STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLAN LEGEND

Town, County, State		Catch Basins	Existing ■ Proposed
Property Lines		Manholes	Existing ● Proposed
R/W Lines-Existing		Proposed Underdrain	
R/W Lines-Proposed		Proposed Ditch	
Culvert-Existing		Existing Ditch	
Culvert Proposed		Utility Poles	Existing ◆ Proposed
Curbing	Existing / Proposed	Fire Hydrants	Existing ◈ Proposed
Type 1		Existing Water Line	
Type 3		Existing San. Sewer	
Type 5		Existing San. Sewer Manhole	
Outline of Bodies of Water		Guardrail-Existing	
Exposed Bedrock		Guardrail-Proposed	
Buildings		Guardrail-Cable, Other	
Trees	Conifer, Deciduous	Centerline-Existing	
Tree Line		Centerline-Proposed	10+50
Clearing Limit Line		Travelway-Existing	
Railroad		Travelway-Proposed	

Boring — HB-XXX-###

Pavement Core — PC-#

Test Pit — TP-XXX-###

Probe — P-#.#X

#.# = Depth

X = W (Weathered Rock)
R (Refusal)
NR (No Refusal)

AUBURN

ANDROSCOGGIN COUNTY

ROUTE 4

FEDERAL PROJECT NO. 2176600

PROJECT LENGTH : 0.48 MILES

INDEX OF SHEETS

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Signing and Striping Plan	13-17
Grading Plan	18-21
Geometric Plan	22-27
Plan / Profile	28-36
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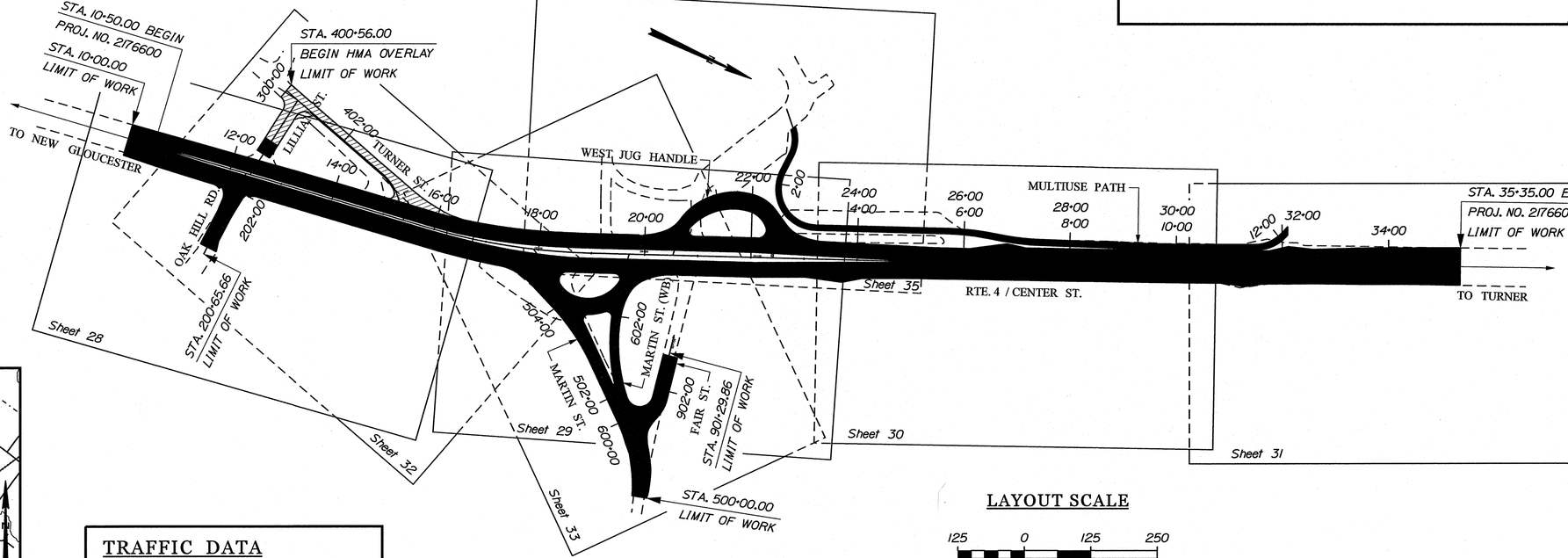
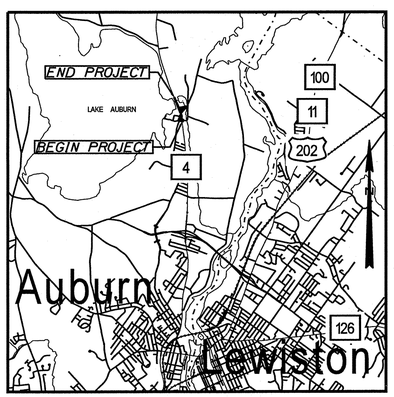




LOCATION MAP

TRAFFIC DATA

Current (2021) AADT	19660
Future (2041) AADT	23590
DHV - % of AADT	10%
Design Hour Volume	2359
% Heavy Trucks (AADT)	12%
% Heavy Trucks (DHV)	8%
Directional Distribution (DHV)	65%
18-kip Equivalent P2.0	1661
18-kip Equivalent P2.5	1582
Design Speed (mph)	40 mph
Corridor Priority	1

LAYOUT SCALE

125 0 125 250

Scale in Feet

PROJECT LOCATION:	ROUTE 4 IN AUBURN BEGINNING 0.04 MILES SOUTH OF OAK HILL ROAD AND EXTENDING NORTHERLY 0.48 MILES TO INCLUDE INTERSECTIONS WITH OAK HILL ROAD, LILLIAN STREET, TURNER STREET, MARTIN STREET, FAIR STREET, AND THE PUBLIC BOAT LAUNCH.
PROGRAM AREA:	HIGHWAY PROGRAM
SCOPE OF WORK:	INTERSECTION IMPROVEMENTS W/O SIGNAL

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED — DATE

COMMISSIONER: — 12-13-21

CHIEF ENGINEER: — 12-10-2021

STATE OF MAINE · CLARK ESTABROOK SULLOWAY · No. 16107 · LICENSED PROFESSIONAL ENGINEER

SIGNATURE 16107

P.E. NUMBER 11/24/21

DATE

PROJECT INFORMATION

PROGRAM	HIGHWAY PROGRAM		
PROJECT MANAGER	RHOBE MOULTON		
DESIGNER	CLARK SULLOWAY		
CONSULTANT		PROJECT RESIDENT	
		CONTRACTOR	
		PROJECT COMPLETION DATE	

Federal Project No. 2176600

WIN 21766.00

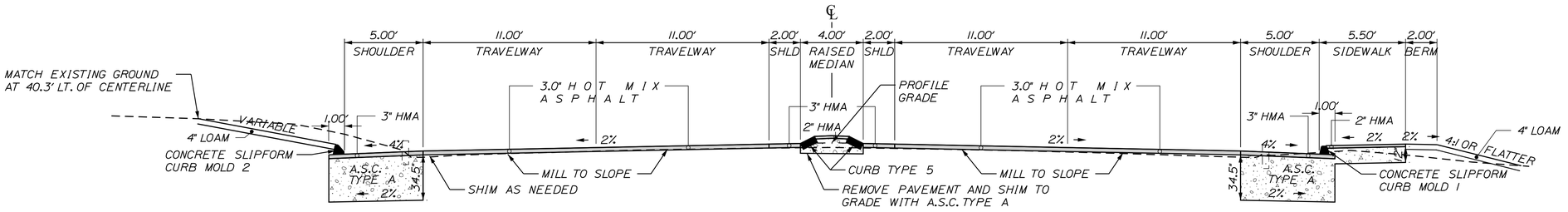
AUBURN
ROUTE 4

TITLE SHEET

SHEET NUMBER 1 OF 98

Filename: ...\00\HIGHWAY\MSTA\001_Title.dgn Username: Clark.E.Sulloway Division: HIGHWAY Date:11/24/2021

ROUTE 4

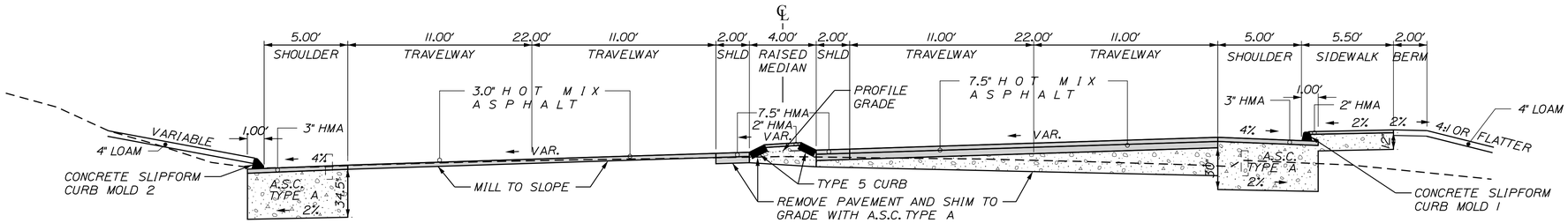


NORMAL
4' MEDIAN

5' SHOULDER
STATION TO STATION
13+20.28 TO 14+45.50 LT.

22' - 22' TRAVELWAY WITH MEDIAN
STATION TO STATION
11+60.00 TO 14+45.50

5' SHOULDER WITH SIDEWALK
STATION TO STATION
11+60.00 TO 14+45.50 RT.



SUPERELEVATED
4' MEDIAN

5' SHOULDER
STATION TO STATION
14+45.50 TO 16+40.00 LT.

22' - 22' TRAVELWAY WITH MEDIAN
STATION TO STATION
14+45.50 TO 16+40.00

5' SHOULDER WITH SIDEWALK
STATION TO STATION
14+45.50 TO 16+15.72 RT.

SUPERELEVATIONS

LT SHOULDER	LT OTW	LT ITW	STATION	RT ITW	RT OTW	RT SHOULDER
-4.00%	-2.00%	-2.00%	10+00.00	-2.00%	-2.00%	-4.00%
-	-	-	-	-	-	-
-4.00%	-2.00%	-2.00%	14+45.50	-2.00%	-2.00%	-4.00%
-4.00%	-2.00%	-2.00%	14+50.00	-1.90%	-1.90%	-4.00%
-4.00%	-2.00%	-2.00%	14+75.00	-1.00%	-1.00%	-4.00%
-4.00%	-2.00%	-2.00%	15+00.00	-0.20%	-0.20%	-4.00%
-4.00%	-2.00%	-2.00%	15+25.00	0.60%	0.60%	-4.00%
-4.00%	-2.00%	-2.00%	15+50.00	1.40%	1.40%	-4.00%
-4.00%	-2.00%	-2.00%	15+69.50	2.00%	2.00%	-4.00%
-4.00%	-2.20%	-2.20%	15+75.00	2.20%	2.20%	-4.00%
-4.00%	-3.00%	-3.00%	16+00.00	3.00%	3.00%	-4.00%
-4.00%	-3.20%	-3.20%	16+06.50	3.20%	3.20%	-4.00%
-	-	-		-	-	-
-4.00%	-3.20%	-3.20%	18+68.50	3.20%	3.20%	-4.00%
-4.00%	-3.00%	-3.00%	18+75.00	3.00%	3.00%	-4.00%
-4.00%	-2.50%	-2.50%	19+00.00	2.50%	2.50%	-4.00%
-4.00%	-2.00%	-2.00%	19+18.50	2.00%	2.00%	-4.00%
-4.00%	-2.00%	-2.00%	19+25.00	1.50%	1.50%	-4.00%

LT SHOULDER	LT OTW	LT ITW	STATION	RT ITW	RT OTW	RT SHOULDER
-4.00%	-2.00%	-2.00%	19+50.00	1.20%	1.20%	-4.00%
-4.00%	-2.00%	-2.00%	19+75.00	0.60%	0.60%	-4.00%
-4.00%	-2.00%	-2.00%	20+00.00	0.00%	0.00%	-4.00%
-4.00%	-2.00%	-2.00%	20+25.00	-0.60%	-0.60%	-4.00%
-4.00%	-2.00%	-2.00%	20+50.00	-1.20%	-1.20%	-4.00%
-4.00%	-2.00%	-2.00%	20+75.00	-1.80%	-1.80%	-4.00%
-4.00%	-2.00%	-2.00%	20+82.50	-2.00%	-2.00%	-4.00%
-	-	-		-	-	-
-4.00%	-2.00%	-2.00%	25+20.00	-2.00%	-2.00%	-4.00%
-4.00%	-2.00%	-2.00%	25+70.00	-2.50%	-2.50%	-4.00%
-	-	-		-	-	-
-4.00%	-2.00%	-2.00%	31+70.00	-2.50%	-2.50%	-4.00%
-4.00%	-2.00%	-2.00%	32+20.00	-2.00%	-2.00%	-4.00%
-	-	-	-	-	-	-
-4.00%	-2.00%	-2.00%	34+50.00	-2.00%	-2.00%	-4.00%
-	-	-	-	-	-	-
MATCH EXISTING SLOPES			35+35.00	MATCH EXISTING SLOPES		

NOTE:

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

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

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

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

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

6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

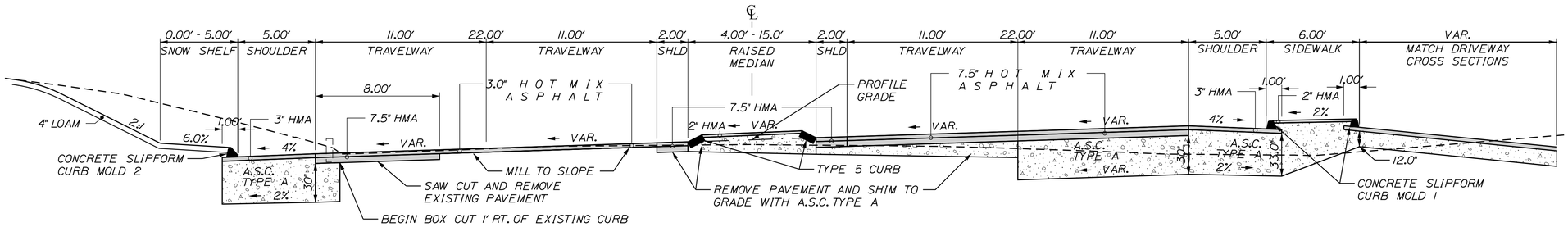
AUBURN
ROUTE 4

TYPICAL SECTIONS

SHEET NUMBER
2
OF 98

Filename: ...\HIGHWAY\MSTA\002_Typical_1.dgn Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021

ROUTE 4 CONTINUED

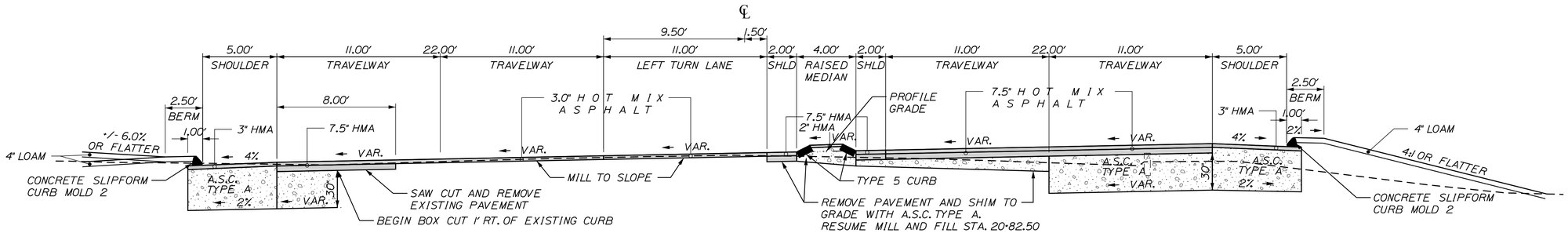


SUPERELEVATED
4' - 15' MEDIAN WITH TRAVELWAY
BASE HMA

5' SHOULDER
STATION TO STATION
16+40.00 TO 19+00.00 LT.

22' - 22' TRAVELWAY WITH MEDIAN
STATION TO STATION
16+40.00 TO 18+08.92

SIDEWALK SHOULDER WITH BACK CURB
STATION TO STATION
16+15.72 TO 17+31.39 RT.



SUPERELEVATED
SOUTHBOUND LEFT TURN LANE

5' SHOULDER
STATION TO STATION
19+00.00 TO 20+82.50 LT.

22' - 22' TRAVELWAY WITH MEDIAN
STATION TO STATION
18+60.00 TO 19+50.00

5' SHOULDER
STATION TO STATION
18+60.00 TO 19+50.00 RT.

NOTE:

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

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

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

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

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

6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

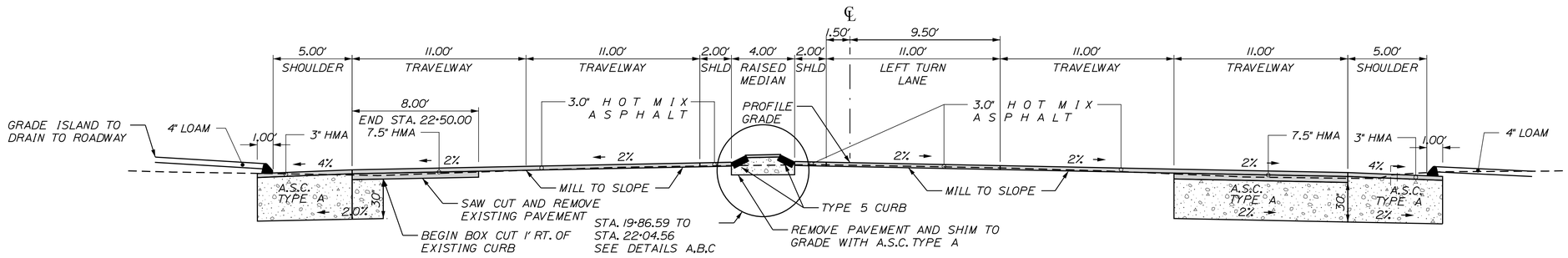
AUBURN
ROUTE 4

TYPICAL SECTIONS

SHEET NUMBER
3
OF 98

Filename: ...\HIGHWAY\MSTA\003_Typical_2.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

ROUTE 4 CONTINUED



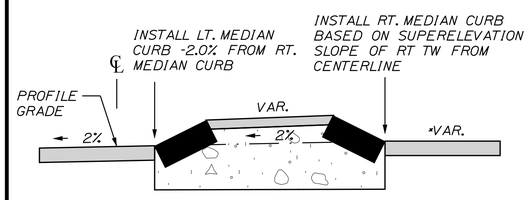
NORMAL
NORTHBOUND LEFT TURN LANE

5' SHOULDER
STATION TO STATION
20+82.50 TO 22+04.56 LT.

22' - 22' TRAVELWAY WITH MEDIAN
STATION TO STATION
20+82.50 TO 22+04.56

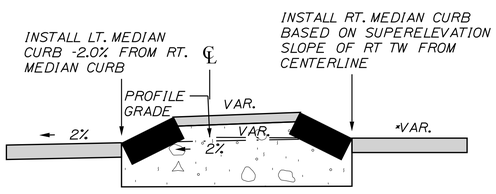
5' SHOULDER
STATION TO STATION
20+82.50 TO 23+01.88 RT.

DETAIL A



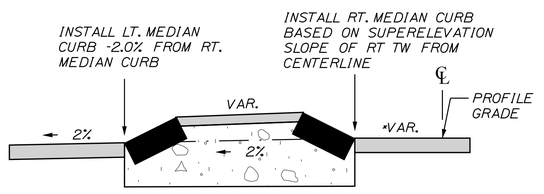
MEDIAN DETAIL, CENTERLINE LT OF MEDIAN
STATION TO STATION
19+18.50 TO 19+86.59

DETAIL B



MEDIAN DETAIL, CENTERLINE INSIDE MEDIAN
STATION TO STATION
19+86.59 TO 20+28.41

DETAIL C



MEDIAN DETAIL, CENTERLINE RT OF MEDIAN
STATION TO STATION
20+28.41 TO 22+04.56 LT.

NOTE:

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

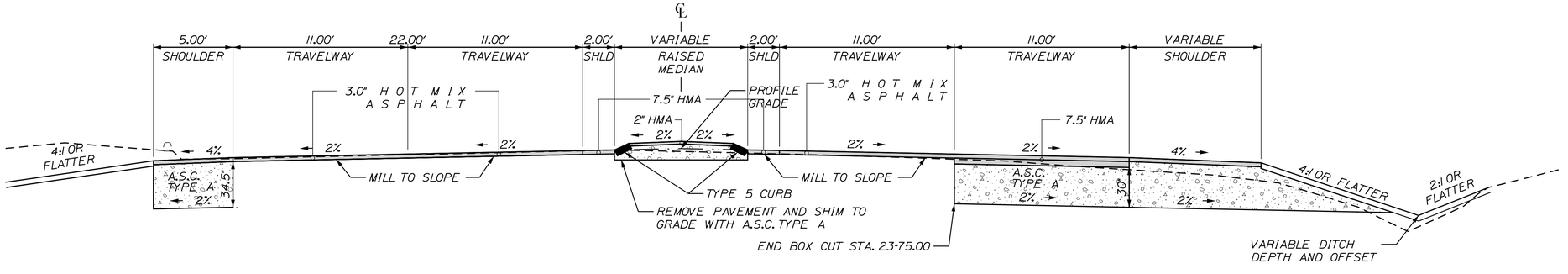
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.

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

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

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

6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.



NORMAL
TAPERED MEDIAN

5' SHOULDER
STATION TO STATION
23+36.37 TO 26+44.52 LT.

22' - 22' TRAVELWAY WITH MEDIAN TAPER
STATION TO STATION
22+65.40 TO 24+03.00

5' SHOULDER
STATION TO STATION
23+01.88 TO 24+25.00 RT.

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

PROJ. MANAGER RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

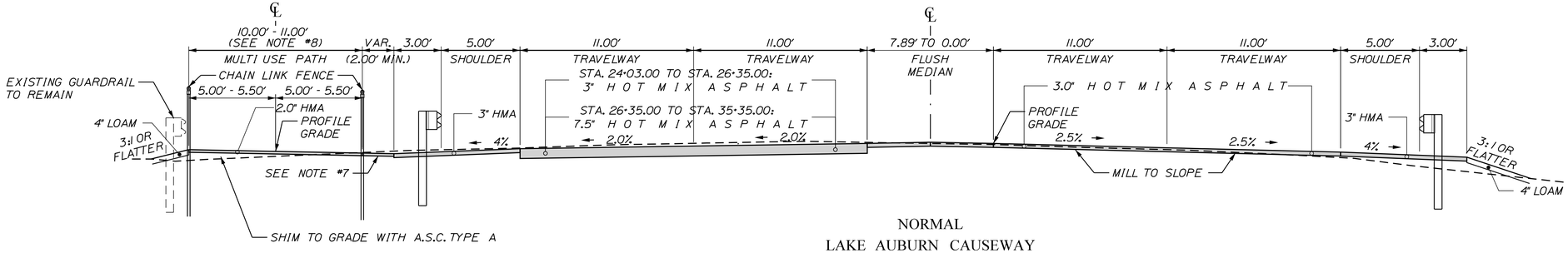
AUBURN
ROUTE 4

TYPICAL SECTIONS

SHEET NUMBER
4
OF 98

Filename: ...\HIGHWAY\MSTA\004_Typicol_3.dgn Username: Clark.E.Sullowoy Date:12/8/2021 Division: HIGHWAY

ROUTE 4 CONTINUED



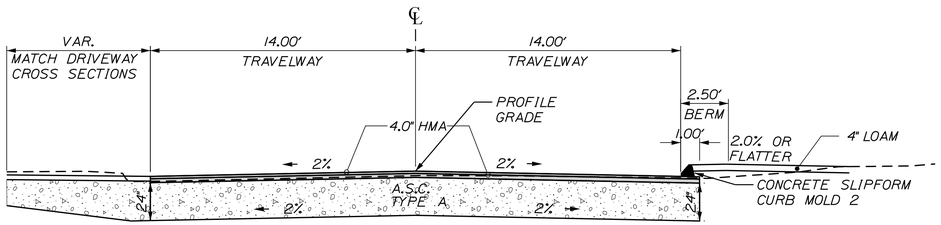
NORMAL
LAKE AUBURN CAUSEWAY

5' SHOULDER WITH ADJACENT MULTIUSE PATH
STATION TO STATION
7+50.00 TO 12+10.00 LT. (MULTIUSE PATH) = 27+50.00 +/- TO 31+60.00 +/- (ROUTE 4)

22' - 22' TRAVELWAY WITH GUARDRAIL AND MULTI USE PATH
STATION TO STATION
24+03.00 TO 35+35.00

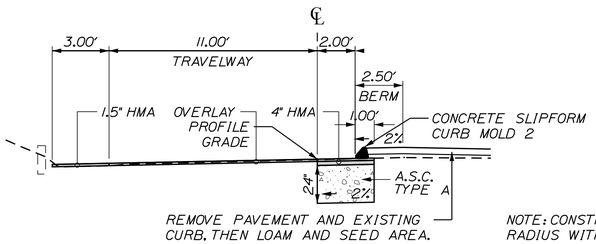
GUARDRAIL SHOULDER
STATION TO STATION
24+9.91 TO 30+90.51 RT.

SIDE ROADS



OAK HILL ROAD

14' - 14' TRAVELWAY CONCRETE CURB RT
STATION TO STATION
201+00.00 TO 201+50.00

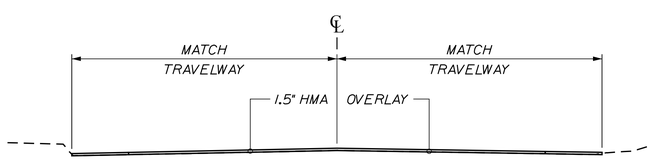


REMOVE PAVEMENT AND EXISTING CURB. THEN LOAM AND SEED AREA.

NOTE: CONSTRUCT WIDENED AREA AT CURB RADIUS WITH 24" A.S.C. TYPE A AND 4" HMA

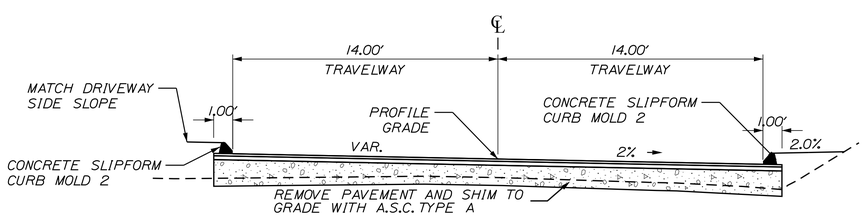
TURNER STREET

11' TRAVELWAY SHOULDER WITH CONCRETE CURB RT
STATION TO STATION
401+21.56 TO 402+94.64



LILLIAN STREET OVERLAY

HMA OVERLAY
STATION TO STATION
300+00.00 TO 300+92.00



LILLIAN STREET RECONSTRUCTION

11' - 11' TRAVELWAY WITH SHOULDER
STATION TO STATION
300+92.00 TO 301+19.50

NOTE:

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

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

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

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

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

6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

7. WHERE WIDTH BETWEEN GUARDRAIL PAVEMENT AND MULTIUSE PATH IS 4' OR LESS, PAVE AREA WITH 2" HMA. ELSEWHERE USE 4" LOAM AND SEED.

8. MULTIUSE PATH WIDTH IS 11' WHERE CHAIN LINK FENCE IS CALLED FOR, AND 10' ELSEWHERE.

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

TYPICAL SECTIONS

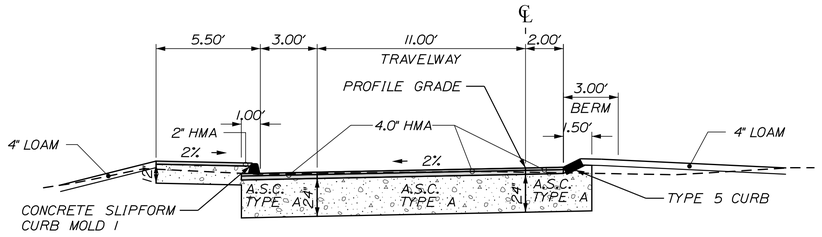
SHEET NUMBER

5

OF 98

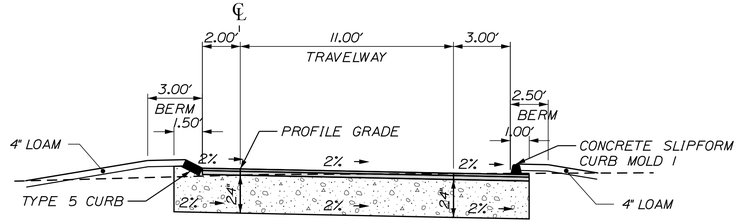
Filename: ...\HIGHWAY\MSTA\005_Typical_4.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

SIDE ROADS



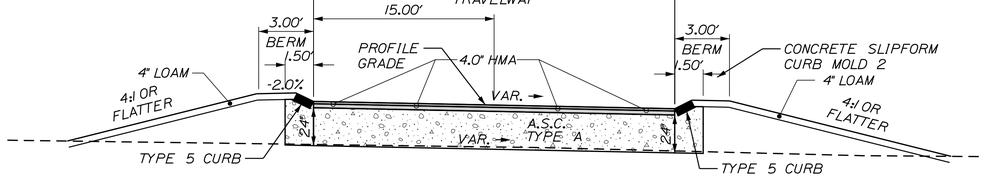
MARTIN STREET

11' TRAVELWAY WITH SIDEWALK SHOULDER LT AND TYPE 5 CURBED SHOULDER RT
STATION TO STATION
502+22.23 TO 503+75.11



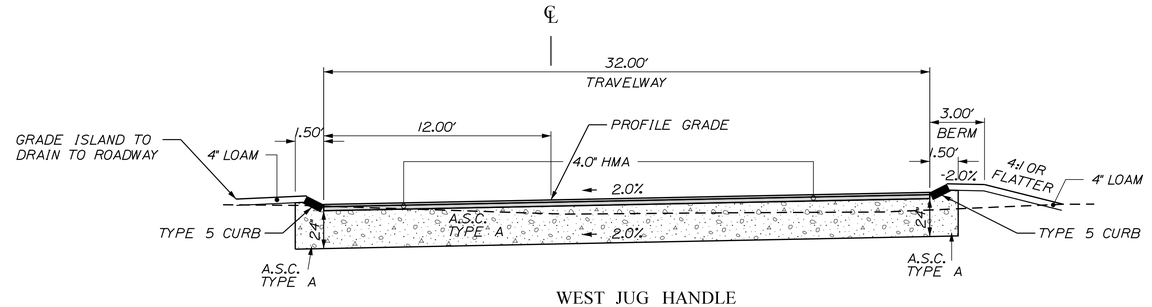
MARTIN STREET WESTBOUND

11' TRAVELWAY WITH TYPE 5 CURBED SHOULDER LT, SLIPFORM CONCRETE CURB RT.
STATION TO STATION
600+73.72 TO 601+95.90



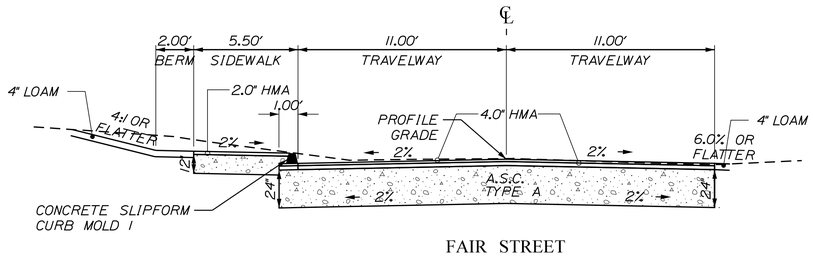
EAST JUG HANDLE

VARIABLE WIDTH TRAVELWAY WITH TYPE 5 CURBED SHOULDERS
STATION TO STATION
700+31.63 TO 700+58.08



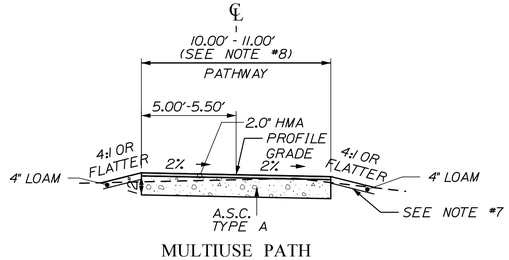
WEST JUG HANDLE

32' TRAVELWAY WITH TYPE 5 CURBED SHOULDERS
STATION TO STATION
800+79.13 TO 802+19.36



FAIR STREET

11' - 11' TRAVELWAY SIDEWALK LT
STATION TO STATION
902+15.41 TO 901+50.00



MULTIUSE PATH
FULL DEPTH

MULTIUSE PATH
STATION TO STATION
0+87.00 TO 7+50.00
11+60.00 TO 12+10.00

NOTE:

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

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

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

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

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

6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

7. WHERE WIDTH BETWEEN GUARDRAIL PAVEMENT AND MULTIUSE PATH IS 4' OR LESS, PAVE AREA WITH 2" HMA. ELSEWHERE USE 4" LOAM AND SEED.

8. MULTIUSE PATH WIDTH IS 11' WHERE CHAIN LINK FENCE IS CALLED FOR, AND 10' ELSEWHERE.

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

PROJ. MANAGER RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	------	------
CHECKED-REVIEWED	C. SULLOWAY	------
DESIGN2-DETAILED2	------	------
DESIGN3-DETAILED3	------	------
REVISIONS 1	------	------
REVISIONS 2	------	------
REVISIONS 3	------	------
REVISIONS 4	------	------
FIELD CHANGES	------	------

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

TYPICAL SECTIONS

SHEET NUMBER
6
OF 98

Filename: ...\HIGHWAY\MSTA\006_Typical_5.dgn Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE TOP ONLY	10	EA
201.24	REMOVING STUMP	10	EA
202.15	REMOVING MANHOLE OR CATCH BASIN	13	EA
202.202	REMOVING PAVEMENT SURFACE	10,000	SY
202.203	PAVEMENT BUTT JOINTS	110	SY
203.20	COMMON EXCAVATION	8,220	CY
203.21	ROCK EXCAVATION	75	CY
304.14	AGGREGATE BASE COURSE – TYPE A	7,350	CY
403.2081	12.5 MM POLYMER MODIFIED HMA	2,000	T
403.209	HOT MIX ASPHALT 9.5 MM (INCIDENTALS)	725	T
403.211	HOT MIX ASPHALT (SHIM)	90	T
403.2131	12.5 MM POLYMER MODIFIED HMA BASE	3,200	T
409.15	BITUMINOUS TACK COAT–APPLIED	1,550	GAL
526.331	PERMANENT CONCRETE BARRIER TYPE IIIB (24 LF)	1	LS
603.159	12 INCH CULVERT PIPE OPTION III	81	LF
603.175	18 INCH RCP CLASS III	286	LF
603.179	18 INCH CULVERT PIPE OPTION III	280	LF
603.199	24 INCH CULVERT PIPE OPTION III	24	LF
604.092	CATCH BASIN TYPE B1–C	16.25	EA
604.096	60" CATCH BASIN TYPE B1–C	1	EA
604.16	ALTER CATCH BASIN TO MANHOLE	1	EA
604.161	ALTER CATCH BASIN	2	EA
604.167	CHANGE CATCH BASIN GRATE TO CASCADE	1	EA
604.18	ADJUST MANHOLE OR CB TO GRADE	2	EA
604.247	CATCH BASIN TYPE F5–C	2	EA
605.09	6 INCH UNDERDRAIN TYPE B	2,245	LF
605.11	12 INCH UNDERDRAIN TYPE C	262	LF
605.13	18 INCH UNDERDRAIN TYPE C	982	LF
606.1301	31 INCH W BEAM GUARDRAIL – MID–WAY SPLICE	1,081.25	LF
606.1303	31 INCH W BEAM GUARDRAIL – MID–WAY SPLICE 15' RADIUS AND LESS	25	LF
606.1305	31 INCH W BEAM GUARDRAIL – MID–WAY SPLICE – FLARED TERMINAL	4	EA
606.1722	BRIDGE TRANSITION – TYPE 2	3	EA
606.1307	BRIDGE TRANSITION (ASYMMETRICAL) – TYPE 1A	2	EA
606.265	TERM END–SGL RAIL–GALV STEEL	2	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	10	EA
606.47	SINGLE WOOD POST	4	EA
607.16	CHAIN LINK FENCE – 4 FOOT	700	LF
607.34	BRACING ASSEMBLY CHAIN LINK FENCE	8	EA
608.26	CURB RAMP DETECTABLE WARNING FIELD	60	SF
609.21	CONCRETE SLIPFORM CURB	3,010	LF
609.219	CONCRETE SLIPFORM CURB – TERMINAL END	282	LF
609.34	CURB TYPE 5	3,220	LF
609.35	CURB TYPE 5 – CIRCULAR	290	LF
610.08	PLAIN RIPRAP	90	CY
613.319	EROSION CONTROL BLANKET	180	SY
615.07	LOAM	830	CY
618.13	SEEDING METHOD NUMBER 1	70	UN
620.58	EROSION CONTROL GEOTEXTILE	1,530	SY
627.733	4" WHITE OR YELLOW PAVEMENT MARKING LINE	13,835	LF
627.75	WHITE OR YELLOW PAVEMENT AND CURB MARKING	685	SF
627.78	TEMPORARY 4 INCH PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	24,820	LF
629.05	HAND LABOR, STRAIGHT TIME	10	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	10	HR
631.14	GRADER (INCLUDING OPERATOR)	100	HR
631.172	TRUCK – LARGE (INLCUDING OPERATOR)	20	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	10	HR

ITEM NO.	DESCRIPTION	QUANTITY	UNIT
631.20	STUMP CHIPPER (INCLUDING OPERATOR)	10	HR
631.32	CULVERT CLEANER (INC OPERATOR)	10	HR
639.18	FIELD OFFICE TYPE A	1	EA
645.292	REG., WARN., CONF. AND RTE. MARKING ASSEMBLY SIGNS, TYPE II	359	SF
652.33	DRUM	50	EA
652.34	CONE	150	EA
652.35	CONSTRUCTION SIGNS	900	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	275	CD
652.38	FLAGGER	10,000	HR
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	2	EA
656.75	TEMPORARY SOIL EROSION AND POLLUTION CONTROL	1	LS
658.20	ACRYLIC LATEX FINISH GREEN	695	SY
659.10	MOBILIZATION	1	LS

EARTHWORK SUMMARY

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION (FROM MODEL OR PLANS)	8005.5	
GRUBBING IN FILL	43.2	
PAVEMENT REMOVAL (OUTSIDE OF COMMON EX AREAS)	154.1	
TOTAL COMMON EXCAVATION		8202.8

FILL FOR BORROW CALCULATIONS

COMMON FILL (FROM MODEL OR PLANS)	672.0	
GRUBBING IN FILL	43.2	
TOTAL FILL		715.2

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION (FROM CROSS SECTIONS)	75	
ROCK EXCAVATION (BOULDERS)	0	
TOTAL ROCK EXCAVATION		75.0

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS

ALL DEDUCTIONS:		
GRUBBING IN CUT	829.1	
GRUBBING IN FILL	43.2	
PAVEMENT SALVAGE (CUT & FILL)	2121.6	
TOTAL DEDUCTIONS		2993.9
TOTAL AVAILABLE COMMON EXCAVATION (-) TOTAL DEDUCTIONS		5208.9
TOTAL AVAILABLE STRUCTURAL EXCAVATION (UNDERDRAIN ONLY)		946.8
RIPRAP EXCAVATION		150.2
TOTAL AVAILABLE NON-ROCK EXCAVATION		6305.9

COMPUTATION OF WASTE STORAGE & WASTE MATERIAL

TOTAL AVAILABLE WASTE STORAGE AREA (FROM CROSS SECTIONS)	0.0	
GRUBBING IN CUT	829.1	
GRUBBING IN FILL	43.2	
TOTAL WASTE MATERIAL	872.3	
TOTAL WASTE MATERIAL TO BE UTILIZED*		0
TOTAL WASTE MATERIAL TO BE WASTED		872.3

COMPUTATION FOR SURPLUS MATERIAL OR COMMON BORROW FOR ESTIMATE

TOTAL AVAILABLE NON-ROCK EXCAVATION	6305.934	x 0.90	=	5675.3
TOTAL AVAILABLE ROCK EXCAVATION	75	x 1.30	=	97.5
TOTAL AVAILABLE STRUCTURAL ROCK EXCAVATION		x 1.30	=	0.0
TOTAL WASTE MATERIAL TO BE UTILIZED	0	x 0.90	=	0.0
TOTAL AVAILABLE EXCAVATION				5772.8
BORROW NEEDED = TOTAL FILL (-) TOTAL AVAILABLE EXCAVATION				0.0
IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION (-) TOTAL FILL, (+)				
TOTAL WASTE MATERIAL TO BE WASTED				5929.9
SURPLUS MATERIAL				**5930 CY**

GRANULAR BORROW IN LOW WET AREAS	0
GRANULAR BORROW TO MAINTAIN TRAFFIC	0
BORROW NEEDED (-) REQUIRED GRANULAR BORROW WITHIN FILL	0

COMMON BORROW **0 CY**

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
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HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED		
CHECKED-REVIEWED C. SULLOWAY		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

ESTIMATED QUANTITIES

SHEET NUMBER
7
OF 98

Filename: ...\HIGHWAY\MSTA\007_Estimate.dgn Division: HIGHWAY Username: Clark.E.Sulloway Date:2/28/2022

STATION	CULVERT PIPE									CATCH BASIN		MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			OPTION I		OPTION III							TYPE B		TYPE C					
						SMOOTHLINED		CORRUGATED					TYPE B	OUTLET	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	B1-C	F5-C		LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
CATCH BASIN & MANHOLE																				
STA. 12+62.00, 29.9' RT. – (CB #1)										1.25										
STA. 13+00.00, 29.6' LT. – (CB #2)										1.25										
STA. 14+98.00, 29.9' LT. – (CB #3)										1.375										
STA. 15+50.00, 3.1' RT. – (CB #4)										1										
STA. 17+83.61, 49.5' RT. – (CB #5)										1										
STA. 18+00.00, 7.1' RT. – (CB #6)										1										
STA. 19+50.00, 8.6' RT. – (CB #7)										1										
STA. 20+00.00, 35.6' LT. – (CB #8)										1										
STA. 22+00.00, 35.4' RT. – (CB #9)										1										
STA. 22+00.00, 35.4' LT. – (CB #10)										1										FLAT TOP
STA. 800+64.00, 10.9' LT. (WEST JUG HANDLE) – (CB #11)										1										FLAT TOP
STA. 602+51.72, 32.0' LT. (MARTIN ST. (WB)) – (CB #12)											1									
STA. 602+41.50, 18.3' RT. (MARTIN ST. (WB)) – (CB #13)										1.375										
STA. 600+40.39, 12.9' RT. (MARTIN ST. (WB)) – (CB #14)										1										FLAT TOP
STA. 600+40.39, 27.0' RT. (MARTIN ST. (WB)) – (CB #15)											1									
STA. 501+23.45, 12.9' LT. (MARTIN ST.) – (CB #16)										1										FLAT TOP
STA. 501+20.68, 22.6' RT. (MARTIN ST.) – (CB #17)										1										60" CATCH BASIN, FLAT TOP
STA. 500+56.00, 12.9' RT. (MARTIN ST.) – (CB #18)										1										FLAT TOP
ROADWAY CULVERT																				
CB#1 RT. TO CB#2 LT.	18"	66'	III																	
CB#3 LT. TO CB#4 RT.	18"	58'	III																	
CB#5 RT. TO CB#6 RT.	18"	41'	III																	
CB#7 RT. TO CB#12 RT.	18"	51'	III																	
CB#9 RT. TO CB#10 LT.	18"	70'	III																	
CB#2 LT. TO STA. 301+17.56, 12.50' RT.						12"	59'	12"	59'											
CB#3 LT. TO STA. 14+98.00, 42.4' LT.						12"	11'	12"	11'											
CB#10 LT. TO CB#11 LT.						18"	33'	18"	33'											
CB#13 RT. TO CB#12 LT.						18"	43'	18"	43'											
CB#11 LT. TO STA. 23+25.00, 47.5' RT.						18"	97'	18"	97'											
CB#14 RT. TO CH#15 RT.						12"	11'	12"	11'											
CB#17 RT. TO CB#14 RT.						18"	70'	18"	70'											
CB#17 RT. TO CB#16 LT.						18"	32'	18"	32'											
STA. 501+07.69. 35.7' LT. TO CB#16 LT.						24"	24'	24"	24'											

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

DRAINAGE SHEET

SHEET NUMBER

8

OF 98

Filename: ...\MSTA\008_Drainage 1.dgn Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021

STATION	CULVERT PIPE									CATCH BASIN		MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			OPTION I		OPTION III							TYPE B		TYPE C					
						SMOOTHLINED		CORRUGATED					TYPE B	OUTLET	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	B1-C	F5-C		LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
UNDERDRAIN																				
STA. 10+05.38, 27.0' RT. TO STA. 12+56.73, 30.9' RT.													253'							CONNECT TO EXISTING CB
STA. 10+05.38, 26.9' LT. TO STA. 12+95.0, 30.6' LT.													299'							CONNECT TO EXISTING CB
CB#1 RT. TO STA. 17+77.75, 45.3' RT.													522'							
CB#3 LT. TO STA. 17+00.00, 32.4' LT.													197'							
STA. 17+00.00, 32.4' LT. TO CB#8 LT.													293'							
CB#9 RT. TO STA. 23+00.00, 33.8' RT.													98'							
CB#10 LT. TO STA. 25+40.00, 25.9' LT.													338'							
CB#11 LT. TO STA. 802+81.70, 13.4' LT.													165'							
STA. 700+31.00, 15.4' RT. TO CB#13, RT.													80'							
CB#8 LT. TO CB#10 LT.															12"	196'	12"	196'		
CB#18 RT. TO CB#17 RT.															12"	66'	12"	66'		
CB#2 LT. TO CB#3 LT.															18"	195'	18"	195'		
CB#5 RT. TO CB#16 LT.															18"	353'	18"	353'		
CB#13 RT. TO CB#9 RT.															18"	244'	18"	244'		
CB#14 RT. TO CB#13 RT.															18"	236'	18"	236'		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY	----------	---
CHECKED-REVIEWED -----	-----	-----
DESIGN2-DETAILED2 -----	----------	-----
DESIGN3-DETAILED3 -----	----------	-----
REVISIONS 1 -----	------	------
REVISIONS 2 -----	------	------
REVISIONS 3 -----	------	------
REVISIONS 4 -----	------	------
FIELD CHANGES -----	------	------

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

DRAINAGE SHEET

SHEET NUMBER

9

OF 98

Filename: ...\MSTA\009_Drainage 2.dgn Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021

1. ALL JOINTS BETWEEN EXISTING AND PROPOSED HOT BITUMINOUS PAVEMENT SHALL BE BUTTED. PAYMENT SHALL BE MADE UNDER STANDARD SPECIFICATIONS ITEM 202.203, PAVEMENT BUTT JOINTS.
2. GRIND TRANSITION TAPERS AT CATCH BASINS UNDER STANDARD SPECIFICATIONS ITEM 202.203, PAVEMENT BUTT JOINTS IN ACCORDANCE WITH STANDARD DETAIL 609(05), GUTTER GRADE TRANSITION AT CATCH BASIN, OR AS DIRECTED BY THE RESIDENT.
3. 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.
4. 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.
5. 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.
6. 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.
7. 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.
8. ALL INSLOPE AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER, OR AS DIRECTED BY THE RESIDENT.
9. 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.
10. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE FILL SIDE SLOPES WITHOUT GUARDRAIL UNLESS OTHERWISE NOTED ON THE PLANS.
11. 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.
12. 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.
13. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1 FOOT ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATIONS ITEM 703.19, GRANULAR BORROW.
14. 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.
15. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 2 INCHES OF HOT MIX ASPHALT AND 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.
16. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 3 INCHES OF HOT MIX ASPHALT AND 11 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL.
17. ALL PAVED WALKS SHALL BE CONSTRUCTED WITH 12 INCHES OF AGGREGATE SUBBASE COURSE GRAVEL AND 2 INCHES OF HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.
18. ANY NECESSARY CLEANING OF EXISTING PAVEMENT PRIOR TO PAVING (OR MILLING) SHALL BE INCIDENTAL TO THE RELATED PAVING (OR MILLING) ITEMS. THIS INCLUDES KILLING AND REMOVAL OF ALL VEGETATIVE MATTER.
19. 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).
20. EXISTING CULVERTS AND CATCH BASINS WILL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER THE APPROPRIATE PAY ITEMS.
21. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
22. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
23. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTH-LINED PIPES. FOR COMPARABLE CORRUGATED SIZES, SEE THE DRAINAGE TABULATION.
24. FLAT TOPS FOR CATCH BASINS ARE NOT ALLOWED UNLESS NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
25. PLASTIC END CAPS SHALL BE PLACED ON THE INLET END OF ALL DEAD-END 6-INCH TYPE B UNDERDRAIN AND SHALL BE CONSIDERED INCIDENTAL TO THIS ITEM.
26. 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.
27. 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.
28. AS DIRECTED BY THE RESIDENT, ALL EXISTING UNDERDRAIN OUTLETS SHALL BE LOCATED, CLEANED OUT AND DITCHED AS REQUIRED OR REPLACED AS NECESSARY. PAYMENT WILL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.
29. 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.
30. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.
31. HOLES CREATED BY GUARDRAIL REMOVAL WILL BE FILLED AND COMPACTED WITH APPROVED MATERIALS AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 606, GUARDRAIL.
32. 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.
33. TWO REFLECTORIZED FLEXIBLE GUARDRAIL MARKERS (STANDARD SPECIFICATIONS ITEM 606.353, REFLECTORIZED FLEXIBLE GUARDRAIL MARKER) WILL BE INSTALLED AT EACH GUARDRAIL END.
34. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL WILL BE CONSIDERED INCIDENTAL TO STANDARD SPECIFICATIONS SECTION 606, GUARDRAIL.
35. 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.
36. 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.
37. 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.
38. ACRYLIC LATEX COLOR FINISH GREEN (STANDARD SPECIFICATIONS ITEM 658.20, ACRYLIC LATEX COLOR FINISH) SHALL BE PLACED ON ALL PAVED ISLANDS.
39. WHITE PAVEMENT/CURB MARKING (STANDARD SPECIFICATIONS ITEM 627.75, WHITE OR YELLOW PAVEMENT & CURB MARKING) SHALL BE APPLIED TO ALL ISLAND TAPERED ENDS.
40. 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.
41. 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
42. 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.
43. THE CONTRACTOR IS RESPONSIBLE FOR THE CAREFUL SIDE STAKING OF EXISTING CENTERLINE AS PER STANDARD SPECIFICATION SECTION 105.6.2, CONTRACTOR PROVIDED SERVICES. SIDE STAKES SHALL BE PLACED SAFELY OUTSIDE OF THE CONSTRUCTION LIMITS AND THE EXISTING CENTERLINE GRADES SHALL BE TRANSFERRED TO THESE STAKES. THESE STAKES AND GRADES WILL BE USED TO LAY OUT CENTERLINE AND DETERMINE NEW CONSTRUCTION FINISH GRADES FROM DIFFERENTIAL ELEVATION SHEETS FURNISHED BY MAINEDOT. ALL LAYOUT, STAKES, AND GRADES WILL BE CHECKED AND MUST BE ACCEPTABLE TO THE RESIDENT. (REHABILITATION ONLY)
44. 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.
45. PLANS OF PREVIOUSLY CONSTRUCTED PROJECTS ARE AVAILABLE ON REQUEST. THESE PROJECTS ARE: F-021-1(5) & F-021-1(7) & LSF-021-1(1).
46. AREAS ON THE PROJECT REQUIRING FILL WILL COME FROM SUITABLE SITES SUCH AS EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.
47. 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.
48. 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.
49. "UNDETERMINED LOCATIONS" SHALL BE DETERMINED BY THE RESIDENT.
50. 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.
51. 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.
52. 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.

Filename: ...\MSTA\010_GeneralNotes.dgn Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
WIN 021766.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	$PROJMANAGER$		
DESIGN-DETAILED	$designer1$	$detailer1$	$proj date1$
CHECKED-REVIEWED	_____	_____	_____
DESIGN2-DETAILED2	$designer2$	$detailer2$	$proj date2$
DESIGN3-DETAILED3	$designer3$	$detailer3$	$proj date3$
REVISIONS 1	_____	$revdate1$	P.E. NUMBER
REVISIONS 2	_____	$revdate2$	
REVISIONS 3	$revision3$	$revdate3$	DATE
REVISIONS 4	$revision4$	$revdate4$	
FIELD CHANGES	$fieldchange$	$fieldchdate$	

SIGNATURE

AUBURN
ROUTE 4

GENERAL NOTES

SHEET NUMBER
10
OF 98

Filename: ...\MSTA\011_ConstructionNotes.dgn Division: HIGHWAY Username: Clark.E.Sullaway Date:2/28/2022

DRIVES AND ENTRANCES

	TYPE
STA. 10+55.00, RT.	PAVED ENT.
STA. 11+83.00, RT.	PAVED WALKWAY
STA. 13+11.00, RT.	PAVED ENT. LIP
STA. 13+69.00, LT.	PAVED ENT.
STA. 14+00.00, RT.	PAVED ENT.
STA. 15+50.00, RT.	PAVED WALKWAY
STA. 15+98.00, RT.	PAVED ENT.
STA. 16+00.00, LT.	PAVED ENT.
STA. 17+46.00, RT.	PAVED ENT.
STA. 32+32.86, LT.	PAVED ENT.
STA. 201+00.00, LT.	PAVED ENT.
STA. 201+25.00, RT.	GRAVEL ENT.
STA. 201+62.74, LT.	PAVED ENT.
STA. 300+82.00, RT.	PAVED DR. LIP
STA. 401+50.00, LT.	PAVED ENT. LIP
STA. 402+40.00, RT.	PAVED ENT. LIP
STA. 403+18.64. LT.	PAVED ENT. LIP
STA. 503+74.59, LT.	PAVED ENT.
STA. 504+25.00, LT.	PAVED ENT.
STA. 801+68.94, RT.	PAVED ENT.
STA. 802+00.00, RT.	PAVED ENT.

ITEM 201.23 REMOVING SINGLE TREE - TOP ONLY

ITEM 201.24 REMOVING STUMP

STA. 12+09.96, 47.0' LT.	48" PINE
STA. 19+35.54, 41.9' RT.	20" MAPLE
STA. 19+86.06, 41.3' RT.	26" MAPLE
STA. 20+25.72, 41.7' RT.	18" MAPLE
STA. 21+56.36, 52.4' LT.	12" APPLE
STA. 503+41.80, 22.0' RT.	18" MAPLE
STA. 600+24.25, 14.04' RT.	36" MAPLE
STA. 600+50.60, 13.96' RT.	20" MAPLE
STA. 600+81.08, 8.67' RT.	15" MAPLE
STA. 700+33.71, 3.25' LT.	24" MAPLE

ITEM 202.15 REMOVING MANHOLE OR CATCH BASIN

STA. 12+64.47, 26.0' RT.	STA. 23+79.61, 31.3' LT.
STA. 12+96.87, 26.0' LT	STA. 23+80.17, 91.3' LT.
STA. 14+97.82, 25.9' RT.	STA. 501+40.58, 16.0' RT.
STA. 14+98.49, 27.7' LT.	STA. 504+19.86, 10.2' LT.
STA. 20+38.46, 23.9' RT.	STA. 504+20.40, 22.3' LT.
STA. 21+99.78, 20.4' RT.	STA. 801+05.25, 0.7' RT.
STA. 22+02.55, 29.8' LT.	

ITEM 526.331 PERMANENT CONCRETE BARRIER TYPE IIIB

	LENGTH
STA. 29+72.10, 27.0' LT TO STA. 29+69.60, 27.0' LT.	24 LF

ITEM 604.16 ALTER CATCH BASIN TO MANHOLE

STA. 402+65.55, RT.

ITEM 604.161 ALTER CATCH BASIN

STA. 10+04.00, LT.	CHANGE TOP TO TYPE B
STA. 10+04.00, RT.	CHANGE TOP TO TYPE B

ITEM 604.167 CHANGE CATCH BASIN GRATE TO CASCADE

STA. 402+83.61. LT.

ITEM 604.18 ADJUST CATCH BASIN OR MANHOLE TO GRADE

STA. 300+97.81, LT. (CASCADE GRATE)

STA. 301+17.32, RT. (CASCADE GRATE)

ITEM 606.1301 31 INCH W BEAM GUARDRAIL - MID-WAY SPLICE SINGLE FACED

	BEAM	LENGTH
STA. 24+16.66, 30.5' RT. TO STA. 29+60.10, 27.0' RT.	43.5	543.75
STA. 27+22.60, 27.0' LT. TO STA. 29+53.85, 27.0' LT.	18.5	231.25
STA. 30+09.05, 27.0' RT. TO STA. 30+90.00, 27.0' RT.	6.5	81.25
STA. 30+15.42, 27.0' LT. TO STA. 31+72.32, 27.0' LT.	12.5	156.25
STA. 500+13.01, 11.02' LT. TO STA. 500+85.60, 14.0' LT.	5.5	69
TOTAL :	86.5	1,081.25 LF

ITEM 606.1303 31 INCH W BEAM GUARDRAIL - MID-WAY SPLICE 15 FT. RADIUS AND LESS

	BEAM	LENGTH
STA. 500+85.60, LT. TO STA. 501+02.30, LT.	2	25 LF

ITEM 606.1305 31 INCH W BEAM GUARDRAIL - MID-WAY SPLICE - FLARED TERMINAL

	QUANTITY
STA. 24+16.66, 30.5' RT.	1
STA. 27+22.60, 27.0' LT.	1
STA. 30+90.00, 27.0' RT.	1
STA. 31+72.32, 27.0' LT.	1
TOTAL :	4 EACH

ITEM 606.1722 BRIDGE TRANSITION - TYPE 2

	QUANTITY
STA. 29+60.10, 27.0' RT. TO STA. 29+72.60, 27.0 RT.	1
STA. 29+96.60, 27.0' RT. TO STA. 30+09.05, 27.0' RT.	1
STA. 500+00.00, 11.0' LT. TO STA. 500+13.01, 14.0' LT.	1
TOTAL :	3 EACH

ITEM 606.1307 BRIDGE TRANSITION (ASYMMETRICAL) - TYPE 1A

	QUANTITY
STA. 29+53.85, 27.0' LT. TO STA. 29+72.60, 27.0' LT.	1
STA. 29+96.60, 27.0' LT. TO STA. 30+15.42, 27.0' LT.	1
TOTAL :	2 EACH

ITEM 606.265 TERM END-SGL RAIL - GALVANIZED STEEL

STA. 30+46.90, LT.	1 EACH
STA. 501+02.30, LT.	1 EACH

ITEM 606.353 REFLECTORIZED FLEXIBLE GUARDRAIL MARKER

	QUANTITY
STA. 24+16.66, RT.	2
STA. 27+22.60, LT.	2
STA. 30+90.00, RT.	2
STA. 31+72.32, LT.	2
STA. 500+85.60, LT.	2
TOTAL :	10 EACH

ITEM 607.16 CHAIN LINK FENCE - 4 FOOT

ITEM 607.34 BRACING ASSEMBLY CHAIN LINK FENCE

	LENGTH	BRACING (EA)
STA. 27+43.12, 35.4' LT. TO STA. 29+72.60, 27.5' LT.	230.0	2
STA. 27+47.52, 46.3' LT. TO STA. 29+47.50, 42.2' LT.	200.0	2
STA. 29+52.50, 42.1' LT. TO STA. 30+52.85, 42.0' LT.	100.0	2
STA. 29+96.60, 27.5' LT. TO STA. 31+66.84, 32.0' LT.	170.0	2
TOTAL :	700.0 LF	8 EA

ITEM 608.26 CURB RAMP DETECTABLE WARNING FIELD

	SIZE	AREA
STA. 11+90.00, RT	10 X 2	20.0
STA. 12+48.50, RT	10 X 2	20.0
STA. 501+10.00, RT	5 X 2	10.0
STA. 501+10.00, LT	5 X 2	10.0
TOTAL :		60.0 SF

ITEM 610.08 PLAIN RIPRAP

ITEM 620.58 EROSION CONTROL GEOTEXTILE

CULVERT	DOWNSPOUT	SLOPE
Sta. 501+15, LT.	Sta. 200+75, RT.	STA. 10+87.50, LT. TO 12+25.00, LT.
		STA. 23+63.03, RT. TO STA. 23+86.54, RT.

ITEM 613.319 EROSION CONTROL BLANKET

STA. 23+25.00, 47.5' LT. TO STA. 25+00.00, 47.5' LT.

CB#15, RT. TO STA. 601+35.03, 20.0' RT.

LEGEND
STA. 10+00 to 35+35 = RTE. 4
STA. 200+65.66 to 200+36.20 = OAK HILL RD.
STA. 300+00.00 to 301+65.71 = LILIAN ST.
STA. 400+56 to 403+92.58 = TURNER ST.
STA. 500+00.00 to 505+14.55 = MARTIN ST.
STA. 600+00.00 to 603+18.55 = MARTIN ST. (WB)
STA. 700+00 to 700+90.08 = EAST JUG HANDLE
STA. 800+00.00 to 803+17.42 = WEST JUG HANDLE
STA. 901+29.86 to 902+91.38 = FAIR ST.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	RHOBE MOULTON	
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CONSTRUCTION NOTES

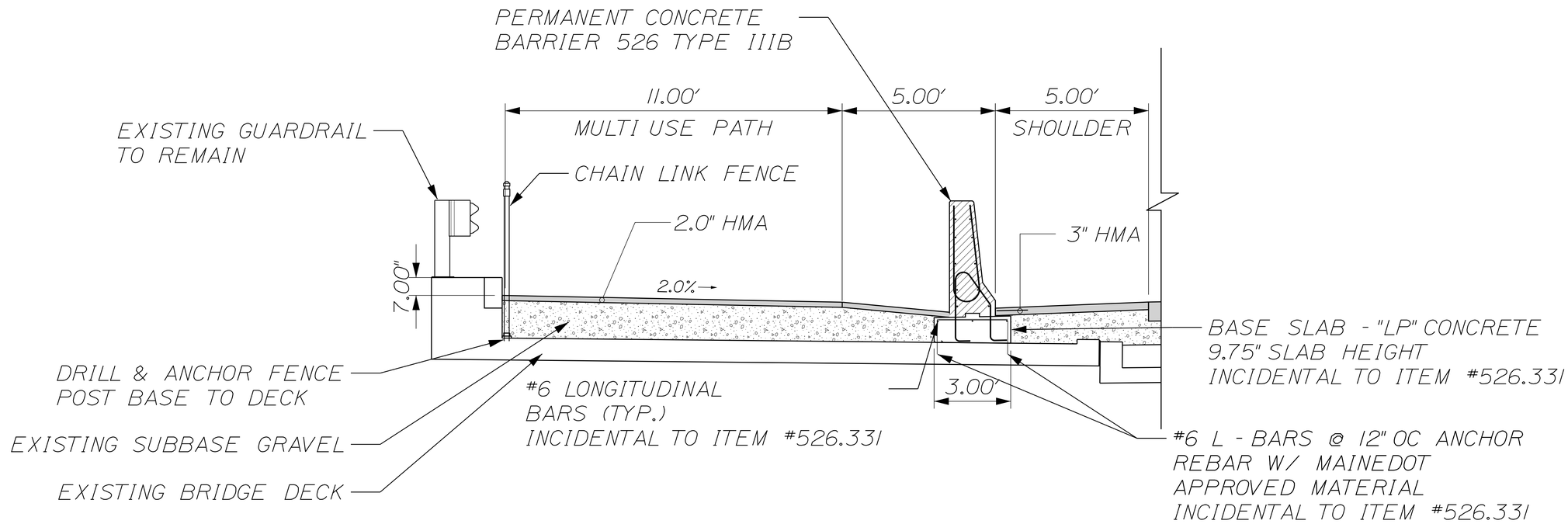
SHEET NUMBER

11

OF 98

SPECIAL DETAIL FOR 24' CONCRETE BARRIER OVER BRIDGE DECK

STA. 29+72.10, 27.0' LT. TO STA. 29+96.60, 27.0' LT.



