

PLANS PREPARED BY:

 vhb

500 Southborough Drive, Suite 105B
South Portland, Maine 04106



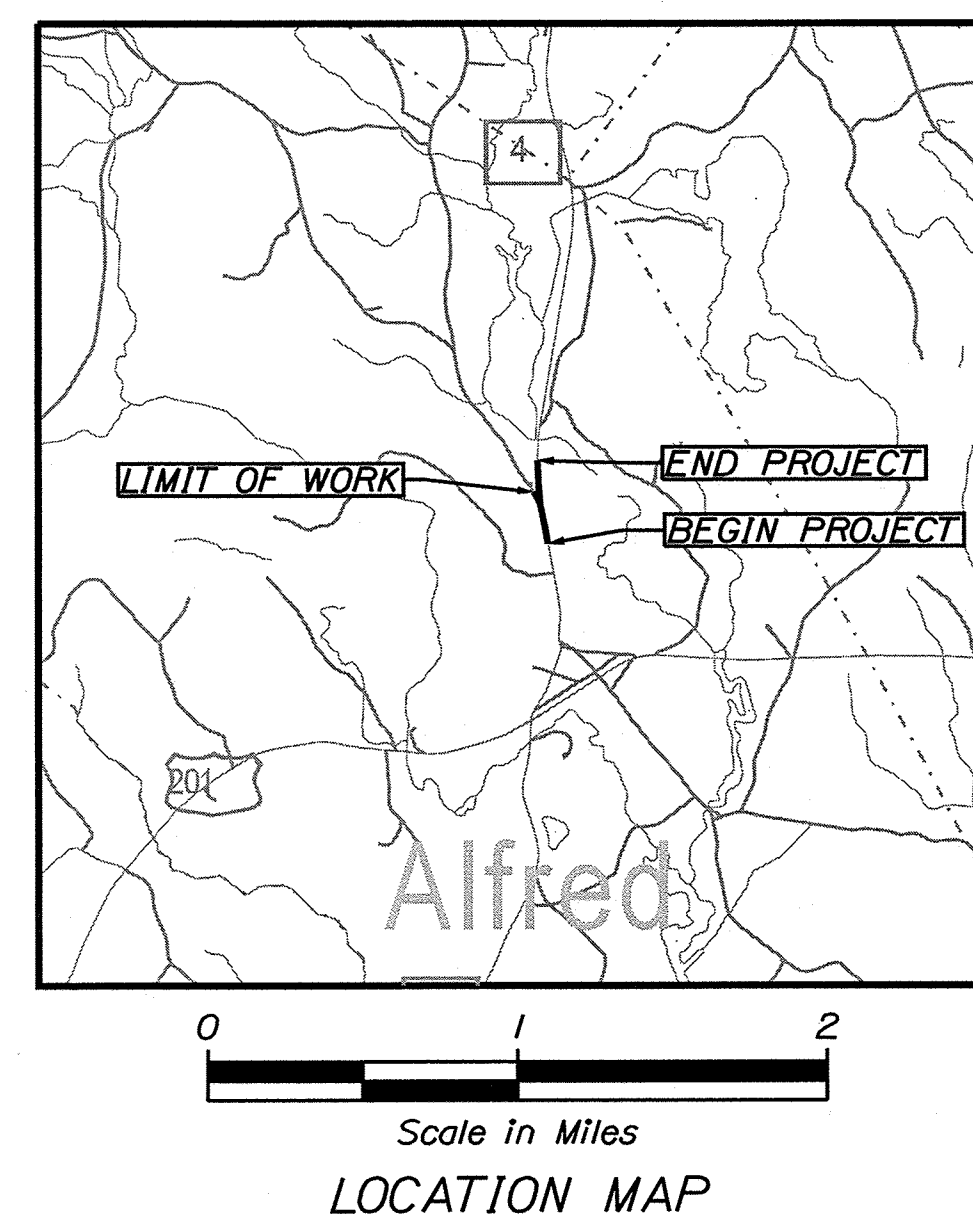
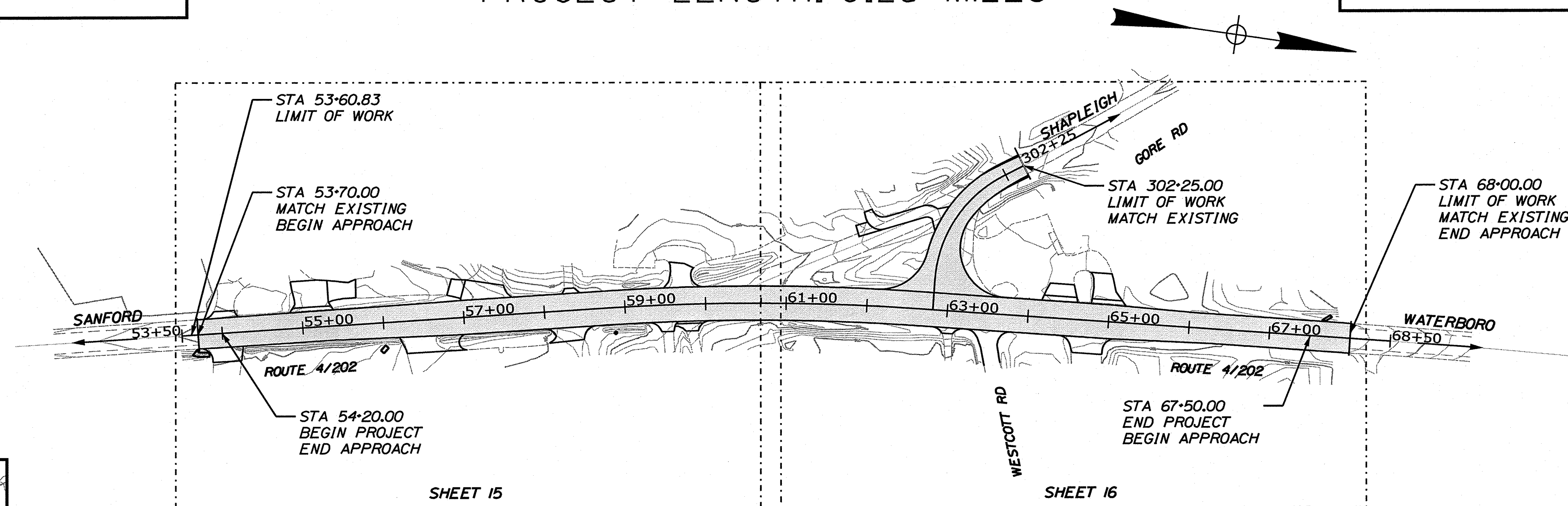
Town, County, State	_____	Catch Basins	▣ Existing ▣ Proposed
Property Lines	-----	Manholes	○ Existing ● Proposed
R/W Lines-Existing	=====	Proposed Underdrain	-----
R/W Lines-Proposed	=====	Proposed Ditch	-----
Culvert-Existing	=====	Existing Ditch	-----
Culvert Proposed	=====	Utility Poles	◇ Existing ◆ 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-###	Probe	⊕	P-#, #X
			#, # = Depth		
Pavement Core	●	PC-#	X = W (Weathered Rock)		
			R (Refusal)		
Test Pit	■	TP-XXX-###	NR (No Refusal)		

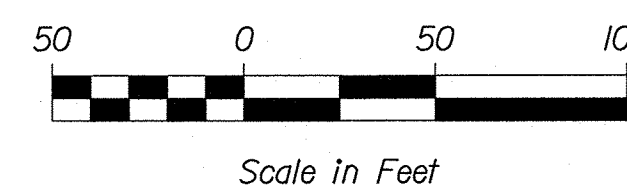
INDEX OF SHEETS

<u>Description</u>	<u>Sheet No.</u>
Title Sheet	1
Typical Sections	2-3
Earthwork Summary & Estimated Quantities	4
Drainage Schedule	5
General Notes	6
Construction Notes	7-8
Concrete Island Details	9
Signing and Striping Plans	10-12
Geometric Plans	13-14
Plans	15-16
Profile	17-20
Cross Sections	21-43
Right-of-Way Plans	44-46

ROUTE 4 & 202 INTERSECTION IMPROVEMENTS
FEDERAL PROJECT NO. 2545900
 PROJECT LENGTH: 0.25 MILES



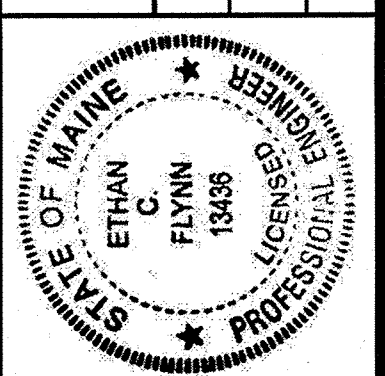
LAYOUT SCALE



<u>TRAFFIC DATA</u>		<u>SR 4/US 202</u>	
Current (2025) AADT	.....	11460	
Future (2045) AADT	.....	12610	
DHV - % of AADT	.....	11%	
Design Hour Volume	.....	1387	
% Heavy Trucks (AADT)	.....	11%	
Directional Distribution (DHV)	.....	64%	
18 kip Equivalent P 2.0	.....	491	
18 kip Equivalent P 2.5	.....	468	
Design Speed (mph)	.....	45	
Functional Class:	.....	Principal Arterial	
Corridor Priority	.....	1	

<u>PROJECT LOCATION:</u>	BEGINNING 0.56 OF A MILE NORTH OF THE SANFORD TOWN AND EXTENDING 0.25 MILES. THE WORK LIMITS ON GORE ROAD START AT ROUTE 4/202 AND CONTINUE WEST FOR APPROXIMATELY 225 LINEAR FEET.
<u>PROGRAM AREA:</u>	HIGHWAY PROGRAM
<u>SCOPE OF WORK:</u>	SAFETY IMPROVEMENTS TO ROUTE 4/202 & GORE ROAD INTERSECTION INCLUDING: RECONSTRUCTION OF THE INTERSECTION INTO A "T" LAYOUT AND ADDING AN AUXILIARY LANE ALONG ROUTE 4/202.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		DATE
COMMISSIONER:	<i>[Signature]</i>	1-21-25
CHIEF ENGINEER:	<i>[Signature]</i>	1-21-2025



PROJECT INFORMATION	
PROGRAM	HIGHWAY
PROJECT MANAGER	D. COOMBS
DESIGNER	E. FLYNN
CONSULTANT	WHB
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

ALFRED
ROUTE 4/202 & GORE RD.
TITLE SHEET

SHEET NUMBER

1

OF 46

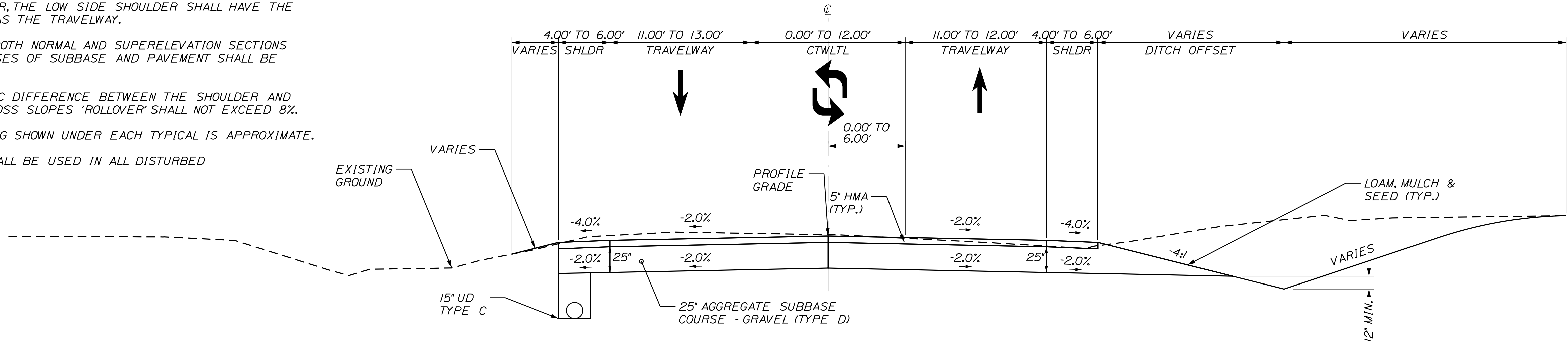
WIN 25459.00

NOTES:

1. THE PAVEMENT AND BASE 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 SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY CROSS SLOPES 'ROLLOVER' SHALL NOT EXCEED 8%.
5. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
6. 4" OF LOAM SHALL BE USED IN ALL DISTURBED AREAS.

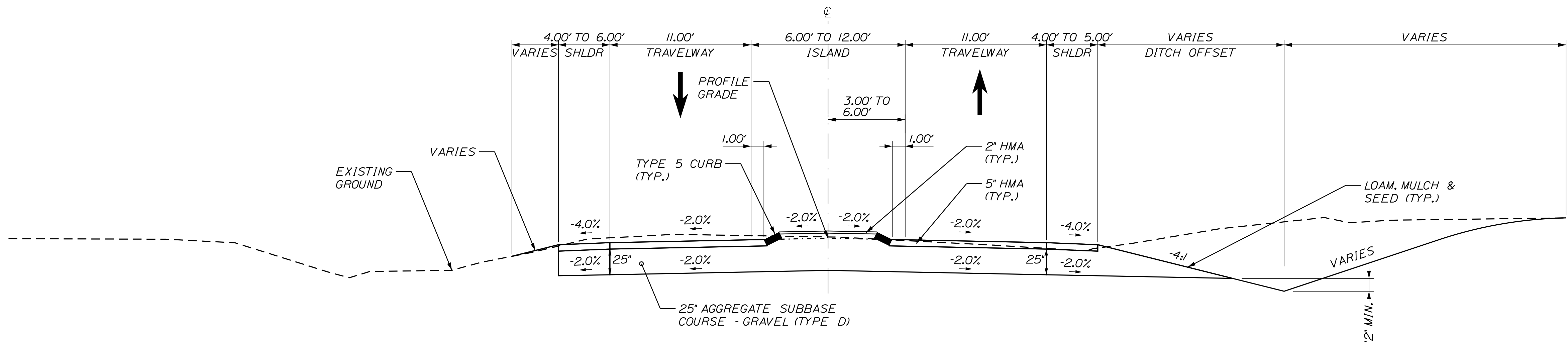
TYPICAL SECTIONS

Route 4



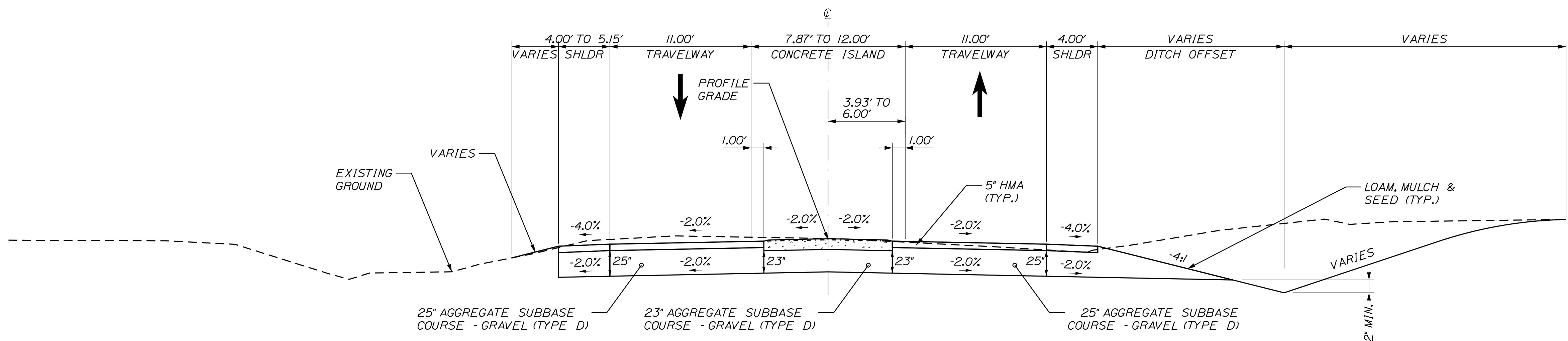
ROUTE 4/202 NORMAL CROWN FULL RECONSTRUCTION

STA. 54+20.00 TO 55+53.00
STA. 56+95.00 TO 57+50.00
STA. 64+00.00 TO 65+15.67
STA. 66+37.00 TO 67+50.00



ROUTE 4/202 NORMAL CROWN W/ MEDIAN ISLAND

STA. 55+53.00 TO 56+00.00
STA. 65+15.67 TO 66+37.00



ROUTE 4/202 NORMAL CROWN W/ FLUSH ISLAND

STA. 56+00.00 TO 56+95.00

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2545900

WIN
025459.00

HIGHWAY PLANS

PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	ANS	BM	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ALFRED
ROUTE 4/202 & GORE RD
TYPICALS
(1 OF 2)

SHEET NUMBER
2
OF 46

Date:1/14/2025

Username: osiegel

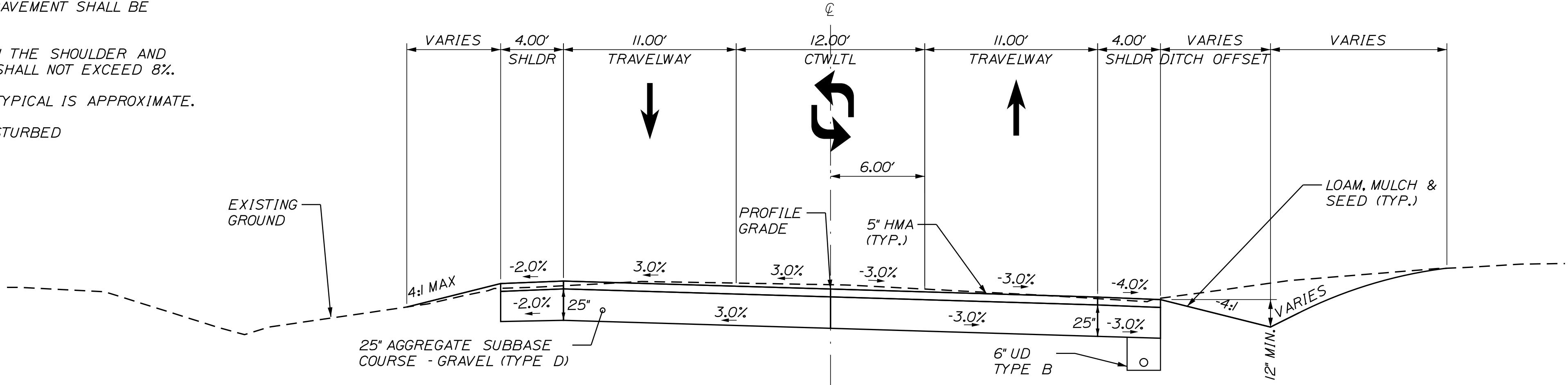
Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\002_Typicals.dgn

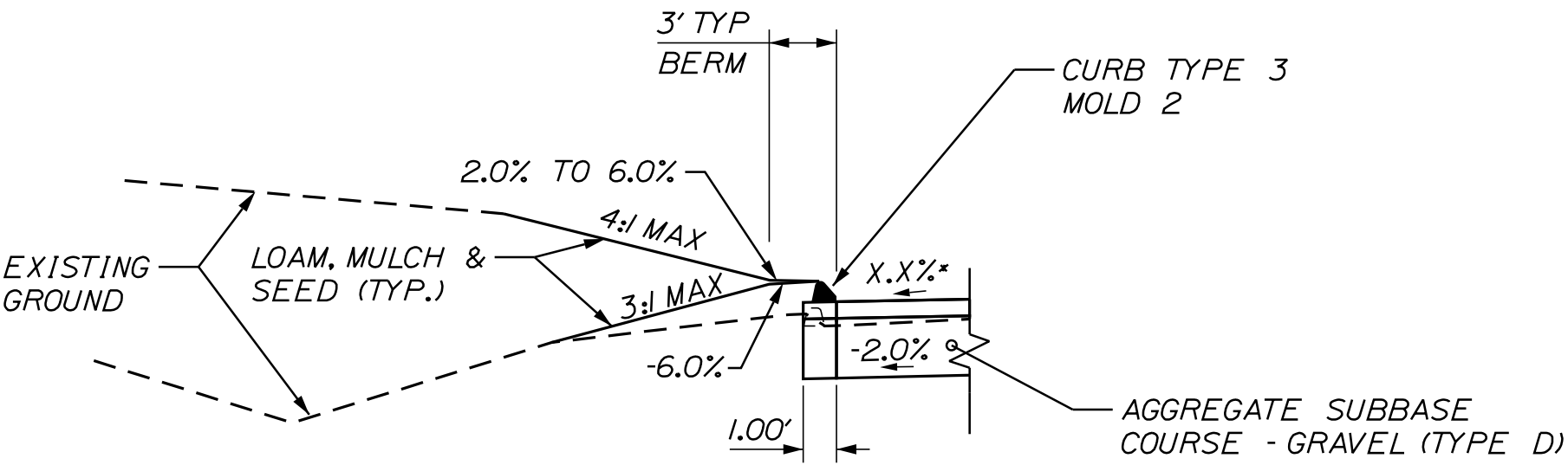
NOTES:

1. THE PAVEMENT AND BASE 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 SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY CROSS SLOPES 'ROLLOVER' SHALL NOT EXCEED 8%.
5. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
6. 4" OF LOAM SHALL BE USED IN ALL DISTURBED AREAS.

TYPICAL SECTIONS
Route 4 & Gore Road

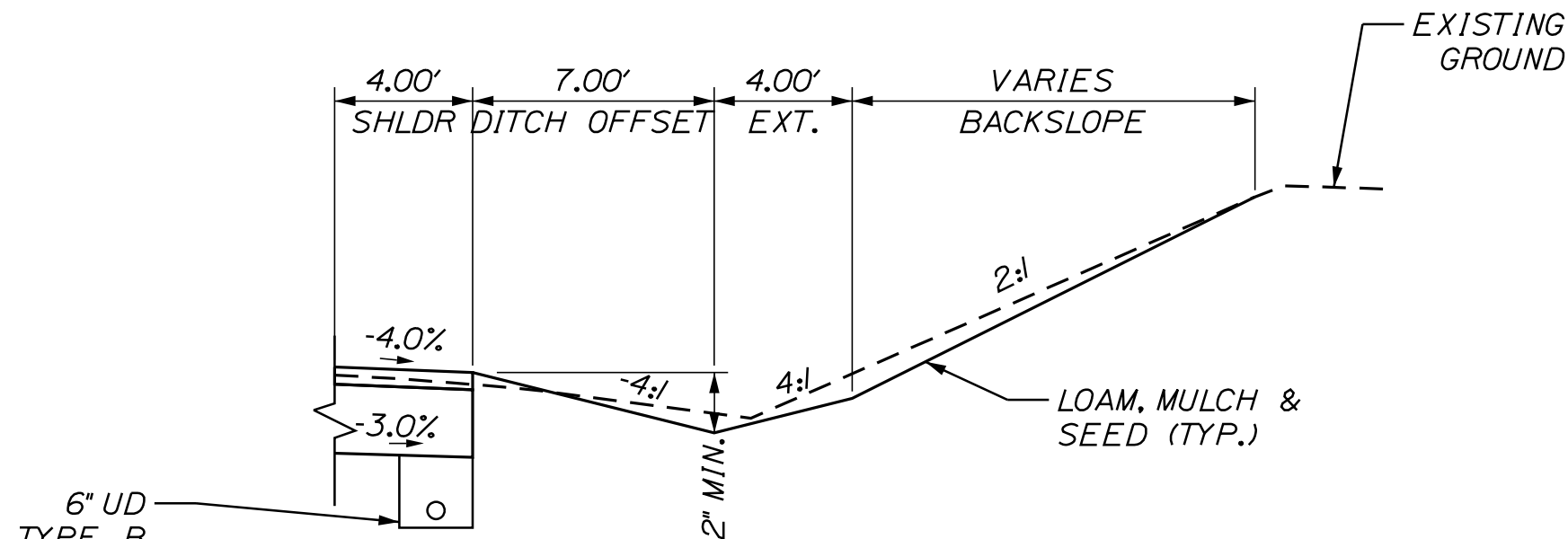


ROUTE 4/202 SUPERELEVATED FULL RECONSTRUCTION
STA. 59+00 TO 62+50.00

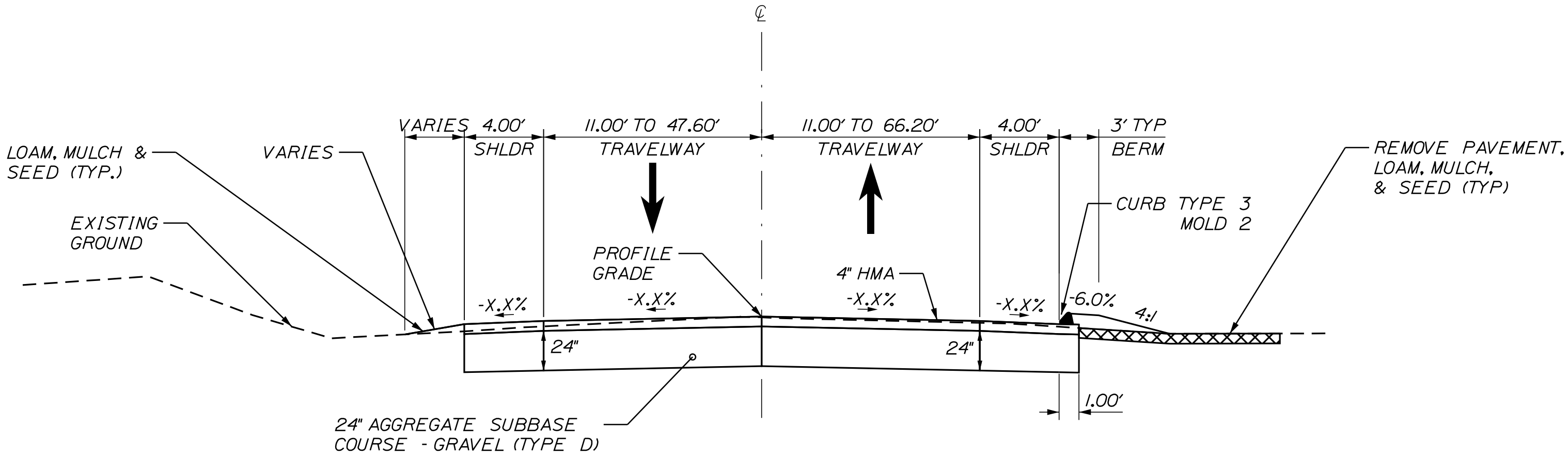


ROUTE 4 / GORE RD SHOULDER WITH CURB TYPE 3

STA. 54+21 TO 54+85 LT.
STA. 54+25 TO 56+19 RT.
STA. 55+39 TO 56+97 LT.
STA. 57+61 TO 58+23 LT.
STA. 58+45 TO 59+57 LT.
STA. 63+67 TO 64+16 LT.
STA. 64+61 TO 64+77 LT.
STA. 65+21 TO 67+65 LT.
STA. 300+21 TO 301+50 RT.
STA. 300+21 TO 300+92 LT.
STA. 301+24 TO 301+50 LT.



