
DATE

LYMAN
ROUTE 11

STRAIN POLE FOUNDATION & BORING LOCATION PLAN WITH BORING LOG

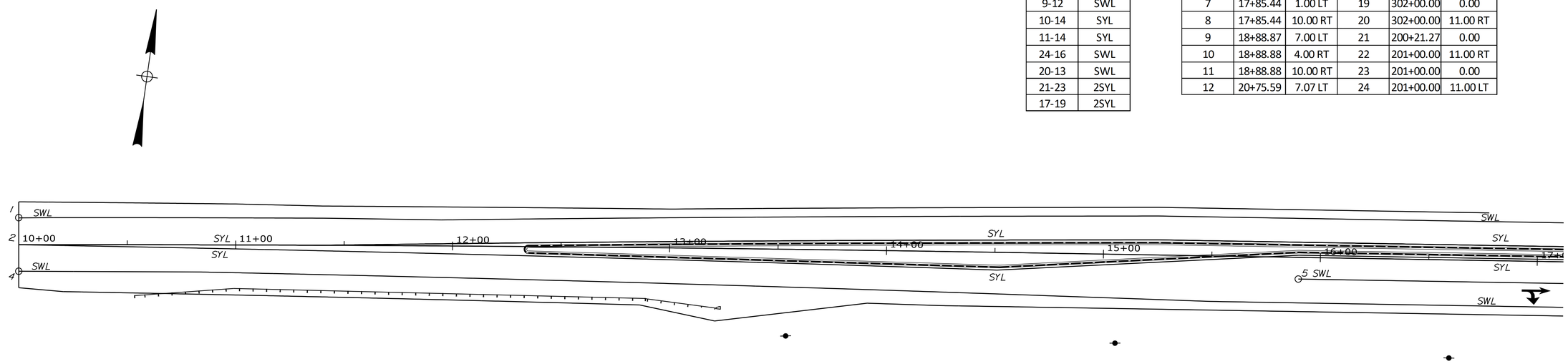
SHEET NUMBER
7
OF 36

Filename: ...\MSTA\001_SPF&BLP WBL1.dgn Division: GEOTECH Username: Terry.White Date:8/15/2025

LEGEND
SWL: SOLID WHITE LINE
SYL: SOLID YELLOW LINE
2SYL: TWO SOLID YELLOW LINES

PT to PT	TYPE
1-18	SWL
2-6	SYL
2-7	SYL
4-22	SWL
5-8	SWL
9-12	SWL
10-14	SYL
11-14	SYL
24-16	SWL
20-13	SWL
21-23	2SYL
17-19	2SYL

POINT	STATION	OFFSET	POINT	STATION	OFFSET
1	10+00.00	12.50 LT	13	25+81.13	11.80 LT
2	10+00.00	0.00	14	25+81.00	0.00
4	10+00.00	13.27 RT	16	25+80.98	11.80 RT
5	15+90.00	10.00 RT	17	300+18.18	0.00
6	17+85.40	7.00 LT	18	302+00.00	11.00 LT
7	17+85.44	1.00 LT	19	302+00.00	0.00
8	17+85.44	10.00 RT	20	302+00.00	11.00 RT
9	18+88.87	7.00 LT	21	200+21.27	0.00
10	18+88.88	4.00 RT	22	201+00.00	11.00 RT
11	18+88.88	10.00 RT	23	201+00.00	0.00
12	20+75.59	7.07 LT	24	201+00.00	11.00 LT



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	M. ROONEY	JUL 2025
DESIGN-DETAILED	N. SEGLER	-----
CHECKED-REVIEWED	-----	-----
DESIGN2-DETAILED2	-----	-----
DESIGN3-DETAILED3	-----	-----
REVISIONS 1	-----	-----
REVISIONS 2	-----	-----
REVISIONS 3	-----	-----
REVISIONS 4	-----	-----
FIELD CHANGES	-----	-----

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

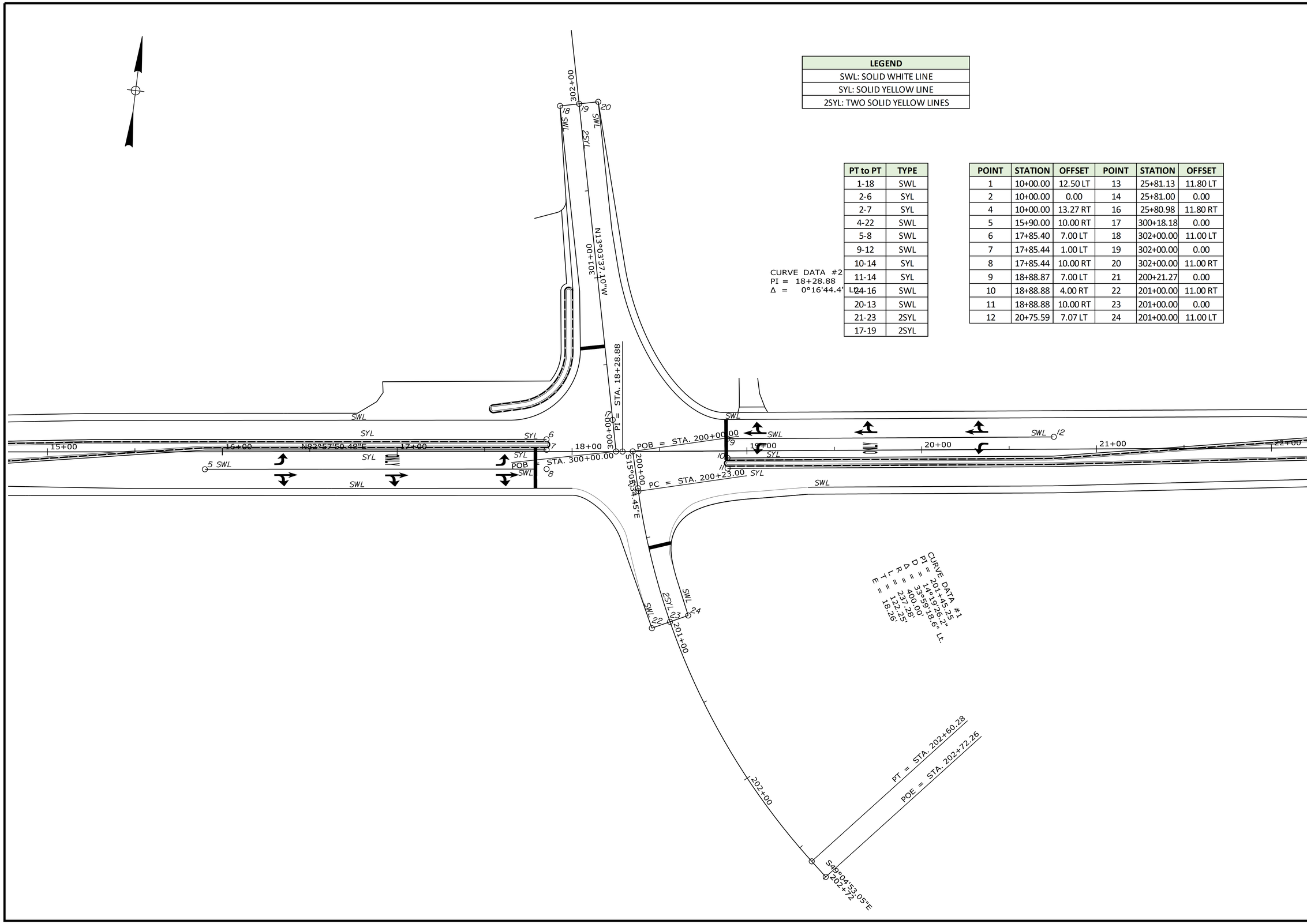
STRIPING PLANS

SHEET NUMBER

8

OF 36

Filename: ...\MSTA\008_Striping 1.DGN Division: HIGHWAY Username: nathan.segler Date:8/5/2025



LEGEND
SWL: SOLID WHITE LINE
SYL: SOLID YELLOW LINE
2SYL: TWO SOLID YELLOW LINES

CURVE DATA #2
PI = 18+28.88
Δ = 0°16'44.4" Lt.

PT to PT	TYPE
1-18	SWL
2-6	SYL
2-7	SYL
4-22	SWL
5-8	SWL
9-12	SWL
10-14	SYL
11-14	SYL
24-16	SWL
20-13	SWL
21-23	2SYL
17-19	2SYL

POINT	STATION	OFFSET	POINT	STATION	OFFSET
1	10+00.00	12.50 LT	13	25+81.13	11.80 LT
2	10+00.00	0.00	14	25+81.00	0.00
4	10+00.00	13.27 RT	16	25+80.98	11.80 RT
5	15+90.00	10.00 RT	17	300+18.18	0.00
6	17+85.40	7.00 LT	18	302+00.00	11.00 LT
7	17+85.44	1.00 LT	19	302+00.00	0.00
8	17+85.44	10.00 RT	20	302+00.00	11.00 RT
9	18+88.87	7.00 LT	21	200+21.27	0.00
10	18+88.88	4.00 RT	22	201+00.00	11.00 RT
11	18+88.88	10.00 RT	23	201+00.00	0.00
12	20+75.59	7.07 LT	24	201+00.00	11.00 LT

CURVE DATA #1
PI = 201+45.25
Δ = 14°19'26.2" Lt.
D = 3°59'18.6"
R = 400.00'
L = 237.28'
T = 122.25'
E = 18.26'

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	M. ROONEY	
DESIGN-DETAILED	N. SEGLER	JUL 2025
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

STRIPING PLANS

SHEET NUMBER

9

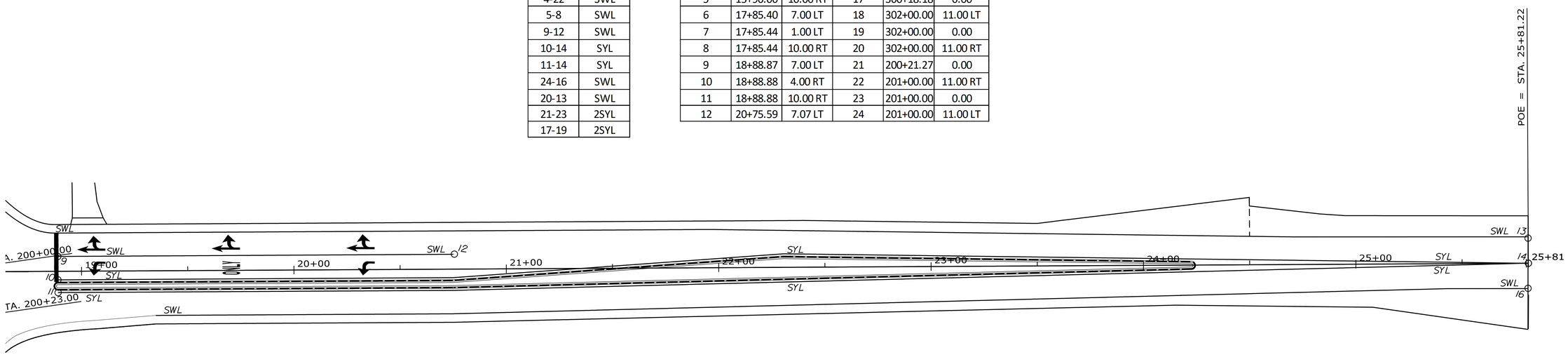
OF 36

Filename: ...\MSTA\009_Striping 2.DGN Division: HIGHWAY Username: nathan.segler Date:8/5/2025

LEGEND
SWL: SOLID WHITE LINE
SYL: SOLID YELLOW LINE
2SYL: TWO SOLID YELLOW LINES

PT to PT	TYPE
1-18	SWL
2-6	SYL
2-7	SYL
4-22	SWL
5-8	SWL
9-12	SWL
10-14	SYL
11-14	SYL
24-16	SWL
20-13	SWL
21-23	2SYL
17-19	2SYL

POINT	STATION	OFFSET	POINT	STATION	OFFSET
1	10+00.00	12.50 LT	13	25+81.13	11.80 LT
2	10+00.00	0.00	14	25+81.00	0.00
4	10+00.00	13.27 RT	16	25+80.98	11.80 RT
5	15+90.00	10.00 RT	17	300+18.18	0.00
6	17+85.40	7.00 LT	18	302+00.00	11.00 LT
7	17+85.44	1.00 LT	19	302+00.00	0.00
8	17+85.44	10.00 RT	20	302+00.00	11.00 RT
9	18+88.87	7.00 LT	21	200+21.27	0.00
10	18+88.88	4.00 RT	22	201+00.00	11.00 RT
11	18+88.88	10.00 RT	23	201+00.00	0.00
12	20+75.59	7.07 LT	24	201+00.00	11.00 LT



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. RODNEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

STRIPING PLANS

SHEET NUMBER

10

OF 36

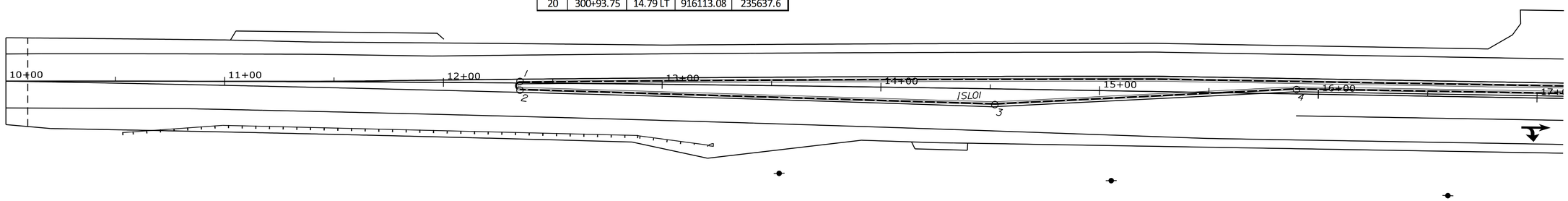
Filename: ...\MSTA\010_Striping 3.DGN Division: HIGHWAY Username: nathan.segler Date:8/5/2025

PI	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL01				
1	12+35.01	0.73 LT	915563.01	235477.00
2	12+35.03	3.27 RT	915563.55	235473.03
3	14+52.22	7.19 RT	915779.43	235496.73
4	15+90.00	2.00 LT	915915.05	235522.72
5	17+85.40	6.00 LT	916108.49	235550.63
6	17+85.44	1.97 LT	916109.01	235546.66

PI	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL02				
7	18+88.88	5.00 RT	916212.52	235552.68
8	18+88.83	9.00 RT	916213.94	235547.30
9	20+75.00	5.00 RT	916397.13	235576.37
10	22+30.57	5.37 LT	916550.11	235606.47
11	24+22.54	1.88 LT	916740.97	235627.45
12	24+22.54	2.12 RT	916741.48	235623.47

PI	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL03				
13	300+34.16	67.23 LT	916075.49	235567.69
14	300+29.17	67.08 LT	916076.74	235562.85
15	300+34.56	51.11 LT	916091.09	235571.71
16	300+29.58	50.27 LT	916093.03	235567.05
17	300+59.67	23.23 LT	916112.56	235602.54
18	300+60.88	18.09 LT	916117.3	235604.82
19	300+94.27	19.76 LT	916108.12	235636.98
20	300+93.75	14.79 LT	916113.08	235637.6

PT to PT	RADIUS (FT)	LENGTH (FT)
1-5		550.46
1-2	2.00	6.40
2-3		217.18
3-4		138.09
4-6		195.44
5-6	2.00	6.33
7-8	2.00	6.26
7-9		186.12
9-10		155.92
10-11		192.00
8-12		533.77
11-12	2.00	6.27
13-14	2.50	7.85
13-15		16.10
15-17	28.80	40.93
17-19		34.72
19-20	2.50	7.89
14-16		16.82
16-18	33.80	49.10
18-20		33.05



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	M. ROONEY	
DESIGN-DETAILED	N. SEGLER	JUL 2025
CHECKED-REVIEWED	------	------
DESIGN2-DETAILED2	------	------
DESIGN3-DETAILED3	------	------
REVISIONS 1	------	------
REVISIONS 2	------	------
REVISIONS 3	------	------
REVISIONS 4	------	------
FIELD CHANGES	------	------

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

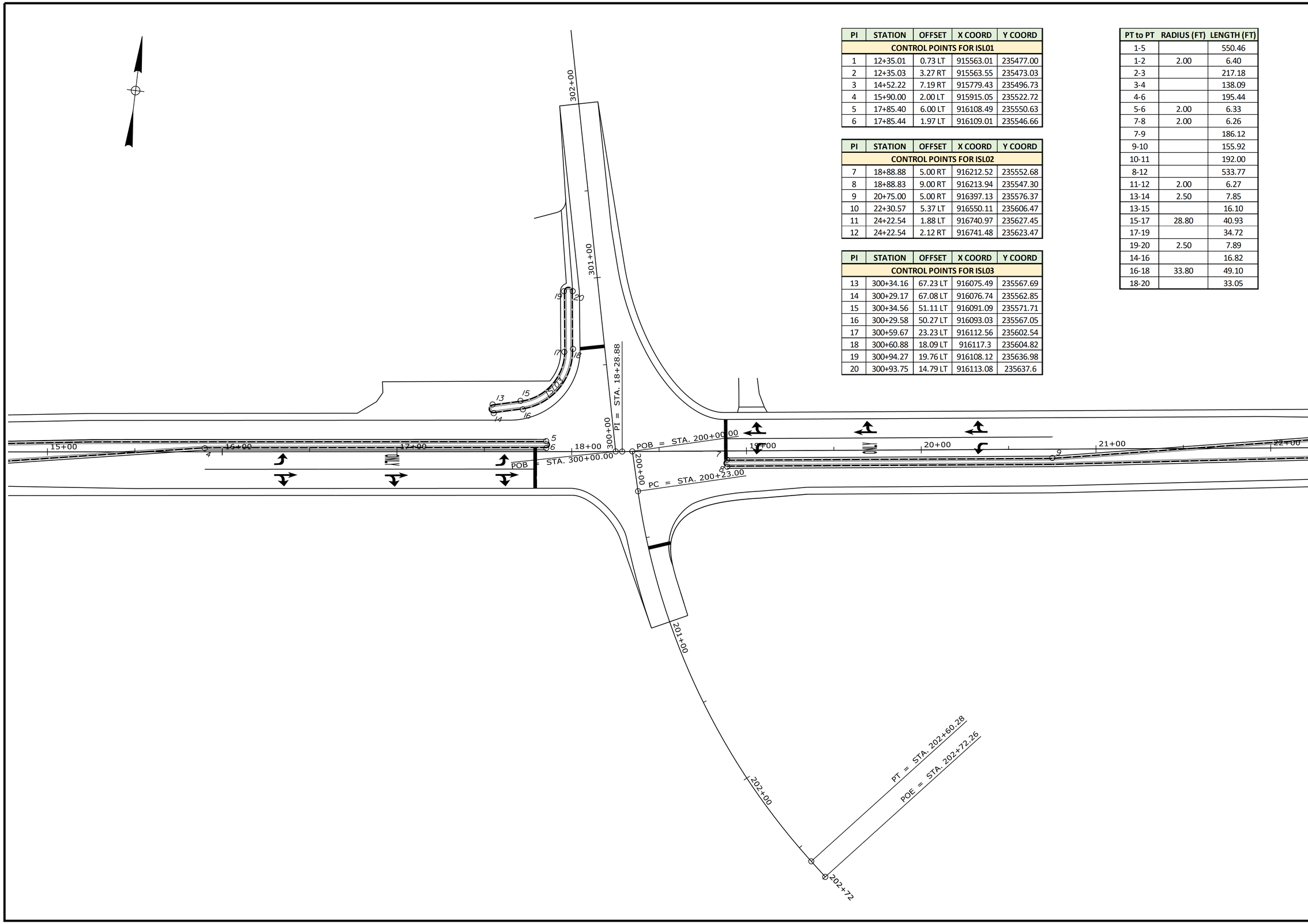
GEOMETRIC PLANS

SHEET NUMBER

11

OF 36

Filename: ...\MSTA\011_Geometrics 1.DGN Division: HIGHWAY Username: nathan.segler Date:8/5/2025