BENT BARS														
MARK	QTY.	LENGTH	TYPE	A	B	C	D	E	F	G	H	O	R	LOCATION
FB651	TBD	6'-9 1/2"	CB	1'-0"	1'-11"	0'-7 1/2"	1'-1 1/2"	1'-1 1/2"	--	1'-0"	--	1'-2"	0'-3"	Concrete Barrier
FB652	TBD	5'-11 1/2"	S	1'-0"	1-7 1/2"	0'-8 1/2"	1'-7 1/2"	--	--	1'-0"	--	--	--	Concrete Barrier

TYPE - BENDING DIAGRAMS

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

BRIDGE BARRIER DETAIL

SHEET NUMBER

12

OF 98

Username: Clark.E.Sullowoy Date:12/8/2021

Division: HIGHWAY

Filename: ...\012_BridgeBarrierDetail.dgn

Filename: ...\013_Signing&StripingPlan1.DGN Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

STA. 400+72.00, LT.
R3-1: 24" X 24"

DO NOT ENTER

END ONE WAY

STA. 401+22.00, RT.
R5-1 30" X 30"
R6-7 24" X 30"
4" X 6" WOOD POST

STA. 401+22.00, LT.
R5-1 30" X 30"
R6-7 24" X 30"
4" X 6" WOOD POST

STOP

STA. 301+77.00, RT.
R1-1 30" X 30"

ONE WAY

STA. 402+40.00, LT.
R6-1L 36" X 12"

ONE WAY

STA. 401+45.00, RT.
R6-1R 36" X 12"

ONE WAY

STA. 403+19.00, RT.
R6-1R 36" X 12"

STA. 11+63.00
R4-7: 24" X 18"
OM1-1: 18" X 18"

NEW TRAFFIC PATTERN AHEAD

STA. 9+50.00, RT.
W23-2: 36" X 36"

ONE WAY

STOP

STA. 201+98.00, RT.
R6-1R: 36" x 12"
R1-1: 30" X 30"
4" x 6" WOOD POST

STA. 13+25.00, RT.
INSTALL TYPE II GUIDE SIGN:
48" X 60"
2 - 4" X 6" WOOD POSTS

400+00 401+00 402+00 403+00 300+00 301+00 202+00 201+00 200+00

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

4" SSWL 4" DSYL 4" DWL

DETAIL A:
TO BOAT LANDING/REVERSE DIRECTION GUIDE SIGN

NOTES FOR DETAIL A:

BORDER: R=2.25", TH=0.75"
TEXT:
-TO BOAT LANDING: 3.5" HIGHWAY GOTHIC SERIES D
-REVERSE DIRECTION: 3.5" HIGHWAY GOTHIC SERIES D
-NEXT LEFT: 5" HIGHWAY GOTHIC SERIES D

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

SIGNING, STRIPING, AND MARKING PLANS

SHEET NUMBER

13

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Filename: ...\014_Signing&StripingPlan2.DGN Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021

STA. 18+32.00, LT.
INSTALL TYPE II GUIDE SIGN:
42" X 60"
2 - 4" X 6" WOOD POSTS
SEE DETAIL B

STA. 19+00.00, RT.
R3-1: 30" X 30"

STA. 504+27.00, RT.
R6-1R: 36" X 12"

STA. 503+86.00, RT.
INSTALL TYPE II GUIDE SIGN:
42" X 60"
2 - 4" X 6" WOOD POSTS
SEE DETAIL B

STA. 601+44.00, LT.
R3-2: 24" X 24"

STA. 602+00.00, LT.
R15-1 30" X 30"

STA. 602+66.00, LT.
STA. 602+79.00, RT.
R6-1R: 36" x 12"
R1-1: 30" X 30"
R5-1: 30" X 30"
4" x 6" WOOD POST

STA. 601+96.00, RT.
R6-1L: 36" X 12"
R1-2: 36"
4" X 6" WOOD POST

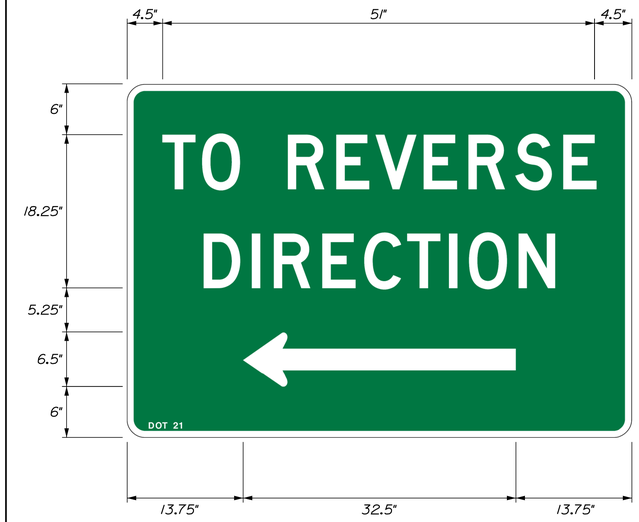
STA. 902+69.00, RT.
R1-1: 30" X 30"

STA. 502+23.00
R4-7: 24" X 18"
OM1-1: 18" X 18"

STA. 501+05.00, RT.
W11-2L: 30" X 30"
W16-7PL: 24" X 12"
W11-2R: 30" X 30"
W16-7PR: 24" X 12"
4" X 6" WOOD POST

STA. 501+05.00, LT.
W11-2L: 30" X 30"
W16-7PL: 24" X 12"
W11-2R: 30" X 30"
W16-7PR: 24" X 12"
4" X 6" WOOD POST

DETAIL B:
TO REVERSE DIRECTION GUIDE SIGN



NOTES FOR DETAIL B:

BORDER: R=2.25", TH=0.75"
TEXT: 6.5" HIGHWAY GOTHIC SERIES D

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHODE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

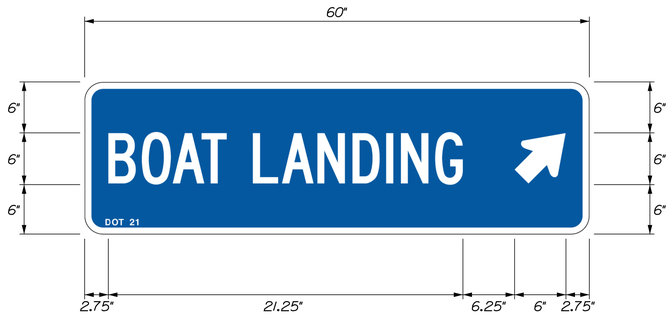
P.E. NUMBER

DATE

AUBURN
MARTIN ST./E. JUG HANDLE
SIGNING, STRIPING, AND MARKING PLANS

SHEET NUMBER
14
OF 98

DETAIL C:
BOAT LANDING SERVICES SIGN



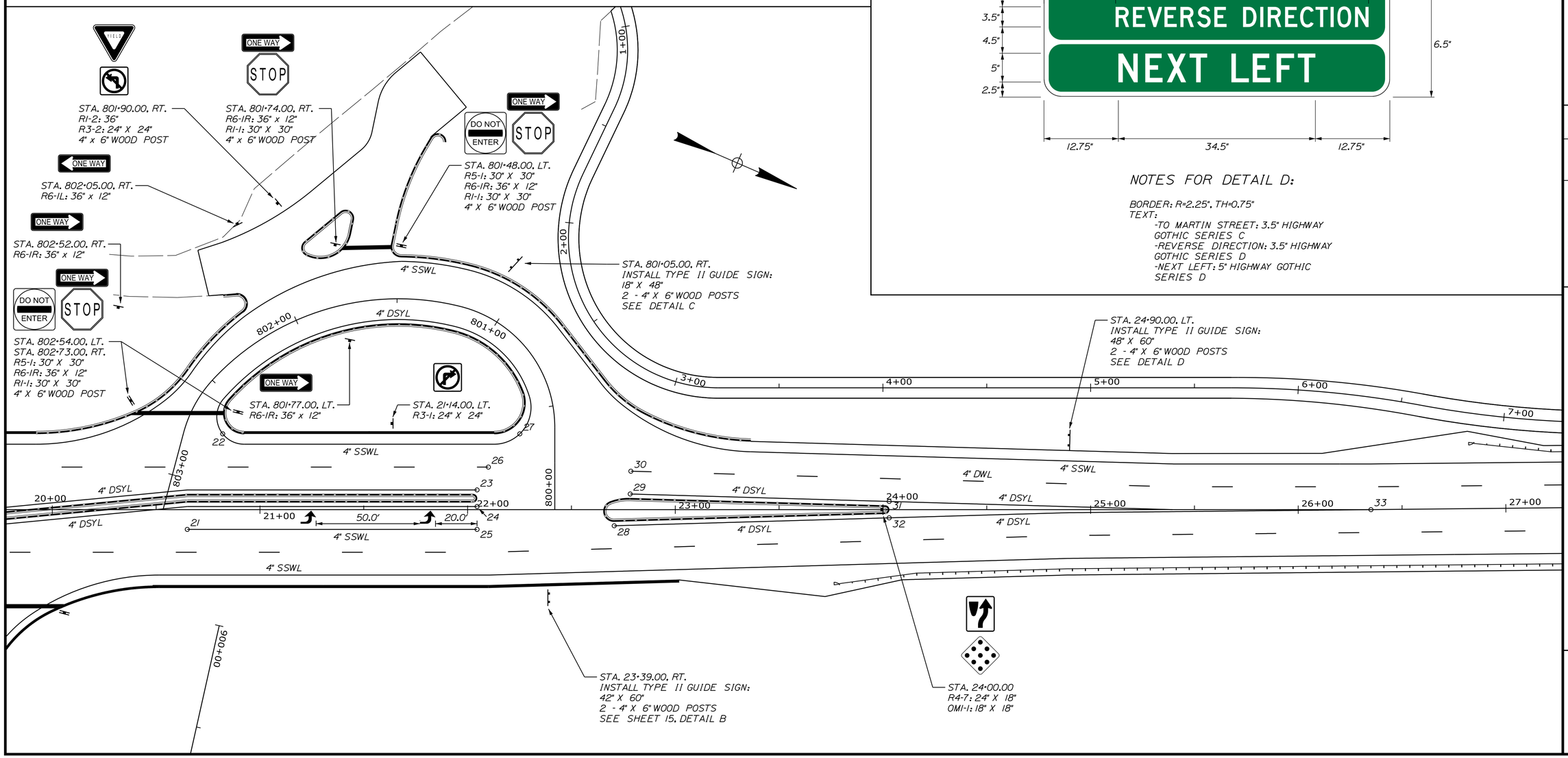
NOTES FOR DETAIL C:

BORDER: R=2.25", TH=0.75"
TEXT: 6" HIGHWAY GOTHIC SERIES D

DETAIL D:
TO MARTIN STREET/REVERSE DIRECTION GUIDE SIGN

NOTES FOR DETAIL D:

BORDER: R=2.25", TH=0.75"
TEXT:
-TO MARTIN STREET: 3.5" HIGHWAY GOTHIC SERIES C
-REVERSE DIRECTION: 3.5" HIGHWAY GOTHIC SERIES D
-NEXT LEFT: 5" HIGHWAY GOTHIC SERIES D



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

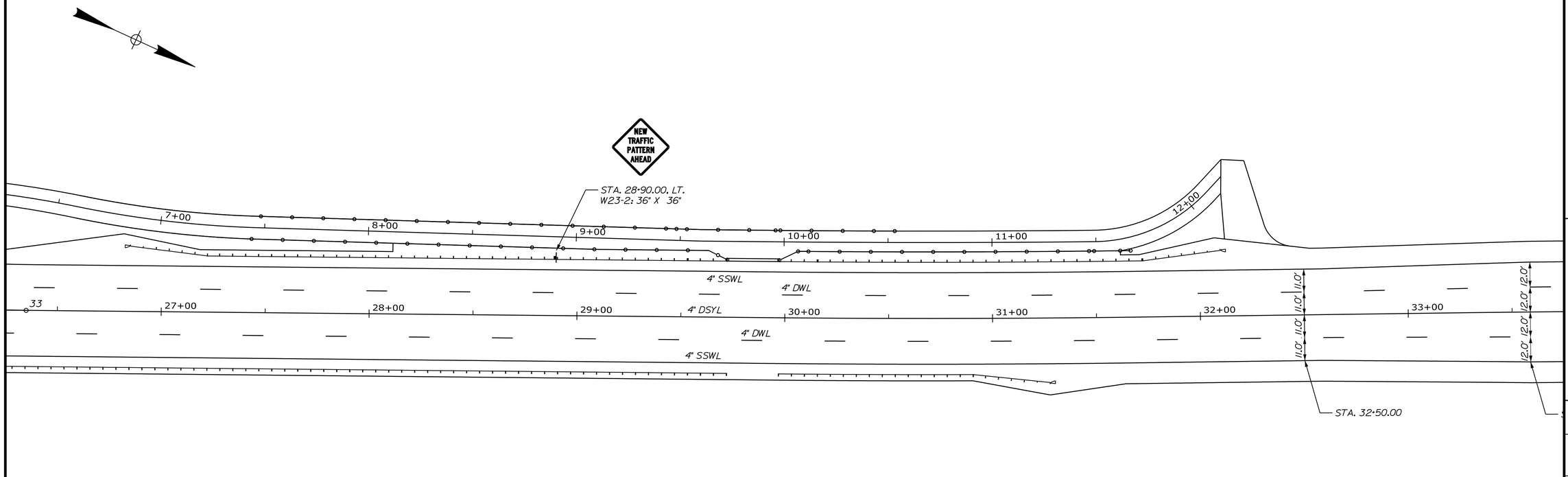
DATE

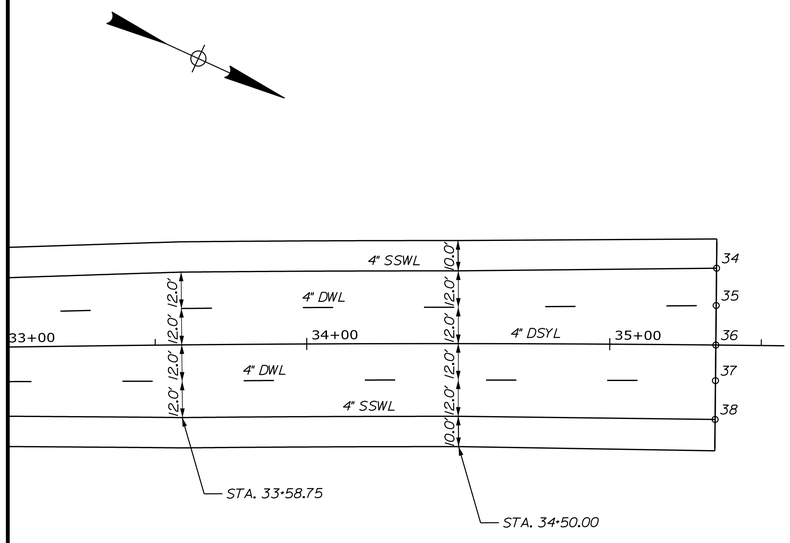
AUBURN
ROUTE 4

SIGNING, STRIPING, AND MARKING PLANS

SHEET NUMBER
15
OF 98

Filename: ...\015_Signing&StripingPlan3.DGN Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021





Filename: ...\016_Signing&StripingPlan4.DGN Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

SIGNING, STRIPING, AND MARKING PLANS

SHEET NUMBER

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SIGNING SUMMARY

R1-1 STOP: 30" x 30"	
Location	**Location**
20+18.00, LT.	801+48.00, LT.
201+98.00, RT.	801+74.00, RT.
301+77.00, RT.	802+54.00, RT.
602+66.00, LT.	902+69.00, RT.
602+79.00, RT.	**Quantity Total:** 9

R3-2: 24" x 24"	
Location	**Location**
601+44.00, LT.	801+90.00, RT.
	Quantity Total: 2

R1-2 YIELD: 36"	
Location	**Location**
601+96.00, RT.	801+90.00, RT.
	Quantity Total: 2

R6-1R ONE WAY: 36" x 12"	
Location	**Location**
20+18.00, LT.	602+87.00, RT.
201+98.00, RT.	801+48.00, LT.
401+45.00, RT.	801+74.00, RT.
403+19.00, RT.	801+77.00, LT.
504+27.00, RT.	802+52.00, RT.
601+96.00, RT.	802+59.00, LT.
602+71.00, LT.	**Quantity Total:** 13

GUIDE SIGN LEFT TO BOAT LANDING: 48" x 60"	
Location	**Location**
13+25.00, RT.	**Quantity Total:** 1

GUIDE SIGN REVERSE: 42" x 60"	
Location	**Location**
18+32.00, LT.	503+86.00, RT.
23+39.00, RT.	**Quantity Total:** 3

R6-1L ONE WAY: 36" x 12"	
Location	**Location**
402+40.00, LT.	802+05.00, RT.
	Quantity Total: 2

W11-2R & W16-7PR: 30" x 30" & 24" x 12"	
Location	**Location**
501+05.00, RT.	501+05.00, LT.
	Quantity Total: 2

W11-2L & W16-7PL: 30" x 30" & 24" x 12"	
Location	**Location**
501+05.00, RT.	501+05.00, LT.
	Quantity Total: 2

R5-1 DO NOT ENTER: 30" x 30"	
Location	**Location**
20+18.00, LT.	602+71.00, LT.
401+22.00, RT.	602+87.00, RT.
401+22.00, LT.	801+48.00, LT.
602+00.00, LT.	802+59.00, LT.
	Quantity Total: 8

R6-7 END ONE WAY: 24" x 40"	
Location	**Location**
401+22.00, RT.	401+22.00, LT.
	Quantity Total: 2

R4-7: 24" x 18"	
Location	**Location**
11+63.00	502+23.00
24+00.00	**Quantity Total:** 3

OM1-1: 18" x 18"	
Location	**Location**
11+63.00	502+23.00
24+00.00	**Quantity Total:** 3

GUIDE SIGN BOAT: 18" x 60"	
Location	**Location**
801+05.00, RT.	**Quantity Total:** 1

W23-2: 36" x 26"	
Location	**Location**
9+50.00, RT.	28+90.00, LT.
	Quantity Total: 2

R3-1: 24" x 24"	
Location	**Location**
19+00.00, RT.	400+72.00, LT.
21+64.00, LT.	**Quantity Total:** 3

GUIDE SIGN LEFT TO MARTIN STREET: 48" x 60"	
Location	**Location**
24+90.00, LT.	**Quantity Total:** 1

STRIPING SUMMARY

LEGEND
SSWL: SINGLE SOLID WHITE LINE
DSYL: DOUBLE SOLID YELLOW LINE
DWL: DASHED WHITE LINE
6' LENGTH - 30' GAP

POINT TO POINT	TYPE	POINT TO POINT	TYPE
1 - 10	4" SSWL	28 - 32	4" DSYL
2 - 26	4" DWL	29 - 31	4" DSYL
3 - 6	4" DSYL	30 - 35	4" DWL
3 - 7	4" DSYL	31 - 33	4" DSYL
4 - 11	4" DWL	32 - 33	4"DSYL
5 - 6	4" SSWL	33 - 36	4" DSYL
6 - 13	4" DSYL	38 - 55	4" SSWL
7 - 12	4" DSYL	39 - 40	4" DSYL
9 - 51	4" SSWL	41 - 42	4" DSYL
10 - 44	4" DSYL	43 - 34	4" SSWL
14 - 20 (ROUTE 4)	4" SSWL	45 - 48	4" SSWL
14 - 20 (EAST JUG)	4" DSYL	46 - 49	4" DSYL
15 - 19	4" SSWL	47 - 50	4" SSWL
16 - 23	4" DSYL	52 - 53	4" DSYL
17 - 24	4" DSYL	52 - 56	4" DSYL
18 - 37	4" DWL	53 - 54	4" DSYL
21 - 25	4" SSWL	54 - 57	4" SSWL
22 - 27 (ROUTE 4)	4" SSWL	56 - 57	4" DSYL
22 - 27 (WEST JUG)	4" DSYL		

POINT	STATION	OFFSET	POINT	STATION	OFFSET
1	10+00.00	24.0' LT.	30	22+78.61	18.5' LT.
2	10+00.00	12.0' LT.	31	24+03.02	3.9' LT.
3	10+00.00	0.0'	32	24+03.02	3.9' RT.
4	10+00.00	12.0' RT.	33	26+35.00	0.0'
5	10+00.00	24.0' RT.	34	35+35.00	25.4' LT.
6	11+60.00	4.0' LT.	35	35+35.00	13.0' LT.
7	11+60.00	4.0' RT.	36	35+35.00	0.0'
8	11+77.36	26.0' RT.	37	35+35.00	11.7' RT.
9	12+61.34	26.0' RT.	38	35+35.00	24.5' RT.
10	15+10.71	31.0' LT.	39	200+80.19	0.0'
11	18+03.48	19.1' RT.	40	201+94.03	0.0'
12	18.03.75	8.1' RT.	41	300+71.14	0.0'
13	18+03.90	8.1' LT.	42	300+20.38	0.0'
14	18+44.87	36.5' RT.	43	400+55.99	11.0' LT.
15	18+60.10	9.5' LT.	44	401+21.56	0.0'
16	18+60.10	1.5' RT.	45	500+00.00	10.0' LT
17	18+60.10	9.5' RT.	46	500+00.00	0.0'
18	18+60.10	20.5' RT.	47	500+00.00	10.0' RT.
19	19+50.00	9.5' LT.	48	501+07.38	11.0' LT.
20	19+55.02	36.5' RT.	49	501+07.50	0.0'
21	20+65.00	9.5' RT.	50	501+07.61	11.0' RT.
22	20+82.07	36.5' LT.	51	501+12.62	11.0' LT.
23	22+04.56	9.5' LT.	52	501+86.83	0.0'
24	22+04.56	1.5' LT.	53	502+22.23	0.0'
25	22+04.56	9.5' RT.	54	503+55.42	2.0' RT.
26	22+10.00	20.5' LT.	55	600+40.39	11.0' RT.
27	22+25.14	36.5' LT.	56	600+73.71	0.0'
28	22+70.59	7.8' RT.	57	602+02.41	2.0' LT.
29	22+78.29	7.5' LT.			

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	RHOBE MOULTON	
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED	-----	-----
DESIGN2-DETAILED2	-----	-----
DESIGN3-DETAILED3	-----	-----
REVISIONS 1	-----	-----
REVISIONS 2	-----	-----
REVISIONS 3	-----	-----
REVISIONS 4	-----	-----
FIELD CHANGES	-----	-----

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

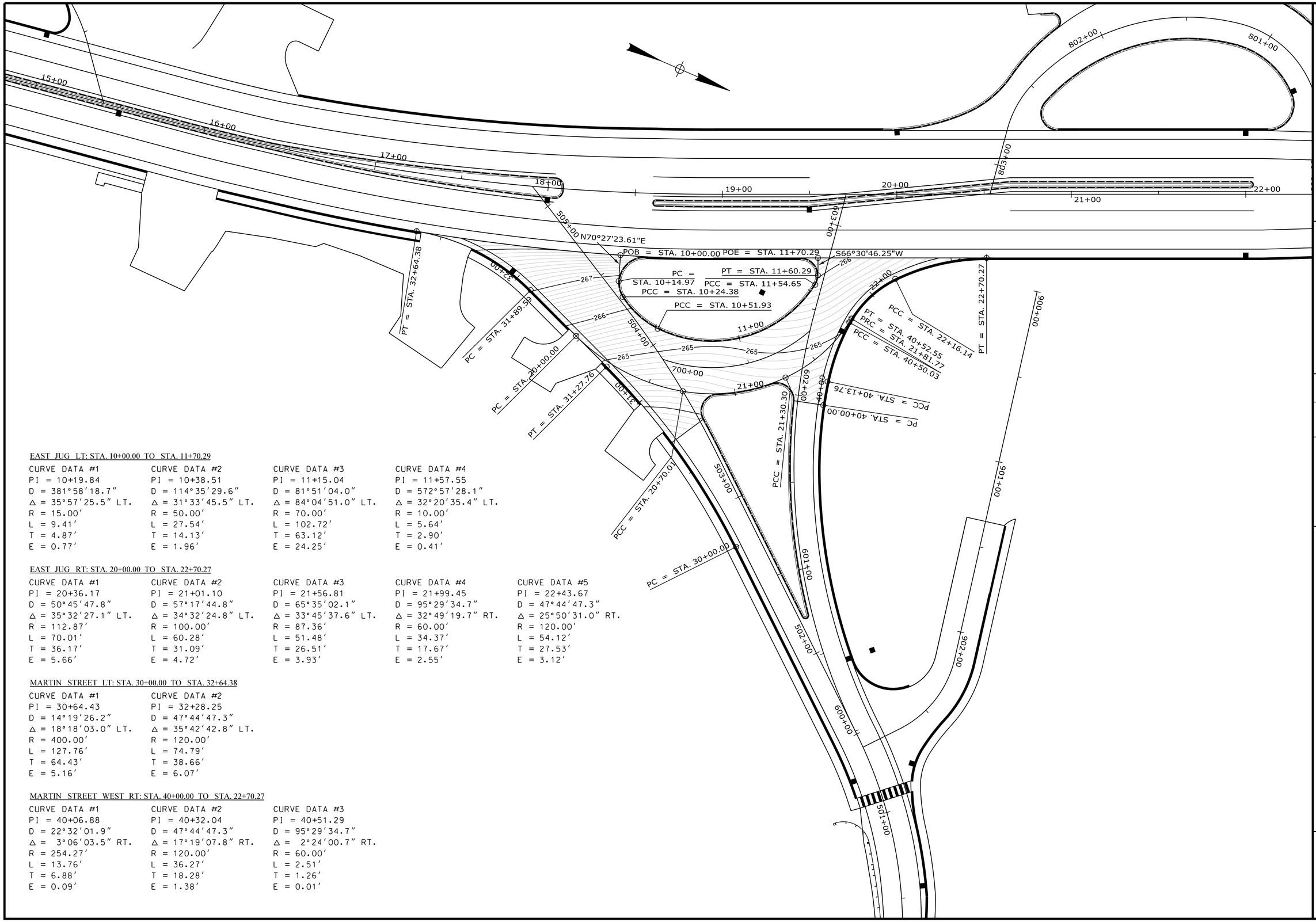
SIGNING, STRIPING, AND MARKING PLANS

SHEET NUMBER

17

OF 98

Filename: ...\017_Signing&StripingPlan5.DGN Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021


15+00
16+00
17+00
18+00
19+00
20+00
21+00
22+00
802+00
801+00
803+00
N70°27'23.61"E
POB = STA. 10+00.00
POE = STA. 11+70.29
S66°30'46.25"W
PC = STA. 10+14.97
PT = STA. 11+60.29
PCC = STA. 11+54.65
PCC = STA. 10+24.38
PCC = STA. 10+51.93
PT = STA. 32+64.38
PC = STA. 31+89.50
PC = STA. 20+00.00
PT = STA. 31+27.76
PCC = STA. 20+70.01
PC = STA. 30+00.00
PCC = STA. 21+30.30
PCC = STA. 22+16.14
PT = STA. 22+70.27
PT = STA. 40+52.55
PRC = STA. 21+81.77
PCC = STA. 40+50.03
PC = STA. 40+00.00
PCC = STA. 40+13.76
900+00
901+00
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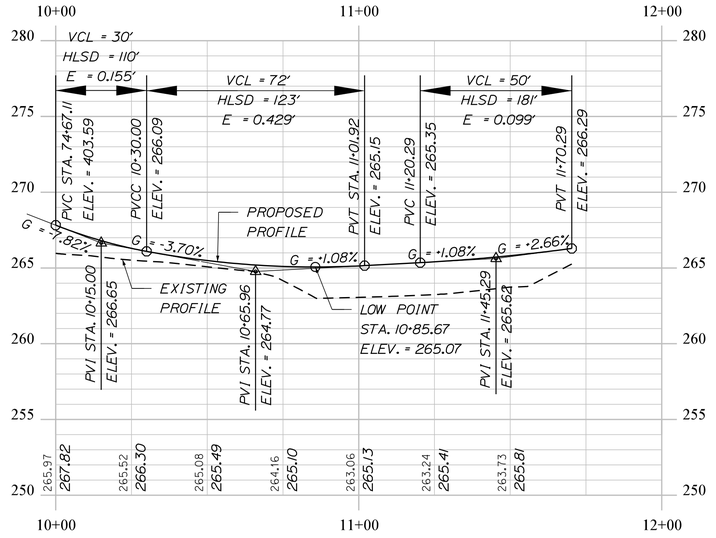
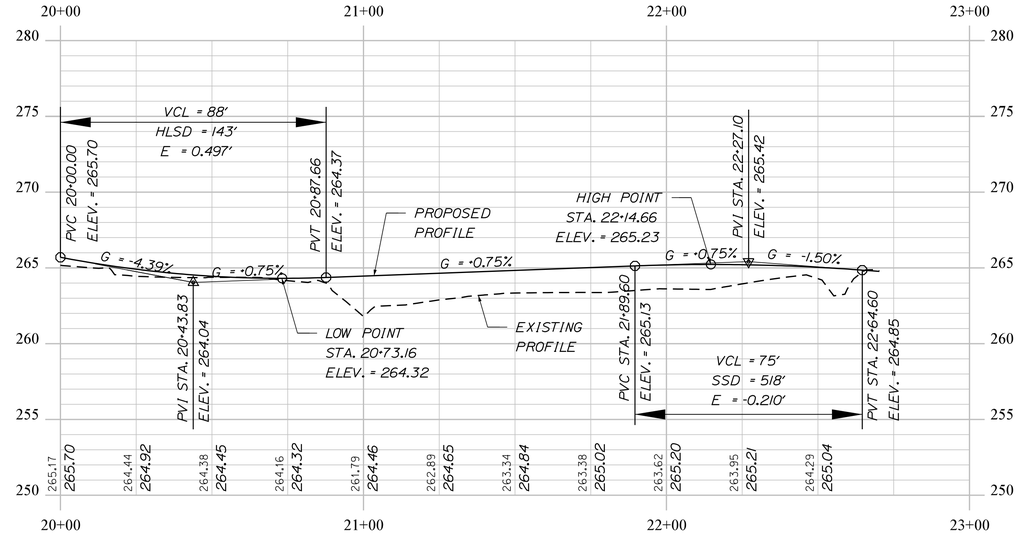
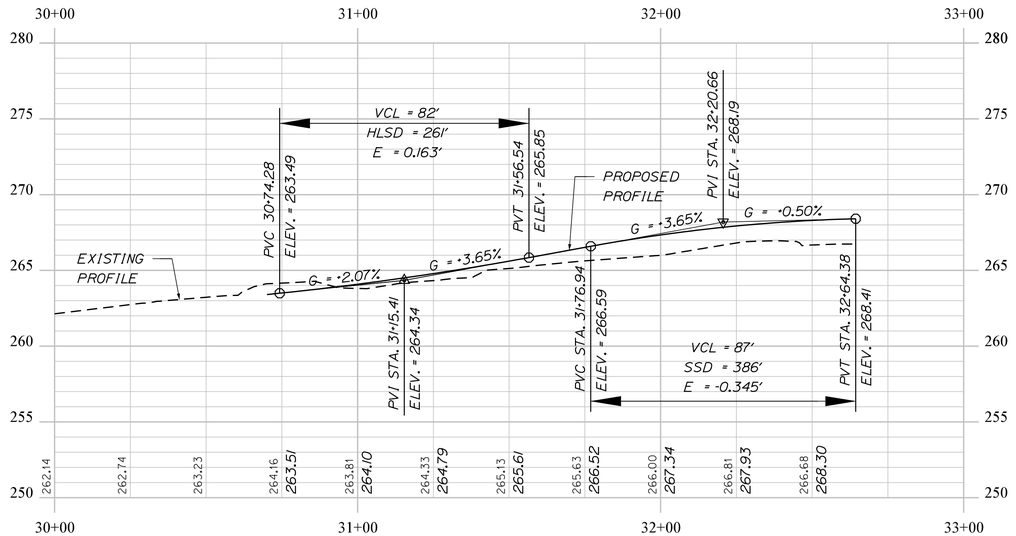


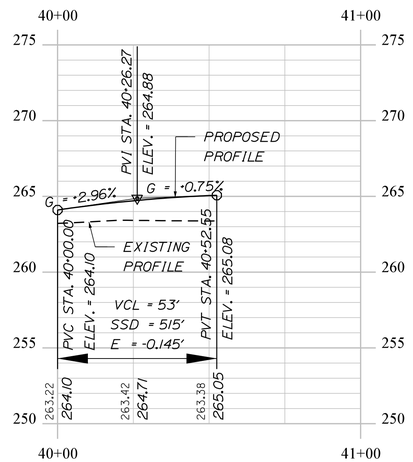
EAST JUG LT.



EAST JUG RT.



MARTIN ST. - EASTBOUND LT.



MARTIN ST. - WESTBOUND RT.

Filename: ...\MSTA\019_GradingPlan2.DGN Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

GRADING PLAN:
WEST JUG HANDLE

SHEET NUMBER
19
OF 98

Filename: ...\MSTA\020_GradingPlan3.DGN Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021

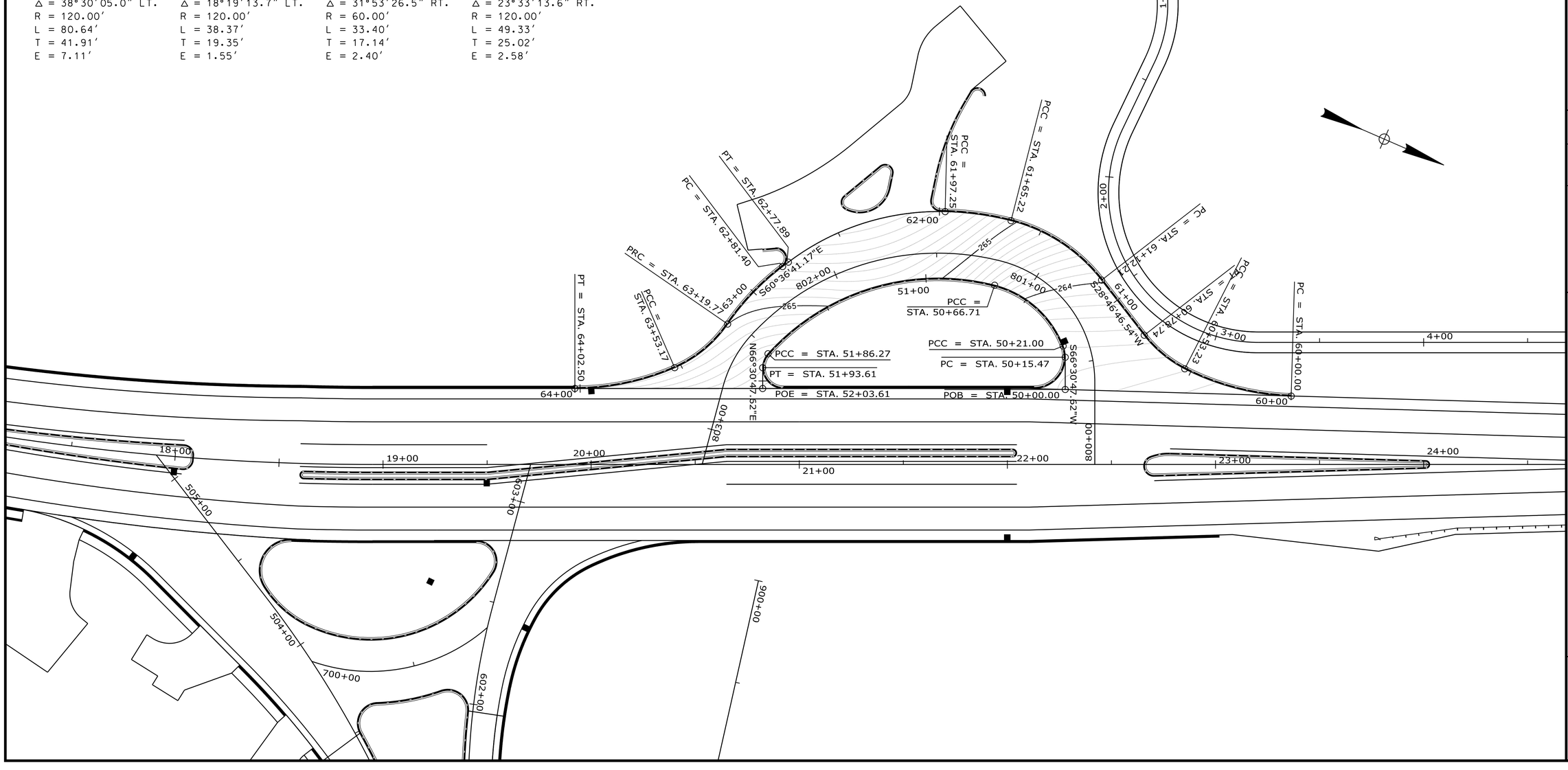
WEST JUG LT: STA. 50+00.00 TO STA. 52+03.61

CURVE DATA #1	CURVE DATA #2	CURVE DATA #3	CURVE DATA #4
PI = 50+18.27	PI = 50+45.76	PI = 51+33.17	PI = 51+90.12
D =381°58′18.7″	D =119°21′58.3″	D = 52°05′13.5″	D =572°57′28.1″
Δ = 21°07′06.5″ LT.	Δ = 54°33′59.4″ LT.	Δ = 62°16′31.9″ LT.	Δ = 42°02′22.3″ LT.
R = 15.00′	R = 48.00′	R = 110.00′	R = 10.00′
L = 5.53′	L = 45.71′	L = 119.56′	L = 7.34′
T = 2.80′	T = 24.76′	T = 66.46′	T = 3.84′
E = 0.26′	E = 6.01′	E = 18.52′	E = 0.71′

WEST JUG RT: STA. 60+00.00 TO STA. 64+02.50

CURVE DATA #1	CURVE DATA #2	CURVE DATA #3	CURVE DATA #4
PI = 60+27.06	PI = 60+66.19	PI = 61+39.73	PI = 61+81.30
D = 47°44′47.3″	D = 98°47′09.0″	D = 71°37′11.0″	D = 40°20′56.9″
Δ = 25°24′52.6″ RT.	Δ = 25°12′10.0″ RT.	Δ = 37°57′52.6″ LT.	Δ = 12°55′30.1″ LT.
R = 120.00′	R = 58.00′	R = 80.00′	R = 142.00′
L = 53.23′	L = 25.51′	L = 53.01′	L = 32.03′
T = 27.06′	T = 12.97′	T = 27.52′	T = 16.08′
E = 3.01′	E = 1.43′	E = 4.60′	E = 0.91′

CURVE DATA #5	CURVE DATA #6	CURVE DATA #7	CURVE DATA #8
PI = 62+39.16	PI = 63+00.75	PI = 63+36.92	PI = 63+78.19
D = 47°44′47.3″	D = 47°44′47.3″	D = 95°29′34.7″	D = 47°44′47.3″
Δ = 38°30′05.0″ LT.	Δ = 18°19′13.7″ LT.	Δ = 31°53′26.5″ RT.	Δ = 23°33′13.6″ RT.
R = 120.00′	R = 120.00′	R = 60.00′	R = 120.00′
L = 80.64′	L = 38.37′	L = 33.40′	L = 49.33′
T = 41.91′	T = 19.35′	T = 17.14′	T = 25.02′
E = 7.11′	E = 1.55′	E = 2.40′	E = 2.58′



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY		
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

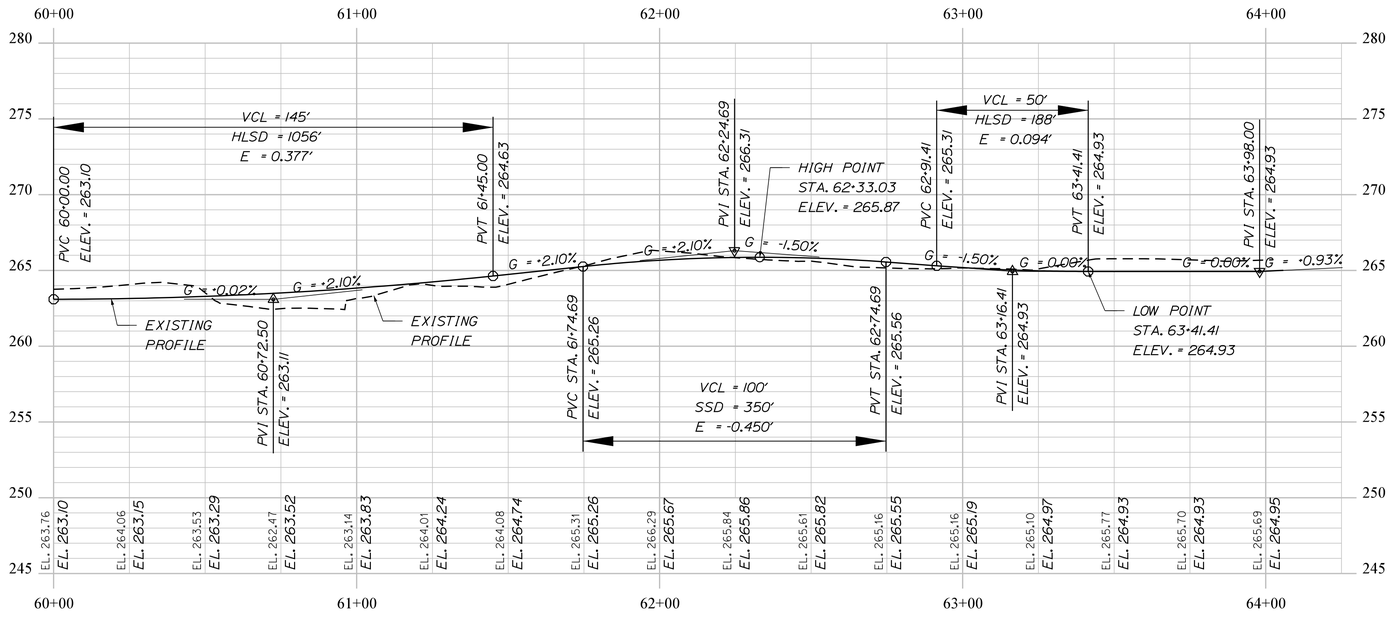
P.E. NUMBER

DATE

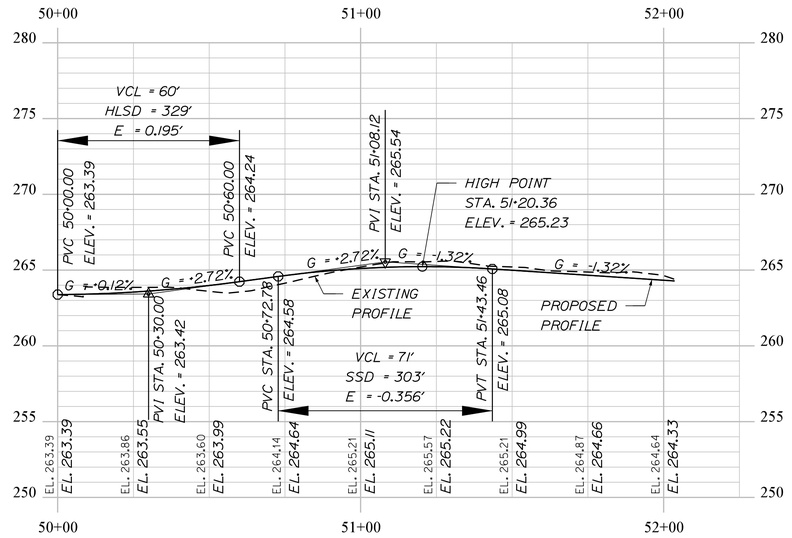
AUBURN
ROUTE 4

GRADING PLAN:
WEST JUG HANDLE

SHEET NUMBER
20
OF 98



WEST JUG RT.



WEST JUG LT.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	------	---
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-------	-------	-------
DESIGN3-DETAILED3	-------	-------	-------
REVISIONS 1	------	------	------
REVISIONS 2	------	------	------
REVISIONS 3	------	------	------
REVISIONS 4	------	------	------
FIELD CHANGES	------	------	------

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

GRADING PLAN:
WEST JUG HANDLE

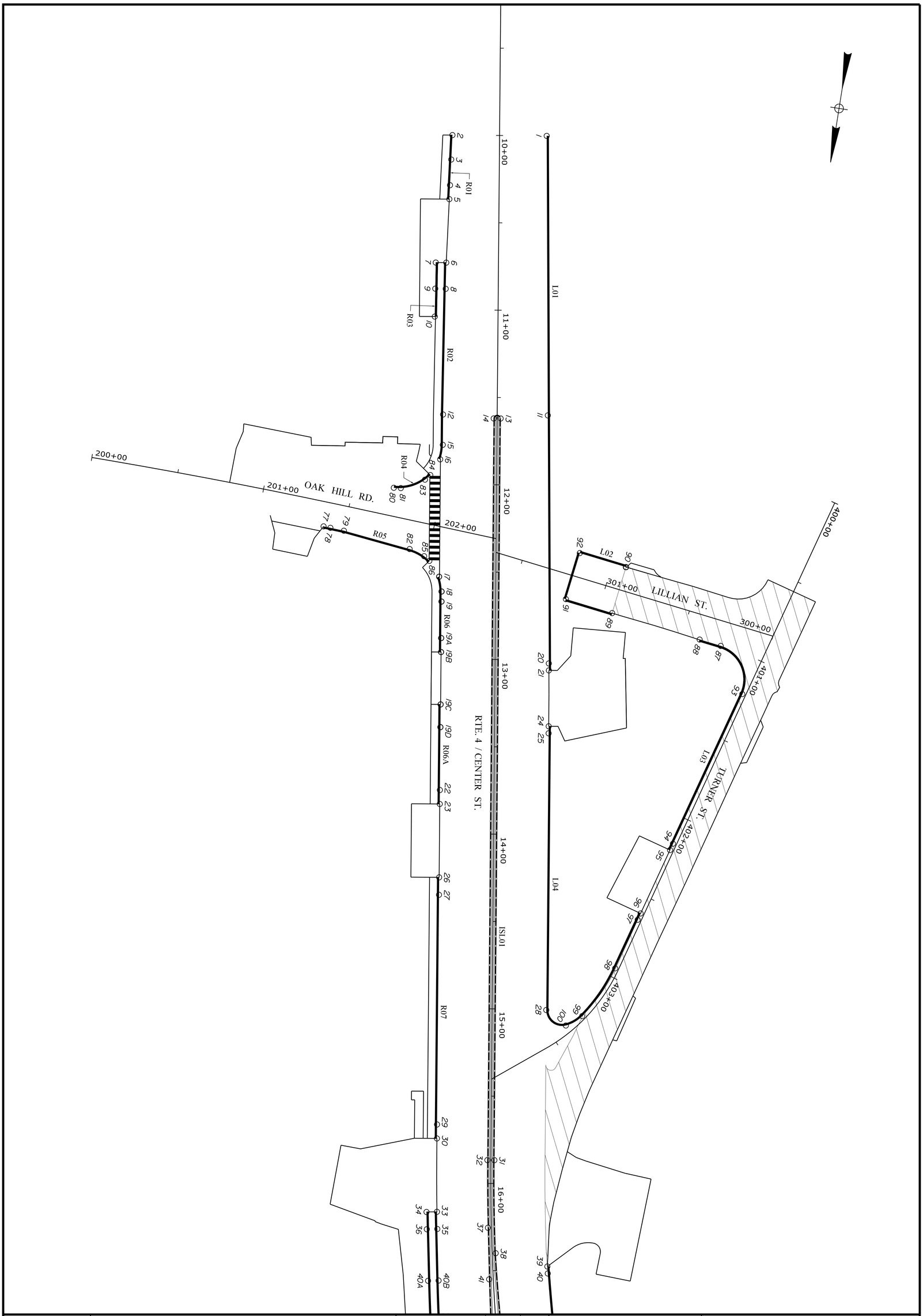
SHEET NUMBER

21

OF 98

Filename: ...\MSTA\021_GradingPlan4.DGN Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021

Filename: ...\MSTA\022_GeometricPlan1.DGN Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021



PROJ. MANAGER RHOBE MOULTON		BY	DATE
DESIGN-DETAILED	C. SULLOWAY		
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

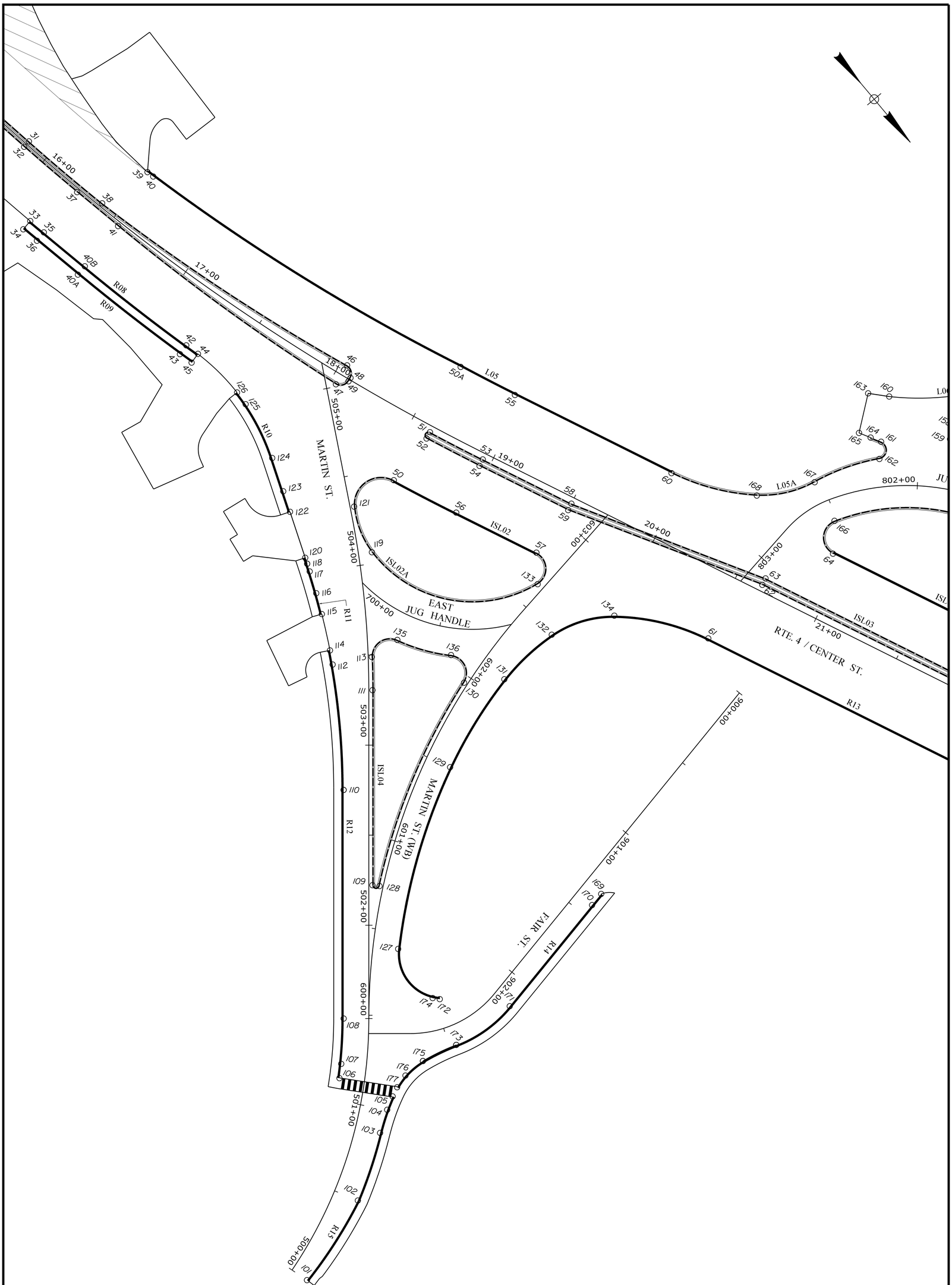
GEOMETRIC PLANS

SHEET NUMBER 22 OF 98

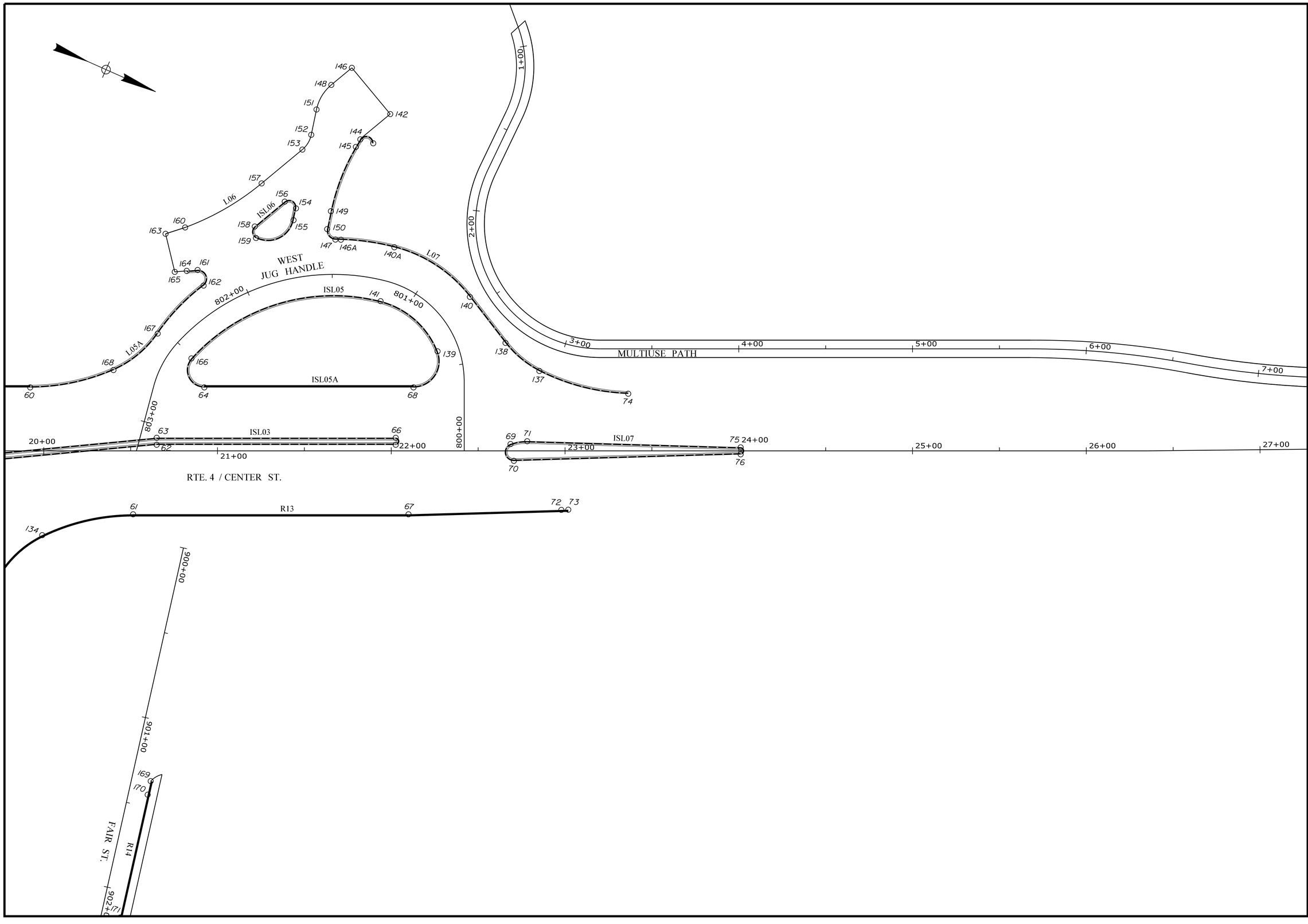
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS



SHEET NUMBER 23 OF 98	AUBURN MARTIN ST./E. JUG HANDLE GEOMETRIC PLANS	PROJ. MANAGER RHOBE MOULTON DESIGN-DETAILED C. SULLOWAY CHECKED-REVIEWED DESIGN2-DETAILED2 DESIGN3-DETAILED3 REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	BY / DATE SIGNATURE P.E. NUMBER DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION WIN 021766.00 HIGHWAY PLANS



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

GEOMETRIC PLANS

SHEET NUMBER

24

OF 98

Filename: ...\MSTA\024_GeometricPlan3.DGN Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR L01				
1	10+00.00	27.00' LT.	1023193.40	476832.27
11	11+60.00	29.00' LT.	1023167.74	476990.21
20	13+02.00	30.78' LT.	1023144.95	477130.38
21	13+06.00	30.83' LT.	1023144.31	477134.33
CONTROL POINTS FOR R01				
2	10+00.00	27.00' RT.	1023246.81	476840.26
3	10+13.99	27.56' RT.	1023245.29	476854.18
4	10+28.69	28.14' RT.	1023243.69	476868.81
5	10+36.69	28.46' RT.	1023242.82	476876.76
CONTROL POINTS FOR R02				
6	10+73.04	29.91' RT.	1023238.87	476912.93
8	10+88.04	30.10' RT.	1023236.84	476927.79
12	11+60.00	31.00' RT.	1023227.08	476999.09
15	11+77.36	31.00' RT.	1023224.51	477016.26
16	11+85.67	32.42' RT.	1023224.68	477024.69
CONTROL POINTS FOR R03				
7	10+73.04	35.91' RT.	1023244.81	476913.82
9	10+87.98	36.08' RT.	1023242.76	476928.62
10	11+03.99	36.23' RT.	1023240.54	476944.47
CONTROL POINTS FOR ISL01				
13	11+62.00	2.00' LT.	1023194.14	476996.18
31	15+86.64	2.00' LT.	1023131.28	477416.15
38	16+40.00	2.00' LT.	1023122.20	477468.63
46	18+03.73	6.09' LT.	1023075.84	477624.99
48	18+08.92	1.11' LT.	1023078.85	477631.52
49	18+08.92	1.09' RT.	1023080.92	477632.25
47	18+03.80	6.10' RT.	1023087.34	477629.04
41	16+54.78	2.37' RT.	1023123.55	477483.99
37	16+25.31	2.00' RT.	1023128.87	477454.95
32	15+86.64	2.00' RT.	1023135.23	477416.74
14	11+62.00	2.00' RT.	1023198.10	476996.78
CONTROL POINTS FOR R04				
84	201+91.64	27.59' LT.	1023228.89	477034.50
83	201+89.24	24.39' LT.	1023231.46	477037.55
81	201+76.73	16.74' LT.	1023244.38	477044.49
80	201+72.77	16.06' LT.	1023248.37	477044.95
CONTROL POINTS FOR L02				
90	300+92.04	13.54' RT.	1023109.94	477068.96
92	301+19.68	13.54' RT.	1023137.32	477065.19
91	301+19.68	14.01' LT.	1023141.07	477092.49
89	300+92.01	14.01' LT.	1023113.66	477096.26
CONTROL POINTS FOR R05				
77	201+38.05	14.00' RT.	1023284.65	477073.07
78	201+42.06	14.00' RT.	1023280.66	477073.27
79	201+50.00	14.00' RT.	1023272.77	477073.70
82	201+89.04	16.31' RT.	1023233.93	477078.18
85	201+98.02	18.56' RT.	1023225.09	477080.93
86	202+01.50	20.52' RT.	1023221.72	477083.08

PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR R06				
17	12+52.89	32.47' RT.	1023214.78	477091.18
18	12+61.34	31.00' RT.	1023212.07	477099.32
19	12+67.09	31.00' RT.	1023211.22	477105.00
19A	12+88.00	31.00' RT.	1023208.13	477125.68
19B	12+96.00	31.00' RT.	1023206.94	477133.59
CONTROL POINTS FOR R06A				
19C	13+26.00	31.00' RT.	1023202.50	477163.26
19D	13+39.00	31.00' RT.	1023200.58	477176.12
22	13+75.00	31.00' RT.	1023195.25	477211.72
23	13+83.00	31.00' RT.	1023194.06	477219.63
CONTROL POINTS FOR L03				
88	300+39.64	14.00' LT.	1023061.78	477103.37
87	300+27.03	14.00' LT.	1023049.28	477105.09
93	401+21.56	2.00' RT.	1023032.77	477130.38
94	402+16.00	2.00' RT.	1023058.61	477221.21
95	402+20.00	2.00' RT.	1023059.70	477225.06
CONTROL POINTS FOR L04				
24	13+38.00	31.00' LT.	1023139.40	477165.95
25	13+42.00	31.00' LT.	1023138.81	477169.91
28	15+00.50	31.00' LT.	1023115.35	477326.66
100	403+39.59	4.35' RT.	1023102.89	477333.59
99	403+28.70	2.00' RT.	1023094.49	477326.81
98	402+94.64	2.00' RT.	1023080.12	477296.85
97	402+64.00	2.00' RT.	1023071.74	477267.39
96	402+60.00	2.00' RT.	1023070.64	477263.54
CONTROL POINTS FOR R07				
26	14+25.00	31.00' RT.	1023187.84	477261.17
27	14+35.00	31.00' RT.	1023186.37	477271.06
29	15+66.49	31.00' RT.	1023166.90	477401.11
30	15+74.49	31.00' RT.	1023165.71	477409.02
CONTROL POINTS FOR R08				
33	16+15.72	31.00' RT.	1023159.13	477450.49
35	16+25.31	31.00' RT.	1023157.40	477460.18
40B	16+54.08	31.35' RT.	1023152.06	477489.22
42	17+23.61	33.09' RT.	1023137.11	477559.08
44	17+31.39	33.28' RT.	1023135.18	477566.84
CONTROL POINTS FOR R09				
34	16+15.72	37.00' RT.	1023165.04	477451.53
36	16+25.31	37.00' RT.	1023163.30	477461.26
40A	16+53.94	37.35' RT.	1023157.96	477490.30
43	17+23.49	39.10' RT.	1023142.94	477560.54
45	17+31.24	39.29' RT.	1023141.00	477568.30
CONTROL POINTS FOR L05				
39	16+48.94	31.27' LT.	1023091.78	477471.53
40	16+53.05	31.33' LT.	1023090.91	477475.43
50A	18+60.00	36.50' LT.	1023028.08	477666.16
55	18+95.01	36.50' LT.	1023015.02	477697.47
60	19+92.18	36.50' LT.	1022976.29	477786.60

PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR R10				
126	505+07.44	49.28' LT.	1023132.33	477597.24
125	505+00.14	45.87' LT.	1023132.87	477605.29
124	504+67.97	37.16' LT.	1023140.76	477637.66
123	504+48.66	34.74' LT.	1023147.95	477655.74
122	504+36.75	33.24' LT.	1023152.39	477666.90
CONTROL POINTS FOR R11				
120	504+08.98	29.56' LT.	1023162.32	477691.86
118	504+05.31	28.98' LT.	1023163.61	477695.11
117	504+00.61	28.22' LT.	1023165.30	477699.29
116	503+87.45	26.14' LT.	1023170.28	477710.88
115	503+74.97	24.23' LT.	1023175.35	477721.75
CONTROL POINTS FOR ISL02				
50	18+57.14	36.50' RT.	1023096.96	477690.52
56	18+95.01	36.50' RT.	1023081.97	477726.57
57	19+44.76	36.50' RT.	1023062.14	477772.20
CONTROL POINTS FOR ISL02A				
50	18+57.14	36.50' RT.	1023096.96	477690.52
121	504+32.71	2.24' RT.	1023123.26	477687.56
119	504+06.26	7.50' RT.	1023131.99	477713.31
133	602+63.88	3.70' LT.	1023072.86	477786.07
57	19+44.76	36.50' RT.	1023062.14	477772.20
CONTROL POINTS FOR ISL03				
51	18+62.09	3.50' RT.	1023064.44	477682.96
53	18+95.01	3.50' RT.	1023051.71	477713.41
58	19+50.00	3.50' RT.	1023029.79	477763.85
63	20+65.00	7.50' LT.	1022973.87	477864.94
66	22+02.56	7.50' LT.	1022919.05	477991.10
65	22+02.56	3.50' LT.	1022922.72	477992.70
62	20+65.00	3.50' LT.	1022977.54	477866.53
59	19+50.00	7.50' RT.	1023033.46	477765.45
54	18+95.01	7.50' RT.	1023055.37	477715.01
52	18+62.09	7.50' RT.	1023068.15	477684.45
CONTROL POINTS FOR R12				
114	503+53.59	21.07' LT.	1023184.84	477740.10
112	503+45.34	19.90' LT.	1023188.77	477747.07
110	502+75.11	14.00' LT.	1023228.84	477804.34
108	501+48.18	13.99' LT.	1023310.41	477901.59
107	501+21.48	14.00' LT.	1023327.62	477920.01
106	501+13.00	14.00' LT.	1023333.47	77925.45
CONTROL POINTS FOR ISL04				
113	503+48.88	2.00' RT.	1023169.38	477757.85
135	700+31.63	15.00' RT.	1023152.45	477759.71
136	700+58.08	15.00' RT.	1023135.01	477785.32
130	601+95.91	2.00' LT.	1023139.34	477801.72
128	600+73.72	2.00' LT.	1023247.85	477858.04
109	502+22.23	2.00' RT.	1023250.57	477855.14
111	503+30.52	2.00' RT.	1023180.97	477772.18

PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR L05A				
60	19+92.18	36.50' LT.	1022976.29	477786.60
168	802+76.77	24.83' RT.	1022948.01	477826.59
167	802+53.30	12.06' RT.	1022918.64	477841.57
162	802+19.36	15.59' RT.	1022882.79	477854.78
161	802+17.70	25.00' RT.	1022875.93	477848.06
164	802+22.24	27.99' RT.	1022878.90	477842.53
CONTROL POINTS FOR R13				
172	902+46.03	16.00' RT.	1023262.60	477927.64
174	902+50.95	17.86' RT.	1023265.24	477924.65
127	600+40.40	14.00' RT.	1023262.38	477891.43
129	601+50.32	14.00' RT.	1023175.40	477832.67
131	602+10.30	15.47' RT.	1023120.98	477814.63
132	602+48.05	20.77' RT.	1023084.90	477812.60
134	602+78.99	39.76' RT.	1023051.49	477826.82
61	20+51.41	36.50' RT.	1023019.64	477870.01
67	22+09.91	36.50' RT.	1022956.47	478015.38
72	22+97.88	33.97' RT.	1022919.10	478095.05
73	23+01.87	33.86' RT.	1022917.40	478098.67
CONTROL POINTS FOR R14				
177	902+76.13	29.84' LT.	1023312.18	477949.91
176	902+71.50	23.34' LT.	1023304.45	477947.90
175	902+63.22	15.58' LT.	1023291.86	477949.98
173	902+46.76	11.00' LT.	1023271.94	477952.98
171	902+15.41	11.00' LT.	1023235.36	477955.62
170	901+43.00	11.00' LT.	1023164.24	477942.00
169	901+35.00	11.00' LT.	1023156.38	477940.50
CONTROL POINTS FOR R15				
105	501+07.47	16.74' RT.	1023317.37	477952.20
104	501+00.11	15.08' RT.	1023324.44	477955.94
103	500+87.46	14.00' RT.	1023335.72	477963.24
102	500+50.00	14.00' RT.	1023369.31	477984.06
101	500+00.00	10.00' RT.	1023419.36	477999.77
CONTROL POINTS FOR L06				
164	802+22.24	27.99' RT.	1022878.90	477842.53
165	802+27.03	31.52' RT.	1022882.17	477836.42
163	802+20.89	52.51' RT.	1022864.18	477822.83
160	802+12.78	49.69' RT.	1022856.34	477831.71
157	801+77.72	57.17' RT.	1022815.56	477861.98
153	801+60.53	72.63' RT.	1022788.35	477875.74
152	801+57.00	80.70' RT.	1022778.53	477877.04
151	801+54.80	95.07' RT.	1022763.98	477874.02
148	801+49.97	109.01' RT.	1022747.60	477876.18
146	801+43.95	119.07' RT.	1022733.87	477883.13
142	801+30.85	94.71' RT.	1022749.47	477913.97
144	801+39.88	78.26' RT.	1022769.70	477904.00
CONTROL POINTS FOR ISL05				
64	20+92.41	36.50' LT.	1022936.35	477878.52
166	802+51.70	11.98' LT.	1022924.00	477865.06
141	801+18.88	12.00' LT.	1022850.41	477951.78
139	800+62.22	11.99' LT.	1022863.80	477993.35
68	22+12.79	36.50' LT.	1022888.37	477988.93

PT.	STATION	OFFSET	X COORD	Y COORD
CONTROL POINTS FOR ISL05A				
64	20+92.41	36.50' LT.	1022936.35	477878.52
68	22+12.79	36.50' LT.	1022888.37	477988.93
CONTROL POINTS FOR ISL06				
158	801+85.18	34.24' RT.	1022839.87	477868.25
156	801+69.98	44.23' RT.	1022819.87	477878.37
154	801+65.65	39.41' RT.	1022820.86	477885.85
155	801+67.47	32.88' RT.	1022827.65	477887.27
159	801+86.19	27.69' RT.	1022845.67	477871.54
CONTROL POINTS FOR L07				
143	801+35.22	76.75' RT.	1022768.79	477911.71
144	801+39.88	78.26' RT.	1022769.70	477904.00
145	801+41.26	73.78' RT.	1022774.67	477903.37
149	801+50.44	36.38' RT.	1022814.31	477904.92
150	801+52.28	26.09' RT.	1022824.64	477907.07
147	801+48.33	20.03' RT.	1022828.26	477913.81
146A	801+45.60	20.00' RT.	1022827.09	477916.77
140A	801+18.86	20.00' RT.	1022818.81	477946.71
140	800+79.13	20.00' RT.	1022827.67	477997.96
138	800+55.36	26.72' RT.	1022843.78	478027.29
137	800+43.29	43.43' RT.	1022850.84	478051.60
74	23+36.37	32.86' LT.	1022842.46	478103.72
CONTROL POINTS FOR ISL07				
69	22+68.63	3.91' LT.	1022896.00	478053.13
70	22+70.55	5.76' RT.	1022904.11	478058.75
76	24+01.08	2.00' RT.	1022848.64	478176.96
75	24+01.08	2.00' LT.	1022844.97	478175.37
71	22+78.23	5.54' LT.	1022890.69	478061.29

LEGEND
STA. 10+00 to 35+35 = RTE. 4
STA. 200+65.66 to 200+36.20 = OAK HILL RD.
STA. 300+00.00 to 301+65.71 = LILIAN ST.
STA. 400+56 to 403+92.58 = TURNER ST.
STA. 500+00.00 to 505+14.55 = MARTIN ST.
STA. 600+00.00 to 603+18.55 = MARTIN ST. (WB)
STA. 700+00 to 700+90.08 = EAST JUG HANDLE
STA. 800+00.00 to 803+17.42 = WEST JUG HANDLE
STA. 901+29.86 to 902+91.38 = FAIR ST.