ROUTE 4 RT SHOULDER WITH HINGED BACKSLOPE
STA. 61+00.00 TO 62+00.00 RT



GORE RD FULL RECONSTRUCTION
STA. 300+21.00 TO 302+00.00

*NOTE: SEE CROSS SLOPE TABLE FOR CROSS SLOPES

NOT TO SCALE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	2545900	WIN 025459.00	HIGHWAY PLANS
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PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	LAUS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ALFRED ROUTE 4/202 & GORE RD TYPICALS (2 OF 2)

SHEET NUMBER 3 OF 46

EARTHWORKS SUMMARY

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM CROSS SECTIONS)	6,095	
COMMON EXCAVATION FOR DRIVES, OLD ROAD, ETC.	665	
GRUBBING IN FILL	72	
PAVEMENT REMOVAL (ADDITIONAL)	135	
TOTAL COMMON EXCAVATION (FOR ESTIMATE)		6,966

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM CROSS SECTIONS)	196	
FILL FOR DRIVES	8	
GRUBBING IN FILL	72	
TOTAL FILL		276

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION (FROM CALCULATION)	100	
TOTAL ROCK EXCAVATION		100

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

(1) TOTAL COMMON EXCAVATION		6,966
DEDUCTIONS:		
GRUBBING IN CUT	262	
GRUBBING IN FILL	72	
PAVEMENT REMOVAL (FROM CROSS SECTIONS)	1,116	
PAVEMENT REMOVAL (ADDITIONAL)	135	
(2) TOTAL DEDUCTIONS		1,585

TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)	5,381
TOTAL AVAILABLE STRUCTURAL EXCAVATION (UNDERDRAIN ONLY)	151

TOTAL AVAILABLE NON-ROCK EXCAVATION	5,532
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COMPUTATION OF WASTE STORAGE & WASTE MATERIAL

TOTAL AVAIL. WASTE STORAGE AREA (FROM CROSS SECTIONS)		0
GRUBBING IN CUT	262	
GRUBBING IN FILL	72	
PAVEMENT REMOVAL (FROM CROSS SECTIONS)	1,116	
PAVEMENT REMOVAL (ADDITIONAL)	135	
TOTAL WASTE MATERIAL TO BE UTILIZED		0
TOTAL WASTE MATERIAL TO BE WASTED		1,585

COMPUTATION FOR SURPLUS MATERIAL FOR ESTIMATE

(3)TOTAL FILL		276
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TOTAL AVAIL. NON-ROCK EXCAV.	5,532 x 0.90	=	4,979
TOTAL AVAIL. ROCK EXCAV.	100 x 1.30	=	130
TOTAL WASTE MATERIAL TO BE UTILIZED	0 x 0.00	=	0

(4)TOTAL AVAILABLE EXCAVATION	5,109
SURPLUS MATERIAL = AVAILABLE EXCAVATION MINUS TOTAL FILL PLUS TOTAL WASTE MATERIAL TO BE WASTED	6,418

ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	QUANTITY
201.23	REMOVING SINGLE TREE TOP ONLY	EA	3
201.24	REMOVING STUMP	EA	3
203.20	COMMON EXCAVATION	CY	7,000
203.21	ROCK EXCAVATION	CY	100
304.10	AGGR SUBB COURSE - GRAVEL	CY	5,700
403.2081	12.5 MM POLYMER MODIFIED HMA	T	620
403.209	HOT MIX ASPHALT 9.5 MM HMA (INCID.)	T	160
403.213	HOT MIX ASPHALT 12.5 MM HMA BASE	T	1,400
409.15	BITUMINOUS TACK COAT APPLIED	G	420
502.341	STR CONC ROADWAY MEDIAN	CY	19
603.16	15" CULV PIPE OPTION I	LF	240
603.165	15" RCP CLASS III	LF	72
603.169	15" CULV PIPE OPTION III	LF	42
603.17	18" CULV PIPE OPTION I	LF	64
604.092	CATCH BASIN TYPE B1-C	EA	1
604.262	CATCH BASIN TYPE B5-C	EA	1
605.09	6" UNDERDRAIN TYPE B	LF	450
605.12	15" UNDERDRAIN TYPE C	LF	300
606.356	UNDERDRAIN DELINEATOR POST	EA	1
606.47	SINGLE WOOD POST	EA	1
607.291	REMOVE AND RESET STONE WALL	LF	190
609.31	CURB TYPE 3	LF	1,300
609.34	CURB TYPE 5	LF	320
609.35	CURB TYPE 5 - CIRCULAR	LF	33
609.38	RESET CURB TYPE 1	LF	16
610.08	PLAIN RIPRAP	CY	11
613.319	EROSION CONTROL BLANKET	SY	650
615.07	LOAM	CY	480
618.13	SEEDING METHOD NUMBER 1	UN	39
619.12	MULCH	UN	39
621.285	LG DECID TR (3"-3.50" CAL) GP A	EA	1
621.286	LG DECID TR (3"-3.50" CAL) GP B	EA	3
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	LF	9,300
627.75	WHITE OR YELLOW PVMT AND CURB MARK	SF	360
627.78	TEMP 4" PAINT PVMT MARK LINE W OR Y	LF	3,500
629.05	HAND LABOR, STRAIGHT TIME	HR	40
631.12	ALL-PURPOSE EXC (INC OPERATOR)	HR	40
631.172	TRUCK-LARGE (INC OPERATOR)	HR	80
639.20	FIELD OFFICE TYPE C	EA	1
645.103	DEMOUNT GUIDE SIGN	EA	2
645.106	DEMOUNT REG,WRN,CON,&RTE SGN	EA	18
645.108	DEMOUNT POLE	EA	1
645.113	REINSTALL GUIDE SIGN	EA	1
645.116	REINST REG WRN CONF & RTE SIGN	EA	4
645.291	ROADSIDE GUIDE SIGNS TYPE II	SF	3
645.292	REG,WARN,CONF,RT SIGNS TYPE II	SF	97
652.33	DRUM	EA	50
652.34	CONE	EA	90
652.35	CONSTRUCTION SIGNS	SF	200
652.36	MAINT OF TRAFFIC CONTR DEVICES	CD	130
652.38	FLAGGER	HR	3,600
652.41	PORTABLE - CHANGE MESSAGE SIGN	EA	3
656.75	TEMP. SOIL EROS. AND WATER POLL. CONTROL	LS	1
658.20	ACRYLIC LATEX FINISH, GREEN	SY	70
659.10	MOBILIZATION	LS	1



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	LAIS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

GENERAL NOTES

1. PAVEMENT THICKNESSES SHOWN ON THE TYPICAL SECTIONS ARE INTENDED TO BE NOMINAL.

2. ALL JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENT SHALL BE BUTTED. NO ADDITIONAL PAYMENT WILL BE MADE FOR THIS WORK AND THIS SHALL BE CONSIDERED INCIDENTAL TO THE PROJECT.

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. 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.

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

6. 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.

7. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE FILL SIDE SLOPES WITHOUT GUARDRAIL UNLESS OTHERWISE NOTED ON THE PLANS.

8. ALL WASTE MATERIAL NOT USED ON THE PROJECT SHALL BE DISPOSED OF OFF THE PROJECT IN ACCEPTABLE WASTE AREAS REVIEWED BY THE RESIDENT. GRADING,SEEDING AND MULCHING OF WASTE AREAS SHALL BE CONSIDERED INCIDENTAL.

9. REQUIRED DITCH PROTECTION SHOWN ON THE PLANS OR IN THE CONSTRUCTION NOTES IS FOR ESTIMATING PURPOSES ONLY.THE ACTUAL TYPE AND LOCATION OF DITCH PROTECTION MAY BE ALTERED BY THE RESIDENT.

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

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

12. 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.

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

14. 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.

15. THE FOLLOWING SHALL BE INCIDENTAL TO THE STANDARD SPECIFICATIONS SECTION 603,PIPE CULVERTS AND STORM DRAINS:
A. ALL PIPE EXCAVATION INCLUDING ANY CUTTING AND REMOVAL OF PAVEMENT;
B. ALL WORK NECESSARY TO CONNECT TO EXISTING PIPES AND DRAINAGE STRUCTURES;

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

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

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

19. FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED UNLESS NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.

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

21. A 3-FOOT BY 3-FOOT SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT EACH UNDERDRAIN OUTLET.
22. A DELINEATOR POST (STANDARD SPECIFICATIONS ITEM 606.356,UNDERDRAIN DELINEATOR POST)WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.

23. LOAM HAS BEEN ESTIMATED FOR ALL DISTURBED AREAS.ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.

24. UNLESS OTHERWISE NOTED SEEDING METHOD NO.1 SHALL BE UTILIZED ON ALL DISTURBED AREAS.

25. 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.

26. ACRYLIC LATEX COLOR FINISH GREEN (STANDARD SPECIFICATIONS ITEM 658.20, ACRYLIC LATEX COLOR FINISH) SHALL BE PLACED ON ALL PAVED ISLANDS.

27. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

28. 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.

29. THE PROJECT GEOTECHNICAL REPORT CAN BE ACCESSED AT THE MAINEDOT WEBSITE HTTP://WWW.MAINE.GOV/MDOT/CONTRACTORS/

30. 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.

31. 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.

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

33. STATIONS REFERENCED ARE APPROXIMATE.

34. 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.

ALFRED
ROUTE 4/202 & GORE RD

GENERAL NOTES



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	AMS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ITEM 201.23 - REMOVING SINGLE TREE TOP ONLY

STATION	OFFSET	QUANTITY (EA)
ROUTE 4/202		
57+62.42 - 6" DECIDUOUS	29.06 LT	0.00
57+84.42 - 15" PINE	27.56 LT	1.00
58+03.68 - 36" DECIDUOUS	23.28 LT	1.00
GORE RD		
300+55.01 - 84" OAK	17.46 LT	1.00

ITEM 201.24 - REMOVING STUMP

STATION	OFFSET	QUANTITY (EA)
ROUTE 4/202		
57+62.42 - 6" DECIDUOUS	29.06 LT	0.00
57+84.42 - 15" PINE	27.56 LT	1.00
58+03.68 - 36" DECIDUOUS	23.28 LT	1.00
GORE RD		
300+55.01 - 84" OAK	17.46 LT	1.00

ITEM 502.341 - STRUCTURAL CONCRETE ROADWAY MEDIAN

STATION TO STATION	OFFSET	QUANTITY (SF)	DEPTH
55+53.00 TO 56+95.00	LT & RT	763.3	8"

ITEM 606.356 - UNDERDRAIN DELINEATOR POST

STATION	OFFSET	QUANTITY (EA)
58+87.00	31.00 RT	1.00

ITEM 606.47 - SINGLE WOOD POST

STATION	OFFSET	QUANTITY (EA)
301+25.00	17.00 LT	1.00

ITEM 607.291 - REMOVE AND REST STONE WALL

STATION TO STATION	OFFSET	LENGTH
54+34.90 TO 56+21.00	RT	186.80'

ITEM 609.38 - RESET CURB TYPE I

STATION	OFFSET	LENGTH
64+50.00	38.0' RT TO 54.0' RT	16'

ITEM 610.08 - PLAIN RIPRAP

STATION TO STATION	OFFSET	QUANTITY (CY)
53+67.00 TO 53+82.60	RT	4.72
55+96.29 TO 56+02.83	RT	2.63
58+69.37 TO 58+75.56	RT	1.27
67+63.62 TO 67+76.14	LT	1.64

ITEM 613.319 - EROSION CONTROL BLANKET

STATION TO STATION	OFFSET	QUANTITY (SY)
54+36 TO 56+19	RT	122
57+03 TO 58+00	RT	65
58+74 TO 59+19	RT	30
58+78 TO 59+50	LT	48
59+89 TO 62+06	LT	144
59+92 TO 62+85	RT	196
63+22 TO 63+35	RT	9
63+73 TO 64+16	RT	29

ITEM 627.733 - 4" W OR Y PAINTED PAVEMENT MARKING LINE

TYPE	STATION TO STATION	OFFSET	LENGTH
CENTERLINE, YELLOW	42+50.00 TO 53+50.00	BL	1,100'
	53+50.00 TO 54+20.00	BL	70'
	54+20.00 TO 54+50.00	BL	30'
	54+50.00 TO 57+00.00	RT	250'
	54+50.00 TO 57+00.00	LT	250'
	57+00.00 TO 60+55.00	RT	710'
	57+00.00 TO 60+55.00	LT	710'
	60+55.00 TO 62+52.00	LT	394'
	63+55.00 TO 65+05.00	RT	300'
	63+55.00 TO 65+05.00	LT	300'
TWLTL MARKING	65+05.00 TO 67+75.00	RT	270'
	65+05.00 TO 67+75.00	LT	270'
	67+75.00 TO 78+75.00	BL	1100'
	300+35.00 TO 302+25.00	BL	190'
	53+70.00 TO 300+35.00	LT	900'
	53+70.00 TO 68+00.00	RT	1,430'
	63+50.00 TO 68+00.00	LT	450'
	300+35.00 TO 302+25.00	LT	190'
	300+00.00 TO 302+25.00	RT	225'
	61+52.00 TO 62+52.00	RT	100'
EDGE LINE, WHITE			
LANE LINE, WHITE	61+52.00 TO 62+52.00	RT	100'

ITEM 627.75 - W OR Y PAVEMENT AND CURB MARK

TYPE	STATION TO STATION	OFFSET	QUANTITY (SF)
STOP BAR	300+35.00	LT	60
TWLTL ARROWS	57+45.00 TO 57+60.00	BL	32
TWLTL ARROWS	60+10.00 TO 60+25.00	BL	32
TWLTL ARROWS	64+30.00 TO 64+45.00	BL	32
LT TURN BAY ARROW	62+30.00	BL	16
Y. TRNGL HATCHING	54+20.00 TO 55+52.00	BL	100
	66+40.00 TO 67+75.00	BL	80

ITEM 627.78 - TEMP 4" PAINTED PVMNT MARKING LINE W OR Y

TYPE	STATION TO STATION	OFFSET	LENGTH
TEMPORARY Y LINE	57+00.00 TO 60+55.00	RT	355'
TEMPORARY Y LINE	57+00.00 TO 60+55.00	LT	355'
TEMPORARY Y LINE	60+55.00 TO 62+52.00	LT	197'
TEMPORARY Y LINE	63+55.00 TO 65+05.00	RT	150'
TEMPORARY Y LINE	63+55.00 TO 65+05.00	LT	150'
MISCL.			1,000'

UNLESS OTHERWISE AUTHORISED, TEMPORARY PAVEMENT MARKING LINES SHALL BE PLACED ON BASE AND INTERMEDIATE HMA LAYERS

ITEM 645.103 - DEMOUNT GUIDE SIGN

DESCRIPTION	STATION	OFFSET	QUANTITY (EA)
GORE ROAD SNS	61+75.00	LT	1.00
CHURCH SIGN	61+75.00	LT	1.00

ITEM 645.106 - DEMOUNT REG, WRN, CON, & RTE SIGN

DESCRIPTION	STATION	OFFSET	QUANTITY (EA)
ROUTE MARKERS	59+30.00	LT	4.00
STOP	60+60.00	LT	1.00
ROUTE MARKERS	61+85.00	RT	4.00
NO THRU VEHICLES/TRUCKS	61+75.00	LT	2.00
STOP	300+40.00	RT	1.00
STOP	301+20.00	RT	2.00
STOP AHEAD	305+25.00	LT	1.00
WATCH FOR TURNING TRAFFIC	63+55.00	LT	1.00
SIDE ROAD WARNING/GORE RD	67+80.00	LT	2.00

ITEM 645.108 - DEMOUNT POLE

DESCRIPTION	STATION	OFFSET	QUANTITY (EA)
EMPTY POST	63+60.00	LT	1.00

ITEM 645.113 - REINSTALL GUIDE SIGN

DESCRIPTION	STATION	OFFSET	QUANTITY (EA)
CHURCH SIGN	61+75.00	LT	1.00

ITEM 645.116 - REINST REG, WRN, CON, & RTE SIGN

DESCRIPTION	STATION	OFFSET	QUANTITY (EA)
NO THRU VEHICLES/TRUCKS	61+75.00	LT	2.00
SIDE ROAD WARNING/GORE RD	67+80.00	LT	2.00

ITEM 645.291 - ROADSIDE GUIDE SIGNS TYPE II

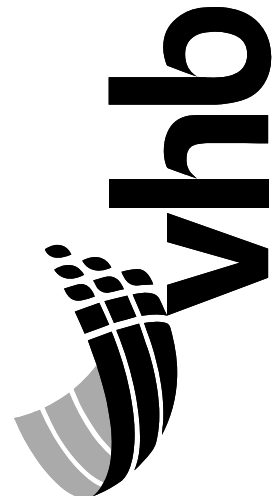
DESCRIPTION	STATION	OFFSET	QUANTITY (SF)
D3-1A (GORE ROAD SNS)	300+85.00	LT	3.00

ITEM 645.292 - REG WARN CONF RTE SIGNS TYPE II

DESCRIPTION	STATION	OFFSET	QUANTITY (SF)
R4-7 (KEEP RIGHT)	55+53.00	BL	5.00
OMI-3 (OBJECT MARKER)	55+53.00	BL	2.25
R4-7 (KEEP RIGHT)	55+98.00	BL	5.00
OMI-3 (OBJECT MARKER)	55+98.00	BL	2.25
M3-4 (WEST)	60+98.00	LT	2.00
M1-4(202)	60+98.00	LT	5.00
M3-3 (SOUTH)	60+98.00	LT	2.00
M1-5(4)	60+98.00	LT	4.00
R4-7 (KEEP RIGHT)	65+15.00	BL	5.00
OMI-3 (OBJECT MARKER)	65+15.00	BL	2.25
R4-7 (KEEP RIGHT)	66+40.00	BL	5.00
OMI-3 (OBJECT MARKER)	66+40.00	BL	2.25
M3-2 (EAST)	66+75.00	RT	2.00
M1-4(202)	66+75.00	RT	5.00
M3-1 (NORTH)	66+75.00	RT	2.00
M1-5(4)	66+75.00	RT	4.00
RI-1 (STOP)	300+85.00	LT	9.00
WI-8R (CHEVRON)	300+95.00	LT	3.00
WI-8L (CHEVRON)	300+95.00	LT	3.00
WI-8R (CHEVRON)	301+45.00	LT	3.00
WI-8L (CHEVRON)	301+45.00	LT	3.00
WI-8R (CHEVRON)	301+80.00	LT	3.00
WI-8L (CHEVRON)	301+80.00	LT	3.00
WI-1L (TURN WARNING SIGN)	303+20.00	LT	6.25
WI3-1 (25 MPH)	303+20.00	LT	2.25
W3-1 (STOP AHEAD)	305+25.00	LT	6.25

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

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WIN
025459.00
HIGHWAY PLANS



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	LAHS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ALFRED
ROUTE 4/202 & GORE RD
CONSTRUCTION NOTES
(1 OF 2)

SHEET NUMBER

2

OF 46

ITEM 658.20 - ACRYLIC LATEX FINISH, GREEN

STATION TO STATION OFFSET AREA (SQYD)

55+53.62 TO 65+94.38 LT & RT 15.59
64+95.62 TO 66+36.37 LT & RT 54.35

ITEM 629.05 - HAND LABOR, STRAIGHT TIME

ITEM 631.12 - ALL-PURPOSE EXCAVATOR

AS DIRECTED BY THE RESIDENT, REMOVE AND RESET THE GRANITE POST AT STATION 57+34, RT AND THE WOODEN SIGN POSTS AT 57+93, RT. PAYMENT WILL BE MADE UNDER THE APPLICABLE EQUIPMENT RENTAL PAY ITEM.

CONSTRUCT THE FOLLOWING DRIVES AND ENTRANCES

STATION TO STATION OFFSET TYPE OPENING WIDTH

GORE ROAD			
54+00.00	LT	PAVED	44.09
54+05.00	RT	PAVED	53.62
55+10.00	LT	GRAVEL	54.39
56+50.00	RT	PAVED	81.16
57+00.00	LT	PAVED	63.78
58+35.00	RT	PAVED	63.62
58+35.00	LT	PAVED	21.71
59+50.00	RT	PAVED	35.66
59+75.00	LT	PAVED	49.05
59+80.00	RT	GRAVEL	38.90
63+00.00 (WESTCOTT RD)	RT	PAVED	37.83
63+50.00	RT	PAVED	55.20
64+30.00	LT	GRAVEL	44.79
64+75.00	RT	PAVED	69.57
65+00.00	LT	GRAVEL	43.40
301+10.00	LT	PAVED	34.75

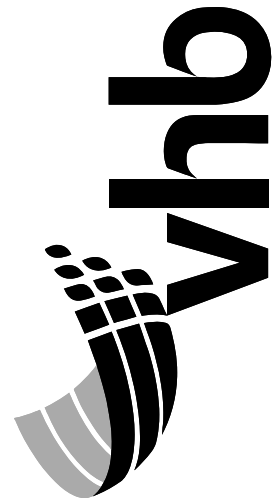
ROUTE 4 / 202				
CROSS SLOPE TABLE				
LT SHLDR %	LT TW %		RT TW %	RT SHLDR %
SHOULDER	TRAVELWAY	STATION	TRAVELWAY	SHOULDER
START				
MATCH	MATCH	53+70.00	MATCH	MATCH
-4.8%	-2.3%	54+00.00	-2.5%	-5.2%
-4.0%	-2.0%	54+20.00	-2.0%	-4.0%
TO				
-4.0%	-2.0%	57+50.00	-2.0%	-4.0%
-4.0%	-0.3%	58+00.00	-2.0%	-4.0%
-4.0%	0.5%	58+25.00	-2.0%	-4.0%
-3.6%	0.8%	58+35.00	-2.0%	-4.0%
-3.0%	1.3%	58+50.00	-2.0%	-4.0%
-2.2%	2.0%	58+70.00	-2.0%	-4.0%
-2.0%	2.2%	58+75.00	-2.2%	-4.0%
-2.0%	3.0%	59+00.00	-3.0%	-4.0%
TO				
-2.0%	3.0%	62+50.00	-3.0%	-4.0%
-2.0%	2.2%	62+75.00	-2.2%	-4.0%
-2.3%	1.9%	62+82.00	-2.0%	-4.0%
-3.0%	1.3%	63+00.00	-2.0%	-4.0%
-4.0%	0.5%	63+25.00	-2.0%	-4.0%
-4.0%	-0.3%	63+50.00	-2.0%	-4.0%
-4.0%	-2.0%	64+00.00	-2.0%	-4.0%
TO				
-4.0%	-2.0%	67+50.00	-2.0%	-4.0%
MATCH	MATCH	68+00.00	MATCH	MATCH
END				

Note: CTWLTL has same slopes as corresponding LT and RT TWs

GORE RD				
CROSS SLOPE TABLE				
LT SHLDR %	LT TW %		RT TW %	RT SHLDR %
SHOULDER	TRAVELWAY	STATION	TRAVELWAY	SHOULDER
START				
MATCH	MATCH	300+21.00	MATCH	MATCH
-0.7%	-0.7%	300+25.00	0.7%	0.7%
-2.0%	-2.0%	300+50.00	-0.6%	-0.6%
-3.0%	-2.0%	300+75.00	-2.0%	-2.0%
-4.0%	-2.0%	301+00.00	-2.0%	-3.0%
-4.0%	-2.0%	301+25.00	-2.0%	-4.0%
-4.0%	-2.0%	301+50.00	-2.0%	-4.0%
-4.0%	-3.0%	301+75.00	-2.0%	-4.0%
-5.0%	-4.0%	302+00.00	-2.0%	-4.0%
MATCH	MATCH	302+25.00	MATCH	MATCH
END				

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

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HIGHWAY PLANS



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	ANS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ALFRED
ROUTE 4/202 & GORE RD
CONSTRUCTION NOTES
(2 OF 2)

