

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



DAMARISCOTTA
LINCOLN COUNTY
US ROUTE 1 AT BELVEDERE RD
FEDERAL PROJECT NO. 2601900
PROJECT LENGTH : 0.41 MILES

PLAN LEGEND

Town, County, State	Clearing Limit Line	
Property Lines	Railroad	
R/W Lines-Existing	Catch Basins	Existing Proposed
Controlled Access Limit	Manholes	Existing Proposed
Line Along R/W	Proposed Underdrain	
Controlled Access Limit	Proposed Ditch	
Line Not On R/W	Existing Ditch	
Drainage Easement	Utility Poles	Existing Proposed
Culvert-Existing	Fire Hydrants	Existing Proposed
Culvert Proposed	Existing Water Line	
Curbing	Existing San. Sewer	
Existing	Existing San. Sewer Manhole	
Proposed	Guardrail-Existing	
Type 1	Guardrail-Proposed	
Type 3	Guardrail-Cable, Other	
Type 5	Centerline-Existing	
Outline of Bodies of Water	Centerline-Proposed	
Exposed Bedrock	Travelway-Existing	
Buildings	Travelway-Proposed	
Trees	Boring	
Conifer	HB-XXX-###	
Deciduous	Probe	
Tree Line	P-#.X	
	#.# = Depth	
	X = W (Weathered Rock)	
	R (Refusal)	
	NR (No Refusal)	

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TRAFFIC DATA

	US ROUTE 1 (SOUTH)	US ROUTE 1 (NORTH)
Current (2024) AADT	9,680	8,780
Future (2044) AADT	10,650	9,660
DHV - % of AADT	11%	11%
Design Hour Volume	1,172	1,063
% Heavy Trucks (AADT)	8%	9%
% Heavy Trucks (DHV)	7%	8%
Directional Distribution (DHV)	54%	55%
18 kip Equivalent P 2.0	628	608
18 kip Equivalent P 2.5	598	579
Design Speed (mph)	55	55
Corridor Priority	1	1

TRAFFIC DATA

	BELVEDERE RD (WEST)	BELVEDERE RD (EAST)
Current (2024) AADT	710	1,670
Future (2044) AADT	780	1,840
DHV - % of AADT	13%	12%
Design Hour Volume	101	221
% Heavy Trucks (AADT)	5%	5%
% Heavy Trucks (DHV)	7%	5%
Directional Distribution (DHV)	65%	50%
18 kip Equivalent P 2.0	23	53
18 kip Equivalent P 2.5	22	51
Design Speed (mph)	30	30
Corridor Priority	5	5

PROJECT LOCATION:

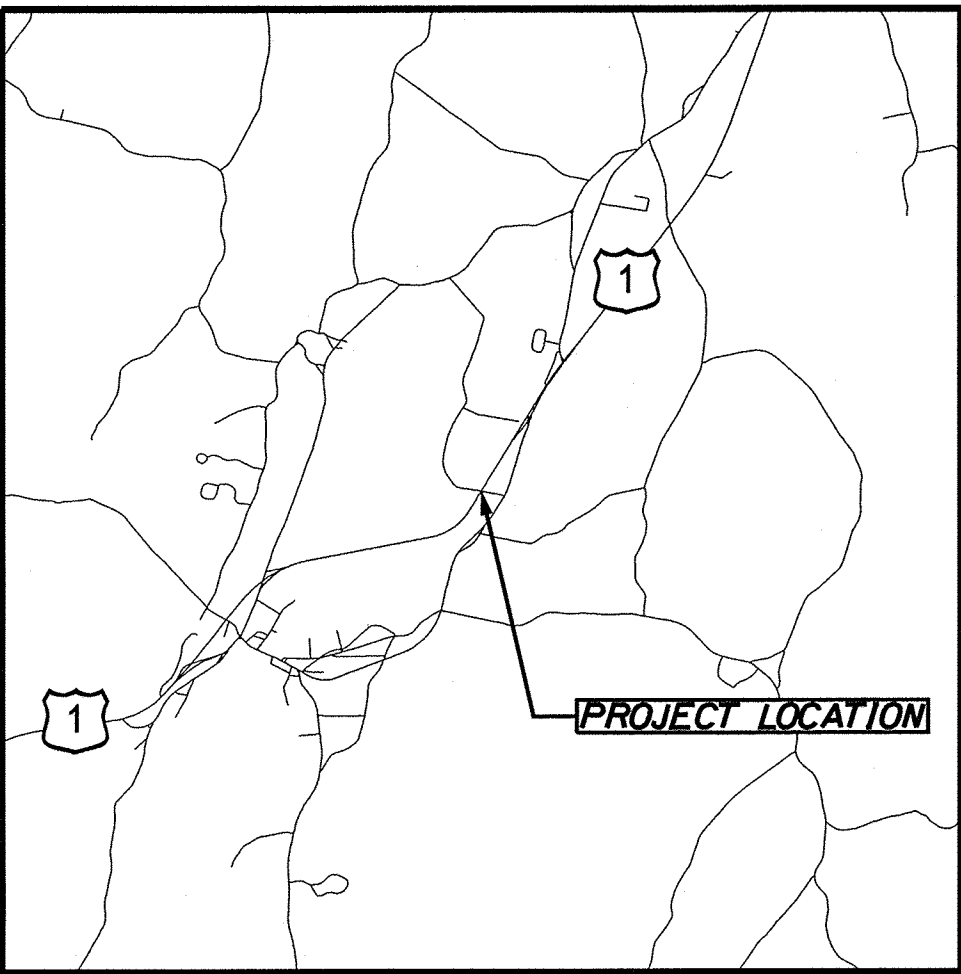
TOWN OF DAMARISCOTTA, AT THE INTERSECTION OF US ROUTE 1
AND BELVEDERE RD

PROGRAM AREA:

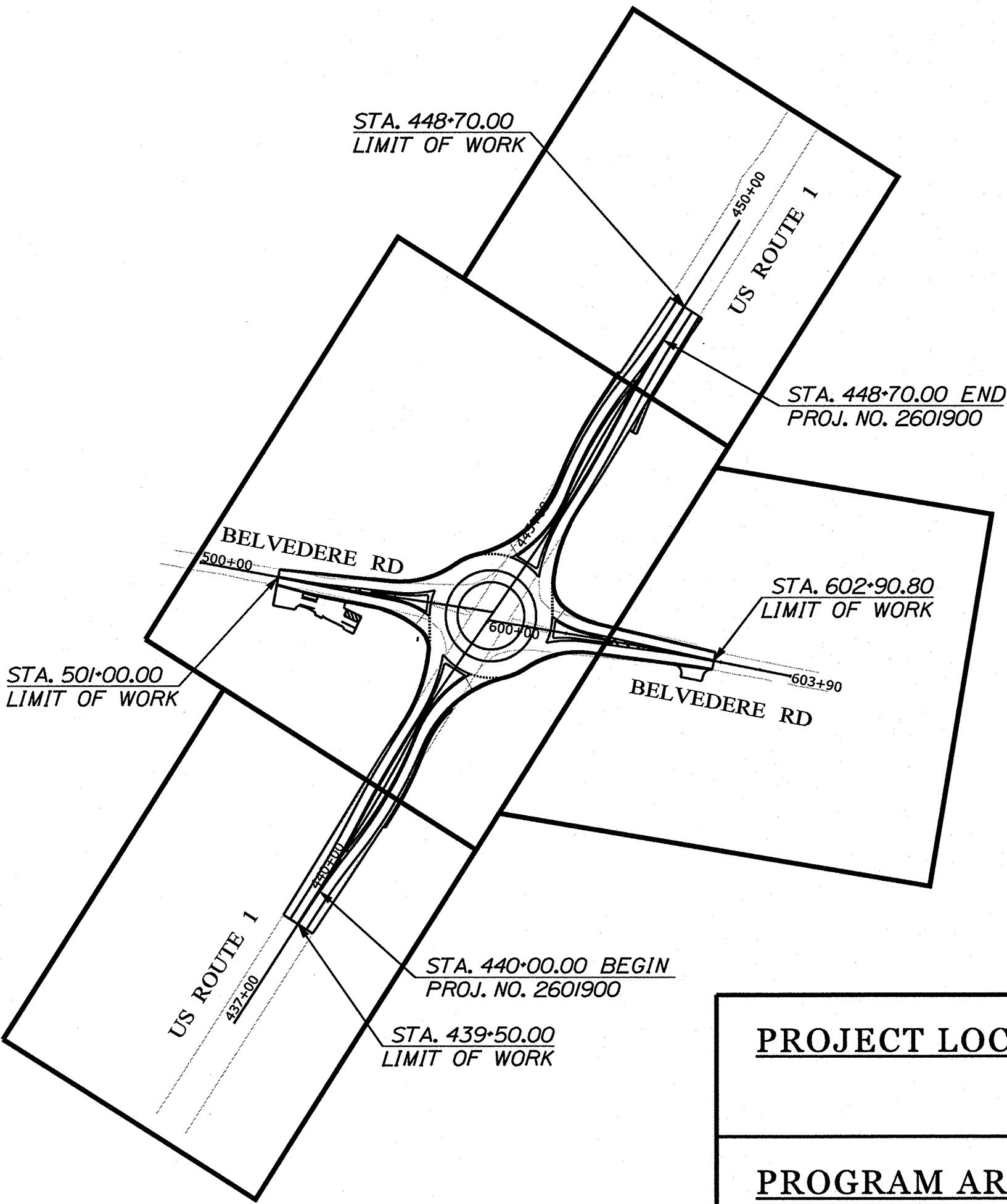
HIGHWAY PROGRAM

SCOPE OF WORK:

CONSTRUCTION OF ROUNDABOUT, FULL DEPTH APPROACHES,
CURBING, DRAINAGE, SIGNING, STRIPING AND LIGHTING



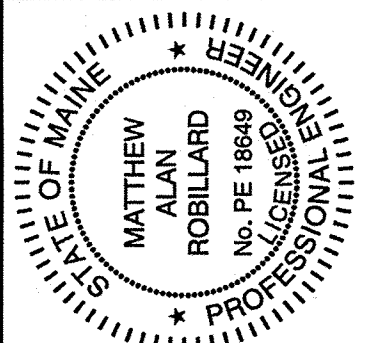
0 1 2
Scale in Miles
LOCATION MAP



LAYOUT SCALE

150 0 150 300
Scale in Feet

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: <i>Alan Robillard</i>		2-12-25
CHIEF ENGINEER: <i>Devin Paul Taylor</i>		2-12-2025



SIGNATURE	P.E. NUMBER	DATE
<i>Matthew Robillard</i>	18649	01/28/2025

PROJECT INFORMATION	PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
HIGHWAY	SEAN MURPHY/PE	WILLIAM STERRIT	COM SMITH				

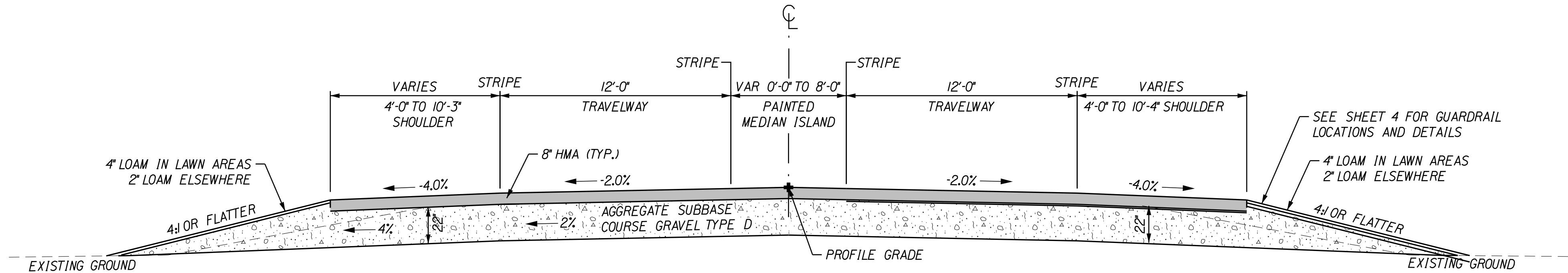
DAMARISCOTTA
US1 AT BELVEDERE RD
TITLE SHEET

SHEET NUMBER

1

OF 77

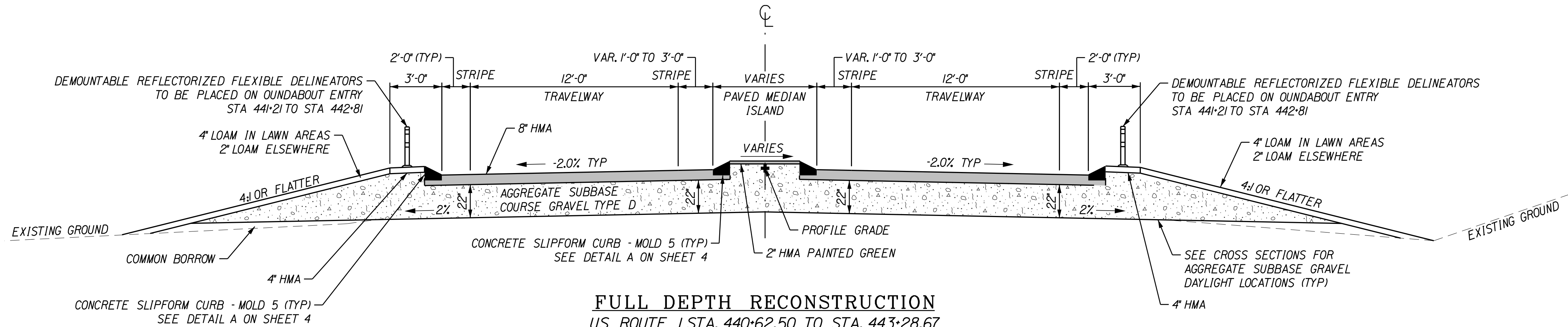
WIN 26019.00 FEDERAL PROJECT NO. 2601900



FULL DEPTH RECONSTRUCTION

US ROUTE 1 STA. 439+50.00 TO STA. 440+62.50
US ROUTE 1 STA. 447+56.12 TO STA. 448+70.00

SHOULDER	LEFT TRAVELWAY	RIGHT TRAVELWAY	RIGHT SHOULDER
22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH
STATION TO STATION	STATION TO STATION	STATION TO STATION	STATION TO STATION
439+50.00 (10.2') TO 442+30.86 (2.2') 447+56.12 (6.4') TO 448+70.00 (9.0')	439+50.00 (11.7') TO 440+39.00 (12.0') 447+56.12 (12.0') TO 448+70.00 (12.0')	439+50.00 (12.0') TO 440+39.00 (12.0') 447+56.12 (12.0') TO 448+70.00 (11.5')	439+50.00 (9.6') TO 441+11.84 (3.8') 445+60.00 (2.0') TO 447+00.87 (6.6') 447+00.87 (16.6') TO 448+70.00 (14.6')



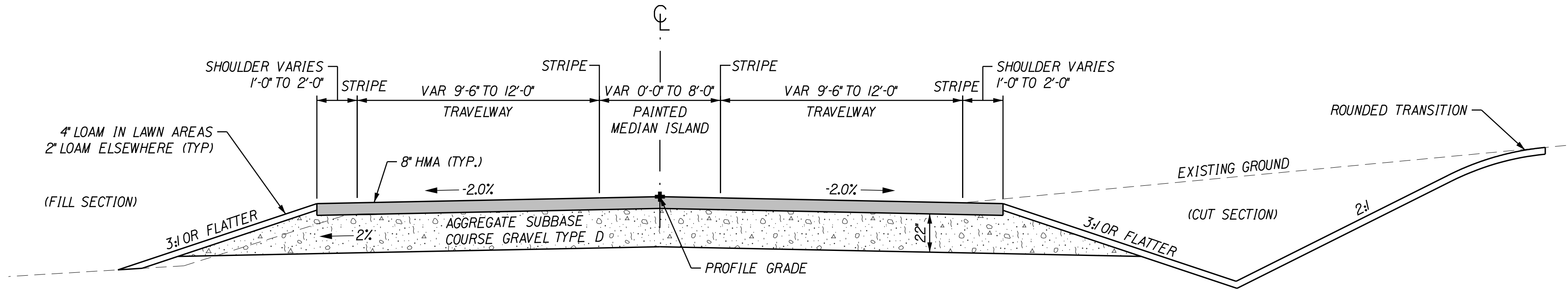
FULL DEPTH RECONSTRUCTION

US ROUTE 1 STA. 440+62.50 TO STA. 443+28.67
US ROUTE 1 STA. 444+90.00 TO STA. 447+56.12

SHOULDER	LEFT TRAVELWAY	RIGHT TRAVELWAY	RIGHT SHOULDER
22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH
STATION TO STATION	STATION TO STATION	STATION TO STATION	STATION TO STATION
442+30.86 (2.2') TO 443+27.88 (2.0') 444+62.85 (2.0') TO 447+56.12 (6.4')	440+39.00 (12.0') TO 443+28.74 (14.8') 444+89.38 (15.8') TO 447+56.12 (12.0')	440+39.00 (12.0') TO 443+28.74 (15.8') 444+89.38 (14.8') TO 447+56.12 (12.0')	441+11.84 (3.8') TO 443+55.80 (2.0') 444+92.39 (2.0') TO 445+60.00 (2.0')

- NOTES:
1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
 2. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
 3. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 4" LOAM DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
 4. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVEWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
 5. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
 6. AGGREGATE SUBBASE COURSE GRAVEL TYPE D VARIES FROM 0' TO 22' FROM THE LIMITS OF WORK TO THE BEGIN/END OF PROJECT.
 7. ROADWAY CROSS SLOPE SHALL VARY TO MEET EDGE OF ROUNDABOUT AS FOLLOWS:
- STA. 443+00.00 TO STA. 443+31.33 LT: -2.0% TO -1.0%
STA. 442+50.00 TO STA. 443+31.33 RT: -2.0% TO -1.0%
STA. 444+87.33 TO STA. 445+25.00 LT: -1.0% TO -2.0%
STA. 444+87.33 TO STA. 445+75.00 RT: -1.0% TO -2.0%

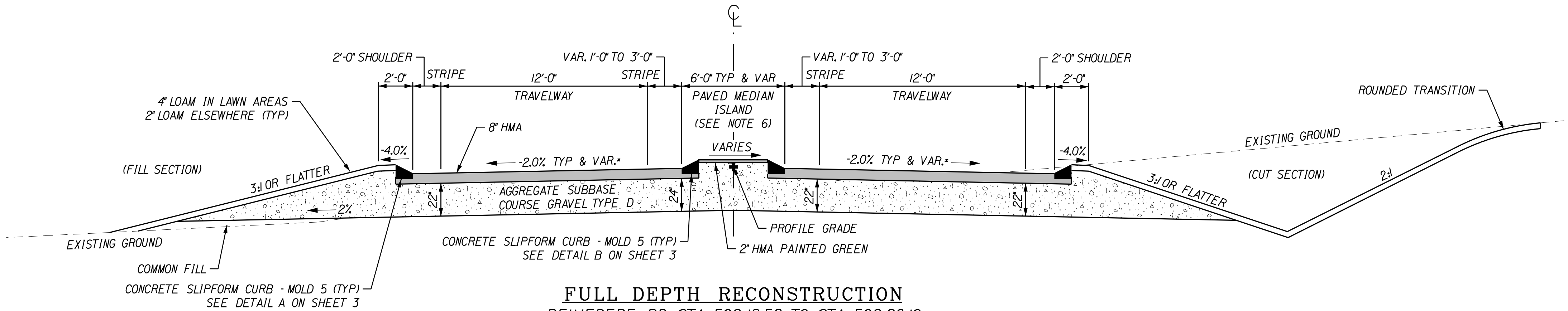
CURB TYPE (SHEET)
CONCRETE SLIPFORM CURB - MOLD 2
CONCRETE SLIPFORM CURB - MOLD 4
CONCRETE SLIPFORM CURB - MOLD 5
CURB TYPE 5 - TRUCK APRON
STATIONING
CONCRETE SLIPFORM - MOLD 2
SEE GEOMETRIC PLANS
CONCRETE SLIPFORM - MOLD 4
STA 700+00.00 LT - STA 703+64.42 LT
CONCRETE SLIPFORM - MOLD 5
STA 441+11.84 RT - STA 444+16.12 RT
STA 442+30.86 LT - STA 502+37.65 RT
STA 502+18.65 LT - STA 447+56.06 LT
STA 601+35.05 LT - STA 445+60.00 RT
SEE GEOMETRIC PLANS FOR SPLITTER ISLAND INFORMATION
CURB TYPE 5 - TRUCK APRON
STA 700+00.00 - STA 703+64.42



FULL DEPTH RECONSTRUCTION
BELVEDERE RD STA. 501+00.00 TO STA. 502+18.58
BELVEDERE RD STA. 601+70.93 TO STA. 602+90.80

SHOULDER	LEFT TRAVELWAY	RIGHT TRAVELWAY	RIGHT SHOULDER
22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH
STATION TO STATION	STATION TO STATION	STATION TO STATION	STATION TO STATION
501+00.00 (1.0') TO 502+18.33 (2.0') 601+71.37 (2.0') TO 602+90.80 (1.0')	501+00.00 (9.5') TO 502+18.33 (12.0') 601+71.37 (12.0') TO 602+90.80 (10.5')	501+00.00 (9.5') TO 502+18.33 (12.0') 601+71.37 (12.0') TO 602+90.80 (10.5')	501+00.00 (1.0') TO 502+18.33 (2.0') 601+71.37 (2.0') TO 602+90.80 (1.0')

- NOTES:
1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
 2. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
 3. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 4" LOAM DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
 4. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVEWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
 5. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
 6. AGGREGATE SUBBASE COURSE GRAVEL TYPE D VARIES FROM 0" TO 22" FROM THE LIMITS OF WORK TO THE BEGIN/END OF PROJECT.
 7. ROADWAY CROSS SLOPE SHALL VARY TO MEET EDGE OF ROUNDABOUT AS FOLLOWS:
- STA. 502+50.00 TO STA. 502+96.10 LT: -2.0% TO -0.5%
STA. 502+20.00 TO STA. 502+96.10 RT: -2.0% TO -1.2%
STA. 600+80.23 TO STA. 601+10.00 LT: -1.0% TO -2.0%
STA. 600+80.23 TO STA. 601+50.00 RT: +0.5% TO -2.0%



FULL DEPTH RECONSTRUCTION
BELVEDERE RD STA. 502+18.58 TO STA. 502+96.10
BELVEDERE RD STA. 600+80.23 TO STA. 601+70.93

SHOULDER	LEFT TRAVELWAY	RIGHT TRAVELWAY	RIGHT SHOULDER
22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH	22" A.B.C. = 6.8 CY/100 LF/FT OF WIDTH
STATION TO STATION	STATION TO STATION	STATION TO STATION	STATION TO STATION
502+18.33 (2.0') TO 502+92.70 (2.0') 600+83.54 (2.0') TO 601+71.37 (2.0')	502+18.33 (12.0') TO 502+92.70 (15.5') 600+83.54 (14.7') TO 601+71.37 (12.0')	502+18.33 (12.0') TO 502+92.70 (14.7') 600+83.54 (14.7') TO 601+71.37 (12.0')	502+18.33 (2.0') TO 502+92.70 (2.0') 600+83.54 (2.0') TO 601+71.37 (2.0')

CURB TYPE (SHEET)
■ : CONCRETE SLIPFORM CURB - MOLD 2
■ : CONCRETE SLIPFORM CURB - MOLD 4
■ : CONCRETE SLIPFORM CURB - MOLD 5
■ : CURB TYPE 5 - TRUCK APRON
STATIONING
SEE SHEET 2

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00

HIGHWAY PLANS

DAMARISCOTTA
US1 AT BELVEDERE RD

TYPICAL SECTIONS

SHEET NUMBER

3

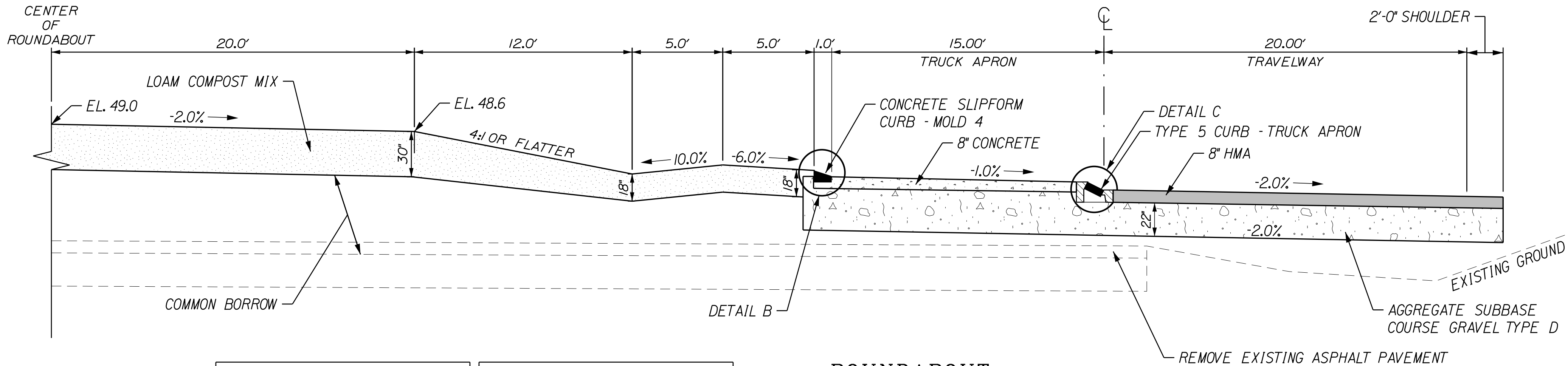
OF 77

Date:1/27/2025

Username: MurphySP

Division:

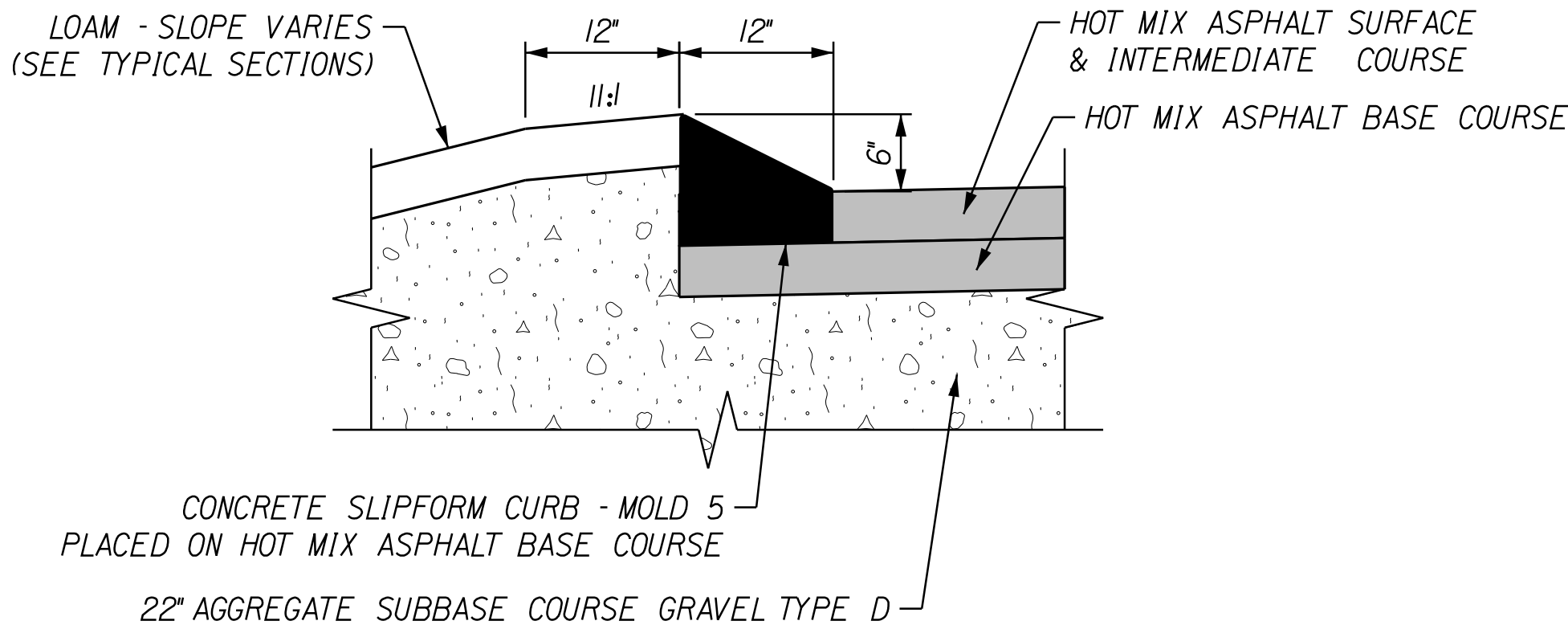
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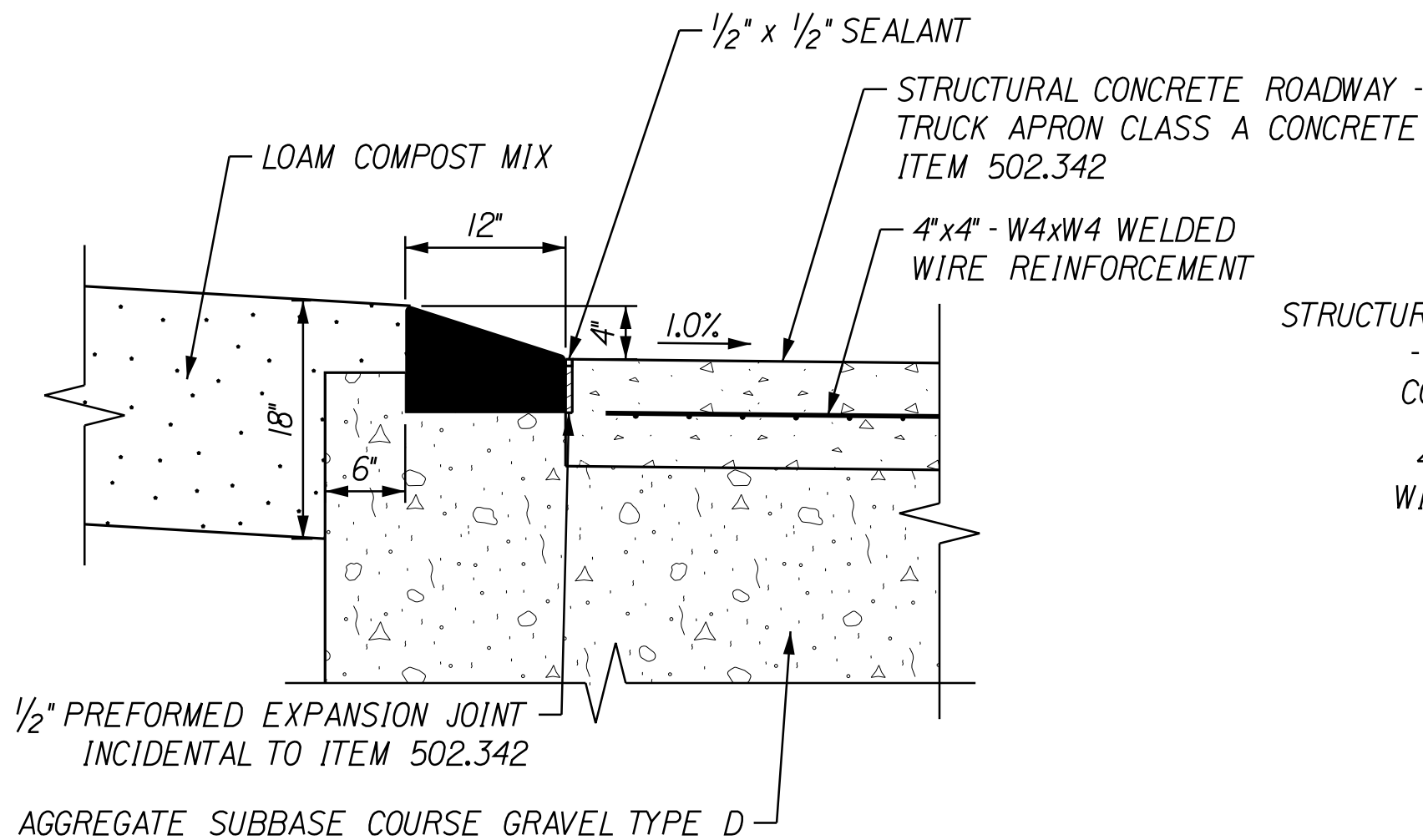
- NOTES:
1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
 2. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
 3. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 4" LOAM DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
 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. PAVEMENT STRUCTURE IS ESTIMATED AND WILL BE UPDATED ONCE PAVEMENT DESIGN HAS BEEN COMPLETED.

TRUCK APRON	TRAVELWAY & SHOULDER
22" A.B.C. = 101.9 CY/100 LF	22" A.B.C. = 149.4 CY/100 LF
STATION TO STATION	STATION TO STATION
700+00.00 TO 703+64.42	700+00.00 TO 703+64.42

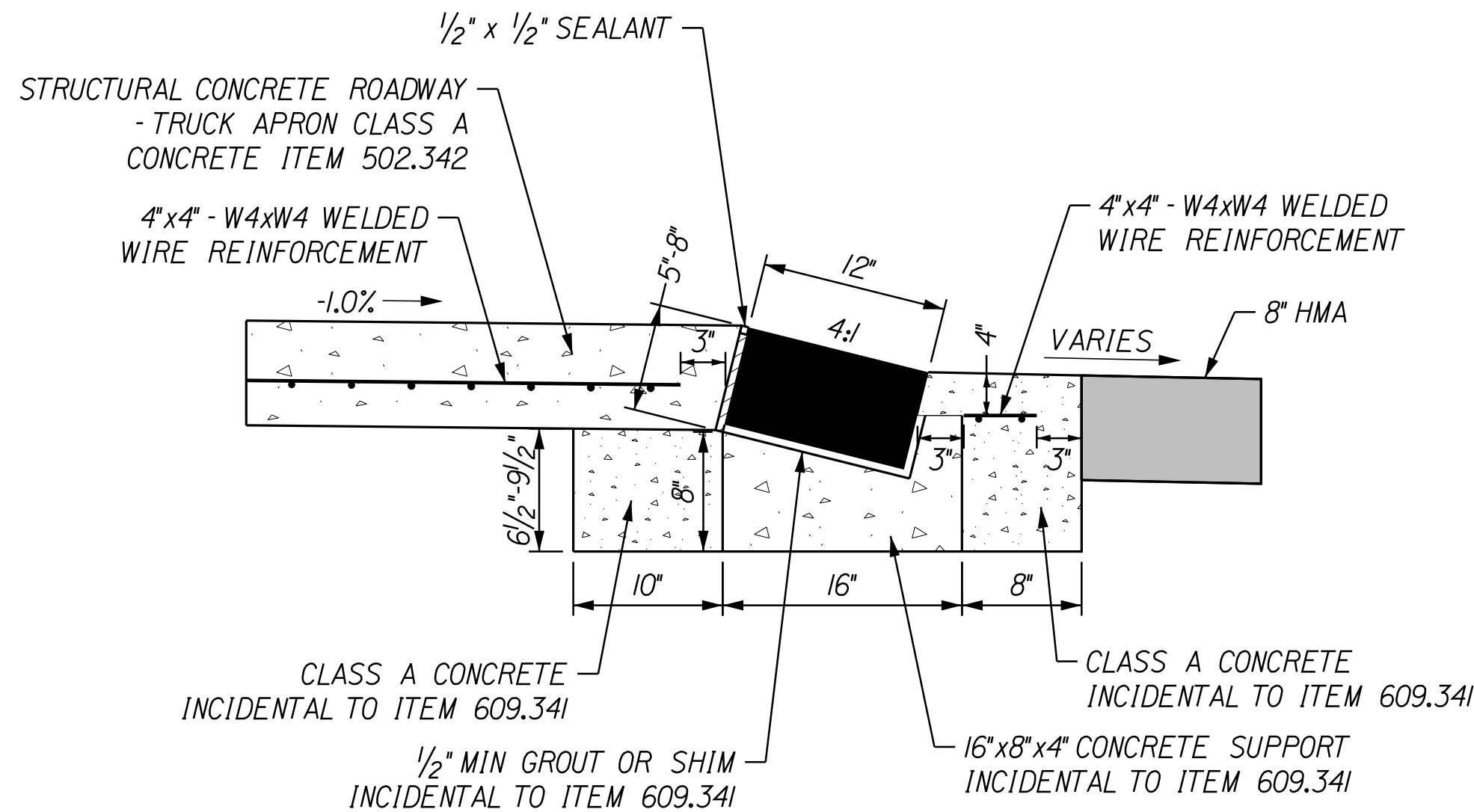
ROUNDABOUT
STA. 700+00.00 TO STA. 703+64.42
SCALE: 1/4"=1'



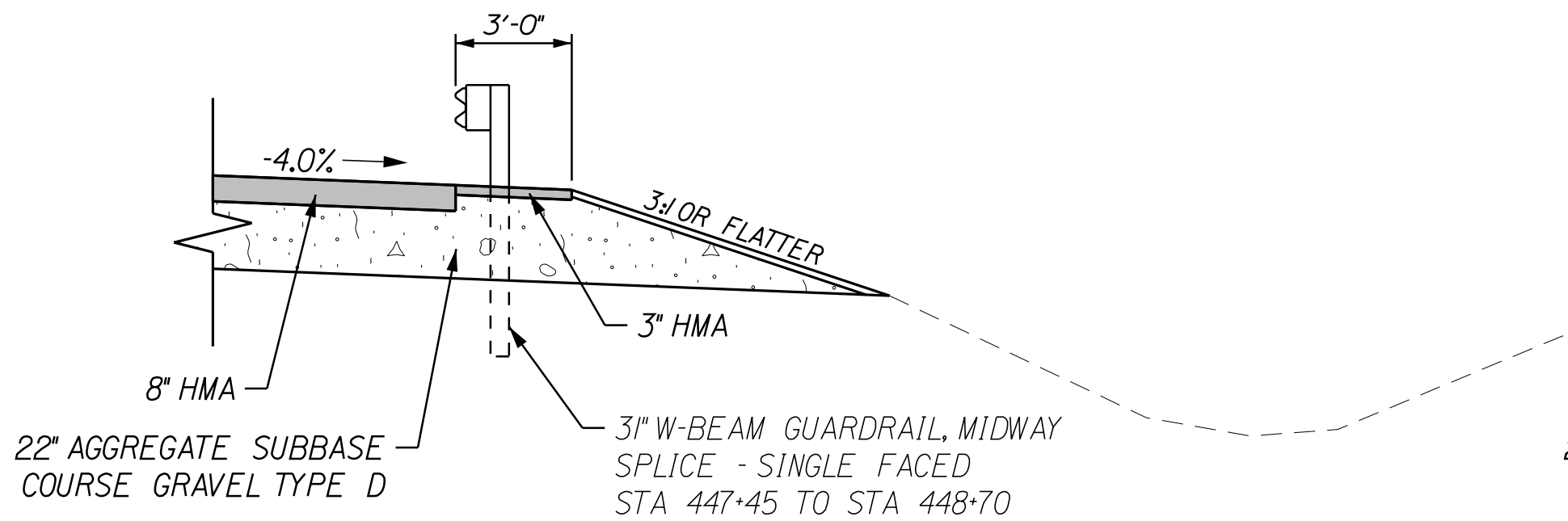
DETAIL A
CONCRETE SLIPFORM CURB MOLD 5
N.T.S.



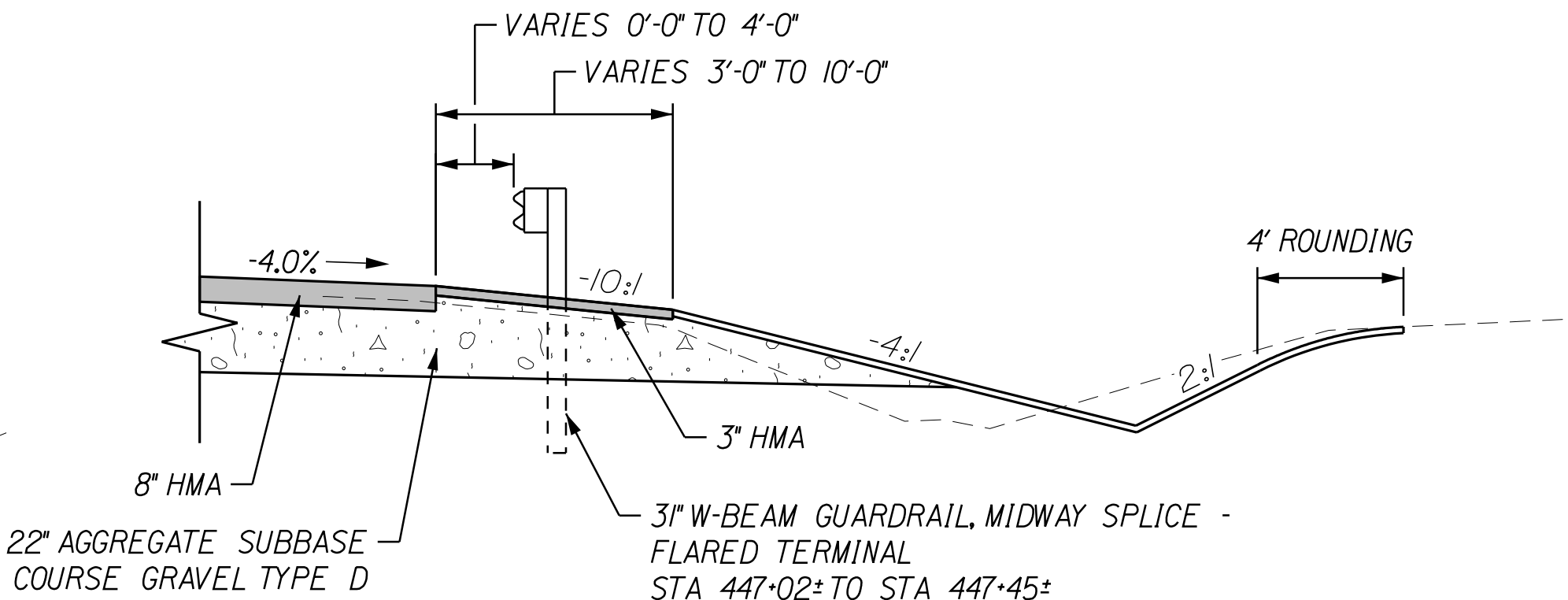
DETAIL B
CONCRETE SLIP FORM CURB MOLD 4
N.T.S.



DETAIL C
CURB TYPE 5 - TRUCK APRON
N.T.S.



DETAIL D
GUARDRAIL SECTION
N.T.S.



DETAIL D
GUARDRAIL TERMINAL SECTION
N.T.S.