Filename: ...\MSTA\025_GeometricPlan4.DGN Username: Clark.E.Sullaway Date:12/8/2021 Division: HIGHWAY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED	SIGNATURE	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3	P.E. NUMBER	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3	DATE	
REVISIONS 4		
FIELD CHANGES		

AUBURN
ROUTE 4

GEOMETRIC PLANS

SHEET NUMBER

25

OF 98

ITEM 609.19 CONCRETE SLIPFORM CURB - TERMINAL END ITEM 609.21 CONCRETE SLIPFORM CURB							
PT. - PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD	TERMINAL END
TANGENT DATA FOR L01							
1 - 11		160.01'		LT.			
11 - 20		142.01'		LT.			
20 - 21		4.00'		LT.			X
TANGENT DATA FOR R01							
2 - 3		14.00'		RT.			X
3 - 4		14.71'		RT.			
4 - 5		8.00'		RT.			X
TANGENT , CURVE & CENTER POINT DATA FOR R02							
6 - 8		15.00'		RT.			X
8 - 12		71.96'		RT.			
12 - 15		17.36'		RT.			
15 - 16	25.00'	8.47'	11+77.36	56.00' RT.	1023249.23	477019.97	X
TANGENT DATA FOR R03							
7 - 9		15.00'		RT.			X
9 - 10		16.00'		RT.			
CURVE & CENTER POINT DATA FOR R04							
84 - 83	25.00'	4.00'	201+70.51	40.96' LT.	1023249.23	477019.97	X
83 - 81	25.00'	14.88'	201+70.51	40.96' LT.	1023249.23	477019.97	
81 - 80	25.00'	4.00'	201+70.51	40.96' LT.	1023249.23	477019.97	X
TANGENT , CURVE & CENTER POINT DATA FOR R05							
77 - 78		4.00'		RT.			X
78 - 79		7.90'		RT.			
79 - 82		39.09'		RT.			
82 - 85	25.00'	9.31'	207+87.56	41.27' RT.	1023236.80	477103.02	
85 - 86	25.00'	4.00'	207+87.56	41.27' RT.	1023236.80	477103.02	X
TANGENT DATA FOR L02							
90 - 92		27.64'		LT.			
92 - 91		27.55'		LT.			
91 - 89		27.67'		LT.			
TANGENT , CURVE & CENTER POINT DATA FOR R06							
17 - 18	25.00'	8.62'	12+61.34	56.00' RT.	1023236.80	477103.02	X
18 - 19		5.75'		RT.			X
19 - 19A		20.91'		RT.			
19A - 19B		8.00'		RT.			X
TANGENT , CURVE & CENTER POINT DATA FOR R06A							
19C-19D		13.00'		RT.			X
19E - 22		36.00'		RT.			
22 - 23		8.00'		RT.			X
TANGENT , CURVE & CENTER POINT DATA FOR L03							
88 - 87		12.61'		LT.			
87 - 93	20.00'	34.23'	401+21.56	22.00 ' RT.	1023052.01	477124.91	
93 - 94		94.44'		RT.			
94 - 95		4.00'		RT.			X

ITEM 609.19 CONCRETE SLIPFORM CURB - TERMINAL END ITEM 609.21 CONCRETE SLIPFORM CURB							
PT. - PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD	TERMINAL END
TANGENT , CURVE & CENTER POINT DATA FOR L04							
24 - 25		4.00'		LT.			X
25 - 28		158.43'		LT.			
28 - 100	9.00'	16.53'	15+00.50	40.00' LT.	1023106.45	477325.33	
100 - 99	20.00'	10.93'	403+28.70	22.00 ' RT.	1023110.80	477315.22	
99 - 98	98.00'	33.38'	403+11.67	100.00' RT.	1023174.38	477270.04	
98 - 97		30.64'		RT.			
97 - 96		4.00'		RT.			X
TANGENT DATA FOR R07							
26 - 27		10.00'		RT.			X
27 - 29		131.49'		RT.			
29 - 30		8.00'		RT.			X
TANGENT , CURVE & CENTER POINT DATA FOR R08							
33 - 35	1211.00'	9.84'	16+20.52	1180.00' LT.	1021966.26	477241.75	X
35 - 40B		29.53'		RT.			
40B - 42	1211.73'	71.45'	19+23.94	1174.03' LT.	1021960.21	477270.66	
42 - 44		8.00'		RT.			X
TANGENT , CURVE & CENTER POINT DATA FOR R09							
34 - 36	1217.00'	9.89'	18+95.01	1180.00' LT.	1021966.26	477241.75	X
36 - 40A		29.53'		RT.			
40A - 43	1217.73'	71.83'	19+23.94	11174.03' LT.	1021966.26	477241.75	
43 - 45		8.00'		RT.			X
TANGENT , CURVE & CENTER POINT DATA FOR L05							
39 - 40	1146.62'	4.00'	15+57.41	1175.93' LT.	1021974.61	477213.44	X
40 - 50A	1146.62'	201.07'	15+58.41	1175.93' LT.	1021974.61	477213.44	
50A - 55	1143.50'	33.93'	18+77.49	1180.00' LT.	1021966.26	477241.75	
55 - 60		97.18'		LT.			
TANGENT , CURVE & CENTER POINT DATA FOR R10							
126 - 125	120.00'	8.00'	504+53.01	156.23' LT.	1023252.27	477593.31	X
125 - 124	120.00'	33.44'	504+53.01	156.23' LT.	1023252.27	477593.31	
124 - 123		19.46'		LT.			
123 - 122		12.00'		LT.			X
TANGENT , CURVE & CENTER POINT DATA FOR R11							
120 - 118		3.50'		LT.			X
118 - 117	400.00'	4.50'	502+75.08	414.00' LT.	1023535.29	477547.27	X
117 - 116	400.00'	12.62'	502+75.08	414.00' LT.	1023535.29	477547.27	
116 - 115	400.00'	12.00'	502+75.08	414.00' LT.	1023535.29	477547.27	X

ITEM 609.19 CONCRETE SLIPFORM CURB - TERMINAL END ITEM 609.21 CONCRETE SLIPFORM CURB							
PT. - PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD	TERMINAL END
TANGENT , CURVE & CENTER POINT DATA FOR R14							
177 - 176	40.00'	8.00'	902+54.01	53.04' LT.	1023298.30	477987.47	X
176 - 175	40.00'	12.65'	902+54.01	53.04' LT.	1023298.30	477987.47	
175 - 173	120.00'	20.57'	902+46.76	131.00' LT.	1023311.19	478066.38	
173 - 171	71.00'	37.09'	902+31.09	60.00' RT.	1023248.71	477885.89	
171 - 170		72.41'		LT.			
170 - 169		8.00'		LT.			X
TANGENT , CURVE & CENTER POINT DATA FOR R15							
101 - 102	261.36'	52.53'	501+65.08	239.34' LT.	1023472.20	477743.80	
102 - 103	264.00'	39.55'	500+68.73	250.00' LT.	1023491.22	477749.90	
103 - 104	120.00'	13.46'	500+87.53	134.57' RT.	1023264.61	478060.62	
104 - 105	120.00'	8.19'	500+87.53	134.57' RT.	1023264.61	478060.62	X
TANGENT DATA FOR ISL05A							
64 - 68		120.38'		LT.			
TANGENT , CURVE & CENTER POINT DATA FOR ISL02							
50 - 56	1216.50'	39.04'	18+76.07	1180.00' LT.	1021966.26	477241.75	
56 - 57		49.75'		RT.			
TANGENT , CURVE & CENTER POINT DATA FOR R12							
114 - 112	400.00'	8.00'	502+75.08	414.00' LT.	1023535.29	477547.27	X
112 - 110	400.00'	69.99'	502+75.08	414.00' LT.	1023535.29	477547.27	
110 - 108		126.93'		LT.			
108 - 107	236.00'	25.21'	501+34.70	250' LT.	1023491.22	477749.90	
107 - 106	236.00'	8.00'	501+16.94	250' LT.	1023491.22	477749.90	X
TANGENT , CURVE & CENTER POINT DATA FOR R13							
172 - 174	25.00'	4.00'	902+18.08	36.0' RT.	1023245.25	477909.64	X
174 - 127	25.00'	36.51'	600+40.40	39.0' RT.	1023245.25	477909.64	
127 - 129	328.00'	105.43'	600+95.36	342' RT.	1023037.65	478130.34	
129 - 131	254.27'	57.46'	601+50.00	268.27' RT.	1023068.68	478063.45	
131 - 132	120.00'	36.27'	602+00.20	135.23' RT.	1023096.29	477932.06	
132 - 134	60.00'	36.88'	602+29.33	78.61' RT.	1023090.60	477872.33	
134 - 61	120.00'	54.42'	20+51.41	156.50' RT.	1023129.70	477917.84	
61 - 67		158.59'		RT.			
67 - 72		87.91'		RT.			
72 - 73		4.00'		RT.			X

LEGEND
STA. 10+00 to 35+35 = RTE. 4
STA. 200+65.66 to 200+36.20 = OAK HILL RD.
STA. 300+00.00 to 301+65.71 = LILIAN ST.
STA. 400+56 to 403+92.58 = TURNER ST.
STA. 500+00.00 to 505+14.55 = MARTIN ST.
STA. 600+00.00 to 603+18.55 = MARTIN ST. (WB)
STA. 700+00 to 700+90.08 = EAST JUG HANDLE
STA. 800+00.00 to 803+17.42 = WEST JUG HANDLE
STA. 901+29.86 to 902+91.38 = FAIR ST.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

GEOMETRIC PLANS

SHEET NUMBER

26

OF 98

Filename: ...\MSTA\026_GeometricPlan5.DGN Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021

ITEM 609.34 CURB TYPE 5 ITEM 609.34 CURB TYPE 5 - CIRCULAR							
PT. - PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD	CIRCULAR
TANGENT , CURVE & CENTER POINT DATA FOR ISL01							
13 - 31		424.64'		LT.			
31 - 38	1178.00'	53.27'	16+13.32	1180.00' LT.	1021966.26	477241.75	
38 - 46	1175.62'	163.22'	15+57.41	1175.93' LT.	1021974.61	477213.44	
46 - 48	5.00'	8.02'	18+03.92	1.10' LT.	1023080.51	477626.80	X
48 - 49		2.19'		LT. & RT.			
49 - 47	5.00'	8.00'	18+03.93	1.10' RT.	1023082.57	477627.53	X
47 - 41	1182.73'	149.60'	19+23.94	1174.03' LT.	1021960.21	477270.66	
41 - 37		29.53'		RT.			
32 - 37	1182.00'	38.74'	16+05.97	1180.00' LT.	1021966.26	477241.75	
32 - 14		424.64'		RT.			
14 - 13	2.00'	6.28'	11+62.00		1023196.12	476996.48	X
TANGENT , CURVE & CENTER POINT DATA FOR ISL02A							
50 - 121	15.00'	32.42'	18+57.14	51.5' RT.	1023110.90	477696.05	X
121 - 119	50.00'	27.66'	504+27.79	52.00' RT.	1023082.05	477715.88	
119 - 133	70.00'	102.72'	700+52.04	85.00' LT.	1023062.08	477716.90	
133 - 57	10.00'	21.35'	19+44.76	16.5' RT.	1023071.32	477776.18	X
TANGENT , CURVE & CENTER POINT DATA FOR ISL03							
51 - 53	1183.50'	33.01'	18+78.55	1180.00' LT.	1021966.26	477241.75	
53 - 58		54.99'		RT.			
58 - 63		115.52'		RT & LT.			
63 - 66		137.56'		LT.			
66 - 65	2.00'	6.28'	22+02.56	5.50' LT.	1022920.88	477991.90	X
65 - 62		137.56'		LT.			
62 - 59		115.52'		RT. & LT.			
59 - 54		54.99'		RT.			
54 - 52	1187.50'	33.13'	18+78.55	1180.00' LT.	1021966.26	477241.75	
52 - 51	2.00'	6.29'	18+62.09	5.50' RT.	1023066.29	477683.70	X
TANGENT , CURVE & CENTER POINT DATA FOR ISL04							
113 - 135	10.00'	20.38'	503+48.88	12.0' RT.	1023161.49	477763.99	X
135 - 136	100.00'	31.12'	700+44.86	85.00' LT.	1023062.08	477716.90	
136 - 130	10.00'	20.24'	601+95.91	12.00' LT.	1023142.30	477792.16	X
130 - 128	344.00'	122.91'	601+34.81	342.00' RT.	1023037.65	478130.34	
128 - 109	2.00'	5.80'	502+22.23	4.00' RT.	1023249.04	477856.43	X
109 - 111		108.29'		RT.			
111 - 113	502.00'	18.43'	503+39.70	500.00' LT.	1023565.54	477449.53	

ITEM 609.34 CURB TYPE 5 ITEM 609.34 CURB TYPE 5 - CIRCULAR							
TANGENT , CURVE & CENTER POINT DATA FOR L05A							
60 - 168	120.00'	49.33'	19+92.18	120.00' LT.	1022866.23	477738.77	
168 - 167	60.00'	33.40'	802+55.59	71.94' RT.	1022907.12	477782.68	
167 - 162	120.00'	38.37'	801+63.26	102.00' LT.	1022941.68	477959.34	
162 - 161	5.00'	12.88'	802+19.67	20.58' RT.	1022880.34	77850.42	X
161 - 164		6.28'		RT.			
TANGENT , CURVE & CENTER POINT DATA FOR ISL05							
64 - 166	10.00'	23.04'	20+92.41	46.50' LT.	1022927.18	477874.54	X
166 - 141	110.00'	119.53'	801+85.17	122.00' LT.	1022959.00	477969.34	
141 - 139	48.00'	45.33'	800+90.55	60.00' LT.	1022897.84	477959.44	
139 - 68	15.00'	29.49'	22+12.79	51.50' LT.	1022874.61	477982.95	X
TANGENT , CURVE & CENTER POINT DATA FOR ISL06							
158 - 156		22.42'		RT.			
156 - 154	4.00'	9.87'	801+68.48	40.78' RT.	1022821.67	477881.94	X
154 - 155		6.94'		RT.			
155 - 159	15.00'	27.68'	801+78.17	38.69' RT.	1022830.70	477872.58	X
159 - 158	4.00'	7.88'	801+83.94	30.56' RT.	1022841.68	477871.82	X
TANGENT , CURVE & CENTER POINT DATA FOR L07							
143 - 144	4.00'	10.61'	801+37.67	76.52' RT.	1022770.20	477907.97	X
144 - 145		5.01'		RT.			
145 - 149	120.00'	39.86'	800+77.58	64.94' RT.	1022789.87	478022.40	
149 - 150		10.58'					
150 - 147	5.00'	8.72'	801+48.24	25.03' RT.	1022823.62	477911.96	X
147 - 146A		3.08'		RT.			
146A - 140A	142.00'	31.13'	801+32.23	122' LT.	1022959.00	477969.34	
140A - 140	80.00'	52.98'	800+98.99	RT.	1022897.84	477959.44	
140 - 138		33.47'		RT.			
138 - 137	58.00'	25.51'	800+64.85	82.0' RT.	1022792.95	478055.22	
137 - 74	120.00'	53.23'	23+39.83	152.81' LT.	1022731.07	478059.09	
TANGENT , CURVE & CENTER POINT DATA FOR ISL07							
69 - 71	25.00'	10.30'	22+77.52	19.45' RT.	1022913.90	478070.59	
71 - 75		122.90'		LT.			
75 - 76	2.00'	6.17'	24+01.02		1022846.83	478176.11	X
76 - 70		130.58'		RT.			
70 - 69	5.00'	14.04'	22+70.41	0.76' RT.	1022899.58	478056.62	X

PT. - PT.	RADIUS	LENGTH	STATION	OFFSET	X COORD	Y COORD
TANGENT , CURVE & CENTER POINT DATA FOR L06						
164 - 165		6.93'		RT.		
165 - 163		22.54'		RT.		
163 - 160		11.85'		RT.		
160 - 157	150.00'	51.04'	802+03.24	198.57' RT.	1022747.85	477728.13
157 - 153		30.49'		RT.		
153 - 152	15.00'	10.10'	801+65.53	82.17' RT.	1022781.58	477862.36
152 - 151		14.86'		RT.		
151 - 148	25.00'	16.84'	801+40.84	90.28' RT.	1022758.89	477898.49
148 - 146		15.39'		RT.		
146 - 142		34.57'		RT.		
142 - 144		21.21'		RT.		

LEGEND
STA. 10+00 to 35+35 = RTE. 4
STA. 200+65.66 to 200+36.20 = OAK HILL RD.
STA. 300+00.00 to 301+65.71 = LILIAN ST.
STA. 400+56 to 403+92.58 = TURNER ST.
STA. 500+00.00 to 505+14.55 = MARTIN ST.
STA. 600+00.00 to 603+18.55 = MARTIN ST. (WB)
STA. 700+00 to 700+90.08 = EAST JUG HANDLE
STA. 800+00.00 to 803+17.42 = WEST JUG HANDLE
STA. 901+29.86 to 902+91.38 = FAIR ST.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

GEOMETRIC PLANS

SHEET NUMBER

27

OF 98

Filename: ...\MSTA\027_GeometricPlan6.DGN Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021

Filename: ...\HIGHWAY\MSTA\028_HDPLAN1.DGN Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

1150 CENTER ST. AUBURN MAINE LLC

STEPHEN E. BUCHANAN
CRYSTAL AL BUCHANAN,
TRUSTEES UNDER THE BUCHANAN TRUST

STA. 12+38.71 RTE. 4 =
STA. 301+65.71 LILLIAN ST.

STA. 12+30.80 RTE. 4 =
STA. 202+36.20 OAK HILL RD.

STA. 10+50.00 BEGIN
PROJ. NO 2176600

STA. 10+00.00
LIMIT OF WORK

LILLIAN ST.

S 82°03'33.63" E

301+00

TURNER ST.

S 75°52'39.47" E

402+00

403+00

PC STA. 15+86.64

SIGN TO BE REMOVED BY OTHERS

ACCESS EASEMENT

LOAM & SEED

CORG, LLC

REMOVE

12"X59' CPT. VII

CB#2

5.0'

18"X195' UD

6"X197' UD

STA. 402+94.64

12"X11' CPT. III

CB#3

19

S 15°29'10.65" E

18"X56" RCP

PT STA. 403+56.19

CB#4

6"X299' UD

6"X253' UD

10+00

11+00

12+00

13+00

14+00

15+00

16+00

3.0'

12.0'

11.0'

14.0'

15.0'

N 8°30'49.35" W

RTE. 4 / CENTER ST.

202+00

REMOVE

CB#1

15"X66" RCP

PLUG ABANDONED PIPE
AND FILL WITH FLOWABLE FILL

6"X522' UD

10.0'

SIGN TO BE REMOVED BY OTHERS

SIGN TO BE REMOVED BY OTHERS

STA. 15+40.27 RTE. 4 =
STA. 403+92.58 TURNER ST.

CORG, LLC

CORG, LLC

EVANGELINE
SMITH

N 86°48'14.80" W

PT STA. 201+52.48

OAK HILL RD.

P1= 200+76.25
D = 1°43'39.7"
Δ = 2°38'04.0" RT.
R = 3316.31'
L = 152.48'
T = 76.25'
E = 0.88'

201+00

OAK HILL RD.

DANA F. TURNER
1225 CENTER STREET LLC
(LAND INSTALLMENT CONTR.

GARY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

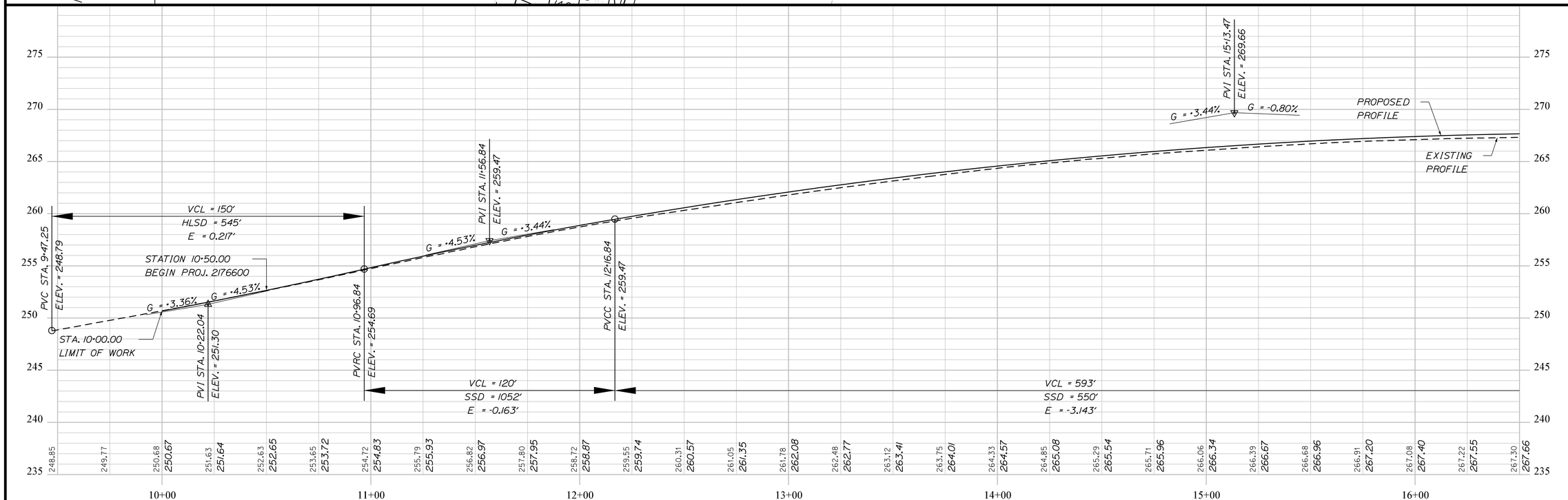
HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE



AUBURN
ROUTE 4

PLANS

SHEET NUMBER

28

OF 98

Filename: ...\HIGHWAY\MSTA\029_HDPLAN2.DGN Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

GARY R. ASSELIN
RTE. 4
PI= 17+41.71
D = 4°51'20.1"
Δ = 14°58'23.0" LT.
R = 1180.00'
L = 308.37'
T = 155.07'
E = 10.15'

SIGN TO BE REMOVED BY OTHERS

GATE TO BE RELOCATED BY OTHERS

GATE TO BE RELOCATED BY OTHERS

STA. 17+90.86 RTE. 4 =
STA. 505+14.55 MARTIN ST.

REMOVE (10)

PT STA. 18+95.01

REMOVE (10)

LOAM & SEED

REMOVE (7)

LOAM & SEED

REMOVE ALL WOOD POSTS BETWEEN EXISTING DRIVES

STA. 20+53.34 RTE. 4 =
STA. 803+17.42 WEST JUG HANDLE

JUG HANDLE

6"X165' UD

GRADE ISLAND TO DRAIN TO ROADWAY

REMOVE

REMOVE WOOD POST (23)

REMOVE (4)

REMOVE (5)

POC STA. 801+18.88

PCC STA. 802+49.51

PT STA. 802+78.82

CB#8

CB#11

18"X97' OPT. III

18"X33' OPT. III

PC STA. 800+39.61

6"X338' UD

REMOVE

12"X196' UD

CB#10

6"X293' UD

N 87°30'47.62" E

803+00

N 66°30'41.62" W

800+00

17+00

18+00

19+00

20+00

21+00

22+00

23+00

RTE. 4 / CENTER ST.

CB#6

18"X14' RCP

CB#5

505+00

S 28°50'59.48" W

REMOVE

CB#7

603+00

REMOVE

18"X70' RCP

CB#9

6"X98' UD

18"X244' UD

REMOVE

18"X15' RCP

CB#12

18"X48' OPT. III

S 81°30'47.62" E

STA. 19+70.94 RTE. 4 =
STA. 603+18.55 MARTIN ST. (WB)

PT STA. 602+47.89

CB#13

JUG HANDLE

REMOVE

6"X80' UD

602+00

STA. 602+37.52 MARTIN ST. (WB) =
STA. 700+90.08 EAST JUG HANDLE

LOAM & SEED

600+00

STA. 22+42.00 RTE. 4 =
STA. 800+00.00 WEST JUG HANDLE

RICHARD H. TOWLE

STA. 900+18.56, LIMIT OF PAVEMENT REMOVAL

N 79°09'34.22" E

901+00

AUBURN WATER DISTRICT
(PER CITY TAX RECORDS)

MARTIN ST. (WB)

PI= 601+25.31
D = 41°31'00"
Δ = 16°45'00" RT.
R = 342.00'
L = 247.80'
T = 129.67'
E = 23.76'

EAST JUG HANDLE

PI= 700+49.79
D = 67°24'24.5"
Δ = 60°43'01.0" LT.
R = 85.00'
L = 90.08'
T = 49.79'
E = 13.51'

PT STA. 504+27.79

SHERRAIN A. DAVIDSON

503+30.52

503+00

GRADE DRAIN

18"X

12.0'

11.0'

11.0'

REET LLC
ENT CONTRACT)

MULTIUSE PAT

PT STA 3+20.57

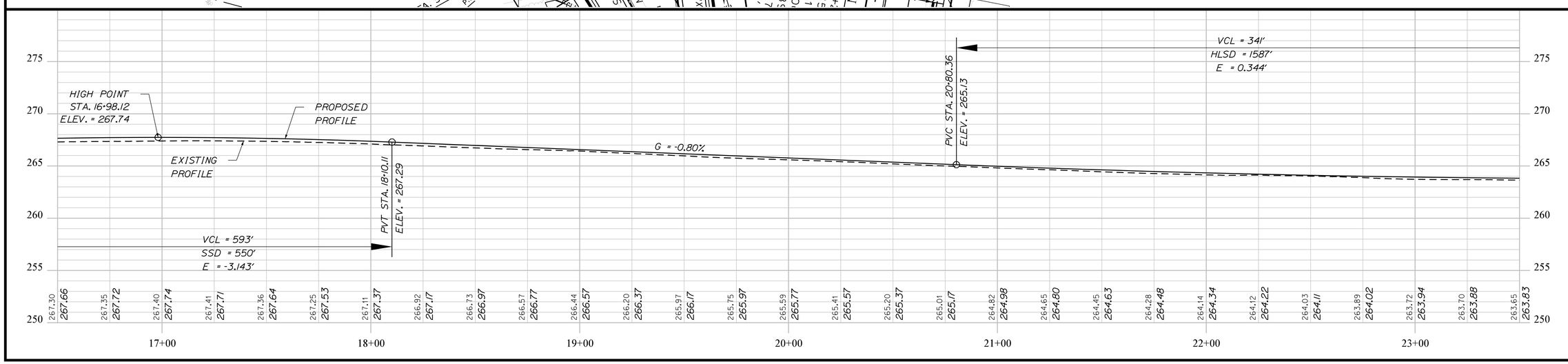
1+75.31

2+00

3+00

LOAM

REMOVE



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

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

BY | DATE | SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

PLANS

SHEET NUMBER
29
OF 98

LAKE AUBURN WATERSHED
PROTECTION COMMISSION
(PER CITY TAX RECORDS)

LAKE AUBURN

RTE. 4
PI= 6+13.75
D = 11°27'33.0"
Δ = 10°30'11.1" RT.
R = 500.00'
L = 91.66'
T = 45.96'
E = 2.11'

RTE. 4
PI= 7+02.84
D = 11°27'33.0"
Δ = 9°55'03.6" LT.
R = 500.00'
L = 86.55'
T = 43.38'
E = 1.88'

LAKE AUBURN

MULTIUSE PATH
PI= 10+72.48
D = 0°46'03.6"
Δ = 1°10'35.2" LT.
R = 7,463.50'
L = 153.25'
T = 76.63'
E = 0.39'

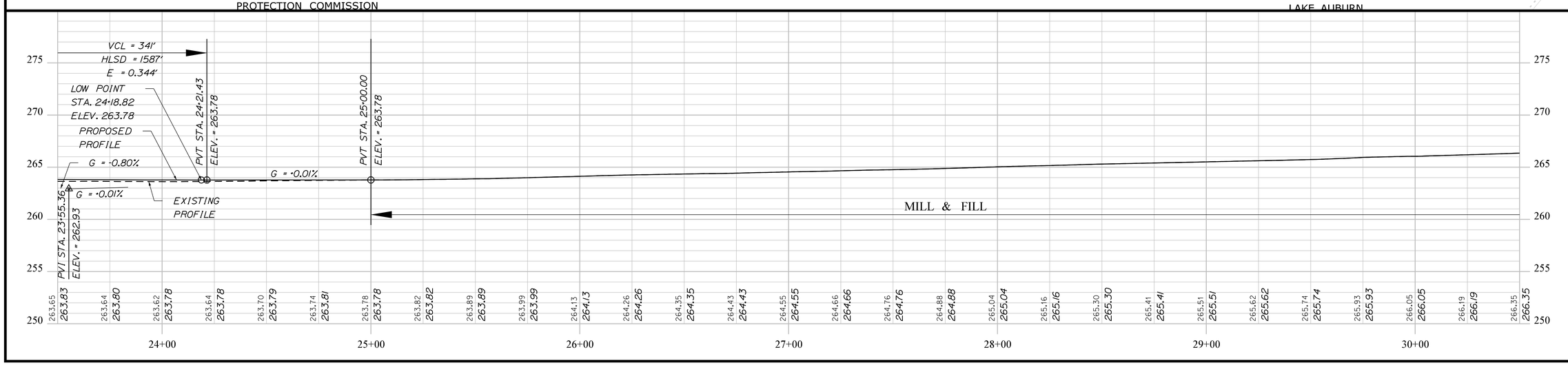
RTE. 4
PI= 30+81.50
D = 0°45'50.2"
Δ = 1°19'06.5"
R = 7,500.00'
L = 172.59'
T = 86.30'
E = 0.50'

EDGE OF WATER AS SHOWN IS BASED ON TRACING THE 2013 AERIAL PHOTO AND IS APPROXIMATE ONLY

REMOVE
PUBLIC WATER SUPPLY
LOAM & SEED
MULTIUSE PATH
N 23°29'12.38" W
REMOVE
PC STA. 5+67.80
AP STA. 26+35.00
Δ 0°34'37.0" LT.
PRC STA. 5+59.45
PT STA. 7+46.00
5.0'
DO NOT DISTURB
EXISTING GUARDRAIL
LEAVE 5' GAP IN
CHAIN LINK FENCE
AT STA. 29+50, LT.
AP STA. 9+59.74
1°09'44.5" LT.
PC STA. 29+95.20 RTE. 4 =
PC STA. 9+95.85 MUTIUSE PATH
REMOVE LA
INCLUDING
END TREAT
WITH TERM.
N 22°54'04.90" W
N 24°03'49.35" W
RTE. 4 / CENTER ST.
4+00
5+00
6+00
7+00
8+00
9+00
10+00
24+00
25+00
26+00
27+00
28+00
29+00
30+00
N 24°03'49.35" W
JOINT NETT 64 6 56
JOINT NETT 65 57 7
JOINT 8 58 66
STEEL
EDGE OF WATER AS SHOWN IS BASED ON TRACING THE 2013 AERIAL PHOTO AND IS APPROXIMATE ONLY
EDGE OF WATER AS SHOWN IS BASED ON TRACING THE 2013 AERIAL PHOTO AND IS APPROXIMATE ONLY
HANDLE

LAKE AUBURN WATERSHED
PROTECTION COMMISSION

LAKE AUBURN



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

PLANS

SHEET NUMBER
30
OF 98

Filename: ...\HIGHWAY\MSTA\030_HDPLAN3.DGN Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

Filename: ...\HIGHWAY\MSTA\031_HDPLAN4.DGN Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

TIUSE PATH

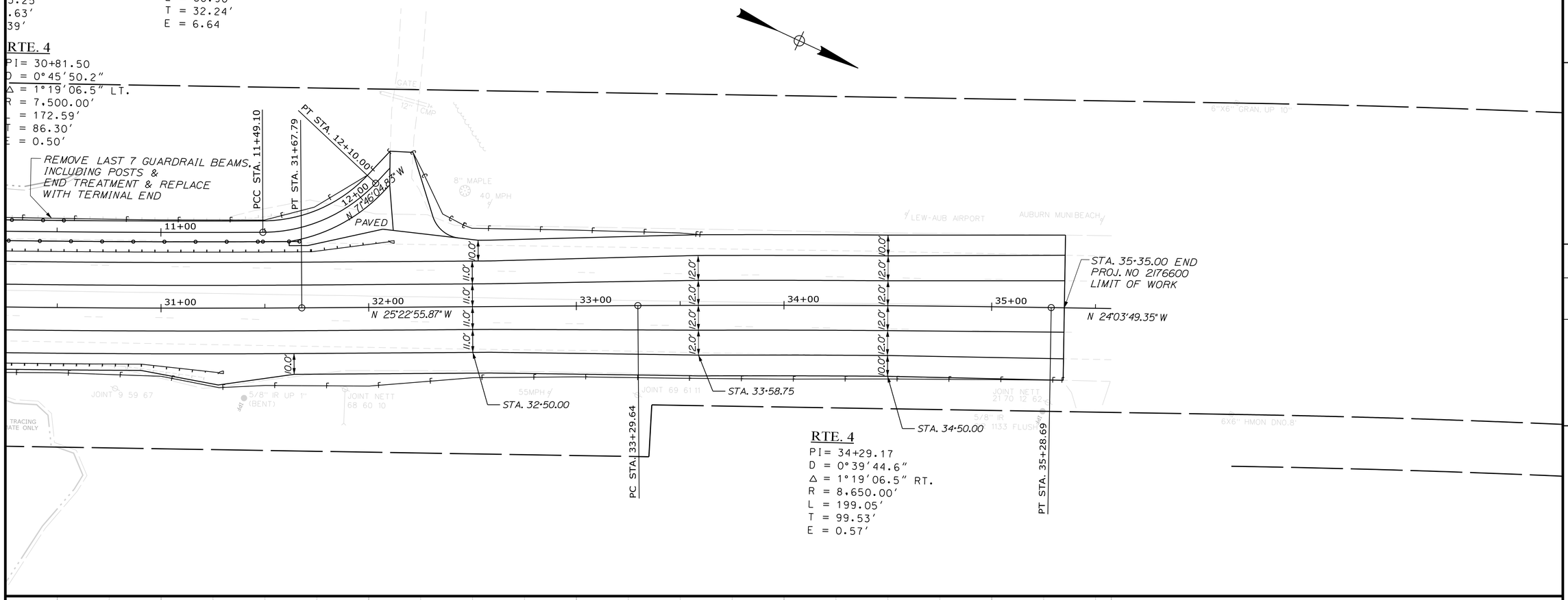
)+72.48
46'03.6"
10'35.2" LT.
463.50'
3.25'
.63'
39'

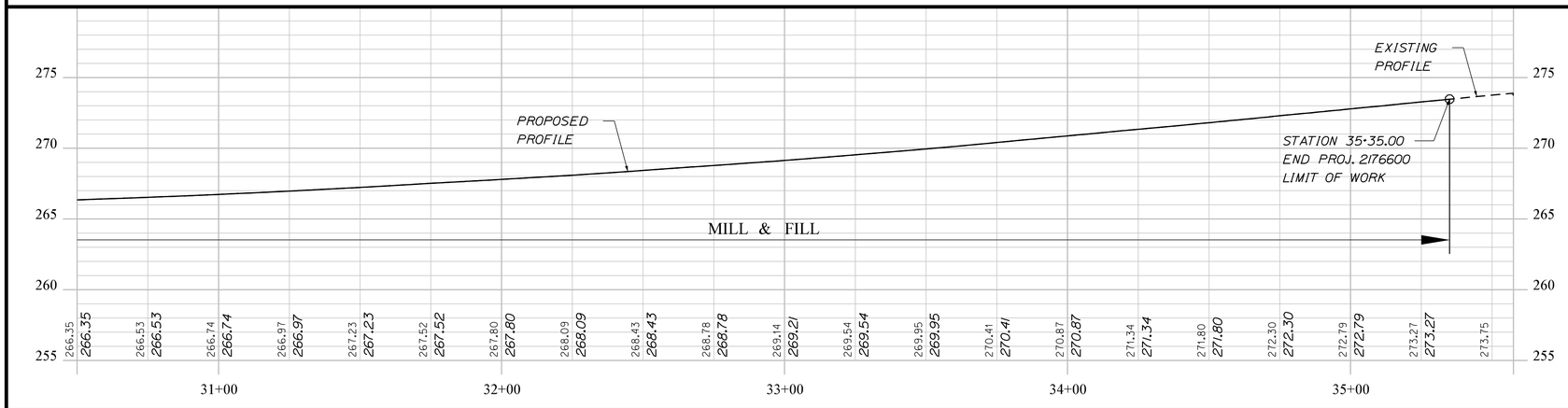
RTE. 4

PI= 30+81.50
D = 0°45'50.2"
Δ = 1°19'06.5" LT.
R = 7,500.00'
L = 172.59'
T = 86.30'
E = 0.50'

MULTIUSE PATH

PI= 11+81.34
D = 76°23'39.7"
Δ = 46°31'40.3" LT.
R = 75.00'
L = 60.90'
T = 32.24'
E = 6.64





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

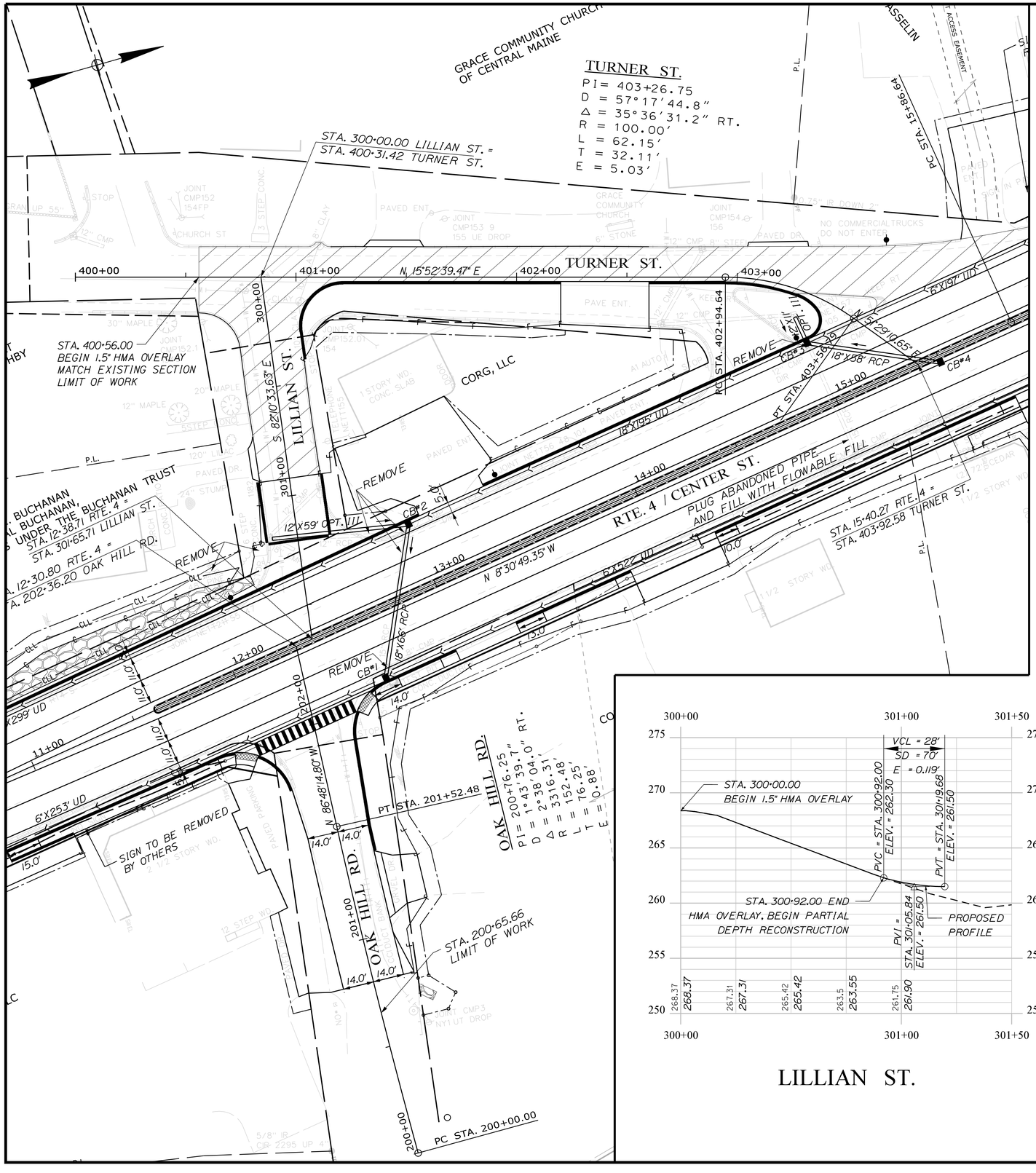
PLANS

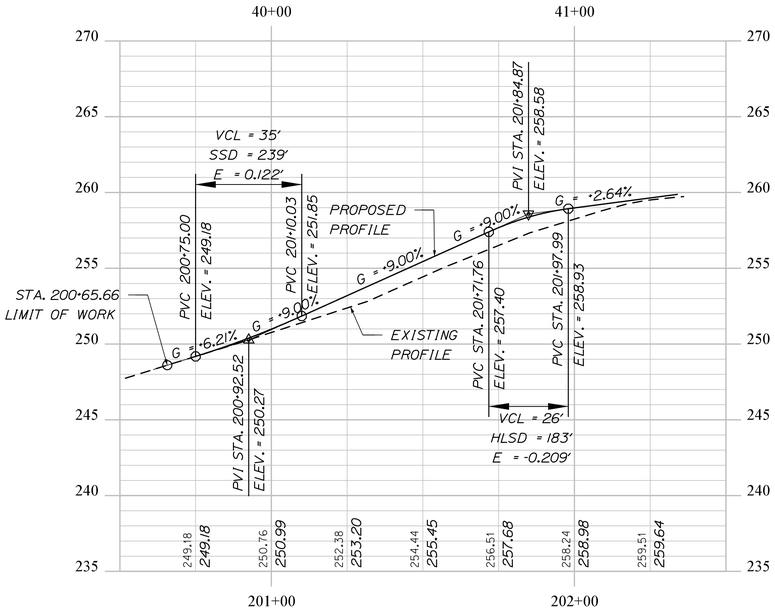
SHEET NUMBER

31

OF 98

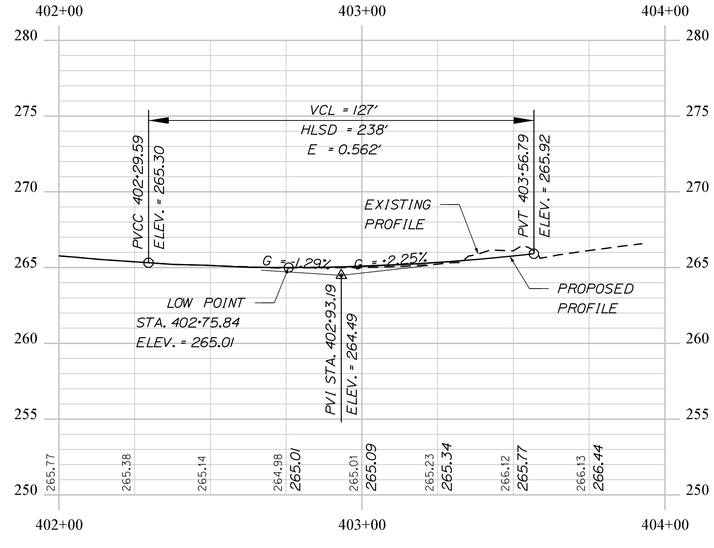
Filename: ...\032_HDPLAN_OakHillLillianTurner.DGN Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021





OAK HILL RD.

LILLIAN ST.



TURNER ST.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN 021766.00

HIGHWAY PLANS

		DATE
PROJ. MANAGER	RHOBE MOULTON	
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED	-----	
DESIGN2-DETAILED2	-----	
DESIGN3-DETAILED3	-----	
REVISIONS 1	-----	
REVISIONS 2	-----	
REVISIONS 3	-----	
REVISIONS 4	-----	
FIELD CHANGES	-----	

SIGNATURE

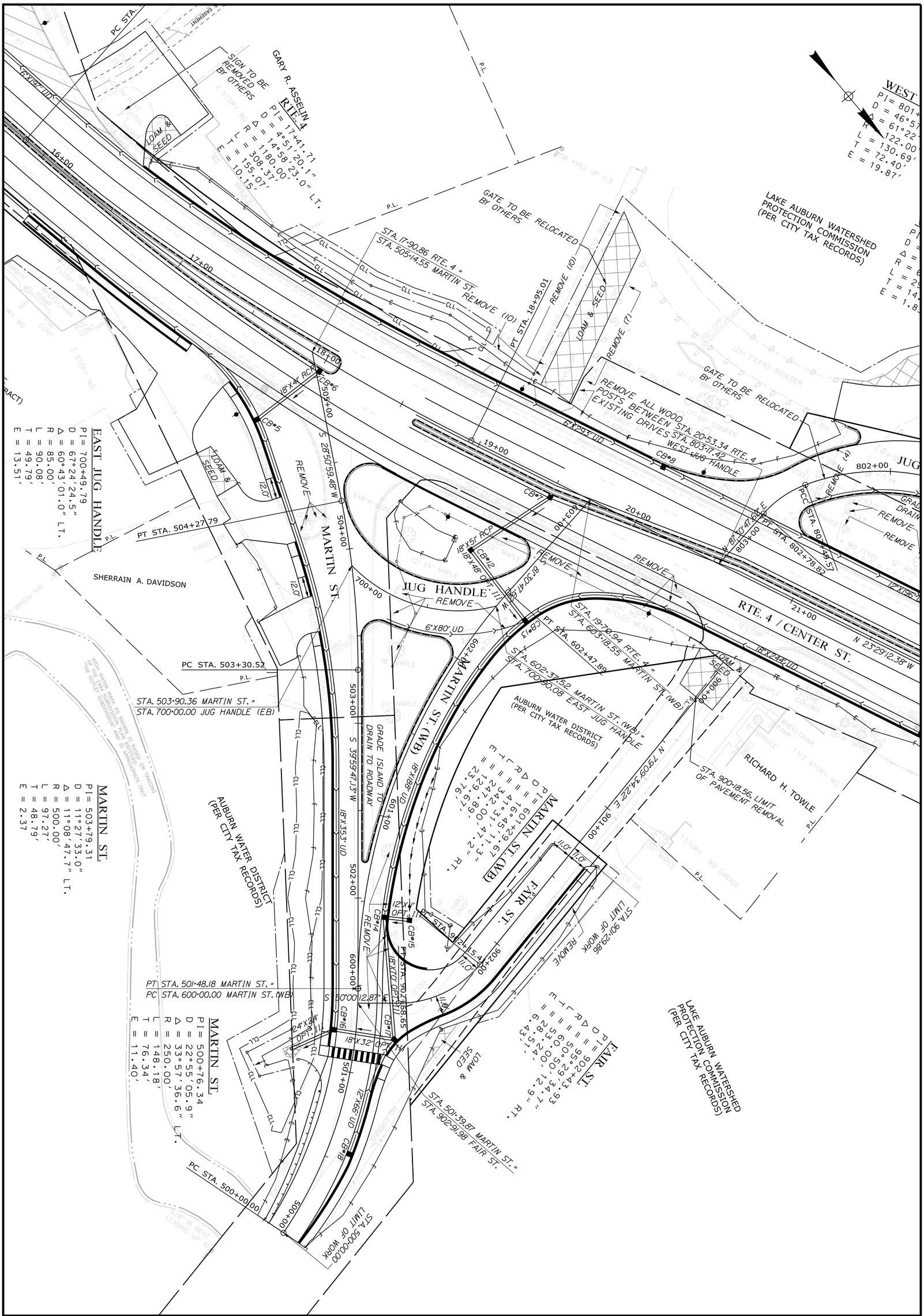
P.E. NUMBER

DATE

AUBURN
TURNER/LILLIAN STREETS

PLANS

SHEET NUMBER
32
OF 98



PROJ. MANAGER RHOBE MOULTON		BY	DATE
DESIGN-DETAILED	C. SULLOWAY		
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

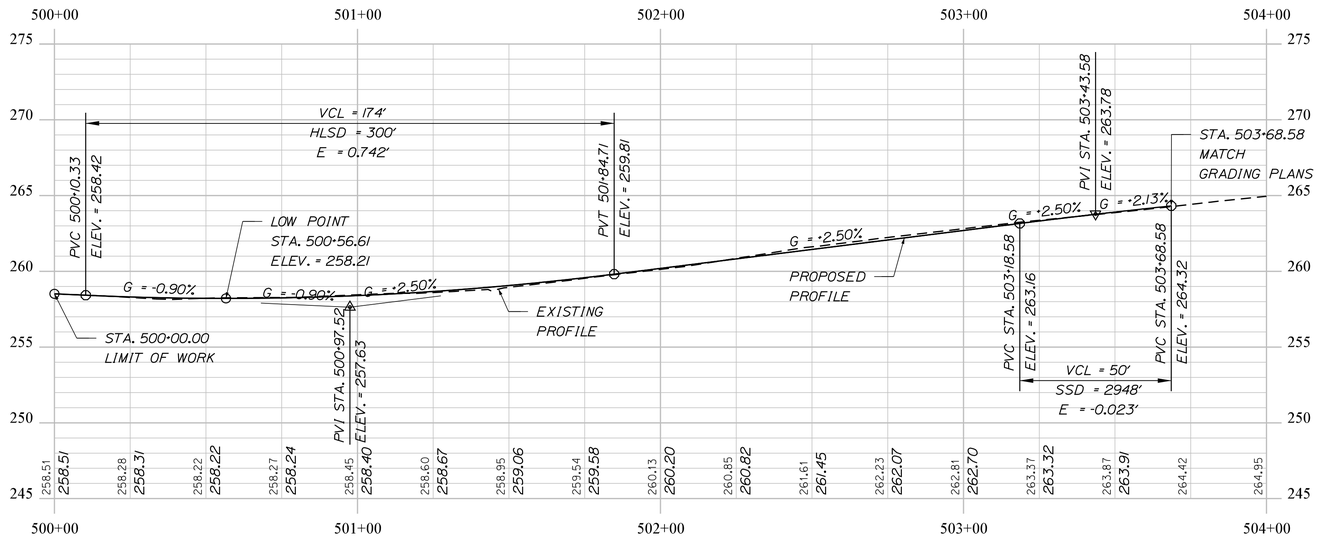
DATE

SHEET NUMBER 33 OF 98

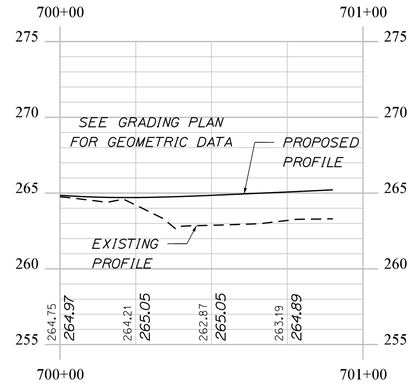
AUBURN
MARTIN ST./E. JUG HANDLE
PLANS

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

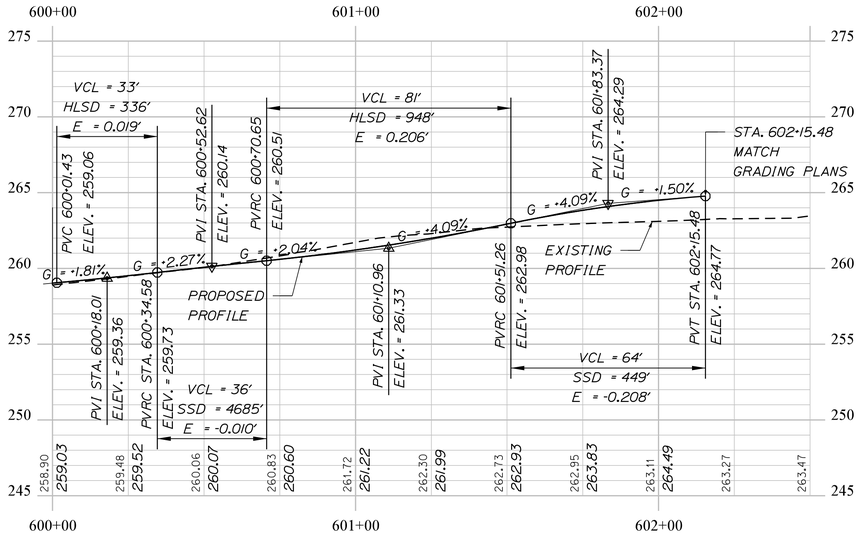
WIN 021766.00 HIGHWAY PLANS



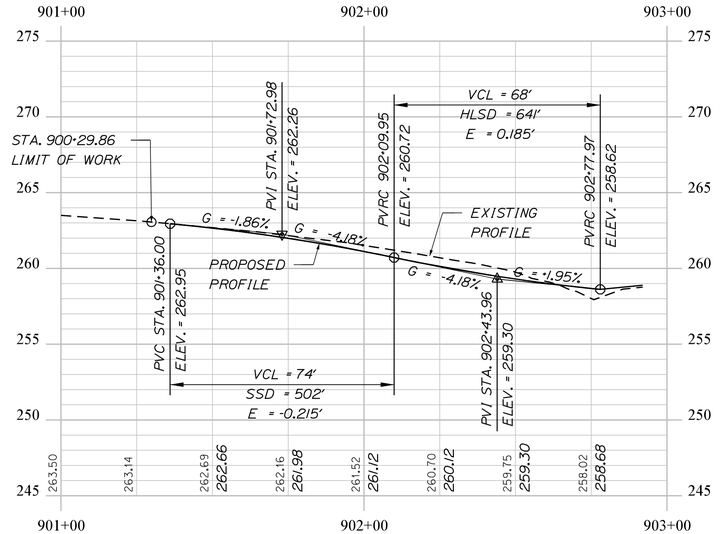
MARTIN ST. - EASTBOUND



EAST JUG



MARTIN ST. - WESTBOUND



FAIR STREET

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MARTIN ST./E. JUG HANDLE

PROFILES

SHEET NUMBER

34

OF 98

Filename: ...\034_Profile_MartinStreet&EastJug.DGN Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021

Filename: ...\MSTA\035_HDPLAN_WestJug.DGN Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021