SHEET NUMBER
8
OF 46

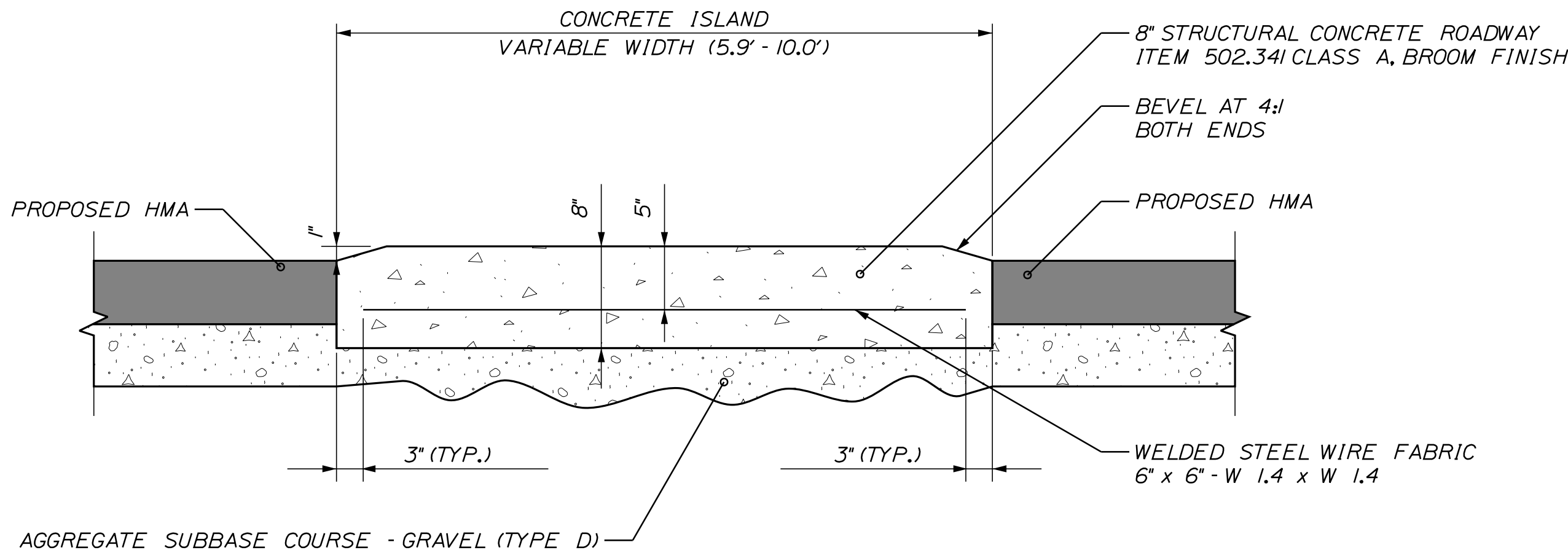
Date:1/14/2025

Username: osiegel

Division: HIGHWAY

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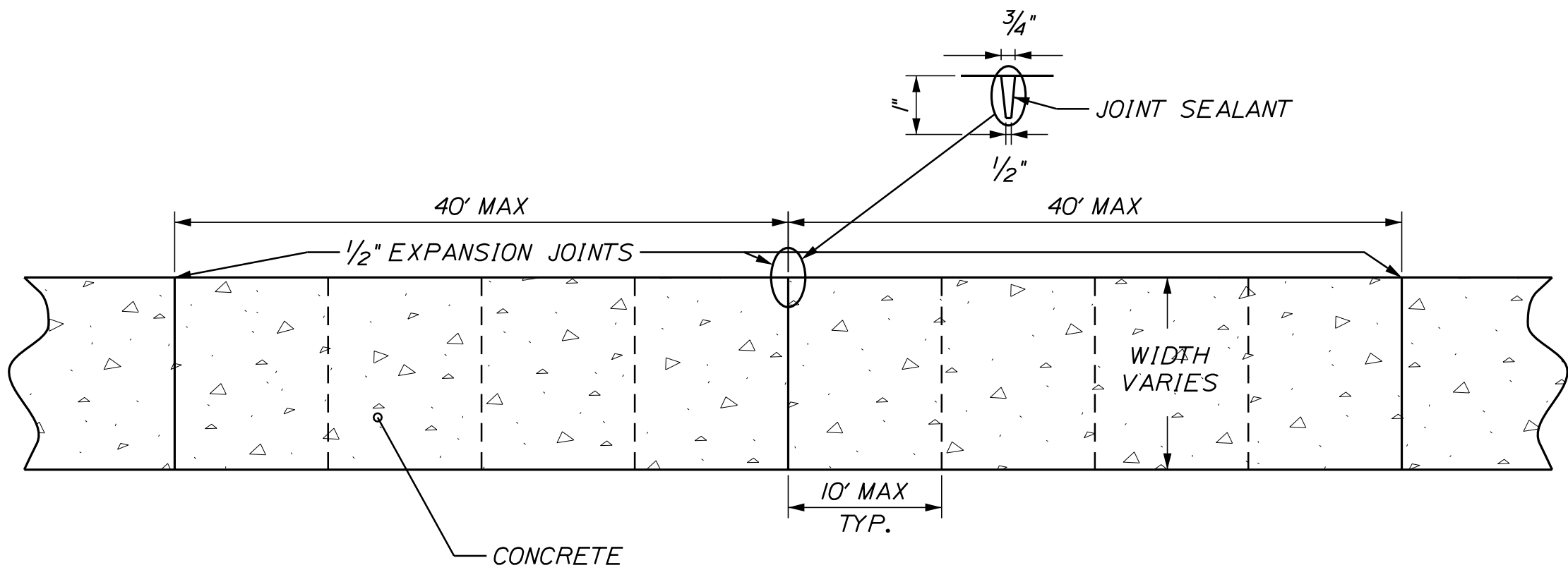
FLUSH CONCRETE ISLAND
Route 4



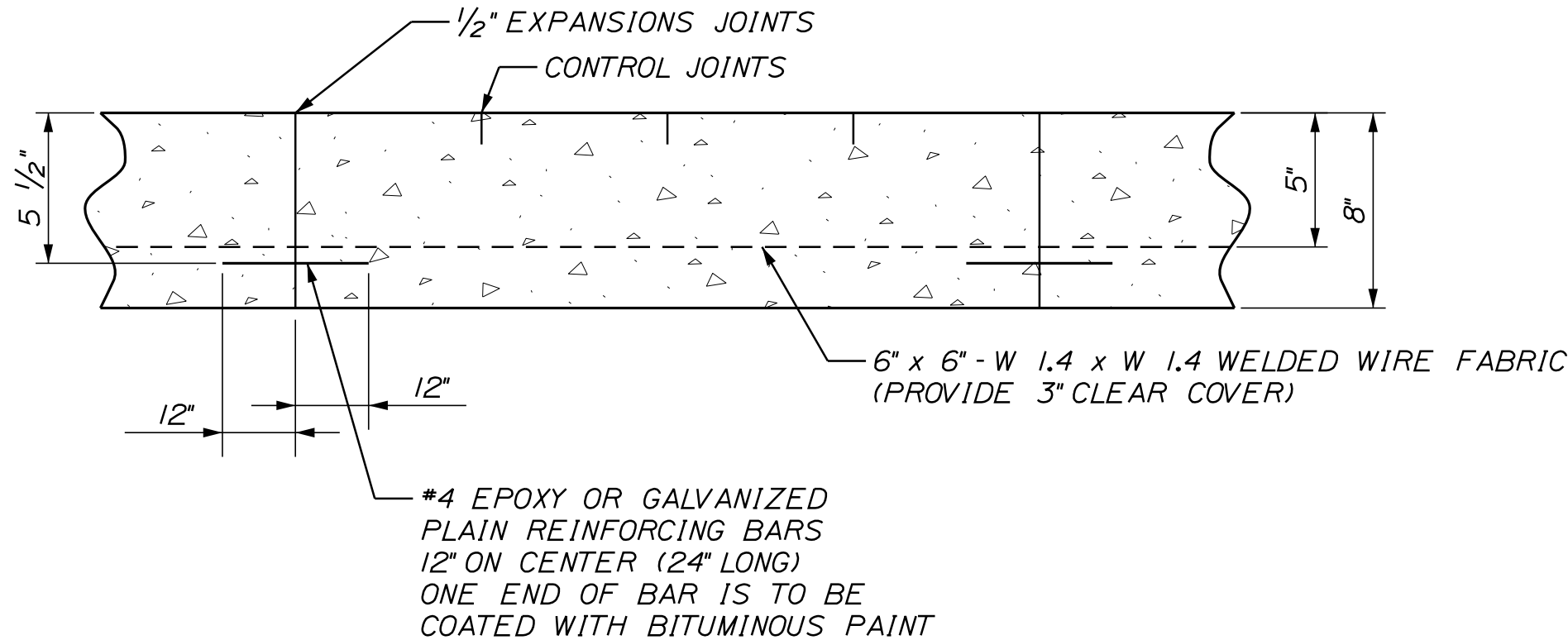
SECTION VIEW
CONCRETE ISLAND
STA. 56+00.00 TO 56+95.00

CONCRETE NOTES:

1. SAWCUT PAVEMENT VERTICALLY AND REMOVE THE EXISTING MATERIAL TO SPECIFIED GRAVEL SUBGRADE AS DIRECTED BY THE RESIDENT.
2. HMA MATERIAL THAT IS REMOVED BELOW PROPOSED CONCRETE ISLAND GRADE SHALL BE REPLACED WITH AGGREGATE SUBBASE COURSE - GRAVEL.
3. APPLY A LIGHT COAT OF ASPHALT TO ACT AS A BOND BREAKER BETWEEN THE CONCRETE AND ADJACENT PAVEMENT.
4. CONSTRUCT CONCRETE MEDIAN WITH CLASS A CONCRETE CONFORMING TO STANDARD SPECIFICATIONS SECTION 502 - STRUCTURAL CONCRETE.
5. FILL ALL EXPANSION JOINTS AND SEAL WITH AN APPROVED JOINT SEALANT.
6. ALL WORK DESCRIBED, INCLUDING REINFORCEMENT, WILL BE INCIDENTAL TO ITEM 502.34I STRUCTURAL CONCRETE - ROADWAY MEDIAN, UNLESS OTHERWISE STATED.
7. CONSTRUCT EXPANSION JOINTS AT 40 FT MAX SPACING.
8. CONCRETE PLACEMENT PROCEDURES SHALL BE SUBJECT TO THE APPROVAL OF THE ENGINEER AND IN CONFORMANCE WITH SECTION 502.
9. CONCRETE SHALL BE COLORED CONFORMING TO STANDARD SPECIFICATIONS SECTION 502 - STRUCTURAL CONCRETE.



PLAN VIEW
CONCRETE ISLAND



PROFILE VIEW
CONCRETE ISLAND

NOT TO SCALE

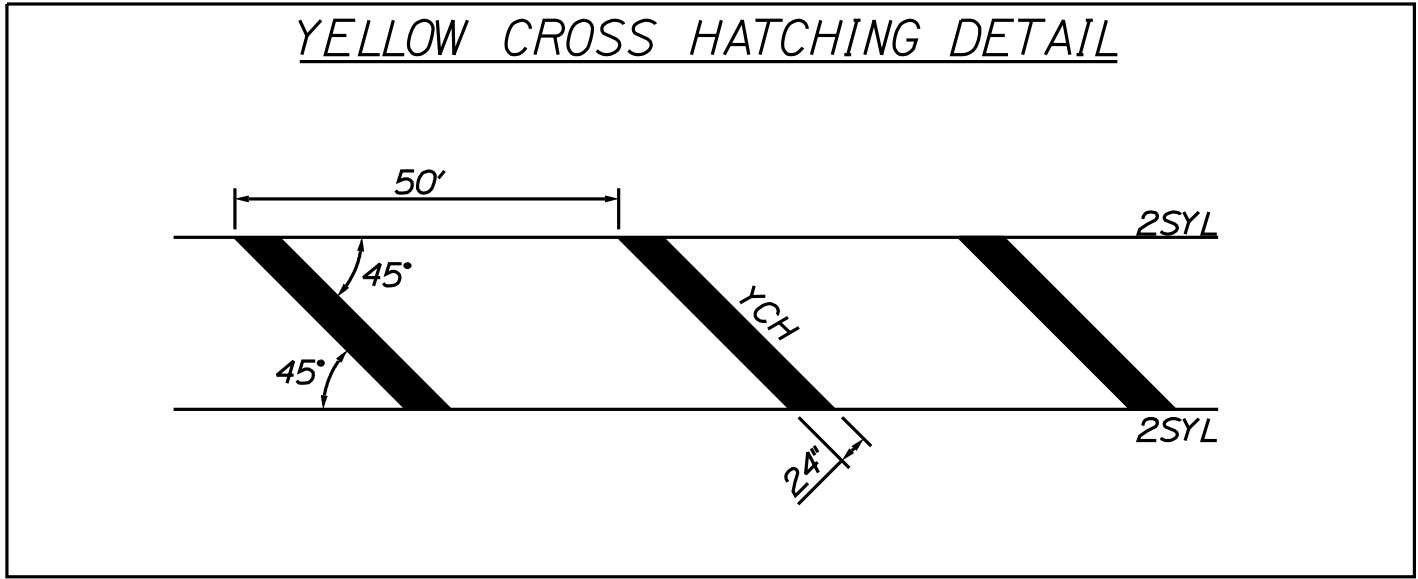
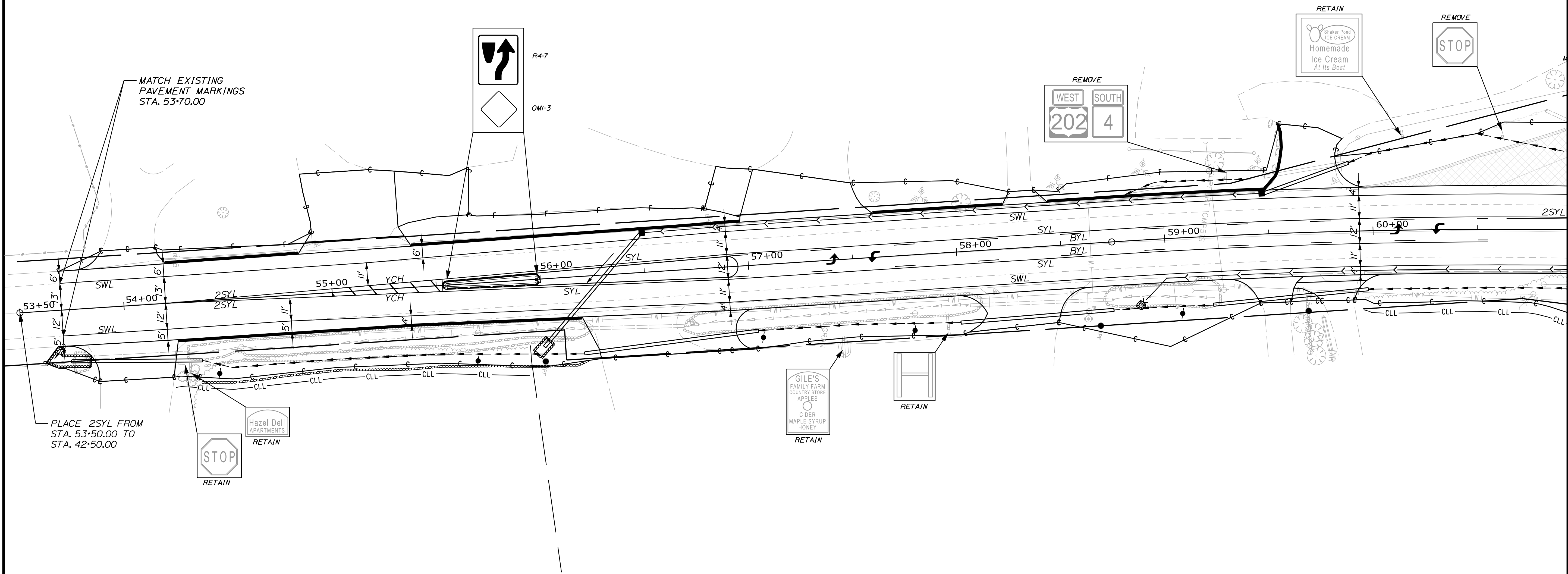
STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
2545900	
WIN	025459.00
	HIGHWAY PLANS



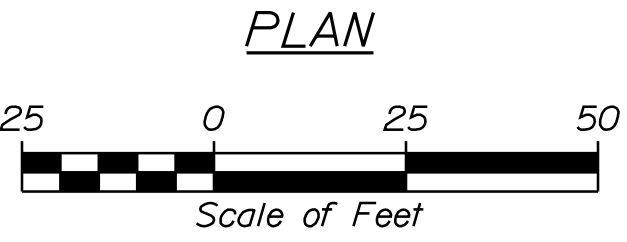
PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	LHS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ALFRED	
ROUTE 4/202 & GORE RD	
CONCRETE ISLAND	
DETAILS	

SHEET NUMBER	
9	
OF 46	



SIGNING AND PAVEMENT MARKING LEGEND	
SWL	- SINGLE WHITE SOLID LINE
BYL	- SINGLE YELLOW BROKEN LINE (10' LINE 30' SPACE)
SYL	- SINGLE YELLOW SOLID LINE
2SYL	- DOUBLE YELLOW SOLID LINE
SL	- SINGLE SOLID LINE - STOPLINE (24")
W	- WHITE PAVEMENT MARKING SYMBOLS
DYL	- DOTTED YELLOW LINE
YCH	- YELLOW CROSS HATCHING (SEE DETAIL)



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2545900

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HIGHWAY PLANS

PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	AMS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ALFRED
ROUTE 4/202 & GORE RD

SIGNING AND STRIPING
PLAN (1 OF 2)

SHEET NUMBER

10

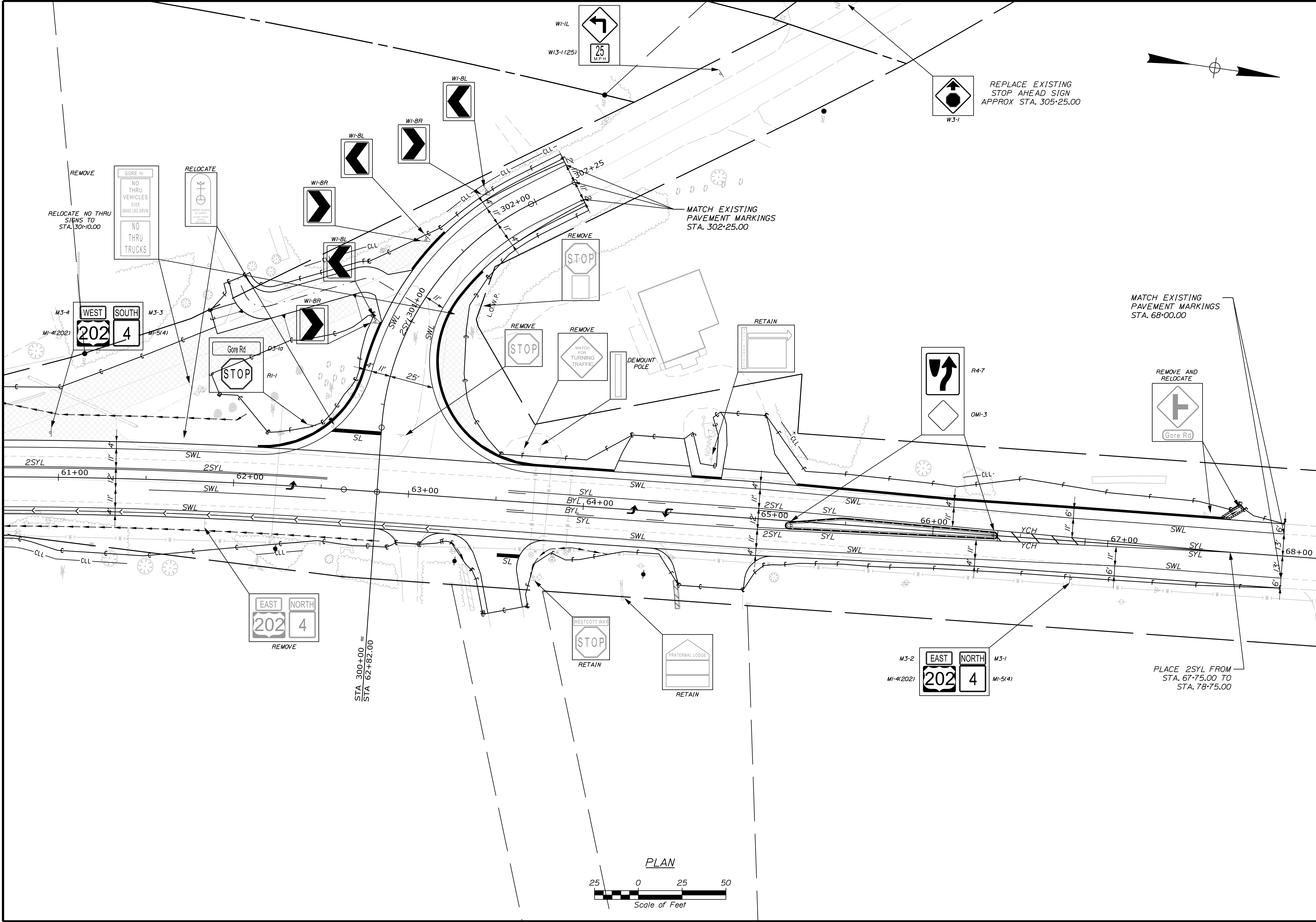
OF 46

Date:1/14/2025

Username: osiegel

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\008_SSP\plans.dgn



STATE OF MAINE
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2545900

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025459.00

HIGHWAY PLANS

DATE

1/14/2025

BY

BMR

PROJ. MANAGER

D. COOMBS

CHECKED

REVIEWED

DESIGNED

REVIEWED

DESIGNED

REVIEWED

1/14/2025

AC

ECF

1/14/2025

1/14/2025

1/14/2025

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

ALFRED
ROUTE 4/202 & GORE RD
SIGNING AND STRIPING
PLAN (2 OF 2)

SHEET NUMBER

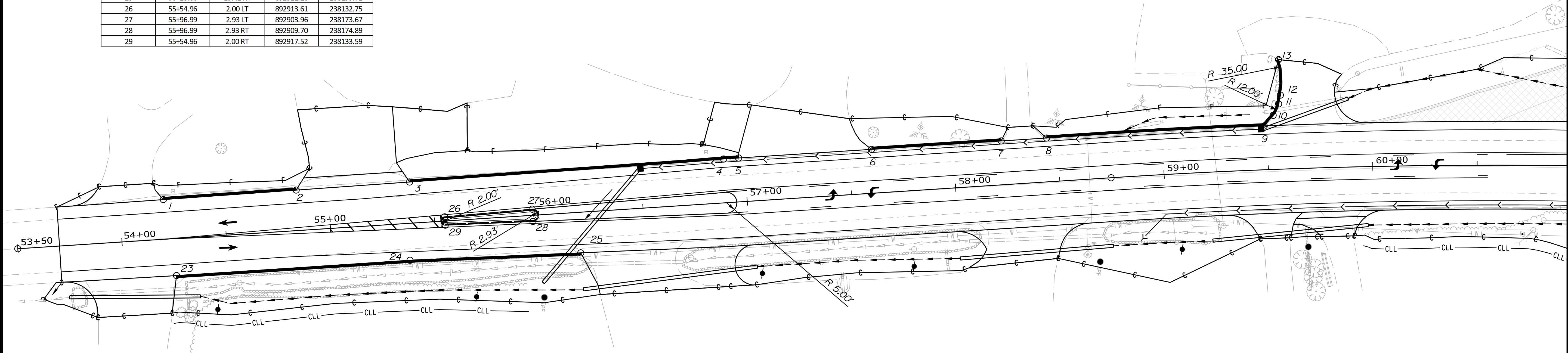
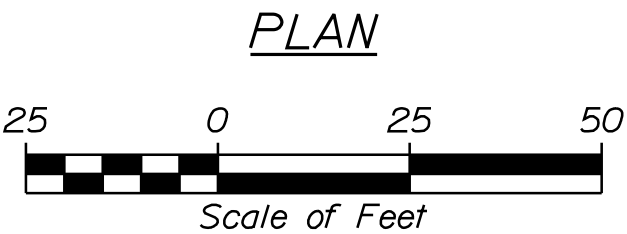
11

OF 46

ITEM 609.31 - CURB TYPE 3		
PT. TO PT.	RADIUS	LENGTH
1 TO 2	-	63.8'
3 TO 4	-	150.7'
4 TO 5	-	7.2'
6 TO 7	-	62.2'
8 TO 9	-	104.4'
9 TO 10	-	6.6'
10 TO 11	12.0'	6.2'
11 TO 12	-	4.3'
12 TO 13	35.0'	17.2'
14 TO 36	60.0'	81.6'
36 TO 37	170.0'	28.6'
38 TO 39	170.0'	28.4'
40 TO 41	140.0'	20.0'
41 TO 15	60.0'	129.5'
15 TO 16	-	45.4'
17 TO 18	-	16.7'
19 TO 20	-	90.1'
20 TO 21	-	68.4'
21 TO 22	-	85.6'
23 TO 24	-	112.1'
24 TO 25	-	81.8'

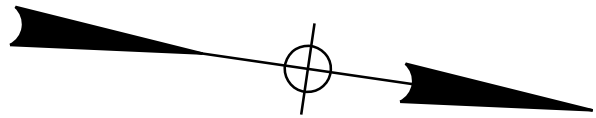
ITEM 609.34 - CURB TYPE 5		
PT. TO PT.	RADIUS	LENGTH
26 TO 27	-	42.0'
28 TO 29	-	42.0'
30 TO 31	-	28.7'
32 TO 33	-	85.1'
34 TO 35	-	117.3'

ITEM 609.35 - CURB TYPE 5 - CIRCULAR		
PT. TO PT.	RADIUS	LENGTH
26 TO 29	2.0'	6.2'
27 TO 28	2.9'	9.4'
30 TO 35	2.0'	6.0'
31 TO 32	25.0'	4.3'
33 TO 34	2.0'	6.2'



CONTROL POINTS				
POINT	STATION	OFFSET	X CORD.	Y CORD.
1	54+21.05	18.96 LT	892924.85	237998.25
2	54+84.83	19.38 LT	892911.18	238060.54
3	55+39.26	19.73 LT	892899.52	238113.71
4	56+90.00	21.00 LT	892866.95	238260.90
5	56+97.19	21.00 LT	892865.46	238267.93
6	57+61.00	21.00 LT	892852.20	238330.35
7	58+23.21	21.00 LT	892839.27	238391.20
8	58+45.00	21.00 LT	892834.74	238412.52
9	59+48.80	21.00 LT	892814.00	238514.78
10	59+53.25	25.87 LT	892808.39	238518.30
11	59+56.06	31.26 LT	892802.58	238520.12
12	59+57.02	35.44 LT	892798.30	238520.33
13	59+56.75	52.48 LT	892781.59	238516.99
14	62+12.68	21.00 LT	892777.60	238777.99
15	63+70.51	21.00 LT	892765.50	238935.72
16	64+15.93	21.00 LT	892762.15	238981.02
17	64+60.72	21.00 LT	892758.85	239025.69
18	64+77.46	21.00 LT	892757.62	239042.38
19	65+20.90	20.54 LT	892754.87	239085.74
20	66+11.00	18.54 LT	892750.23	239175.73
21	66+79.43	18.69 LT	892745.03	239243.97
22	67+65.00	18.51 LT	892738.90	239329.32
23	54+25.00	17.75 RT	892959.93	238009.74
24	55+37.05	17.67 RT	892936.56	238119.33
25	56+18.86	19.42 RT	892921.28	238199.71
26	55+54.96	2.00 LT	892913.61	238132.75
27	55+96.99	2.93 LT	892903.96	238173.67
28	55+96.99	2.93 RT	892909.70	238174.89
29	55+54.96	2.00 RT	892917.52	238133.59

CONTROL POINTS				
POINT	STATION	OFFSET	X CORD.	Y CORD.
30	65+17.38	0.63 RT	892776.24	239083.79
31	65+45.74	3.62 LT	892769.91	239111.76
32	65+50.00	3.89 LT	892769.33	239115.99
33	66+35.03	2.00 LT	892764.95	239200.93
34	66+35.03	2.00 RT	892768.94	239201.22
35	65+17.72	4.61 RT	892780.18	239084.42
36	300+66.39	15.00 LT	892724.95	238832.12
37	300+92.44	15.00 LT	892696.99	238837.86
38	301+24.14	15.00 LT	892664.88	238851.02
39	301+50.00	15.00 LT	892641.10	238866.42
40	301+50.00	15.00 RT	892659.44	238890.15
41	301+27.82	15.00 RT	892676.12	238879.08



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

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HIGHWAY PLANS

PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	AMS	BNR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ALFRED
ROUTE 4/202 & GORE RD
GEOMETRICS PLAN
(1 OF 2)

