STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

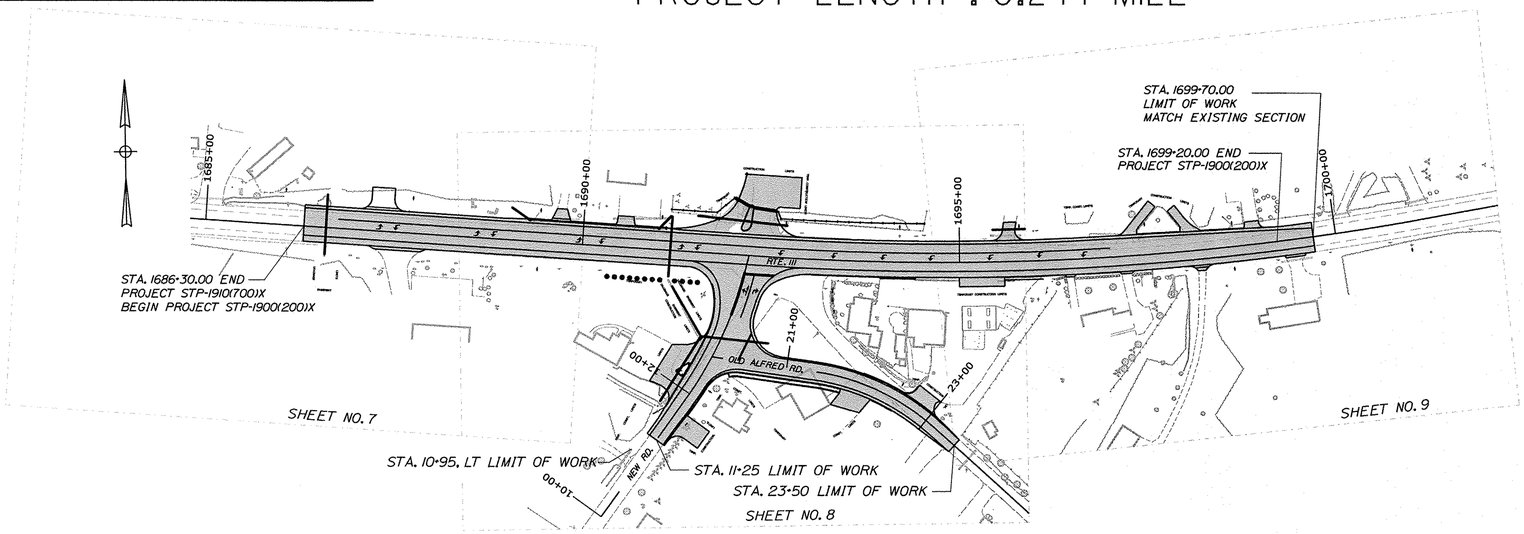
PLAN LEGEND

Town, County, State		Centerline-Existing	
Property Lines		Centerline-Proposed	10+00
R/W Lines-Existing		Travelway-Existing	
R/W Lines-Proposed		Travelway-Proposed	
Culvert-Existing		Railroad	
Culvert Proposed		Catch Basins	Existing ■ Proposed
Curbing	Existing / Proposed	Manholes	Existing ● Proposed
Type 1		Proposed Underdrain	
Type 3		Proposed Ditch	
Type 5		Existing Ditch	
Outline of Bodies of Water		Utility Poles	Existing ♦ Proposed
Exposed Bedrock		Fire Hydrants	Existing ◆ Proposed
Buildings		Existing Water Line	
Trees	Conifer / Deciduous	Existing San. Sewer	
Tree Line		Existing San. Sewer Manhole	
Clearing Limit Line	CLL	Guardrail-Existing	
Probe	P-#.#X #.# = Depth X = W (Weathered Rock) R (Refusal) NR (No Refusal)	Guardrail-Proposed	
		Guardrail-Cable, Other	
		Boring	HB-XXX-###
		Pavement Core	PC-#
		Test Pit	TP-XXX-###

ARUNDEL
YORK COUNTY
RTE 111\OLD ALFRED RD\NEW RD
AC-STP-1900(200)X
PROJECT LENGTH : 0.244 MILE

INDEX OF SHEETS

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TRAFFIC DATA

	Rte. 111 (W)	Rte. 111 (E)	New Rd.	Old Alfred Rd.	Old Alfred Rd. & New Rd. Combined
Current (2018) AADT	17360	19480	2640	550	3030
Future (2030) AADT	19440	21820	2950	610	3390
DHV - % of AADT	10%	10%	10%	8%	9%
Design Hour Volume	1833	2101	302	48	319
% Heavy Trucks (AADT)	6%	6%	5%	7%	6%
% Heavy Trucks (DHV)	3%	3%	3%	3%	3%
Directional Distribution (DHV)	69%	68%	64%	54%	63%
18 kip Equivalent P 2.0	462	480	49	14	59
18 kip Equivalent P 2.5	440	458	47	13	57
Design Speed (mph)	40	40	35	25	
Corridor Priority:	1	1	6	6	
Functional Class:	Principal Arterial	Principal Arterial	Local Urban	Local Urban	

LAYOUT SCALE

100' 0 100' 200'

Scale in Feet

PROJECT LOCATION:	INTERSECTION OF NEW ROAD AND ROUTE 111
PROGRAM AREA:	HIGHWAY PROGRAM
SCOPE OF WORK:	SPOT IMPROVEMENT WITH SAFETY AND DRAINAGE IMPROVEMENTS

WIN 19002.00 AC-STP-1900(200)X

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

APPROVED — DATE

COMMISSIONER: [signature] 11/30/18

CHIEF ENGINEER: [signature] 11-30-18

ALBERT L GODFREY No. 4226 REGISTERED PROFESSIONAL ENGINEER STATE OF MAINE

[signature]

SIGNATURE 4226 — P.E. NUMBER

11/13/2018 — DATE

PROJECT INFORMATION	
PROGRAM	HIGHWAY
PROJECT MANAGER	E. MARTIN
DESIGNER	M.MORIN
CONSULTANT	TERRA MAGNA SERVICES, INC.
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

ARUNDEL
RTE. 111\OLD ALFRED RD.\NEW RD.

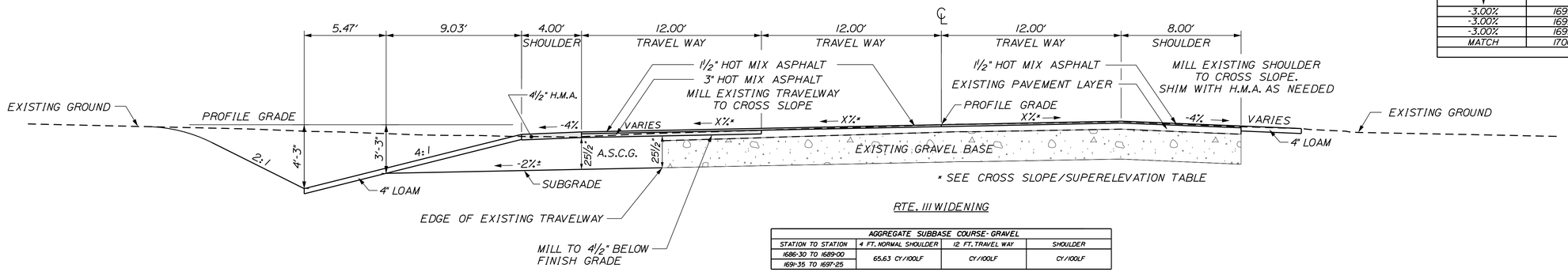
TITLE SHEET

SHEET NUMBER 1 OF 50

Filename: ...\001_Title_01.dgn Division: HIGHWAY Username: morin Date:11/13/2018

FULL CONSTRUCTION AND MILL & FILL

(MILL EXISTING PAVEMENT TO 1½" MAXIMUM DEPTH FROM THE PROPOSED PROFILE GRADE)



RTE. 111 WIDENING

AGGREGATE SUBBASE COURSE- GRAVEL			
STATION TO STATION	4 FT. NORMAL SHOULDER	12 FT. TRAVEL WAY	SHOULDER
1686-30 TO 1689-00	65.63 CY/100LF	CY/100LF	CY/100LF
1691-35 TO 1697-25			

CROSS SLOPE/SUPERELEVATION TABLE		
LEFT	STATION	RIGHT
-3.00%	1686+25	-3.00%
↓	↓	↓
-3.00%	1690+75	-3.00%
-3.00%	1691+00	-2.40%
-3.00%	1691+25	-1.70%
-3.00%	1691+50	-1.10%
-3.00%	1691+75	-0.40%
-3.00%	1692+00	+0.20%
-3.00%	1692+25	+0.80%
-3.00%	1692+50	+1.50%
-3.00%	1692+75	+2.10%
↓	↓	↓
-3.00%	1699+25	+2.10%
-3.00%	1699+50	+1.37%
-3.00%	1699+75	+0.63%
MATCH	1700+00	EXISTING

RTE. 111 WIDENING

AGGREGATE SUBBASE COURSE- GRAVEL			
STATION TO STATION	5 FT. CURB SHOULDER	12 FT. TRAVEL WAY	SHOULDER
1689-25 TO 1691+10	45.89 CY/100LF	CY/100LF	CY/100LF

RTE. 111 WIDENING

AGGREGATE SUBBASE COURSE- GRAVEL			
STATION TO STATION	4 FT. CURB SHOULDER	12 FT. TRAVEL WAY	SHOULDER
1697+40 TO 1698+79	38.43 CY/100LF	CY/100LF	CY/100LF

NOTES:

1. THE PAVEMENT, BASE, AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER'S PAVEMENT SHALL HAVE THE SAME CROSS SLOPE AS THE TRAVEL WAY.
3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. EXCEPT WHERE NOTED, THE GRAVEL QUANTITY CALCULATION IS BASED ON 4" LOAM. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
5. THE ALGEBRAIC DIFFERENCE BETWEEN SHOULDER AND TRAVEL LANE CROSS SLOPE'S "ROLLOVER" SHALL NOT EXCEED 8%.
6. THE STATION SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
7. H.M.A. = HOT MIX ASPHALT
   A.S.C.G. = AGGREGATE SUBBASE COURSE- GRAVEL
   C.O. = CURB OFFSET

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	MSM	2/18	
CHECKED-REVIEWED	ALG	9/18	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
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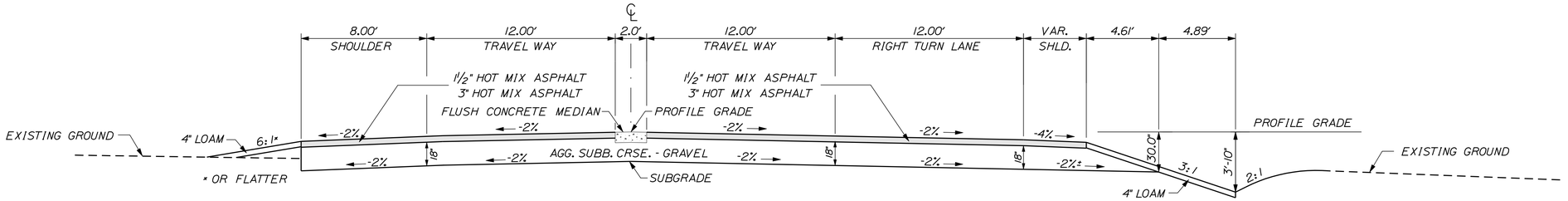
ARUNDEL
RTE. 111

TYPICAL SECTIONS

SHEET NUMBER
2
OF 50

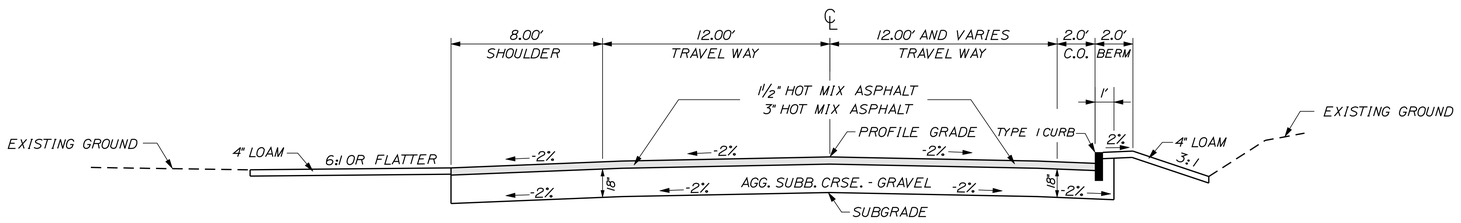
Filename: ...\002_Typical.dgn Division: HIGHWAY Username: common Date:11/14/2018

FULL CONSTRUCTION



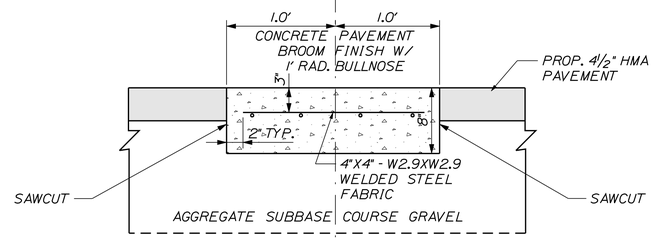
NEW ROAD

AGGREGATE SUBBASE COURSE- GRAVEL			
STATION TO STATION	8 FT. BOX SHOULDER	12 FT. TRAVEL WAY	SHOULDER
	44.44 CY/100LF	66.67 CY/100LF	CY/100LF



NEW ROAD

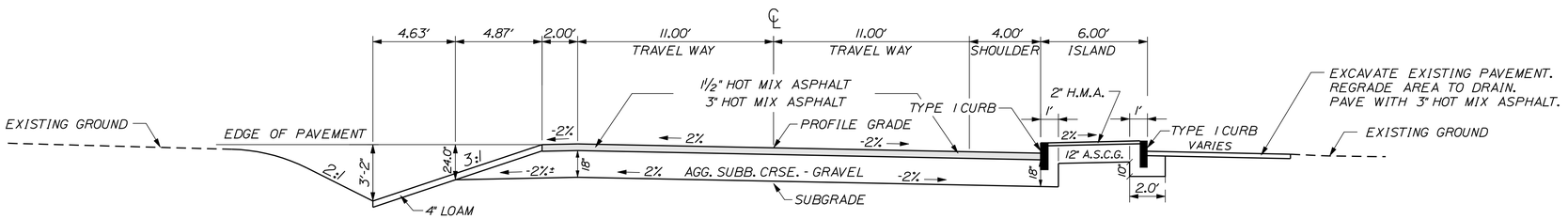
AGGREGATE SUBBASE COURSE- GRAVEL			
STATION TO STATION	8 FT. BOX SHOULDER	12 FT. TRAVEL WAY	2 FT. CURB OFFSET
	44.44 CY/100LF	66.67 CY/100LF	17.30 CY/100LF



FLUSH CONCRETE MEDIAN

NTS

STA. 13+18 TO STA. 13+78



OLD ALFRED ROAD

AGGREGATE SUBBASE COURSE- GRAVEL				
STATION TO STATION	2 FT. NORMAL SHOULDER	11 FT. TRAVEL WAY	4 FT. CURB SHOULDER	6 FT. PAVED ISLAND
	24.85 CY/100LF	61.11 CY/100LF	28.71 CY/100LF	23.88 CY/100LF

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	MSM		2/18
CHECKED-REVIEWED	ALG		9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ARUNDEL
NEW RD. / OLD ALFRED RD.

TYPICAL SECTIONS

SHEET NUMBER

3

OF 50

Filename: ...\003_Typical.dgn Division: HIGHWAY Username: morin Date:11/13/2018

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE, TOP ONLY	7	EACH
201.24	REMOVING STUMP	8	EACH
202.08	REMOVING BUILDING NO. 1	1	LS
202.202	REMOVING PAVEMENT SURFACE	5,290	SY
203.20	COMMON EXCAVATION	4,900	CY
203.21	ROCK EXCAVATION	1,000	CY
203.25	GRANULAR BORROW	50	CY
206.061	STRUCT EARTH EXC-DRAIN & MINOR STRUCT-BELOW GRADE	50	CY
206.07	STRUCTURAL ROCK EXC-DRAINAGE & MINOR STRUCTURES	50	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	3,800	CY
403.2081	12.5mm POLYMER MODIFIED HMA	790	TON
403.209	HOT MIX ASPHALT, 9.5mm (SW,DRIVES,INCIDENTALS)	330	TON
403.211	HOT MIX ASPHALT (SHIM)	70	TON
403.213	HOT MIX ASPHALT, 12.5mm BASE	840	TON
409.15	BITUMINOUS TACK COAT - APPLIED	200	GAL
502.341	STRUCTURAL CONCRETE ROADWAY MEDIAN	3	CY
603.16	15" CULVERT PIPE OPTION I	44	LF
603.169	15" CULVERT PIPE OPTION III	50	LF
603.17	18" CULVERT PIPE OPTION I	120	LF
603.175	18" REINFORCED CONCRETE PIPE CLS III	80	LF
603.179	18" CULVERT PIPE OPTION III	88	LF
603.195	24" REINFORCED CONCRETE PIPE CLS III	80	LF
603.199	24" CULVERT PIPE OPTION III	174	LF
603.55	CONCRETE PIPE TIES	2	GRP
604.092	CATCH BASIN TYPE BI-C	2	EACH
604.093	60 IN CATCH BASIN TYPE BI	1	EACH
605.09	6" UNDERDRAIN TYPE B	180	LF
605.10	6" UNDERDRAIN OUTLET	20	LF
605.12	15 IN UNDERDRAIN TYPE C	170	LF
606.47	SINGLE WOOD POST	7	EACH
607.15	DRIVE GATEWAY 16 FT- METAL	2	EACH
607.16	CHAIN LINK FENCE - 4 FT	30	LF
607.242	REMOVE AND RESET GATE	2	EACH
607.243	REMOVE CHAIN LINK FENCE	8	LF
607.25	REMOVE AND RESET CHAIN LINK FENCE	268	LF
609.11	VERTICAL CURB TYPE I	380	LF
609.12	VERTICAL CURB TYPE I - CIRCULAR	90	LF
609.234	TERMINAL CURB TYPE I - 4 FOOT	7	EACH
609.31	CURB TYPE 3	580	LF
610.08	PLAIN RIPRAP	50	CY
610.18	STONE DITCH PROTECTION	30	CY
613.319	EROSION CONTROL BLANKET	500	SY
615.07	LOAM	500	CY
618.13	SEEDING METHOD NUMBER 1	28	UNIT
618.14	SEEDING METHOD NUMBER 2	21	UNIT
619.12	MULCH	50	UNIT
620.58	EROSION CONTROL GEOTEXTILE	100	SY
621.031	EVERGREEN TREE (4'-5') GROUP A	12	EACH
627.733	WHITE OR YELLOW PVMT MARKING LINE	6,400	LF
627.75	WHITE OR YELLOW PAVEMENT AND CURB MARKING	760	SF
627.78	TEMP. PVMT. MARK LINE, WHITE OR YELLOW	12,800	LF
629.05	HAND LABOR	50	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	50	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	40	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	10	HR
631.20	STUMP CHIPPER (INCLUDING OPERATOR)	5	HR
631.22	FRONT END LOADER (INCLUDING OPERATOR)	40	HR
631.32	CULVERT CLEANER (INCLUDING OPERATOR)	5	HR
639.18	FIELD OFFICE TYPE A	1	EACH
645.106	DEMOUNT REG. WRN. CON. & RTE SIGN	18	EACH
645.116	REINSTALL REG. WRN. CON. & RTE SIGN	17	EACH
652.33	DRUM	100	EACH
652.34	CONE	100	EACH
652.35	CONSTRUCTION SIGNS	600	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	150	CD
652.38	FLAGGER	4,500	HR
652.41	PORTABLE - CHANGE MESSAGE SIGN	2	EACH
656.75	TEMP. SOIL EROSION AND WATER POLLUTION CONTROL PLAN	1	LS
658.20	ACRYLIC LATEX FINISH, GREEN	160	SY
659.10	MOBILIZATION	1	LS

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT

SUMMARY OF EARTHWORK AND BORROW

COMMON EXCAVATION FOR ESTIMATE

COMMON EXCAVATION_RTE 111 (FROM CROSS SECTIONS)	2,934 CY	
COMMON EXCAVATION_NEW RD (FROM CROSS SECTIONS)	812 CY	
COMMON EXCAVATION_OLD ALFRED RD (FROM CROSS SECTIONS)	1,057 CY	
PAVEMENT REMOVAL OUTSIDE OF SECTIONS	134 CY	
TOTAL COMMON EXCAVATION		4,937 CY

FILL FOR BORROW CALCULATIONS

COMMON FILL_ RTE 111 (FROM CROSS SECTIONS)	84 CY	
COMMON FILL_NEW RD (FROM CROSS SECTIONS)	44 CY	
COMMON FILL_OLD ALFRED RD (FROM CROSS SECTIONS)	7 CY	
TOTAL FILL		135 CY

ROCK EXCAVATION FOR ESTIMATE

ROCK EXCAVATION	910 CY	
TOTAL ROCK EXCAVATION		910 CY

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS 4,937 CY

(1) TOTAL COMMON EXCAVATION DEDUCTIONS:

PAVEMENT IN SECTIONS	225 CY	
PAVEMENT OUTSIDE OF SECTIONS	45 CY	
GRUBBING IN CUT	494 CY	
(2) TOTAL DEDUCTIONS		764 CY
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		4,173 CY
TOTAL AVAILABLE STRUCT. EXC. (USUALLY UNDERDRAIN ONLY)		72 CY
TOTAL AVAILABLE NON-ROCK EXCAVATION		4,245 CY

COMPUTATION OF COMMON BORROW FOR ESTIMATE

(3) TOTAL FILL			135 CY
TOTAL AVAILABLE NON-ROCK EXCAV.	4,245	X 0.90 =	3,821 CY
TOTAL AVAILABLE ROCK EXCAV.	910	X 1.30 =	1183 CY
(4) TOTAL AVAILABLE EXCAVATION			5,004 CY
BORROW NEEDED (3) MINUS (4)			-4,869 CY
TOTAL SURPLUS WASTE MATERIAL	5,633 CY		

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

	BY	DATE
E. MARTIN	MSM	2/18
		9/18

SIGNATURE
4226

P.E. NUMBER
11/14/2018

DATE

PROJ. MANAGER	
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALC
DESIGN2-DETAILED2	
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REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

ARUNDEL
RTE 111\OLD ALFRED RD\NEW RD

ESTIMATED QUANTITIES

SHEET NUMBER
4
OF 50

Filename: ...\004_Estimate.dgn Division: HIGHWAY Username: common Date:12/3/2018

STATION	CULVERT PIPE											CATCH BASIN					PIPE ARCH			MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			CMP		OPTION I		OPTION III													TYPE B		TYPE C					
								SMOOTHLINED		CORRUGATED										GAGE OR WALL THICKNESS	TYPE B	OUTLET	SMOOTHLINED		CORRUGATED		DESCRIPTIONS	
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	B1-C	B1	E	F	SPAN	RISE	LENGTH		LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
STA. 1695+44. 42.5' LT TO STA. 1695+88. 42.5' LT						15"	44'																					
STA. 1691+50. 48.0' LT TO STA. 1692+69.9. 42.5' LT						18"	120'																					
STA. 1689+03.80. 42.8' LT TO STA. 1689+27.30. 27.6' LT								15"	28'																			
STA. 1691+01.45. 27.9' LT TO STA. 1691+14.61. 45.5' LT								15"	22'																			
STA. 12+75.70. 23.7' LT TO STA. 13+02.77. 60.3' RT								18"	88'																			
STA. 1686+59.20. 44.0' LT TO STA. 1686+59.70. 36.0' RT	24"	80'	III																									
STA. 1691+16.81. 43.0' LT TO STA. 1691+16.10. 37.0' RT	18"	80'	III																									
STA. 11+68.8. 25.9' LT TO STA. 12+72.4. 25.8' LT								24"	100'																			
STA. 12+76.48. 27.7' LT TO STA. 13+26.85. 86.8' LT								24"	74'																			
STA. 1689+29.00. 27.87' LT													1															
STA. 1691+00.00. 27.87' LT													1															
STA. 12+75. 25.6' LT														1														60" DIAMETER
STA. 1689+31.00 LT TO STA. 1690+98.00 LT																							15"	167'				
STA. 11+68.00. 15.4' LT TO STA. 13+50.00. 37.5' LT																					180'							
STA. 11+50.0. 23.9' LT TO STA. 11+68.0. 15.4' LT																						20'						

NOTE: ALL PROPOSED OPTION III CULVERT PIPE AND TYPE C UNDERDRAIN SHALL BE SMOOTHLINED ONLY.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
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CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
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REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111\OLD ALFRED RD\NEW RD

DRAINAGE SHEET

SHEET NUMBER
5
OF 50

Filename: ...\005_Drainage.dgn Division: HIGHWAY Username: morin Date:11/13/2018

GENERAL NOTES

1. CONSTRUCT BUTT JOINTS AT ALL PAVED DRIVES AND ENTRANCES NOTED TO BE OVERLAID. BUTT JOINTS SHALL HAVE A MINIMUM WIDTH OF 18" OR AS DIRECTED BY THE RESIDENT.

2. A TEMPORARY RAMP SHALL BE CONSTRUCTED WITH HMA AT THE ENDS OF THE ROADWAY SECTION PAVED OR MILLED EACH DAY. THE USES OF MILLINGS OR RAP WILL NOT BE ALLOWED, BUT COLD PATCH MAY BE TEMPORARILY UTILIZED UNTIL HMA PLANTS ARE OPEN FOR THE SEASON. FOR INTERSTATE HIGHWAYS OR ROADWAYS WITH SPEED LIMITS EQUALING OR EXCEEDING 50 MPH, TEMPORARY RAMPS SHALL BE CONSTRUCTED AT A LENGTH OF EIGHT FEET PER INCH OF TRANSITION DEPTH. FOR ALL OTHER ROADWAYS WITH SPEED LIMITS LESS THAN 50 MPH, TEMPORARY RAMPS SHALL BE CONSTRUCTED AT A LENGTH OF FOUR FEET PER INCH OF TRANSITION DEPTH. MATERIALS, PLACEMENT, MAINTENANCE, AND REMOVAL SHALL BE INCIDENTAL TO CONTRACT ITEMS.

3. CLEARING LIMITS SHALL BE 10' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT. CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE.

4. STUMPS HAVE BEEN ESTIMATED TO BE REMOVED UNDER ITEM 201.24 REMOVE STUMP. HOWEVER, WHERE DIRECTED BY THE RESIDENT, ITEM 631.20 STUMP CHIPPER (INCLUDING OPERATOR) MAY BE USED TO REMOVE STUMPS.

5. GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT.

6. PRIOR TO REMOVING ANY PAVEMENT OR PLACING ANY SHIM PAVEMENT, THE ROADWAY WILL BE INSPECTED FOR POSSIBLE SUBSURFACE BOULDERS, WHICH WILL BE REMOVED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER APPROPRIATE CONTRACT RENTAL ITEMS. BACKFILL WILL BE PLACED TO SUBGRADE WITH MATERIAL CONSISTENT WITH THE SURROUNDING MATERIAL. AGGREGATE SUBBASE COURSE GRAVEL WILL BE PLACED FROM SUBGRADE TO FINISH GRADE AND WILL BE PAID UNDER THE APPROPRIATE ITEM.

7. WHERE DEEMED NECESSARY BY THE RESIDENT, UNSUITABLE EXCESS MATERIAL SHALL BE REMOVED FROM THE EDGES OF SHOULDERS AND PLACED IN DESIGNATED AREAS OR DISPOSED OF. PAYMENT WILL BE MADE UNDER THE APPROPRIATE CONTRACT ITEMS.

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 THEIR WORK ACCORDINGLY SO THAT UPON FINAL COMPLETION OF THE PROJECT THERE IS NO DROP OFF FROM THE EDGE OF SHOULDER PAVEMENT.

10. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES 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. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19 AND WILL BE PAID FOR AS GRANULAR BORROW.

14. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1' ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19.

15. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2" HOT MIX ASPHALT AND 12" AGGREGATE SUBBASE COURSE GRAVEL.

16. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3" HOT MIX ASPHALT AND 11" AGGREGATE SUBBASE COURSE GRAVEL.

17. GRAVEL ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE SUBBASE COURSE GRAVEL OR 11" AGGREGATE SUBBASE COURSE GRAVEL AND 3" UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT. PAYMENT FOR AGGREGATE WILL BE MADE UNDER ITEM 304.10.

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

19. 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.

20. ALL EXISTING PAVED SHOULDERS AND WIDENINGS TO BE RESURFACED AS DIRECTED BY THE RESIDENT.

21. WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE SHOULDER PAVEMENT WILL HAVE SAME SLOPE AS TRAVELED WAY.

22. PRIOR TO SURFACE PAVING, EXISTING CULVERTS AND CATCH BASINS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).

23. GRANULAR BORROW USED UNDER PIPES SHALL MEET THE REQUIREMENTS FOR MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19.

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

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

26. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES.

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

28. PLASTIC END CAPS SHALL BE USED ON ALL DEAD-END 6-INCH TYPE B UNDERDRAIN AND SHALL BE CONSIDERED INCIDENTAL.

29. A 3 FT. X 3 FT. SQUARE RIPRAP PAD SHALL BE CONSTRUCTED AT UNDERDRAIN OUTLETS.

30. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.

31. 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.

32. 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.

33. 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.

34. ACRYLIC LATEX COLOR FINISH GREEN (ITEM 658.20) SHALL BE PLACED ON ALL PAVED ISLANDS.

35. 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 ITEM 627.78.

36. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING MAILBOXES TO ENSURE THAT THE MAIL WILL BE DELIVERABLE. PAYMENT FOR THIS WORK WILL BE MADE UNDER THE APPROPRIATE RENTAL ITEMS.

37. 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.

38. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.

39. ESTIMATED QUANTITIES FOR REQUIRED STRUCTURAL EARTH EXCAVATION, DRAINAGE AND MINOR STRUCTURES ARE INFORMATIONAL ONLY AND REPRESENT THE APPROXIMATE MINIMUM QUANTITY REQUIRED TO INSTALL DRAINAGE STRUCTURES. ADDITIONAL EXCAVATION FOR THE CONTRACTOR'S CONVENIENCE OR TO COMPLY WITH BACKSLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.

40. NO SEPARATE PAYMENT FOR SUPERINTENDENT OR FOREMAN WILL BE MADE FOR THE SUPERVISION OF EQUIPMENT AND LAYOUT OF WORK BEING PAID FOR UNDER THE EQUIPMENT RENTAL ITEMS.

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

42. FINAL STRIPING FOR THE PROJECT SHALL BE DONE BY THE CONTRACTOR PER THE STRIPING LAYOUT IN THE CONTRACT DOCUMENTS OR AS PROVIDED BY THE DEPARTMENT. PAYMENT SHALL BE MADE UNDER APPROPRIATE CONTRACT ITEMS.

43. THE CONTRACTOR WILL PLACE APPROPRIATELY MARKED STAKES AT THE FOLLOWING LOCATIONS ON THE PROJECT: STRIPING PATTERN CHANGES, CROSS-SLOPE CHANGES, AND EVERY 500' FOR STATIONING. THE CONTRACTOR WILL PAINT EVERY FULL STATION (100') ON THE EXISTING ROADWAY AND WILL TRANSFER THE PAINTED STATIONING THROUGH ALL INTERMEDIATE LIFTS (NOT SURFACE). APPROPRIATELY SIZED STRIPING PATTERN CHANGES WILL BE PAINTED ON SURFACE. STATIONING CONTROL MUST BE PLACED BEFORE WORK CAN COMMENCE. CROSS-SLOPE AND STRIPING CHANGE CONTROLS MUST BE PLACED BEFORE PAVING CAN COMMENCE.

44. DEMOUNTING OF WOOD AND U-CHANNEL POSTS UNDER ITEM 645.106 WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE DEMOUNTING OF THE SIGNS THEY SUPPORTED. POSTS THAT ARE DAMAGED BY THE CONTRACTOR AND THAT ARE DESIGNATED TO BE REINSTALLED SHALL BE REPLACED BY THE CONTRACTOR WITH NEW POSTS CONFORMING TO THE APPLICABLE SPECIFICATIONS AT NO ADDITIONAL COST TO THE STATE.

45. REINSTALLING WOOD AND U-CHANNEL POSTS FOR ITEM 645.116 WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE REINSTALLING OF THE SIGNS THEY SUPPORT. FURNISHING AND INSTALLING NEW WOOD AND U-CHANNEL POSTS FOR ITEM 645.116 WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE REINSTALLING OF THE SIGNS THEY SUPPORT. EARTH EXCAVATION AND BACKFILLING, FURNISHING AND PLACING ASSEMBLY HARDWARE, BACKFILLING MATERIAL, LOAM, SEED, AND OTHER INCIDENTALS NECESSARY FOR THE INSTALLATION OF THE POSTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE SIGNS THEY SUPPORT.

46. A MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) ENVIRONMENTAL OFFICE INVESTIGATION SPECIFIC TO THIS PROJECT ENCOUNTERED DATA SUGGESTING PETROLEUM RELATED CONTAMINATION MAY BE PRESENT WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL EMPLOY APPROPRIATE HEALTH AND SAFETY MEASURES TO PROTECT ITS WORKERS AGAINST HAZARDS ASSOCIATED WITH WORKING NEAR PETROLEUM-IMPACTED SOILS. FURTHERMORE, THE CONTRACTOR SHALL REMAIN ALERT FOR ANY ADDITIONAL EVIDENCE OF CONTAMINATION. IF THE CONTRACTOR ENCOUNTERS EVIDENCE OF SOIL OR GROUNDWATER CONTAMINATION, THE CONTRACTOR SHALL SECURE THE EXCAVATION, STOP WORK IN THE CONTAMINATED AREA, AND IMMEDIATELY NOTIFY THE RESIDENT. THE RESIDENT SHALL CONTACT THE HYDROGEOLOGIST IN MAINEDOT'S ENVIRONMENTAL OFFICE AT 207-624-3100 AND THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION AT 800-482-0777. WORK MAY ONLY CONTINUE WITH AUTHORIZATION FROM THE RESIDENT.

47. THE PROJECT GEOTECHNICAL REPORT TITLED: GEOTECHNICAL INVESTIGATION AND DATA REPORT ROUTE 111 PASSING LANE, SOILS REPORT 2016-12C, APRIL 2016 CAN BE ACCESSED AT THE MAINEDOT WEBSITE.

48. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THIS PLAN SET IS FOR THE USE OF THE BIDDERS AND THE CONTRACTOR. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF ACTUAL SUBSURFACE CONDITONS AT THE CONSTRUCTION SITE. MAINEDOT SHALL NOT BE RESPONSIBLE FOR THE BIDDER'S OR CONTRACTOR'S INTERPRETATIONS OF OR CONCLUSIONS DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS CONTAINED IN THE PLAN SET PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	MSM	2/18	
CHECKED-REVIEWED	ALG	9/18	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111\OLD ALFRED RD\NEW RD

GENERAL NOTES

SHEET NUMBER
6
OF 50

Filename: ...\006_General Notes.dgn Division: HIGHWAY Username: morin Date:11/13/2018

Filename: ...\007_HDPlan1.dgn Division: HIGHWAY Username: morin Date:11/13/2018

PREVIOUS OWNER:
RICHARD A. PLAMONDON
GABRIELLE A. PLAMONDON
TAX MAP/LOT - 4/37
DEED: BOOK/PAGE - 4213/118
POR NO. - 2

LOT 37 ALFRED ROAD, LLC

GRID MAINE 2000 WEST ZONE

P.L.

REINSTALL ROADWAY SIGNS

(DEMOUNT FROM - REINSTALL TO LOCATIONS)

STATION	TO STATION	OFFSET	TYPE	NO.
1689+32.49, LT	1689+32.49	37' LT	SPEED LIMIT	1

CLEARING (INCIDENTAL TO CONTRACT)

STATION TO STATION	SIDE	AREA
RTE. 111		
1686+75 TO 1689+22	LT	4.586 SF

SINGLE WOOD POST

LOCATION
STA. 1689+52. 31' LT

DANNY R. DONE
SUSAN J. DONE

MOBILE
W/UG DROP
WOOD SHED
LEACH FIELD
UG SEPTIC TANK
TWIN 10"-12"MAPLE
APPROX FORCE MAIN
PUMP STATION
20"MAPLE
TIMBER REMAINS
96"DIA CONIFERS(2)
4"MAPLE
18"CMP SILTED
STACKED STONE REMAINS
STOP
CMP 178 W/LT
APRON
CMPJ1/203/610NETT
18"CMP SILTED
CMP 176.01 W/LT
4"DIA EMPTY
STOCKADE
TWIN 12"MAPLE
CMP176/611FP
SEBAGO TECH
PRELIM WOOD SHED
40"/72"TALL
SLOPE
EASEMENT LIMITS
SLOPE EASEMENT LIMITS
SLOPE
EASEMENT
LIMITS
CMP175/612FP
REMOVE
15"CPP
REMOVE
8"APPLE
9"APPLE
GRVL DRV
3.5"IP
1"IP
20/13NETT
4"DROP-(3)
15"CMP
26'
PAVED APRON
40MPH
IE. OCT. III
CMP176S
24 RCP C.S. III
18"CMP (RUSTED)
75'
SSWL
BEGIN TWCLTL
SSYL & SBYL
DSYL
SSWL
1683+00
1684+00
1685+00
1679.539'
S85°23'16.5"E
1686+00
1687+00
1688+00
1689+00
12'
8'
200.0
25.0
5'
4'
15'
INTX ICON
3/4"DH
STA. 1686+40 TO STA. 1686+80
SUBGRADE TRANSITION AREA
STA. 1686+30
END PROJECT STP-1910(700)X
BEGIN PROJECT STP-1900(200)X
DRAINAGE
LIMITS
EASEMENT
36X24"
48X24"
GRAN 14"
MIXED VEG
NO U-TURN
36X18"
36"CON
48X18"
PAVED ENT
CURLEW BROS
20X24"
18X24"
#687
30X36"
4"MAPLE
4"MAPLE
36"CON
36X12"
36X12"
24X24"
36X24"
CIR=1350
CMP174.1/VZ630
CURLEW BROS
GRAN 15"
4"MAPLE TRIPLE
NO PARKING
TO 95
LOC
36"DECID
24X24"
36X24"
36"
36"
36X18"
12X24"
36"
36"
36"
36"
CONIFERS
36"
36"
36"CONC
1/2"IP 24"UP LEANING
COVER BURIED
PROPANE TANK
CIR=1205 2"UP
1.5 STY STEEL
CONC SLAB FDN
TRL PROPERTIES, LLC

CONSTRUCT ENTRANCE

LOCATION	TYPE	REMARKS
1687+33 LT	GRAVEL	3' APRON
1687+50 RT	PAVED	COMMERCIAL, MILL & OVERLAY
1689+70 LT	GRAVEL	RESIDENTIAL, 3' APRON

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

	DATE	BY
E. MARTIN	2/18	MSM
PROJ. MANAGER	9/18	
DESIGN-DETAILED		MSM
CHECKED-REVIEWED		ALG
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ARUNDEL
RTE. 111/OLD ALFRED RD./NEW RD.

PLANS

SHEET NUMBER

7

OF 50

CLEARING (INCIDENTAL TO CONTRACT)			
STATION TO STATION	SIDE	AREA	
NEW RD.			
11+00 TO 11+56	LT	865	SF
RTE. III			
1686+75 TO 1689+22	LT	4,586	SF

REMOVE CHAIN LINK FENCE (62.5 LF)
STA. 1691+15.30, 50.62' LT. TO STA. 1691+74.25, 50.0' LT.
(NOTE: REMOVE APPROXIMATELY 3.5' OF EXISTING FENCING ALONG PROPERTY LINE TO ESTABLISH NEW FENCE CORNER).

RESET CHAIN LINK FENCE (60 LF)
STA. 1691+15.36, 54.0' LT. TO STA. 1691+75.36, 54.0' LT.

INSTALL CHAIN LINK FENCE (30 LF)
STA. 1691+75.36, 54.0' LT TO STA. 1691+97.26, 74.5' LT.

STA. 1691+97.7, 74.9' LT. TO STA. 1692+20.1, 63.9' LT.
REMOVE AND RESET EXISTING GATES.
PAYMENT WILL BE MADE UNDER ITEM 607.23.
SEE SPECIAL PROVISION 607.

STA. 1692+22.1, 63.6' LT. TO STA. 1692+55.2, 60.7' LT.
INSTALL NEW 16 FOOT METAL GATES (32' TOTAL SPAN).
PAYMENT WILL BE MADE UNDER ITEM 607.15.
SEE SPECIAL PROVISION 607

GREEN MOUNTAIN TRANSPLANTS, INC.

WALTER A. GARCIA

REMOVE CHAIN LINK FENCE (APPROX. 208 LF)
STA. 1692+51.42, 49.10' LT. TO STA. 1694+53.23, 51.10' LT.

RESET CHAIN LINK FENCE (200 LF)
STA. 1692+56.15, 60.05' LT. TO STA. 1692+60.48, 51.00' LT. (10 LF)
STA. 1692+60.48, 51.00' LT. TO STA. 1694+53.23, 51.10' LT. (190 LF)
(NOTE: TIE INTO EXISTING FENCE)

SINGLE WOOD POST
LOCATION
STA. 11+75, 18.5' LT
STA 12+25, 24' LT
STA. 22+00, 16' LT
STA. 1689+52, 31' LT
STA. 1690+75, 31' LT
STA. 1692+75, 31' LT

DANNY R. DONEGAN
SUSAN J. DONEGAN

DANIEL J. ST. OURS

BERNARD P. VALLIERE

ROBERT A. MASKELL

THE GAGNE FAMILY TRUST
ROLAND P. GAGNE, TRUSTEE

HRE ARUNDEL LLC

THERESE

ETTA R. RAMSAY

COUILLARD
COUILLIARD

REMOVE EXISTING PAVEMENT. GRADE TO ELEVATIONS SHOWN IN LANDSCAPE PLAN OR AS DIRECTED BY THE RESIDENT. LOAM AND SEED.

PAINT EXISTING ISLAND WITH ACRYLIC LATEX COLOR FINISH, GREEN

POSSIBLE LEACH FIELD

STA. 1690+35 TO STA. 1691+55, 40' RT.
INSTALL 12 TREES AT 10' NOMINAL SPACING.
OMIT PLANTING TREE AT PIPE OUTLET.
PAY ITEM 621.031, EVERGREEN TREE (4'-5') GROUP A

STA. 11+61 LT. REMOVE 8' SECTION OF EXISTING FENCE

STA. 10+95.00 LT.
LIMIT OF WORK

STA. 11+25.00
LIMIT OF WORK

STA. 23+50.00
LIMIT OF WORK

EXCAVATE PAVEMENT
REGRADE TO DRAIN
PAVE WITH 3" HMA

REMOVE BUILDING NO. 1

STA. 13+18 TO STA. 13+78
CONSTRUCT 2' WIDE FLUSH CONCRETE MEDIAN W/ 1' RADIUS BULLNOSE (SEE TYPICAL SECTIONS)

CURVE DATA
PI = 12+84.07
D = 11°27'33.0"
Δ = 21°12'33.5" Lt.
R = 500.00'
L = 185.09'
T = 93.61'
E = 8.69'

CURVE DATA #1
PI = 22+28.10
D = 19°05'54.9"
Δ = 33°22'29.6" Rt.
R = 300.00'
L = 174.75'
T = 89.93'
E = 13.19'

CURVE DATA #2
PI = 24+37.13
D = 0°34'22.6"
Δ = 1°25'24.0" Rt.
R = 10000.00'
L = 248.42'
T = 124.22'
E = 0.77'

REINSTALL ROADWAY SIGNS				
(DEMOUNT FROM - REINSTALL TO LOCATIONS)				P.L. NO.
STATION	TO STATION	OFFSET	TYPE	
1689+32.49, LT	1689+32.49	37' LT	SPEED LIMIT	1
1691+15.22, LT	1691+25.00	36.4' LT	RTE. III W	1
1691+43.68, RT	1691+43.68	28' RT	NO PARKING	1
1692+89.52, LT	1693+00.00	36' LT	NO PARKING	1
1693+24.23, RT	20+58.00	35.0' LT	STOP	1
1694+42.32, LT	1694+42.32	36.0' LT	NO PARKING	1
1694+52.93, LT	1694+52.93	38.0' LT	OBDS	3
1695+33.6, LT	1695+33.6	36.0' LT	NO PARKING	1
22+88.27, RT	22+88.27	23.0' RT	WEIGHT LIMIT	1
12+72.42, LT	13+00.00	29.1' LT	CRIME WATCH	1
13+35.32, LT	13+25.00	35.3' LT	SPEED	1
13+55.69, RT	13+76.00	62.0' RT	STOP	1

REMOVE SINGLE TREES AND STUMPS				
STATION	OFFSET	SIDE	DESCRIPTION	STUMP
11+38.75	23.74'	RT	20" PINE	20"
11+46.20	24.95'	RT	12" PINE	12"
11+60.56	21.94'	RT	30" PINE	30"
11+64.10	23.38'	RT	20" PINE	20"
11+74.96	24.29'	RT	18" MAPLE	18"
12+24.90	26.07'	RT	12" MAPLE	12"
12+39.91	32.67'	RT	20" SPRUCE	20"

CONSTRUCT ENTRANCE		
LOCATION	TYPE	REMARKS
1689+70 LT	GRAVEL	RESIDENTIAL, 3' APRON
1690+55 LT	PAVED	COMMERCIAL
1692+32.55 LT	PAVED	COMMERCIAL
1694+16 RT	PAVED	COMMERCIAL, MILL & OVERLAY
1695+29 RT	PAVED	COMMERCIAL, MILL & OVERLAY
1695+65 LT	PAVED	RESIDENTIAL
11+62 RT	PAVED	RESIDENTIAL
12+00 LT	PAVED	COMMERCIAL
21+98 RT	PAVED	COMMERCIAL
22+81 LT	PAVED	COMMERCIAL
12+59.2 LT	PAVED	COMMERCIAL, SKEWED BACK

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

ARUNDEL
RTE. 111/OLD ALFRED RD./NEW RD.

PLANS

SHEET NUMBER
8
OF 50

PROJ. MANAGER	E. MARTIN	DATE
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/3/2018

DATE

Date: 11/13/2018
Usename: morin
Division: HIGHWAY
Filename: ...\008_HDPlan2.dgn

Date:11/13/2018
Username: morin
Division: HIGHWAY
Filename: ...\009_HDPlan3.dgn

CONSTRUCT ENTRANCE

LOCATION	TYPE	REMARKS
1695+29 RT	PAVED	COMMERCIAL, MILL & OVERLAY
1695+65 LT	PAVED	RESIDENTIAL
1696+46 RT	PAVED	RESIDENTIAL, MILL & OVERLAY
1697+21 RT	PAVED	RESIDENTIAL
1696+98.2 LT	PAVED	RESIDENTIAL, SKEWED AHEAD
1698+25.6 LT	PAVED	RESIDENTIAL, SKEWED BACK
1698+20 RT	GRAVEL	RESIDENTIAL, 3' APRON
1698+93 LT	PAVED	RESIDENTIAL
1699+44 RT	GRAVEL	RESIDENTIAL, 3' APRON

REINSTALL ROADWAY SIGNS

(DEMOUNT FROM - REINSTALL TO LOCATIONS)

STATION	TO STATION	OFFSET	TYPE	NO.
1695+33.6, LT	1695+33.6	36.0' LT	NO PARKING	1
1696+91.31, LT	1696+91.31	36.0' LT	NO PARKING	1
1698+42.21, LT	1698+42.21	32.2' LT	INTERSECTION	2
22+88.27, RT	22+88.27	23.0' RT	WEIGHT LIMIT	1
12+72.42, LT	13+00.00	29.1' LT	CRIME WATCH	1
13+35.32, LT	13+25.00	35.3' LT	SPEED	1
13+55.69, RT	13+76.00	62.0' RT	STOP	1

CLEARING (INCIDENTAL TO CONTRACT)

STATION TO STATION	SIDE	AREA
RTE. 111		
1696+42 TO 1696+80	LT	473 SF
1698+10 TO 1698+37	LT	332 SF

SINGLE WOOD POST

LOCATION
STA. 1697+92, 28' LT

CURVE DATA #2
PI = 696+83.78
D = 1°36'00.0"
Δ = 14°05'00.0" Lt.
R = 3581.00'
L = 880.21'
T = 442.34'
E = 27.22'

GRID MAINE 2000 WEST ZONE

STA. 1697+00.00 LT.
BEGIN AUXILIARY LANE TAPER

STA. 1697+00 TO STA. 1699+70 LT.
TRANSITION FROM 24' TO 12' TRAVELWAY WIDTH WESTBOUND

STA. 1699+20 TO STA. 1699+70 LT.
TRANSITION DEPTH OF A.S.C.G. FROM 25.5" TO 0"

STA. 1699+20.00
END PROJECT STP-1900(200)X

STA. 1699+70.00
END AUXILIARY LANE TAPER.
LIMIT OF WORK.
MATCH EXISTING SECTION.

PT = STA. 1701+21.65

STA. 1695+50 TO STA. 1695+60 RT.
REMOVE APPROXIMATELY 10' OF EXISTING PAVED ISLAND.
STA. 1695+60 TO STA. 1696+10 RT.
CONSTRUCT 5' PAVED ISLAND AND ELIMINATE EXISTING ENTRANCE.

WALTER A. GARCIA
DANIEL E. NASON
GAIL L. BROCHER
DUANE LANGEVIN
JAMES W. BOOTH
ANDRE R. DESCHAMBAULT
THERESE L. DESCHAMBAULT
RE ARUNDEL LLC
MATTHEW J. HIGGINS
KENNETH W. DESROSIERS
NORMAND J. VOISINE
PATRICIA L. VOISINE

POSSIBLE LEACH FIELD
SLOPE EASEMENT LIMITS
TEMP. CONST. LIMITS
TEMPORARY CONSTRUCTION LIMITS
REMOVE
NO PARKING
SSWL
DSYL
RAISED ISLAND
PAVED ENT
TEMPORARY CONSTRUCTION LIMITS
TANK FILL(STEEL COVER) MONITORING WELL
EDGE SNOW BANK
1 STORY WD CON FND *655
1 STY WD CON FND *645
1 STY WD CONC FND SHED
SHED
STOP ICON
RT.111 TITCOMB ASSOC/T.MCHUGH
ROUTE III
END SSWL
INTX ICON
PAVED DRV
GRVL DRV
GRAVEL DRV
WOOD GATE
ORN.SHRUBS/TREES
PAVED APRON
40MPH
N80°31'43.53"E
1695+00
1696+00
1697+00
1698+00
1699+00
1700+00
1701+00
1702+00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
AC-STP-1900(200)X
WIN 19002.00
HIGHWAY PLANS

SIGNATURE 4226
P.E. NUMBER
11/13/2018
DATE

	DATE	BY
PROJ. MANAGER		E. MARTIN
DESIGN-DETAILED	2/18	MSM
CHECKED-REVIEWED	9/18	MSM
DESIGN2-DETAILED2		ALC
DESIGN3-DETAILED3		
REVISIONS 1		
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REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ARUNDEL
RTE. 111/OLD ALFRED RD./NEW RD.

PLANS

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Filename: ...\010_LandscapePlan.dgn Division: HIGHWAY Username: morin Date:11/13/2018

1692+00 1693+00 1694+00 14+00 13+00 20+00 21+00 22+00

6"IP NO PARKING 4" TO 24" CEDARS

4"IP PAVED ENT

60"LILAC(2)

IPF

36"LILAC 12"ROSE(2) 60"HOLLY 36"LILAC 84"DECID

4" 4" 4" 4" 4"CEDARS MULTITRUNK(6) 60"RODO

48"DECID(2) 36"DECID

1 STY WD CONC FND

WELL DRILLED

12"CONC BL 24"CONIFER 12"ROSE 36"CONC 12"CONIFE 12"ROSE 2 STY W 12"CONIFE

24"OAK TRIPLE

CONC BLK SHED

24"OAK 15"CONIFERS(5) 18"(2),36" STUMPS

RAISED BED

6 STEPS #665

STOP STOP STOP

178 177 176 175 174 173 172 170

J1/59/1

PAVED YARD PAVED YARD

GRVL ENT

2 STY CONC BLK SLAB FND

LAWN

5/8"IR

60"LILAC

60"LINNETT 5"DROP

35MPH

CRIME WATCH #232

20" SPRUCE 12"MAPLE QUAD WELL WELL 36"

SCALE 1" = 10'

STATE OF MAINE
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AC-STP-1900(200)X

WIN 19002.00 HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	
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DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
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REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

DATE	BY
2/18	MSM
9/18	

SIGNATURE 4226

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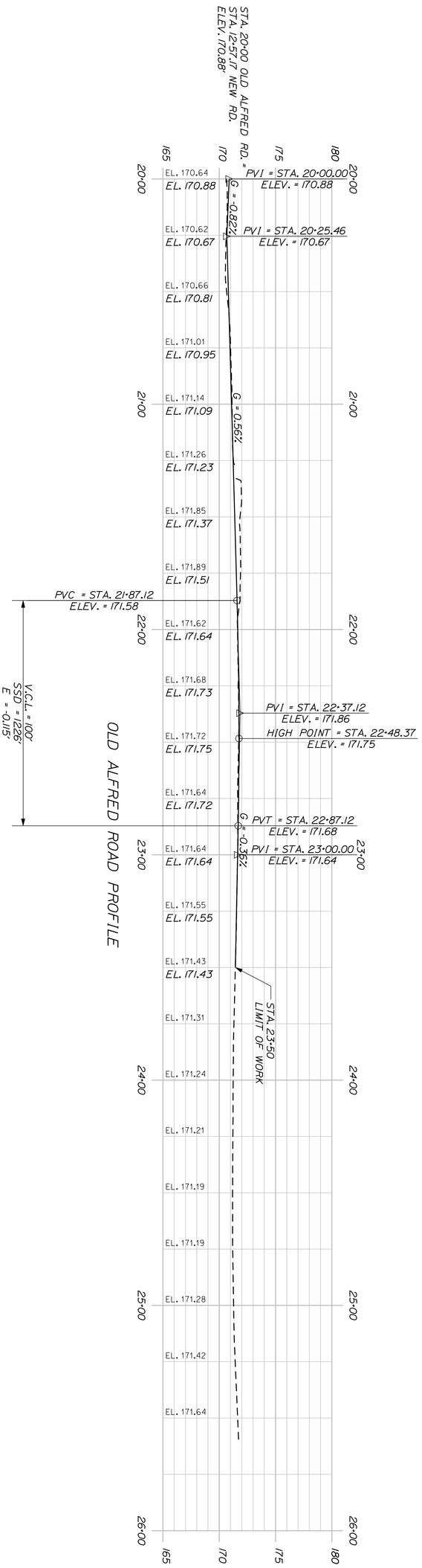
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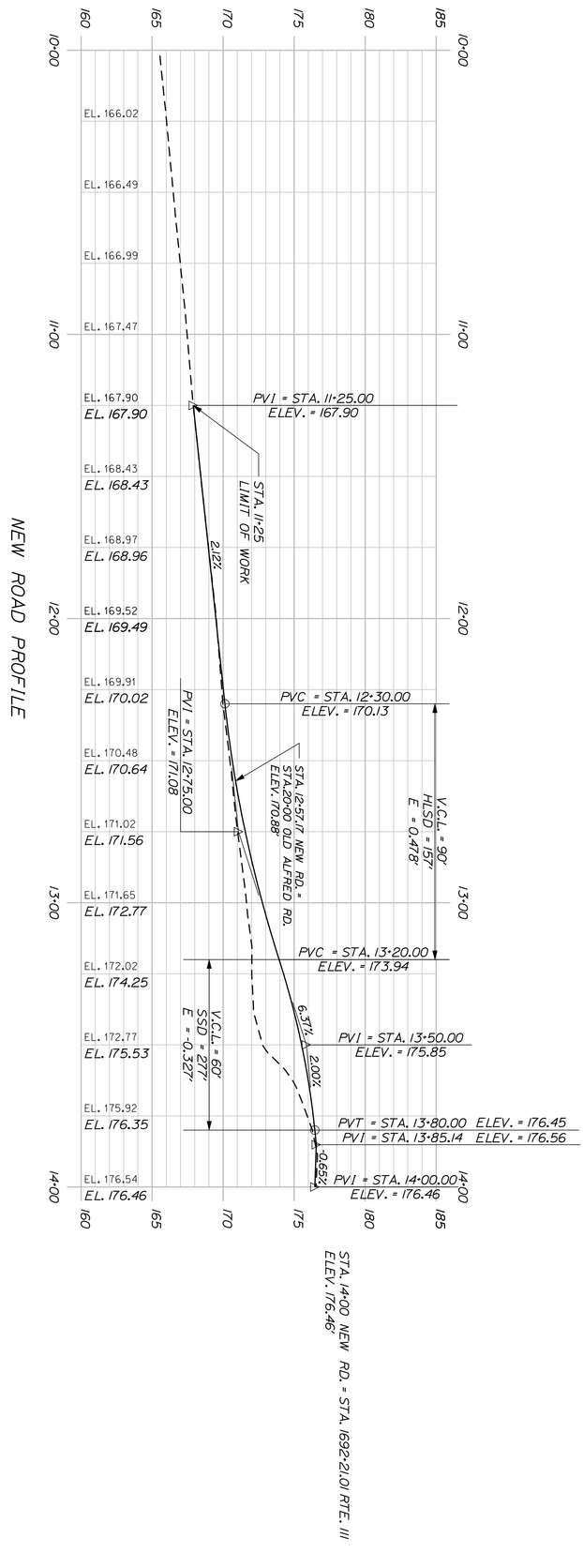
ARUNDEL
RTE. 111/OLD ALFRED RD./NEW RD.