CURB TYPE (SHEET)
■ : CONCRETE SLIPFORM CURB - MOLD 2
■ : CONCRETE SLIPFORM CURB - MOLD 4
■ : CONCRETE SLIPFORM CURB - MOLD 5
■ : CURB TYPE 5 - TRUCK APRON
STATIONING
SEE SHEET 2

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00
HIGHWAY PLANS

PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED <td>W. STRONG<td>1/25<td>1/25</td></td></td>	W. STRONG <td>1/25<td>1/25</td></td>	1/25 <td>1/25</td>	1/25
CHECKED-REVIEWED <td>S. MURPHY<td>1/25<td>1/25</td></td></td>	S. MURPHY <td>1/25<td>1/25</td></td>	1/25 <td>1/25</td>	1/25
DESIGN-DETAILED <td></td> <td></td> <td></td>			
DESIGN-DETAILED <td></td> <td></td> <td></td>			
REVISIONS 1 <td></td> <td></td> <td></td>			
REVISIONS 2 <td></td> <td></td> <td></td>			
REVISIONS 3 <td></td> <td></td> <td></td>			
REVISIONS 4 <td></td> <td></td> <td></td>			
FIELD CHANGES <td></td> <td></td> <td></td>			

DAMARISCOTTA
RD
US1 AT BELVEDERE RD

TYPICAL SECTIONS

SHEET NUMBER

4

OF 77

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE TOP ONLY	7	EA
201.24	REMOVING STUMP	7	EA
203.20	COMMON EXCAVATION	6,458	CY
203.21	ROCK EXCAVATION	325	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	5,500	CY
403.2081	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE (POLYMER MODIFIED)	690	T
403.209	HOT MIX ASPHALT, 9.5 MM NOMINAL MAXIMUM SIZE (SIDEWALKS, DRIVES, ISLANDS & INCIDENTALS)	170	T
403.213	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE (BASE AND INTERMEDIATE BASE COURSE)	1,980	T
409.15	BITUMINOUS TACK COAT, APPLIED	610	GAL
502.342	STRUCTURAL CONCRETE ROADWAY TRUCK APRON	120	CY
603.175	18" REINFORCED CONCRETE PIPE CLASS III	325	LF
603.179	18" CULVERT PIPE OPTION III	50	LF
603.55	CONCRETE PIPE TIES	8	EA
604.092	CATCH BASIN TYPE B1-C	9	EA
606.1301	31" W-BEAM GUARDRAIL, MIDWAY SPLICE - SINGLE FACED	125	LF
606.1305	31" W-BEAM GUARDRAIL, MIDWAY SPLICE FLARED TERMINAL	1	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	2	EA
609.21	CONCRETE SLIPFORM CURB - TYPE 2	2,950	LF
609.219	CONCRETE SLIPFORM TERMINAL END TYPE 2	32	LF
609.341	CURB TYPE 5 - TRUCK APRON	365	LF
610.08	PLAIN RIPRAP	43	CY
610.18	STONE DITCH PROTECTION	165	CY
613.319	EROSION CONTROL BLANKET	970	SY
615.07	LOAM	330	CY
615.081	COMPOST BLANKET	395	CY
615.10	DIRTY BORROW	50	CY
618.13	SEEDING METHOD NUMBER 1	20	UN
618.14	SEEDING METHOD NUMBER 2	15	UN
619.12	MULCH	35	UN
619.13	BARK MULCH	10	CY
620.58	EROSION CONTROL GEOTEXTILE	86	SY
621.031	EVERGREEN TREE 4' - 5' GR. A B&B	5	EA
621.037	EVERGREEN TREE 5' - 6' GR. A B&B	5	EA
621.043	EVERGREEN TREE 6' - 8' GR. A B&B	3	EA
621.046	EVERGREEN TREE 8' - 10' GR. A B&B	1	EA
621.101	PLUGS/STARTER PLANTS TYP 2" CONT. MIN 6" PLANTS	1,250	EA
621.396	EVERGREEN SHRUB 18" - 24" GR. B CONT.	90	EA
621.402	EVERGREEN SHRUB 2 - 2½' GR. B CONT.	24	EA
621.408	EVERGREEN SHRUB 2 ½' - 3 ' GR. B CONT.	12	EA
621.54	DECIDUOUS SHRUB 18- 24" GR. A CONT.	80	EA
621.546	DECIDUOUS SHRUB 2'- 3' GR. A B&B	90	EA
621.552	DECIDUOUS SHRUB 3'- 4' GR. A B&B	20	EA
621.558	DECIDUOUS 4' - 5' GR. A B&B HEAVY SPEC.	8	EA
621.71	HERBACEOUS PERENNIALS GR. A 1 GAL. CONT./PATCHES	650	EA
621.80	ESTABLISHMENT PERIOD	1	LS
626.11	PRECAST CONCRETE JUNCTION BOX	15	EA
626.22	NON-METALLIC CONDUIT	1,630	LF
626.43	30-INCH DIAMETER FOUNDATION	101	LF
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	5,350	LF
627.75	WHITE OR YELLOW PAVEMENT & CURB MARKING	80	SF
627.78	TEMPORARY 4" PAINT PAVEMENT MARKING LINE, WHITE OR YELLOW	5,350	LF
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.133	SKID STEER (INCLUDING OPERATOR)	10	HR
631.14	GRADER (INCLUDING OPERATOR)	10	HR
631.172	TRUCK-LARGE (INCLUDING OPERATOR)	20	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	10	HR
631.20	STUMP CHIPPER RENTAL (INCLUDING OPERATOR)	20	HR
631.32	CULVERT CLEANER (INCLUDING OPERATORS)	20	HR
634.160	HIGHWAY LIGHTING	1	LS
634.2042	LED LUMINAIRIES	12	EA
634.210	CONVENTIONAL LIGHT STANDARD	12	EA
634.25	SERVICE POLE COMPLETE WITH CABINET AND CONTROLLER	1	EA
639.19	FIELD OFFICE TYPE B	1	EA
643.72	TEMPORARY TRAFFIC SIGNAL	1	LS
645.106	DEMOUNT REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	11	EA
645.108	DEMOUNT POLE	11	EA
645.116	REINSTALL REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGN	4	EA
645.118	REINSTALL POLE	4	EA
645.161	BREAKAWAY DEVICE SINGLE POLE	20	EA
645.292	REGULATORY, WARNING, CONFIRMATION AND ROUTE MARKER ASSEMBLY SIGNS TYPE II	265	SF
645.301	DEMOUNTABLE REFLECTORIZED FLEXIBLE DELINEATOR, SINGLE	40	EA
652.312	TYPE III BARRICADE	20	EA
652.33	DRUM	50	EA
652.34	CONE	90	EA
652.35	CONSTRUCTION SIGNS	1,020	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	300	CD
652.38	FLAGGER	1,920	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	12	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	1	LS
658.20	ACRYLIC LATEX FINISH, GREEN	810	SY
659.10	MOBILIZATION	1	LS

EARTHWORK SUMMARY			
COMMON EXCAVATION FOR ESTIMATE			
COMMON EXCAVATION (FROM MODEL OR PLANS)	5840		
GRUBBING IN FILL	145		
LOAM SALVAGE IN FILL			
UNDERCUT			
MUCK EXCAVATION			
PEAT EXCAVATION			
CULVERT INLET AND OUTLET DITCHES	43		
PAVEMENT SALVAGE IN FILL	430		
TOTAL COMMON EXCAVATION	6458		
FILL FOR BORROW CALCULATIONS			
COMMON FILL (FROM MODEL OR PLANS)	2620		
GRUBBING IN FILL	10		
LOAM SALVAGE IN FILL			
UNDERCUT	0		
MUCK EXCAVATION			
PEAT EXCAVATION			
PAVEMENT SALVAGE IN FILL	430		
RECYCLED PAVEMENT REMOVAL IN FILL			
TOTAL FILL	3060		
ROCK EXCAVATION FOR ESTIMATE			
ROCK EXCAVATION (FROM CROSS SECTIONS)	320	Assume 5% of excavation	
ROCK EXCAVATION (BOULDERS)			
TOTAL ROCK EXCAVATION	320		
AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS			
ALL DEDUCTIONS:			
GRUBBING IN CUT	135		
GRUBBING IN FILL	10		
LOAM SALVAGE IN CUT			
LOAM SALVAGE IN FILL			
UNDERCUT	0		
MUCK EXCAVATION			
PEAT EXCAVATION			
PAVEMENT SALVAGE (CUT & FILL)	1150		
TOTAL DEDUCTIONS	1295		
TOTAL AVAILABLE COMMON EXCAVATION (-) TOTAL DEDUCTIONS	5163		
TOTAL AVAILABLE STRUCTURAL EXCAVATION (UNDERDRAIN ONLY)			
RIPPRAP EXCAVATION			
TOTAL AVAILABLE NON-ROCK EXCAVATION	5163		
COMPUTATION OF WASTE STORAGE & WASTE MATERIAL			
TOTAL AVAILABLE WASTE STORAGE AREA (FROM CROSS SECTIONS)			
GRUBBING IN CUT	135		
GRUBBING IN FILL	10		
UNDERCUT	0		
MUCK EXCAVATION			
PEAT EXCAVATION			
TOTAL WASTE MATERIAL	145		
TOTAL WASTE MATERIAL TO BE UTILIZED*			
TOTAL WASTE MATERIAL TO BE WASTED	145		
COMPUTATION FOR GRANULAR BORROW FOR ESTIMATE			
GRANULAR BORROW TO REPLACE MUCK			
GRANULAR BORROW TO REPLACE PEAT			
GRANULAR BORROW IN LOW WET AREAS			
GRANULAR BORROW FOR EMBANKMENT CONSTRUCTION NEAR BOX CULVERTS			
GRANULAR BORROW TO MAINTAIN TRAFFIC			
GRANULAR BORROW FOR UNDERCUTTING			
GRANULAR BORROW FOR CULVERT BEDDING			
TOTAL GRANULAR BORROW	0		
COMPUTATION FOR SURPLUS MATERIAL OR COMMON BORROW FOR ESTIMATE			
TOTAL AVAILABLE NON-ROCK EXCAVATION	5163	x 0.90	= 4650
TOTAL AVAILABLE ROCK EXCAVATION	320	x 1.30	= 420
TOTAL AVAILABLE STRUCTURAL ROCK EXCAVATION		x 1.30	= 0
TOTAL WASTE MATERIAL TO BE UTILIZED	0	x 0.90	= 0
TOTAL AVAILABLE EXCAVATION	5070		
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	2155		
SURPLUS MATERIAL	2155 CY		
GRANULAR BORROW IN LOW WET AREAS			
GRANULAR BORROW TO MAINTAIN TRAFFIC			
BORROW NEEDED (-) REQUIRED GRANULAR BORROW WITHIN FILL	0		
COMMON BORROW	0 CY		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00

HIGHWAY PLANS

DAMARISCOTTA
US1 AT BELVEDERE RD

ESTIMATED QUANTITIES

SHEET NUMBER

5

OF 77

GENERAL NOTES

1. 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.
2. 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.
3. THE CLEARING AND SELECTIVE CLEARING AND THINNING LINES SHOWN ON THE PLANS ARE FOR ESTIMATING PURPOSES ONLY.THE ACTUAL LINES FOR CLEARING AND THINNING SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND APPROVED BY THE RESIDENT.
4. STUMP REMOVAL HAS BEEN ESTIMATED UNDER STANDARD SPECIFICATIONS ITEM 201.24.REMOVE STUMP.HOWEVER,WHERE DIRECTED BY THE RESIDENT, STANDARD SPECIFICATIONS ITEM 631.20,STUMP CHIPPER RENTAL (INCLUDING OPERATOR)MAY BE USED TO REMOVE STUMPS.
5. GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED.THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY.ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT.
6. ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER,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. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE FILL SIDE SLOPES WITHOUT GUARDRAIL UNLESS OTHERWISE NOTED ON THE PLANS.
9. 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.
10. 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.
11. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1FOOT ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATIONS ITEM 703.19,GRANULAR BORROW.
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. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 3 INCHES OF HOT MIX ASPHALT AND 11 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.
14. 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.
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. PRIOR TO SURFACE PAVING,EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT.PAYMENT WILL BE MADE UNDER STANDARD SPECIFICATIONS ITEM 631.32,CULVERT CLEANER (INCLUDING OPERATOR).
17. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.
18. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
19. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
20. FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED UNLESS NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
21. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OF PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 604, MANHOLES, INLETS AND CATCH BASINS.
22. ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO ALLOW FOR PROPOSED PIPE CONNECTIONS WILL NOT BE PAID FOR SEPARATELY AND WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 603,PIPE CULVERTS AND STORM DRAINS OR STANDARD SPECIFICATIONS SECTION 605, UNDERDRAINS.
23. EXISTING ABANDONED WATER MAINS BROKEN BY THE CONTRACTOR DURING CONSTRUCTION SHALL HAVE THE ENDS PLUGGED WITH BRICK AND MORTAR.COST FOR ALL LABOR AND MATERIAL WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO DIRECT PAYMENT WILL BE MADE.

24. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.
25. 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.
26. TWO REFLECTORIZED FLEXIBLE GUARDRAIL MARKERS (STANDARD SPECIFICATIONS ITEM 606.353, REFLECTORIZED FLEXIBLE GUARDRAIL MARKER) WILL BE INSTALLED AT EACH GUARDRAIL END.
27. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 606, GUARDRAIL.
28. LOAM HAS BEEN ESTIMATED FOR DISTURBED LAWN AREAS.ACTUAL PLACEMENT OF THE LOAM SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.
39. 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.
30. 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.
31. ACRYLIC LATEX COLOR FINISH GREEN (STANDARD SPECIFICATIONS ITEM 658.20, ACRYLIC LATEX COLOR FINISH) SHALL BE PLACED ON ALL PAVED ISLANDS.
32. WHITE PAVEMENT/CURB MARKING (STANDARD SPECIFICATIONS ITEM 627.75, WHITE OR YELLOW PAVEMENT & CURB MARKING) SHALL BE APPLIED TO ALL ISLAND TAPERED ENDS.
33. 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.
34. 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
35. 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.
36. 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.
37. 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.
38. AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION,DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
39. 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.
40. 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.
- 41.UNDETERMINED LOCATIONS SHALL BE DETERMINED BY THE RESIDENT.
42. 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.

43. 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.
44. ALL HMA FOR PATCHING AROUND ADJUSTED, ALTERED, OR REBUILT UTILITY STRUCTURES SHALL BE A 9.5 MM OR 12.5 MM MAINEDOT APPROVED MIX DESIGN.EXCLUDING WATER AND GAS GATE VALVES,THE CONTRACTOR SHALL SAW CUT THE EXISTING PAVEMENT FOR THE PATCH AT LEAST TWO FEET AWAY FROM THE NEAREST EDGE OF THE STRUCTURE.THE CONTRACTOR SHALL PLACE HMA IN LIFTS OF 2 INCHES OR LESS TO MATCH THE EXISTING PAVEMENT DEPTH OR A MAXIMUM OF 6 INCHES,AS DIRECTED BY THE RESIDENT, AND COMPACT THE HMA USING A MINIMUM OF A 150-POUND PLATE COMPACTOR.HMA FOR PATCHING AROUND ADJUSTED, ALTERED, OR REBUILT UTILITY STRUCTURES IS CONSIDERED INCIDENTAL TO THE RESPECTIVE PAY ITEM FOR ADJUST, ALTER, OR REBUILD UTILITY STRUCTURE.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION										
	WIN 26019.00 HIGHWAY PLANS									
DAMISCOTTA US1 AT BELVEDERE RD GENERAL NOTES	PROJ. MANAGER	D. COOMBS	BY	DATE						
	DESIGN-DETAILED	W. STERRITT	1/25							
	CHECKED-REVIEWED	S. MURPHY	1/25							
	DESIGN-DETAILED	-	-							
	DESIGN-DETAILED	-	-							
				SIGNATURE						
				P.E. NUMBER						
				DATE						
				FIELD CHANGES						
SHEET NUMBER				7						
				OF 77						

DRIVES AND ENTRANCES

STATIONING	TYPE	OPENING
501+75 RT	ASPHALT	36 FT
602+67 RT	GRAVEL ENT	27 FT
NOTE: AT LOCATIONS WITH RADII, OPENING IS MEASURED FROM THE BACK EDGE OF THE DRIVEWAY RADIUS		

ITEM 201.23 - REMOVING SINGLE TREE TOP ONLY

ITEM 201.24 - REMOVING STUMP

STATIONING
STA 444+94, 66' RT
STA 445+13, 50' RT
STA 501+56, 22' LT
STA 501+67, 14' LT
STA 502+00, 36' RT
STA 502+02, 26 RT
STA 601+68, 57' RT

ITEM 603.55 - CONCRETE PIPE TIES

STATIONING
STA 442+42, 43.0' LT
STA 702+50, 40.0' RT
STA 600+96, 47.4' LT
STA 502+15, 46.5' LT

ITEM 606.1301 - 31" W-BEAM GUARDRAIL, MIDWAY SPLICE - SINGLE FACED

STATIONING	LENGTH
STA 447+45, 26.8' RT TO STA 448+70, 23.6' RT	125'

ITEM 606.1305 - 31" W-BEAM GUARDRAIL, MIDWAY SPLICE FLARED TERMINAL

STATIONING
STA 447+02, 28.5' RT TO STA 447+45, 26.8' RT

ITEM 610.08 - PLAIN RIPRAP

CROSS CULVERTS	RIPRAP PAD INLET	RIPRAP PAD OUTLET
STA 442+42, 38.0' LT TO STA 441+41, 56.9' LT		6' X 19'
STA 600+94, 44.7' LT TO STA 601+02, 53.5' LT		6' X 12'
STA 702+54, 35.4' RT TO STA 702+54, 43.4' RT		6' X 8'

DOWNSPOUTS	
STA 445+62, 18.1' RT	5' X 18'
STA 447+59, 21.8' LT	5' X 28'
STA 502+16, 18.7' LT	5' X 33'
STA 502+35, 17.9' RT	5' X 19'
STA 600+95, 28.4' RT	5' X 10'

ITEM 609.21 - CONCRETE SLIPFORM CURB - MOLD 2

SEE GEOMETRIC SHEETS

ITEM 609.212 - CONCRETE SLIPFORM CURB - MOLD 4

SEE GEOMETRIC SHEETS

ITEM 609.213 - CONCRETE SLIPFORM CURB - MOLD 5

SEE GEOMETRIC SHEETS

ITEM 609.219 - CONCRETE SLIPFORM TERMINAL END TYPE 2

SEE GEOMETRIC SHEETS

ITEM 609.341 - CURB TYPE 5 - TRUCK APRON

SEE GEOMETRIC SHEETS

ITEM 610.18 - STONE DITCH PROTECTION

DITCHES	SIZE
601+00, 47.7' LT TO 602+90, 16.2' LT	9.0' W X 190' L
601+00, 37.8' RT TO 602+40, 25.3' RT	9.0' W X 140' L

ITEM 619.319 - EROSION CONTROL BLANKET - TYPE 4

DITCHES	SIZE
602+50, 24.6' RT TO 443+07, 53.1' RT	9.0' W X 270' L
602+90, 16.2' LT TO 448+85, 53.2' RT	9.0' W X 596' L
501+73, 50.2' LT TO 502+15, 48.3' LT	9.0' W X 41' L
502+35, 37.4' RT TO 442+39, 70.0' LT	5.5' W X 98' L

ITEM 620.58 - EROSION CONTROL GEOTEXTILE

CROSS CULVERTS	RIPRAP PAD INLET	RIPRAP PAD OUTLET
STA 442+42, 38.0' LT TO STA 441+41, 56.9' LT		6' X 19'
STA 600+94, 44.7' LT TO STA 601+02, 53.5' LT		6' X 12'
STA 702+54, 35.4' RT TO STA 702+54, 43.4' RT		6' X 8'

DOWNSPOUTS	
STA 445+62, 18.1' RT	5' X 18'
STA 447+59, 21.8' LT	5' X 28'
STA 502+16, 18.7' LT	5' X 33'
STA 502+35, 17.9' RT	5' X 19'
STA 600+95, 28.4' RT	5' X 10'

ITEM 621 - LANDSCAPING

SEE BID BOOK

ITEM 652.35 - CONSTRUCTION SIGNS

IN ADDITION TO THE SIGNAGE REQUIRED FOR STANDARD TRAFFIC CONTROL DETAILS, THIS ITEM SHALL INCLUDE WAYFINDING SIGNAGE THAT MAY BE REQUIRED FOR THE DAMARISCOTTA MILLS PROPERTY OR OTHER BUSINESSES IMPACTED BY THE CLOSURE FOR THE DURATION OF THE BELVEDERE ROAD CLOSURE.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00

HIGHWAY PLANS

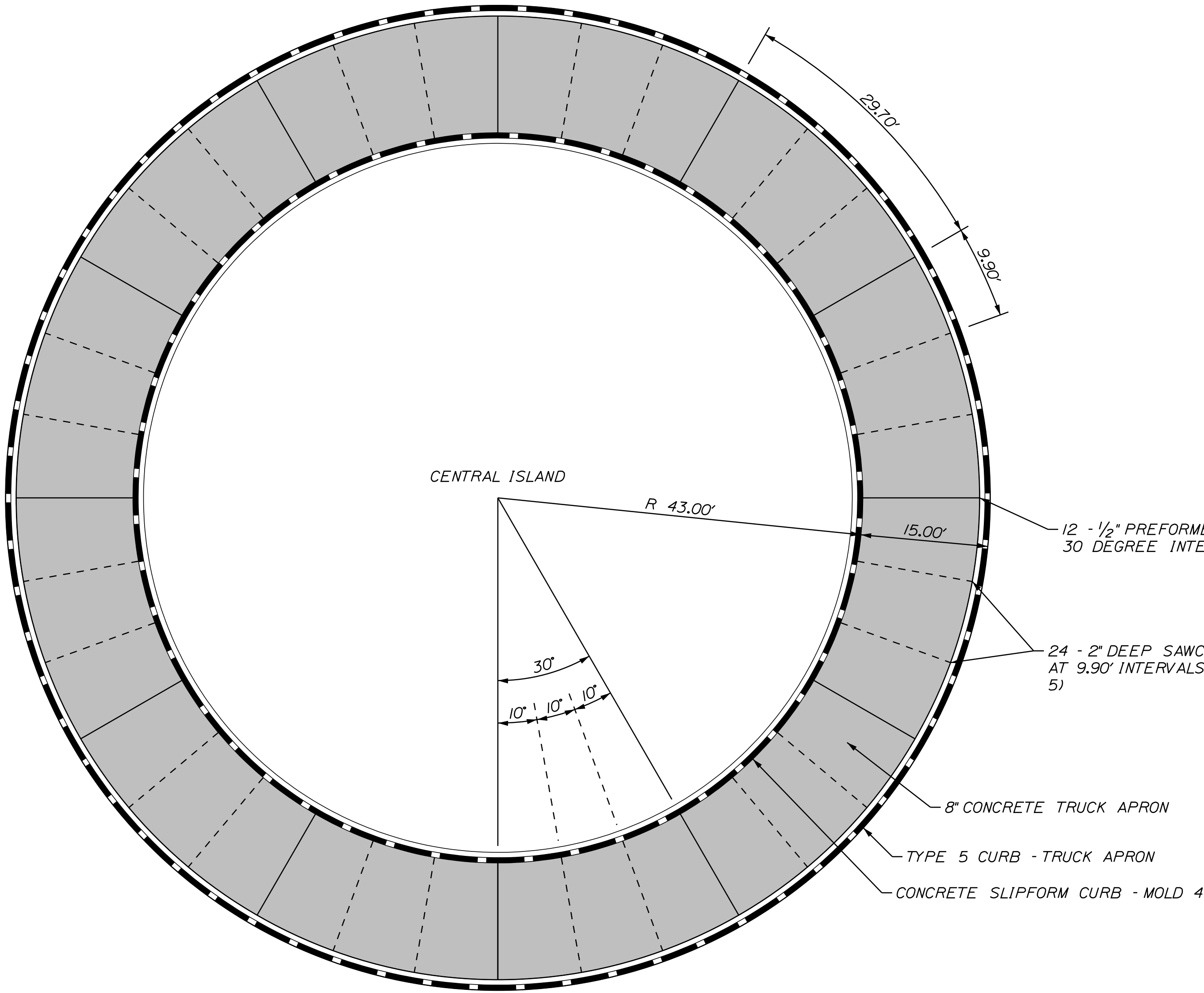
DAMARISCOTTA
US1 AT BELVEDERE RD

CONSTRUCTION NOTES

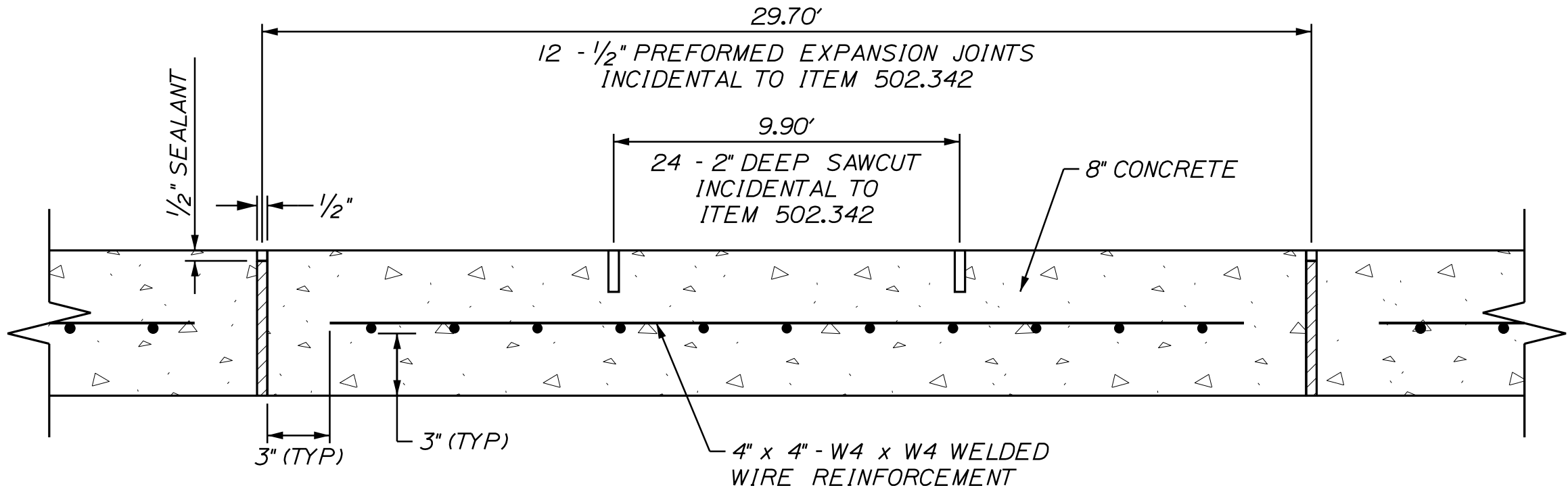
SHEET NUMBER

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OF 77



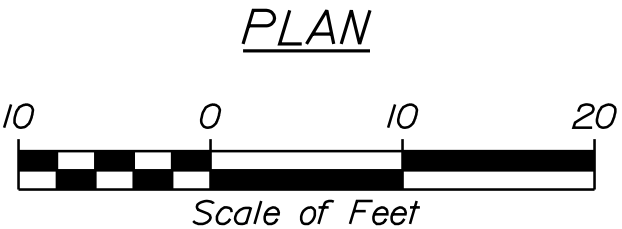
CENTRAL TRUCK APRON - EXPANSION AND CONTROL JOINT PLAN
SCALE: 1" = 10'



CENTRAL TRUCK APRON - EXPANSION AND CONTROL JOINT SECTION
NOT TO SCALE

NOTES

1. THE 4" x 4" W4 x W4 WELDED WIRE REINFORCEMENT SHALL BE SUPPORTED ON CHAIR. THE WELDED WIRE REINFORCEMENT AND CHAIRS SHALL BE INCIDENTAL TO ITEM 502.342.
2. CONCRETE SUPPORTS FOR TYPE 5 CURB - TRUCK APRON SHALL BE PLACED PRIOR TO CONCRETE PLACEMENT. EACH SECTION OF CURB SHALL BE GROUTED OR SHIMMED PRIOR TO PLACING CONCRETE. FULL GROUT BED MUST BE USED WHERE SHIMS ARE LESS THAN 2" IN HEIGHT. THIS SHALL BE INCIDENTAL TO ITEMS 609.341.
3. CONTRACTOR SHALL PLACE THE CONCRETE WITH CARE AND ASSURE THE SUPPORTED CURB IS NOT DISTURBED DURING PLACEMENT.
4. CONCRETE SHALL BE PLACED AND CONSOLIDATED IN SUCH A MANNER THAT NO VOIDS WILL BE PRESENT WHEN COMPLETE.
5. CONTRACTOR SHALL PLACE CURB JOINTS TO COINCIDE WITH TRUCK APRON EXPANSION AND CONTROL JOINTS.



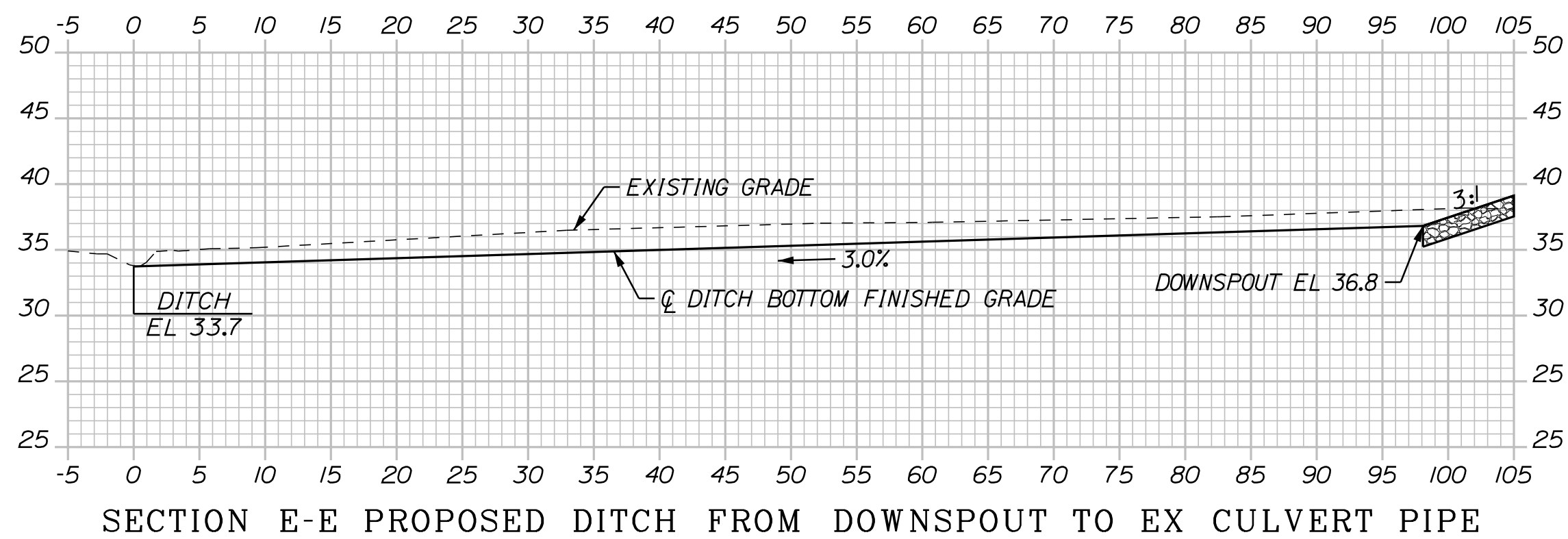
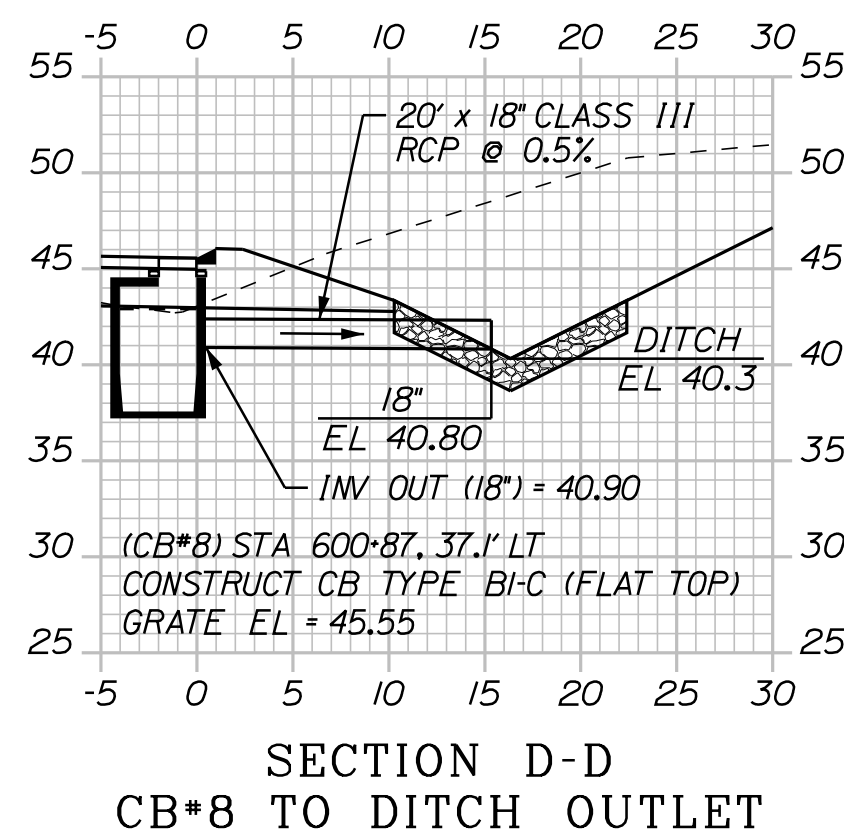
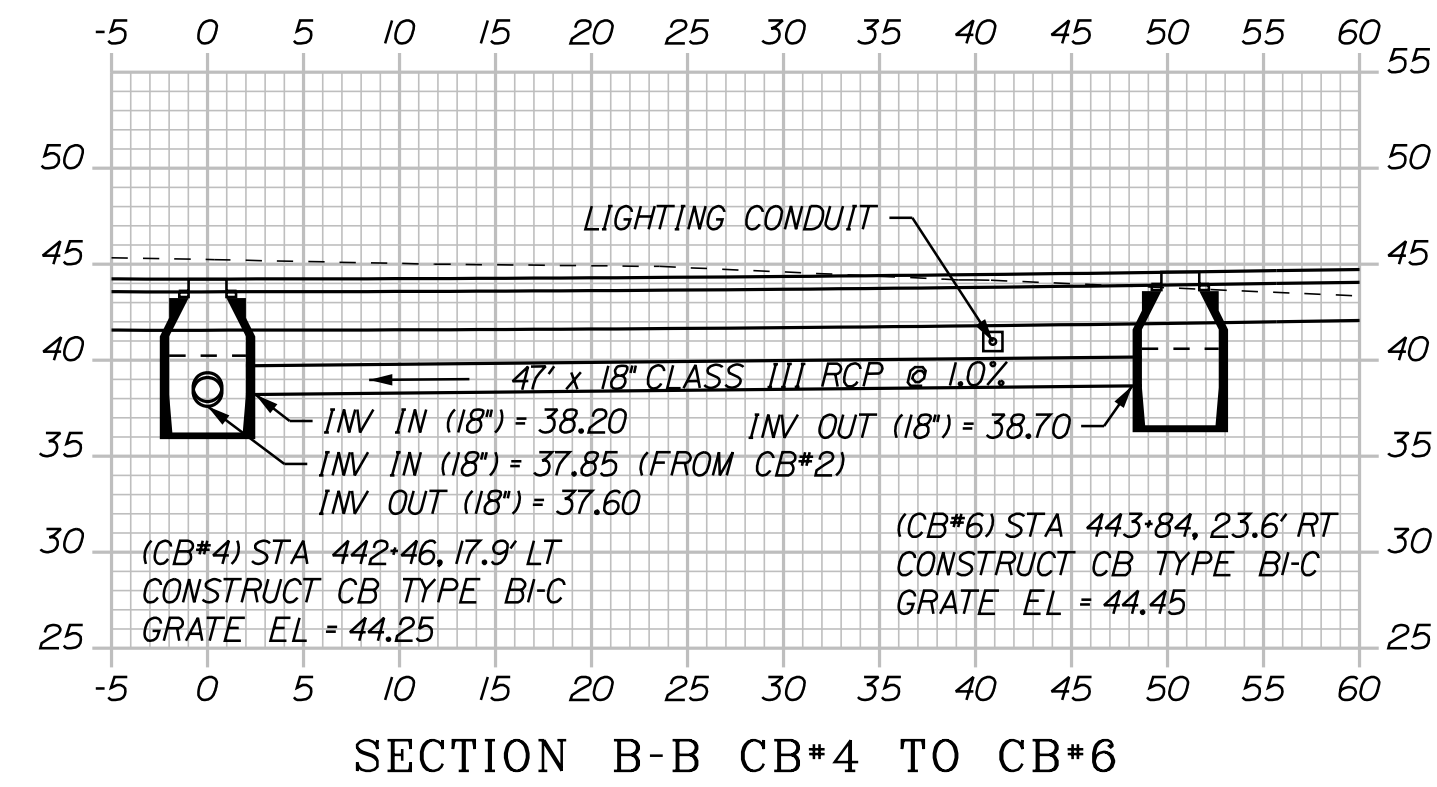
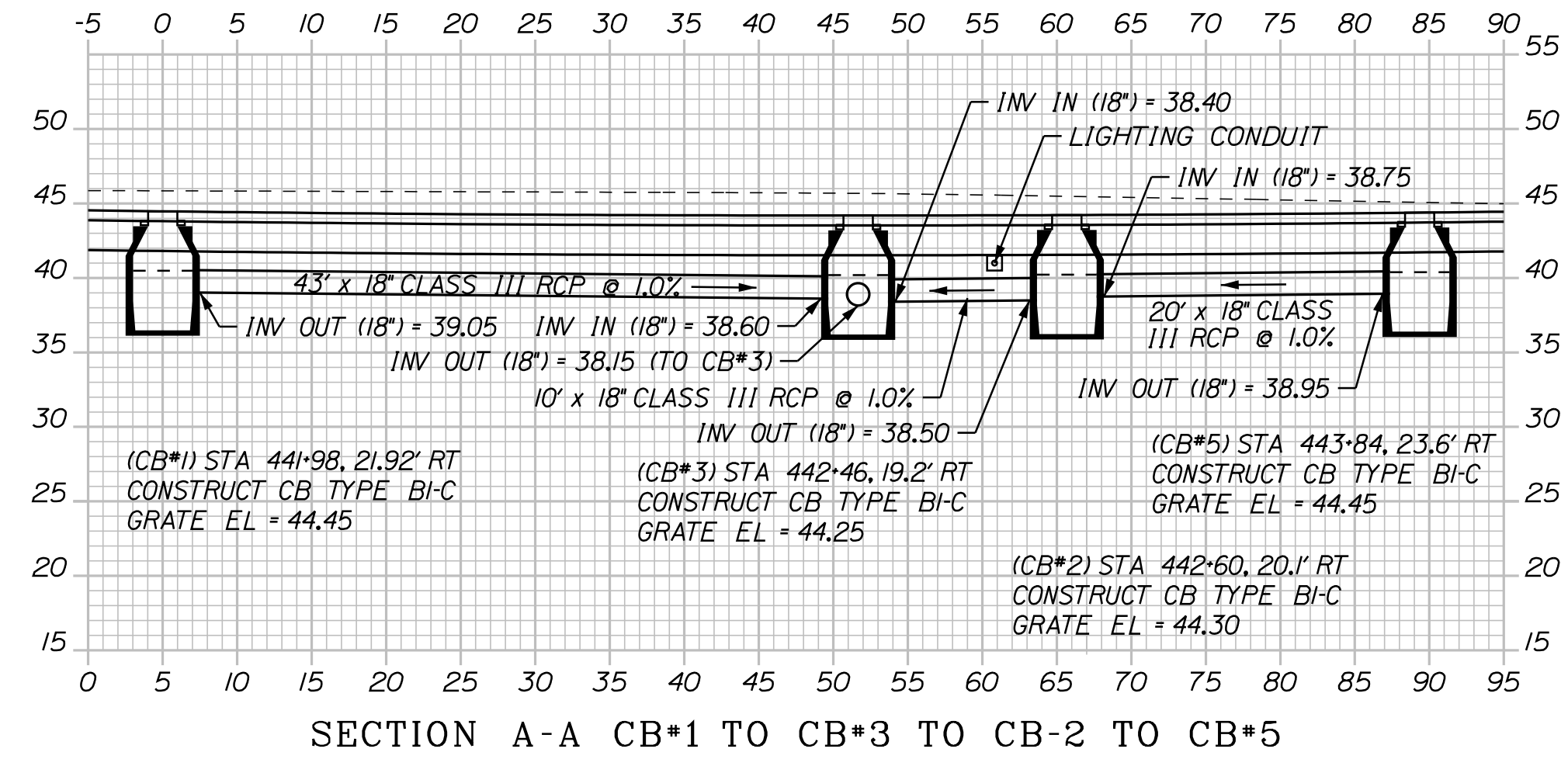
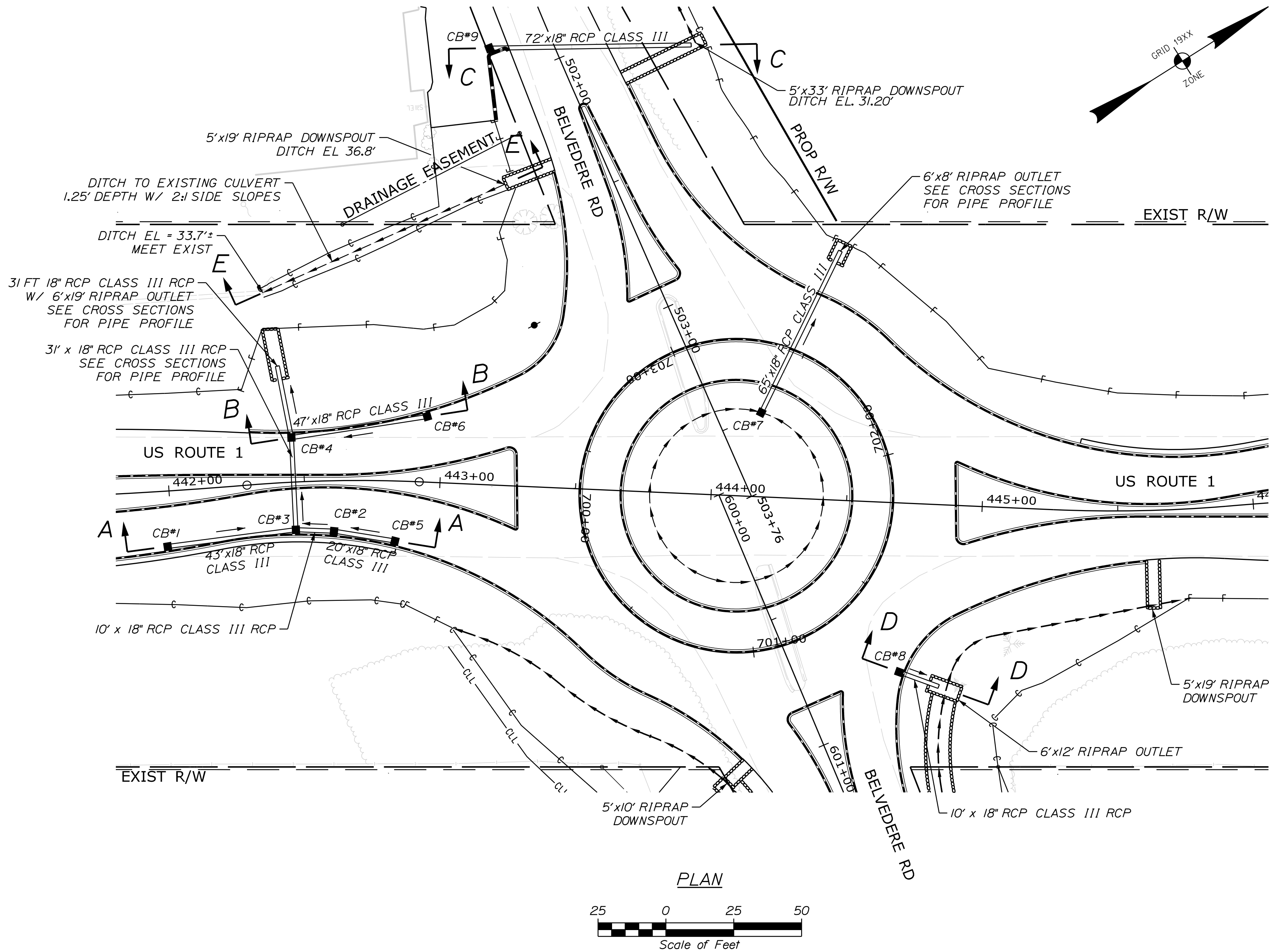
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		WIN		26019.00		HIGHWAY PLANS	
DAMARISCOTTA		US1 AT BELVEDERE RD		SHEET NUMBER		9		OF 77	
SPECIAL DETAILS -		CENTRAL TRUCK APRON		SIGNATURE		P.E. NUMBER		DATE	
PROJ. MANAGER		D. COOMBS		BY		DATE			
DESIGN-DETAILED		W. STRONG		S. MURPHY		1/25			
CHECKED-REVIEWED		S. MURPHY		-		1/25			
DESIGN-DETAILED		-		-		-			
REVISIONS 1		-		-		-			
REVISIONS 2		-		-		-			
REVISIONS 3		-		-		-			
REVISIONS 4		-		-		-			
FIELD CHANGES		-		-		-			

1/27/2025 Date:

MurphyS&P name:

Division:

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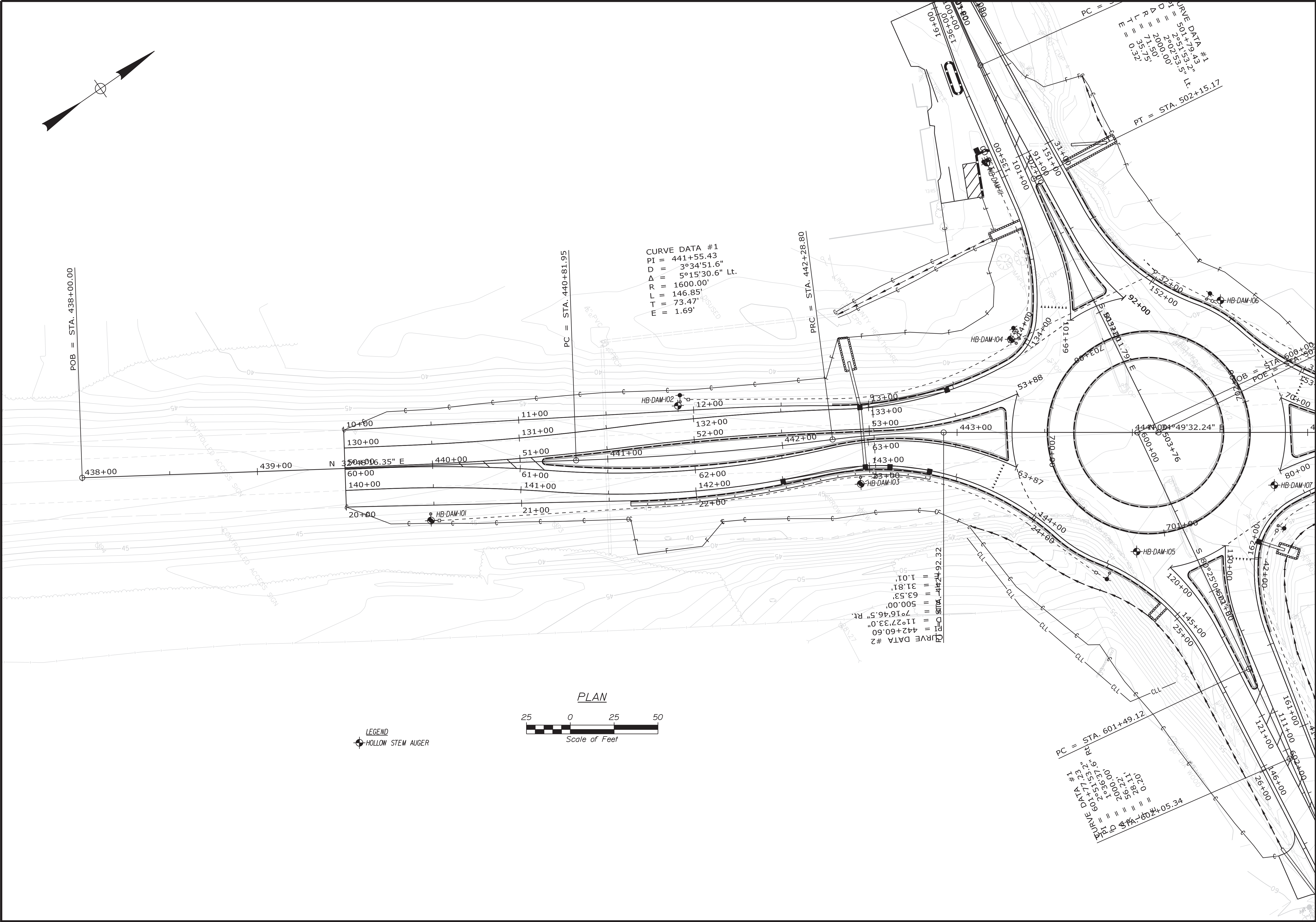
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00
HIGHWAY PLANS

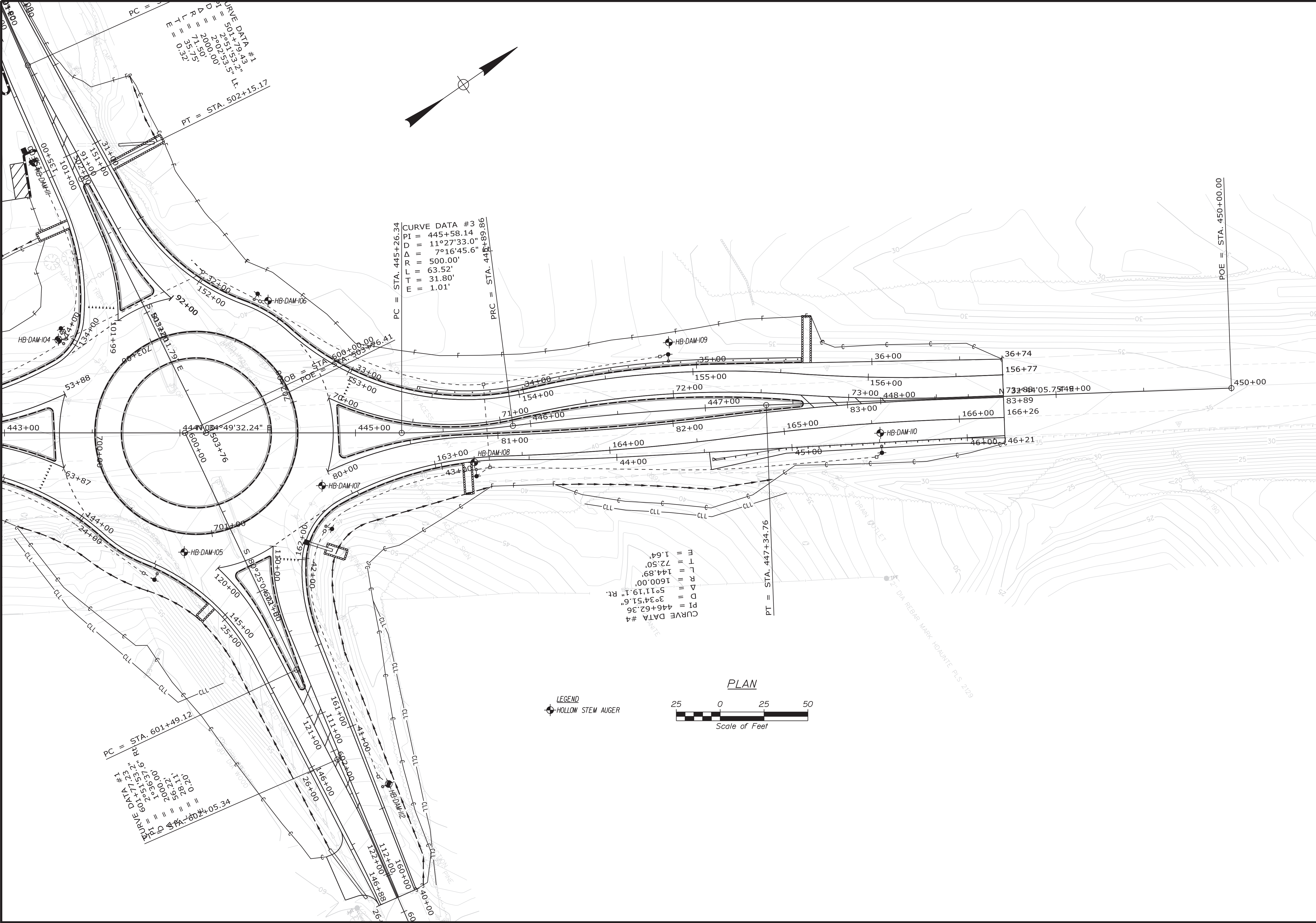
PROJ. MANAGER	DATE	BY	SIGNATURE	P.E. NUMBER	DATE
D. COOMBS	1/25	S. HARLEY			
CHECKED-REVIEWED	1/25	S. MURPHY			
DESIGN-DETAILED					
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

DAMARISCOTTA RD
US1 AT BELVEDERE RD
SPECIAL DETAILS
- DRAINAGE

SHEET NUMBER
10
OF 77



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		2601900		WIN 26019.00		HIGHWAY PLANS	
STATE OF MAINE Cody A. Russell 15866 PROFESSIONAL ENGINEER		SIGNATURE Cody A. Russell 15866		P.E. NUMBER 15866		DATE 1/27/2025	
DAMARISCOTTA US1 AT BELVEDERE RD		BORING LOCATION PLAN		SHEET NUMBER 12 OF 77			



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

2601900

WIN
26019.00

HIGHWAY PLANS

STATE OF MAINE
Cody A. Russell
15866
LICENSED PROFESSIONAL ENGINEER

Cody A. Russell
SIGNATURE
JAN 2025
15866
P.E. NUMBER
1/27/2025
DATE

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

DAMARISCOTTA
US1 AT BELVEDERE RD

BORING LOCATION PLAN

SHEET NUMBER

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Maine Department of Transportation Soil/Rock Exploration Log US CUSTOMARY UNITS				Project: Integral Roadabout at U.S. Route 1 and Belvedere Location: Fortunate, Belvidere, Maine		Boring No.: HB-DAM-102					
WIN: 26019.00											
Driller: Seaboard Drilling		Elevation (ft.): 45.2		Auger ID/OD: 2.25/6.25"							
Operator: Ryan/Matt		Datum: NAVD83		Sampler: Standard Split Spoon							
Logged By: B. W. Loder		Rig Type: Ditcher D-24		Hammer: M1/F011 140#/30"							
Date Start/Finish: 5/29/2024 11:15-12:00		Drilling Method: Hollow Stem Auger		Core Barrel: N/A							
Boring Location: 441.41, 3.27, 0.4 ft LT		Casing ID/OD: N/A		Water Level#: None Observed							
Hammer Efficiency Factor: 1.087				Hammer Type: Automatic 30 Hydraulic ☐ Rope & Cathead ☐							
Definitions: R = Rods or Core SA = Solid Stem Auger M = Mechanical Split Spoon Sample Attempt U = Thin Wall Tube Sample M = Mechanical Thin Wall Tube Sample Attempt W = Field Wire Shear Tests M = Mechanical Thin Wall Tube Sample Attempt W = Weight of Rods or Casing M = Mechanical Thin Wall Tube Sample Attempt				N = Penetration Field Wire Shear Strength (psi) T _u (lb) = Lab wire sheared Shear Strength (psi) Q _p = Shear and Compressive Strength (psi) N _{uncorr} = Net Field SPT blow Hammer Efficiency Factor = SPT Specific Annual Calibration N _{sp} = SPT Uncorrected Character for Hammer Efficiency N _{sp} = SPT Uncorrected Character for Hammer Efficiency N _{sp} = SPT Uncorrected Character for Hammer Efficiency							
Sample Information				Visual Description and Remarks							
Depth (ft.)	Sample No.	Pen./Rec. (ft.)	Sample Depth (ft.)	Blow c/s in. (ft.)	Shear Strength (psi) or RSD (%)	N _{uncorr}	N _{sp}	Casing Blows	Elevation (ft.)	Graphic Log	Laboratory Testing Residual AASTHO and Unified Class
0-5	10	24/5	0.00 - 2.00	2/4/24/4		8	14	NSA			Brown, wet, medium dense, fine to coarse SAND, little silt, little gravel.
5-10	20	24/13	5.00 - 7.00	3/21/17/13		18	69				Brown, wet, very dense, silty fine to coarse SAND, some gravel.
10-15	30	24/18	10.00 - 12.00	2/3/5/5		8	14				Grey, wet, medium dense, silty fine to coarse SAND, trace gravel.
15-20											
20-25											
25-30											
30-35											
35-40											
40-45											
45-50											
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180-185											
185-190					</						

Maine Department of Transportation										Project: Integral Roadway at U.S. Route 1 and Belvedere		Boring No.: HB-DAM-104	
Soil/Bore Exploration Log										Location: Damariscotta, Maine		WIN: 26019.00	
US CUSTOMARY UNITS													
Drillers		Seaboard Drilling		Elevation (ft.)		38.6		Auger ID (in)		2.25/6.25"			
Operator		Ryan Mori		Datum		NAVD88		Sampler		Standard Split/ Spoon			
Logged By		B. Atler		Rig Type		Ditchdirt D-24		Hammer Wt./Fall		140W/30"			
Date Start/Finish		5/29/2024 09:00-09:45		Drilling Method		Hollow Stem Auger		Core Barrel		N/A			
Boring Location		443-82.8, 56.5 ft LxL		Casing ID (in)		N/A		Water Level		None Observed			
Hammer Efficiency Factor: 1.08				Hammer Type		Automatic B		Hydraulic		Rope & Cathode			
Definitions: S = Split-Spoon Sample H = Rod Core Sample S14 = Split Stem Auger H14 = Hollow Stem Auger U = Thin Wall Tube Sample M = Miscellaneous Field Test Sample Attempt M1 = Field Vane Shear Test M2 = Field Cone Shear Test M3 = Field Penetration Test M4 = Field Blow Count Test M5 = Field Seismicity Test M6 = Field Seismicity Test M7 = Field Seismicity Test M8 = Field Seismicity Test M9 = Field Seismicity Test M10 = Field Seismicity Test M11 = Field Seismicity Test M12 = Field Seismicity Test M13 = Field Seismicity Test M14 = Field Seismicity Test M15 = Field Seismicity Test M16 = Field Seismicity Test M17 = Field Seismicity Test M18 = Field Seismicity Test M19 = Field Seismicity Test M20 = Field Seismicity Test M21 = Field Seismicity Test M22 = Field Seismicity Test M23 = Field Seismicity Test M24 = Field Seismicity Test M25 = Field Seismicity Test M26 = Field Seismicity Test M27 = Field Seismicity Test M28 = Field Seismicity Test M29 = Field Seismicity Test M30 = Field Seismicity 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Seismicity Test M240 = Field Seismicity Test M241 = Field Seismicity Test M242 = Field Seismicity Test M243 = Field Seismicity Test M244 = Field Seismicity Test 													

[illegible]

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LEGEND

2"C, 2#12, 1#12(G)

.....