PI	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL01				
1	12+35.01	0.73 LT	915563.01	235477.00
2	12+35.03	3.27 RT	915563.55	235473.03
3	14+52.22	7.19 RT	915779.43	235496.73
4	15+90.00	2.00 LT	915915.05	235522.72
5	17+85.40	6.00 LT	916108.49	235550.63
6	17+85.44	1.97 LT	916109.01	235546.66

PI	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL02				
7	18+88.88	5.00 RT	916212.52	235552.68
8	18+88.83	9.00 RT	916213.94	235547.30
9	20+75.00	5.00 RT	916397.13	235576.37
10	22+30.57	5.37 LT	916550.11	235606.47
11	24+22.54	1.88 LT	916740.97	235627.45
12	24+22.54	2.12 RT	916741.48	235623.47

PI	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL03				
13	300+34.16	67.23 LT	916075.49	235567.69
14	300+29.17	67.08 LT	916076.74	235562.85
15	300+34.56	51.11 LT	916091.09	235571.71
16	300+29.58	50.27 LT	916093.03	235567.05
17	300+59.67	23.23 LT	916112.56	235602.54
18	300+60.88	18.09 LT	916117.3	235604.82
19	300+94.27	19.76 LT	916108.12	235636.98
20	300+93.75	14.79 LT	916113.08	235637.6

PT to PT	RADIUS (FT)	LENGTH (FT)
1-5		550.46
1-2	2.00	6.40
2-3		217.18
3-4		138.09
4-6		195.44
5-6	2.00	6.33
7-8	2.00	6.26
7-9		186.12
9-10		155.92
10-11		192.00
8-12		533.77
11-12	2.00	6.27
13-14	2.50	7.85
13-15		16.10
15-17	28.80	40.93
17-19		34.72
19-20	2.50	7.89
14-16		16.82
16-18	33.80	49.10
18-20		33.05

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN 026282.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	M. ROONEY	
DESIGN-DETAILED	N. SEGLER	JUL 2025
CHECKED-REVIEWED	-----	-----
DESIGN2-DETAILED2	-----	-----
DESIGN3-DETAILED3	-----	-----
REVISIONS 1	-----	-----
REVISIONS 2	-----	-----
REVISIONS 3	-----	-----
REVISIONS 4	-----	-----
FIELD CHANGES	-----	-----

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

GEOMETRIC PLANS

SHEET NUMBER

12

OF 36

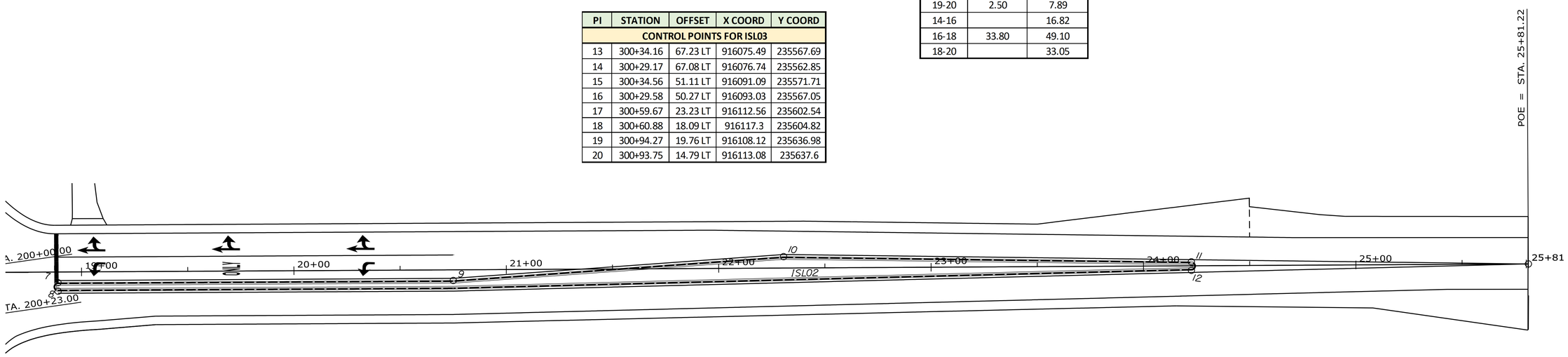
Filename: ...\MSTA\012_Geometrics 2.DGN Division: HIGHWAY Username: nathan.segler Date:8/5/2025

PI	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL01				
1	12+35.01	0.73 LT	915563.01	235477.00
2	12+35.03	3.27 RT	915563.55	235473.03
3	14+52.22	7.19 RT	915779.43	235496.73
4	15+90.00	2.00 LT	915915.05	235522.72
5	17+85.40	6.00 LT	916108.49	235550.63
6	17+85.44	1.97 LT	916109.01	235546.66

PI	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL02				
7	18+88.88	5.00 RT	916212.52	235552.68
8	18+88.83	9.00 RT	916213.94	235547.30
9	20+75.00	5.00 RT	916397.13	235576.37
10	22+30.57	5.37 LT	916550.11	235606.47
11	24+22.54	1.88 LT	916740.97	235627.45
12	24+22.54	2.12 RT	916741.48	235623.47

PI	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL03				
13	300+34.16	67.23 LT	916075.49	235567.69
14	300+29.17	67.08 LT	916076.74	235562.85
15	300+34.56	51.11 LT	916091.09	235571.71
16	300+29.58	50.27 LT	916093.03	235567.05
17	300+59.67	23.23 LT	916112.56	235602.54
18	300+60.88	18.09 LT	916117.3	235604.82
19	300+94.27	19.76 LT	916108.12	235636.98
20	300+93.75	14.79 LT	916113.08	235637.6

PT to PT	RADIUS (FT)	LENGTH (FT)
1-5		550.46
1-2	2.00	6.40
2-3		217.18
3-4		138.09
4-6		195.44
5-6	2.00	6.33
7-8	2.00	6.26
7-9		186.12
9-10		155.92
10-11		192.00
8-12		533.77
11-12	2.00	6.27
13-14	2.50	7.85
13-15		16.10
15-17	28.80	40.93
17-19		34.72
19-20	2.50	7.89
14-16		16.82
16-18	33.80	49.10
18-20		33.05



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. RODNEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS: 1			
REVISIONS: 2			
REVISIONS: 3			
REVISIONS: 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

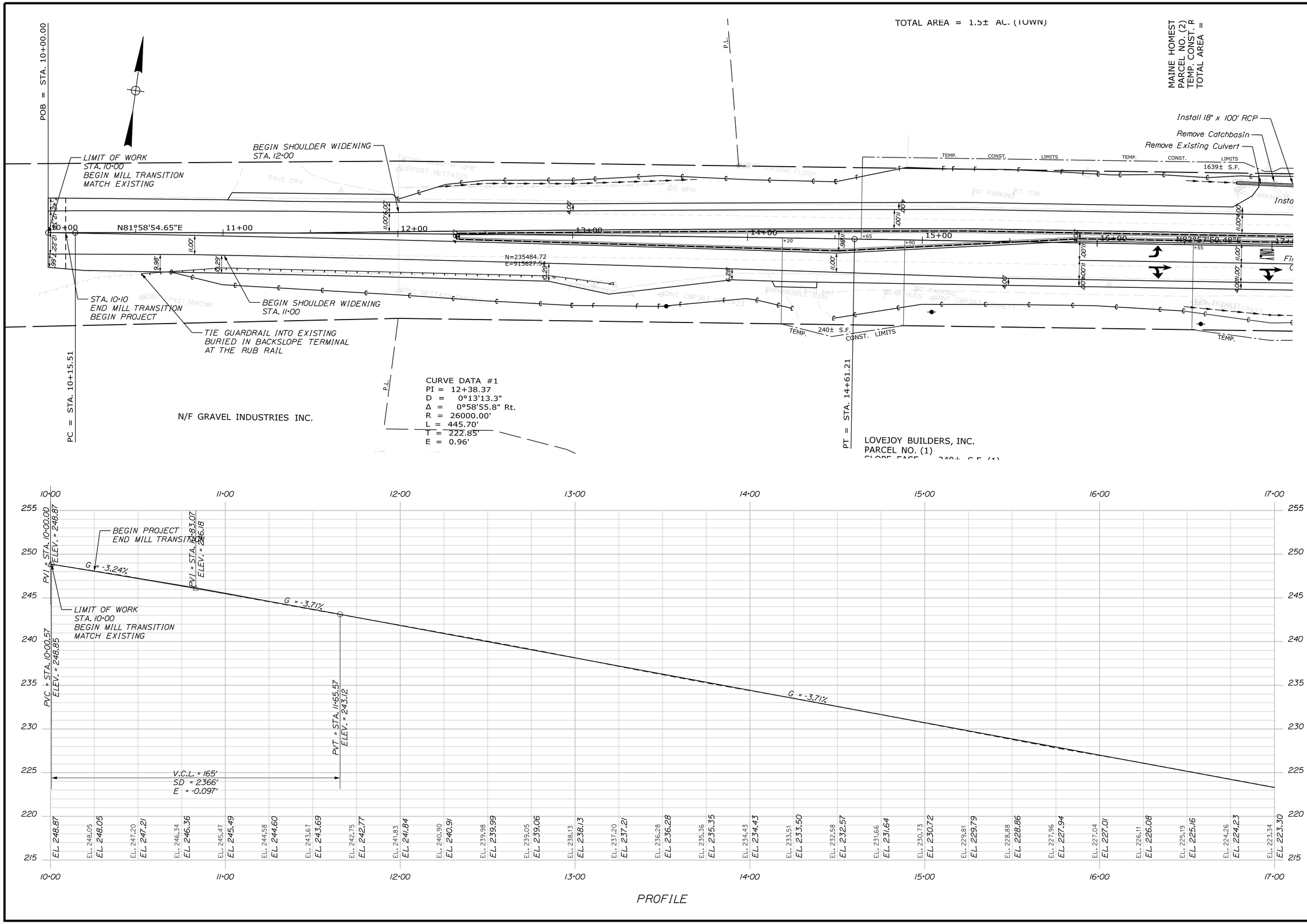
DATE

LYMAN
ROUTE 111

GEOMETRIC PLANS

SHEET NUMBER
13
OF 36

Filename: ...\MSTA\013_Geometrics 3.DGN Division: HIGHWAY Username: nathan.segler Date:8/5/2025



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

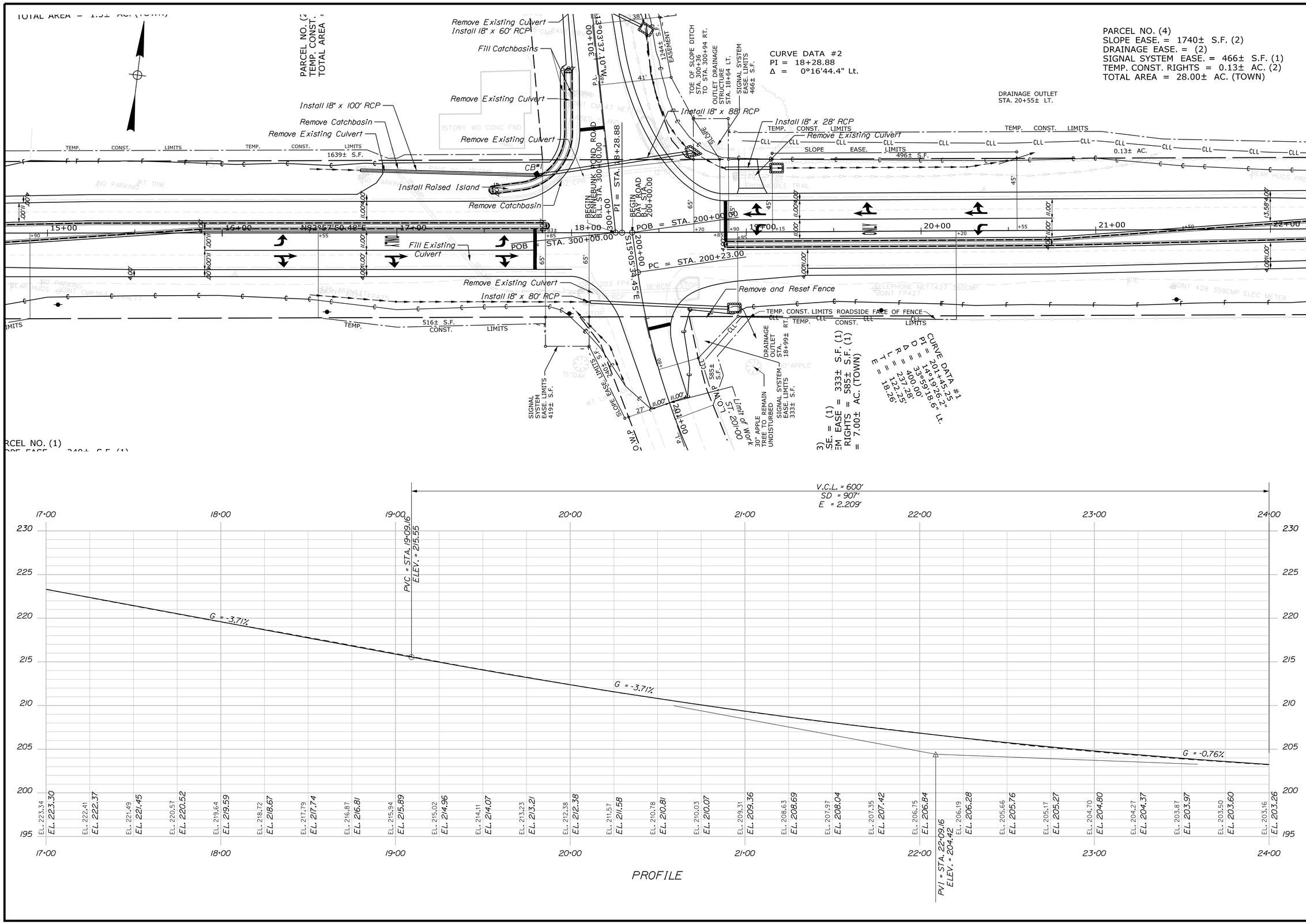
PLAN/PROFILE

SHEET NUMBER

14

OF 36

Filename: ...\MSTA\014_Route111_1.DGN Division: HIGHWAY Username: nathan.segler Date:8/6/2025



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN 026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