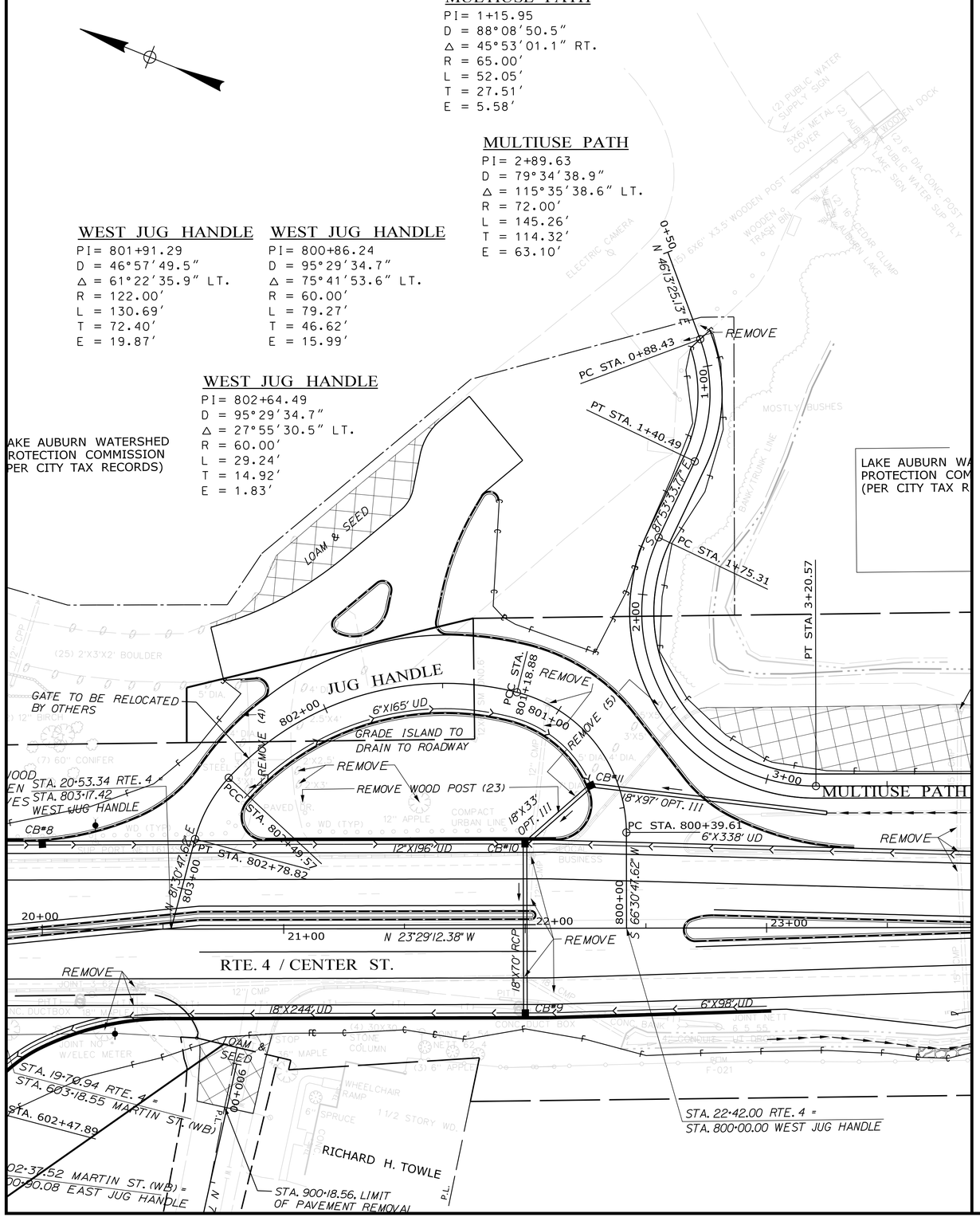
MULTIUSE PATH
PI= 1+15.95
D = 88°08'50.5"
Δ = 45°53'01.1" RT.
R = 65.00'
L = 52.05'
T = 27.51'
E = 5.58'

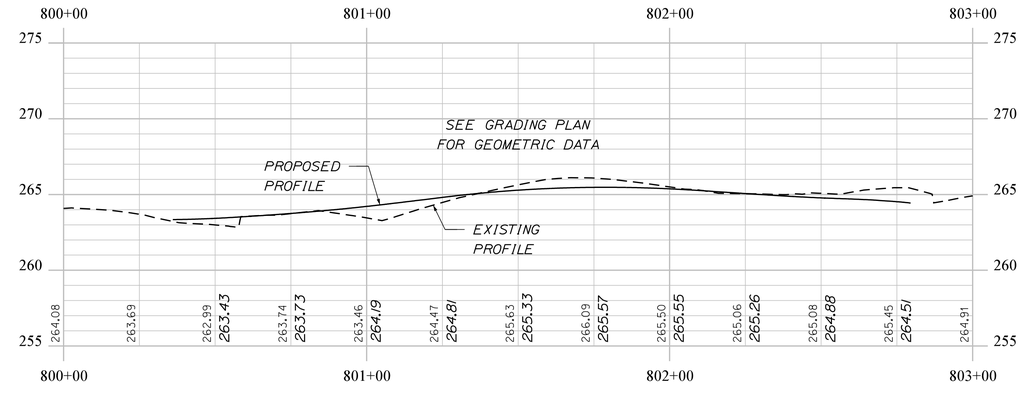
MULTIUSE PATH
PI= 2+89.63
D = 79°34'38.9"
Δ = 115°35'38.6" LT.
R = 72.00'
L = 145.26'
T = 114.32'
E = 63.10'

WEST JUG HANDLE
PI= 801+91.29
D = 46°57'49.5"
Δ = 61°22'35.9" LT.
R = 122.00'
L = 130.69'
T = 72.40'
E = 19.87'

WEST JUG HANDLE
PI= 800+86.24
D = 95°29'34.7"
Δ = 75°41'53.6" LT.
R = 60.00'
L = 79.27'
T = 46.62'
E = 15.99'

WEST JUG HANDLE
PI= 802+64.49
D = 95°29'34.7"
Δ = 27°55'30.5" LT.
R = 60.00'
L = 29.24'
T = 14.92'
E = 1.83'





WEST JUG

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER: RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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DATE

AUBURN
WEST JUG HANDLE
PLANS

SHEET NUMBER
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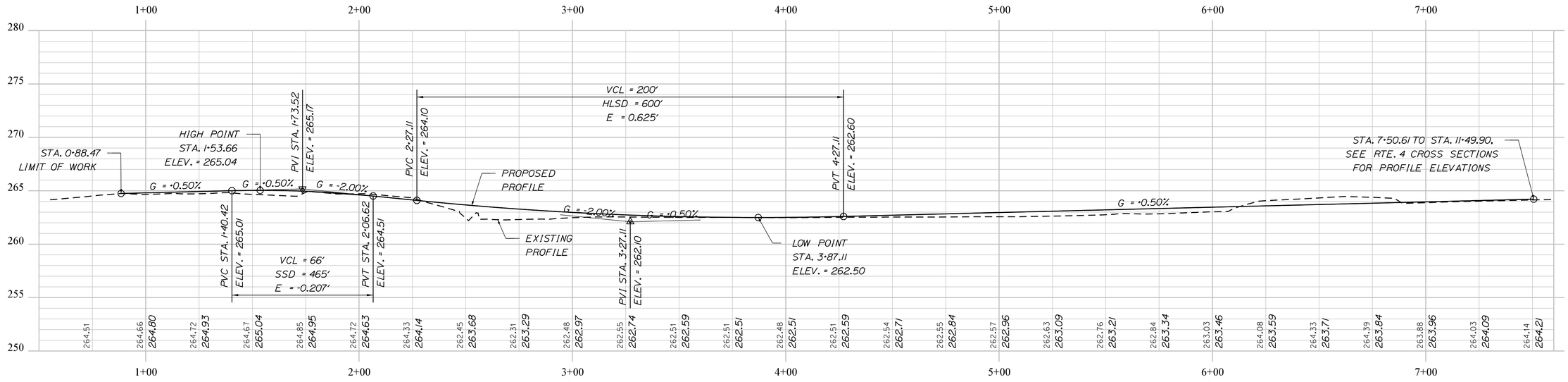
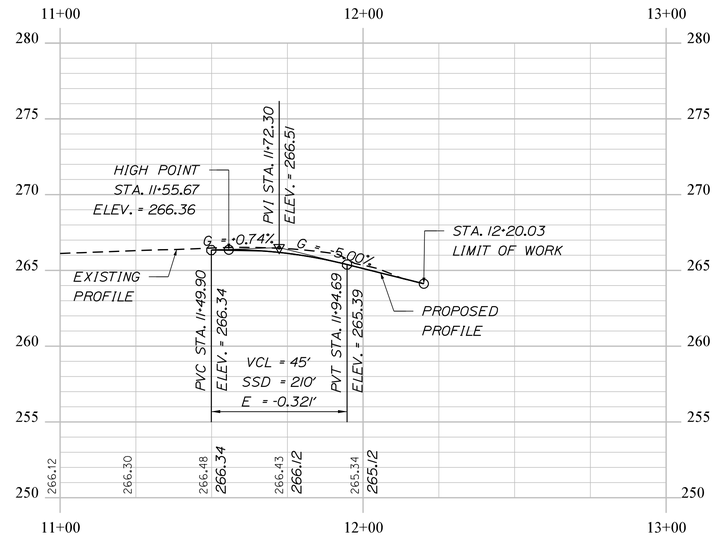
OF 98



MULTIUSE PATH - SOUTH END



MULTIUSE PATH - NORTH END

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

PLANS

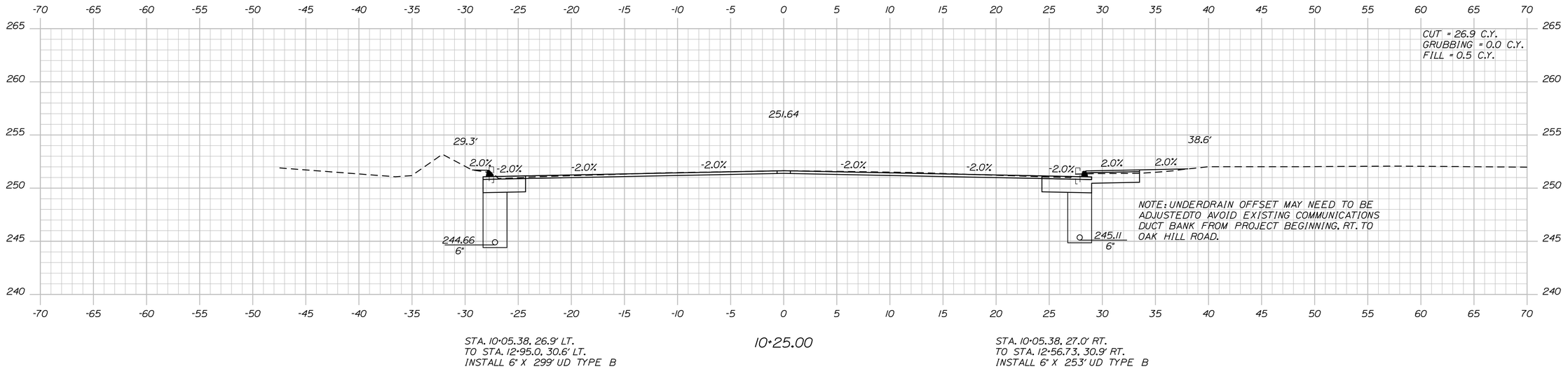
SHEET NUMBER

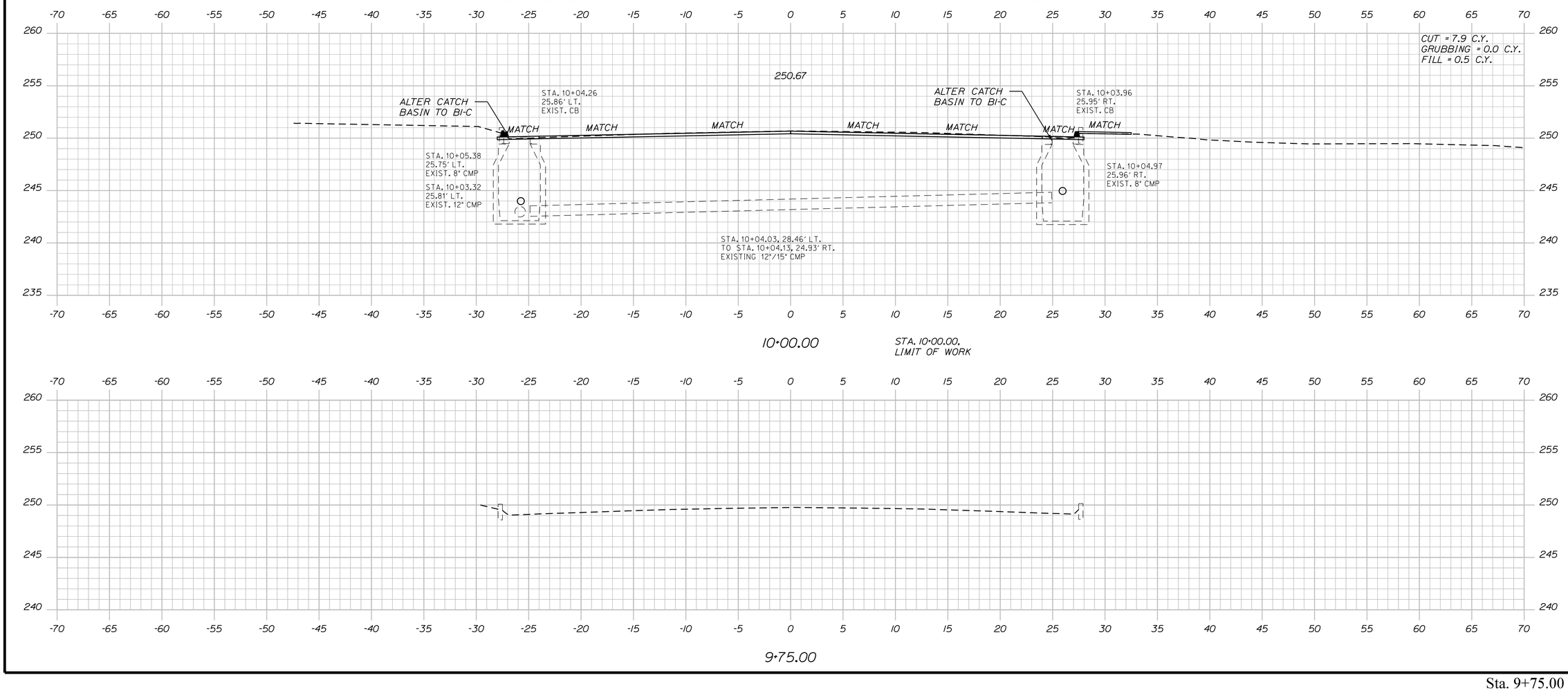
36

OF 98

Filename: ...\036_Profile_MultiusePath.DGN Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

Filename: ...\MSTA\037_XSECT_9+75_001.dgn Username: Clark.E.Sullaway Division: HIGHWAY Date:12/8/2021





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

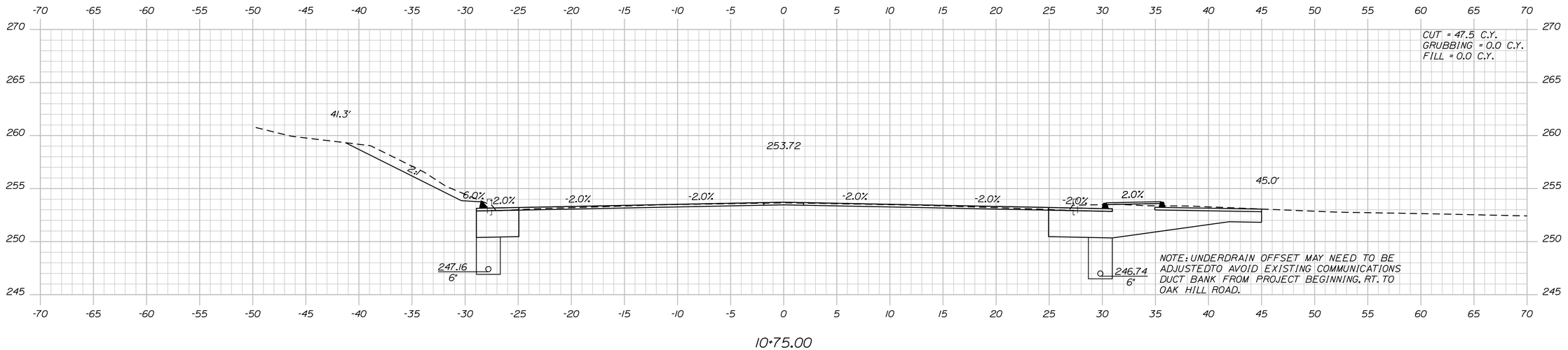
CROSS SECTIONS

SHEET NUMBER

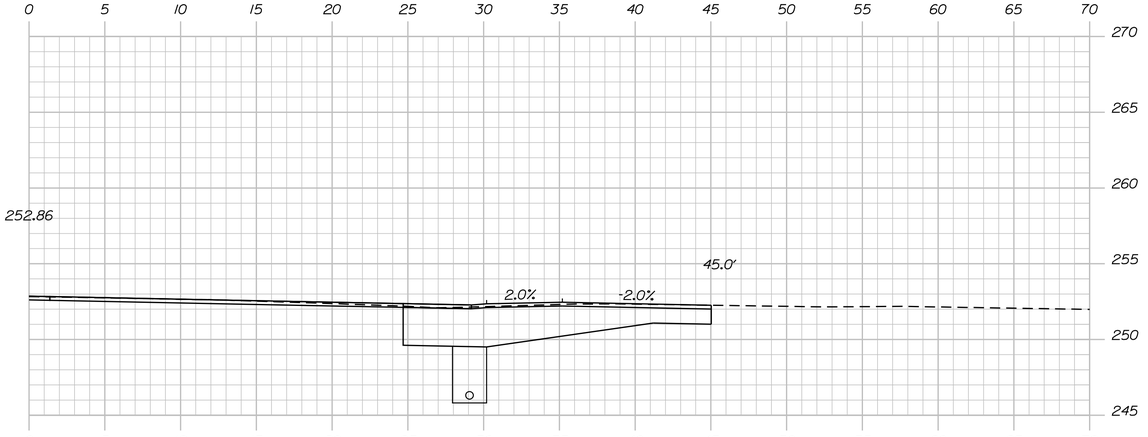
37

OF 98

Sta. 9+75.00 to Sta. 10+25.00

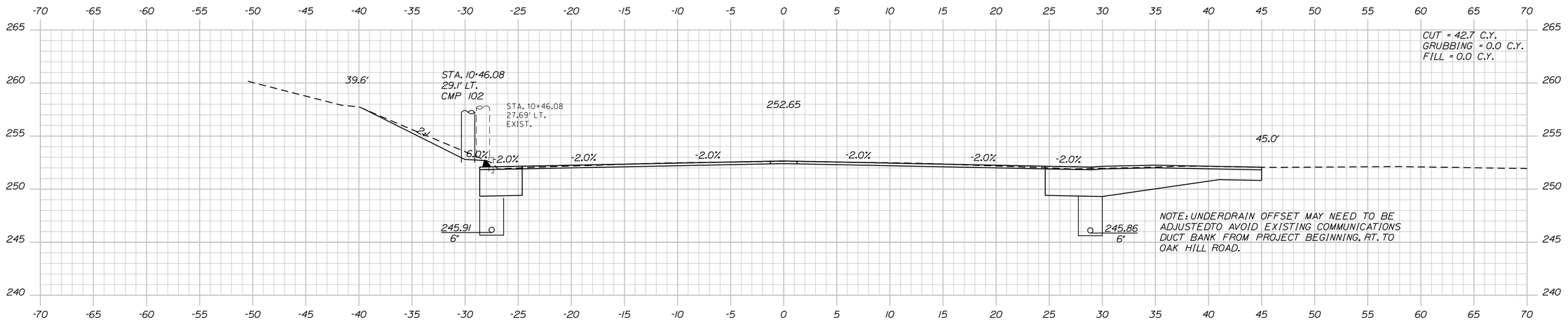


10+75.00



10+55.00

STA. 10+55.00, RT.
CONSTRUCT PAVED ENT.



10+50.00

STA. 10+50.00 BEGIN
PROJ. NO. 2176600

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

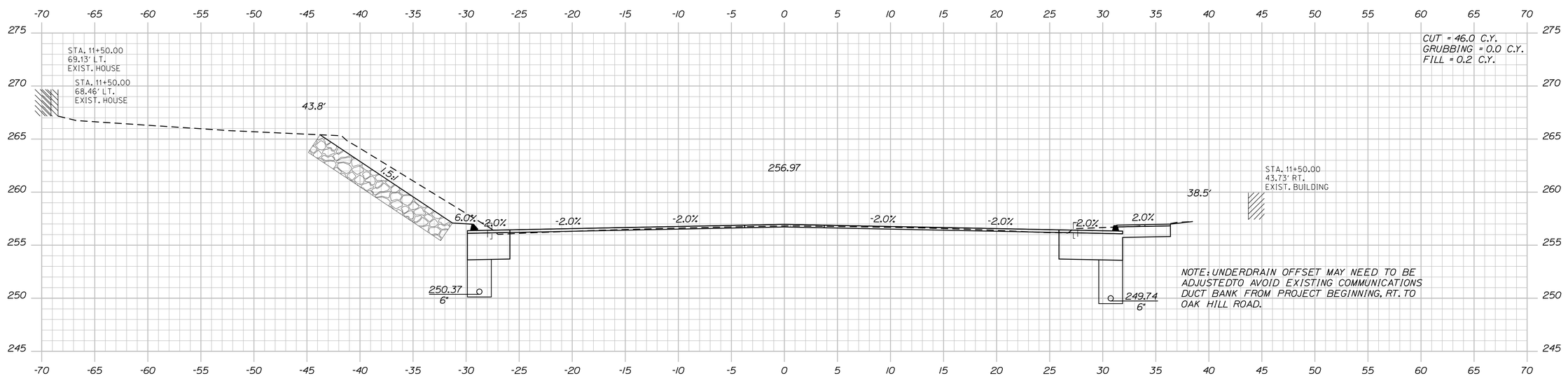
SHEET NUMBER

38

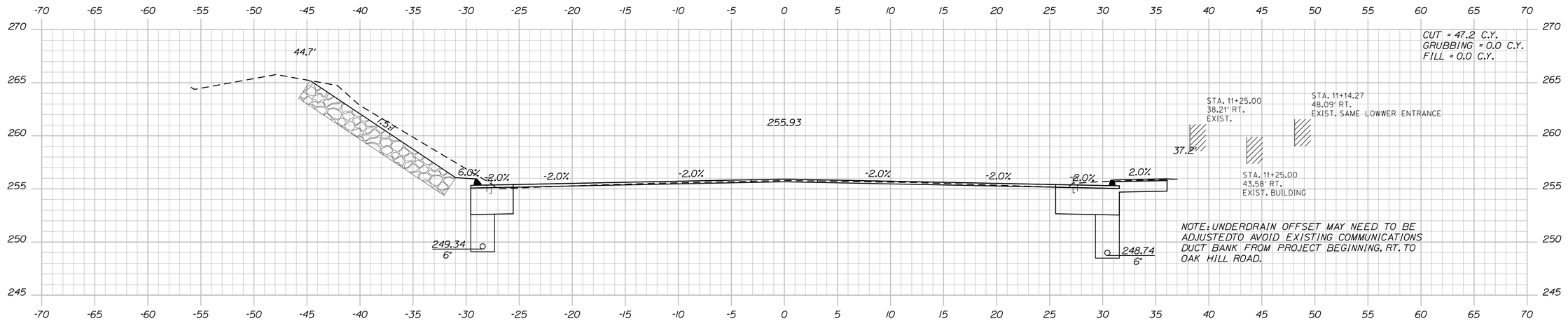
OF 98

Sta. 10+50.00 to Sta. 10+75.00

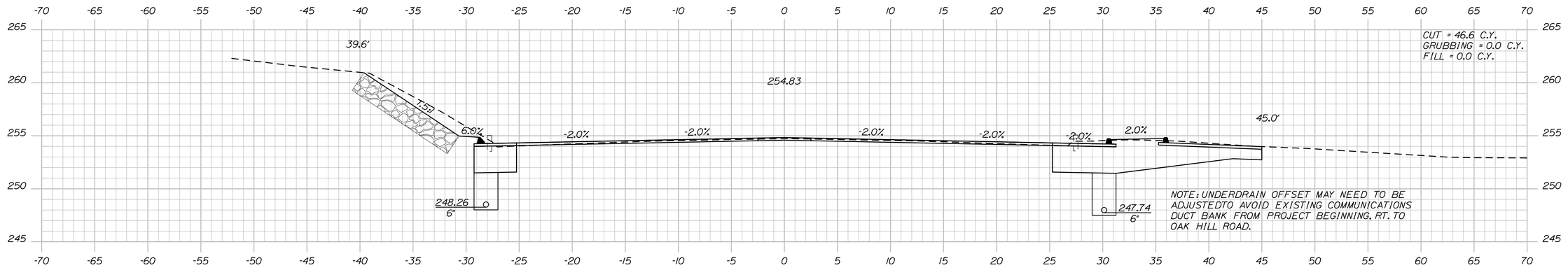
Filename: ...\MSTA\038_XSECT_10+50_002.dgn Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021



11+50.00



11+25.00



11+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

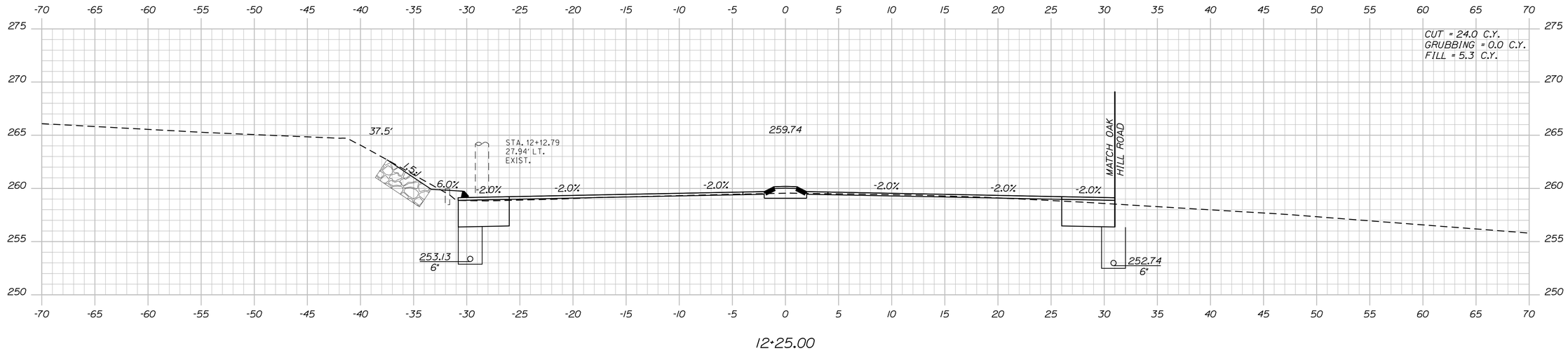
SHEET NUMBER

39

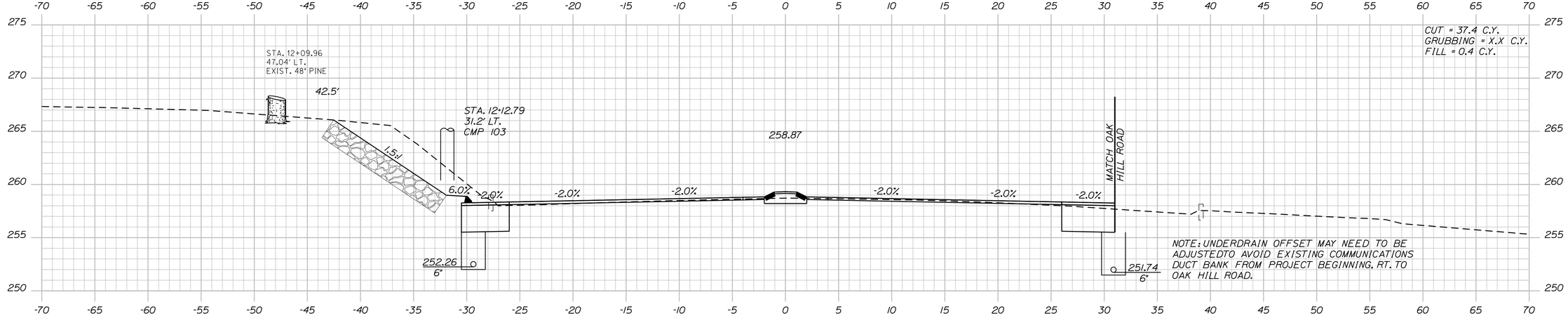
OF 98

Filename: ...\MSTA\039_XSECT_11+00_003.dgn Username: Clark.E.Sullaway Division: HIGHWAY Date:12/8/2021

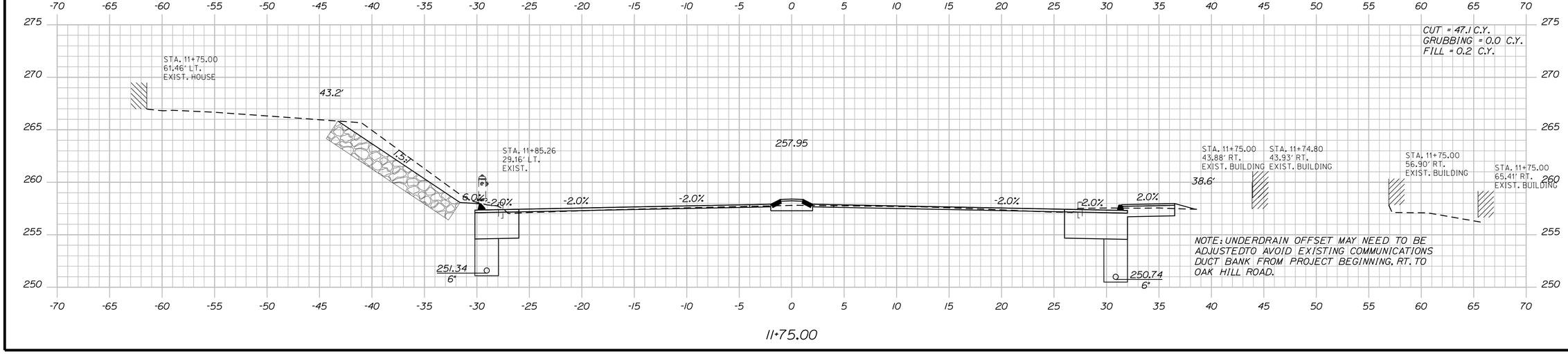
Sta. 11+00.00 to Sta. 11+50.00



12+25.00



12+00.00



11+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER: RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

SHEET NUMBER

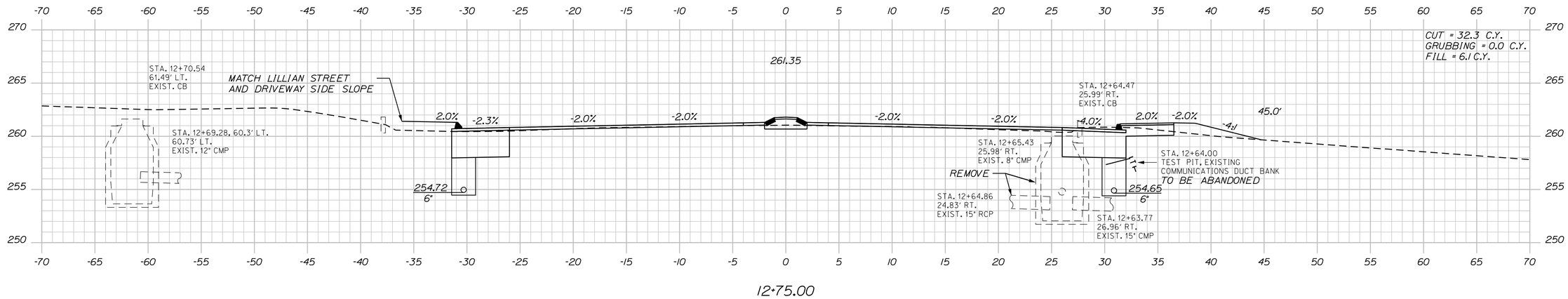
40

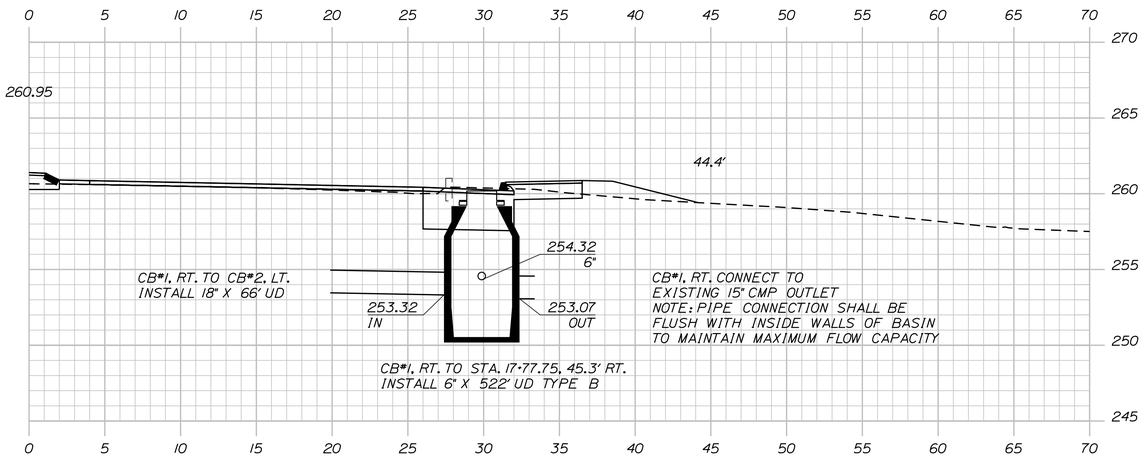
OF 98

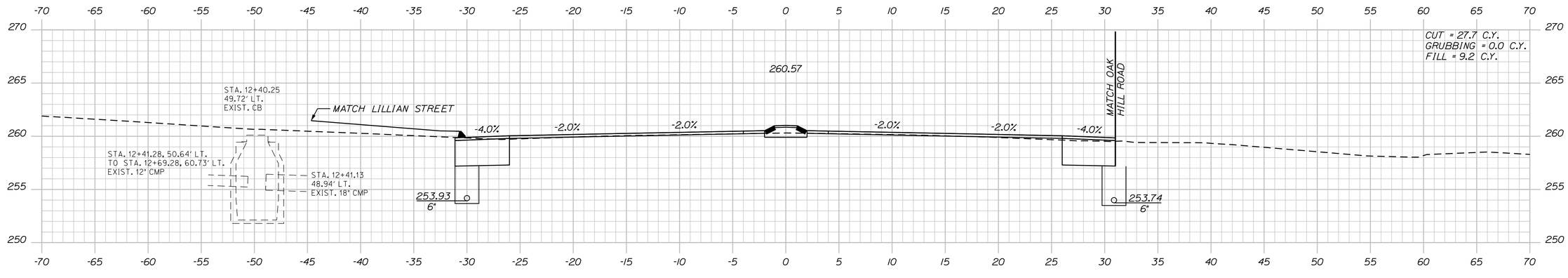
Sta. 11+75.00 to Sta. 12+25.00

Filename: ...\MSTA\040_XSECT_11+75_004.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

Filename: ...\MSTA\041_XSECT_12+50_005.dgn Username: Clark.E.Sullaway Division: HIGHWAY Date:12/8/2021







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

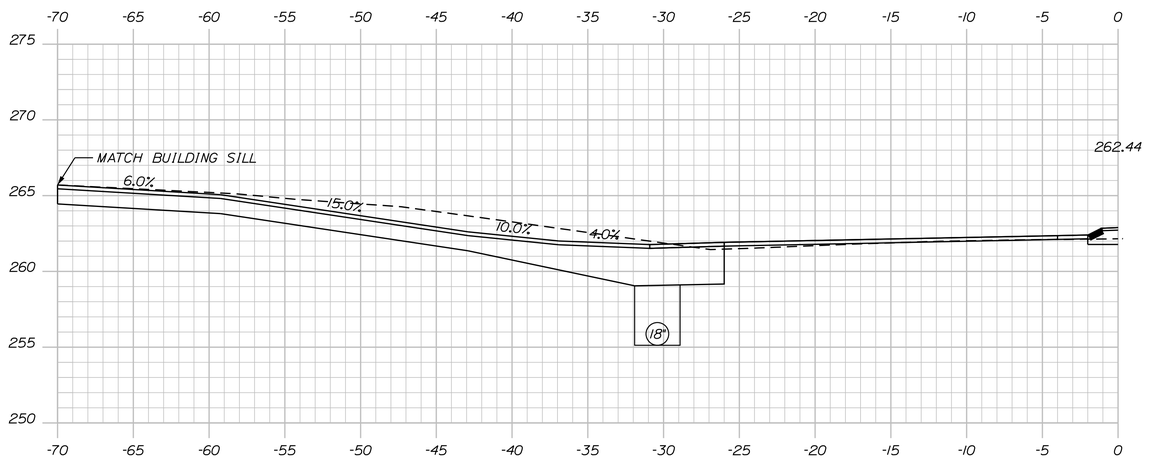
CROSS SECTIONS

SHEET NUMBER

41

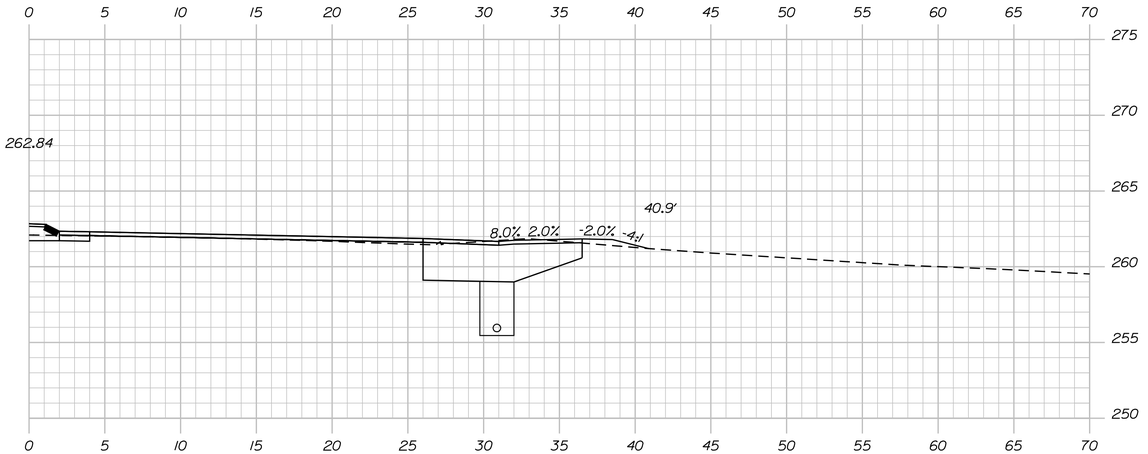
OF 98

Sta. 12+50.00 to Sta. 12+75.00



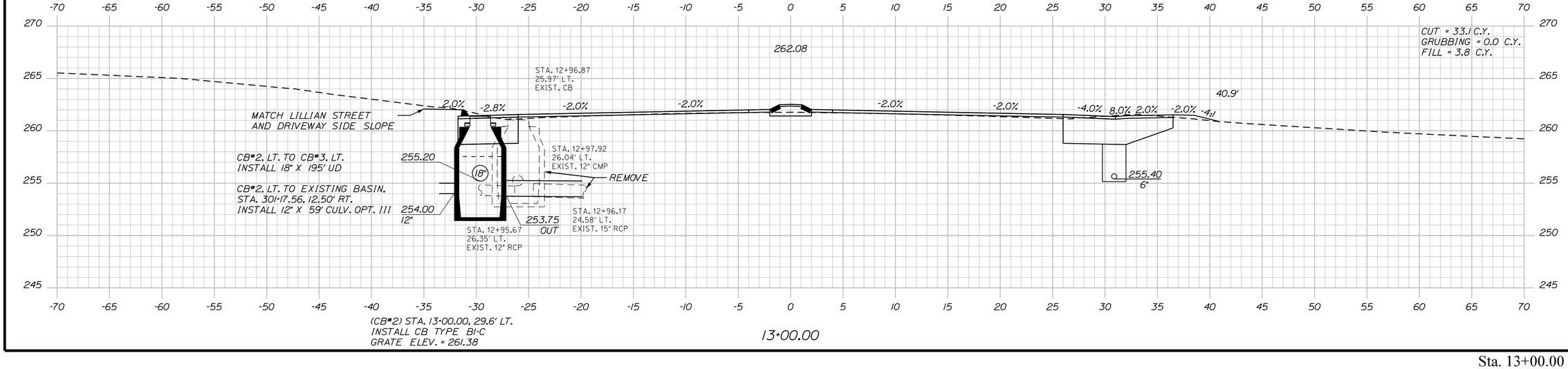
STA. 13+13.00 LT.
CONSTRUCT PAVED ENT.

13+13.00



13+11.00

STA. 13+11.00, RT.
CONSTRUCT PAVED ENT. LIP



(CB#2) STA. 13+00.00, 29.6' LT.
INSTALL CB TYPE BI-C
GRATE ELEV. = 261.38

13+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

PROJ. MANAGER RHOBE MOULTON	BY	DATE
DESIGN-DETAILED		
CHECKED-REVIEWED	C. SULLOWAY	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

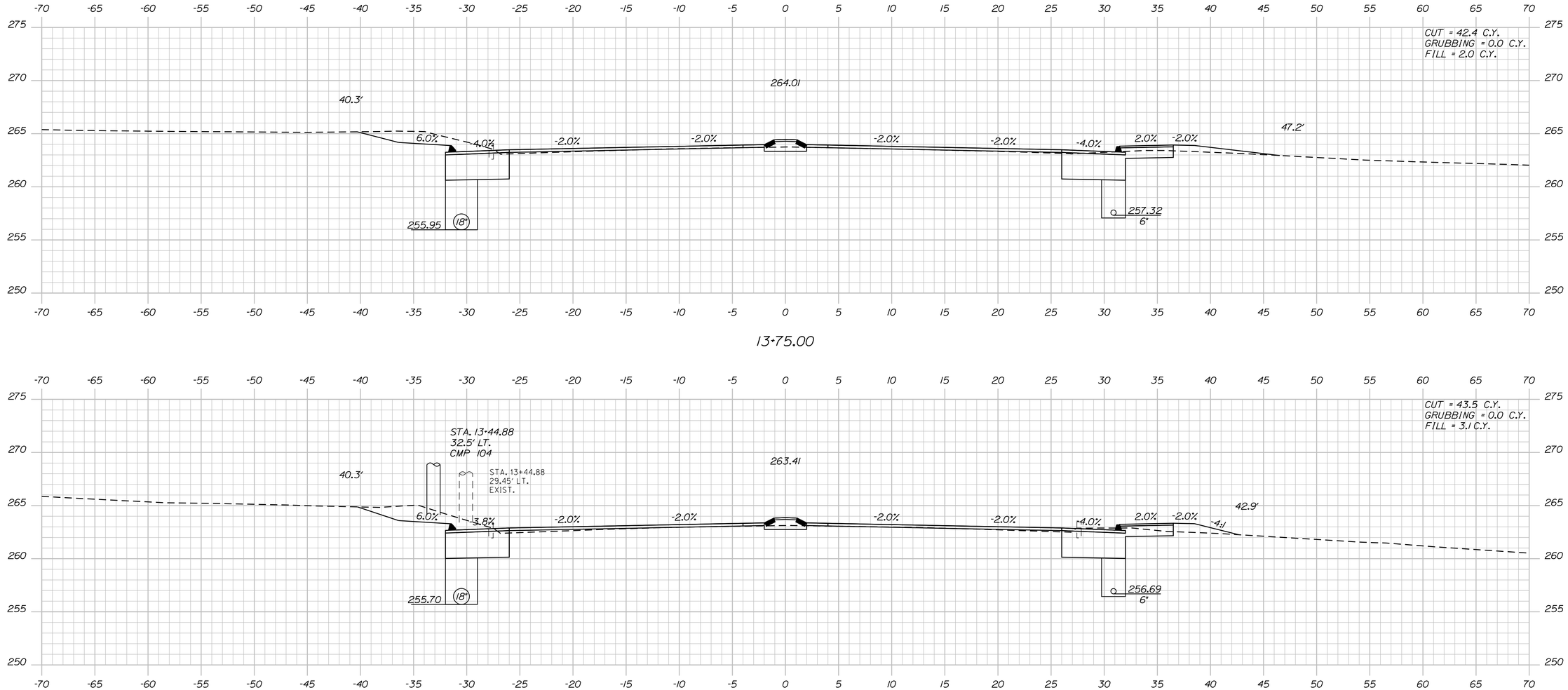
SHEET NUMBER

42

OF 98

Filename: ...\MSTA\042_XSECT_13+00_006.dgn Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021

Sta. 13+00.00 to Sta. 13+25.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

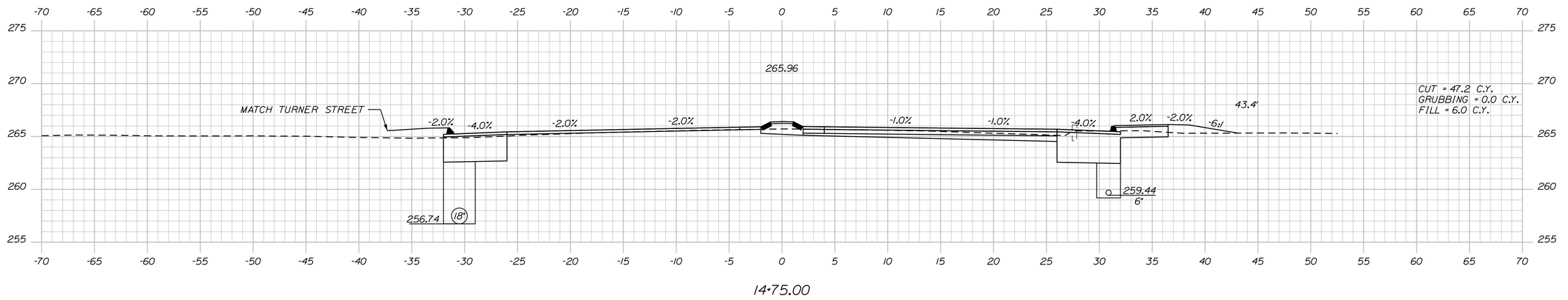
SHEET NUMBER

43

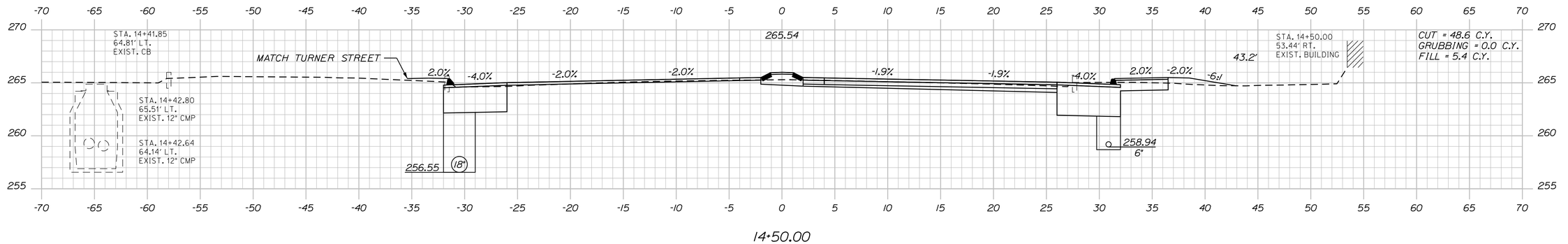
OF 98

Sta. 13+50.00 to Sta. 13+75.00

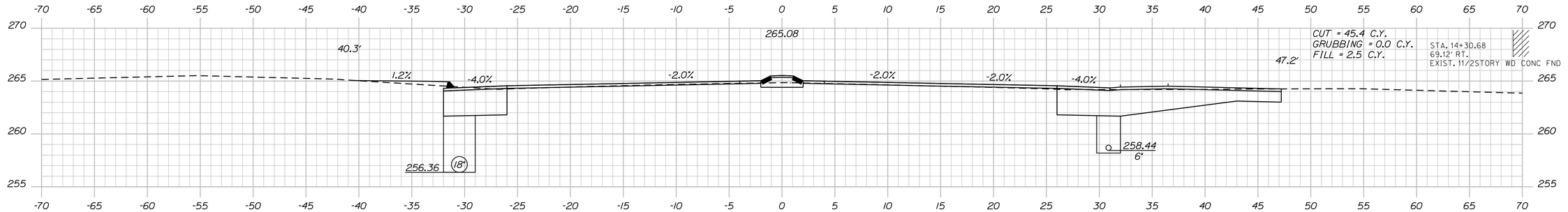
Filename: ...\MSTA\043_XSECT_13+50_007.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



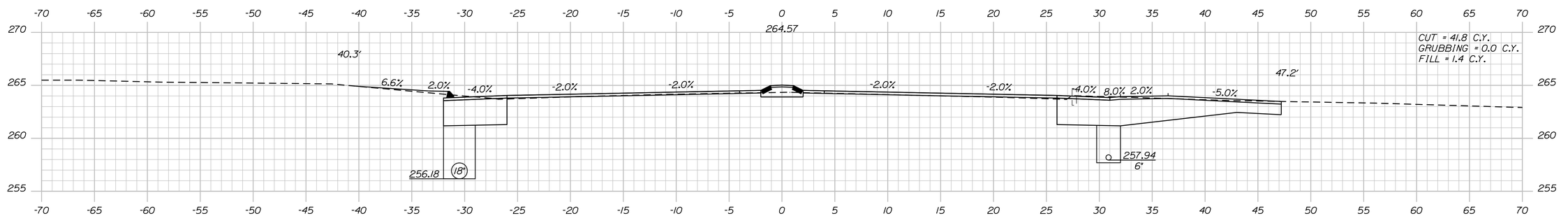
14+75.00



14+50.00



14+25.00



14+00.00

STA. 14+00.00, RT.
CONSTRUCT PAVED ENT.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

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ROUTE 4

CROSS SECTIONS

SHEET NUMBER

44

OF 98

Sta. 14+00.00 to Sta. 14+75.00

Username: Clark.E.Sulloway Date:12/8/2021
Division: HIGHWAY
Filename: ...\MSTA\044_XSECT_14+00_008.dgn

Filename: ...\MSTA\045_XSECT_14+98_009.dgn Username: Clark.E.Sullaway Division: HIGHWAY Date:12/8/2021

CUT = 45.4 C.Y.
GRUBBING = 0.0 C.Y.
FILL = 1.9 C.Y.

MATCH TURNER STREET

266.67

STA. 15+27.85
27.94' RT.
EXIST.

44.2'

-4.0% -2.0% -2.0% 0.6% 0.6% -4.0% 2.0% -2.0% -6:1

260.22
6"

260.22
6"

15+25.00

CUT = 44.8 C.Y.
GRUBBING = 0.0 C.Y.
FILL = 4.1 C.Y.

STA. 14+95.00
32.5' LT.
CMP 105

STA. 14+98.01
43.56' LT.
EXIST. CB

STA. 15+05.27
32.73' LT.
EXIST.

STA. 14+98.49
27.67' LT.
EXIST. CB

MATCH TURNER STREET

266.34

STA. 14+97.82
25.86' RT.
EXIST. CB

43.5'

-6.0% -4.0% -2.0% -2.0% -0.2% -0.2% -4.0% 2.0% -2.0% -6:1

STA. 14+97.28
44.13' LT.
EXIST. 12" CMP

STA. 14+98.23
42.41' LT.
EXIST. 12" CMP

259.95
6"

STA. 14+99.61
27.84' LT.
EXIST. 8" CMP

STA. 14+97.40
27.52' LT.
EXIST. 12" CMP

STA. 14+98.62
26.57' LT.
EXIST. 15" RCP

STA. 14+98.41
28.67' LT.
EXIST. 12" RCP

REMOVE

REMOVE

PLUG ABANDONED PIPE AND
FILL WITH FLOWABLE FILL

REMOVE
STA. 14+98.05
24.66' RT.
EXIST. 18" CMP

259.95
6"

STA. 14+96.76
25.84' RT.
EXIST. 8" CMP

STA. 14+98.82
25.81' RT.
EXIST. 8" CMP

15+00.00

MATCH TURNER STREET

266.31

-2.0%

259.93
6"

CB#3, LT. TO STA. 14+98.00, 42.4' LT.
INSTALL 12" X 11' CULV. OPT. III
CONNECT TO EXISTING BASIN

257.40
12"

18"

257.45
18"

256.90

CB#3, LT. TO CB#4, RT.
INSTALL 18" X 58' RCP

CB#3, LT. TO STA. 17+00.00, 32.4' LT.
INSTALL 6" X 197' UD TYPE B

(CB#3) STA. 14+98.00, 29.9' LT.
INSTALL CB TYPE BI-C
GRATE ELEV. = 265.55

14+98.00

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HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

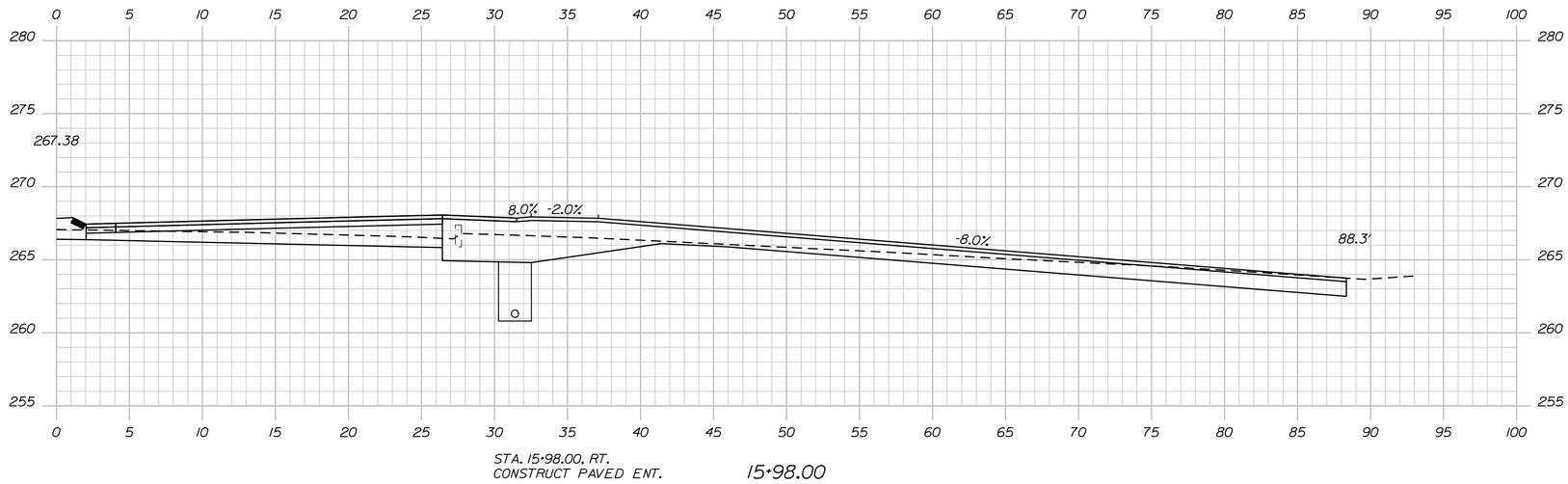
CROSS SECTIONS

SHEET NUMBER

45

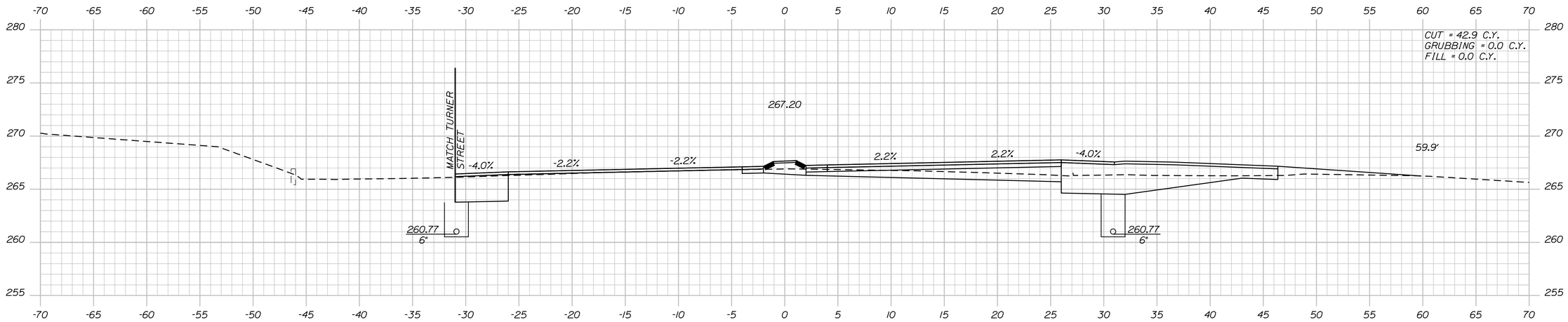
OF 98

Sta. 14+98.00 to Sta. 15+25.00

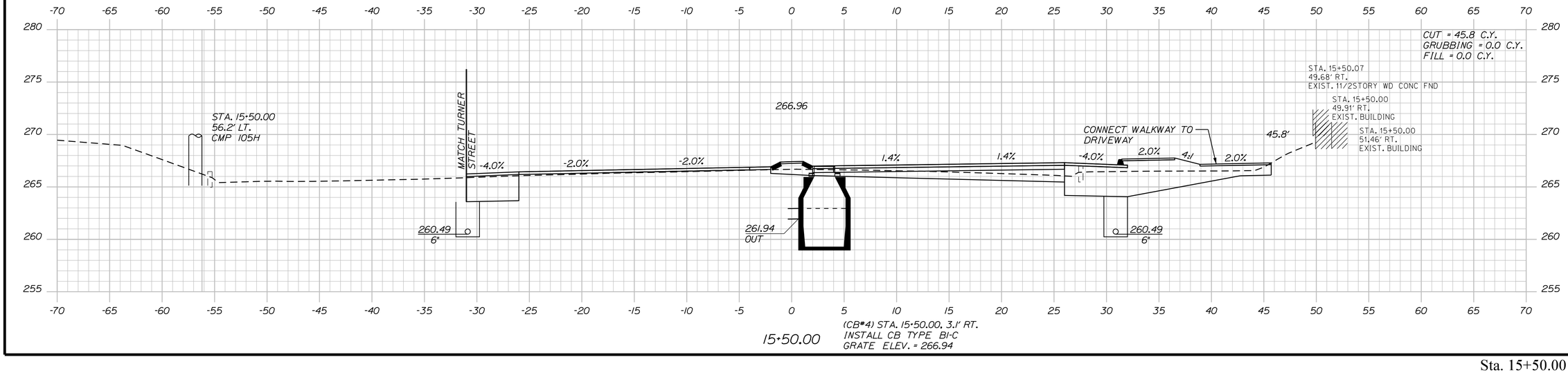


STA. 15+98.00, RT.
CONSTRUCT PAVED ENT.

15+98.00



15+75.00



15+50.00

(CB#4) STA. 15+50.00, 3.1' RT.
INSTALL CB TYPE BI-C
GRATE ELEV. = 266.94

STATE OF MAINE
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HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

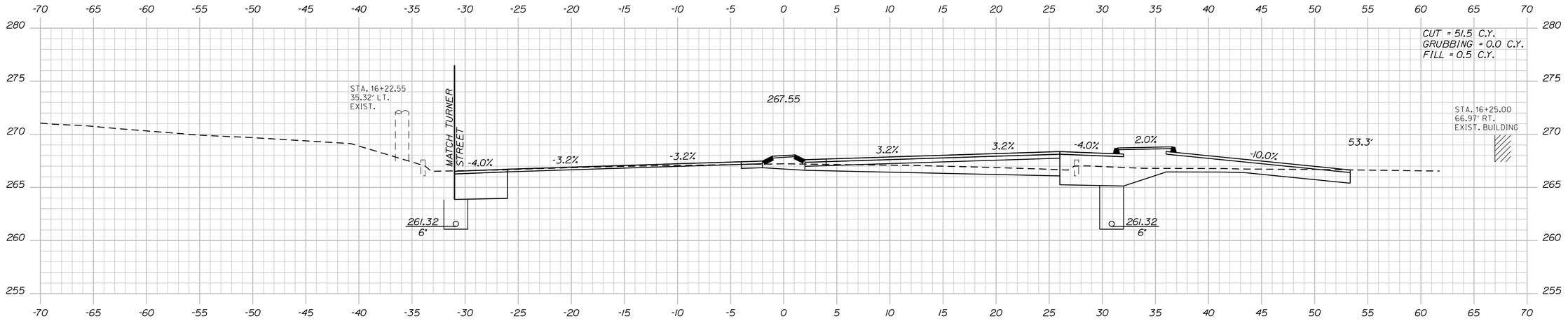
SHEET NUMBER

46

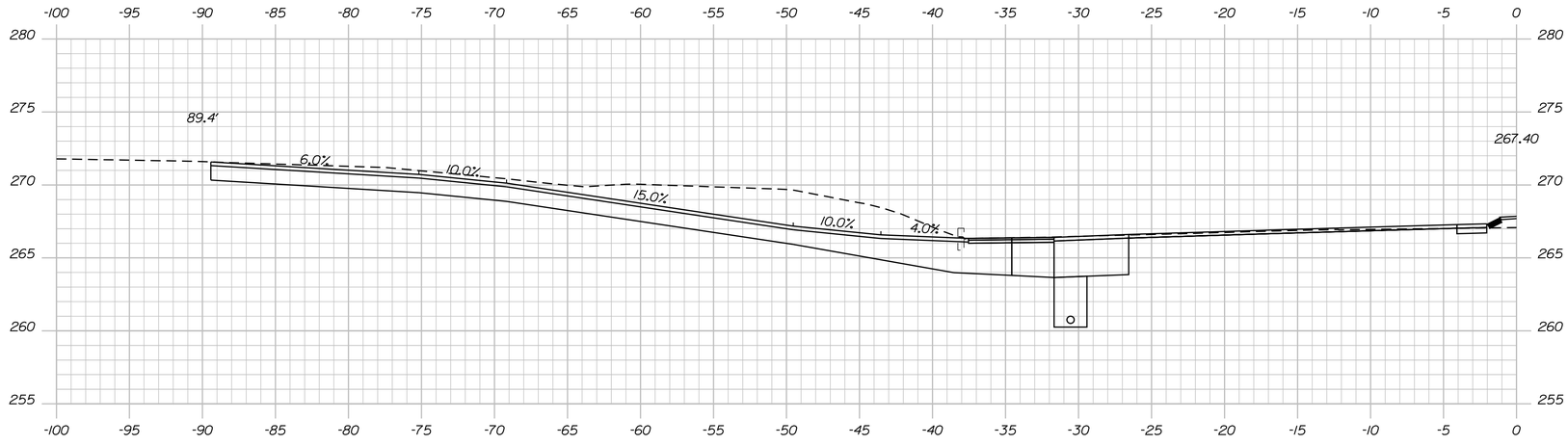
OF 98

Sta. 15+50.00 to Sta. 15+98.00

Filename: ...\MSTA\046_XSECT_15+50_010.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

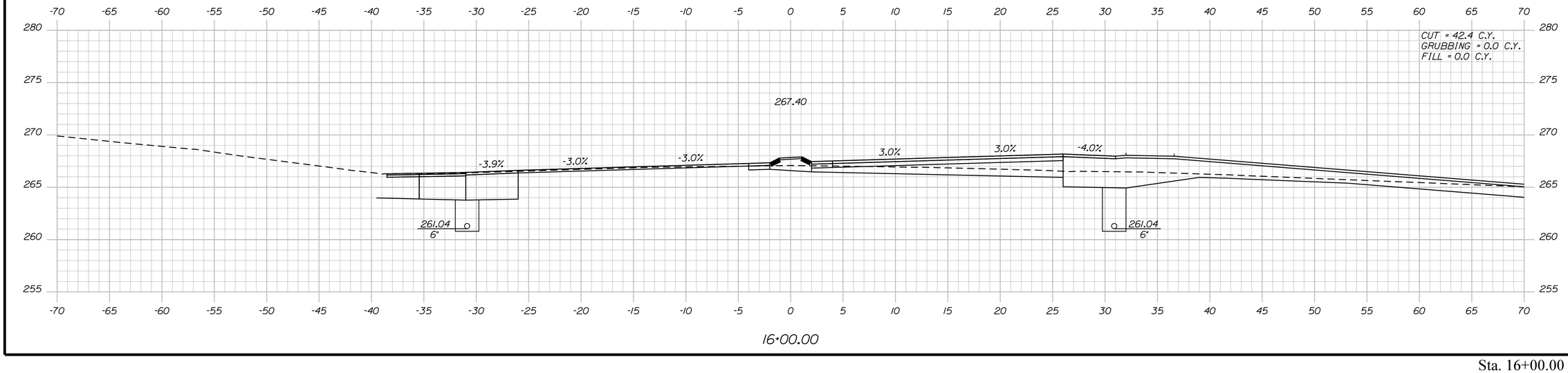


16+25.00



STA. 16+00.00, LT.
CONSTRUCT PAVED ENT.