PLANS

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ARUNDEL
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PROFILES

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REVISIONS 3			
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FIELD CHANGES			

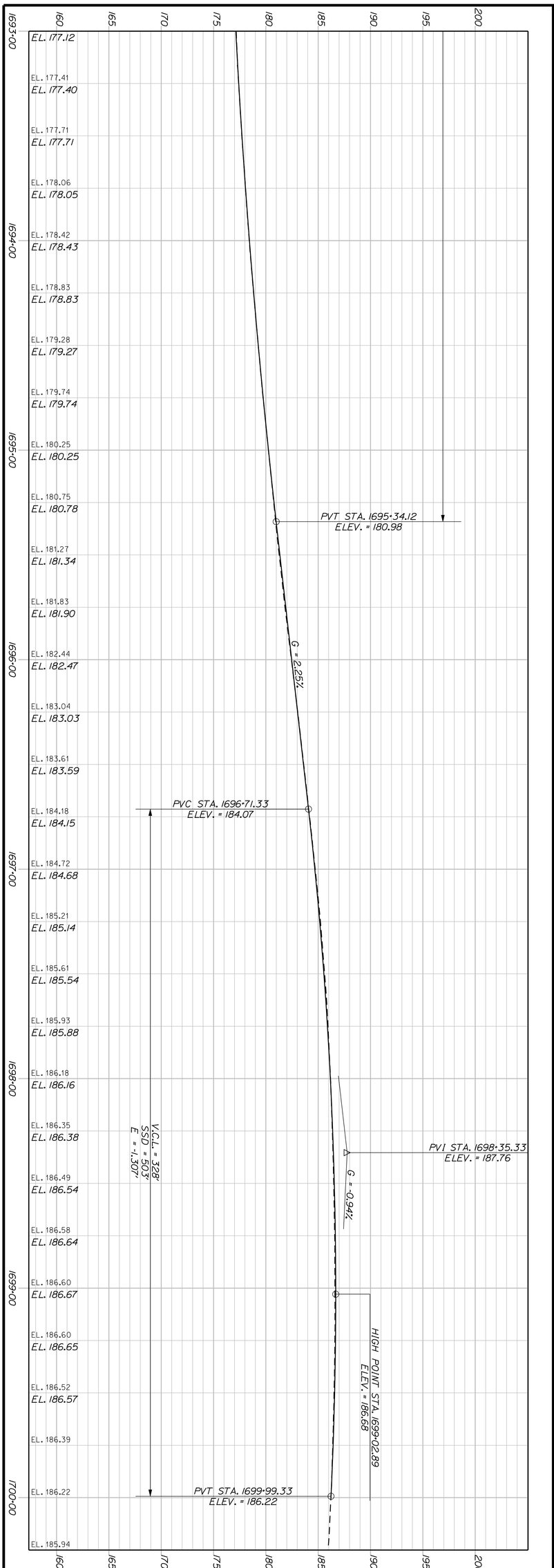
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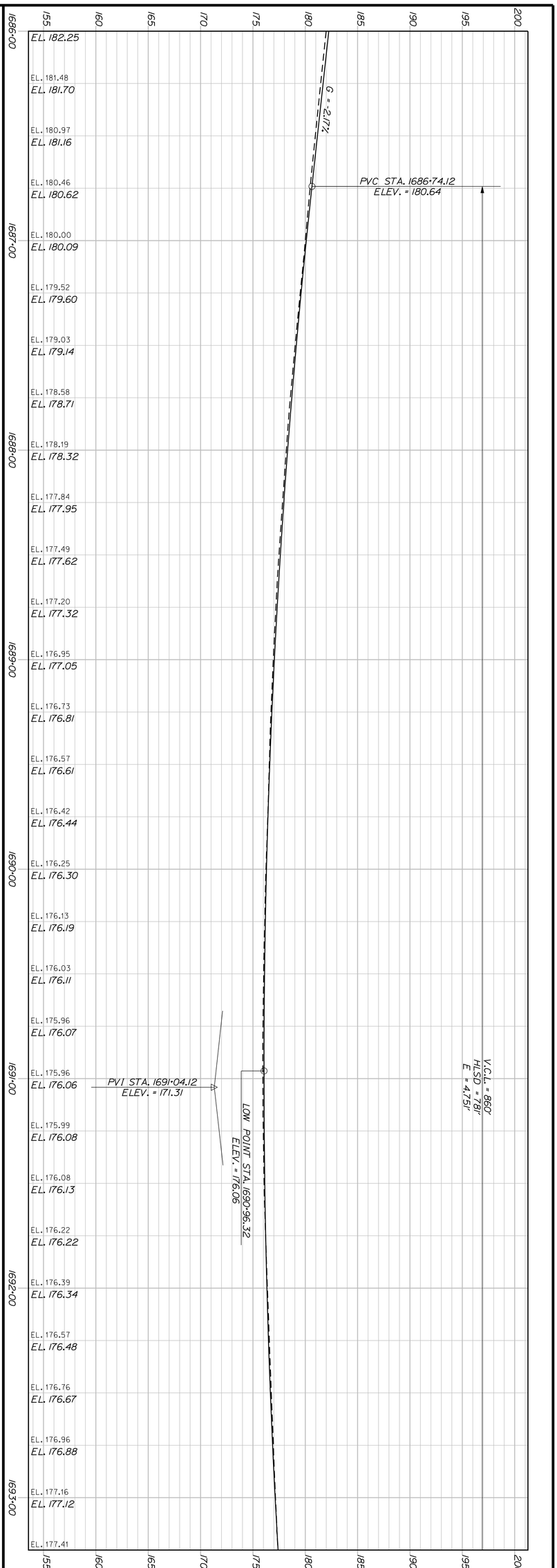
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS





SHEET NUMBER 12 OF 50	ARUNDEL ROUTE 111 PROFILE	PROJ. MANAGER	E. MARTIN	BY	DATE
		DESIGN-DETAILED	MSM	MSM	2/18
		CHECKED-REVIEWED	ALG		9/18
		DESIGN2-DETAILED2			
		DESIGN3-DETAILED3			
		REVISIONS 1			
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HIGHWAY PLANS

CONTROL POINTS FOR AGWAY ENTRANCE				
Point	Station	Offset	NORTHING	EASTING
1	1691+09.31	29.0' LT	233572.9146	943579.9420
2	1691+09.31	179.0' LT	233722.4289	943592.0034
3	1691+78.46	45.9' LT	233584.1882	943650.2231
4	1691+55.41	90.3' LT	233630.2684	943630.8165
5	1692+01.77	71.5' LT	233607.8830	943675.5255
6	1690+62.7	127.7' LT	233675.0393	943541.3986
7	1692+11.23	106.9' LT	233642.3883	943687.8019
8	1692+12.45	36.0' LT	233571.6341	943683.3163
9	1692+11.80	42.0' LT	233577.6316	943683.1426
10	1692+20.56	63.7' LT	233598.5803	943693.6249

EVENT POINTS ON ALIGNMENT				
Alignment	Point	Station	NORTHING	EASTING
MG02	100	0+25.01	233325.5209	943603.3793
	101	0+29.01	233328.6656	943605.8513
	102	2+52.34	233358.7809	943803.4236
	103	2+56.34	233357.6862	943807.2708
	104	2+98.49	233342.8949	943846.6905
	105	3+02.49	233341.1913	943850.3095
	106	3+26.98	233329.6653	943871.9196
MG03	300	0+04.00	233375.2748	943842.1767
MG04	200	1+43.69	233352.9990	943801.8346

CONTROL POINTS FOR BITUMINOUS ISLANDS			
Point	Station	Offset	Radius
ST. OURS ENTRANCE			
CC1	12+15.98	21.72' LT	2.0'
1	12+16.05	19.72' LT	
2	12+33.04	20.00' LT	
CC2	12+32.82	22.00' LT	2.0'
3	12+33.81	23.77' LT	
4	12+17.69	31.58' LT	
CC3	12+16.72	29.80' LT	2.0'
5	12+14.61	29.97' LT	
6	12+13.89	21.89' LT	
AGWAY ENTRANCE			
CC1	1691+95.29	32.00' LT	3.0'
1	1691+95.29	29.00' LT	
2	1692+06.38	29.00' LT	
CC2	1692+06.38	34.00' LT	5.0'
3	1692+11.38	34.00' LT	
4	1692+11.37	44.87' LT	
CC3	1692+08.37	44.87' LT	3.0'
5	1692+06.07	46.79' LT	
6	1691+93.40	34.34' LT	

CONTROL POINTS FOR MG02				
Point	Station	Offset	NORTHING	EASTING
10	11+50.00	12.93' RT	233305.9695	943587.7766
11	11+73.16	13.71 RT	233324.0792	943602.2327
100	11+75.00	13.77' RT	233325.5209	943603.3793
101	11+79.00	13.87' RT	233328.6656	943605.8513
CC12	13+75.54	500.00' LT	233644.744	943200.5238
13	12+18.69	14.00' RT	233361.5378	943629.4646
CC14	12+18.69	59.00' RT	233336.7435	943667.0178
CC14	20+39.19	60.00' RT	233336.7435	943667.0178
15	20+39.19	15.00' RT	233381.1864	943674.0768
16	21+38.17	15.00' RT	233365.6599	943771.8299
CC17	21+38.17	300.00' RT	233084.1883	943727.1229
102	21+72.22	15.00' RT	233358.7809	943803.4236
103	21+76.22	15.00' RT	233357.6862	943807.2708
104	22+20.79	15.00' RT	233342.8949	943846.6905
105	22+25.00	15.00' RT	233341.1913	943850.3095
106	22+50.79	15.00' RT	233329.6653	943871.9196
18	22+55.00	15.00' RT	233327.6089	943875.3505

CONTROL POINTS FOR MG03				
Point	Station	Offset	NORTHING	EASTING
36	22+00.00	13.00' LT	233376.7212	943838.4474
CC37	23+12.92	300.00' RT	233084.1864	943727.1265
38	22+53.71	13.00' LT	233352.2199	943888.765
CC39	22+53.71	28.00' LT	233365.065	943896.5112
40	22+67.39	26.43' LT	233355.7441	943908.2637
41	22+67.69	30.41' LT	233358.8784	943910.7495
300	22+03.83	13.00' LT	233375.2748	943842.1767

CONTROL POINTS FOR MG04				
Point	Station	Offset	NORTHING	EASTING
20	20+26.41	23.15' RT	233375.1387	943660.1762
CC14	20+39.19	60.00' RT	233336.7435	943667.0178
21	20+39.19	21.00' RT	233375.2606	943673.1356
22	21+38.17	21.00' RT	233359.7341	943770.8894
CC23	23+12.92	300.00' RT	233084.1882	943727.1236
200	21+72.24	21.00' RT	233352.999	943801.8346
24	21+76.44	21.00' RT	233351.9253	943805.5956

CURB TYPE 1		
ALIGNMENT	POINT TO POINT	LENGTH
MG02	101 TO 13	40.48'
	15 TO 16	98.98'
	16 TO 102	32.35'
	105 TO 106	24.50'
MG03	300 TO 38	52.04'
MG04	21 TO 22	98.98'
	22 TO 200	31.69'

CURB TYPE 1 - CIRCULAR			
ALIGNMENT	POINT TO POINT	RADIUS	LENGTH
MG02	13 TO 15	45.0'	51.50'
MG03	38 TO 40	15.0'	21.64'
MG04	20 TO 21	39.0'	13.00'

CURB TYPE 3 (MOLD 2)				
STATION, OFFSET	TO	STATION, OFFSET	LENGTH	RAD.
ROUTE 111				
1689+25.00, 29.0' LT	TO	1689+56.93, 29.0' LT	31.9'	
1689+82.93, 29.0' LT	TO	1690+42.39, 29.0' LT	59.5'	
1690+68.39, 29.0' LT	TO	1691+10.00, 29.0' LT	41.6'	
1693+04.70, 20.0' RT	TO	1693+95.30, 20.0' RT	91.2'	
1695+59.49, 20.0' RT	TO	1696+10.22, 20.0' RT.	50.7'	
1695+59.41, 25.0' RT	TO	1696+10.23, 20.0' RT.	50.8'	
1697+39.75, 27.5' LT	TO	1697+92.64, 26.2' LT	52.9'	
1698+21.66, 25.1' LT	TO	1698+79.20, 22.3' LT	57.5'	
AGWAY ENTRANCE				
1692+12.89, 32.1' LT	TO	1692+21.76, 41.2' LT	13.81'	10'
1692+21.76, 41.2' LT	TO	1692+23.55, 63.5' LT	22.4'	
1692+23.55, 63.5' LT	TO	1692+17.17, 64.7' LT	8.7'	3'
1692+17.17, 64.7' LT	TO	1692+08.65, 37.3' LT	28.8'	
1692+08.65, 37.3' LT	TO	1692+12.89, 32.1' LT	8.0'	4'
ST. OURS ENTRANCE				
12+16.05, 19.7' LT	TO	12+33.04, 20.0' LT	16.1'	
12+33.04, 20.0' LT	TO	12+33.81, 23.8' LT	5.3'	2'
12+13.89, 21.9' LT	TO	12+14.61, 30.0' LT	8.1'	
12+14.61, 30.0' LT	TO	12+17.64, 31.6' LT	3.9'	2'
12+17.64, 31.6' LT	TO	12+33.81, 23.8' LT	17.1'	
12+13.89, 21.9' LT	TO	12+16.05, 19.7' LT	3.4'	2'

TERMINAL CURB TYPE 1- 4 FT		
ALIGNMENT	POINT TO POINT	QUANTITY
MG02	100 TO 101	1
	102 TO 103	1
	104 TO 105	1
	106 TO 18	1
MG03	36 TO 300	1
	40 TO 41	1
MG04	200 TO 24	1

CURVE DATA MG03			
(POINT NO.)		NORTHING	EASTING
PC (36)	0+00.00	233376.7212	943838.4474
PI	0+28.10	233366.7289	943864.7058
CC (37)		233084.1864	943727.1265
PRC (38)	0+56.04	233352.2199	943888.7650
Radius:	31.3		
Delta:	10° 15' 30" RT		
Degree of Curvature:	18° 18' 19"		
Length:	56.04		
Tangent:	28.1		
Chord:	55.97		
External:	1.26		
PI	0+69.24	233345.4058	943900.0644
CC (39)		233365.0650	943896.5112
PT (40)	0+77.68	233355.7441	943908.2637
Radius:	15		
Delta:	82° 40' 27" LT		
Degree of Curvature:	381° 58' 19"		
Length:	21.64		
Tangent:	13.2		
Chord:	19.81		
External:	4.98		
POE (41)	0+81.69	233358.8784	943910.7495

CURVE DATA MG02			
(POINT NO.)		NORTHING	EASTING
POB (10)	0+00.00	233305.9695	943587.7766
PC (11)	0+23.17	233324.0792	943602.2327
PI	0+46.35	233342.1945	943616.6933
CC (12)		233644.7440	943200.5238
Radius:	514.00'		
Delta:	5° 09' 51" LT		
Degree of Curvature:	11° 08' 49"		
Length:	46.30'		
Tangent:	23.20'		
Chord:	46.30'		
PRC (13)	0+69.50	233361.5378	943629.4646
PI	0+98.49	233385.7347	943645.4405
CC (14)		233336.7435	943667.0178
Radius:	45.00'		
Delta:	65° 35' 26" RT		
Degree of Curvature:	127° 19' 26"		
Length:	51.50'		
Tangent:	29.00'		
Chord:	48.70'		
External:	8.50'		
PT (15)	1+21.01	233381.1864	943674.0768
PC (16)	2+19.99	233365.6599	943771.8299
PI	2+76.20	233356.8427	943827.3424
CC (17)		233084.1883	943727.1229
PT (18)	3+30.98	233327.6089	943875.3505
Radius:	285.00'		
Delta:	22° 18' 49" RT		
Degree of Curvature:	20° 06' 14"		
Length:	111.00'		
Tangent:	56.20'		
Chord:	110.30'		
External:	5.50'		

CURVE DATA MG04			
(POINT NO.)		NORTHING	EASTING
PC (20)	0+00.00	233375.1387	943660.1762
PI	0+06.57	233376.2915	943666.6456
CC (14)		233336.7435	943667.0178
PT (21)	0+13.02	233375.2606	943673.1356
Radius:	39.00'		
Delta:	19° 07' 43" RT		
Degree of Curvature:	146° 54' 44"		
Length:	13.00'		
Tangent:	6.60'		
Chord:	13.00'		
External:	0.50'		
PC (22)	1+12.00	233359.7341	943770.8894
PI	1+29.82	233356.9382	943788.4919
CC (23)		233084.1882	943727.1236
PT (24)	1+47.60	233351.9253	943805.5956
Radius:	279.00'		
Delta:	7° 18' 38" RT		
Degree of Curvature:	20° 32' 10"		
Length:	35.60'		
Tangent:	17.80'		
Chord:	35.60'		
External:	0.60'		



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HIGHWAY PLANS

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FIELD CHANGES		

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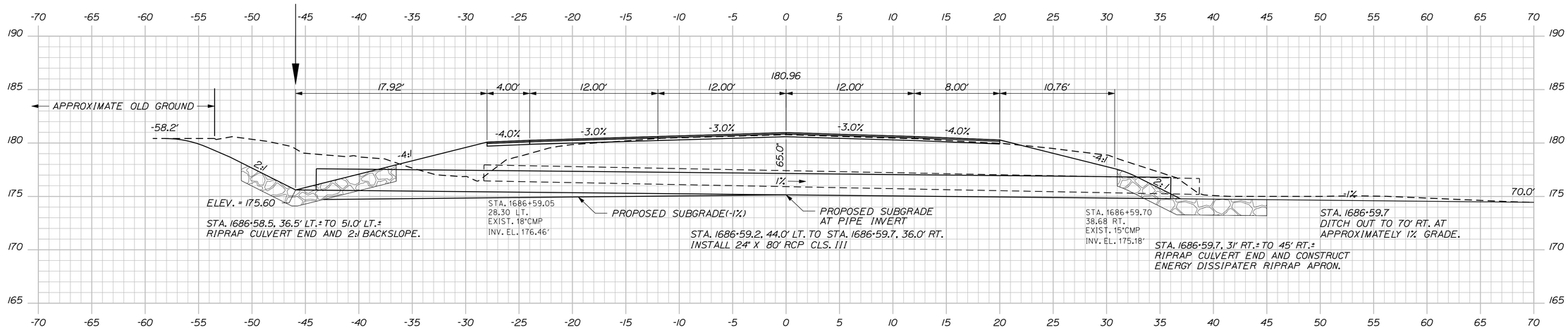
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ARUNDEL
RTE. 111/OLD ALFRED RD./NEW RD.

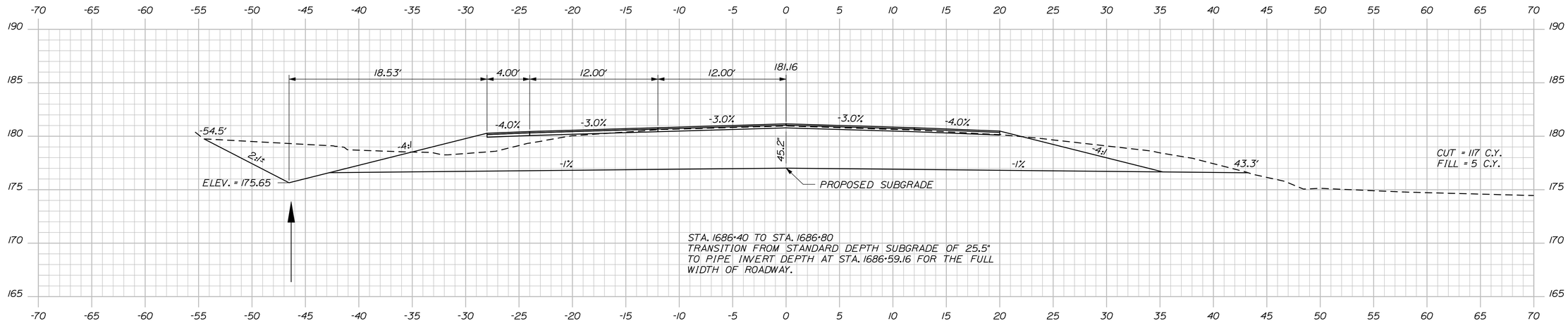
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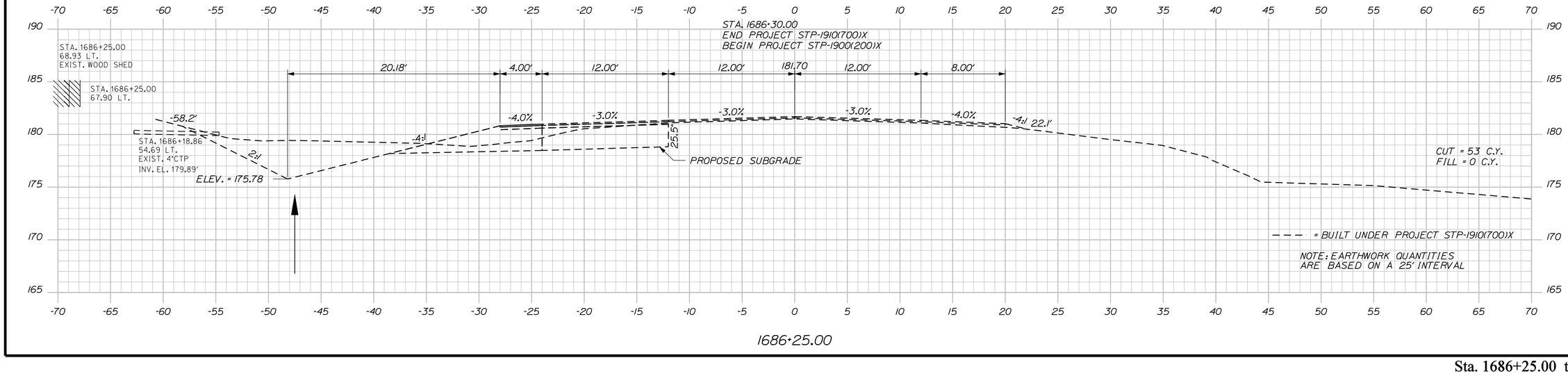
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1686+59.16



1686+50.00



1686+25.00

STATE OF MAINE
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AC-STP-1900(200)X

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HIGHWAY PLANS

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ARUNDEL
ROUTE 111

CROSS SECTIONS

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Sta. 1686+25.00 to Sta. 1686+59.16

Filename: ...\014_XSECT_1686+25_004.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
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AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

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ARUNDEL
ROUTE 111

CROSS SECTIONS

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Sta. 1686+75.00 to Sta. 1687+25.00

Filename: ...\015_XSECT_1686+75_005.dgn Division: HIGHWAY Username: morin Date:11/13/2018

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STATE OF MAINE
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AC-STP-1900(200)X

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HIGHWAY PLANS

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E. MARTIN		
PROJ. MANAGER	MSM	2/18
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ARUNDEL
ROUTE 111

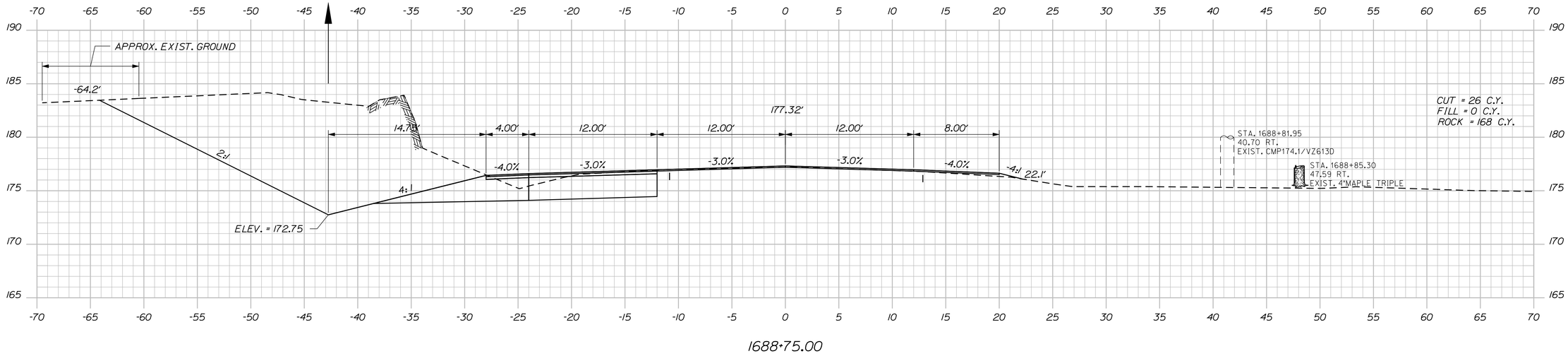
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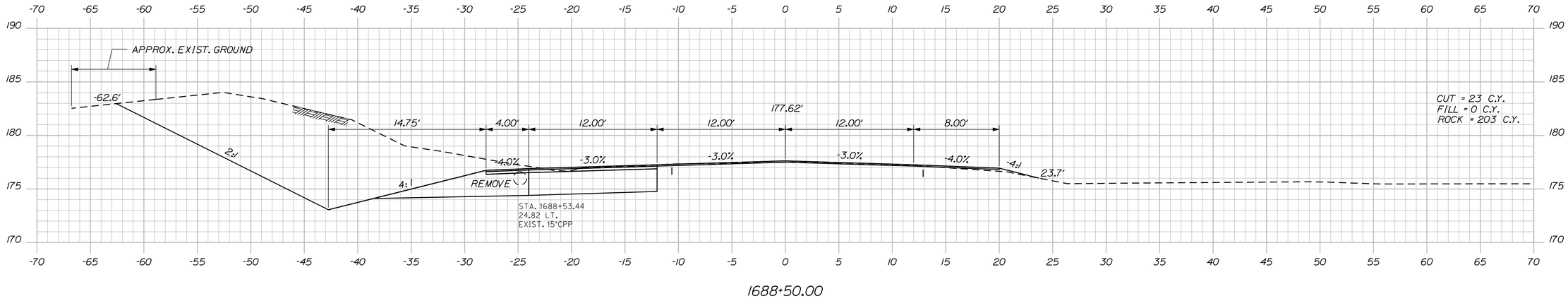
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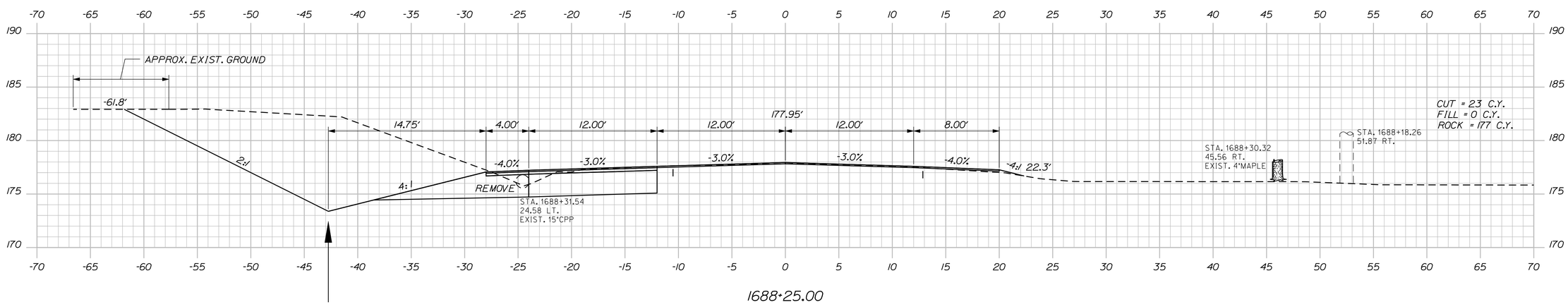
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Sta. 1687+50.00 to Sta. 1688+00.00







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DEPARTMENT OF TRANSPORTATION

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HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	
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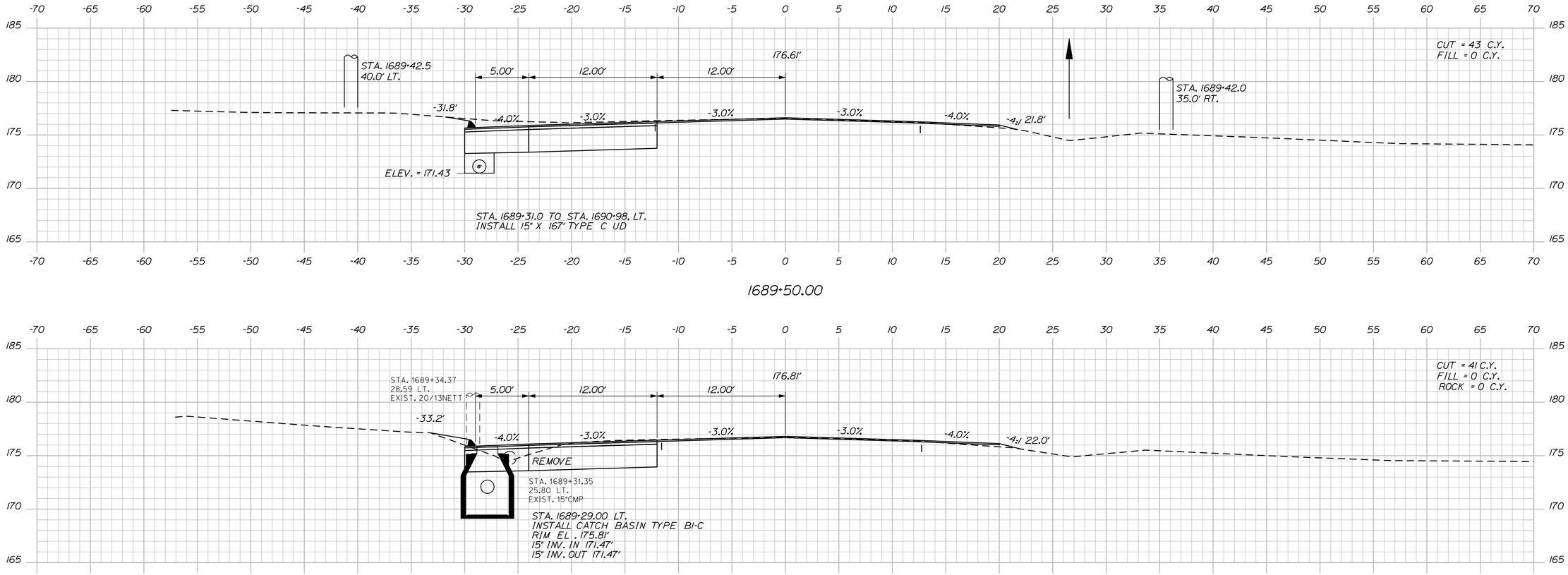
ARUNDEL
ROUTE 111

CROSS SECTIONS

SHEET NUMBER
17
OF 50

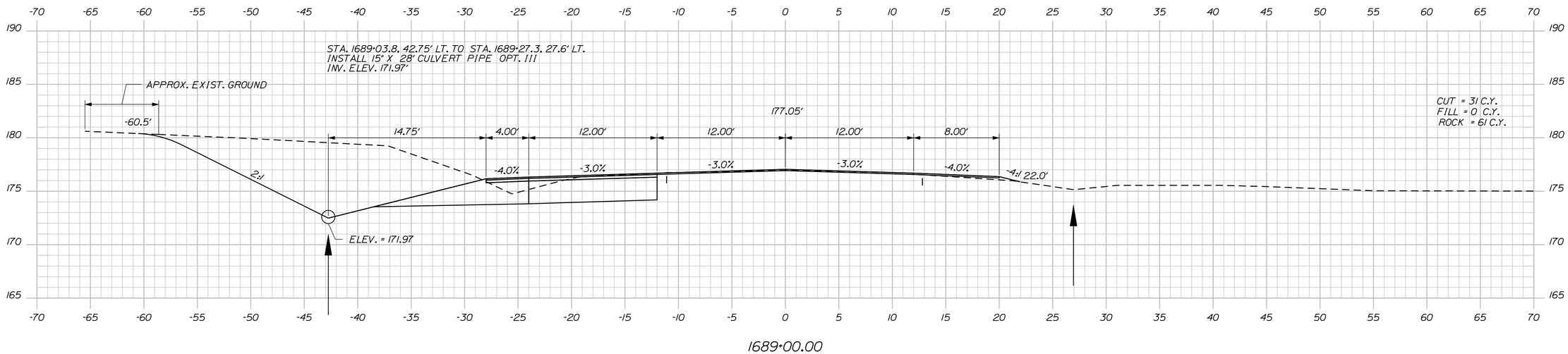
Sta. 1688+25.00 to Sta. 1688+75.00

Filename: ...\017_XSECT_1688+25_007.dgn Division: HIGHWAY Username: morin Date:11/13/2018



1689+50.00

1689+25.00



1689+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALC
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BY	DATE
MSM	2/18
	9/18

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

ARUNDEL
ROUTE 111

CROSS SECTIONS

SHEET NUMBER
18
OF 50

Filename: ...\018_XSECT_1689+00_008.dgn Division: HIGHWAY Username: morin Date:11/13/2018

Sta. 1689+00.00 to Sta. 1689+50.00

Filename: ...\019_XSECT_1689+69_009.dgn Division: HIGHWAY Username: common Date:11/14/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

SIGNATURE
4226

P.E. NUMBER
11/14/2018
DATE

PROJ. MANAGER	BY	DATE
E. MARTIN		
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALC	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ARUNDEL
ROUTE 111

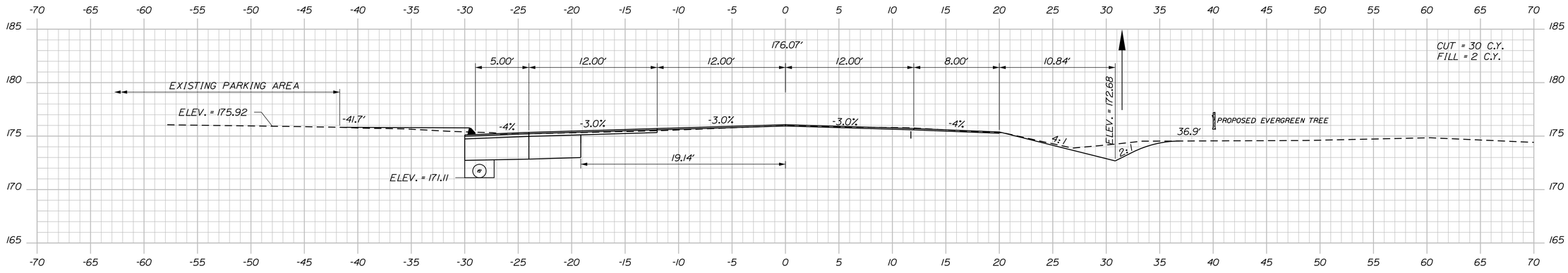
CROSS SECTIONS

SHEET NUMBER

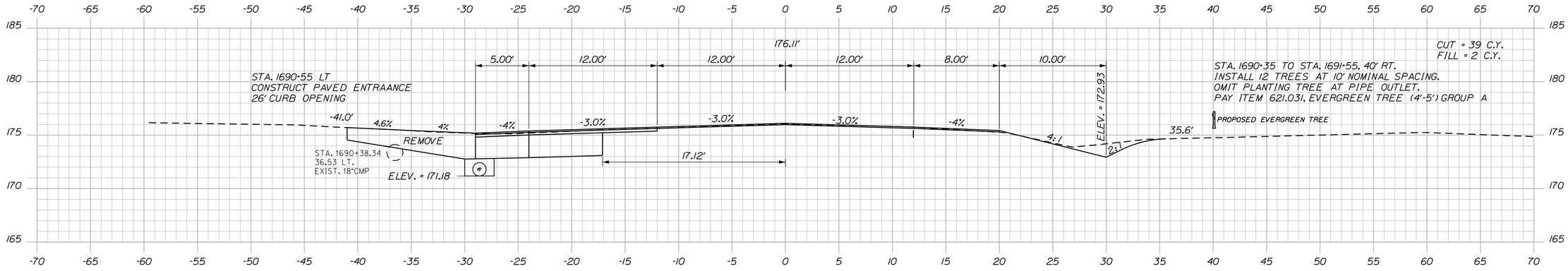
19

OF 50

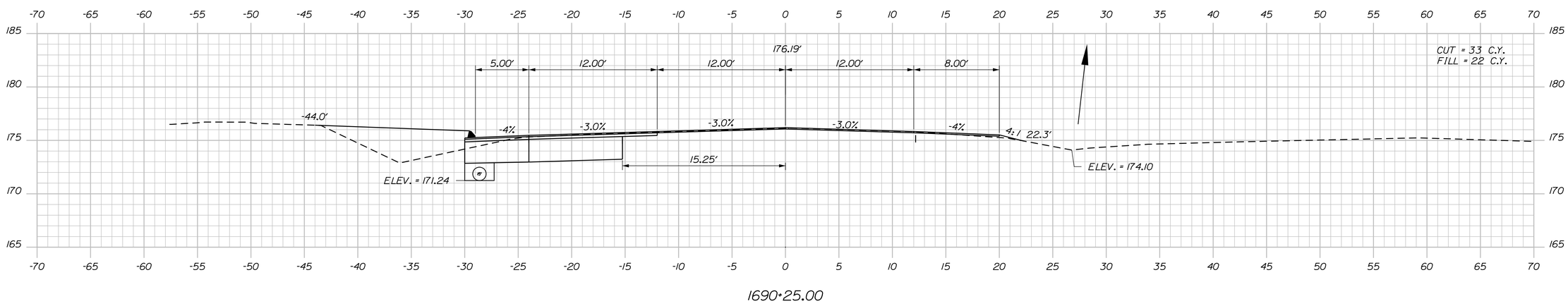
Sta. 1689+69.93 to Sta. 1690+00.00



1690+75.00



1690+50.00



1690+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALC
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BY	DATE
MSM	2/18
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SIGNATURE
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ARUNDEL
ROUTE 111

CROSS SECTIONS

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20
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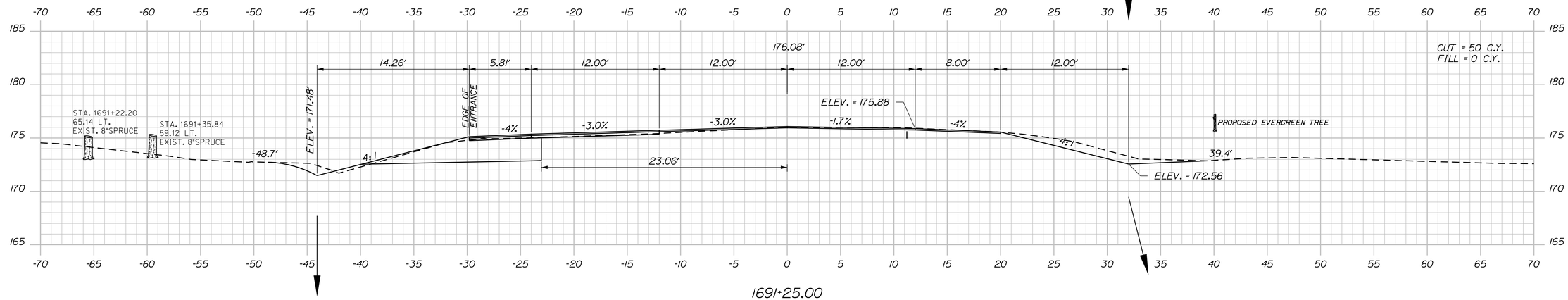
Sta. 1690+25.00 to Sta. 1690+75.00

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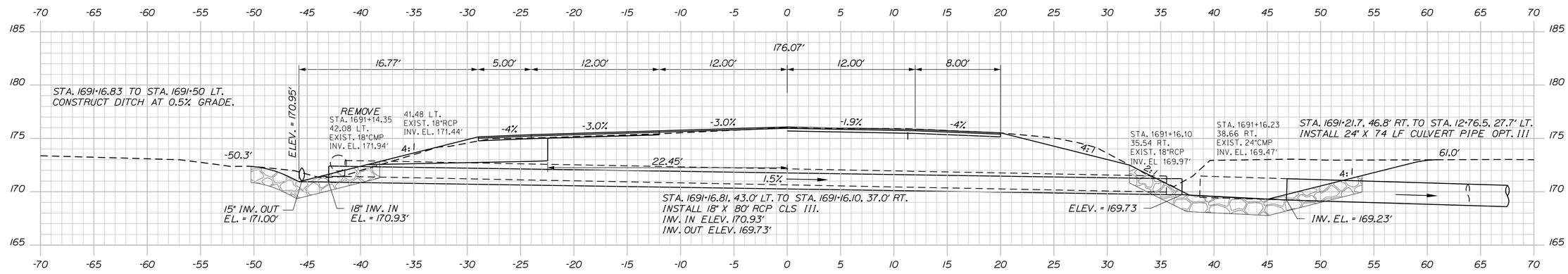
REMOVE CHAIN LINK FENCE (62.5 LF)
STA. 1691+15.30, 50.62' LT. TO STA. 1691+74.25, 50.0' LT.
(NOTE: REMOVE APPROXIMATELY 3.5' OF EXISTING FENCING ALONG PROPERTY LINE TO ESTABLISH NEW FENCE CORNER).

RESET CHAIN LINK FENCE (60 LF)
STA. 1691+15.36, 54.0' LT. TO STA. 1691+75.36, 54.0' LT.

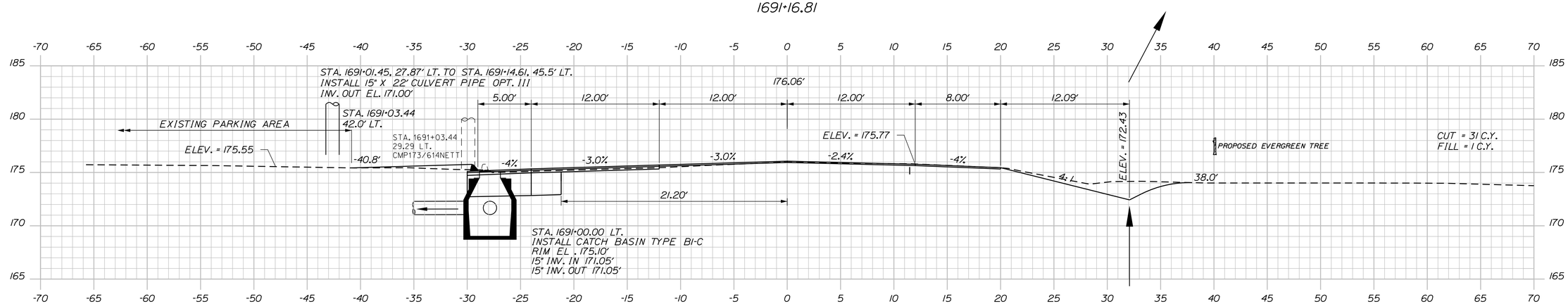
INSTALL CHAIN LINK FENCE (30 LF)
STA. 1691+75.36, 54.0' LT TO STA. 1691+97.26, 74.5' LT.



1691+25.00



1691+16.81



1691+00.00

Sta. 1691+00.00 to Sta. 1691+25.00

STATE OF MAINE
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AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALC	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
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11/14/2018

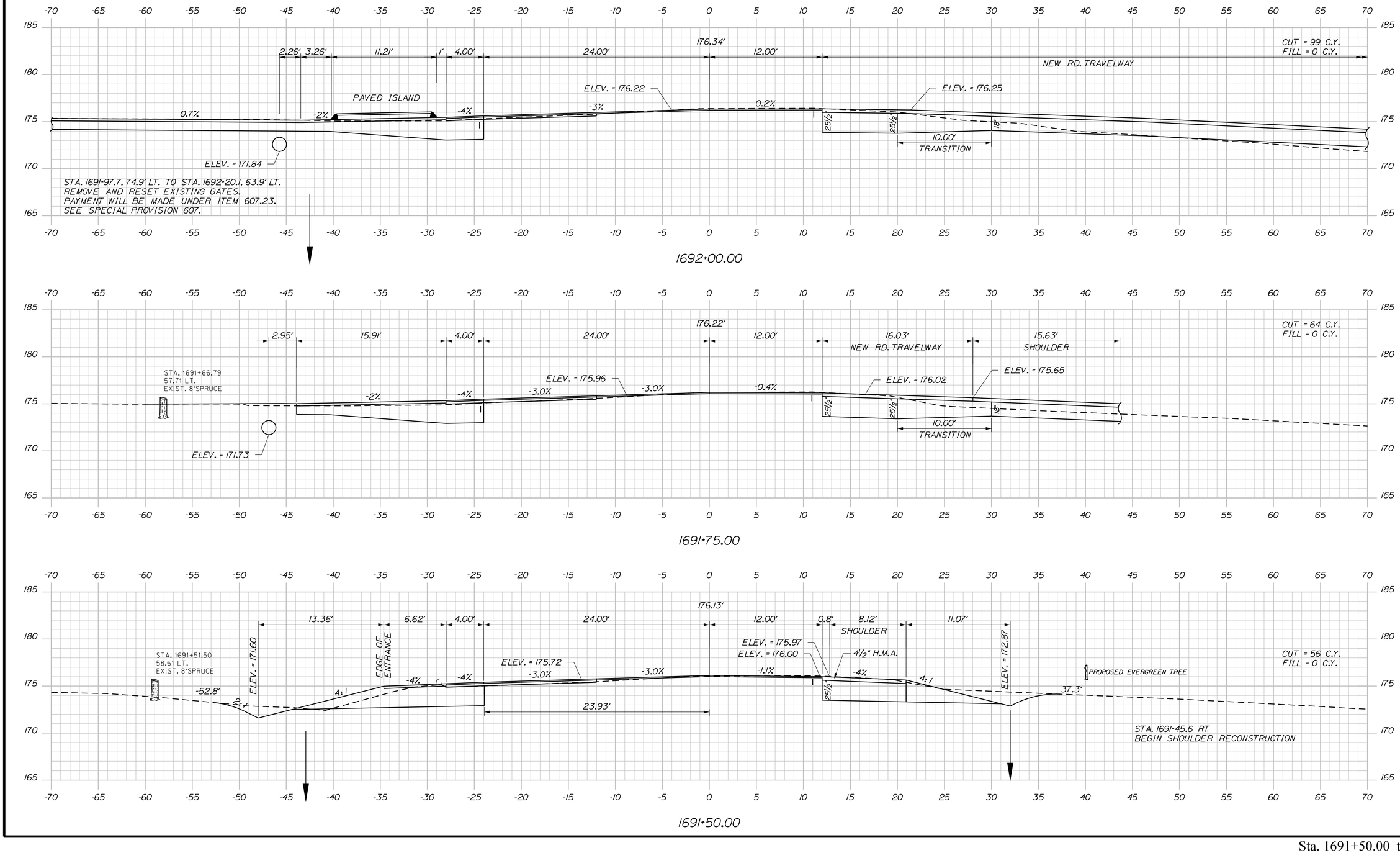
DATE

ARUNDEL
ROUTE 111

CROSS SECTIONS

SHEET NUMBER
21
OF 50

Filename: ...\021_XSECT_1691+00_011.dgn Username: common Division: HIGHWAY Date:11/14/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2/18
CHECKED-REVIEWED	MSM		9/18
DESIGN2-DETAILED2	ALC		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/14/2018

DATE

ARUNDEL
ROUTE 111

CROSS SECTIONS

SHEET NUMBER

22

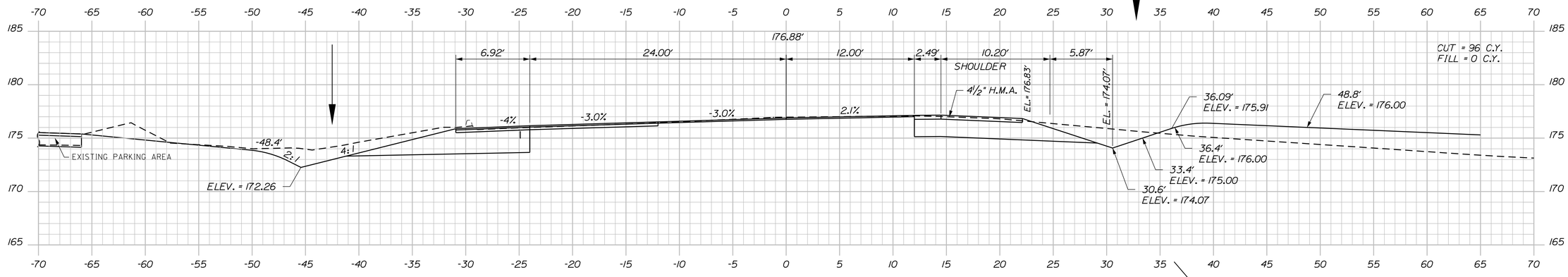
OF 50

Sta. 1691+50.00 to Sta. 1692+00.00

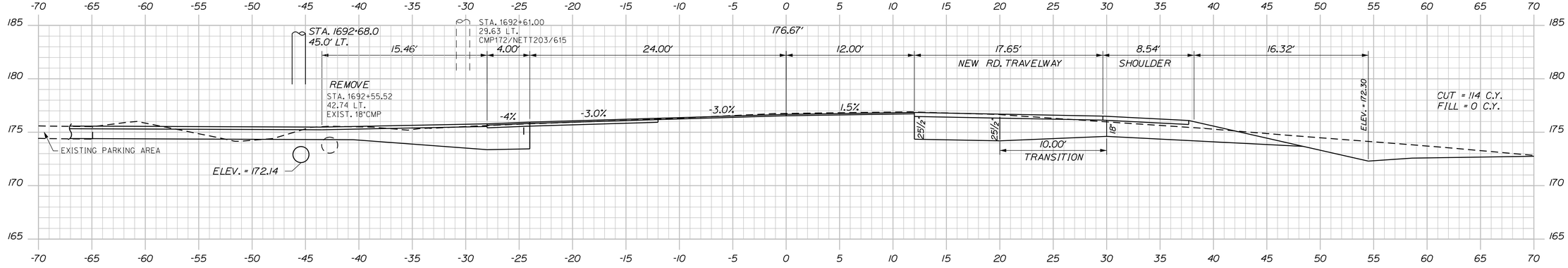
Filename: ...\022_XSECT_1691+50_027.dgn Division: HIGHWAY Username: common Date:11/14/2018

REMOVE CHAIN LINK FENCE (APPROX. 208 LF)
STA. 1692+51.42, 49.10' LT. TO STA. 1694+53.23, 51.10' LT.

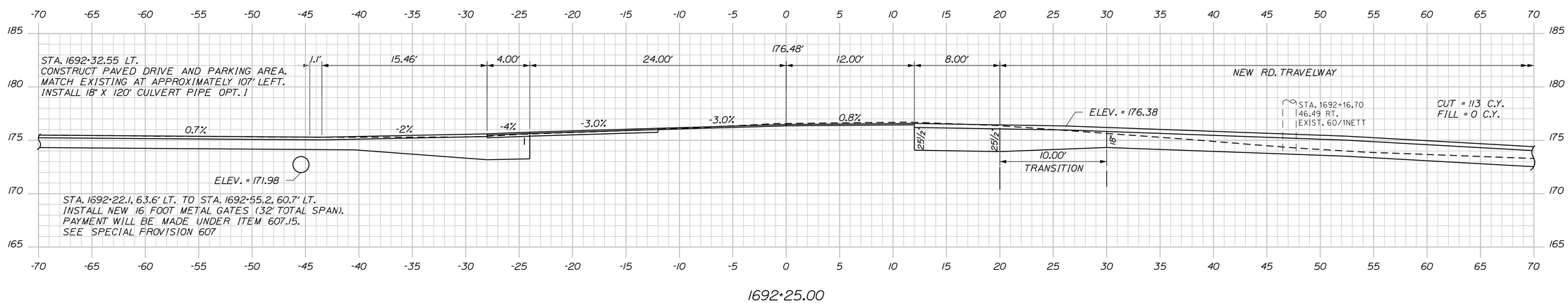
RESET CHAIN LINK FENCE (200 LF)
STA. 1692+56.15, 60.05' LT. TO STA. 1692+60.48, 51.00' LT. (10 LF)
STA. 1692+60.48, 51.00' LT. TO STA. 1694+53.23, 51.10' LT. (190 LF)
(NOTE: TIE INTO EXISTING FENCE)



1692+75.00



1692+50.00



1692+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALC	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/14/2018

DATE

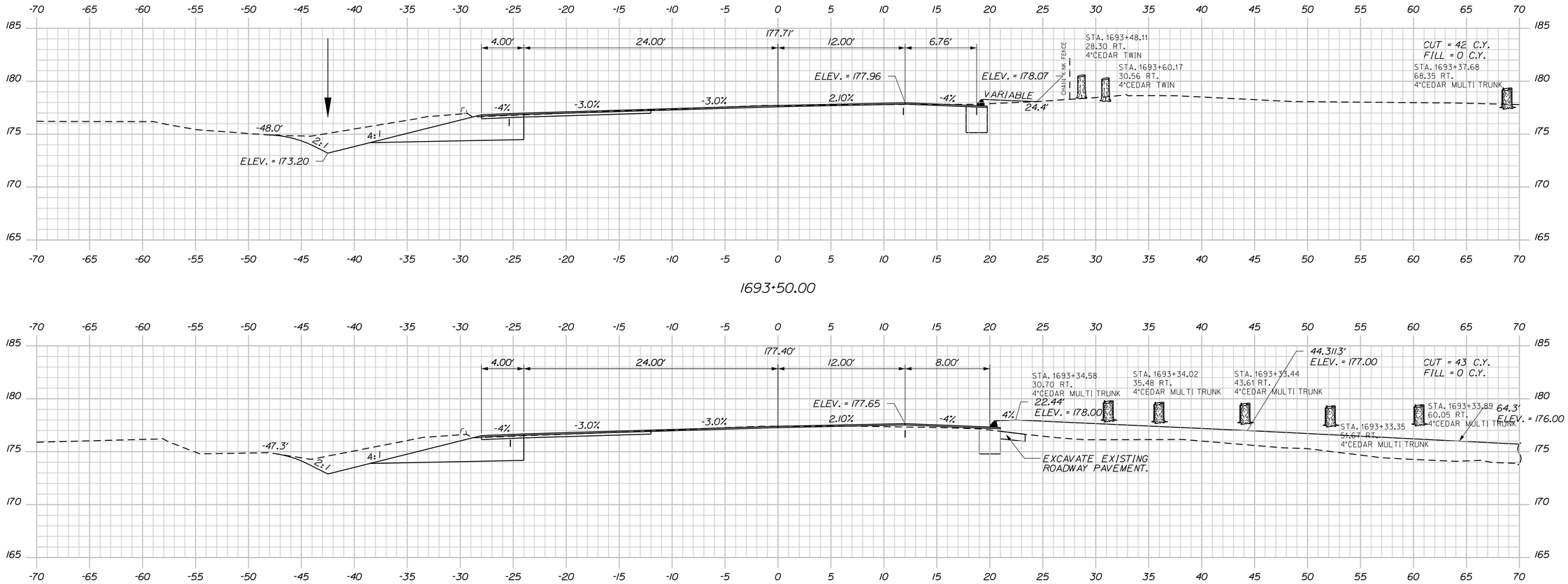
ARUNDEL
ROUTE 111

CROSS SECTIONS

SHEET NUMBER
23
OF 50

Sta. 1692+25.00 to Sta. 1692+75.00

Filename: ...\023_XSECT_1692-25_012.dgn Division: HIGHWAY Username: common Date:11/14/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	MSM		
CHECKED-REVIEWED	ALC		
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1	MSM	9/18	
REVISIONS 2		9/18	
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/14/2018
DATE

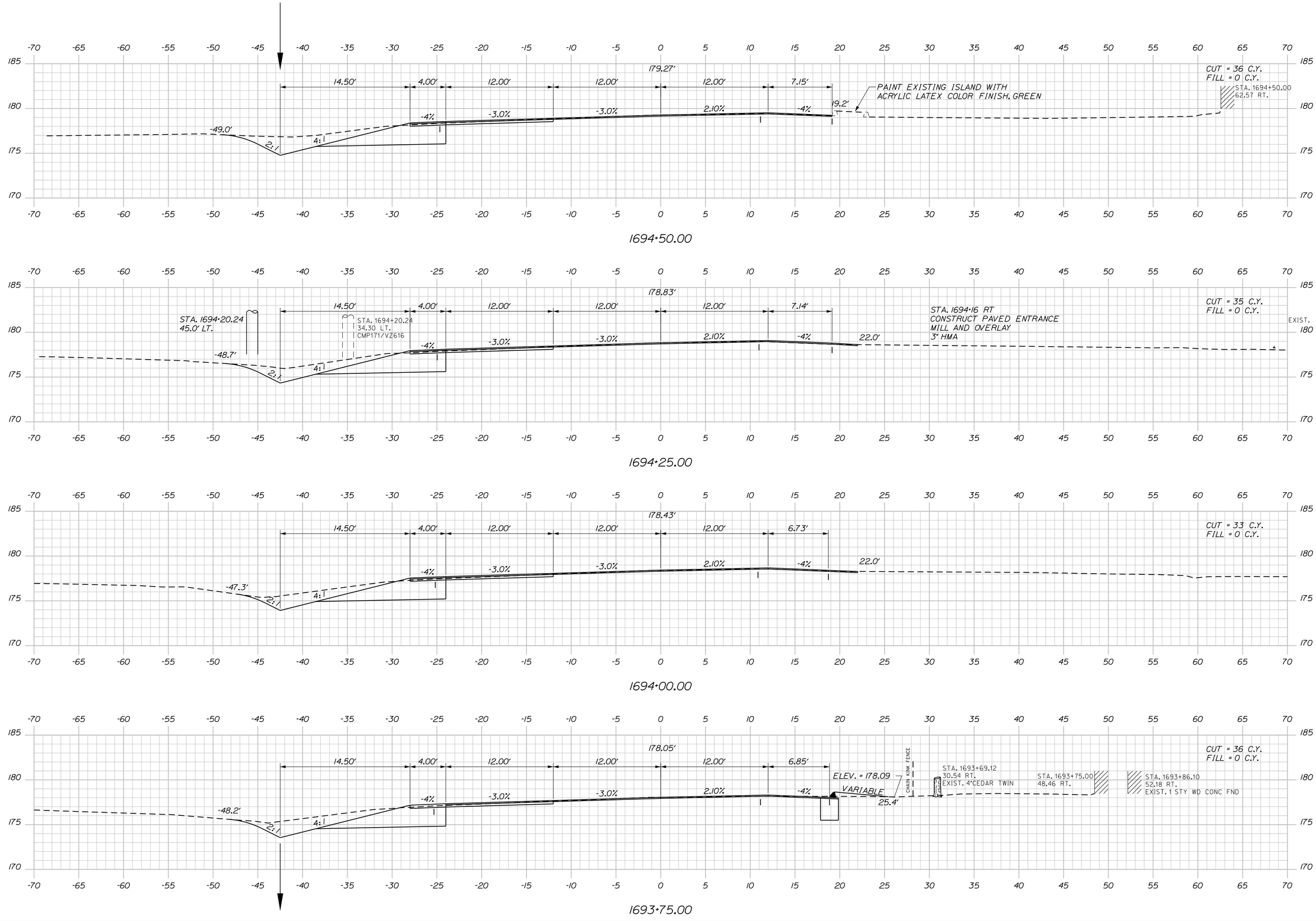
ARUNDEL
ROUTE 111

CROSS SECTIONS

SHEET NUMBER
24
OF 50

Sta. 1693+00.00 to Sta. 1693+50.00

Filename: ...\024_XSECT_1693+00_013.dgn Username: common Division: HIGHWAY Date:11/14/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2/18
CHECKED-REVIEWED	ALG		9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/14/2018
DATE

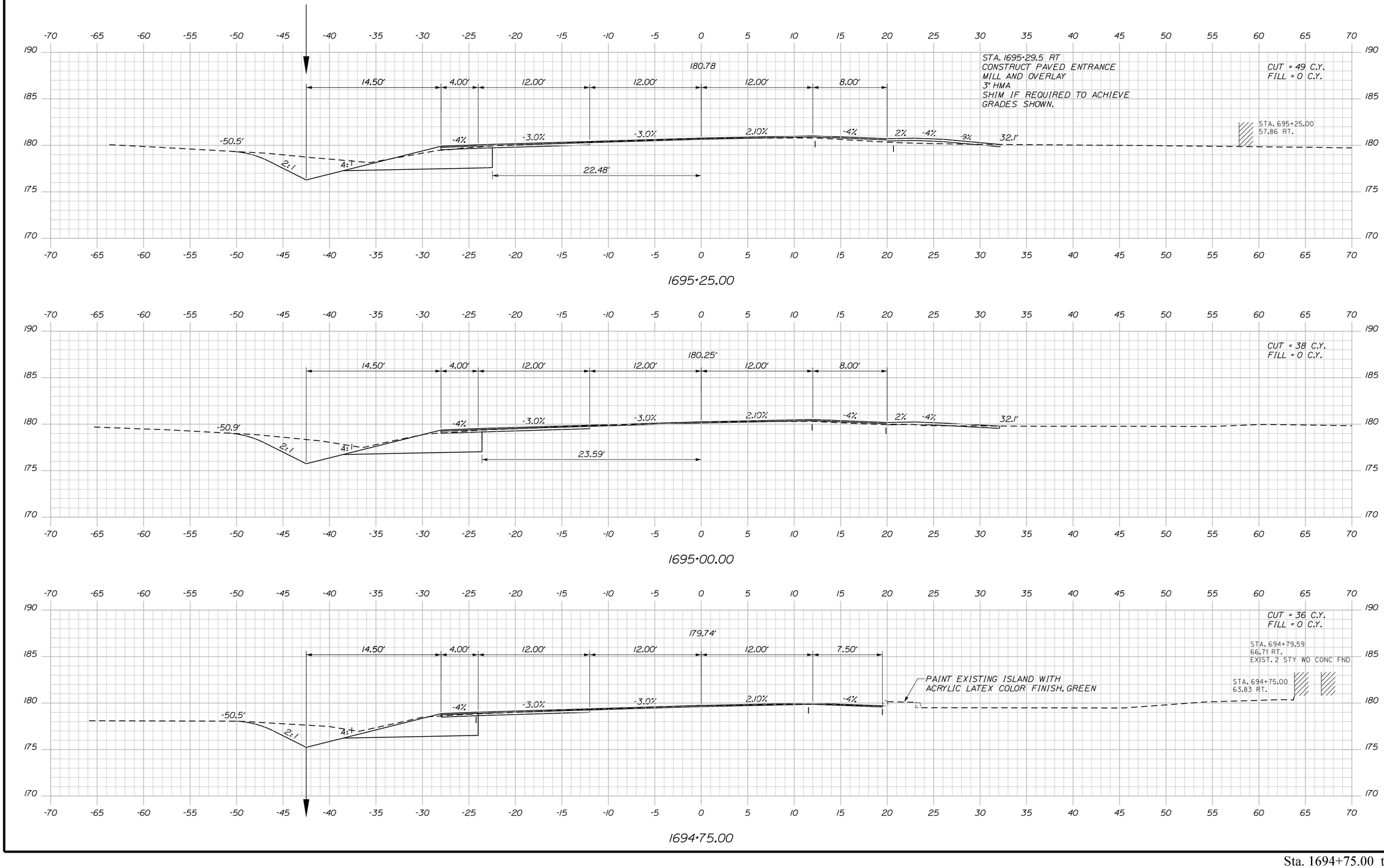
ARUNDEL
ROUTE 111

CROSS SECTIONS

SHEET NUMBER
25
OF 50

Sta. 1693+75.00 to Sta. 1694+50.00

Filename: ...\025_XSECT_1693+75_014.dgn Division: HIGHWAY Username: common Date:11/14/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	
CHECKED-REVIEWED	ALC	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