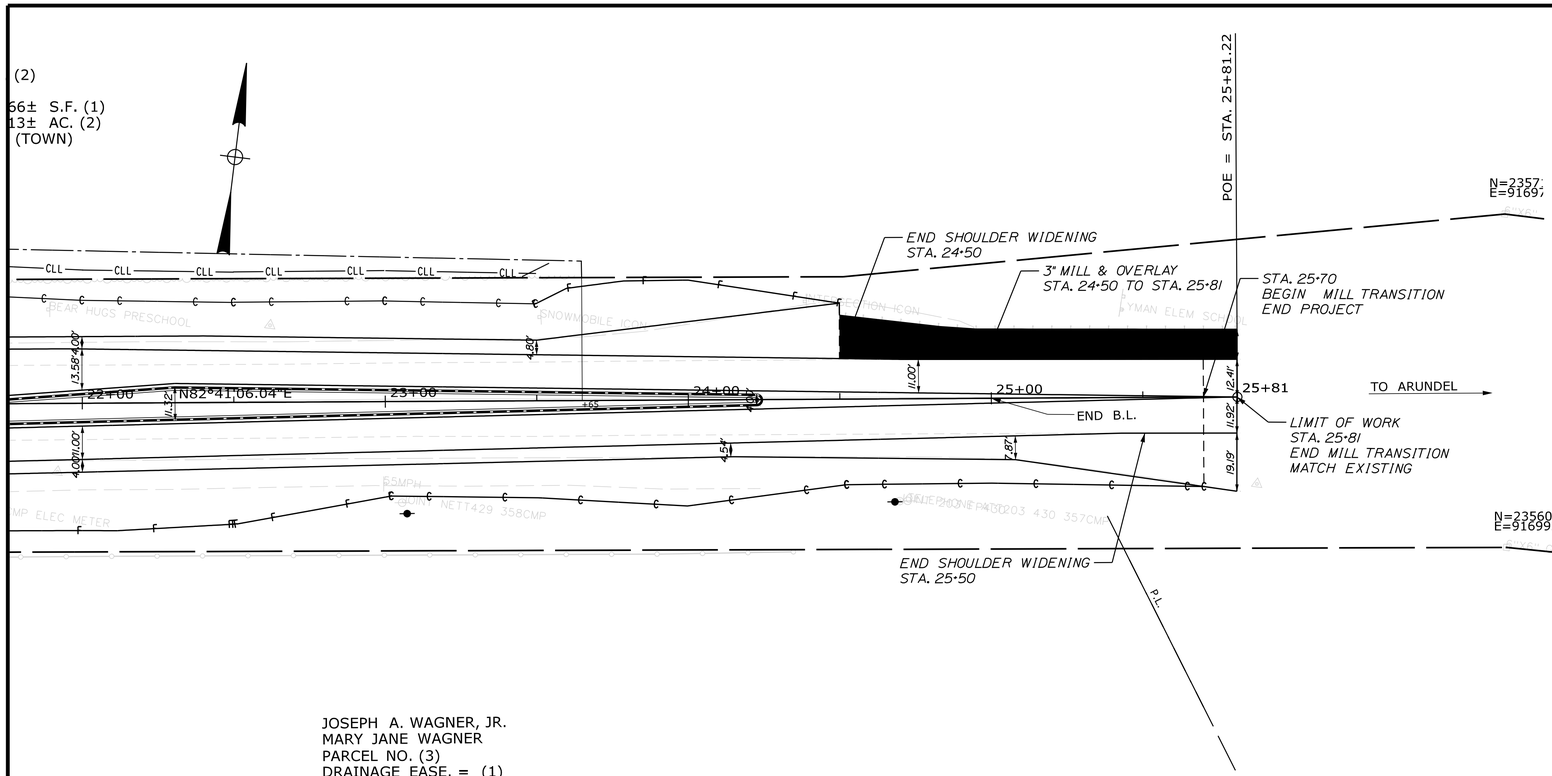
PLAN/PROFILE

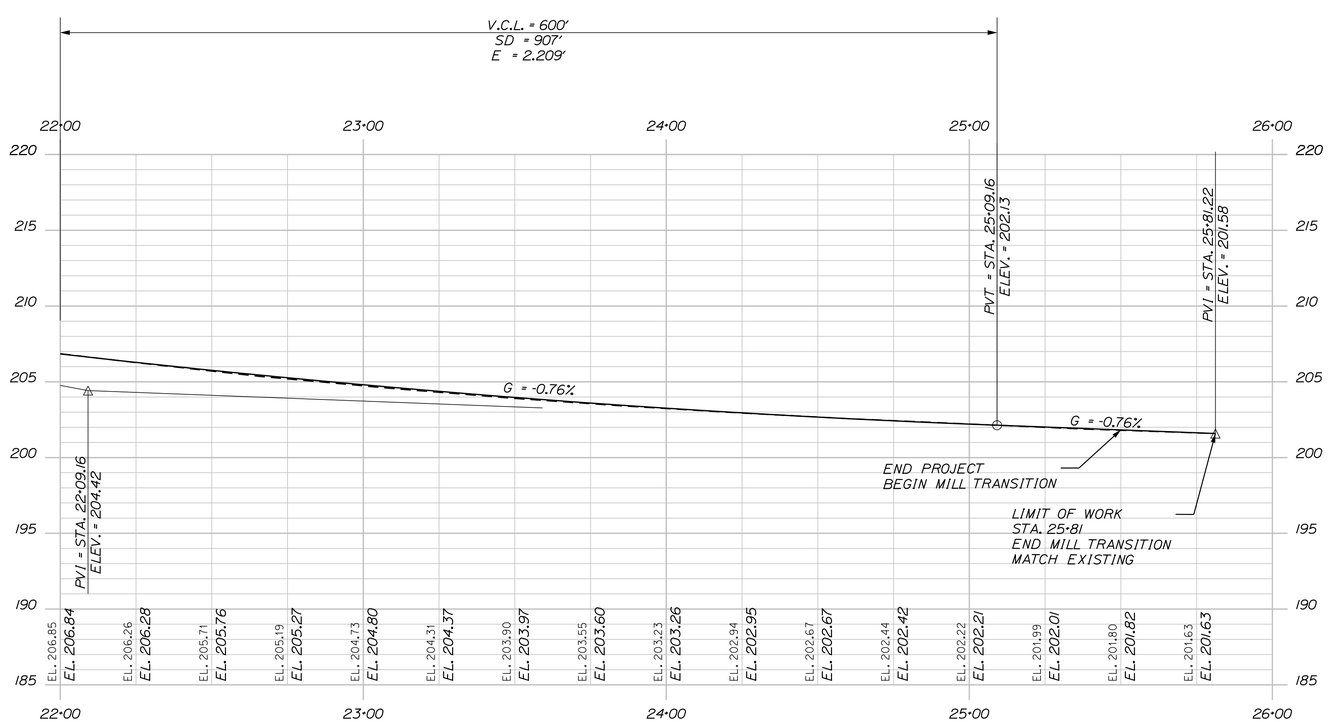
SHEET NUMBER

15

OF 36

Filename: ...\MSTA\015_Route111_2.DGN Division: HIGHWAY Username: nathan.segler Date:8/6/2025





PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	M. ROONEY		
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

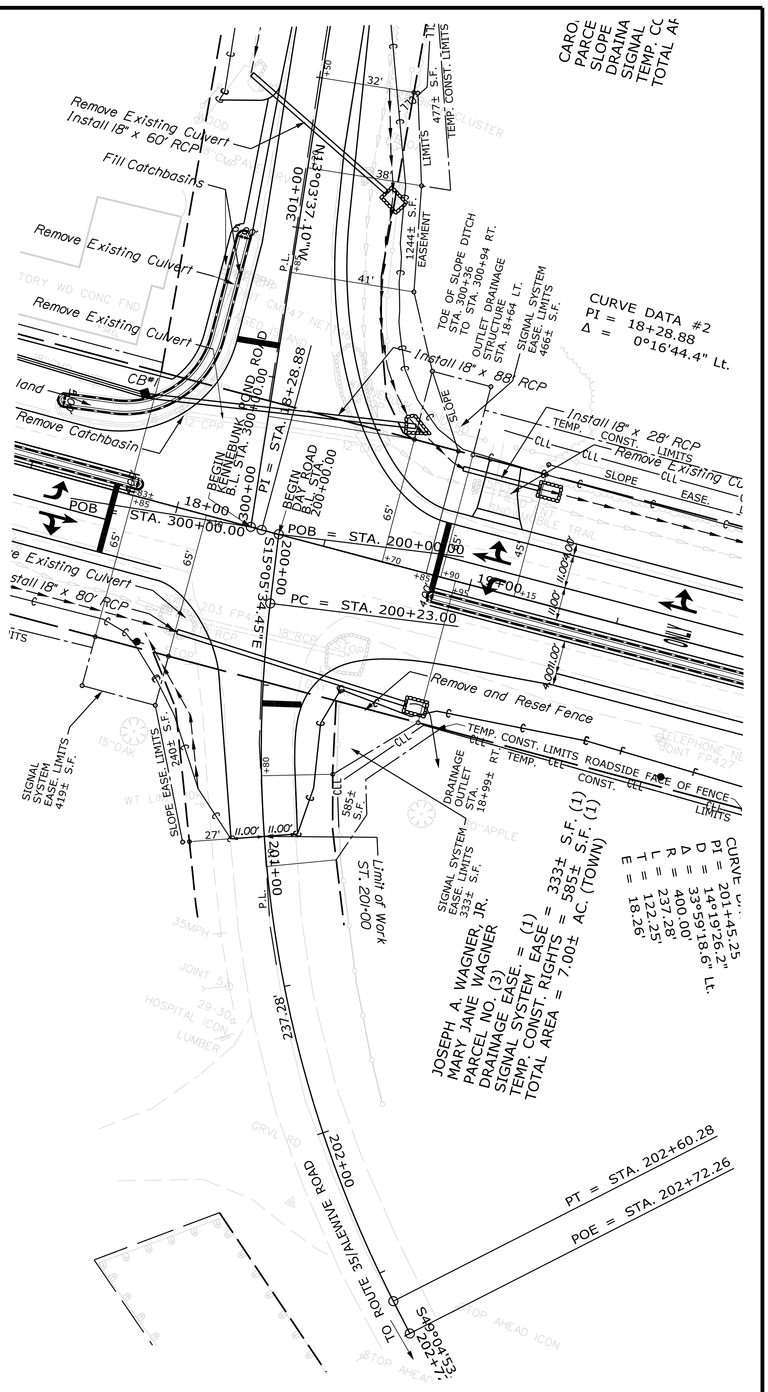
DATE

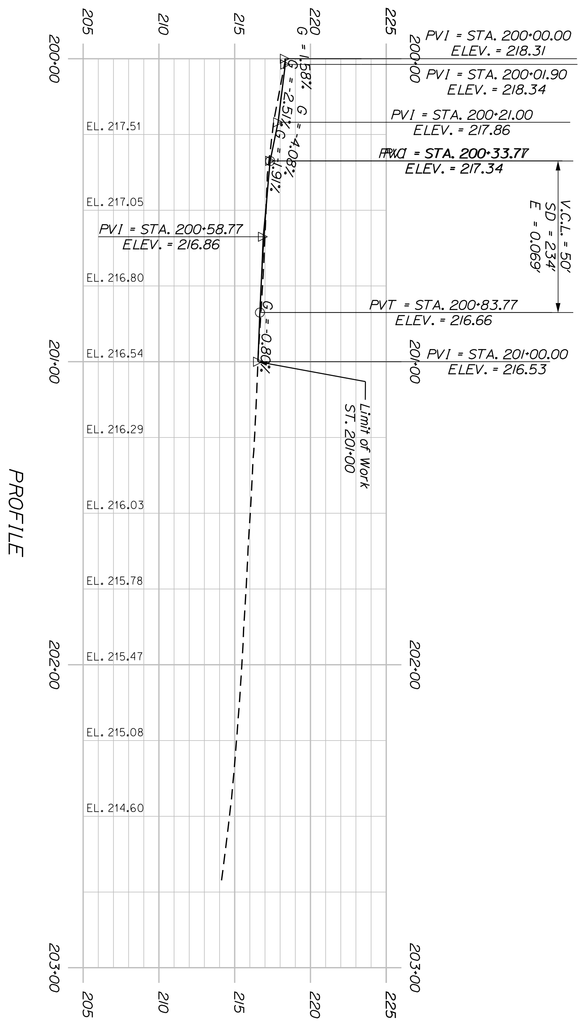
LYMAN
ROUTE 111

PLAN/PROFILE

SHEET NUMBER
16
OF 36

Filename: ...\MSTA\016_Route111_3.DGN Division: HIGHWAY Username: nathan.segler Date:8/6/2025





PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

LYMAN
DAY ROAD

PLAN/PROFILE

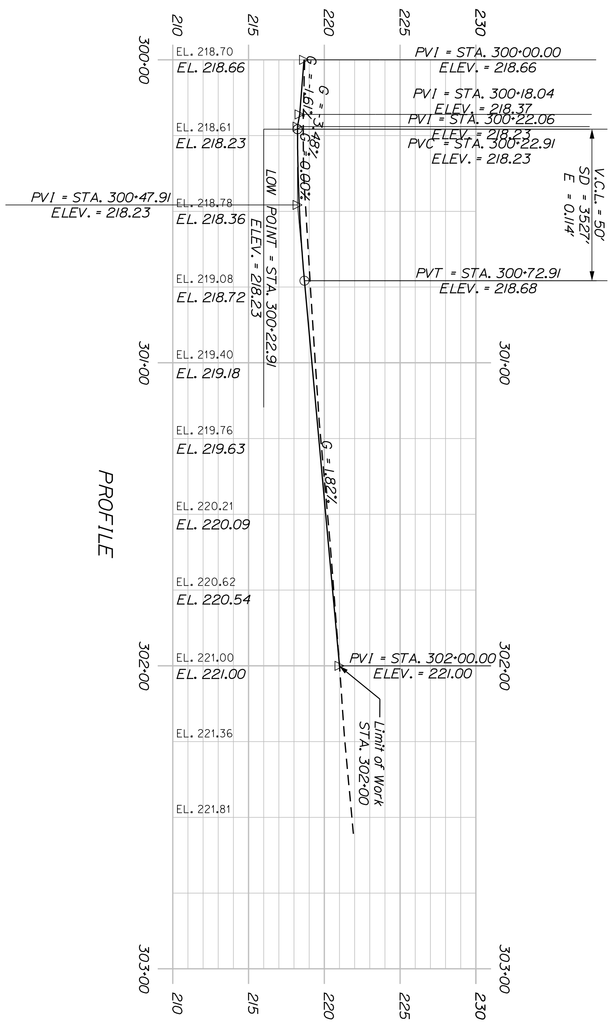
SHEET NUMBER 17 OF 36

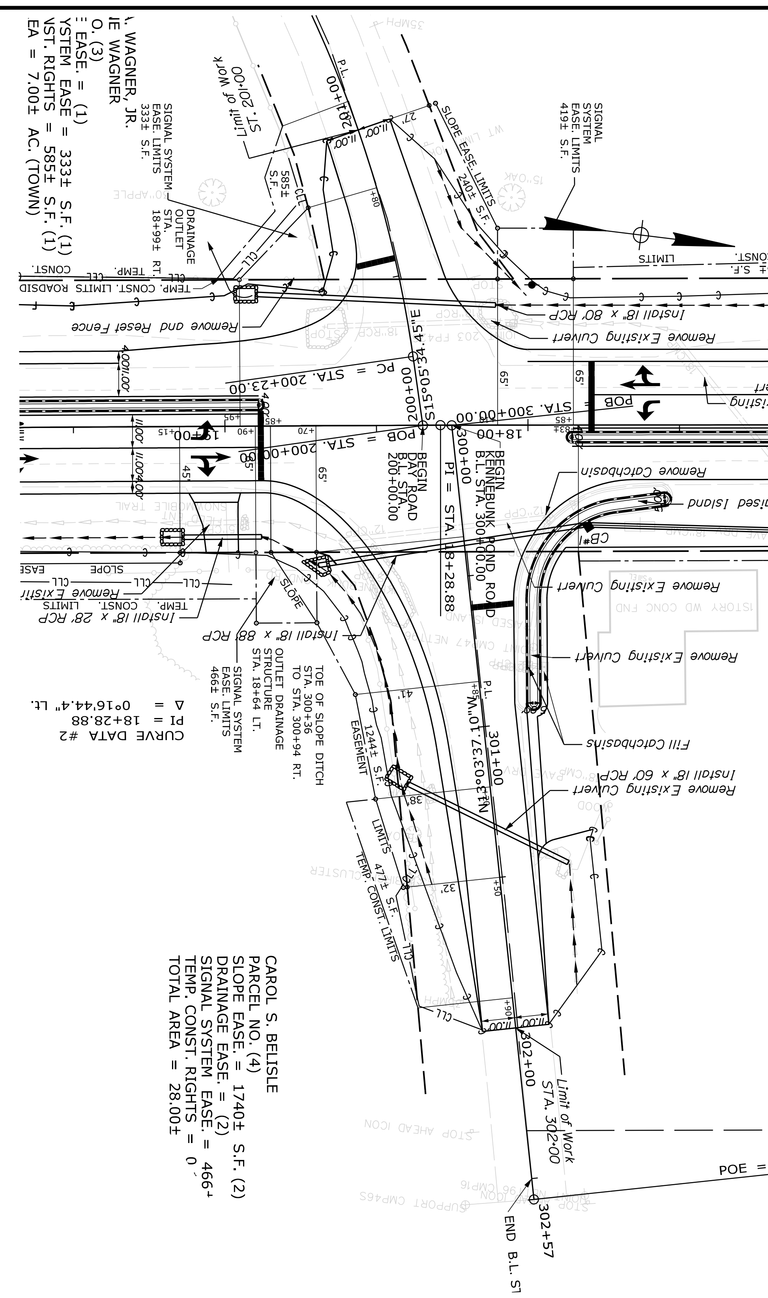
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN 026282.00

HIGHWAY PLANS





PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED	_____	_____	_____
DESIGN2-DETAILED2	_____	_____	_____
DESIGN3-DETAILED3	_____	_____	_____
REVISIONS 1	_____		_____
REVISIONS 2	_____		_____
REVISIONS 3	_____		_____
REVISIONS 4	_____		_____
FIELD CHANGES	_____		_____

SIGNATURE

P.E. NUMBER

DATE

LYMAN
KENNEBUNK POND RD

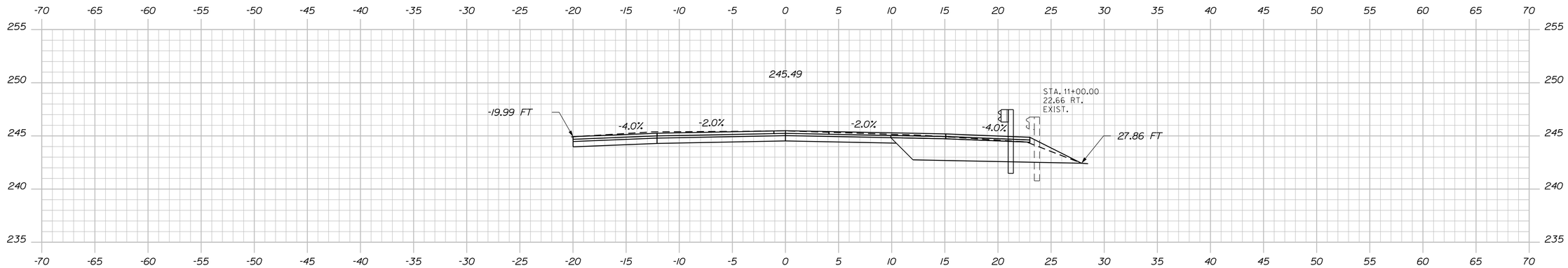
PLAN/PROFILE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

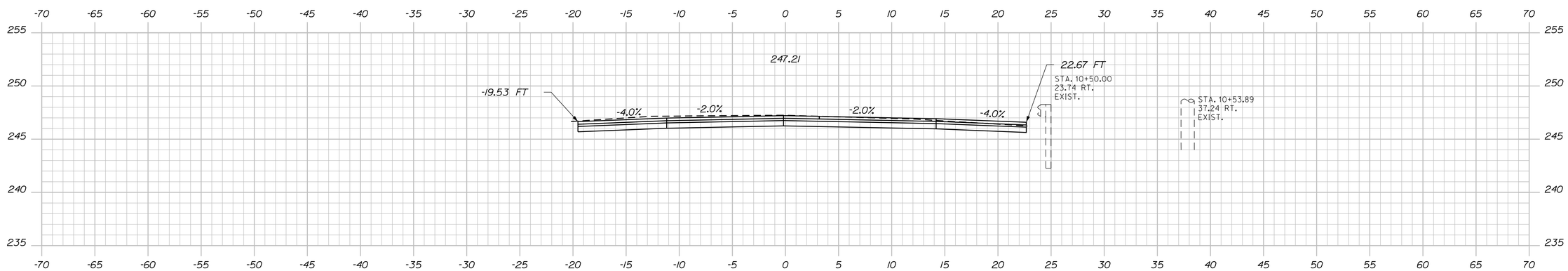
02628200

WIN
026282.00

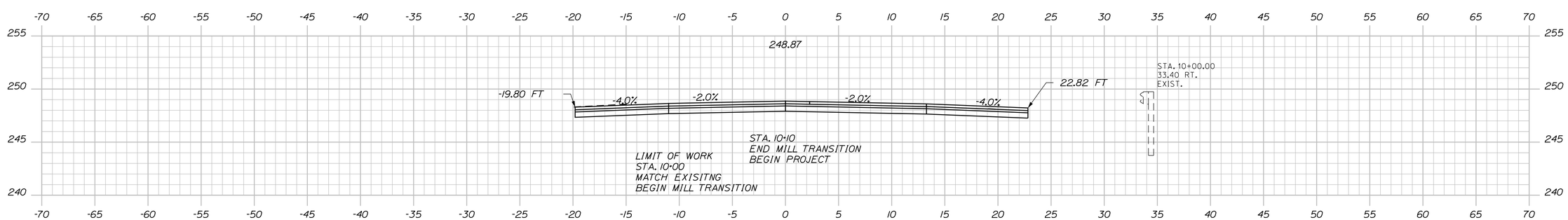
HIGHWAY PLANS



11+00.00



10+50.00



10+10.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	M. ROONEY	
DESIGN-DETAILED	N. SEGLER	JUL 2025
CHECKED-REVIEWED	-----	-----
DESIGN2-DETAILED2	-----	-----
DESIGN3-DETAILED3	-----	-----
REVISIONS 1	-----	-----
REVISIONS 2	-----	-----
REVISIONS 3	-----	-----
REVISIONS 4	-----	-----
FIELD CHANGES	-----	-----