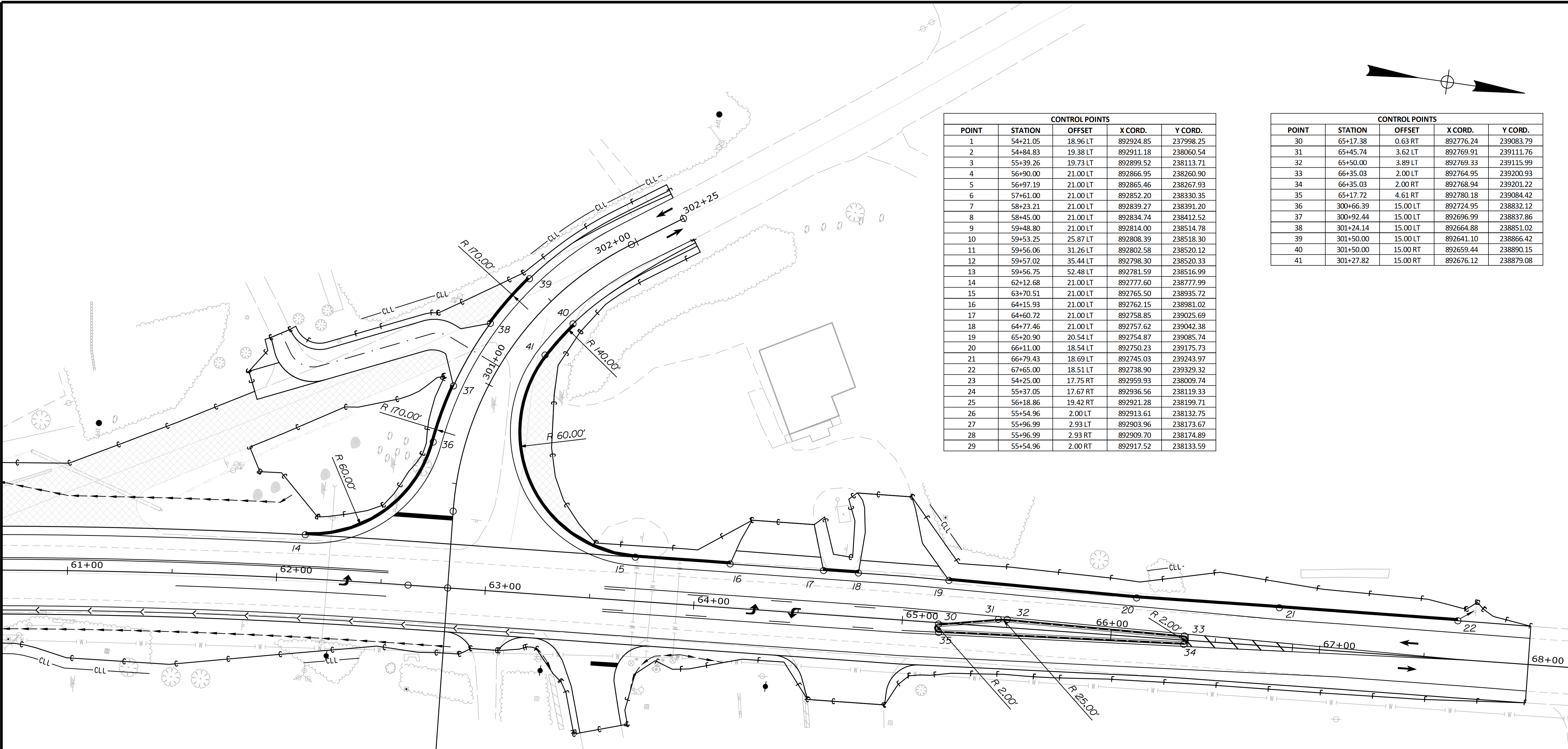
SHEET NUMBER
13
OF 46

Date:1/14/2025

Username: osiegel

Division: HIGHWAY

Filename: ... \MSTAD09_Geometrics.dgn

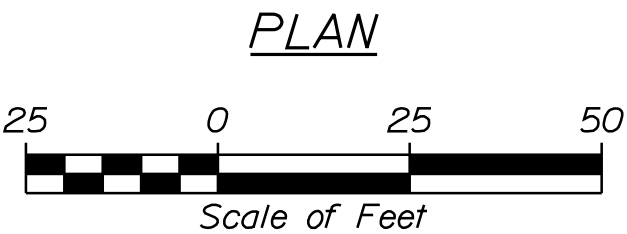


ITEM 609.31 - CURB TYPE 3		
PT. TO PT.	RADIUS	LENGTH
1 TO 2	-	63.8'
3 TO 4	-	150.7'
4 TO 5	-	7.2'
6 TO 7	-	62.2'
8 TO 9	-	104.4'
9 TO 10	-	6.6'
10 TO 11	12.0'	6.2'
11 TO 12	-	4.3'
12 TO 13	35.0'	17.2'
14 TO 36	60.0'	81.6'
36 TO 37	170.0'	28.6'
38 TO 39	170.0'	28.4'
40 TO 41	140.0'	20.0'
41 TO 15	60.0'	129.5'
15 TO 16	-	45.4'
17 TO 18	-	16.7'
19 TO 20	-	90.1'
20 TO 21	-	68.4'
21 TO 22	-	85.6'
23 TO 24	-	112.1'
24 TO 25	-	81.8'

ITEM 609.34 - CURB TYPE 5		
PT. TO PT.	RADIUS	LENGTH
26 TO 27	-	42.0'
28 TO 29	-	42.0'
30 TO 31	-	28.7'
32 TO 33	-	85.1'
34 TO 35	-	117.3'

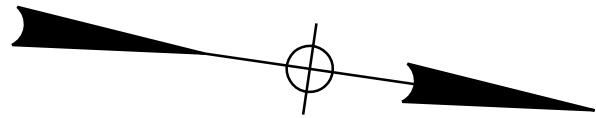
ITEM 609.35 - CURB TYPE 5 - CIRCULAR		
PT. TO PT.	RADIUS	LENGTH
26 TO 29	2.0'	6.2'
27 TO 28	2.9'	9.4'
30 TO 35	2.0'	6.0'
31 TO 32	25.0'	4.3'
33 TO 34	2.0'	6.2'

STA 300+00 =
STA 62+82.00



CONTROL POINTS				
POINT	STATION	OFFSET	X CORD.	Y CORD.
1	54+21.05	18.96 LT	892924.85	237998.25
2	54+84.83	19.38 LT	892911.18	238060.54
3	55+39.26	19.73 LT	892899.52	238113.71
4	56+90.00	21.00 LT	892866.95	238260.90
5	56+97.19	21.00 LT	892865.46	238267.93
6	57+61.00	21.00 LT	892852.20	238330.35
7	58+23.21	21.00 LT	892839.27	238391.20
8	58+45.00	21.00 LT	892834.74	238412.52
9	59+48.80	21.00 LT	892814.00	238514.78
10	59+53.25	25.87 LT	892808.39	238518.30
11	59+56.06	31.26 LT	892802.58	238520.12
12	59+57.02	35.44 LT	892798.30	238520.33
13	59+56.75	52.48 LT	892781.59	238516.99
14	62+12.68	21.00 LT	892777.60	238777.99
15	63+70.51	21.00 LT	892765.50	238935.72
16	64+15.93	21.00 LT	892762.15	238981.02
17	64+60.72	21.00 LT	892758.85	239025.69
18	64+77.46	21.00 LT	892757.62	239042.38
19	65+20.90	20.54 LT	892754.87	239085.74
20	66+11.00	18.54 LT	892750.23	239175.73
21	66+79.43	18.69 LT	892745.03	239243.97
22	67+65.00	18.51 LT	892738.90	239329.32
23	54+25.00	17.75 RT	892959.93	238009.74
24	55+37.05	17.67 RT	892936.56	238119.33
25	56+18.86	19.42 RT	892921.28	238199.71
26	55+54.96	2.00 LT	892913.61	238132.75
27	55+96.99	2.93 LT	892903.96	238173.67
28	55+96.99	2.93 RT	892909.70	238174.89
29	55+54.96	2.00 RT	892917.52	238133.59

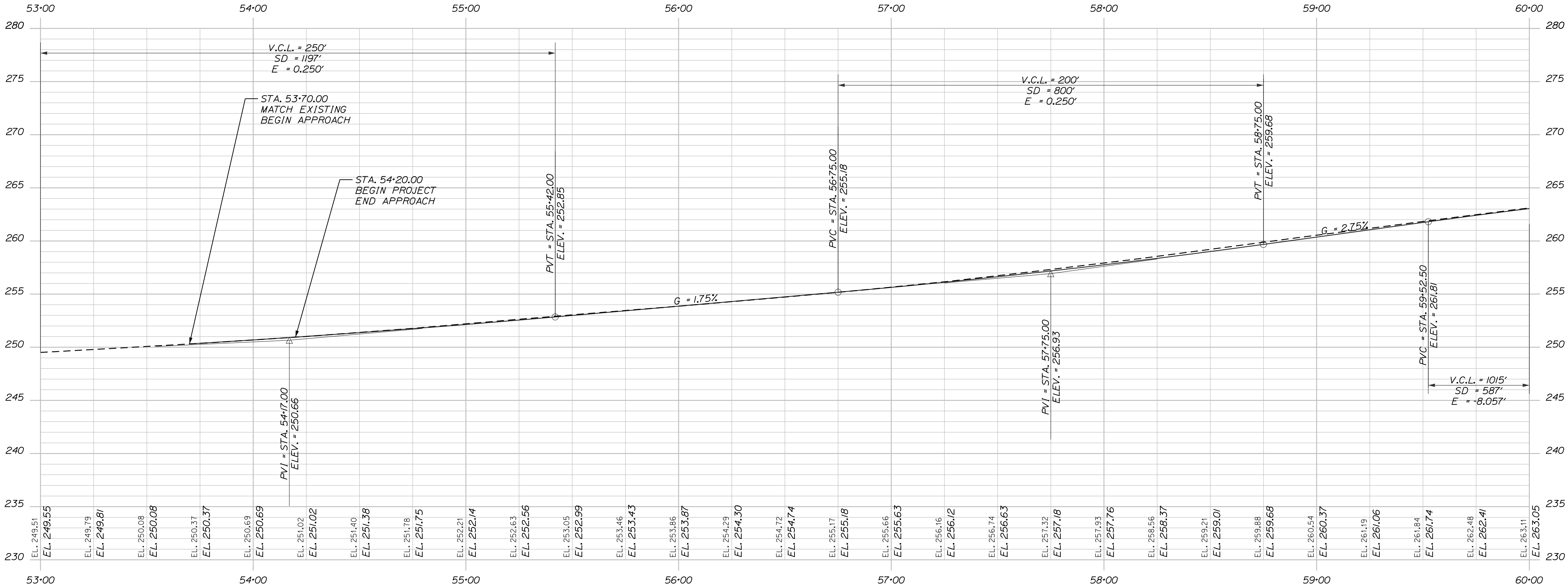
CONTROL POINTS				
POINT	STATION	OFFSET	X CORD.	Y CORD.
30	65+17.38	0.63 RT	892776.24	239083.79
31	65+45.74	3.62 LT	892769.91	239111.76
32	65+50.00	3.89 LT	892769.33	239115.99
33	66+35.03	2.00 LT	892764.95	239200.93
34	66+35.03	2.00 RT	892768.94	239201.22
35	65+17.72	4.61 RT	892780.18	239084.42
36	300+66.39	15.00 LT	892724.95	238832.12
37	300+92.44	15.00 LT	892696.99	238837.86
38	301+24.14	15.00 LT	892664.88	238851.02
39	301+50.00	15.00 LT	892641.10	238866.42
40	301+50.00	15.00 RT	892659.44	238890.15
41	301+27.82	15.00 RT	892676.12	238879.08



PROJ. MANAGER	D. COOMBS	BY	DATE
CHECKED-REVIEWED	AMS ECF	BMR AC	1/14/2025 1/14/2025
DESIGNS-DETAILED			
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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GEOMETRICS PLAN
(2 OF 2)



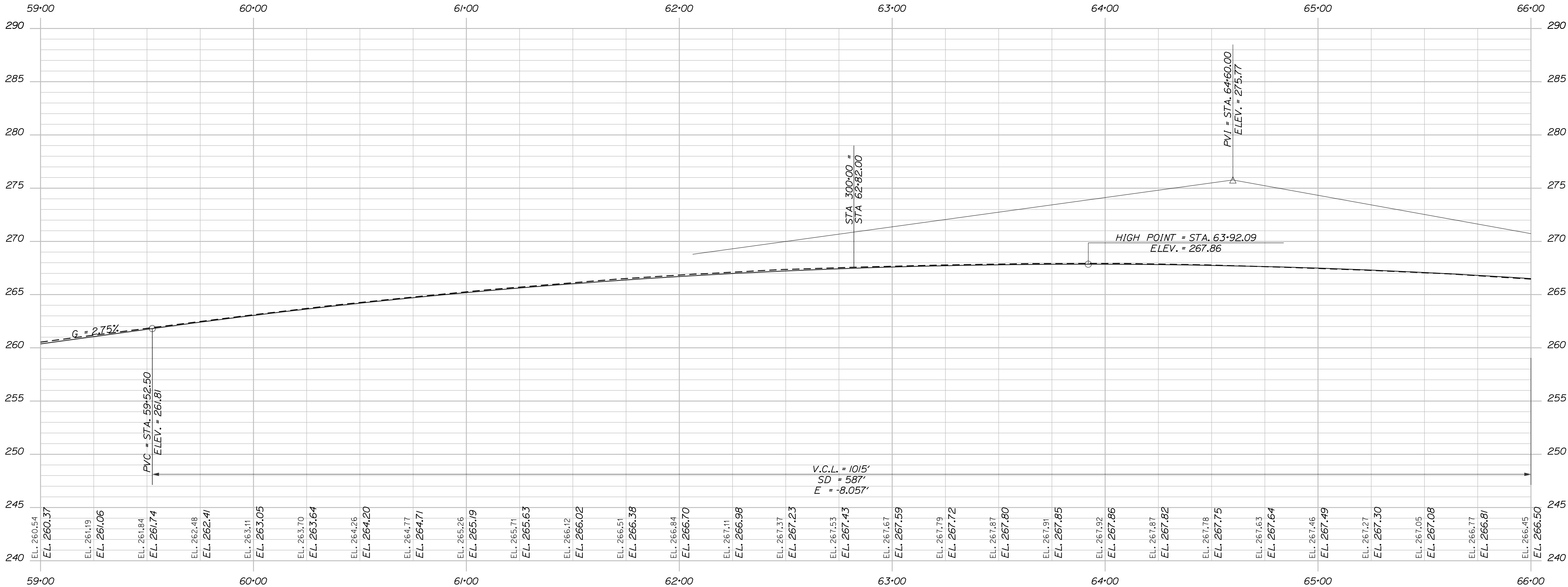
PROFILE



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	AMS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
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FIELD CHANGES			

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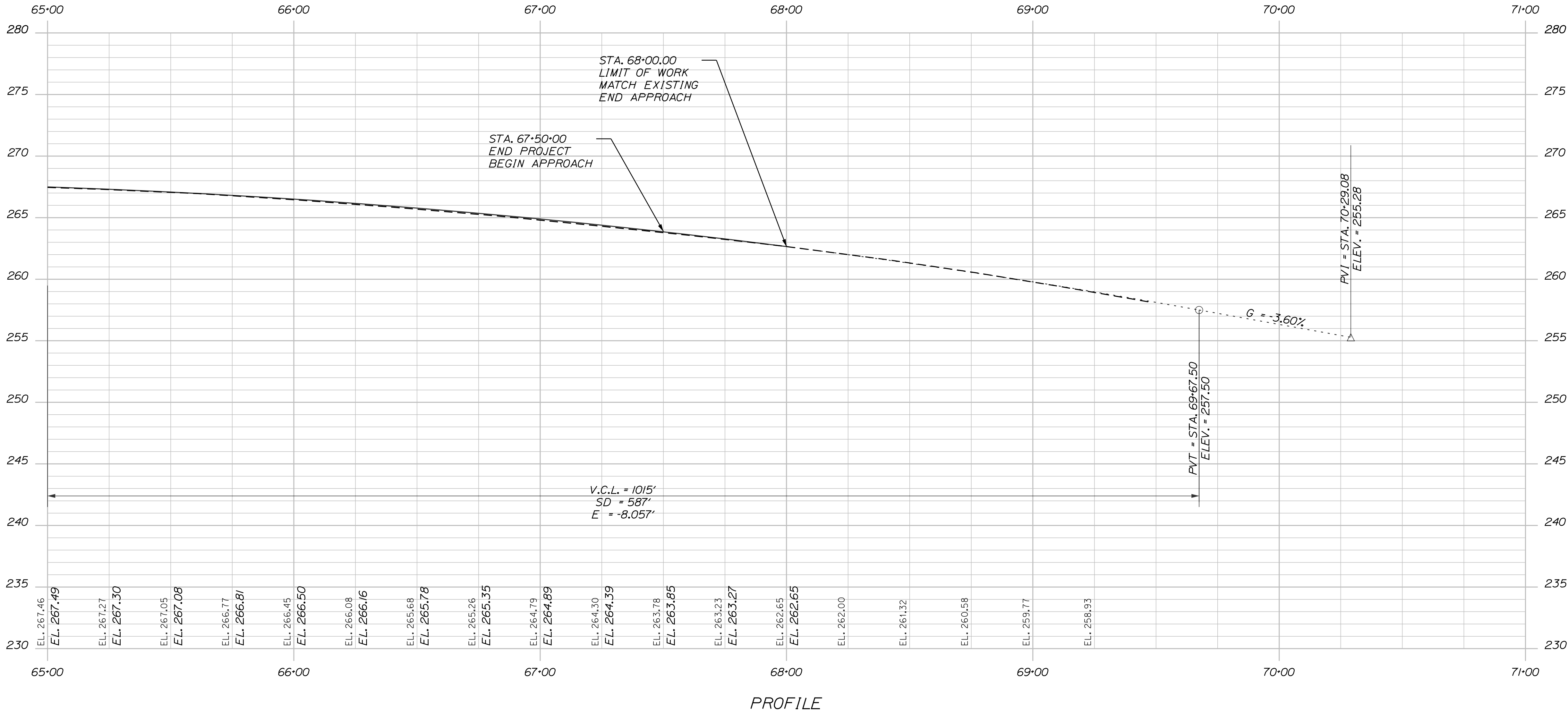
PROFILE (1 OF 4)



PROFILE



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	AMS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
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DESIGN-DETAILED			
REVISIONS 1			
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FIELD CHANGES			



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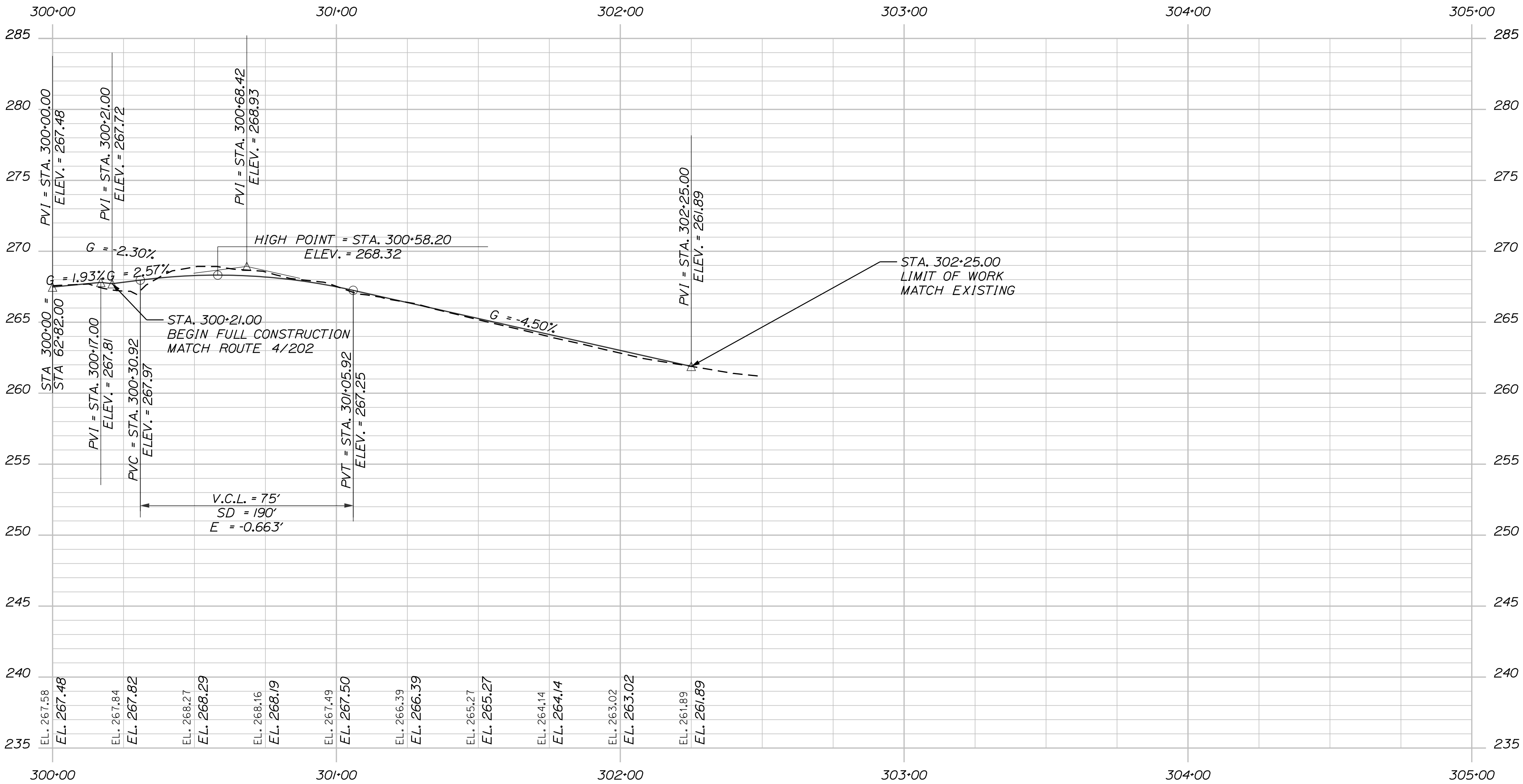
HIGHWAY PLANS

PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	AMS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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PROFILE (3 OF 4)

SHEET NUMBER
19
OF 46



PROFILE

PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	ANS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AS	1/14/2025
DESIGN-DETAILED			
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REVISIONS 2			
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FIELD CHANGES			

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ROUTE 4/202 & GORE RD

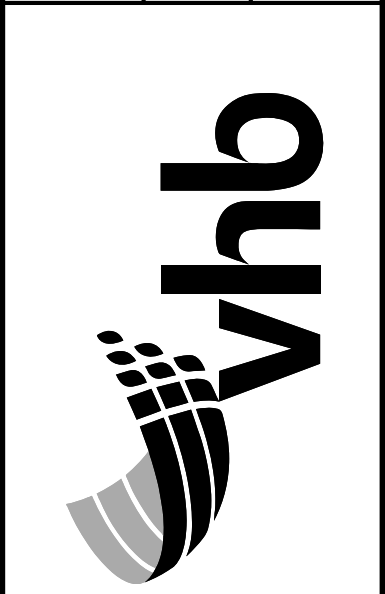
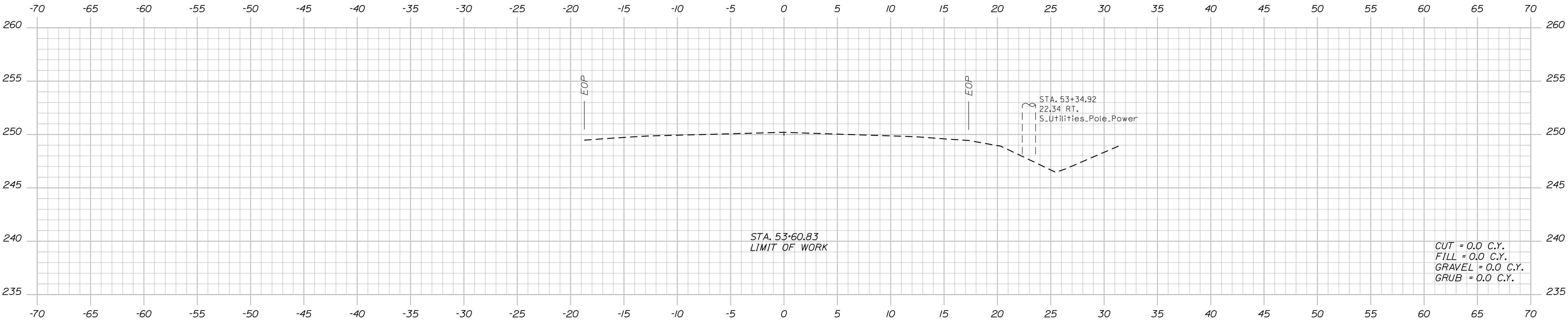
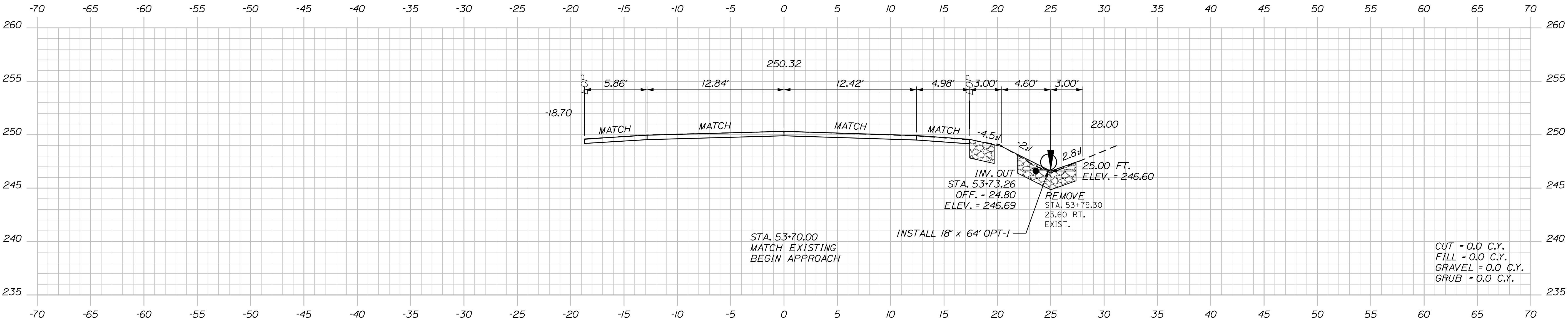
PROFILE (4 OF 4)