BY	DATE
MSM	2/18
	9/18

SIGNATURE
4226

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11/14/2018
DATE

ARUNDEL
ROUTE 111

CROSS SECTIONS

SHEET NUMBER
26
OF 50

Sta. 1694+75.00 to Sta. 1695+25.00

Filename: ...\026_XSECT_1694+75_015.dgn Division: HIGHWAY Username: common Date:11/14/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALC	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

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11/14/2018

DATE

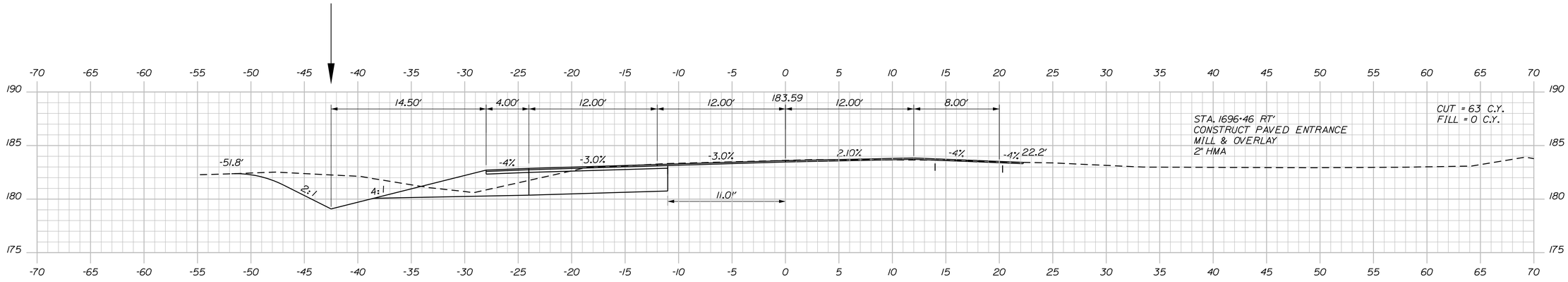
ARUNDEL
ROUTE 111

CROSS SECTIONS

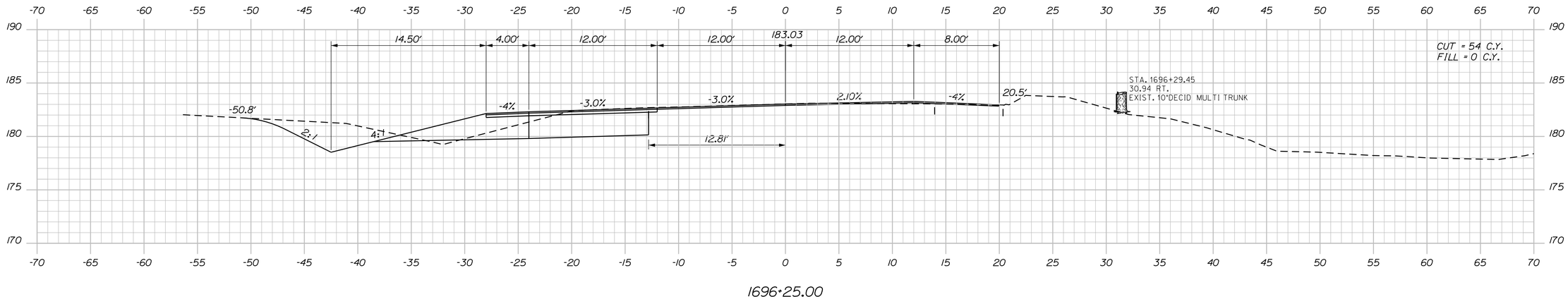
SHEET NUMBER
27
OF 50

Sta. 1695+50.00 to Sta. 1695+75.00

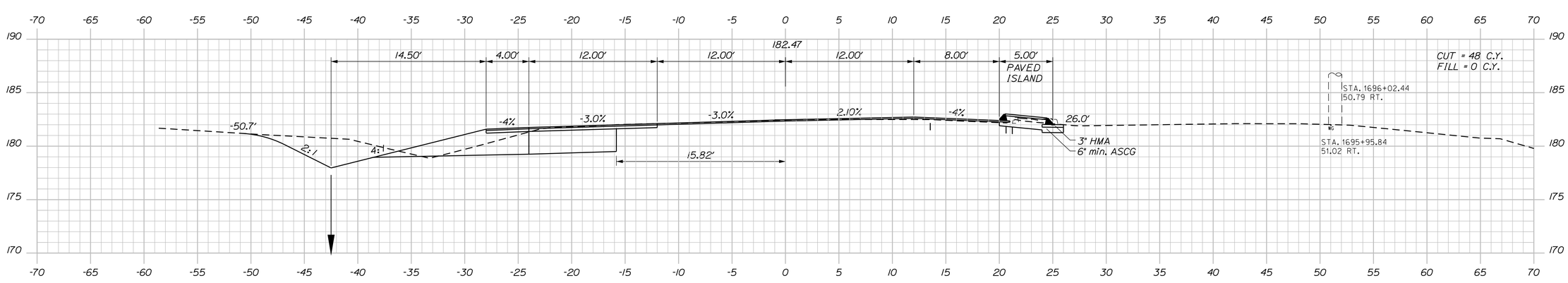
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1696+50.00



1696+25.00



1696+00.00

Sta. 1696+00.00 to Sta. 1696+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	MSM
CHECKED-REVIEWED	ALC	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

BY	DATE
MSM	2/18
	9/18

SIGNATURE
4226

P.E. NUMBER
11/14/2018
DATE

ARUNDEL
ROUTE 111

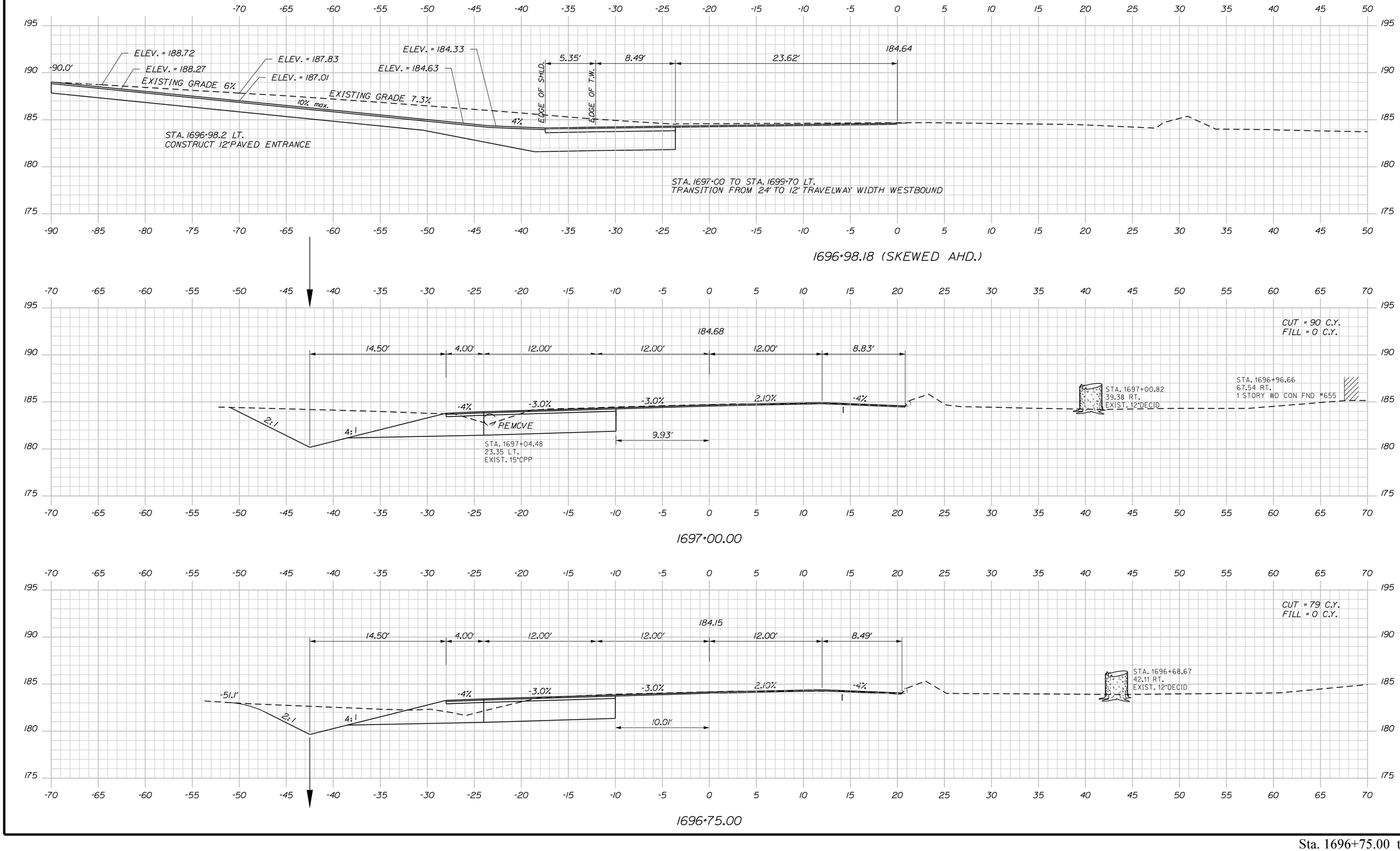
CROSS SECTIONS

SHEET NUMBER

28

OF 50

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

	BY	DATE
E. MARTIN	MSM	2/18
		9/18

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

SIGNATURE
4226
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DATE

ARUNDEL
ROUTE 111

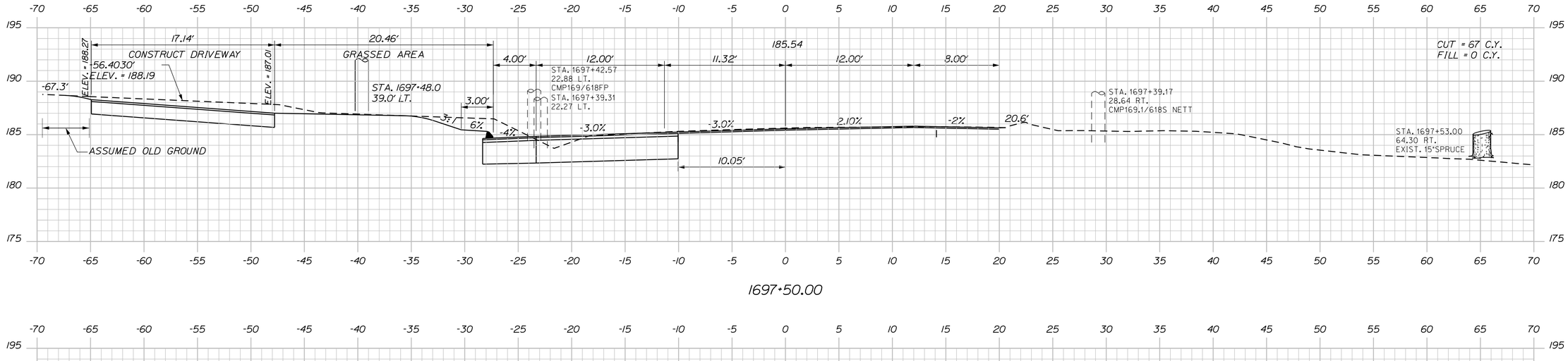
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SHEET NUMBER

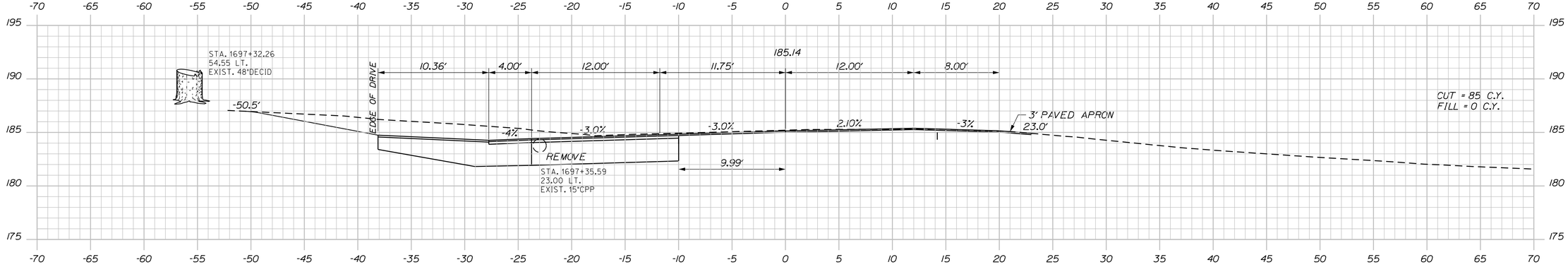
29

OF 50

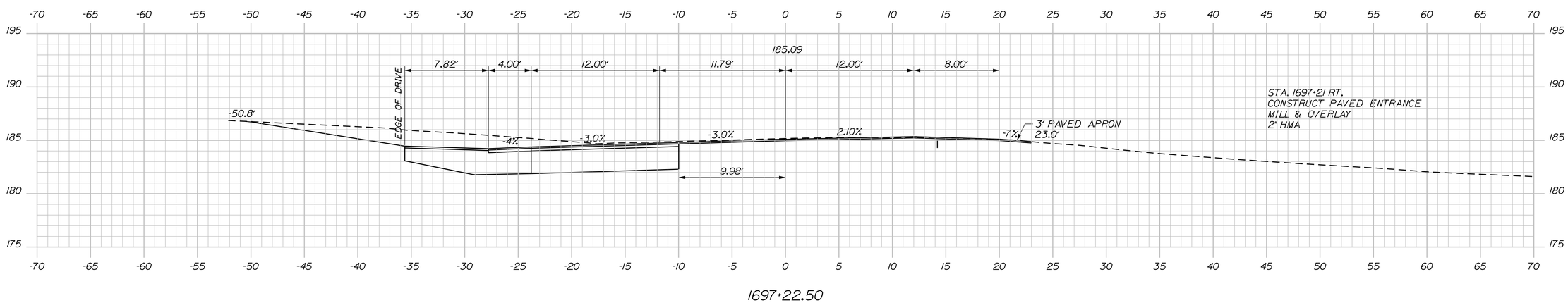
Sta. 1696+75.00 to Sta. 1696+98.18



1697+50.00



1697+25.00



1697+22.50

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

	BY	DATE
E. MARTIN	MSM	2/18
		9/18

PROJ. MANAGER	E. MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALC
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
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FIELD CHANGES	

SIGNATURE
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ARUNDEL
ROUTE 111

CROSS SECTIONS

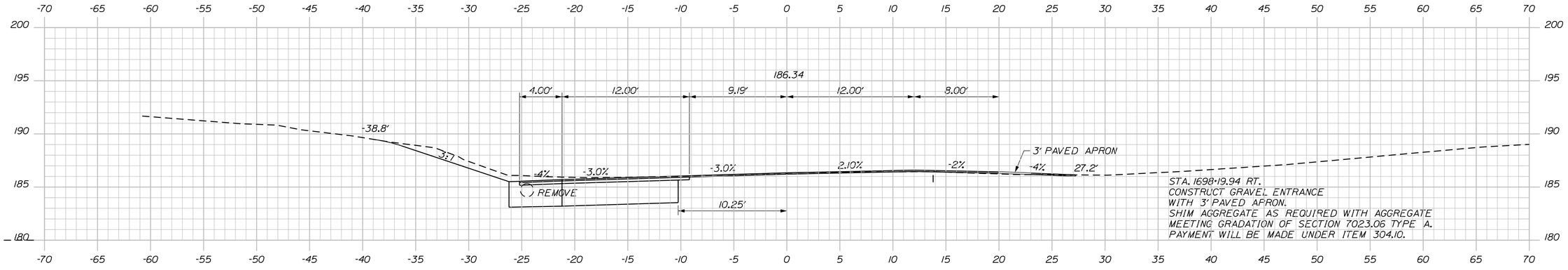
SHEET NUMBER

30

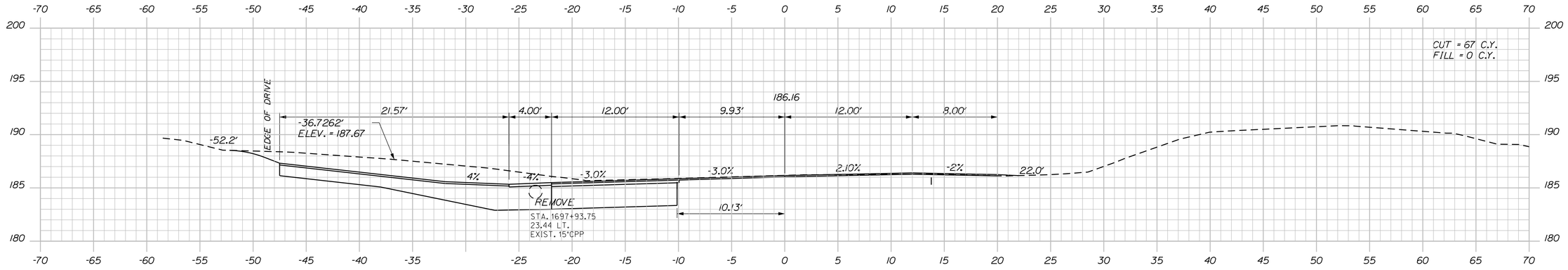
OF 50

Sta. 1697+22.50 to Sta. 1697+50.00

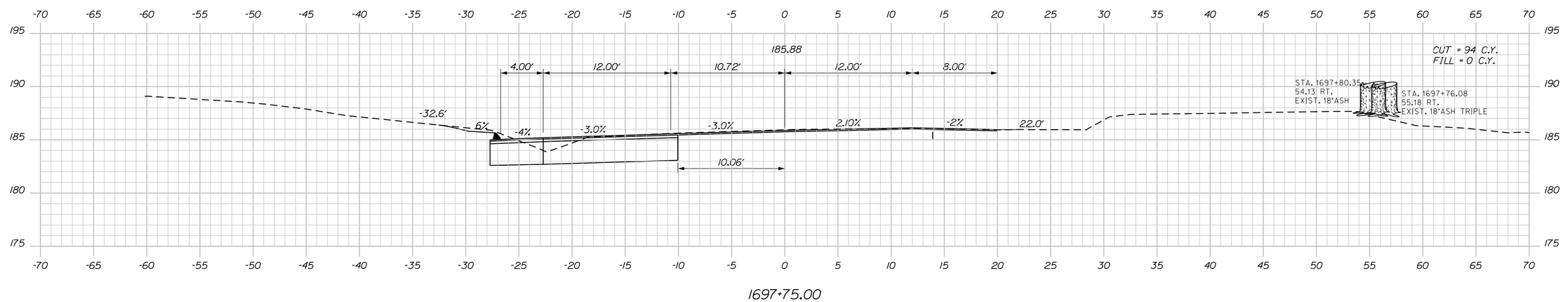
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1698+19.94



1698+00.00



1697+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

SIGNATURE 4226

P.E. NUMBER 11/14/2018

DATE

	BY	DATE
E. MARTIN		
PROJ. MANAGER	MSM	2/18
DESIGN-DETAILED	MSM	9/18
CHECKED-REVIEWED	ALC	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ARUNDEL
ROUTE 111

CROSS SECTIONS

SHEET NUMBER

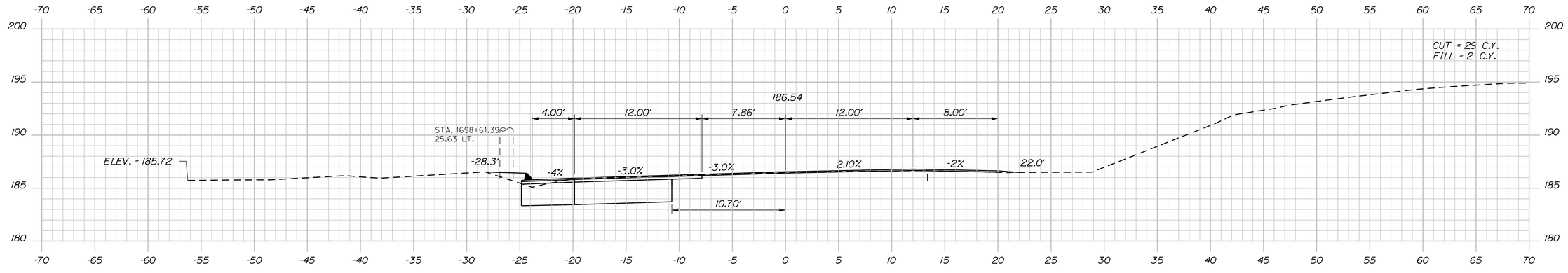
31

OF 50

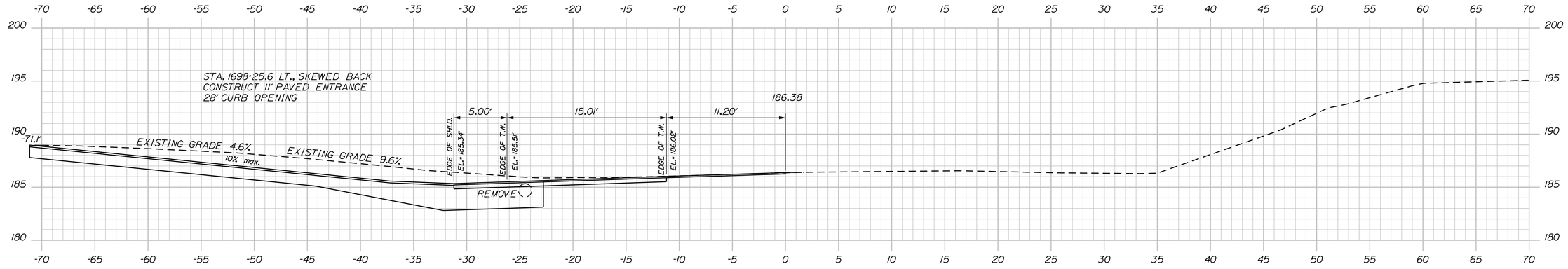
Sta. 1697+75.00 to Sta. 1698+19.94

Filename: ...\031_XSECT_1697+75_020.dgn Division: HIGHWAY Username: common Date:11/14/2018

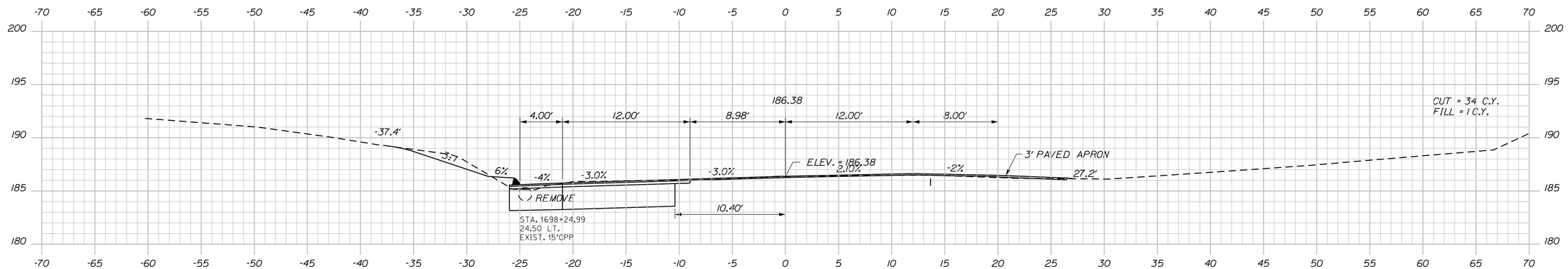
Filename: ...\032_XSECT_1698+19_021.dgn Division: HIGHWAY Username: common Date:11/14/2018



1698+50.00



1698+25.58 (SKEWED BK.)



1698+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	MSM	BY	DATE
CHECKED-REVIEWED	ALC	MSM	2/18
DESIGN2-DETAILED2			9/18
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/14/2018
DATE

ARUNDEL
ROUTE 111

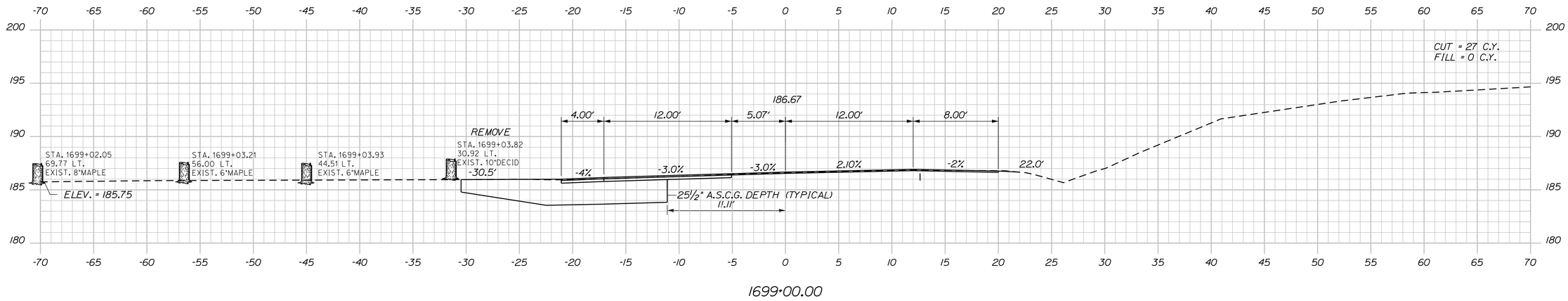
CROSS SECTIONS

SHEET NUMBER

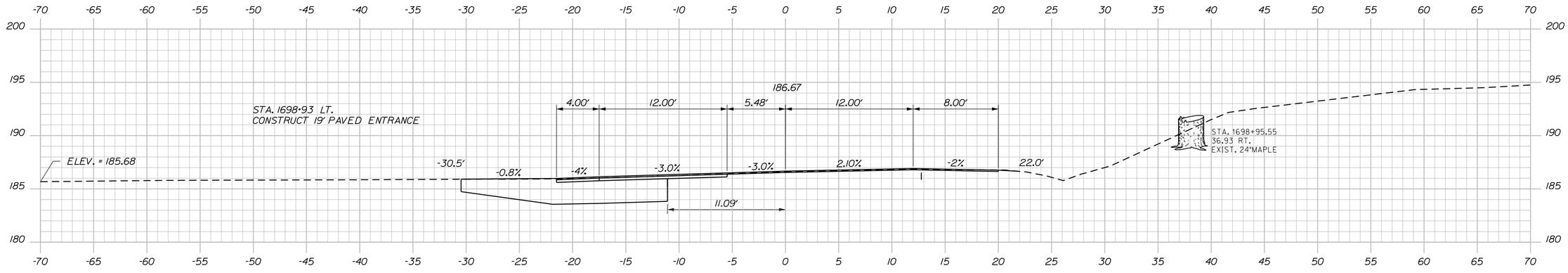
32

OF 50

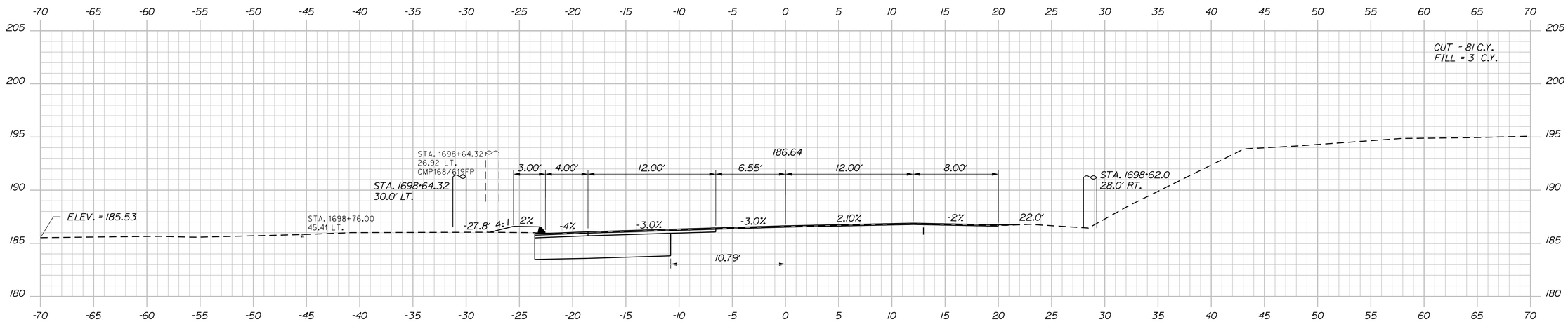
Sta. 1698+25.00 to Sta. 1698+50.00



1699+00.00



1698+93.44



1698+75.00

Sta. 1698+75.00 to Sta. 1699+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	MSM
DESIGN2-DETAILED2	ALC
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	MSM	2/18
REVISIONS 2		9/18
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/14/2018
DATE

ARUNDEL
ROUTE 111

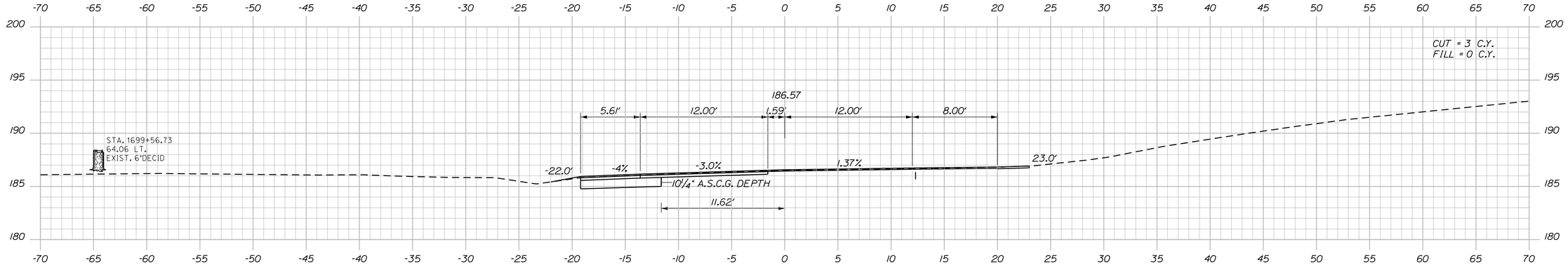
CROSS SECTIONS

SHEET NUMBER
33
OF 50

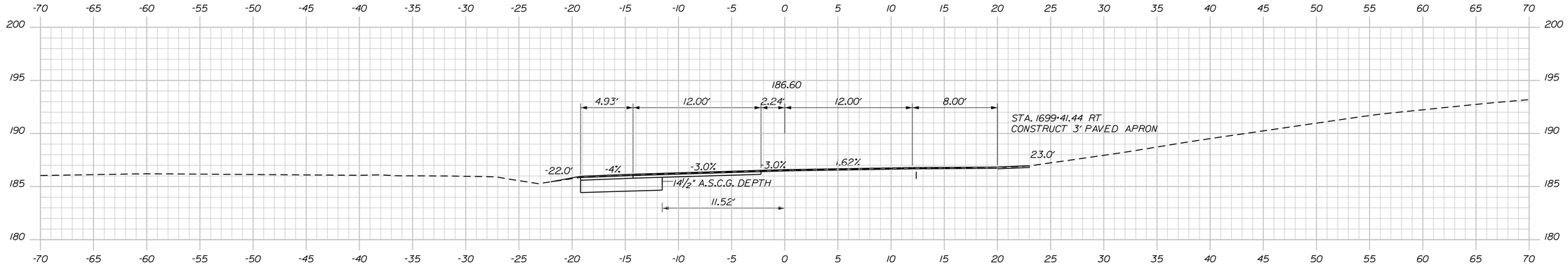
Filename: ...\033_XSECT_1698+75_022.dgn Division: HIGHWAY Username: common Date:11/14/2018

Filename: ...\034_XSECT_1699+25_023.dgn Division: HIGHWAY Username: common Date:11/14/2018

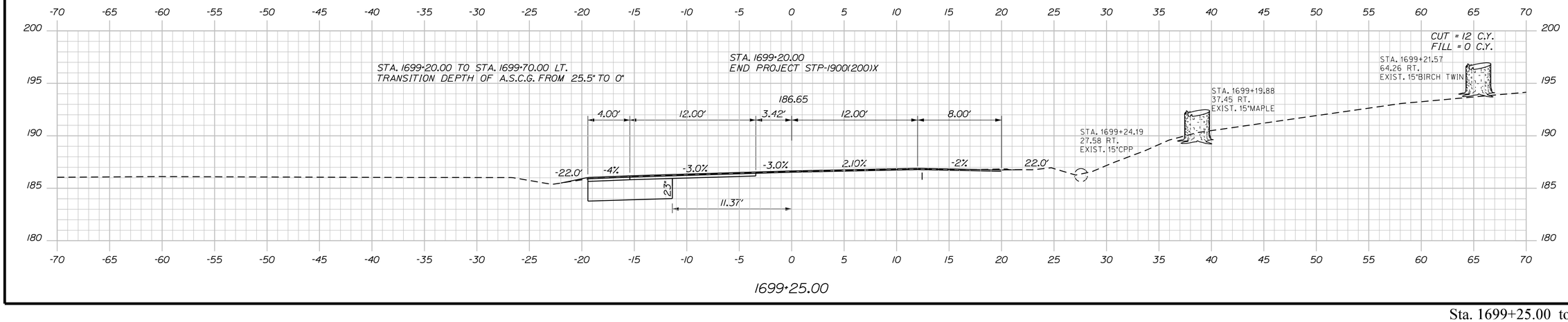
STA. 1699+70.00
END AUXILIARY LANE TAPER.
LIMIT OF WORK.
MATCH EXISTING SECTION.



1699+50.00



1699+41.44



1699+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2/18
CHECKED-REVIEWED	ALC		9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

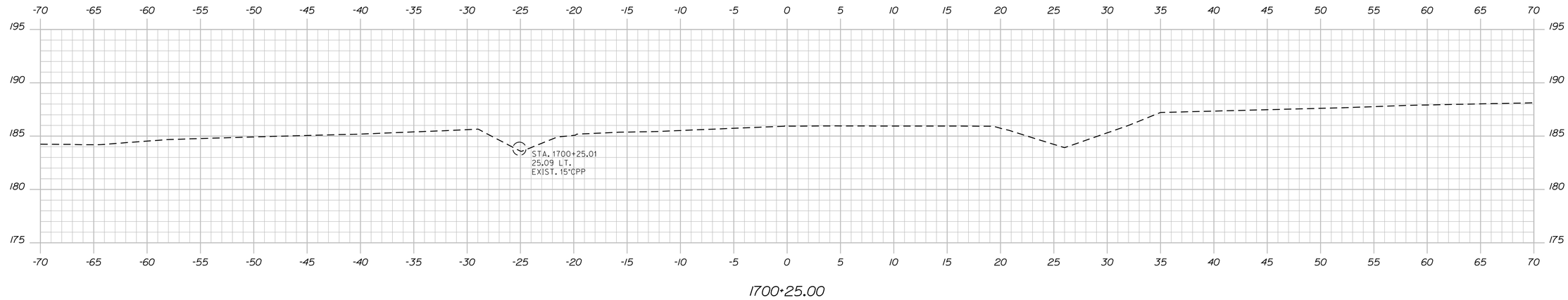
SIGNATURE
4226
P.E. NUMBER
11/14/2018
DATE

ARUNDEL
ROUTE 111

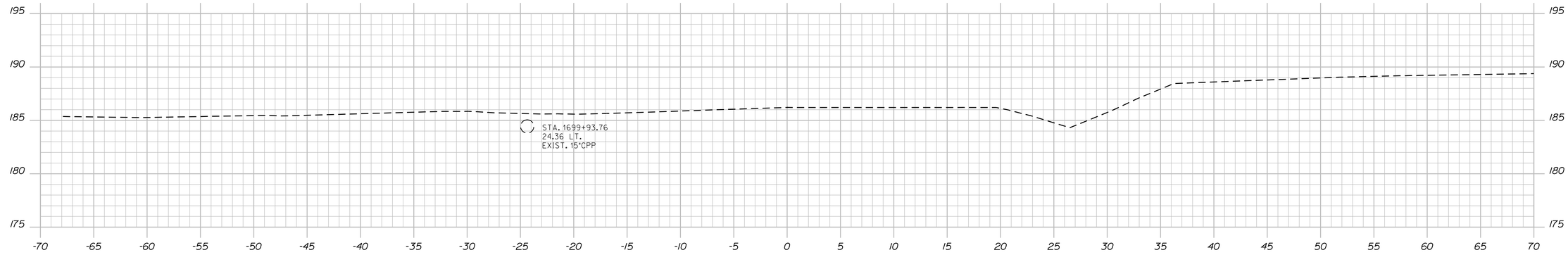
CROSS SECTIONS

SHEET NUMBER
34
OF 50

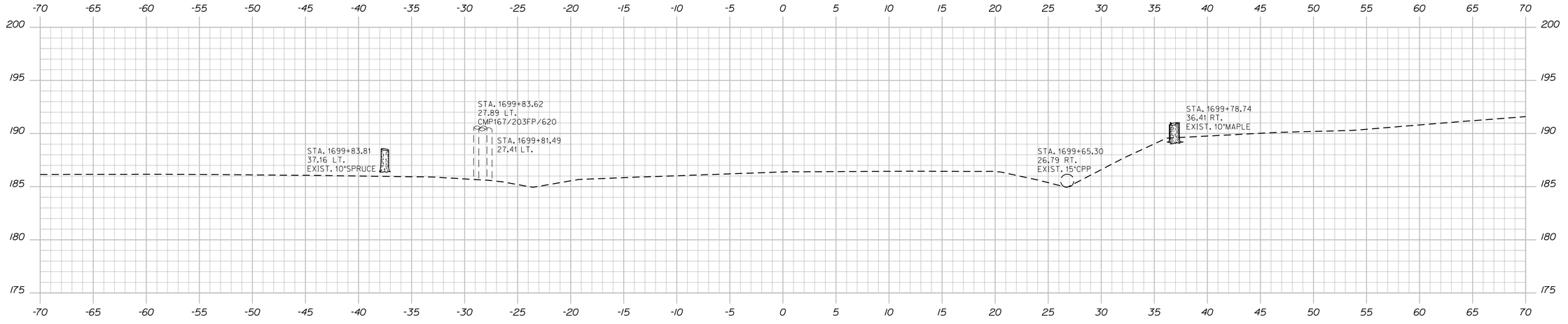
Sta. 1699+25.00 to Sta. 1699+50.00



1700+25.00



1700+00.00



1699+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2/18
CHECKED-REVIEWED	ALC		9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
ROUTE 111

CROSS SECTIONS

SHEET NUMBER

35

OF 50

Sta. 1699+75.00 to Sta. 1700+25.00

Filename: ...\035_XSECT_1699+75_024.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00 HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALC	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

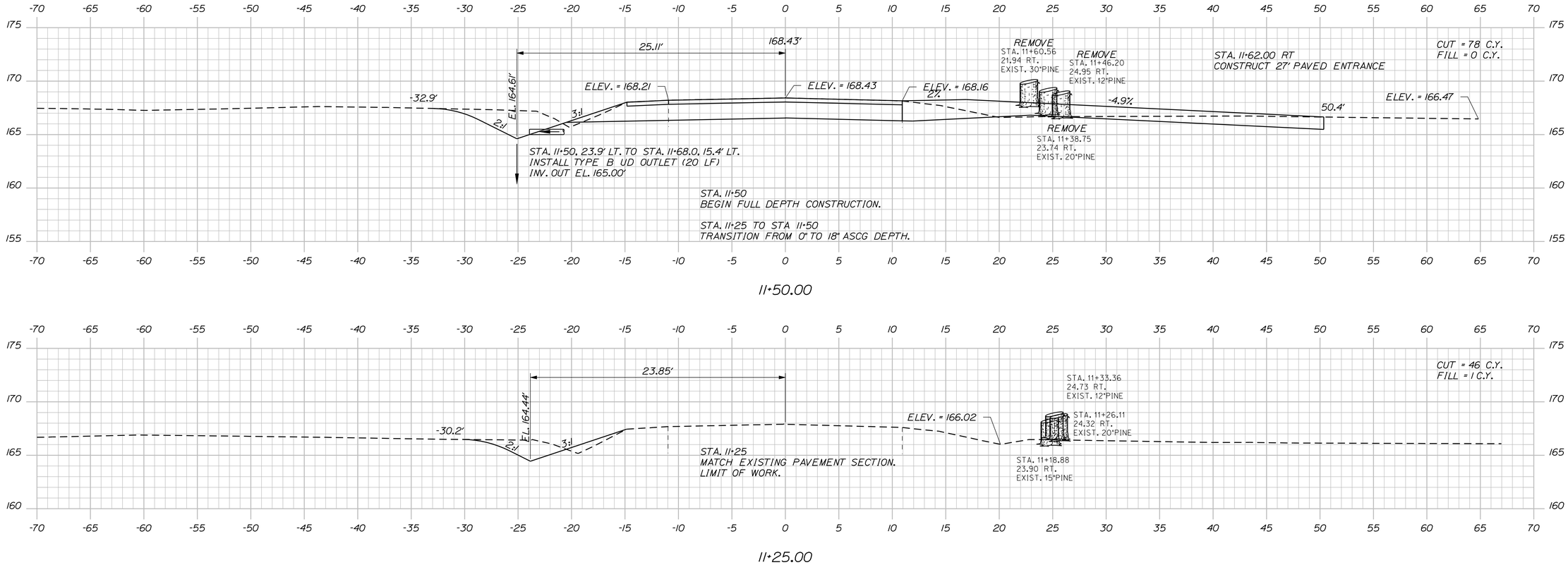
ARUNDEL
NEW ROAD

CROSS SECTIONS

SHEET NUMBER
36
OF 50

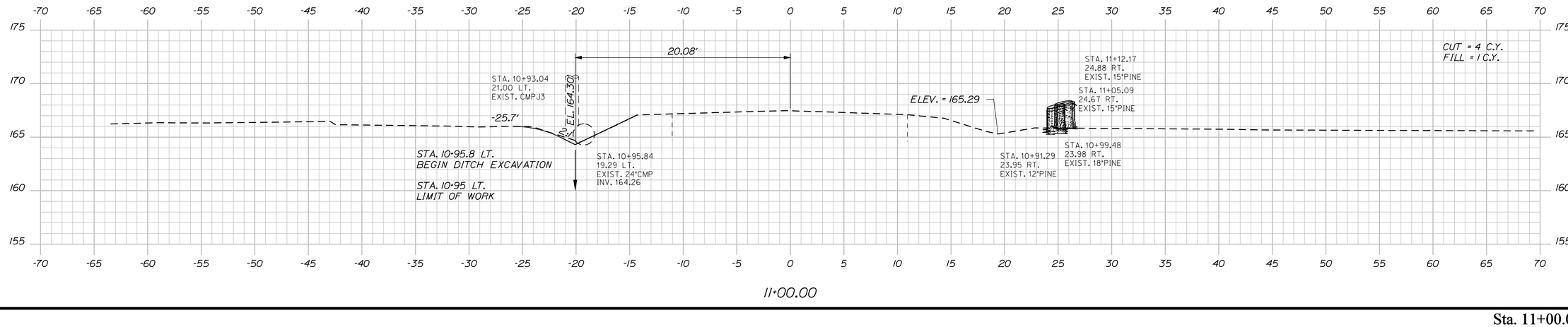
Sta. 10+25.00 to Sta. 10+75.00

Filename: ...\036_XSECT_10+25_006.dgn Division: HIGHWAY Username: morin Date:11/13/2018



11+50.00

11+25.00



11+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALC	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
NEW ROAD

CROSS SECTIONS

SHEET NUMBER
37
OF 50

Sta. 11+00.00 to Sta. 11+50.00

Filename: ...\037_XSECT_11+00_001.dgn Division: HIGHWAY Username: morin Date:11/13/2018

Filename: ...\038_XSECT_11+75_002.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

SIGNATURE 4226

P.E. NUMBER 11/13/2018

DATE

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	MSM	MSM	2/18
CHECKED-REVIEWED	ALG		9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ARUNDEL
NEW ROAD

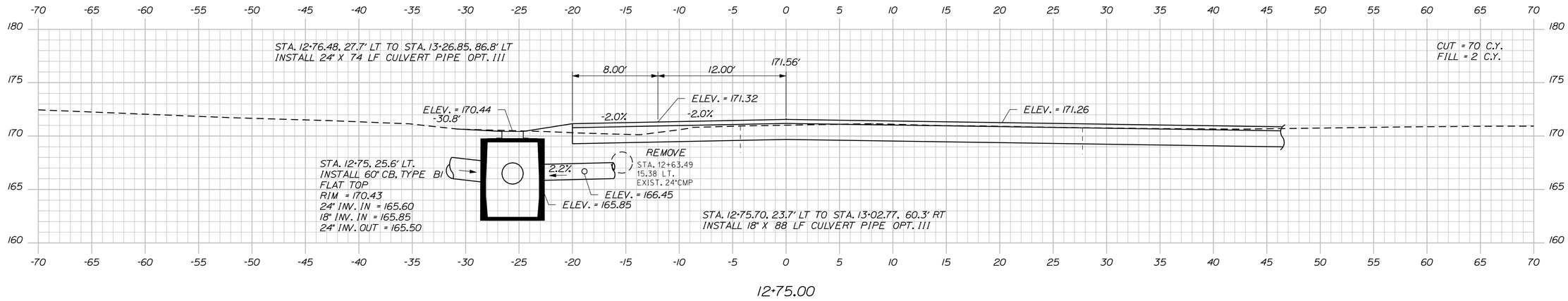
CROSS SECTIONS

SHEET NUMBER

38

OF 50

Sta. 11+75.00 to Sta. 12+00.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

	BY	DATE
E. MARTIN		
PROJ. MANAGER	MSM	2/18
DESIGN-DETAILED	MSM	9/18
CHECKED-REVIEWED	ALC	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

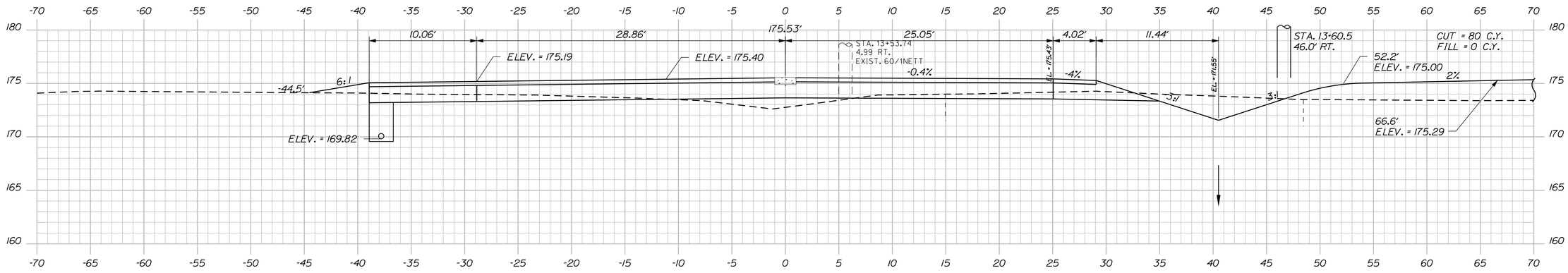
ARUNDEL
NEW ROAD

CROSS SECTIONS

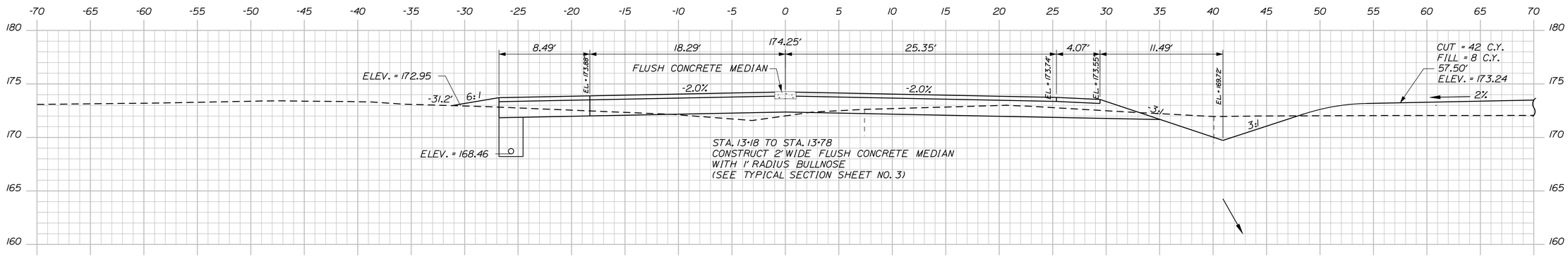
SHEET NUMBER
39
OF 50

Sta. 12+25.00 to Sta. 12+75.00

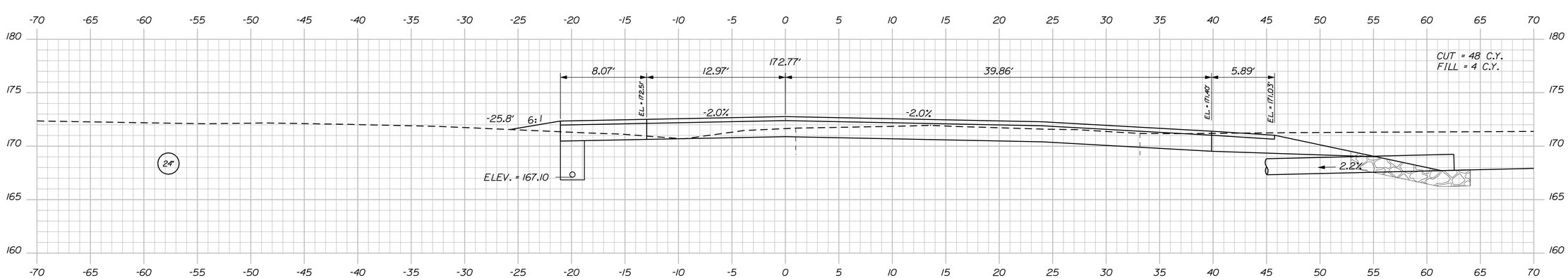
Filename: ...\039_XSECT_12+25_003.dgn Division: HIGHWAY Username: morin Date:11/13/2018



13+50.00



13+25.00



13+00.00

Sta. 13+00.00 to Sta. 13+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALC
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	MSM	2/18
REVISIONS 2		9/18
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

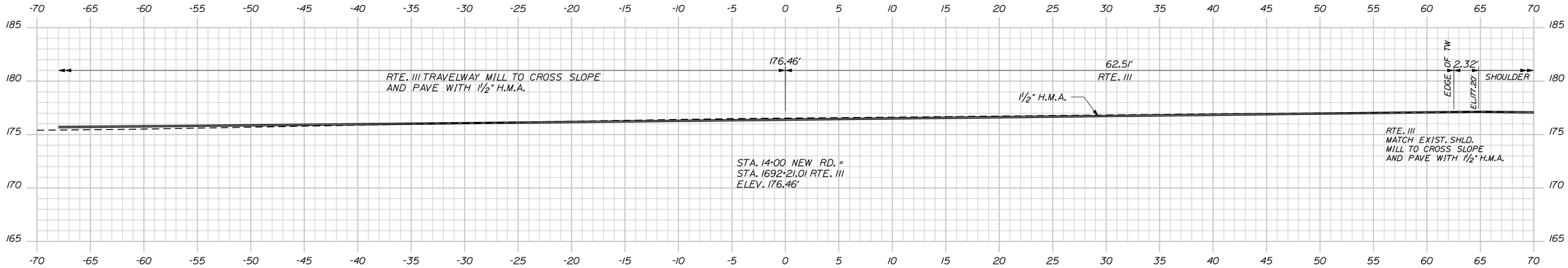
ARUNDEL
NEW ROAD

CROSS SECTIONS

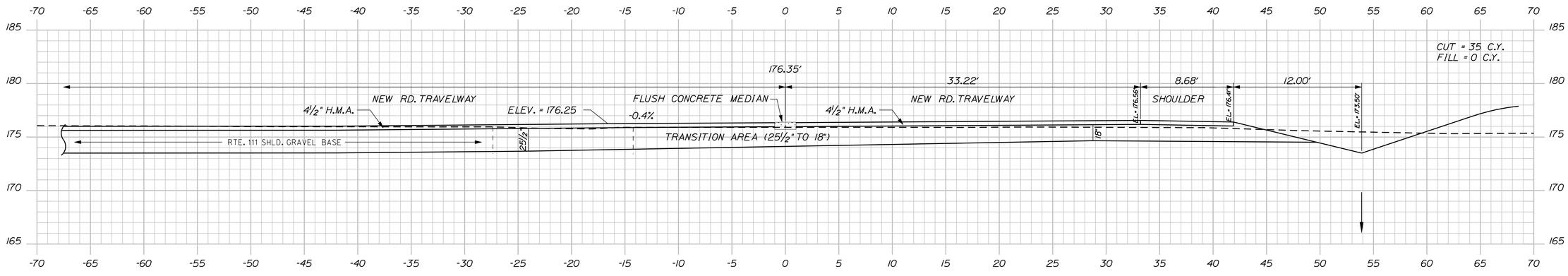
SHEET NUMBER
40

OF 50

Filename: ...\040_XSECT_13+00_004.dgn Username: morin Division: HIGHWAY Date:11/13/2018



14+00.00



13+75.00

Sta. 13+75.00 to Sta. 14+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00 HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2/18
CHECKED-REVIEWED	ALC		9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
NEW ROAD

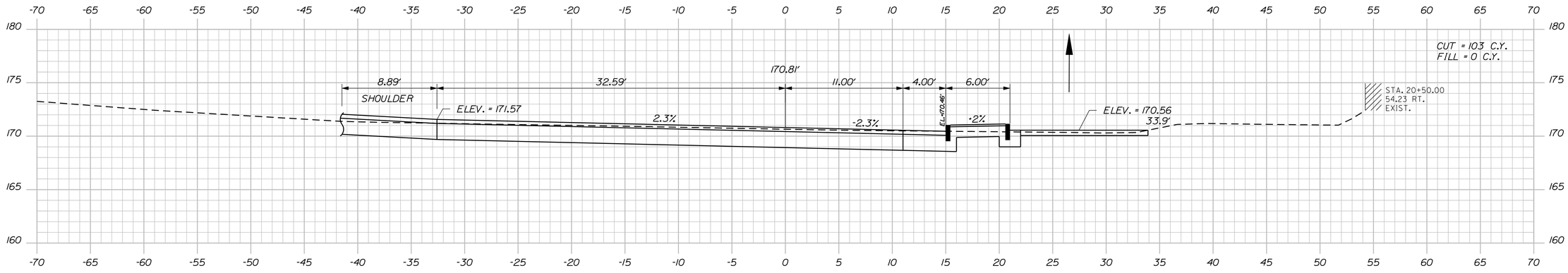
CROSS SECTIONS

SHEET NUMBER

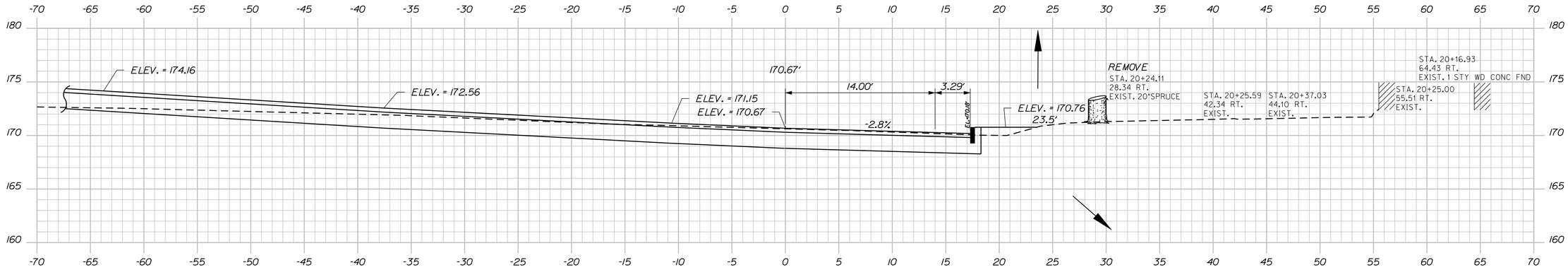
41

OF 50

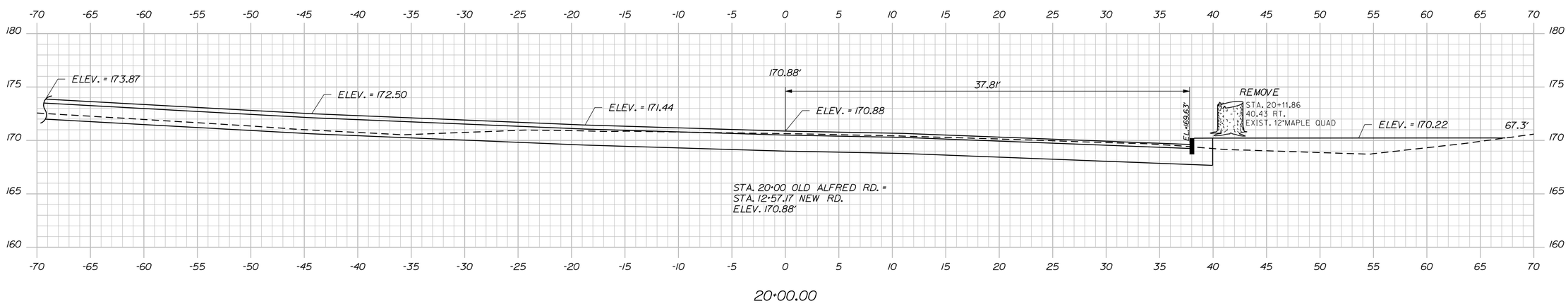
Filename: ...\041_XSECT_13+75_005.dgn Division: HIGHWAY Username: morin Date:11/13/2018



20+50.00



20+25.00



20+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN		
DESIGN-DETAILED	MSM	2/18	
CHECKED-REVIEWED	ALC	9/18	
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
OLD ALFRED ROAD