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

CROSS SECTIONS

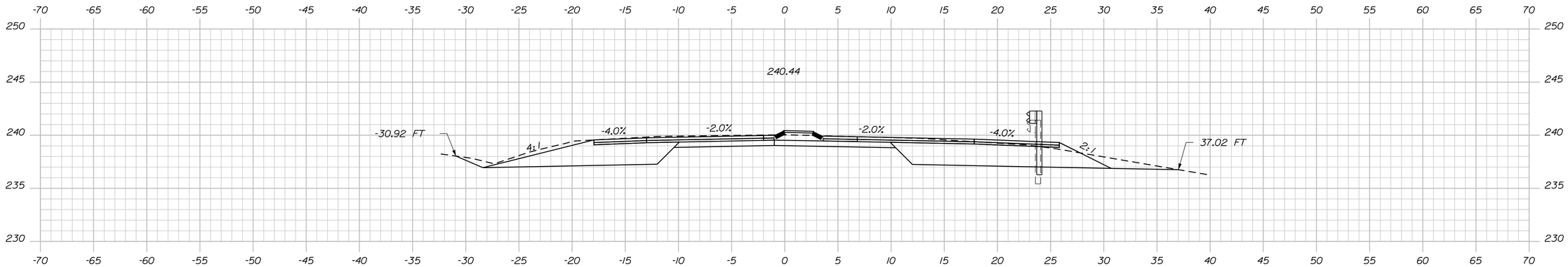
SHEET NUMBER

19

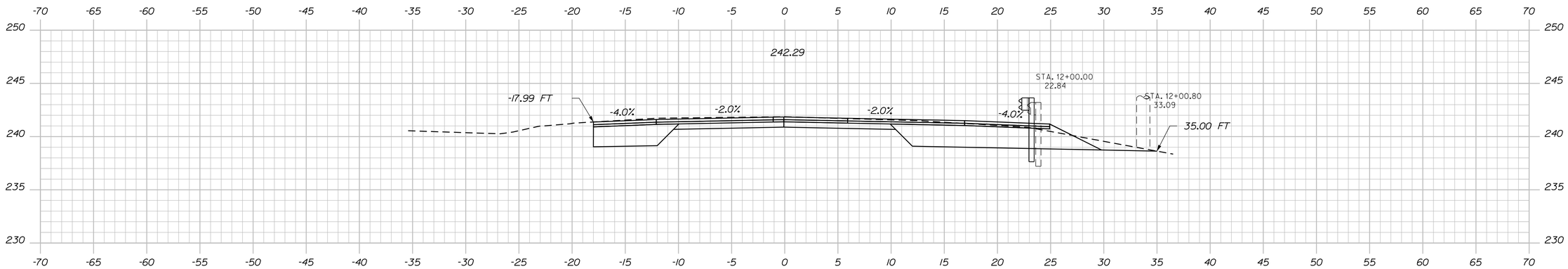
OF 36

Sta. 10+00.00 to Sta. 11+00.00

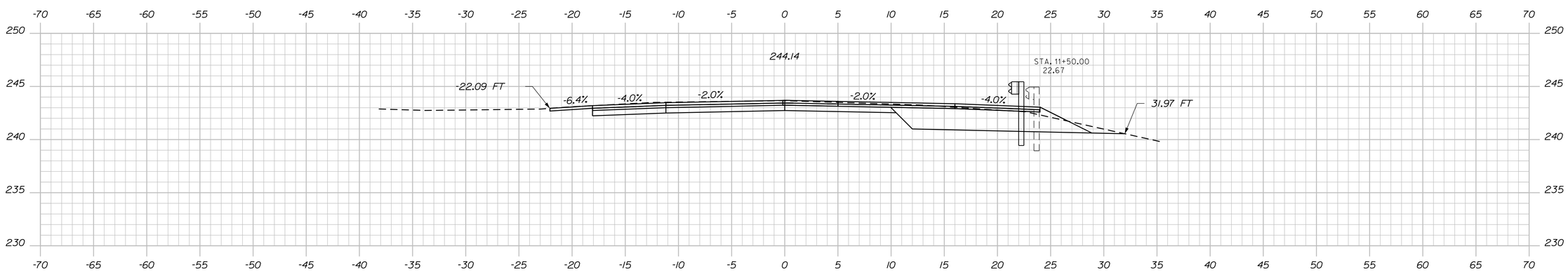
Filename: ...\MSTA\019_XSECT_10+00_001.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



12+50.00



12+00.00



11+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

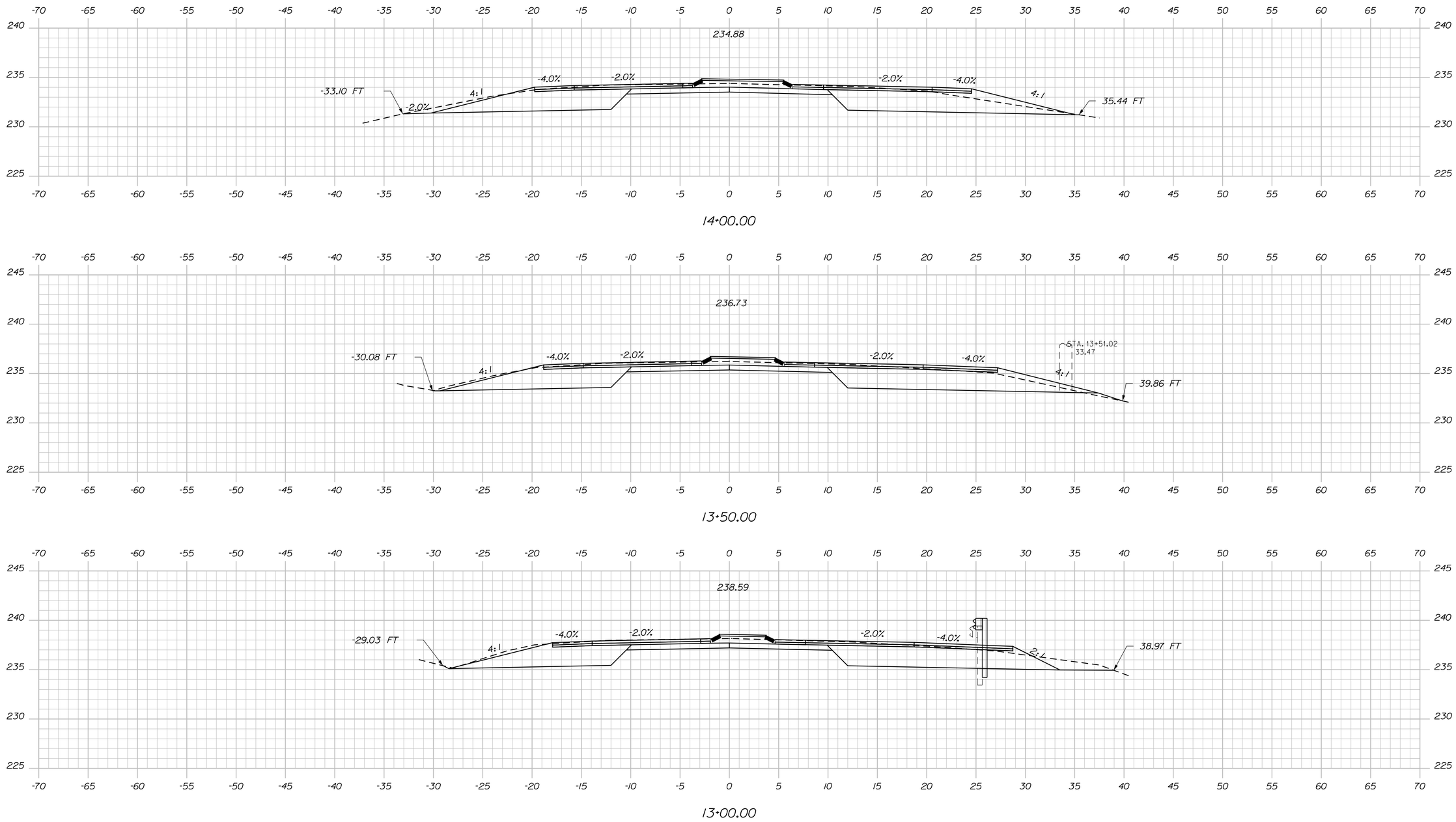
LYMAN
ROUTE 111

CROSS SECTIONS

SHEET NUMBER
20
OF 36

Sta. 11+50.00 to Sta. 12+50.00

Filename: ...\MSTA\020_XSECT_11+50_002.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

CROSS SECTIONS

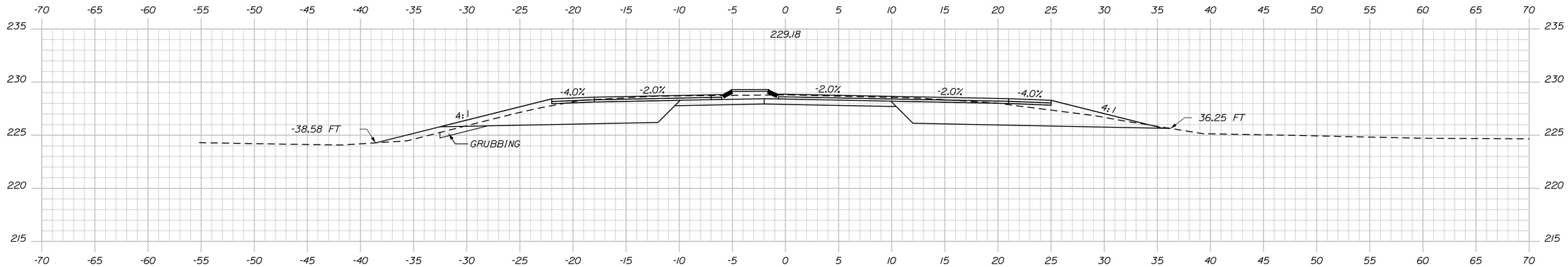
SHEET NUMBER

21

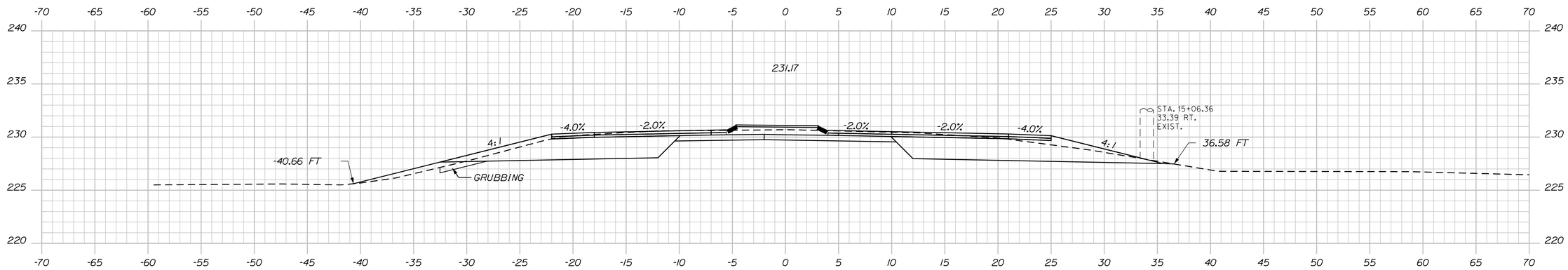
OF 36

Sta. 13+00.00 to Sta. 14+00.00

Filename: ...\MSTA\021_XSECT_13+00_003.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



15+50.00



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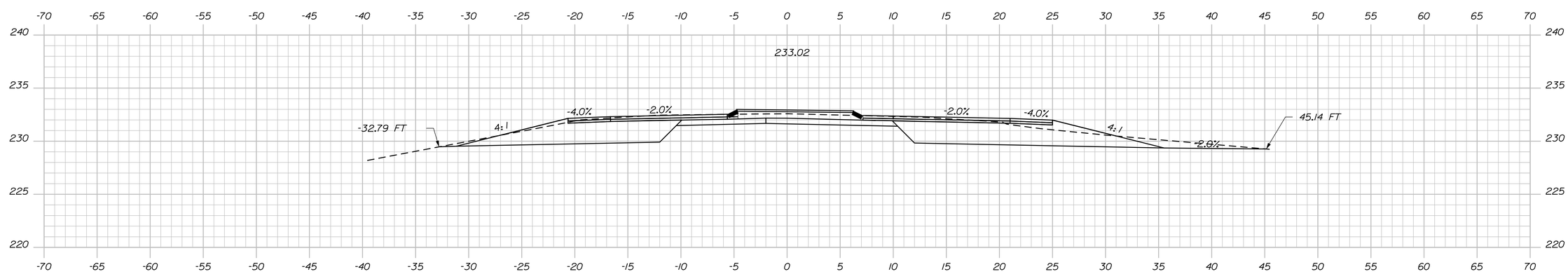


14+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

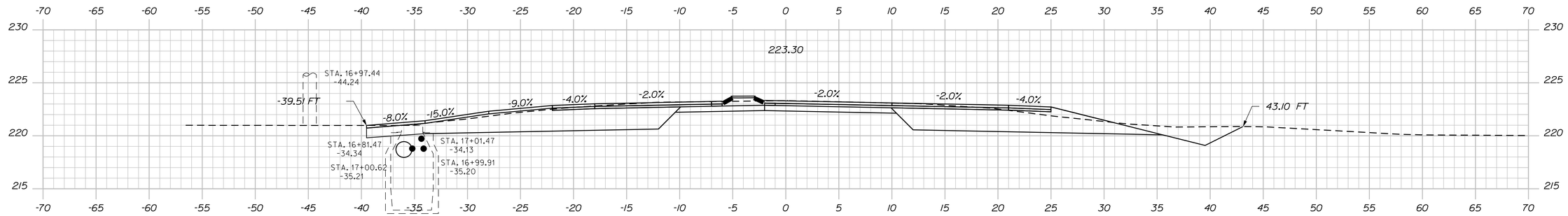
LYMAN
ROUTE 111

CROSS SECTIONS

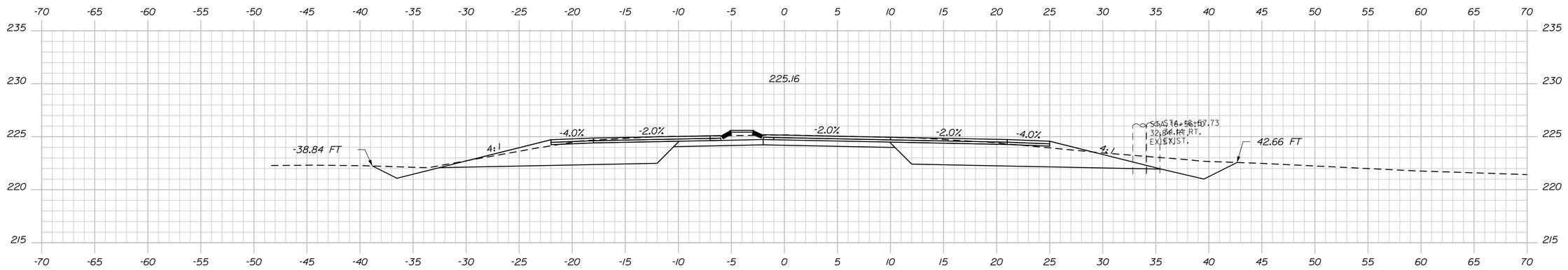
SHEET NUMBER
22
OF 36

Sta. 14+50.00 to Sta. 15+50.00

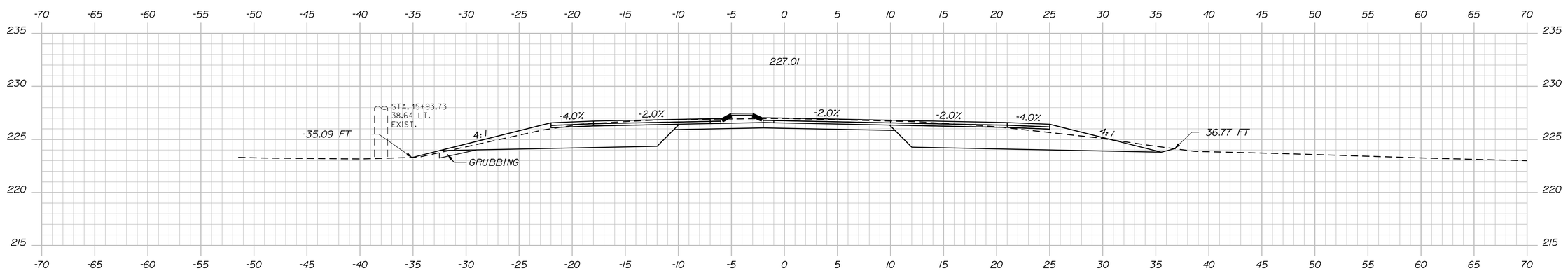
Filename: ...\MSTA\022_XSECT_14+50_004.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



17+00.00



16+50.00



16+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

			DATE
PROJ. MANAGER	M. ROONEY	BY	JUL 2025
DESIGN-DETAILED	N. SEGLER		
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