Date:1/14/2025

Username: osiegel

Division: HIGHWAY

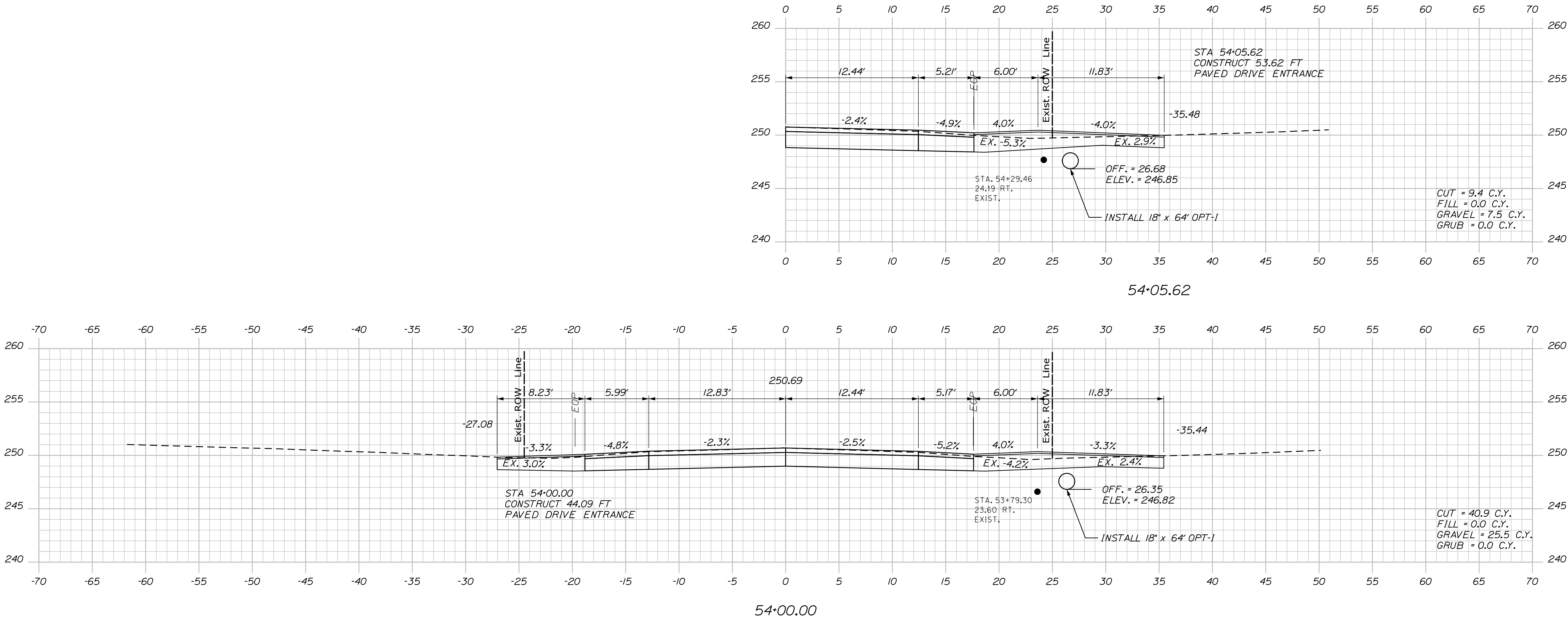
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PROJ. MANAGER	D. COOMBS	BY	DATE
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CHECKED-REVIEWED	ECF	AS	1/14/2025
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

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CROSS SECTIONS



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	LAHS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
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FIELD CHANGES			

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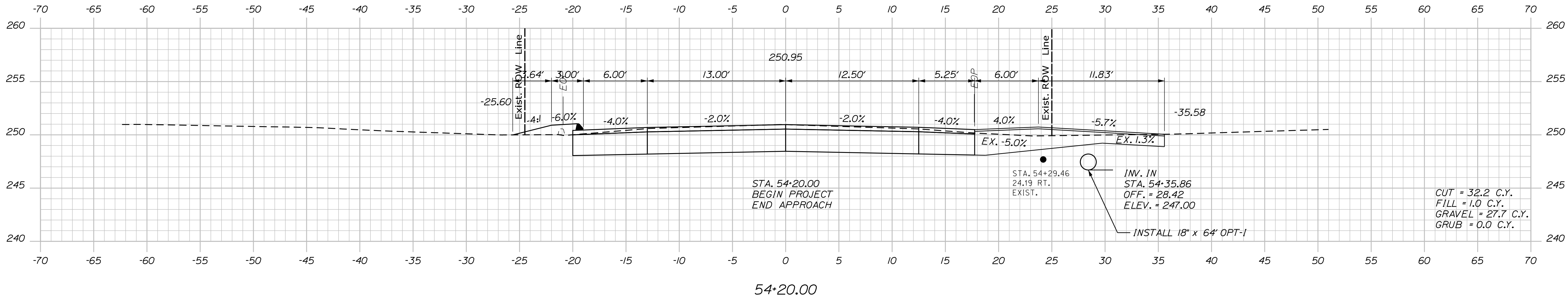
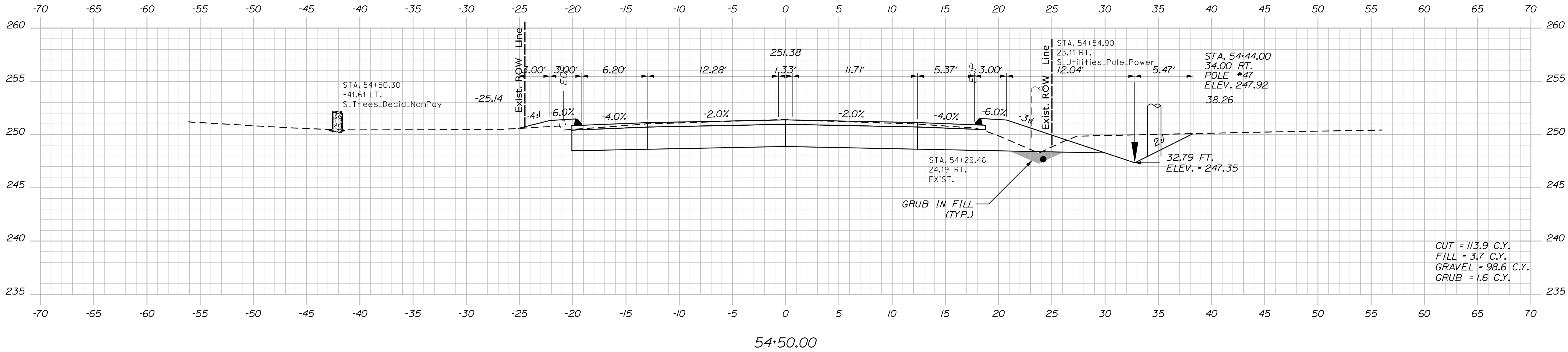
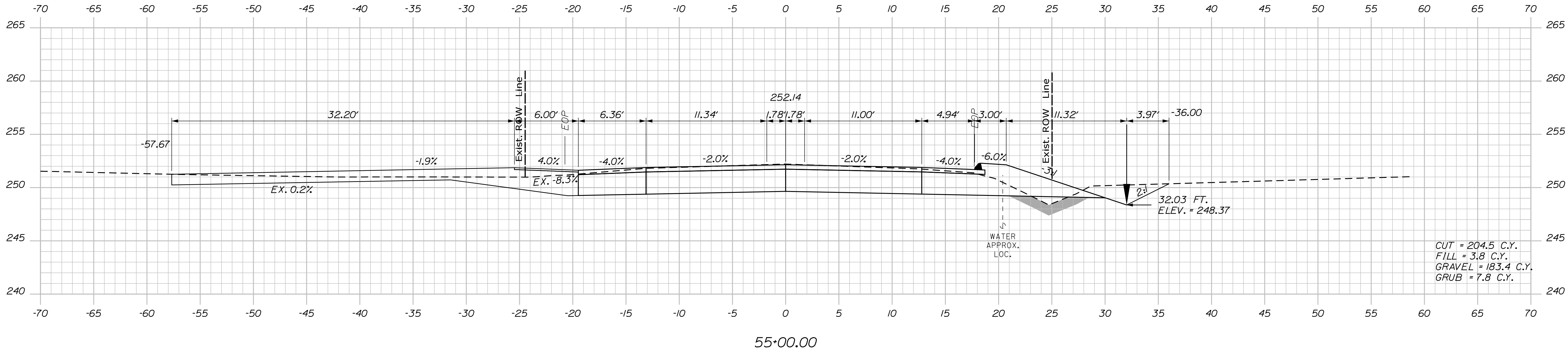
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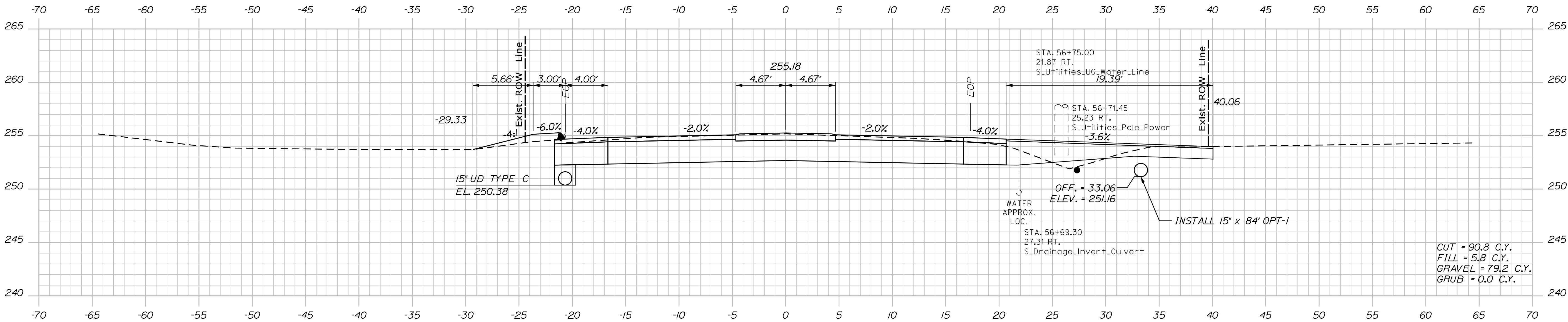
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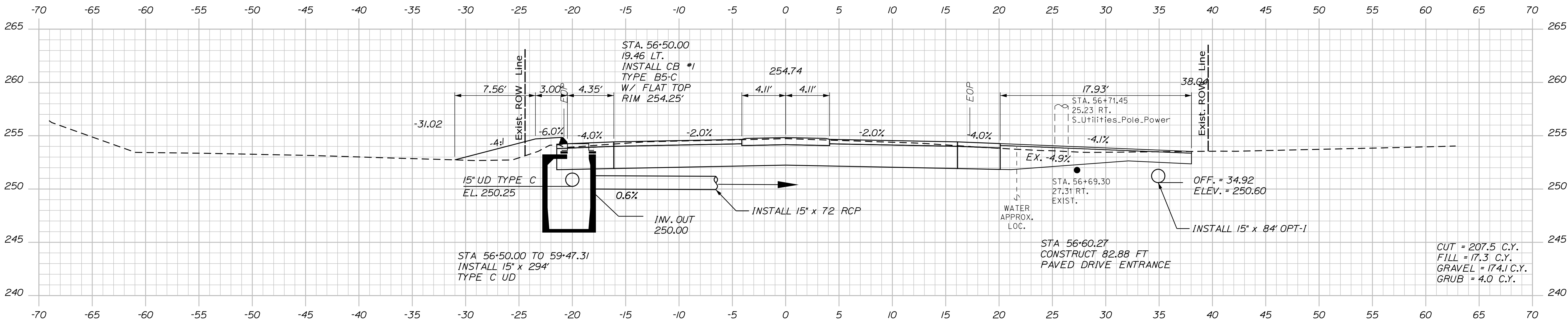


PROJ. MANAGER	D. COOMBS	BY	DATE
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CHECKED-REVIEWED	ECF	AG	1/14/2025
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CROSS SECTIONS



56+75.00

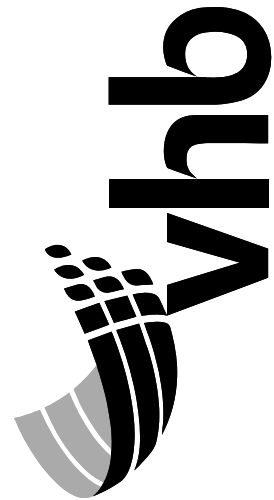
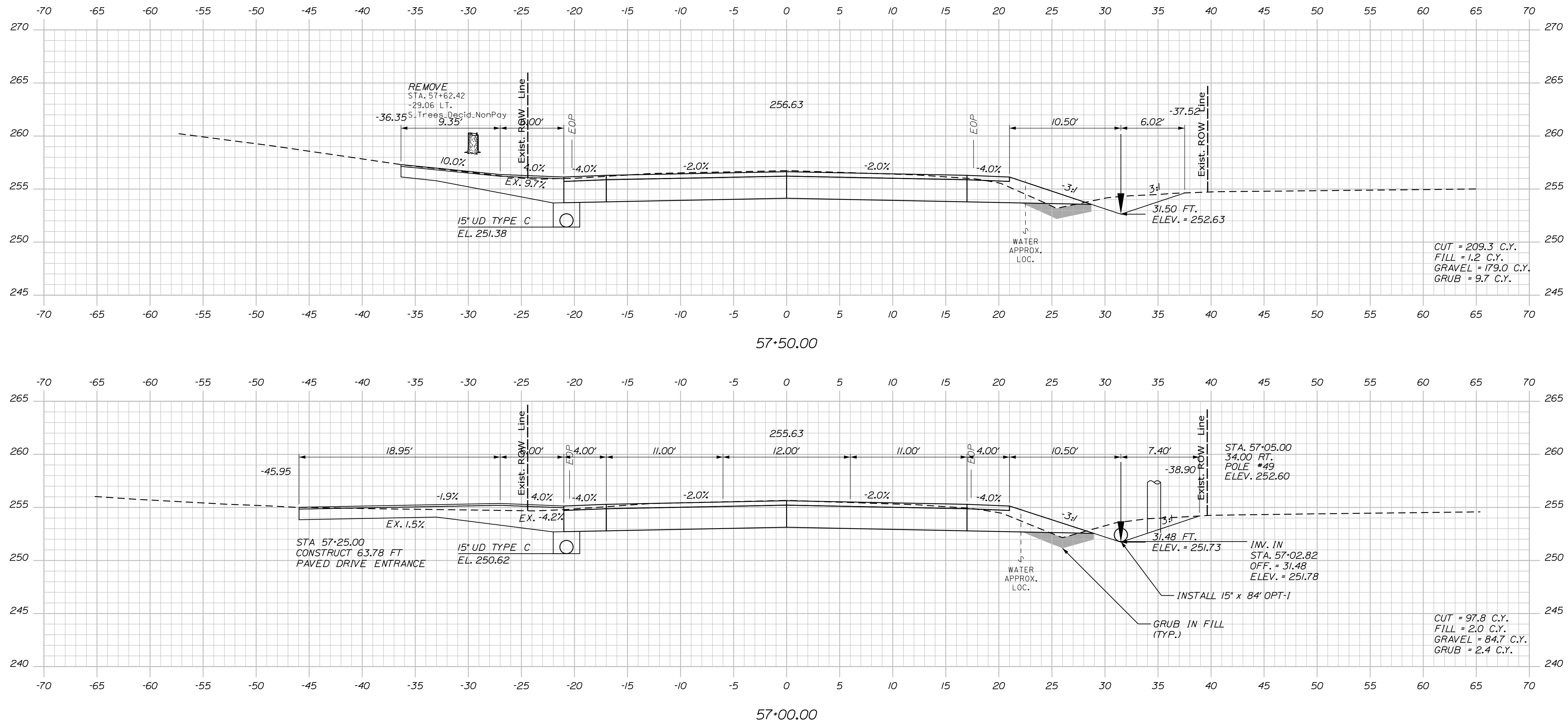


56+50.00



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	LAHS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
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FIELD CHANGES			

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CROSS SECTIONS



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGNED-DTAILED	AHS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
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ALFRED
 ROUTE 4/202 & GORE RD
 CROSS SECTIONS

SHEET NUMBER

26

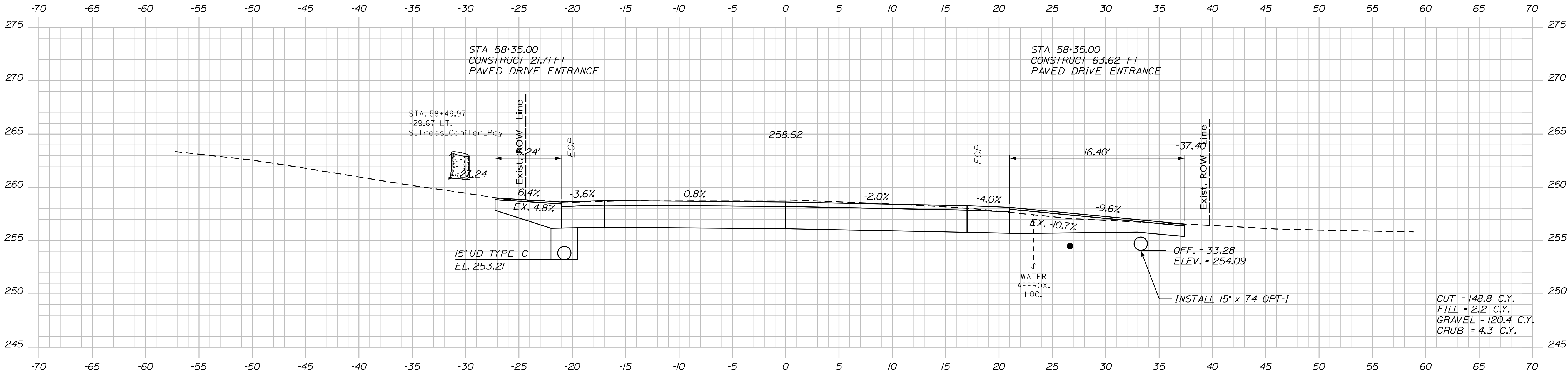
OF 46

Date:1/14/2025

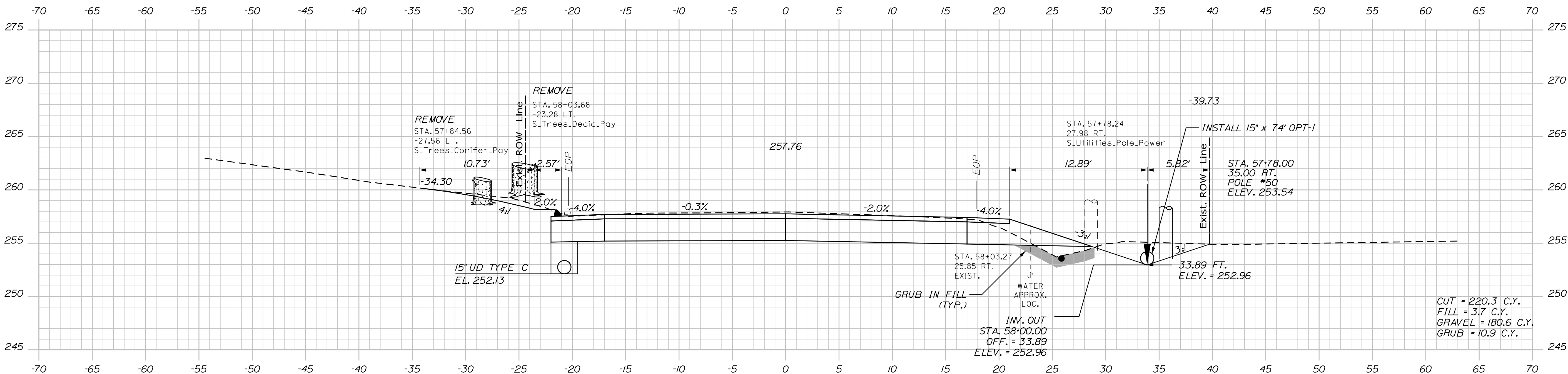
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58+35.00



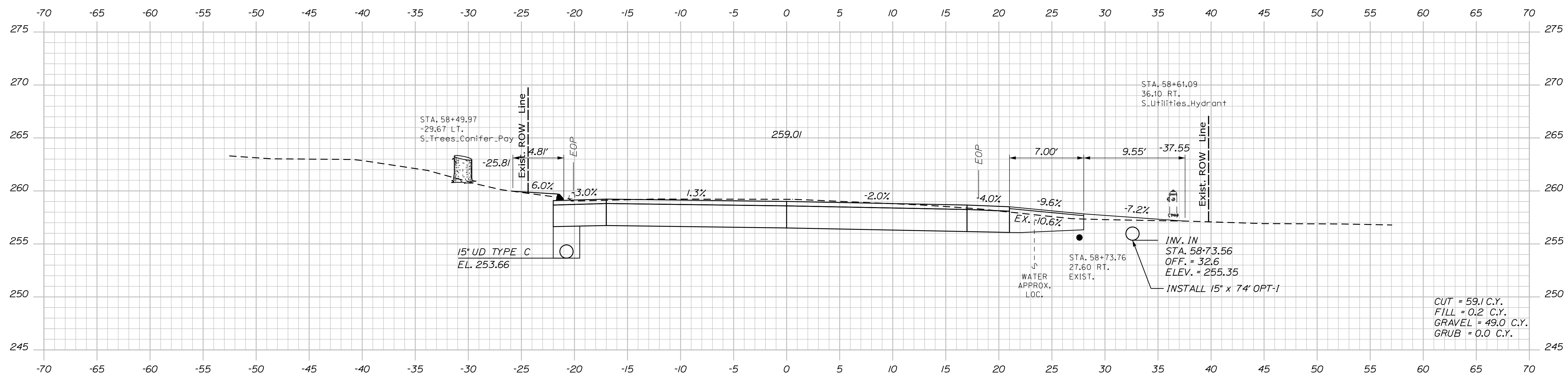
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PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	JHS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
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FIELD CHANGES			

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CROSS SECTIONS

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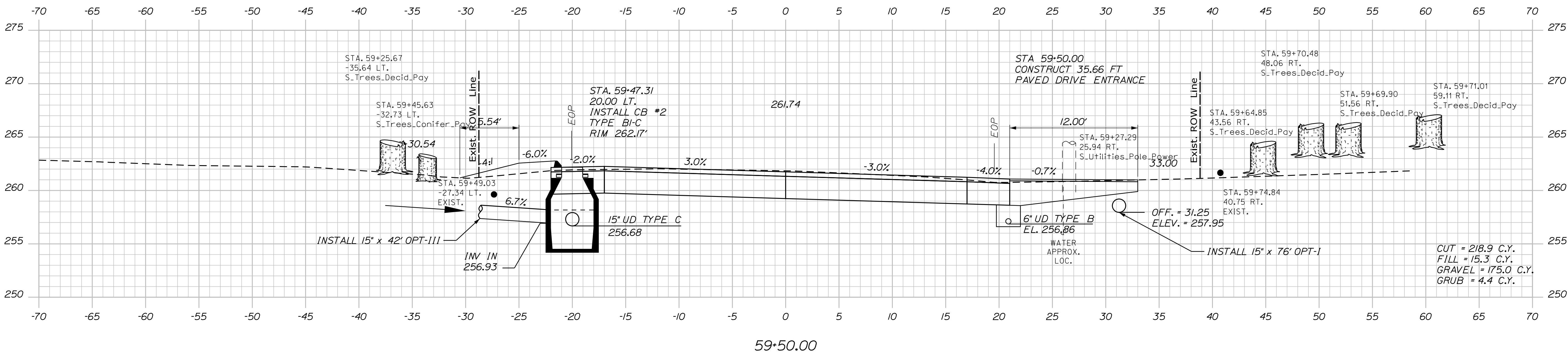
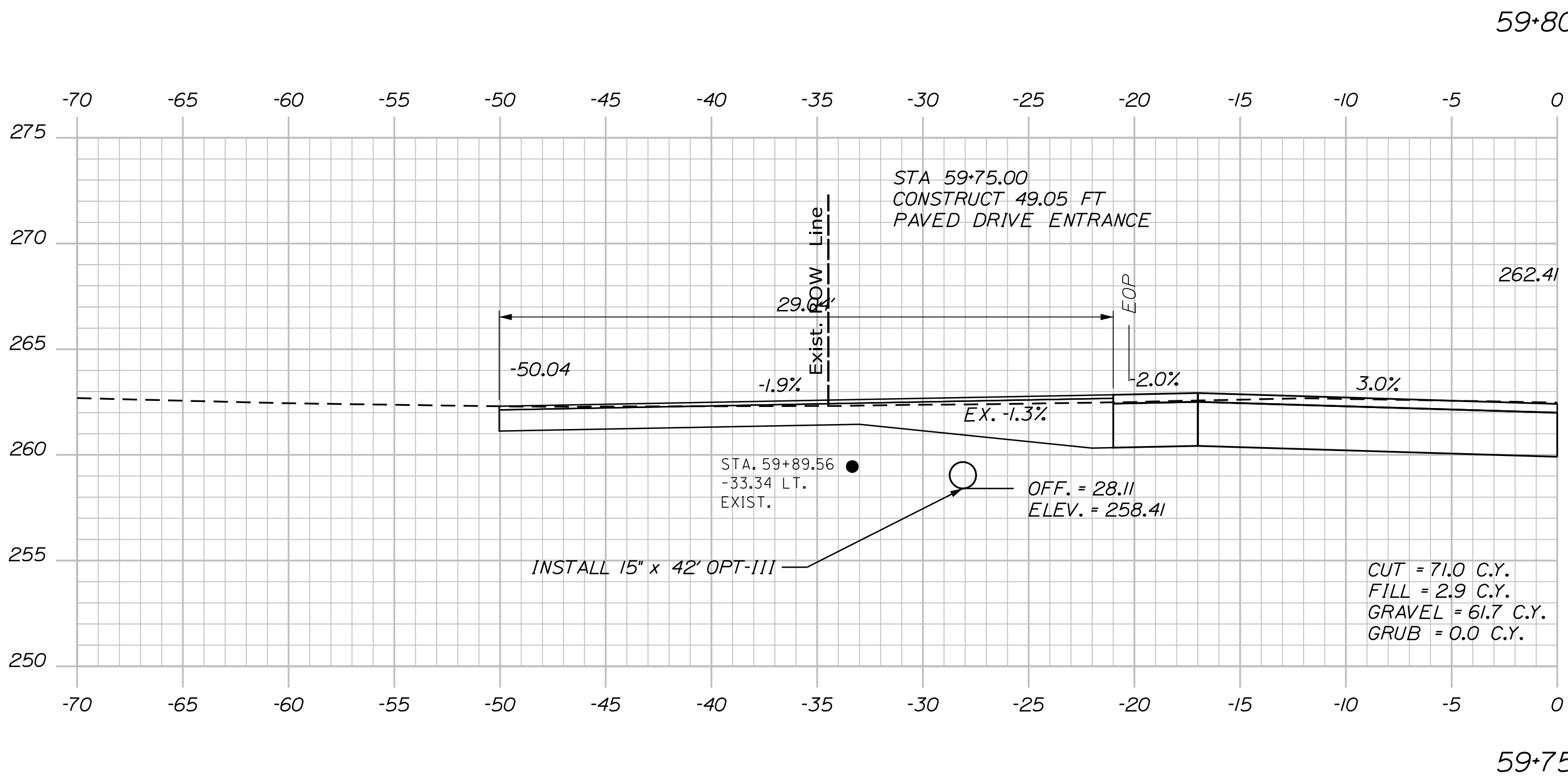