RELOCATED OHW

□

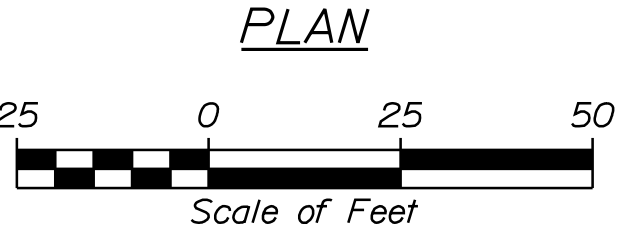
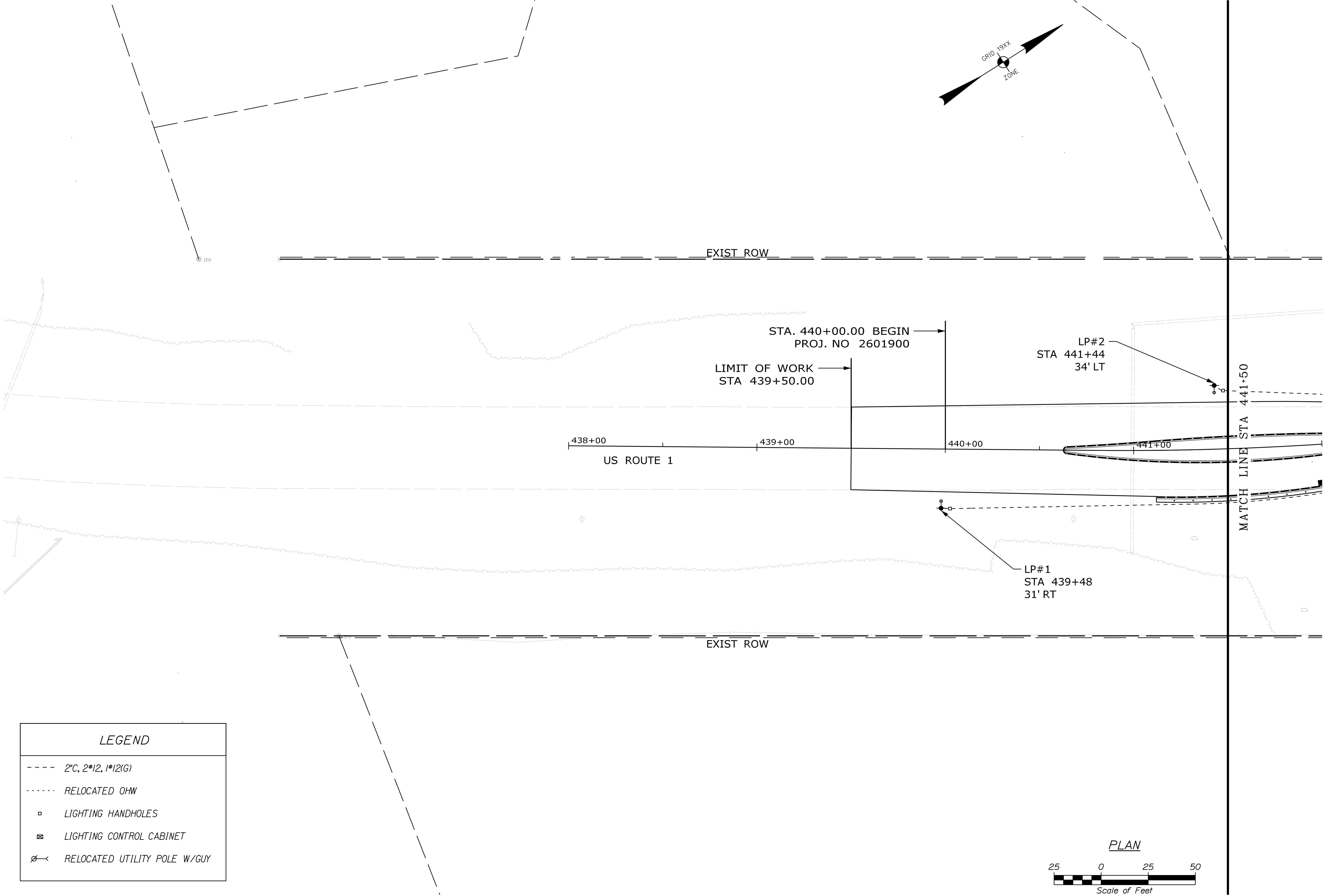
LIGHTING HANDHOLES

⊠

LIGHTING CONTROL CABINET

⊘←

RELOCATED UTILITY POLE W/GUY



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00

HIGHWAY PLANS

DAMARISCOTTA
US1 AT BELVEDERE RD

LIGHTING PLANS

SHEET NUMBER

17

OF 77

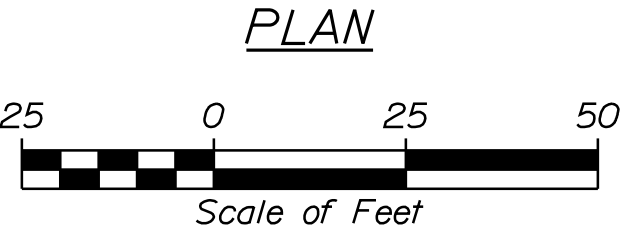
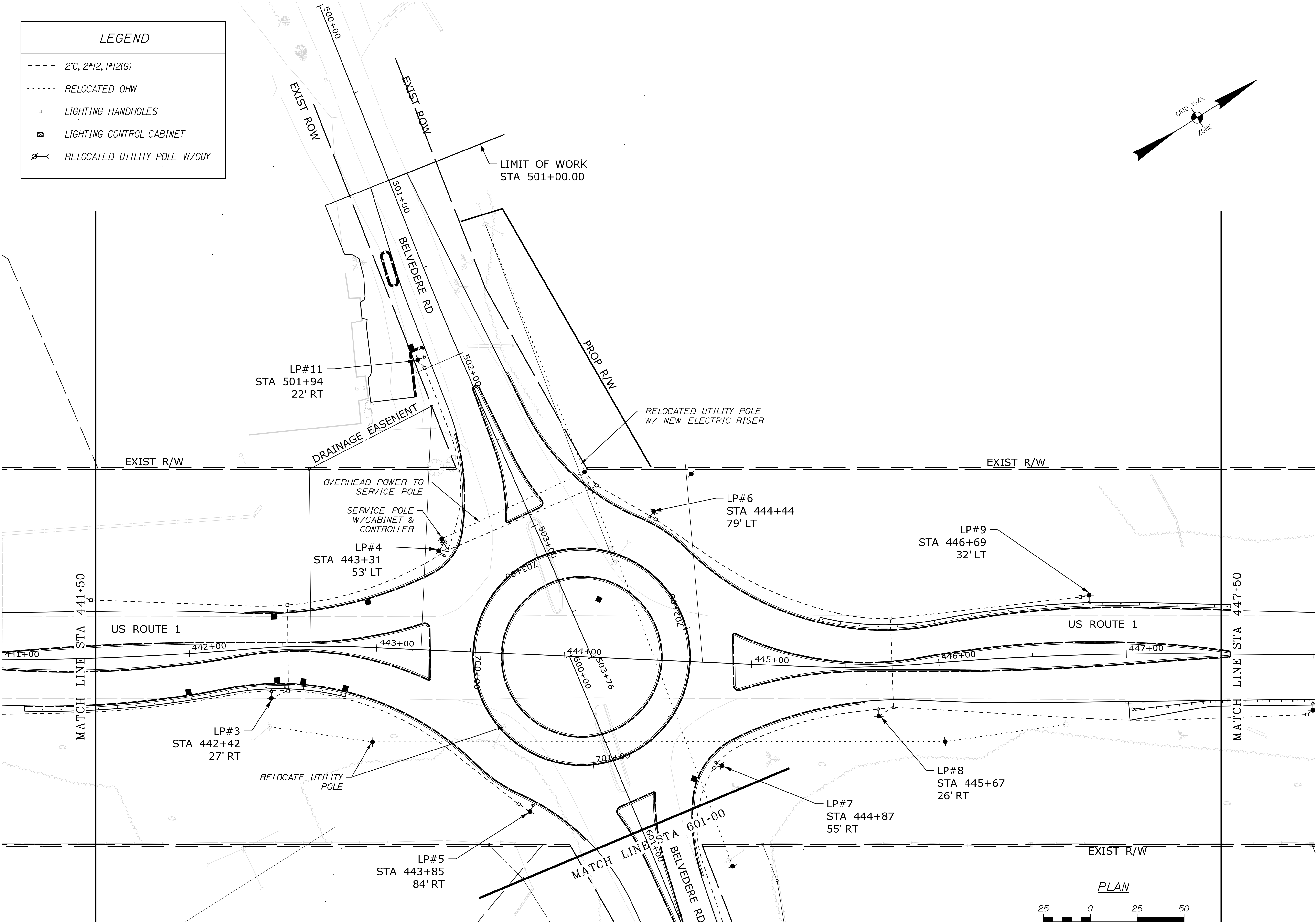
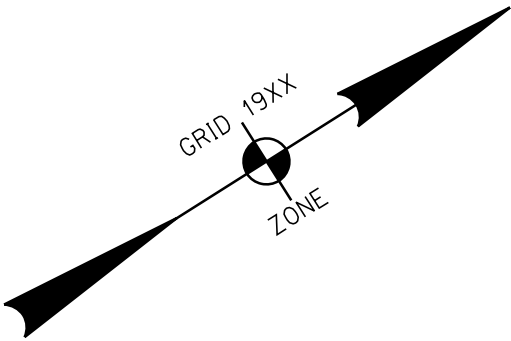
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DESIGN-DETAILED	J. DRAMBAUGH	S. MURPHY	1/25
CHECKED-REVIEWED	S. MURPHY	-	1/25
DESIGN-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

SIGNATURE

P.E. NUMBER

DATE

LEGEND	
----	2"C, 2*12, 1*12(G)
-----	RELOCATED OHW
□	LIGHTING HANDHOLES
⊠	LIGHTING CONTROL CABINET
⊕←	RELOCATED UTILITY POLE W/GUY

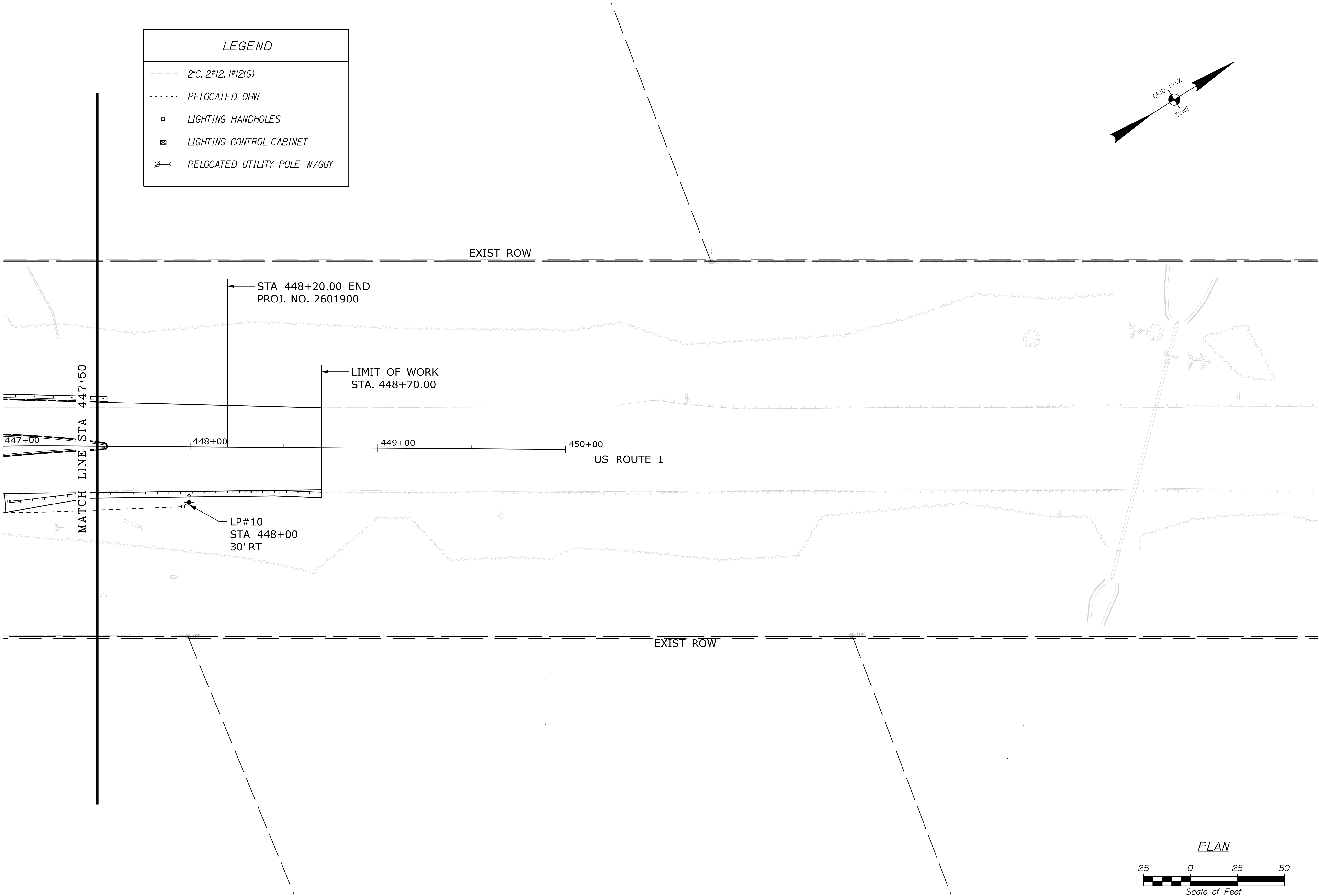


STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	26019.00
HIGHWAY PLANS	

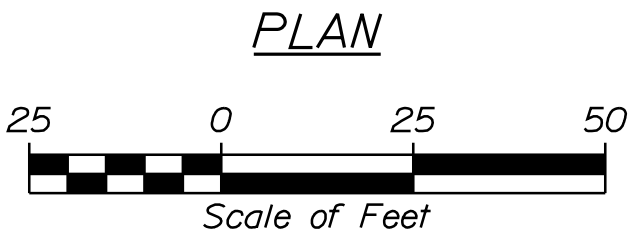
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DESIGNED-DETAILED	J. DRAMBAUGH	J. DRAMBAUGH	1/25
CHECKED-REVIEWED	S. MURPHY	S. MURPHY	1/25
DESIGNED-DETAILED	-	-	-
DESIGNED-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

DAMARISCOTTA RD US1 AT BELVEDERE RD	
LIGHTING PLANS	

SHEET NUMBER
18
OF 77



LEGEND	
---	2" C, 2#12, 1#12(G)
----	RELOCATED OHV
□	LIGHTING HANDHOLES
⊠	LIGHTING CONTROL CABINET
⊗	RELOCATED UTILITY POLE W/GUY

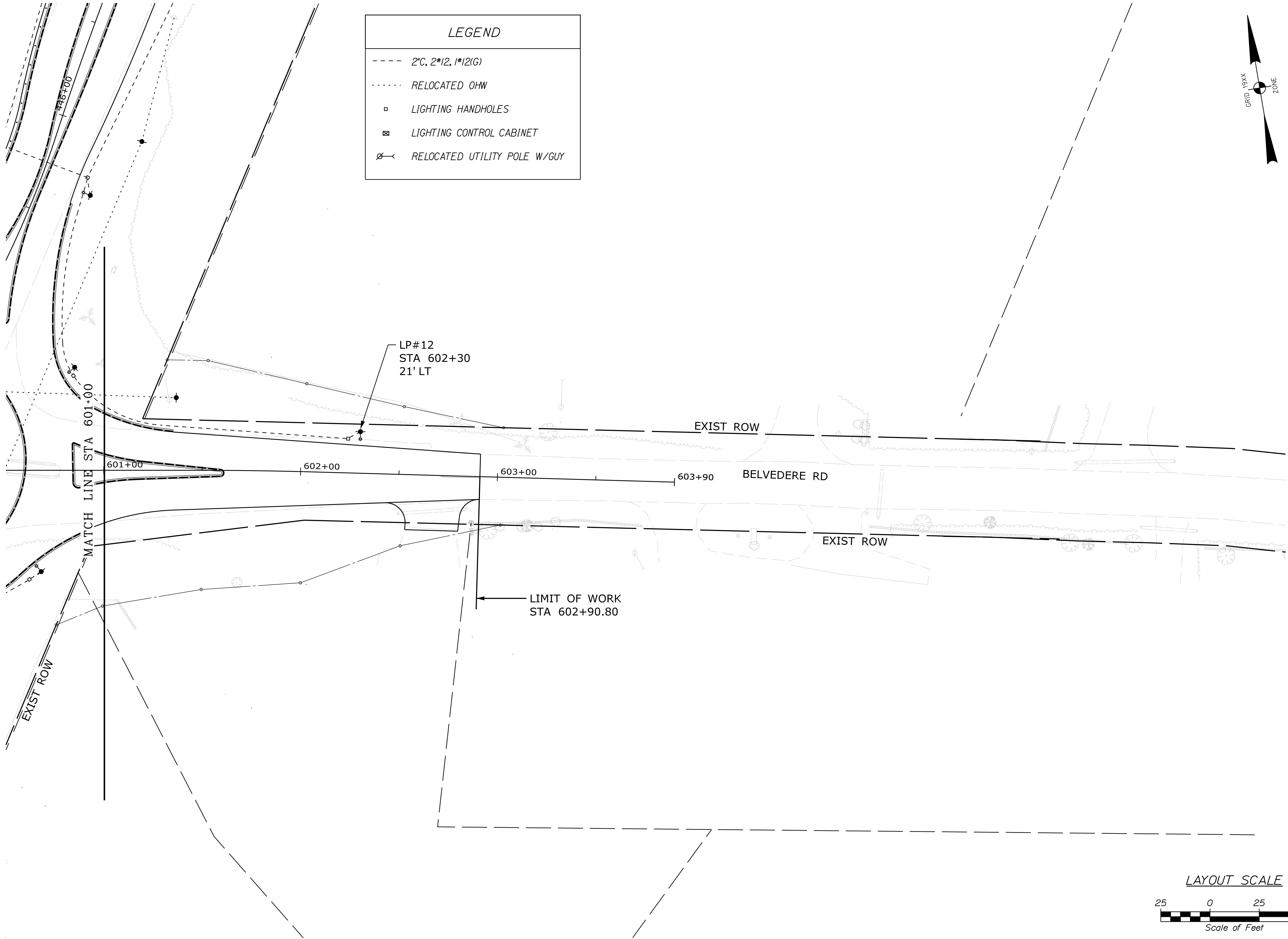


STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
	WIN 26019.00

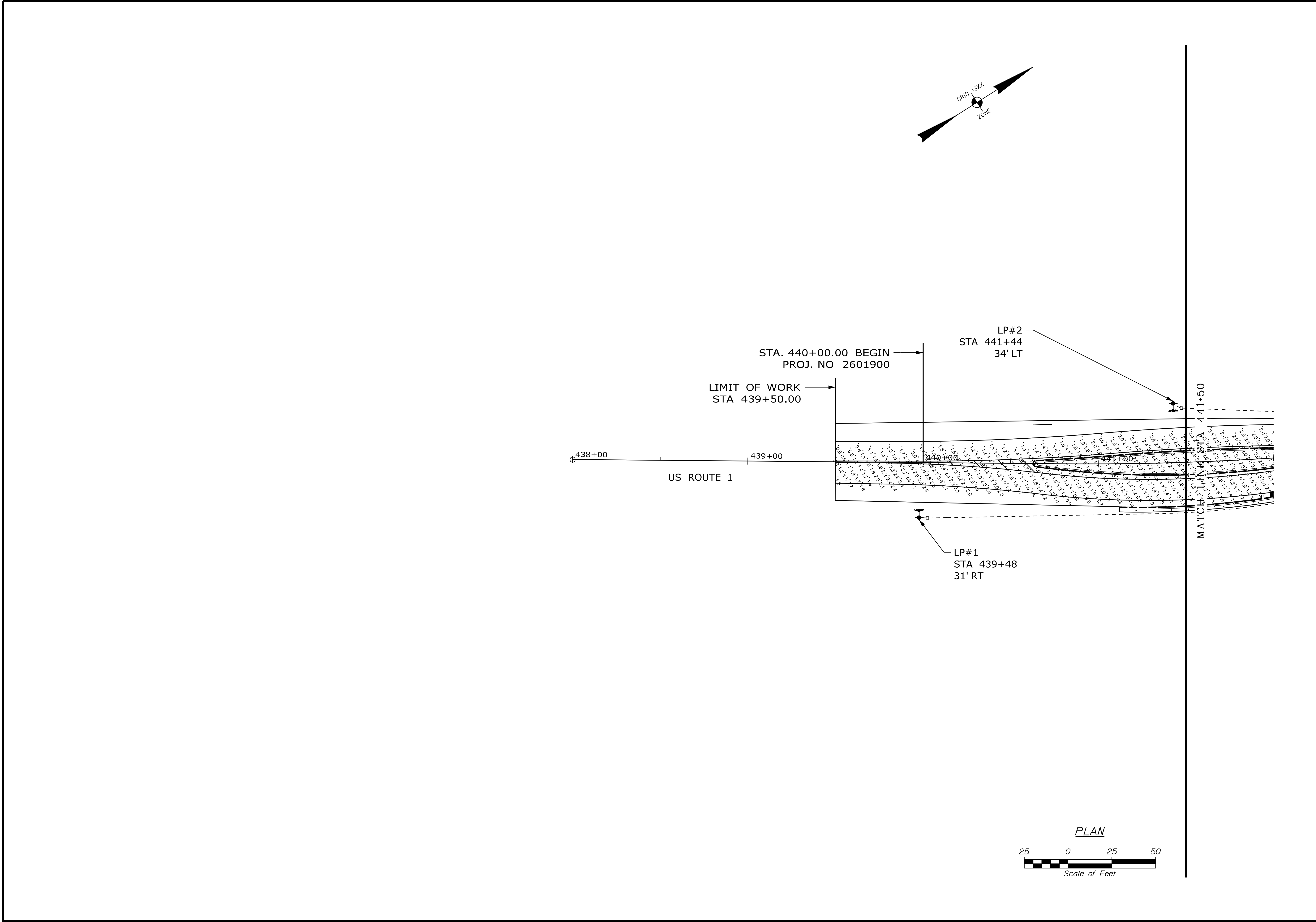
PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	J. DRAMBALGH	J. DRAMBALGH	1/25
CHECKED-REVIEWED	S. MURPHY	S. MURPHY	1/25
DESIGN-DETAILED	-	-	-
DESIGN-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

DAMARISCOTTA US1 AT BELVEDERE RD	SIGNATURE
	P.E. NUMBER
DATE	

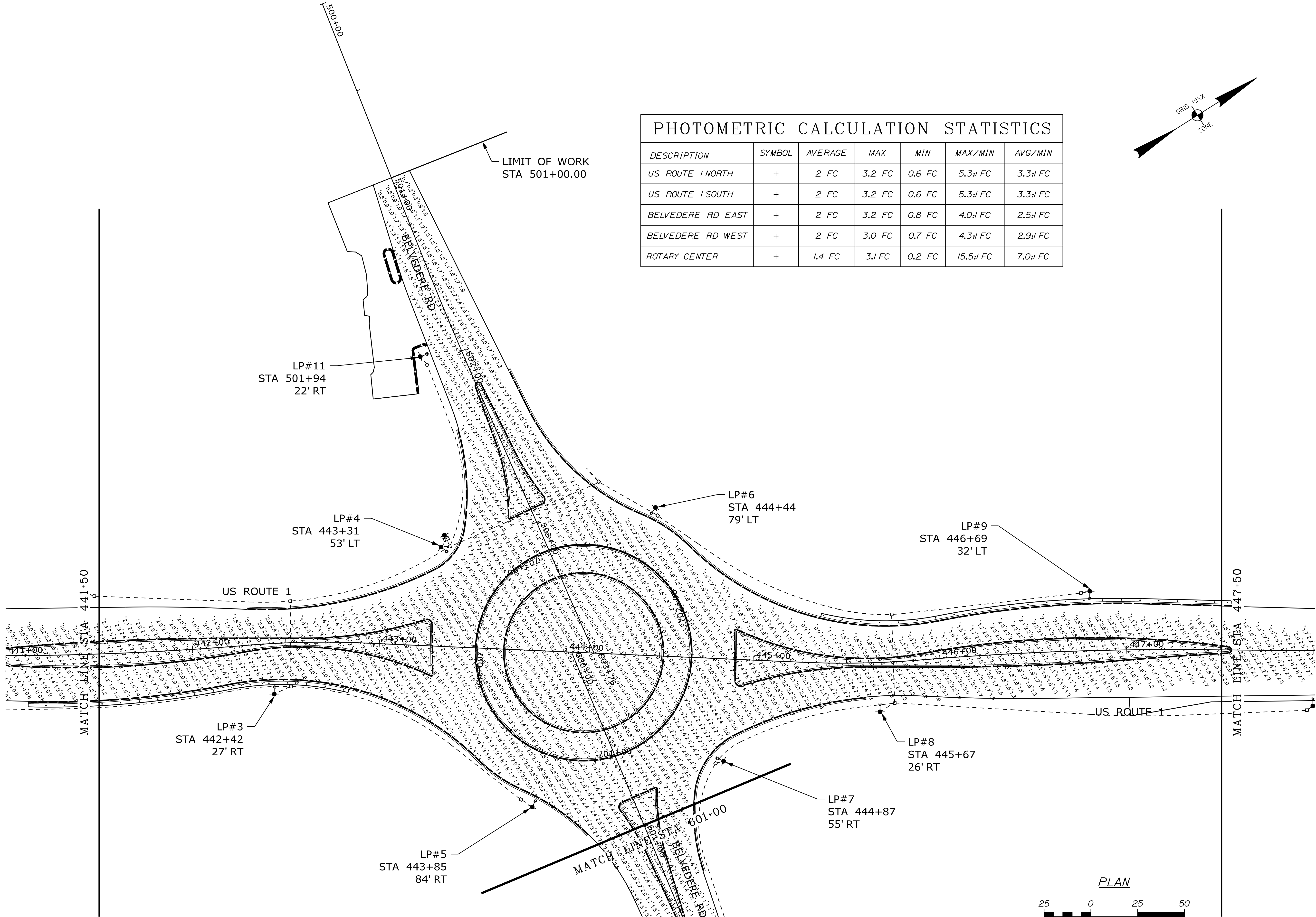
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19
OF 77



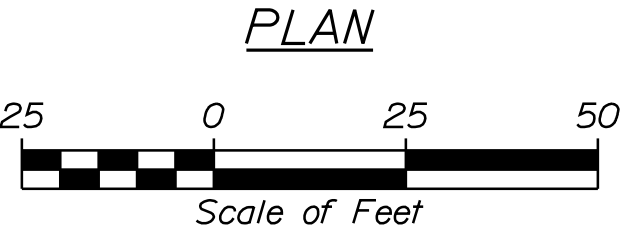
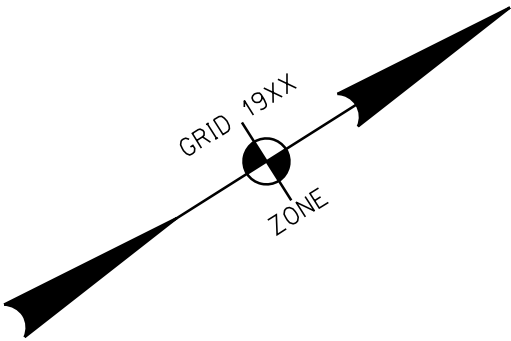
STATE OF MAINE DEPARTMENT OF TRANSPORTATION				
			SIGNATURE	
			P.E. NUMBER	
SHEET NUMBER		DATE		
20				
OF 77				
DAMARISCOTTA US1 AT BELVEDERE RD		PROJ. MANAGER	D. COOMBS	BY
LIGHTING PLANS		CHECKED-DETAILED	J. DRAMBAUGH	DATE
		CHECKED-REVIEWED	S. MURPHY	1/25
		DESIGN-DETAILED	-	1/25
		REVISIONS 1	-	-
		REVISIONS 2	-	-
		REVISIONS 3	-	-
		REVISIONS 4	-	-
		FIELD CHANGES	-	-
		WIN		
		26019.00		
		HIGHWAY PLANS		

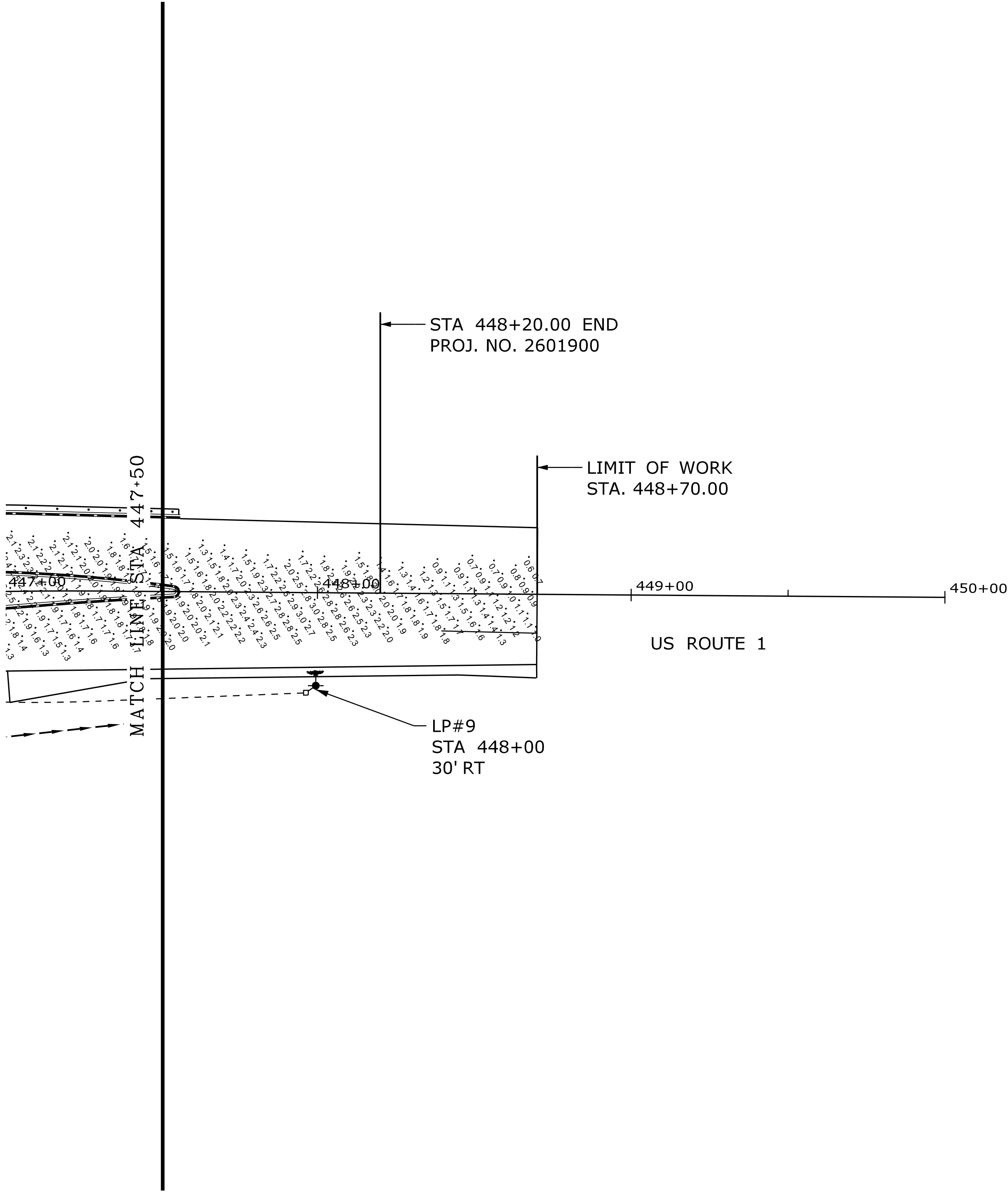


DAMARISCOTTA US1 AT BELVEDERE RD	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
	SIGNATURE P.E. NUMBER DATE			
SHEET NUMBER 21 OF 77	WIN 26019.00 HIGHWAY PLANS			

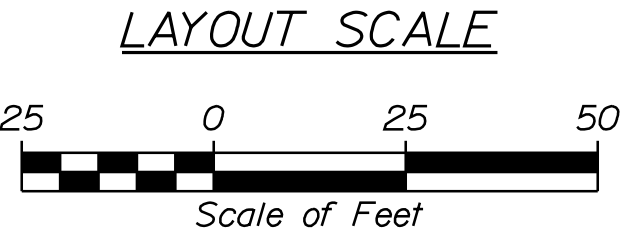
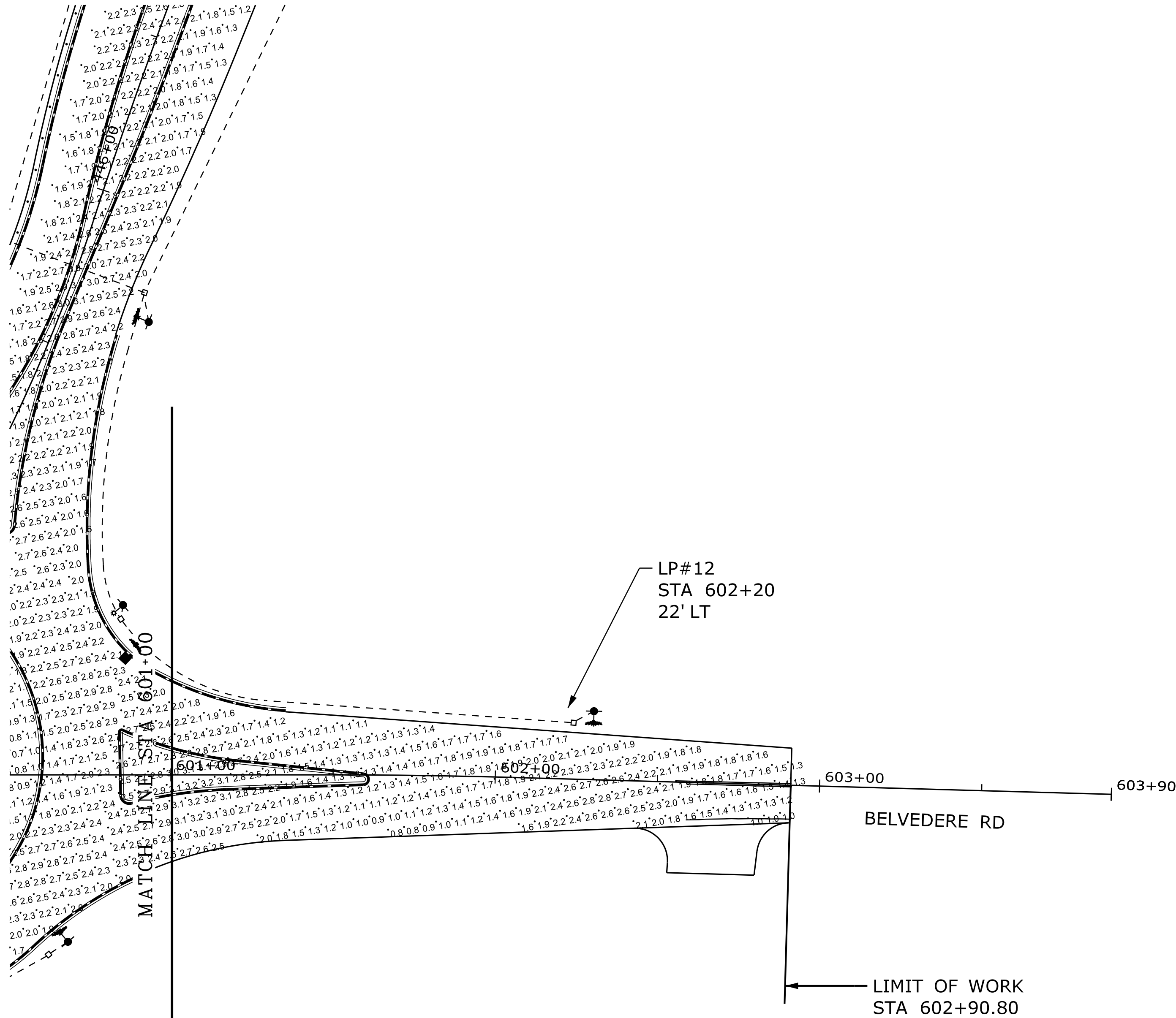


PHOTOMETRIC CALCULATION STATISTICS						
DESCRIPTION	SYMBOL	AVERAGE	MAX	MIN	MAX/MIN	AVG/MIN
US ROUTE 1 NORTH	+	2 FC	3.2 FC	0.6 FC	5.3:1 FC	3.3:1 FC
US ROUTE 1 SOUTH	+	2 FC	3.2 FC	0.6 FC	5.3:1 FC	3.3:1 FC
BELVEDERE RD EAST	+	2 FC	3.2 FC	0.8 FC	4.0:1 FC	2.5:1 FC
BELVEDERE RD WEST	+	2 FC	3.0 FC	0.7 FC	4.3:1 FC	2.9:1 FC
ROTARY CENTER	+	1.4 FC	3.1 FC	0.2 FC	15.5:1 FC	7.0:1 FC





STATE OF MAINE DEPARTMENT OF TRANSPORTATION				
			SIGNATURE	
			P.E. NUMBER	
SHEET NUMBER		DATE		
23				
OF 77				
WIN 26019.00		HIGHWAY PLANS		



STATE OF MAINE DEPARTMENT OF TRANSPORTATION					SIGNATURE
WIN 26019.00 HIGHWAY PLANS					

1. SCOPE OF WORK - INSTALL HIGHWAY LIGHTING AS SHOWN ON THIS PLAN. INSTALL NEW CONDUIT, WIRING, FOUNDATIONS, POLES, LED LUMINAIRES AND RELATED HARDWARE.
2. ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO APPLICABLE PROVISIONS OF THE MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS AND STANDARD DETAILS, NATIONAL ELECTRICAL CODE AND ANY REQUIREMENTS OF THE UTILITY COMPANY.
3. THE CONTRACTOR SHALL FIELD VERIFY POLE LOCATIONS TO AVOID NATURAL AND BUILT SITE FEATURES THAT WOULD CONFLICT WITH PROPER INSTALLATION OF POLE FOUNDATIONS.
4. THE CONTRACTOR SHALL VISIT THE SITE PRIOR TO BIDDING TO ENSURE AWARENESS OF SITE CONDITIONS THAT COULD AFFECT THE BID.
5. FIXTURES SHALL BE IES FULL CUTOFF, INDIRECT VIEW LIGHT EMITTING DIODE (LED) FIXTURES. IES DISTRIBUTION TYPE SHALL BE AS SHOWN ON THE PLANS. FIXTURE VOLTAGE SHALL BE 240 VOLTS.
6. LIGHT STANDARDS SHALL BE ROUND TAPERED ALUMINUM, WITH POLYESTER POWDER COAT BLACK PAINT FINISH.
7. LIGHT STANDARDS SHALL BE MANUFACTURED BY VALMONT, MODEL R-380845906T4-DI-DBL.
8. LIGHT STANDARDS SHALL BE EQUIPPED WITH A SINGLE ARM ASSEMBLY, MODEL IHT90-DBL.
9. LIGHT STANDARDS SHALL BE EQUIPPED WITH BREAKAWAY POLE BASES MANUFACTURED BY TRANSP0, MODEL 4100.
10. LIGHT STANDARDS SHALL BE EQUIPPED WITH POLE BASE COVERS MANUFACTURED BY VALMONT, MODEL 2T03AC-DBL.
11. FIXTURES SHALL BE GASKETED, HAVE AN EXTENDED LIFE DRIVER, SURGE PROTECTION, AND A DOUBLE FUSE KIT. ALL FIXTURES SHALL BE ALUMINUM WITH POLYESTER POWDER COAT BLACK PAINT FINISH. THE LIGHTING LAYOUT WAS DONE USING AMERICAN ELECTRIC LIGHTING AUTOBAHN SERIES ATB0, MODEL NUMBER ATB0-P452-MVOLT-R2 WITH HOUSE-SIDE SHIELD ACCESSORY AND 3 PIN NEMA PHOTOCONTROL RECEPTACLE. IF DIFFERENT FIXTURES ARE PROPOSED, THEY SHALL BE IES FULL CUTOFF, TYPE 2 OR 3 IES DISTRIBUTION, INDIRECT VIEW LED LUMINAIRES WITH PHOTOCONTROL RECEPTACLE OR INTEGRATED PHOTOCONTROL. THE CONTRACTOR MUST DEMONSTRATE THAT THE PROPOSED FIXTURES WILL REASONABLY EQUAL THE LIGHT LEVELS AND DISTRIBUTION SHOWN ON THE PLANS, IN THE OPINION OF MAINEDOT.
12. EVALUATION BY MAINEDOT OF ALTERNATIVE LED LUMINAIRES THAT MAY BE PROPOSED BY THE CONTRACTOR FOR SUBSTITUTION WILL REQUIRE SUBMITTAL OF THE FOLLOWING, AT A MINIMUM:

IES LM-79-08 ABSOLUTE TESTING REPORT FOR THE PROPOSED ALTERNATIVE LUMINAIRE;

IES LM-80-08 TESTING REPORT FOR LED CHIPS TO BE USED IN THE ALTERNATIVE LUMINAIRE, DOCUMENTING TESTING FOR A MINIMUM OF 8500 HOURS;