16+00.00 (SKEWED)



16+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

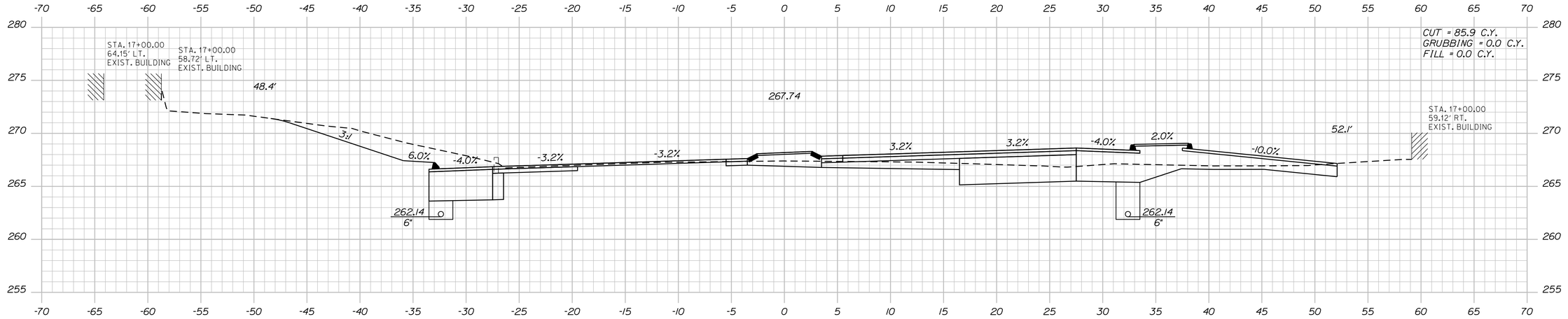
SHEET NUMBER

47

OF 98

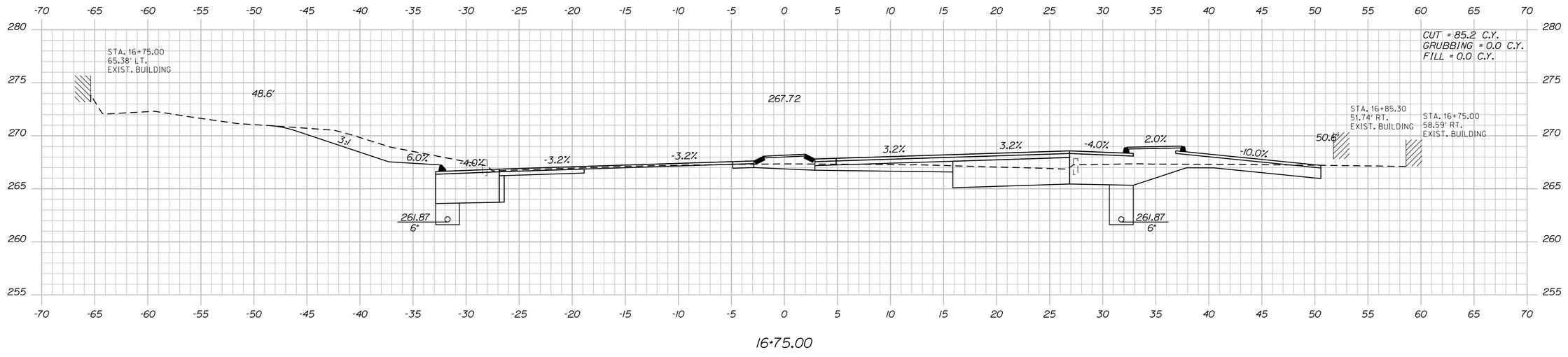
Sta. 16+00.00 to Sta. 16+25.00

Filename: ...\MSTA\047_XSECT_16-00_011.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

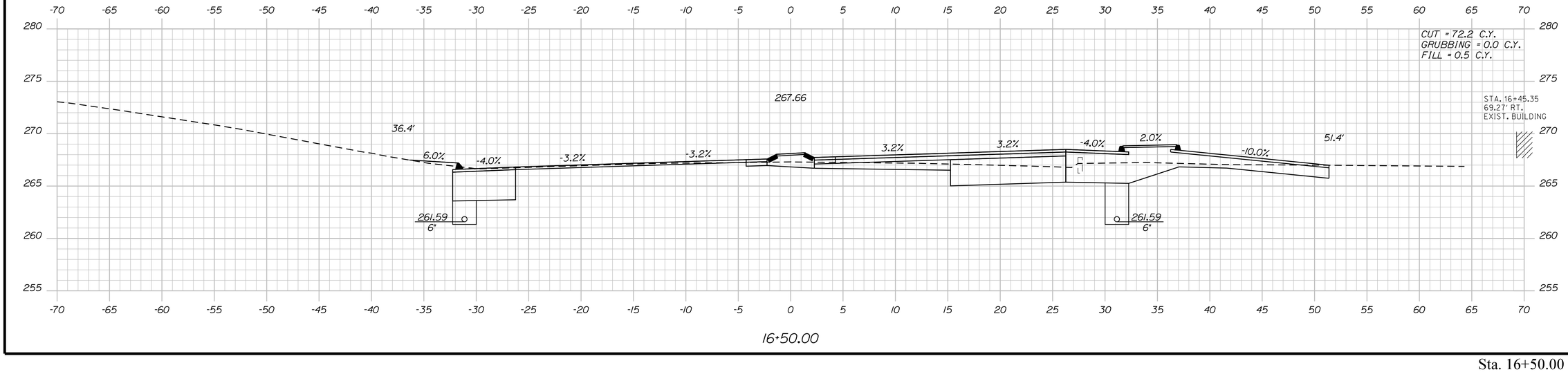


STA. 17+00.00, 32.4' LT. TO CB#8, LT.
INSTALL 6" X 293' UD TYPE B

17+00.00



16+75.00



16+50.00

Sta. 16+50.00 to Sta. 17+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

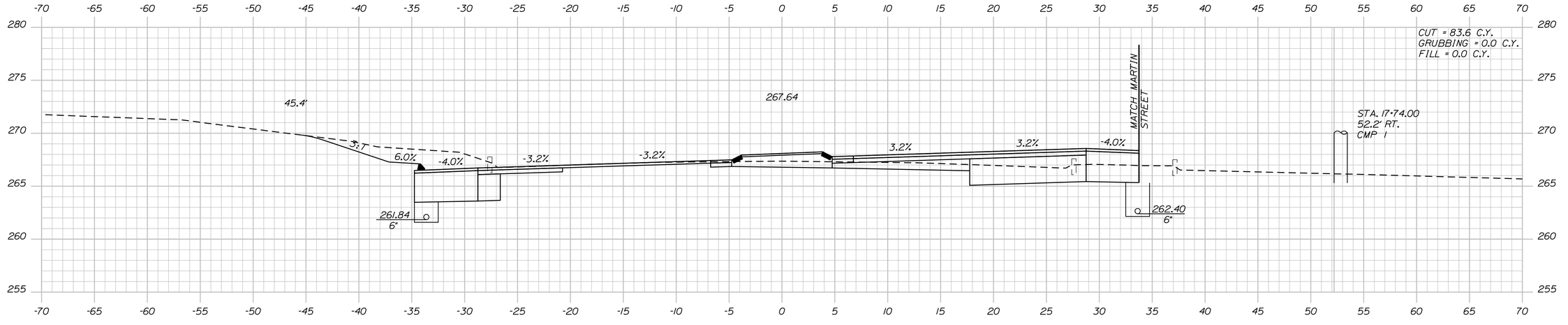
CROSS SECTIONS

SHEET NUMBER

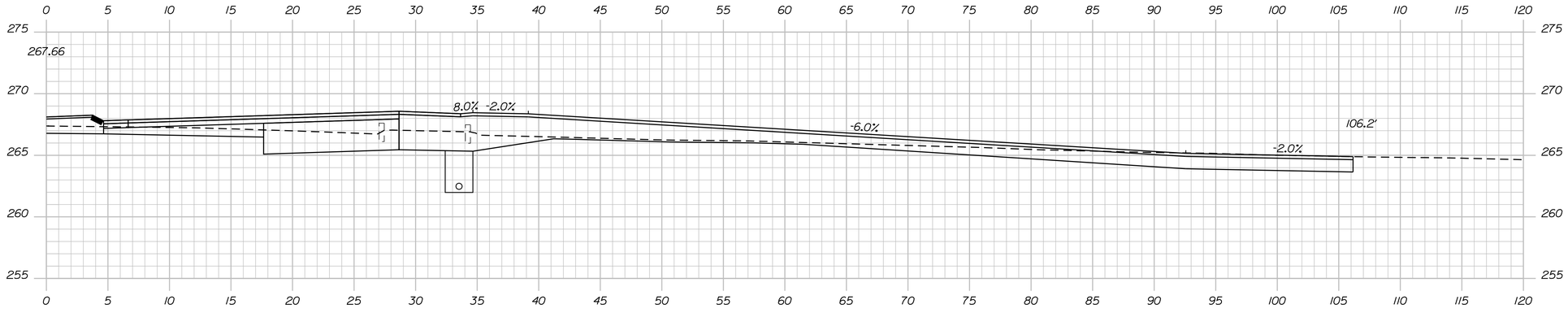
48

OF 98

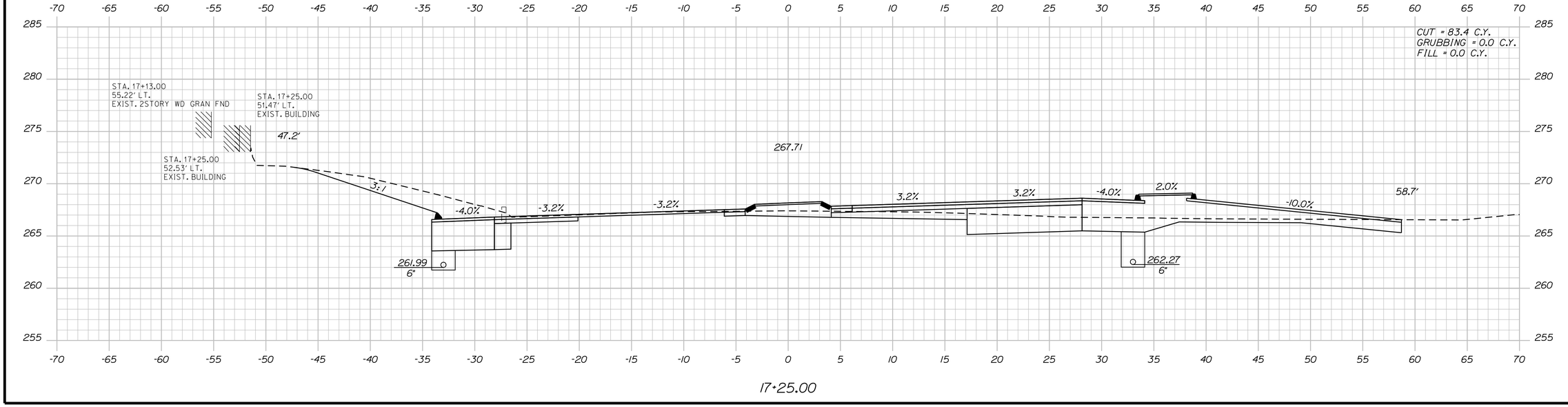
Filename: ...\MSTA\048_XSECT_16+50_012.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



17+50.00



STA. 17+46.00. RT.
CONSTRUCT PAVED ENT.



17+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

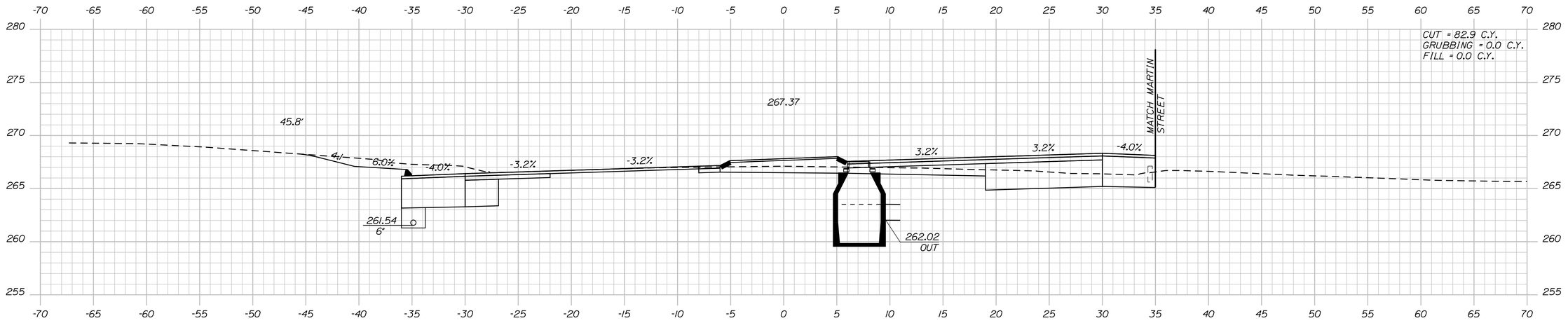
SHEET NUMBER

49

OF 98

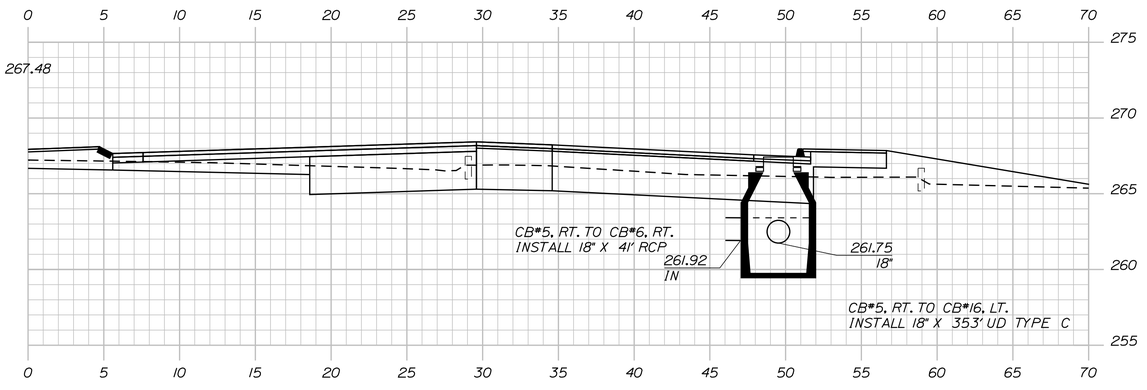
Sta. 17+25.00 to Sta. 17+50.00

Filename: ...\MSTA\049_XSECT_17+25_013.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



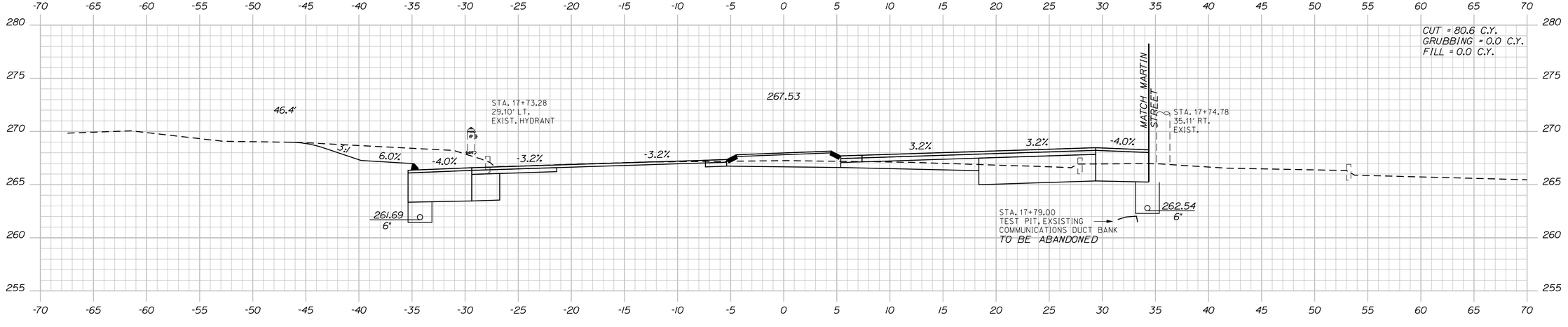
18+00.00

(CB#6) STA. 18+00.00, 7.1' RT.
INSTALL CB TYPE BI-C
GRATE ELEV. = 267.52



17+83.61

(CB#5) STA. 17+83.61, 49.5' RT.
INSTALL CB TYPE BI-C
GRATE ELEV. = 267.42



17+75.00

STATE OF MAINE
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HIGHWAY PLANS

WIN
021766.00

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. SULLOWAY		
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

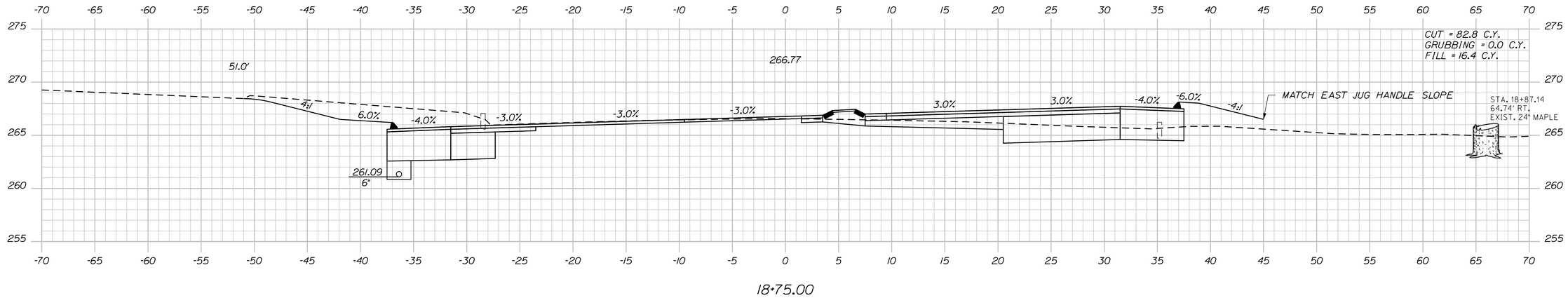
SHEET NUMBER

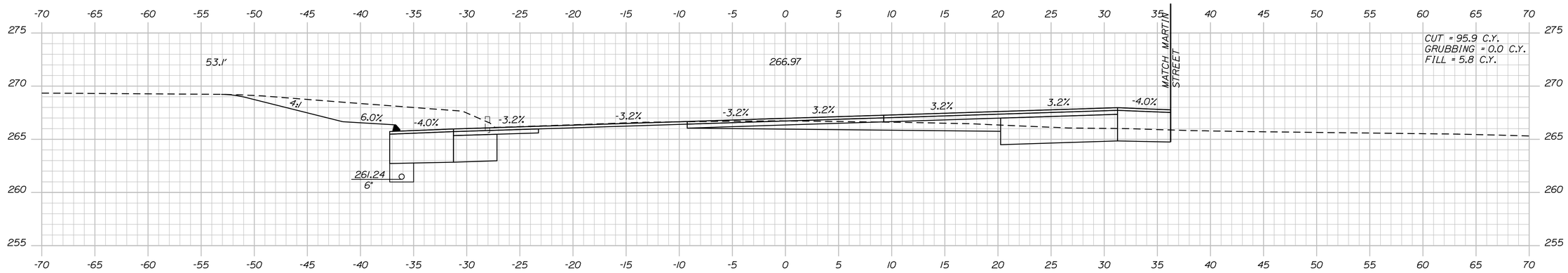
50

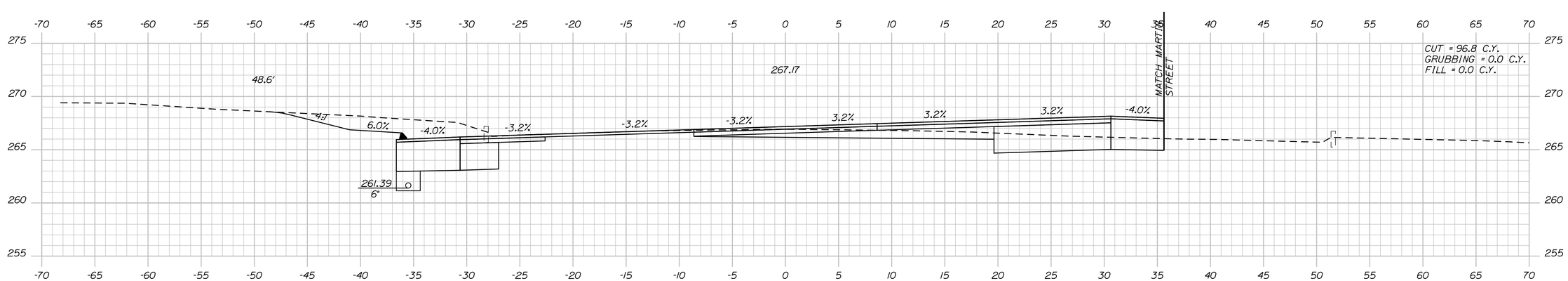
OF 98

Sta. 17+75.00 to Sta. 18+00.00

Filename: ...\MSTA\050_XSECT_17+75_014.dgn Username: Clark.E.Sullaway Division: HIGHWAY Date:12/8/2021







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER: RHOBE MOULTON		
DESIGN-DETAILED: C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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AUBURN
ROUTE 4

CROSS SECTIONS

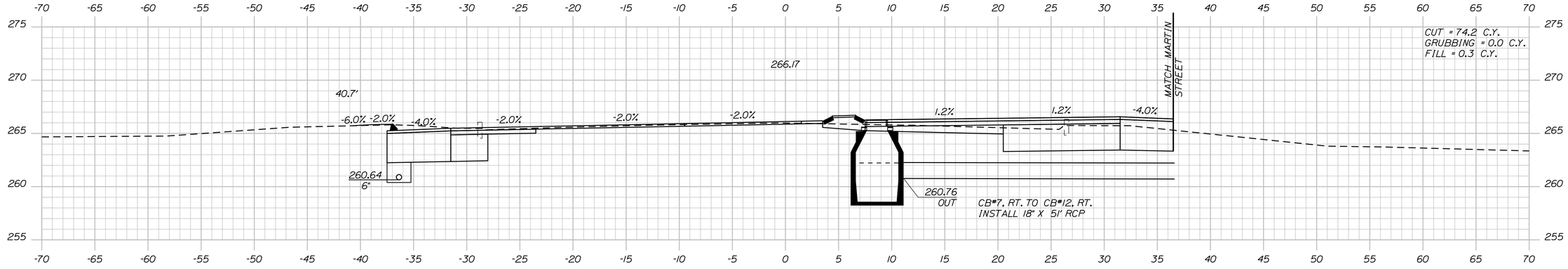
SHEET NUMBER

51

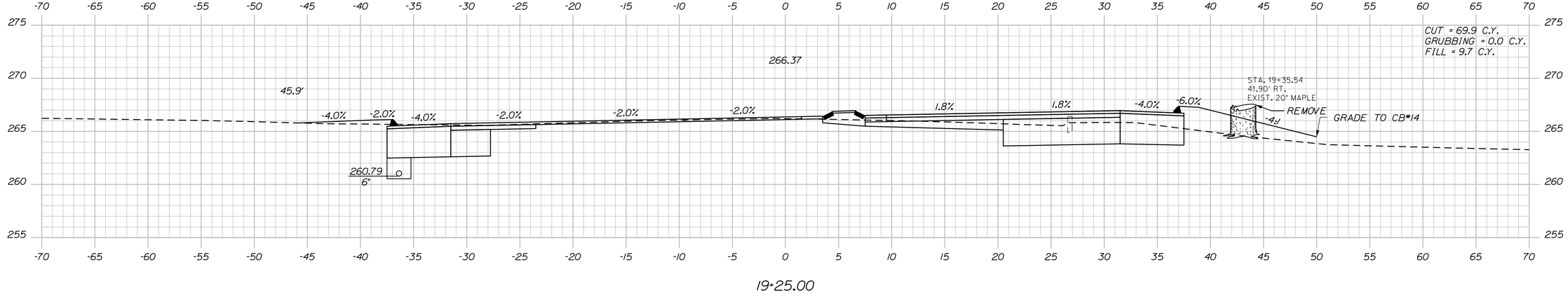
OF 98

Sta. 18+25.00 to Sta. 18+75.00

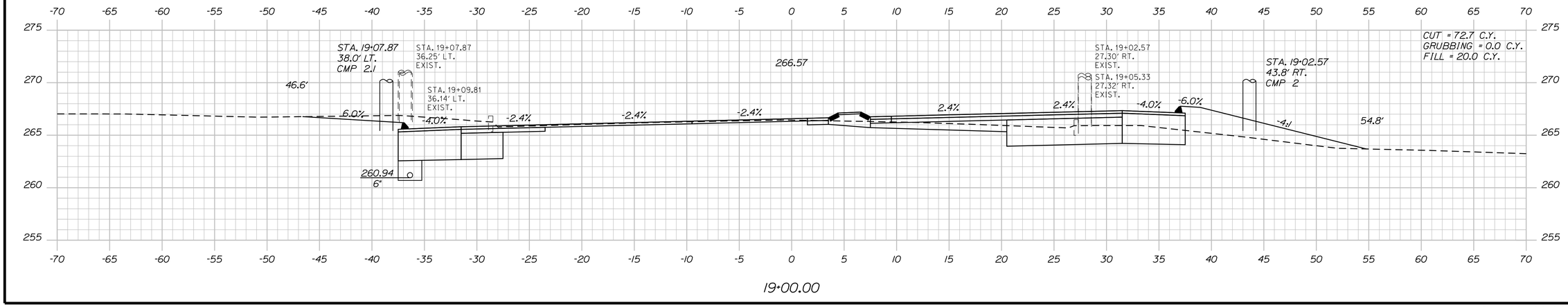
Filename: ...\MSTA\051_XSECT_18+25_015.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



19+50.00 (CB#7) STA. 19+50.00, 8.6' RT.
INSTALL CB TYPE BI-C
GRATE ELEV. = 266.22



19+25.00



19+00.00

Sta. 19+00.00 to Sta. 19+50.00

STATE OF MAINE
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HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

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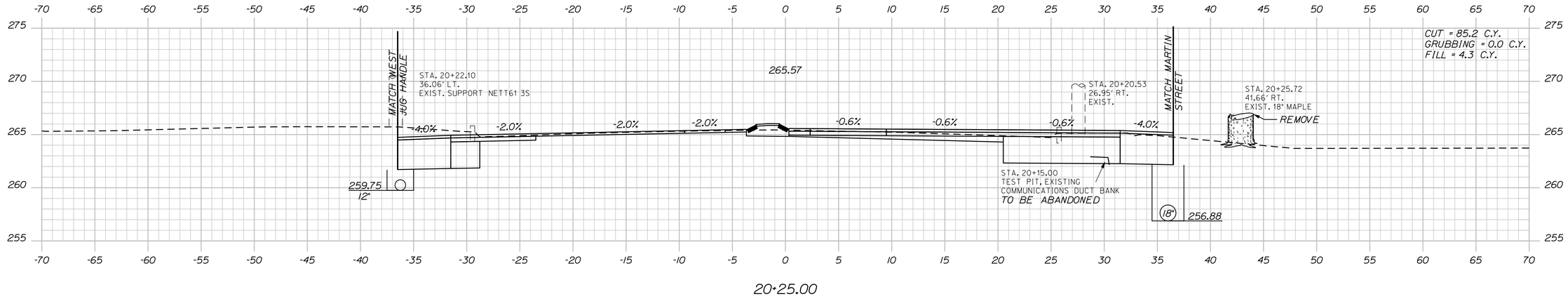
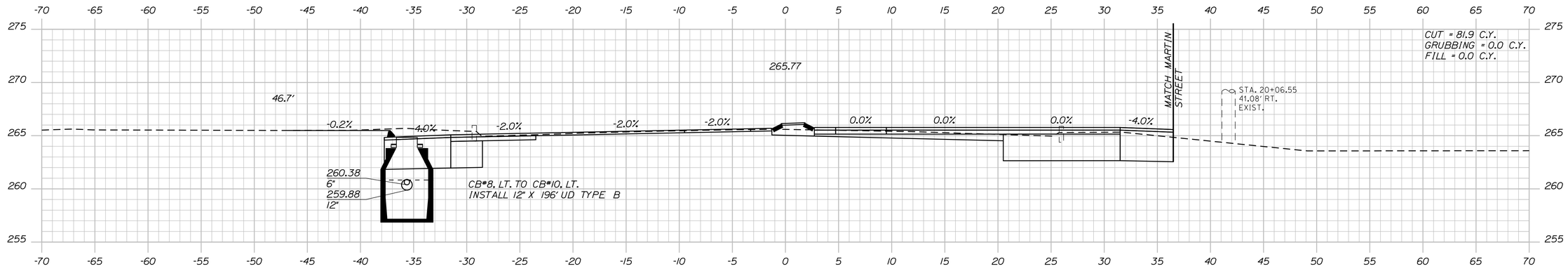
52
OF 98

Filename: ...\MSTA\052_XSECT_19+00_016.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

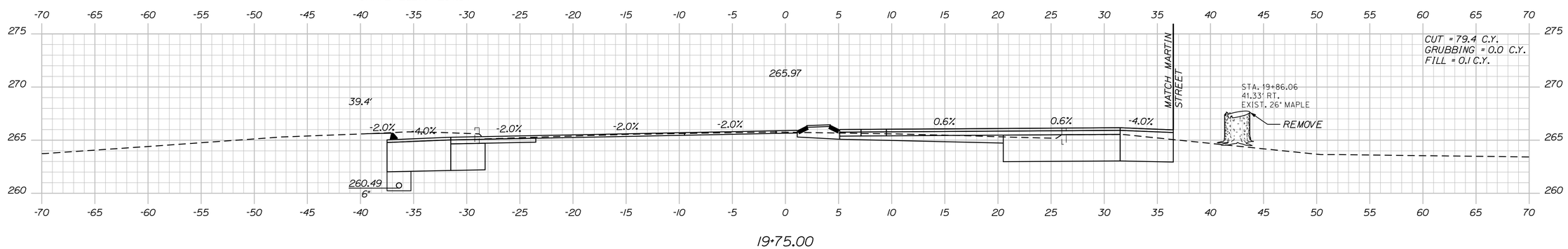


20+25.00



(CB*8) STA. 20+00.00, 35.6' LT.
INSTALL CB TYPE BI-C
GRATE ELEV. = 264.84

20+00.00



19+75.00

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HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
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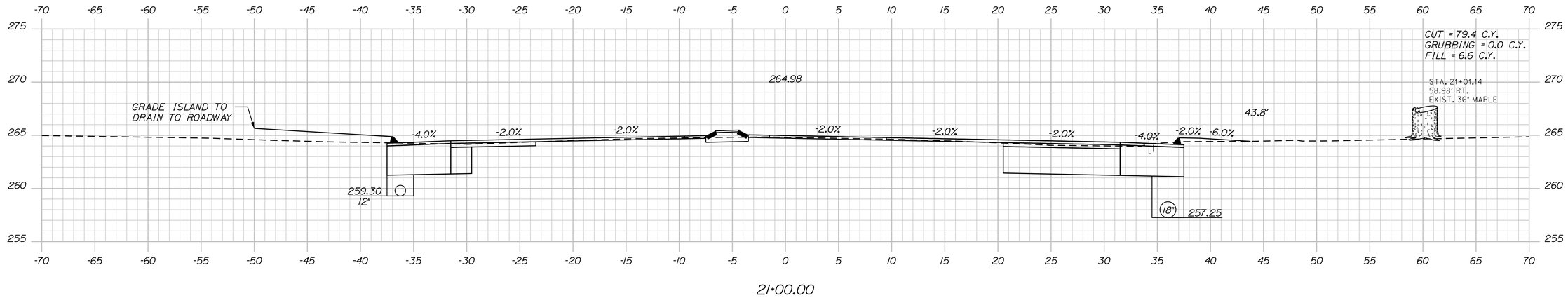
SHEET NUMBER

53

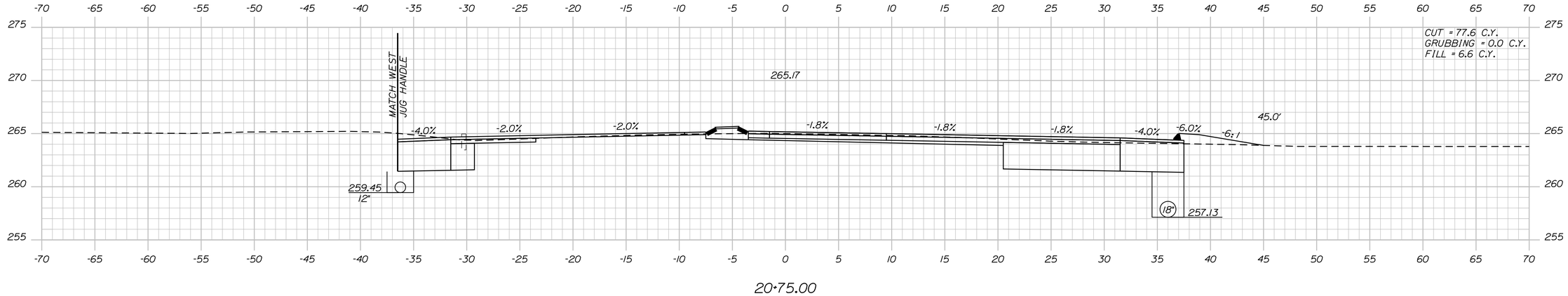
OF 98

Sta. 19+75.00 to Sta. 20+25.00

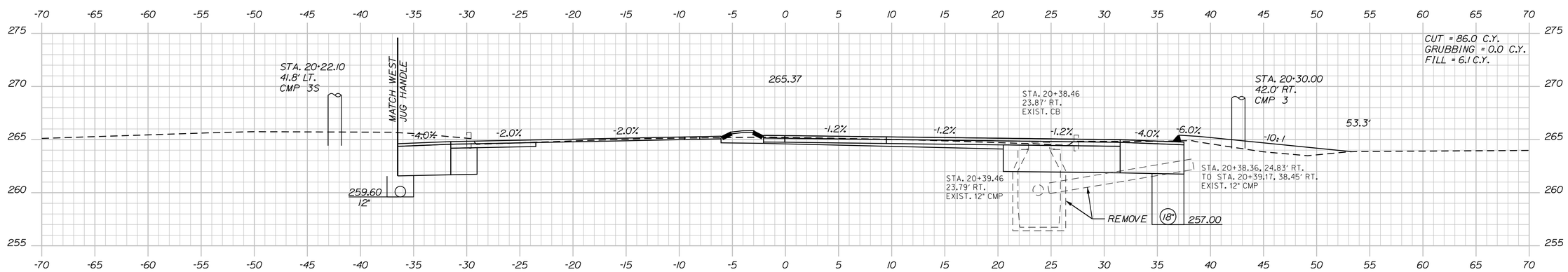
Username: Clark.E.Sullowoy Date:12/8/2021
Division: HIGHWAY
Filename: ...\MSTA\053_XSECT_19+75_017.dgn



21+00.00



20+75.00



20+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

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

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

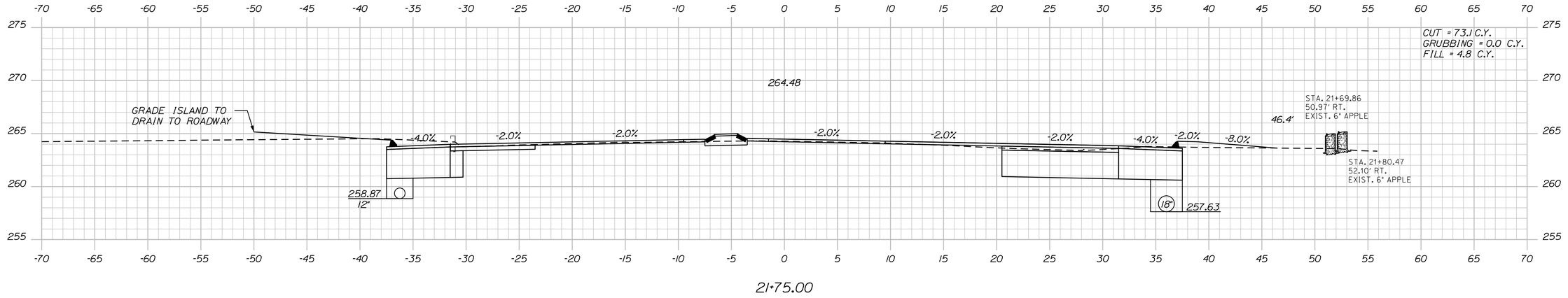
SHEET NUMBER

54

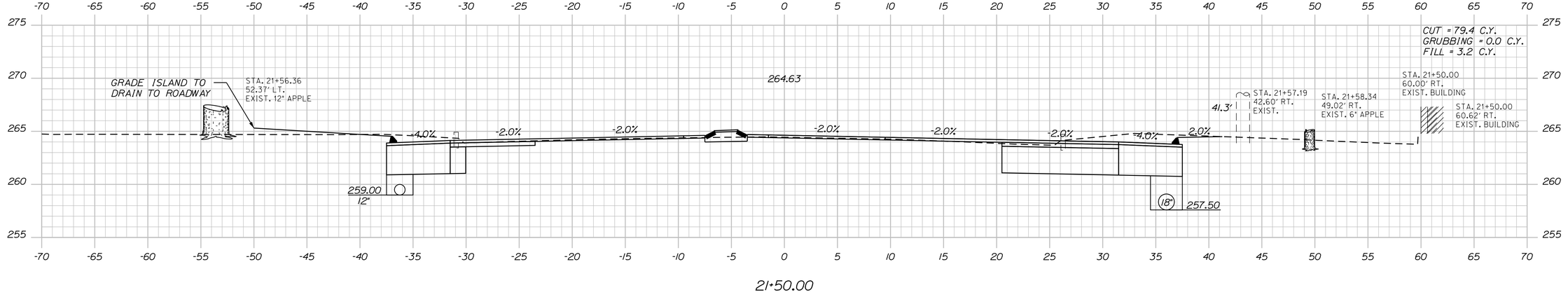
OF 98

Sta. 20+50.00 Sta. 21+00.00

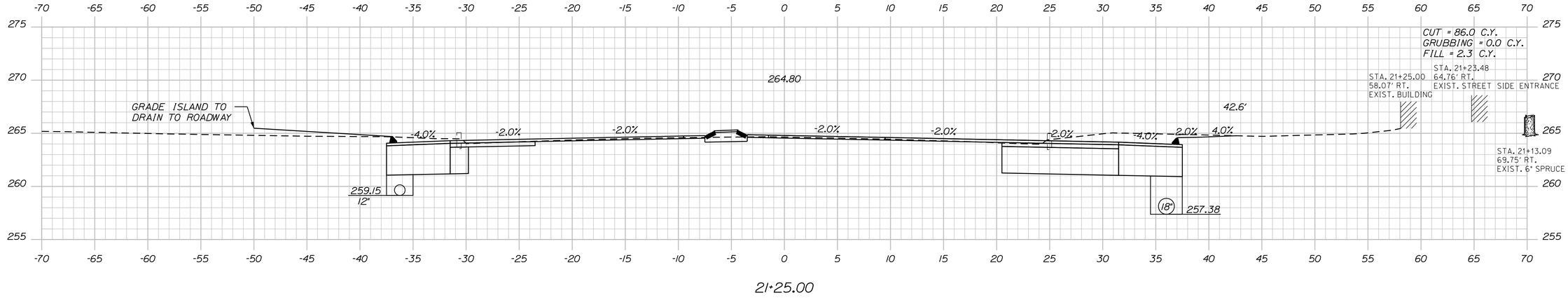
Filename: ...\MSTA\054_XSECT_20+50_018.dgn Username: Clark.E.Sullaway Division: HIGHWAY Date:12/8/2021



21+75.00



21+50.00



21+25.00

Sta. 21+25.00 to Sta. 21+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. SULLOWAY	-----	-----
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	ED2	-----
DESIGN3-DETAILED3	-----	ED3	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

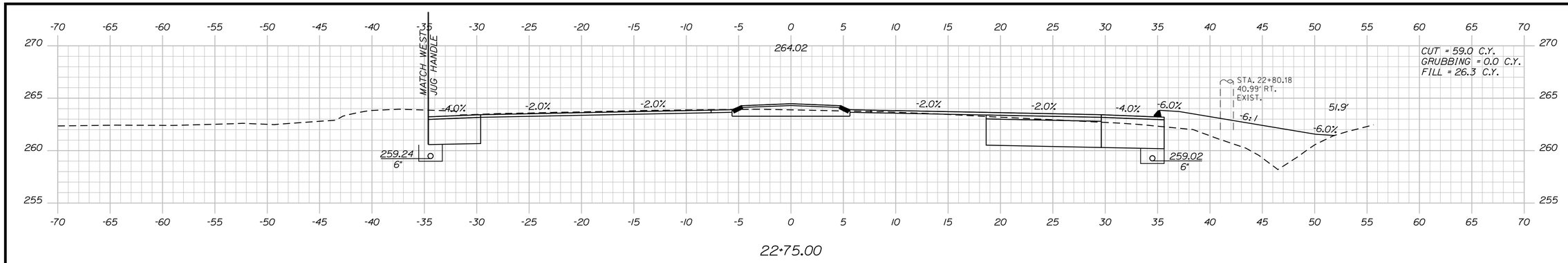
CROSS SECTIONS

SHEET NUMBER

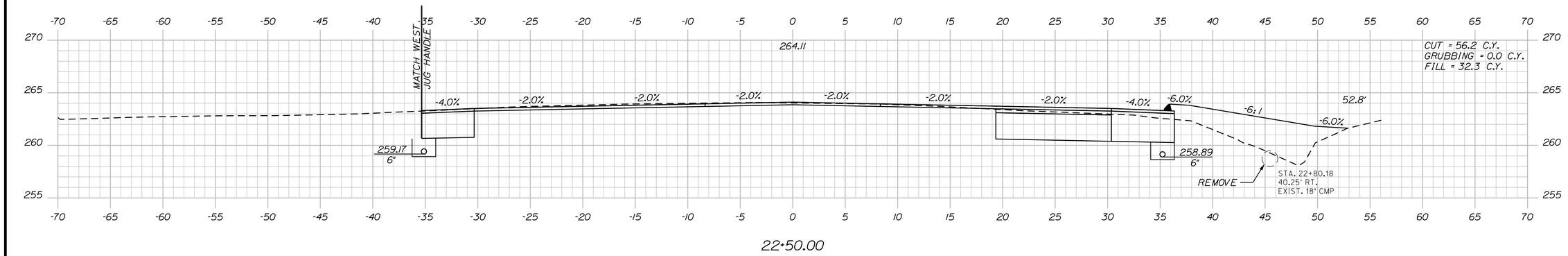
55

OF 98

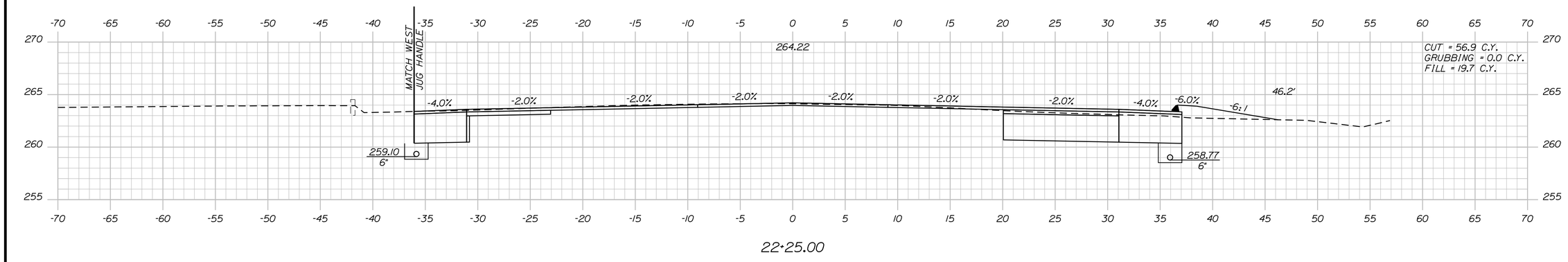
Filename: ...\MSTA\055_XSECT_21+25_019.dgn Division: HIGHWAY Date:12/8/2021 Username: Clark.E.Sullowoy



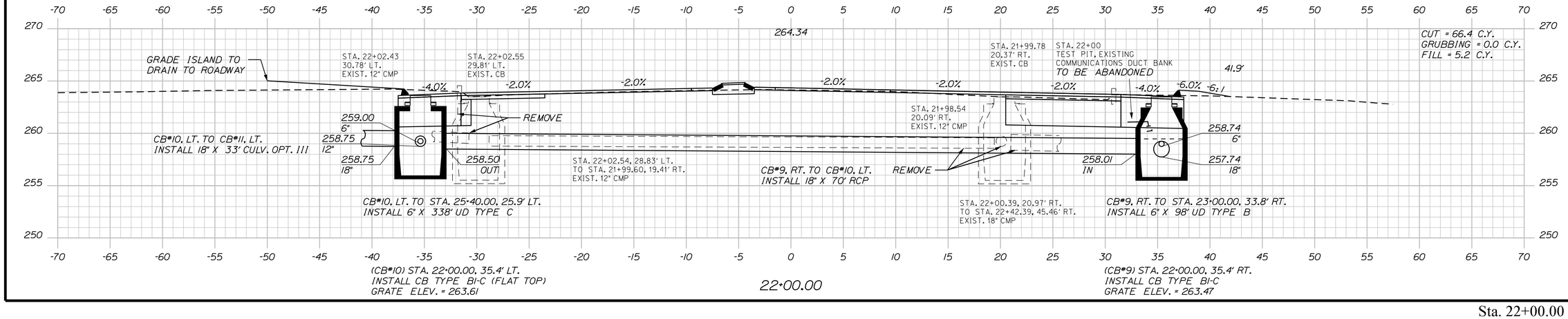
22+75.00



22+50.00



22+25.00



(CB*10) STA. 22+00.00, 35.4' LT.
INSTALL CB TYPE BI-C (FLAT TOP)
GRATE ELEV. = 263.61

22+00.00

(CB*9) STA. 22+00.00, 35.4' RT.
INSTALL CB TYPE BI-C
GRATE ELEV. = 263.47

DEPARTMENT OF TRANSPORTATION
STATE OF MAINE

DATE BY

PROJ. MANAGER RHOBE MOULTON

		SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	C. SULLOWAY			
CHECKED-REVIEWED				
DESIGN2-DETAILED2				
DESIGN3-DETAILED3				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

WIN
021766.00

HIGHWAY PLANS

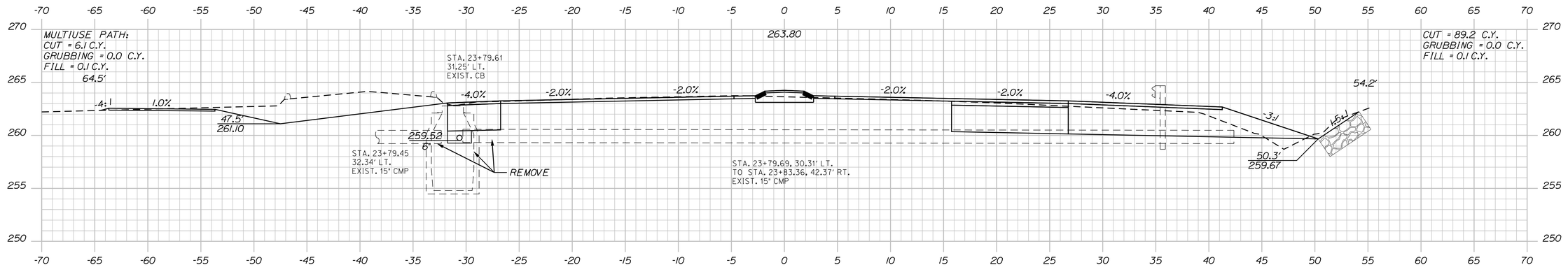
AUBURN
ROUTE 4

CROSS SECTIONS

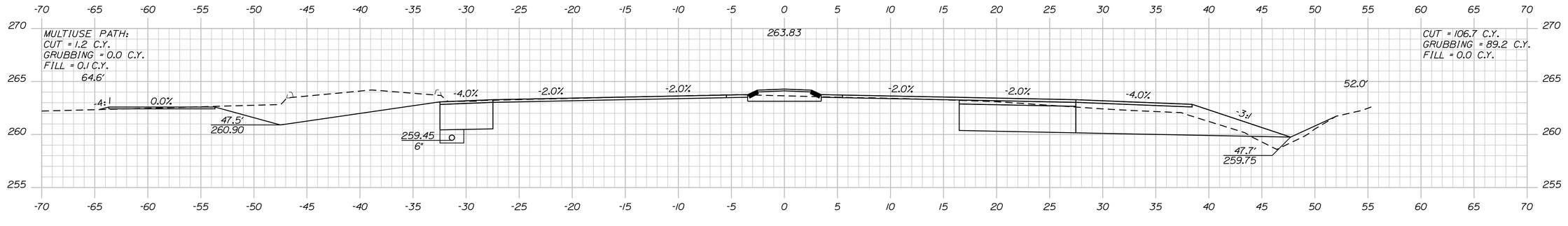
SHEET NUMBER
56
OF 98

Filename: ...\MSTA\056_XSECT_22+00_020.dgn Username: Clark.E.Sullowoy Division: HIGHWAY Date:12/8/2021

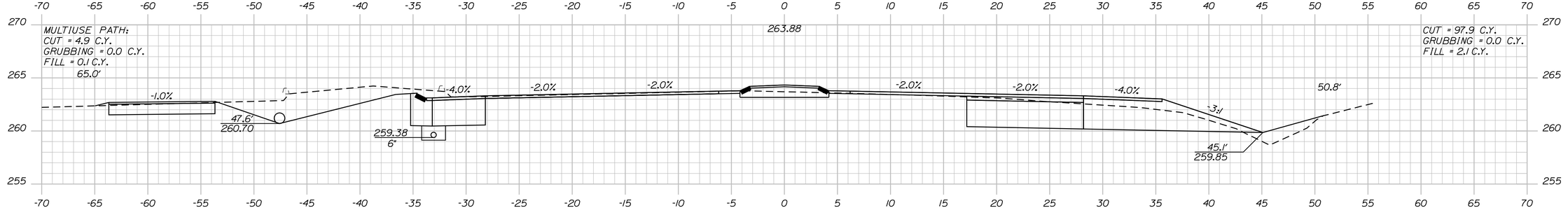
Sta. 22+00.00 to Sta. 22+75.00



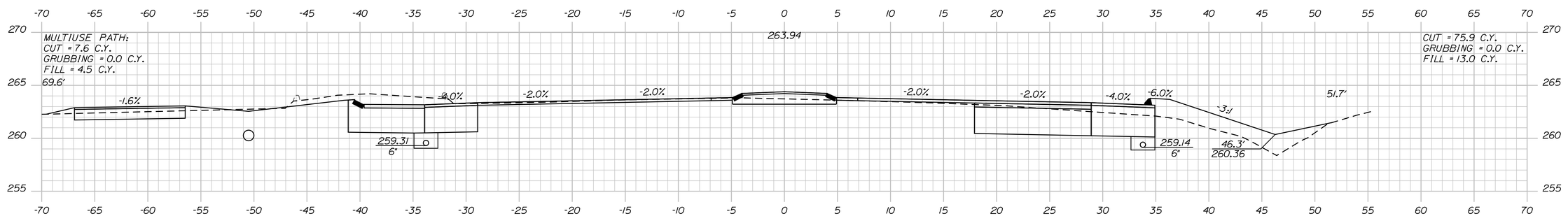
23+75.00



23+50.00



23+25.00



23+00.00

Sta. 23+00.00 to Sta. 23+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

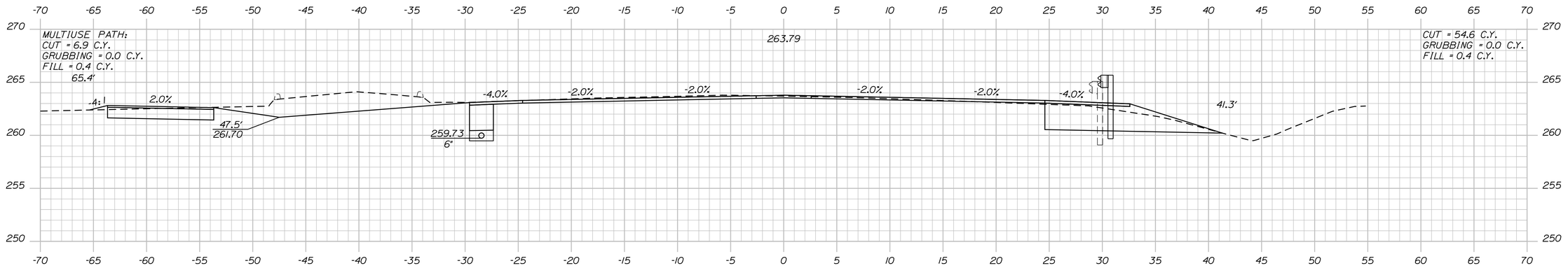
CROSS SECTIONS

SHEET NUMBER

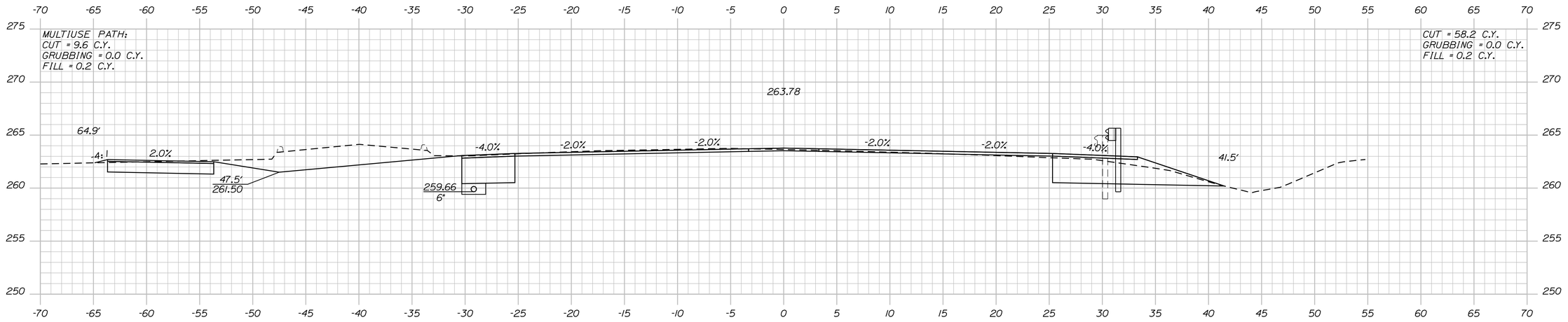
57

OF 98

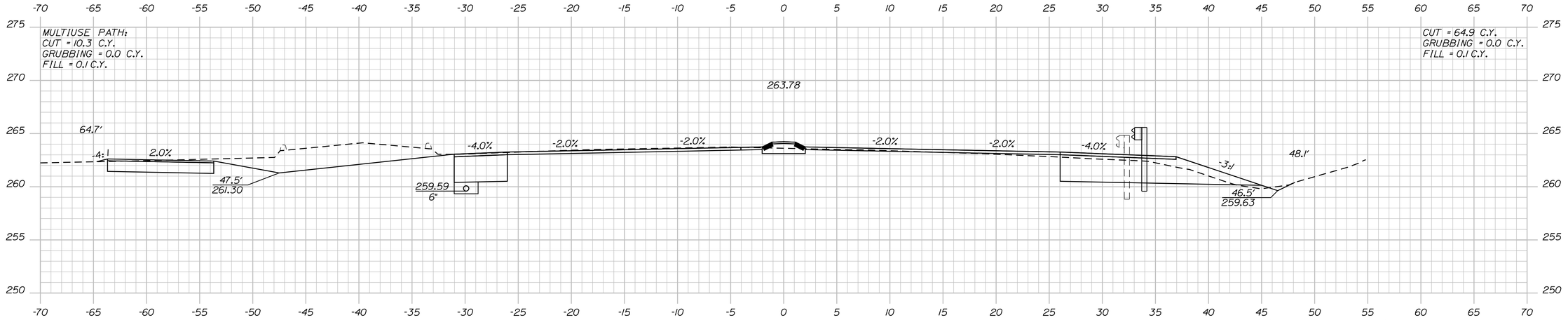
Filename: ...\MSTA\057_XSECT_23+00_021.dgn Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021



24+50.00



24+25.00



24+00.00

STA. 24+16.66, 30.5' RT.
INSTALL 31" W-BEAM GUARDRAIL,
MID-WAY SPLICE FLARED TERMINAL

STA. 24+16.66, 30.5' RT. TO STA. 29+60.10, 27.0' RT.
INSTALL 543.75 LF 31" W-BEAM GUARDRAIL -
MID-WAY SPLICE, SINGLE FACED

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

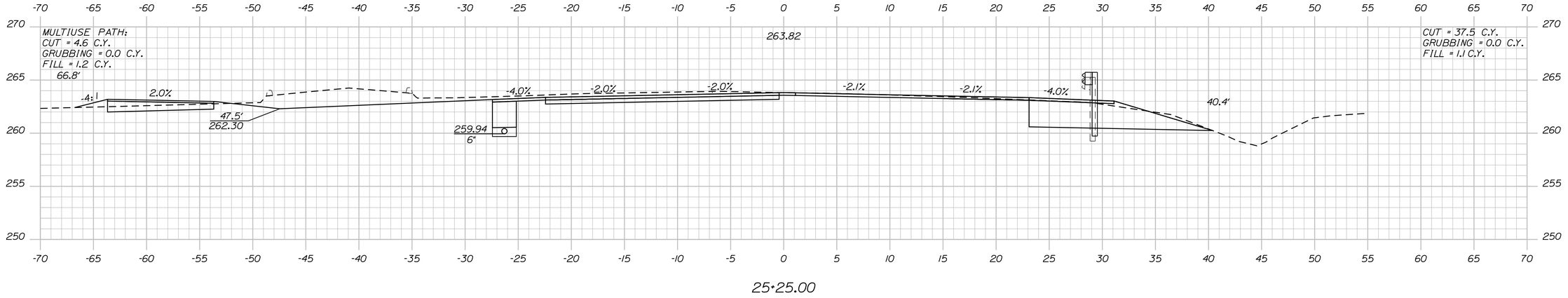
SHEET NUMBER

58

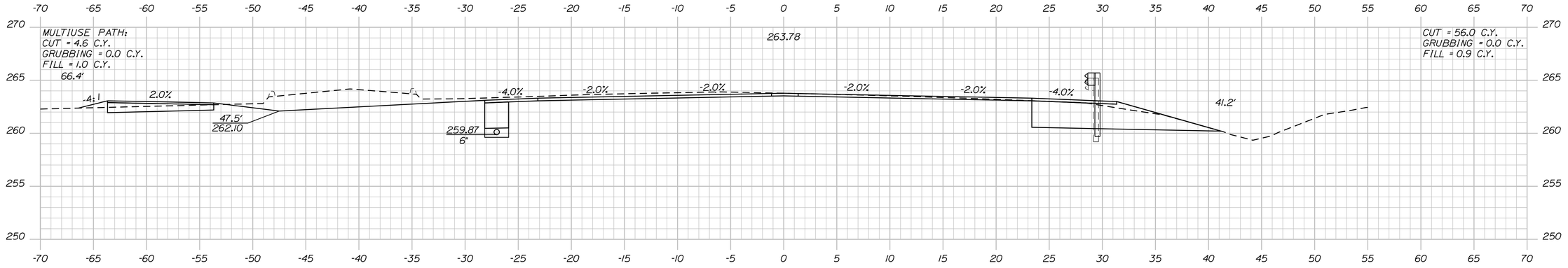
OF 98

Sta. 24+00.00 to Sta. 24+50.00

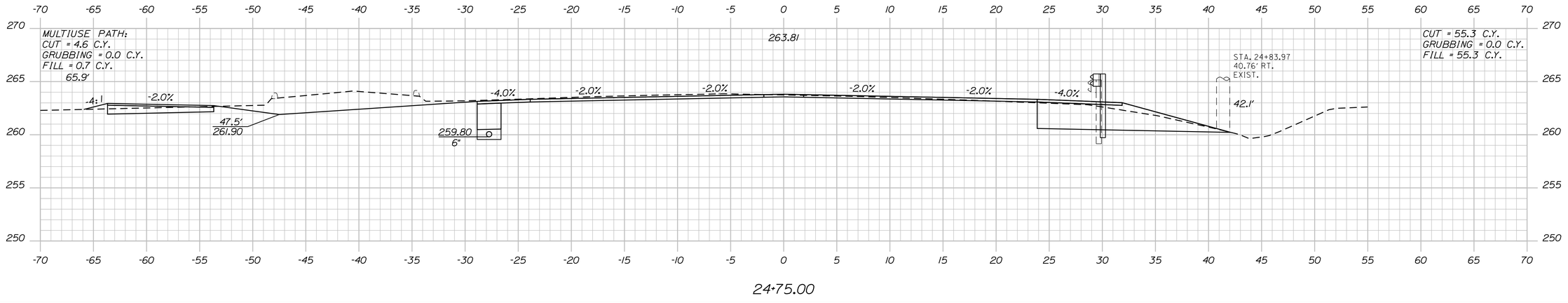
Filename: ...\MSTA\058_XSECT_24+00_022.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