Date:1/14/2025

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Division: HIGHWAY

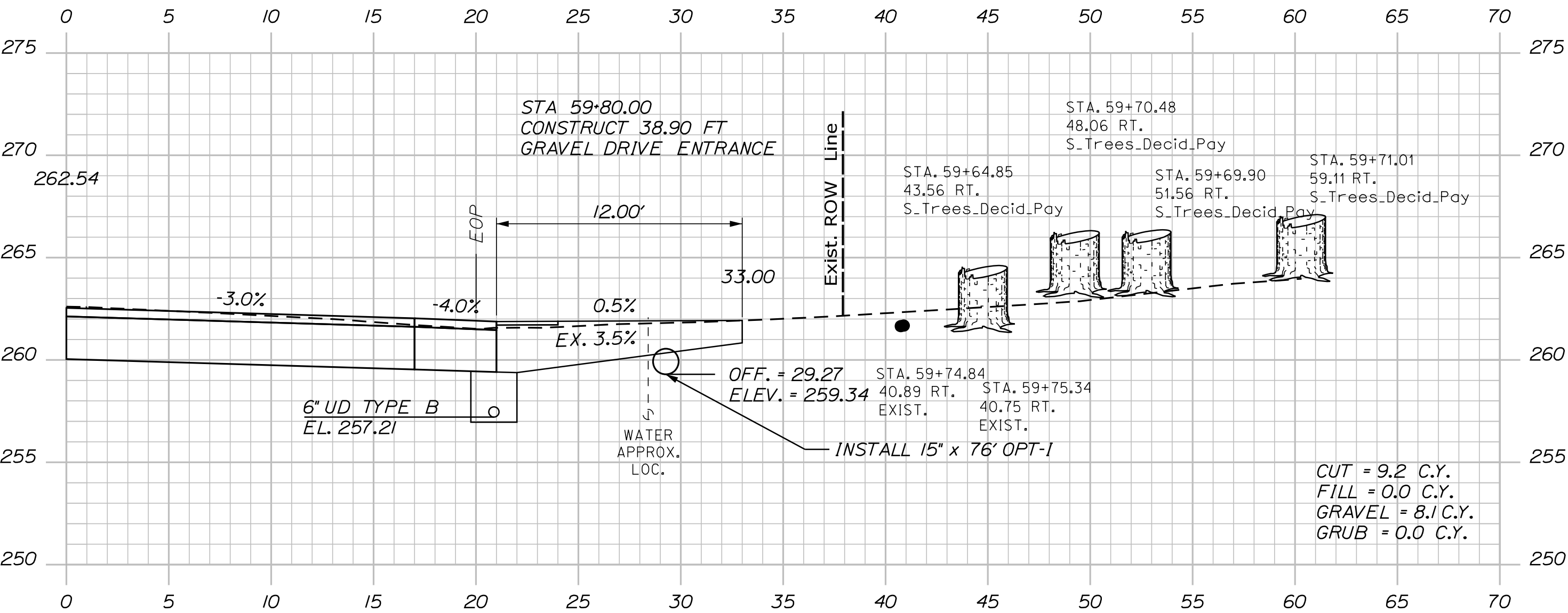
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59+80.00

59+75.00

59+50.00



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HIGHWAY PLANS

PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	LAUS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AC	1/14/2025
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
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ROUTE 4/202 & GORE RD

CROSS SECTIONS

SHEET NUMBER

29

OF 46

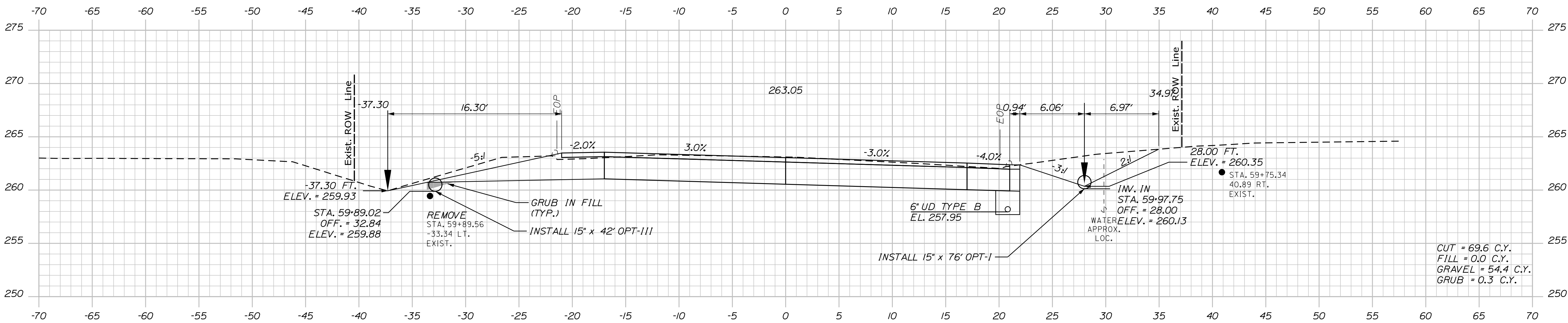
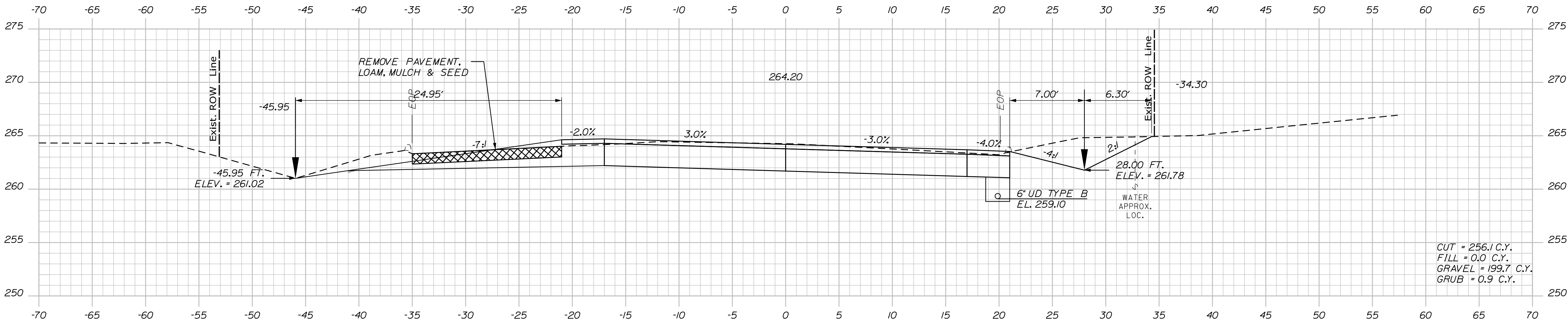
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Date:1/14/2025

Username: osiegel

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\012_Xsect.dgn



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	LHS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
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FIELD CHANGES			

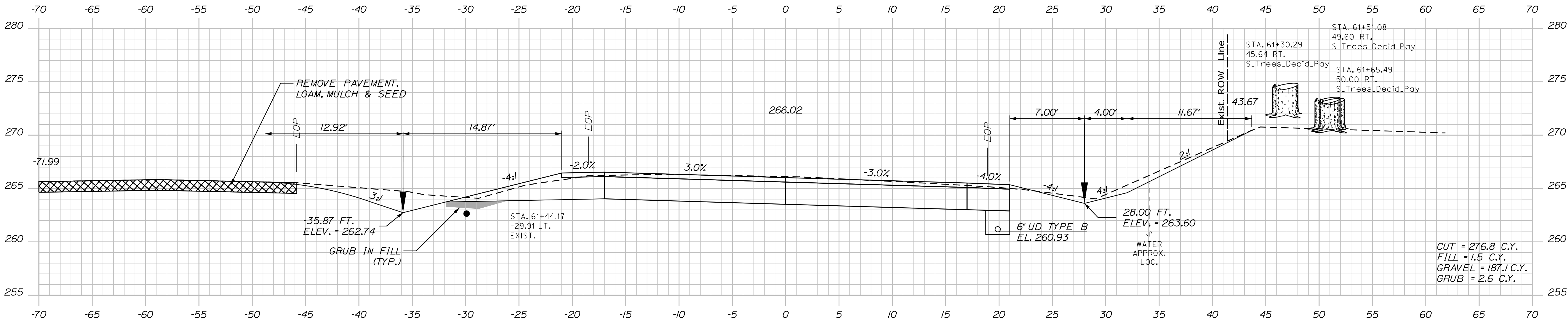
ALFRED
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CROSS SECTIONS

Date:1/14/2025

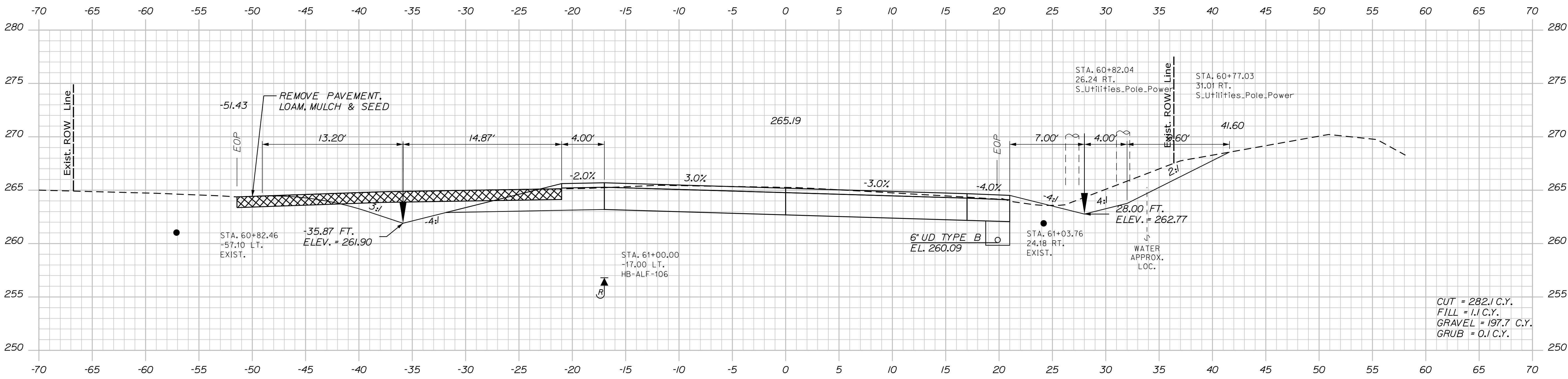
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61+50.00

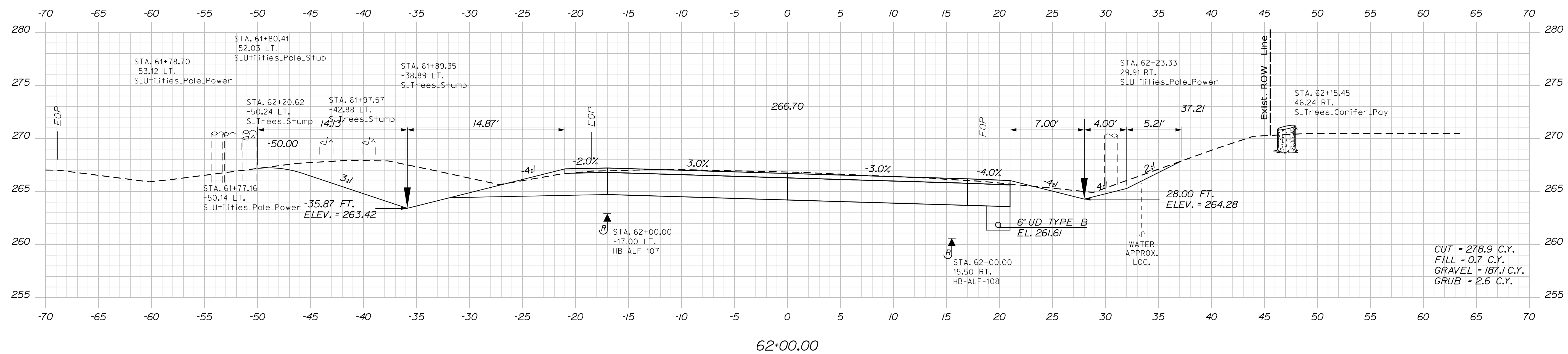
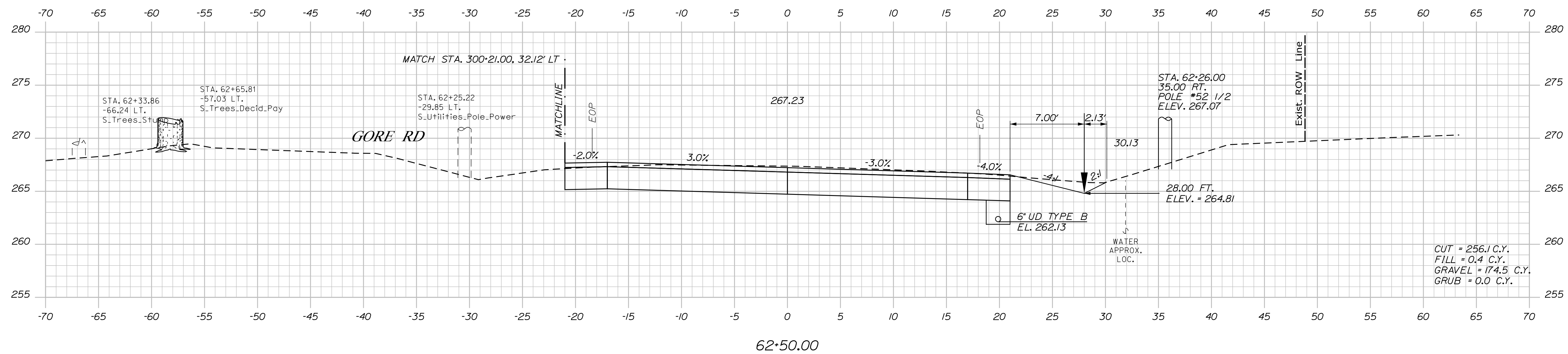
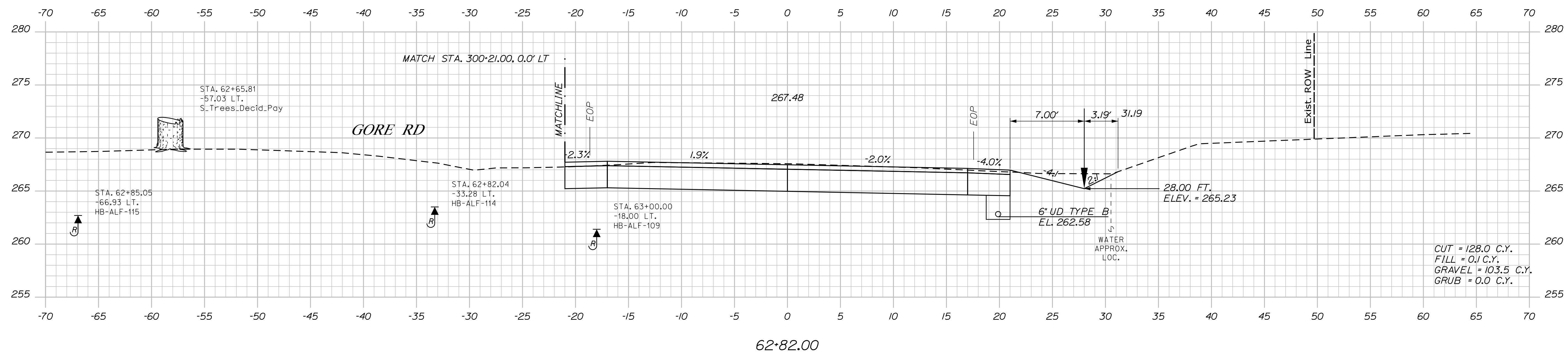


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PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	LAHS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
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ROUTE 4/202 & GORE RD
CROSS SECTIONS

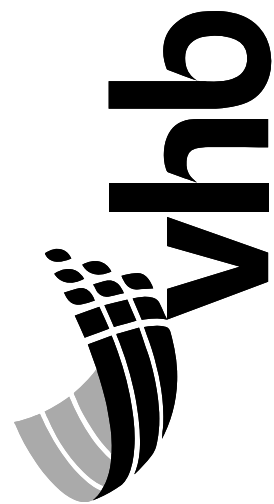


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HIGHWAY PLANS



PROJ. MANAGER	D. COOMBS	BY	DATE
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CHECKED-REVIEWED	ECF	AC	1/14/2025
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ALFRED
ROUTE 4/202 & GORE RD

CROSS SECTIONS

SHEET NUMBER

32

OF 46

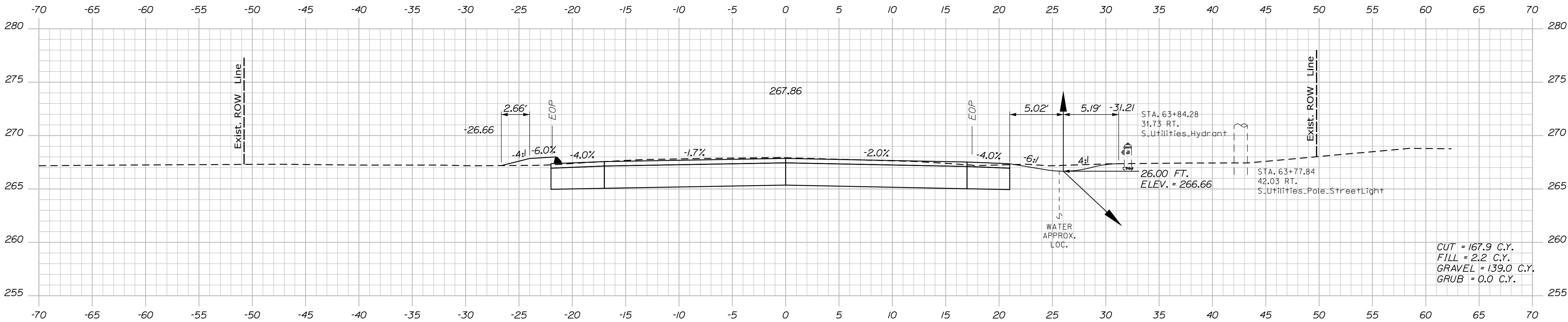
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Date:1/14/2025

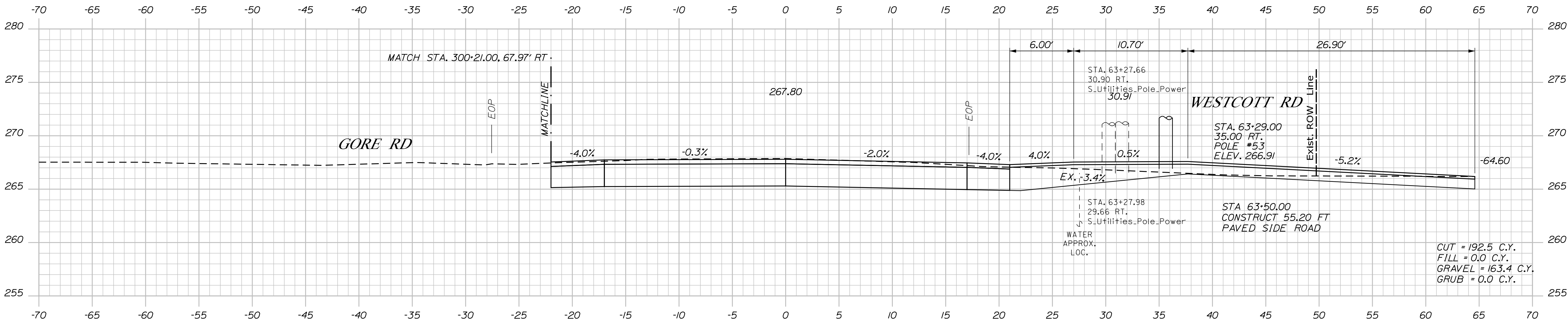
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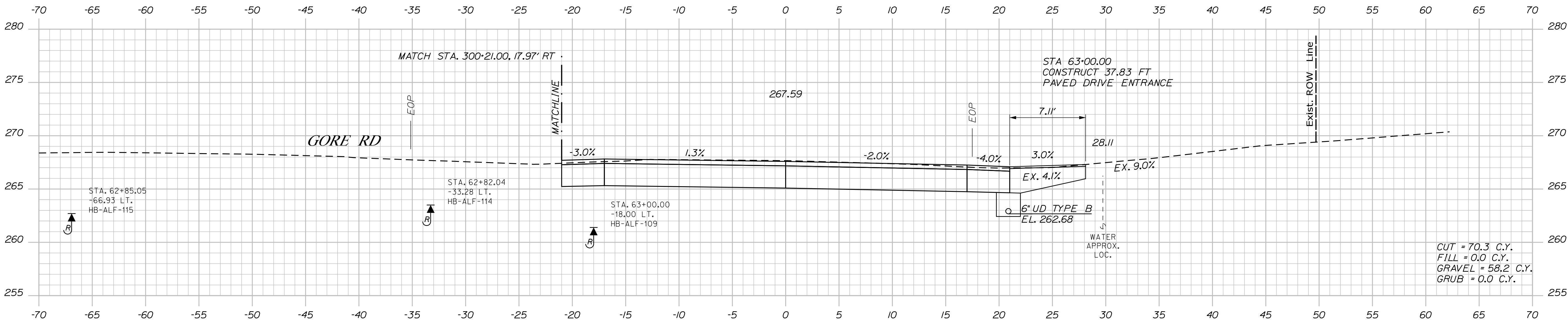
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63+00.00



PROJ. MANAGER	D. COOMBS	BY	DATE
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CHECKED-REVIEWED	ECF	AG	1/14/2025
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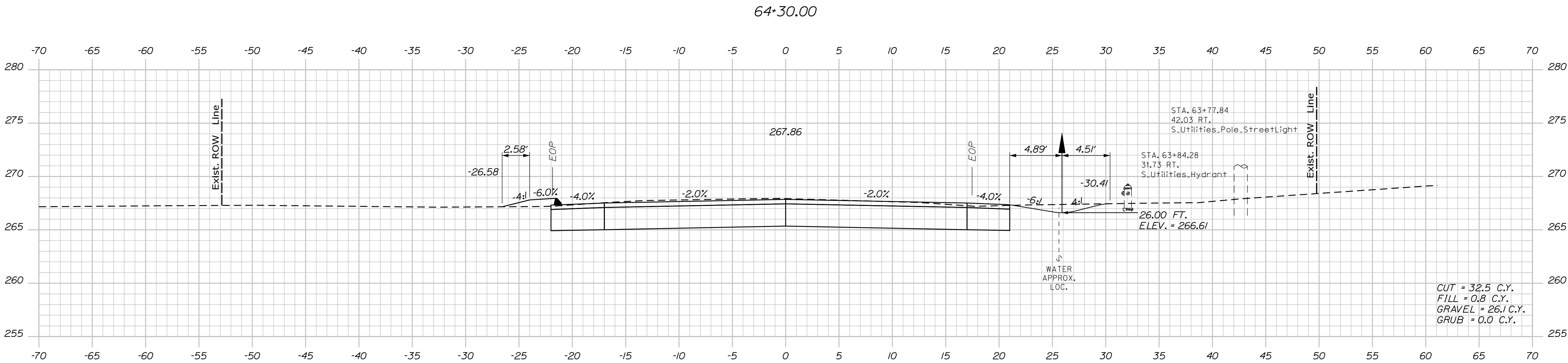
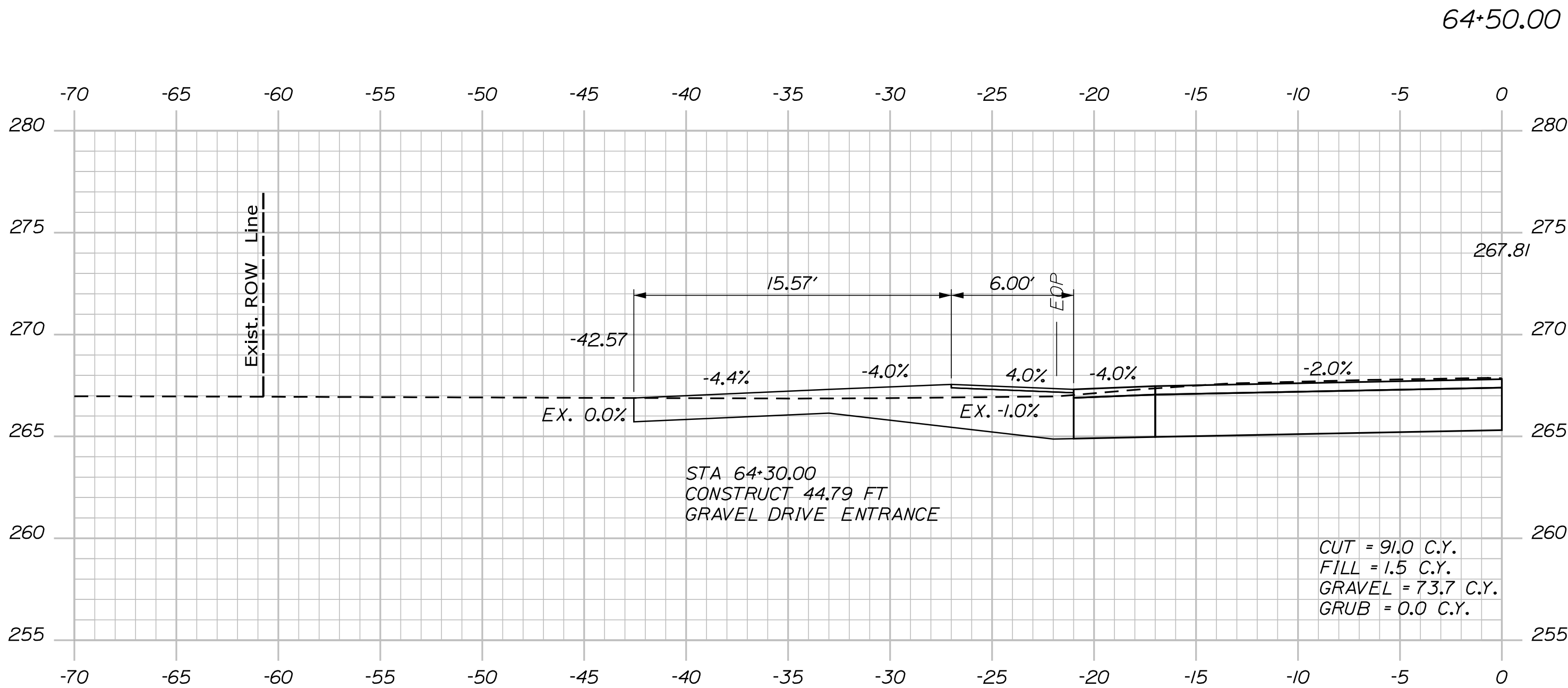
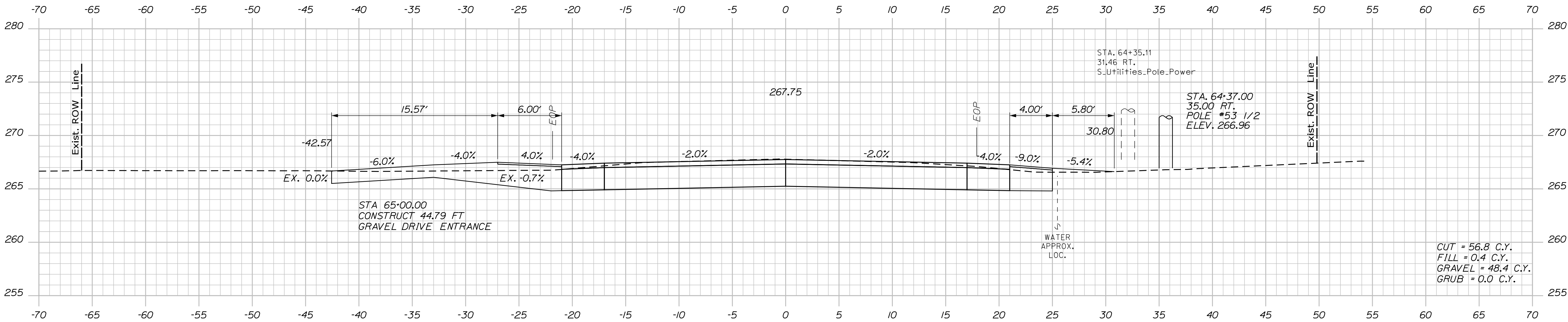
ALFRED
ROUTE 4/202 & GORE RD
CROSS SECTIONS