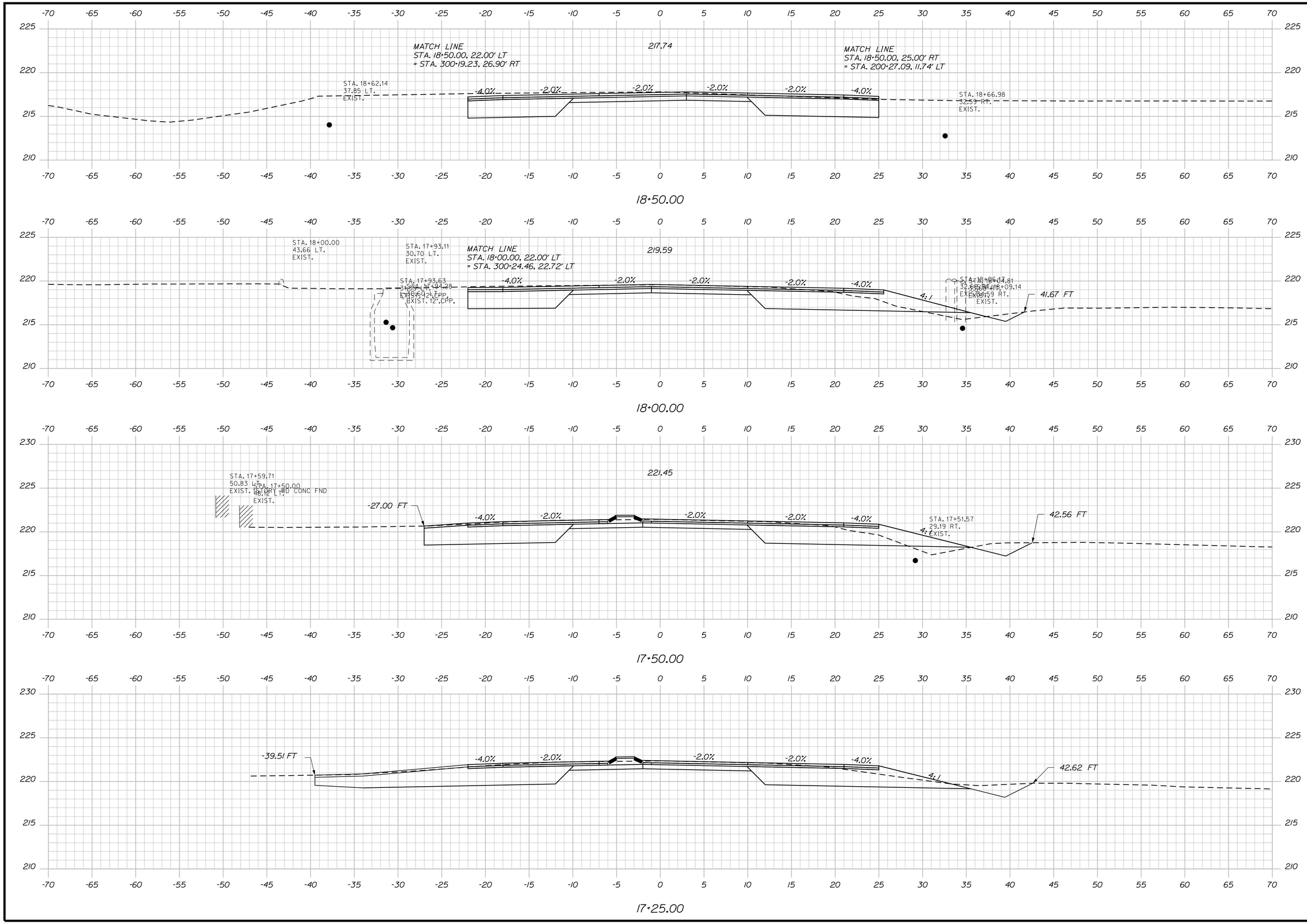
LYMAN
ROUTE 111

CROSS SECTIONS

SHEET NUMBER
23
OF 36

Sta. 16+00.00 to Sta. 17+00.00

Filename: ...\MSTA\023_XSECT_16+00_005.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

CROSS SECTIONS

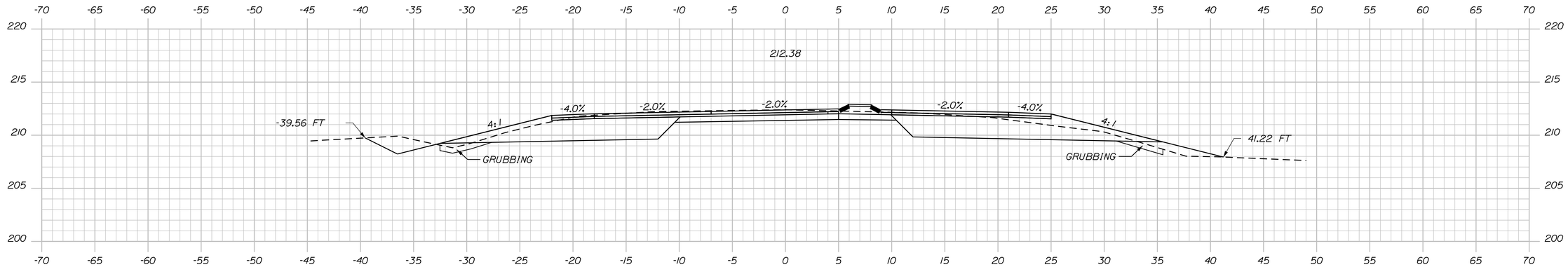
SHEET NUMBER

24

OF 36

Filename: ...\MSTA\024_XSECT_17+50_006.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025

Sta. 17+50.00 to Sta. 18+50.00



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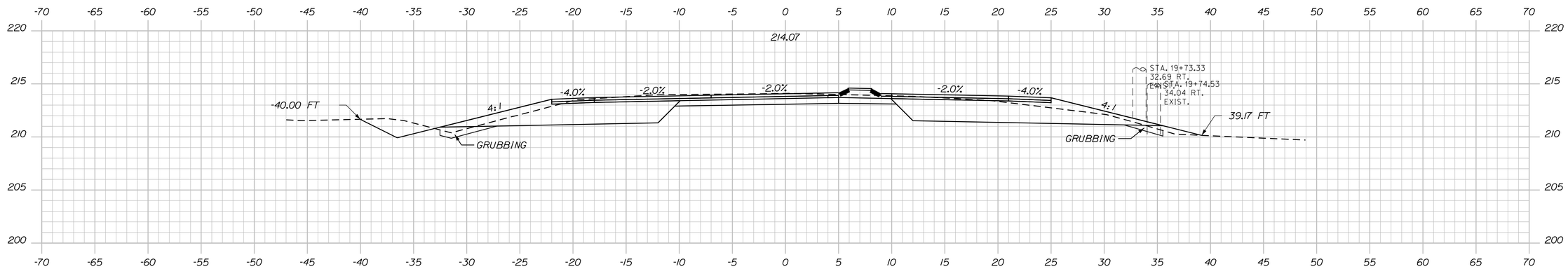

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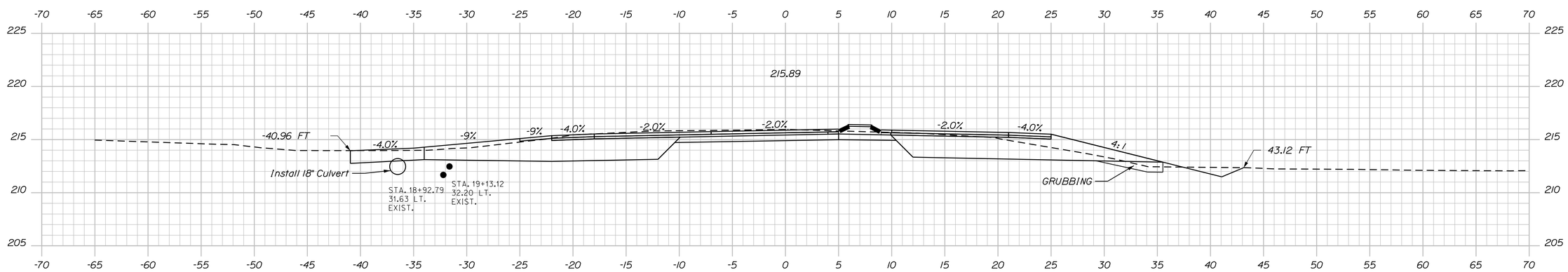


19+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	M. ROONEY	
DESIGN-DETAILED	N. SEGLER	JUL 2025
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

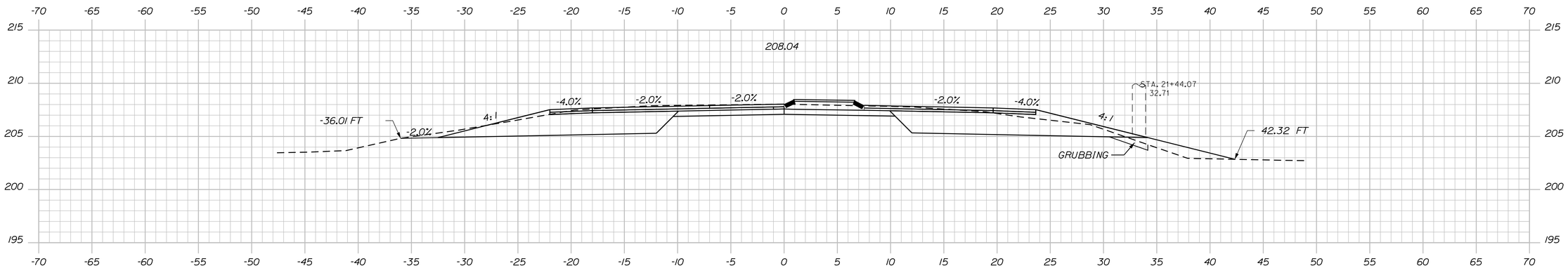
LYMAN
ROUTE 111

CROSS SECTIONS

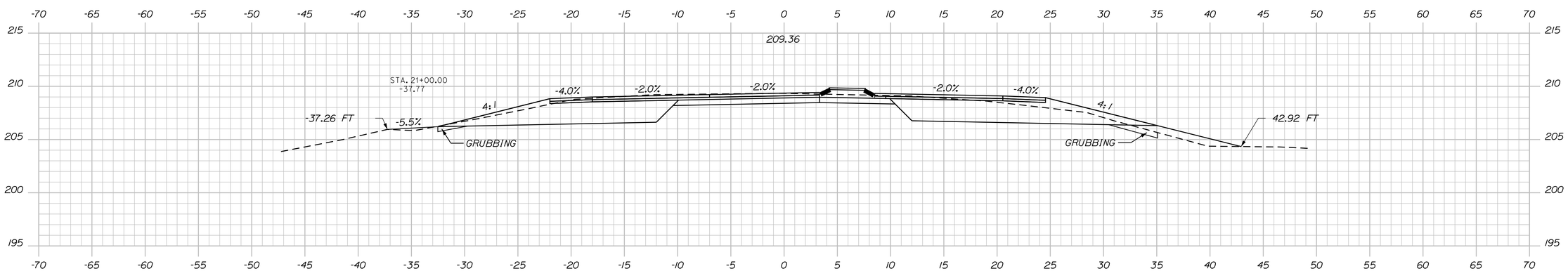
SHEET NUMBER
25
OF 36

Sta. 19+00.00 to Sta. 20+00.00

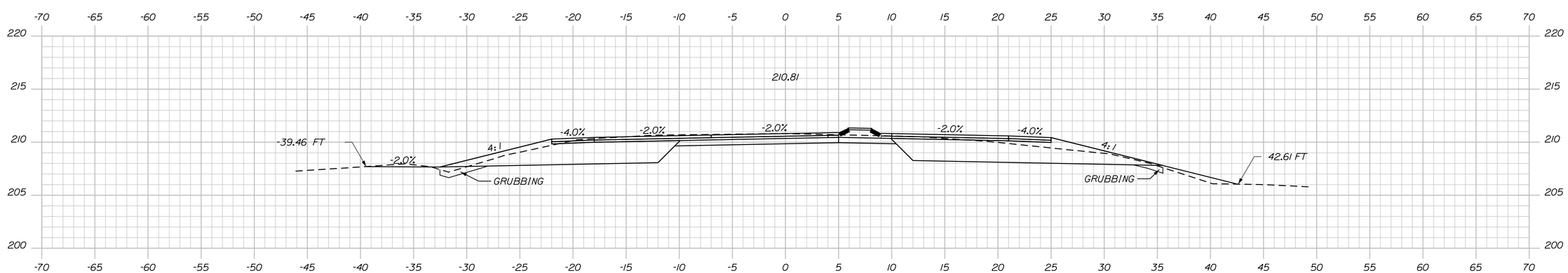
Filename: ...\MSTA\025_XSECT_19+00_007.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



21+50.00



21+00.00



20+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

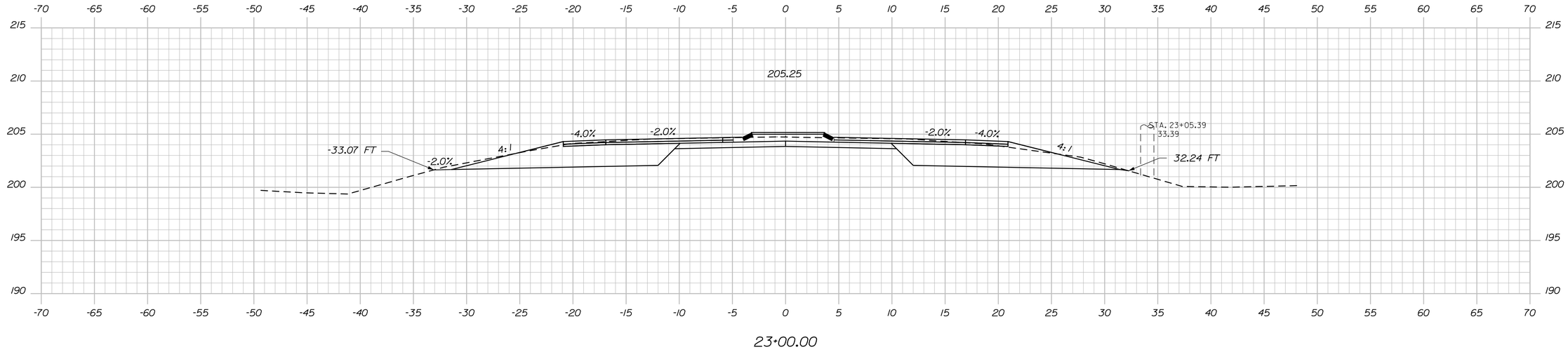
LYMAN
ROUTE 111

CROSS SECTIONS

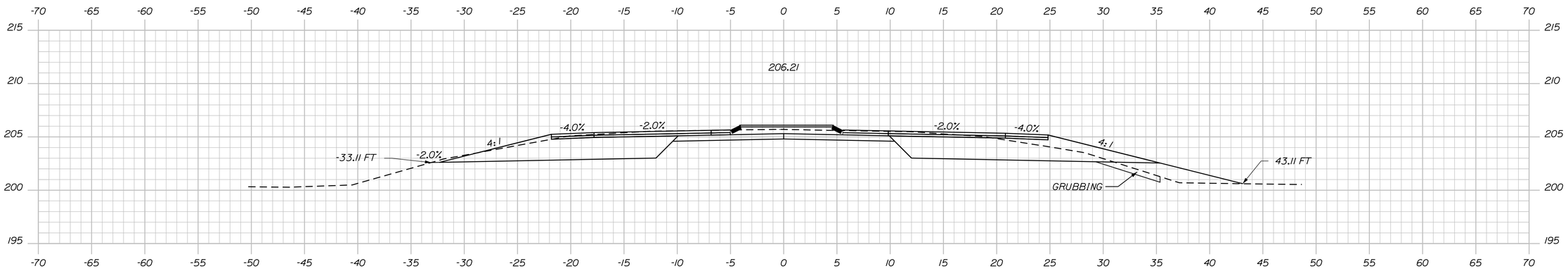
SHEET NUMBER
26
OF 36

Sta. 20+50.00 to Sta. 21+50.00

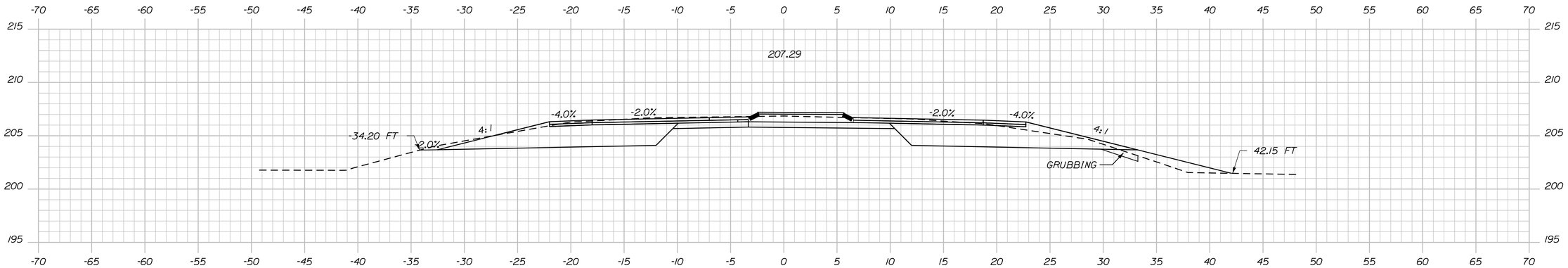
Filename: ...\MSTA\026_XSECT_20+50_008.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



23+00.00



22+50.00



22+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

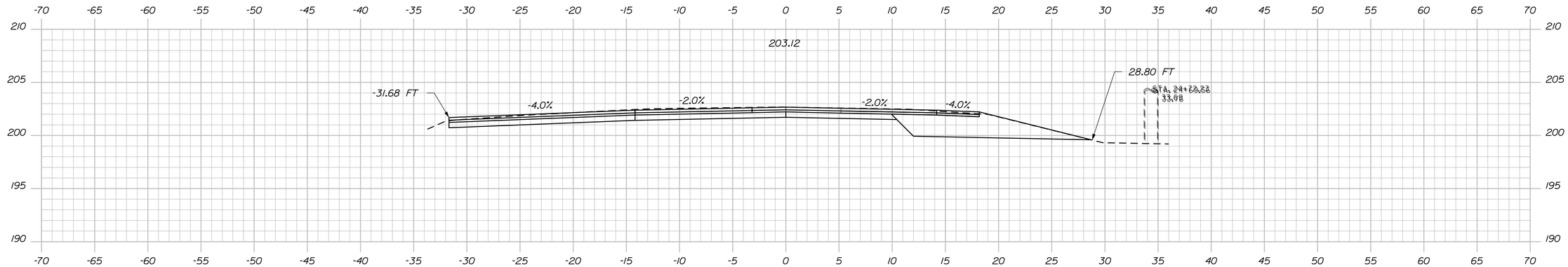
LYMAN
ROUTE 111

CROSS SECTIONS

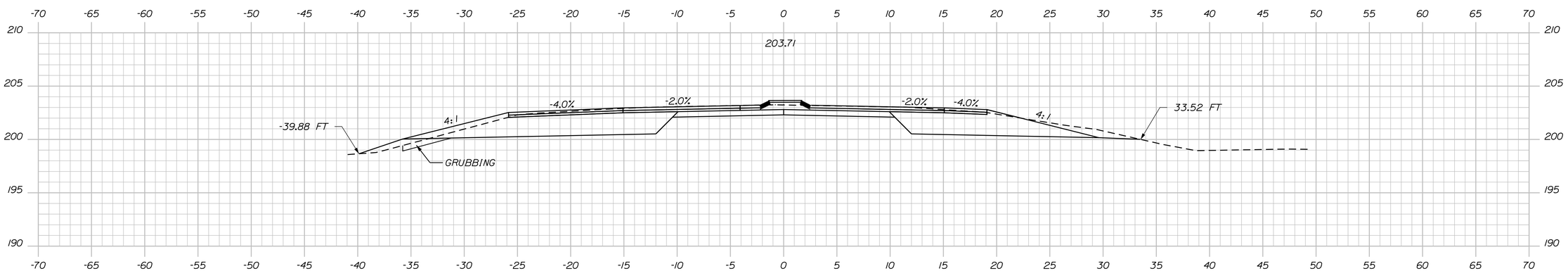
SHEET NUMBER
27
OF 36

Sta. 22+00.00 to Sta. 23+00.00

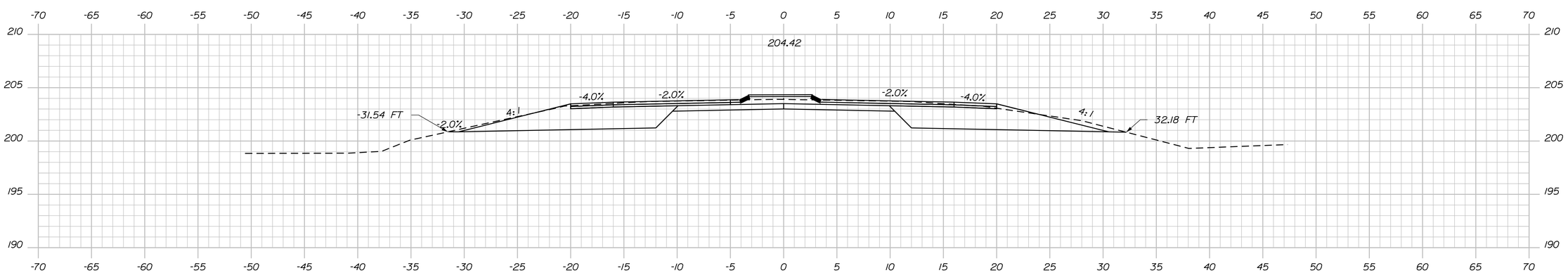
Filename: ...\MSTA\027_XSECT_22+00_009.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