CROSS SECTIONS

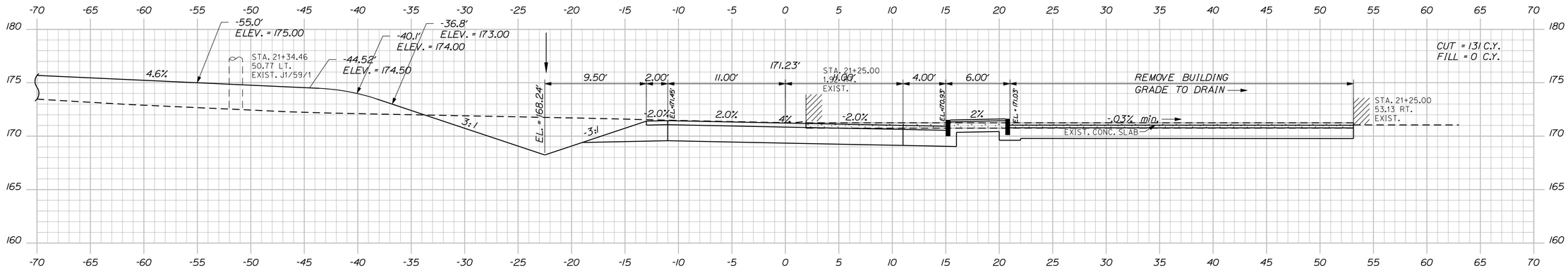
SHEET NUMBER

42

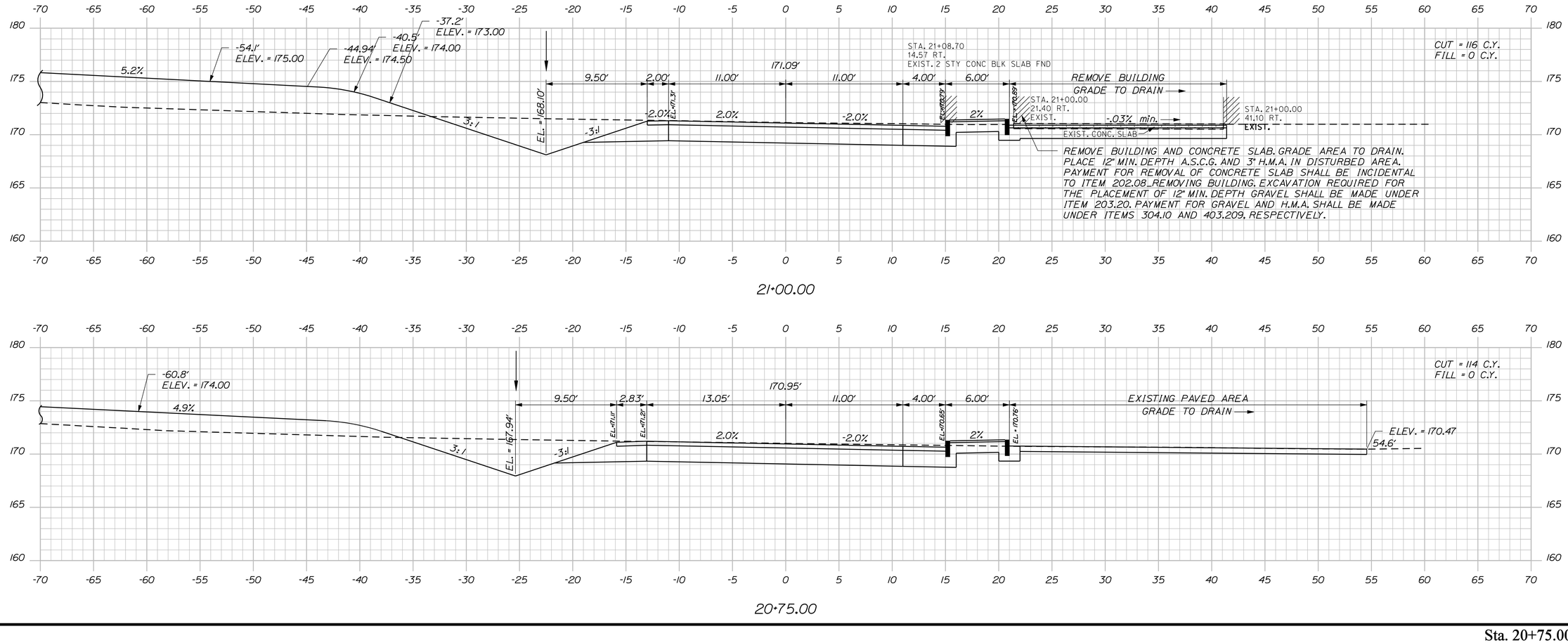
OF 50

Sta. 20+00.00 to Sta. 20+50.00

Filename: ...\042_XSECT_20+00_001.dgn Division: HIGHWAY Username: morin Date:11/13/2018



21+25.00



21+00.00

20+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALC	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
OLD ALFRED ROAD

CROSS SECTIONS

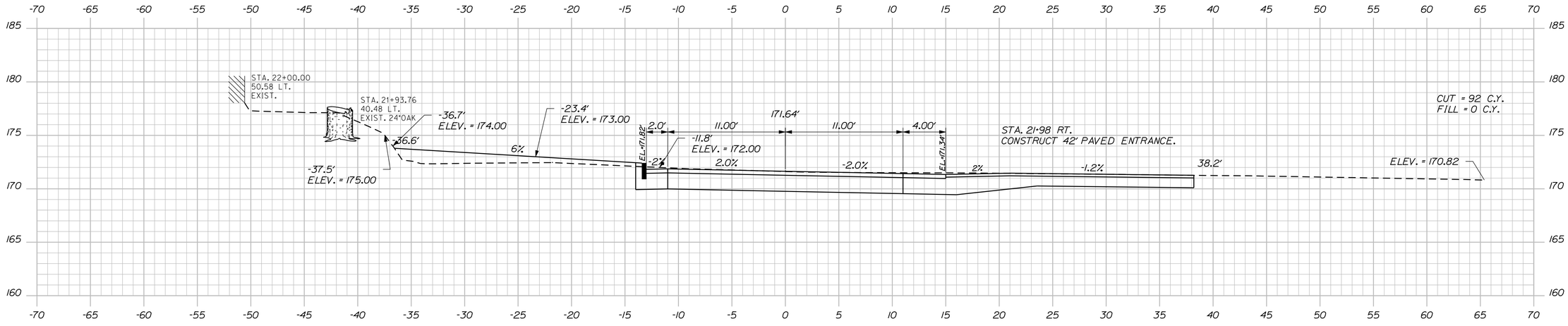
SHEET NUMBER

43

OF 50

Sta. 20+75.00 to Sta. 21+25.00

Filename: ...\043_XSECT_20+75_002.dgn Division: HIGHWAY Username: morin Date:11/13/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALC	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
OLD ALFRED ROAD

CROSS SECTIONS

SHEET NUMBER

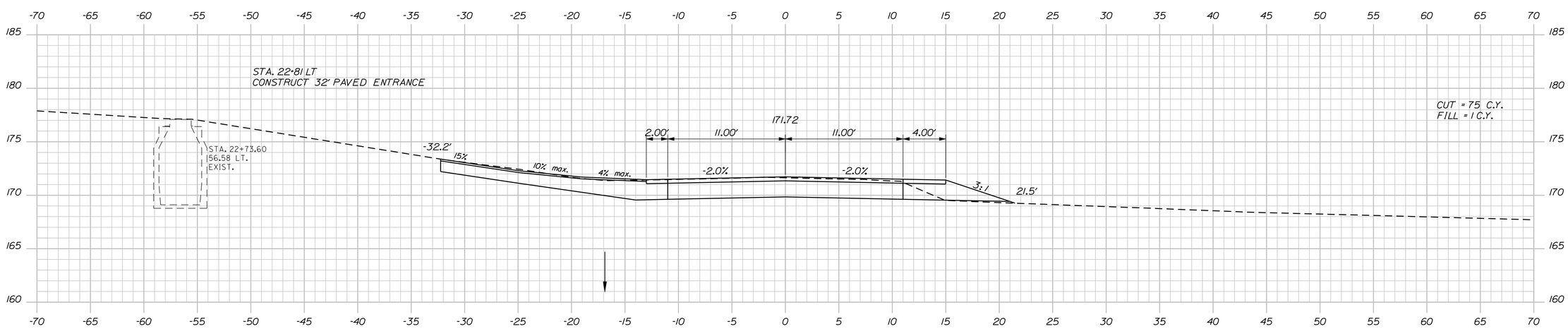
44

OF 50

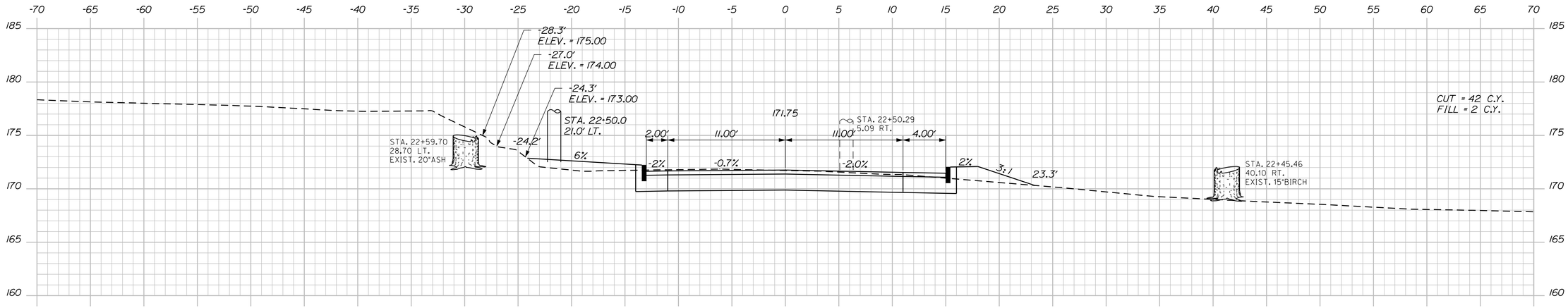
Sta. 21+50.00 to Sta. 22+00.00

Filename: ...\044_XSECT_21+50_003.dgn Division: HIGHWAY Username: morin Date:11/13/2018

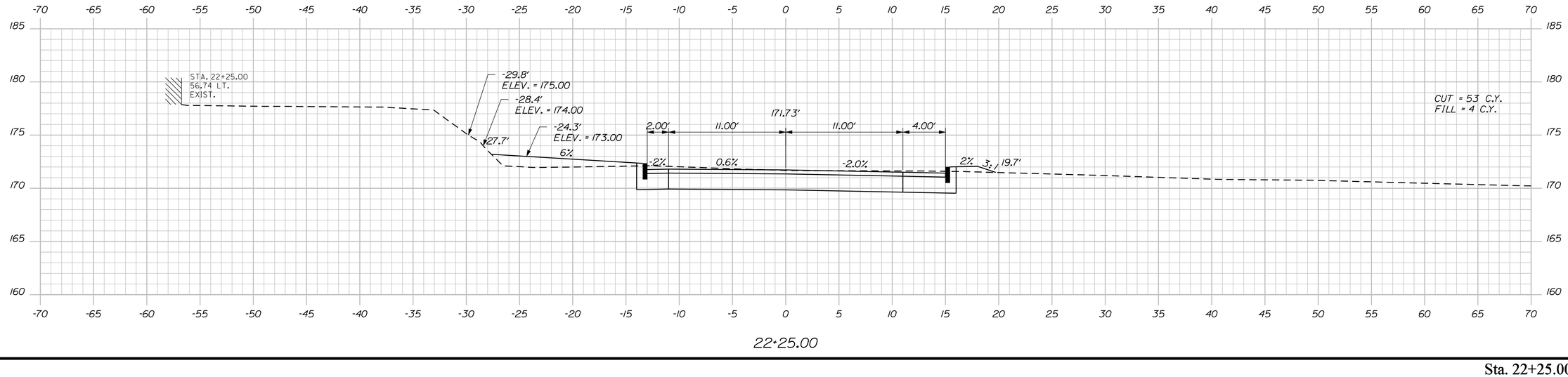
Filename: ...\045_XSECT_22+25_004.dgn Division: HIGHWAY Username: morin Date:11/13/2018



22+75.00



22+50.00



22+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALC	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

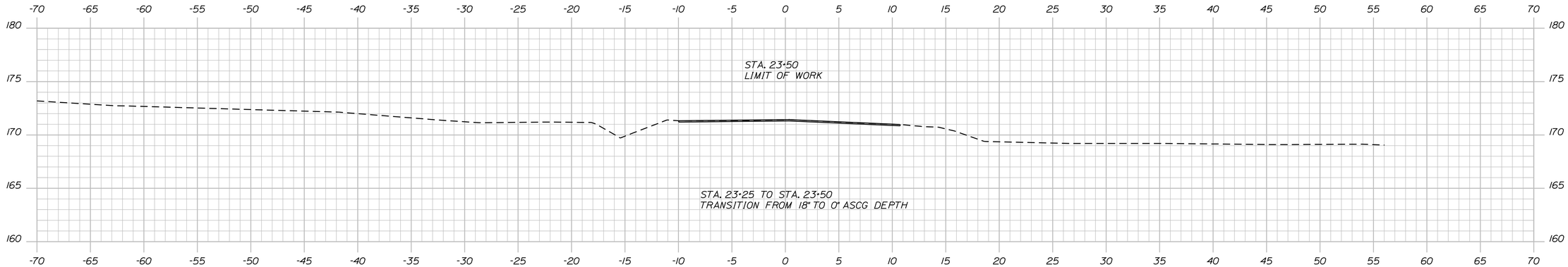
DATE

ARUNDEL
OLD ALFRED ROAD

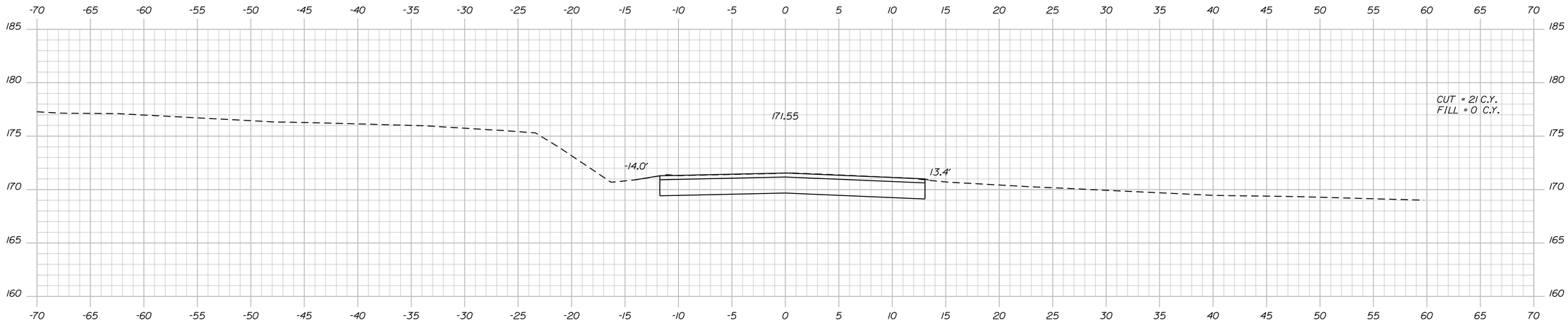
CROSS SECTIONS

SHEET NUMBER
45
OF 50

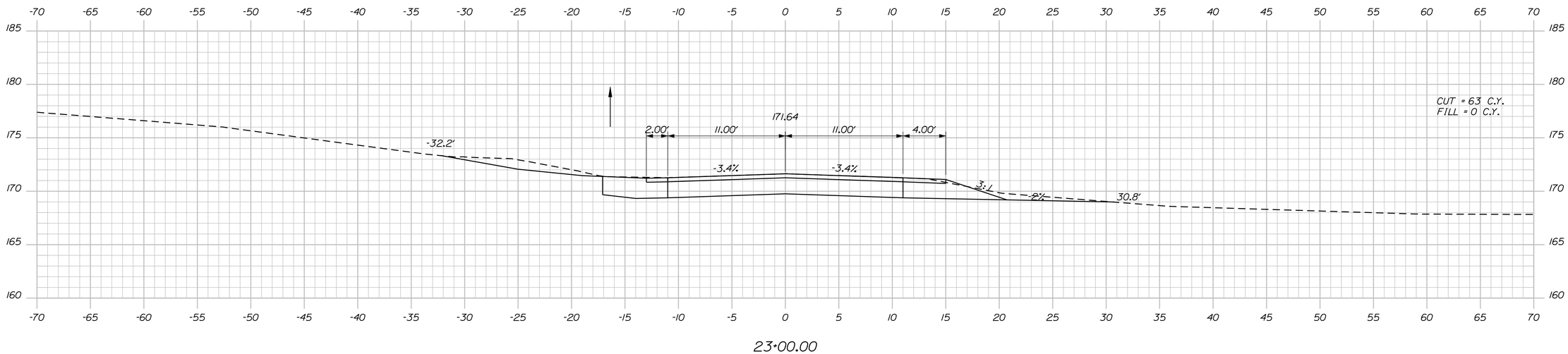
Sta. 22+25.00 to Sta. 22+75.00



23+50.00



23+25.00



23+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

AC-STP-1900(200)X

WIN 19002.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E. MARTIN	
DESIGN-DETAILED	MSM	2/18
CHECKED-REVIEWED	ALC	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

ARUNDEL
OLD ALFRED ROAD

CROSS SECTIONS

SHEET NUMBER
46
OF 50

Sta. 23+00.00 to Sta. 23+50.00

Filename: ...\046_XSECT_23+00_005.dgn Division: HIGHWAY Username: morin Date:11/13/2018

Filename: ...\00\ROW\MSTA\047_RWPLAN1.dgn Usernname: Nicholos.Acheson Date:12/4/2018 Division: ROW

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 CLL	Sanitary Sewer	T	Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line	E	Ditch	
Limits of Wrought Portion	L.O.W.P.	Tree Line	Bush Line	Electric Line	W	Catch Basin	
Control Of Access	C.O.A.	Water Edge		Water Line	G	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 C C C	Fill Line F F F		
Stonewall	Retaining Wall		
Baseline 10+00 11+00 12+00			
Monument	Traverse Point		
Iron Rod Found IRF	Pipe Found IPF		
Replacement Pin Set			

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

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

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999733

GRID MAINE 2000 WEST ZONE

STANDARD BOUNDARY SURVEY PLAN SHOWING
LAND ON THE ALFRED ROAD IN ARUNDEL, MAINE
FOR DANNY R. & SUSAN J. DONEGAN
BY WAYNE A. DESPER
DATED - MAY 28, 1993
Y.C.R.D PLAN BOOK 213, PAGE 46

BOUNDARY SURVEY PLAN FOR LAND OF
VIOLA NEAULT TO BE CONVEYED TO FLORIAN LEGROS
BY OAK POINT ASSOCIATES
DATED JULY 22, 1988
UNRECORED
(TEDOCS # 1709748)

LOT 37 ALFRED ROAD, LLC
PARCEL NO. (3)
LAND TAKEN = 396± S.F.
SLOPE EASE. = 0.08± AC. (1)
DRAINAGE EASE.= (1)
TOTAL AREA = 1.47± AC. (PER TOWN)
REM. AREA = 1.46± AC.

DANNY R. DONEGAN
SUSAN J. DONEGAN
PARCEL NO. (4)
LAND TAKEN = 39± S.F.
SLOPE EASE. = 0.08± AC. (2)
TOTAL AREA = 2.16± AC. (SURVEY)
REM. AREA = 2.16± AC

GREEN MOUNTAIN TRANSPLANTS, INC.
PARCEL NO. (6)
LAND TAKEN = 1,181± S.F.
SLOPE EASE. = 1,282± S.F. (2)
TEMP. CONST. RIGHTS = 0.14± AC. (1)
TOTAL AREA = 12.14 AC. (DEED)
REM. AREA = 12.11± AC.

INLET DRAINAGE STRUCTURE
STA. 686+59± LT.

1,055'± (19107.00 TOTAL)
496'± (19107.00)
685+96± 50' LT.
4'±
SLOPE EASEMENT LIMITS
CLL
0.08± AC.
179'±
180'±
750'00" 254'±
(STA. 681+06 LT. TO 691+55 RT.)
1'±
39± S.F.
76'±
SLOPE EASEMENT LIMITS
0.08± AC.
77'
73'
SEE R/W REF. 1A
15' OPT. III
15' CP OPT. III
60'
50'
46.6'±
44.2'±
19107 ACQUISITION
19002 ACQUISITION
24" RCP CL. III
BEGIN B.L. STA. 685+00
PROJECT 19002.00
55'±
685 686 687 688 689 690 691 692
S85°23'20"E 740.64'
ROUTE 111 / ALFRED ROAD / STATE HIGHWAY "8"
TO LYMAN
617'±
1,055.09' (STA. 681+00 LT. TO 691+55 RT.)
SEE R/W REF. 1A
80'
DRAINAGE EASEMENT LIMITS
935± S.F.
OUTLET DRAINAGE STRUCTURE
STA. 686+50 TO STA. 686+75 RT.

N.E.T.&T. CO. EASEMENT
Y.C.R.D. BOOK 3018, PAGE 235

CONSTRUCTION
0.14± AC.
TEMPORARY
48± S.F.
SLOPE EASE.
302± S.F.
LIMITS
390.64'
15' OPT. III
15' UD
STA. 692+21.01 = STA. 14+00.00
PT 13+75.54
S85°23'20"E 740.64'
24.46'
N27°39.8'E
+20.0±
65.0'±
0.08± AC.
40'
49.3'±
TEMPORARY
APPROXIMATE SEPTIC LOCATION (PER POR & PROPOSED SITE PLAN)
DRAINAGE STRUCTURE
STA. 691+05 TO STA. 691+25 RT.
DRAINAGE EASEMENT
CONSTRUCTION EASEMENT
LIMITS
24.21'
13+00
185.09'
STA. 12+57.17 (NEW RD.)=
STA. 20+00.00 OLD ALFRED
20+00
33'
30'
12+00
111.66'
202'±
PC 11+90.45
CURVE DATA
PI = 12+84.07
D = 11°27'33.0"
Δ = 21°12'33.5" Lt.
R = 500.00'
L = 185.09'
T = 93.61'
E = 8.69'
T.C.L.
WIN 19002.00

STANDARD BOUNDARY SURVEY FOR H.A. MAPES, INC.
BY CORNER POST LAND SURVEYING
DATED - SEPTEMBER 14, 1995
UNRECORDED

EXISTING UTILITY EASEMENT
Y.C.R.D. BOOK 14193, PAGE 313

TRL PROPERTIES, LLC
ITEM NO. (2)
DRAINAGE EASE. = 935± S.F. (1)
TOTAL AREA = 2.16± AC. (SURVEY)

SEE SHEET 4 FOR PARCEL NO. (1)

DANIEL J. ST. OURS
PARCEL NO. (5)
LAND TAKEN = 0.08± AC.
DRAINAGE EASE. = 1,330± S.F. (1)
TEMP. CONST. RIGHTS = 0.09± AC. (2)
TOTAL AREA = 0.81± AC. (PLAN)
REM. AREA = 0.73± AC.

EXISTING RIGHT OF WAY REFERENCES

ACQUISITIONS SHOWN ON THIS PLAN ARE DIMENSIONED FROM THE HISTORICAL 1948 BASELINE (S.H.C. FILE 16-69). SEE 'BASELINE NOTE' FOR ADDITIONAL INFORMATION.

1) ROUTE 111 (ALFRED ROAD)
   A) STATE OF MAINE - RIGHT OF WAY MAP
      STATE HIGHWAY "U"
      NORTH KENNEBUNKPORT, YORK COUNTY
      FEDERAL AID PROJECT NO. F 360 (1)
      DATED - JUNE 1948
      S.H.C. FILE NO. 16-69, SHEETS 5 & 6 OF 9
      YORK COUNTY REGISTRY OF DEEDS (Y.C.R.D.)
      PLAN BOOK 23, PAGES 12 TO 20
   B) YORK COUNTY COMMISSIONERS RECORDS
      VOLUME 16, PAGE 110 (1827)
      3.5 RODS WIDE (57.75') WIDE WITHIN PROJECT LOCUS
2) NEW ROAD (F.K.A. BURNHAM ROAD & LIMERICK ROAD)
   A) YORK COUNTY COMMISSIONERS RECORDS
      VOLUME 22, PAGE 275 (1871)
      3 RODS (49.5') WIDE
3) OLD ALFRED ROAD
   A) ARUNDEL TOWN RECORDS
      DATED MARCH 11, 1793
      3 RODS (49.5') WIDE
   B) PLAN SHOWING LAND SURVEYED FOR
      BARBARA HAM RAYMOND
      BY DOW & COULOMBE
      DATED FEBRUARY 13, 1979
      LAST REVISED MARCH 16, 2000
      3 RODS (49.5') WIDE

BASELINE NOTE:
THE BASELINE SHOWN ON THIS PLAN IS THE SAME AS THE 1948 HISTORICAL ROUTE 111 BASELINE AS SHOWN ON S.H.C. FILE 16-69. EQUATION STATIONS WERE ADDED IN ORDER TO FIT THE BASELINE WITH THE FOUND HIGHWAY MONUMENTS FROM 1948 PROJECT.

ADDITIONALLY, THE 2018 DESIGN BASELINE IS SLIGHTLY DIFFERENT FROM THE RIGHT OF WAY BASELINE. TIES TO THE DESIGN BASELINE ARE LISTED BELOW:

ROW EQ. STA. 654+50/654+52.50, 0.62' LT. = DESIGN STA. 1654+53.53
ROW EQ. STA. 667+48.61/PC 667+49.11, 1.06' RT. = DESIGN STA. 1667+49.64
ROW PT. STA. 675+40.79, 0.01' LT. = DESIGN STA. 1675+41.28
ROW EQ. STA. 680+99.50/681+00, 0.02' LT. = DESIGN STA. 1681+00.00
ROW STA. 686+00.00, 0.01' LT. = DESIGN STA. 1686+00.00
ROW EQ. STA. 692+40.64/PC 692+41.44 = DESIGN STA. 1692+40.64
ROW PT STA. 701+21.65, 0.21' RT. = DESIGN STA. 1701+20.89

PLAN SHOWING A STANDARD BOUNDARY SURVEY AND PROPOSED CONVEYANCES LOCATED ON NEW ROAD AND ALFRED ROAD FOR SIMONNE TASCHEREAU BY JOHN BRUCKLER DATED - JANUARY 3, 2003 JOB NO. 03320

PLAN OF LAND OF RICHARD L. TASCHEREAU AND PHILIP A. TASCHEREAU BY DESROBERTS & HENRY, INC. DATED - OCTOBER 15, 1975 Y.C.R.D. PLAN BOOK 76, PAGE 20

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	J.H.
AREAS	J.H.
TECH	N.T.A.
	N.T.A.
	N.T.A.

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	10/1/18	17812	73

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

STATE HIGHWAY "8"
ROUTE 111 \ ALFRED ROAD
ARUNDEL YORK COUNTY
FEDERAL AID PROJECT NO. STP-1900(200)X PART II

MAY 2018	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 16-519
SCALE 1" = 25'	SHEET 1 OF 4	

SHEET NUMBER
47
OF 50

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 CLL	Sanitary Sewer		Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line	T	Ditch	
Limits of Wrought Portion	L.O.W.P.	Tree Line	Bush Line	Electric Line	E	Catch Basin	
Control Of Access	C.O.A.	Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge	Rock/Boulder Flag Pole	Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK	BARB WIRE STOCKADE	Gas Line	G	Utity Pole	
New Temporary Rights		Sign	Well WELL Mailbox	Guardrail		Fire Hydrant	
New R/W Wthhn Existing R/W				Culvert		Curbing	

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

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____,
at ____h____m____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

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

SEE SHEET 1 OR 3 FOR EXISTING RIGHT OF WAY REFERENCES & NOTES

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

PROPERTY LINES FOR THIS PARCEL BASED ON UNRECORDED PLAN FOR THE LAND OF VIOLA NEAULT TO BE CONVEYED TO FLORIAN LEGROS BY OAK POINT ASSOCIATES, DATED JULY 22, 1988

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999733

PLAN SHOWING LAND SURVEYED FOR JOSEPH BEAULIEU
BY DOW & COULOMBE, INC.
DATED - AUGUST 28, 1984
REVISED - SEPTEMBER 7, 1984 & MAY 7, 1986
UNRECORDED

BOUNDARY SURVEY PLAN FOR LAND OF
VIOLA NEAULT TO BE CONVEYED TO FLORIAN LEGROS
BY OAK POINT ASSOCIATES
DATED JULY 22, 1988
UNRECORED
(TEDOCS # 1709748)

GREEN MOUNTAIN TRANSPLANTS, INC.
PARCEL NO. (6)
LAND TAKEN = 1,181± S.F.
SLOPE EASE. = 1,282± S.F. (2)
TEMP. CONST. RIGHTS = 0.14± AC. (1)
TOTAL AREA = 12.14 AC. (DEED)
REM. AREA = 12.11± AC.

CURVE DATA
D = 1°36'00.0"
Δ = 14°05'00.0" LT.
R = 3,581.10'
L = 880.21' (CHORD DEF. L, PER FILE 16-69)
T= 442.31'

WALTER A. GARCIA
PARCEL NO. (8)
LAND TAKEN = 1,276± S.F.
SLOPE EASE. = 747± S.F. (1)
TOTAL AREA = 0.46± AC. (PER TOWN)
REM. AREA = 0.43± AC.

DANIEL E. NASON
GAIL L. NASON
PARCEL NO. (10)
LAND TAKEN = 0.08± AC.
SLOPE EASE. = 935± S.F. (1)
TEMP. CONST. RIGHTS = 0.05± AC. (2)
TOTAL AREA = 3.50± AC. (PER PLAN)
REM. AREA = 3.42± AC.

GRID
MAINE 2000 WEST ZONE

EQUATION POINT
STA. 692+40.64 BACK =
P.C. 692+41.44 AHEAD (EQ.=-80)

STA. 692+21.01 = STA. 14+00.00
S85°38'20"E 740.64'
PT 13+75.54
ROUTE 111 / ALFRED ROAD / STATE HIGHWAY "8"
880.21'
TO BIDDEFORD

CURVE DATA
PI = 12+84.07
D = 11°27'33.0"
Δ = 21°12'33.5" Lt.
R = 500.00'
L = 185.09'
T = 93.61'
E = 8.69'

ROLAND P. GAGNE, TRUSTEE
OF THE GAGNE FAMILY TRUST
ITEM NO. (7)
TEMP. CONST. RIGHTS = 206± S.F. (1)
TOTAL AREA = 0.19± AC. (TOWN)

HRE ARUNDEL LLC
ITEM NO. (9)
TEMP. CONST. RIGHTS = 1,081± S.F. (2)
TOTAL AREA = 0.48± AC. (TOWN)

LIMITED SITE PLAN PREPARED FOR
ARTHUR GALLANT & TRI-TOWN FUELS
UNRECORDED

ANDRE R. DESCHAMBAULT
THERESE L. DESCHAMBAULT

MATTHEW J. HIGGINS

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

THERESE L. DESCHAMBAULT

WIN 19002.00

ITEM	TECH	CHECKED
EXISTING CONDITION PLAN	N.T.A.	C.W.K.
FINAL RIGHT OF WAY	N.T.A.	J.H.
AREAS	N.T.A.	J.H.

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	10/1/18	17812	73

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

STATE HIGHWAY "8"
ROUTE 111 / ALFRED ROAD
ARUNDEL YORK COUNTY
FEDERAL AID PROJECT NO. STP-1900(200)X PART II

MAY 2018	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 16-519
SCALE 1" = 25'	SHEET 2 OF 4	

SHEET NUMBER
48
OF 50

Filename: ...\00\ROW\MSTA\048_RWPLAN2.dgn Division: ROW Username: Nicholos.Acheson Date:12/4/2018

Filename: ...\00\ROW\MSTA\049_RWPLAN3.dgn Division: ROW Username: Nicholos.Acheson Date:12/4/2018

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 — CLL —	Sanitary Sewer		Traveled Way	
Existing Right of Way		Trees Conifer	Deciduous	Telephone Line	T	Ditch	
Limits of Wrought Portion — L.O.W.P. —		Tree Line	Bush Line	Electric Line	E	Catch Basin	
Control Of Access — C.O.A. —		Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge	Rock/Boulder	Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK	BARB WIRE	Gas Line	G	Utility Pole	
New Temporary Rights		Sign	Well WELL	Guardrail		Fire Hydrant	
New R/W Within Existing R/W			Mailbox	Culvert		Curbing	

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

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

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

PLAN SHOWING LAND SURVEYED FOR JOSEPH BEAULIEU
BY DOW & COULOMBE, INC.
DATED - AUGUST 28, 1984
REVISED - SEPTEMBER 7, 1984 & MAY 7, 1986
UNRECORDED

CURVE DATA
D = 1°36'00.0"
Δ = 14°05'00.0" LT.
R = 3,581.10'
L = 880.21' (CHORD DEF. L, PER FILE 16-69)
T= 442.31'

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999733

GRID MAINE 2000 WEST ZONE

DANIEL E. NASON
GAIL L. NASON
PARCEL NO. (10)
LAND TAKEN = 0.08± AC.
SLOPE EASE. = 935± S.F. (1)
TEMP. CONST. RIGHTS = 0.05± AC. (2)
TOTAL AREA = 3.50± AC. (PER PLAN)
REM. AREA = 3.42± AC.

DUANE LANGEVIN
PARCEL NO. (11)
LAND TAKEN = 1,275± S.F.
TOTAL AREA = 0.51± AC. (PER TOWN)
REM. AREA = 0.48± AC.

JAMES W. BOOTH

TEMPORARY CONSTRUCTION LIMITS
1,822± S.F.
198.17'
104'±
0.08± AC.
94'±
1,275± S.F.
129'±
SEE R/W REF. 1B
32'±
5'±
139'±
P.T. 701+21.65
SEE R/W REF. 1A
N80°31'40"E
880.21'
END B.L.
ROUTE 111 / ALFRED ROAD / STATE HIGHWAY "8"
TO BIDDEFORD
698 699 700 701 702 703 704
404.83'
680.07' (TOTAL)
275.24'
45°
50'
35'
30.6'±
25.4'±
18'±

MATTHEW J. HIGGINS
KENNETH W. DESROSIERS
NORMAND J. VOISINE
PATRICIA L. VOISINE
WARREN P. MEECH

BASELINE NOTE:
THE BASELINE SHOWN ON THIS PLAN IS THE SAME AS THE 1948 HISTORICAL ROUTE 111 BASELINE, AS SHOWN ON S.H.C. FILE 16-69. EQUATION STATIONS WERE ADDED IN ORDER TO FIT THE BASELINE WITH THE FOUND HIGHWAY MONUMENTS FROM 1948 PROJECT.

ADDITIONALLY, THE 2018 DESIGN BASELINE IS SLIGHTLY DIFFERENT FROM THE RIGHT OF WAY BASELINE. TIES TO THE DESIGN BASELINE ARE LISTED BELOW:

ROW EQ. STA. 654+50/654+52.50, 0.62' LT. = DESIGN STA. 1654+53.53
ROW EQ. STA. 667+48.61/PC 667+49.11, 1.06' RT. = DESIGN STA. 1667+49.64
ROW PT. STA. 675+40.79, 0.01' LT. = DESIGN STA. 1675+41.28
ROW EQ. STA. 680+99.50/681+00, 0.02' LT. = DESIGN STA. 1681+00.00
ROW STA. 686+00.00, 0.01' LT. = DESIGN STA. 1686+00.00
ROW EQ. STA. 692+40.64/PC 692+41.44 = DESIGN STA. 1692+40.64
ROW PT STA. 701+21.65, 0.21' RT. = DESIGN STA. 1701+20.89

EXISTING RIGHT OF WAY REFERENCES

ACQUISITIONS SHOWN ON THIS PLAN ARE DIMENSIONED FROM THE HISTORICAL 1948 BASELINE (S.H.C. FILE 16-69). SEE 'BASELINE NOTE' FOR ADDITIONAL INFORMATION.

1) ROUTE 111 (ALFRED ROAD)
   A) STATE OF MAINE - RIGHT OF WAY MAP
      STATE HIGHWAY "U"
      NORTH KENNEBUNKPORT, YORK COUNTY
      FEDERAL AID PROJECT NO. F 360 (1)
      DATED - JUNE 1948
      S.H.C. FILE NO. 16-69, SHEETS 5 & 6 OF 9
      YORK COUNTY REGISTRY OF DEEDS (Y.C.R.D.)
      PLAN BOOK 23, PAGES 12 TO 20
   B) YORK COUNTY COMMISSIONERS RECORDS
      VOLUME 16, PAGE 110 (1827)
      3.5 RODS WIDE (57.75') WIDE WITHIN PROJECT LOCUS
2) NEW ROAD (F.K.A. BURNHAM ROAD & LIMERICK ROAD)
   A) YORK COUNTY COMMISSIONERS RECORDS
      VOLUME 22, PAGE 275 (1871)
      3 RODS (49.5') WIDE
3) OLD ALFRED ROAD
   A) ARUNDEL TOWN RECORDS
      DATED MARCH 11, 1793
      3 RODS (49.5') WIDE
   B) PLAN SHOWING LAND SURVEYED FOR
      BARBARA HAM RAYMOND
      BY DOW & COULOMBE
      DATED FEBRUARY 13, 1979
      LAST REVISED MARCH 16, 2000
      3 RODS (49.5') WIDE

WIN 19002.00

ITEM	CHECKED	
EXISTING CONDITION PLAN	C.W.K.	J.H.
FINAL RIGHT OF WAY	N.T.A.	N.T.A.
AREAS	N.T.A.	J.H.

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

REVISIONS			
NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	10/1/18	17812	73

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

STATE HIGHWAY "8"
ROUTE 111 \ ALFRED ROAD
ARUNDEL YORK COUNTY
FEDERAL AID PROJECT NO. STP-1900(200)X PART II

MAY 2018	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 16-519
SCALE 1" = 25'	SHEET 3 OF 4	

SHEET NUMBER
49
OF 50

Filename: ...\00\ROW\MSTA\050_RWPLAN4.dgn Division: ROW Username: Nicholas.Acheson Date:12/4/2018

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 CLL	Sanitary Sewer	S	Traveled Way	
Existing Right of Way		Trees Conifer / Deciduous		Telephone Line	T	Ditch	
Limits of Wrought Portion	L.O.W.P.	Tree Line / Bush Line		Electric Line	E	Catch Basin	
Control Of Access	C.O.A.	Water Edge		Water Line	W	Manhole	
New Right of Way		Ledge / Rock/Boulder / Flag Pole		Underdrain Line		Sewer Manhole	
New Easement		Fence CHAIN LINK / BARB WIRE / STOCKADE		Gas Line	G	Utility Pole	
New Temporary Rights		Sign / Well / Mailbox		Guardrail		Fire Hydrant	
New R/W Within Existing R/W				Culvert		Curbing	

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

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h _____m _____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

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

STA. 692+21.01 = STA. 14+00.00
S85°56'20"E 740.64'
PT 13+75.54
N15°27'39.8"E 24.46'
ROUTE 111 / ALFRED ROAD / STATE HIGHWAY "8"
880.21'
TO BIDDEFORD
TO 95

STANDARD BOUNDARY SURVEY FOR H.A. MAPES, INC.
BY CORNER POST LAND SURVEYING
DATED - SEPTEMBER 14, 1995
UNRECORDED

APPROXIMATE SEPTIC LOCATION (PER POR & PROPOSED SITE PLAN)

DRAINAGE STRUCTURE
STA. 691+05 TO STA. 691+25 RT.

DANIEL J. ST. OURS
PARCEL NO. (5)
LAND TAKEN = 0.08± AC.
DRAINAGE EASE. = 1,330± S.F. (1)
TEMP. CONST. RIGHTS = 0.09± AC. (2)
TOTAL AREA = 0.81± AC. (PLAN)
REM. AREA = 0.73± AC.

CURVE DATA
PI = 12+84.07
D = 11°27'33.0"
Δ = 21°12'33.5" Lt.
R = 500.00'
L = 185.09'
T = 93.61'
E = 8.69'

PLAN OF LAND OF RICHARD L. TASCHEREAU AND PHILIP A. TASCHEREAU
BY DESROBERTS & HENRY, INC.
DATED - OCTOBER 15, 1975
Y.C.R.D. PLAN BOOK 76, PAGE 20

BERNARD P. VALLIERE
PARCEL NO. (12)
LAND TAKEN = 633± S.F.
TEMP. CONST. RIGHTS = 831± S.F. (1)
TOTAL AREA = 0.92± AC. (PLAN)
REM. AREA = 0.91± AC.

CURVE DATA
PI = 12+84.07
D = 11°27'33.0"
Δ = 21°12'33.5" Lt.
R = 500.00'
L = 185.09'
T = 93.61'
E = 8.69'

CURVE DATA
PI = 12+84.07
D = 11°27'33.0"
Δ = 21°12'33.5" Lt.
R = 500.00'
L = 185.09'
T = 93.61'
E = 8.69'

ROLAND P. GAGNE, TRUSTEE
OF THE GAGNE FAMILY TRUST
ITEM NO. (7)
TEMP. CONST. RIGHTS = 206± S.F. (1)
TOTAL AREA = 0.19± AC. (TOWN)

HRE ARUNDEL LLC
ITEM NO. (9)
TEMP. CONST. RIGHTS = 1,081± S.F. (2)
TOTAL AREA = 0.48± AC. (TOWN)

LIMITED SITE PLAN PREPARED FOR
ARTHUR GALLANT & TRI-TOWN FUELS
UNRECORDED

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

THERESE L. DESCHAMBAULT

ANDRE R. DES
THERESE L. D

REMOVE BUILDING

NOTE: RIGHTS TAKEN TO RAZE AND/OR REMOVE BUILDING AT STA. 21+30± RT.

(PART I)
ROBERT A. MASKELL
PARCEL NO. (1)
LAND TAKEN = 0.28± AC.
TEMP. CONST. RIGHTS = 0.18± AC. (1)
BUILDINGS = (1)
TOTAL AREA = 2.33± AC. (CALC.)
REM. AREA = 2.05± AC.

CURVE DATA #1
PI = 22+28.10
D = 19°05'54.9"
41#64 = 33°22'29.6" Rt.
R = 300.00'
L = 174.75'
T = 89.93'
E = 13.19'

CURVE DATA #2
PI = 24+37.13
D = 0°34'22.6"
41#64 = 1°25'24.0" Rt.
R = 10000.00'
L = 248.42'
T = 124.22'
E = 0.77'

ETTA R. RAMSAY
PARCEL NO. (13)
LAND TAKEN = 503± S.F.
TOTAL AREA = 0.58± AC. (DEED & PLAN)
REM. AREA = 0.57± AC.

CHAD DIONNE
MICHELLE DIONNE

DOUGLAS L. WORTHING
CYNTHIA L. WORTHING

SEE UTILITY EASEMENT CONVEYED BY FLORIAN & JOAN VALCOURT TO C.M.P. CO. DATED 9/22/1975, Y.C.R.D. BOOK 2104, PAGE 265 (FROM POLE J2 TO POLE 2.1)

PLAN SHOWING LAND SURVEYED FOR FLORIEN VALCOURT
BY DOW & COULOMBE, INC.
DATED - MARCH 14, 1975

NEW ROAD (TOWN WAY) (F.K.A. BURNHAM ROAD & LIMERICK ROAD)
TO LIMERICK ROAD
OLD ALFRED ROAD (TOWN WAY)
TO MOUNTAIN ROAD

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

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999733
GRID MAINE 2000 WEST ZONE

SEE SHEET 1 OR 3 FOR EXISTING RIGHT OF WAY REFERENCES & NOTES

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	J.H.
AREAS	J.H.
TECH	N.T.A. / N.T.A. / N.T.A.

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK ____ PAGE ____ COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
	PART 1	COND.	6/13/17	17492	492
		COND.	10/1/18	17812	73

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

STATE HIGHWAY "8"
ROUTE 111 / ALFRED ROAD / NEW ROAD / OLD ALFED ROAD
ARUNDEL YORK COUNTY
FEDERAL AID PROJECT NO. STP-1900(200)X, PART I & II

MAY 2017 & MAY 2018 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 16-519
SCALE 1"= 25' | SHEET 4 OF 4

SHEET NUMBER
50
OF 50

WIN 19002.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

PLAN LEGEND

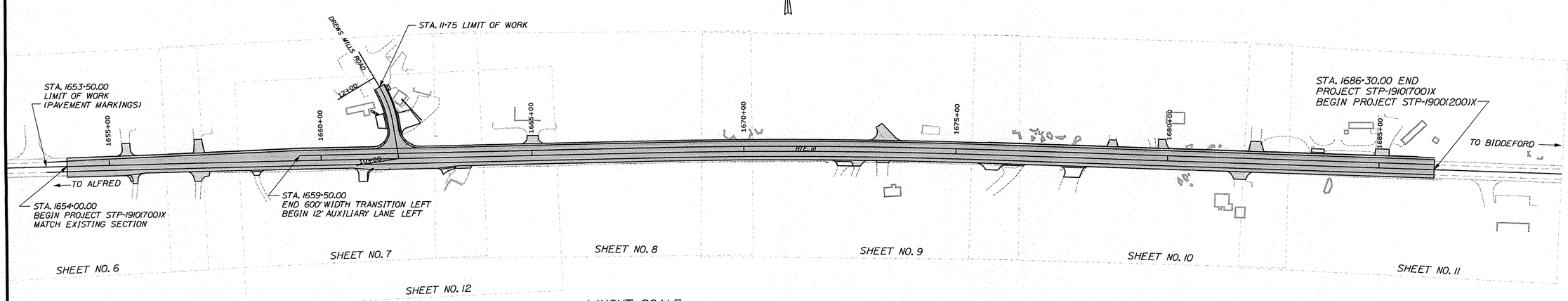
Town, County, State		Centerline-Existing	
Property Lines		Centerline-Proposed	10+00
R/W Lines-Existing		Travelway-Existing	
R/W Lines-Proposed		Travelway-Proposed	
Culvert-Existing		Railroad	
Culvert Proposed		Catch Basins	Existing ■ Proposed
Curbing	Existing Proposed	Manholes	Existing ● Proposed
Type 1		Proposed Underdrain	
Type 3		Proposed Ditch	
Type 5		Existing Ditch	
Outline of Bodies of Water		Utility Poles	Existing ♦ Proposed
Exposed Bedrock		Fire Hydrants	Existing ◆ Proposed
Buildings		Existing Water Line	W
Trees	Conifer Deciduous	Existing San. Sewer	
Tree Line		Existing San. Sewer Manhole	
Clearing Limit Line	CLL CLL	Guardrail-Existing	
Probe	P-#.#X	Guardrail-Proposed	
	#.# = Depth	Guardrail-Cable, Other	
	X = W (Weathered Rock)	Boring	HB-XXX-###
	R (Refusal)	Pavement Core	PC-#
	NR (No Refusal)	Test Pit	TP-XXX-###

ARUNDEL
YORK COUNTY
RTE 111

STATE PROJECT WIN 19107.00
PROJECT LENGTH : 0.612 MILE

INDEX OF SHEETS

Description	Sheet No.
Title Sheet	1
Typical Sections	2
Estimated Quantities	3
Drainage Sheet	4
General Notes	5
Plan / Profile	6 - 12
Cross - Sections	13 - 74
Right of Way Map	75 - 79



LAYOUT SCALE

125' 0 125' 250'

Scale in Feet

TRAFFIC DATA

	Rte. 111
Current (2018) AADT	17360
Future (2038) AADT	20830
DHV - % of AADT	10%
Design Hour Volume	1964
% Heavy Trucks (AADT)	6%
% Heavy Trucks (DHV)	3%
Directional Distribution (DHV)	69%
18 kip Equivalent P 2.0	495
18 kip Equivalent P 2.5	472
Design Speed (mph)	50/40
Corridor Priority:	1
Functional Class:	Principal Arterial

PROJECT LOCATION:	BEGINNING APPROXIMATELY 0.15 MILE WEST OF DREWS MILLS RD. AND EXTENDING EASTERLY 0.612 MILE.
PROGRAM AREA:	HIGHWAY PROGRAM
SCOPE OF WORK:	HIGHWAY REHABILITATION WILL CONSTRUCT PASSING LANE ON NORTHERLY SIDE OF RTE. 111. MILL AND FILL EXISTING 24 FT. TRAVELWAY.

WIN 19107.00 STATE PROJECT 19107.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
APPROVED DATE
COMMISSIONER: 11/30/18
CHIEF ENGINEER: 11-30-18

ALBERT L. GUDROZ No. 4226 LICENSED PROFESSIONAL ENGINEER STATE OF MAINE

SIGNATURE 4226
P.E. NUMBER 11/13/2018
DATE

PROJECT INFORMATION

PROGRAM	HIGHWAY
PROJECT MANAGER	E. MARTIN
DESIGNER	M.MORIN
CONSULTANT	TERRA MAGNA SERVICES, INC.
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

ARUNDEL
RTE 111

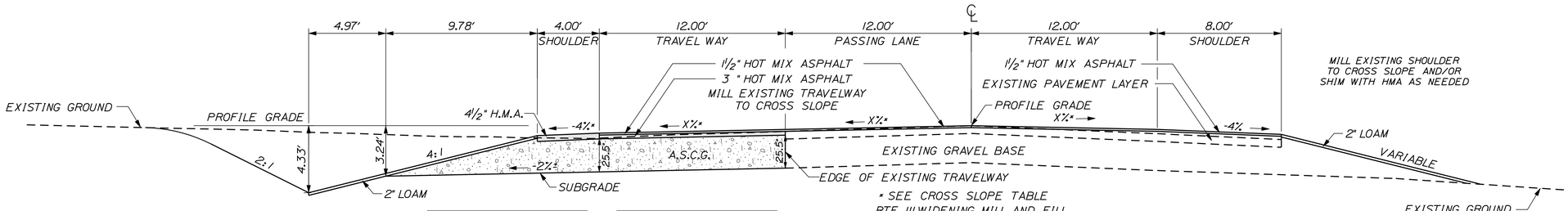
TITLE SHEET

SHEET NUMBER
1
OF 79

Date:11/13/2018
Username: morin
Division: HIGHWAY
Filename: ...\001_Title_01.dgn

FULL CONSTRUCTION AND MILL & FILL

(MILL EXISTING PAVEMENT TO CROSS SLOPE FROM THE PROPOSED PROFILE GRADE)

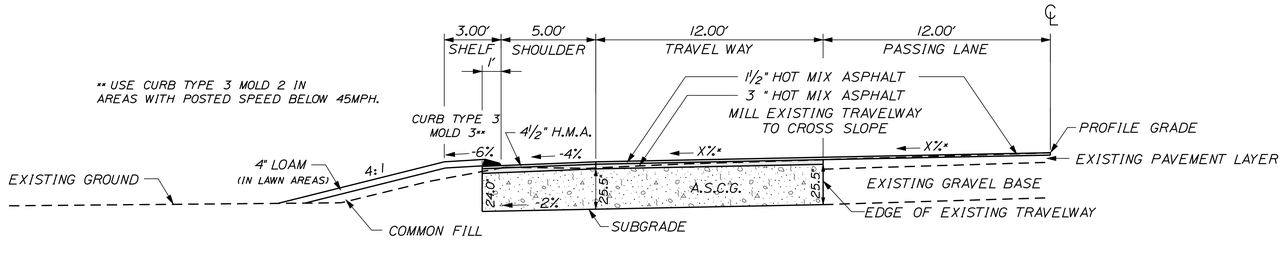


CROSS SLOPE TABLE	
LEFT SIDE TRAVELWAY AND PASSING LANE	
STATION TO STATION	CROSS SLOPE
1653+50 TO 1670+50	-2.0%
1670+75 TO 1682+00	-2.5%
1682+25 TO 1686+30	-3.0%
RIGHT SIDE TRAVELWAY	
STATION TO STATION	CROSS SLOPE
1653+50 TO 1655+25	-2.5%
1655+50 TO 1676+50	-3.0%
1676+75 TO 1685+50	-2.5%
1685+75 TO 1686+30	-3.0%
LEFT SIDE SHOULDER*	
STATION TO STATION	CROSS SLOPE
1661+25 TO 1662+50	-2.0%

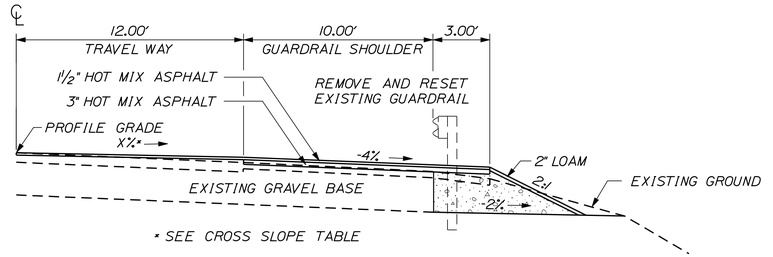
* ALL PROPOSED SHOULDER CROSS SLOPES ARE -4.0% UNLESS OTHERWISE NOTED.

AGGREGATE SUBBASE COURSE- GRAVEL
4' NORMAL SHOULDER 71.48 CY/100LF
STA. 1662+35 TO STA. 1664+12 LT
STA. 1665+69 TO STA. 1675+50 LT
STA. 1686+15 TO STA. 1686+30 LT

AGGREGATE SUBBASE COURSE- GRAVEL
12' TRAVEL WAY 94.44 CY/100LF
STA. 1659+50 TO STA. 1686+30 LT

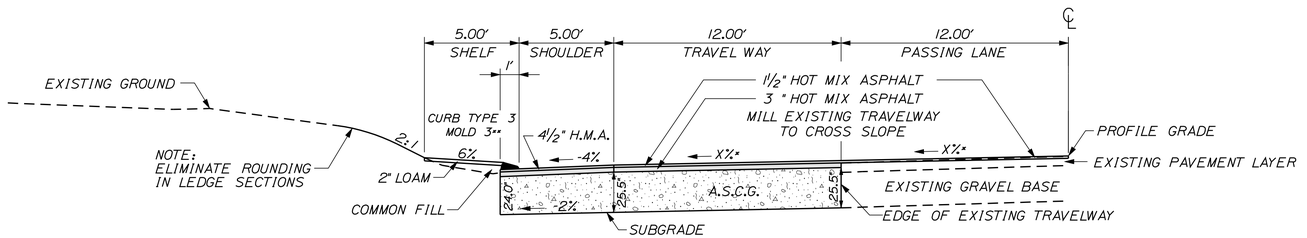


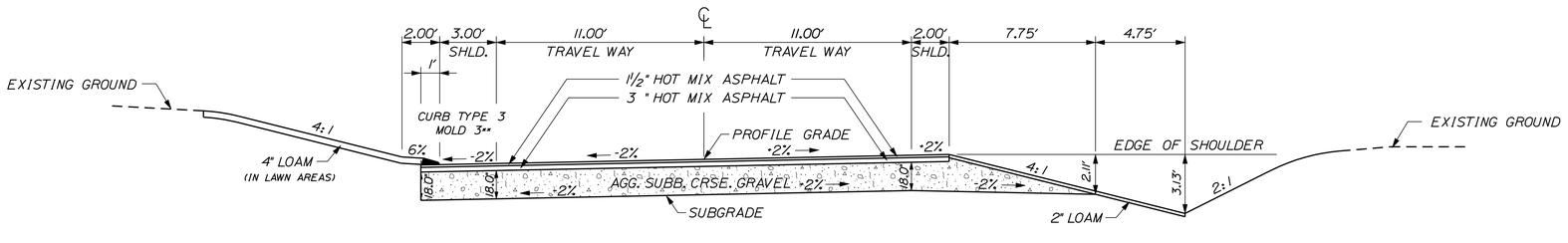
AGGREGATE SUBBASE COURSE- GRAVEL
5' CURBED SHOULDER 45.89 CY/100LF
STA. 1659+50 TO STA. 1661+25 LT
STA. 1664+37 TO STA. 1665+44 LT
STA. 1675+75 TO STA. 1685+90 LT



RTE. III MILL AND FILL
13' GUARDRAIL SHOULDER

AGGREGATE SUBBASE COURSE- GRAVEL
3' GR SHOULDER RECONST. 45.89 CY/100LF
STA. 1654+00 TO STA. 1655+35 RT
STA. 1660+87 TO STA. 1662+75 RT





DREWS MILLS ROAD

AGGREGATE SUBBASE COURSE- GRAVEL
3' CURBED SHOULDER 22.22 CY/100LF
STA. 101+70 TO STA. 111+75 LT.

AGGREGATE SUBBASE COURSE- GRAVEL
22' TRAVEL WAY 122.22 CY/100LF
STA. 101+70 TO STA. 111+75

AGGREGATE SUBBASE COURSE- GRAVEL
2' SHOULDER 36.89 CY/100LF
STA. 101+70 TO STA. 111+75 RT.

NOTE:
STA. 1654+00 TO STA. 1655+41 RT.
STA. 1659+80 TO STA. 1662+75 RT.
REMOVE EXISTING SHOULDER PAVEMENT. PAYMENT SHALL BE MADE UNDER ITEM 203.20 COMMON EXCAVATION. SHIM TO CROSS SLOPE, AS NEEDED, WITH AGGREGATE MEETING THE REQUIREMENTS OF SECTION 703.06 TYPE A. ANY SHIM REQUIRED SHALL BE INCIDENTAL TO ITEM 304.10. A.S.C.G. BOX CUT FROM FACE OF EXISTING GUARDRAIL AND REBASE WITH 25½" A.S.C.G. PAVE WITH 4½" HOT MIX ASPHALT.

NOTES:

1. THE PAVEMENT, BASE, AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER'S PAVEMENT SHALL HAVE THE SAME CROSS SLOPE AS THE TRAVEL WAY.
3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. EXCEPT WHERE NOTED, THE GRAVEL QUANTITY CALCULATION IS BASED ON 2" LOAM. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
5. THE ALGEBRAIC DIFFERENCE BETWEEN SHOULDER AND TRAVEL LANE CROSS SLOPE'S "ROLLOVER" SHALL NOT EXCEED 8%.
6. THE STATION SHOWN UNDER EACH TYPICAL IS APPROXIMATE.
7. HMA = HOT MIX ASPHALT
   A.S.C.G. = AGGREGATE SUBBASE COURSE- GRAVEL
   C.O. = CURB OFFSET
8. USE CURB TYPE 3, MOLD 3 IN AREAS WITH A POSTED SPEED 45 MPH OR ABOVE.