Date:1/14/2025

Username: osiegel

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\012_Xsect.dgn



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	ANS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
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FIELD CHANGES			

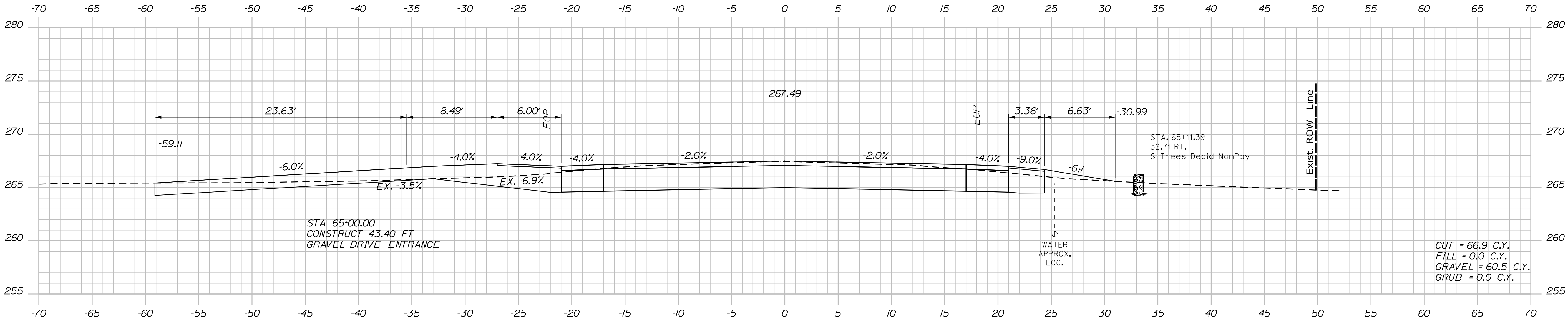
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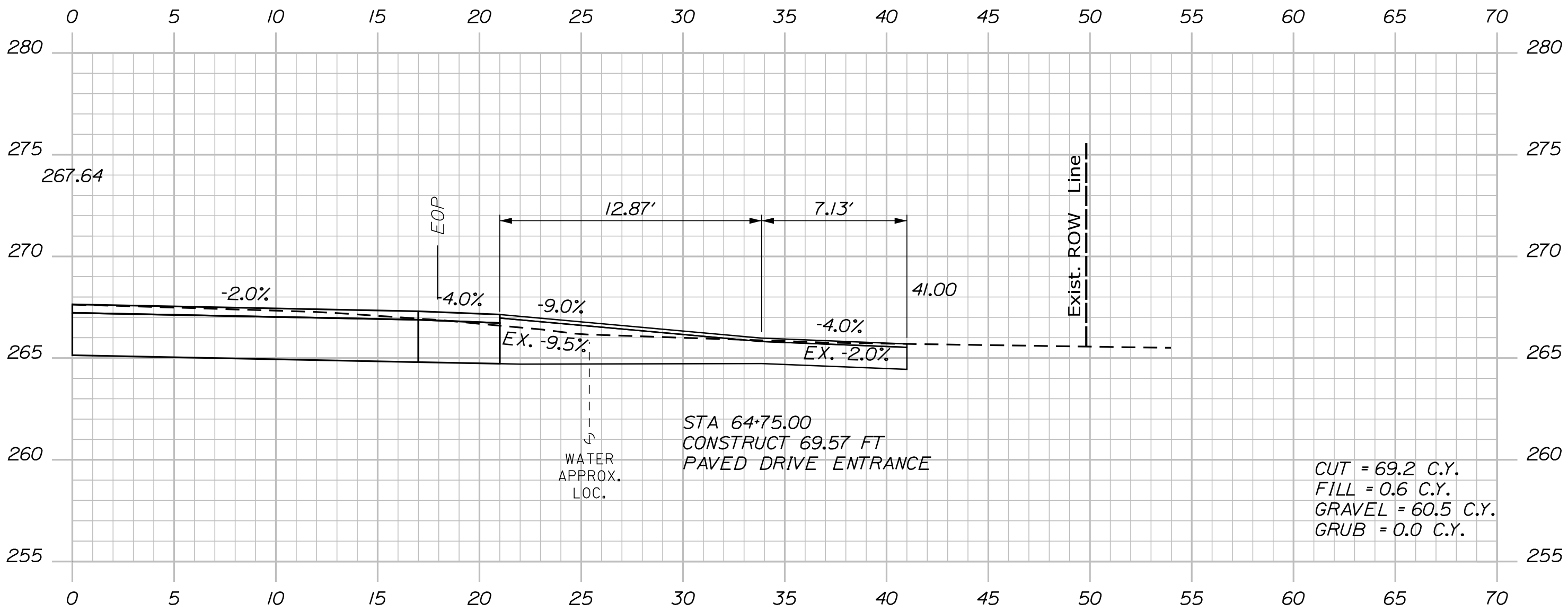
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64+75.00

Sta. 64+75.00 to Sta. 65+00.00



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HIGHWAY PLANS

PROJ. MANAGER	D. COMBS	BY	DATE
DESIGN-DETAILED	LMS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
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ALFRED
ROUTE 4/202 & GORE RD
CROSS SECTIONS

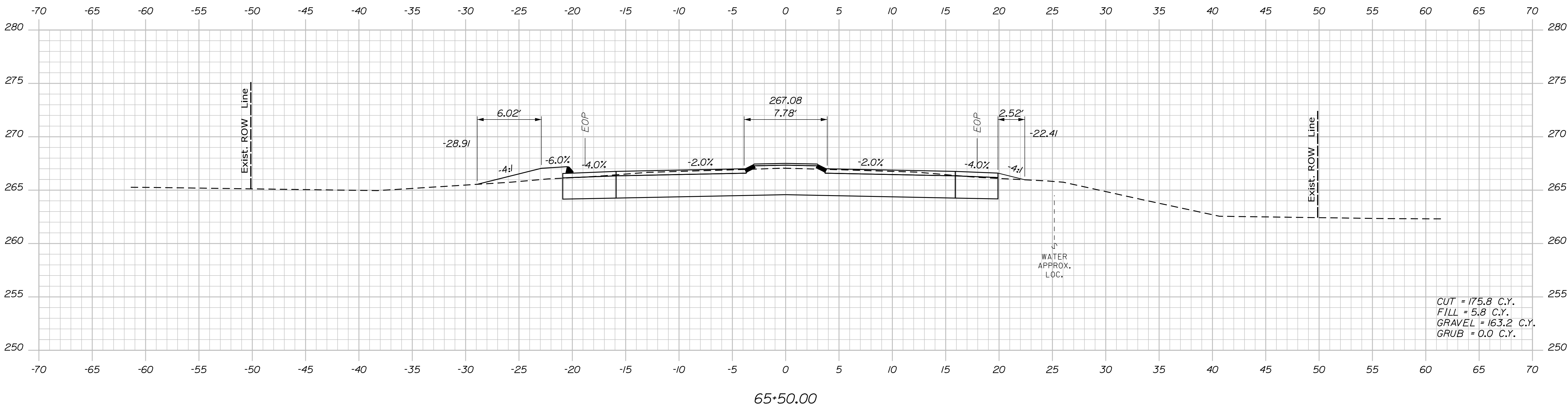
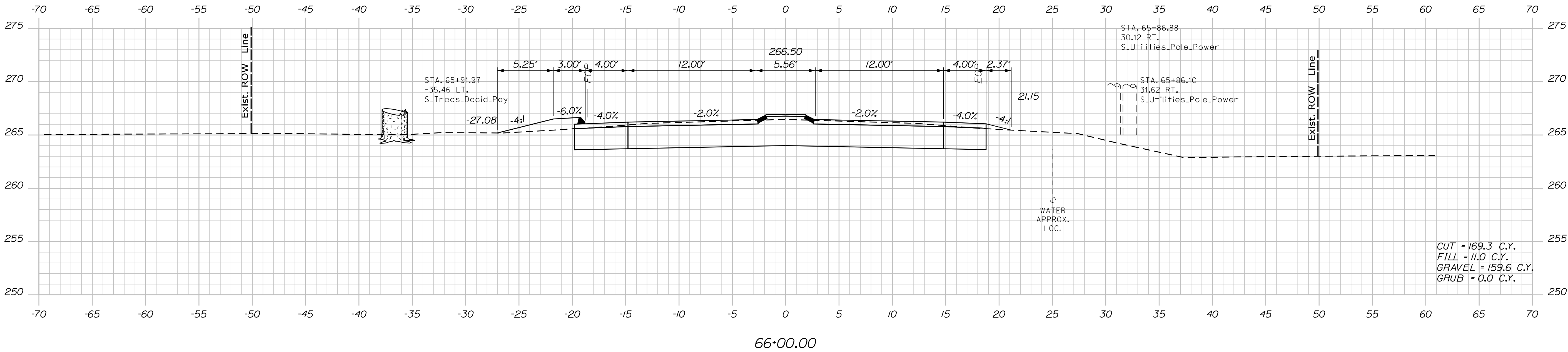
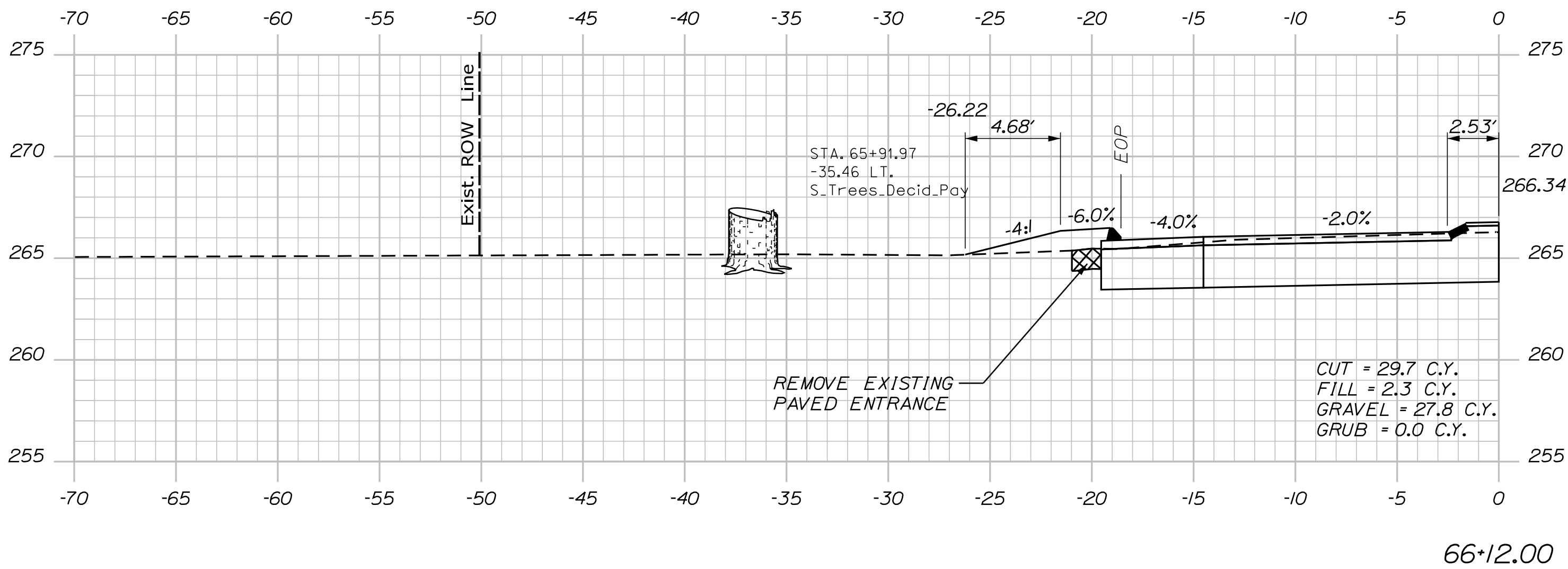
SHEET NUMBER
35
OF 46

Date:1/14/2025

Username: osiegel

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\012_Xsect.dgn



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	J.A.S.	BMR	1/14/2025
CHECKED-REVIEWED	E.C.F.	AG	1/14/2025
DESIGN-DETAILED			
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REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

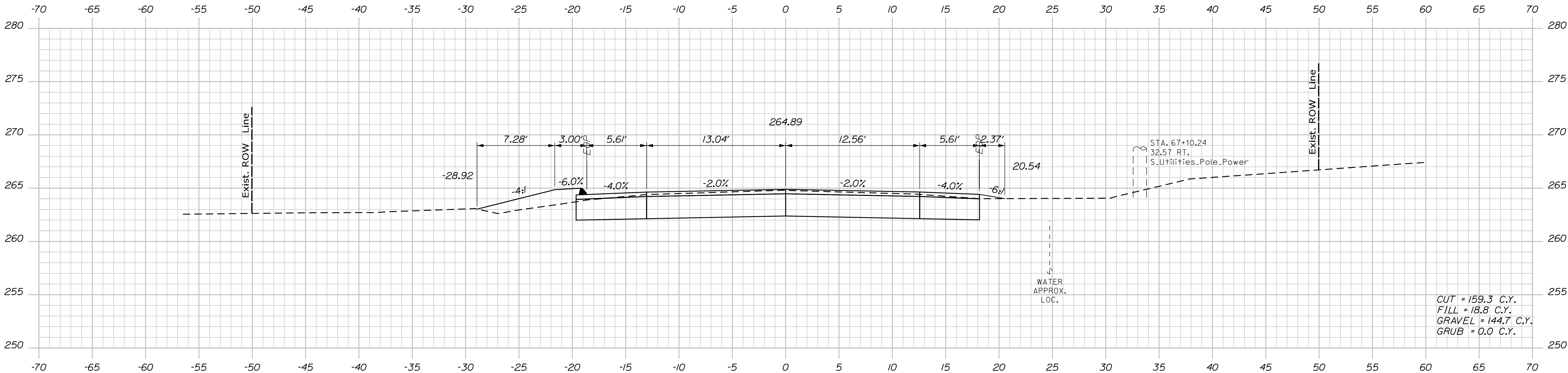
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ROUTE 4/202 & GORE RD
CROSS SECTIONS

Date:1/14/2025

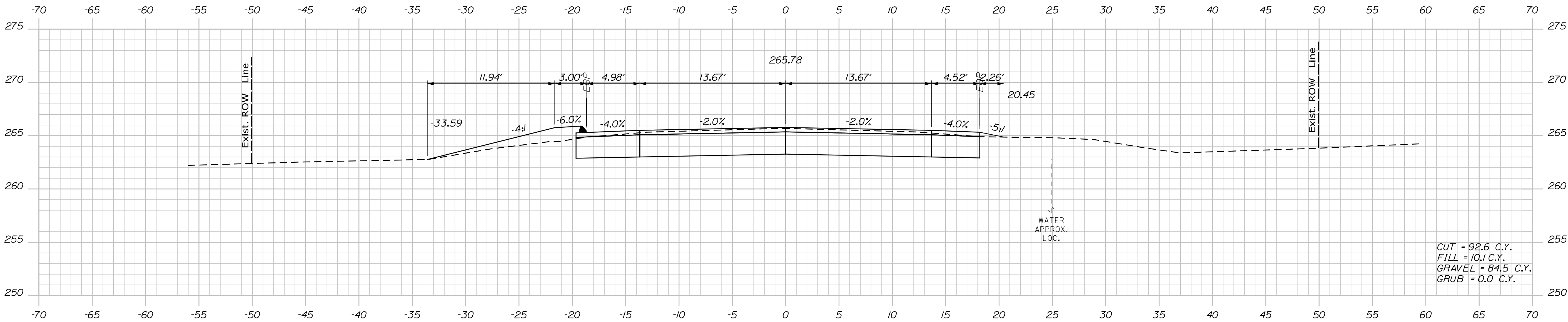
Username: osiegel

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\012_Xsect.dgn



67+00.00



66+50.00



PROJ. MANAGER	D. COOMBS	BY	DATE
CHECKED-DETAILED	AMS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
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DESIGNS-REVIEWED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

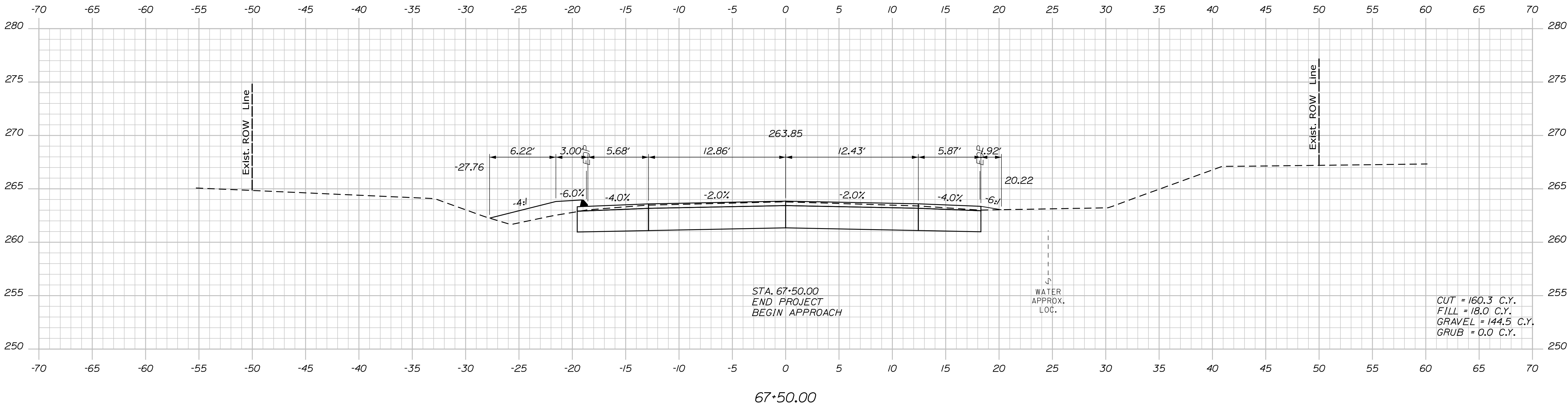
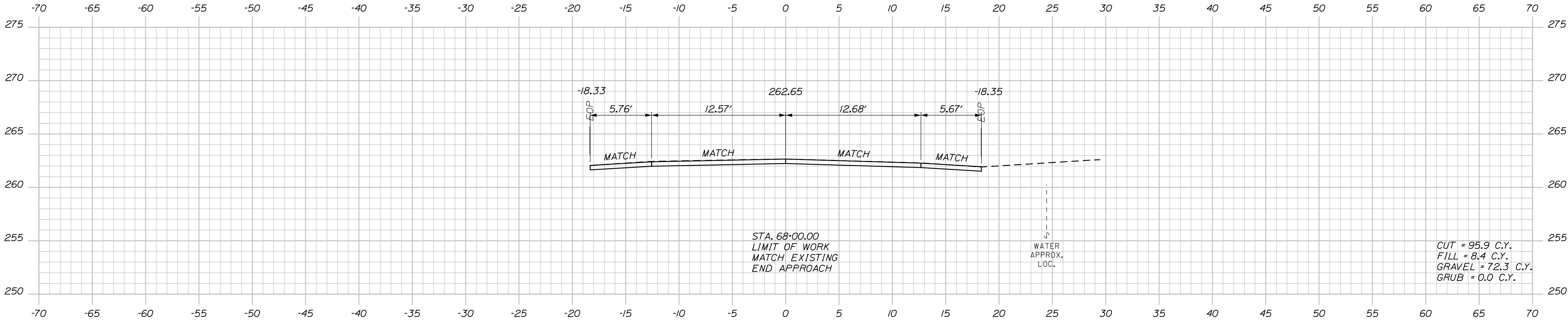
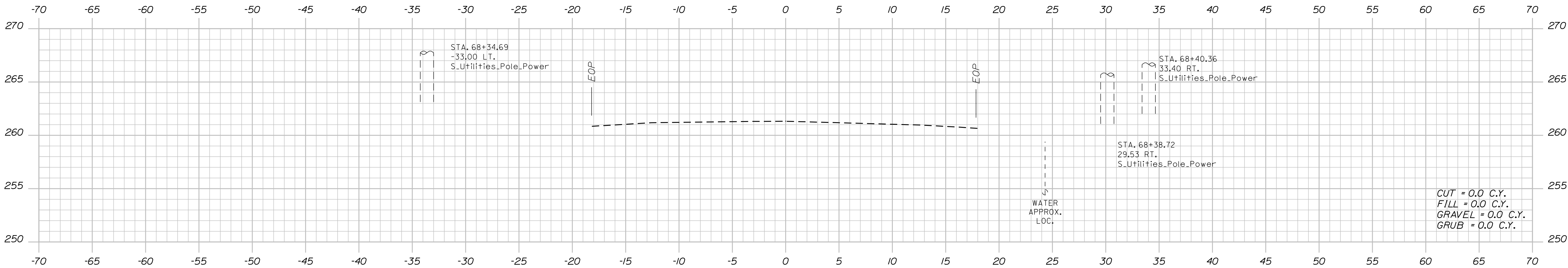
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ROUTE 4/202 & GORE RD
CROSS SECTIONS

Date:1/14/2025

Username: osiegel

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA\012_Xsect.dgn



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	AMS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
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REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ALFRED
ROUTE 4/202 & GORE RD

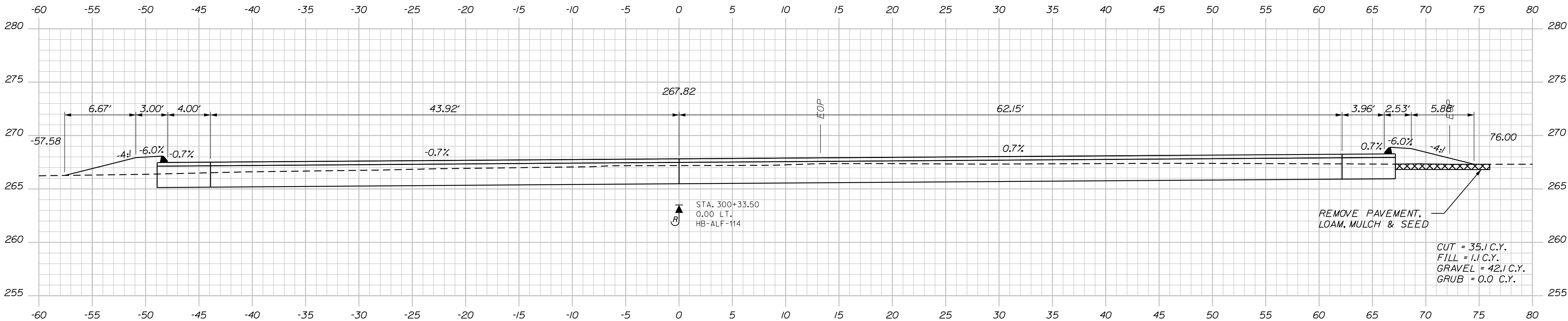
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Date:1/14/2025