24+50.00



24+00.00



23+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	M. ROONEY	
DESIGN-DETAILED	N. SEGLER	JUL 2025
CHECKED-REVIEWED	-----	-----
DESIGN2-DETAILED2	-----	-----
DESIGN3-DETAILED3	-----	-----
REVISIONS 1	-----	-----
REVISIONS 2	-----	-----
REVISIONS 3	-----	-----
REVISIONS 4	-----	-----
FIELD CHANGES	-----	-----

SIGNATURE

P.E. NUMBER

DATE

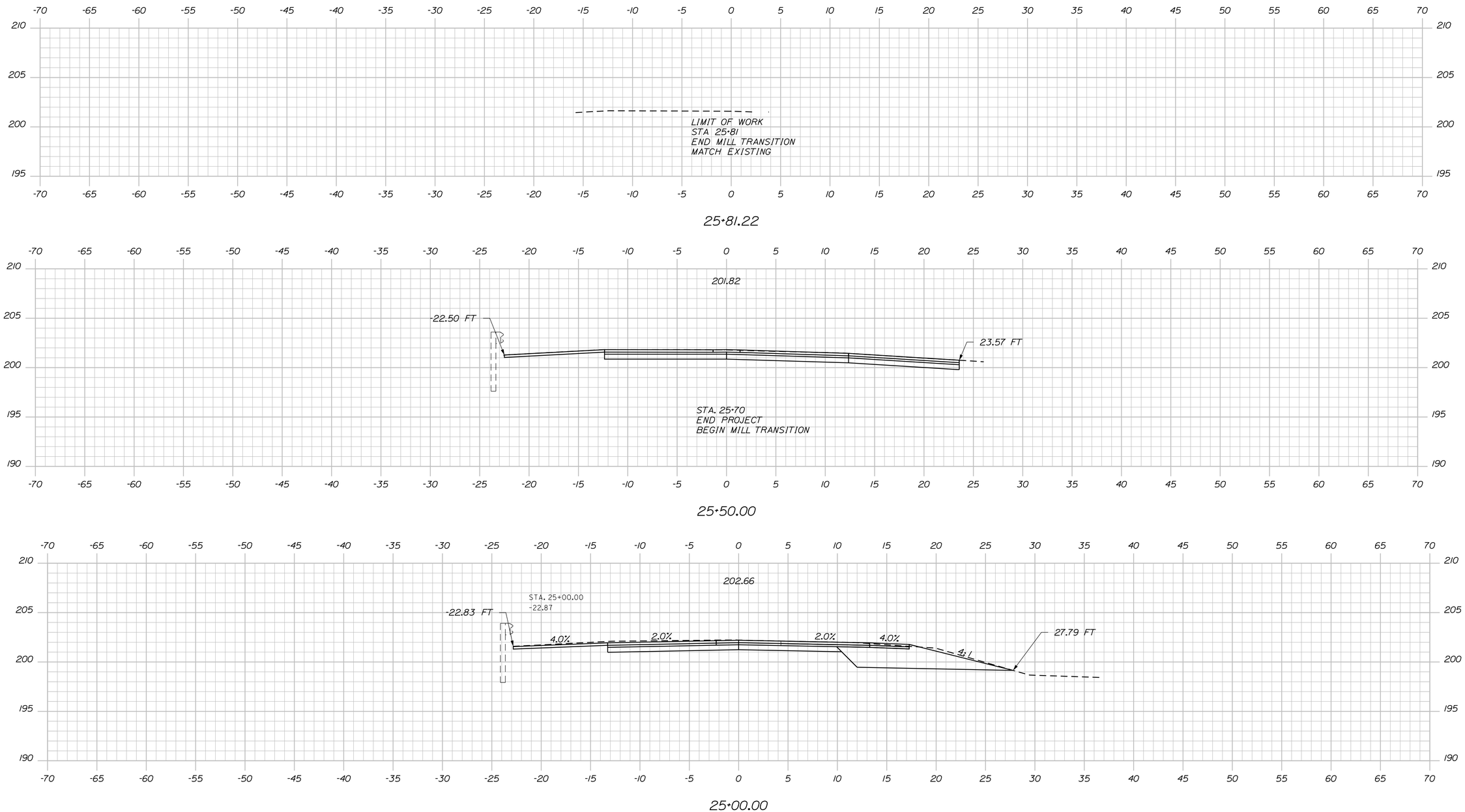
LYMAN
ROUTE 111

CROSS SECTIONS

SHEET NUMBER
28
OF 36

Sta. 23+50.00 to Sta. 24+50.00

Filename: ...\MSTA\028_XSECT_23+50_010.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	M. ROONEY	
DESIGN-DETAILED	N. SEGLER	JUL 2025
CHECKED-REVIEWED	------	------
DESIGN2-DETAILED2	------	------
DESIGN3-DETAILED3	------	------
REVISIONS 1	------	------
REVISIONS 2	------	------
REVISIONS 3	------	------
REVISIONS 4	------	------
FIELD CHANGES	------	------

SIGNATURE

P.E. NUMBER

DATE

LYMAN
ROUTE 111

CROSS SECTIONS

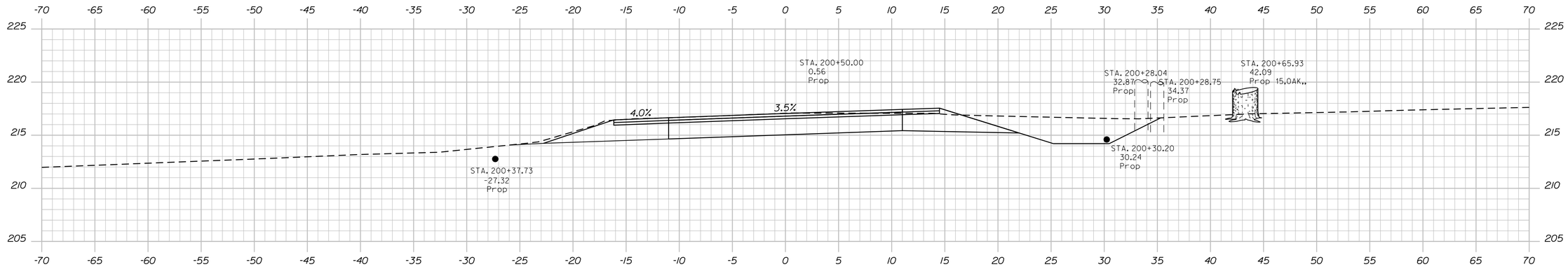
SHEET NUMBER

29

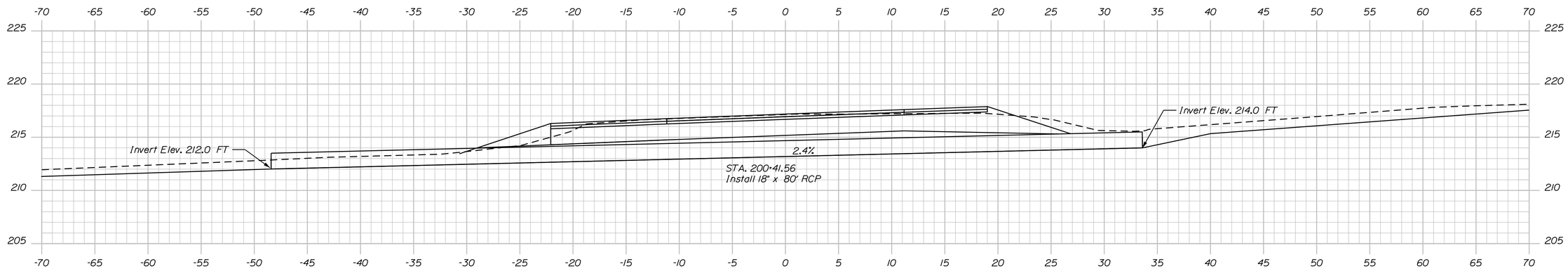
OF 36

Filename: ...\MSTA\029_XSECT_25+00_011.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025

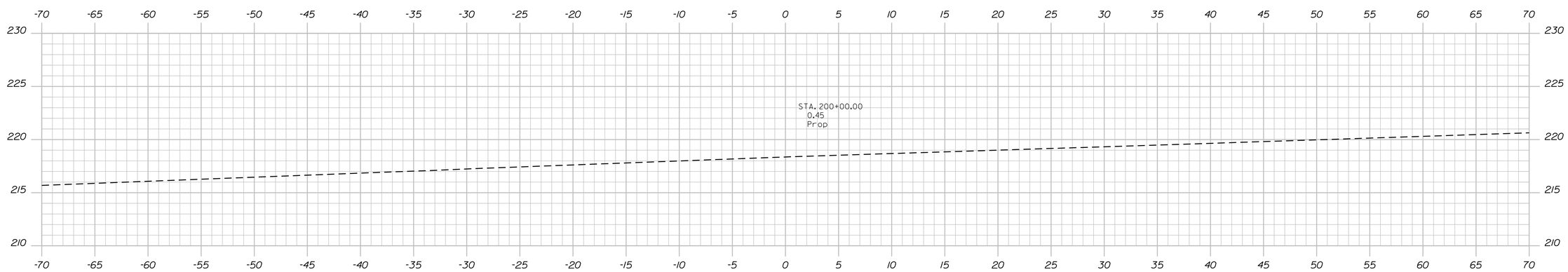
Sta. 25+00.00 to Sta. 25+81.22



200+50.00



200+40.00



200+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	M. ROONEY		
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED	------	------	------
DESIGN2-DETAILED2	------	------	------
DESIGN3-DETAILED3	------	------	------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

LYMAN
DAY RD

CROSS SECTIONS

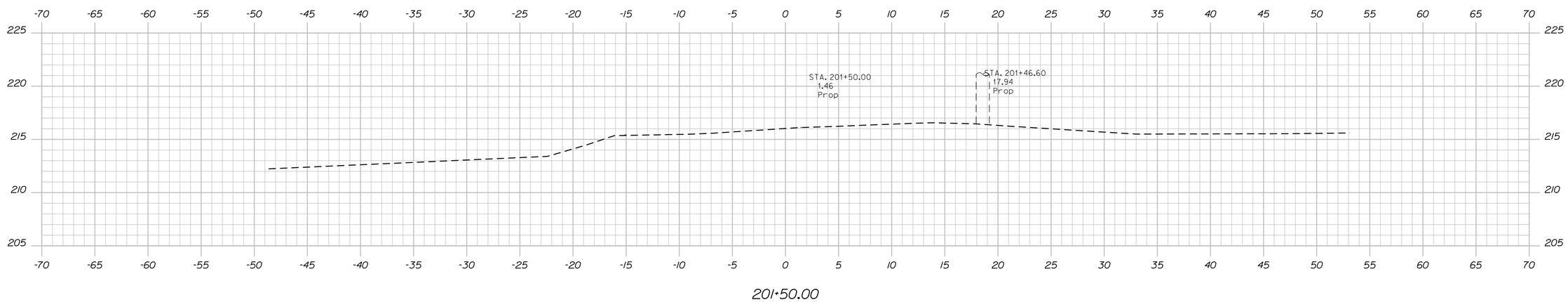
SHEET NUMBER

30

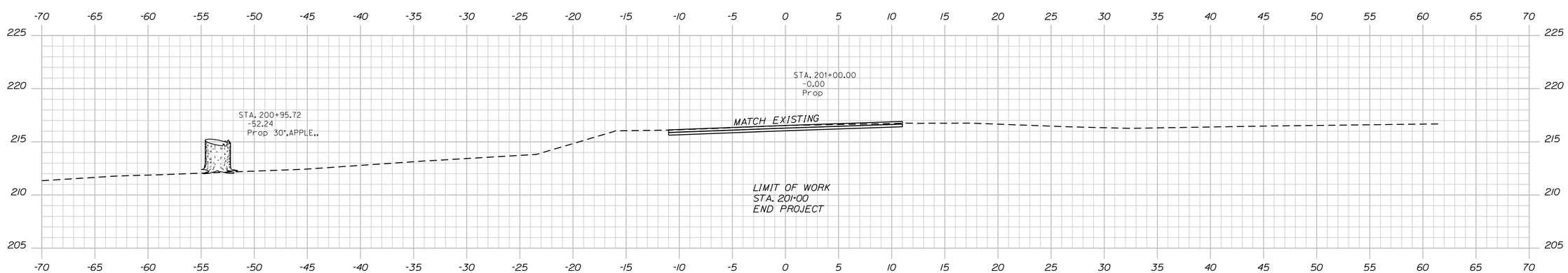
OF 36

Sta. 200+00.00 to Sta. 200+50.00

Filename: ...\MSTA\030_XSECT_200+00_012.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025



201+50.00



201+00.00

Filename: ...\MSTA\031_XSECT_201+00_0I3.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

LYMAN
DAY RD

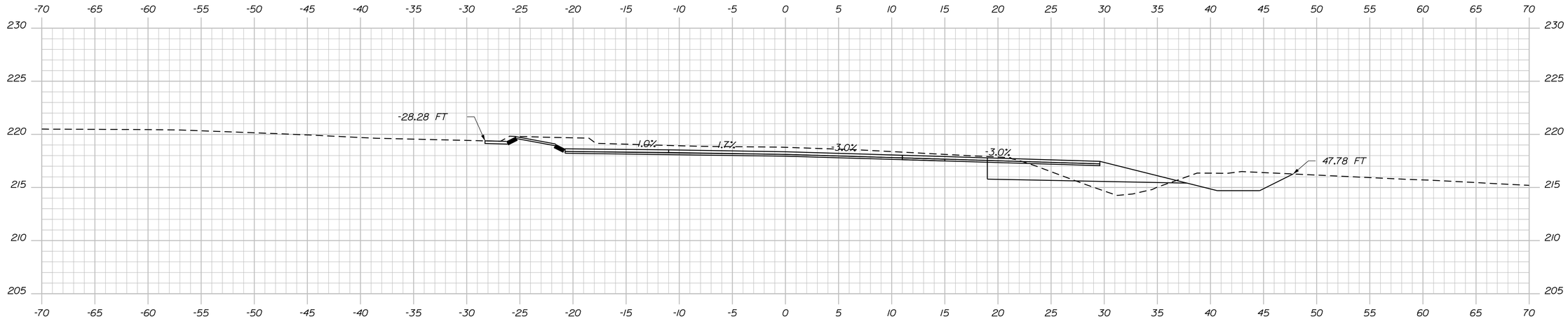
CROSS SECTIONS

SHEET NUMBER

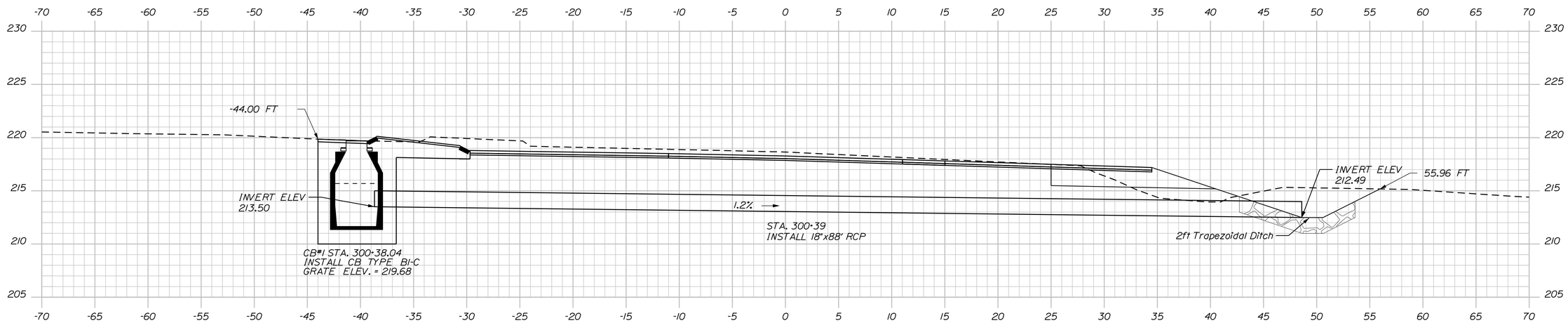
31

OF 36

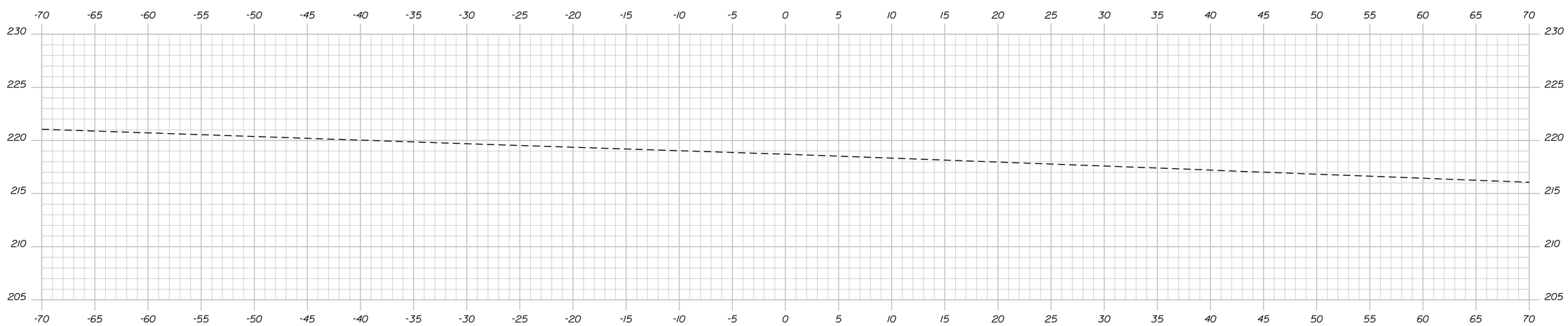
Sta. 201+00.00 to Sta. 201+50.00



300+50.00



300+39.00 (SKEWED 2°33'32")