NOT TO SCALE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	DATE	
DESIGN- DETAILED	MSM	BY	2017
CHECKED- REVIEWED	ALC		9/18
DESIGN2- DETAILED2			
DESIGN3- DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

TYPICAL SECTIONS

SHEET NUMBER
2
OF 79

Date:11/13/2018
Username: morin
Division: HIGHWAY
Filename: ...\002_Typical.dgn

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	QUANTITY	UNIT
201.23	REMOVING SINGLE TREE TOP ONLY	3	EACH
201.24	REMOVING STUMP	3	EACH
202.08	REMOVING BUILDING NO. 1	1	LS
202.202	REMOVING PAVEMENT SURFACE	11,010	SY
203.20	COMMON EXCAVATION	7,900	CY
203.21	ROCK EXCAVATION	800	CY
203.25	GRANULAR BORROW	100	CY
206.061	STRUCT EARTH EXC-DRAIN & MINOR STRUCT-BELOW GRADE	100	CY
206.07	STRUCT ROCK EXCAVATION - DR & MINOR STR	300	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	5,900	CY
403.2081	12.5mm POLYMER MODIFIED HMA	1,520	TON
403.209	HOT MIX ASPHALT, 19.5mm SW, DRIVES, INC.	140	TON
403.211	HOT MIX ASPHALT (SHIM)	260	TON
403.213	HOT MIX ASPHALT, 12.5mm BASE	1,290	TON
409.15	BITUMINOUS TACK COAT - APPLIED	1,100	GAL
603.159	12" CULVERT PIPE OPTION III	8	LF
603.16	15" CULVERT PIPE OPTION I	268	LF
603.169	15" CULVERT PIPE OPTION III	32	LF
603.175	18" REINFORCED CONCRETE PIPE CLS III	88	LF
603.179	18" CULVERT PIPE OPTION III	16	LF
603.199	24" CULVERT PIPE OPTION III	44	LF
603.55	CONCRETE PIPE TIES	6	GRP
603.7418	REMOVE AND RELAY 18" CONC PIPE	60	LF
604.092	CATCH BASIN TYPE BI-C	5	EACH
604.244	CATCH BASIN TYPE F4	1	EACH
605.09	6" UNDERDRAIN, TYPE 'B'	960	LF
605.11	12" UNDERDRAIN TYPE 'C'	270	LF
605.15	24" UNDERDRAIN TYPE 'C'	400	LF
606.178	GUARDRAIL BEAM	50	LF
606.23	GUARDRAIL TYPE 3C - SINGLE RAIL	37.5	LF
606.231	GUARDRAIL TYPE 3C - 15FT RADIUS AND LESS	25	LF
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	6	EACH
606.356	UNDERDRAIN DELINEATOR POST	2	EACH
606.366	GUARDRAIL REMOVED AND RESET, TYPE 3C	300	LF
606.47	SINGLE WOOD POST	4	EACH
606.51	MULTIPLE MAILBOX SUPPORT	3	EACH
606.78	LOW VOLUME GUARDRAIL END - TYPE 3	1	EACH
609.1101	SPECIAL GRANITE CURB - 48"	16	LF
609.31	CURB TYPE 3	1,450	LF
610.08	PLAIN RIPRAP	60	CY
613.319	EROSION CONTROL BLANKET	800	SY
615.07	LOAM	550	CY
618.13	SEEDING METHOD 1	10	UNITS
618.14	SEEDING METHOD 2	68	UNITS
619.12	MULCH	78	UNITS
620.58	EROSION CONTROL GEOTEXTILE	120	SY
627.733	4" WHITE OR YELLOW PAINTED PVMT MARKING LINE	12,700	LF
627.78	TEMPORARY PVMT. MARK LINE, WHITE OR YELLOW	17,900	LF
629.05	HAND LABOR, STRAIGHT TIME	20	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	20	HR
631.172	TRUCK - LARGE (INCLUDING OPERATOR)	20	HR
631.18	CHAIN SAW RENTAL (INCLUDING OPERATOR)	5	HR
631.20	STUMP CHIPPER (INCLUDING OPERATOR)	5	HR
631.22	FRONT END LOADER	20	HR
631.32	CULVERT CLEANER	10	HR
639.18	FIELD OFFICE TYPE A	1	EACH
645.106	DEMOUNT REG, WRNG, CONF & RTE MARKER SIGN	8	EACH
645.116	REINSTALL REG WRNG CONF RTE SIGNS	8	EACH
645.292	REG., WRNG., CONF. AND RTE. MARKER SIGNS TYPE II	14	SF
652.33	DRUM	200	EACH
652.34	CONE	200	EACH
652.35	CONSTRUCTION SIGNS	600	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	150	CD
652.38	FLAGGER	5,000	HR
652.41	PORTABLE - CHANGEABLE MESSAGE SIGN	2	EACH
656.75	TEMPORARY SOIL EROSION AND WATER POLL. CONT. PLAN	1	LS
659.10	MOBILIZATION	1	LS
801.16	6" PVC SANITARY SEWER (SDR-35)	50	LF

SUMMARY OF EXCAVATION AND BORROW

COMMON EXCAVATION FOR ESTIMATE
- COMMON EXCAVATION_RTE. 111 (FROM SECTIONS) 6,778 CY
- COMMON EXCAVATION_DREWS MILLS RD. (FROM SECTIONS) 882 CY
- EARTH FROM DRIVES, OLD ROAD, ETC. (incl. in com. exc. from sections) 0 CY
- GRUBBING IN FILL 141 CY

TOTAL COMMON EXCAVATION 7,801 CY

FILL FOR BORROW CALCULATIONS
- COMMON FILL _ RTE. 111 (FROM SECTIONS) 412 CY
- GRUBBING IN FILL 141 CY

TOTAL FILL 553 CY

ROCK EXCAVATION FOR ESTIMATE
- ROCK EXCAVATION 795 CY

TOTAL ROCK EXCAVATION 795 CY

AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS
- (1) TOTAL COMMON EXCAVATION 7,801 CY
- DEDUCTIONS:
  - GRUBBING IN CUT 780 CY
  - GRUBBING IN FILL 141 CY
  - PAVEMENT IN COMMON EXCAVATION 323 CY
  - PAVEMENT OUTSIDE OF SECTIONS 0 CY
- (2) TOTAL DEDUCTIONS 1,244 CY

TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2) 6,557 CY
TOTAL AVAILABLE STRUCT. EXC. (USUALLY UD ONLY) 244 CY
TOTAL AVAILABLE NON-ROCK EXCAVATION 6,801 CY

COMPUTATION OF WASTE STORAGE AND WASTE MATERIAL
- TOTAL AVAIL. WASTE STORAGE AREA (FROM CROSS SECTIONS) 0 CY
- TOTAL WASTE MATERIAL TO BE UTILIZED 0 CY
- TOTAL WASTE MATERIAL TO BE WASTED 1,244 CY

COMPUTATION FOR COMMON BORROW FOR ESTIMATE
- (3) TOTAL FILL 553 CY
- TOTAL AVAIL. NON-ROCK EXCAV. 6,801 x 0.90 = 6,121 CY
- TOTAL AVAIL. ROCK EXCAV. 795 x 1.30 = 1,034 CY
- TOTAL AVAIL. STR. ROCK EXCAV. 263 x 1.30 = 342 CY
- (4) TOTAL AVAILABLE EXCAVATION = 7,497 CY

IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION MINUS TOTAL FILL, PLUS TOTAL WASTE MATERIAL TO BE WASTED 8,188 CY

SURPLUS MATERIAL = 8,188 CY

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/14/2018

DATE

ARUNDEL
RTE 111

ESTIMATED QUANTITIES

SHEET NUMBER
3
OF 79

Filename: ...\003_Estimate.dgn Division: HIGHWAY Username: common Date:11/14/2018

STATION	CULVERT PIPE											CATCH BASIN					PIPE ARCH			MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			CMP		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	SIZE	LENGTH	A1-C	B1-C	B1	A5-C	F4	SPAN	RISE	LENGTH		LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH		
CULVERT PIPE																												
STA. 1655+18.1, 39.3' LT TO STA. 1655+62.0, 37.4' LT						15"	44'																					
STA. 1655+41.9, 32.6' RT TO STA. 1655+73.7, 30.9' RT						15"	32'																					
STA. 10+53.2, 30.1' RT TO STA. 11+17.5, 25.5' RT						15"	68'																					
STA. 1664+74.5, 42.0' LT TO STA. 1665+30.5, 42.0' LT						15"	56'																					
STA. 1672+97.5, 42.8' LT TO STA. 1673+65.5, 42.8' LT						15"	68'																					
STA. 1679+56.9, 29.0' LT TO STA. 1679+56.9, 37.0' LT								12"	8'																			
STA. 1656+27.2, 37.0' LT TO STA. 1656+56.2, 23.5' LT								15"	32'																			*OUTLET PIPE*
STA. 1666+94.98, 44.8' RT TO STA. 1666+94.53, 45.2' LT	18"	88'	III																									
STA. 1681+84.0, 29.9' LT TO STA. 1681+87.2, 44.5' LT								18"	16'																			*INLET STUB PIPE*
STA. 1662+74.0, 42.8' LT TO STA. 1662+74.0, 54.8' LT								24"	12'																			*EXTENSION*
STA. 1662+74.2, 42.2' RT TO STA. 1662+74.2, 46.2' RT								24"	4'																			*EXTENSION*
STA. 1685+83.7, 28.5' LT TO STA. 1686+07.9, 42.7' LT								24"	28'																			
STA. 1679+56.9, 26.0' LT TO STA. 1679+58.5, 34.0' RT																												*REMOVE AND RELAY 18" X 60' CONC. PIPE*
CATCH BASINS																												
① *STA. 1656+58.0 LT*													1															
② *STA. 1659+25.0 LT*													1															
④ *STA. 1679+56.9 LT*													1															*FLAT TOP*
⑤ *STA. 1679+56.9, 38.10 LT*																1												
⑥ *STA. 1681+83.71 LT*													1															
⑦ *STA. 1685+82.0 LT*													1															
UNDERDRAIN																												
STA. 1659+27.00 LT TO STA. 11+71.50 LT																					353'							
STA. 1675+75.00 LT TO STA. 1679+54.90 LT																					380'							
STA. 1679+60.00 LT TO STA. 1681+81.71 LT																					222'							
STA. 1656+60.00 LT TO STA. 1659+23.00 LT																							12"	263'				
STA. 1681+85.71 LT TO STA. 1685+80.00 LT																							24"	394'				

NOTE: ALL PROPOSED OPTION III CULVERT PIPE AND TYPE C UNDERDRAIN SHALL BE SMOOTHLINED ONLY.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE 4226

P.E. NUMBER

11/13/2018

DATE

ARUNDEL
RTE 111

DRAINAGE SHEET

SHEET NUMBER

4

OF 79

Date:11/13/2018 Username: morin Division: HIGHWAY Filename: ...\004_Drainage.dgn

GENERAL NOTES

1. CONSTRUCT BUTT JOINTS AT ALL PAVED DRIVES AND ENTRANCES NOTED TO BE OVERLAID. BUTT JOINTS SHALL HAVE A MINIMUM WIDTH OF 18" OR AS DIRECTED BY THE RESIDENT.

2. A TEMPORARY RAMP SHALL BE CONSTRUCTED WITH HMA AT THE ENDS OF THE ROADWAY SECTION PAVED OR MILLED EACH DAY. THE USES OF MILLINGS OR RAP WILL NOT BE ALLOWED. BUT COLD PATCH MAY BE TEMPORARILY UTILIZED UNTIL HMA PLANTS ARE OPEN FOR THE SEASON. FOR INTERSTATE HIGHWAYS OR ROADWAYS WITH SPEED LIMITS EQUALING OR EXCEEDING 50 MPH, TEMPORARY RAMPS SHALL BE CONSTRUCTED AT A LENGTH OF EIGHT FEET PER INCH OF TRANSITION DEPTH. FOR ALL OTHER ROADWAYS WITH SPEED LIMITS LESS THAN 50 MPH, TEMPORARY RAMPS SHALL BE CONSTRUCTED AT A LENGTH OF FOUR FEET PER INCH OF TRANSITION DEPTH. MATERIALS, PLACEMENT, MAINTENANCE, AND REMOVAL SHALL BE INCIDENTAL TO CONTRACT ITEMS.

3. CLEARING LIMITS SHALL BE 10' BEYOND AND PARALLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT. CLEARING SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT AND NO SEPARATE PAYMENT WILL BE MADE.

4. STUMPS HAVE BEEN ESTIMATED TO BE REMOVED UNDER ITEM 201.24 REMOVE STUMP. HOWEVER, WHERE DIRECTED BY THE RESIDENT, ITEM 631.20 STUMP CHIPPER (INCLUDING OPERATOR) MAY BE USED TO REMOVE STUMPS.

5. GRUBBING IN FILL AREAS HAS BEEN SHOWN ON THE CROSS SECTIONS AND THE QUANTITIES NOTED. THESE LIMITS ARE APPROXIMATE AND HAVE BEEN USED FOR ESTIMATING PURPOSES ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT.

6. PRIOR TO REMOVING ANY PAVEMENT OR PLACING ANY SHIM PAVEMENT, THE ROADWAY WILL BE INSPECTED FOR POSSIBLE SUBSURFACE BOULDERS, WHICH WILL BE REMOVED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER APPROPRIATE CONTRACT RENTAL ITEMS. BACKFILL WILL BE PLACED TO SUBGRADE WITH MATERIAL CONSISTENT WITH THE SURROUNDING MATERIAL. AGGREGATE SUBBASE COURSE GRAVEL WILL BE PLACED FROM SUBGRADE TO FINISH GRADE AND WILL BE PAID UNDER THE APPROPRIATE ITEM.

7. WHERE DEEMED NECESSARY BY THE RESIDENT, UNSUITABLE EXCESS MATERIAL SHALL BE REMOVED FROM THE EDGES OF SHOULDERS AND PLACED IN DESIGNATED AREAS OR DISPOSED OF. PAYMENT WILL BE MADE UNDER THE APPROPRIATE CONTRACT ITEMS.

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 THEIR WORK ACCORDINGLY SO THAT UPON FINAL COMPLETION OF THE PROJECT THERE IS NO DROP OFF FROM THE EDGE OF SHOULDER PAVEMENT.

10. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES 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. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19 AND WILL PAID FOR AS GRANULAR BORROW.

14. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1' ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19.

15. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 2" HOT MIX ASPHALT AND 12" AGGREGATE SUBBASE COURSE GRAVEL.

16. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH: 3" HOT MIX ASPHALT AND 11" AGGREGATE SUBBASE COURSE GRAVEL.

17. GRAVEL ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE SUBBASE COURSE GRAVEL OR 11" AGGREGATE SUBBASE COURSE GRAVEL AND 3" UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT. PAYMENT FOR AGGREGATE WILL BE MADE UNDER ITEM 304.10.

18. GRASSED ENTRANCES SHALL BE CONSTRUCTED WITH 12" AGGREGATE SUBBASE COURSE GRAVEL AND 2" LOAM, SEED & MULCH UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

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

20. ALL PAVED WALKS TO BE CONSTRUCTED WITH 12" AGGREGATE SUBBASE COURSE-GRAVEL AND 2" HOT MIX ASPHALT UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

21. 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.

22. ALL EXISTING PAVED SHOULDERS AND WIDENINGS TO BE RESURFACED AS DIRECTED BY THE RESIDENT.

23. WHEN SUPER ELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE SHOULDER PAVEMENT WILL HAVE SAME SLOPE AS TRAVELED WAY.

24. PRIOR TO SURFACE PAVING, EXISTING CULVERTS AND CATCH BASINS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATOR).

25. GRANULAR BORROW USED UNDER PIPES SHALL MEET THE REQUIREMENTS FOR MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19.

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

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

28. THE CULVERT SIZES SHOWN ON THE PLANS AND CROSS SECTIONS ARE FOR SMOOTHLINED PIPES.

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

30. PLASTIC END CAPS SHALL BE USED ON ALL DEAD-END 6-INCH TYPE B UNDERDRAIN AND SHALL BE CONSIDERED INCIDENTAL.

31. 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 ITEM 604.

32. GUARDRAIL END TREATMENTS SHALL BE INSTALLED CONCURRENTLY WITH THE PLACEMENT OF EACH SECTION OF BEAM GUARDRAIL.

33. ALL EXISTING GUARDRAIL WHICH IS REMOVED AND NOT REUSED ON THE PROJECT SHALL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.

34. TWO REFLECTORIZED FLEXIBLE G.R. MARKERS (ITEM 606.353) WILL BE INSTALLED AT EACH GUARDRAIL END.

35. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT EACH UNDERDRAIN OUTLET.

36. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL WILL BE CONSIDERED INCIDENTAL TO ITEM 606.

37. 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.

38. 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.

39. 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.

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 ITEM 627.78.

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 MADE UNDER THE APPROPRIATE RENTAL ITEMS.

42. 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.

43. AREAS REQUIRING FILL ON THE PROJECT WILL COME FROM SUITABLE EXCAVATION FROM EXCAVATION, DITCH AND INSLOPE OR EQUIPMENT RENTAL AREAS.

44. 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.

45. 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.

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

47. 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.

48. THE CONTRACTOR WILL PLACE APPROPRIATELY MARKED STAKES AT THE FOLLOWING LOCATIONS ON THE PROJECT: STRIPING PATTERN CHANGES, CROSS-SLOPE CHANGES, AND EVERY 500' FOR STATIONING. THE CONTRACTOR WILL PAINT EVERY FULL STATION (100') 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.

49. DEMOUNTING OF WOOD AND U-CHANNEL POSTS UNDER ITEM 645.106 WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE DEMOUNTING OF THE SIGNS THEY SUPPORTED. POSTS THAT ARE DAMAGED BY THE CONTRACTOR AND THAT ARE DESIGNATED TO BE REINSTALLED SHALL BE REPLACED BY THE CONTRACTOR WITH NEW POSTS CONFORMING TO THE APPLICABLE SPECIFICATIONS AT NO ADDITIONAL COST TO THE STATE.

50. REINSTALLING WOOD AND U-CHANNEL POSTS FOR ITEM 645.116 WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE REINSTALLING OF THE SIGNS THEY SUPPORT. FURNISHING AND INSTALLING NEW WOOD AND U-CHANNEL POSTS FOR ITEM 645.116 WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE REINSTALLING OF THE SIGNS THEY SUPPORT. EARTH EXCAVATION AND BACKFILLING, FURNISHING AND PLACING ASSEMBLY HARDWARE, BACKFILLING MATERIAL, LOAM, SEED, AND OTHER INCIDENTALS NECESSARY FOR THE INSTALLATION OF THE POSTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE COST OF THE SIGNS THEY SUPPORT.

51. A MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) ENVIRONMENTAL OFFICE INVESTIGATION SPECIFIC TO THIS PROJECT ENCOUNTERED DATA SUGGESTING PETROLEUM RELATED CONTAMINATION MAY BE PRESENT WITHIN THE PROJECT LIMITS. THE CONTRACTOR SHALL EMPLOY APPROPRIATE HEALTH AND SAFETY MEASURES TO PROTECT ITS WORKERS AGAINST HAZARDS ASSOCIATED WITH WORKING NEAR PETROLEUM-IMPACTED SOILS. FURTHERMORE, THE CONTRACTOR SHALL REMAIN ALERT FOR ANY ADDITIONAL EVIDENCE OF CONTAMINATION. IF THE CONTRACTOR ENCOUNTERS EVIDENCE OF SOIL OR GROUNDWATER CONTAMINATION, THE CONTRACTOR SHALL SECURE THE EXCAVATION, STOP WORK IN THE CONTAMINATED AREA, AND IMMEDIATELY NOTIFY THE RESIDENT. THE RESIDENT SHALL CONTACT THE HYDROGEOLOGIST IN MAINEDOT'S ENVIRONMENTAL OFFICE AT 207-624-3100 AND THE MAINE DEPARTMENT OF ENVIRONMENTAL PROTECTION AT 800-482-0777. WORK MAY ONLY CONTINUE WITH AUTHORIZATION FROM THE RESIDENT.

52. THE PROJECT GEOTECHNICAL REPORT TITLED: GEOTECHNICAL INVESTIGATION AND DATA REPORT ROUTE 111 PASSING LANE, SOILS REPORT 2016-12C, APRIL 2016 CAN BE ACCESSED AT THE MAINEDOT WEBSITE.

53. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THIS PLAN SET IS FOR THE USE OF THE BIDDERS AND THE CONTRACTOR. NO ASSURANCE IS GIVEN THAT THE INFORMATION OR INTERPRETATIONS WILL BE REPRESENTATIVE OF ACTUAL SUBSURFACE CONDITONS AT THE CONSTRUCTION SITE. MAINEDOT SHALL NOT BE RESPONSIBLE FOR THE BIDDER'S OR CONTRACTOR'S INTERPRETATIONS OF OR CONCLUSIONS DRAWN FROM THE GEOTECHNICAL INFORMATION. THE BORING LOGS CONTAINED IN THE PLAN SET PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	E.MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

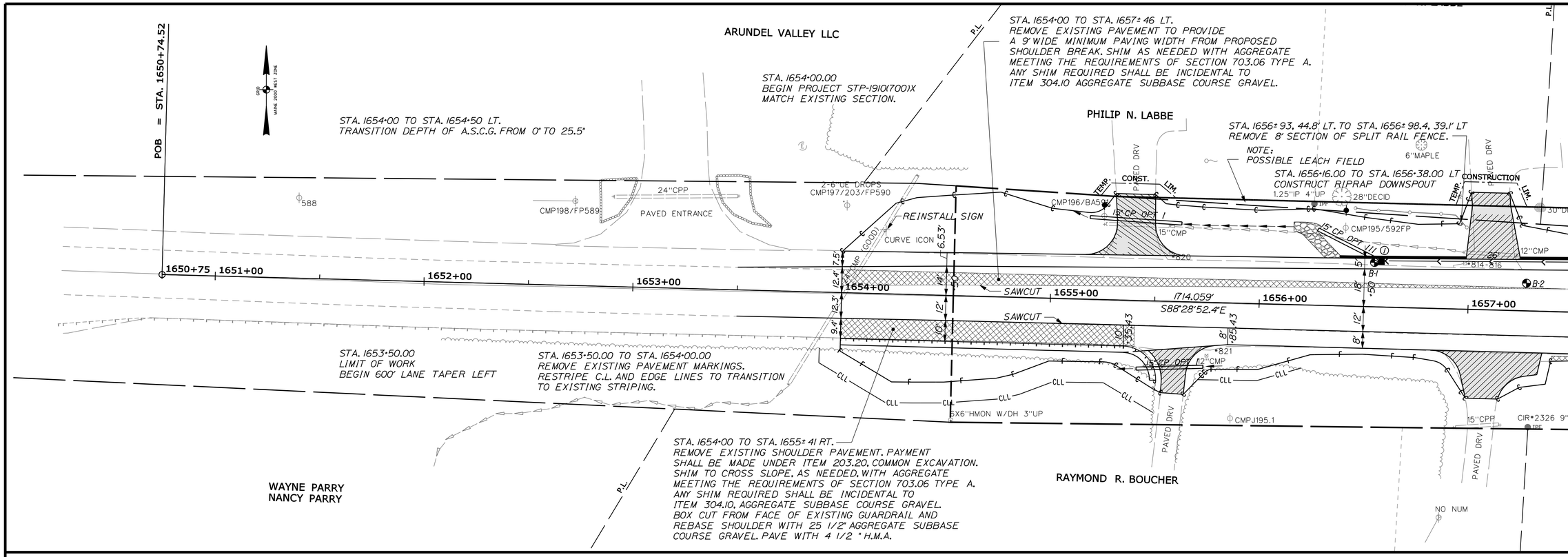
DATE

ARUNDEL
RTE 111

GENERAL NOTES

SHEET NUMBER
5
OF 79

Filename: ...\005_GeneralNotes.dgn Division: HIGHWAY Username: morin Date:11/13/2018



CLEARING

STATION	TO	STATION	SIDE	AREA (SF)
1653+90	TO	1655+5[illegible]	RT	2,830
1655+69	TO	1656+2[illegible]	RT	237

INCIDENTAL TO CONTRACT

GUARDRAIL REMOVED AND RESET

STATION	OFFSET	TO	STATION	OFFSET	LENGTH	REMARKS
1654+00.00,	21.7' RT	TO	1655+35.43,	22.0' RT	137.5'	*
1655+35.43,	22.0' RT	TO	1655+51.43,	37.9' RT	28'	CIRCULAR

* STA. 1654± 00 (NEAREST BEAM JOINT) TO STA. 1654± 75 RT.
TRANSITION FROM EXISTING GUARDRAIL HEIGHT
TO STANDARD 30" GUARDRAIL HEIGHT

CURB TYPE 3

STATION	OFFSET	TO	STATION	OFFSET	LENGTH(LF)	MOLD
1656+38.00,	23.0' LT	TO	1656+98.50,	24.0' LT	60.5	3
1657+24.50,	24.5' LT	TO	1659+50.00,	29.0' LT	225.5	3

CONSTRUCT ENTRANCE

LOCATION	TYPE	REMARKS
1655+41 LT	PAVED	
1655+60 RT	PAVED	
1657+08 RT	PAVED	MILL & OVERLAY
1657+11 LT	PAVED	

EROSION CONTROL BLANKET

STATION	TO	STATION	SIDE	LENGTH
1655+61.25	TO	1656+16.00	LT	55 LF

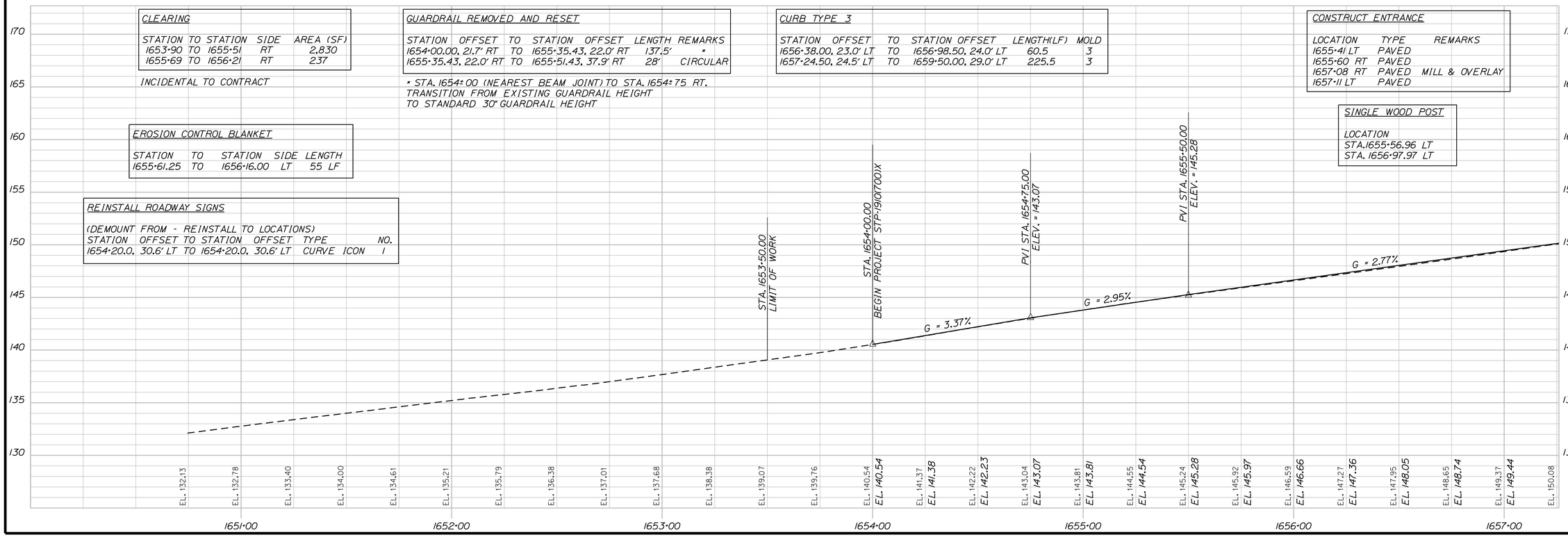
SINGLE WOOD POST

LOCATION
STA.1655+56.96 LT
STA. 1656+97.97 LT

REINSTALL ROADWAY SIGNS

(DEMOUNT FROM - REINSTALL TO LOCATIONS)

STATION	OFFSET	TO	STATION	OFFSET	TYPE	NO.
1654+20.0,	30.6' LT	TO	1654+20.0,	30.6' LT	CURVE ICON	1



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

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HIGHWAY PLANS

		DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
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DESIGN2-DETAILED2		
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REVISIONS 1		
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FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
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ARUNDEL
RTE 111

PLANS

SHEET NUMBER
6
OF 79

Date:11/13/2018
Username: morin
Division: HIGHWAY
Filename:

Date:11/13/2018
Username: morin
Division: HIGHWAY
Filename: ...\007_HDPlan2.dgn

GAS PIPELINE RISER
CMP SEC 238/060
CENTRAL MAINE POWER COMPANY
PHILIP N. LABBE
P.L.
MARITIMES AND NORTHEAST PIPELINE
6"MAPLE
CONSTRUCTION LIM. TEMP. PAVED DRV
28"DECID
30" DIA
CMP195/592FP
CP OPT III
26"
12"CMP
CMP194J
GAS PIPELINE RISER
814
816
B-1
B-2
B-3
B-4
B-5
B-6
12" UD
6" UD
REMOVE (BY OTHERS)
EP 594
CMP J193
CMP J192
IPF 3/4"IR 28"UP
FLAGGED GRADE STAKE ROW
SLOPE EASEMENT LIMITS
SLOPE EASE. LIM.
CLL
FENCE POST
32"DIA 18"T
1657+00
1658+00
1659+00
1660+00
1661+00
1662+00
1663+00
1714.059'
S88°28'52.4"E
STA. 1661+83.57 = STA. 10+00.00
EXCAVATE, LOAM & SEED
GAS PIPELINE RISER
15"CPP
CIR=2326 9"UP
DRV
POND
12"CPP
CMP INFO
EXCAVATE, LOAM & SEED
REMOVE (BY OTHERS)
CMP 192G
ABANDONED
CENTRAL MAINE POWER COMPANY

NOTE:
POSSIBLE LEACH FIELD

CURVE DATA #1
PI = 1+30.95
D = 22°55'05.9"
Δ = 21°30'57.5" Lt.
R = 250.00'
L = 93.88'
T = 47.50'
E = 4.47'

STA. 1659+50.00
END 600' LANE TAPER LEFT.
BEGIN 12' AUXILIARY LANE LEFT.

STA. 10+74 LT.
END CURB TYPE 3, MOLD 3
FLAGGED GRADE STAKE ROW

STA. 661+25 TO STA. 662+50 LT.
CONSTRUCT SHOULDER AT
2% CROSS SLOPE

PHILIP N. LABBE
PT = STA. 11+77.38
SLOPE EASE. LIM.
TEMPORARY
11.0'
DIG ENCLOSURE
6"POPLAR
LAWN
WITH METER
PROPANE TANK
618A
CONCRETE
WOODEN
GRANITE
REMOVE
10"MAPLE
FENCE POST
FENCE POST
PC = STA. 10+83.45
6"OAK
CONSTRUCTION LIMITS
R 40'
STOP
DREWS MILLS RD
69.95
N62°28'43"W
83.448'
11+00
12+00
REMOVE BUILDING NO.1
REMOVE AND PLUG INTERIOR CATCH BRASIN.
COST WILL BE INCIDENTAL TO PAYMENT FOR
BUILDING REMOVAL.
BURIED ELECTRIC SERVICE
TO BE ADJUSTED BY UTILITY
COMPANY, IF REQUIRED.
DRAINAGE EASE. LIMITS
15"CPP OPT III
CMP 1 WITH 4' SUMP
24"CPP
R 50'
STA. 1662+05.00 TO STA. 1662+25.00 LT
CONSTRUCT RIPRAP DOWNSPOUT
24" CP OPT III
REINSTALL SIGN
DREWS MILLS RD
7 BOXES H/300
CMP 191
REINSTALL SIGNS
34.81'
25.13'
24.83'
24.62'
CMP 190
(COCO)
NODE 7380
NET&T 606S
REINSTALL SIGN
6X6"HMON W/DH FLUSH
789

STA. 1660+55 TO STA. 1662+75 RT.
REMOVE EXISTING SHOULDER PAVEMENT. PAYMENT
SHALL BE MADE UNDER ITEM 203.20, COMMON EXCAVATION.
SHIM TO CROSS SLOPE, AS NEEDED, WITH AGGREGATE
MEETING THE REQUIREMENTS OF SECTION 703.06 TYPE A.
ANY SHIM REQUIRED SHALL BE INCIDENTAL TO
ITEM 304.10 AGGREGATE SUBBASE COURSE GRAVEL.
BOX CUT FROM FACE OF EXISTING GUARDRAIL AND
REBASE SHOULDER WITH 25½" AGGREGATE SUBBASE
COURSE GRAVEL. PAVE WITH 4½" H.M.A.

G = 2.77%
PVC STA. 1663+75.00

CONSTRUCT ENTRANCE

LOCATION	TYPE	REMARKS
1657+08 RT	PAVED	MILL & OVERLAY
1657+11 LT	PAVED	
1658+50 RT	GRAVEL	3' APRON
10+85 RT	GRAVEL	3' APRON, COMMERCIAL
10+95 LT	GRAVEL	3' APRON
1663+00 RT	GRAVEL	3' APRON
1663+34 RT	PAVED	MILL & OVERLAY
11+55 RT	GRAVEL	3' APRON, COMMERCIAL
1661+00 RT	FIELD ENTRANCE	

MULTIPLE MAILBOX SUPPORT

LOCATION	QTY.	REMARKS
1662+26.86 LT	2	7 BOXES

CURB TYPE 3

STATION	OFFSET	TO	STATION	OFFSET	LENGTH(LF)	MOLD
1656+38.00,	23.0' LT	TO	1656+98.50,	24.0' LT	60.5	3
1657+24.50,	24.5' LT	TO	1659+50.00,	29.0' LT	225.5	3
1659+50.00,	29.0' LT	TO	1661+25.13,	29.0' LT	175.1	3
1661+25.13,	29.0' LT	TO	10+74.11,	14.0' LT	62.5	3
11+11.90,	14.0' LT	TO	11+71.55,	14.0' LT	56.3	2

GUARDRAIL TYPE 3C-SINGLE RAIL

STATION	OFFSET	TO	STATION	OFFSET	LENGTH
1661+24.62,	22.0' RT	TO	1661+62.12,	22.0' RT	37.5 LF

GUARDRAIL TYPE 3C- 15' RADIUS AND LESS

STATION	OFFSET	TO	STATION	OFFSET	LENGTH	
1661+09.69,	38.44' RT	TO	1661+24.62,	22.0' RT	25 LF	15' R.

GUARDRAIL REMOVED AND RESET

STATION	OFFSET	TO	STATION	OFFSET	LENGTH	REMARKS
1661+62.12,	22.0' RT	TO	1662+74.62,	22.0' RT	112.5'	
1662+74.62,	22.0' RT	TO	1662+88.86,	35.8' RT	19.5'	CIRCULAR

LOW VOLUME GUARDRAIL END-TYPE 3

STA. 1661+09.69, RT

REINSTALL ROADWAY SIGNS

(DEMOUNT FROM - REINSTALL TO LOCATIONS)

STATION	OFFSET	TO	STATION	OFFSET	TYPE	NO.
1661+56.4,	54.3' LT	TO	1661+46.0,	44.0' LT	STOP	1
1661+89.6,	27.8' RT	TO	1661+90.0,	28.0' RT	NODE	1
1662+36.0,	26.7' LT	TO	1662+35.0,	35.0' LT	STREET	1

CLEARING

STATION	TO	STATION	SIDE	AREA (SF)
1661+14	TO	1662+87	RT	2,194
1662+71	TO	1663+58	LT	475

INCIDENTAL TO CONTRACT

REMOVE BUILDING

LOCATION	REMARKS
STA. 11+36, RT. DREWS MILLS RD.	GARAGE

EROSION CONTROL BLANKET

STATION	TO	STATION	SIDE	LENGTH
11+17.27	TO	11+50.00	RT	33 LF
1662+25.00	TO	1662+73.84	LT	66 LF

EL. 148.65 EL. 148.74
EL. 149.37 EL. 149.44
EL. 150.08 EL. 150.13
EL. 150.76 EL. 150.82
EL. 151.48 EL. 151.51
EL. 152.20 EL. 152.21
EL. 152.90 EL. 152.90
EL. 153.56 EL. 153.59
EL. 154.23 EL. 154.29
EL. 154.91 EL. 154.98
EL. 155.61 EL. 155.67
EL. 156.34 EL. 156.36
EL. 157.09 EL. 157.06
EL. 157.75 EL. 157.75
EL. 158.41 EL. 158.44
EL. 159.12 EL. 159.14
EL. 159.83 EL. 159.83
EL. 160.50 EL. 160.52
EL. 161.16 EL. 161.21
EL. 161.82 EL. 161.91
EL. 162.49 EL. 162.60
EL. 163.15 EL. 163.29
EL. 163.80 EL. 163.99
EL. 164.46 EL. 164.68
EL. 165.11 EL. 165.37
EL. 165.84 EL. 166.06
EL. 166.60 EL. 166.76
EL. 167.33 EL. 167.45

1657+00 1658+00 1659+00 1660+00 1661+00 1662+00 1663+00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
STATE PROJECT 19107.00
WIN 19107.00
HIGHWAY PLANS

SIGNATURE 4226
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DATE

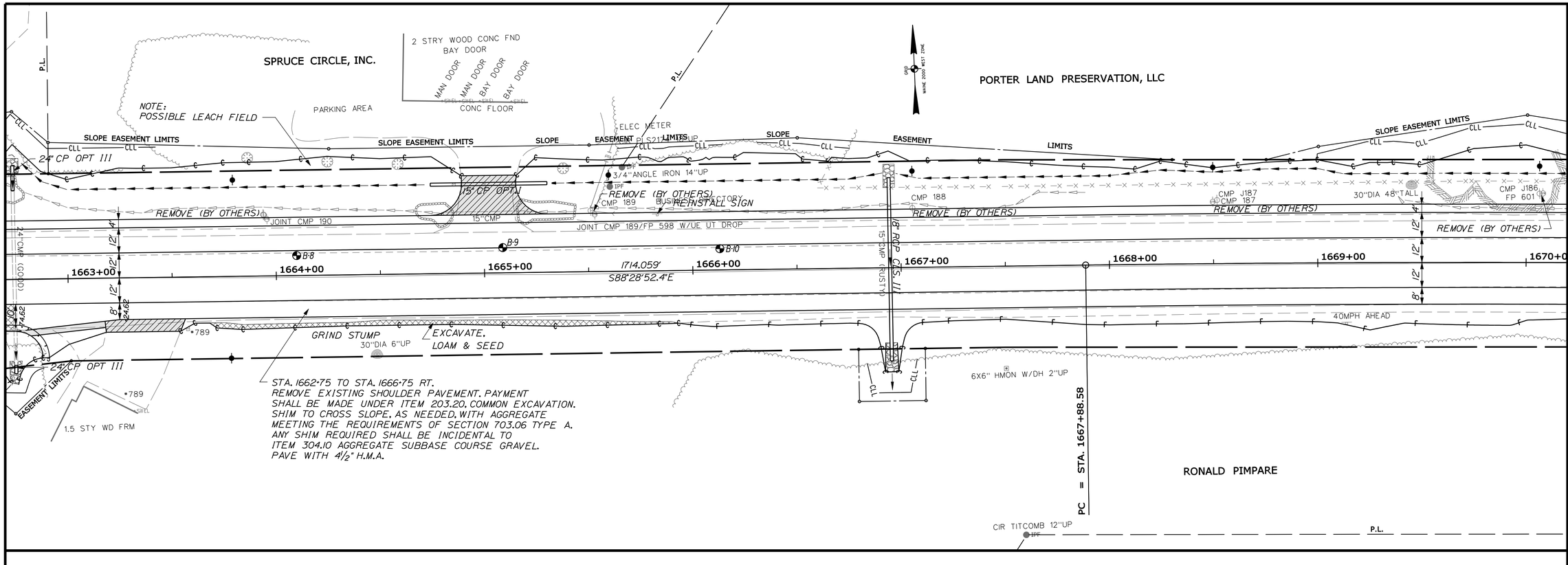
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PROJ. MANAGER		E.MARTIN
DESIGN-DETAILED	2017	MSM
CHECKED-REVIEWED	9/18	MSM
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DESIGN3-DETAILED3		
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REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

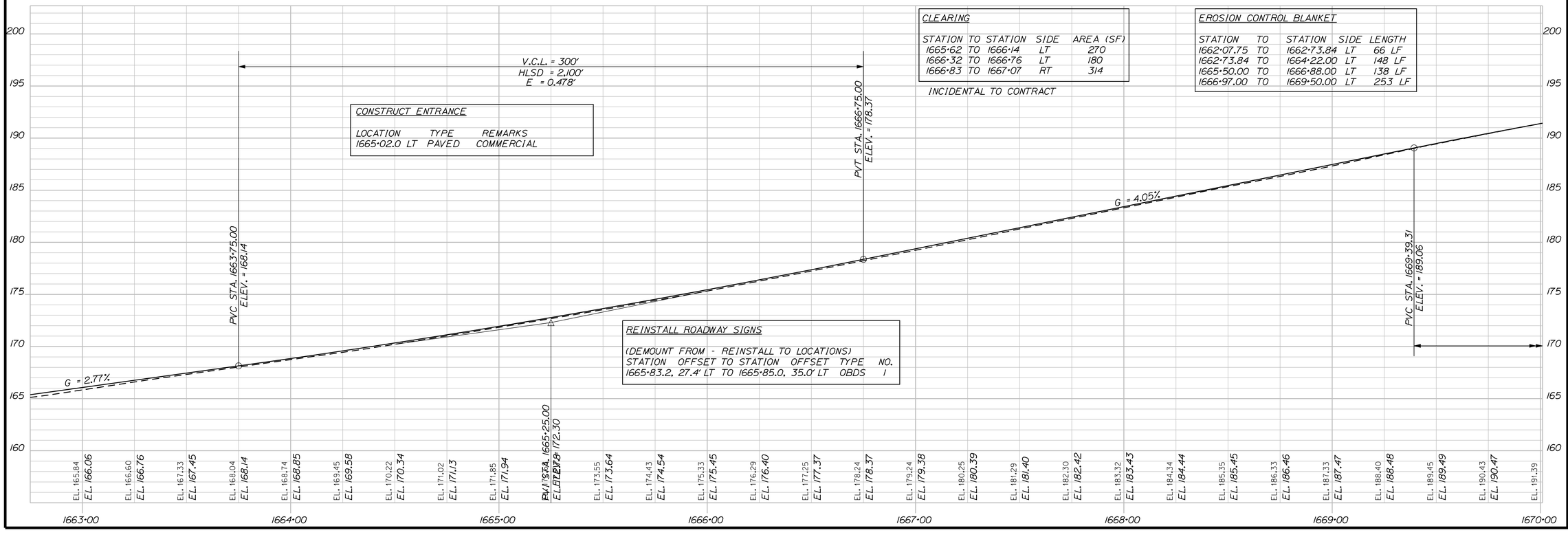
ARUNDEL
RTE 111

PLANS

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Username: morin
Division: HIGHWAY
Filename: ...\008_HDPlan3.dgn
Date:11/13/2018





STATE OF MAINE
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STATE PROJECT 19107.00

WIN 19107.00 HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	REVISIONS 1	
CHECKED-REVIEWED	ALG	REVISIONS 2	
DESIGN2-DETAILED2		REVISIONS 3	
DESIGN3-DETAILED3		REVISIONS 4	
		FIELD CHANGES	

	BY	DATE
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	ALG	9/18

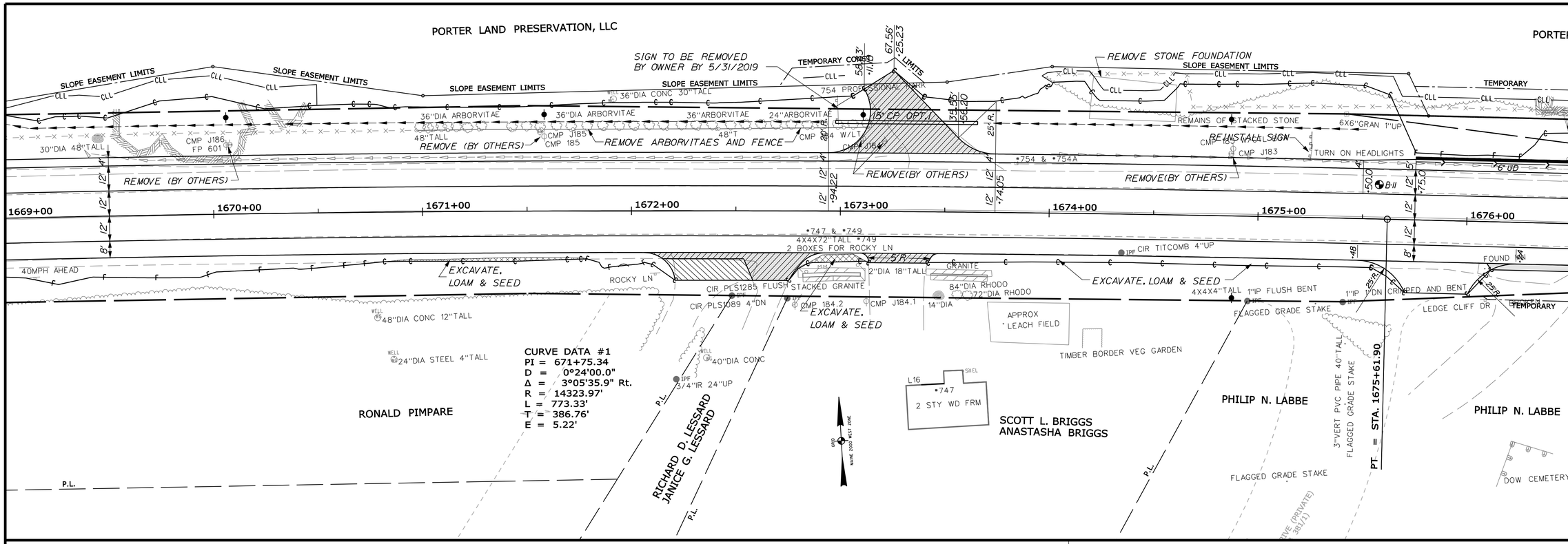
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11/13/2018
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Filename: ...\009_HDPlan4.dgn Division: HIGHWAY Username: morin Date:11/13/2018



STATE OF MAINE
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STATE PROJECT 19107.00

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HIGHWAY PLANS

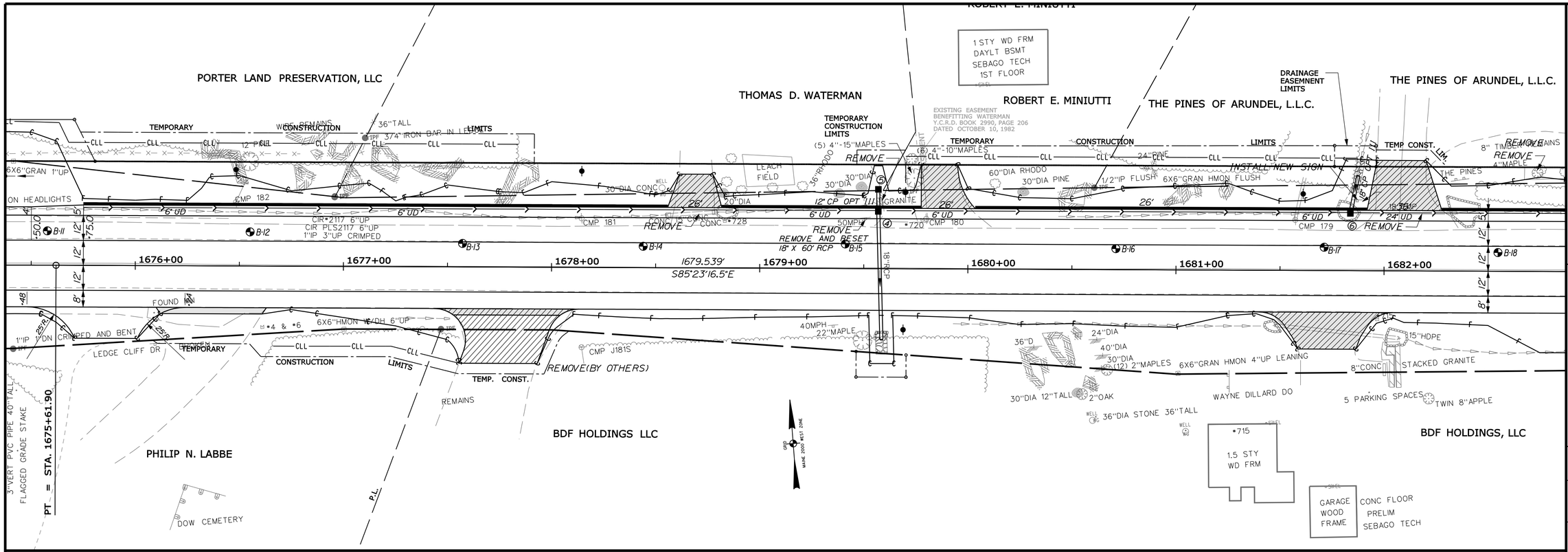
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PROJ. MANAGER	E.MARTIN	
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CHECKED-REVIEWED	ALG	9/18
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DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

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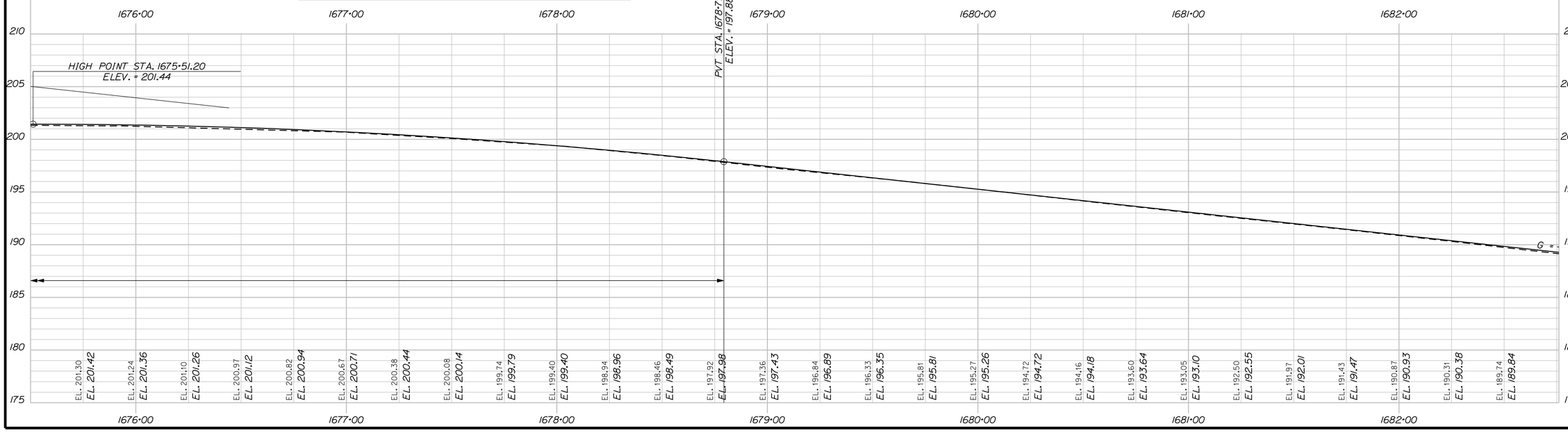
CLEARING (INCIDENTAL TO CONTRACT)			
STATION	TO STATION	SIDE	AREA (SF)
1675+68	TO 1677+83	LT	1,835
1676+63	TO 1677+57	RT	1,167
1679+70	TO 1681+87	LT	1,370±

CURB TYPE 3				
STATION OFFSET	TO	STATION OFFSET	LENGTH(LF)	MOLD
1675+75.00, 29.0' LT	TO	1678+55.97, 29.0' LT	281.0	3
1678+81.70, 29.0' LT	TO	1679+77.51, 29.0' LT	95.8	3
1680+03.51, 29.0' LT	TO	1681+91.71, 29.0' LT	188.2	2
1682+27.71, 29.0' LT	TO	1683+39.98, 29.0' LT	112.3	2

REGULATORY, WARNING, CONFIRMATION, AND RTE. MARKER ASSEMBLY SIGNS, TYPE II				
STATION	OFFSET	TYPE	NO.	SIZE
1679+50.00	36.5' LT	R2-1 'SO MPH'	1	30 X 36
1681+87.00	35.0' LT	R1-1 'STOP'	1	30 X 30

CONSTRUCT ENTRANCE		
LOCATION	TYPE	REMARKS
1675+87 RT	GRAVEL	3' APRON
1676+34 RT		3' APRON
1677+78 RT	GRAVEL	3' APRON
1678+69 LT	PAVED	
1679+90 LT	PAVED	
1681+73 RT	PAVED	COMMERCIAL
1682+10 LT	PAVED	SIDEROAD

SINGLE WOOD POST
LOCATION
STA. 1678+83.24 LT
STA. 1679+78.00 LT



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PROJ. MANAGER	E.MARTIN
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DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	MSM	2017
REVISIONS 2	ALG	9/18
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

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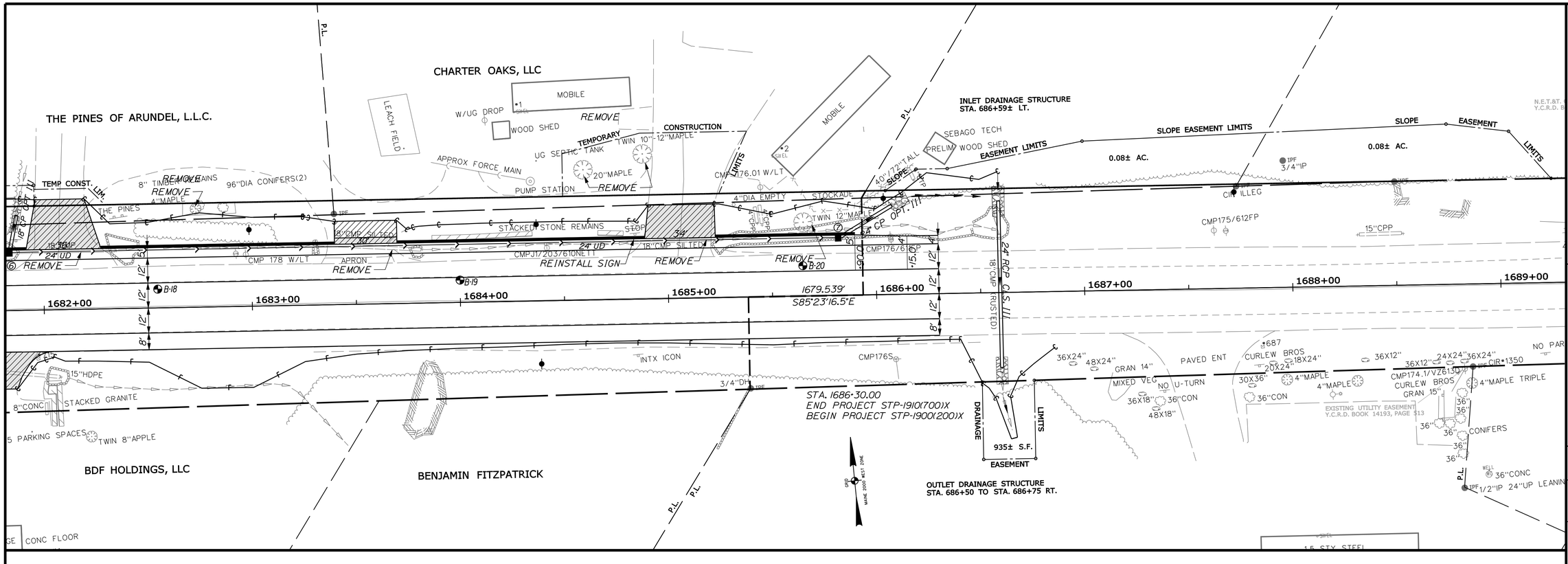
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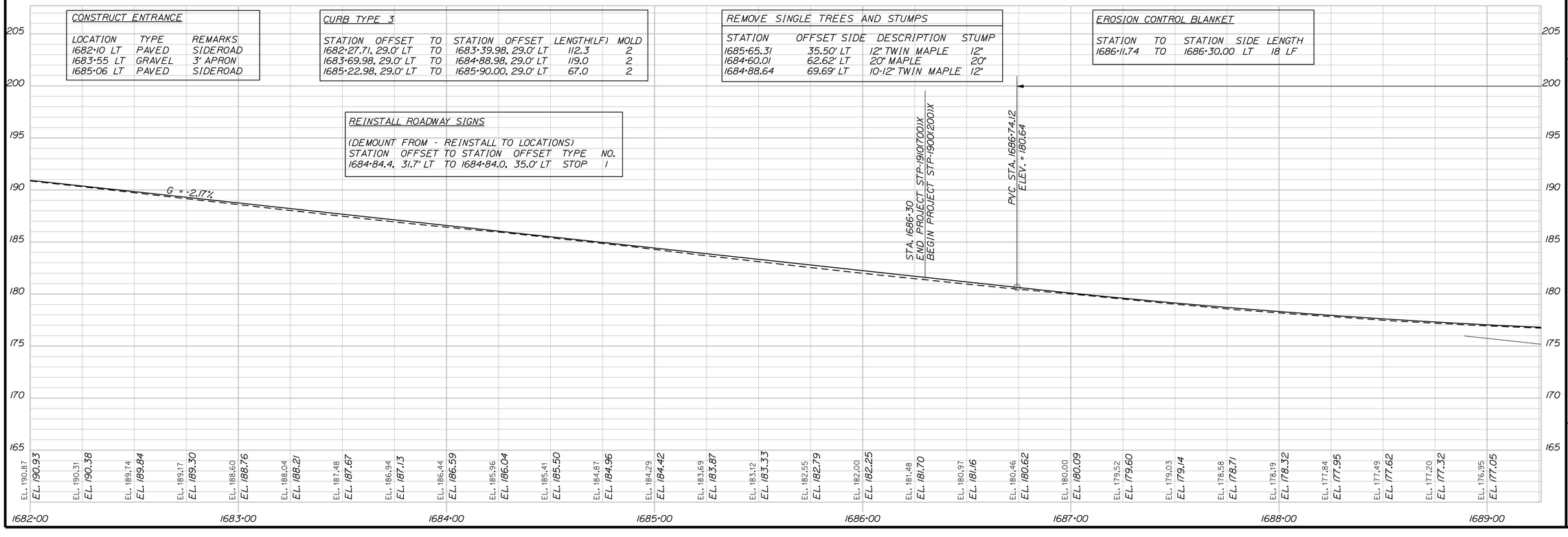
ARUNDEL
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PLANS

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Filename: ...\010_HDPlan5.dgn Division: HIGHWAY Username: morin Date:11/13/2018





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STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	DATE	2017
CHECKED-REVIEWED	ALC	BY	MSM
DESIGN2-DETAILED2		DATE	9/18
DESIGN3-DETAILED3		BY	ALC
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FIELD CHANGES			

SIGNATURE
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P.E. NUMBER
11/13/2018

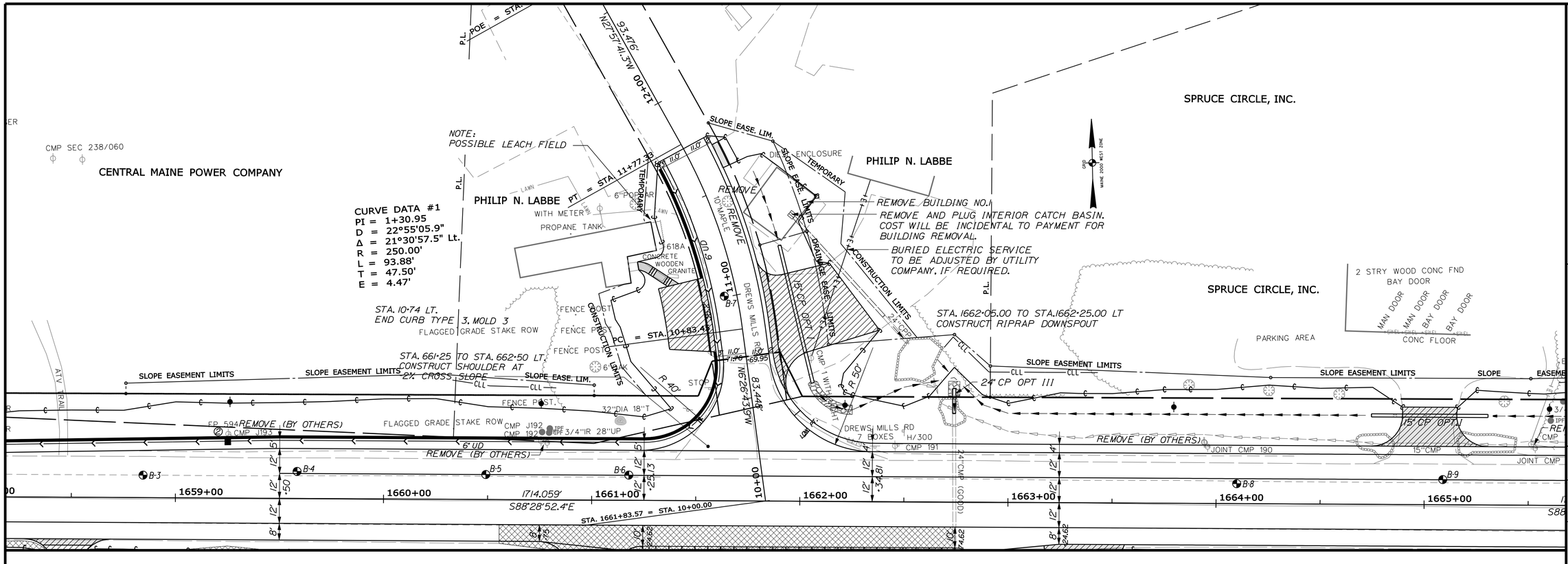
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RTE 111

PLANS

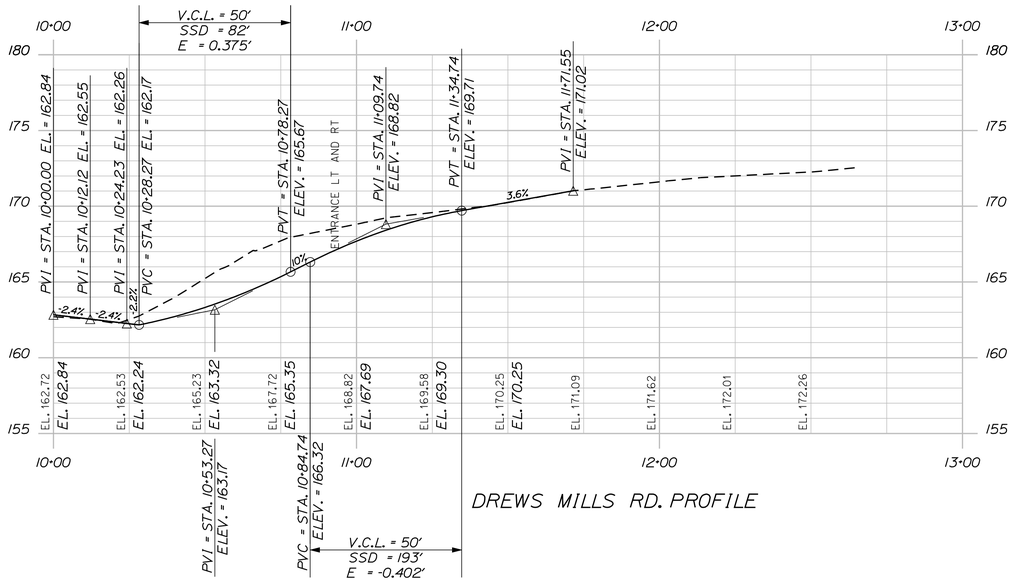
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Username: morin
Division: HIGHWAY
Filename: ...\011_HDPlan6.dgn



CONSTRUCT ENTRANCE		
LOCATION	TYPE	REMARKS
10+95 LT	GRAVEL	3' APRON
11+64 RT	GRAVEL	3' APRON, COMMERCIAL
10+85 RT	GRAVEL	3' APRON, COMMERCIAL

CURB TYPE 3				
STATION	OFFSET	TO	STATION OFFSET	LENGTH(LF)	MOLD
1661+25.13,	29.0' LT	TO	10+74.11, 14.0' LT	62.5	3
11+11.90,	14.0' LT	TO	11+71.55, 14.0' LT	56.3	2



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HIGHWAY PLANS

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BY	DATE
MSM	2017
ALG	9/18

PROJ. MANAGER	E.MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALG
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
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FIELD CHANGES	

ARUNDEL
DREWS MILLS ROAD

PLANS

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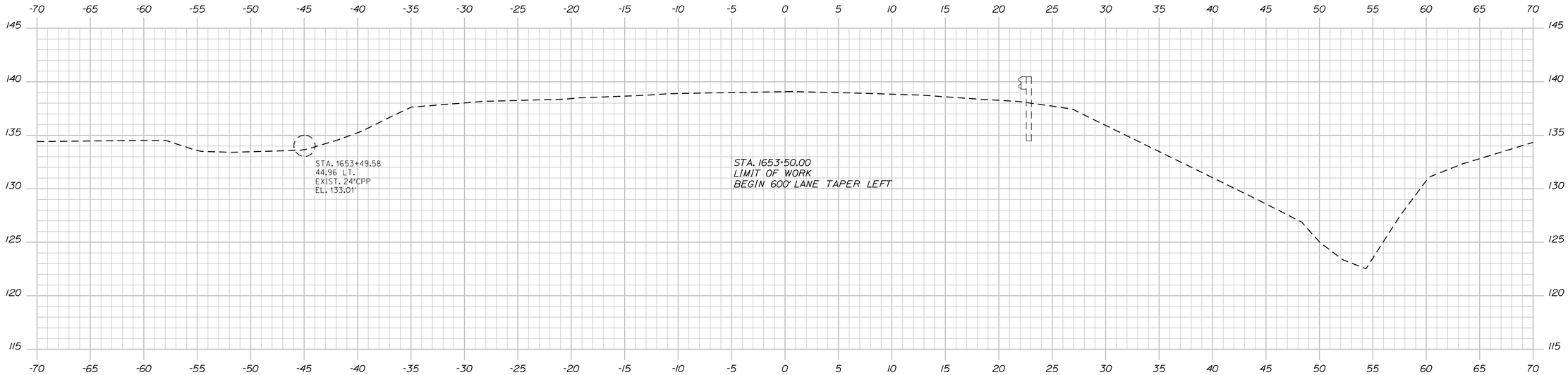
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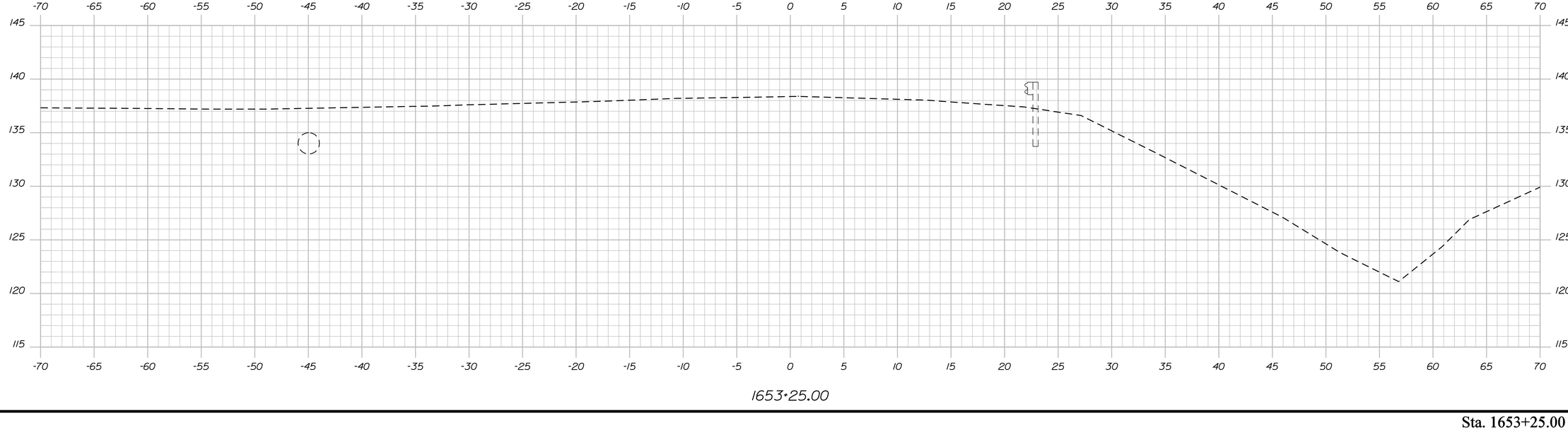
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STA. 1653+50.00 TO STA. 1654+00.00
REMOVE EXISTING PAVEMENT MARKINGS.
RESTRIPE C.L. AND EDGE LINES TO
TRANSITION TO EXISTING STRIPING.