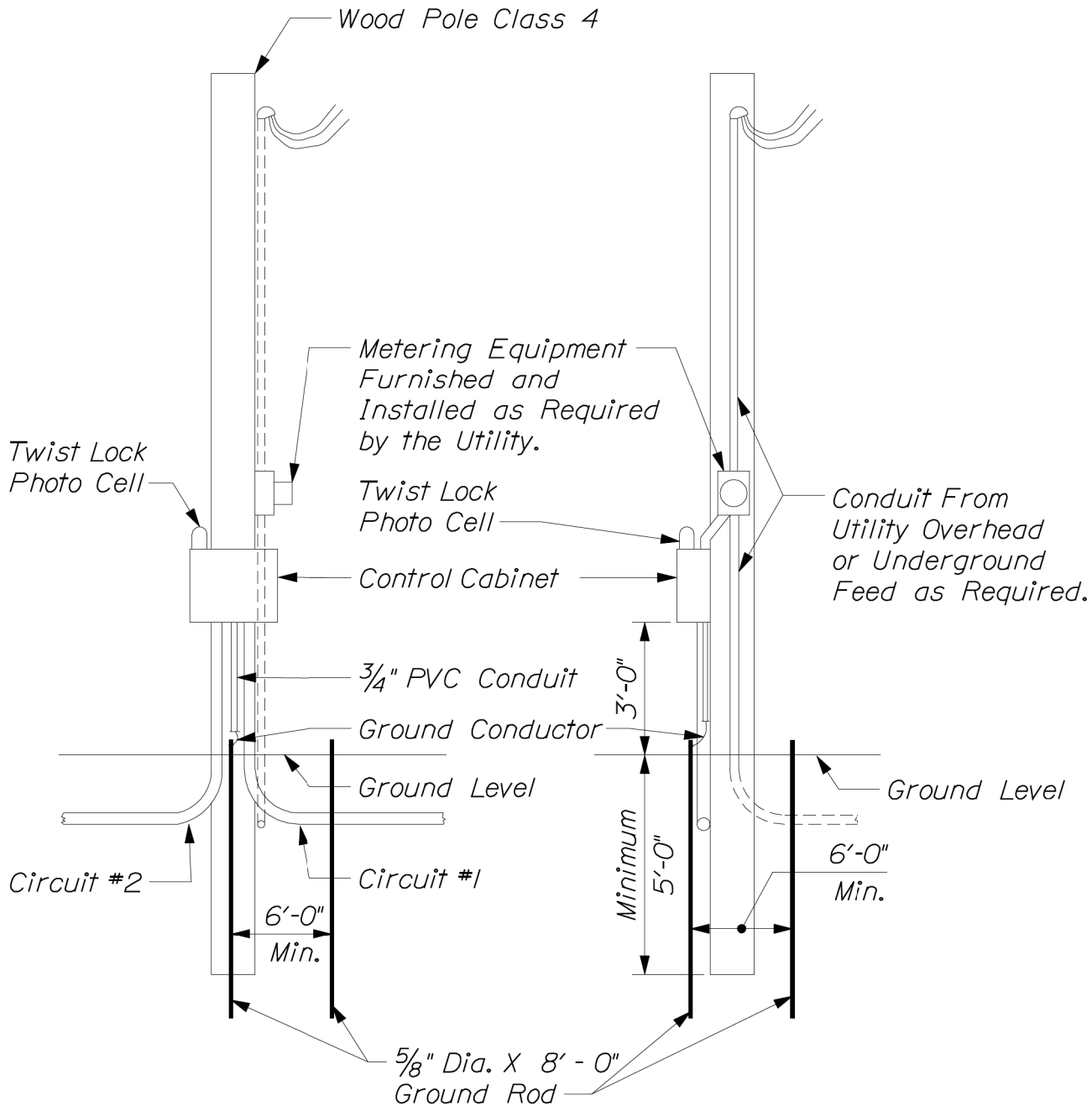
IES TM-21-II REPORT FOR PROJECTED LONG TERM LUMEN MAINTENANCE, INCLUDING INCREMENTAL LUMEN DEPRECIATION TABLE AT 25 DEGREES CELSIUS TO A MINIMUM OF 50,000 HOURS;

IES ELECTRONIC PHOTOMETRIC FILE FROM THE MANUFACTURER FOR THE PROPOSED ALTERNATIVE LUMINAIRE;

PHOTOMETRIC PLOT, OVERLAID ON THE LAYOUT OF THE LUMINAIRE LOCATIONS FOR THIS SPECIFIC PROJECT, SHOWING LIGHT CONTOURS, ILLUMINATION STATISTICS FOR EACH OF THE LIGHTING ANALYSIS AREAS, AND VALUE OF LIGHT LOSS FACTOR USED IN THE ANALYSIS;

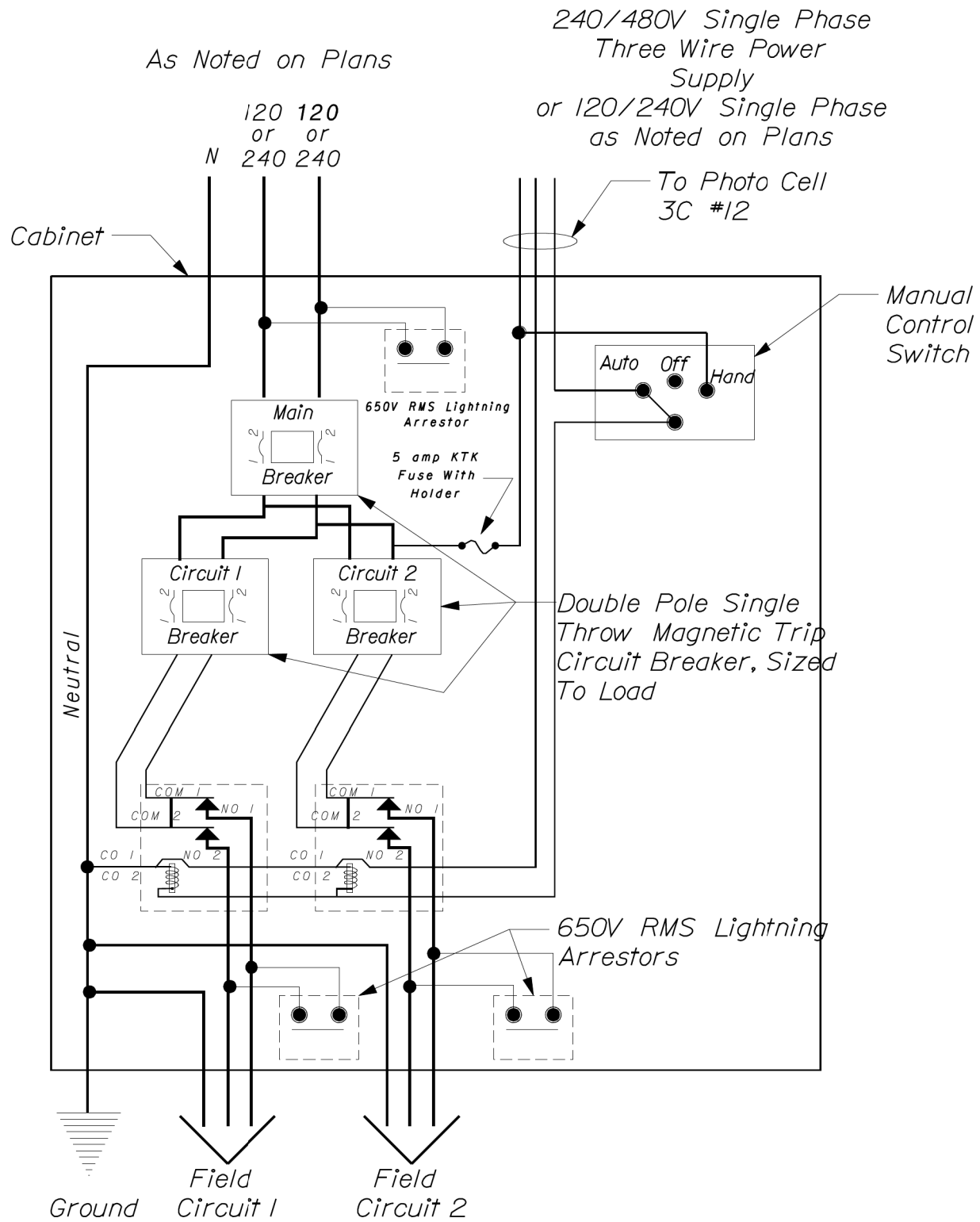
VALUES OF LLD, LDD, AND OTHER FACTORS USED FOR CALCULATION OF THE ASSUMED LIGHT LOSS FACTOR;

SPECIFICATION DATA REGARDING OPTICS, CHROMATIC COLOR TEMPERATURE, DRIVER, PHOTOCONTROL, SURGE PROTECTION, HOUSING AND GASKETING.
13. ALL CONDUITS SHALL BE 2" MINIMUM SCHEDULE 40 PVC DIRECT-BURIED, UNLESS OTHERWISE NOTED. MINIMUM BURIAL DEPTH FOR CONDUIT SHALL BE 36".
14. CONDUITS UNDER ROADWAY SHALL BE SCHEDULE 80 PVC-COATED RIGID STEEL.
15. THE UNDERGROUND SERVICE CONNECTION CARRYING SECONDARY UTILITY POWER TO THE MAINEDOT METER SHALL BE CONCRETE ENCASED PVC CONDUIT.
16. ALL ELECTRICAL HANDHOLES SHALL BE H-20 RATED.
17. IF STRUCTURAL ROCK IS ENCOUNTERED DURING INSTALLATION OF FOUNDATIONS, PAYMENT FOR EXCAVATION AND DOWELING REINFORCING INTO ROCK SHALL BE CONSIDERED INCIDENTAL TO THE FOUNDATION ITEMS.
18. PAYMENT UNDER ITEM 634.160 - HIGHWAY LIGHTING WILL INCLUDE ALL MATERIALS, LABOR AND EQUIPMENT NECESSARY TO PROVIDE A FULLY FUNCTIONING HIGHWAY LIGHTING SYSTEM, EXCEPT THOSE ITEMS TO BE PAID FOR UNDER OTHER RELATED BID ITEMS IN THE CONTRACT.
19. ALL LIGHT BASES SHALL HAVE A GROUND ROD, LOCATED IN THE FOUNDATION, THAT IS BONDED TO THE GROUNDING CONDUCTOR. PAYMENT FOR THE GROUND ROD SHALL BE INCLUDED UNDER ITEM 634.16 - HIGHWAY LIGHTING.
20. PAYMENT UNDER ITEM 634.210 - CONVENTIONAL LIGHT STANDARD INCLUDES, BUT IS NOT LIMITED TO, NEW POLES, TRANSFORMER BASES AND BREAKAWAY DEVICES.
21. CONTRACTOR SHALL FURNISH A SET OF AS-BUILT PLANS FOR FUTURE REFERENCE AND SYSTEM MAINTENANCE UPON COMPLETION OF THE PROJECT.
22. PROVIDE ELECTRIC SERVICE UNDER ITEM 634.25 AND CONFORM TO THE REQUIREMENTS OF SECTION 716.11 - SERVICE EQUIPMENT.



~ FRONT ~
~ SIDE ~
~ SERVICE POLE ~

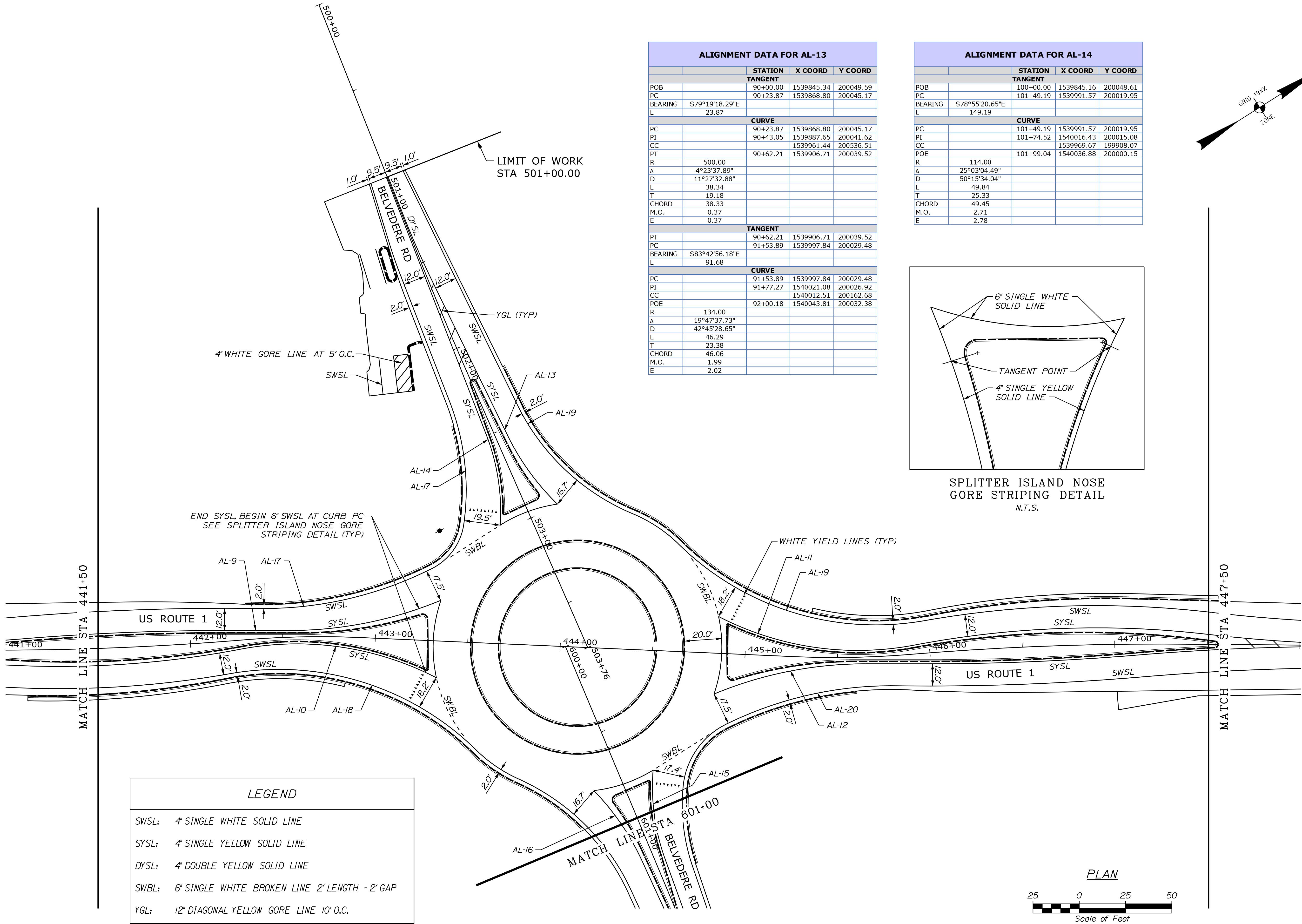
HIGHWAY LIGHTING
634(01)

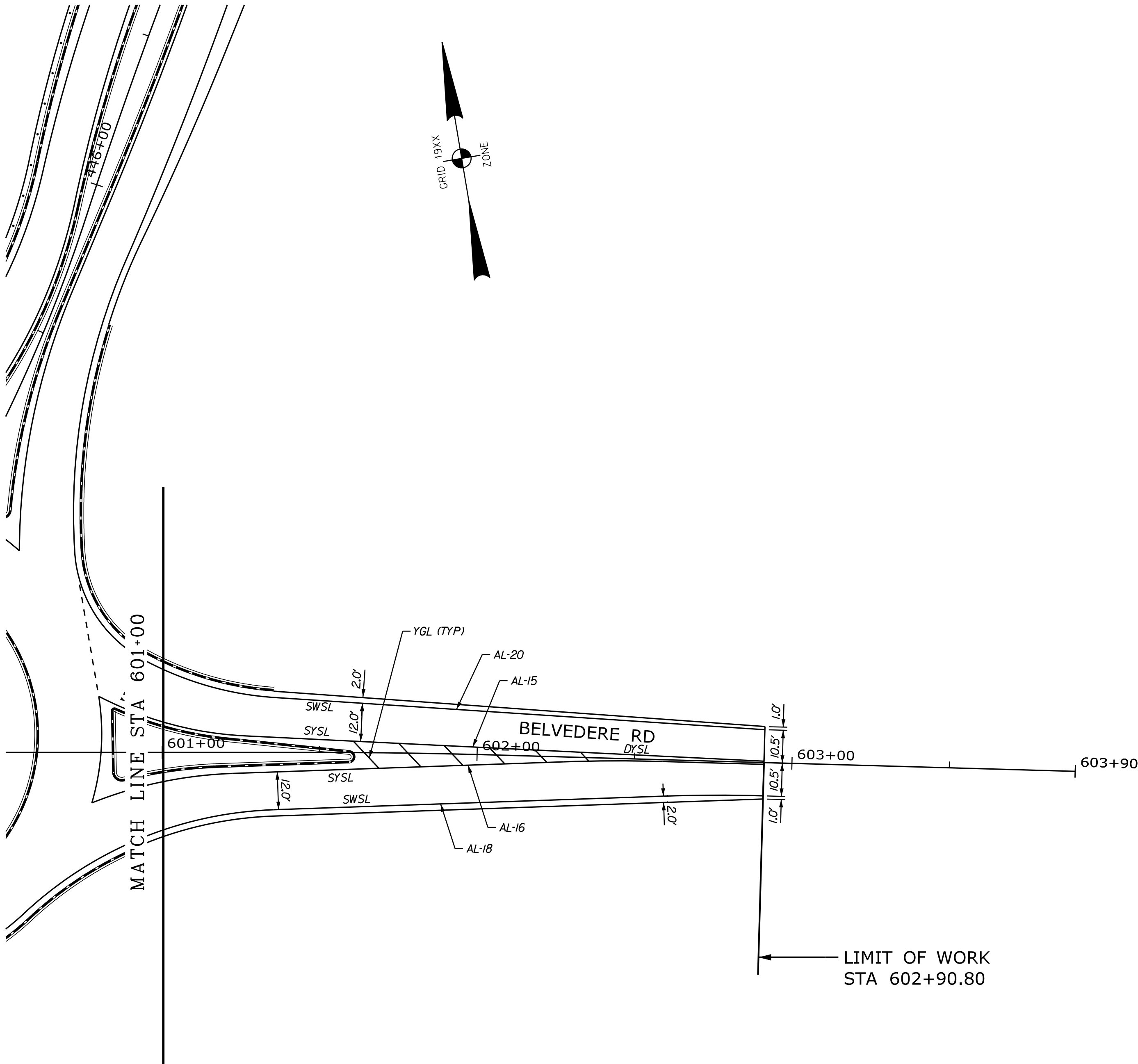


~ SCHEMATIC FOR STREET LIGHTING
CONTROL CABINET - MULTI CIRCUIT ~

HIGHWAY LIGHTING
634(03)

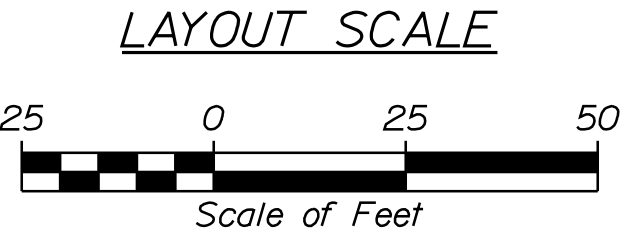
STATE OF MAINE DEPARTMENT OF TRANSPORTATION																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							</
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ALIGNMENT DATA FOR AL-15				
		STATION	X COORD	Y COORD
CURVE				
PC		110+00.00	1540192.88	199999.28
PI		110+24.79	1540212.70	199984.40
CC			1540261.34	200090.44
PT		110+48.82	1540236.91	199979.09
R	114.00			
Δ	24°32'08.96"			
D	50°15'34.04"			
L	48.82			
T	24.79			
CHORD	48.45			
M.O.	2.60			
E	2.66			
TANGENT				
PT		110+48.82	1540236.91	199979.09
PC		112+13.49	1540397.76	199943.80
BEARING	S 77°37'34.52"E			
L	164.67			

ALIGNMENT DATA FOR AL-16				
		STATION	X COORD	Y COORD
CURVE				
POB		120+00.00	1540185.10	199966.29
PI		120+23.17	1540207.76	199971.12
CC			1540213.05	199835.24
PT		120+45.88	1540230.73	199968.07
R	134.00			
Δ	19°37'01.18"			
D	42°45'28.65"			
L	45.88			
T	23.17			
CHORD	45.66			
M.O.	1.96			
E	1.99			
TANGENT				
PT		120+45.88	1540230.73	199968.07
PC		121+50.96	1540334.88	199954.21
BEARING	S 82°25'10.43"E			
L	105.08			
CURVE				
PC		121+50.96	1540334.88	199954.21
PI		121+66.72	1540350.51	199952.13
CC			1540268.92	199458.58
PT		121+82.48	1540365.98	199949.07
R	500.00			
Δ	3°36'43.33"			
D	11°27'32.88"			
L	31.52			
T	15.77			
CHORD	31.52			
M.O.	0.25			
E	0.25			
TANGENT				
PT		121+82.48	1540365.98	199949.07
POE		122+14.68	1540397.57	199942.82
BEARING	S 78°48'27.10"E			
L	32.20			



LEGEND	
SWSL:	4" SINGLE WHITE SOLID LINE
SYSL:	4" SINGLE YELLOW SOLID LINE
DYSL:	4" DOUBLE YELLOW SOLID LINE
SWBL:	18" SINGLE WHITE BROKEN LINE 2' LENGTH - 2' GAP
YGL:	12" DIAGONAL YELLOW GORE LINE 10' O.C.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00
HIGHWAY PLANS

DAMARISCOTTA
US1 AT BELVEDERE RD

STRIPING PLANS

SHEET NUMBER
29
OF 77

PROJ. MANAGER
D. COOMBS
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

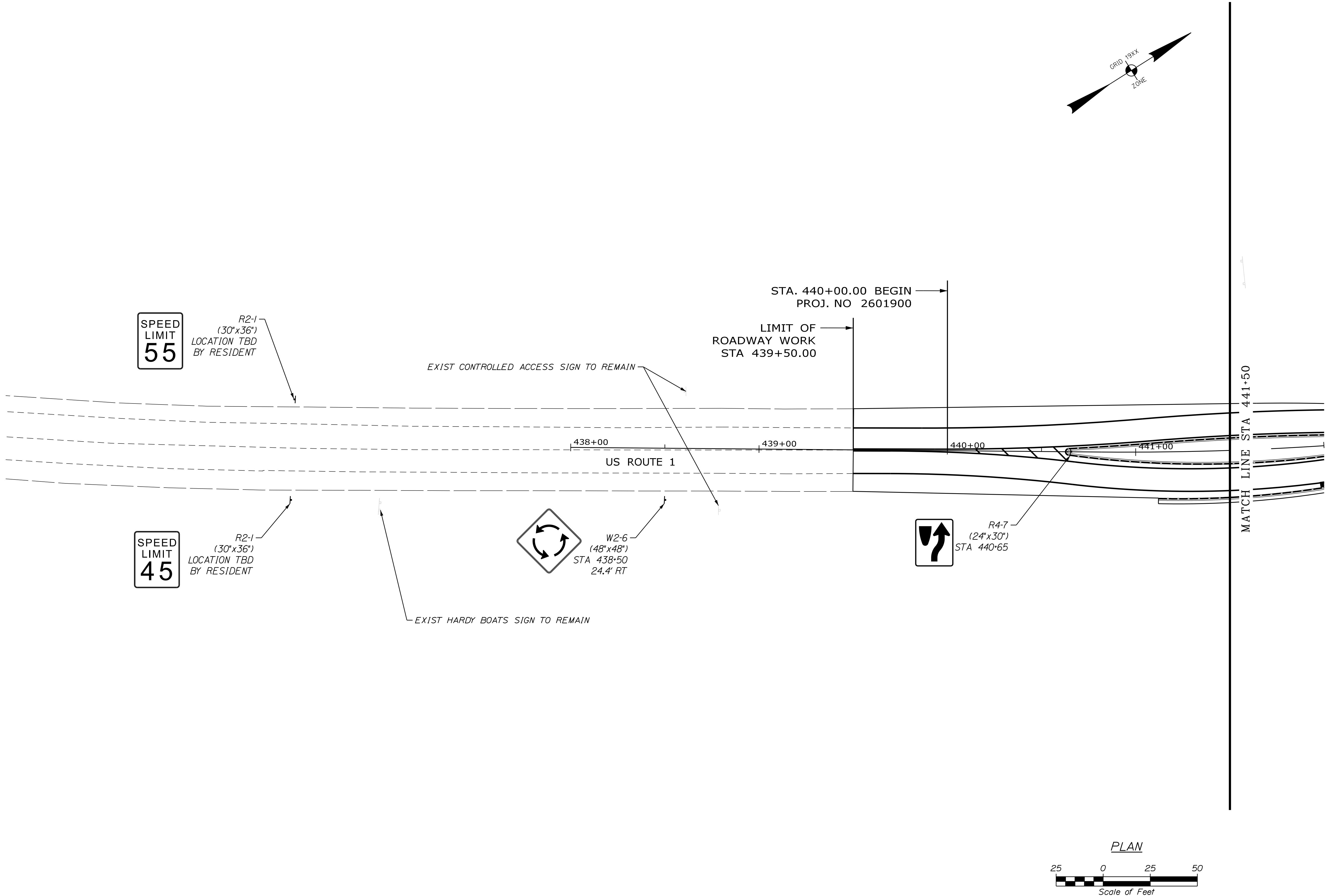
BY
R. HALZACK
S. MURPHY
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DATE
1/25
1/25
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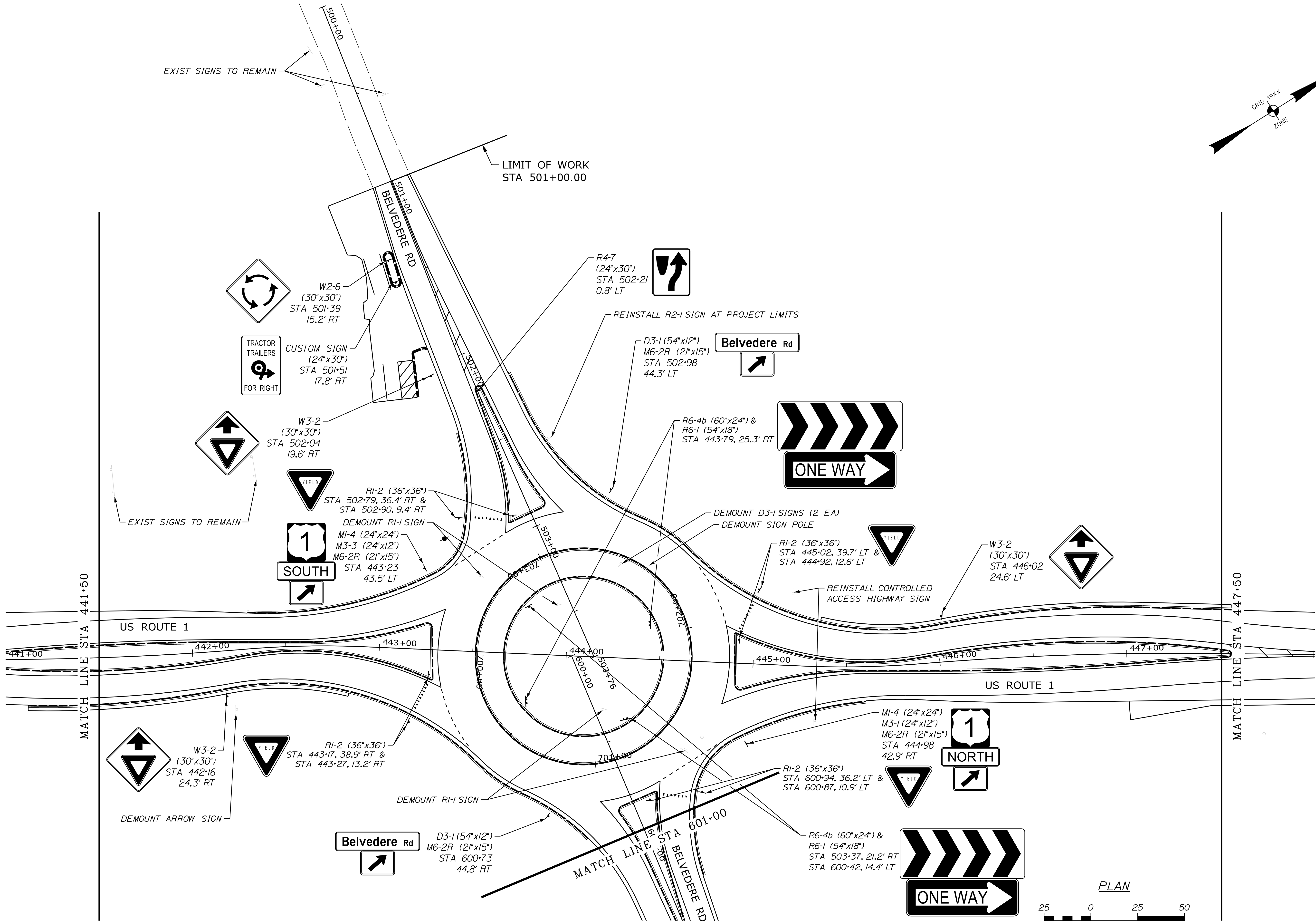
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P.E. NUMBER

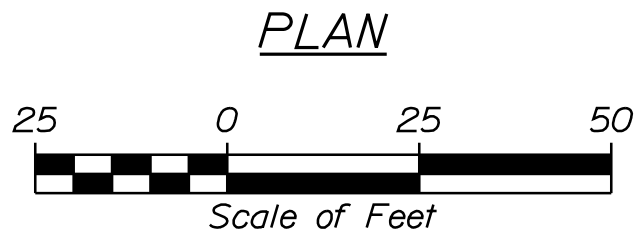
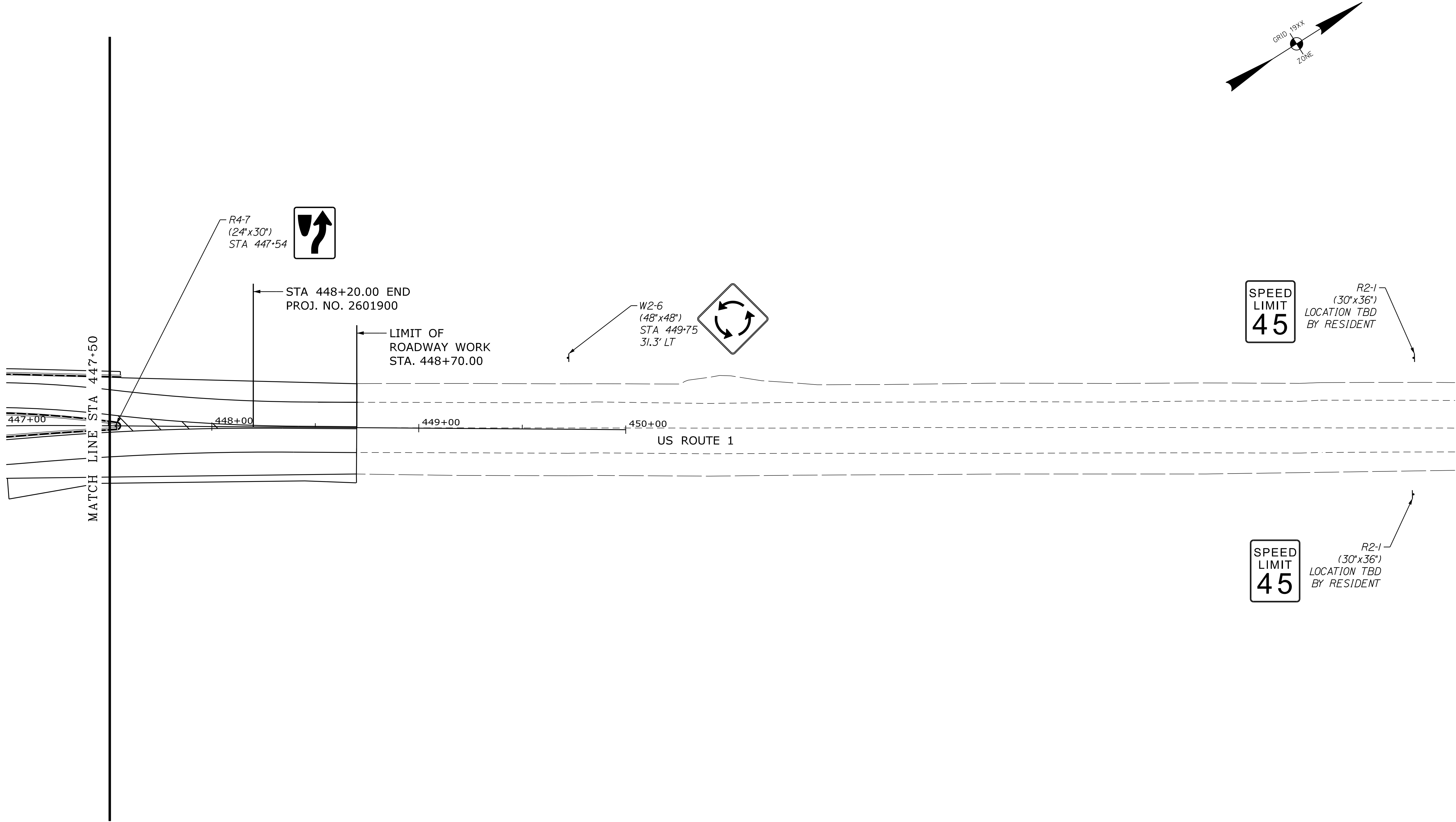
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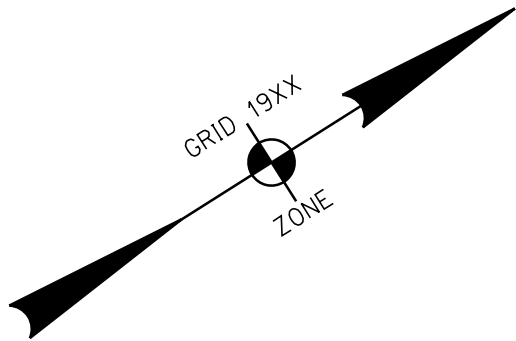
STATE OF MAINE DEPARTMENT OF TRANSPORTATION				
	DESIGN-DETAILED CHECKED-REVIEWED DESIGN-DETAILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	BY D. COOMBS R. HALZACK S. MURPHY - - - - -	DATE 1/25 1/25 - - - - - -	SIGNATURE P.E. NUMBER DATE
	WIN 26019.00 HIGHWAY PLANS			
DAMARISCOTTA US1 AT BELVEDERE RD		SIGNING PLANS		
SHEET NUMBER 30 OF 77				



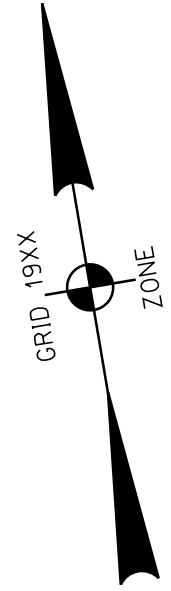
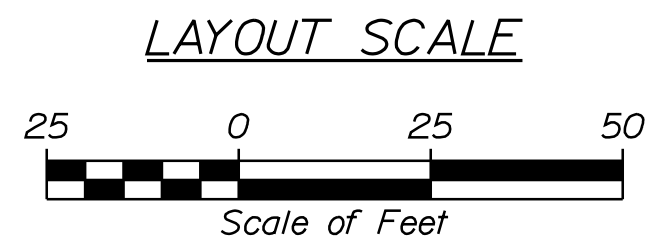
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DAMARISCOTTA		US1 AT BELVEDERE RD		SIGNATURE		P.E. NUMBER		DATE	
SIGNING PLANS		SHEET NUMBER		WIN		26019.00		HIGHWAY PLANS	
31		OF 77							



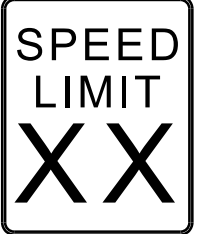
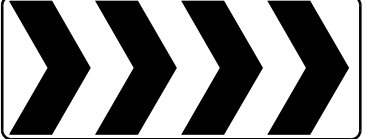
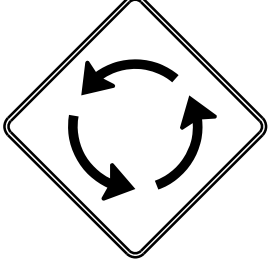
PLAN

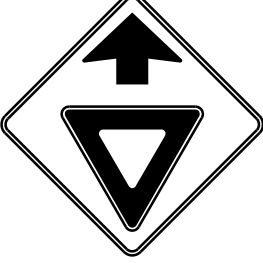


STATE OF MAINE DEPARTMENT OF TRANSPORTATION				
SHEET NUMBER 32 OF 77				
	DESIGNED-DETAILED	R. HALZACK	1/25	SIGNATURE
	CHECKED-REVIEWED	S. MURPHY	1/25	P.E. NUMBER
	DESIGNED-DETAILED	-	-	DATE
DAMARISCOTTA US1 AT BELVEDERE RD SIGNING PLANS	REVISIONS 1	-	-	-
	REVISIONS 2	-	-	-
	REVISIONS 3	-	-	-
	REVISIONS 4	-	-	-
FIELD CHANGES		-	-	-
WIN		26019.00		HIGHWAY PLANS



33 OF 77	DAMARISCOTTA US1 AT BELVEDERE RD	PROJ. MANAGER		D. COOMBS	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
		CHECKED-REVIEWED		R. HALZACK S. MURPHY	1/25	SIGNATURE	
SIGNING PLANS		DESIGN-DETAILED2		-	-	-	
		DESIGN-DETAILED3		-	-	-	
		REVISIONS 1		-	-	-	P.E. NUMBER
		REVISIONS 2		-	-	-	
		REVISIONS 3		-	-	-	
		REVISIONS 4		-	-	-	DATE
		FIELD CHANGES		-	-	-	WIN 26019.00 HIGHWAY PLANS

SIGN SUMMARY										
MUTCD NUMBER	SIZE OF SIGN (IN)		GRAPHIC	NUMBER OF SIGNS REQUIRED	COLOR		TOTAL AREA IN SQ. FT.	TYPE	SUPPORT	REMARK
	WIDTH	HEIGHT			BACK- GROUND	LEGEND BORDER				
RI-2	36	36		8	RED	WHITE	36.00	II	U-CHANNEL	-
R2-1	30	36		4	WHITE	BLACK	20.00	II	U-CHANNEL	-
R4-7	24	30		4	WHITE	BLACK	20.00	II (ALUM)	U-CHANNEL	-
R6-1	54	18		4	BLACK	BLACK/ WHITE	27	II	2 - 4"x6" WOOD POST	-
R6-4	60	24		4	WHITE	BLACK	20.00	II	-	MOUNTED WITH R6-1
M1-4	24	24		2	WHITE	BLACK	8.00	II	ROUTE ASSEMBLY	SEE DETAILS
M3-1	24	12		1	WHITE	BLACK	2.00	II	ROUTE ASSEMBLY	SEE DETAILS
M3-3	24	12		1	WHITE	BLACK	2.00	II	ROUTE ASSEMBLY	SEE DETAILS
M6-2R	21	15		4	WHITE	BLACK	8.75	II	ROUTE ASSEMBLY	SEE DETAILS
W2-6	48	48		4	YELLOW	BLACK	64.00	II	4"x4" WOOD POST	-

SIGN SUMMARY										
MUTCD NUMBER	SIZE OF SIGN (IN)		GRAPHIC	NUMBER OF SIGNS REQUIRED	COLOR		TOTAL AREA IN SQ. FT.	TYPE	SUPPORT	REMARK
	WIDTH	HEIGHT			BACK- GROUND	LEGEND BORDER				
W3-2	30	30		4	YELLOW	BLACK	25.00	II	4"x4" WOOD POST	-
D3-1	54	12		2	GREEN	WHITE	9.00	II	ROUTE ASSEMBLY	SEE DETAILS
CUSTOM	24	30		2	WHITE	BLACK	10.00	II	U-CHANNEL	-

ROUTE SIGN ASSEMBLY DETAILS



ROUTE ASSEMBLY 1
STA. 443+23, 43.5' LT

SINGLE 4"x6" WOOD POST
TYPE II SIGN

AREA = 8.19 SF



ROUTE ASSEMBLY 1
STA. 444+98, 42.9' RT

SINGLE 4"x6" WOOD POST
TYPE II SIGN

AREA = 8.19 SF



ROUTE ASSEMBLY 2
STA. 502+98, 44.3' LT
WESTBOUND EXIT

STA. 600+73, 44.8' RT
EASTBOUND EXIT

SINGLE 4"x6" WOOD POST
TYPE II SIGN

AREA = 6.69 SF
(EACH ASSEMBLY)

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SIGNATURE

P.E. NUMBER

DATE

WIN
26019.00
HIGHWAY PLANS

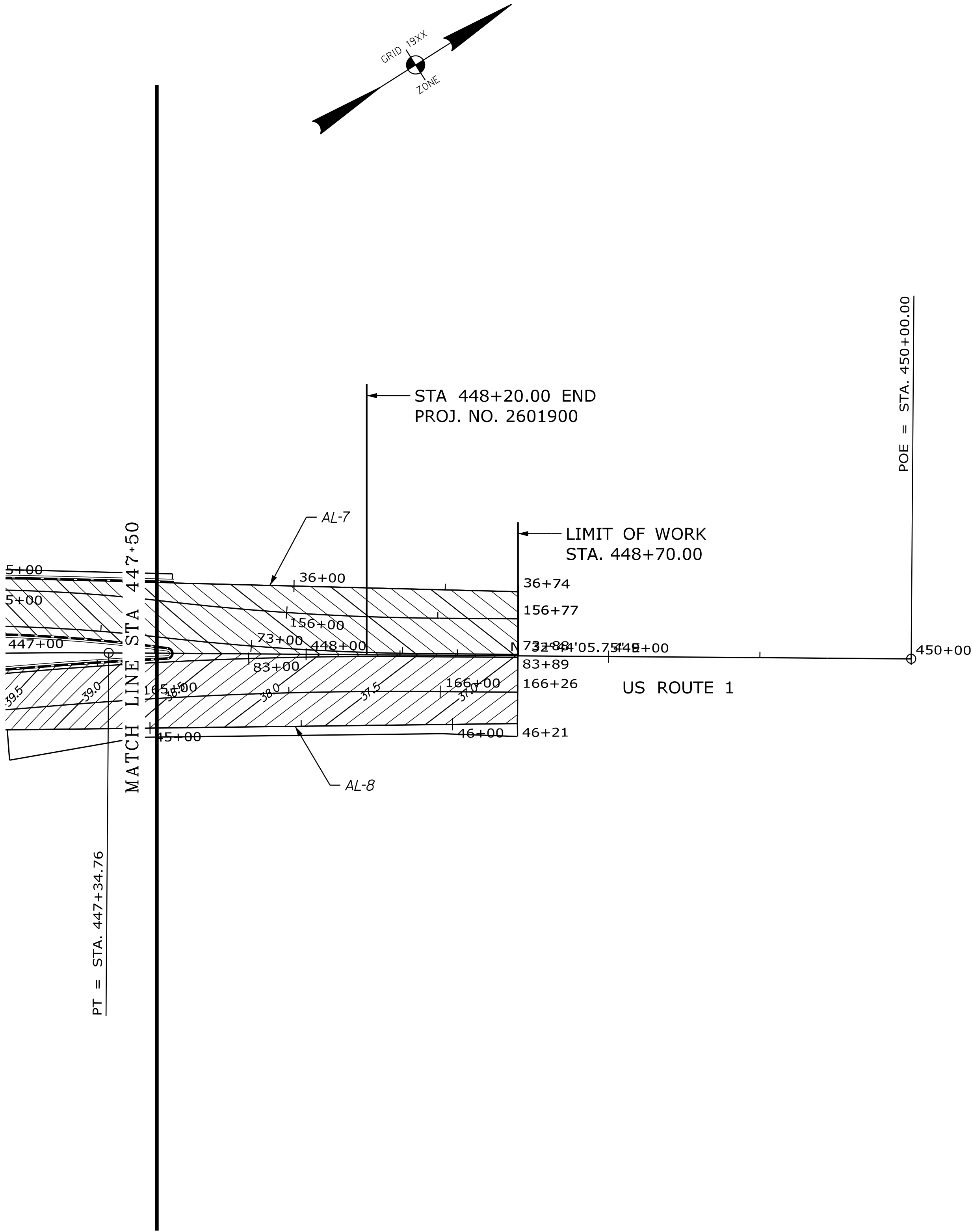
DAMARISCOTTA
US1 AT BELVEDERE RD

SIGN SUMMARY

SHEET NUMBER

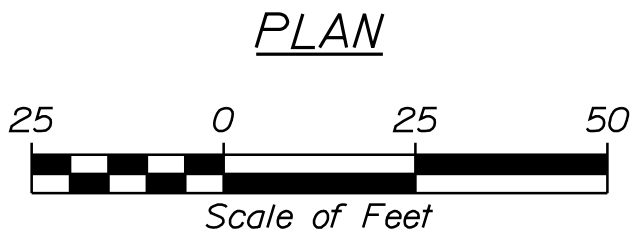
34

OF 77



ALIGNMENT DATA FOR AL-7				
		STATION	X COORD	Y COORD
TANGENT				
POB		30+00.00	1539847.18	200059.33
PC		31+41.25	1539987.67	200044.69
BEARING	S84°02'54.69"E			
L	141.25			
CURVE				
PC		31+41.25	1539987.67	200044.69
PI		31+86.08	1540032.26	200040.04
CC			1540000.12	200164.04
PRC		32+27.06	1540068.97	200065.76
R	120.00			
Δ	40°58'09.32"			
D	47°44'48.27"			
L	85.81			
T	44.83			
CHORD	83.99			
M.O.	7.59			
E	8.10			
CURVE				
PRC		32+27.06	1540068.97	200065.76
PI		32+42.49	1540081.61	200074.62
CC			1540114.88	200000.24
PRC		32+57.55	1540096.64	200078.14
R	80.00			
Δ	21°50'13.13"			
D	71°36'50.71"			
L	30.49			
T	15.43			
CHORD	30.31			
M.O.	1.45			
E	1.48			
CURVE				
PRC		32+57.55	1540096.64	200078.14
PI		33+36.59	1540173.60	200096.16
CC			1540062.44	200224.19
PRC		34+03.04	1540202.24	200169.83
R	150.00			
Δ	55°34'24.21"			
D	38°11'50.61"			
L	145.49			
T	79.04			
CHORD	139.85			
M.O.	17.30			
E	19.55			
CURVE				
PRC		34+03.04	1540202.24	200169.83
PI		34+57.87	1540222.11	200220.94
CC			1540668.25	199988.65
PT		35+12.27	1540252.58	200266.52
R	500.00			
Δ	12°30'59.67"			
D	11°27'34.02"			
L	109.22			
T	54.83			
CHORD	109.01			
M.O.	2.98			
E	3.00			
TANGENT				
PT		35+12.27	1540252.58	200266.52
POE		36+74.18	1540342.57	200401.13
BEARING	N33°45'43.99"E			
L	161.91			

ALIGNMENT DATA FOR AL-8				
		STATION	X COORD	Y COORD
TANGENT				
POB		40+00.00	1540399.89	199954.59
PC		41+56.45	1540247.90	199991.65
BEARING	N76°17'44.64"W			
L	156.45			
CURVE				
PC		41+56.45	1540247.90	199991.65
PI		41+77.86	1540227.10	199996.72
CC			1540271.59	200088.81
PRC		41+98.63	1540210.20	200009.87
R	100.00			
Δ	24°09'58.89"			
D	57°17'43.09"			
L	42.18			
T	21.41			
CHORD	41.87			
M.O.	2.22			
E	2.27			
CURVE				
PRC		41+98.63	1540210.20	200009.87
PI		42+20.91	1540192.61	200023.55
CC			1540234.76	200041.44
PCC		42+39.29	1540194.98	200045.71
R	40.00			
Δ	58°14'52.50"			
D	143°14'23.92"			
L	40.66			
T	22.29			
CHORD	38.94			
M.O.	5.06			
E	5.79			
CURVE				
PCC		42+39.29	1540194.98	200045.71
PI		42+91.35	1540200.53	200097.47
CC			1540393.85	200024.39
PCC		43+41.15	1540230.61	200139.96
R	200.00			
Δ	29°10'47.13"			
D	28°38'51.59"			
L	101.86			
T	52.06			
CHORD	100.76			
M.O.	6.45			
E	6.66			
CURVE				
PRC		43+41.15	1540230.61	200139.96
PI		43+73.41	1540249.26	200166.29
CC			1539414.41	200717.83
PT		44+05.65	1540266.16	200193.76
R	1000.00			
Δ	3°41'43.25"			
D	5°43'45.17"			
L	64.50			
T	32.26			
CHORD	64.49			
M.O.	0.52			
E	0.52			
TANGENT				
PT		44+05.68	1540266.16	200193.76
POE		46+21.46	1540379.24	200377.55
BEARING	N31°36'10.52"E			
L	215.79			