25+25.00



25+00.00



24+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

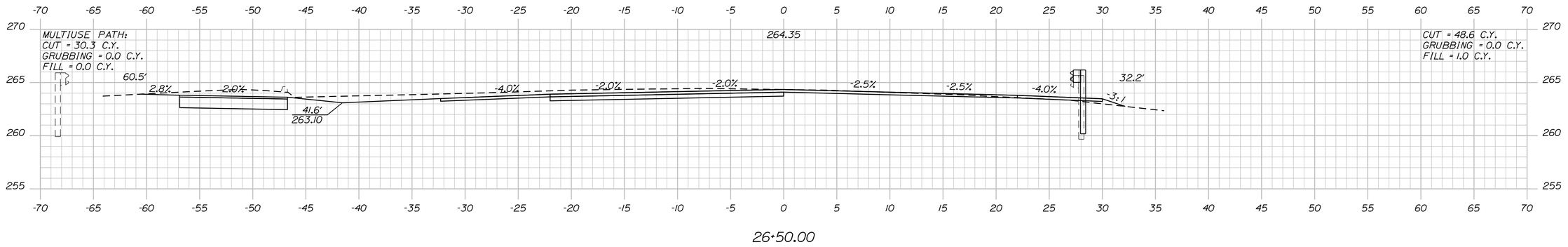
SHEET NUMBER

59

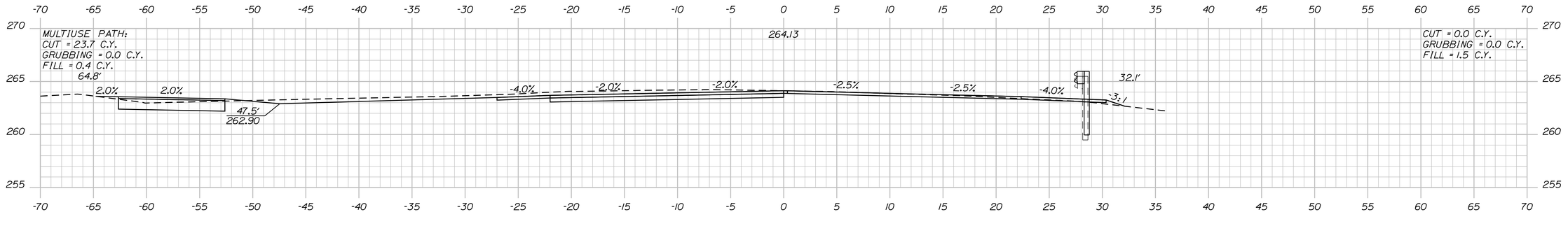
OF 98

Sta. 24+75.00 to Sta. 25+25.00

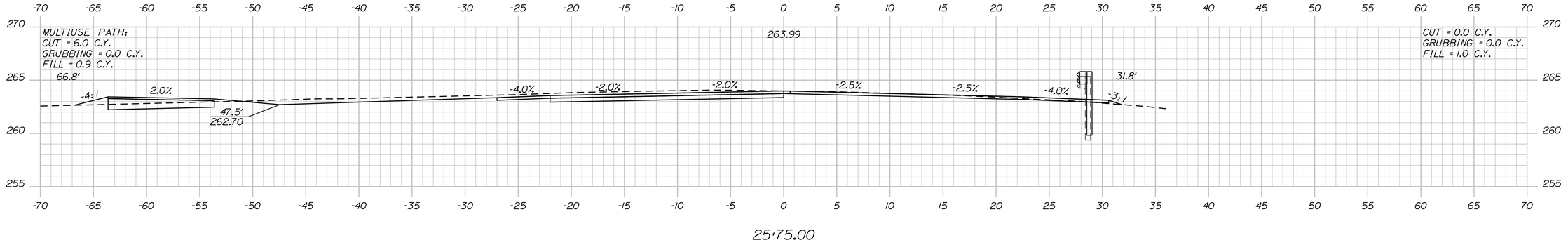
Filename: ...\MSTA\059_XSECT_24+75_023.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



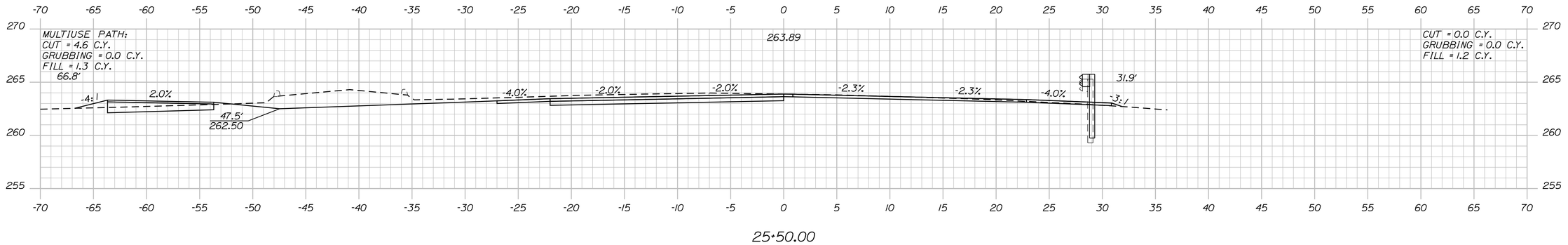
26+50.00



26+00.00



25+75.00



25+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

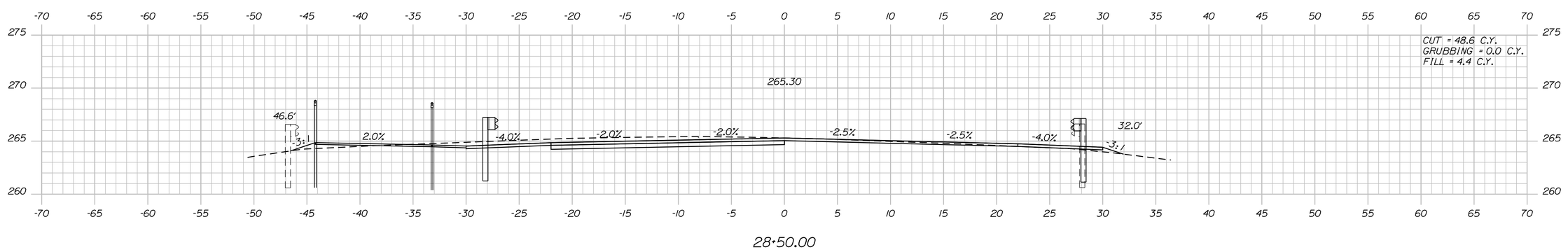
SHEET NUMBER

60

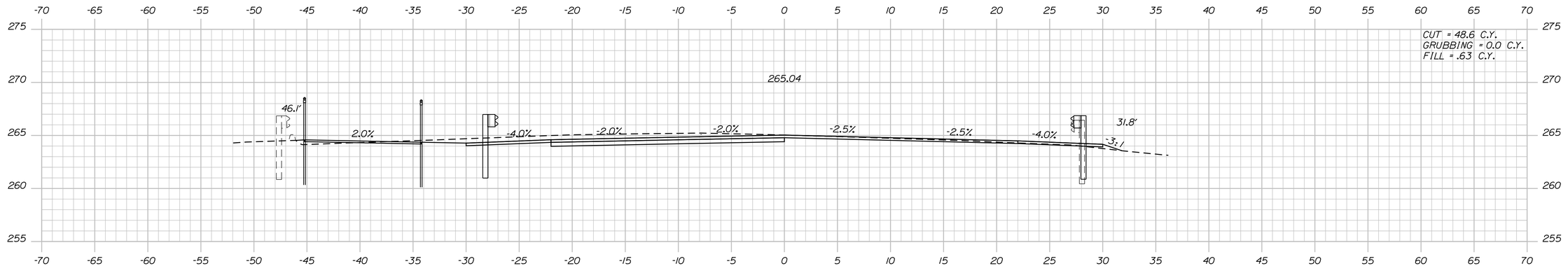
OF 98

Sta. 25+50.00 to Sta. 26+50.00

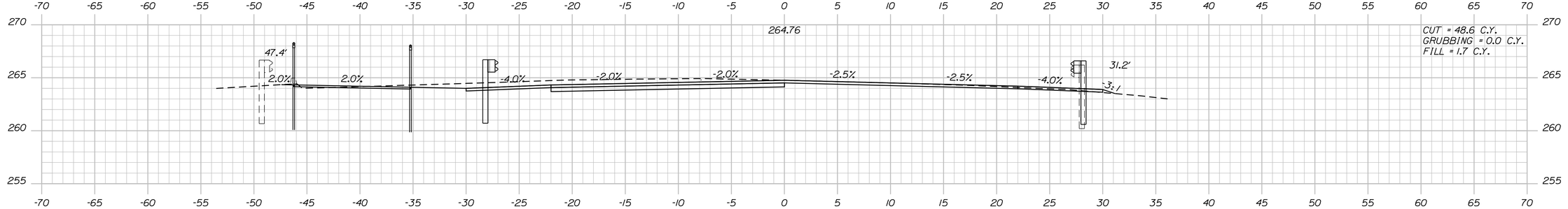
Filename: ...\MSTA\060_XSECT_25+50_024.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



28+50.00



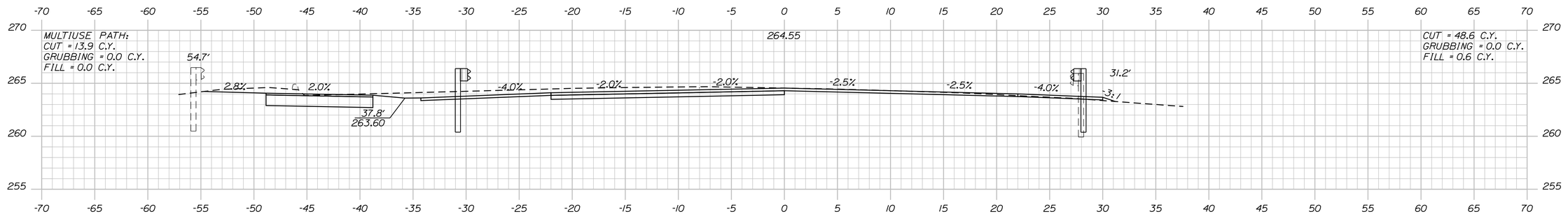
28+00.00



27+50.00

STA. 27+47.52, 46.3' LT. TO STA. 29+47.50, 42.2' LT.
INSTALL CHAIN LINK FENCE - 4 FOOT

STA. 27+43.12, 46.3' LT. TO STA. 29+72.60, 27.5' LT.
INSTALL CHAIN LINK FENCE - 4 FOOT



27+00.00

STA. 27+22.60, 27.0' LT. INSTALL 31' W-BEAM GUARDRAIL, MID-WAY SPLICE FLARED TERMINAL

STA. 27+22.60, 27.0' LT. TO STA. 29+53.85, 27.0' LT. INSTALL 231.25 LF 31' W-BEAM GUARDRAIL - MID-WAY SPLICE, SINGLE FACED

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

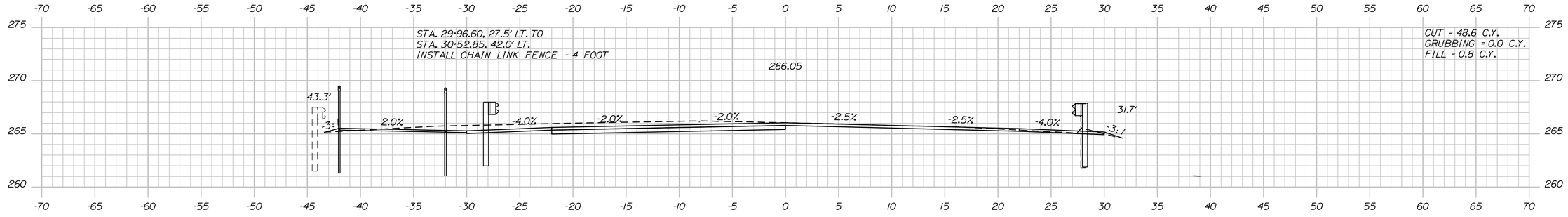
SHEET NUMBER

61

OF 98

Sta. 27+00.00 to Sta. 28+50.00

Filename: ...\MSTA\061_XSECT_27+00_025.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



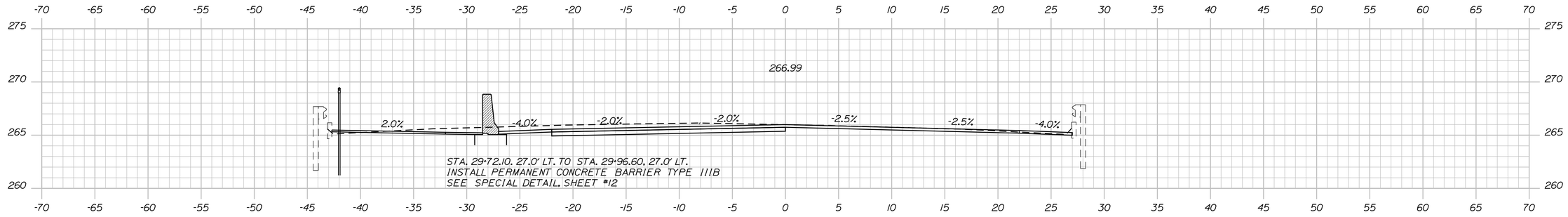
STA. 30+15.42, 27.0' LT. TO STA. 31+72.32, 27.0' LT.
INSTALL 156.25 LF 31" W-BEAM GUARDRAIL -
MID-WAY SPLICE, SINGLE FACED

STA. 29+96.60, 27.0' LT. TO STA. 30+15.72, 27.0' LT.
INSTALL 31" BRIDGE TRANSITION - TYPE IA

30+00.00

STA. 29+96.60, 27.0' RT. TO STA. 30+09.00, 27.0' RT.
INSTALL BRIDGE TRANSITION TYPE II

STA. 30+09.05, 27.0' RT. TO STA. 30+90.00, 27.0' RT.
INSTALL 81.25 LF 31" W-BEAM GUARDRAIL -
MID-WAY SPLICE, SINGLE FACED

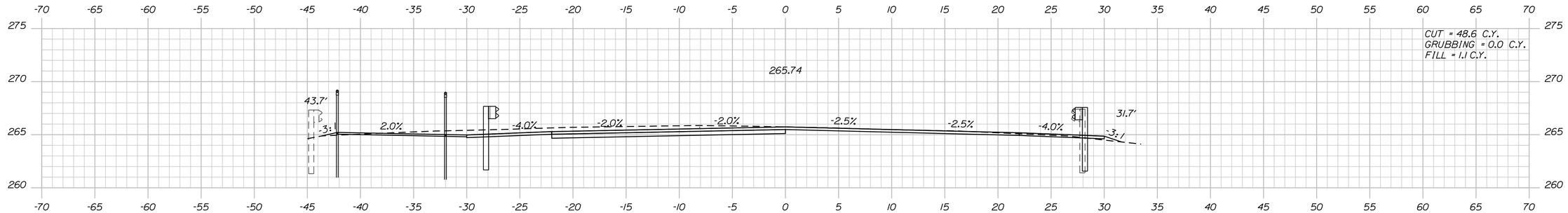


STA. 29+52.50, 42.1' LT. TO
STA. 30+52.85, 42.0' LT.
INSTALL CHAIN LINK FENCE - 4 FOOT

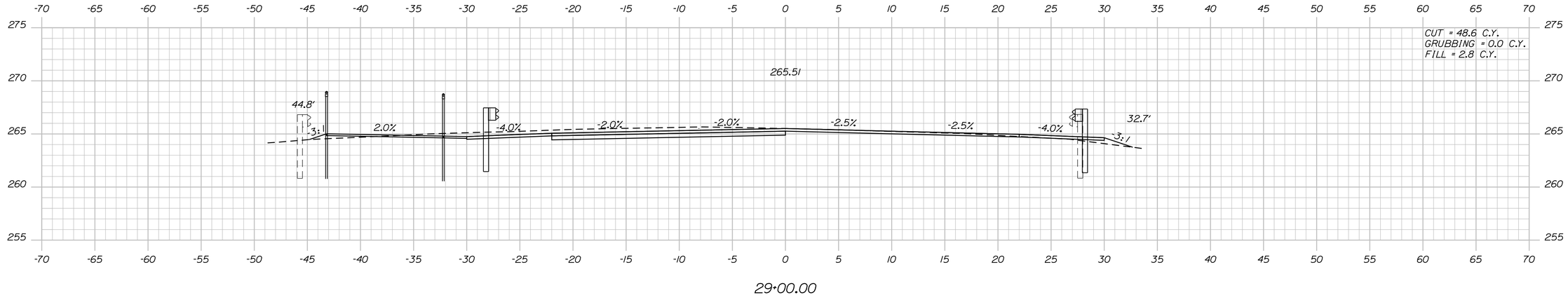
STA. 29+53.85, 27.0' LT. TO STA. 29+72.60, 27.0' LT.
INSTALL BRIDGE TRANSITION TYPE IA

29+85.00

STA. 29+60.10, 27.0' RT. TO STA. 29+72.60, 27.0' RT.
INSTALL BRIDGE TRANSITION - TYPE II



29+50.00



29+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

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ROUTE 4

CROSS SECTIONS

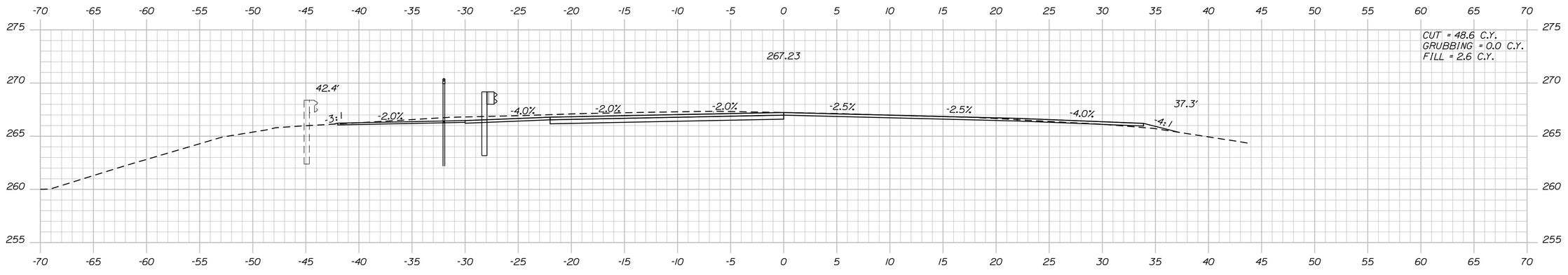
SHEET NUMBER

62

OF 98

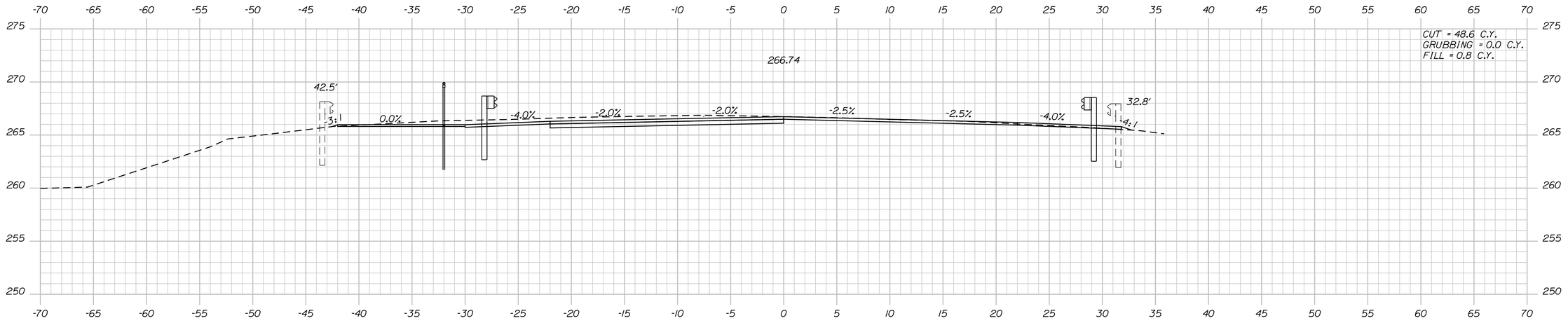
Sta. 29+00.00 to Sta. 30+00.00

Filename: ...\MSTA\062_XSECT_29+00_026.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

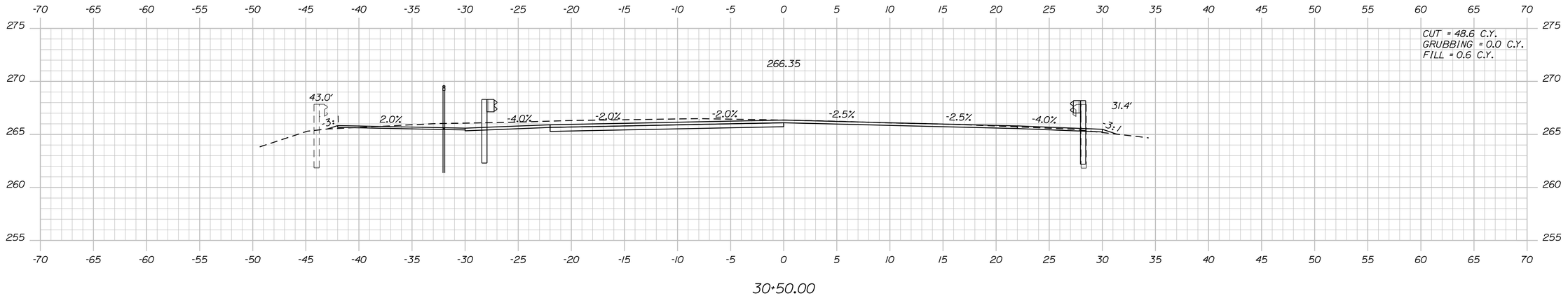


31+50.00

STA. 30+90.00, 27.0' RT.
INSTALL 31" W-BEAM GUARDRAIL.
MID-WAY SPLICE FLARED TERMINAL



31+00.00



30+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER: RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

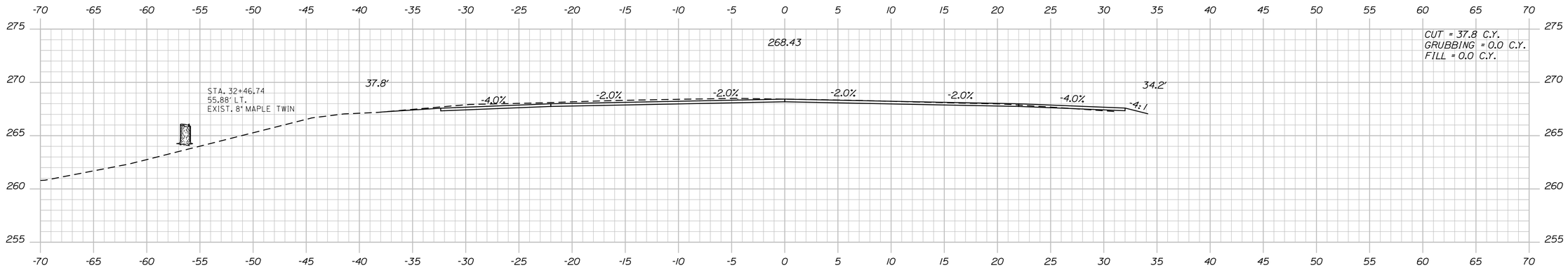
SHEET NUMBER

63

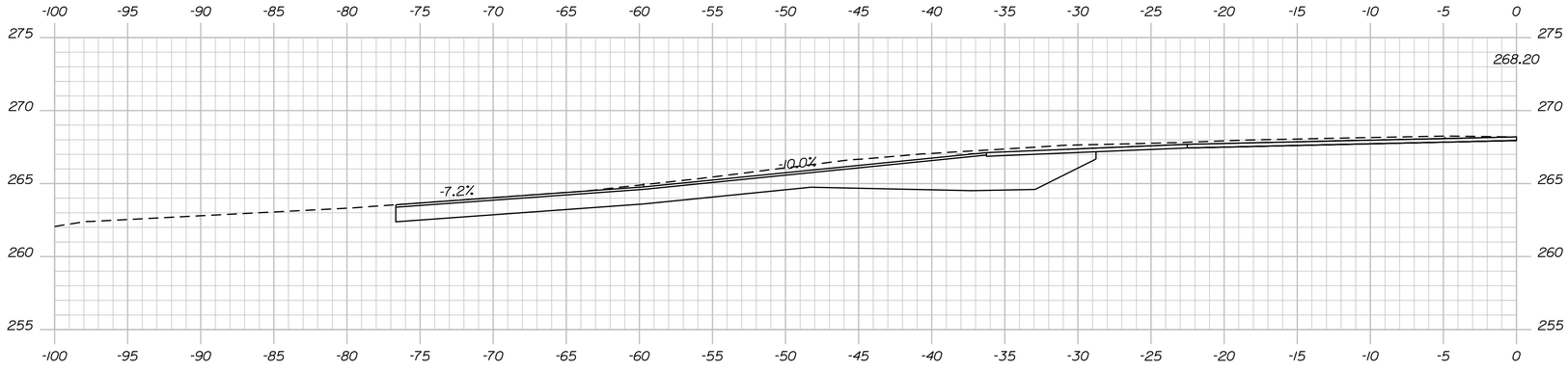
OF 98

Sta. 30+50.00 to Sta. 31+50.00

Filename: ...\MSTA\063_XSECT_30-50_027.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

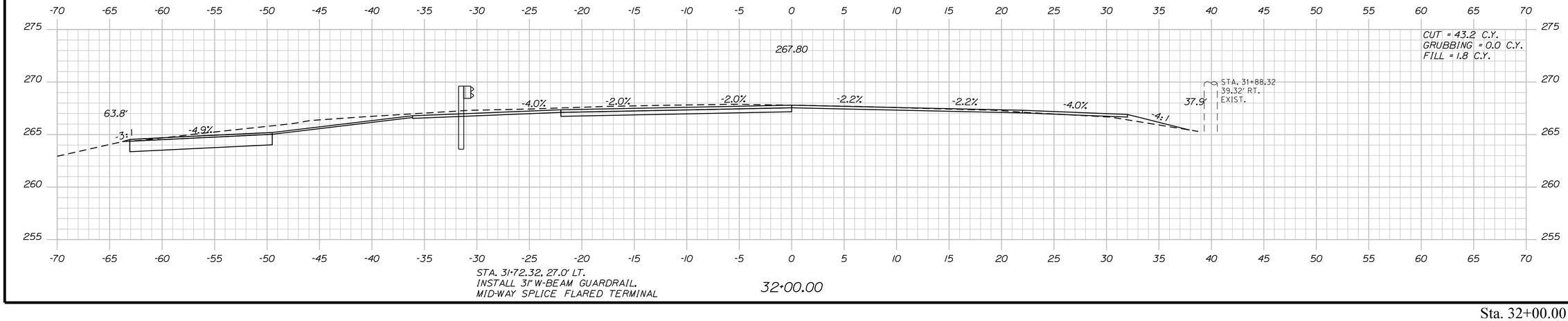


32+50.00



STA. 32+32.86, LT.
CONSTRUCT PAVED ENT..

32+32.86 (SKEWED)



STA. 31+72.32, 27.0' LT.
INSTALL 31' W-BEAM GUARDRAIL,
MID-WAY SPLICE FLARED TERMINAL

32+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

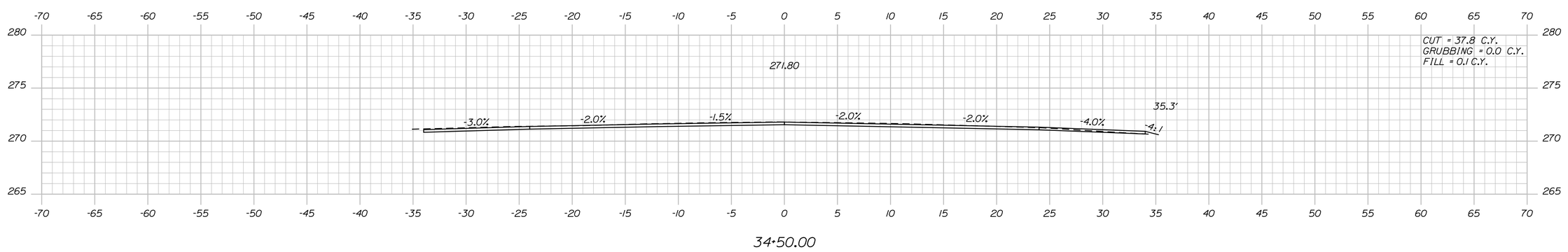
SHEET NUMBER

64

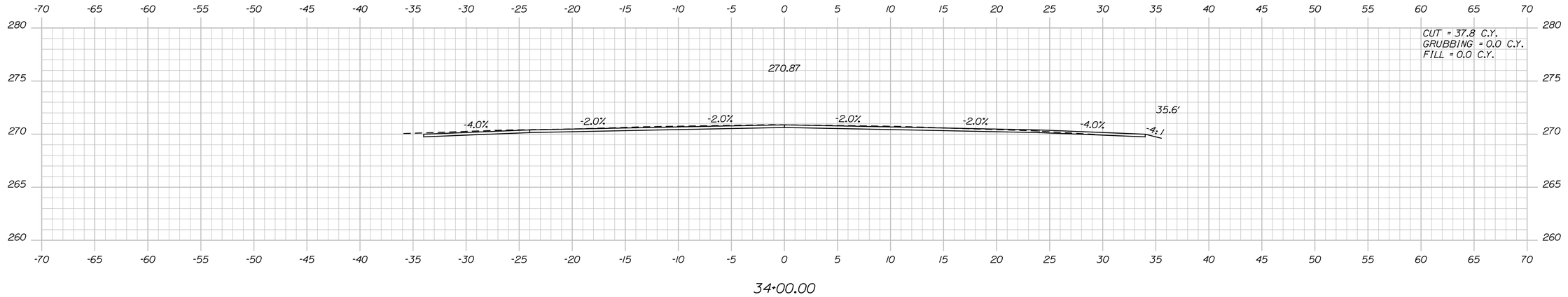
OF 98

Sta. 32+00.00 to Sta. 32+50.00

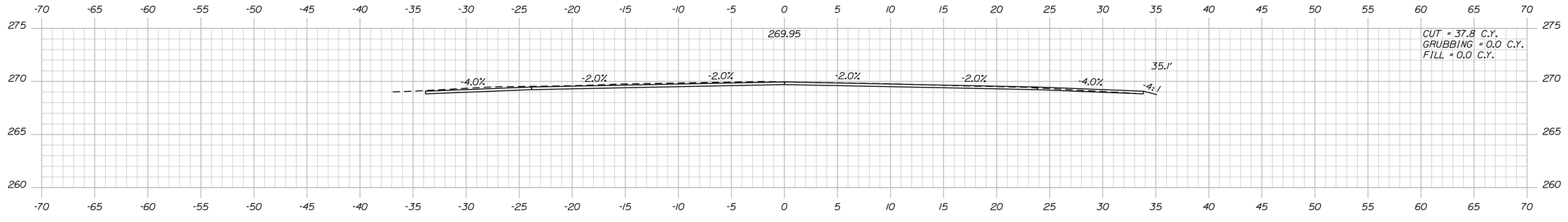
Filename: ...\MSTA\064_XSECT_32+00_028.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



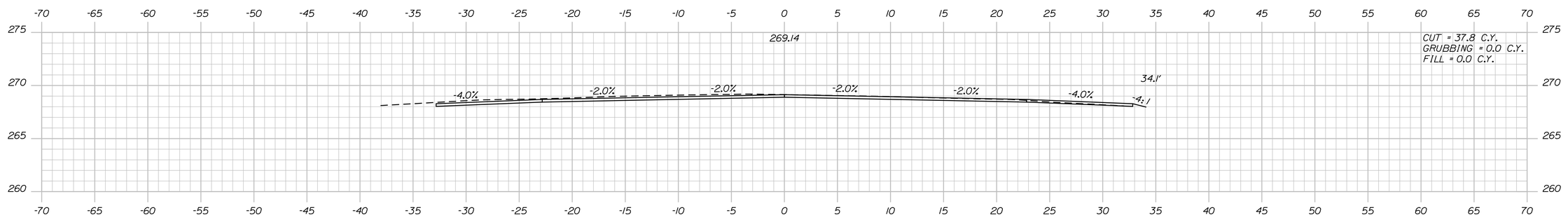
34+50.00



34+00.00



33+50.00



33+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

SHEET NUMBER

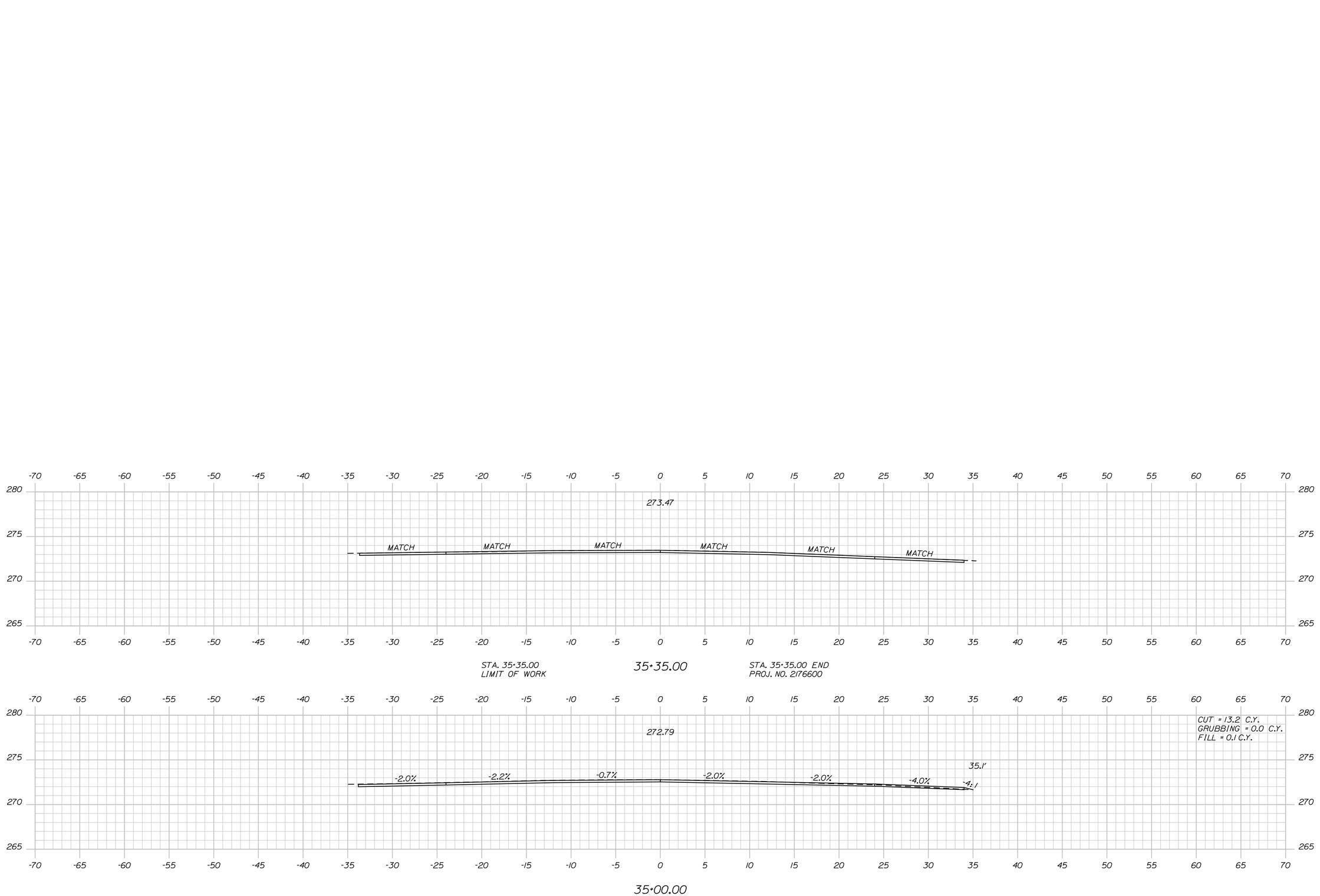
65

OF 98

Sta. 33+00.00 to Sta. 34+50.00

Filename: ...\MSTA\065_XSECT_33+00_029.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

Filename: ...\MSTA\066_XSECT_35+00_030.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. SULLOWAY	-------	---
CHECKED-REVIEWED	-----	-----	SIGNATURE
DESIGN2-DETAILED2	-------	-------	-----
DESIGN3-DETAILED3	-------	-------	P.E. NUMBER
REVISIONS 1	-------	-------	-----
REVISIONS 2	-------	-------	-----
REVISIONS 3	-------	-------	DATE
REVISIONS 4	-------	-------	-----
FIELD CHANGES	-------	-------	-----

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

AUBURN
ROUTE 4

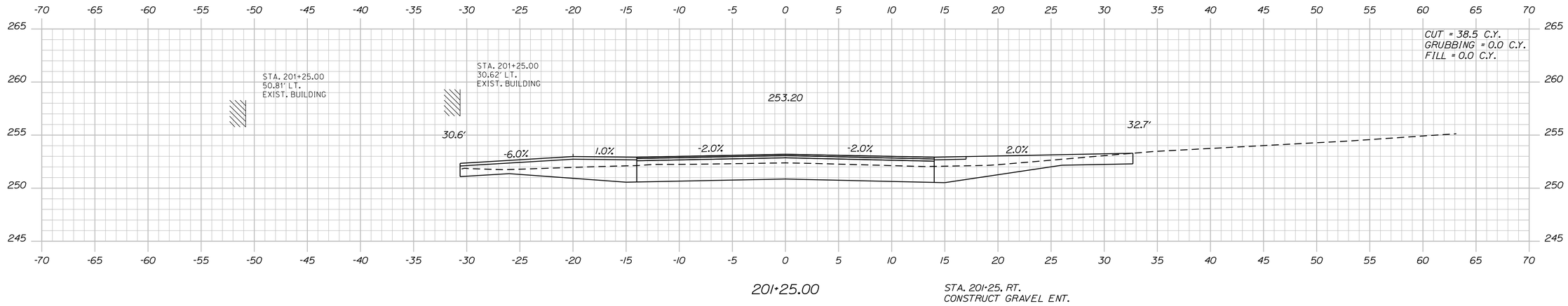
CROSS SECTIONS

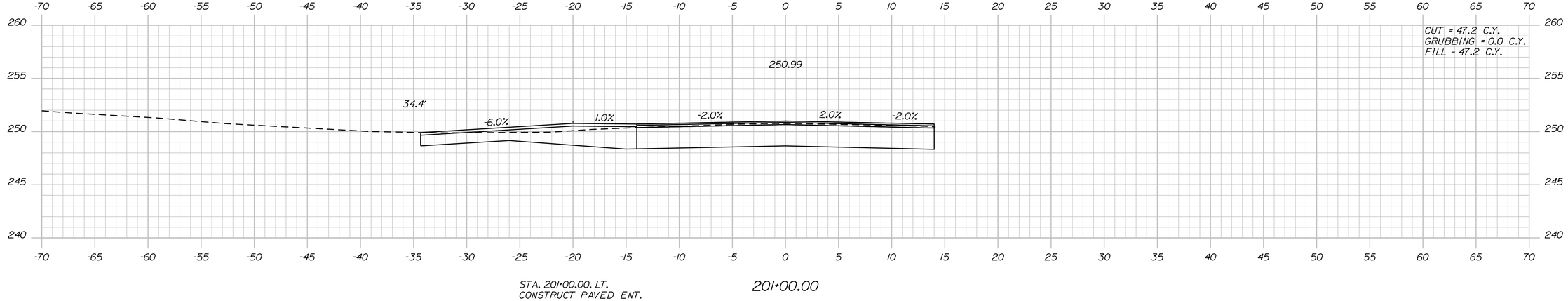
SHEET NUMBER

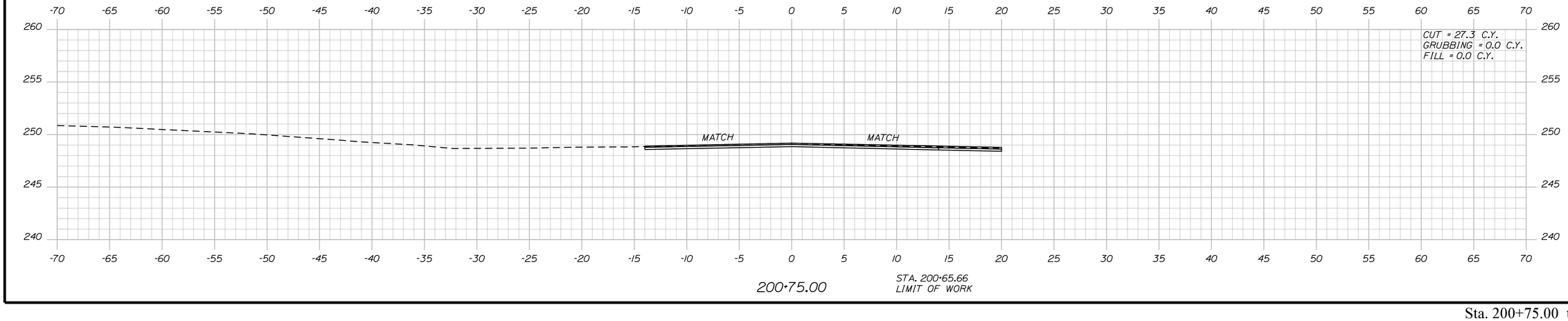
66

OF 98

Sta. 35+00.00 to Sta. 35+35.00







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
OAK HILL ROAD

CROSS SECTIONS

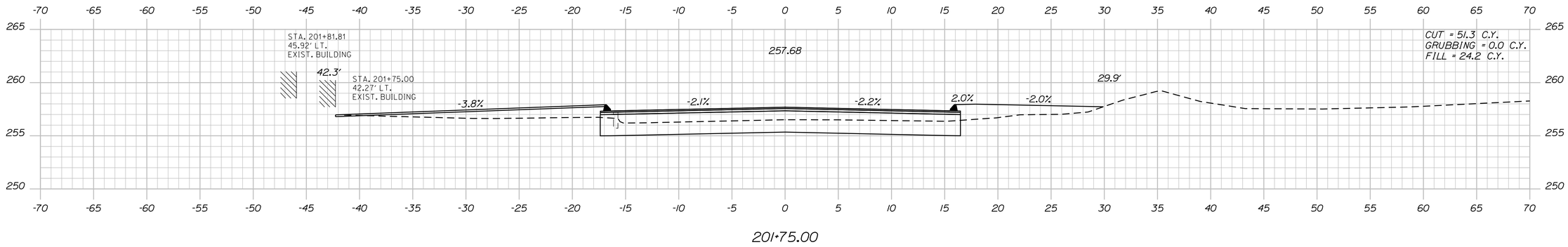
SHEET NUMBER

67

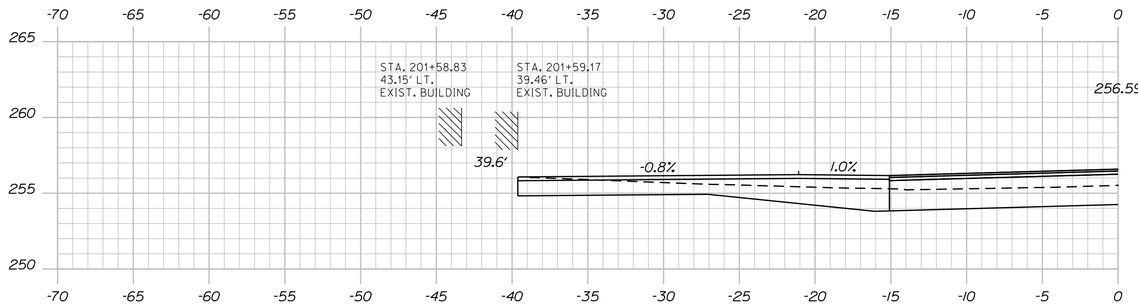
OF 98

Sta. 200+75.00 to Sta. 201+25.00

Filename: ...\MSTA\067_XSECT_200+75_001.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

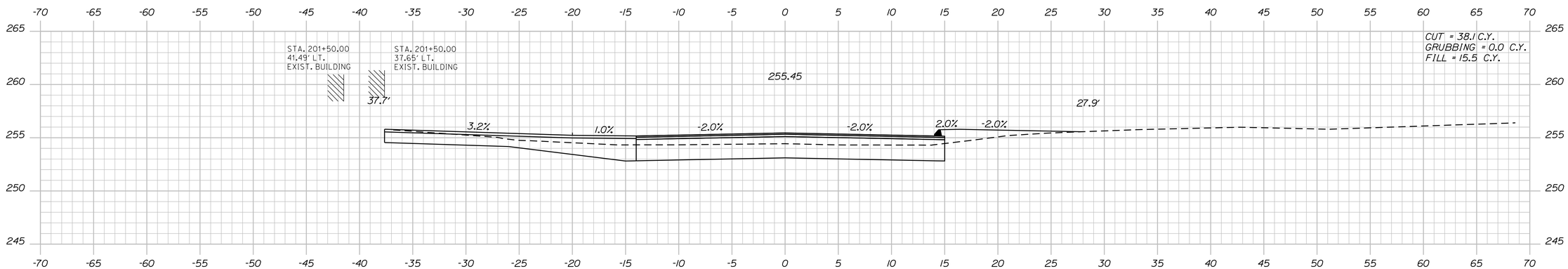


201+75.00



STA. 201+62.74, LT.
CONSTRUCT PAVED ENT.

201+62.74 (SKEWED)



201+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	-----
CHECKED-REVIEWED	-----	-----
DESIGN2-DETAILED2	-----	-----
DESIGN3-DETAILED3	-----	-----
REVISIONS 1	-----	-----
REVISIONS 2	-----	-----
REVISIONS 3	-----	-----
REVISIONS 4	-----	-----
FIELD CHANGES	-----	-----

SIGNATURE

P.E. NUMBER

DATE

AUBURN
OAK HILL ROAD

CROSS SECTIONS

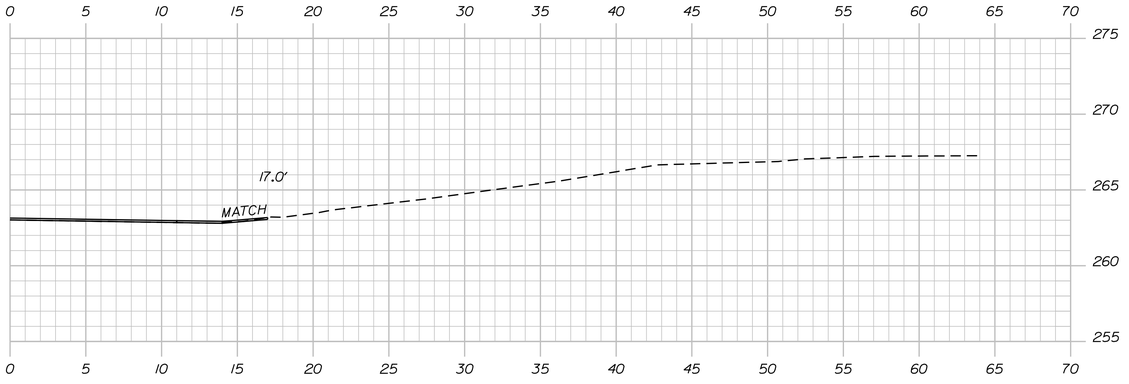
SHEET NUMBER

68

OF 98

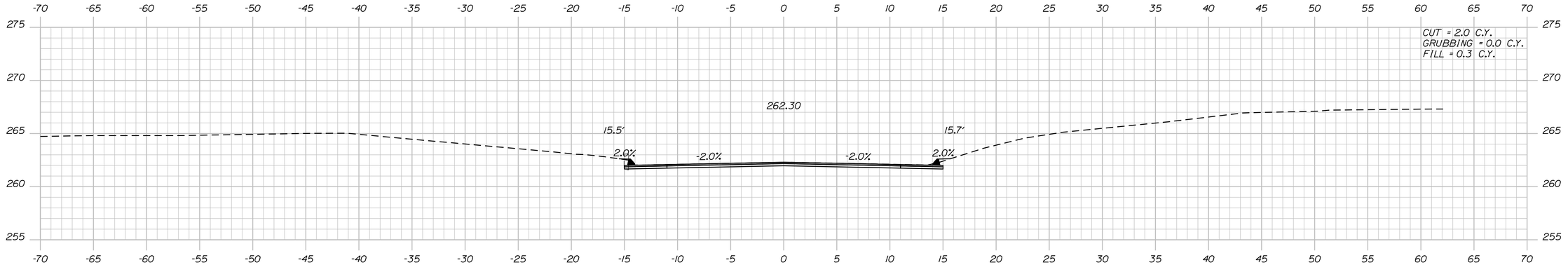
Sta. 201+50.00 to Sta. 201+75

Filename: ...\MSTA\068_XSECT_201+50_002.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



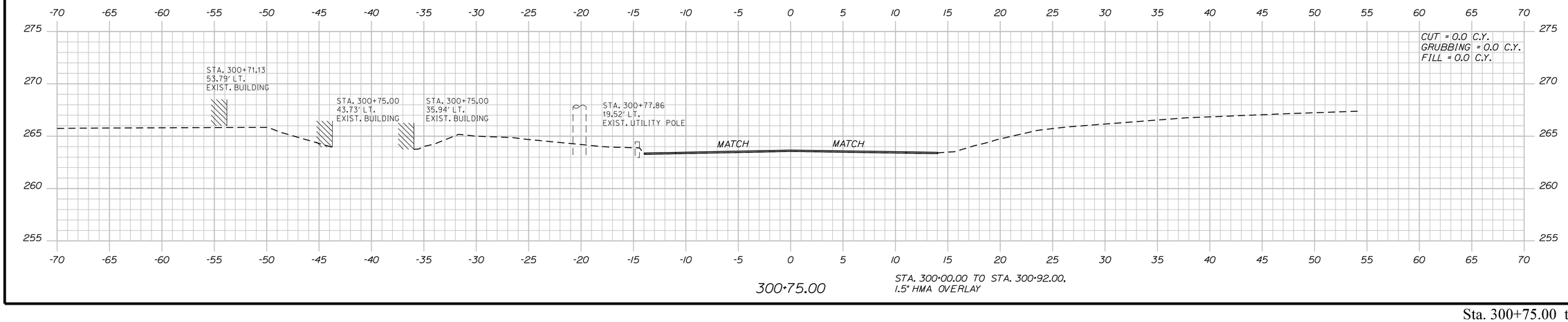
300+82.00

STA. 300+82.00, RT.
CONSTRUCT PAVED DR. LIP



300+92.00

STA. 300+92.00, END HMA OVERLAY
BEGIN PARTIAL DEPTH RECONSTRUCTION



300+75.00

STA. 300+00.00 TO STA. 300+92.00.
1.5" HMA OVERLAY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER: RHOBE MOULTON		
DESIGN-DETAILED: C. SULLOWAY		
CHECKED-REVIEWED:		
DESIGN2-DETAILED2:		
DESIGN3-DETAILED3:		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
LILLIAN STREET

CROSS SECTIONS

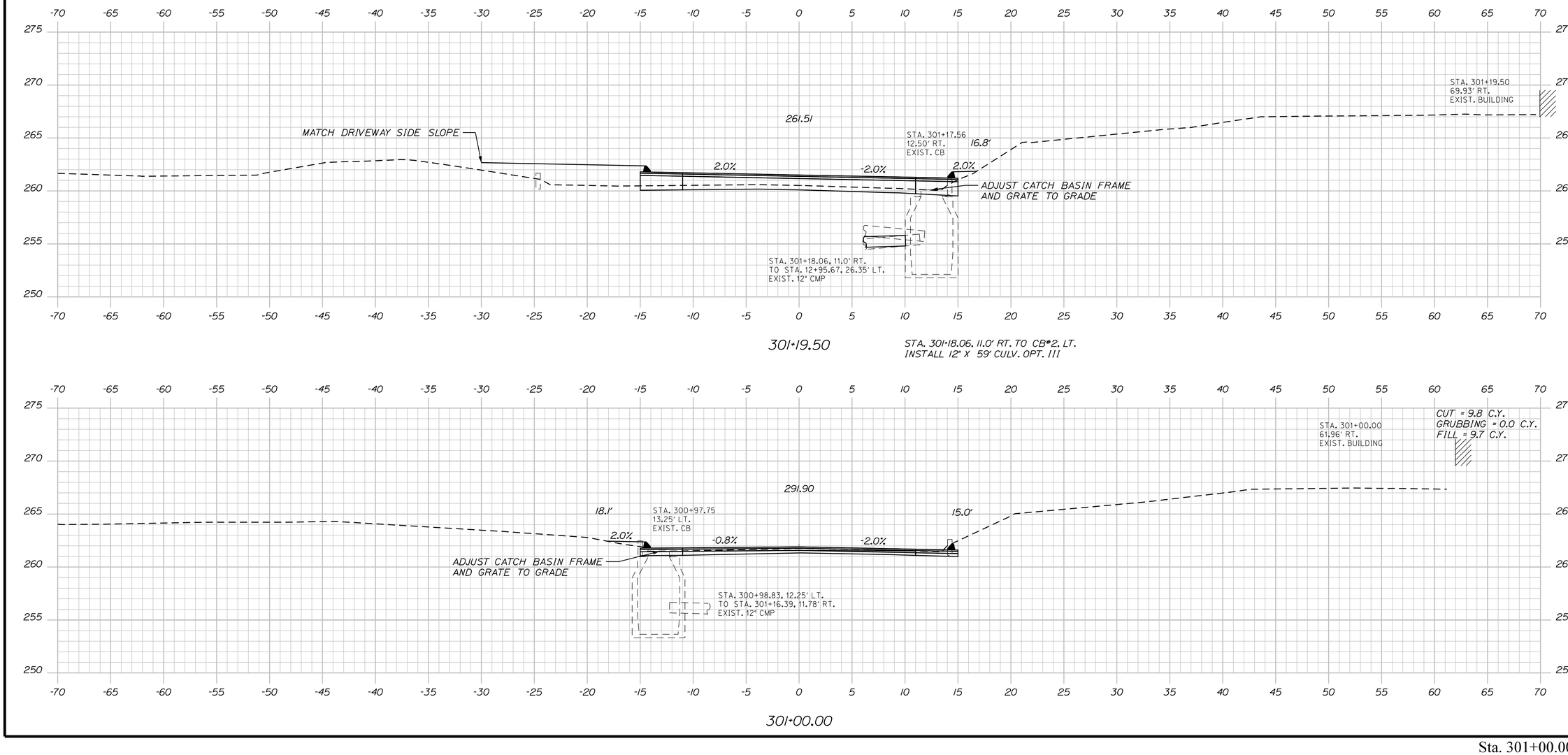
SHEET NUMBER

69

OF 98

Sta. 300+75.00 to Sta. 301+82.00

Filename: ...\MSTA\069_XSECT_300+75_001.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. SULLOWAY	-----	---
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

AUBURN
LILLIAN STREET

CROSS SECTIONS

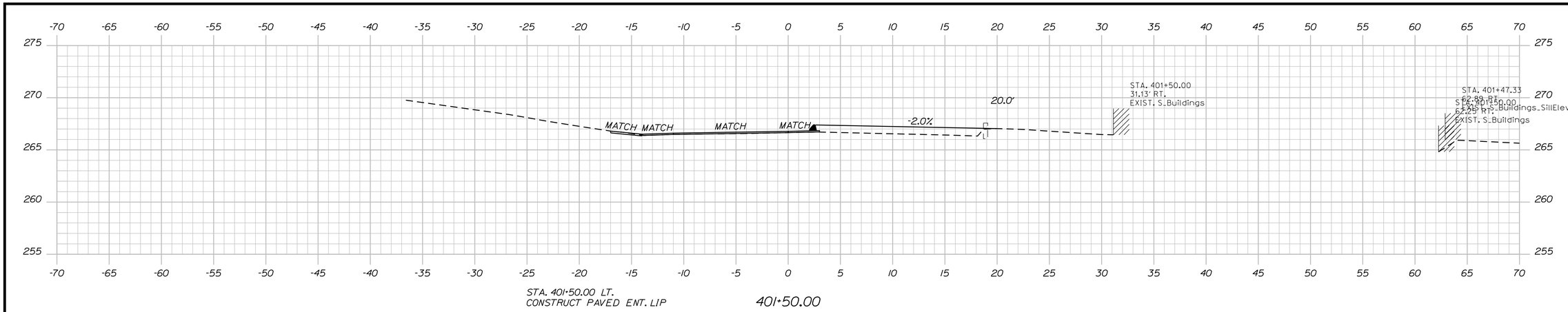
SHEET NUMBER

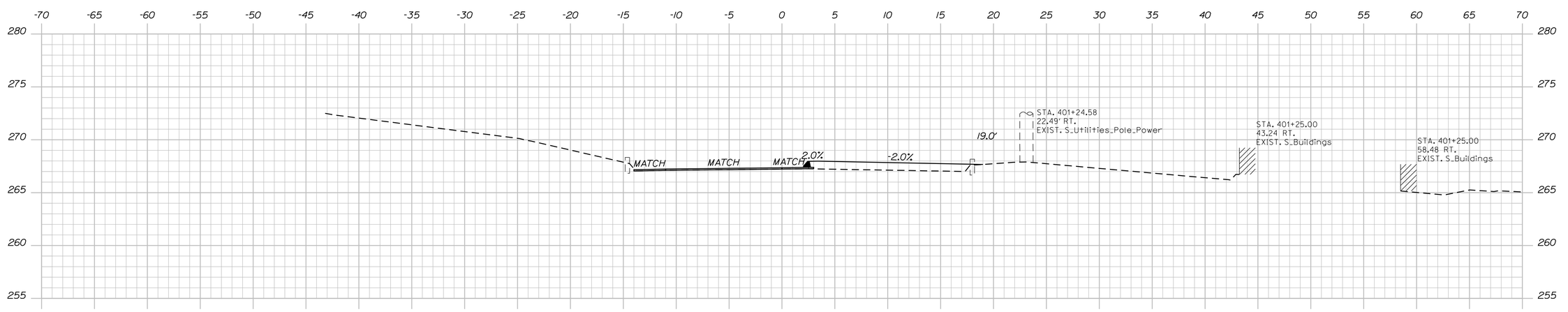
70

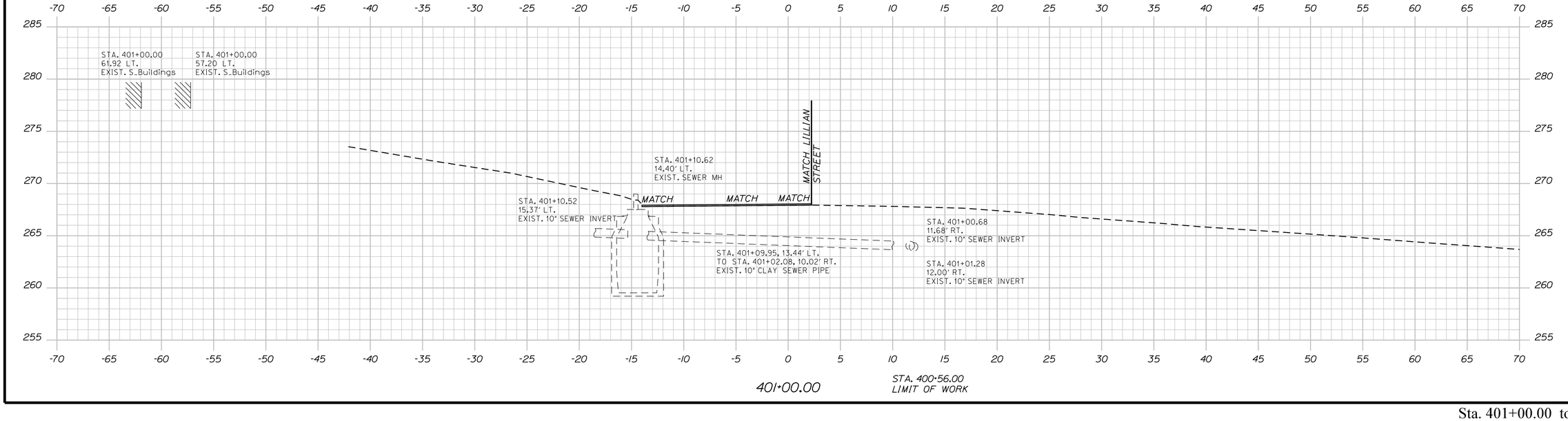
OF 98

Filename: ...\MSTA\070_XSECT_301+00_002.dgn Username: Clark.E.Sullaway Division: HIGHWAY Date:12/8/2021

Sta. 301+00.00 to Sta. 301+19.50







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
TURNER STREET

CROSS SECTIONS

SHEET NUMBER

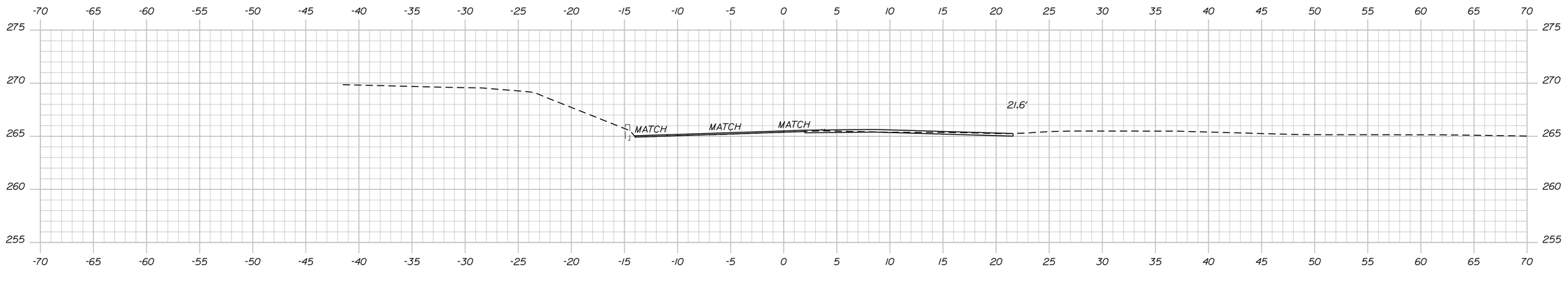
71

OF 98

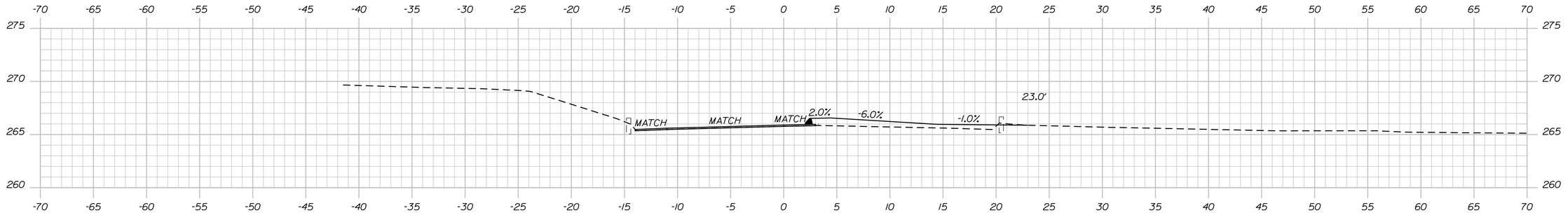
Filename: ...\MSTA\071_XSECT_401+00_001.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