300+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

PROJ. MANAGER	M. ROONEY	BY	DATE
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

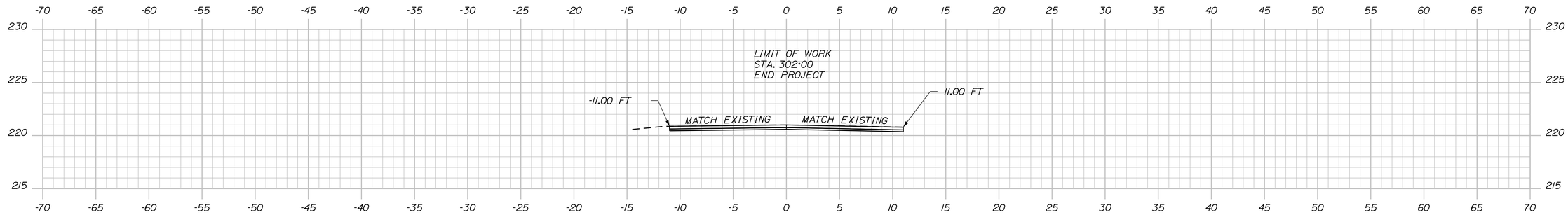
LYMAN
KENKENNEBUNK POND ROAD

CROSS SECTIONS

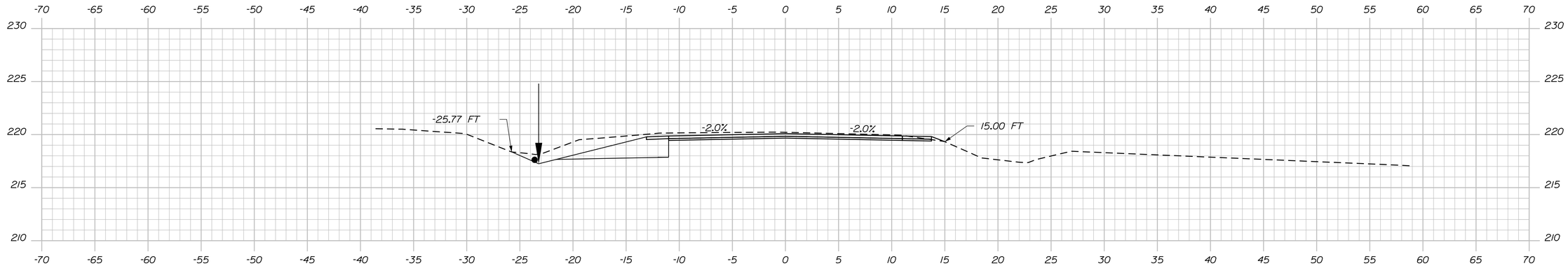
SHEET NUMBER
32
OF 36

Filename: ...\MSTA\032_XSECT_300+00_014.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025

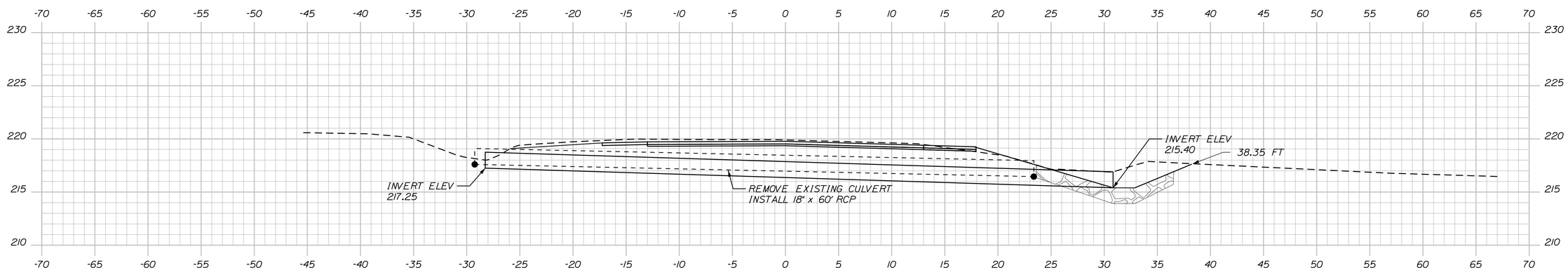
Sta. 300+00.00 to Sta. 300+50.00



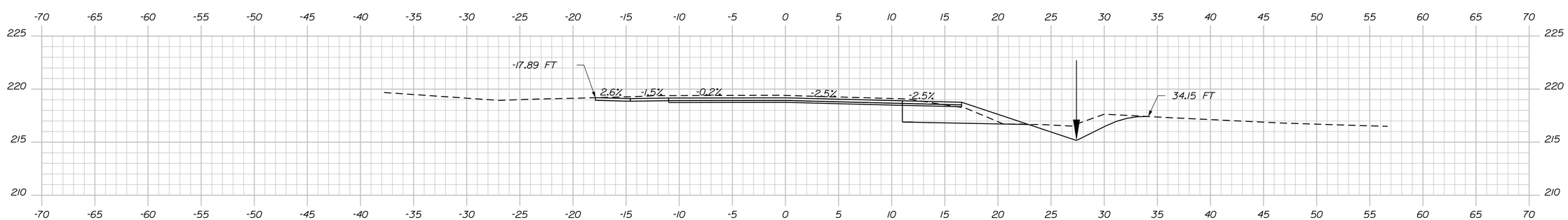
302+00.00



301+50.00



301+33 (SKEWED 32°12'14")



301+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

02628200

WIN
026282.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	M. ROONEY		
DESIGN-DETAILED	N. SEGLER		JUL 2025
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

LYMAN
KENKENNEBUNK POND ROAD

CROSS SECTIONS

SHEET NUMBER
33
OF 36

Sta. 301+00.00 to Sta. 301+50.00

Filename: ...\MSTA\033_XSECT_301+00_015.dgn Division: HIGHWAY Username: nathan.segler Date:8/5/2025

PLAN LEGEND

Town, County, State	New R/W Along Existing R/W	Existing / Proposed: Sanitary Sewer	Existing / Proposed: Traveled Way	Cut Line	Fill Line
Approx. Property Lines — P.L.	Building / Clearing Limit Line	Telephone Line	Ditch	Stonewall	Retaining Wall
Existing Right of Way	Trees: Conifer / Deciduous	Electric Line	Catch Basin	Baseline 10+00 11+00 12+00	
Limits of Wrought Portion — L.O.W.P.	Tree Line / Bush Line	Water Line	Manhole	Monument	Traverse Point
Control Of Access — C.O.A.	Water Edge	Underdrain Line	Sewer Manhole	Iron Rod Found — IRF	Pipe Found — IPF
New Right of Way	Ledge / Rock/Boulder / Flag Pole	Gas Line	Utility Pole	Replacement Pin Set	
New Easement	Fence: CHAIN LINK, BARB WIRE, STOCKADE	Guardrail	Fire Hydrant		
New Temporary Rights		Culvert	Curbing		
New R/W Within Existing R/W	Sign / 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 - 0.9999752

GRID NORTH
MAINE 2000 WEST ZONE

N/F GENEST CONCRETE WORKS INC.

MAINE HOMESTEAD HOLDINGS LLC
PARCEL NO. (2)
TEMP. CONST. RIGHTS = 1639± S.F. (1)
TOTAL AREA = 1.5± AC. (TOWN)

POB = STA. 10+00.00
N=235520.25 E=915323.71

N=235513.47
E=915528.59

N=235537.32
E=915715.95

S.H.C. FILE NO. 16-72

TEMP. CONST. LIMITS 1639± S.F.

STATE HIGHWAY "8" / ROUTE 111 / ALFRED ROAD

TO ALFRED

10+00 11+00 12+00 13+00 14+00 15+00 16+00

161.21' 367.67'

N82°57'50.5"E

BEGIN B.L.
N=235484.72
E=915627.54

PC = STA. 10+15.51
N=235446.58 E=915345.62

PT = STA. 14+61.21
N=235504.96 E=915787.47

CURVE DATA
PI = 12+38.37
D = 00°13'13.3"
Δ = 00°58'55.8" Rt.
R = 26000.00'
L = 445.70'
T = 222.85'
E = 0.96'

N/F GRAVEL INDUSTRIES INC.

TEMP. 240± S.F. CONST. LIMITS

S.H.C. FILE NO. 16-72

LOVEJOY BUILDERS, INC.
PARCEL NO. (1)
SLOPE EASE. = 240± S.F. (1)
SIGNAL SYSTEM EASE. = 419± S.F. (1)
TEMP. CONST. RIGHTS = 756± S.F. (2)
TOTAL AREA = 9.11± AC. (TOWN)

ALONG SHORE OF POND

EXISTING RIGHT OF WAY
REFERENCES:

ROUTE 111 / ALFRED ROAD
1) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP STATE HIGHWAY "U" FEDERAL AID PROJECT NO. F360(4) DATED APRIL 1949, S.H.C. FILE NO. 16-72, SHEET 8 OF 11, Y.C.R.D. PLAN BOOK 23 PAGE 8. 90' WIDE THROUGH PROJECT AREA.

2) YORK COUNTY COMMISSIONERS RECORDS VOLUME 16, PAGE 110 (1827), VARIABLE WIDTH

DAY ROAD & KENNEBUNK POND ROAD
1) PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES; SEE S.H.C. FILE NO. S-16-111

STANDARD BOUNDARY SURVEY & PROPOSED LOTS
REMAINING LAND OF PATRICK SPANG
DATED 5/21/99
RECORDED AT Y.C.R.D. PLAN BOOK 388, PAGE 1.

WIN 026282.00

ITEM	CHECKED	TECH	PLAN
EXISTING CONDITION PLAN	CWK	JH	
FINAL RIGHT OF WAY		GMA	
AREAS	JH	GMA	

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	06-16-25	19678	169

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

STATE HIGHWAY "8"
ROUTE 111 / ALFRED ROAD
LYMAN YORK COUNTY
FEDERAL AID PROJECT NO. 2628200

FEBRUARY 2025 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 16-559
SCALE 1" = 25' | SHEET 34 OF 36

SHEET NUMBER
34
OF 36

Filename: ...\00\ROW\MSTA\001_RWPLAN1.dgn Division: ROW Username: Goli.M.Armstrong Date:8/8/2025

PLAN LEGEND

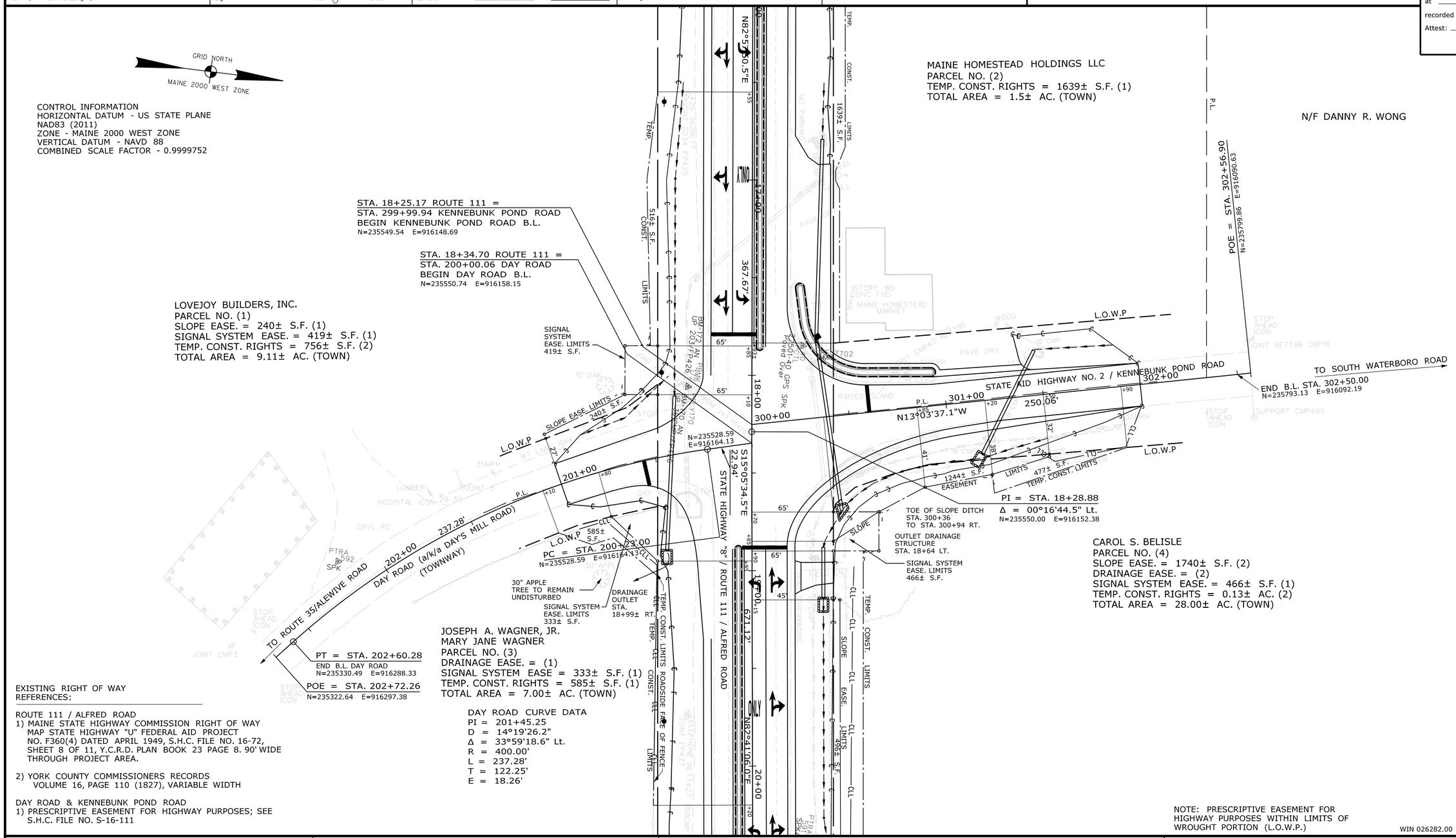
Town, County, State	New R/W Along Existing R/W	Existing / Proposed: Sanitary Sewer, Telephone Line, Electric Line, Water Line, Underdrain Line, Gas Line, Guardrail, Culvert	Existing / Proposed: Traveled Way, Ditch, Catch Basin, Manhole, Sewer Manhole, Utility Pole, Fire Hydrant, Curbing
Approx. Property Lines (P.L.)	Building / Clearing Limit Line		Cut Line / Fill Line
Existing Right of Way	Trees: Conifer / Deciduous		Stonewall / Retaining Wall
Limits of Wrought Portion (L.O.W.P.)	Tree Line / Bush Line		Baseline 10+00 11+00 12+00
Control Of Access (C.O.A.)	Water Edge		Monument / Traverse Point
New Right of Way	Ledge / Rock/Boulder / Flag Pole		Iron Rod Found IRF / Pipe Found IPF
New Easement	Fence: CHAIN LINK / BARB WIRE / STOCKADE		Replacement Pin Set
New Temporary Rights			
New R/W Within Existing R/W	Sign / 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 - 0.9999752

EXISTING RIGHT OF WAY REFERENCES:

ROUTE 111 / ALFRED ROAD
1) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP STATE HIGHWAY "U" FEDERAL AID PROJECT NO. F360(4) DATED APRIL 1949, S.H.C. FILE NO. 16-72, SHEET 8 OF 11, Y.C.R.D. PLAN BOOK 23 PAGE 8. 90' WIDE THROUGH PROJECT AREA.

2) YORK COUNTY COMMISSIONERS RECORDS VOLUME 16, PAGE 110 (1827), VARIABLE WIDTH

DAY ROAD & KENNEBUNK POND ROAD
1) PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES; SEE S.H.C. FILE NO. S-16-111

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

WIN 026282.00

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	JH	CWK
FINAL RIGHT OF WAY	GMA	
AREAS	GMA	JH

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	06-16-25	19678	169

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

STATE HIGHWAY "8"
ROUTE 111 / ALFRED ROAD
LYMAN YORK COUNTY
FEDERAL AID PROJECT NO. 2628200

FEBRUARY 2025 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 16-559
SCALE 1" = 25' | SHEET 2 OF 3

SHEET NUMBER
35
OF 36

Filename: ...\00\ROW\MSTA\002_RWPLAN2.dgn Division: ROW Username: Gail.M.Armstrong Date:8/8/2025

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

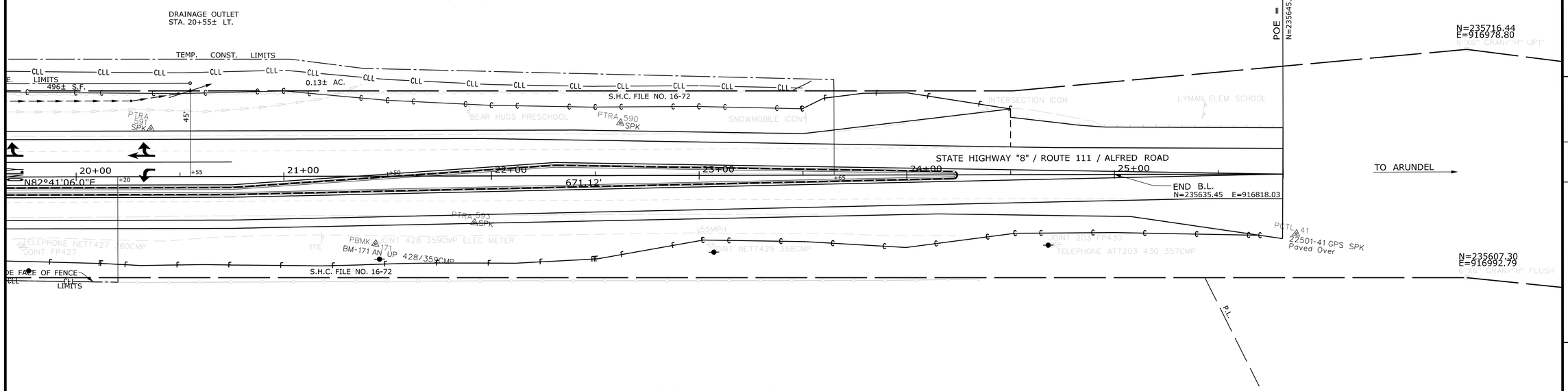
STATE OF MAINE
REGISTRY OF DEEDS

COUNTY _____
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 - 0.9999752

GRID NORTH
MAINE 2000 WEST ZONE

CAROL S. BELISLE
PARCEL NO. (4)
SLOPE EASE. = 1740± S.F. (2)
DRAINAGE EASE. = (2)
SIGNAL SYSTEM EASE. = 466± S.F. (1)
TEMP. CONST. RIGHTS = 0.13± AC. (2)
TOTAL AREA = 28.00± AC. (TOWN)



JOSEPH A. WAGNER, JR.
MARY JANE WAGNER
PARCEL NO. (3)
DRAINAGE EASE. = (1)
SIGNAL SYSTEM EASE. = 333± S.F. (1)
TEMP. CONST. RIGHTS = 585± S.F. (1)
TOTAL AREA = 7.00± AC. (TOWN)

(SEE SHEET 2 FOR IMPACTS)

EXISTING RIGHT OF WAY
REFERENCES:

ROUTE 111 / ALFRED ROAD
1) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP STATE HIGHWAY "U" FEDERAL AID PROJECT NO. F360(4) DATED APRIL 1949, S.H.C. FILE NO. 16-72, SHEET 8 OF 11, Y.C.R.D. PLAN BOOK 23 PAGE 8. 90' WIDE THROUGH PROJECT AREA.