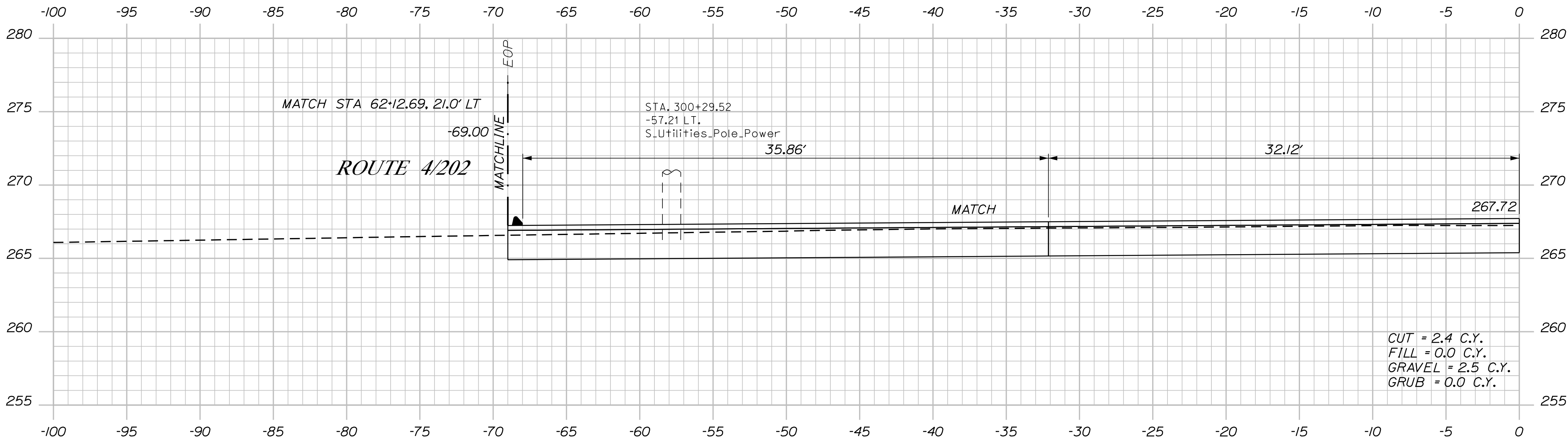
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Division: HIGHWAY

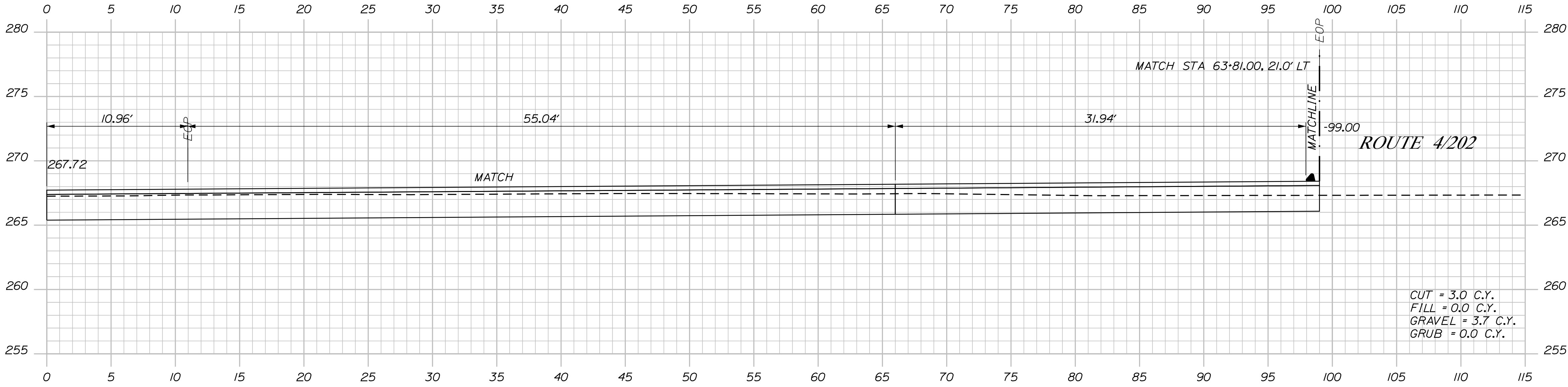
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300+25.00



300+21.00 LT



300+21.00 RT



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
2545900
WIN
025459.00
HIGHWAY PLANS

PROJ. MANAGER	D. COOMBS	BY	DATE
CHECKED-REVIEWED	ANS	BMR	1/14/2025
DESIGNS-REVIEWED	ECF	AC	1/14/2025
DESIGNS-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ALFRED
ROUTE 4/202 & GORE RD
CROSS SECTIONS

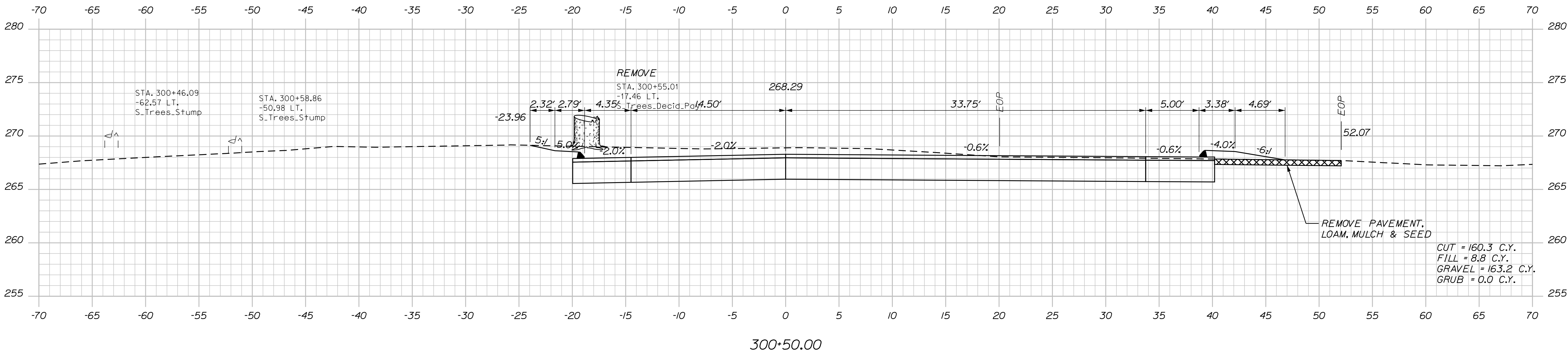
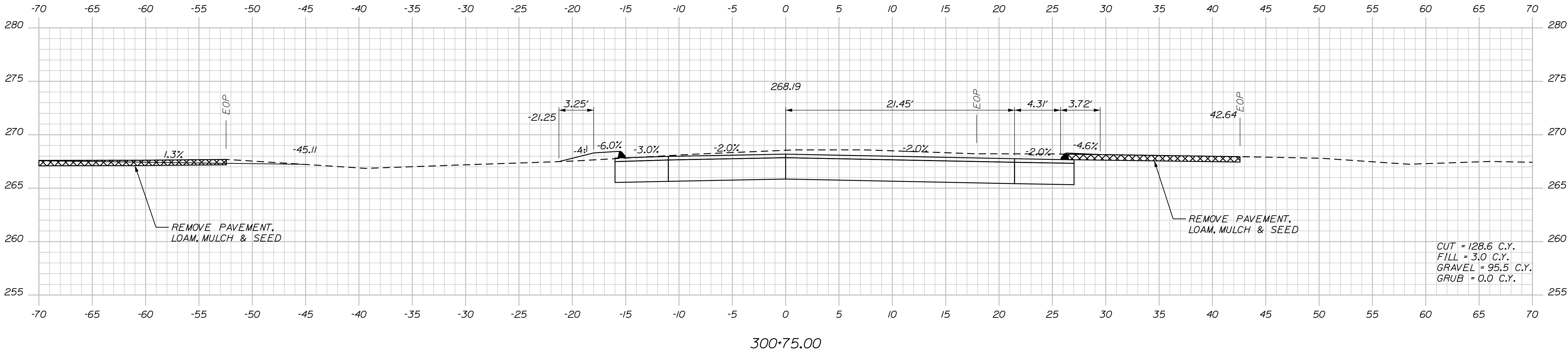
SHEET NUMBER
39
OF 46

Date:1/14/2025

Username: osiegel

Division: HIGHWAY

Filename: ... \HIGHWAY\MSTA012_Xsect.dgn



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	LAUS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

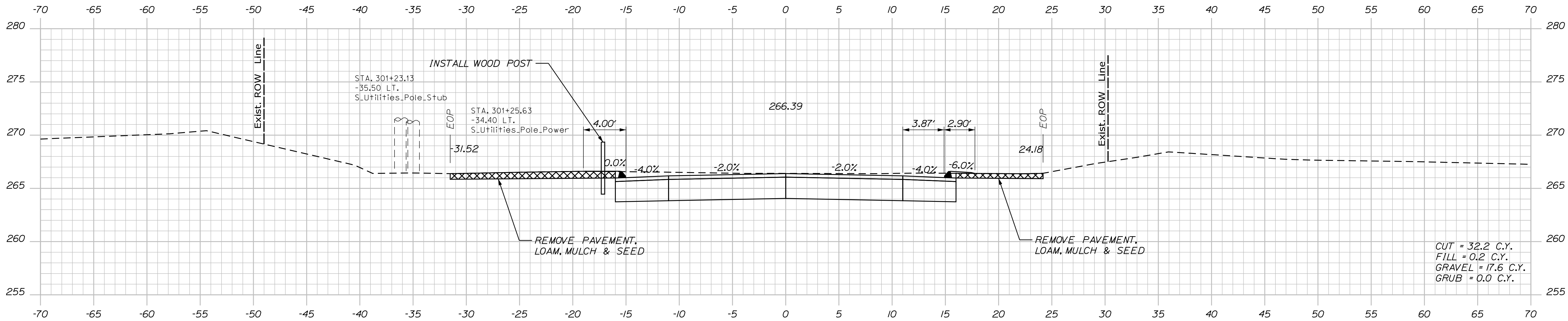
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ROUTE 4/202 & GORE RD
CROSS SECTIONS

Date:1/14/2025

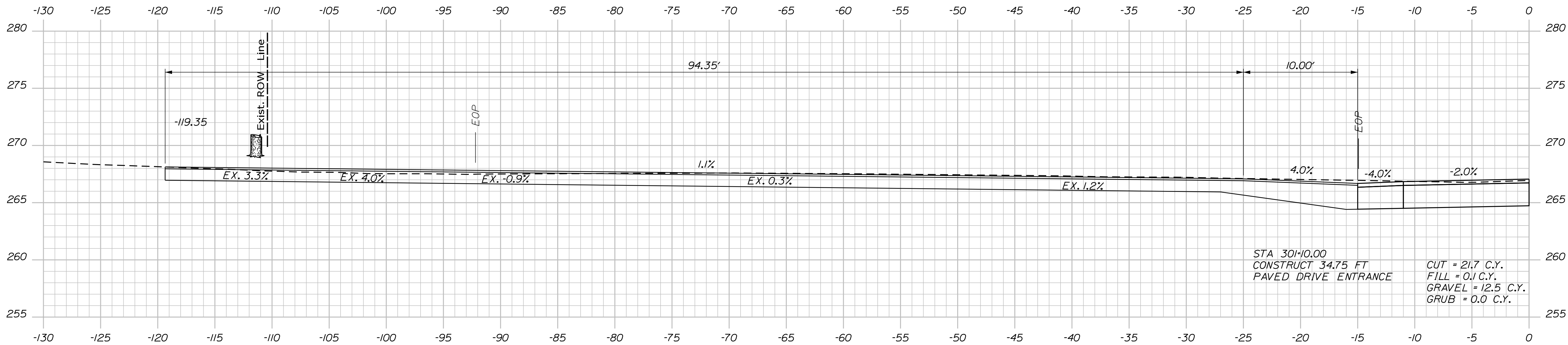
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Division: HIGHWAY

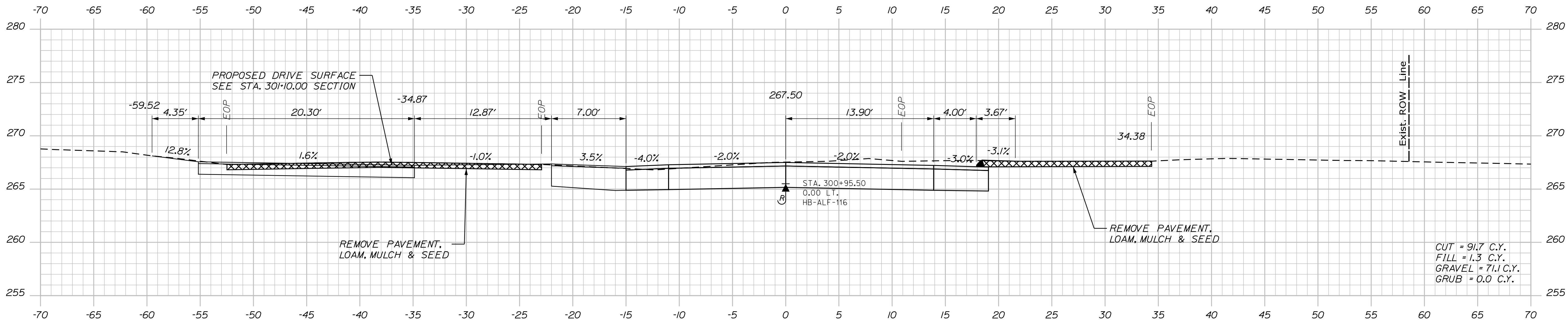
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301+25.00



301+10.00



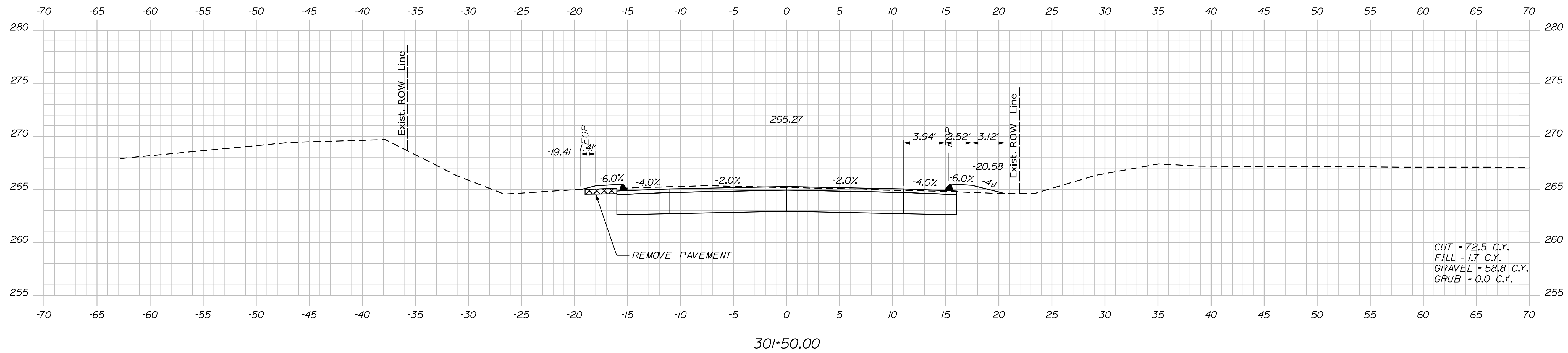
301+00.00



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	AMS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
DESIGN-DETAILED			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

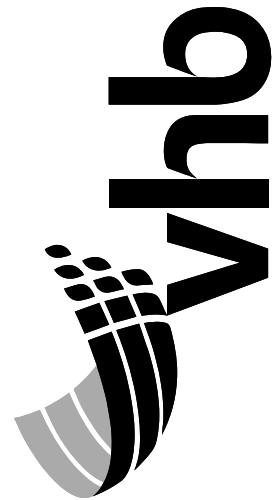
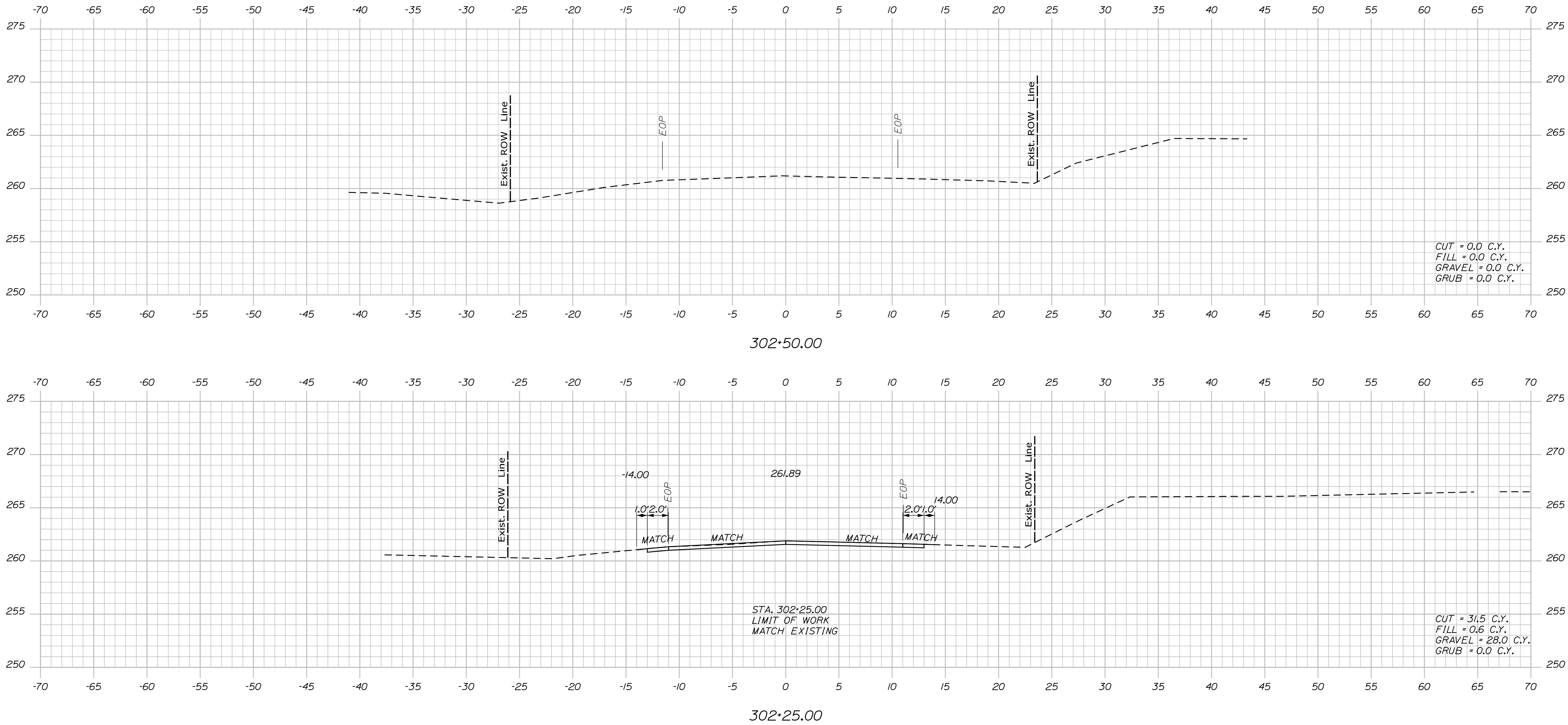
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ROUTE 4/202 & GORE RD
CROSS SECTIONS

Filename: ... \HIGHWAY\MSTA\012_Xsect.dgn



OF 46

Sta. 301+50.00 to Sta. 302+00.00



PROJ. MANAGER	D. COMBES	BY	DATE
DESIGN-DET AILED	AHS	BMR	1/14/2025
CHECKED-REVIEWED	ECF	AG	1/14/2025
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ALFRED
 ROUTE 4/202 & GORE RD
 CROSS SECTIONS

SHEET NUMBER

43

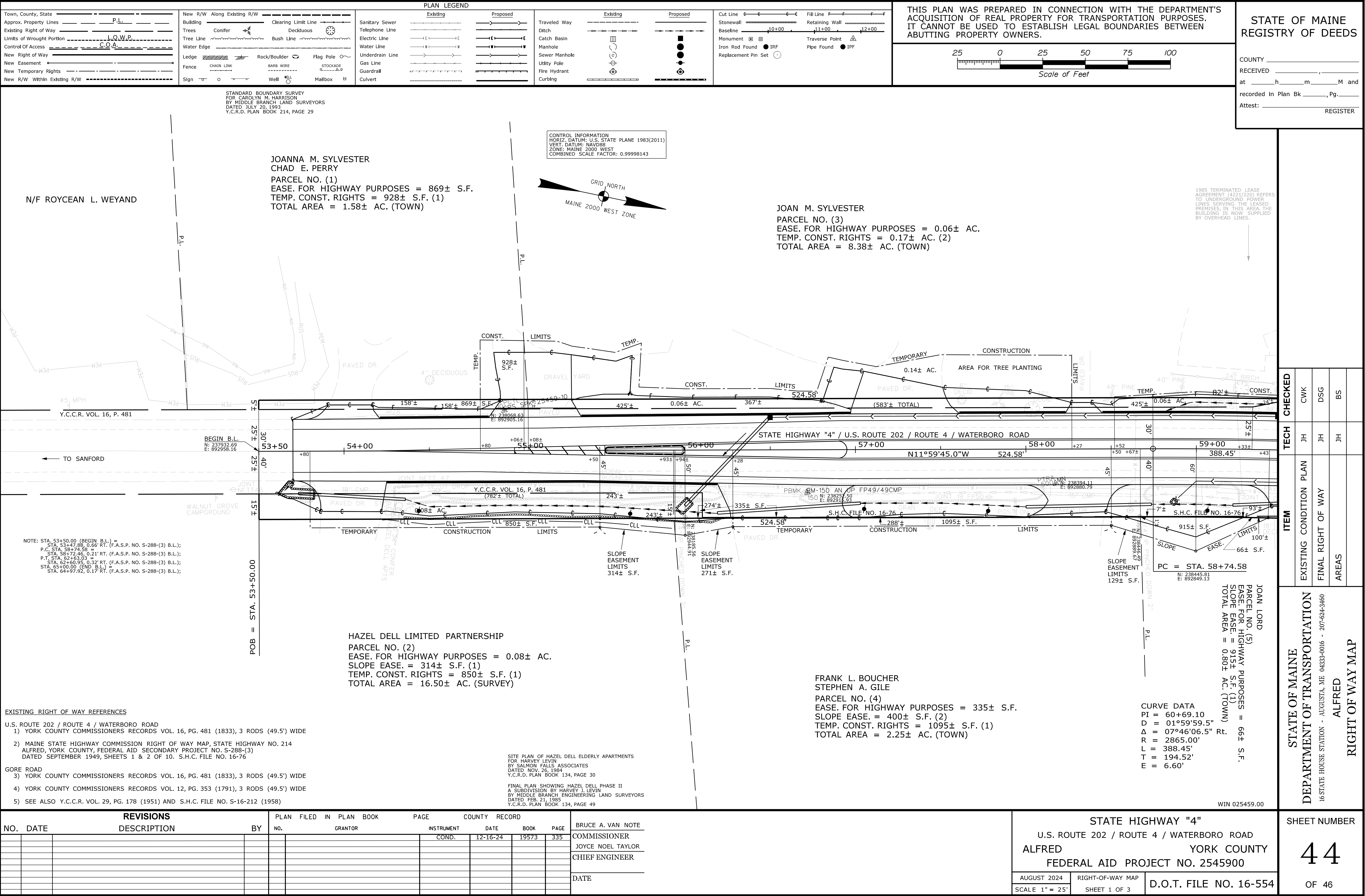
OF 46

Date:1/14/2025

Username: Jude.Hogan

Division: ROW

Filename: ... \00\ROW\MSTA001_RWP\PLAN1.dgn

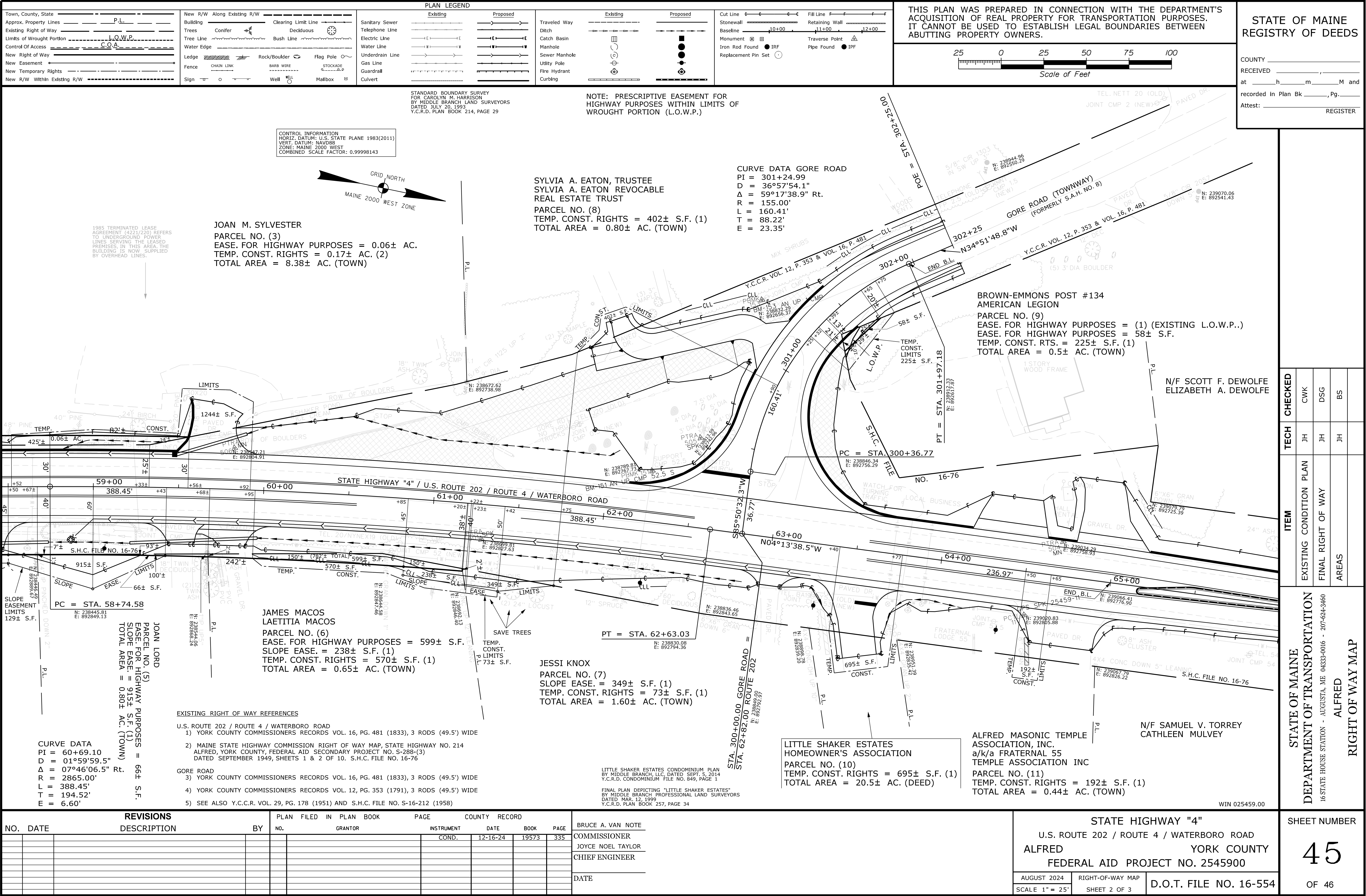


Date:1/14/2025

Username: Jude.Hogan

Division: ROW

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