1653+50.00



1653+25.00

Sta. 1653+25.00 to Sta. 1653+50.00

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STATE PROJECT 19107.00

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HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
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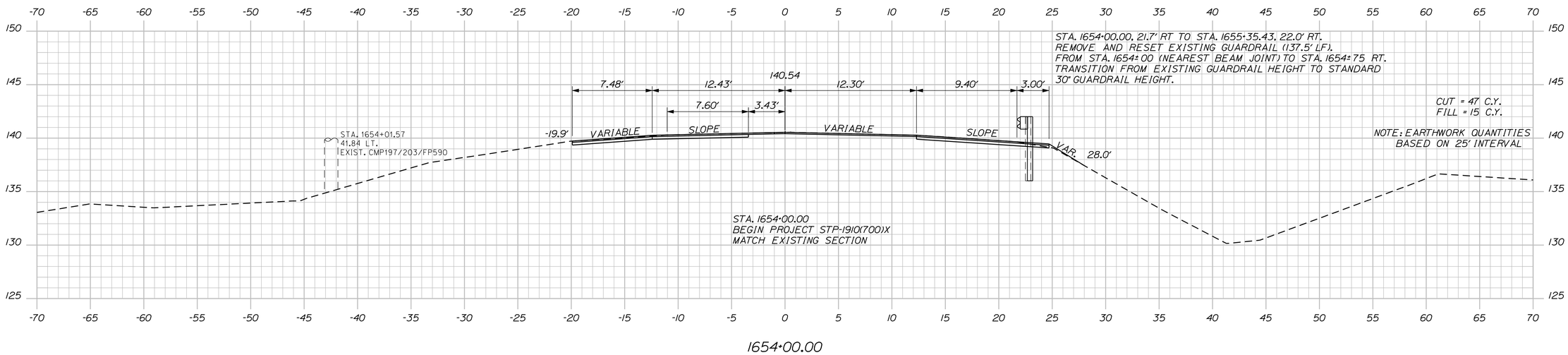
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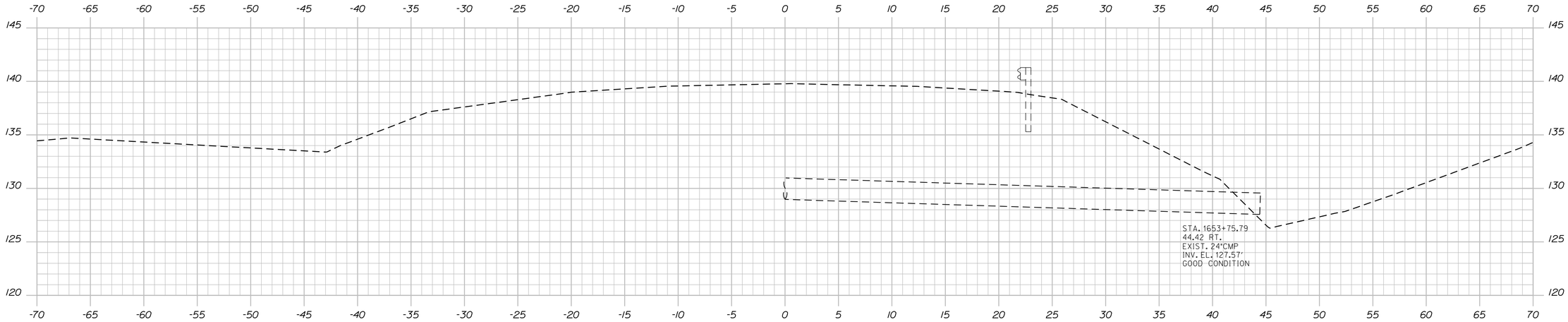
ARUNDEL
RTE 111

CROSS SECTIONS

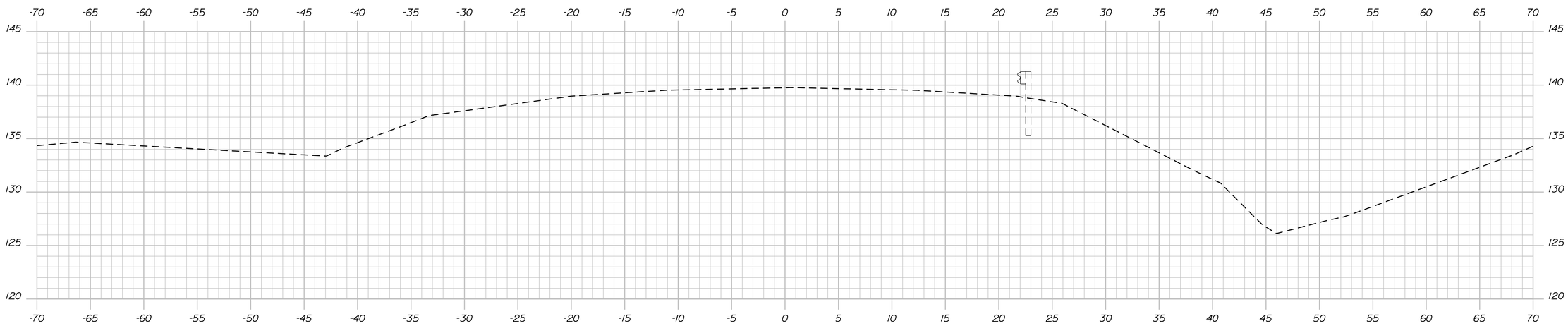
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1654+00.00



1653+75.74



1653+75.00

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HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
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11/13/2018
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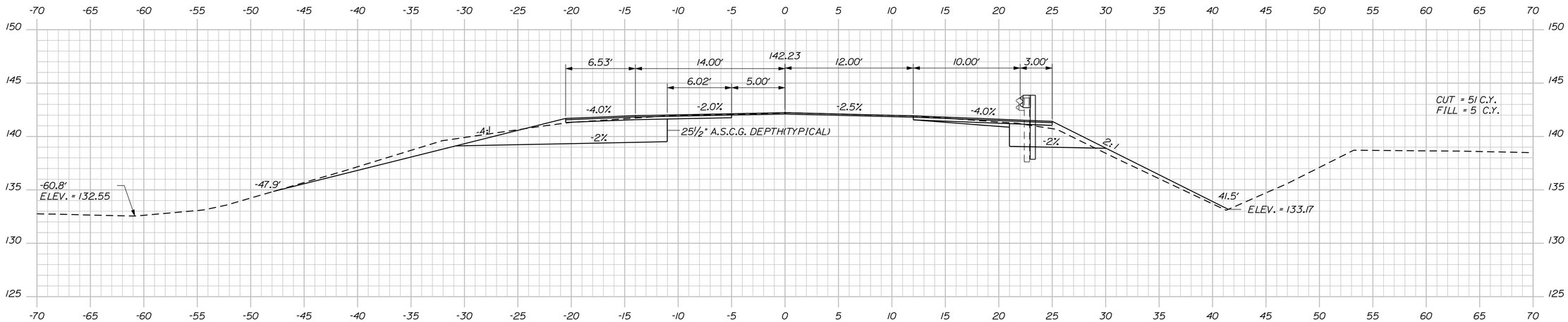
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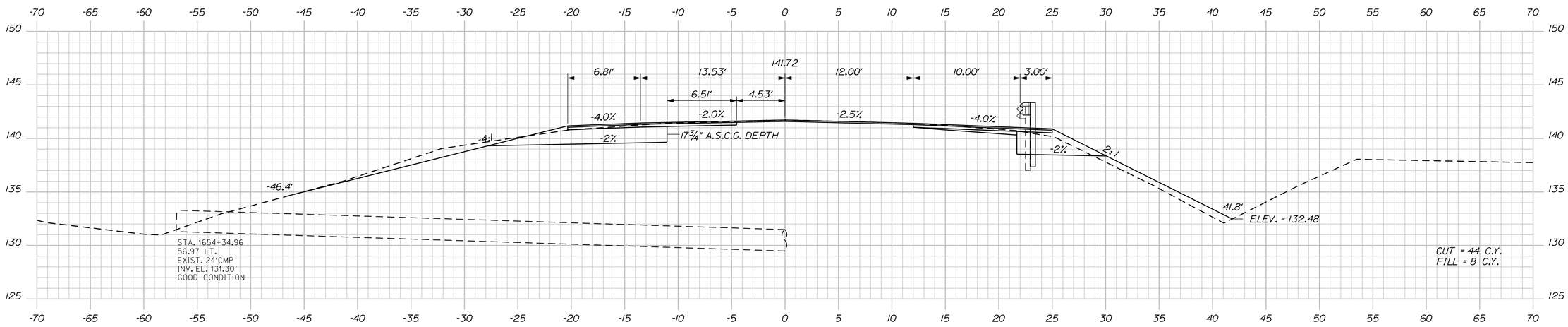
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Sta. 1653+75.00 to Sta. 1654+00.00

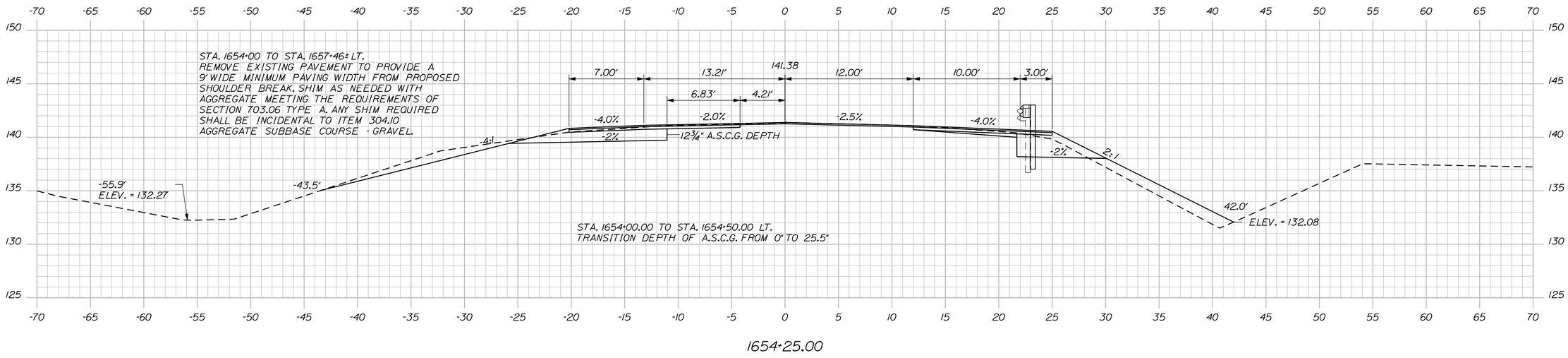
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1654+50.00



1654+34.90



1654+25.00

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		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
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DESIGN3-DETAILED3			
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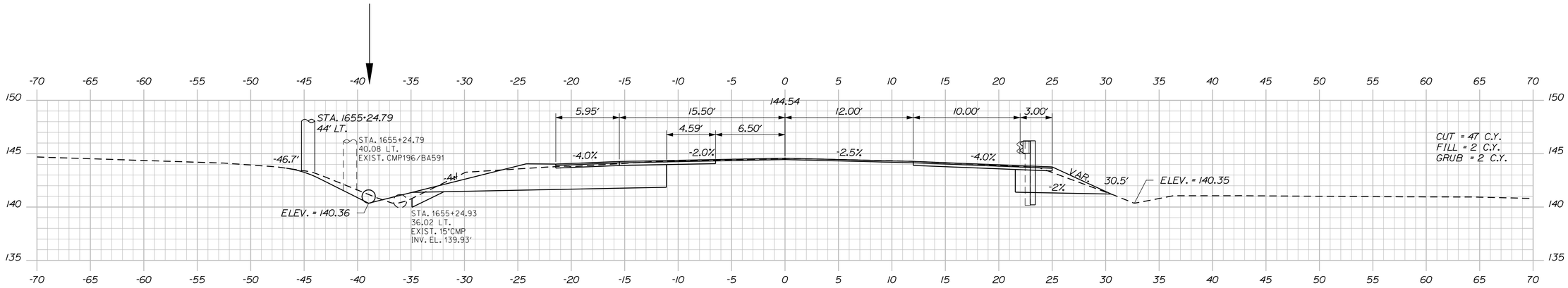
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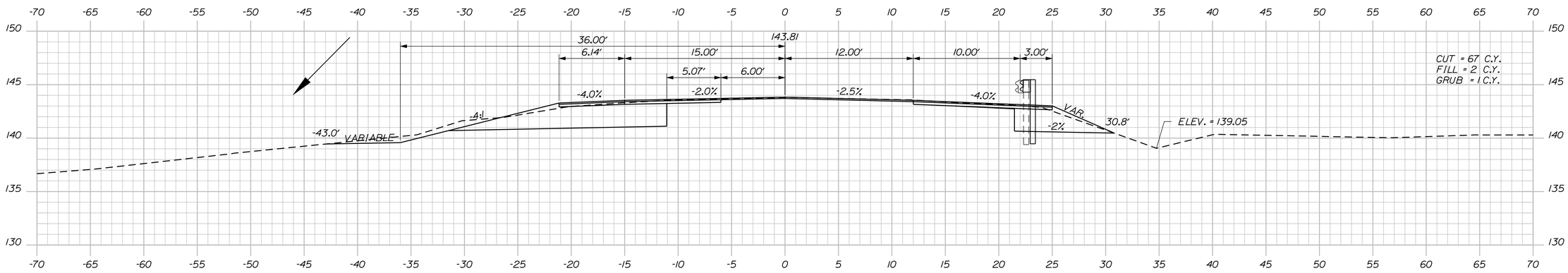
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Sta. 1654+25.00 to Sta. 1654+50.00

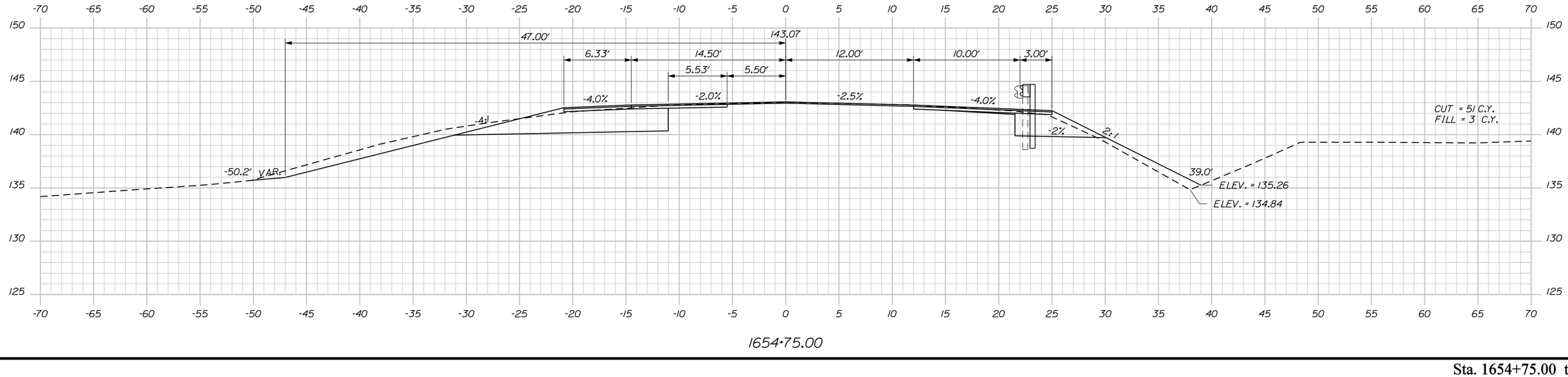
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1655+25.00



1655+00.00



1654+75.00

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HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
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FIELD CHANGES			

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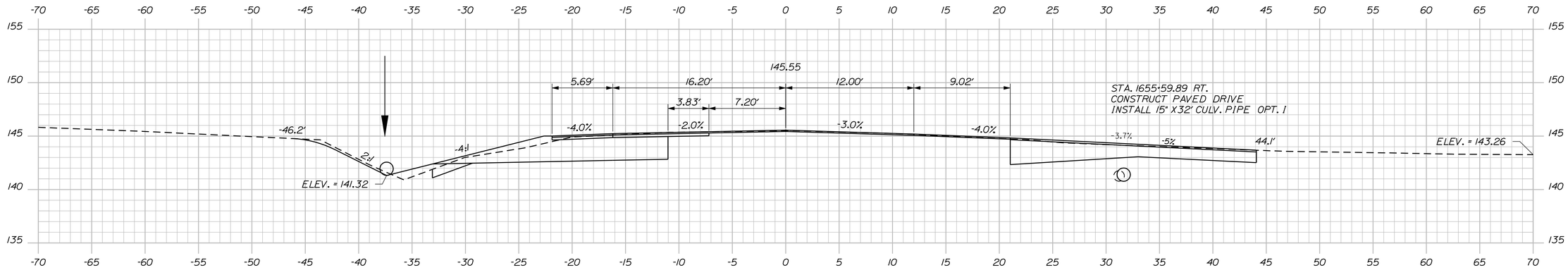
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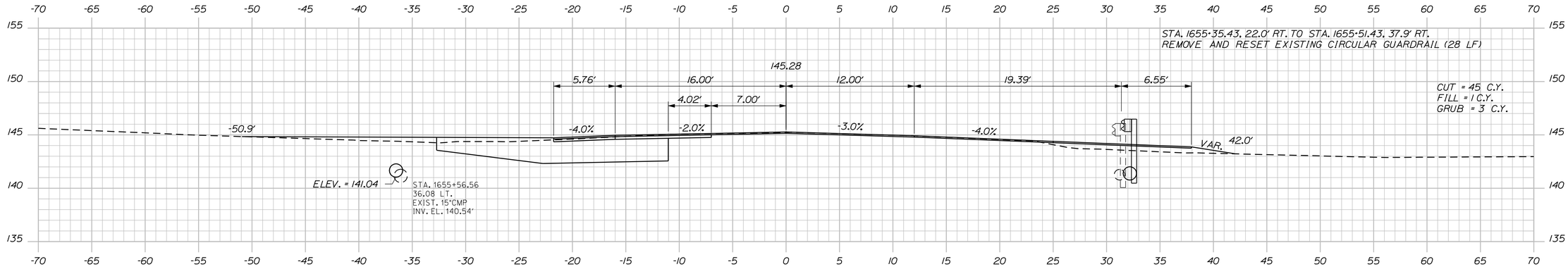
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Sta. 1654+75.00 to Sta. 1655+25.00

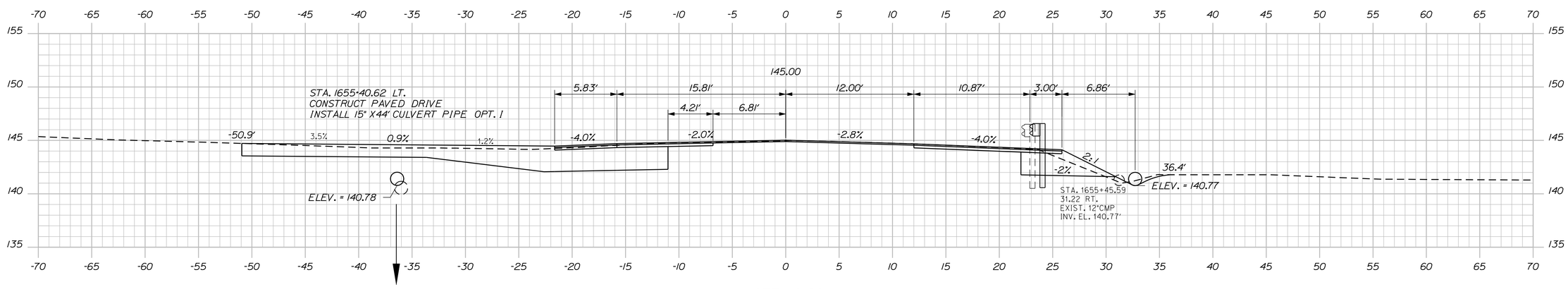
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1655+59.89



1655+50.00



1655+40.62

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PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
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FIELD CHANGES		

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CROSS SECTIONS

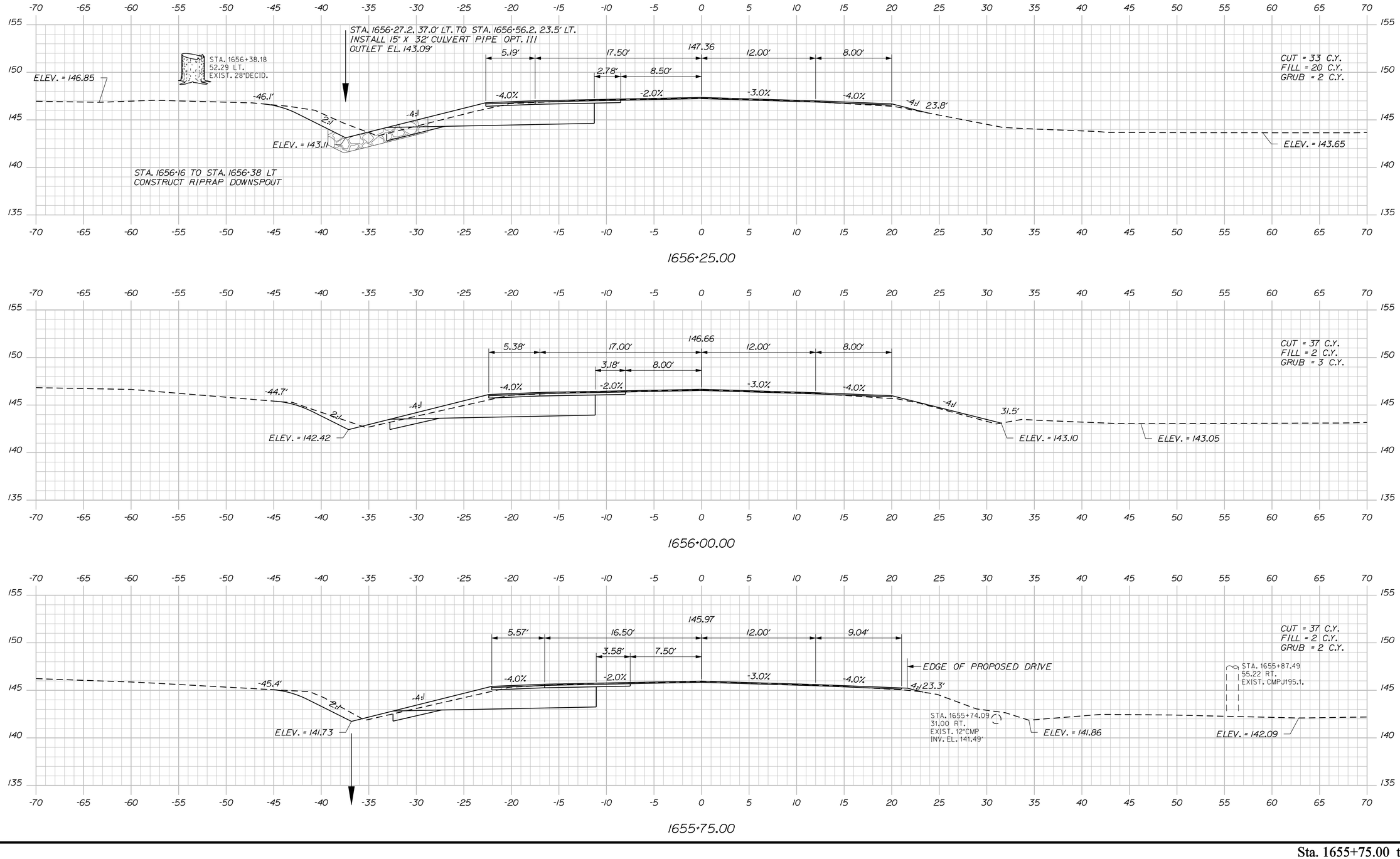
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Sta. 1655+40.62 to Sta. 1655+59.89

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Filename: ...\018_XSECT_1655+75_010.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALG
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	MSM	2017
REVISIONS 2	ALG	9/18
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER

18

OF 79

Sta. 1655+75.00 to Sta. 1656+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

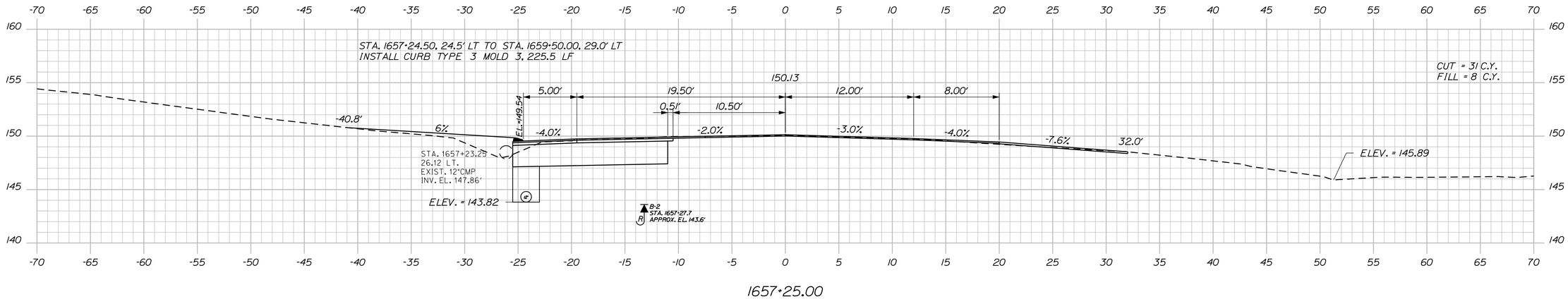
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RTE 111

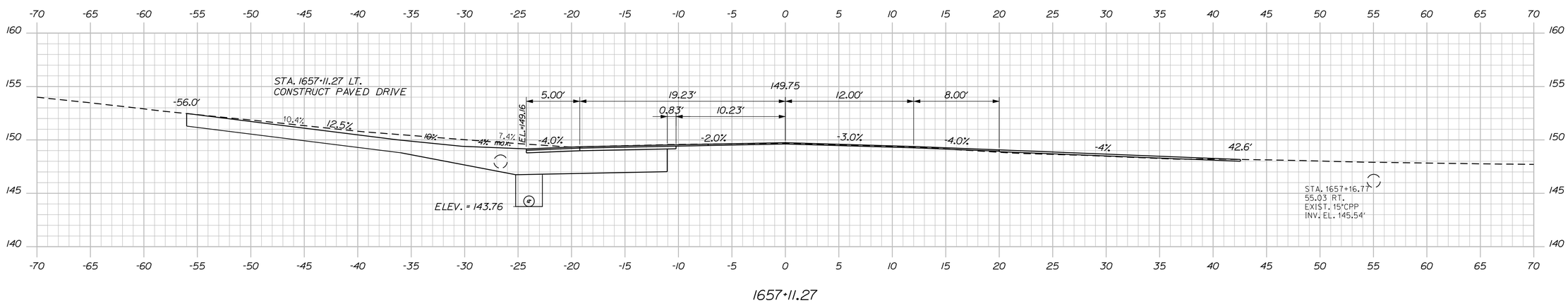
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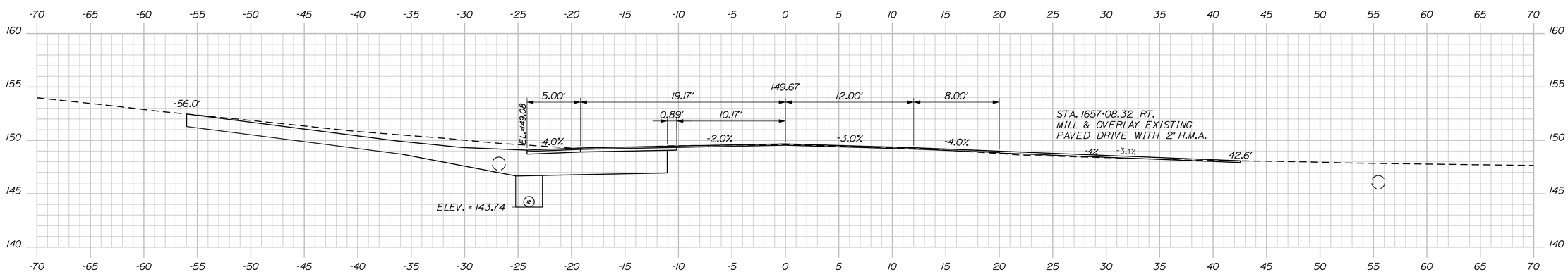
SHEET NUMBER
19
OF 79

Sta. 1656+50.00 to Sta. 1657+00.00

Filename: ...\019_XSECT_1656+50_011.dgn Division: HIGHWAY Username: morin Date:11/13/2018







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

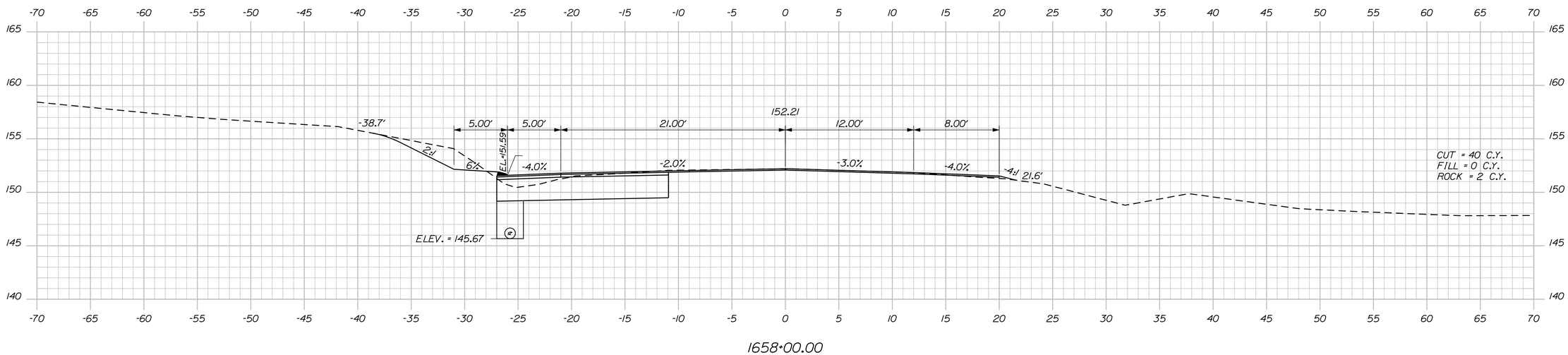
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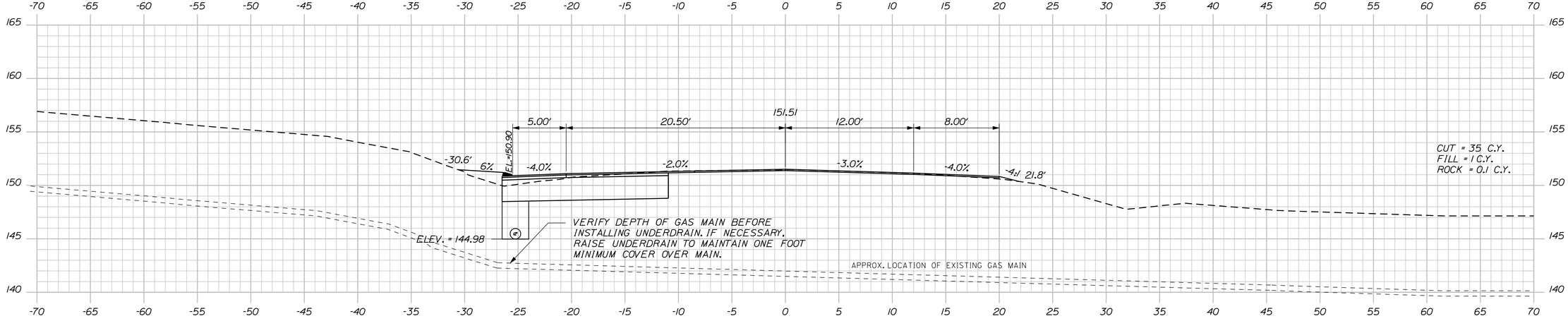
SHEET NUMBER
20
OF 79

Sta. 1657+08.32 to Sta. 1657+25.00

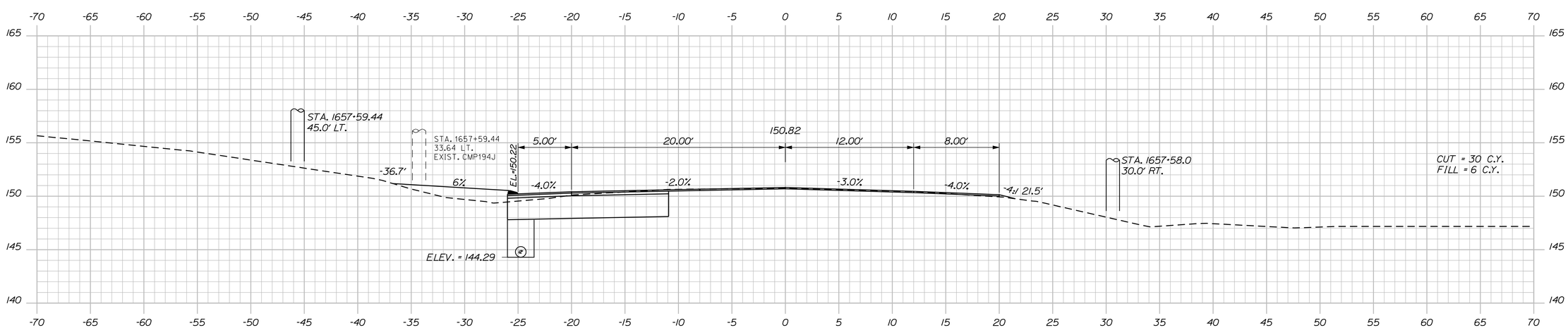
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1658+00.00



1657+75.00



1657+50.00

Sta. 1657+50.00 to Sta. 1658+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALC	ALC	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

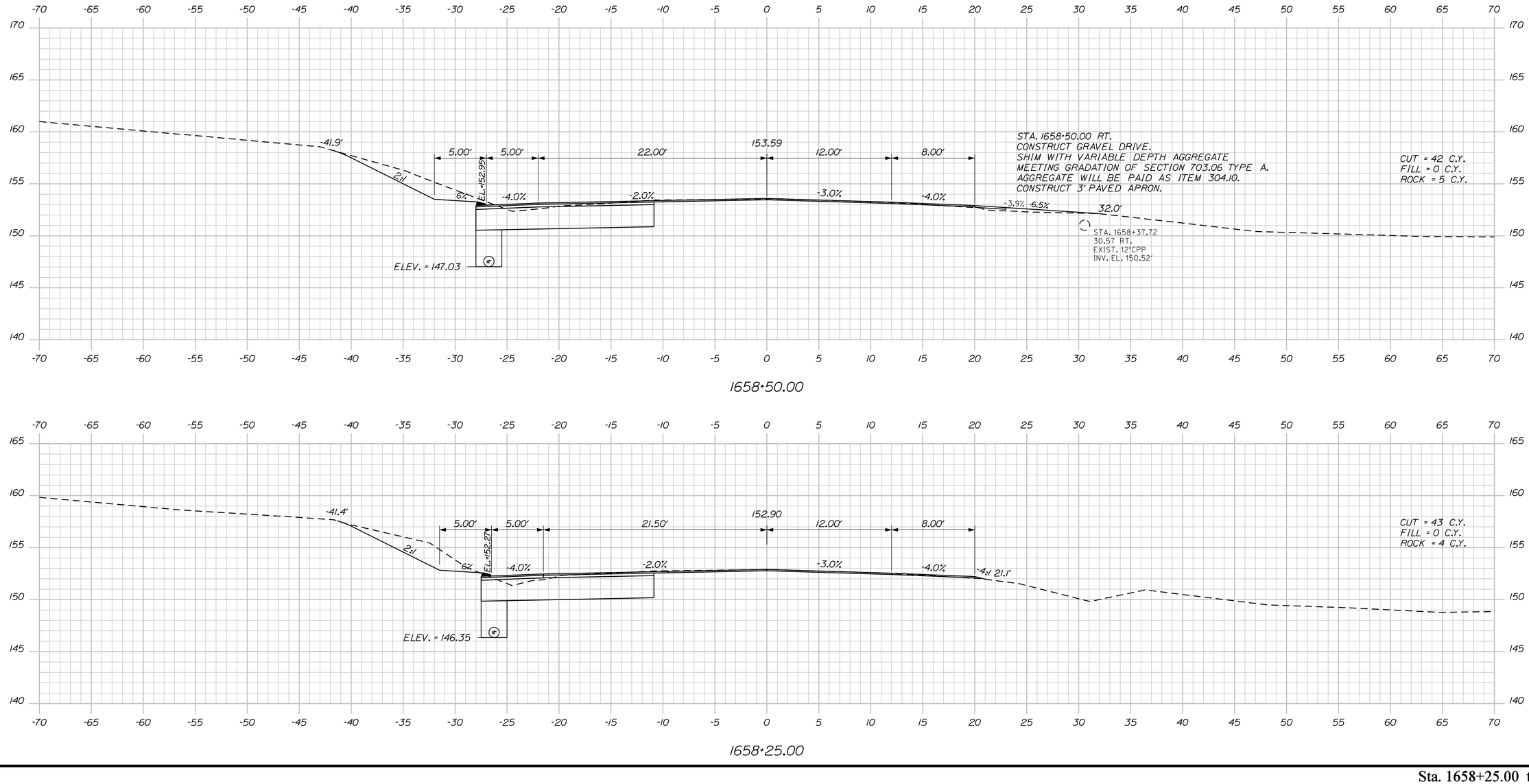
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ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER
21
OF 79

Filename: ...\021_XSECT_1657+50_013.dgn Division: HIGHWAY Username: morin Date:11/13/2018



Sta. 1658+25.00 to Sta. 1658+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00 HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

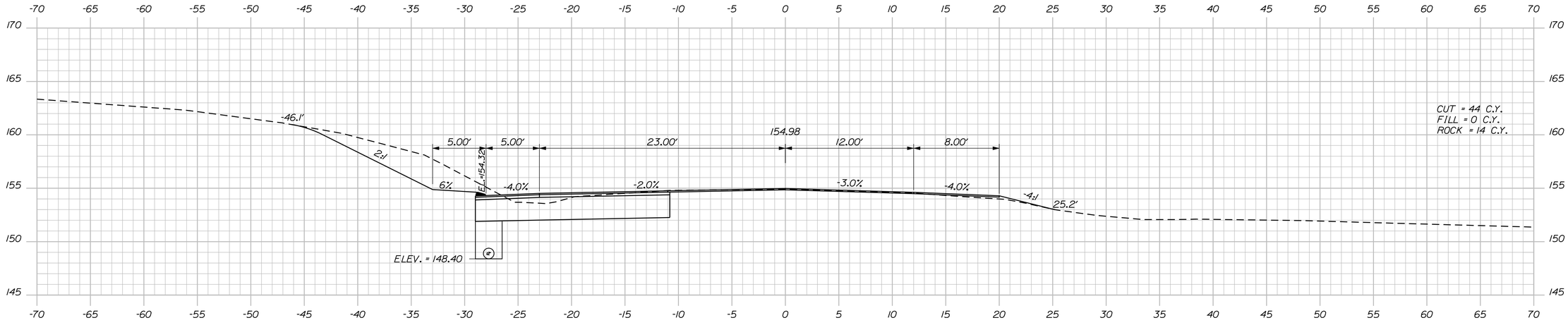
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CROSS SECTIONS

SHEET NUMBER
22
OF 79

Filename: ...\022_XSECT_1658+25_014.dgn Division: HIGHWAY Username: morin Date:11/13/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	E.MARTIN	BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2		ED2	
DESIGN3-DETAILED3		ED3	
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

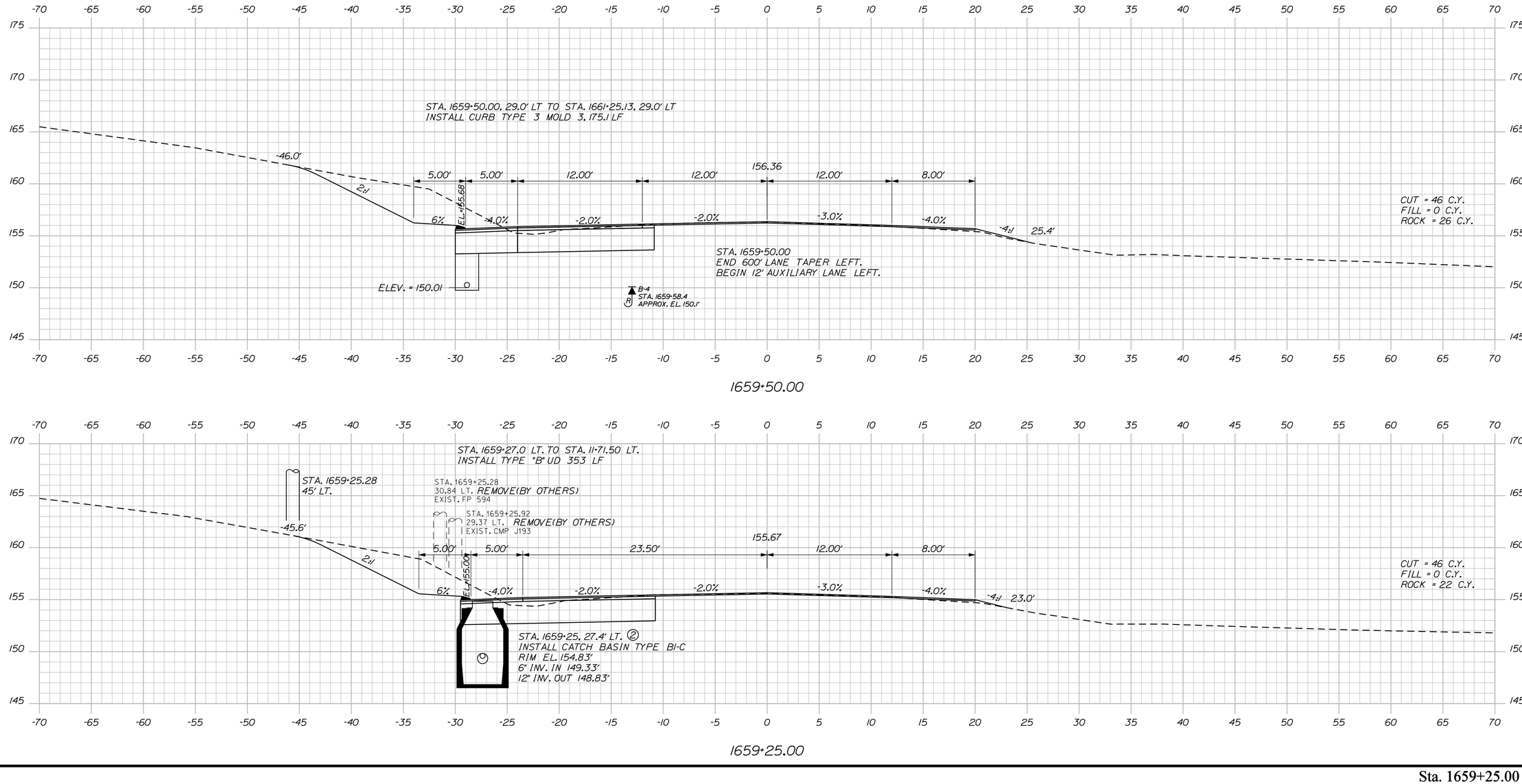
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RTE 111

CROSS SECTIONS

SHEET NUMBER
23
OF 79

Sta. 1658+75.00 to Sta. 1659+00.00

Filename: ...\023_XSECT_1658+75_015.dgn Division: HIGHWAY Username: morin Date:11/13/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	BY	MSM
CHECKED-REVIEWED	ALG		ALG
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

	DATE
	2017
	9/18

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

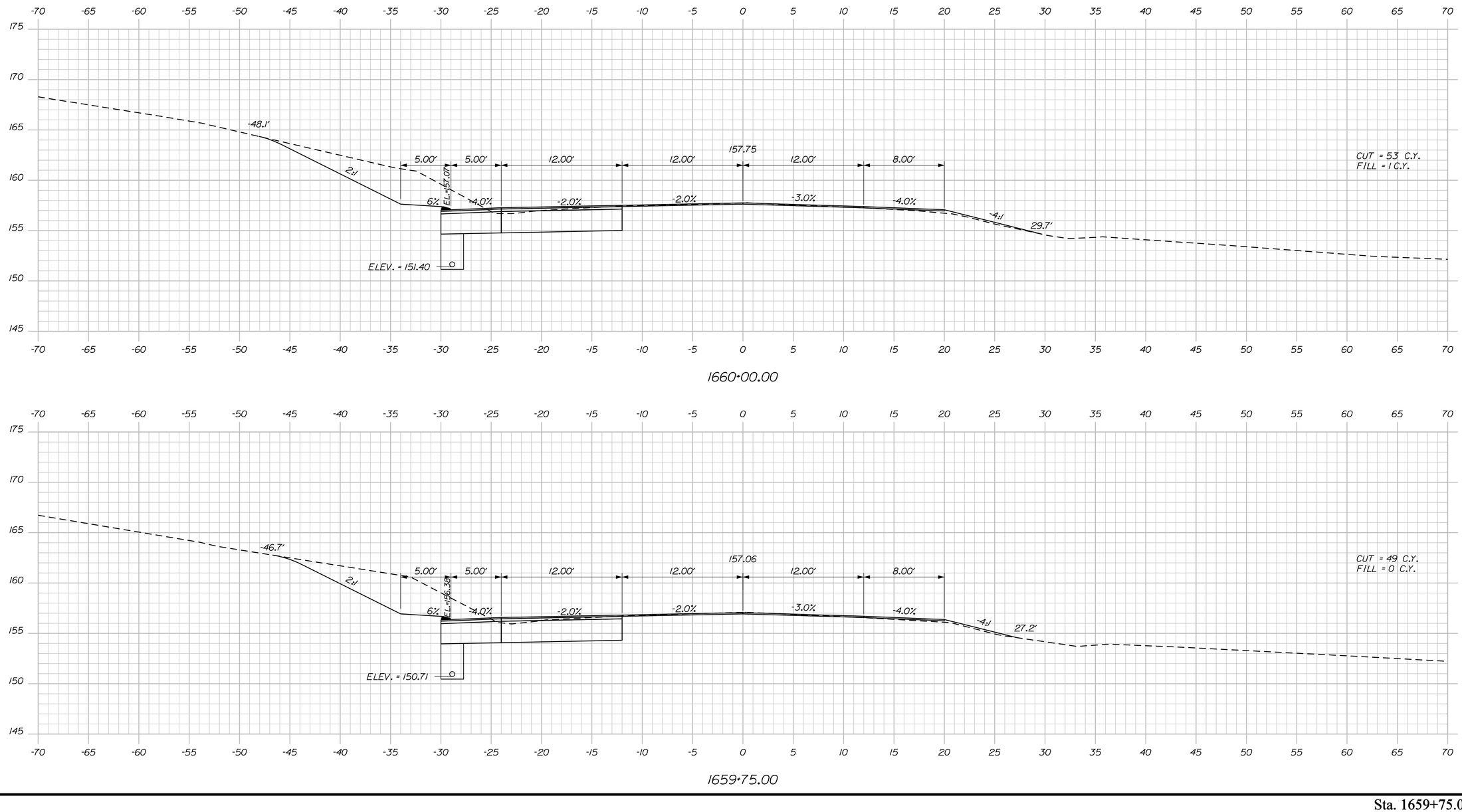
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RTE 111

CROSS SECTIONS

SHEET NUMBER
24
OF 79

Sta. 1659+25.00 to Sta. 1659+50.00

Filename: ...\024_XSECT_1659+25_016.dgn Division: HIGHWAY Username: morin Date:11/13/2018



Sta. 1659+75.00 to Sta. 1660+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

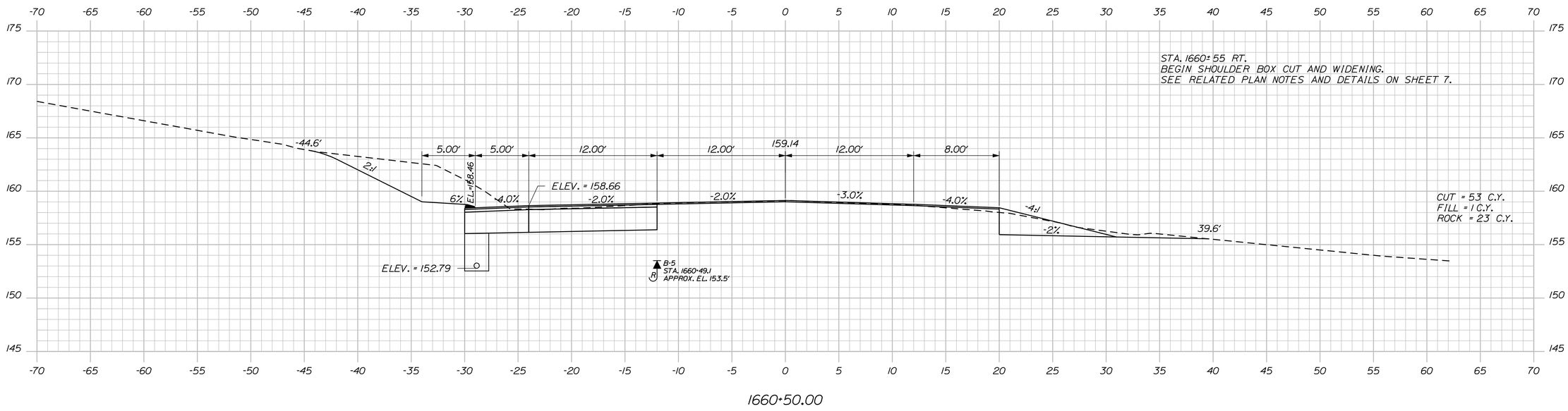
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11/13/2018
DATE

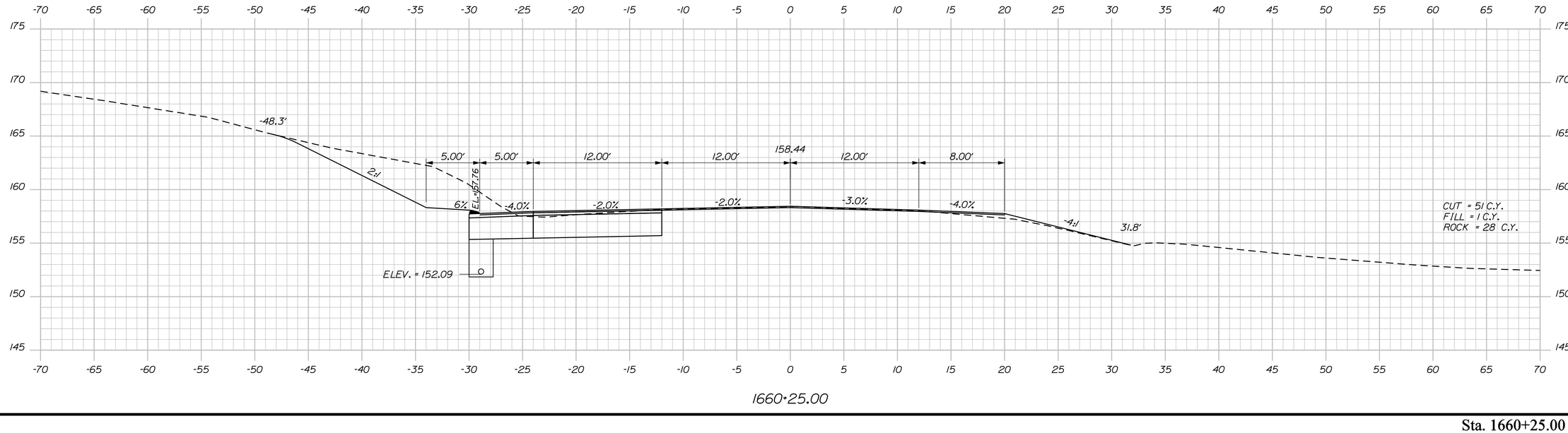
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RTE 111

CROSS SECTIONS

SHEET NUMBER
25
OF 79

Filename: ...\025_XSECT_1659+75_017.dgn Division: HIGHWAY Username: morin Date:11/13/2018





STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

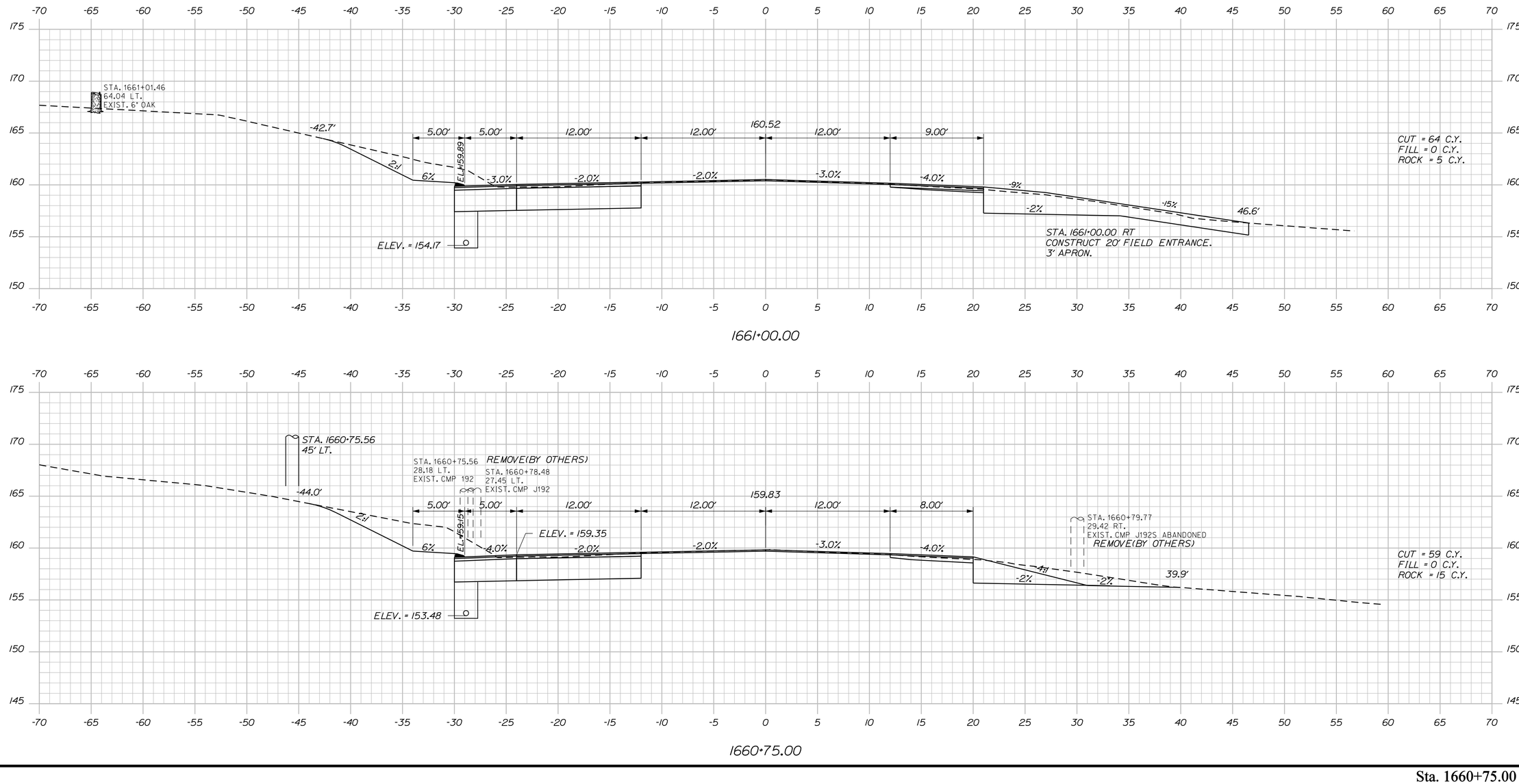
SHEET NUMBER

26

OF 79

Sta. 1660+25.00 to Sta. 1660+50.00

Filename: ...\026_XSECT_1660-25_018.dgn Division: HIGHWAY Username: morin Date:11/13/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		DATE
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER

27

OF 79

Sta. 1660+75.00 to Sta. 1661+00.00

Filename: ...\027_XSECT_1660+75_019.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
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FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

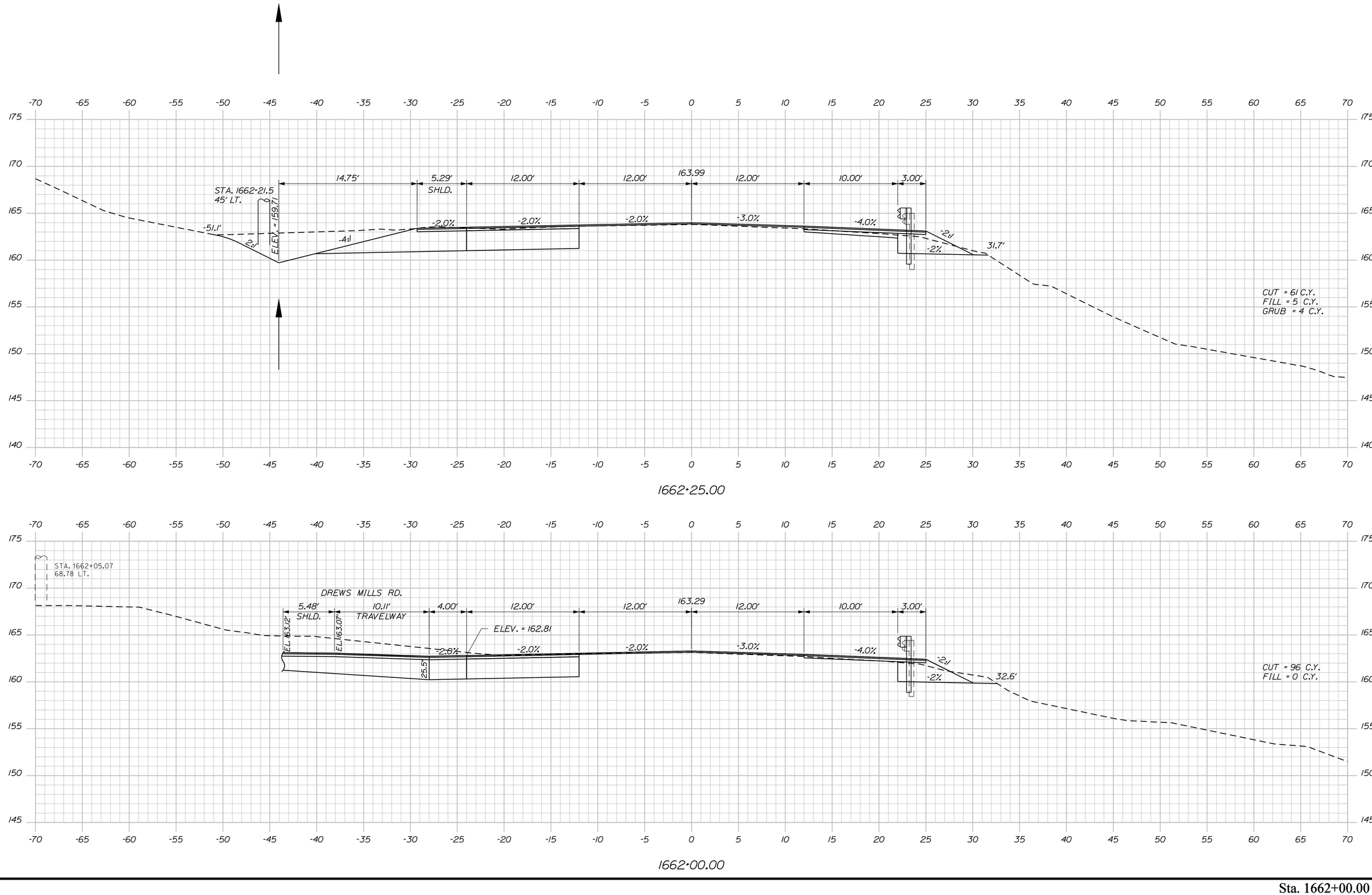
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CROSS SECTIONS

SHEET NUMBER
28
OF 79

Filename: ...\028_XSECT_1661+25_020.dgn Division: HIGHWAY Username: morin Date:11/13/2018

Sta. 1661+25.00 to Sta. 1661+75.00



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

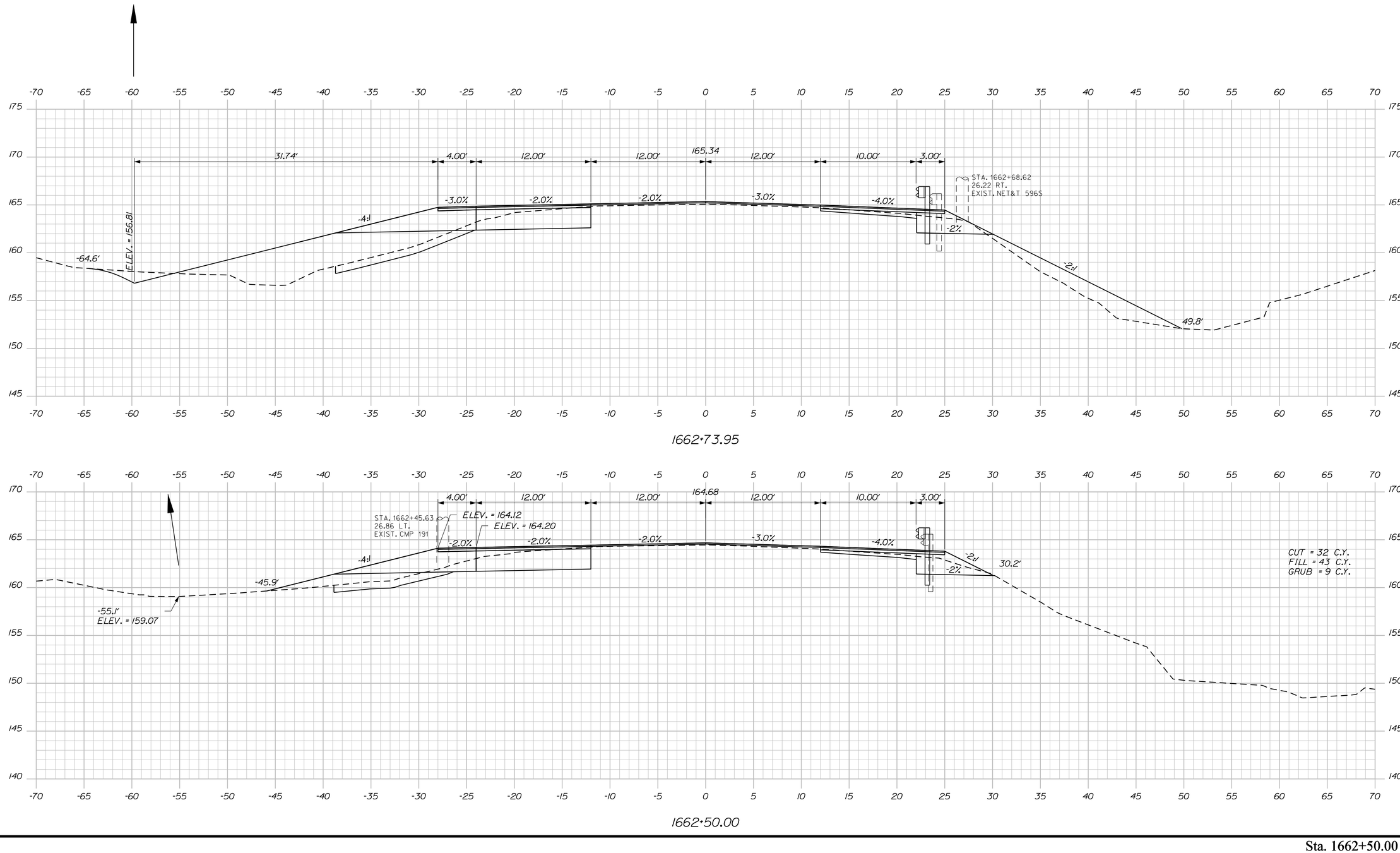
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RTE 111

CROSS SECTIONS

SHEET NUMBER
29
OF 79

Sta. 1662+00.00 to Sta. 1662+25.00

Filename: ...\029_XSECT_1662-00_021.dgn Division: HIGHWAY Username: morin Date:11/13/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

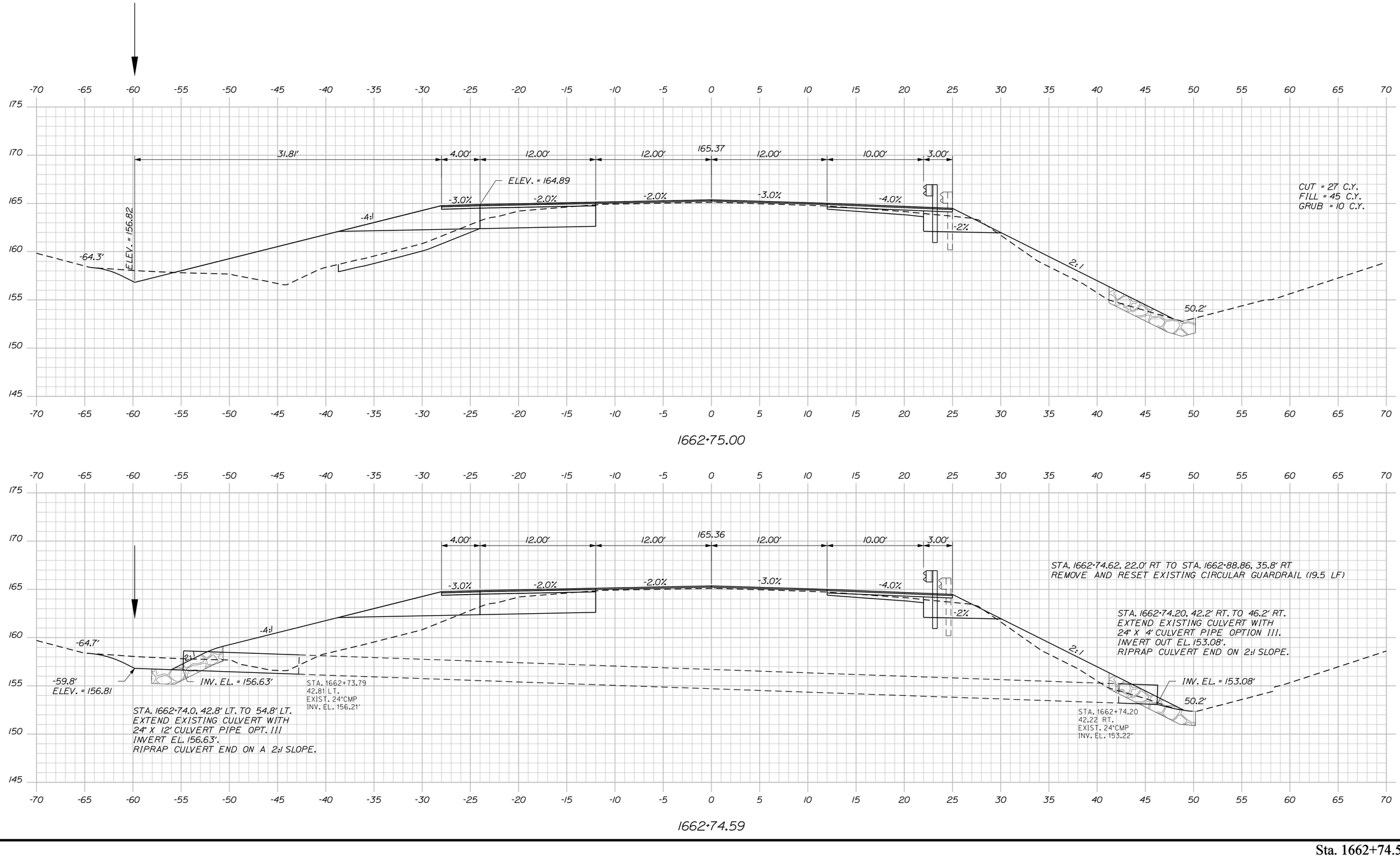
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OF 79

Sta. 1662+50.00 to Sta. 1662+73.95

Filename: ...\030_XSECT_1662+50_022.dgn Division: HIGHWAY Username: morin Date:11/13/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
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REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

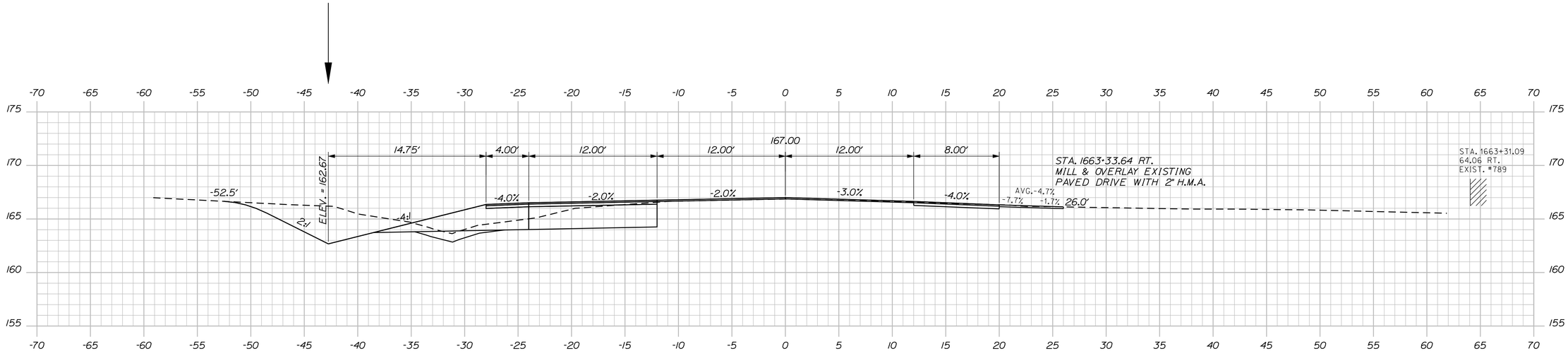
ARUNDEL
RTE 111

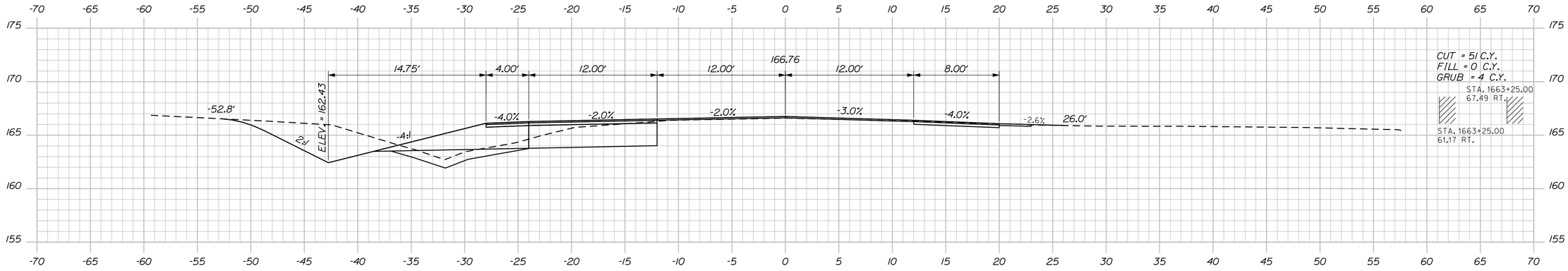
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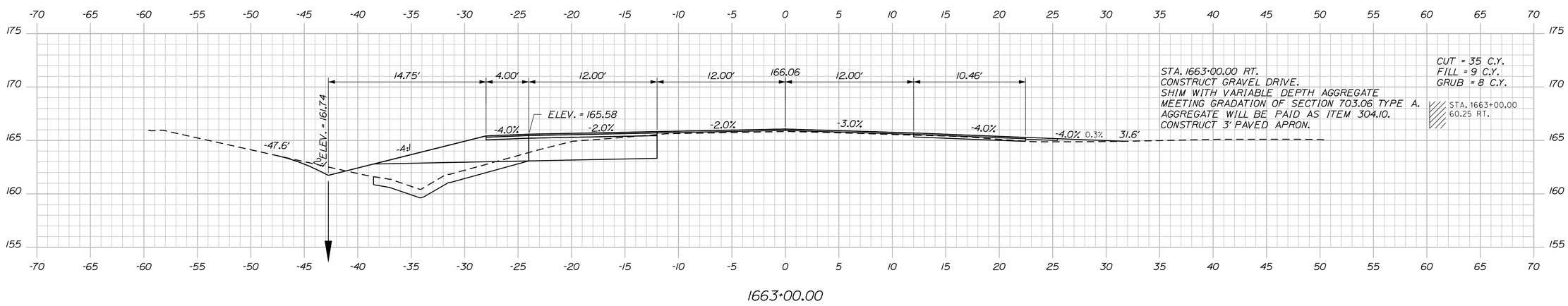
SHEET NUMBER
31
OF 79

Sta. 1662+74.59 to Sta. 1662+75.00

Filename: ...\031_XSECT_1662+74_023.dgn Division: HIGHWAY Username: morin Date:11/13/2018







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
E.MARTIN			
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE 4226

P.E. NUMBER 11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

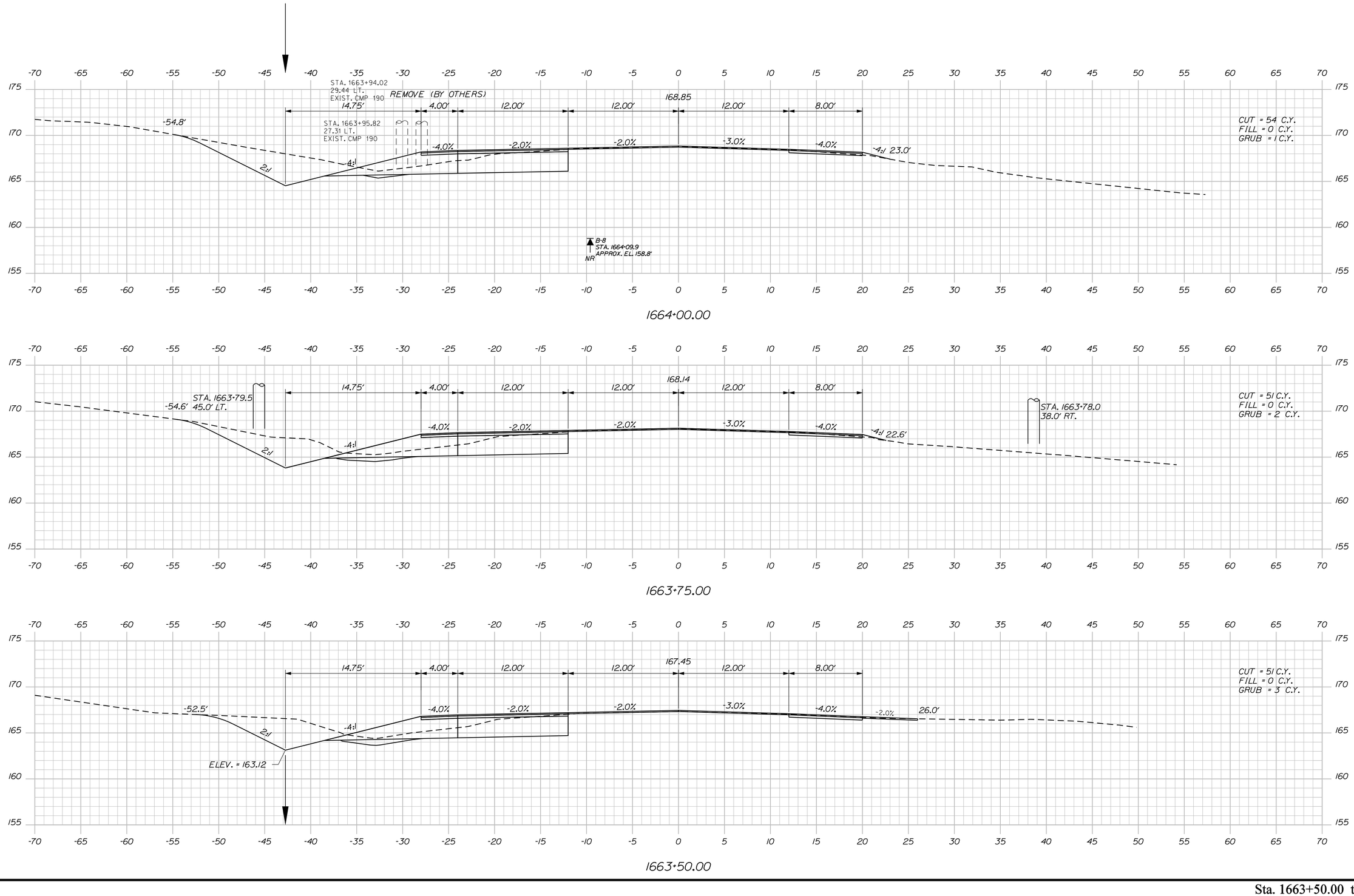
SHEET NUMBER

32

OF 79

Sta. 1663+00.00 to Sta. 1663+33.64

Filename: ...\032_XSECT_1663+00_024.dgn Division: HIGHWAY Username: morin Date:11/13/2018



Sta. 1663+50.00 to Sta. 1664+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE 4226

P.E. NUMBER 11/13/2018

DATE

ARUNDEL
RTE 111

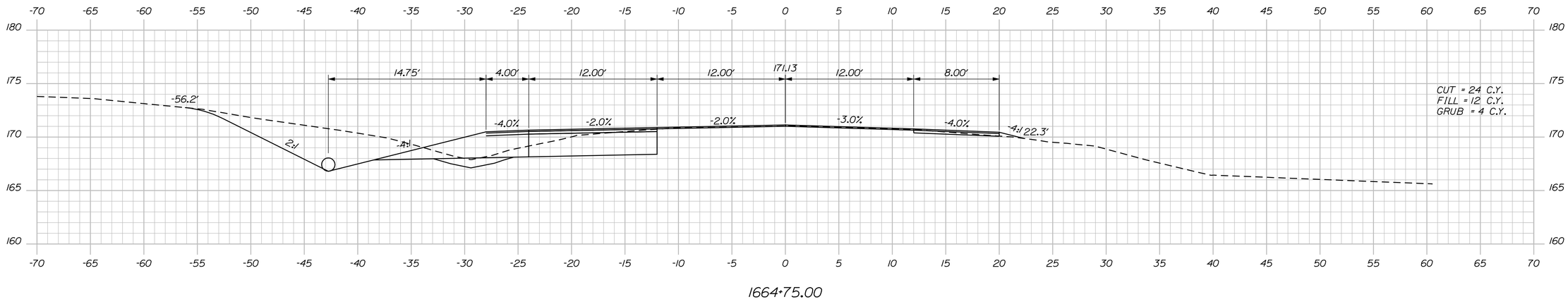
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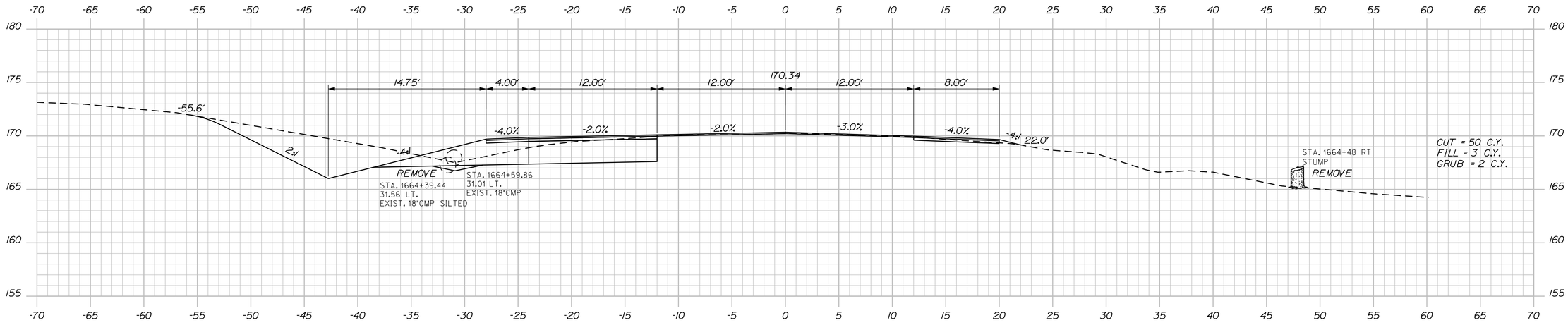
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OF 79

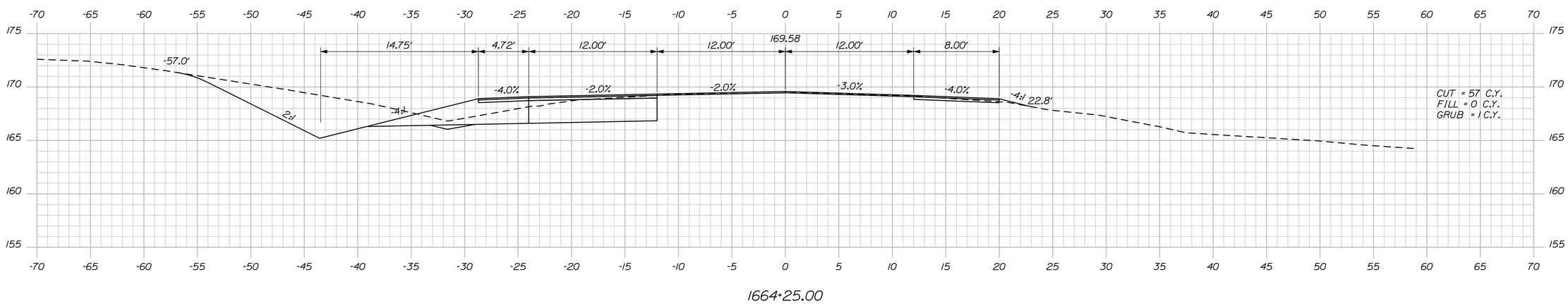
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1664+75.00



1664+50.00



1664+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

SIGNATURE 4226

P.E. NUMBER 11/13/2018

DATE

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ARUNDEL
RTE 111

CROSS SECTIONS

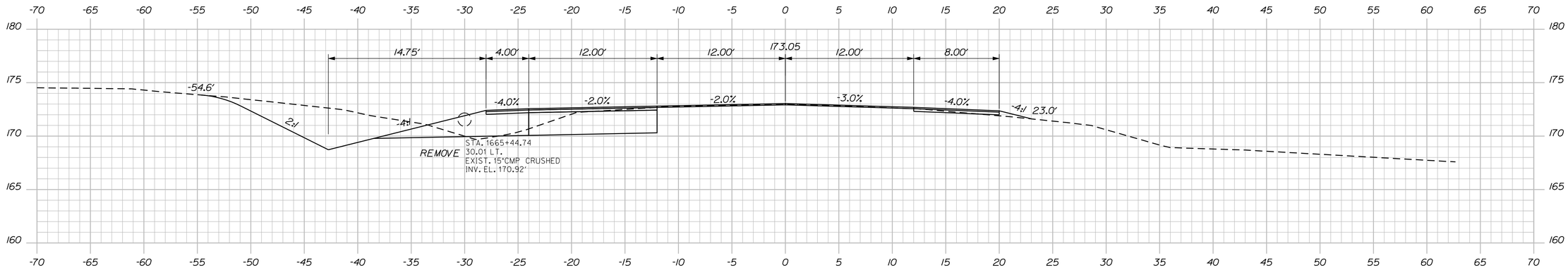
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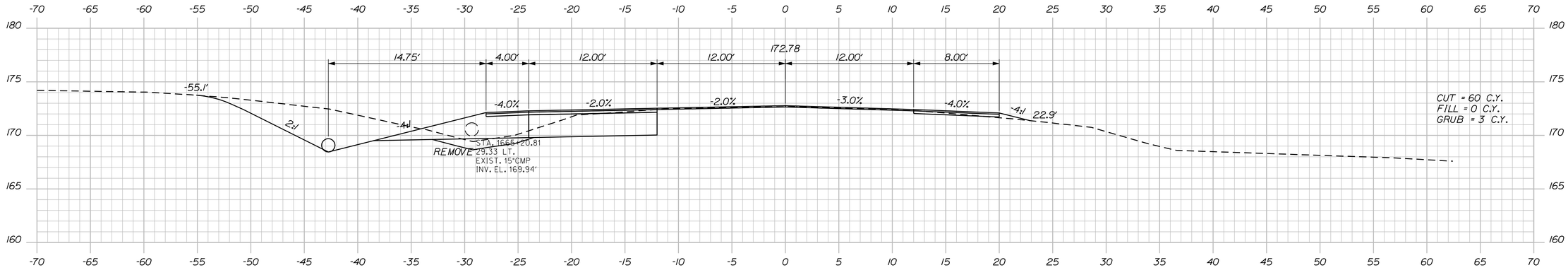
OF 79

Sta. 1664+25.00 to Sta. 1664+75.00

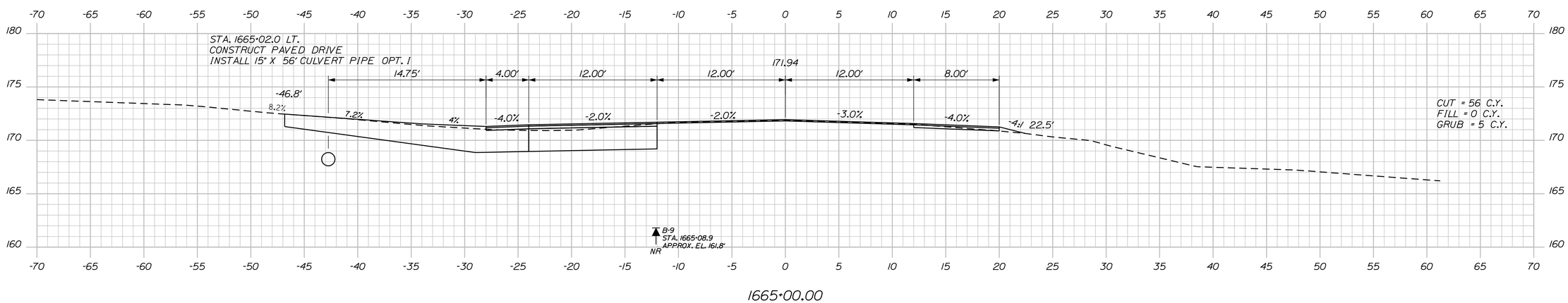
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1665+32.87



1665+25.00



1665+00.00

Sta. 1665+00.00 to Sta. 1665+32.87

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE 4226

P.E. NUMBER 11/13/2018

DATE

ARUNDEL
RTE 111

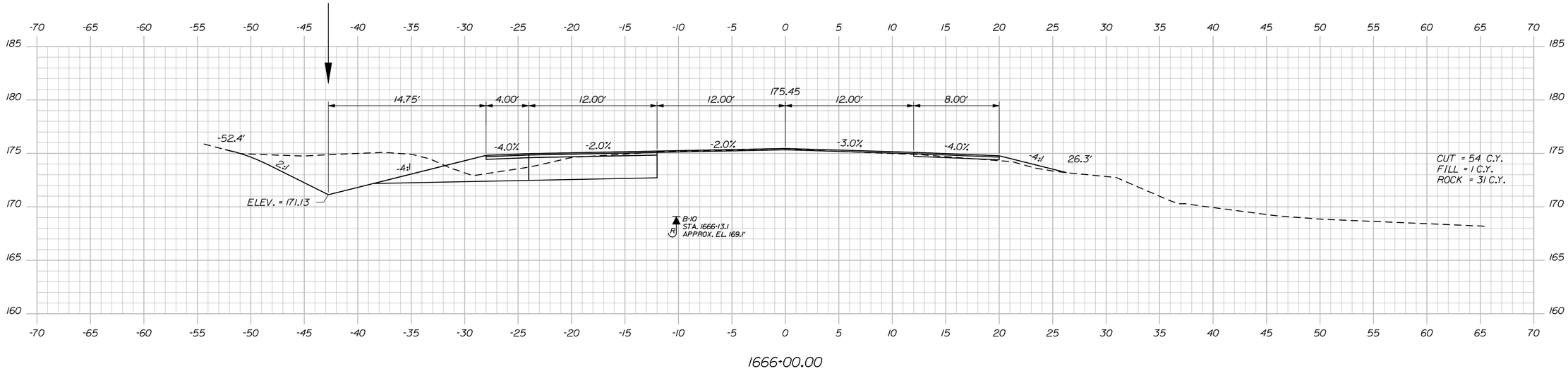
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SHEET NUMBER

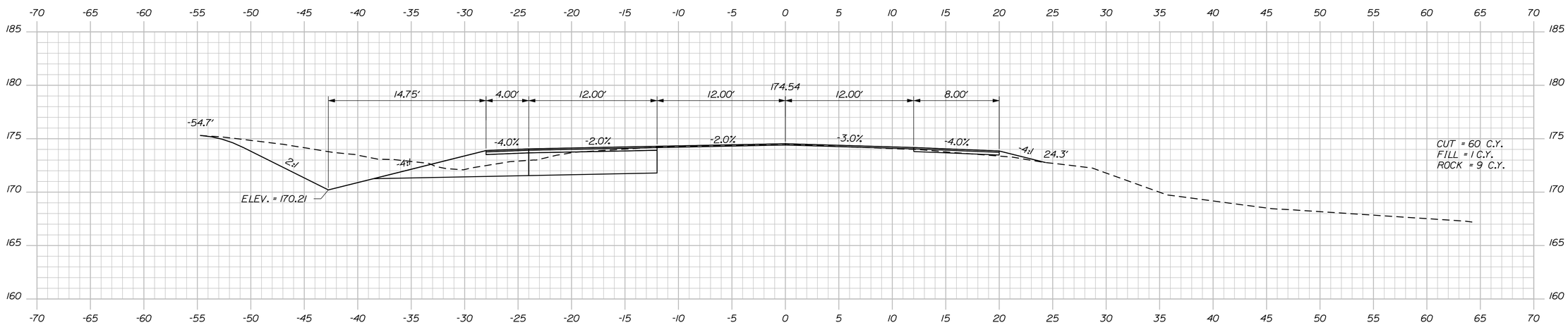
35

OF 79

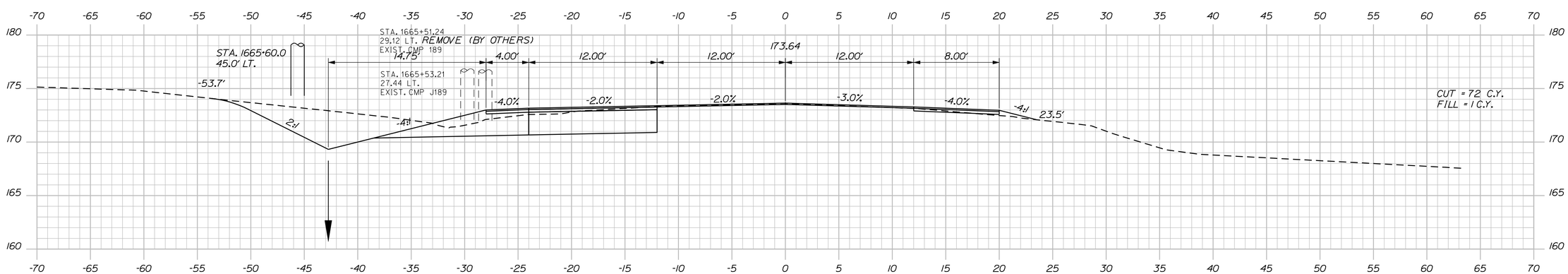
Filename: ...\035_XSECT_1665+00_027.dgn Division: HIGHWAY Username: morin Date:11/13/2018



1666+00.00



1665+75.00



1665+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	BY	2017
CHECKED-REVIEWED	ALG		9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

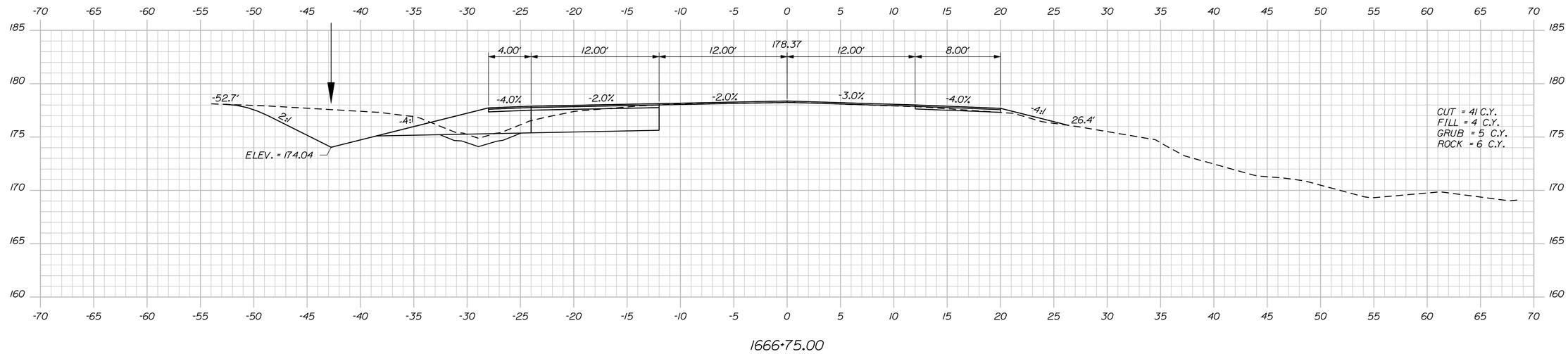
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36

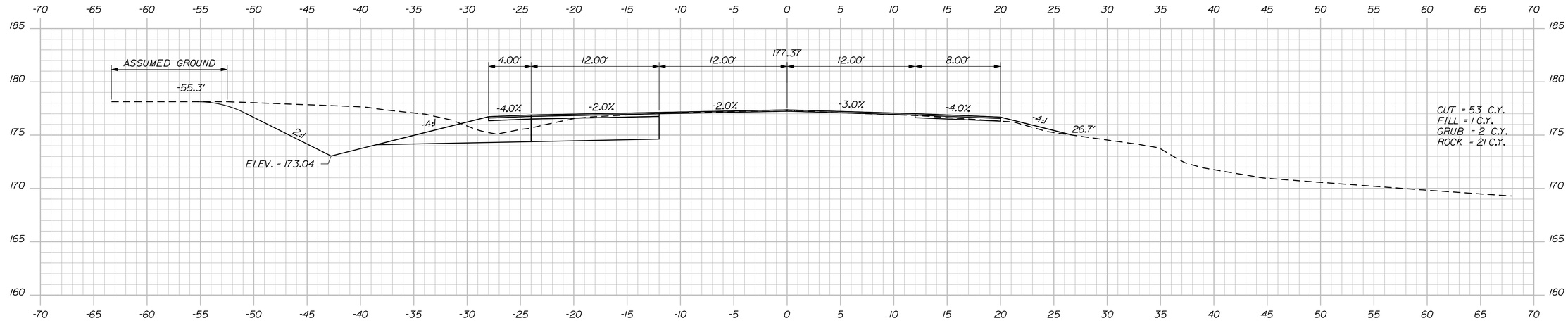
OF 79

Sta. 1665+50.00 to Sta. 1666+00.00

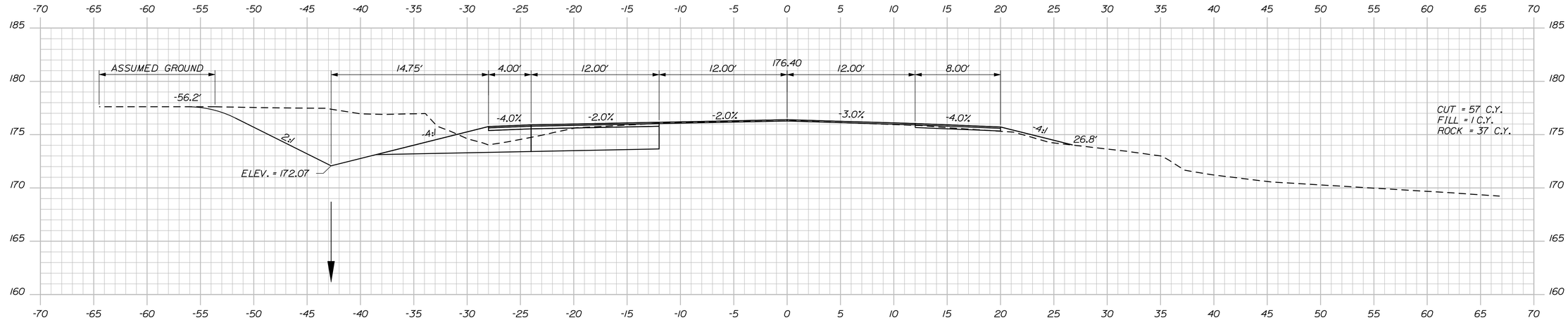
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1666+75.00



1666+50.00



1666+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	E.MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

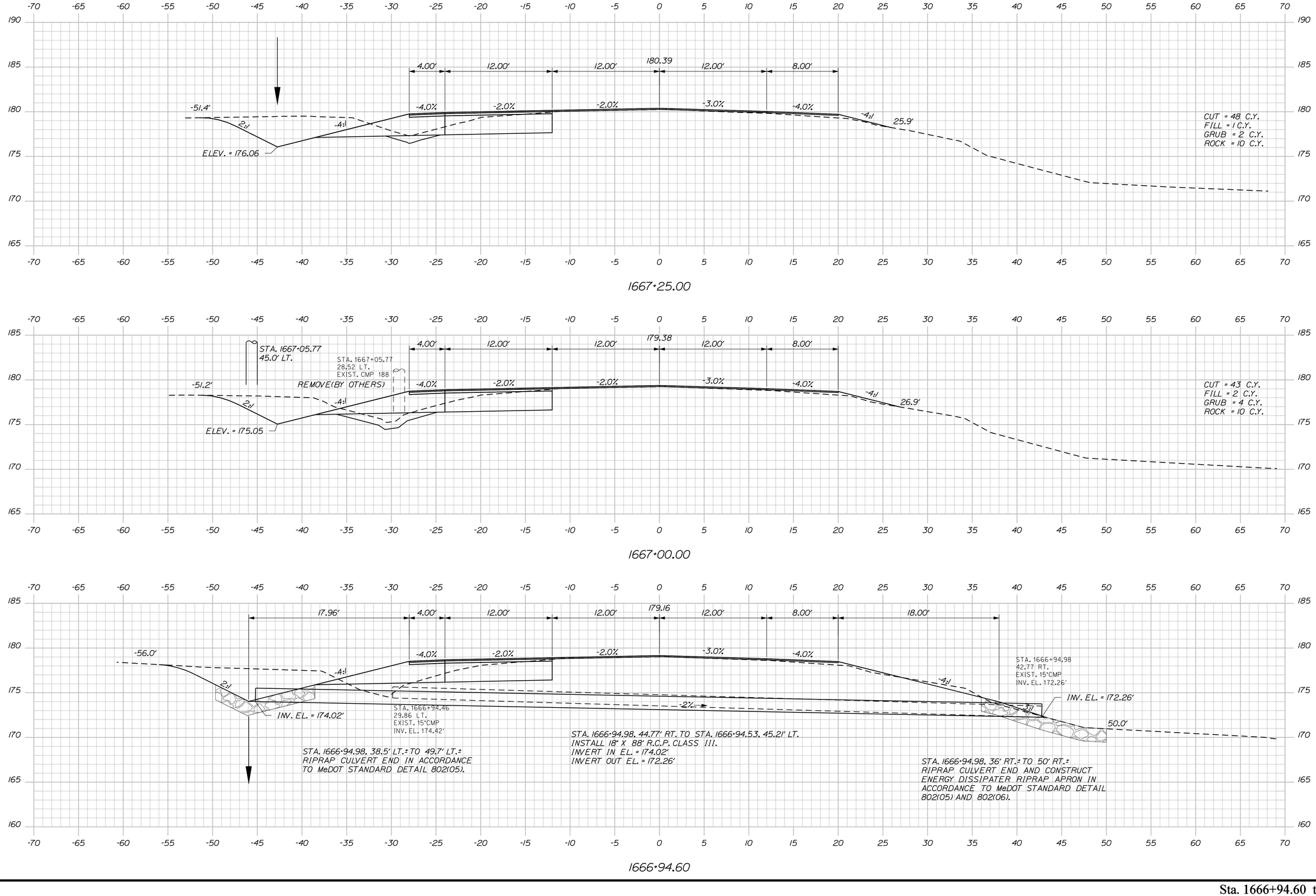
ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER
37
OF 79

Sta. 1666+25.00 to Sta. 1666+75.00

Filename: ...\037_XSECT_1666+25_029.dgn Division: HIGHWAY Username: morin Date:11/13/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

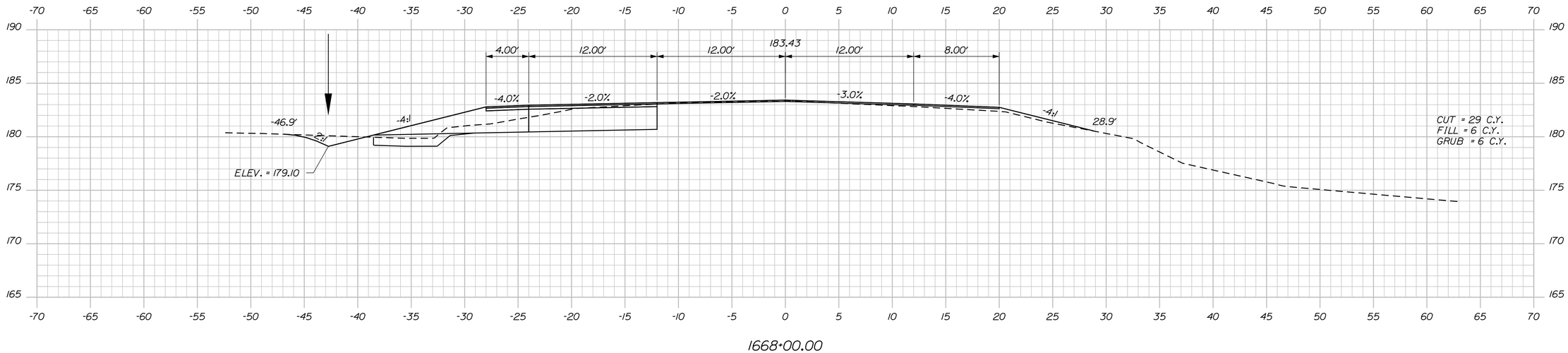
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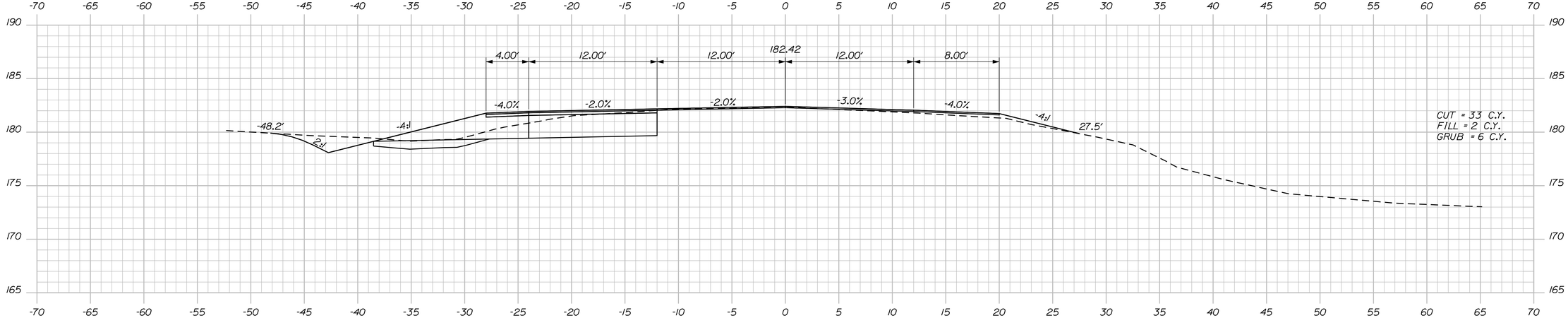
OF 79

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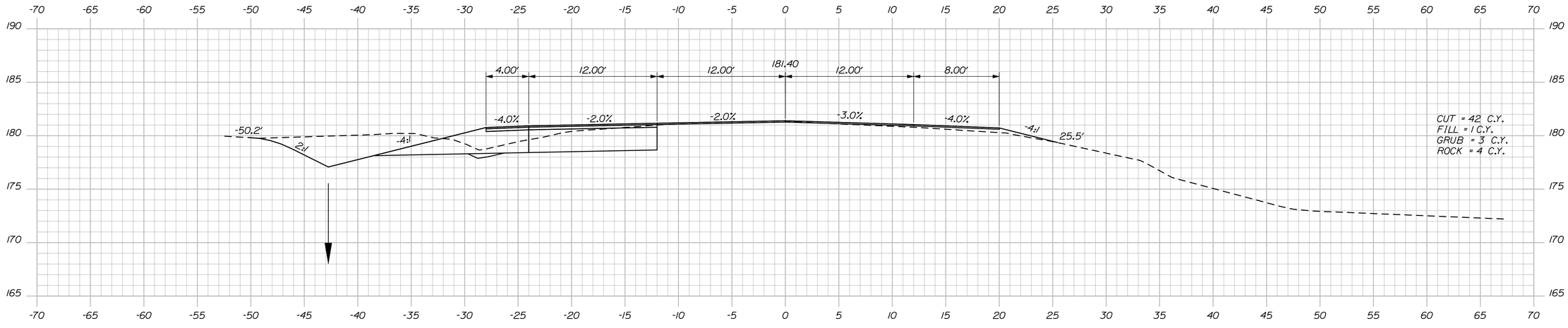
Sta. 1666+94.60 to Sta. 1667+25.00



1668+00.00



1667+75.00



1667+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	BY	DATE
E.MARTIN		
PROJ. MANAGER		
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE 4226

P.E. NUMBER 11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

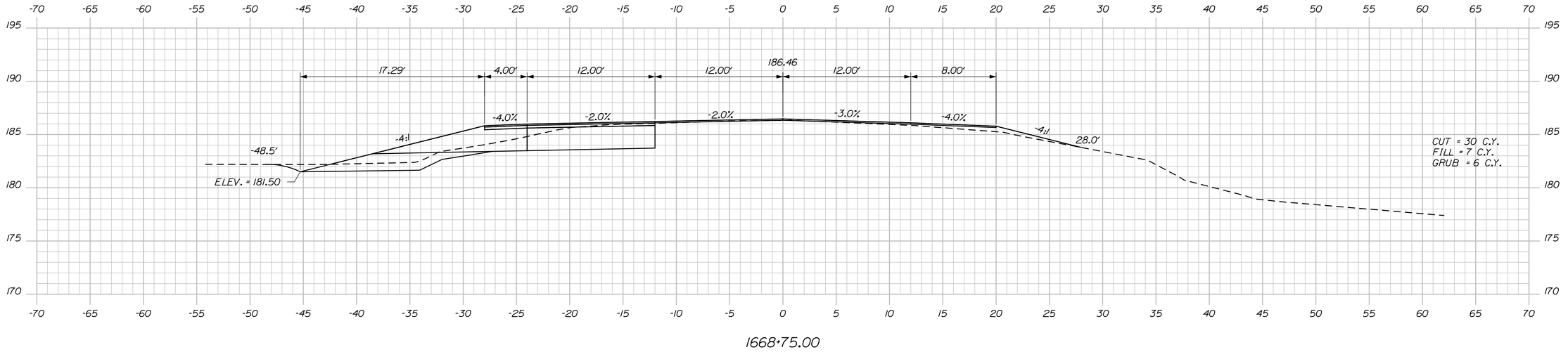
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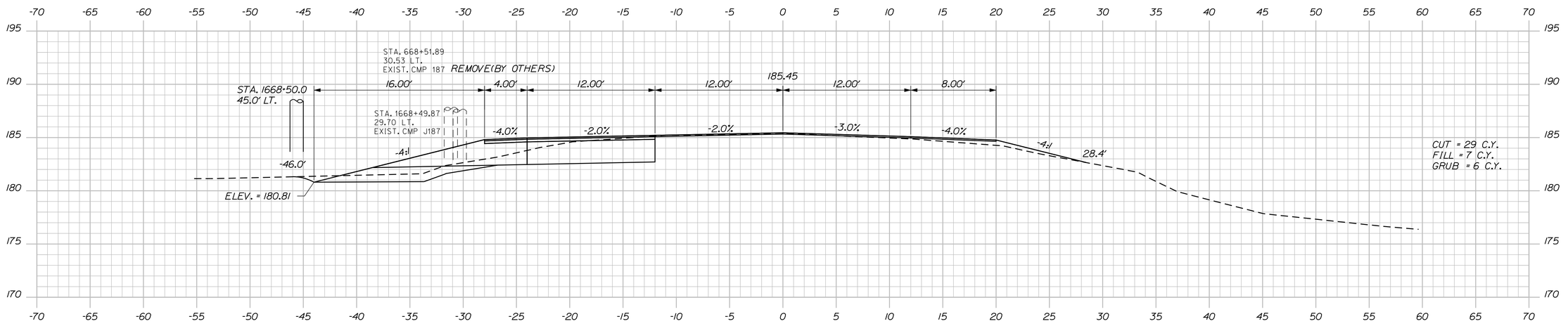
OF 79

Sta. 1667+50.00 to Sta. 1668+00.00

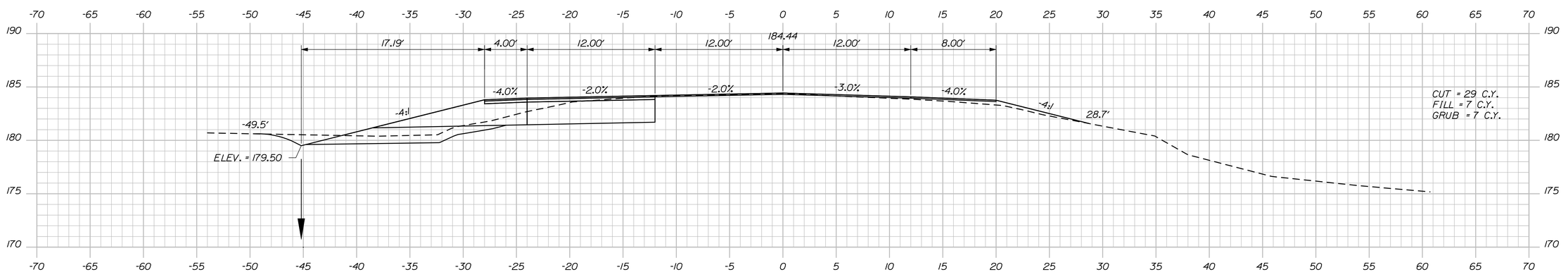
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1668+75.00



1668+50.00



1668+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALG
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	MSM	2017
REVISIONS 2	ALG	9/18
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

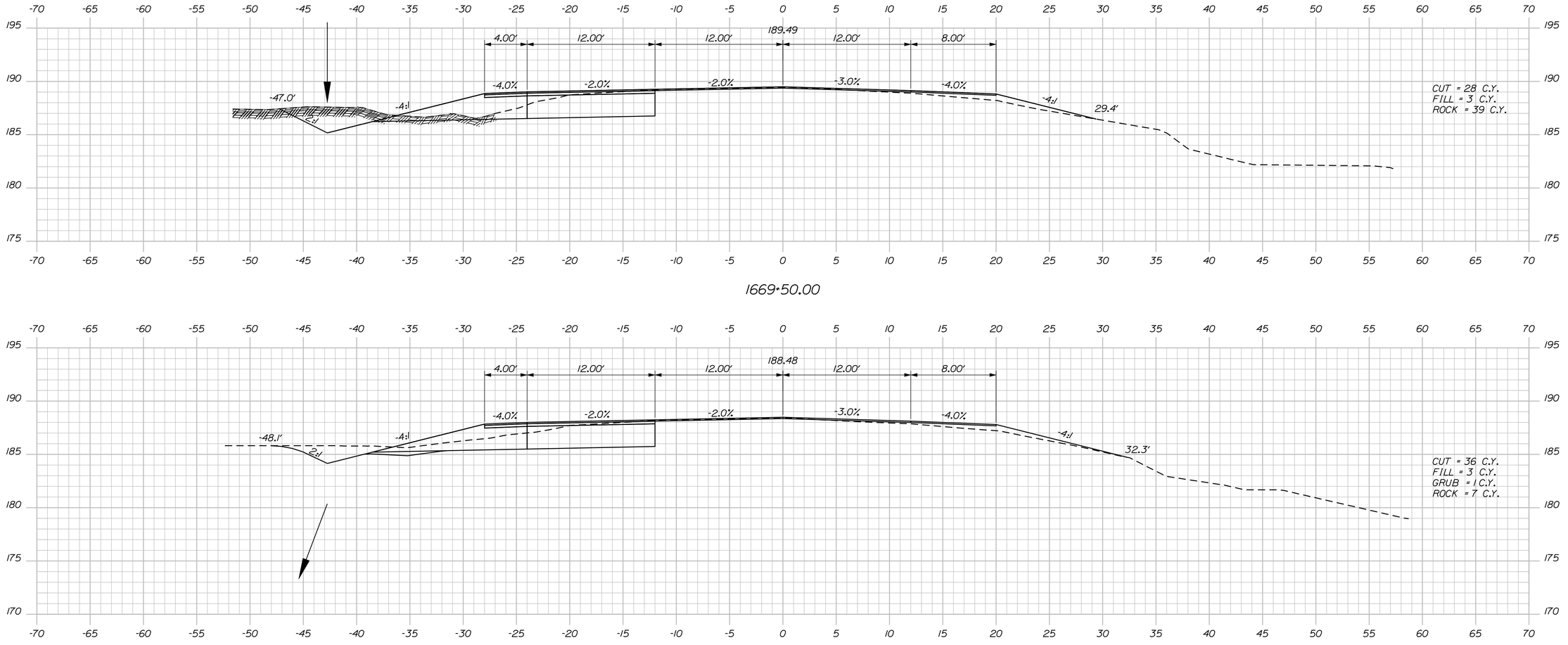
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40

OF 79

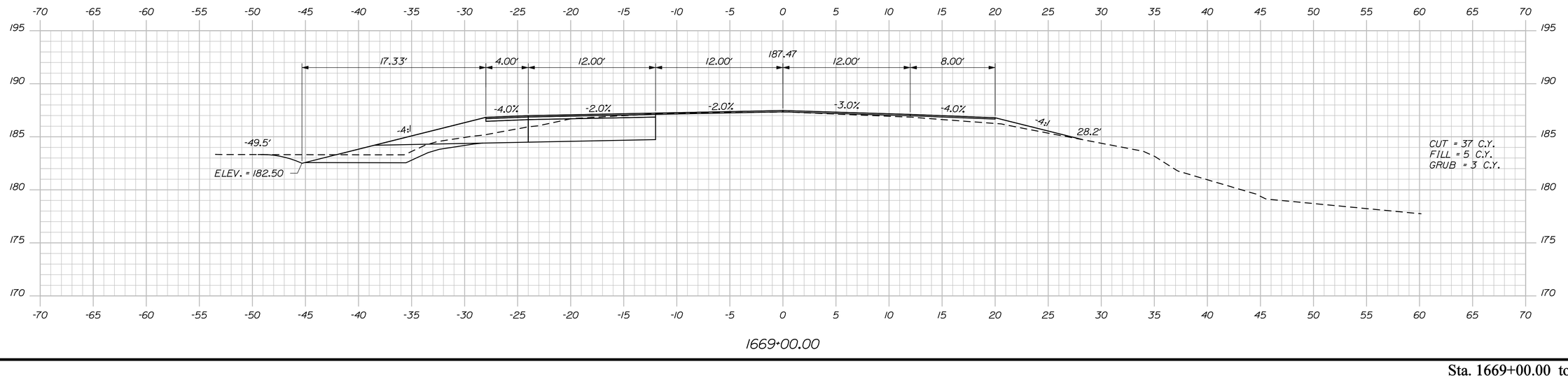
Sta. 1668+25.00 to Sta. 1668+75.00

Filename: ...\040_XSECT_1668+25_032.dgn Division: HIGHWAY Username: morin Date:11/13/2018