2) YORK COUNTY COMMISSIONERS RECORDS VOLUME 16, PAGE 110 (1827), VARIABLE WIDTH

DAY ROAD & KENNEBUNK POND ROAD
1) PRESCRIPTIVE EASEMENT FOR HIGHWAY PURPOSES; SEE S.H.C. FILE NO. S-16-111

WIN 026282.00

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	JH	CWK
FINAL RIGHT OF WAY	GMA	
AREAS	GMA	JH

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD					
NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	06-16-25	19678	169

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

STATE HIGHWAY "8"
ROUTE 111 / ALFRED ROAD
LYMAN YORK COUNTY
FEDERAL AID PROJECT NO. 2628200

FEBRUARY 2025 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 16-559
SCALE 1" = 25' | SHEET 3 OF 3

SHEET NUMBER
36
OF 36

Filename: ...\00\ROW\MSTA\003_RWPLAN3.dgn Division: ROW Username: Gail.M.Armstrong Date:8/8/2025

TRAFFIC SIGNAL NOTES

1. TRAFFIC SIGNAL WORK FOR THE INTERSECTION OF ROUTE 111 (ALFRED ROAD) AND KENNEBUNK POND ROAD/DAY ROAD WILL INCLUDE, BUT NOT BE LIMITED TO, INSTALLATION OF TWO NEW WOODEN SIGNAL POLES WITH GUYWIRES; INSTALLATION OF ONE STRAIN POLE WITH A CONCRETE FOUNDATION; INSTALLATION OF SPANWIRES, TETHERS, AND CONDUCTORS; INSTALLATION OF A TRAFFIC SIGNAL CABINET AND CONTROLLER; INSTALLATION OF 'GRIDSMART' VIDEO DETECTION OR APPROVED EQUAL; AND RELATED INCIDENTAL WORK AND MATERIALS.

2. ALL WORK SHALL BE COMPLETED IN CONFORMANCE WITH THE LATEST REVISIONS OF THE STATE OF MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAYS AND BRIDGES, THE MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES, THE NATIONAL ELECTRICAL CODE, AND ANY REQUIREMENTS OF THE POWER COMPANY.

3. THE CONTROL CABINETS AND THE POWER DISCONNECT ENCLOSURES EACH SHALL BE MARKED WITH ARC HAZARD TYPE 2, 3, OR 4, AND THE APPROPRIATE PPE REQUIRED.

4. LOCATIONS OF EXISTING UTILITIES SHOWN ARE APPROXIMATE. THE CONTRACTOR SHALL BE RESPONSIBLE FOR DETERMINING THE PRESENCE OF UNDERGROUND UTILITY FACILITIES PRIOR TO COMMENCING ANY EXCAVATION WORK OR INSTALLATION OF POLES, FOUNDATIONS, JUNCTION BOXES, CONDUIT, OR GROUND-MOUNTED SIGNAGE AND SHALL NOTIFY UTILITIES OR PROPOSED WORK IN ACCORDANCE WITH MRSA TITLE 23 SECTION 3360-1, MAINE "DIG SAFE" SYSTEM. CONTRACTOR SHALL CONTACT DIG SAFE AT LEAST THREE WORKING DAYS PRIOR TO THE BEGINNING OF EXCAVATION. ALL UTILITIES SHALL BE LOCATED BEFORE BEGINNING EXCAVATION.

5. THE CONTRACTOR SHALL NOTIFY UTILITY COMPANIES AT LEAST 48 HOURS BEFORE ANY OPERATIONS ARE CONDUCTED THAT POTENTIALLY COULD CONFLICT WITH AERIAL UTILITIES.

6. NEW CONDUIT NOT UNDER PAVEMENT OR SIDEWALK SHALL BE 3 INCH MINIMUM, PVC SCHEDULE 40. NEW CONDUIT UNDER PAVEMENT SHALL BE 3 INCH MINIMUM SCHEDULE 80 PVC OR RIGID METAL CONDUIT. CONDUIT UNDER ROADWAY PAVEMENT SHALL BE EITHER DIRECTIONALLY DRILLED OR JACKED. MINIMUM BURIAL DEPTH FOR CONDUIT SHALL BE 36 INCHES. TOP 3 INCHES OF CONDUIT SHALL BE SEALED TO PREVENT ENTRY BY RODENTS.

7. THERE SHALL BE NO SPLICES OR JUNCTION BOXES EXCEPT AS NOTED ON THE PROJECT PLANS OR APPROVED BY THE RESIDENT.

8. JUNCTION BOX COVERS SHALL BE LABELED "TRAFFIC". METAL JUNCTION BOX COVERS SHALL BE GROUNDED.

9. ALL FIELD WIRING SHALL BY NEATLY BUNDLED AND CLEARLY IDENTIFIED WITH PERMANENT, LEGIBLE, WEATHERPROOF TAGS SECURELY ATTACHED TO EACH CABLE.

10. AT THE TIME OF FINAL PROJECT INSPECTION, THE CONTRACTOR SHALL FURNISH TO THE RESIDENT THREE COMPLETE SETS OF AS-BUILT TRAFFIC SIGNAL PLANS. ONE ADDITIONAL SET SHALL REMAIN IN EACH CABINET.

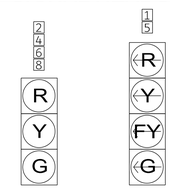
11. THE MAINTENANCE OF TRAFFIC SIGNALS SHALL REMAIN THE RESPONSIBILITY OF THE CONTRACTOR UNTIL FINAL ACCEPTANCE BY MAINEDOT.

12. PAYMENT UNDER ITEM 643.80 SHALL INCLUDE, BUT NOT BE LIMITED TO, NEW POWER SERVICE AND METER, NEW METER DISCONNECT AND ENCLOSURE, NEW STEEL STRAIN POLE AND FOUNDATION, NEW WOOD POLES, NEW CABINET AND FOUNDATION, NEW SIGNAL ASSEMBLIES, NEW EMERGENCY VEHICLE PREEMPTION RECEIVERS AND CONFIRMATION STROBE, WIRING, CABLE POLE RISERS, SPANWIRES, TETHERS, AND ALL APPURTENANCES AND INCIDENTALS NECESSARY FOR A COMPLETELY FUNCTIONING TRAFFIC SIGNAL INSTALLATION, OTHER THAN RELATED LABOR, MATERIALS, AND EQUIPMENT INCLUDED IN OTHER PAY ITEMS OF THE CONTRACT. INSTALLATION OF NEW TRAFFIC SIGNAL CONTROLLER WILL BE PAID UNDER ITEM 643.81. INSTALLATION OF NEW 'GRIDSMART' OR APPROVED EQUAL VIDEO DETECTION WILL BE PAID UNDER ITEM 643.83.

PROPOSED SIGNAGE

R3-6R 30" x 36" TYPE II | R3-5L 30" x 36" TYPE II | R10-12A 30" x 36"

PROPOSED SIGNAL HEADS



NO. REQUIRED	8	2

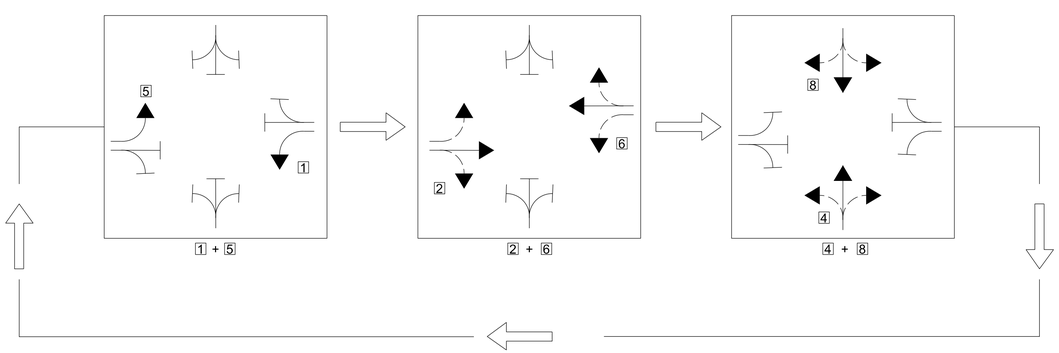
NOTES:

1. ALL SIGNAL HEADS SHALL HAVE TUNNEL VISORS
2. ALL SIGNALS SHALL HAVE 12" LED WITH 5" NON-LOUVERED BACK PLATES AND 3-INCH YELLOW RETROREFLECTIVE BORDERS.

SIGNAL TIMING

PHASE	1	2	3	4	5	6	7	8
MIN. INITIAL	5.0	10.0	-	7.0	5.0	10.0	-	7.0
VEH. EXT.	3.0	3.0	-	3.0	3.0	3.0	-	3.0
MAX 1	10.0	40.0	-	26.0	10.0	40.0	-	26.0
MAX 2	12.0	45.0	-	15.0	12.0	45.0	-	16.0
YELLOW	3.0	4.0	-	4.0	3.0	4.0	-	4.0
ALL RED	3.0	2.5	-	2.0	3.0	2.5	-	2.0

PREFERENTIAL PHASE SEQUENCE



EMERGENCY VEHICLE PRE-EMPTION OPERATION

DETECTOR NO.	APPROACH	PREEMPTION ASSIGNMENT	ACTIVE PHASE
R1	ROUTE 111 EASTBOUND	3	Ø2 & Ø5
R2	ROUTE 111 WESTBOUND	4	Ø1 & Ø6
R3	DAY ROAD NORTHBOUND	5	Ø4
R4	KENNEBUNK POND ROAD SOUTHBOUND	6	Ø8

EMERGENCY VEHICLE PRE-EMPTION NOTES:

1. EMERGENCY VEHICLE PRE-EMPTION SIGNALS SHALL BE TRANSMITTED BY OPTICAL EMITTERS (PROVIDED BY OTHERS) MOUNTED IN EMERGENCY VEHICLES AND RECEIVED BY OPTICAL DETECTORS (RECEIVERS) LOCATED AT THE INTERSECTION.

2. PRE-EMPTION SIGNALS SHALL BE SERVICED ON A FIRST COME FIRST SERVED BASIS. IN CASE WHERE TWO OR MORE CALLS ARE COMING IN AT THE SAME TIME, PREEMPTION SHALL BE PRIORITIZED WITH PREEMPT #1 AND PREEMPT #2 RESERVED FOR RAILROAD, FOLLOWED BY PREEMPT #3 ROUTE 111 EASTBOUND, THEN FOLLOWED BY PREEMPT #4 ROUTE 111 WESTBOUND, THEN FOLLOWED BY PREEMPT #5 KENNEBUNK POND ROAD SOUTHBOUND AND PREEMPT #6 DAY ROAD NORTHBOUND.

3. IN RESPONSE TO A PREEMPTION SIGNAL RECEIVED AT AN INTERSECTION BY AN OPTICAL DETECTOR, THE CONTROLLER SHALL HOLD OR ADVANCE TO AND HOLD THE EMERGENCY ACTIVE PHASE GREEN FOR A MINIMUM OF 10 SECONDS OR UNTIL THE PREEMPTION SIGNAL CEASES. THE CONTROLLER SHALL THEN TIME THE RELEVANT CLEARANCE INTERVALS AND SERVICE SUBSEQUENT EMERGENCY ACTIVE PHASES AS NECESSARY. AT THE COMPLETION OF THE PRE-EMPTION CYCLE, THE CONTROLLER SHALL TIME THE PRE-EMPTION CLEARANCE AND RESUME NORMAL SIGNAL OPERATION.

4. MINIMUM GREEN AND NORMAL VEHICLE CLEARANCE SHALL BE PROVIDED ON PHASES THAT ARE TO BE TERMINATED BY PRE-EMPTION DEMAND.

5. PREEMPTION STROBES SHALL BE ILLUMINATED WHENEVER ANY EMERGENCY VEHICLE PRE-EMPTION GREEN IS ON.

VIDEO DETECTOR DATA

DETECTOR ZONE NO.	LOCATION	Ø CALLED	Ø EXT.	MODE A = PULSE B= PRES.	DELAY TIME (SEC)	EXTEND TIME (SEC)
1	ROUTE 111 (ALFRED ROAD) WB LEFT	1	1	B	-	-
2	ROUTE 111 (ALFRED ROAD) EB THRU-RIGHT	2	2	B	-	-
4	DAY ROAD NB	4	4	B	-	-
5	ROUTE 111 (ALFRED ROAD) EB LEFT	5	5	B	-	-
6	ROUTE 111 (ALFRED ROAD) WB THRU-RIGHT	6	6	B	-	-
8	KENNEBUNK POND ROAD SB	8	8	B	-	-
34	ROUTE 111 (ALFRED ROAD) EB THRU	2	2	A	-	-
38	ROUTE 111 (ALFRED ROAD) WB THRU	6	6	A	-	-

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

HIGHWAY PLANS

WIN 26282.00

STATE OF MAINE ERIKA B. LINDEBERG No. 18013 LICENSED PROFESSIONAL ENGINEER

SIGNATURE	
P.E. NUMBER	18013
DATE	09/02/2025

	BY	DATE
PROJ MANAGER		
DESIGN1-DETAILED		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

LYMAN
ROUTE 111 / DAY ROAD &
KENNEBUNK POND ROAD

SIGNAL NOTES & DETAILS

SHEET NUMBER
C1
OF

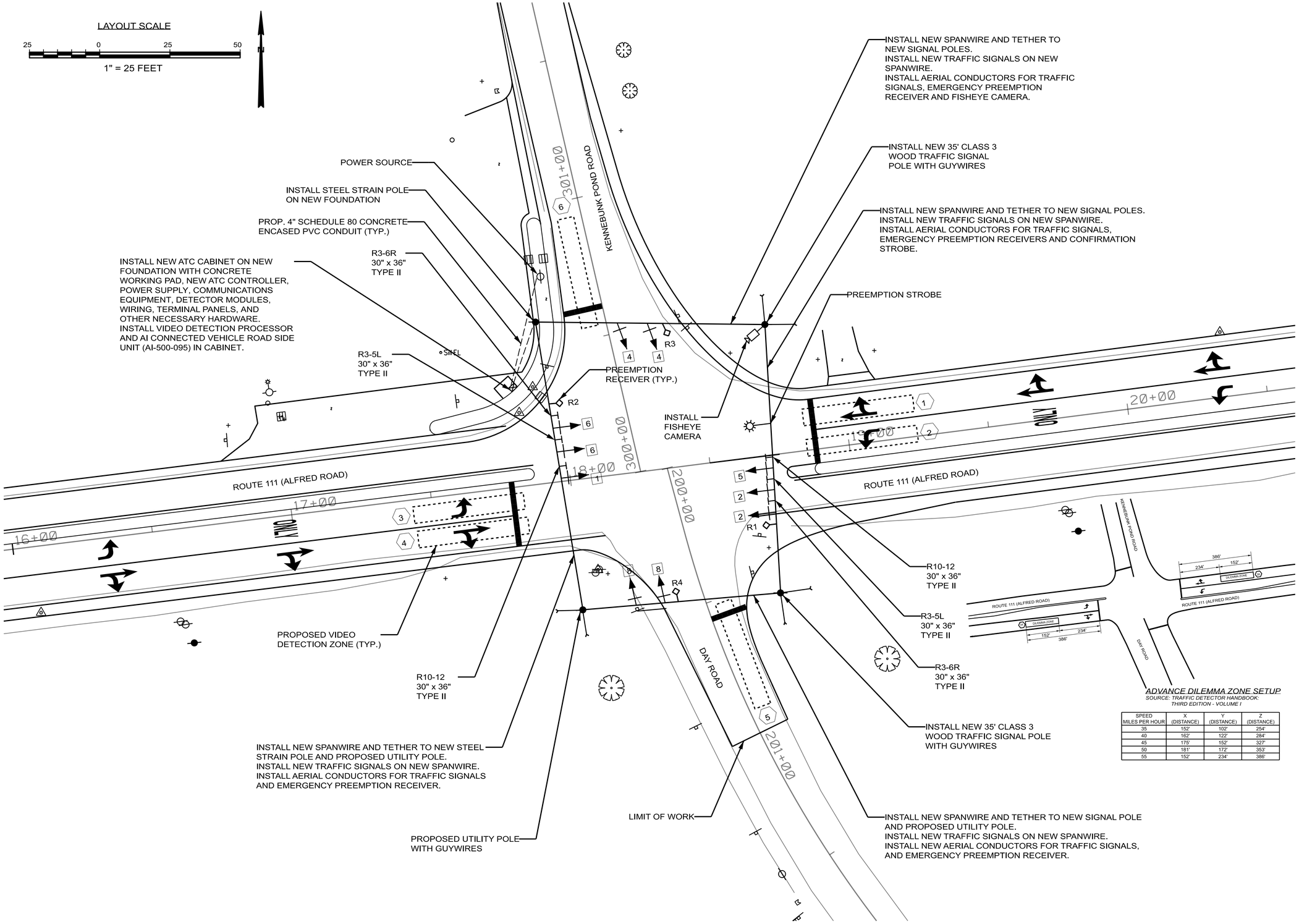
Date: $date$
Username: $user$

Filename: P:\Maine DOT\2024\Lyman (WIN 26282.00)\700 - CADD\702 - Civil\26282_001\dgn\Notes.dgn

LAYOUT SCALE

25 0 25 50

1" = 25 FEET



ADVANCE DILEMMA ZONE SETUP

SOURCE: TRAFFIC DETECTOR HANDBOOK: THIRD EDITION - VOLUME I

SPEED MILES PER HOUR	X (DISTANCE)	Y (DISTANCE)	Z (DISTANCE)
35	152'	102'	254'
40	162'	122'	284'
45	175'	152'	327'
50	181'	172'	353'
55	152'	234'	386'

STATE OF MAINE DEPARTMENT OF TRANSPORTATION

HIGHWAY PLANS

WIN 26282.00

STATE OF MAINE ERIKA B. LINDEBERG No. 18013 LICENSED PROFESSIONAL ENGINEER

SIGNATURE

18013 P.E. NUMBER

09/02/2025 DATE

BY	DATE

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

LYMAN
ROUTE 111 / DAY ROAD &
KENNEBUNK POND ROAD

TRAFFIC SIGNAL PLAN

SHEET NUMBER

C2

OF

Date: $date$

Username: $user$

Filename: P:\Maine DOT\2024\Lyman (WIN 26282.00)\700 - CADD\702 - Civil\26282_001\dgn\Traffic Signal Plan.dgn