Sta. 401+00.00 to Sta. 401+50.00

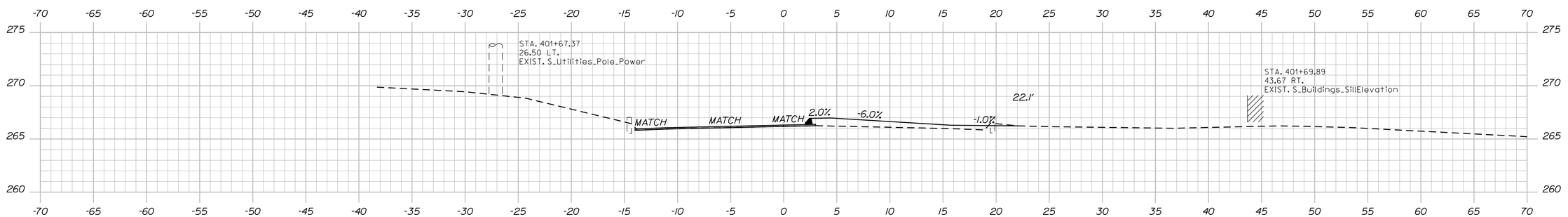
Filename: ...\MSTA\072_XSECT_401+75_002.dgn Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021



402+25.00



402+00.00



401+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY		
CHECKED-REVIEWED			
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE

P.E. NUMBER

DATE

AUBURN
TURNER STREET

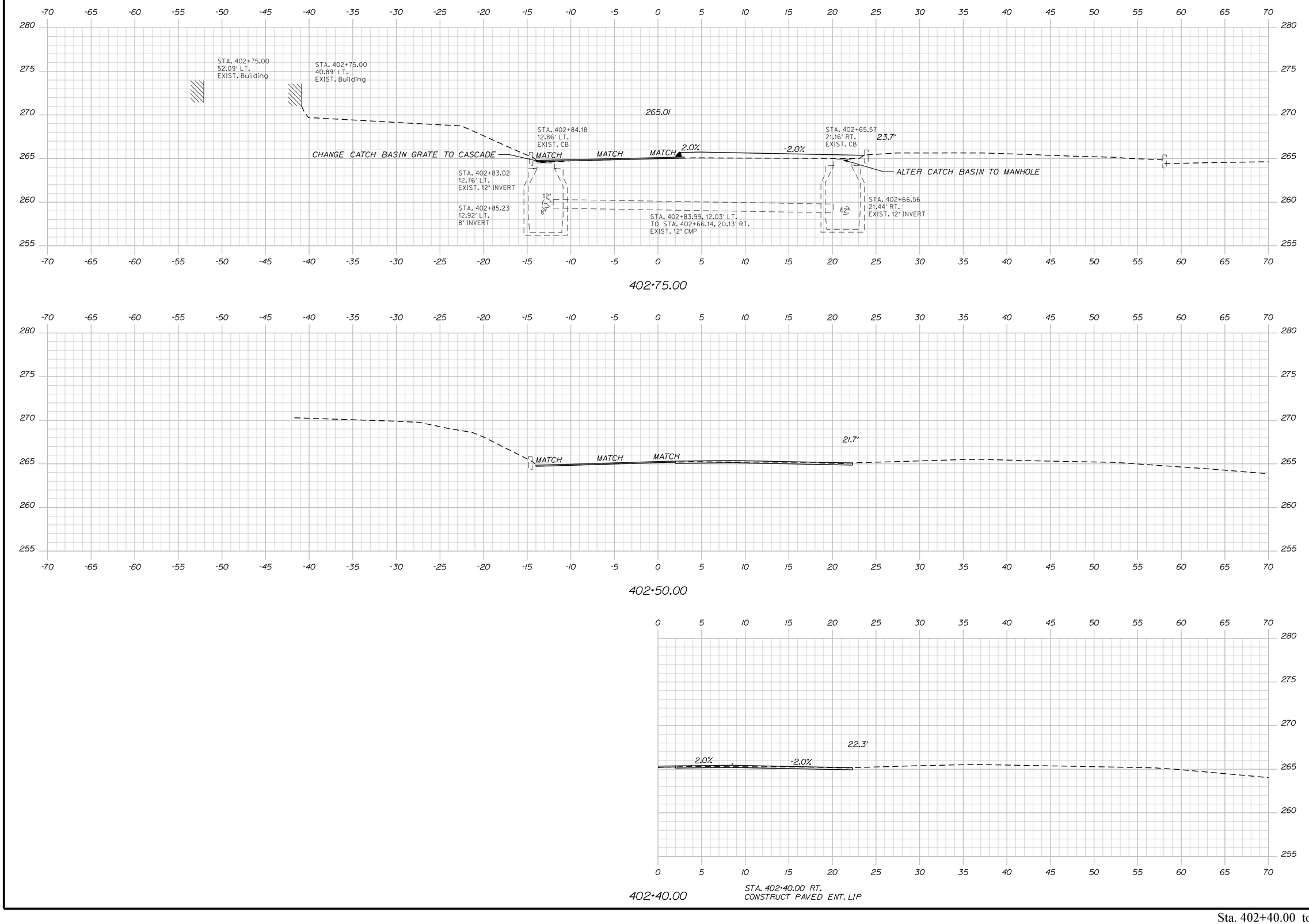
CROSS SECTIONS

SHEET NUMBER

72

OF 98

Sta. 401+75.00 to Sta. 402+25.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER: RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

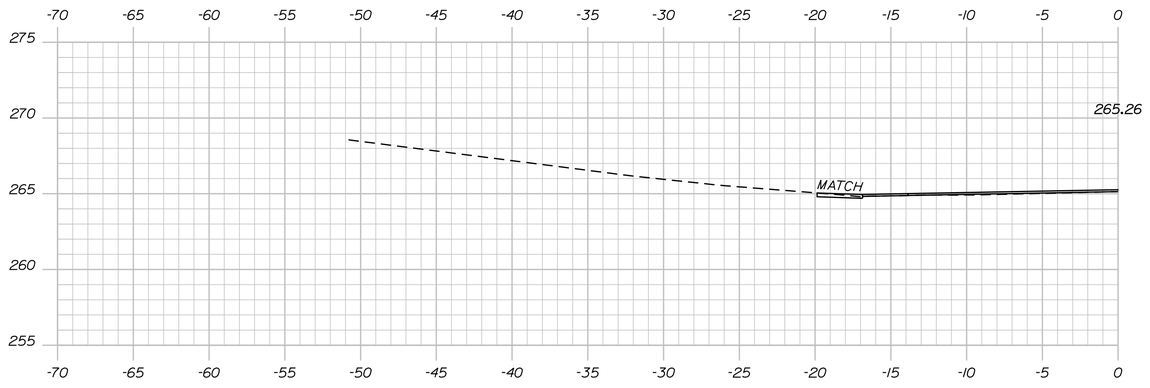
AUBURN
TURNER STREET

CROSS SECTIONS

SHEET NUMBER
73
OF 98

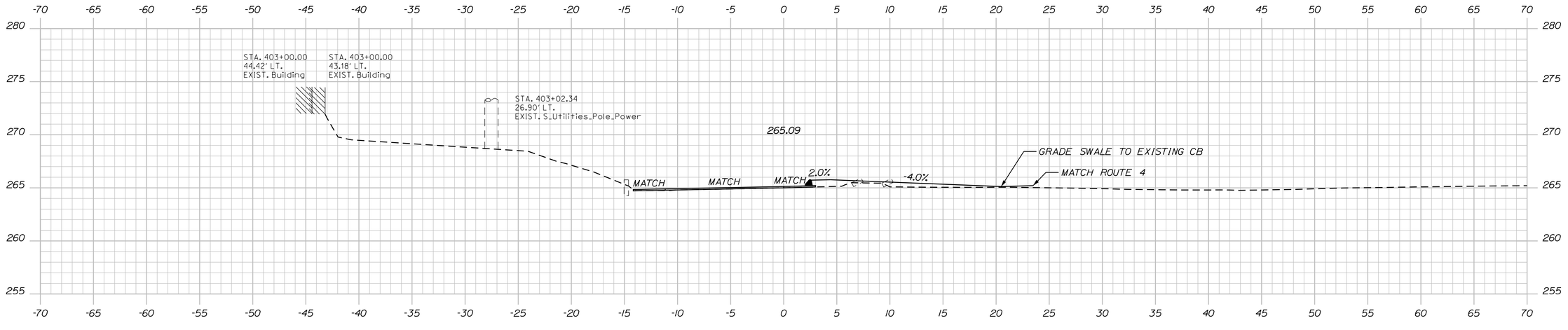
Sta. 402+40.00 to Sta. 402+75.00

Filename: ...\MSTA\073_XSECT_402+40_003.dgn Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021



STA. 402+18.64 LT.
CONSTRUCT PAVED ENT. LIP

403+18.64 (SKEWED)



403+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED		------	------
CHECKED-REVIEWED	C. SULLOWAY	-----	-----
DESIGN2-DETAILED2		------	------
DESIGN3-DETAILED3		------	------
REVISIONS 1		------	------
REVISIONS 2		------	------
REVISIONS 3		------	------
REVISIONS 4		------	------
FIELD CHANGES		------	------

SIGNATURE

P.E. NUMBER

DATE

AUBURN
TURNER STREET

CROSS SECTIONS

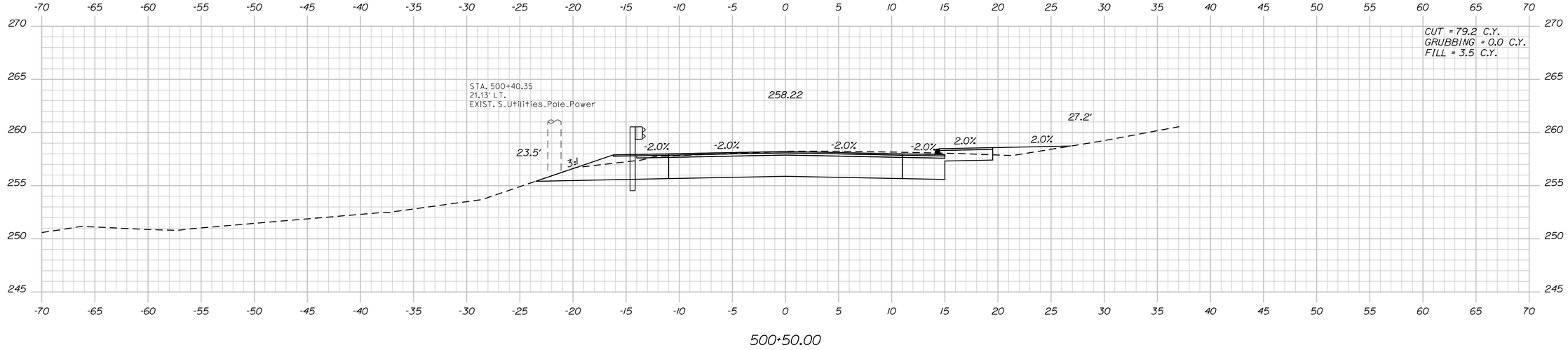
SHEET NUMBER

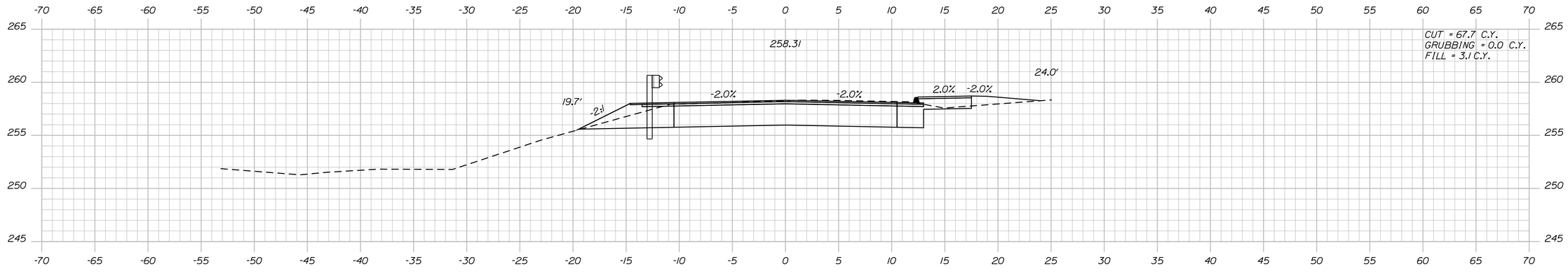
74

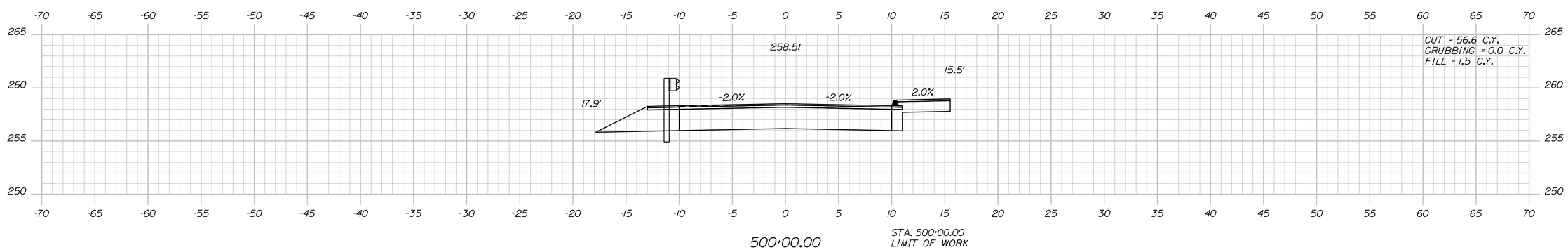
OF 98

Sta. 403+00.00 to Sta. 403+18.64

Filename: ...\MSTA\074_XSECT_403+00_004.dgn Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MARTIN STREET

CROSS SECTIONS

SHEET NUMBER

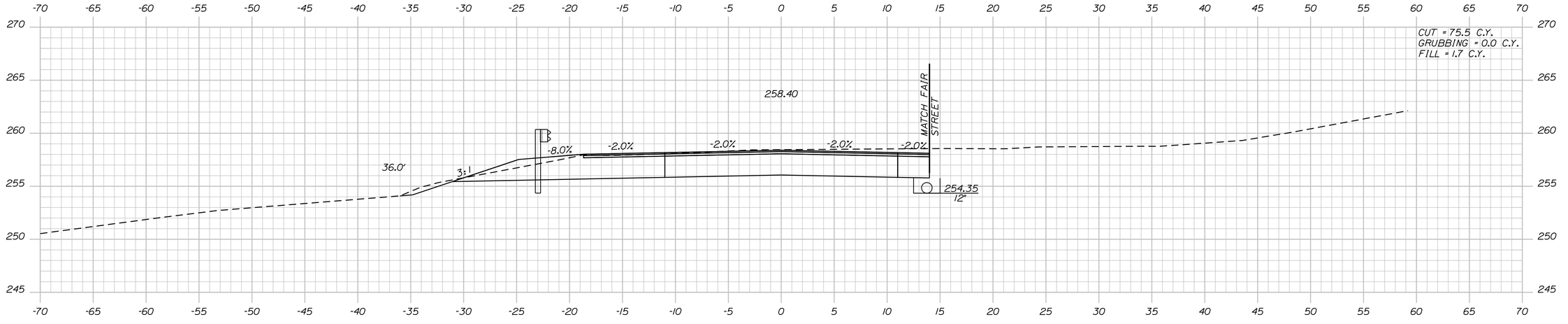
75

OF 98

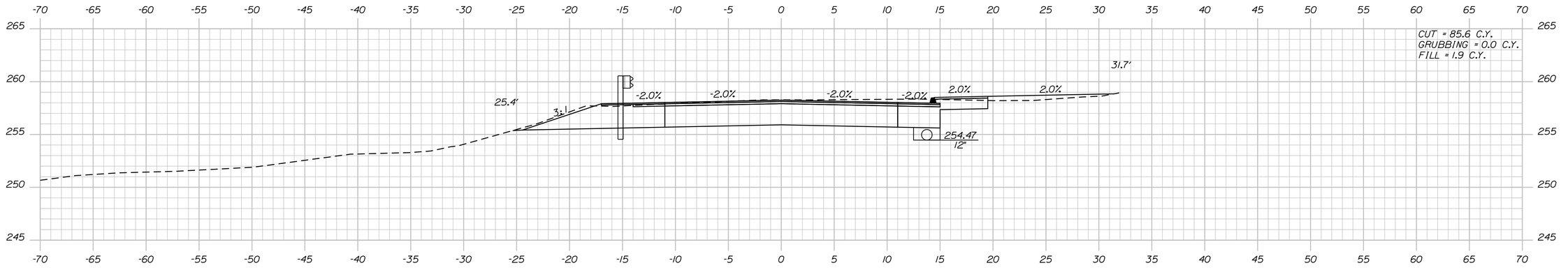
Sta. 500+00.00 to Sta. 500+50.00

Username: Clark.E.Sullowoy Date:12/8/2021

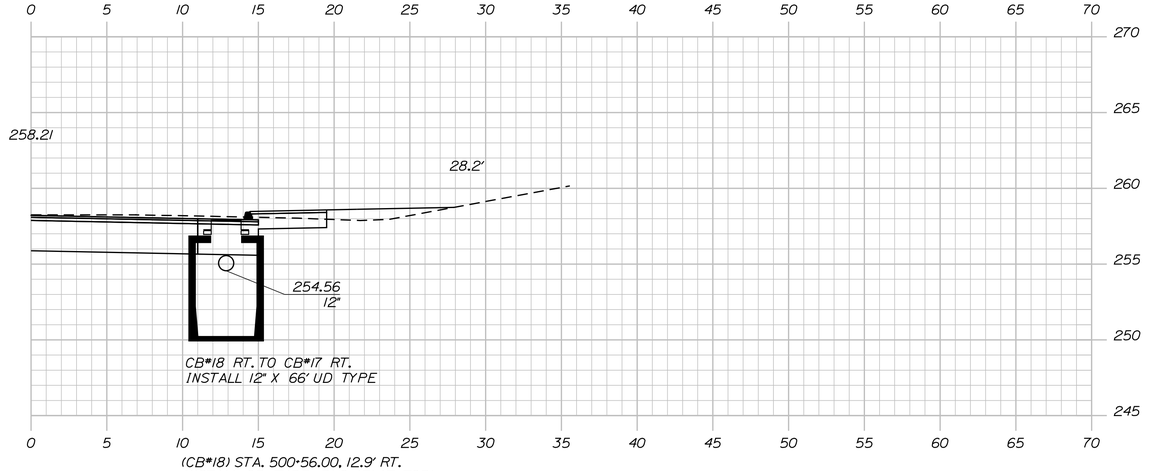
Filename: ...\MSTA\075_XSECT_500+00_001.dgn Division: HIGHWAY



501+00.00



500+75.00



500+56.00

(CB#18) STA. 500+56.00, 12.9' RT.
INSTALL CB TYPE BI-C (FLAT TOP)
GRATE ELEV. = 257.89

Sta. 500+56.00 to Sta. 501+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

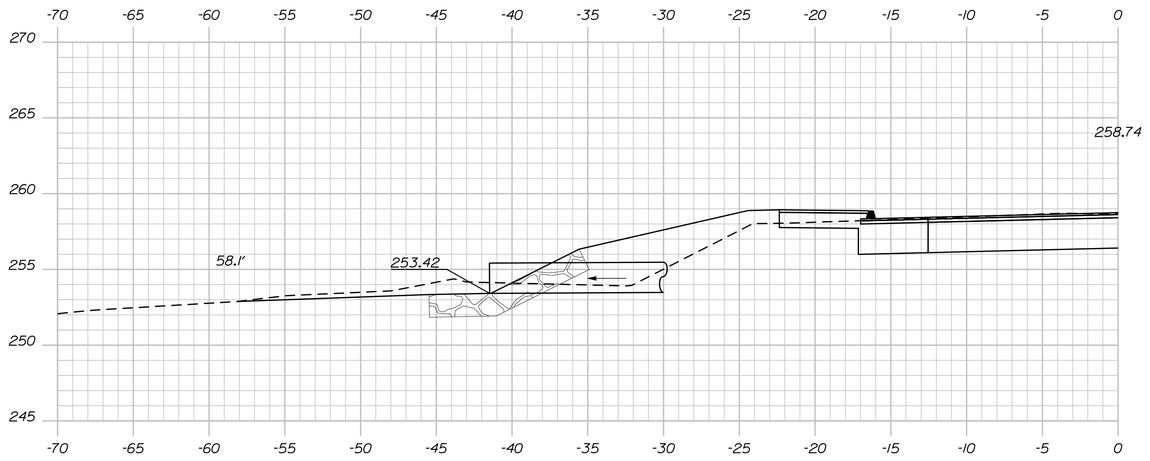
DATE

AUBURN
MARTIN STREET

CROSS SECTIONS

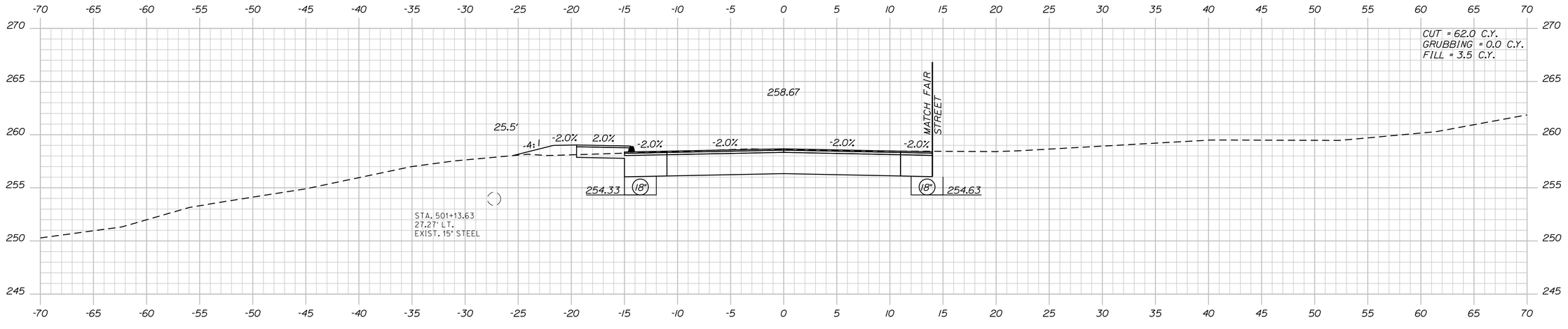
SHEET NUMBER
76
OF 98

Filename: ...\MSTA\076_XSECT_500-56_002.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

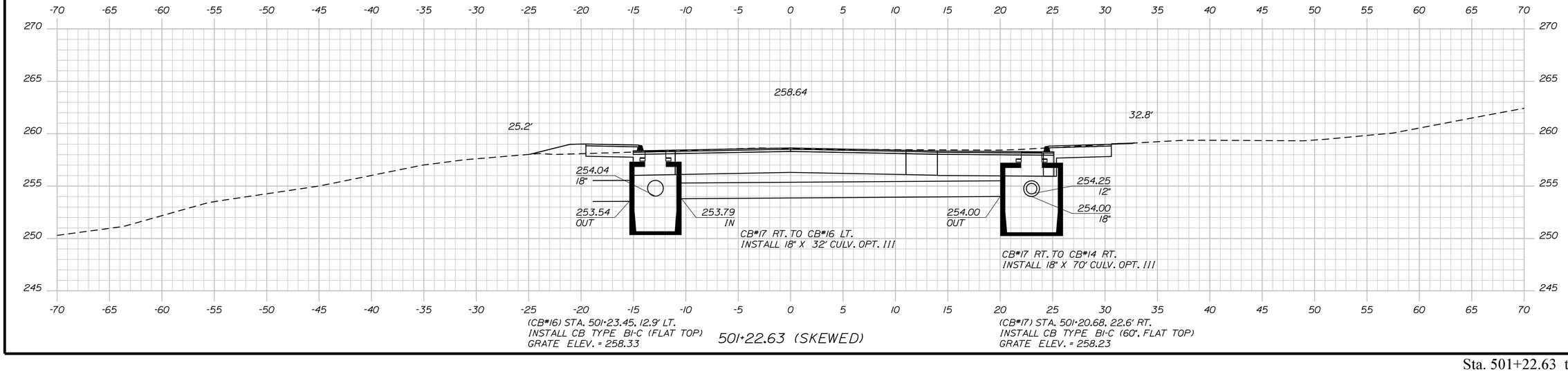


STA. 501+07.69, 35.7' LT TO CB#16 LT.
INSTALL 24" X 24' CULV. OPT. III

501+30.44 (SKEWED)



501+25.00



(CB#16) STA. 501+23.45, 12.9' LT.
INSTALL CB TYPE BI-C (FLAT TOP)
GRATE ELEV. = 258.33

501+22.63 (SKEWED)

(CB#17) STA. 501+20.68, 22.6' RT.
INSTALL CB TYPE BI-C (60", FLAT TOP)
GRATE ELEV. = 258.23

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY		
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	-----	-----	-----
DESIGN3-DETAILED3	-----	-----	-----
REVISIONS 1	-----	-----	-----
REVISIONS 2	-----	-----	-----
REVISIONS 3	-----	-----	-----
REVISIONS 4	-----	-----	-----
FIELD CHANGES	-----	-----	-----

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MARTIN STREET

CROSS SECTIONS

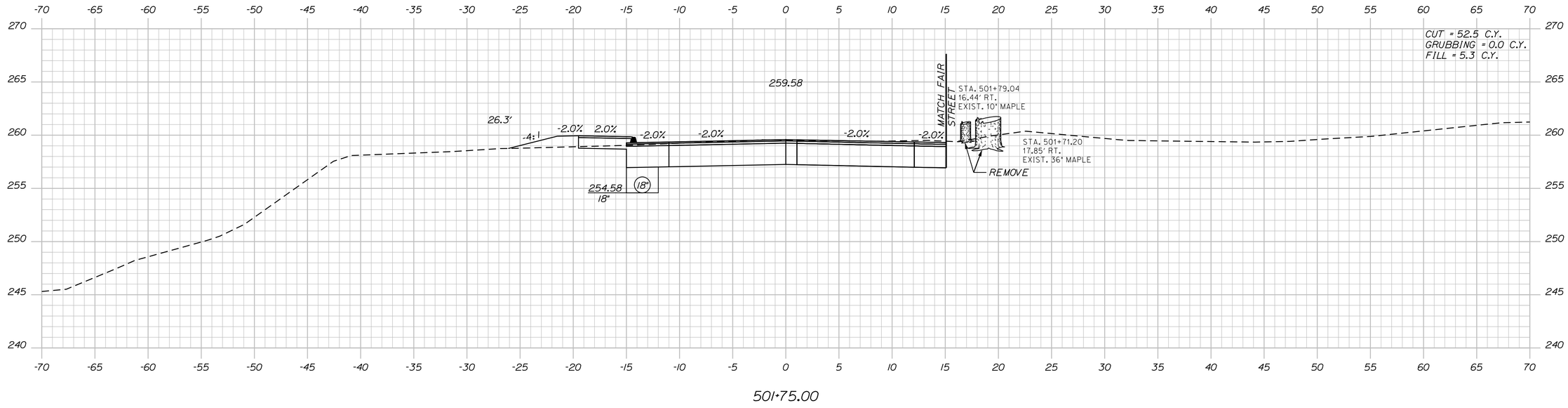
SHEET NUMBER

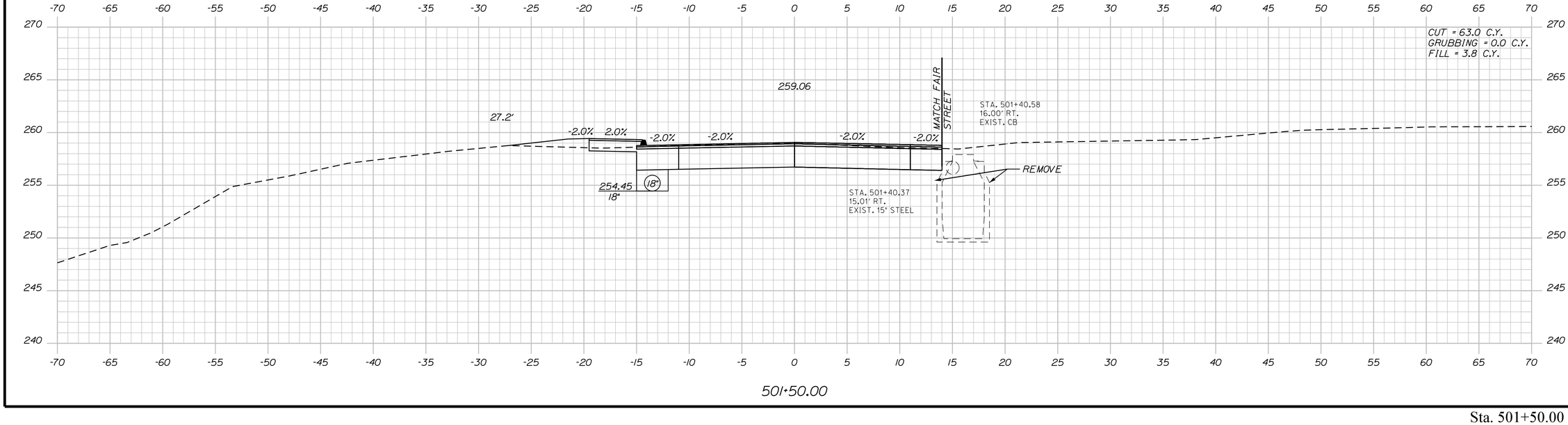
77

OF 98

Filename: ...\MSTA\077_XSECT_501+22_003.dgn Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021

Sta. 501+22.63 to Sta. 501+30.44





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MARTIN STREET

CROSS SECTIONS

SHEET NUMBER
78
OF 98

Sta. 501+50.00 to Sta. 501+75.00

Filename: ...\MSTA\078_XSECT_501+50_004.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

Filename: ...\MSTA\079_XSECT_502+00_005.dgn Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

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

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MARTIN STREET

CROSS SECTIONS

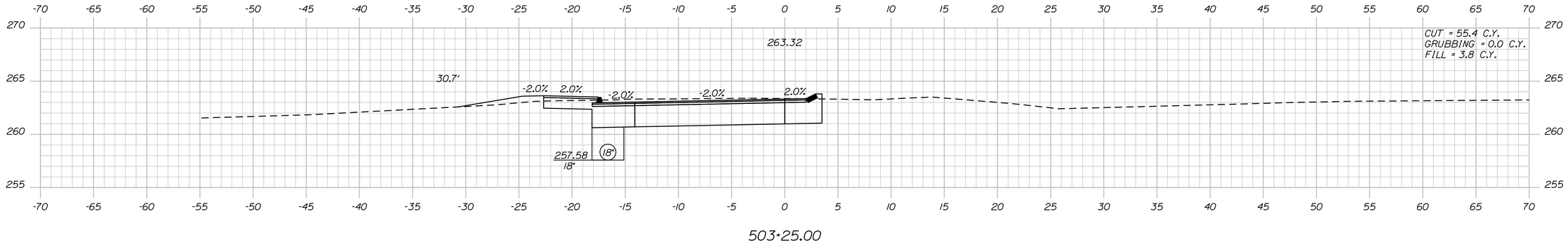
SHEET NUMBER

79

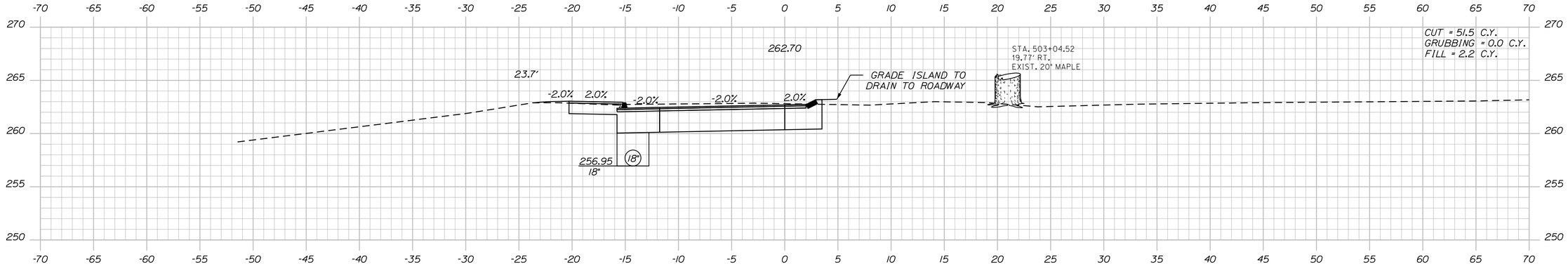
OF 98

Sta. 502+00.00 to Sta. 502+50.00

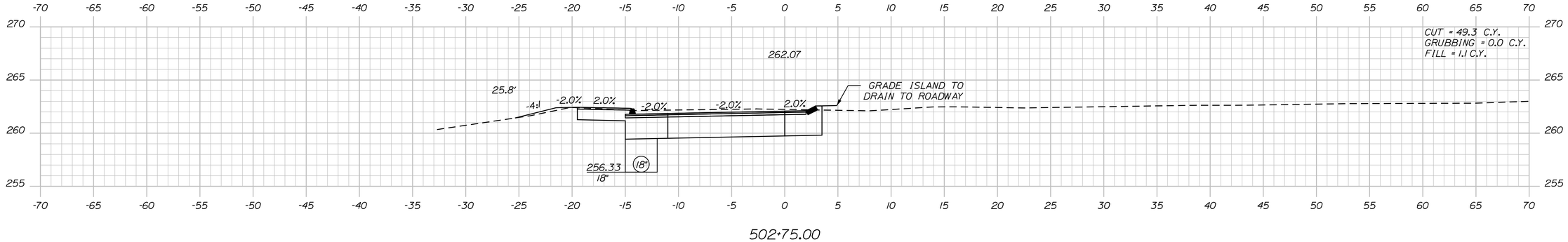
NOTE: SEE GRADING PLAN FOR ELEVATIONS AND CROSS SLOPES FOR STA. 503+25.00 TO STA. 504+66.74



503+25.00



503+00.00



502+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY	-------	----
CHECKED-REVIEWED -----	-----	----
DESIGN2-DETAILED2 -----	-------	----
DESIGN3-DETAILED3 -----	-------	----
REVISIONS 1 -----	-------	------
REVISIONS 2 -----	-------	------
REVISIONS 3 -----	-------	------
REVISIONS 4 -----	-------	------
FIELD CHANGES -----	-------	------

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MARTIN STREET

CROSS SECTIONS

SHEET NUMBER

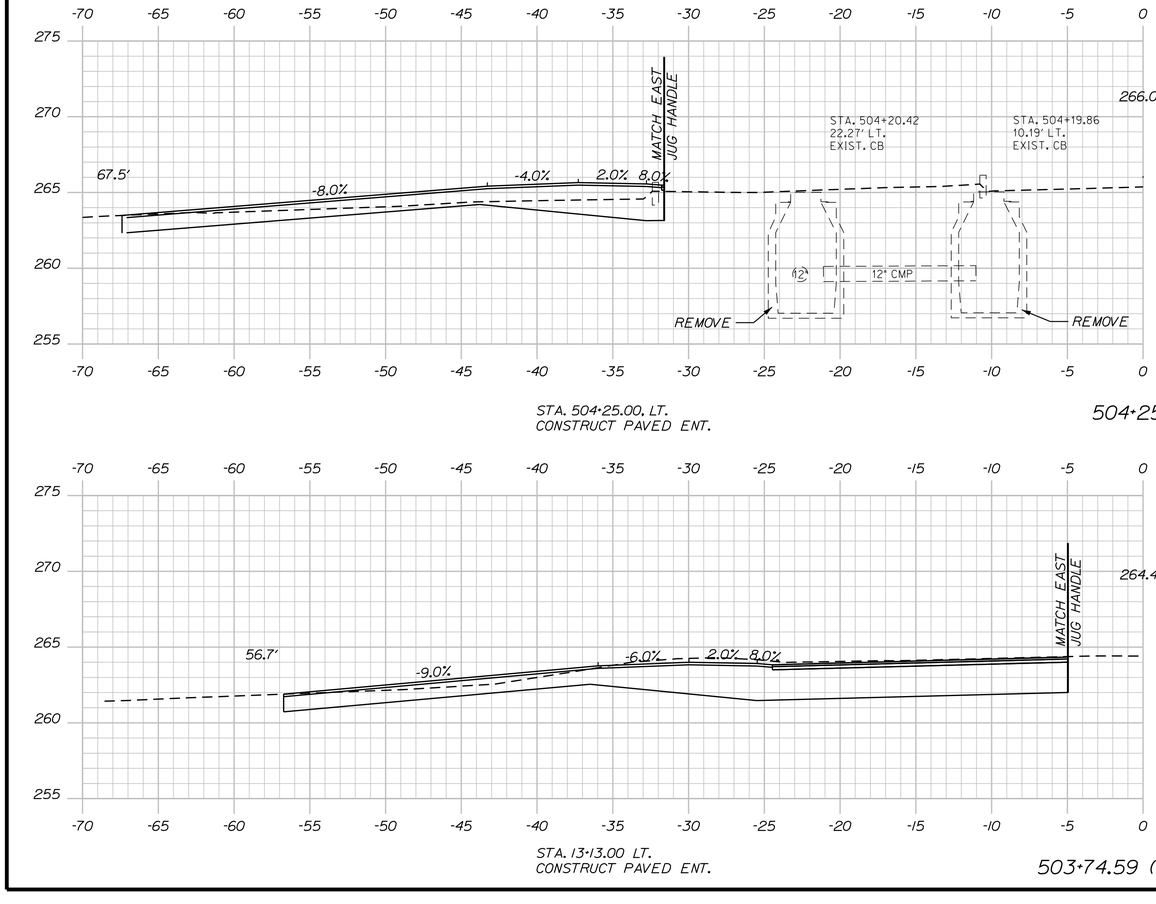
80

OF 98

Sta. 502+75.00 to Sta. 503+25.00

Filename: ...\MSTA\080_XSECT_502+75_006.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

Filename: ...\MSTA\081_XSECT_503+74_007.dgn Username: Clark.E.Sullaway Division: HIGHWAY Date:12/8/2021



STA. 504+25.00, LT.
CONSTRUCT PAVED ENT.

504+25.00

STA. 13+13.00 LT.
CONSTRUCT PAVED ENT.

503+74.59 (SKEWED)

PROJ. MANAGER RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. SULLOWAY	---
CHECKED-REVIEWED	-----	-----
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
021766.00

HIGHWAY PLANS

AUBURN
MARTIN STREET

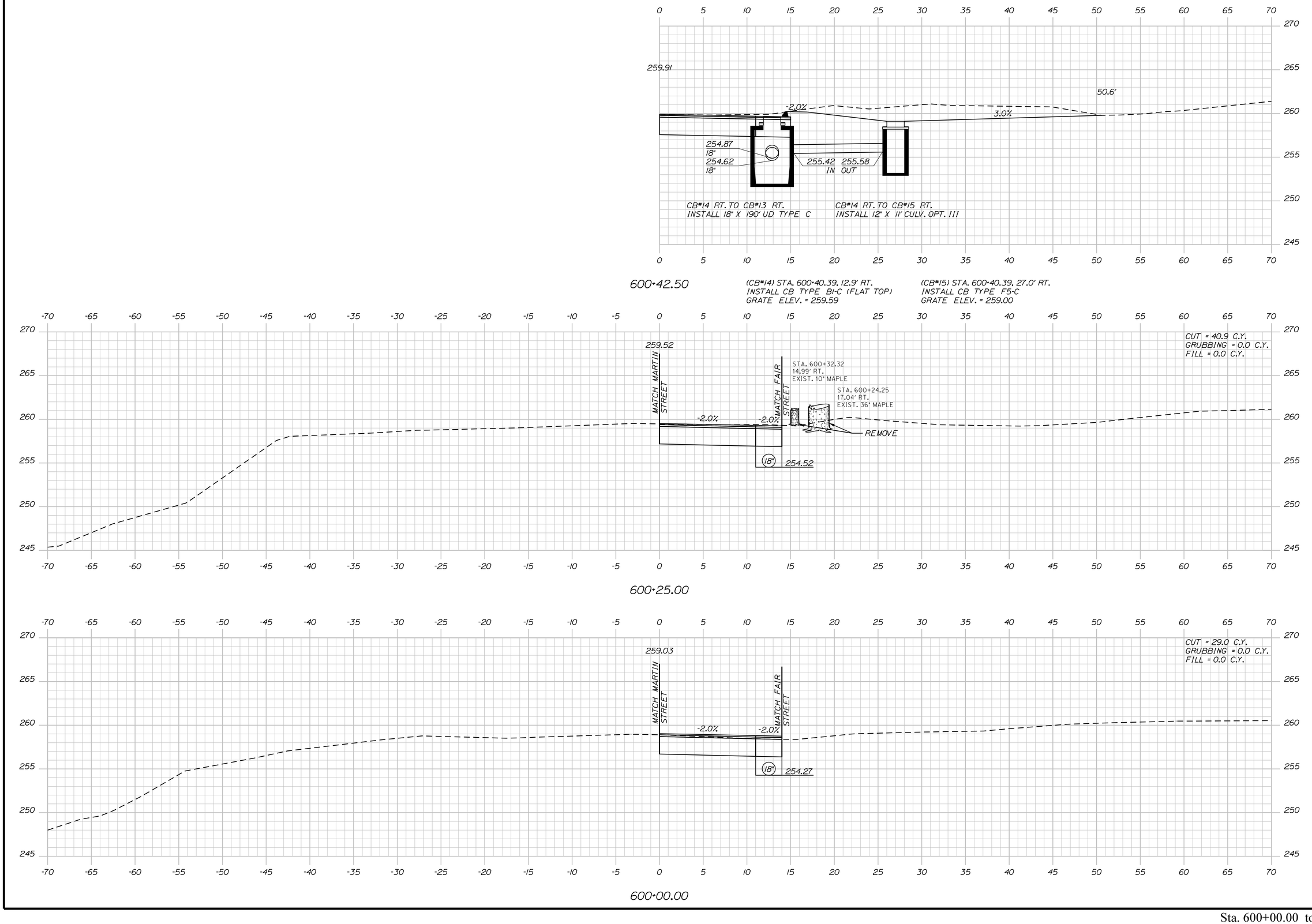
CROSS SECTIONS

SHEET NUMBER

81

OF 98

Sta. 503+74.59 to Sta. 504+25.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

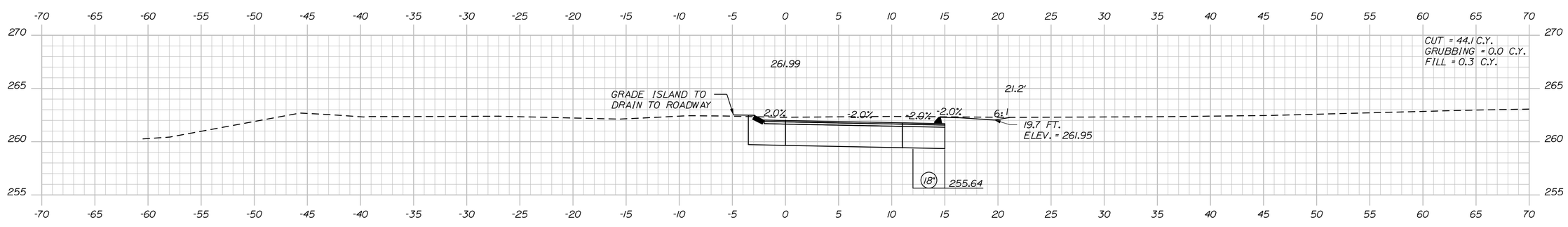
AUBURN
ROUTE 4

CROSS SECTIONS

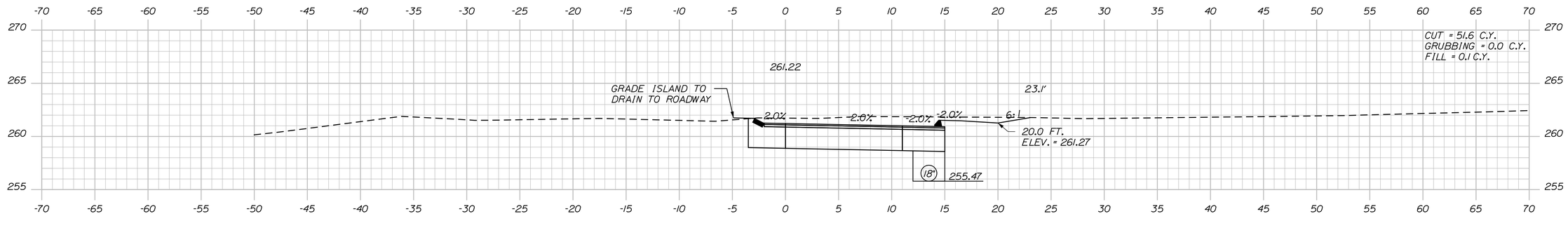
SHEET NUMBER
82
OF 98

Sta. 600+00.00 to Sta. 600+42.50

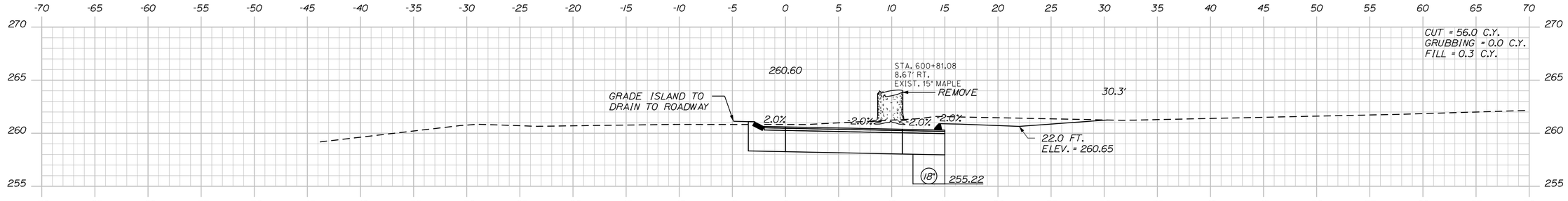
Filename: ...\MSTA\082_XSECT_600-00_001.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



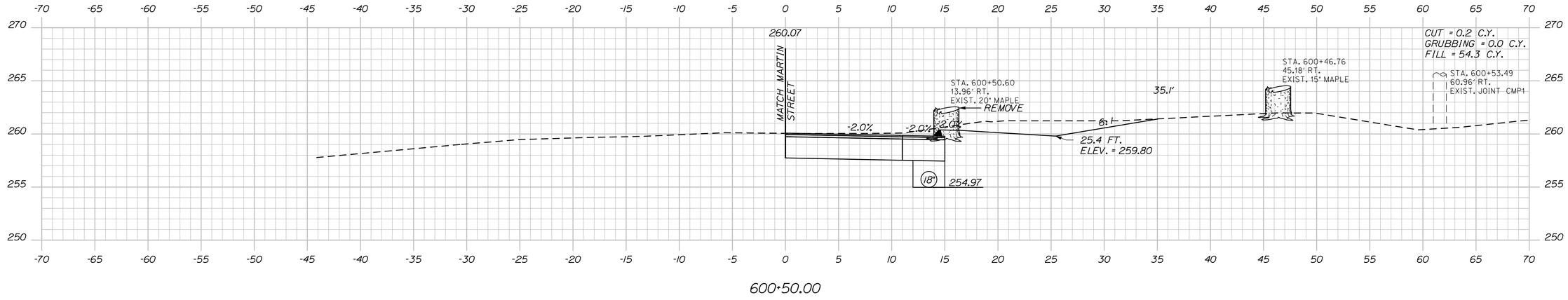
601+25.00



601+00.00



600+75.00



600+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED	-----	-----
DESIGN2-DETAILED2	-----	-----
DESIGN3-DETAILED3	-----	-----
REVISIONS 1	-----	-----
REVISIONS 2	-----	-----
REVISIONS 3	-----	-----
REVISIONS 4	-----	-----
FIELD CHANGES	-----	-----

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

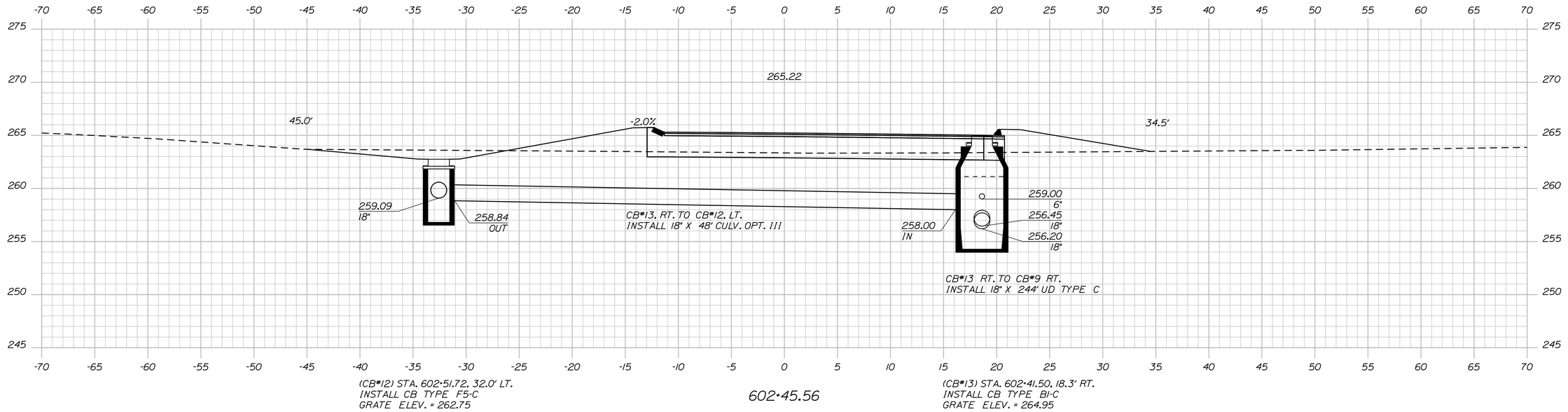
SHEET NUMBER

83

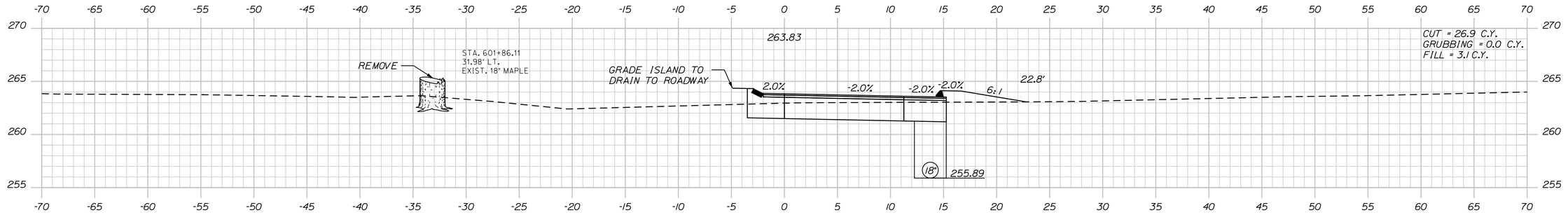
OF 98

Sta. 600+50.00 to Sta. 601+25.00

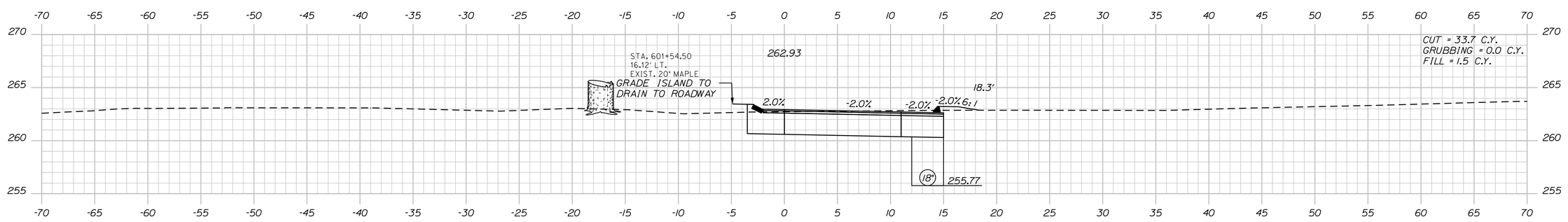
Filename: ...\MSTA\083_XSECT_600-50_002.dgn Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021



NOTE: SEE GRADING PLAN FOR ELEVATIONS AND CROSS SLOPES FOR STA. 601+95.91 TO STA. 602+80.76



601+75.00



601+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
ROUTE 4

CROSS SECTIONS

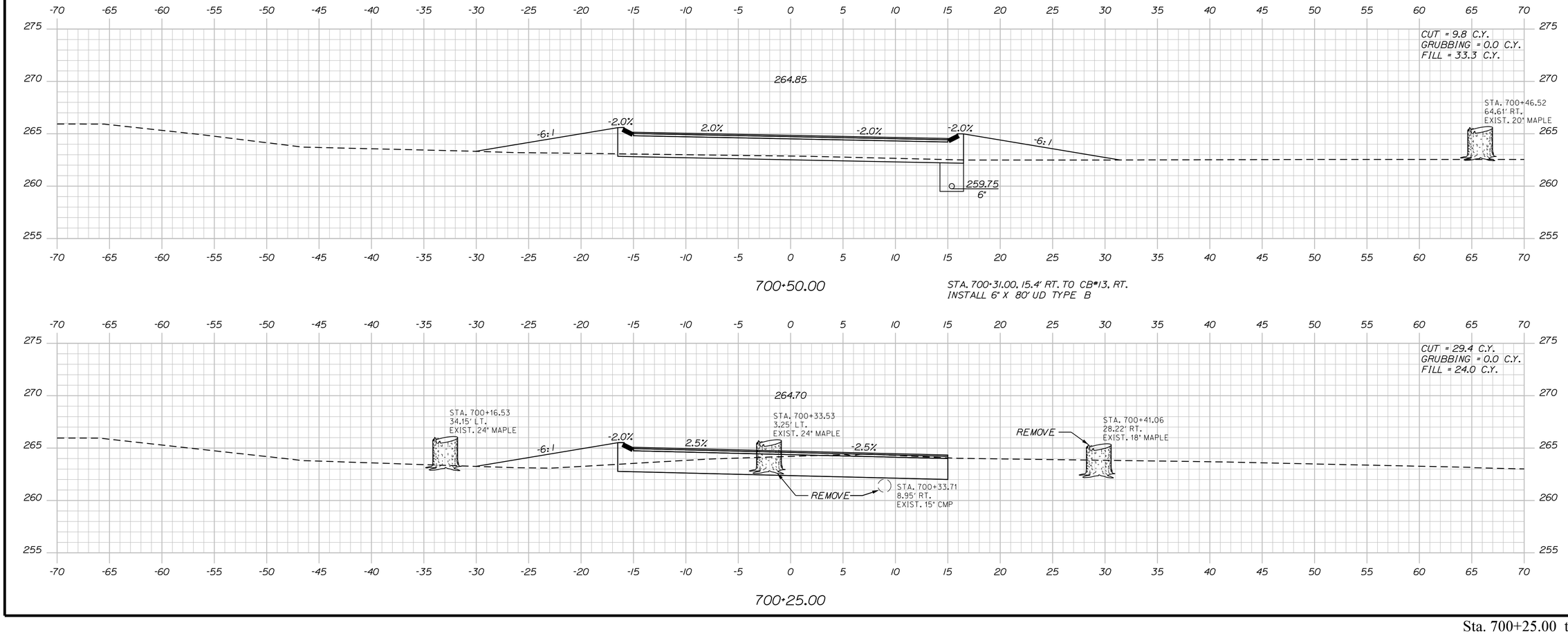
SHEET NUMBER

84

OF 98

Sta. 601+50.00 to Sta. 602+45.56

Filename: ...\MSTA\084_XSECT_601+50_003.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



PROJ. MANAGER RHOBE MOULTON	BY	DATE
DESIGN-DETAILED C. SULLOWAY	------	------
CHECKED-REVIEWED ------	------	------
DESIGN2-DETAILED2 ------	------	------
DESIGN3-DETAILED3 ------	------	------
REVISIONS 1 ------	------	------
REVISIONS 2 ------	------	------
REVISIONS 3 ------	------	------
REVISIONS 4 ------	------	------
FIELD CHANGES ------	------	------

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

SIGNATURE

P.E. NUMBER

DATE

WIN
021766.00

HIGHWAY PLANS

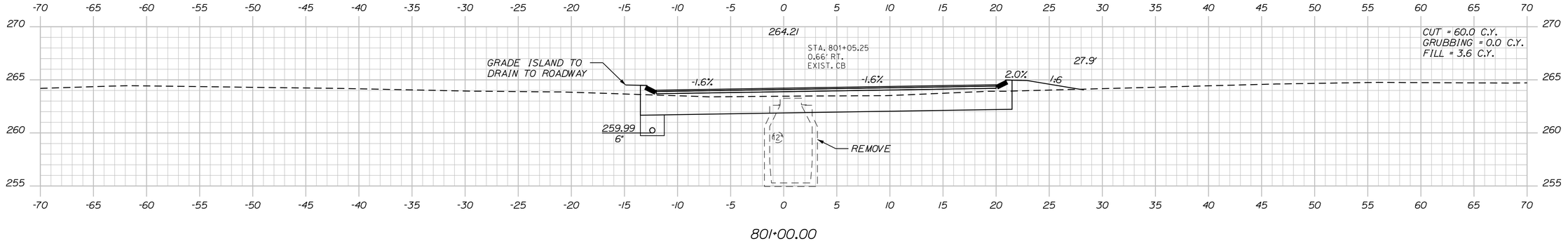
AUBURN
EAST JUG HANDLE

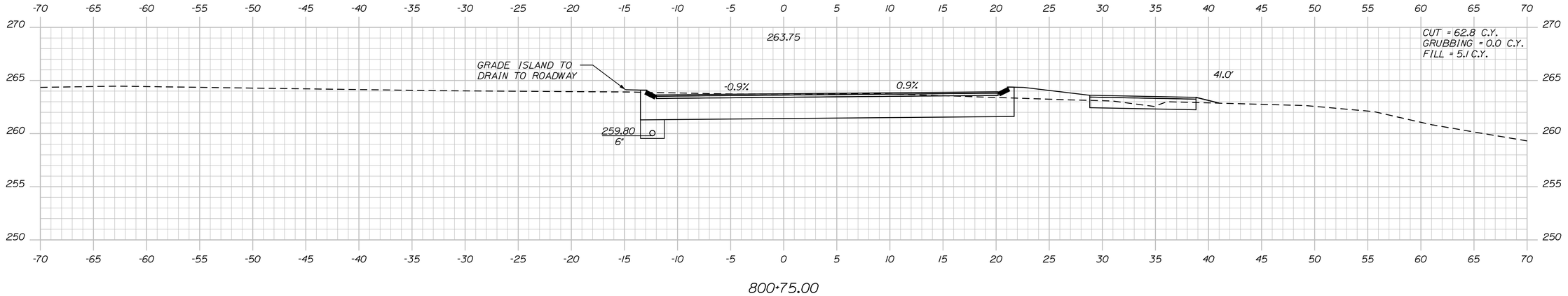
CROSS SECTIONS

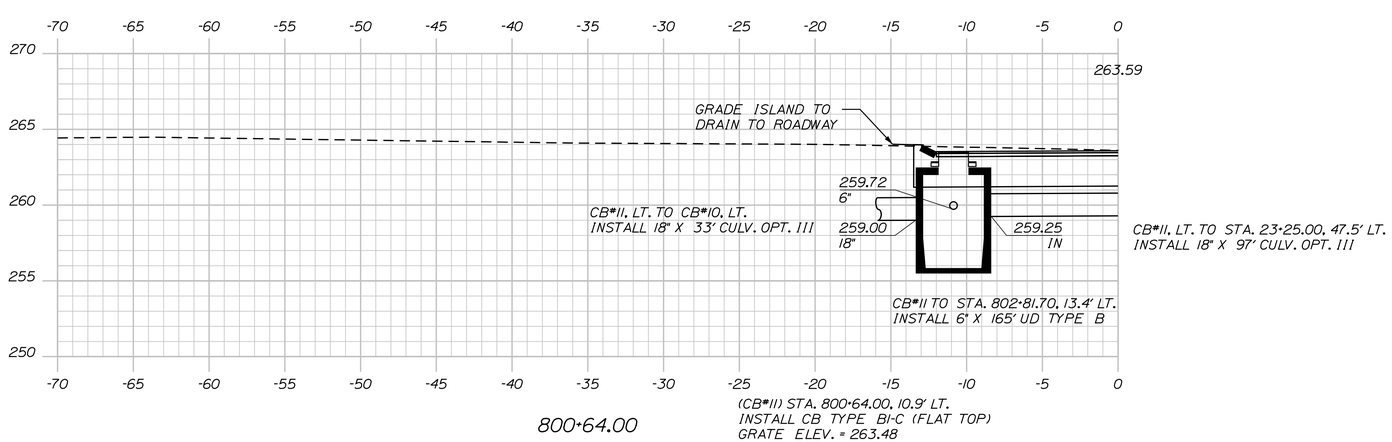
SHEET NUMBER
85
OF 98

Sta. 700+25.00 to Sta. 700+50.00

Filename: ...\MSTA\085_XSECT_700+25_001.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

	BY	DATE
PROJ. MANAGER: RHOBE MOULTON		
DESIGN-DETAILED: C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

AUBURN
WEST JUG HANDLE

CROSS SECTIONS

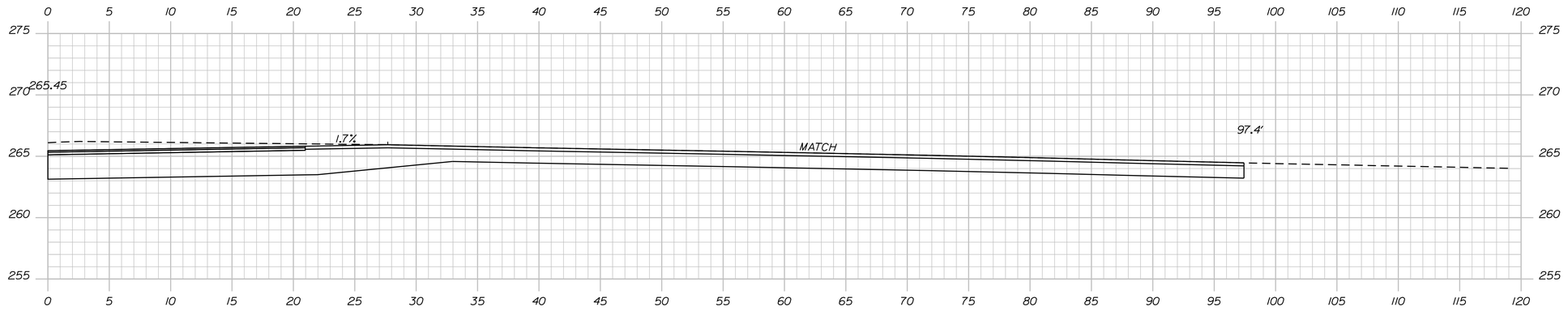
SHEET NUMBER

86

OF 98

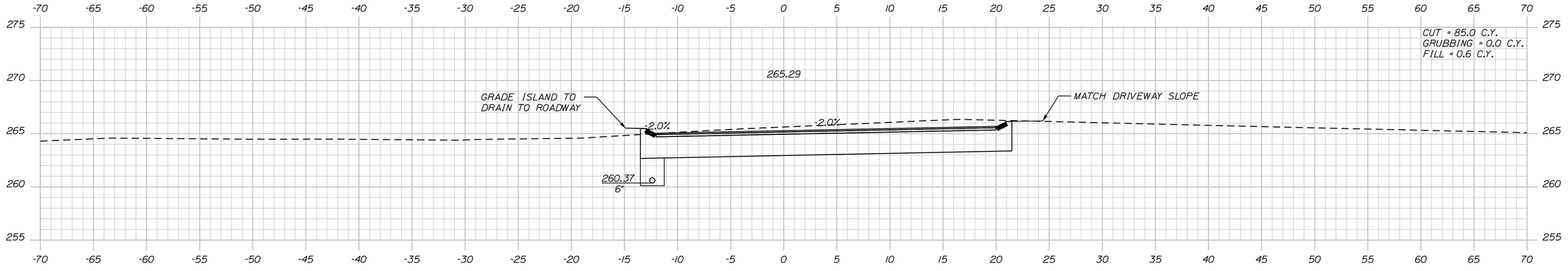
Sta. 800+64.00 to Sta. 801+00.00

Filename: ...\MSTA\086_XSECT_800+64_001.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

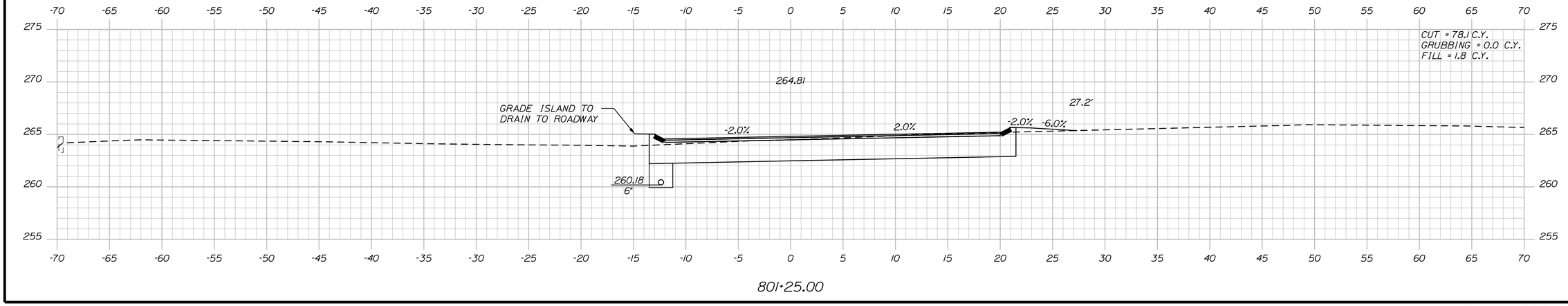


801+68.94

STA. 801+68.94, RT.
CONSTRUCT PAVED ENT.