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DAMARISCOTTA
US1 AT BELVEDERE RD

GRADING PLANS

SHEET NUMBER
37
OF 77

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
FIELD CHANGES

BY
W. STRONG
S. MURPHY
-
-
-
-

DATE
1/25
1/25
-
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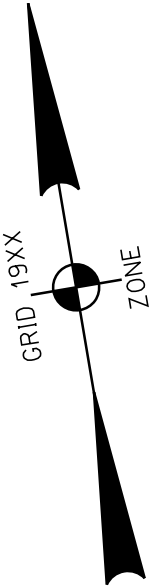
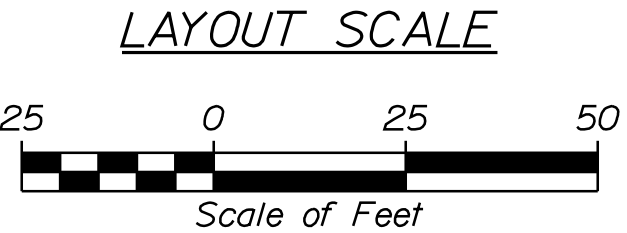
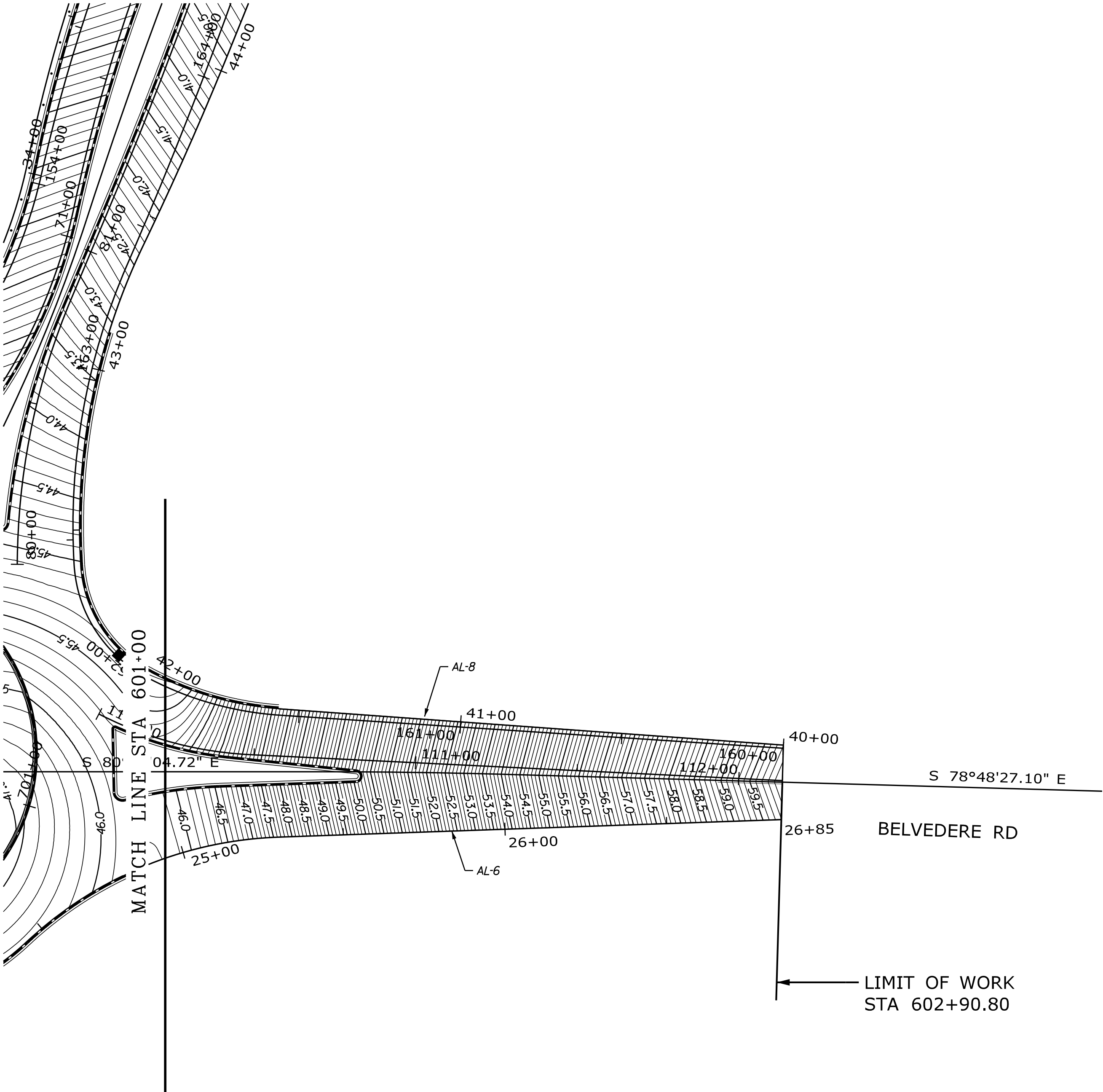
SIGNATURE

P.E. NUMBER

DATE

WIN
26019.00

HIGHWAY PLANS



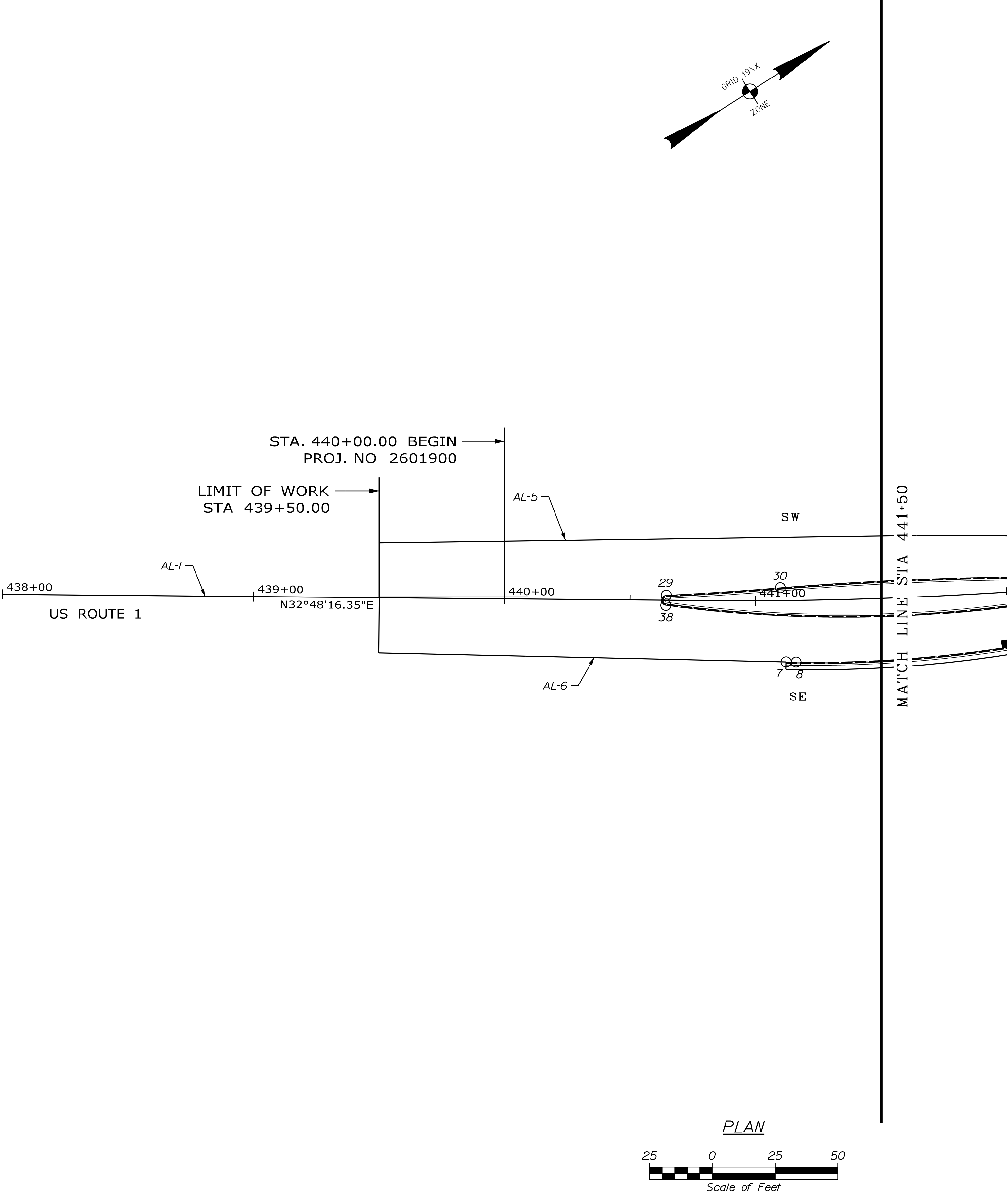
SHEET NUMBER	DAMARISCOTTA US1 AT BELVEDERE RD		STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
	GRADING PLANS		SIGNATURE			
OF 77			P.E. NUMBER			
			DATE			
		WIN	26019.00		HIGHWAY PLANS	

CONTROL POINTS FOR SW					
POINT	STATION	OFFSET	SIDE	EASTING (X-COORD)	NORTHING (Y-COORD)
1	12+79.04	0.00'	-	199860.64	1539999.22
2	12+83.04	0.00'	-	199863.93	1540001.50
3	13+82.62	0.00'	-	199956.62	1540034.97
4	14+11.60	0.00'	-	199982.44	1540024.49
5	14+60.80	0.00'	-	200006.45	1539981.88
6	14+64.72	0.00'	-	200007.64	1539978.14
CONTROL POINTS FOR SE					
POINT	STATION	OFFSET	SIDE	EASTING (X-COORD)	NORTHING (Y-COORD)
7	21+62.31	0.00'	-	199735.41	1539978.14
8	21+66.31	0.00'	-	199738.76	1539980.34
9	22+69.80	0.00'	-	199830.66	1540027.52
10	24+15.30	0.00'	-	199922.35	1540133.12
11	24+43.76	0.00'	-	199933.58	1540159.11
12	24+82.65	0.00'	-	199949.51	1540194.41
13	24+82.92	0.00'	-	1540194.42	199949.51
CONTROL POINTS FOR NW					
POINT	STATION	OFFSET	SIDE	EASTING (X-COORD)	NORTHING (Y-COORD)
14	31+18.41	0.00'	-	200047.06	1539964.95
15	31+22.41	0.00'	-	200046.64	1539968.93
16	31+41.20	0.00'	-	200044.69	1539987.62
17	32+27.06	0.00'	-	200065.76	1540068.97
18	32+57.55	0.00'	-	200078.14	1540096.64
19	34+03.04	0.00'	-	200169.83	1540202.24
20	35+12.27	0.00'	-	200266.52	1540252.58
21	35+56.23	0.00'	-	200303.07	1540277.01
22	35+60.23	0.00'	-	200306.39	1540279.24
CONTROL POINTS FOR NE					
POINT	STATION	OFFSET	SIDE	EASTING (X-COORD)	NORTHING (Y-COORD)
23	41+21.54	0.00'	-	199984.30	1540282.04
24	41+25.54	0.00'	-	199985.27	1540278.16
25	41+49.59	0.00'	-	199990.25	1540254.64
26	41+98.65	0.00'	-	200009.87	1540210.20
27	42+39.32	0.00'	-	200045.71	1540194.99
28	43+37.18	0.00'	-	200136.67	1540228.34
29	43+41.18	0.00'	-	200139.96	1540230.62

NOTES:

1. SEE SHEETS 40 - 42 FOR ADDITIONAL CONTROL POINT LOCATIONS.
2. SEE GRADING PLANS FOR AL-1 TO AL-8 ALIGNMENT DATA.

CONTROL POINTS FOR ISL01					
POINT	STATION	OFFSET	SIDE	EASTING (X-COORD)	NORTHING (Y-COORD)
30	440+64.35	1.98'	LT	1539930.21	199709.27
31	441+09.83	5.11'	LT	1539951.96	199749.24
32	442+19.90	4.83'	LT	1540006.78	199844.28
33	442+59.82	2.49'	LT	1540028.25	199878.22
34	443+24.02	14.28'	LT	1540054.45	199938.38
35	443+28.05	11.62'	LT	1540058.92	199940.16
36	443+29.51	15.28'	RT	1540081.84	199926.00
37	443+28.13	16.26'	RT	1540081.86	199924.30
38	442+27.82	3.72'	RT	1540018.03	199847.30
39	440+64.23	2.00'	RT	1539933.48	199707.01
CONTROL POINTS FOR ISL02					
POINT	STATION	OFFSET	SIDE	EASTING (X-COORD)	NORTHING (Y-COORD)
40	502+20.49	2.84'	LT	1539964.33	200031.03
41	502+59.46	4.70'	LT	1540003.15	200027.02
42	502+88.69	9.31'	LT	1540032.73	200027.19
43	502+92.48	6.48'	LT	1540036.05	200023.83
44	502+92.89	12.16'	RT	1540033.66	200005.34
45	502+91.48	13.09'	RT	1540032.13	200004.63
46	502+50.68	3.03'	RT	1539993.30	200020.70
47	502+20.45	1.15'	RT	1539963.70	200027.09
CONTROL POINTS FOR ISL03					
POINT	STATION	OFFSET	SIDE	EASTING (X-COORD)	NORTHING (Y-COORD)
48	600+84.18	6.14'	RT	1540193.18	199974.88
49	600+83.79	13.24'	LT	1540196.02	199994.06
50	600+85.19	14.18'	LT	1540197.56	199994.74
51	601+23.49	4.48'	LT	1540233.71	199978.81
52	601+69.37	1.11'	LT	1540278.38	199967.75
53	601+69.55	2.85'	RT	1540277.86	199963.81
54	601+17.04	4.79'	RT	1540225.80	199970.74
55	600+87.94	9.01'	RT	1540196.40	199971.42
CONTROL POINTS FOR ISL04					
POINT	STATION	OFFSET	SIDE	EASTING (X-COORD)	NORTHING (Y-COORD)
56	444+89.15	15.28'	LT	1540147.92	200074.50
57	444+90.53	16.26'	LT	1540147.91	200076.19
58	445+90.83	3.72'	LT	1540211.73	200153.19
59	447+54.34	1.99'	LT	1540296.23	200293.42
60	447+54.20	1.99'	RT	1540299.50	200291.15
61	447+09.71	5.04'	RT	1540278.21	200252.04
62	445+98.75	4.83'	RT	1540222.98	200156.22
63	445+58.83	2.49'	RT	1540201.51	200122.27
64	444+94.63	14.28'	RT	1540175.32	200062.12
65	444+90.60	11.62'	RT	1540170.84	200060.33
CONTROL POINTS FOR MISC01					
POINT	STATION	OFFSET	SIDE	EASTING (X-COORD)	NORTHING (Y-COORD)
66	502+11.47	31.08'	RT	1539950.27	199998.86
67	501+89.52	24.43'	RT	1539929.34	200008.93
68	501+88.10	22.45'	RT	1539928.24	200011.12
69	501+88.23	17.62'	RT	1539929.16	200015.86
70	501+90.27	15.68'	RT	1539931.51	200017.44
CONTROL POINTS FOR MISC02					
POINT	STATION	OFFSET	SIDE	EASTING (X-COORD)	NORTHING (Y-COORD)
71	501+51.25	14.58'	RT	1539892.96	200025.28
72	501+50.74	20.56'	RT	1539891.38	200019.48
73	501+36.86	19.41'	RT	1539877.88	200023.20
74	501+37.34	13.43'	RT	1539897.46	200028.99



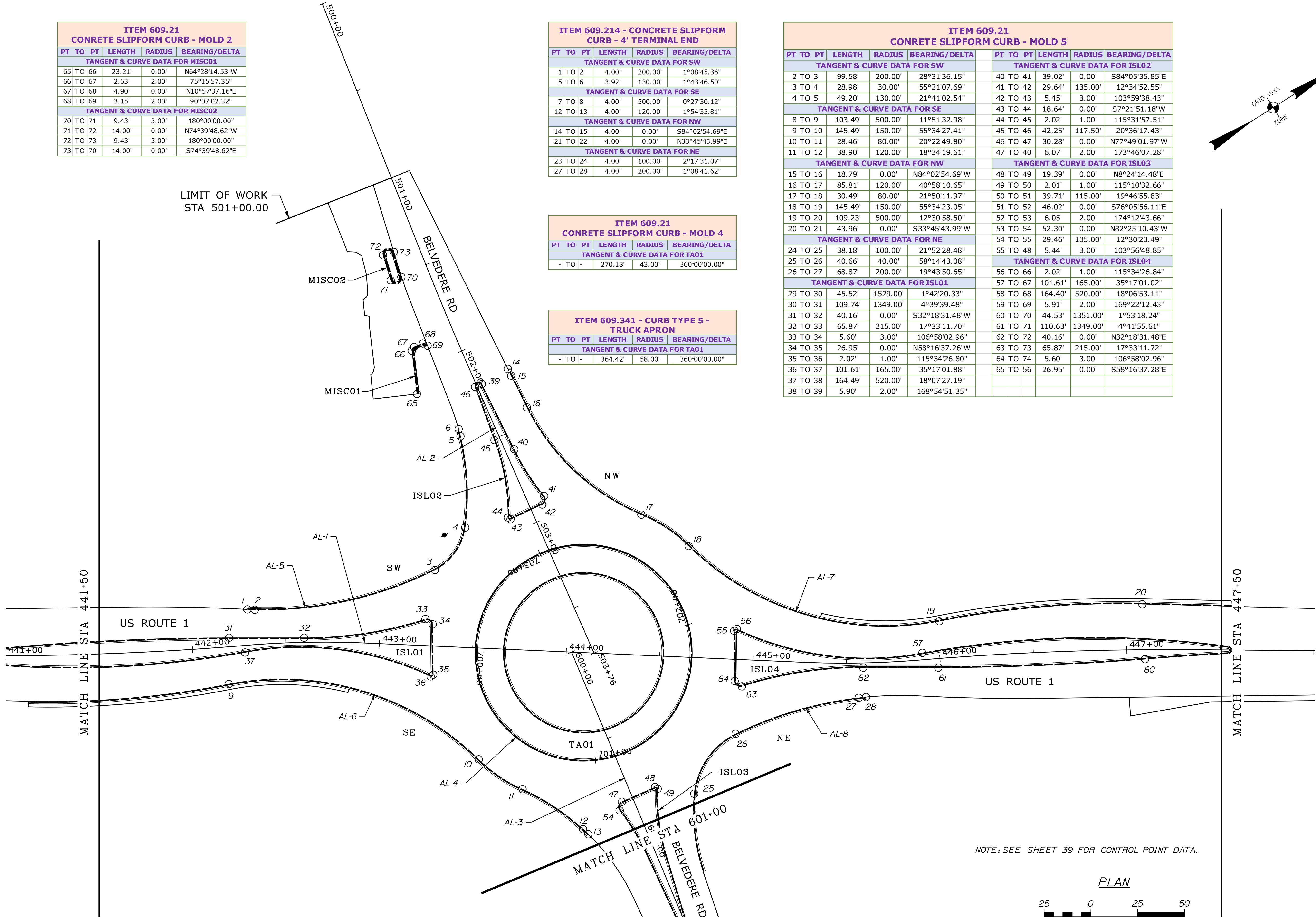
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00
HIGHWAY PLANS

DAMARISCOTTA
US1 AT BELVEDERE RD

GEOMETRIC PLANS

SHEET NUMBER
39
OF 77



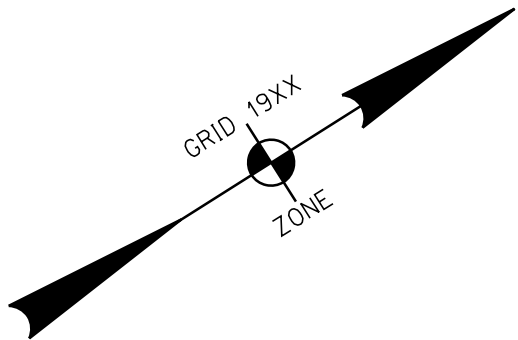
ITEM 609.21 CONCRETE SLIPFORM CURB - MOLD 2					
PT	TO	PT	LENGTH	RADIUS	BEARING/DELTA
TANGENT & CURVE DATA FOR MISC01					
65	TO	66	23.21'	0.00'	N64°28'14.53"W
66	TO	67	2.63'	2.00'	75°15'57.35"S
67	TO	68	4.90'	0.00'	N10°57'37.16"E
68	TO	69	3.15'	2.00'	90°07'02.32"E
TANGENT & CURVE DATA FOR MISC02					
70	TO	71	9.43'	3.00'	180°00'00.00"
71	TO	72	14.00'	0.00'	N74°39'48.62"W
72	TO	73	9.43'	3.00'	180°00'00.00"
73	TO	70	14.00'	0.00'	S74°39'48.62"E

ITEM 609.214 - CONCRETE SLIPFORM CURB - 4' TERMINAL END					
PT	TO	PT	LENGTH	RADIUS	BEARING/DELTA
TANGENT & CURVE DATA FOR SW					
1	TO	2	4.00'	200.00'	1°08'45.36"
5	TO	6	3.92'	130.00'	1°43'46.50"
TANGENT & CURVE DATA FOR SE					
7	TO	8	4.00'	500.00'	0°27'30.12"
12	TO	13	4.00'	120.00'	1°54'35.81"
TANGENT & CURVE DATA FOR NW					
14	TO	15	4.00'	0.00'	S84°02'54.69"E
21	TO	22	4.00'	0.00'	N33°45'43.99"E
TANGENT & CURVE DATA FOR NE					
23	TO	24	4.00'	100.00'	2°17'31.07"
27	TO	28	4.00'	200.00'	1°08'41.62"

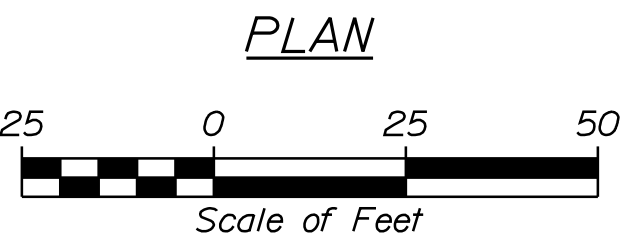
ITEM 609.21 CONCRETE SLIPFORM CURB - MOLD 4			
PT TO PT	LENGTH	RADIUS	BEARING/DELTA
TANGENT & CURVE DATA FOR TA01			
- TO -	270.18'	43.00'	360°00'00.00"

ITEM 609.341 - CURB TYPE 5 - TRUCK APRON					
PT TO PT		LENGTH	RADIUS	BEARING/DELTA	
TANGENT & CURVE DATA FOR TA01					
-	TO	-	364.42'	58.00'	360°00'00.00"

ITEM 609.21 CONCRETE SLIPFORM CURB - MOLD 5											
TANGENT & CURVE DATA FOR SW					TANGENT & CURVE DATA FOR ISL02						
2	TO	3	99.58'	200.00'	28°31'36.15"	40	TO	41	39.02'	0.00'	S84°05'35.85"E
3	TO	4	28.98'	30.00'	55°21'07.69"	41	TO	42	29.64'	135.00'	12°34'52.55"
4	TO	5	49.20'	130.00'	21°41'02.54"	42	TO	43	5.45'	3.00'	103°59'38.43"
TANGENT & CURVE DATA FOR SE					43	TO	44	18.64'	0.00'	S7°21'51.18"W	
8	TO	9	103.49'	500.00'	11°51'32.98"	44	TO	45	2.02'	1.00'	115°31'57.51"
9	TO	10	145.49'	150.00'	55°34'27.41"	45	TO	46	42.25'	117.50'	20°36'17.43"
10	TO	11	28.46'	80.00'	20°22'49.80"	46	TO	47	30.28'	0.00'	N77°49'01.97"W
11	TO	12	38.90'	120.00'	18°34'19.61"	47	TO	48	6.07'	2.00'	173°46'07.28"
TANGENT & CURVE DATA FOR NW					TANGENT & CURVE DATA FOR ISL03						
15	TO	16	18.79'	0.00'	N84°02'54.69"W	48	TO	49	19.39'	0.00'	N8°24'14.48"E
16	TO	17	85.81'	120.00'	40°58'10.65"	49	TO	50	2.01'	1.00'	115°10'32.66"
17	TO	18	30.49'	80.00'	21°50'11.97"	50	TO	51	39.71'	115.00'	19°46'55.83"
18	TO	19	145.49'	150.00'	55°34'23.05"	51	TO	52	46.02'	0.00'	S76°05'56.11"E
19	TO	20	109.23'	500.00'	12°30'58.50"	52	TO	53	6.05'	2.00'	174°12'43.66"
20	TO	21	43.96'	0.00'	S33°45'43.99"W	53	TO	54	52.30'	0.00'	N82°25'10.43"W
TANGENT & CURVE DATA FOR NE					54	TO	55	29.46'	135.00'	12°30'23.49"	
24	TO	25	38.18'	100.00'	21°52'28.48"	55	TO	56	5.44'	3.00'	103°56'48.85"
25	TO	26	40.66'	40.00'	58°14'43.08"	TANGENT & CURVE DATA FOR ISL04					
26	TO	27	68.87'	200.00'	19°43'50.65"	56	TO	57	2.02'	1.00'	115°34'26.84"
TANGENT & CURVE DATA FOR ISL01					57	TO	58	101.61'	165.00'	35°17'01.02"	
29	TO	30	45.52'	1529.00'	1°42'20.33"	58	TO	59	164.40'	520.00'	18°06'53.11"
30	TO	31	109.74'	1349.00'	4°39'39.48"	59	TO	60	5.91'	2.00'	169°22'12.43"
31	TO	32	40.16'	0.00'	S32°18'31.48"W	60	TO	61	44.53'	1351.00'	1°53'18.24"
32	TO	33	65.87'	215.00'	17°33'11.70"	61	TO	62	110.63'	1349.00'	4°41'55.61"
33	TO	34	5.60'	3.00'	106°58'02.96"	62	TO	63	40.16'	0.00'	N32°18'31.48"E
34	TO	35	26.95'	0.00'	N58°16'37.26"W	63	TO	64	65.87'	215.00'	17°33'11.72"
35	TO	36	2.02'	1.00'	115°34'26.80"	64	TO	65	5.60'	3.00'	106°58'02.96"
36	TO	37	101.61'	165.00'	35°17'01.88"	65	TO	66	26.95'	0.00'	S58°16'37.28"E
37	TO	38	164.49'	520.00'	18°07'27.19"						
38	TO	39	5.90'	2.00'	168°54'51.35"						



NOTE: SEE SHEET 39 FOR CONTROL POINT DATA.



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

DATE: 1/25
BY: W. STRONG
CHECKED: S. MURPHY
DESIGNED: S. MURPHY

SIGNATURE

P.E. NUMBER

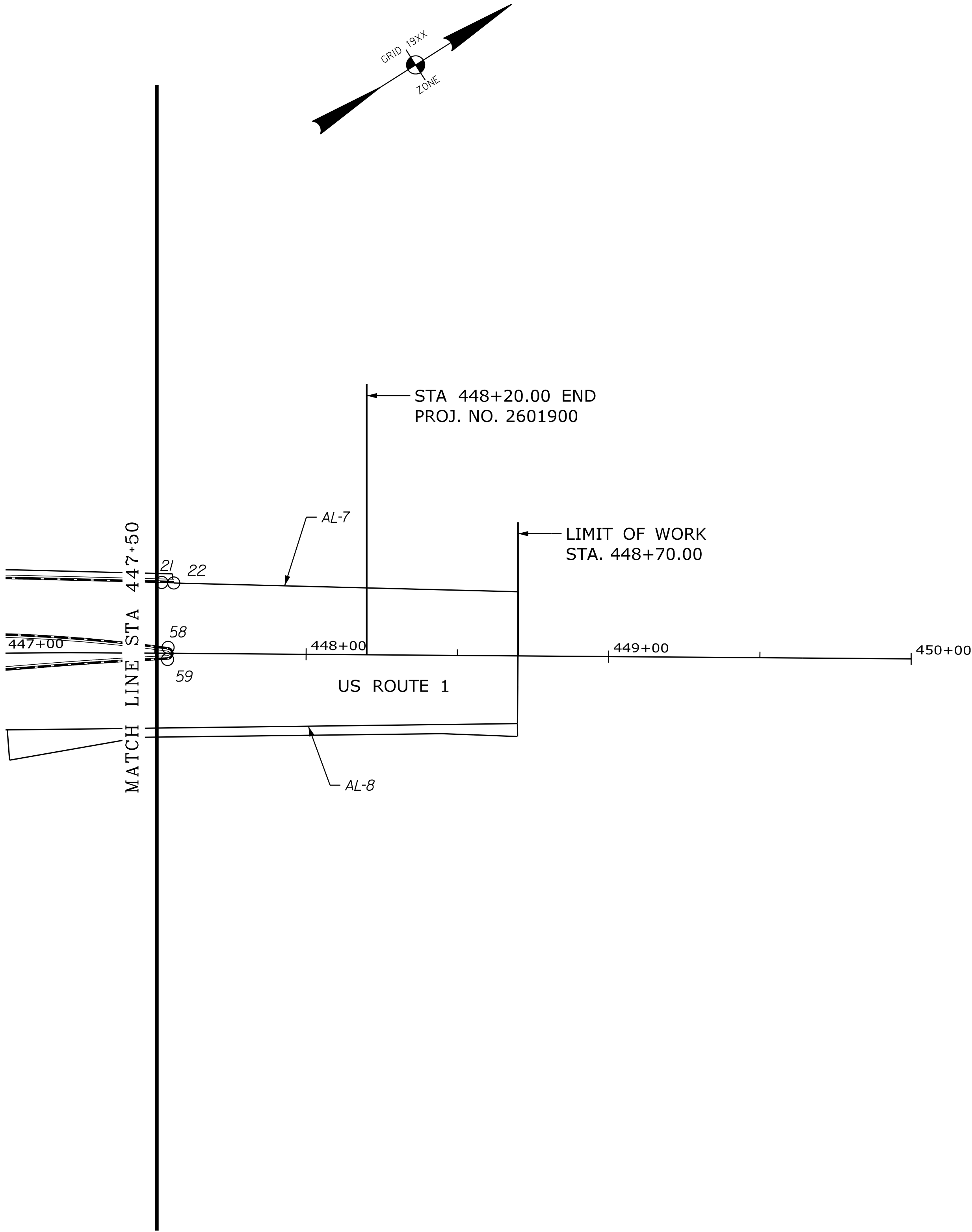
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DAMARISCOTTA RD
US1 AT BELVEDERE RD

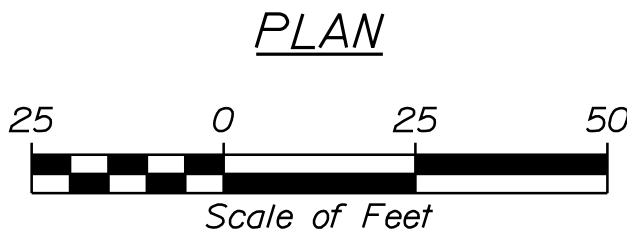
SHEET NUMBER
40
OF 77

WIN
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HIGHWAY PLANS

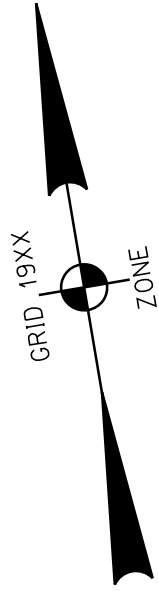
GEOMETRIC PLANS



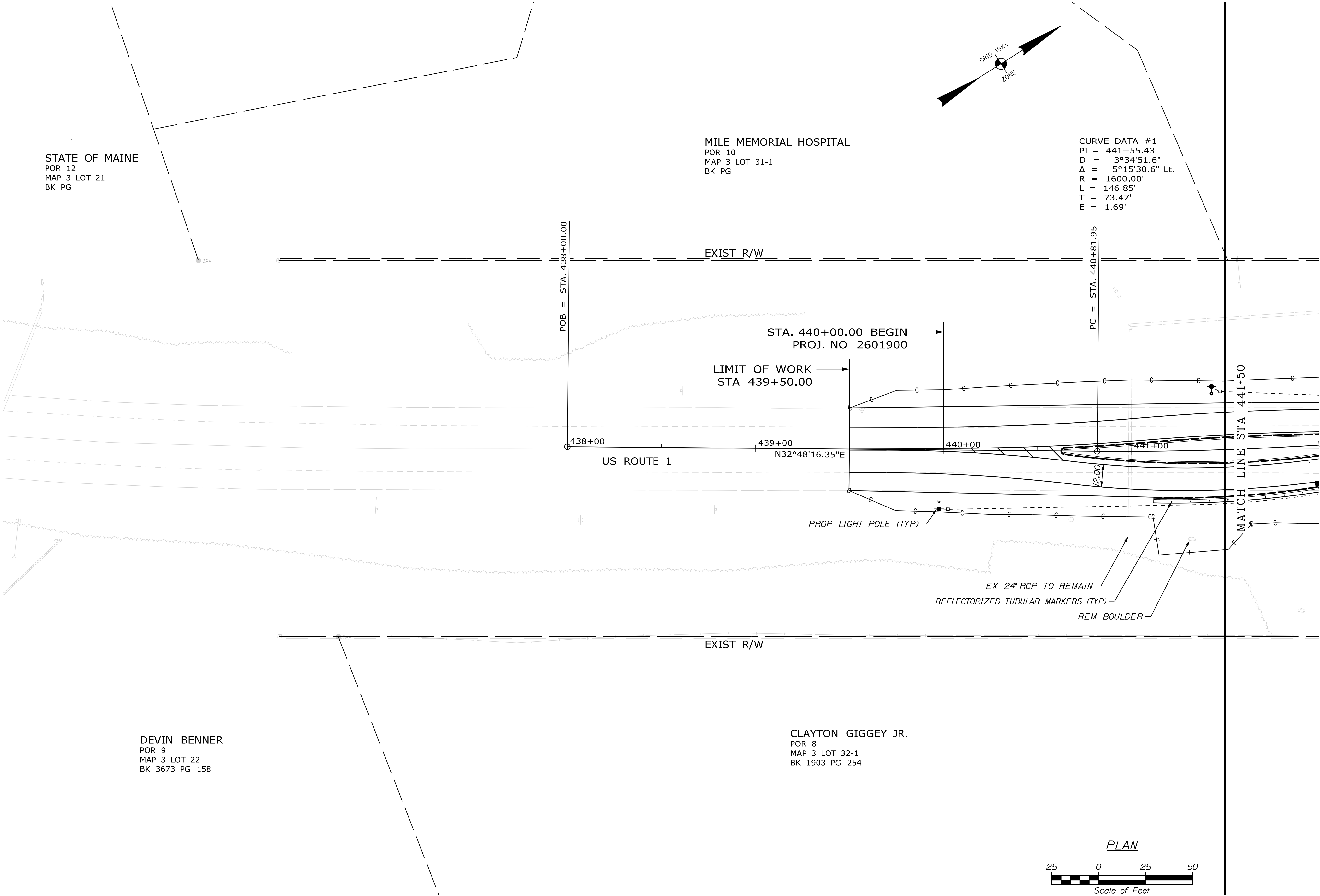
NOTE: SEE SHEET 39 FOR CONTROL POINT DATA.



DAMARISCOTTA US1 AT BELVEDERE RD	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
	SIGNATURE			
GEOMETRIC PLANS	P.E. NUMBER			
	DATE			
SHEET NUMBER 41	PROJ. MANAGER	D. COOMBS	BY	DATE
	DESIGN-DETAILED	W. STRONG	W. STRONG	1/25
OF 77	CHECKED-REVIEWED	S. MURPHY	S. MURPHY	1/25
	DESIGN-DETAILED	-	-	-
	REVISIONS 1	-	-	-
	REVISIONS 2	-	-	-
	REVISIONS 3	-	-	-
	REVISIONS 4	-	-	-
FIELD CHANGES		-	-	-
		WIN	26019.00	HIGHWAY PLANS



SHEET NUMBER 42 OF 77		DAMARISCOTTA US1 AT BELVEDERE RD		PROJ. MANAGER		D. COOMBS	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
				DESIGN-DETAILED	W. STRONG	W. STRONG	1/25			
GEOMETRIC PLANS		CHECKED-REVIEWED		S. MURPHY	S. MURPHY	1/25	SIGNATURE			
		DESIGN2-DETAILED2		-	-	-	P.E. NUMBER			
		DESIGN3-DETAILED3		-	-	-	DATE			
		REVISED		-	-	-				
		FIELD CHANGES		-	-	-				



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		WIN 26019.00		HIGHWAY PLANS	
DAMARISCOTTA RD		US1 AT BELVEDERE RD		PLANS		SHEET NUMBER	
43		OF 77		SIGNATURE		P.E. NUMBER	
DATE		DATE		DATE		DATE	
1/25		1/25		1/25		1/25	
W. STRONG		S. MURPHY		S. MURPHY		S. MURPHY	
BY		BY		BY		BY	
D. COOMBS		D. COOMBS		D. COOMBS		D. COOMBS	
DESIGN-DETAILED		DESIGN-DETAILED		DESIGN-DETAILED		DESIGN-DETAILED	
CHECKED-REVIEWED		CHECKED-REVIEWED		CHECKED-REVIEWED		CHECKED-REVIEWED	
DESIGN-DETAILED		DESIGN-DETAILED		DESIGN-DETAILED		DESIGN-DETAILED	
REVISIONS 1		REVISIONS 1		REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2		REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3		REVISIONS 3		REVISIONS 3	
REVISIONS 4		REVISIONS 4		REVISIONS 4		REVISIONS 4	
FIELD CHANGES		FIELD CHANGES		FIELD CHANGES		FIELD CHANGES	

Date:1/27/2025

Username: MurphySP

Division:

Filename: ... \d3277831\044_plans.dgn

NOTE: ALL CLEARING REQUIRED FOR CONSTRUCTION SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20 - COMMON EXCAVATION. INDIVIDUAL TREES SHOWN TO BE REMOVED WILL BE PAID FOR UNDER ITEMS 201.23 AND 201.24.

MILE MEMORIAL HOSPITAL
POR 11
MAP 3 LOT 31-5
BK PG

LIMITS OF ROADWAY WORK
STA 501+00.00
MEET EXISTING

LIMIT OF WORK
STA 501+00.00

BELVEDERE RD (W)
CURVE DATA #1
PI = 501+79.43
D = 2°51'53.2"
Δ = 2°02'53.5" Lt.
R = 2000.00'
L = 71.50'
T = 35.75'
E = 0.32'

CORP. OF THE RESIDING BISHOP
OF THE CHURCH OF
LATTER DAY SAINTS
POR 2
MAP 3 LOT 36-2
BK PG

CURVE DATA #3
PI = 445+58.14
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Δ = 7°16'45.6" Lt.
R = 500.00'
L = 63.52'
T = 31.80'
E = 1.01'

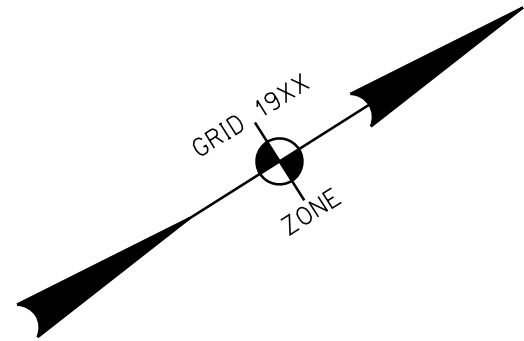
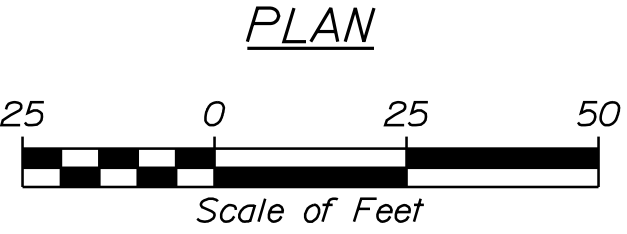
CURVE DATA #2
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D = 11°27'33.0"
Δ = 7°16'46.5" Rt.
R = 500.00'
L = 63.53'
T = 31.81'
E = 1.01'

CLAYTON GIGGEY JR.
POR 8
MAP 3 LOT 32-1
BK 1903 PG 254

NEW MEADOW
BUILDING LLC
POR 5
MAP 3 LOT 37
BK 4504 PG 53

CURVE DATA #4
PI = 446+62.36
D = 3°34'51.6"
Δ = 5°11'19.1" Rt.
R = 1600.00'
L = 144.89'
T = 72.50'
E = 1.64'

LIMITS OF 3" W-BEAM
GUARDRAIL, MIDWAY
SPLICE - SINGLE
FLARED



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00
HIGHWAY PLANS

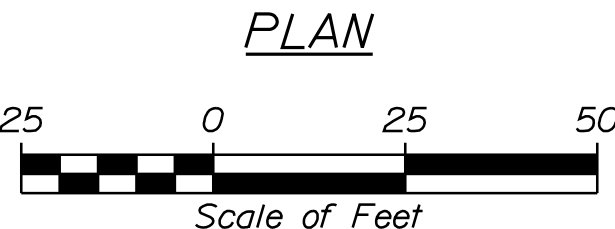
DAMARISCOTTA
US1 AT BELVEDERE RD

PLANS

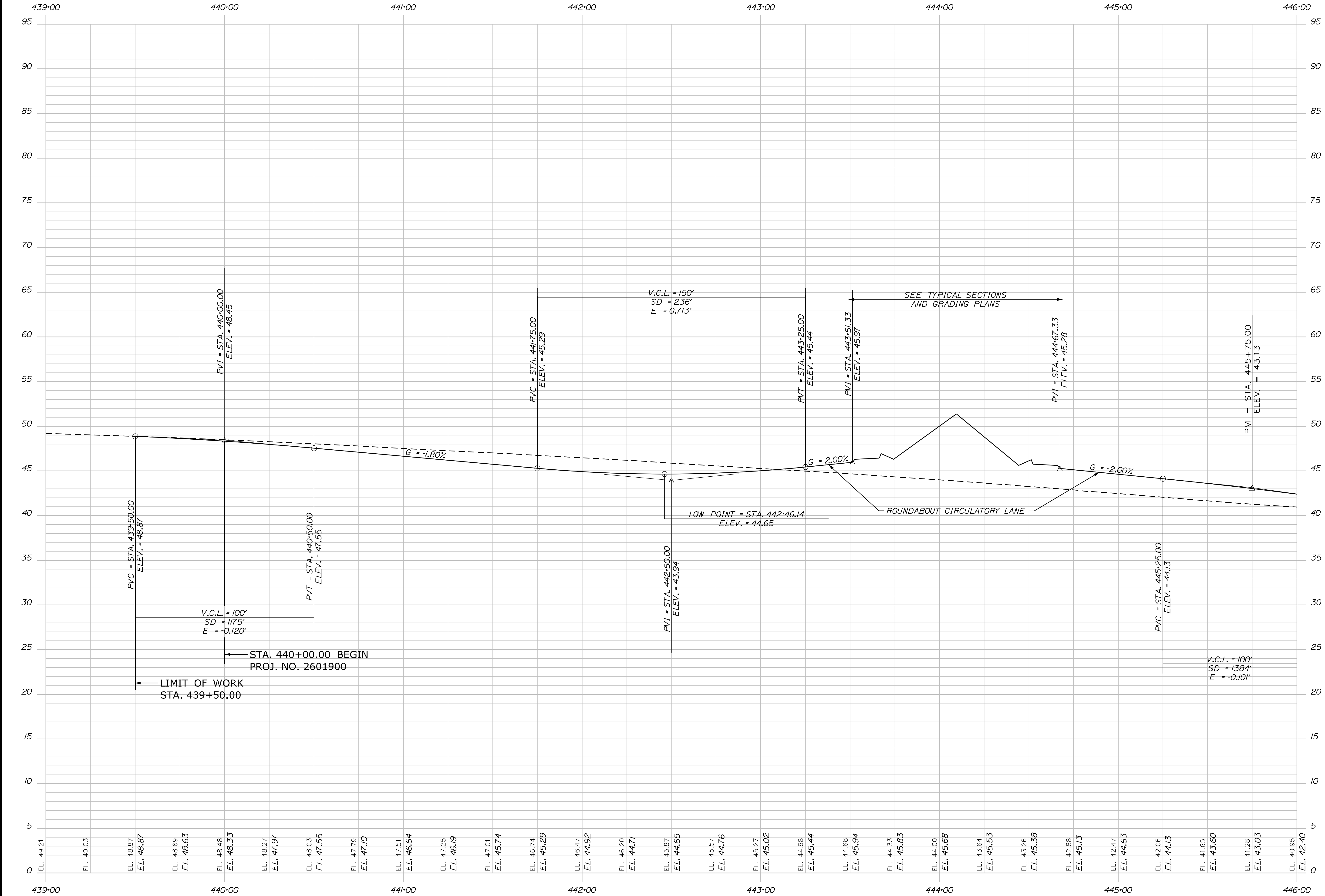
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44