801+50.00



801+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
WEST JUG HANDLE

CROSS SECTIONS

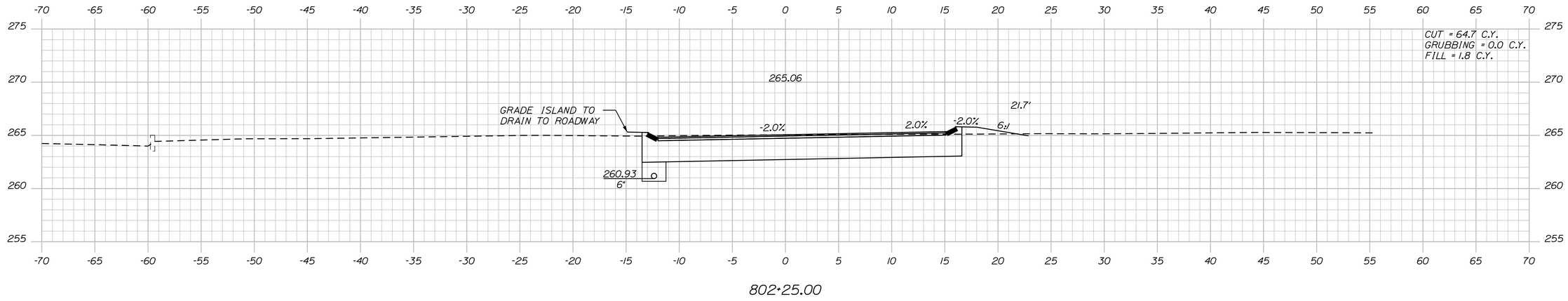
SHEET NUMBER

87

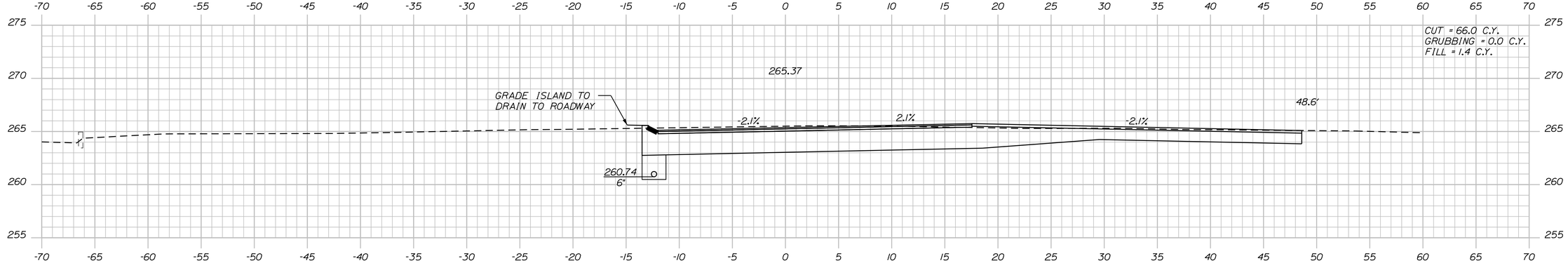
OF 98

Sta. 801+25.00 to Sta. 801+68.94

Filename: ...\MSTA\087_XSECT_801+25_002.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

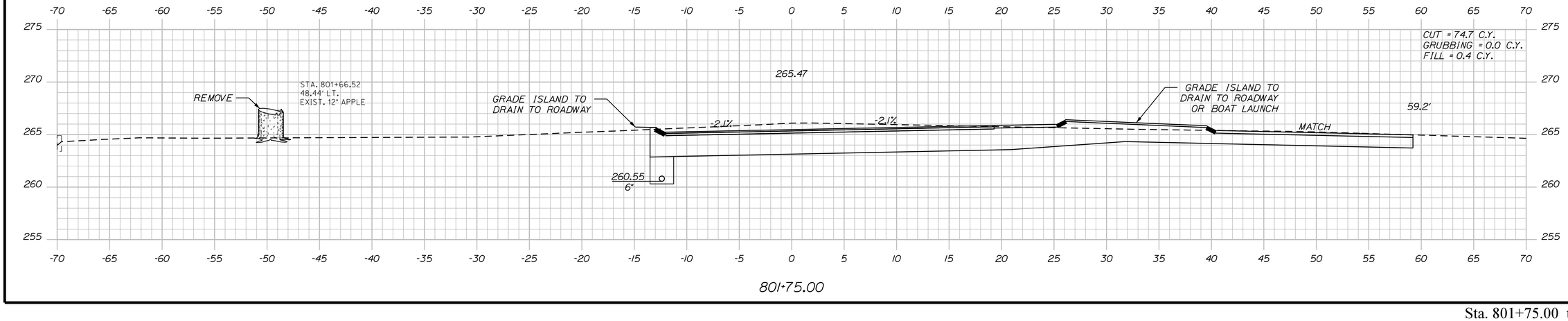


802+25.00



802+00.00

STA. 802+00.00, RT.
CONSTRUCT PAVED ENT.



801+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
WEST JUG HANDLE

CROSS SECTIONS

SHEET NUMBER

88

OF 98

Sta. 801+75.00 to Sta. 802+25.00

Filename: ...\MSTA\088_XSECT_801+75_003.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

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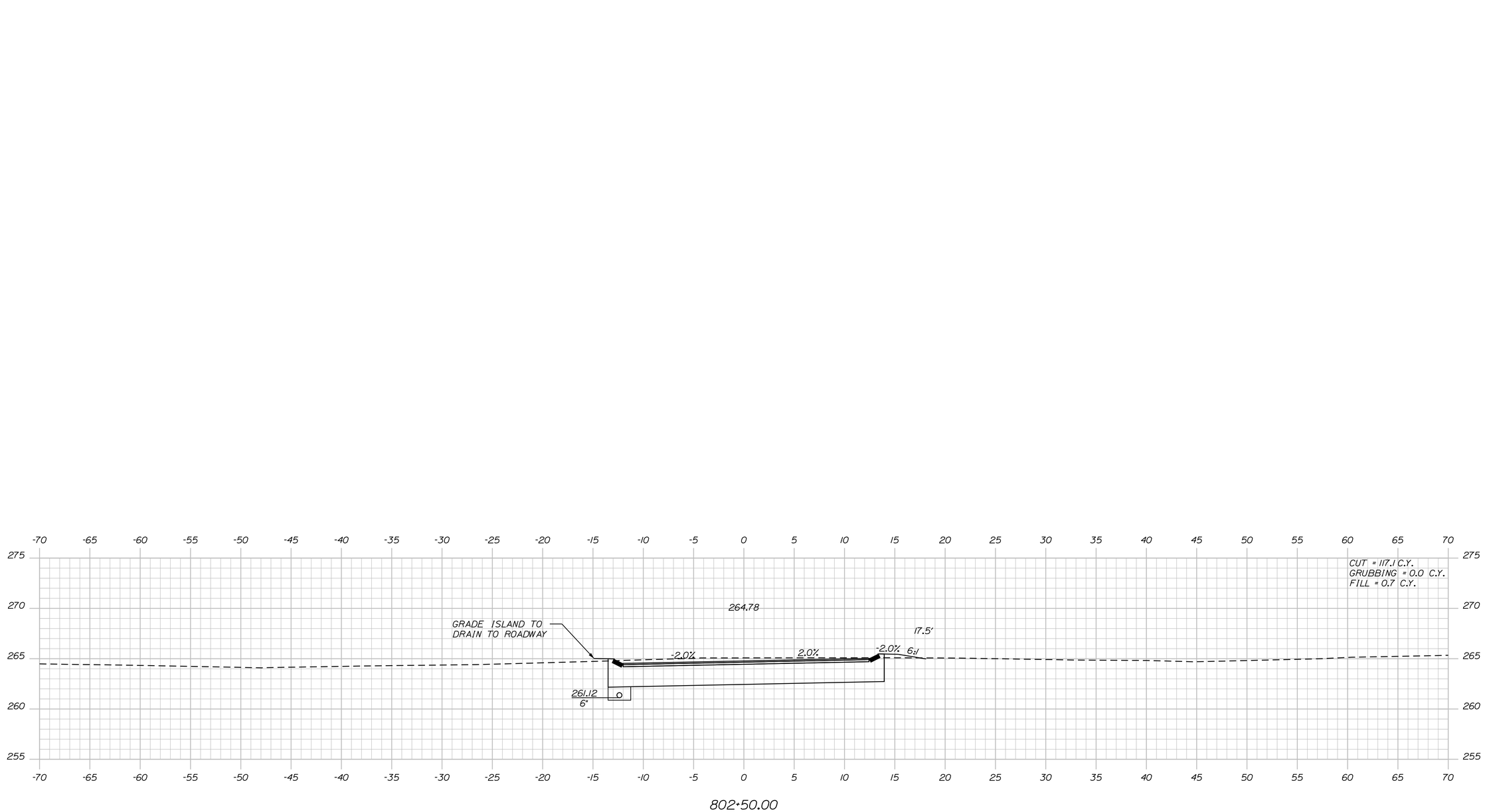


PROJ. MANAGER	RHOBE MOULTON	BY	DATE
DESIGN-DETAILED	C. SULLOWAY	-------	---
CHECKED-REVIEWED	-----	-----	SIGNATURE
DESIGN2-DETAILED2	-------	-------	-----
DESIGN3-DETAILED3	-------	-------	P.E. NUMBER
REVISIONS 1	-------	-------	-----
REVISIONS 2	-------	-------	DATE
REVISIONS 3	-------	-------	-----
REVISIONS 4	-------	-------	-----
FIELD CHANGES	-------	-------	-----

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

AUBURN
WEST JUG HANDLE

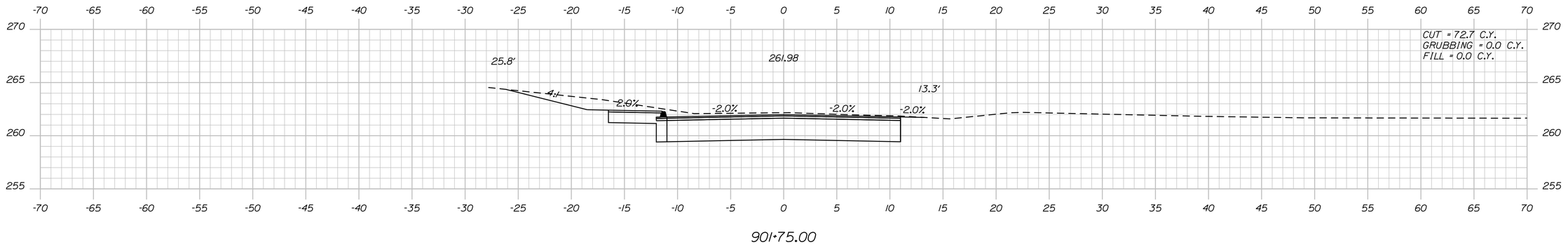
CROSS SECTIONS

SHEET NUMBER

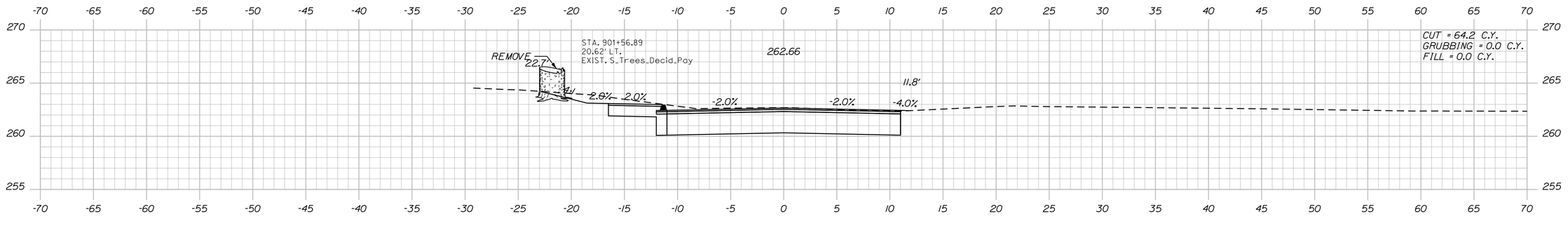
89

OF 98

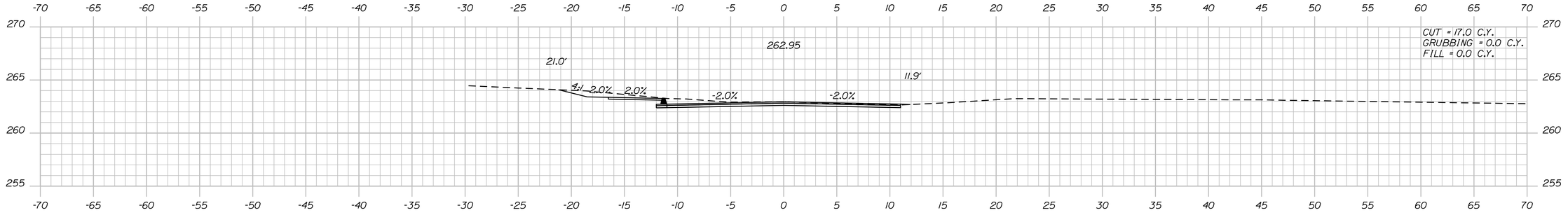
Sta. 802+50.00 to Sta. 802+50.00



901+75.00



901+50.00



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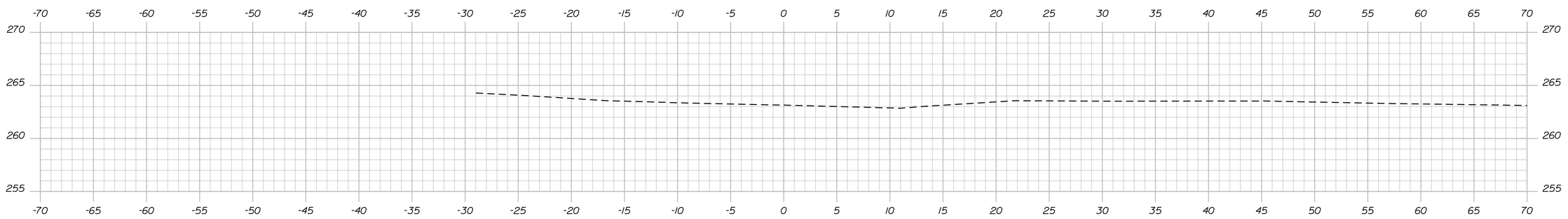


901+25.00

STA. 901+29.86
LIMIT OF WORK

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED	C. SULLOWAY	
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
FAIR STREET

CROSS SECTIONS

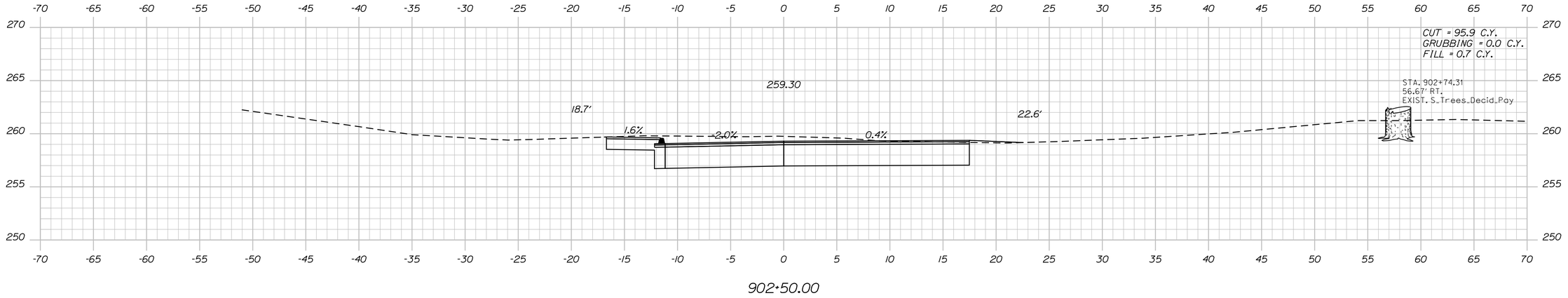
SHEET NUMBER

90

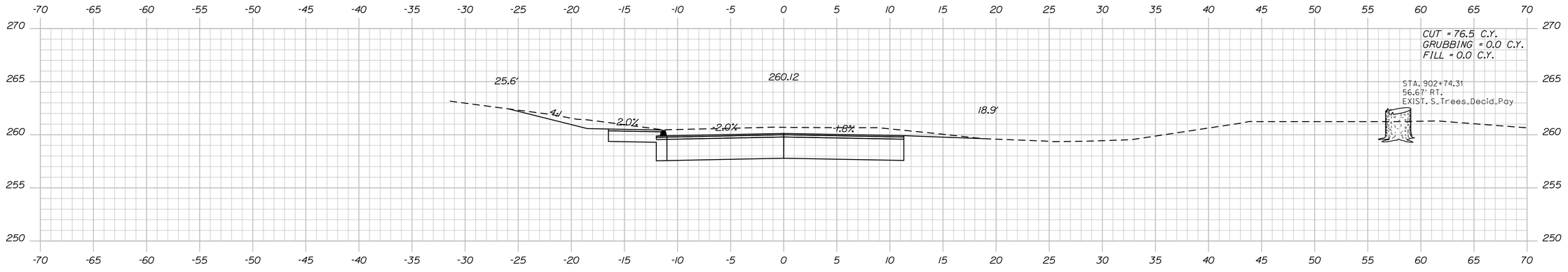
OF 98

Sta. 901+25.00 to Sta. 901+75.00

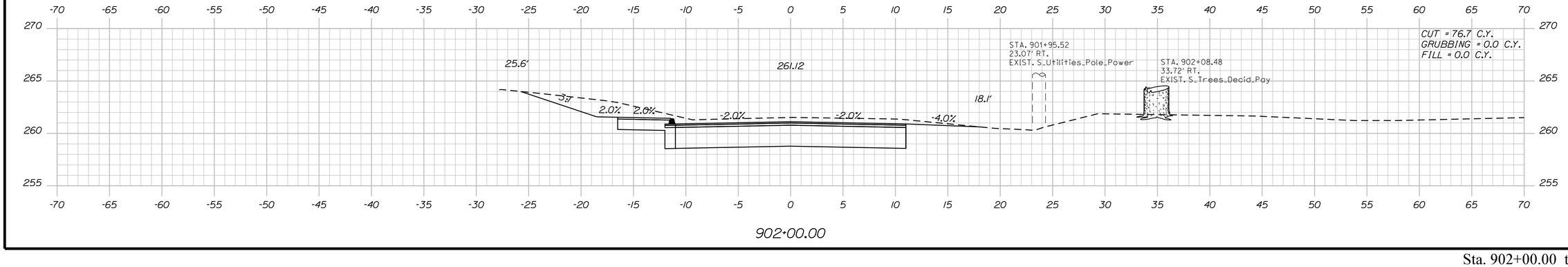
Filename: ...\MSTA\090_XSECT_901+25_001.dgn Division: HIGHWAY Username: Clark.E.Sulloway Date:12/8/2021



902+50.00



902+25.00



902+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
FAIR STREET

CROSS SECTIONS

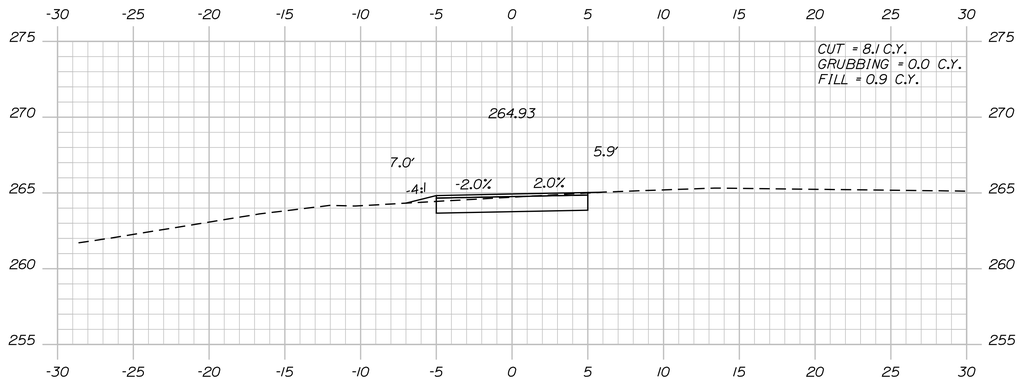
SHEET NUMBER

91

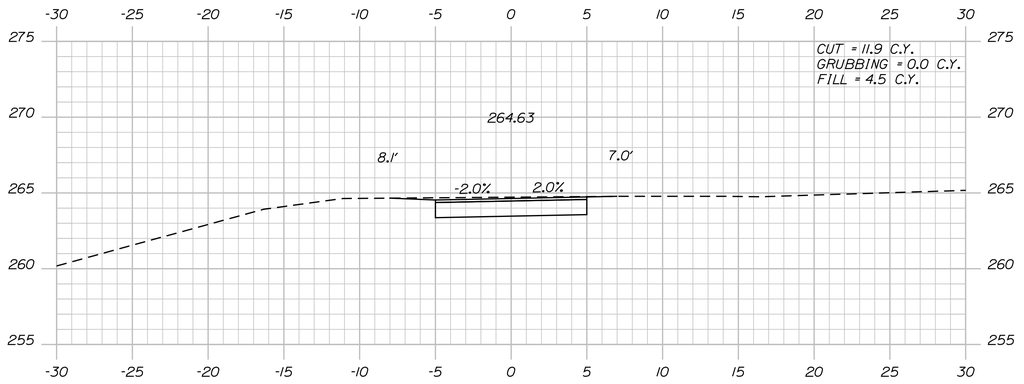
OF 98

Sta. 902+00.00 to Sta. 902+50.00

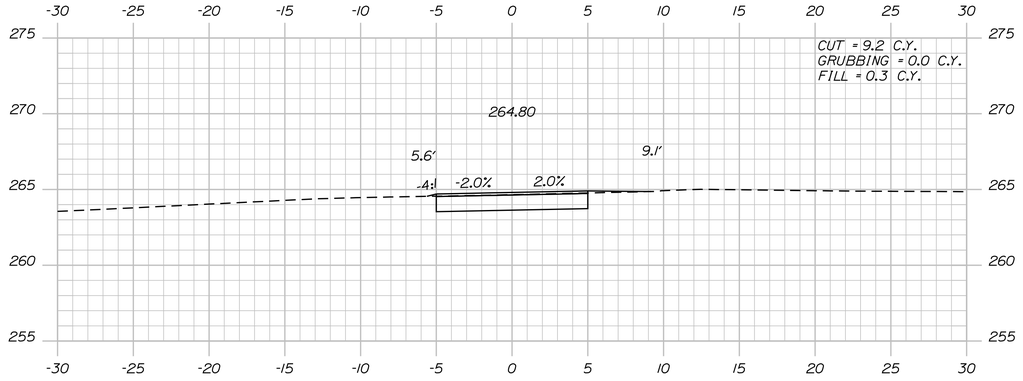
Filename: ...\MSTA\091_XSECT_902+00_002.dgn Division: HIGHWAY Username: Clark.E.Sullaway Date:12/8/2021



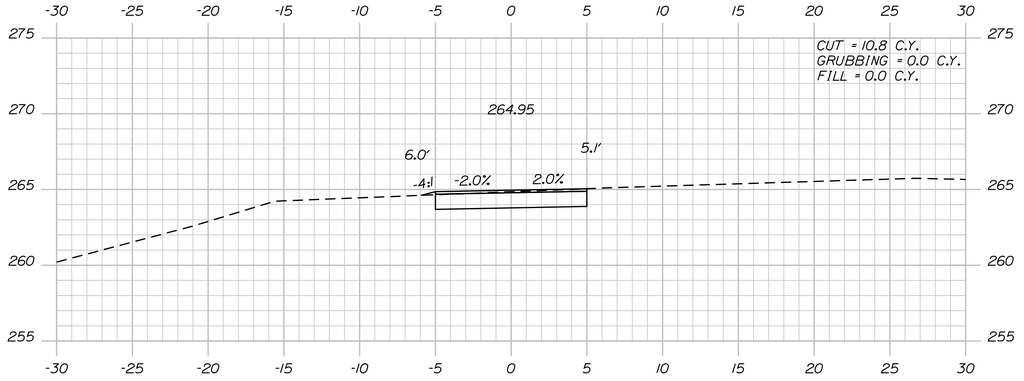
1+25.00



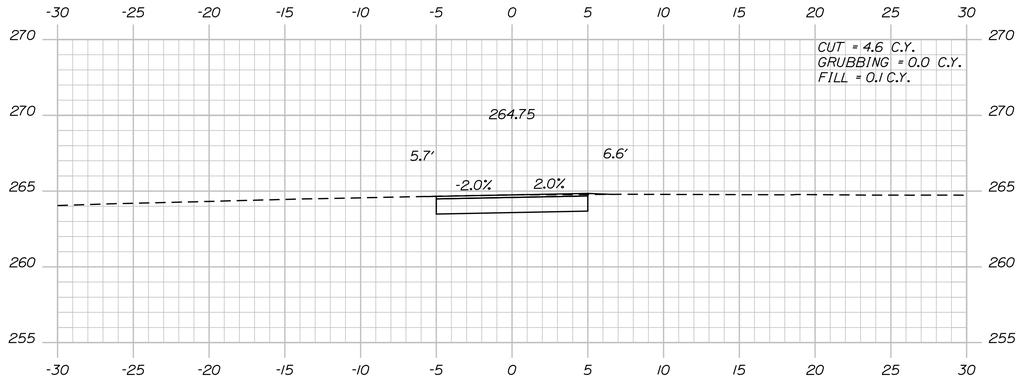
2+00.00



1+00.00

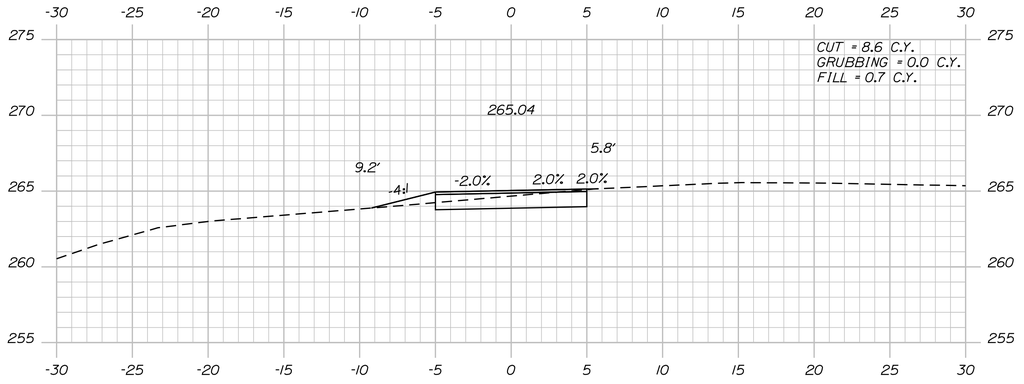


1+75.00



0+88.48

STA. 0+88.48
LIMIT OF WORK



1+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY		
CHECKED-REVIEWED		
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MULTIUSE PATH

CROSS SECTIONS

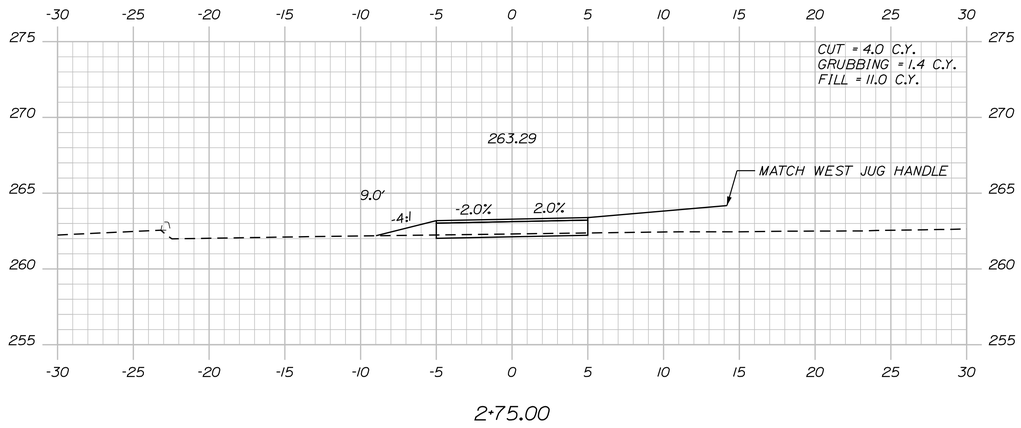
SHEET NUMBER

92

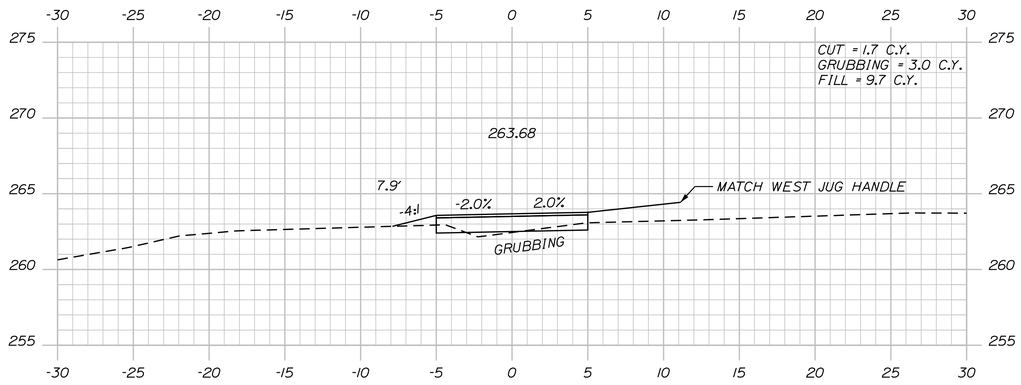
OF 98

Sta. 0+88.48 to Sta. 2+00.00

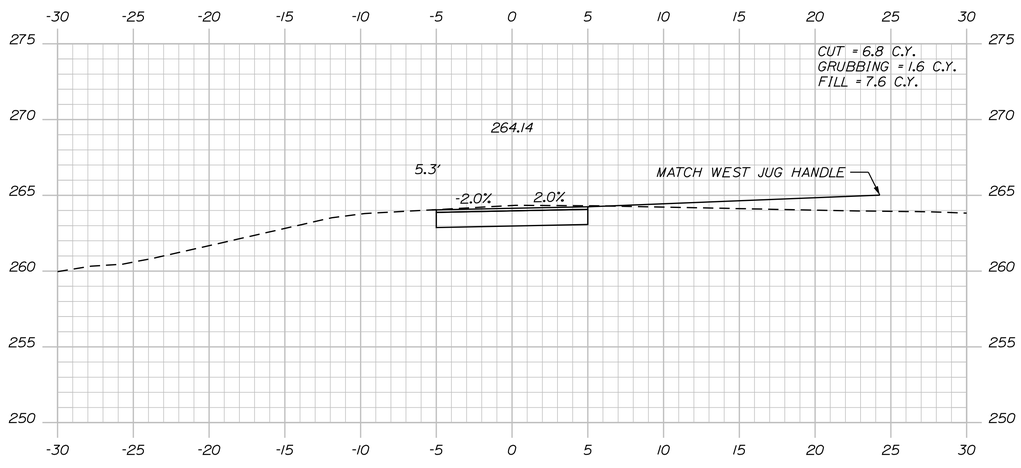
Filename: ...\MSTA\092_XSECT_0+88_001.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021



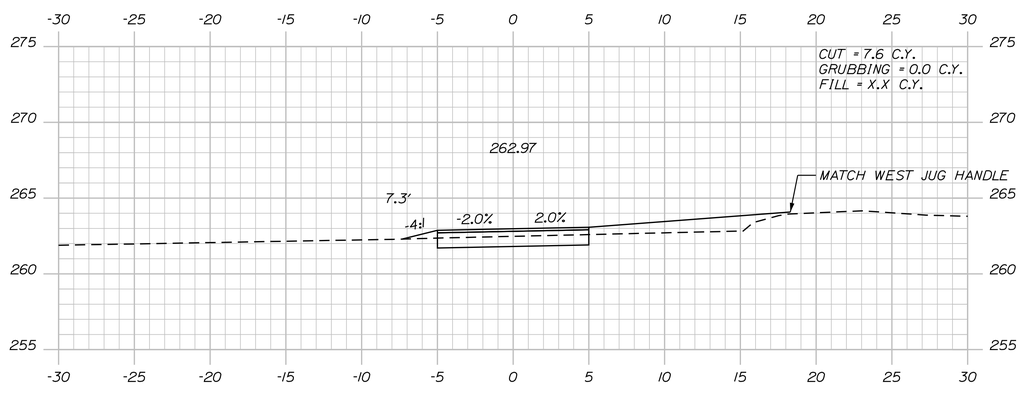
2+75.00



2+50.00



2+25.00



3+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

WIN
021766.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER RHOBE MOULTON		
DESIGN-DETAILED C. SULLOWAY	------	---
CHECKED-REVIEWED -----	-----	-----
DESIGN2-DETAILED2 -------	-------	-------
DESIGN3-DETAILED3 -------	-------	-------
REVISIONS 1 ------	------	------
REVISIONS 2 ------	------	------
REVISIONS 3 ------	------	------
REVISIONS 4 ------	------	------
FIELD CHANGES ------	------	------

SIGNATURE

P.E. NUMBER

DATE

AUBURN
MULTIUSE PATH

CROSS SECTIONS

SHEET NUMBER

93

OF 98

Sta. 2+25.00 to Sta. 3+00.00

Filename: ...\MSTA\093_XSECT_2+25_002.dgn Division: HIGHWAY Username: Clark.E.Sullowoy Date:12/8/2021

PLAN LEGEND

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

Existing	Proposed

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

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

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

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

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83 (2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999805

GRID
MAINE 2000 WEST ZONE

GRACE COMMUNITY CHURCH OF CENTRAL MAINE

RANDY B. PERRAULT
SUZANNE L. BOOTHBY

1150 CENTER ST. AUBURN MAINE LLC
ITEM NO. (2)
TEMP. CONST. RIGHTS = 141±S.F. (1)
TOTAL AREA = 1.17±AC. (TOWN)

UNDERGROUND UTILITY EASEMENT
TO CMP & NETT
A.C.R.D. BOOK 10544, PAGE 151

STEPHEN E. BUCHANAN
CRYSTAL AL BUCHANAN,
TRUSTEES UNDER THE BUCHANAN TRUST
ITEM NO. (3)
TEMP. CONST. RIGHTS = 609±S.F. (1)
TOTAL AREA = 0.25±AC. (TOWN)

TURNER ST.
CURVE DATA
PI = 403+26.75
D = 57°17'44.8"
Δ = 35°36'31.2" Rt.
R = 100.00'
L = 62.15'
T = 32.11'
E = 5.03'

CORG, LLC
ITEM NO. (5)
DRAINAGE EASE. = 57±S.F. (1)
TEMP. CONST. RIGHTS = 0.08±AC. (2)
TOTAL AREA = 0.28±AC. (TOWN)

PC = STA. 402+94.64
PT = STA. 403+56.79

STATE HIGHWAY "21" / U.S. ROUTE 202 & ROUTE 4 / CENTER STREET
AUBURN

STA. 12+38.71 ROUTE 4 = STA. 301+65.71 LILLIAN ST.
END B.L. LILLIAN ST.
STA. 12+30.80 ROUTE 4 = STA. 202+36.20 OAK HILL RD.
END OAK HILL RD. B.L.
STA. 15+40.27 ROUTE 4 = STA. 403+92.58 TURNER ST.
END TURNER ST. B.L.

CORG, LLC
PARCEL NO. (1)
LAND TAKEN = 639±S.F. (PRESC. EASE.)
LAND TAKEN = 1106±S.F. (OTHER)
TOTAL LAND TAKEN = 1745±S.F.
TEMP. CONST. RIGHTS = 0.06±AC. (1)
TOTAL AREA = 0.86±AC. (TOWN)
REM. AREA = 0.82±AC.

EVANGELINE SMITH

CORG, LLC
PARCEL NO. (4)
LAND TAKEN = 546±S.F. (PRESC. EASE.)
LAND TAKEN = 0.05±AC. (OTHER)
TOTAL LAND TAKEN = 0.06±AC
DRAINAGE EASEMENT = 199±S.F. (1)
TEMP. CONST. RIGHTS = 0.07±AC. (1)
TOTAL AREA = 1.16±AC. (TOWN)
REM. AREA = 1.10±AC.

OAK HILL ROAD
CURVE DATA
PI = 200+76.25
D = 1°43'39.7"
Δ = 2°38'04.0" Rt.
R = 3316.31'
L = 152.48'
T = 76.25'
E = 0.88'

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

EXISTING RIGHT OF WAY INFORMATION

1) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP
STATE HIGHWAY "21", AUBURN, ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. U-021-1(6), S.H.C. FILE NO. 1-69, DATED OCTOBER 1962

2) CENTER STREET: ANDROSCOGGIN COUNTY COMMISSIONERS' RECORDS, VOL. 2, PG. 159, 4 RODS (66'), 1866

3) TURNER STREET: ANDROSCOGGIN COUNTY COMMISSIONERS' RECORDS, VOL. 5, PG. 21, WIDTH VARIES, 1911

4) LILLIAN STREET AND OAK HILL ROAD: CITY OF AUBURN VOL. 2, PAGES 158-159, 3 RODS (49.5')
SEE ALSO MAINE DEPARTMENT OF TRANSPORTATION RIGHT OF WAY MAP, OAK HILL ROAD
STATE PROJECT NO. 6868.00 (METRIC), D.O.T. FILE NO. 1-229, DATED NOVEMBER 1996

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	RMC	CWK
FINAL RIGHT OF WAY	JH	GLL
AREAS	JH	JDF

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

REVISIONS			BY
NO.	DATE	DESCRIPTION	

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

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

STATE HIGHWAY "21"
U.S. ROUTE 202 & ROUTE 4 / CENTER STREET
AUBURN ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. 2176600

AUGUST 2021	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 1-347
SCALE 1" = 25'	SHEET 1 OF 5	

SHEET NUMBER
94
OF 98

WIN 021766.00

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

PLAN LEGEND

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

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

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS

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

TURNER ST.
CURVE DATA
PI = 403+26.75
D = 57°17'44.8"
Δ = 35°36'31.2" Rt.
R = 100.00'
L = 62.15'
T = 32.11'
E = 5.03'

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83 (2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999805

GRID MAINE 2000 WEST ZONE

LAKE AUBURN WATERSHED PROTECTION COMMISSION (PER CITY TAX RECORDS)
PARCEL NO. (11)
LAND TAKEN = 0.10±AC. (2)
SLOPE EASE. = 1648±S.F. (1)
TEMP. CONST. RIGHTS = 0.73±AC. (2)
TOTAL AREA = 11.45±AC. (TOWN)
REM. AREA = 11.35±A.C.

GARY R. ASSELIN
ITEM NO. (7)
TEMP. CONST. RIGHTS = 824±S.F. (1)
TOTAL AREA = 0.19±AC. (TOWN)

GARY R. ASSELIN
PARCEL NO. (8)
LAND TAKEN = 382±S.F.
SLOPE EASE. = 755±S.F. (1)
TEMP. CONST. RIGHTS = 0.06±AC. (2)
TOTAL AREA = 0.69±AC. (TOWN)
REM. AREA = 0.68±AC.

ROUTE 4
CURVE #1 DATA
PI = 17+41.71
D = 4°51'20.1"
Δ = 14°58'23.0" Lt.
R = 1180.00'
L = 308.37'
T = 155.07'
E = 10.15'

LAMOS PROPERTIES LLC
PARCEL NO. (6)
LAND TAKEN = 385±S.F. (PRESC. EASE.)
LAND TAKEN = 205±S.F. (OTHER)
TOTAL LAND TAKEN = 590±S.F.
TEMP. CONST. RIGHTS = 1299±S.F. (1)
TOTAL AREA = 0.27±AC. (TOWN)
REM. AREA = 0.26±AC.

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

DANA F. TURNER
1225 CENTER STREET LLC
(LAND INSTALLMENT CONTRACT)
PARCEL NO. (9)
LAND TAKEN = 384±S.F. (PRESC. EASE.)
LAND TAKEN = 226±S.F. (OTHER)
TOTAL LAND TAKEN = 610±S.F.
TEMP. CONST. RIGHTS = 0.09±AC. (2)
TOTAL AREA = 0.60±AC.(TOWN)
REM. AREA = 0.59±AC.

JUG HANDLE
CURVE #4 DATA
PI = 700+49.79
D = 67°24'24.5"
Δ = 60°43'01.0" Lt.
R = 85.00'
L = 90.08'
T = 49.79'
E = 13.51'

MARTIN STREET EB
CURVE #2 DATA
PI = 503+79.31
D = 11°27'33.0"
Δ = 11°08'47.7" Lt.
R = 500.00'
L = 97.27'
T = 48.79'
E = 2.37'

AUBURN WATER DISTRICT
(PER CITY TAX RECORDS)
PARCEL NO. (12)
LAND TAKEN
= 0.06±AC. (PRESC. EASE.) (2)
LAND TAKEN
= 0.45±AC. (OTHER)
TOTAL LAND TAKEN
= 0.51±AC.
TEMP. CONST. RIGHTS
= 368±S.F. (1)
TOTAL AREA =
0.79±AC. (CALC)
REM. AREA = 0.28±AC.

EXISTING RIGHT OF WAY INFORMATION

1) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP, STATE HIGHWAY "21" AUBURN, ANDROSCOGGIN COUNTY, FEDERAL AID PROJECT NO. U-021-1(6) S.H.C. FILE NO. 1-69, DATED OCTOBER 1962

2) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP, STATE HIGHWAY "21" AUBURN, ANDROSCOGGIN COUNTY, FEDERAL AID PROJECT NOS. F-021-1(7) & L.S.F.-021-1(1) S.H.C. FILE NO. 1-79, DATED JANUARY 1967

3) CENTER STREET: ANDROSCOGGIN COUNTY COMMISSIONERS' RECORDS, VOL. 2, PG. 159, 4 RODS (66'), 1866

4) TURNER STREET: ANDROSCOGGIN COUNTY COMMISSIONERS' RECORDS, VOL. 5, PG. 21, WIDTH VARIES, 1911

5) MARTIN STREET: CUMBERLAND COUNTY COMMISSIONERS' RECORDS, VOL. 2, PG. 281, 4 RODS (66'), 1789

6) FAIR STREET: THE CITY OF AUBURN HAS NO RECORD OF FAIR STREET, F.K.A. SCHOOL STREET. A PRESCRIPTIVE EASEMENT HAS BEEN ESTABLISHED BY WAY OF CONTINUOUS USE SINCE 1873

NOTE-1: A PORTION OF THE BUILDING EXISTS WITHIN THE LIMITS OF THE EXISTING HIGHWAY RIGHT OF WAY AND IS A PERMITTED TEMPORARY ENCROACHMENT RIGHT OF WAY LINE SHALL REMAIN OF THE BUILDING ONLY UNDER MAINE LAW AND IS A PERMITTED THE ORIGINAL ESTABLISHED WIDTH OF THE BUILDING IS REMOVED. THE BOUNDARY OF THE HIGHWAY RIGHT OF WAY. (SEE S.H.C. FILE NO. 1-79)

WIN 021766.00

REVISIONS NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

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

STATE HIGHWAY "21"
U.S. ROUTE 202 & ROUTE 4 / CENTER STREET
AUBURN ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. 2176600

AUGUST 2021	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 1-347
SCALE 1" = 25'	SHEET 2 OF 5	

TECH	CHECKED
RMC	CWK
JH	GLL
JH	JDF

ITEM	
EXISTING CONDITION PLAN	
FINAL RIGHT OF WAY	
AREAS	

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

SHEET NUMBER
95
OF 98

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

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

PLAN LEGEND

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

Existing / Proposed

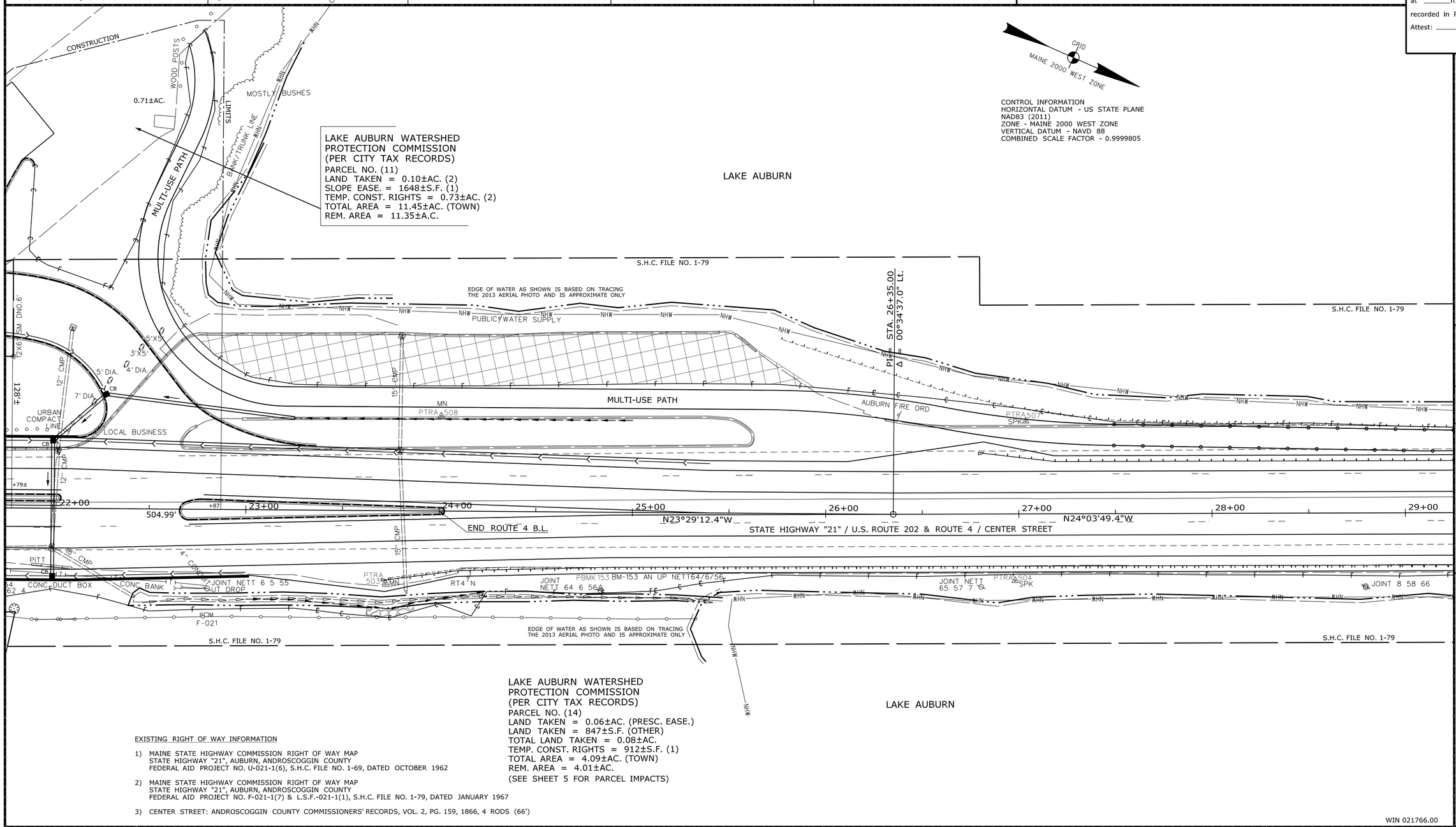
Cut Line	Fill Line
Stonewall	Retaining Wall
Baseline 10+00 11+00 12+00	
Monument	Traverse Point
Iron Rod Found IRF	Pipe Found IPF
Replacement Pin Set	

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

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



CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83 (2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999805

LAKE AUBURN WATERSHED PROTECTION COMMISSION (PER CITY TAX RECORDS)
PARCEL NO. (14)
LAND TAKEN = 0.06±AC. (PRESC. EASE.)
LAND TAKEN = 847±S.F. (OTHER)
TOTAL LAND TAKEN = 0.08±AC.
TEMP. CONST. RIGHTS = 912±S.F. (1)
TOTAL AREA = 4.09±AC. (TOWN)
REM. AREA = 4.01±AC.
(SEE SHEET 5 FOR PARCEL IMPACTS)

LAKE AUBURN

EXISTING RIGHT OF WAY INFORMATION

1) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP
STATE HIGHWAY "21", AUBURN, ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. U-021-1(6), S.H.C. FILE NO. 1-69, DATED OCTOBER 1962

2) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP
STATE HIGHWAY "21", AUBURN, ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. F-021-1(7) & L.S.F.-021-1(1), S.H.C. FILE NO. 1-79, DATED JANUARY 1967

3) CENTER STREET: ANDROSCOGGIN COUNTY COMMISSIONERS' RECORDS, VOL. 2, PG. 159, 1866, 4 RODS (66')

WIN 021766.00

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	RMC	CWK
FINAL RIGHT OF WAY	JH	GLL
AREAS	JH	JDF

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

REVISIONS NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK ____ PAGE ____ COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

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

STATE HIGHWAY "21"
U.S. ROUTE 202 & ROUTE 4 / CENTER STREET
AUBURN ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. 2176600

AUGUST 2021	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 1-347
SCALE 1" = 25'	SHEET 3 OF 5	

SHEET NUMBER
96
OF 98

PLAN LEGEND

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

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

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE REGISTRY OF DEEDS

COUNTY _____
RECEIVED _____, _____
at _____h _____m _____M and
recorded in Plan Bk _____, Pg. _____
Attest: _____
REGISTER

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE
NAD83 (2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999805

GRID
MAINE 2000 WEST ZONE

ROUTE 4
CURVE #2 DATA
PI = 30+81.50
D = 0°45'50.2"
Δ = 1°19'06.5" Lt.
R = 7500.00'
L = 172.59'
T = 86.30'
E = 0.50'

LAKE AUBURN

S.H.C. FILE NO. 1-79

PC = STA. 29+95.20

PT = STA. 31+67.79

EDGE OF WATER AS SHOWN IS BASED ON TRACING THE 2013 AERIAL PHOTO AND IS APPROXIMATE ONLY

MULTI-USE PATH

GATE

12" CMP

8" MAPLE

40 MPH

LEW-AUB AIRPORT

AUBURN MUNI BEACH

N24°03'49.4"W

STATE HIGHWAY "21" / U.S. ROUTE 202 & ROUTE 4 / CENTER STREET

29+00 30+00 CURVE #2 31+00 32+00 33+00 34+00 35+00 35+50

N25°22'55.9"W

CURVE #3

TO LAKE SHORE DRIVE

JOINT 8 58 66

STEEL CULVERT

JOINT 9 59 67

5/8" IR UP 1" (BENT)

BBMK 154 AN UP NETT68/60/10

JOINT NETT 68 60 10

55MPH

JOINT 69 61 11

21766-21 GPS SPK

JOINT NETT 21 70 12 62

5/8" IR CIR 1133 FLUSH

PC = STA. 33+29.64

PT = STA. 35+28.69

ROUTE 4
CURVE #3 DATA
PI = 34+29.17
D = 0°39'44.6"
Δ = 1°19'06.5" Rt.
R = 8650.00'
L = 199.05'
T = 99.53'
E = 0.57'

EXISTING RIGHT OF WAY INFORMATION

1) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP
STATE HIGHWAY "21", AUBURN, ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. U-021-1(6), S.H.C. FILE NO. 1-69, DATED OCTOBER 1962

2) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP
STATE HIGHWAY "21", AUBURN, ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. F-021-1(7) & L.S.F.-021-1(1), S.H.C. FILE NO. 1-79, DATED JANUARY 1967

3) CENTER STREET: ANDROSCOGGIN COUNTY COMMISSIONERS' RECORDS, VOL. 2, PG. 159, 1866, 4 RODS (66')

WIN 021766.00

TECH	CHECKED
RMC	CWK
JH	GLL
JH	JDF

ITEM	
EXISTING CONDITION PLAN	
FINAL RIGHT OF WAY	
AREAS	

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

REVISIONS			BY
NO.	DATE	DESCRIPTION	

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

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

STATE HIGHWAY "21"
U.S. ROUTE 202 & ROUTE 4 / CENTER STREET
AUBURN ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. 2176600

AUGUST 2021	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 1-347
SCALE 1" = 25'	SHEET 4 OF 5	

SHEET NUMBER
97
OF 98

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

PLAN LEGEND

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

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

THIS PLAN WAS PREPARED IN CONNECTION WITH THE DEPARTMENT'S ACQUISITION OF REAL PROPERTY FOR TRANSPORTATION PURPOSES. IT CANNOT BE USED TO ESTABLISH LEGAL BOUNDARIES BETWEEN ABUTTING PROPERTY OWNERS.

25 0 25 50 75 100
Scale of Feet

STATE OF MAINE
REGISTRY OF DEEDS

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

EXISTING RIGHT OF WAY INFORMATION

1) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP STATE HIGHWAY "21", AUBURN, ANDROSCOGGIN COUNTY FEDERAL AID PROJECT NO. U-021-1(6) S.H.C. FILE NO. 1-69, DATED OCTOBER 1962

2) MAINE STATE HIGHWAY COMMISSION RIGHT OF WAY MAP STATE HIGHWAY "21", AUBURN, ANDROSCOGGIN COUNTY FEDERAL AID PROJECT NO. F-021-1(7) & L.S.F.-021-1(1) S.H.C. FILE NO. 1-79, DATED JANUARY 1967

3) CENTER STREET: ANDROSCOGGIN COUNTY COMMISSIONERS' RECORDS VOL. 2, PG. 159, 4 RODS (66'), 1866.

4) TURNER STREET: ANDROSCOGGIN COUNTY COMMISSIONERS' RECORDS VOL. 5, PG. 21, WIDTH VARIES, 1911.

5) MARTIN STREET: CUMBERLAND COUNTY COMMISSIONERS' RECORDS VOL. 2, PG. 281, 4 RODS (66'), 1789.

6) FAIR STREET: THE CITY OF AUBURN HAS NO RECORD OF FAIR STREET, F.K.A. SCHOOL STREET. A PRESCRIPTIVE EASEMENT HAS BEEN ESTABLISHED BY WAY OF CONTINUOUS USE SINCE 1873

GARY R. ASSELIN
PARCEL NO. (8)
LAND TAKEN = 382±S.F.
SLOPE EASE. = 755±S.F. (1)
TEMP. CONST. RIGHTS = 0.06±AC. (2)
TOTAL AREA = 0.69±AC. (TOWN)
REM. AREA = 0.68±AC.

ROUTE 4 DATA
CURVE #1
PI = 17+41.71
D = 4°51'20.1"
Δ = 14°58'23.0" Lt.
R = 1180.00'
L = 308.37'
T = 155.07'
E = 10.15'

STA. 19+70.94 ROUTE 4 = STA. 603+18.55 MARTIN ST. WB END MARTIN ST. WB B.L.

STATE HIGHWAY "21" / U.S. ROUTE 202 & ROUTE 4 / CENTER STREET

STA. 17+90.86 ROUTE 4 = STA. 505+14.55 MARTIN ST. EB END MARTIN ST. EB B.L.

DANA F. TURNER
1225 CENTER STREET LLC
(LAND INSTALLMENT CONTRACT)
PARCEL NO. (9)
LAND TAKEN = 384±S.F. (PRESC. EASE.)
LAND TAKEN = 226±S.F. (OTHER)
TOTAL LAND TAKEN = 610±S.F.
TEMP. CONST. RIGHTS = 0.09±AC. (2)
TOTAL AREA = 0.60±AC. (TOWN)
REM. AREA = 0.59±AC.

JUG HANDLE
CURVE #4 DATA
PI = 700+49.79
D = 67°24'24.5"
Δ = 60°43'01.0" Lt.
R = 85.00'
L = 90.08'
T = 49.79'
E = 13.51'

MARTIN STREET EB
CURVE #2 DATA
PI = 503+79.31
D = 11°27'33.0"
Δ = 11°08'47.7" Lt.
R = 500.00'
L = 97.27'
T = 48.79'
E = 2.37'

STA. 503+90.36 MARTIN ST. EB = STA. 700+00 JUG HANDLE
SHERRAIN A. DAVIDSON
ITEM NO. (10)
TEMP. CONST. RIGHTS = 200±S.F. (1)
TOTAL AREA = 0.17±AC. (TOWN)

AUBURN WATER DISTRICT
(PER CITY TAX RECORDS)
PARCEL NO. (12)
LAND TAKEN (PRESC. EASE.) (2)
= 0.06±AC.
LAND TAKEN (OTHER)
= 0.45±AC.
TOTAL LAND TAKEN
= 0.51±AC.
TEMP. CONST. RIGHTS
= 368±S.F. (1)
TOTAL AREA (1)
= 0.79±AC. (CALC)
REM. AREA = 0.28±AC.

AUBURN WATER DISTRICT
(PER CITY TAX RECORDS)
ITEM NO. (13)
DRAINAGE EASE. = 435±S.F. (1)
TEMP. CONST. RIGHTS = 0.05±AC. (1)
TOTAL AREA = 1.70±AC. (TOWN)

OUTLET PIPE EASEMENT SEE D.O.T. FILE NO. 1-69

OUTLET DRAINAGE STRUCTURE STA. 500+85 TO STA. 501+21 LT.

HIGH WATER MARK AS SHOWN IS BASED ON TRACING OF THE 1994 SUBDIVISION PLAN ENTITLED "THE OUTLET SUBDIVISION" AND IS APPROXIMATE ONLY

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

MARTIN ST. EB
CURVE #1 DATA
PI = 500+76.34
D = 22°55'05.9"
Δ = 33°57'36.6" Lt.
R = 250.00'
L = 148.18'
T = 76.34'
E = 11.40'

MARTIN STREET WB
CURVE #3 DATA
PI = 601+29.67
D = 41°45'11.3"
Δ = 16°31'47.2" Rt.
R = 342.00'
L = 247.89'
T = 129.67'
E = 23.76'

FAIR ST.
CURVE DATA
PI = 902+43.93
D = 95°29'34.7"
Δ = 50°50'12.9" Rt.
R = 60.00'
L = 53.24'
T = 28.51'
E = 6.43'

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83 (2011)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD 88
COMBINED SCALE FACTOR - 0.9999805

LAKE AUBURN WATERSHED PROTECTION COMMISSION (PER CITY TAX RECORDS)
PARCEL NO. (14)
LAND TAKEN = 0.06±AC. (PRESC. EASE.)
LAND TAKEN = 847±S.F. (OTHER)
TOTAL LAND TAKEN = 0.08±AC.
TEMP. CONST. RIGHTS = 912±S.F. (1)
TOTAL AREA = 4.09±AC. (TOWN)
REM. AREA = 4.01±AC.

ITEM	CHECKED
EXISTING CONDITION PLAN	CWK
FINAL RIGHT OF WAY	GLL
AREAS	JDF

TECH	
	RMC
	JH
	JH

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK ____ PAGE ____ COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE

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

STATE HIGHWAY "21"
U.S. ROUTE 202 & ROUTE 4 / CENTER STREET
AUBURN ANDROSCOGGIN COUNTY
FEDERAL AID PROJECT NO. 2176600

AUGUST 2021	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 1-347
SCALE 1" = 25'	SHEET 5 OF 5	

SHEET NUMBER
98
OF 98

WIN 021766.00

Date: $date$
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