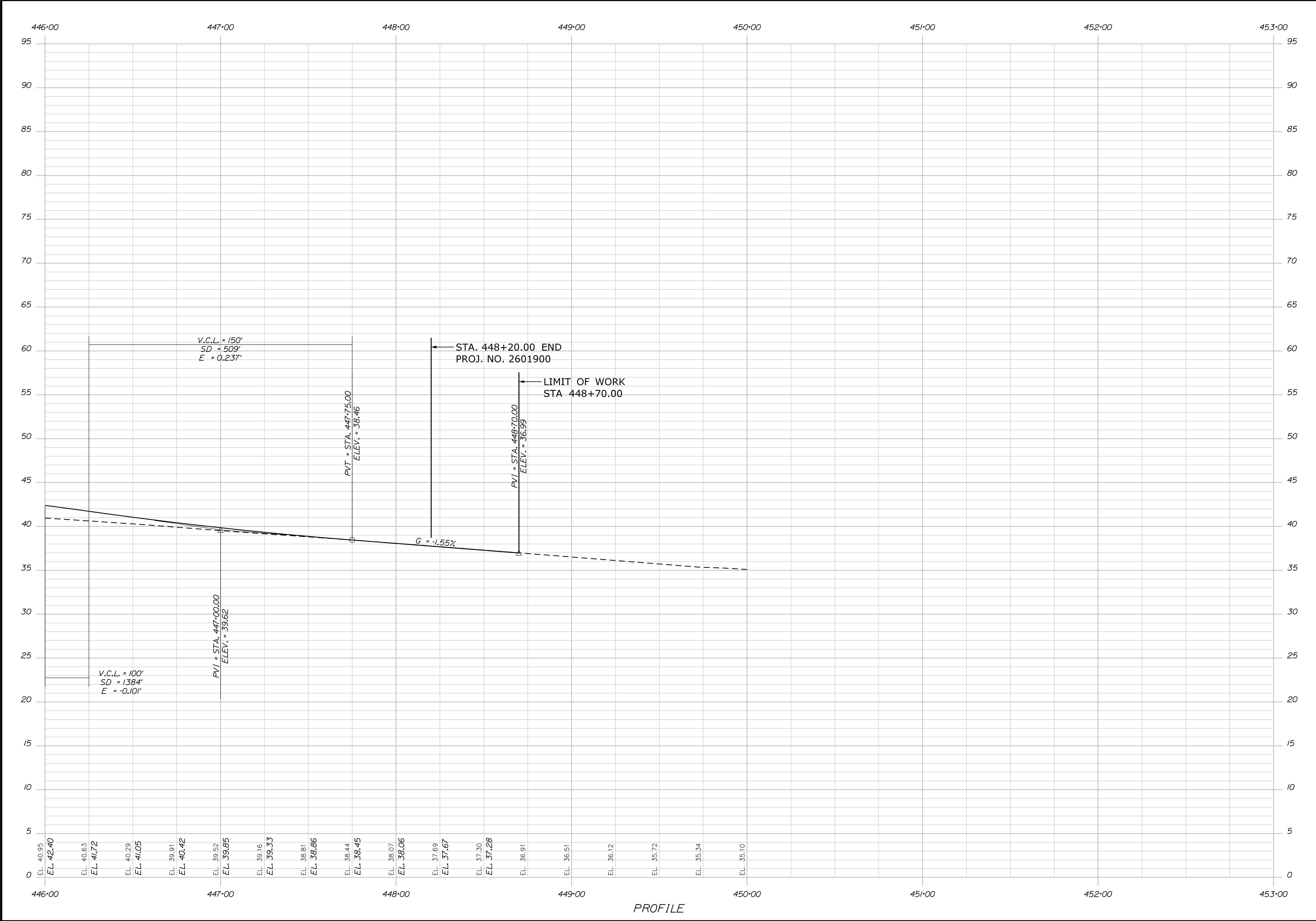
OF 77



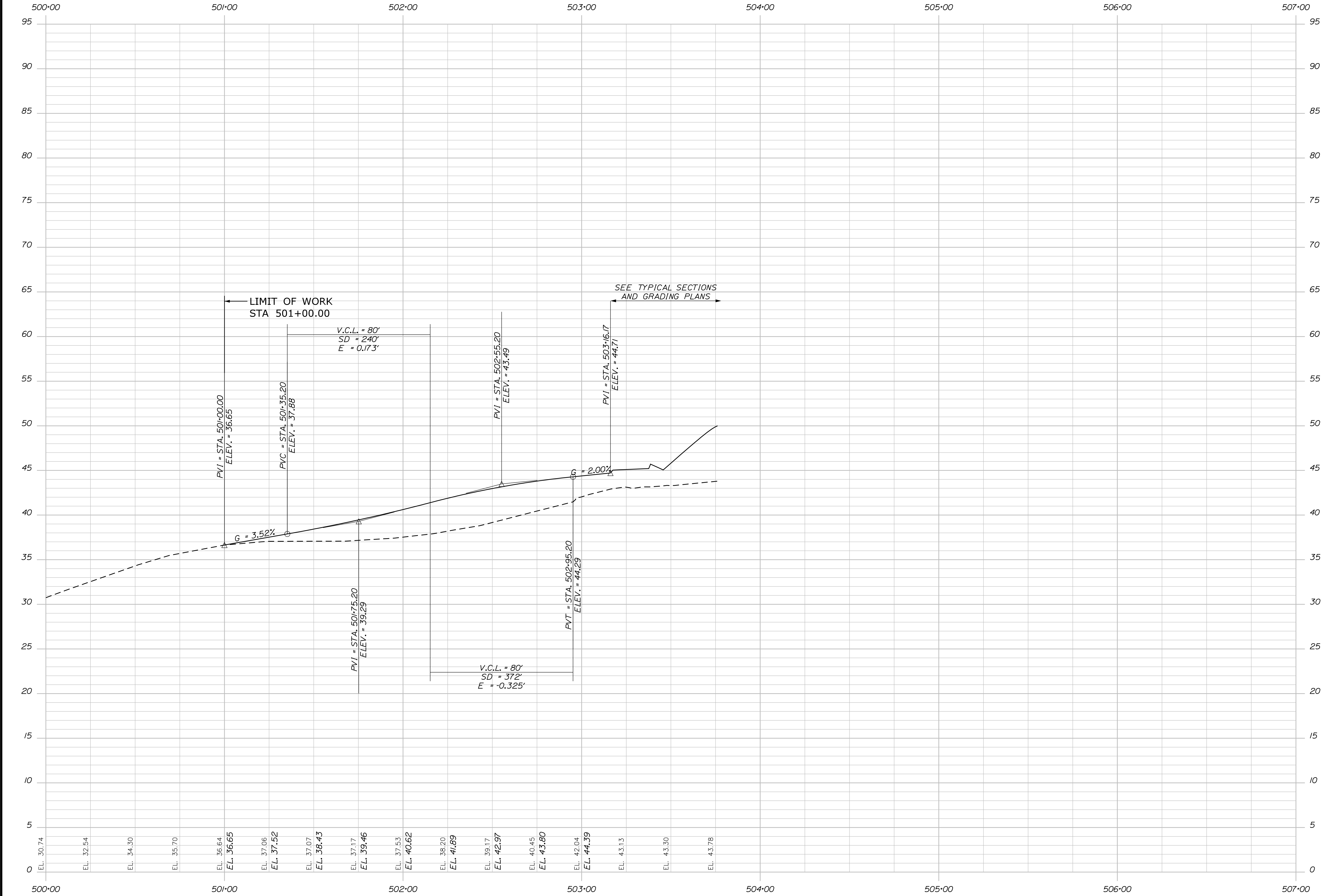
SHEET NUMBER		45		OF 77	
DAMARISCOTTA US1 AT BELVEDERE RD		PROJ. MANAGER		D. COOMBS	BY
PLANS		DESIGN-DETAILED		W. STRONG	1/25
		CHECKED-REVIEWED		S. MURPHY	1/25
		DESIGN2-DETAILED2		-	-
		DESIGN3-DETAILED3		-	-
		REVISIONS 1		-	-
		REVISIONS 2		-	-
		REVISIONS 3		-	-
		REVISIONS 4		-	-
		FIELD CHANGES		-	-
		SIGNATURE		P.E. NUMBER	
		DATE			
		STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
		WIN		26019.00	
		HIGHWAY PLANS			



PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	W. STERRITT	1/25	
CHECKED-REVIEWED	S. MURPHY	1/25	SIGNATURE
DESIGN-DETAILED	-	-	P.E. NUMBER
REVISIONS 1	-	-	DATE
REVISIONS 2	-	-	
REVISIONS 3	-	-	
REVISIONS 4	-	-	
FIELD CHANGES	-	-	



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE	
WIN 26019.00		P.E. NUMBER	
HIGHWAY PLANS		DATE	
DAMISCOTTA US1 AT BELVEDERE RD		PROJ. MANAGER	DATE
		D. COOMBS	BY
		DESIGN-DETAILED	W. STRONG
		CHECKED-REVIEWED	S. MURPHY
		DESIGN-DETAILED	-
		DESIGN-DETAILED	-
PROFILES		REVISIONS 1	-
		REVISIONS 2	-
		REVISIONS 3	-
		REVISIONS 4	-
		FIELD CHANGES	-
		FIELD CHANGES	-
SHEET NUMBER		48	
		OF 77	



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SHEET NUMBER
49
OF 77

DAMARISCOTTA
US1 AT BELVEDERE RD
PROFILES

DATE
1/25

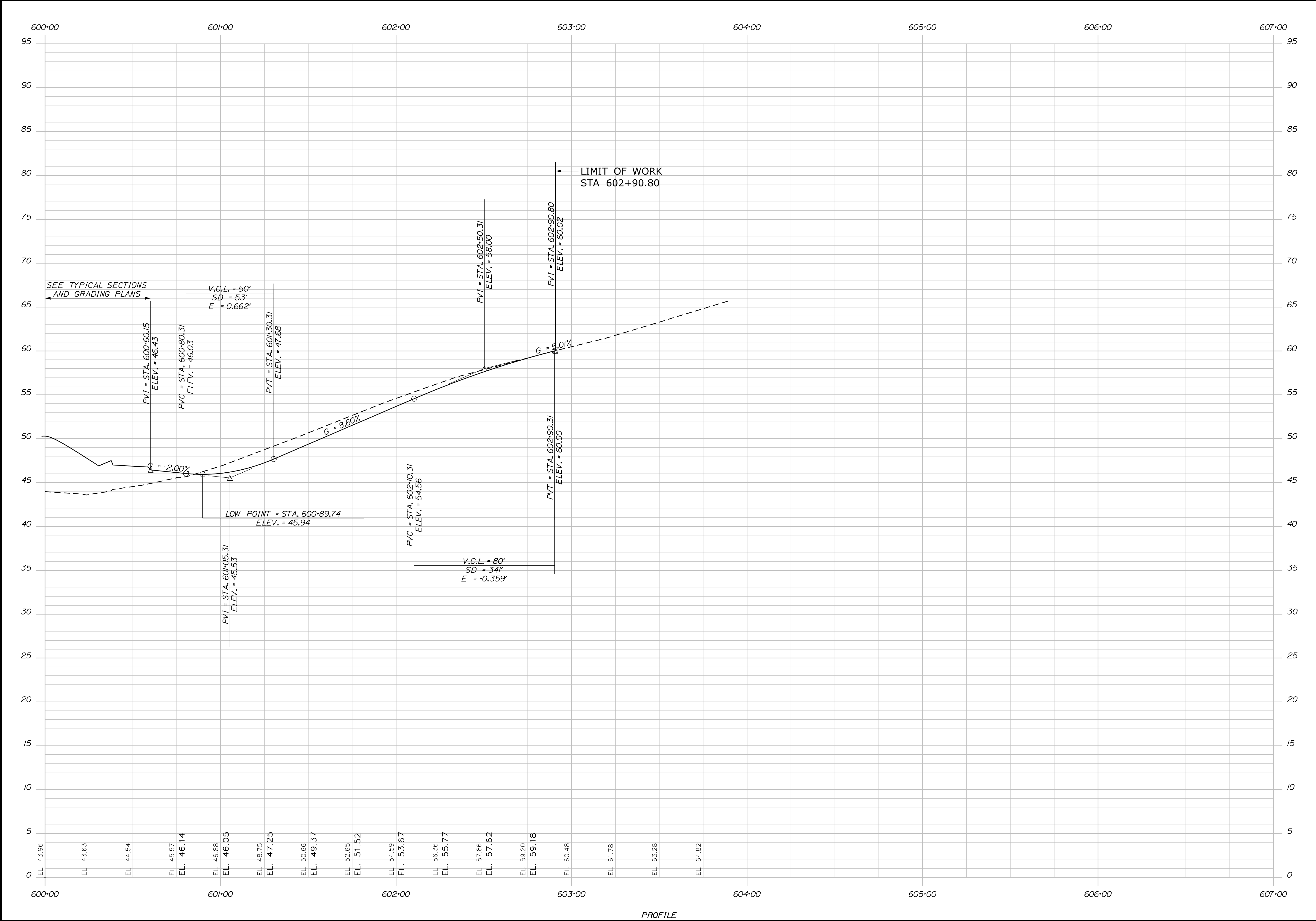
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P.E. NUMBER

DATE

WIN
26019.00

HIGHWAY PLANS



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

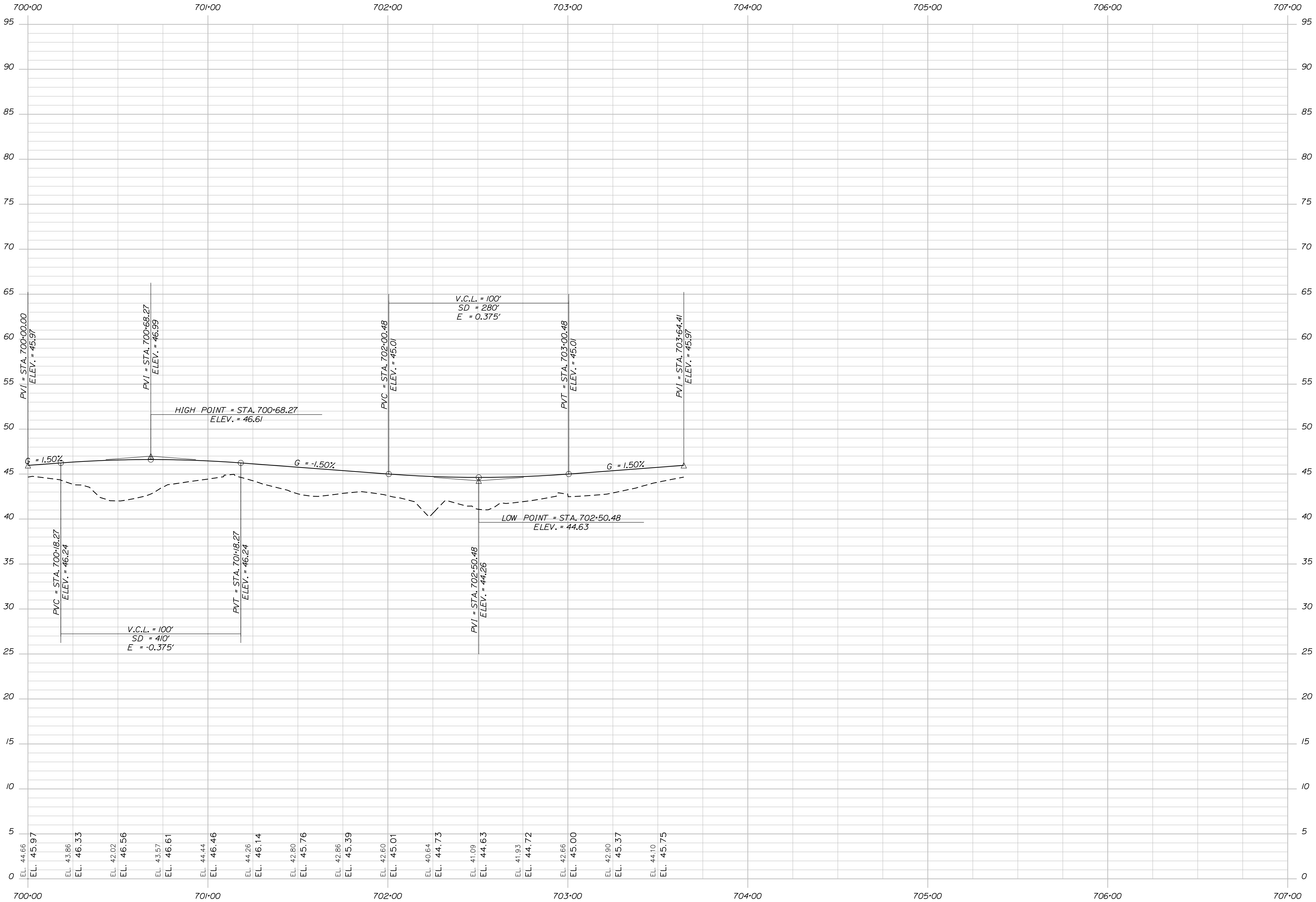
WIN
26019.00
HIGHWAY PLANS

DAMARISCOTTA
US1 AT BELVEDERE RD

PROFILES

SHEET NUMBER
50
OF 77

PROJ. MANAGER	D. COOMBS	BY	DATE
DESIGN-DETAILED	W. STERRITT	W. STERRITT	1/25
CHECKED-REVIEWED	S. MURPHY	S. MURPHY	1/25
DESIGN-DETAILED	-	-	-
DESIGN-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00

HIGHWAY PLANS

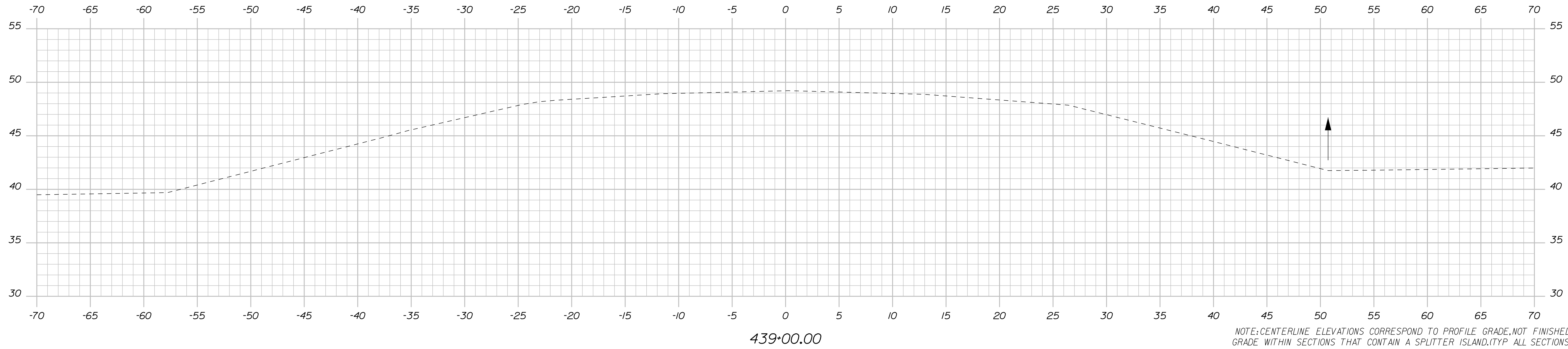
DAMARISCOTTA
US1 AT BELVEDERE RD

SHEET NUMBER
51
OF 77

PROFILES

PROJ. MANAGER	D. COOMBS	BY	W. STERRITT	DATE	1/25
CHECKED	REVIEWED	DESIGNED	S. MURPHY	SIGNATURE	
DESIGNED	REVIEWED	DESIGNED	-	P.E. NUMBER	
REVISIONS 1	-	REVISIONS 2	-	DATE	
REVISIONS 3	-	REVISIONS 4	-		
FIELD CHANGES	-				

Filename: ... \052_cross_sections.dgn



$C = 62.8 \text{ CY}$
 $F = 0.0 \text{ CY}$

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

**WIN
26019.00**

PROJ. MANAGER	APPROV. MANAGER	BY	DATE
DESIGN-DETAILED	W. STONG	W. STONG	12/24
CHECKED-REVIEWED	S. MURPHY	S. MURPHY	12/24
DESIGN-DETAILED03	-	-	
DESIGN-DETAILED02	-	-	
DESIGN-DETAILED01	-	-	
REVISIONS 1	-	-	
REVISIONS 2	-	-	
REVISIONS 3	-	-	
REVISIONS 4	-	-	
REVISIONS 5	-	-	
REVISIONS 6	-	-	
REVISIONS 7	-	-	
REVISIONS 8	-	-	
REVISIONS 9	-	-	
REVISIONS 10	-	-	
REVISIONS 11	-	-	
REVISIONS 12	-	-	
REVISIONS 13	-	-	
REVISIONS 14	-	-	
REVISIONS 15	-	-	
REVISIONS 16	-	-	
REVISIONS 17	-	-	
REVISIONS 18	-	-	
REVISIONS 19	-	-	
REVISIONS 20	-	-	
REVISIONS 21	-	-	
REVISIONS 22	-	-	
REVISIONS 23	-	-	
REVISIONS 24	-	-	
REVISIONS 25	-	-	
REVISIONS 26	-	-	
REVISIONS 27	-	-	
REVISIONS 28	-	-	
REVISIONS 29	-	-	
REVISIONS 30	-	-	
REVISIONS 31	-	-	
REVISIONS 32	-	-	
REVISIONS 33	-	-	
REVISIONS 34	-	-	
REVISIONS 35	-	-	
REVISIONS 36	-	-	
REVISIONS 37	-	-	
REVISIONS 38	-	-	
REVISIONS 39	-	-	
REVISIONS 40	-	-	
REVISIONS 41	-	-	
REVISIONS 42	-	-	
REVISIONS 43	-	-	
REVISIONS 44	-	-	
REVISIONS 45	-	-	
REVISIONS 46	-	-	
REVISIONS 47	-	-	
REVISIONS 48	-	-	
REVISIONS 49	-	-	
REVISIONS 50	-	-	
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REVISIONS 73	-	-	
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REVISIONS 87	-	-	
REVISIONS 88	-	-	
REVISIONS 89	-	-	
REVISIONS 90	-	-	
REVISIONS 91	-	-	
REVISIONS 92	-	-	
REVISIONS 93	-	-	
REVISIONS 94	-	-	
REVISIONS 95	-	-	
REVISIONS 96	-	-	
REVISIONS 97	-	-	
REVISIONS 98	-	-	
REVISIONS 99	-	-	
REVISIONS 100	-	-	
REVISIONS 101	-	-	
REVISIONS 102	-	-	
REVISIONS 103	-	-	
REVISIONS 104	-	-	
REVISIONS 105	-	-	
REVISIONS 106	-	-	
REVISIONS 107			

DAMARISCOTTA
US1 AT BELVEDERE RD

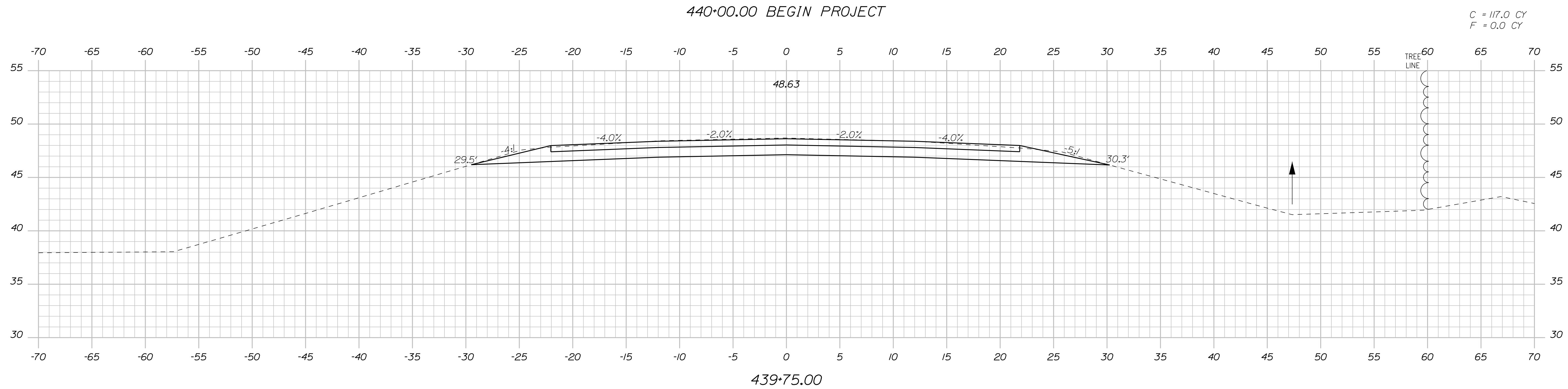
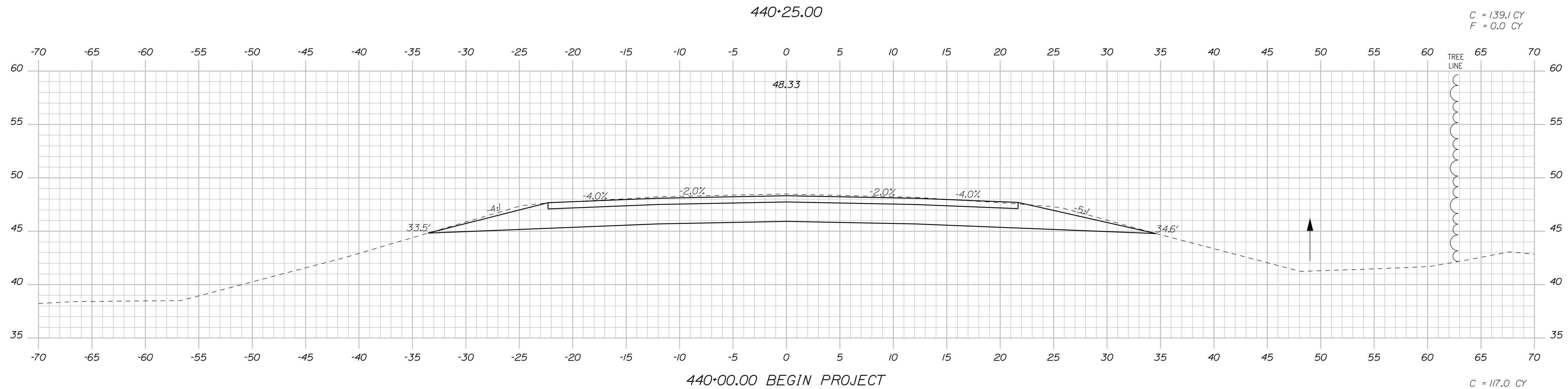
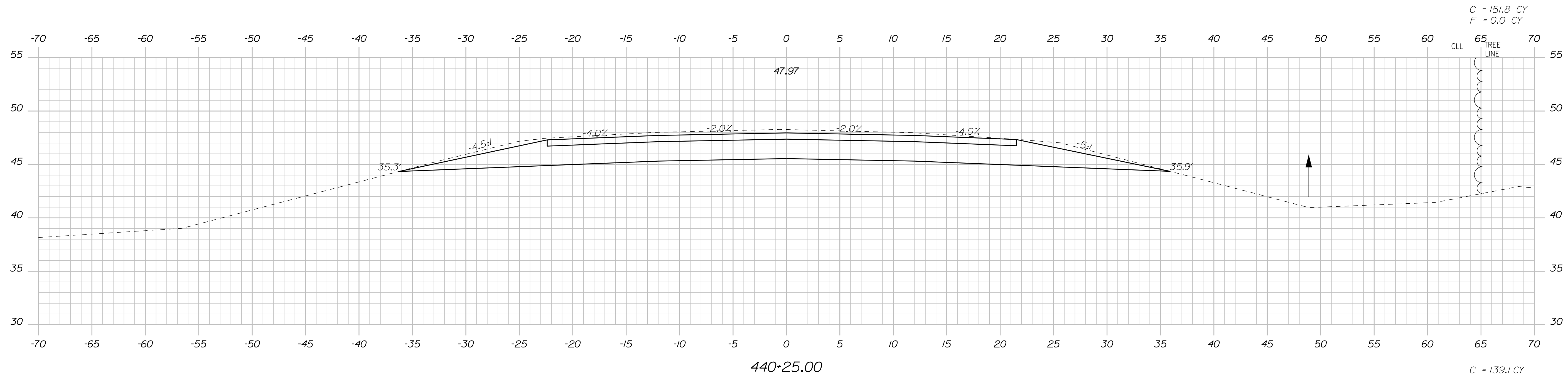
CROSS SECTIONS

SHEET NUMBER

52

OF 77

NOTE: CENTERLINE ELEVATIONS CORRESPOND TO PROFILE GRADE, NOT FINISHED GRADE WITHIN SECTIONS THAT CONTAIN A SPLITTER ISLAND. (TYP ALL SECTIONS.)



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00

HIGHWAY PLANS

PROJ. MANAGER	PROJ. MANAGERS	BY	DATE
DESIGN-DETAILED	W. STRONG	W. STRONG	12/24
CHECKED-REVIEWED	S. MURPHY	S. MURPHY	12/24
DESIGN-DATE/EOJ	-	-	-
DESIGNS-DATE/EOJ	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-
		SIGNATURE	
		P.E. NUMBER	
		DATE	

DAMARISCOTTA
US1 AT BELVEDERE RD

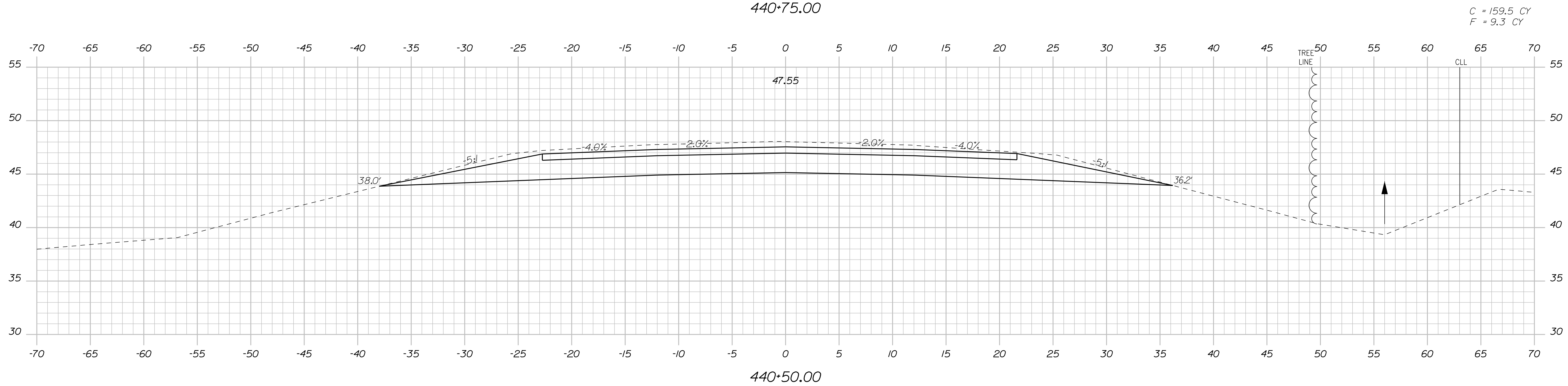
CROSS SECTIONS

SHEET NUMBER

53

OF 77

Filename: ... \052_cross_sections.dgn



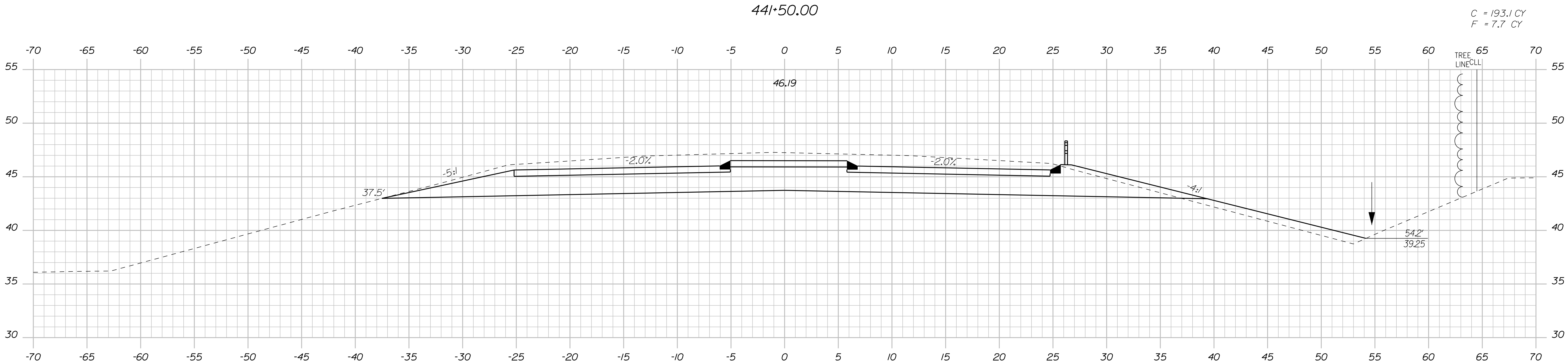
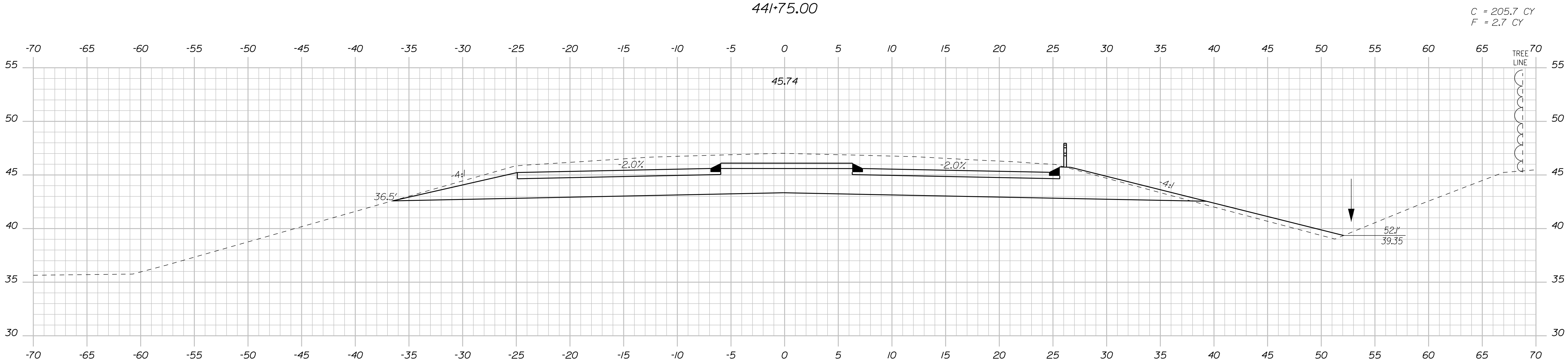
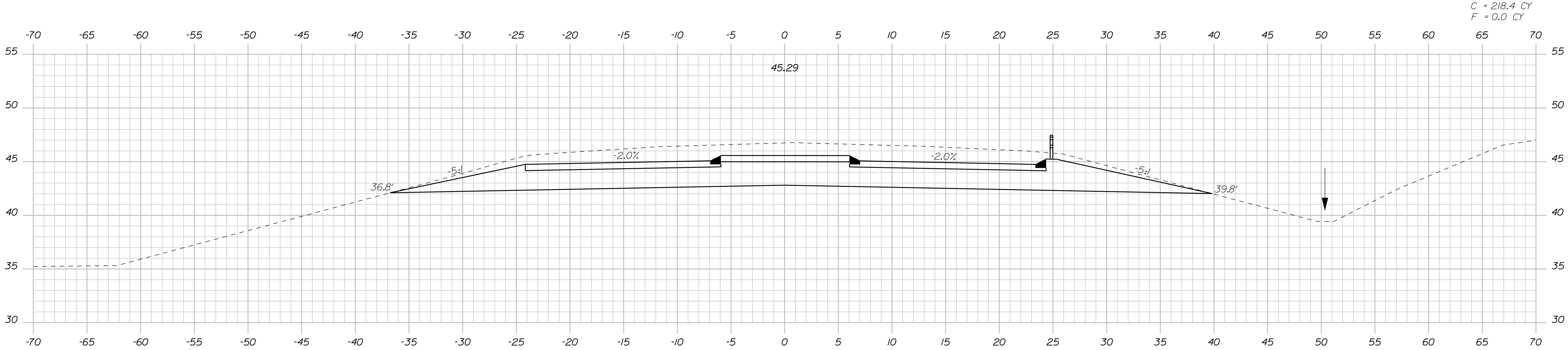
SHEET NUMBER
54
OF 77

Date:1/27/2025

Username: MurphySP

Division:

Filename: ... \052_cross_sections.dgn



PROJ. MANAGER	#	PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	1	W. STRONG	W. STRONG	12/24
CHECKED-REVIEWED	2	S. MURPHY	S. MURPHY	12/24
DESIGN-DETAILED	3	-	-	-
REVISIONS 1	4	-	-	-
REVISIONS 2	5	-	-	-
REVISIONS 3	6	-	-	-
REVISIONS 4	7	-	-	-
FIELD CHANGES	8	-	-	-

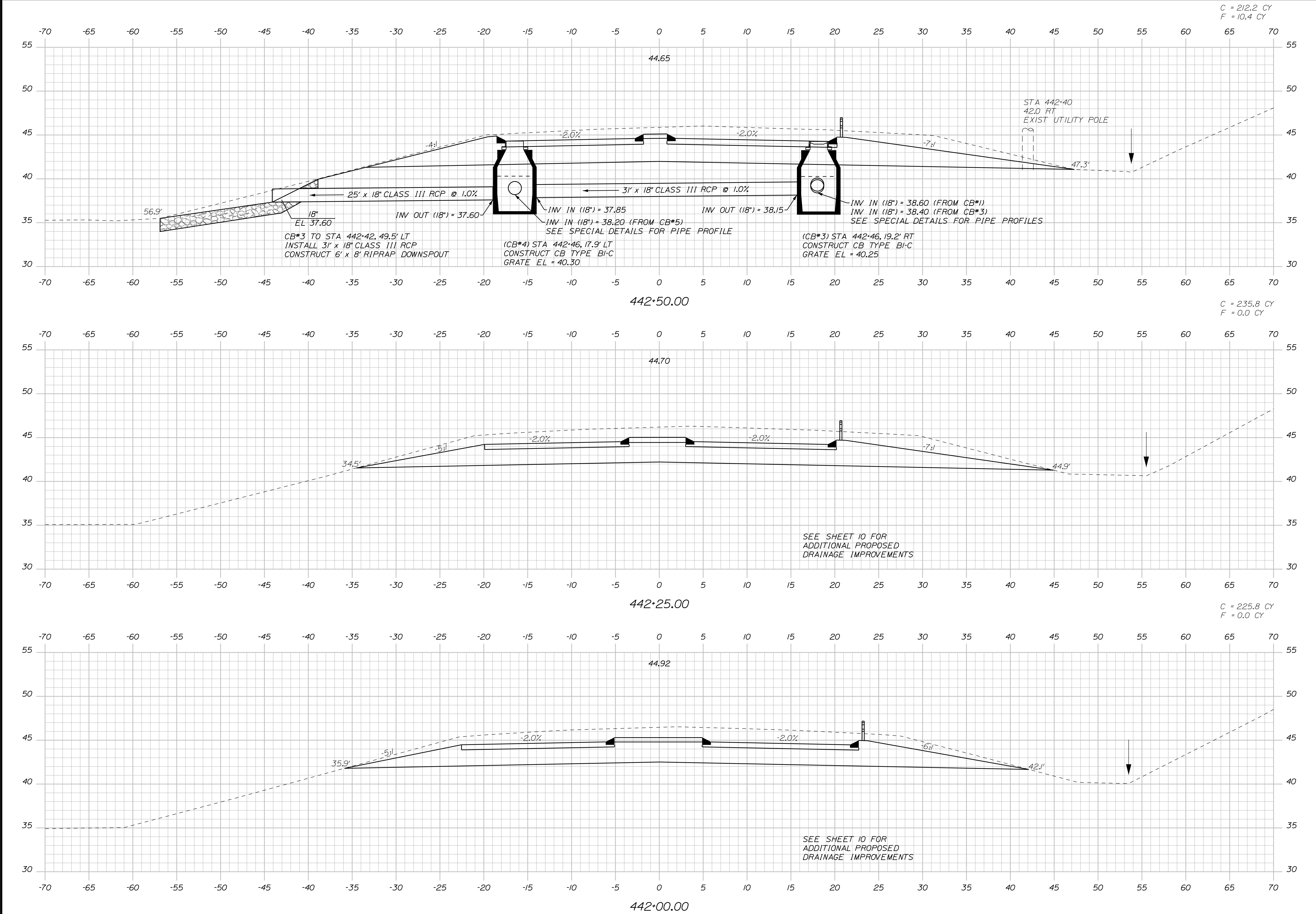
SIGNATURE
P.E. NUMBER
DATE

Date:1/27/2025

Username: MurphySP

Division:

Filename: ... \052_cross_sections.dgn



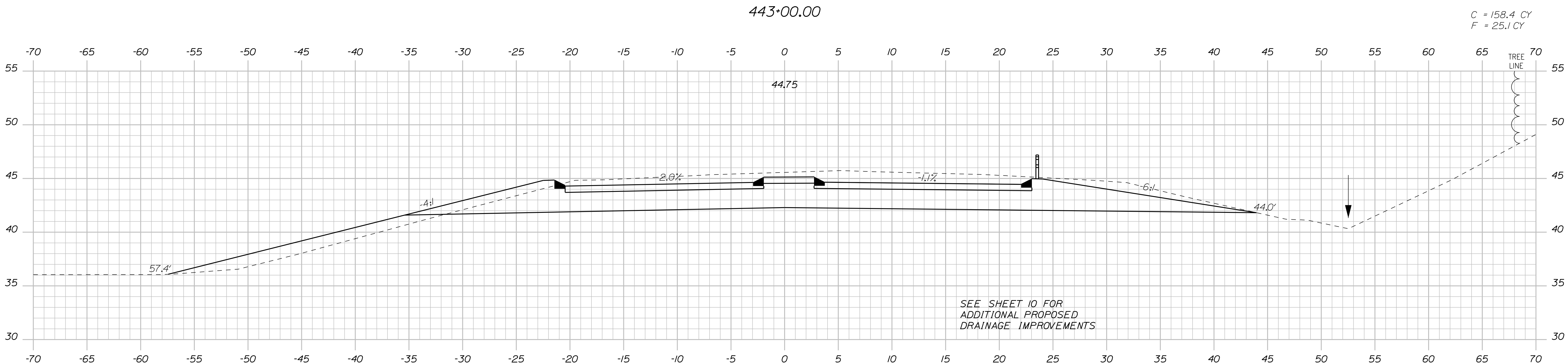
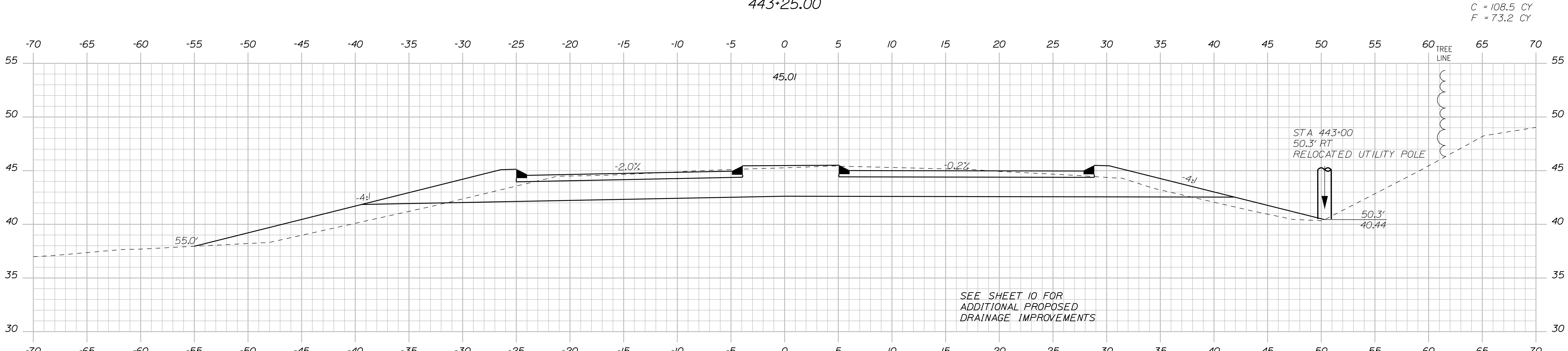
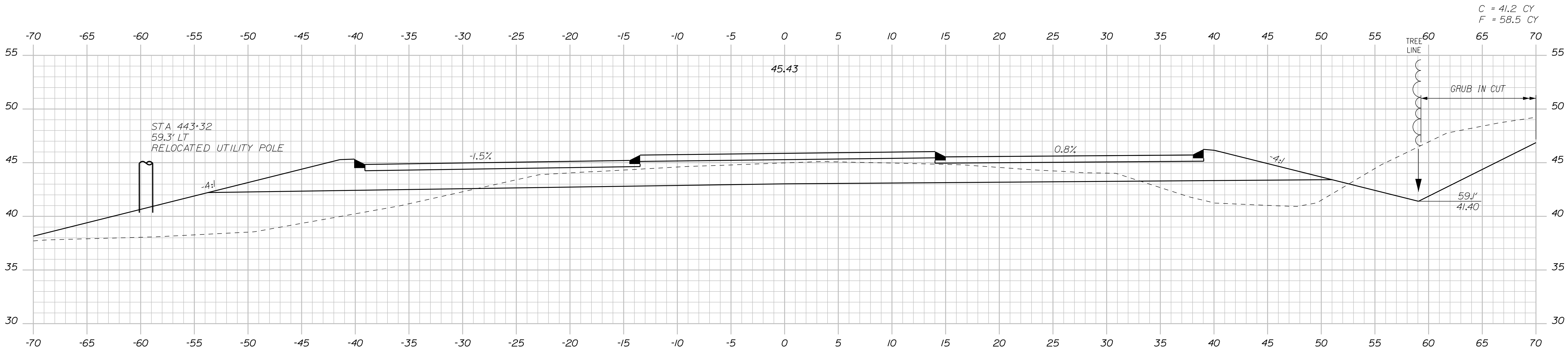
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		WIN		26019.00		HIGHWAY PLANS	
PROJECT		SHEET NUMBER		DATE		P.E. NUMBER		SIGNATURE	
DAMARISCOTTA RD		US1 AT BELVEDERE RD		12/24		-		-	
CROSS SECTIONS		SHEET NUMBER		DATE		P.E. NUMBER		SIGNATURE	
56		OF 77		-		-		-	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 1		REVISIONS 2	
W. STRONG		S. MURPHY		-		-		-	
BY		PROJ. MANAGER		REVISIONS 3		REVISIONS 4		FIELD CHANGES	
12/24		-		-		-		-	
DATE		BY		PROJ. MANAGER		REVISIONS 1		REVISIONS 2	
12/24		W. STRONG		S. MURPHY		-		-	
DATE		BY		PROJ. MANAGER		REVISIONS 3		REVISIONS 4	
12/24		-		-		-		-	

Date:1/27/2025

Username: MurphySP

Division:

Filename: ... \052_cross_sections.dgn

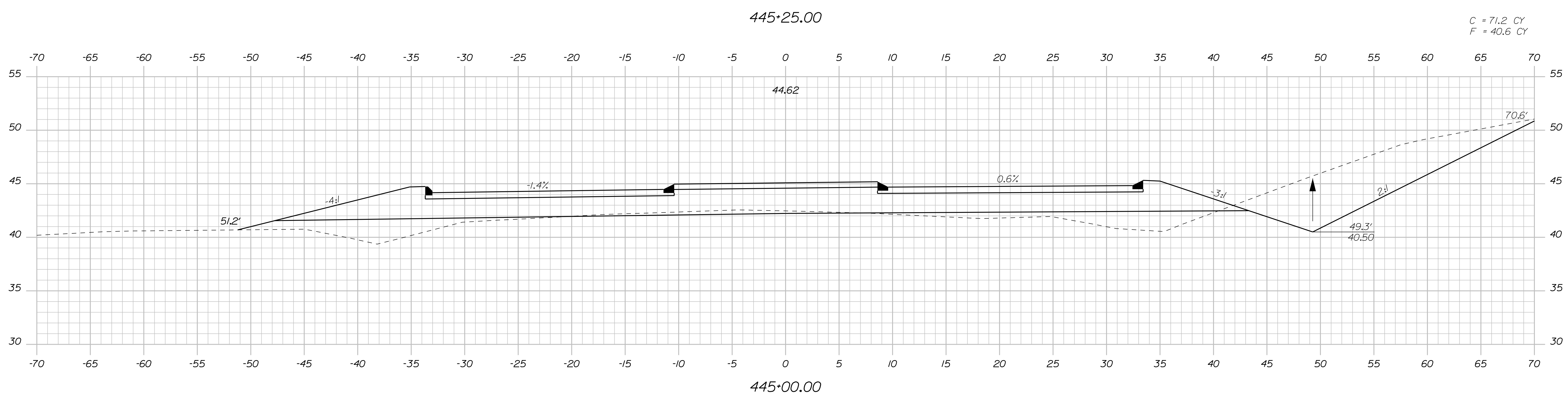
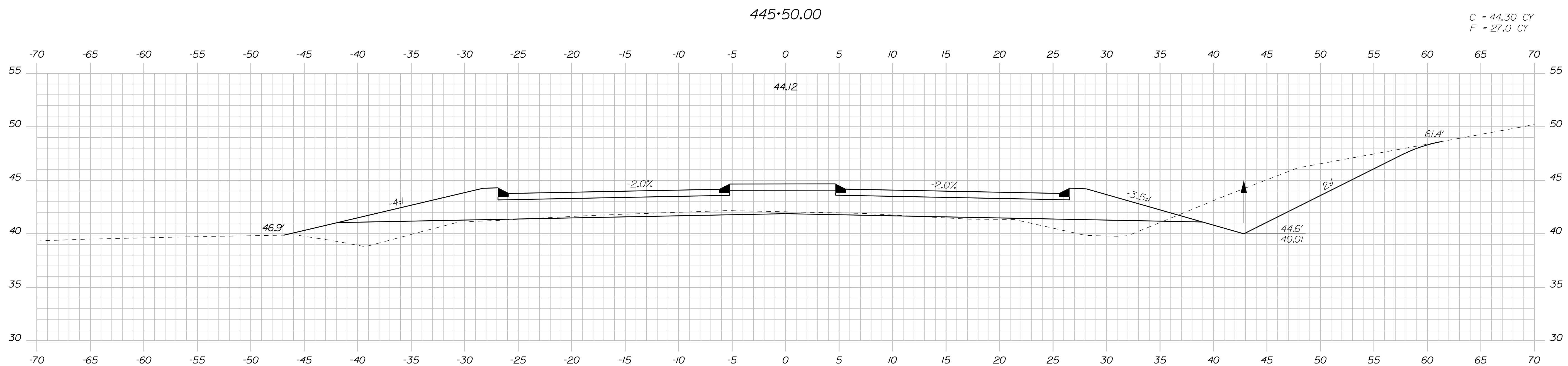
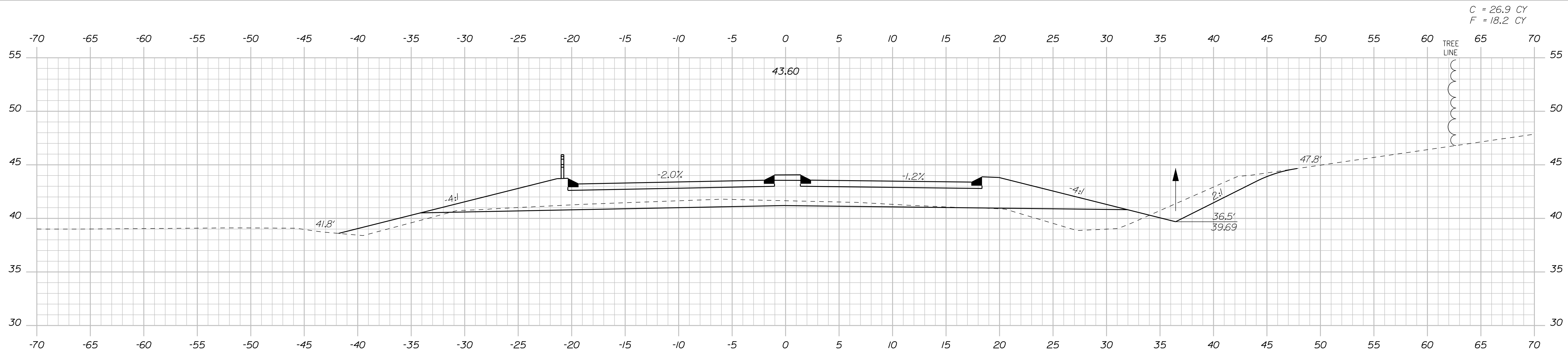


STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	HIGHWAY PLANS
26019.00	

PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGNED-DETAILED	W. STRONG	12/24	
CHECKED-REVIEWED	S. MURPHY	12/24	
DESIGNED-DETAILED			
DESIGNED-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

DAMARISCOTTA RD
US1 AT BELVEDERE RD
CROSS SECTIONS

SHEET NUMBER
57
OF 77



STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

WIN

26019.00

HIGHWAY PLANS

DAMARISCOTTA
US1 AT BELVEDERE RD

CROSS SECTIONS

SHEET NUMBER

58

OF 77

Date: 1/27/2025

Username: MurphySP

Division:

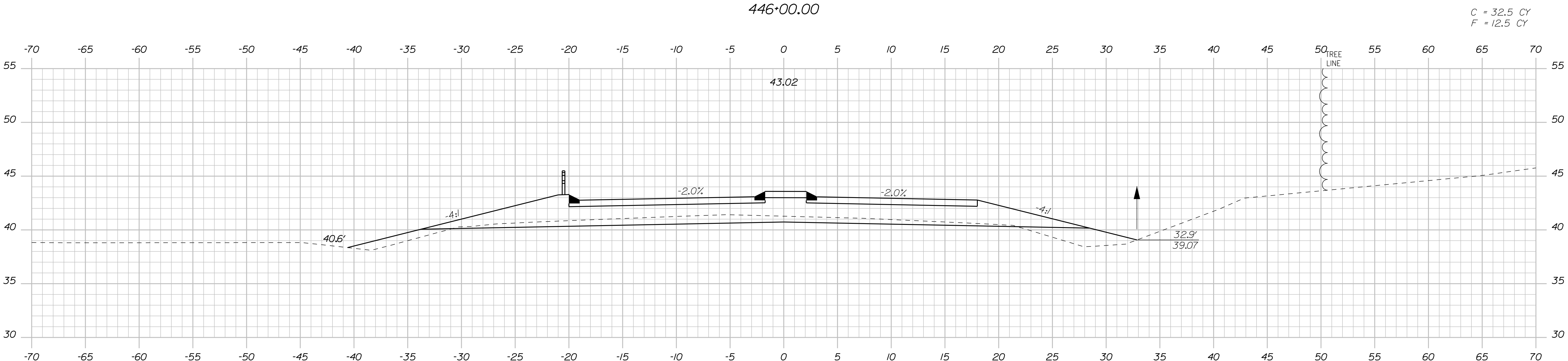
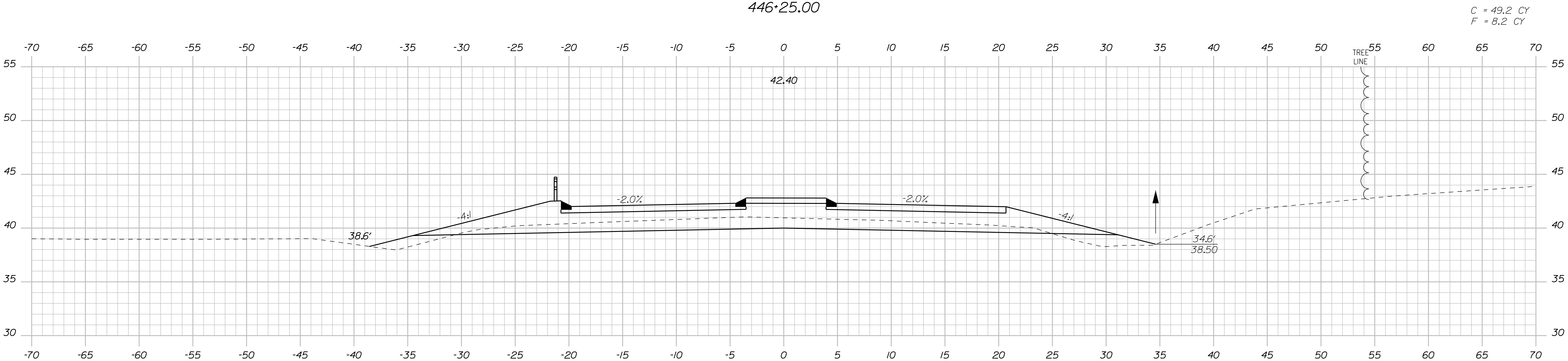
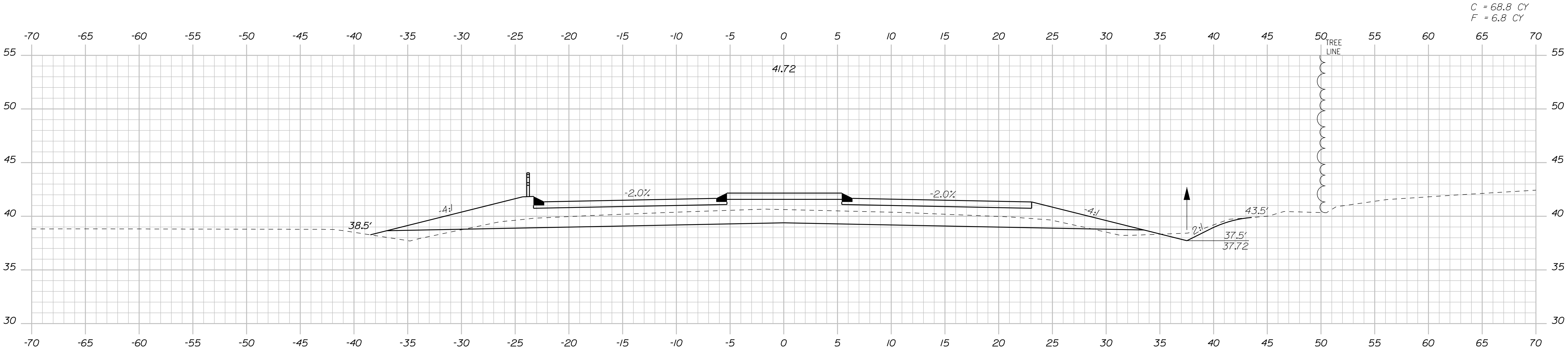
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Date:1/27/2025

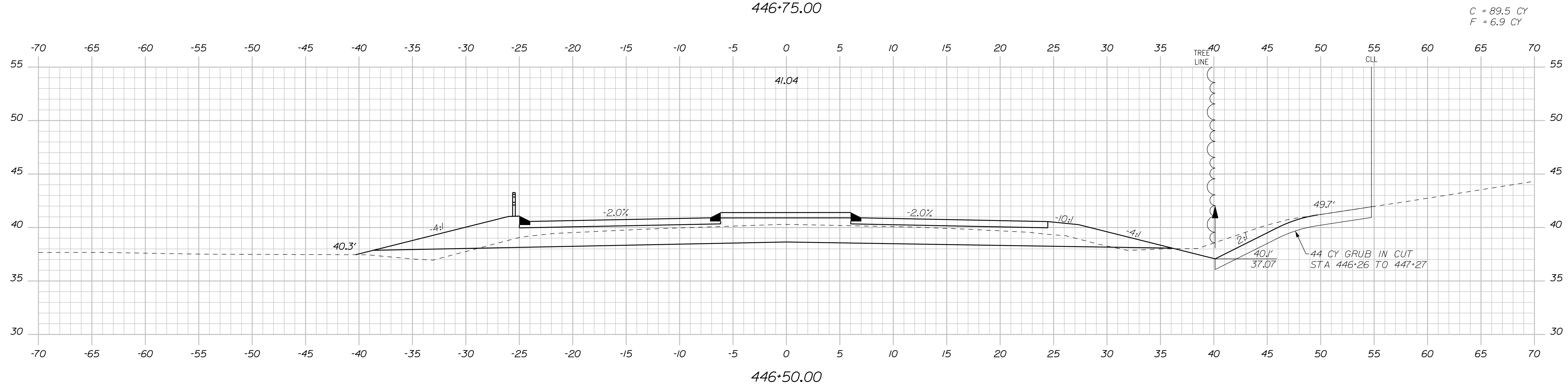
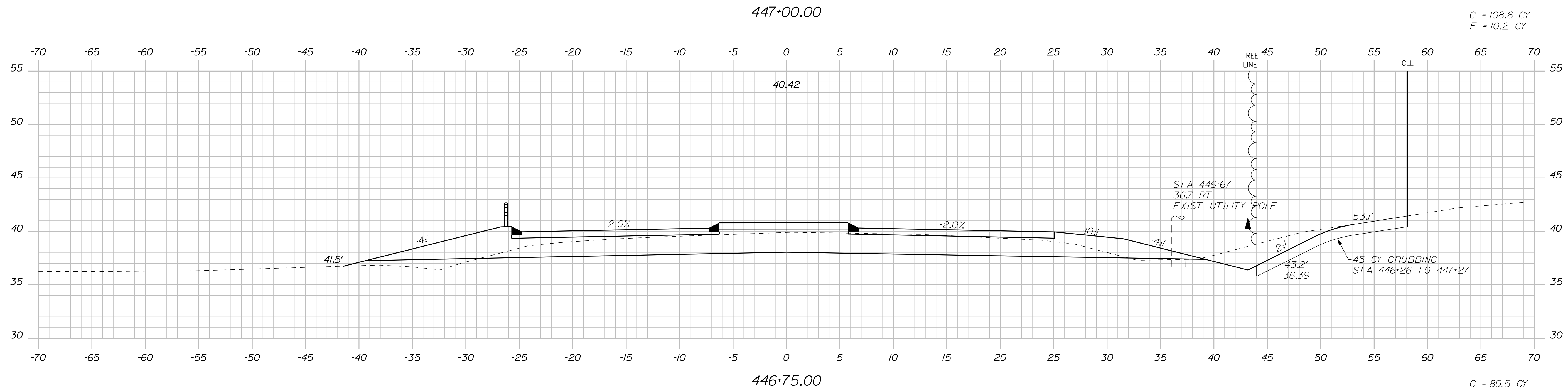
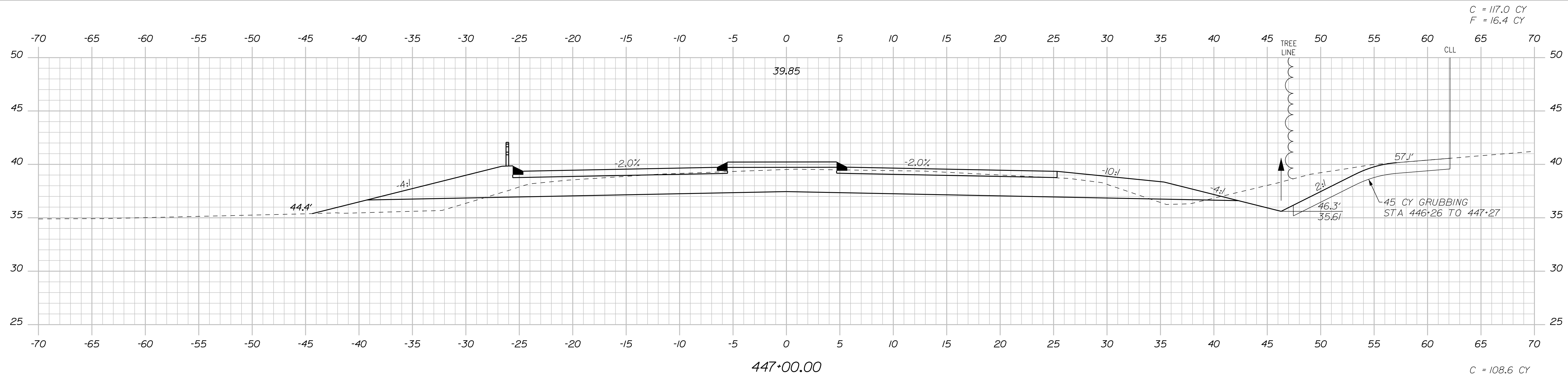
Username: MurphySP

Division:

Filename: ... \052_cross_sections.dgn



PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	W. STRONG	12/24
CHECKED-REVIEWED	S. MURPHY	12/24
DESIGN-DETAILED	-	-
REVISIONS 1	-	-
REVISIONS 2	-	-
REVISIONS 3	-	-
REVISIONS 4	-	-
FIELD CHANGES	-	-



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

**WIN
\$26019.00**

HIGHWAY PLANS

PROJ. MANAGER	PROJ. MANAGERS	BY	DATE
DESIGN-DETAILED	W. STRONG	W. STRONG	12/24
DESIGN2-REVIEWED	S. MURPHY	S. MURPHY	12/24
DESIGN2-DETAILED2	-	-	-
DESIGN3-DETAILED3	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
REVISIONS 5	-	-	-
SIGNATURE			
P.E. NUMBER			
DATE			

SIGNATURE

P.E. NUMBER

DATE

[illegible]

PROJ. MANAGER	SPROJMANAGER	W. STRONG	S. MURPHY
DESIGN-DETAILED	CHECKED-REVIEWED	-	-
DESIGN2-DETAILED2	DESIGN3-DETAILED3	-	-
REVISIONS 1	REVISIONS 2	-	-
REVISIONS 3	REVISIONS 4	-	-
FIELD CHANGES			

DAMARISCOTTA
 US1 AT BELVEDERE RD
 CROSS SECTIONS

SHEET NUMBER

60

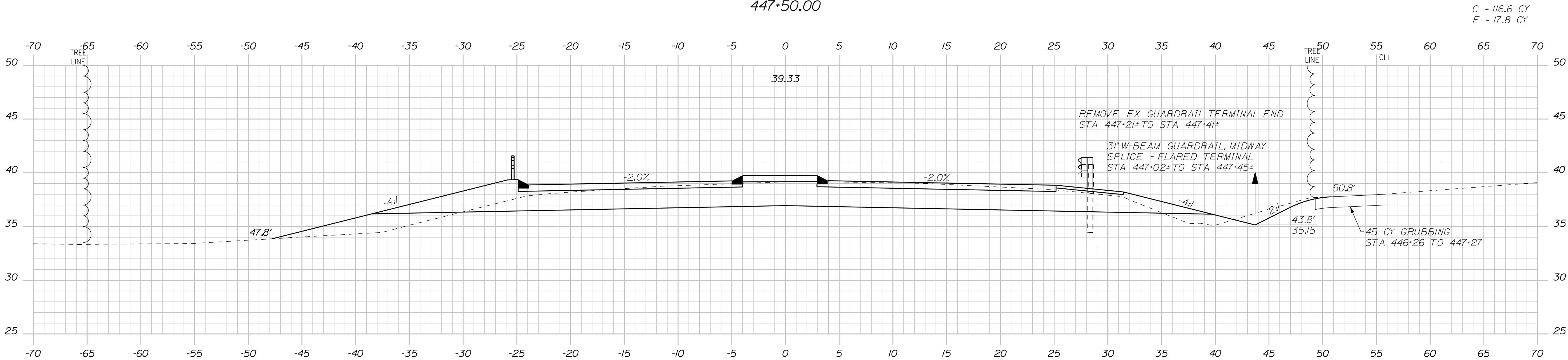
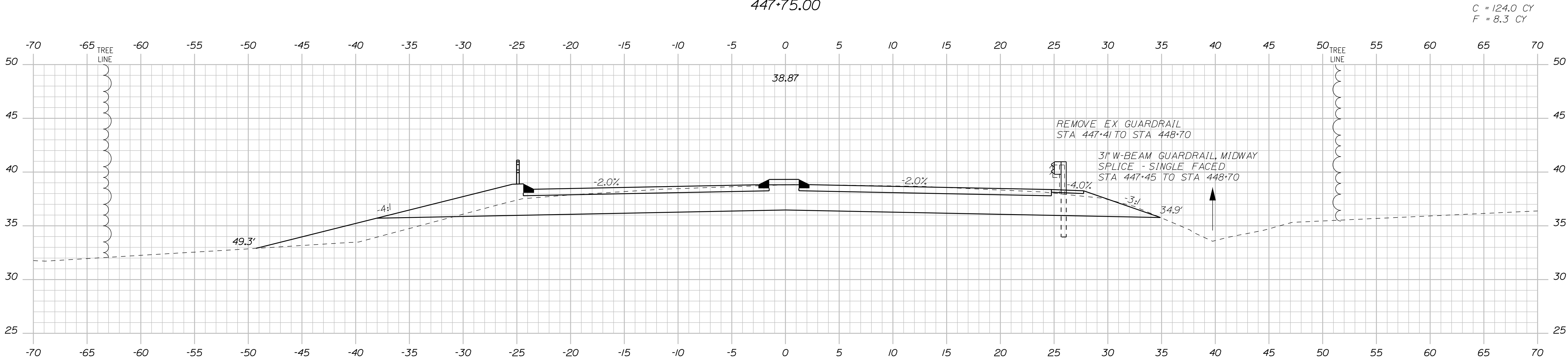
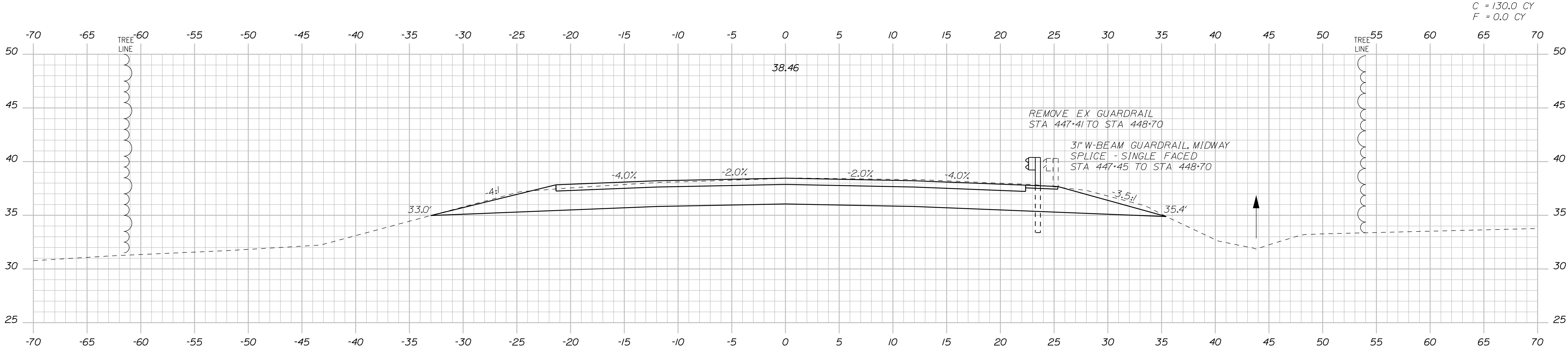
OF 77

Date:1/27/2025

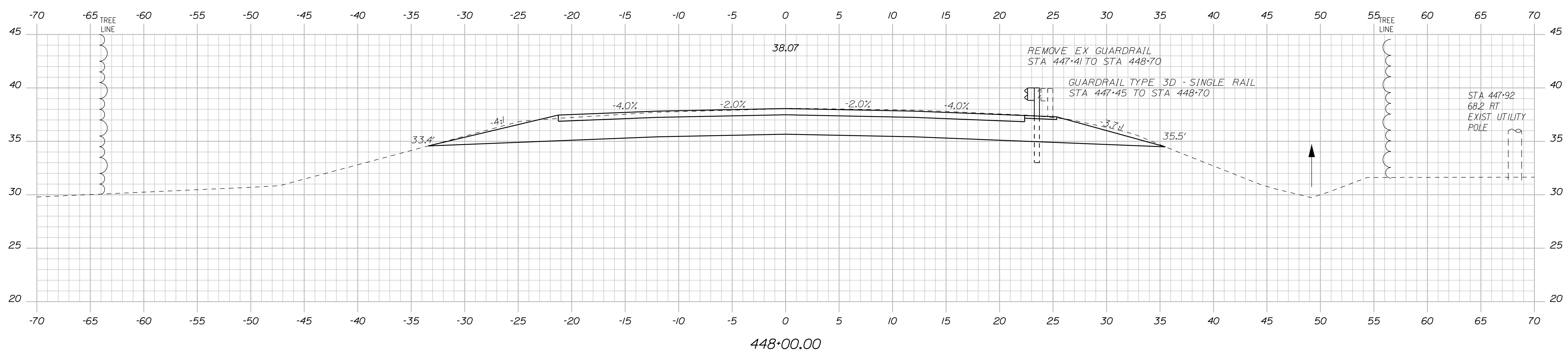
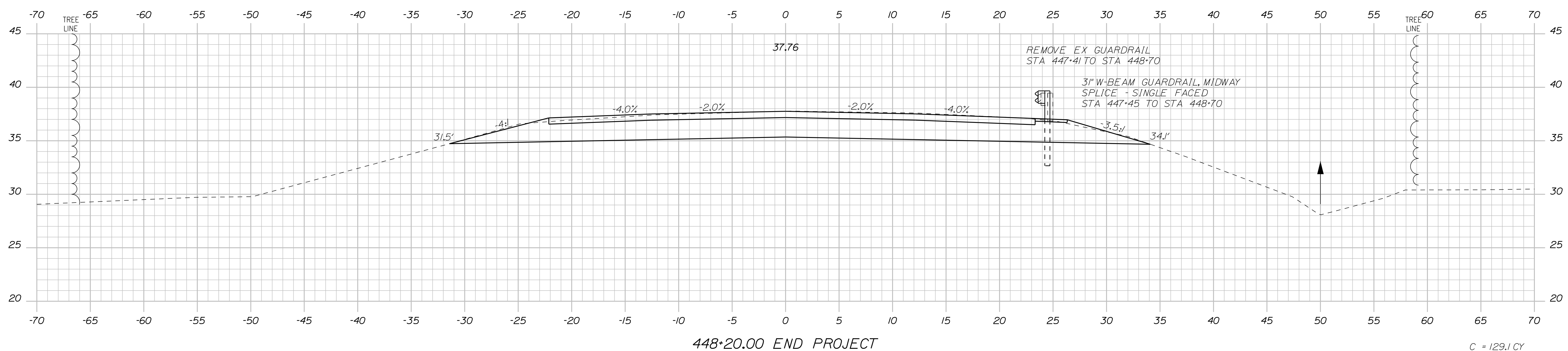
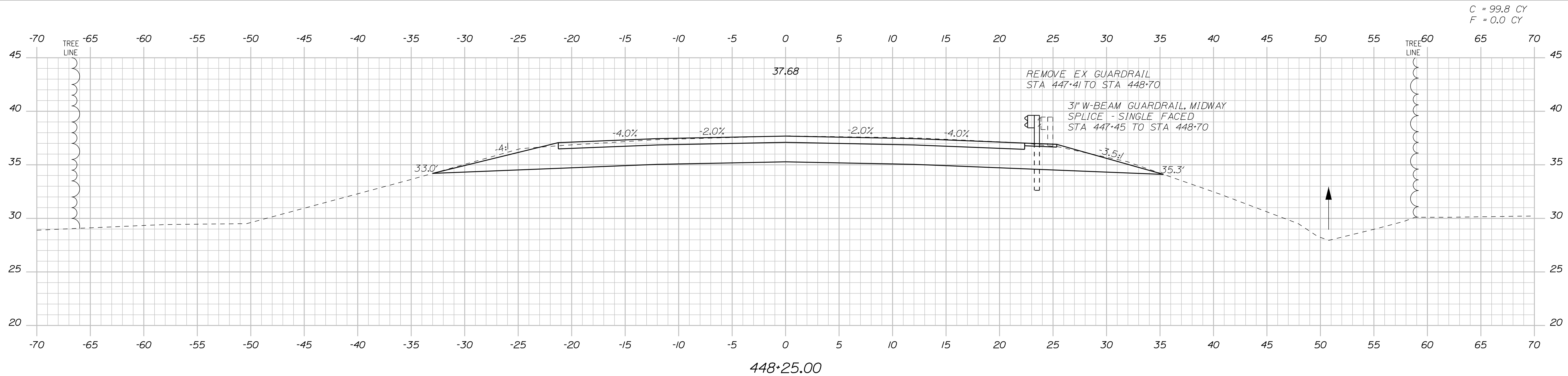
Username: MurphySP

Division:

Filename: ... \052_cross_sections.dgn



PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	W. STRONG	12/24			
CHECKED-REVIEWED	S. MURPHY	12/24			
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

**WIN
26019.00**

PROJ. MANAGER	PROJ.MANAGERS	BY	DATE
DESIGN-DETAILED	W. STRONG	12/24	SIGNATURE
CHECKED-REVIEWED	S. MURPHY	12/24	
DESIGN-DETAILED02	-	-	
DESIGN-DETAILED03	-	-	
REVISIONS 1	-	-	P.E. NUMBER
REVISIONS 2	-	-	
REVISIONS 3	-	-	
REVISIONS 4	-	-	
FIELD CHANGES	-	-	DATE

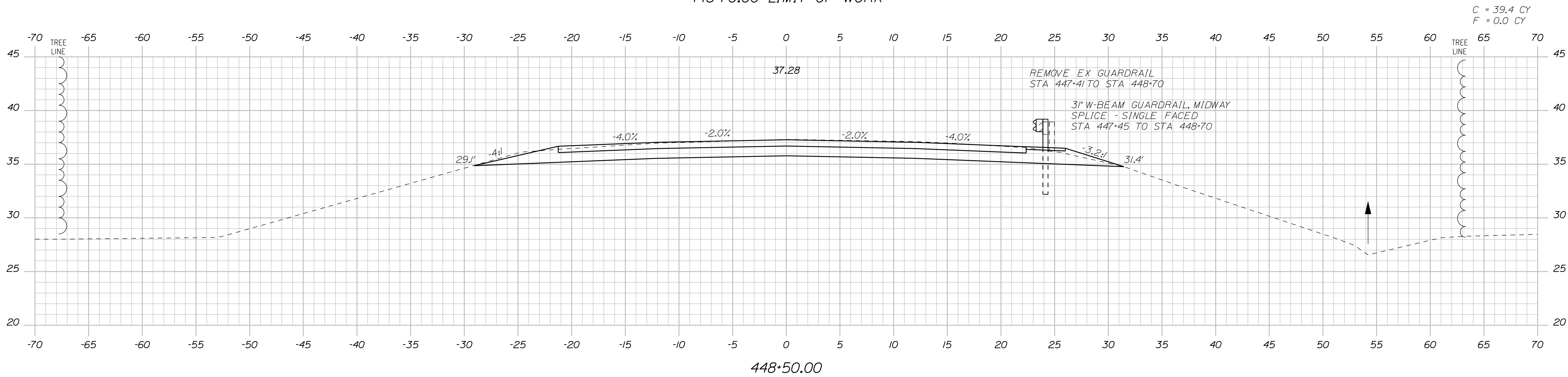
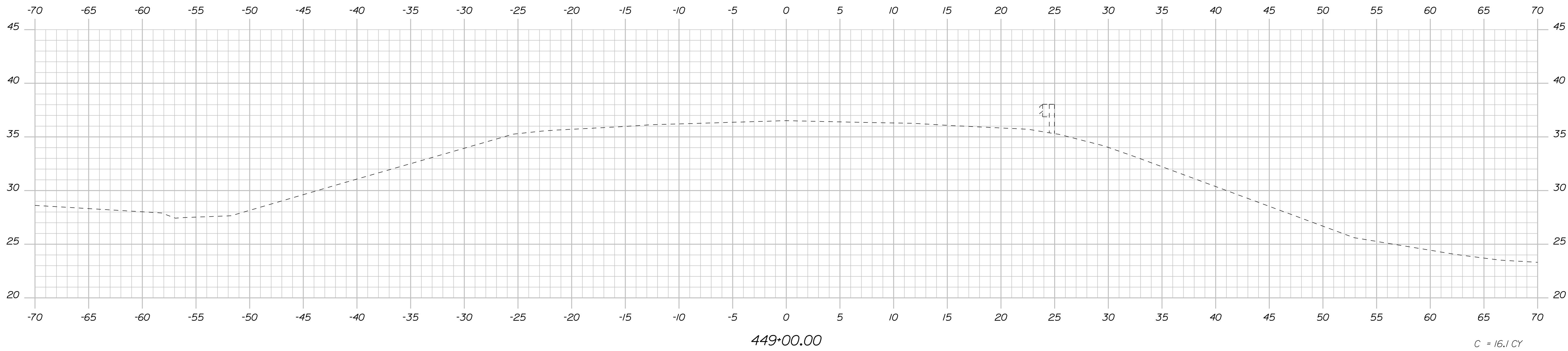
DAMARISCOTTA
US1 AT BELVEDERE RD

CROSS SECTIONS

SHEET NUMBER

62

OF 77

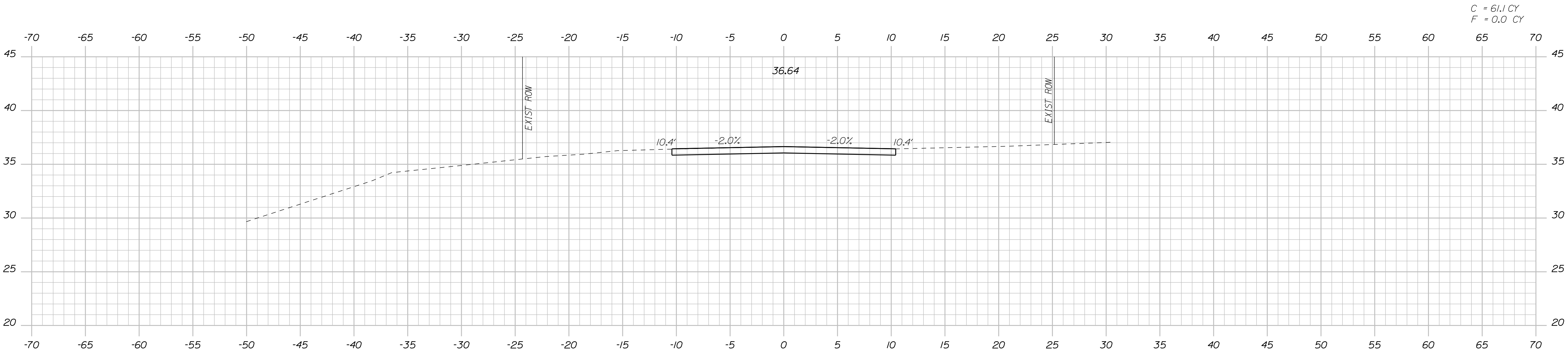


Date:1/27/2025

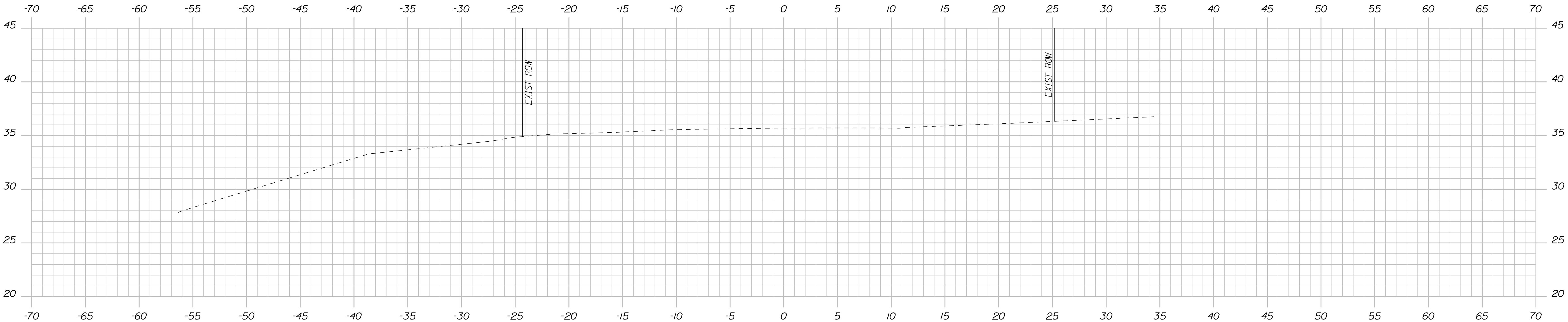
Username: MurphySP

Division:

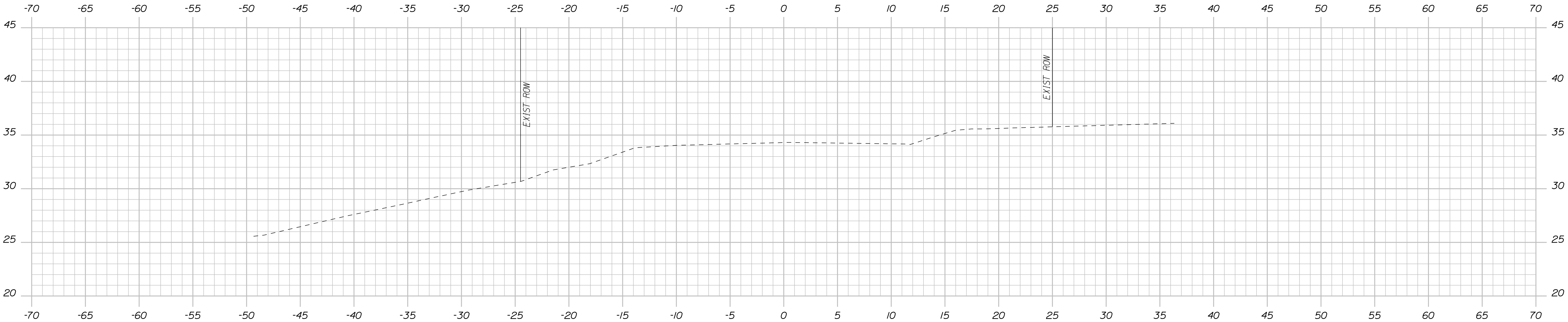
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501+00.00 LIMIT OF WORK



500+75.00



500+50.00

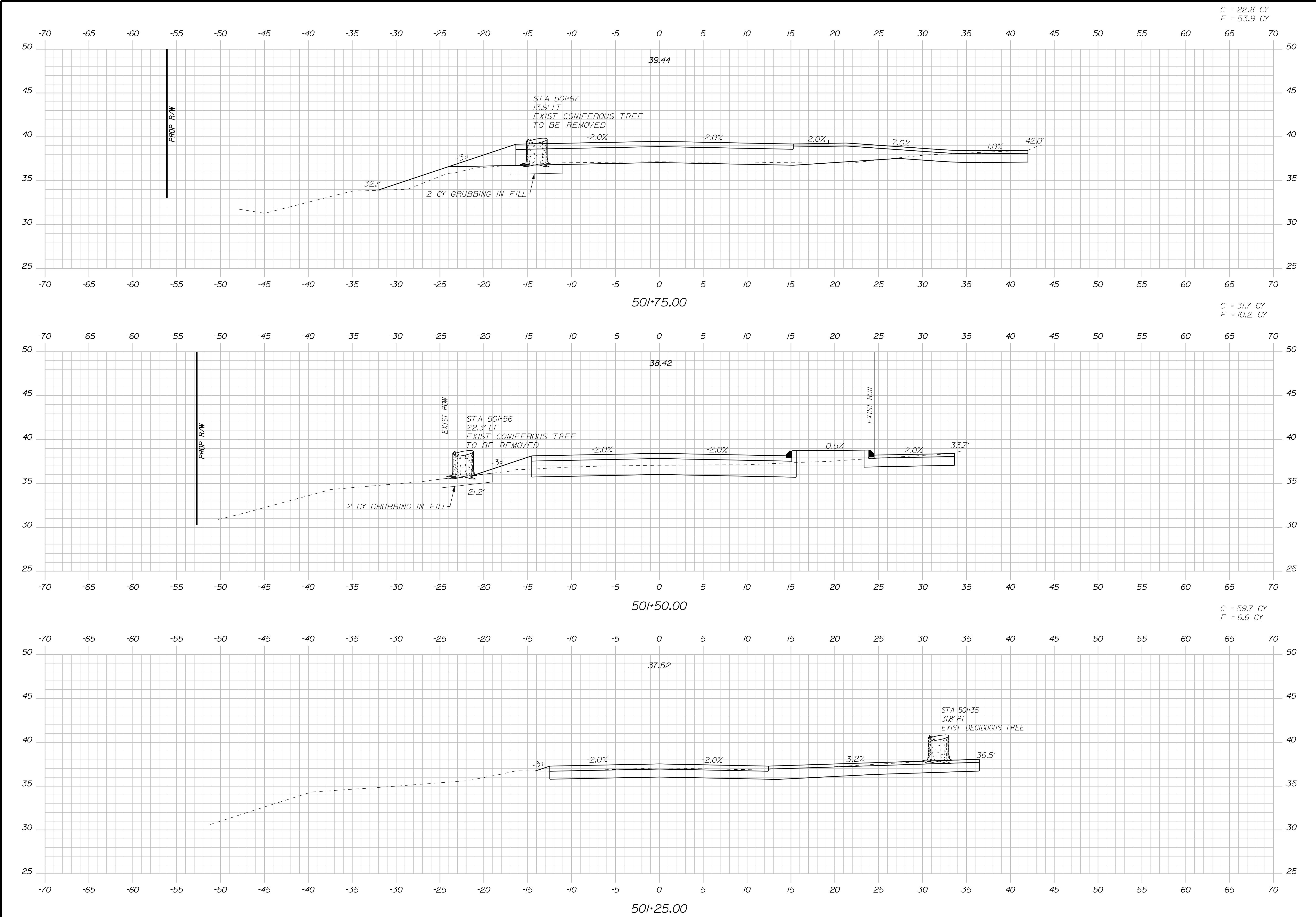
PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	W. STRONG	12/24
CHECKED-REVIEWED	S. MURPHY	12/24
DESIGN-DETAILED	-	-
REVISIONS 1	-	-
REVISIONS 2	-	-
REVISIONS 3	-	-
REVISIONS 4	-	-
FIELD CHANGES	-	-

Date:1/27/2025

Username: MurphySP

Division:

Filename: ... \052_cross_sections.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00
HIGHWAY PLANS

DATE
12/24

BY
W. STRONG
S. MURPHY

PROJ. MANAGER
S. MURPHY

CHECKED-REVIEWED
S. MURPHY

DESIGN-DETAILED
-

REVISIONS 1
-

REVISIONS 2
-

REVISIONS 3
-

REVISIONS 4
-

FIELD CHANGES
-

SIGNATURE

P.E. NUMBER

DATE

DAMARISCOTTA
US1 AT BELVEDERE RD

CROSS SECTIONS

SHEET NUMBER

65

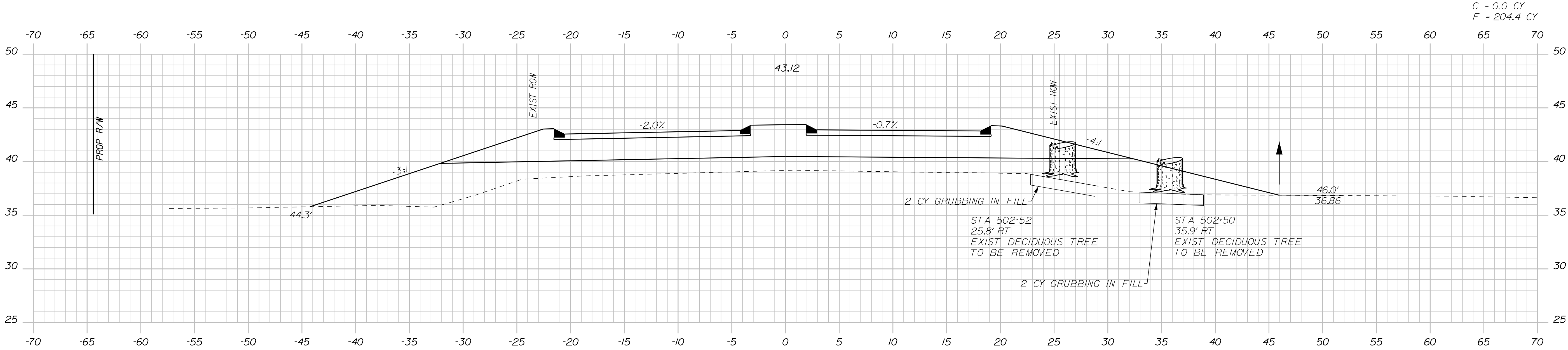
OF 77

Date:1/27/2025

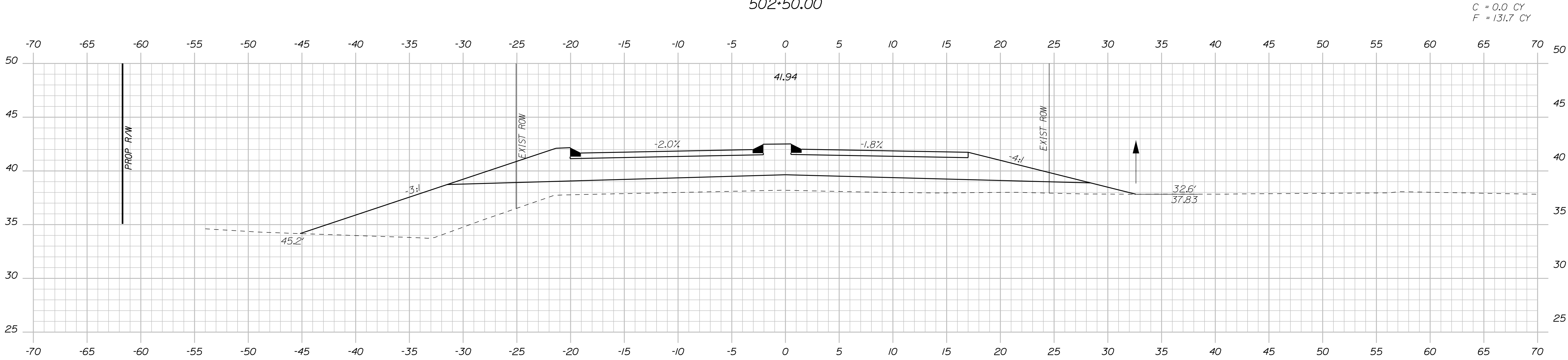
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Division:

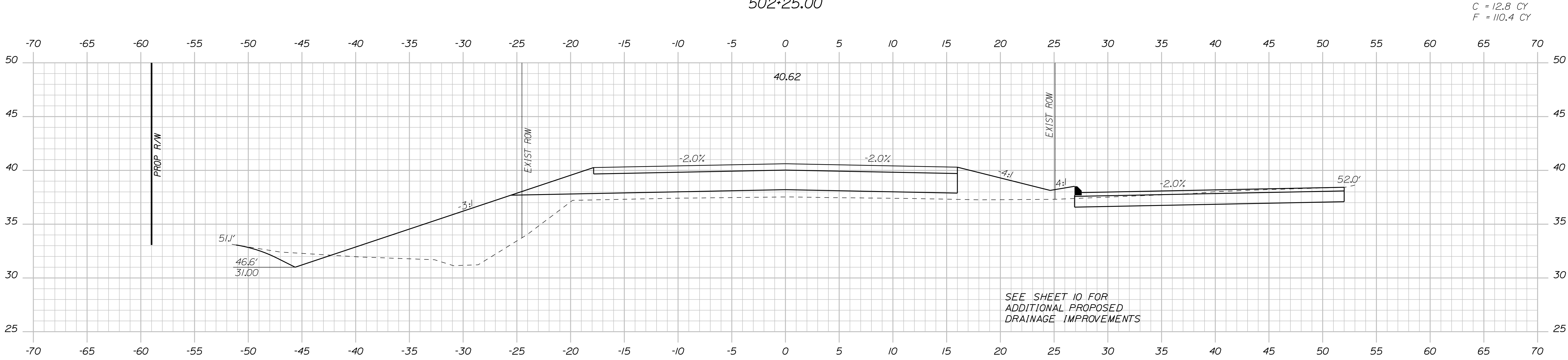
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502+50.00

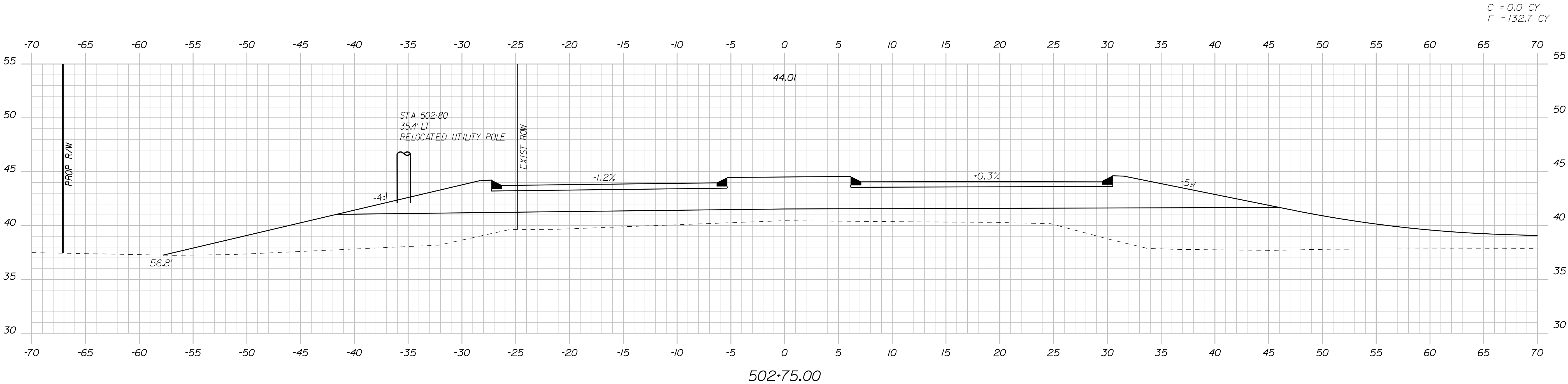


502+25.00



502+00.00

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
W. STRONG	S. MURPHY	-	-	-	-	-	-	-
BY	DATE	SIGNATURE	P.E. NUMBER	DATE				
W. STRONG	12/24							
S. MURPHY	12/24							



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		DATE	
WIN 26019.00		P.E. NUMBER		DATE	
HIGHWAY PLANS		-		-	

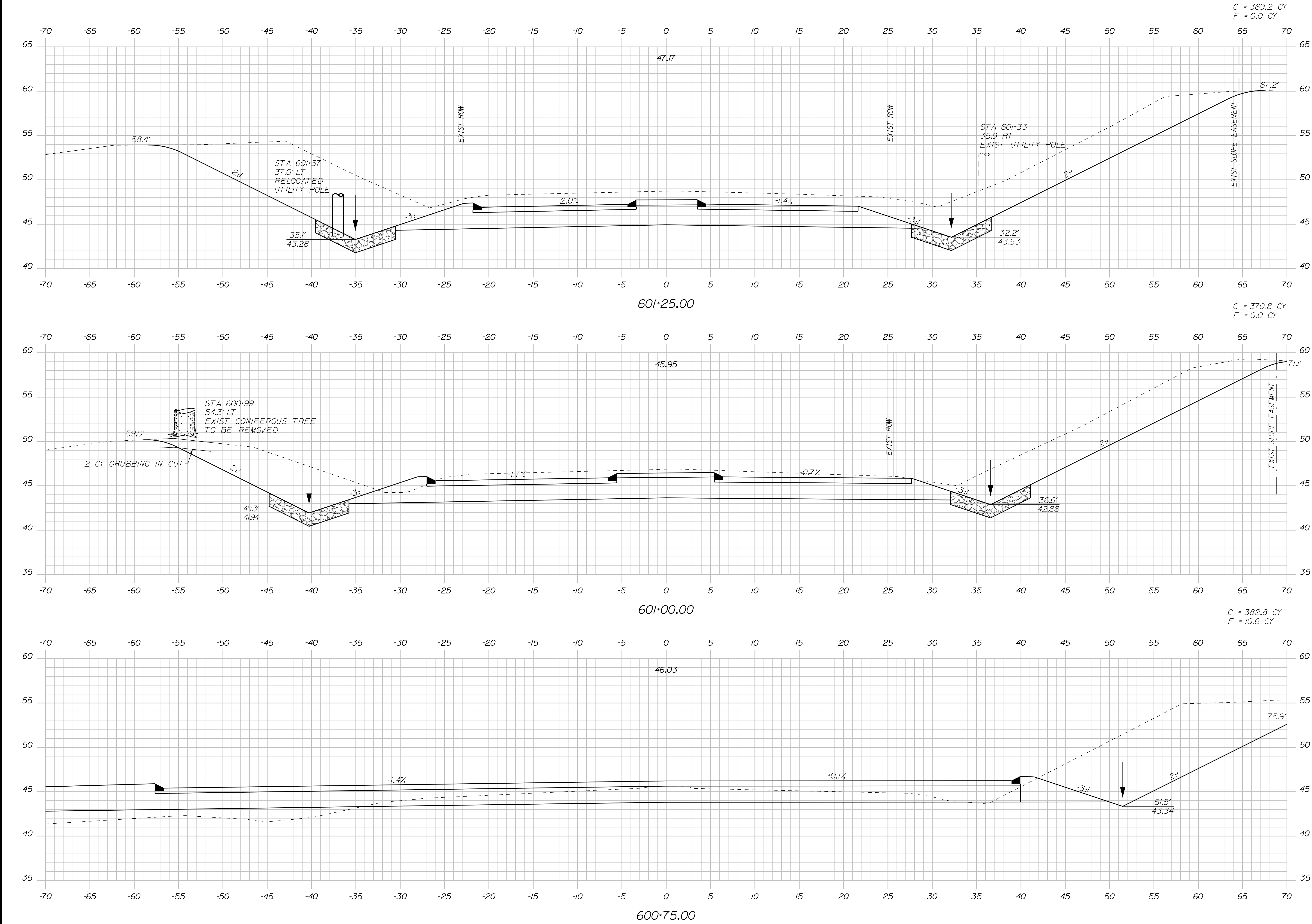
DAMARISCOTTA RD		US1 AT BELVEDERE RD	
CROSS SECTIONS		SHEET NUMBER	
67		OF 77	

Date:1/27/2025

Username: MurphySP

Division:

Filename: ... \052_cross_sections.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00

HIGHWAY PLANS

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

BY
W. STRONG
S. MURPHY
-
-
-
-
-

DATE
12/24
12/24
-
-
-
-
-

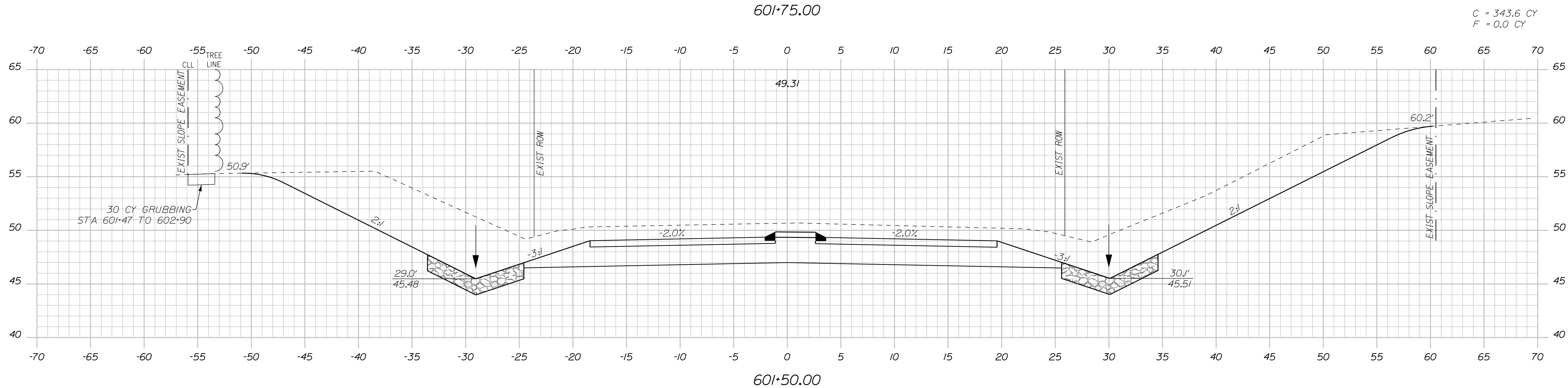
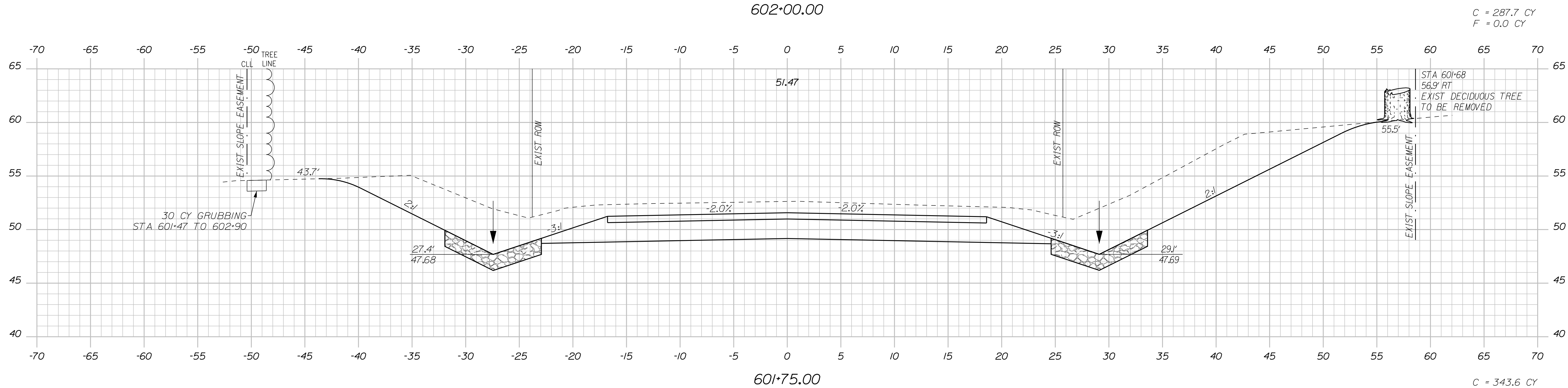
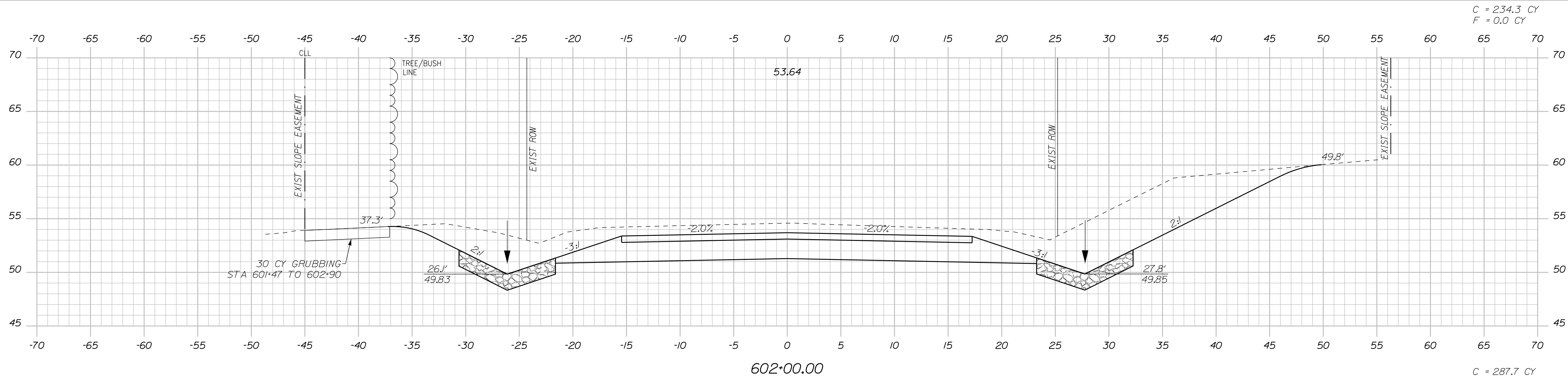
SIGNATURE
P.E. NUMBER
DATE

DATE
12/24
12/24
-
-
-
-
-

DAMARISCOTTA
US1 AT BELVEDERE RD

CROSS SECTIONS

SHEET NUMBER
68
OF 77



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

**WIN
26019.00**

PROJ. MANAGER	PROJ.MANAGERS	BY	DATE
DESIGN-DETAILED	W. STRONG	W. STRONG	12/24
CHECKED-REVIEWED	S. MURPHY	S. MURPHY	12/24
DESIGN2-DETAILED02	-	-	-
DESIGN3-DETAILED03	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

DAMARISCOTTA
US1 AT BELVEDERE RD

CROSS SECTIONS

SHEET NUMBER

69

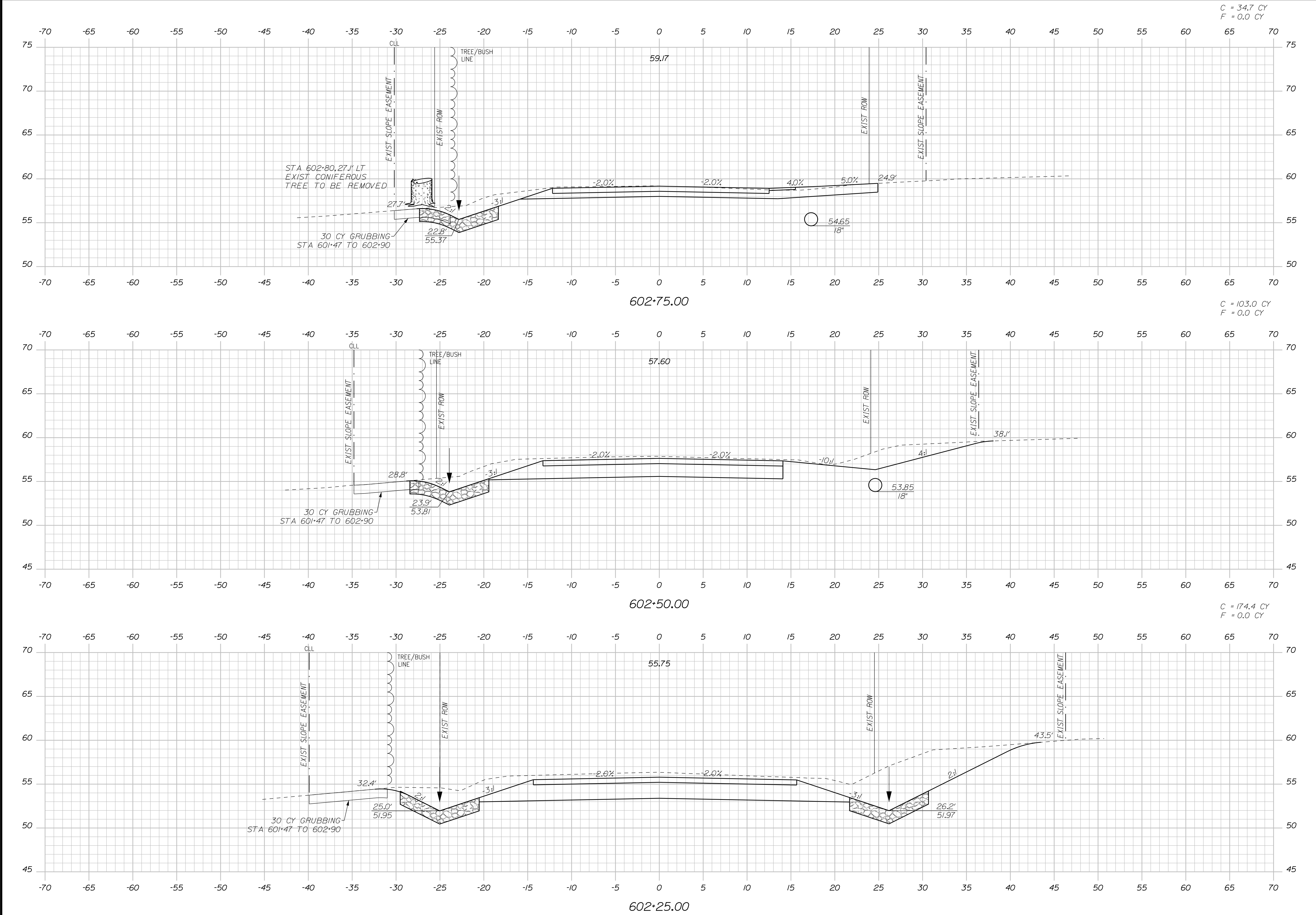
OF 77

Date:1/27/2025

Username: MurphySP

Division:

Filename: ... \052_cross_sections.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00

HIGHWAY PLANS

PROJ. MANAGER
DESIGN-DETAILED
CHECKED-REVIEWED
DESIGN-DETAILED
DESIGN-DETAILED
REVISIONS 1
REVISIONS 2
REVISIONS 3
REVISIONS 4
FIELD CHANGES

BY
W. STRONG
S. MURPHY
-
-
-
-
-

DATE
12/24
12/24
-
-
-
-
-

SIGNATURE

P.E. NUMBER

DATE

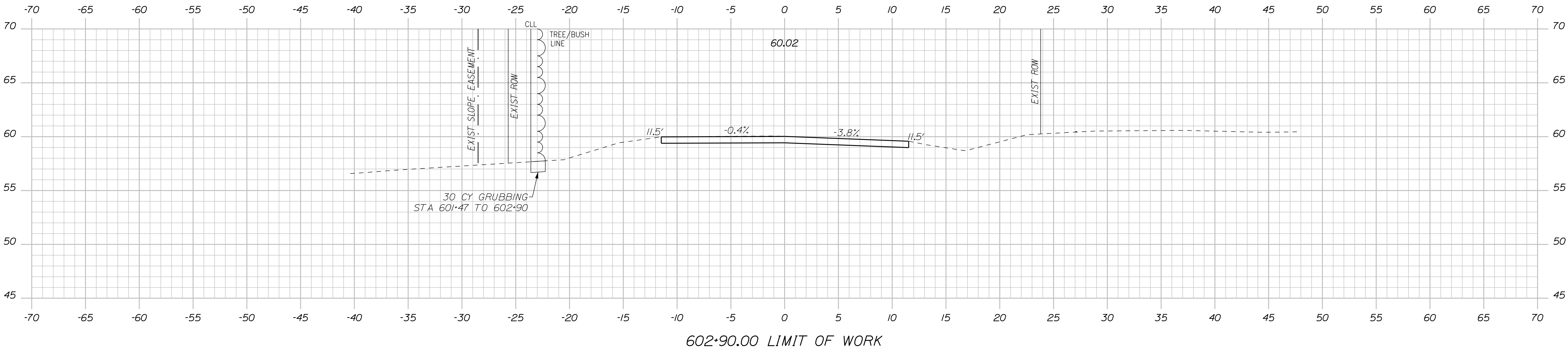
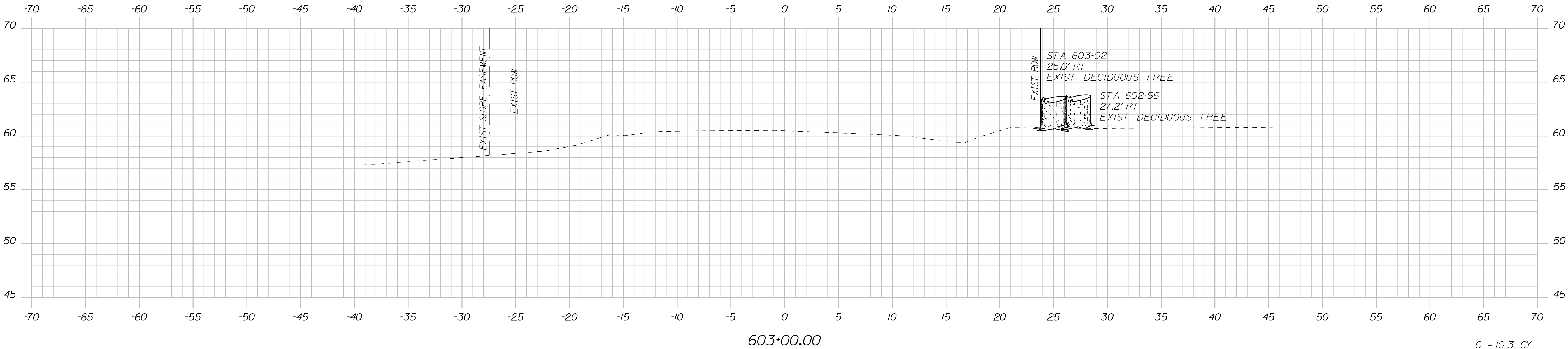
DAMARISCOTTA
US1 AT BELVEDERE RD

CROSS SECTIONS

SHEET NUMBER

70

OF 77

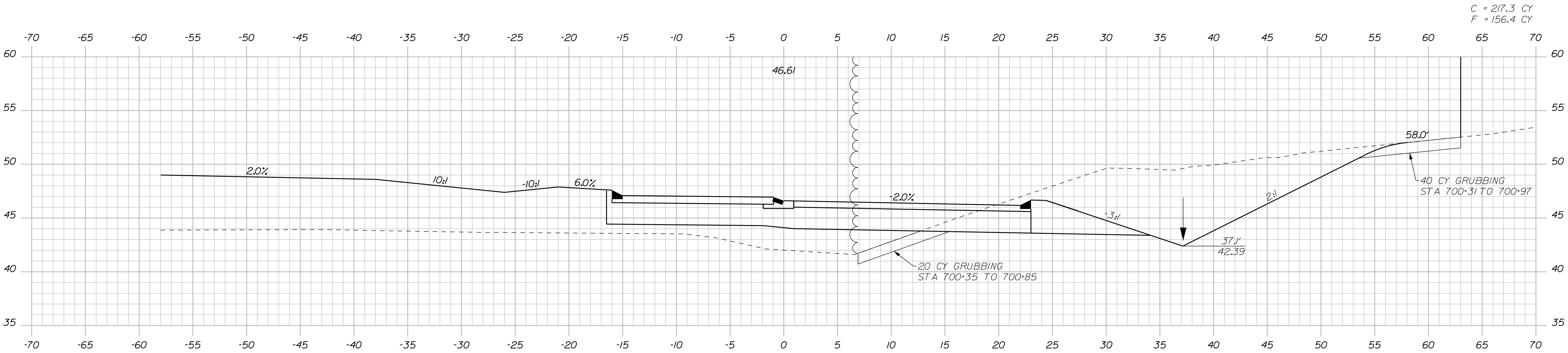


Date:1/27/2025

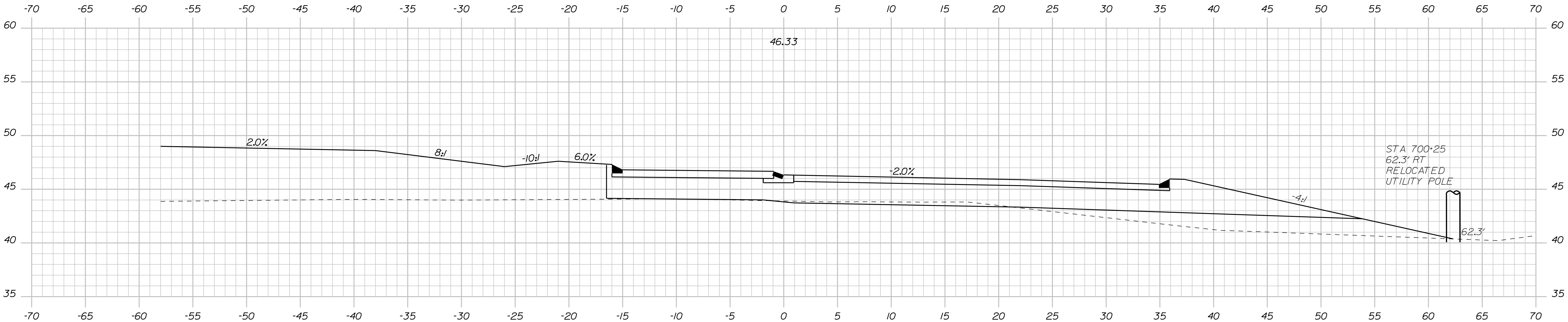
Username: MurphySP

Division:

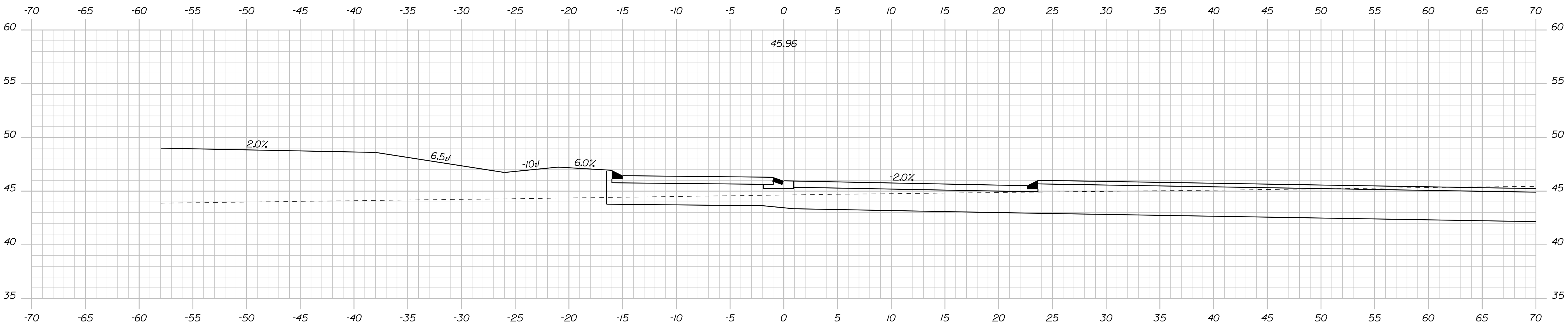
Filename: ... \052_cross_sections.dgn



700+50.00



700+25.00



700+00.00

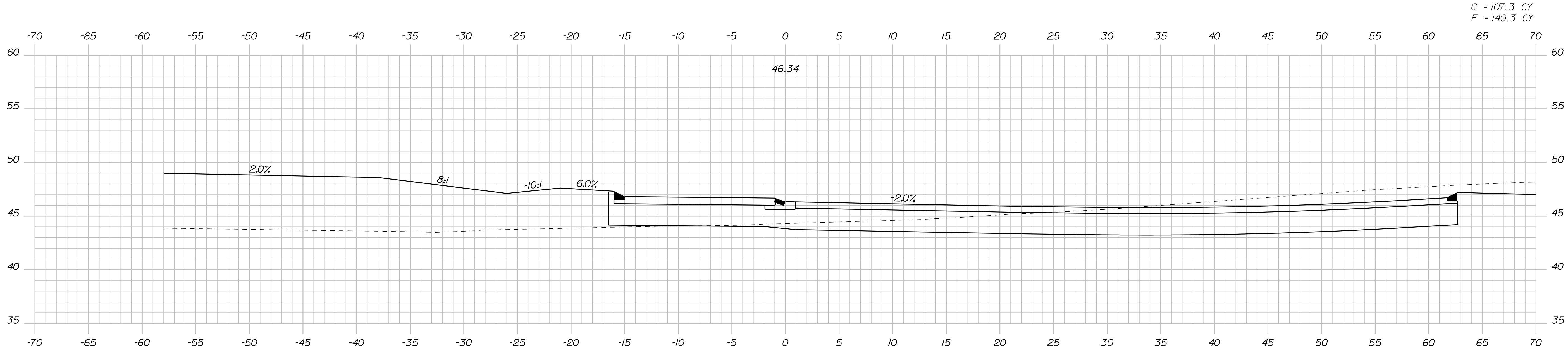
PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED	W. STRONG	12/24	
CHECKED-REVIEWED	S. MURPHY	12/24	
DESIGN-DETAILED			
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

Date: 1/27/2025

Username: MurphySP

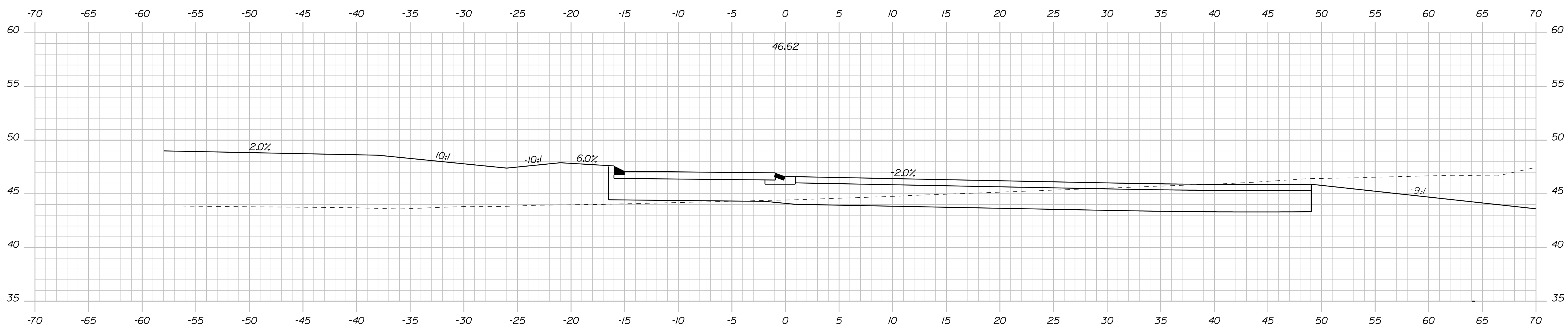
Division:

Filename: ... \052_cross_sections.dgn

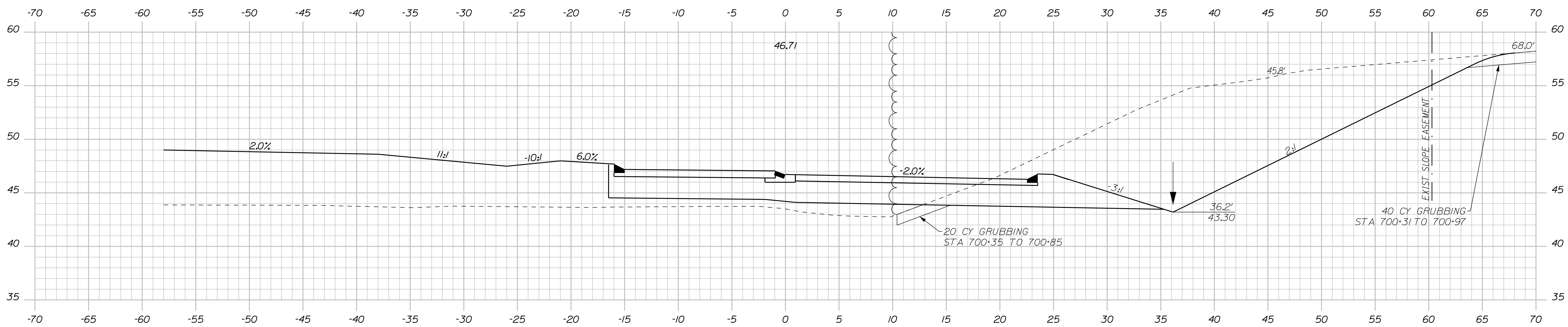


701+25.00

$C = 111.5 \text{ CY}$
 $F = 128.49 \text{ CY}$



701+00.00

$$\begin{aligned} C &= 180.2 \text{ CY} \\ F &= 141.0 \text{ CY} \end{aligned}$$
 $700 + 75.00$

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN	HIGHWAY PLANS
26019.00	

PROJ. MANAGER	\$PROJ.MANAGERS	BY	DATE
DESIGN-DETAILED	W. STRONG	W. STRONG	12/24
CHECKED-REVIEWED	S. MURPHY	S. MURPHY	12/24
DESIGN-DETAILED 02	-	-	-
DESIGNS DETAIL 03	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

DAMARISCOTTA
US1 AT BELVEDERE RD
CROSS SECTIONS

SHEET NUMBER

73

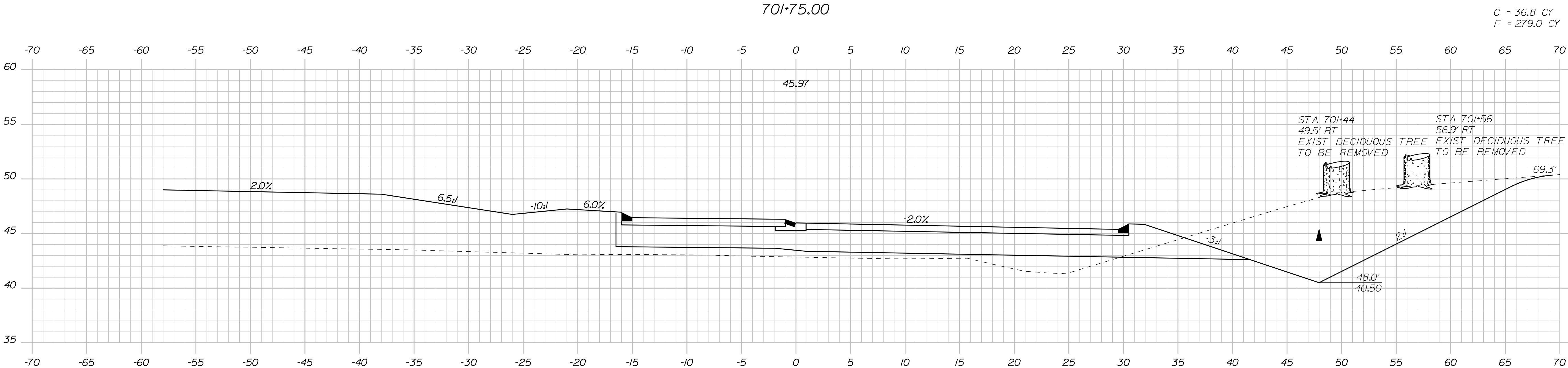
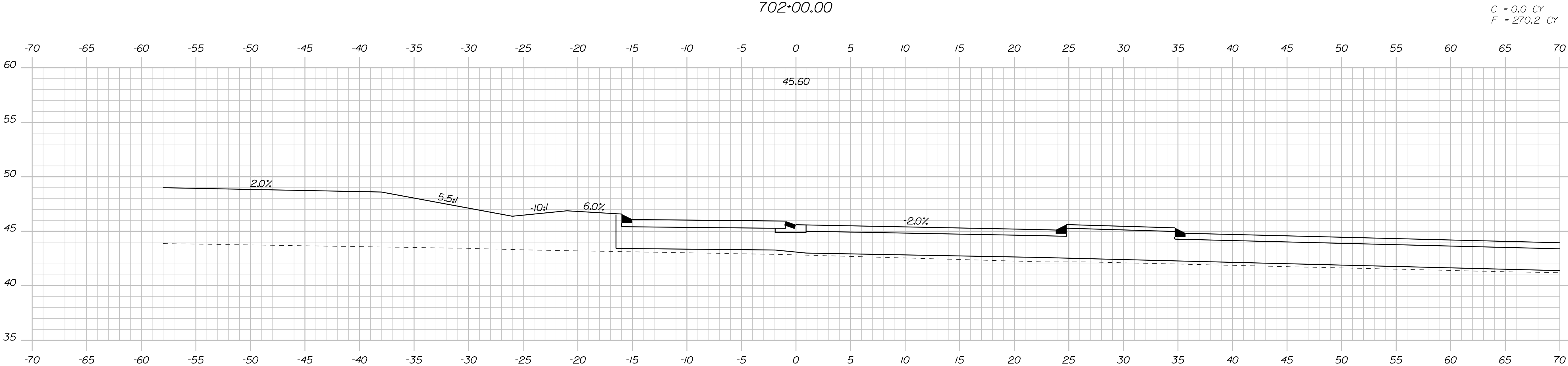
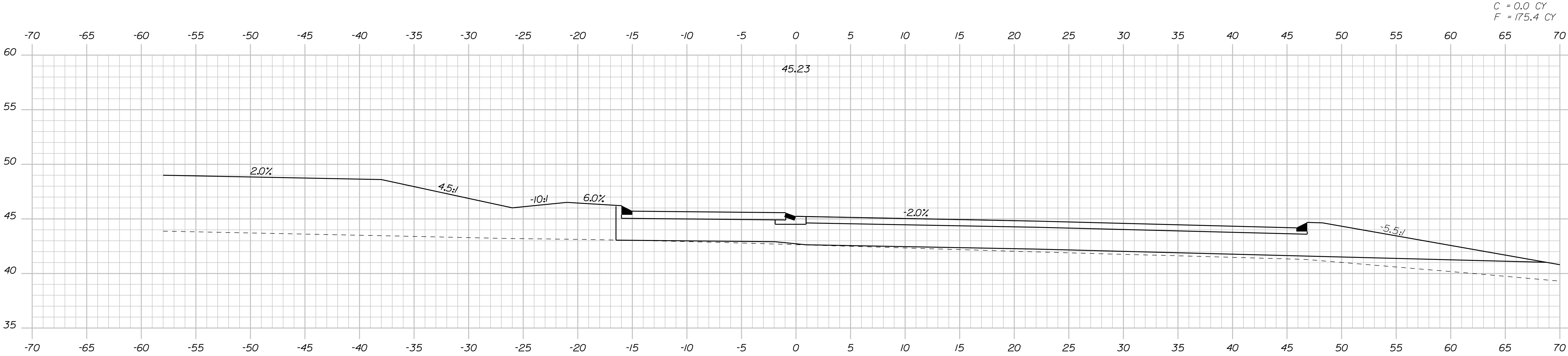
OF 77

Date:1/27/2025

Username: MurphySP

Division:

Filename: ... \052_cross_sections.dgn



C = 0.0 CY
F = 175.4 CY

C = 0.0 CY
F = 270.2 CY

C = 36.8 CY
F = 279.0 CY

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
WIN 26019.00	
HIGHWAY PLANS	

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	W. STRONG	12/24
CHECKED-REVIEWED	S. MURPHY	12/24
DESIGN-DETAILED		
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

DAMARISCOTTA RD	
US1 AT BELVEDERE RD	
CROSS SECTIONS	

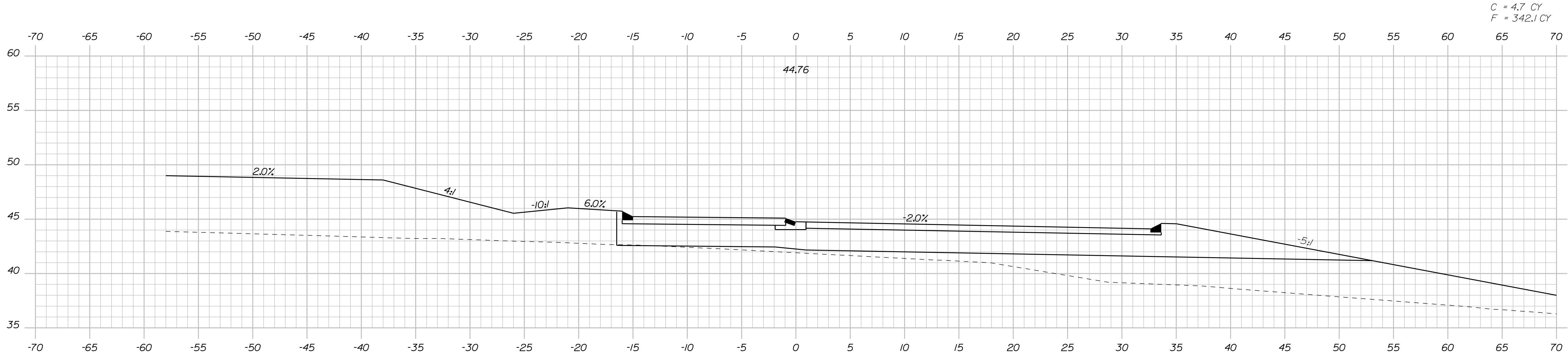
SHEET NUMBER	
74	
OF 77	

Date: 1/27/2025

Username: MurphySP

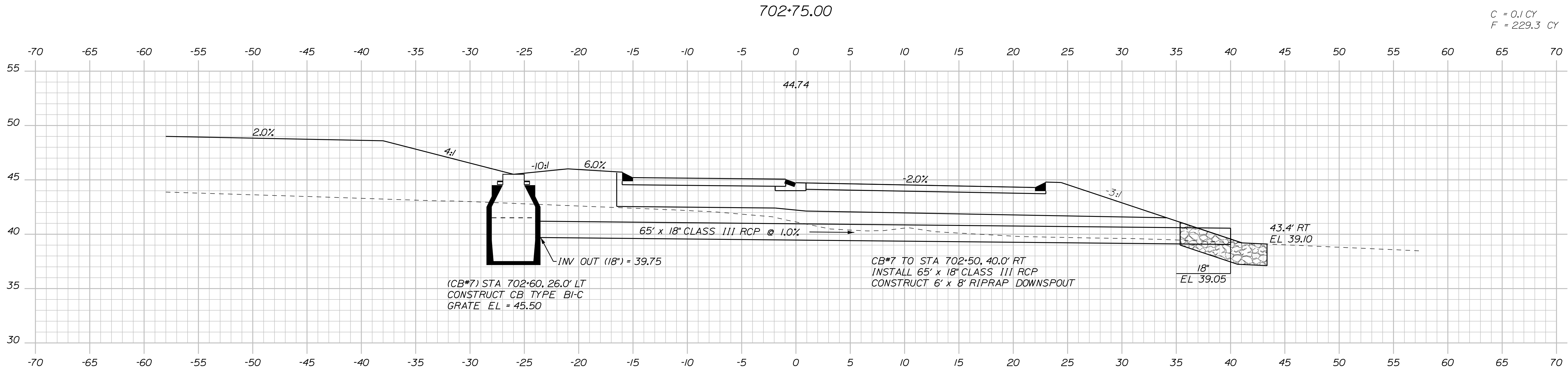
Division:

Filename: ... \052_cross_sections.dgn

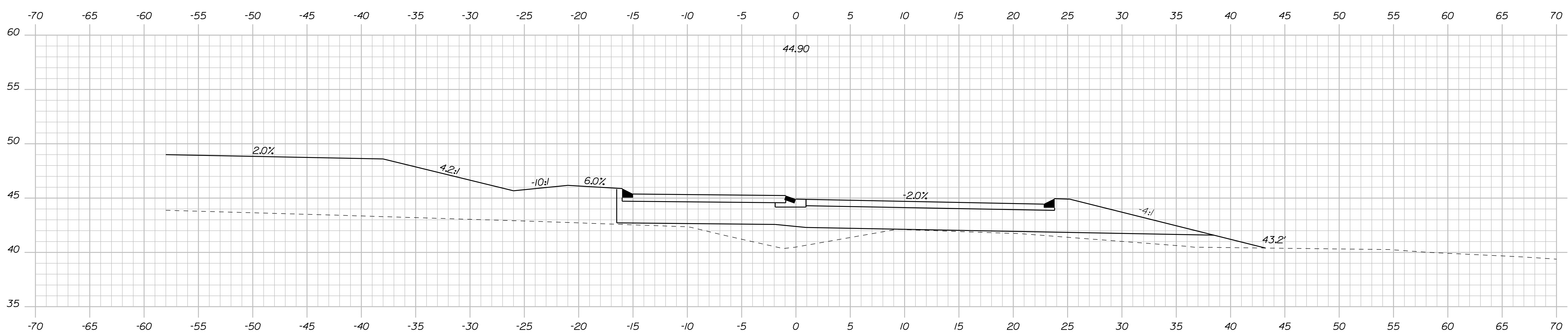


702+75.00

$C = 4.7 \text{ CY}$
 $F = 342.1 \text{ CY}$



702+50.00

$$\begin{aligned} C &= 0.0 \text{ CY} \\ F &= 173.1 \text{ CY} \end{aligned}$$


702+25.00

STATE OF ARIZONA

DEPARTMENT OF TRANSPORTATION

WIN
26019.00
HIGHWAY PLANS

DESIGN-DET ALEED	W. STRONG	12/24	SIGNATURE
CHECKED-REVIEWED	S. MURPHY	12/24	
DESIGN-DET ALEED2	-	-	
DESIGNS-DET ALEED3	-	-	
REVISIONS 1	-	-	P.E. NUMBER
REVISIONS 2	-	-	
REVISIONS 3	-	-	
REVISIONS 4	-	-	
FIELD CHANGES	-	-	DATE

DAMARISCOLLA
US1 AT BELVEDERE RD

CROSS SECTIONS

SHEET NUMBER

75

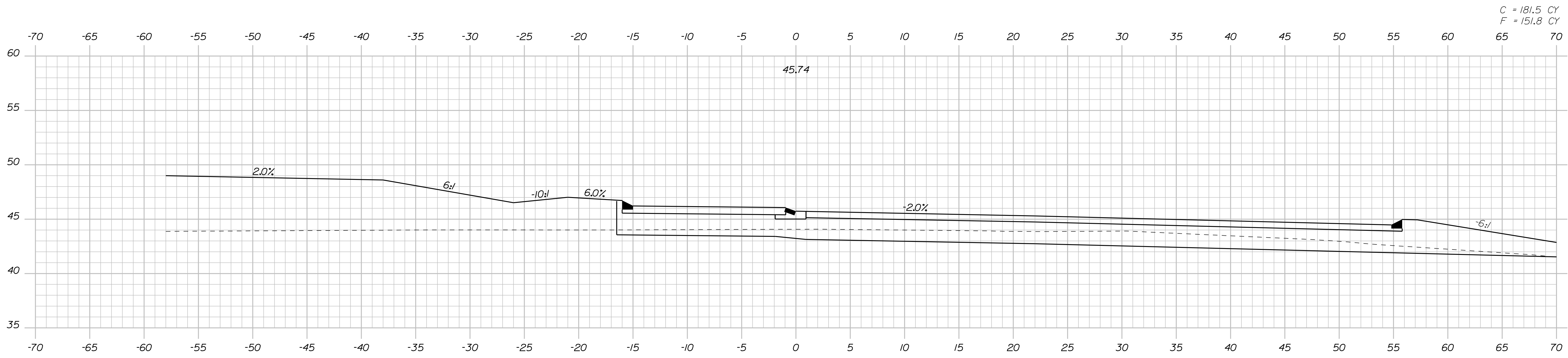
F 77

Date: 1/27/2025

Username: MurphySP

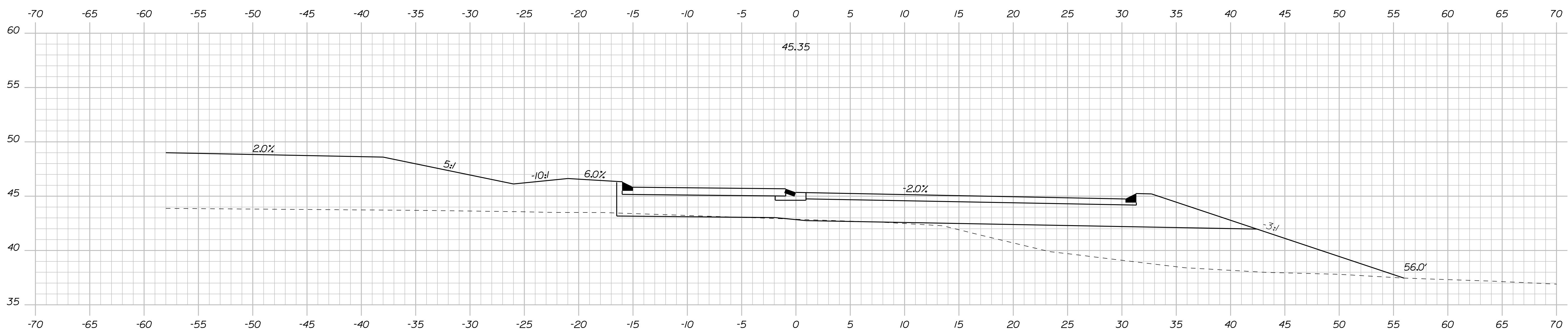
Division:

Filename: ... \052_cross_sections.dgn

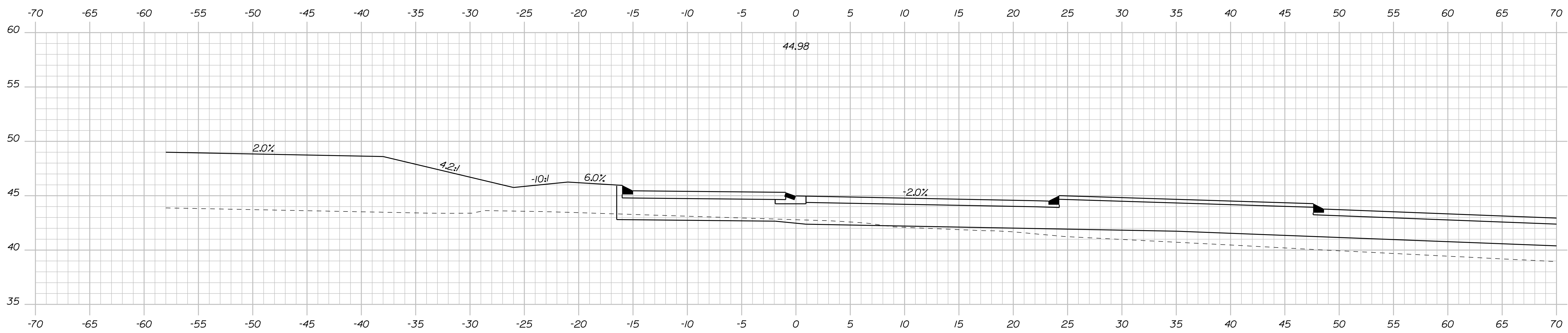


703+50.00

$C = 117.2 \text{ CY}$
 $F = 205.3 \text{ CY}$

 $703+25.00$

$C = 121.0 \text{ CY}$
 $F = 306.1 \text{ CY}$



703+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
26019.00

PROJ. MANAGER	*PROJ. MANAGER*	BY	DATE
W. STRONG	W. STRONG	W. STRONG	12/24
DESIGNED & REVIEWED	S. MURPHY	S. MURPHY	12/24
DESIGNED & RE-FILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

DAMARISCOTTA
US1 AT BELVEDERE RD

CROSS SECTIONS

SHEET NUMBER

76

OF 77