1669+50.00

1669+25.00



1669+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2	ALG		
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

ARUNDEL
RTE 111

CROSS SECTIONS

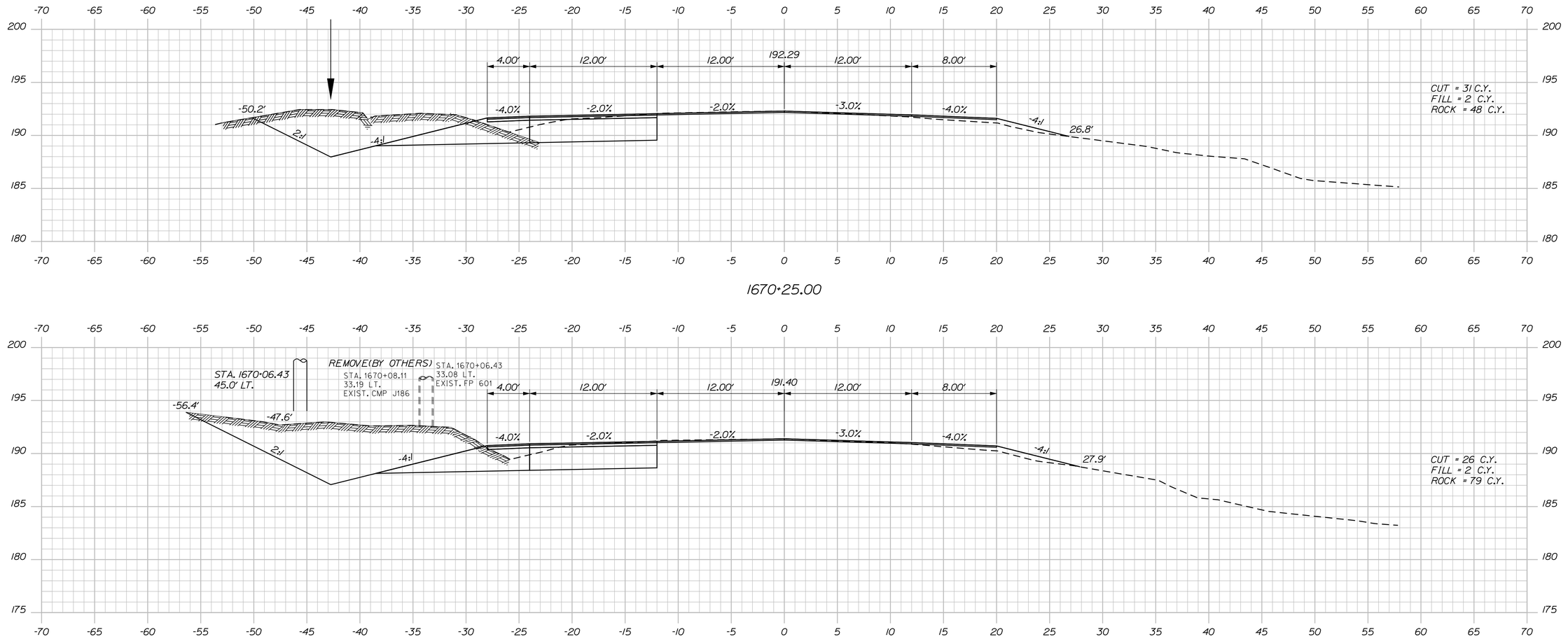
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41

OF 79

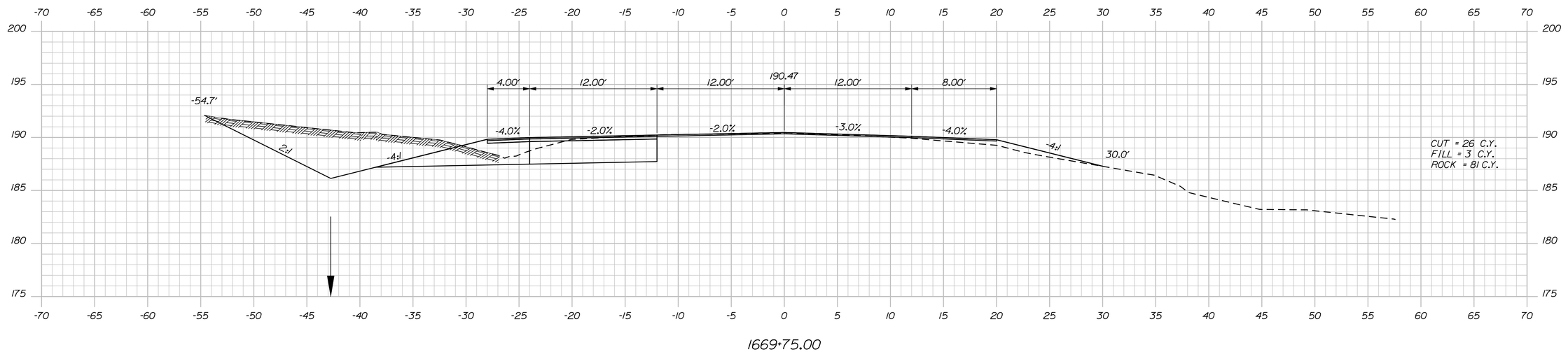
Sta. 1669+00.00 to Sta. 1669+50.00

Filename: ...\041_XSECT_1669+00_033.dgn Division: HIGHWAY Username: morin Date:11/13/2018



1670+25.00

1670+00.00



1669+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
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P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER

42

OF 79

Sta. 1669+75.00 to Sta. 1670+25.00

Filename: ...\042_XSECT_1669+75_034.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER

43

OF 79

Sta. 1670+50.00 to Sta. 1671+00.00

Filename: ...\043_XSECT_1670+50_035.dgn Division: HIGHWAY Username: morin Date:11/13/2018

Filename: ...\044_XSECT_1671+25_036.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	BY	DATE
E.MARTIN		
PROJ. MANAGER	MSM	2017
DESIGN-DETAILED	MSM	9/18
CHECKED-REVIEWED	ALG	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

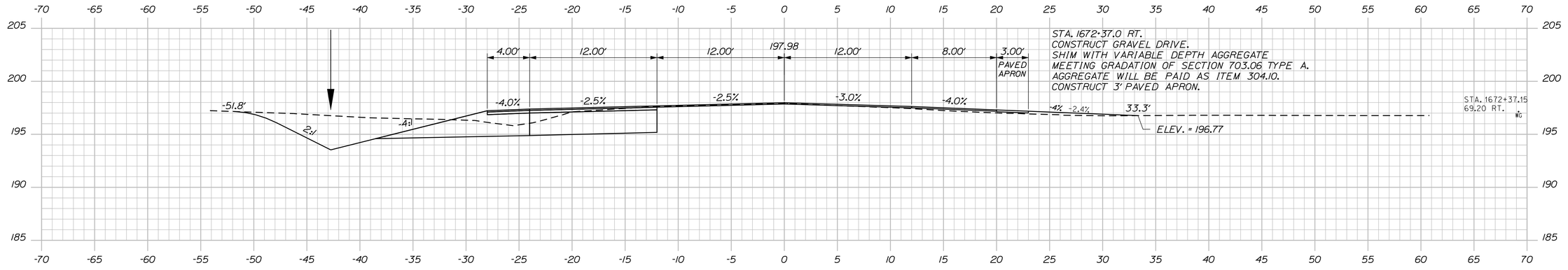
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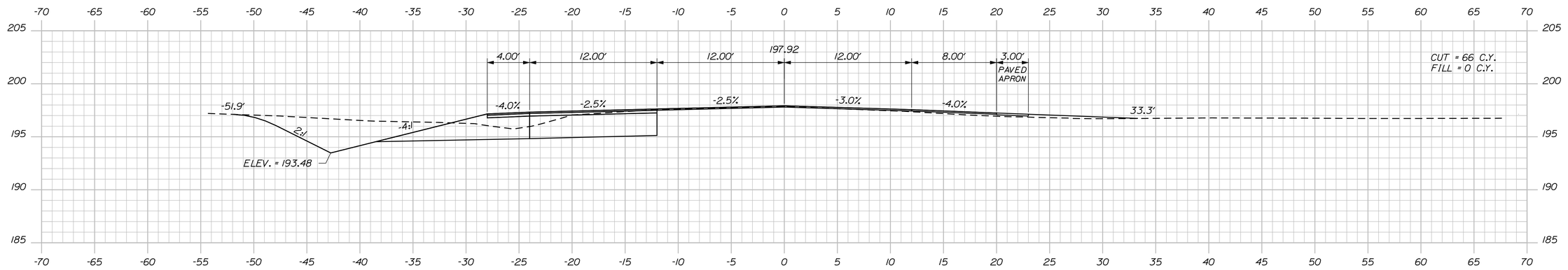
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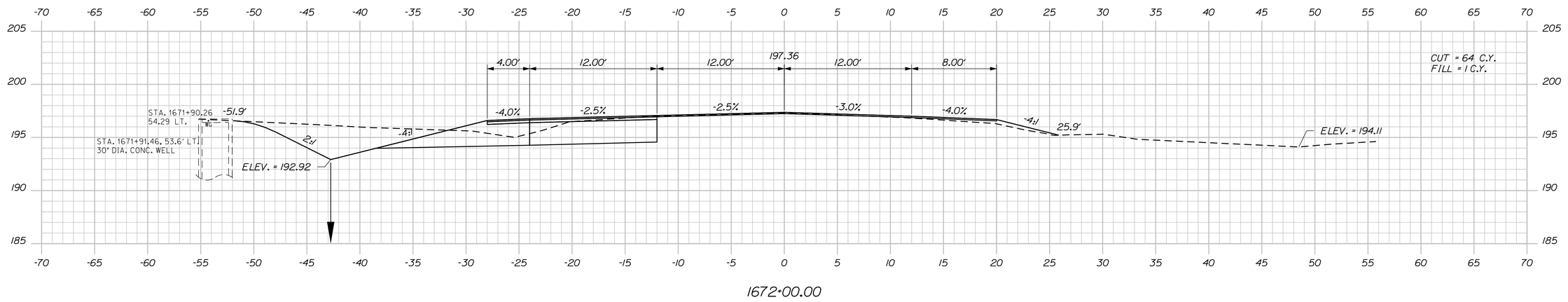
44

OF 79

Sta. 1671+25.00 to Sta. 1671+75.00







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	MSM 2017
CHECKED-REVIEWED	ALG	ALG 9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE 4226

P.E. NUMBER 11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

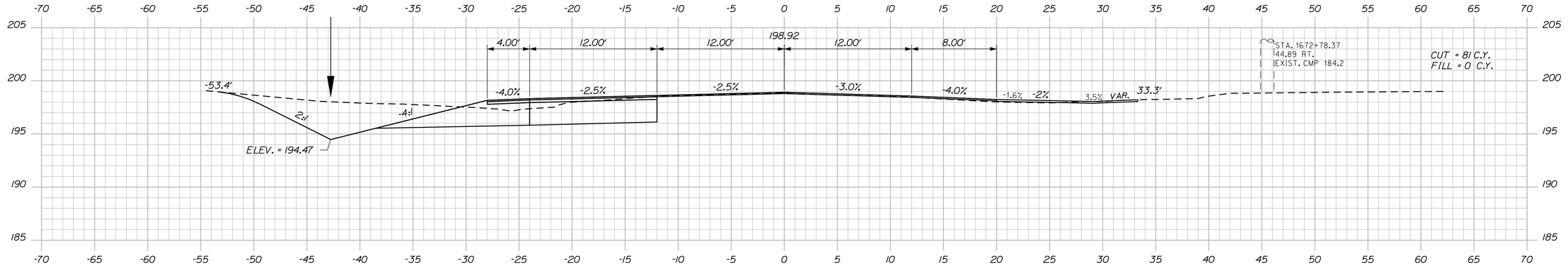
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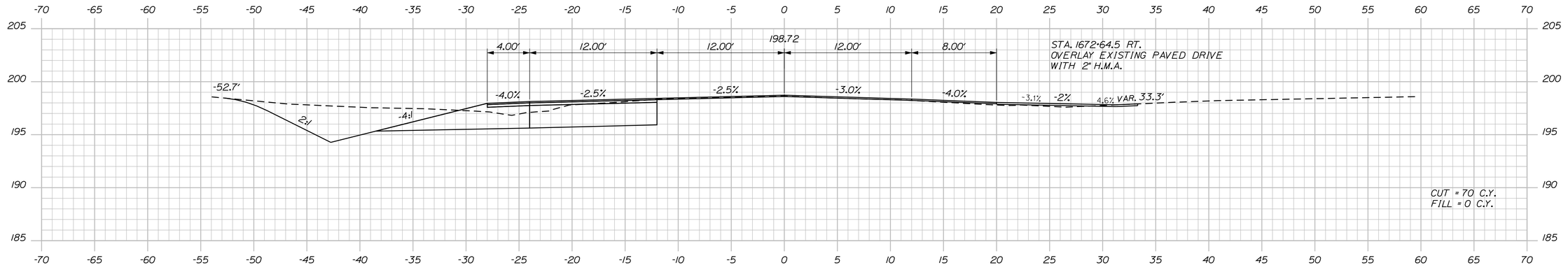
OF 79

Sta. 1672+00.00 to Sta. 1672+27.58

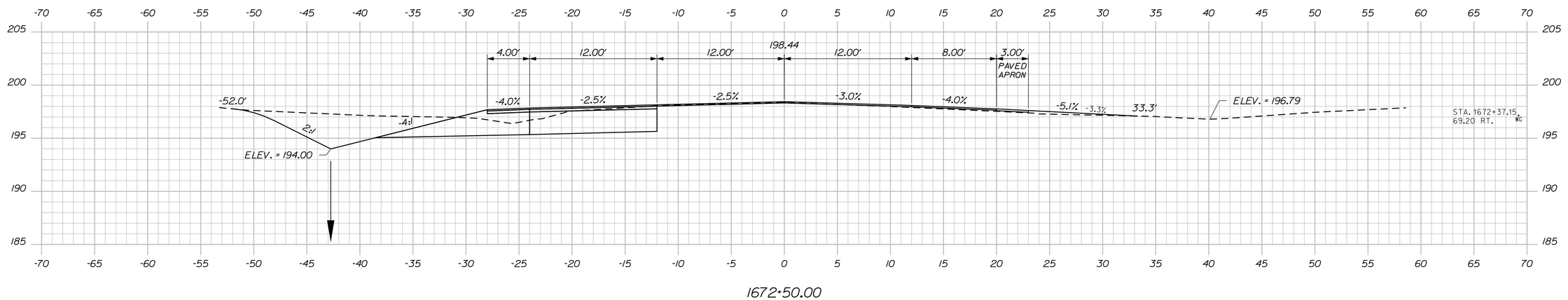
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1672+75.00



1672+64.50



1672+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

SIGNATURE 4226

P.E. NUMBER 11/13/2018

DATE

	E.MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ARUNDEL
RTE 111

CROSS SECTIONS

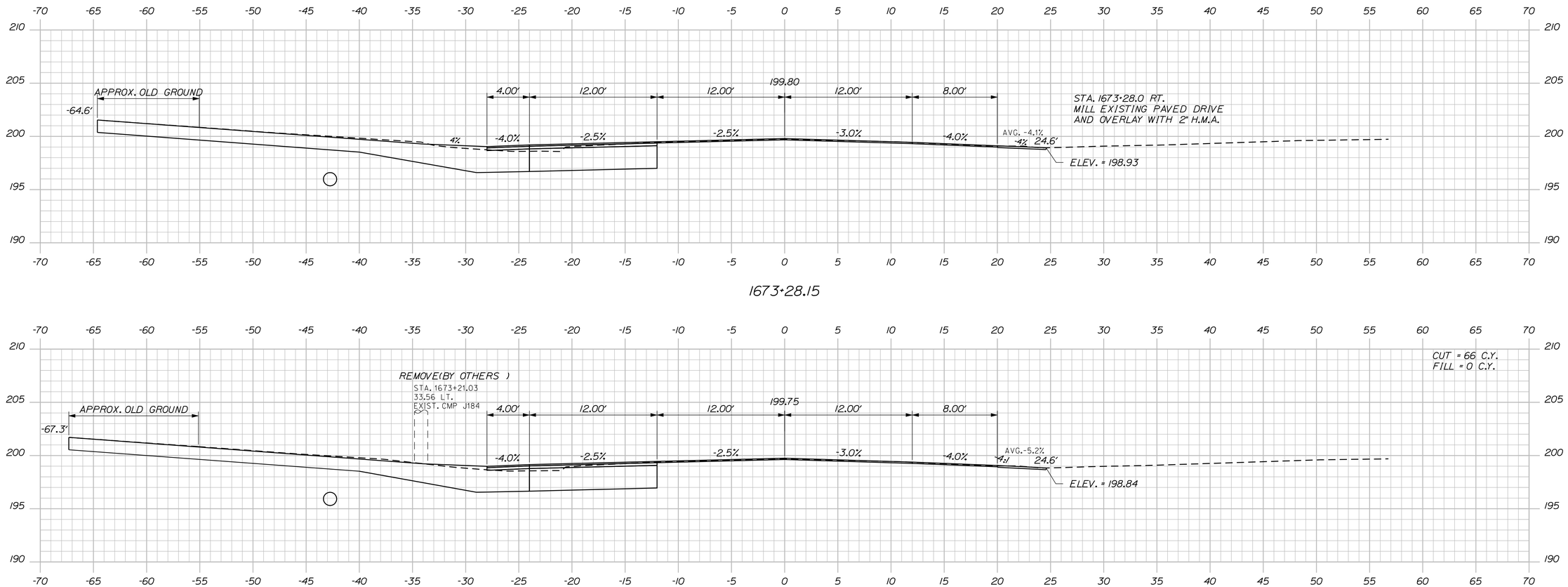
SHEET NUMBER

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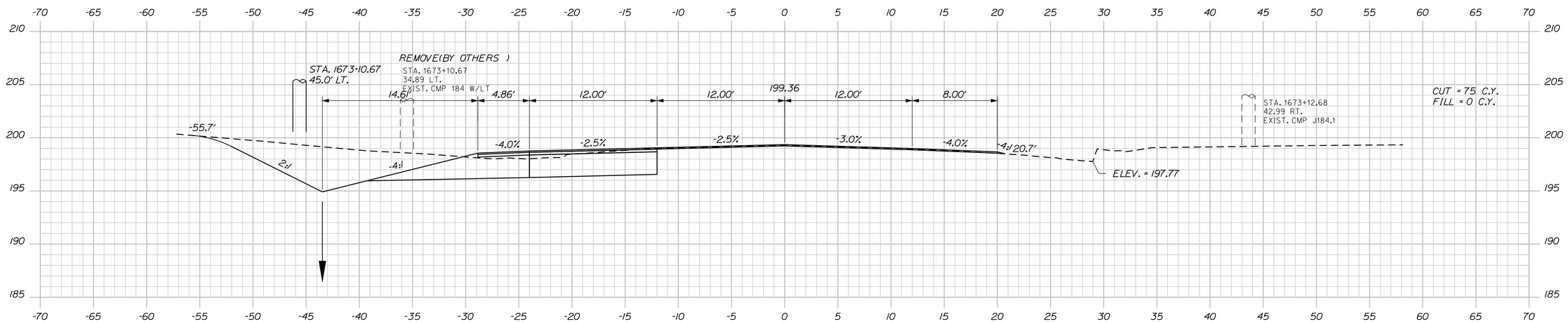
Sta. 1672+50.00 to Sta. 1672+75.00

Filename: ...\046_XSECT_1672+50_038.dgn Division: HIGHWAY Username: morin Date:11/13/2018



1673+28.15

1673+25.00



1673+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

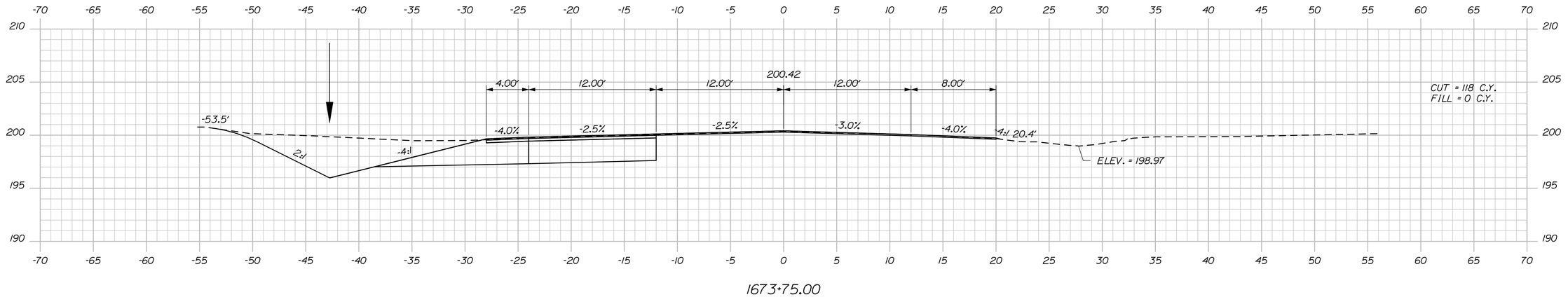
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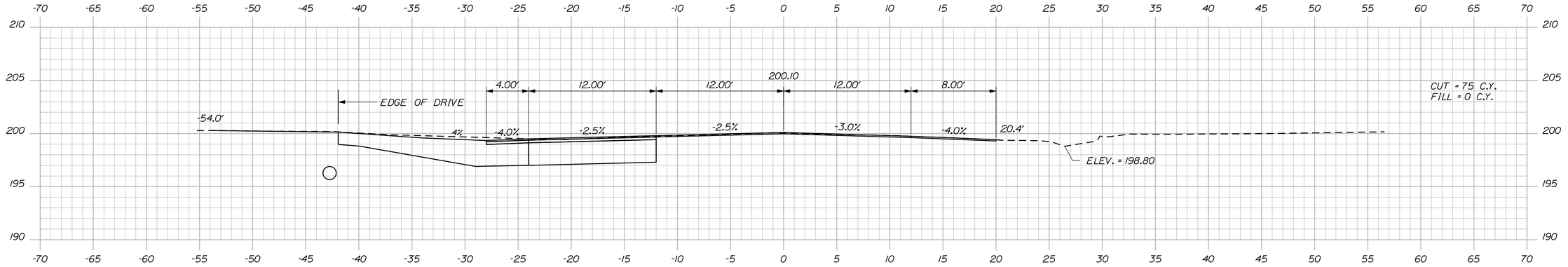
OF 79

Sta. 1673+00.00 to Sta. 1673+28.15

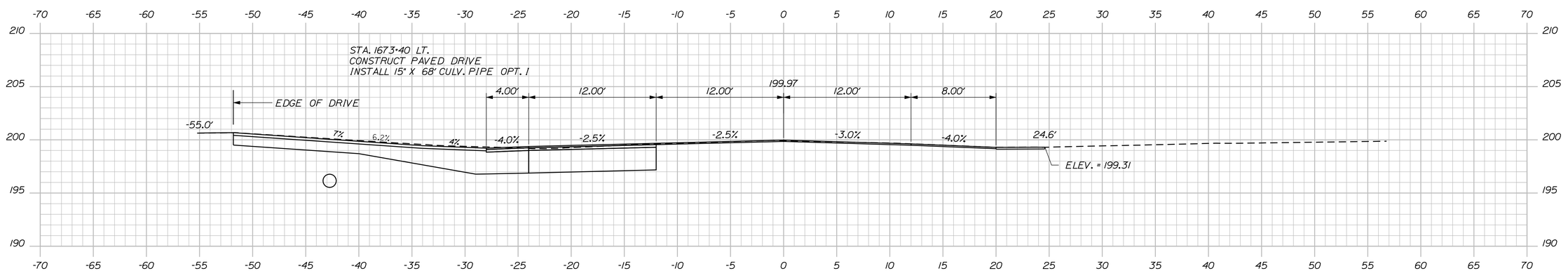
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1673+75.00



1673+50.00



1673+40.44

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

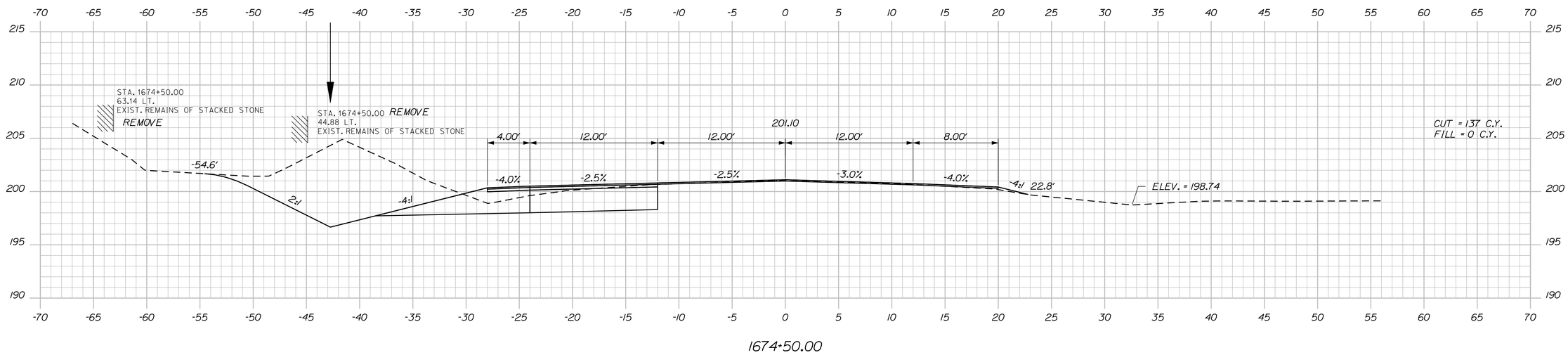
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48

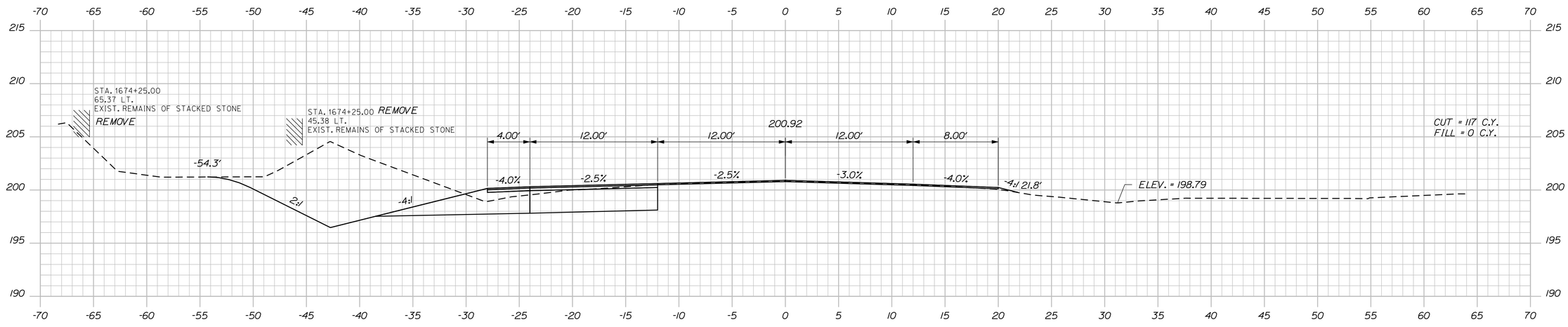
OF 79

Sta. 1673+40.44 to Sta. 1673+75.00

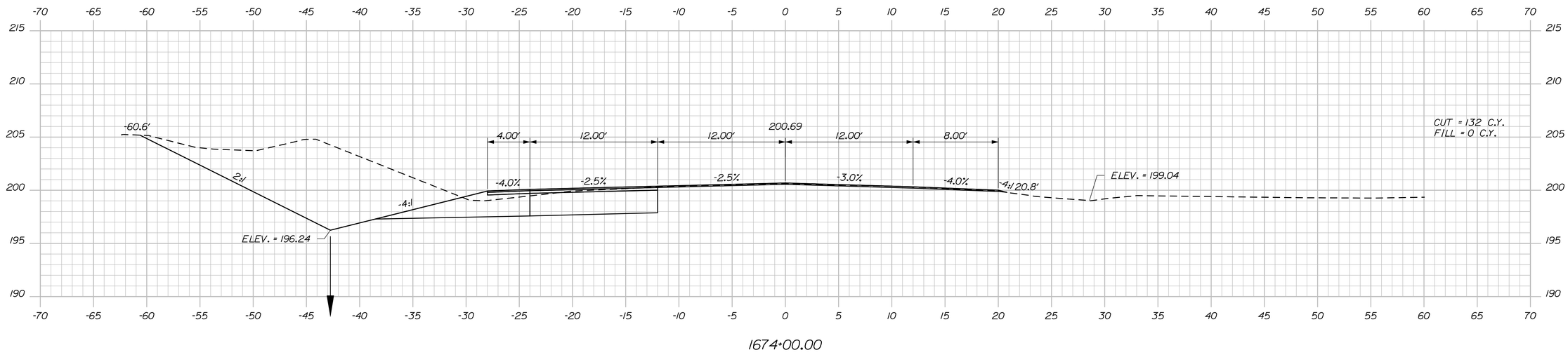
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1674+50.00



1674+25.00



1674+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

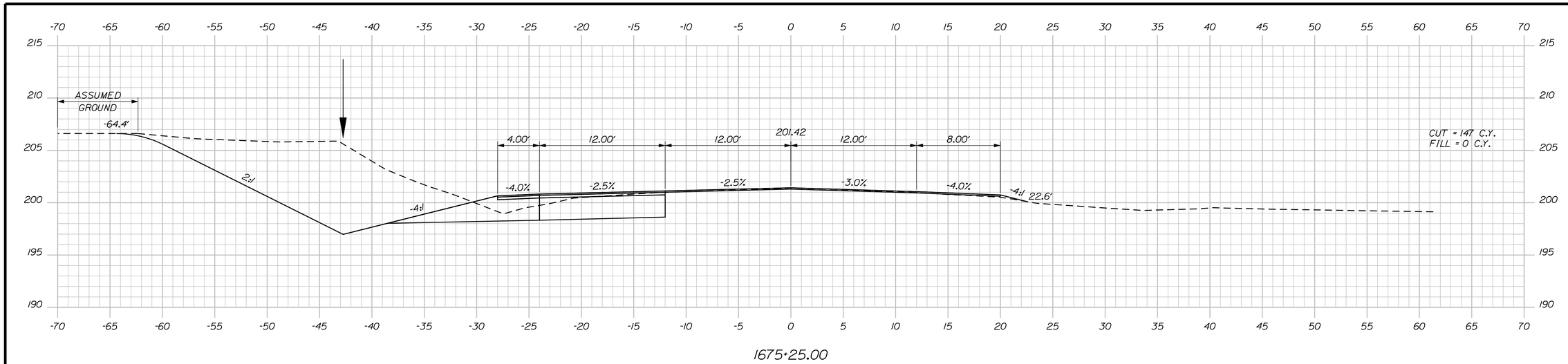
SHEET NUMBER

49

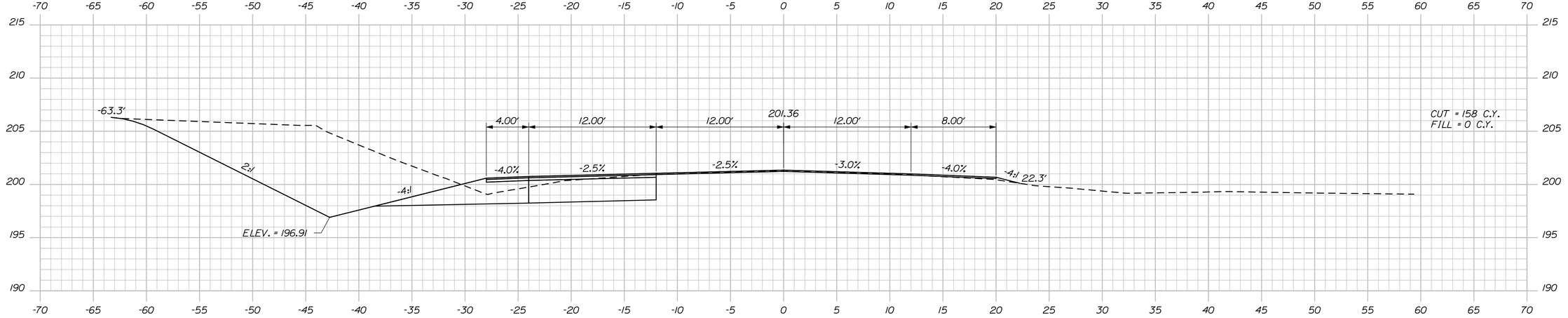
OF 79

Sta. 1674+00.00 to Sta. 1674+50.00

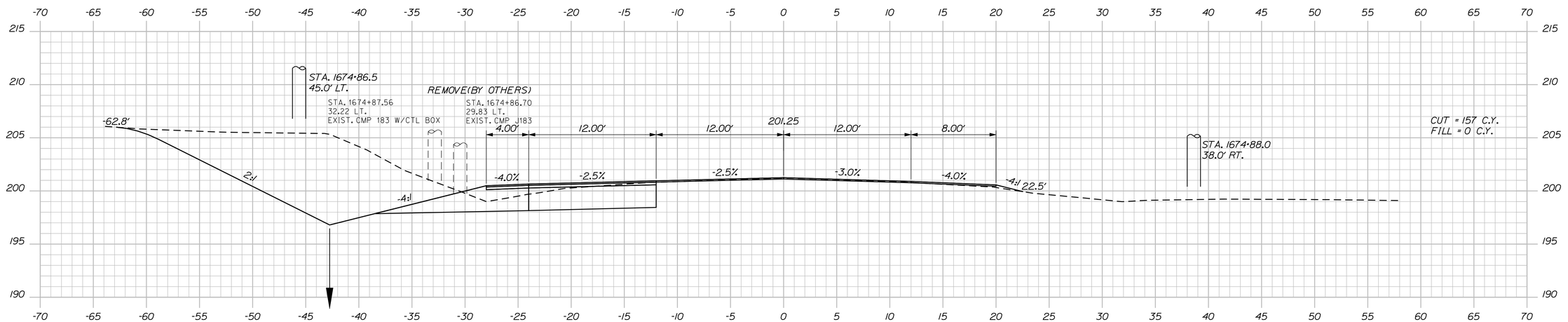
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1675+25.00



1675+00.00



1674+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	BY	DATE
CHECKED-REVIEWED	ALG	MSM	2017
DESIGN2-DETAILED2		ALG	9/18
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

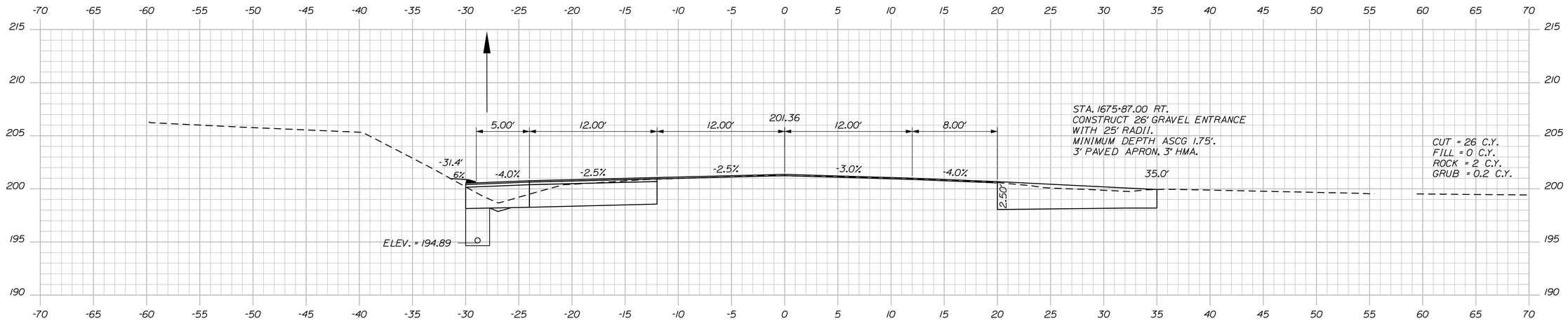
SHEET NUMBER

50

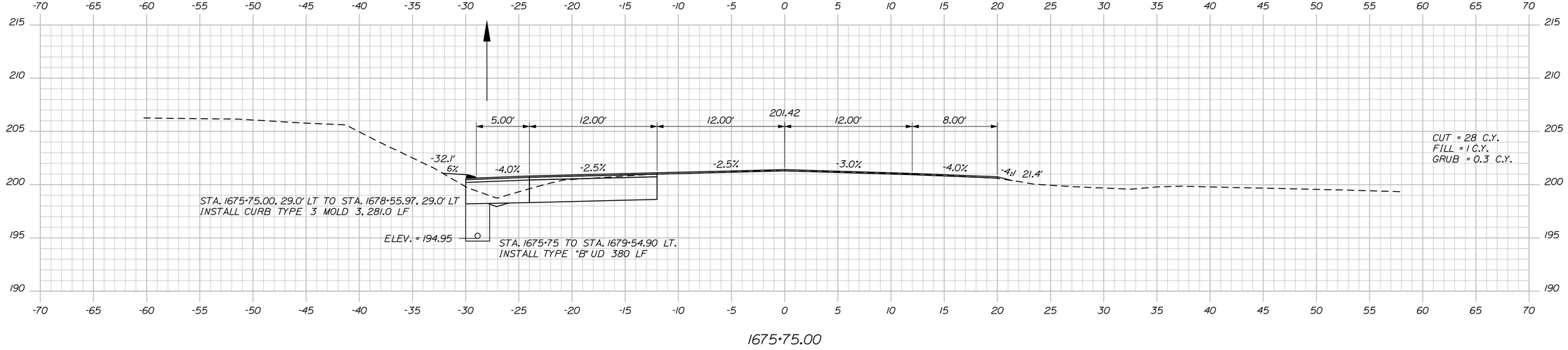
OF 79

Sta. 1674+75.00 to Sta. 1675+25.00

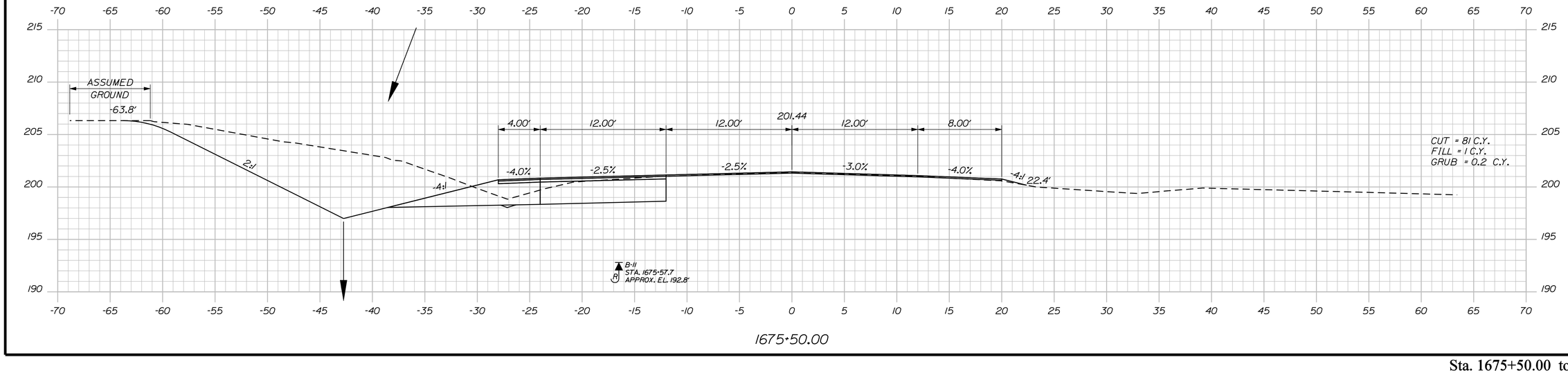
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1676+00.00



1675+75.00



1675+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

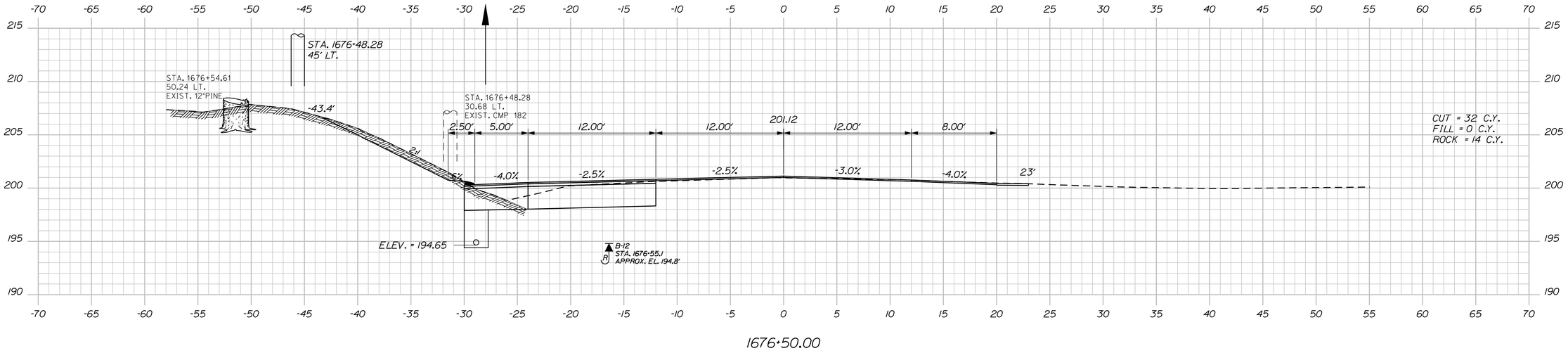
ARUNDEL
RTE 111

CROSS SECTIONS

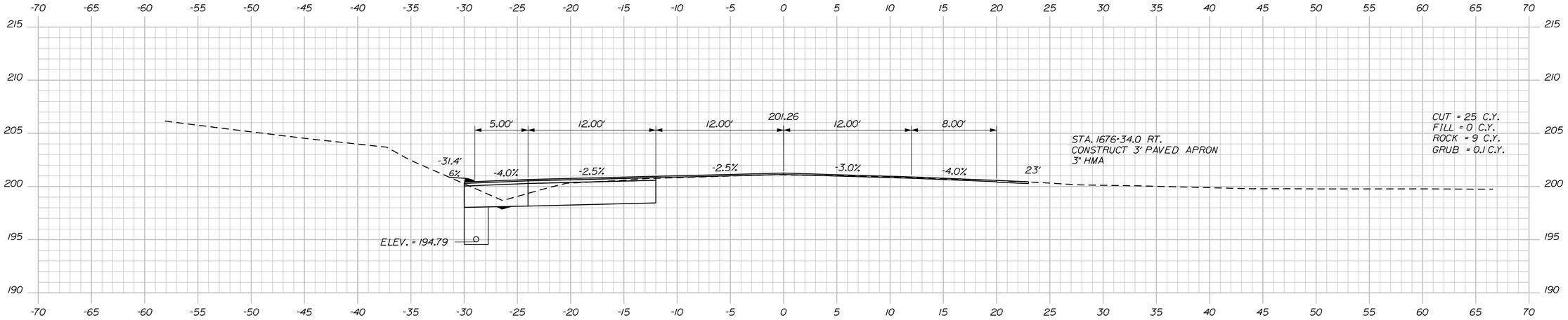
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51
OF 79

Sta. 1675+50.00 to Sta. 1676+00.00

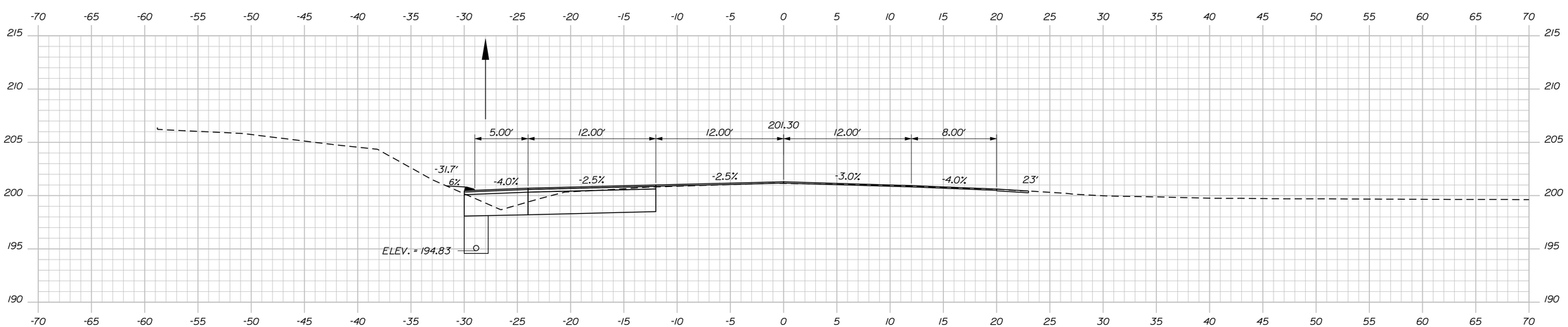
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1676+50.00



1676+25.00



1676+16.88

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

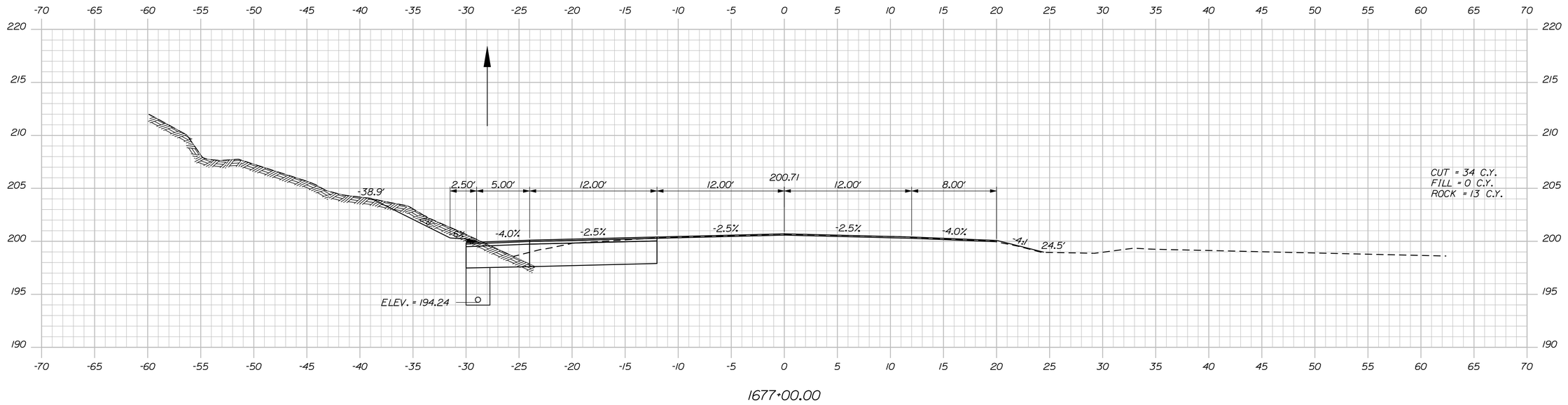
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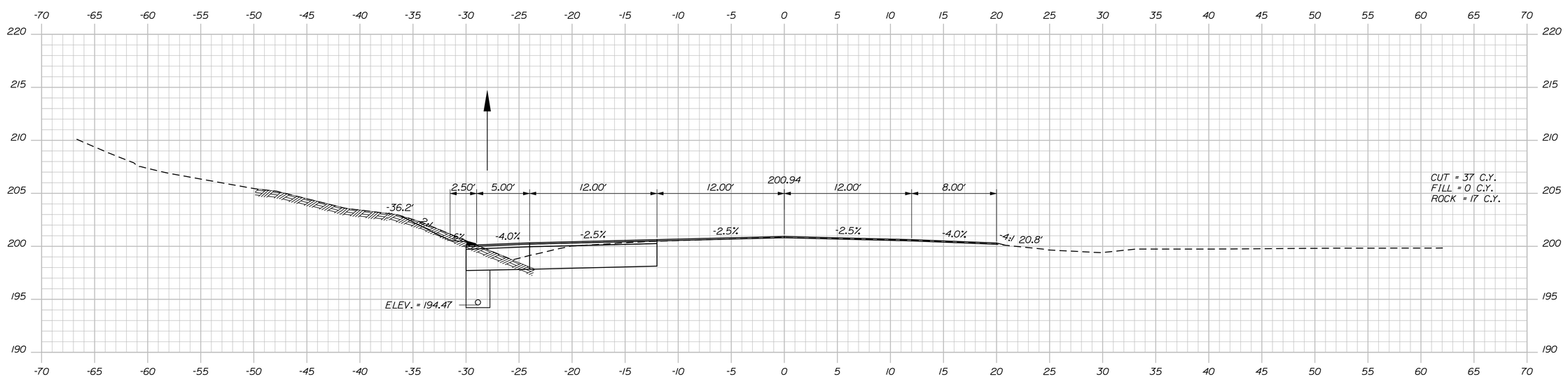
OF 79

Sta. 1676+16.88 to Sta. 1676+50.00

Filename: ...\052_XSECT_1676+16_044.dgn Division: HIGHWAY Username: morin Date:11/13/2018



1677+00.00



1676+75.00

Sta. 1676+75.00 to Sta. 1677+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

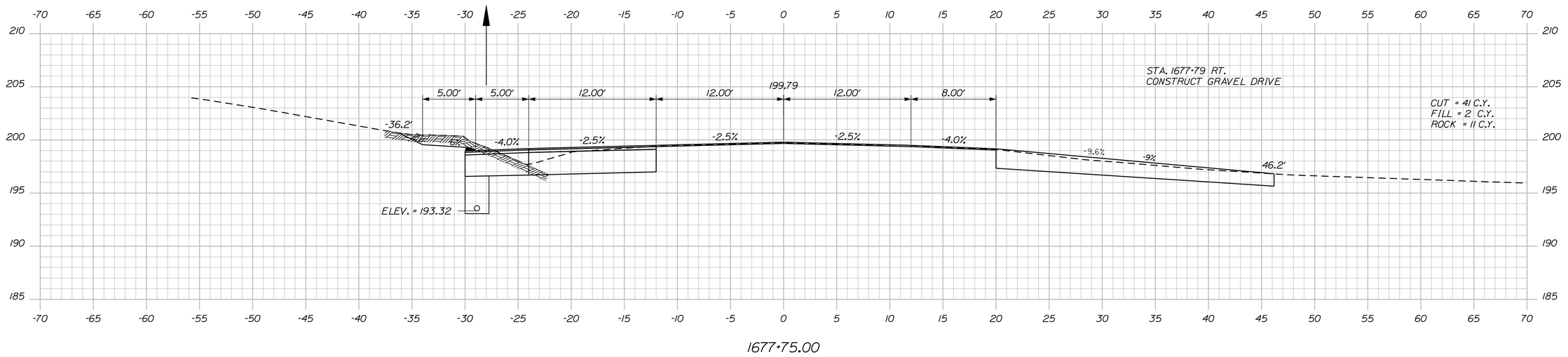
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SHEET NUMBER

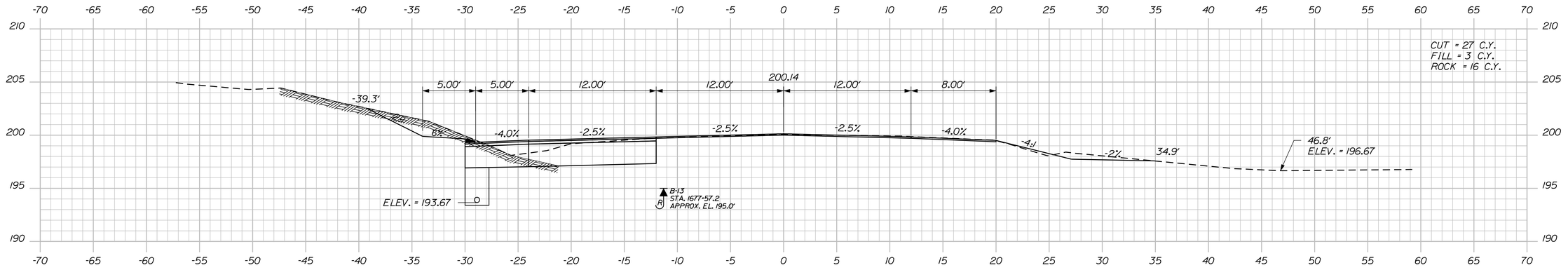
53

OF 79

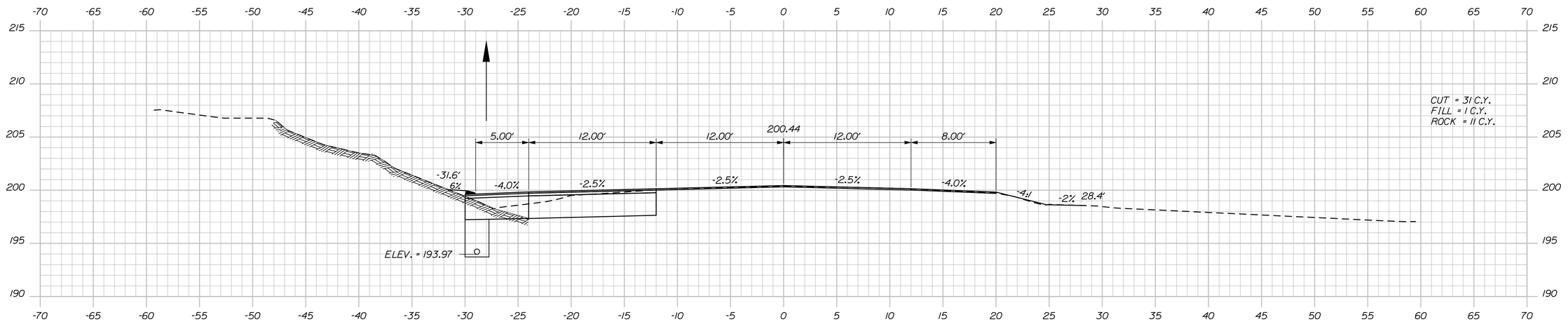
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1677+75.00



1677+50.00



1677+25.00

Filename: ...\054_XSECT_1677+25_046.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALG
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

BY	DATE
MSM	2017
ALG	9/18

SIGNATURE
4226

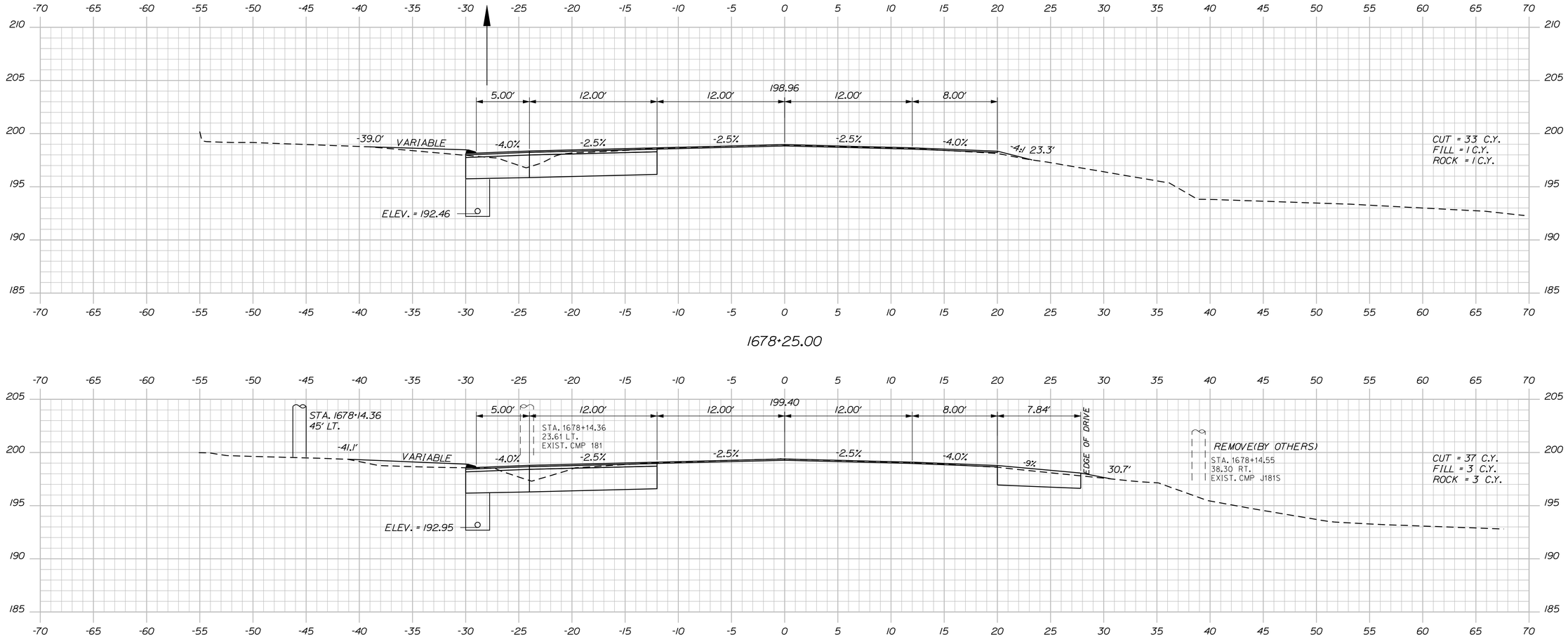
P.E. NUMBER
11/13/2018
DATE

ARUNDEL
RTE 111

CROSS SECTIONS

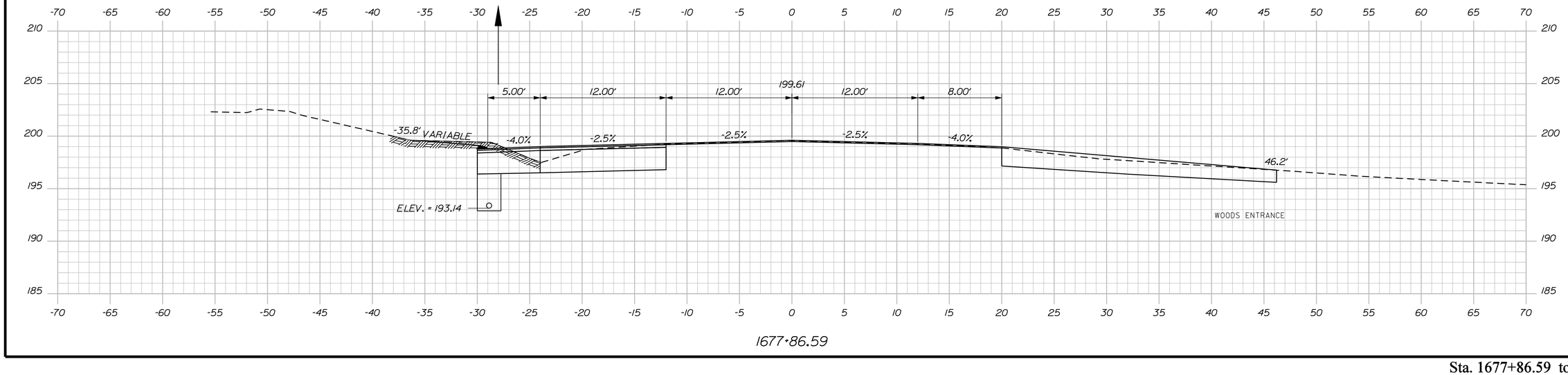
SHEET NUMBER
54
OF 79

Sta. 1677+25.00 to Sta. 1677+75.00



1678+25.00

1678+00.00



1677+86.59

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

SIGNATURE 4226

P.E. NUMBER 11/13/2018

DATE

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2		ED2	
DESIGN3-DETAILED3		ED3	
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

ARUNDEL
RTE 111

CROSS SECTIONS

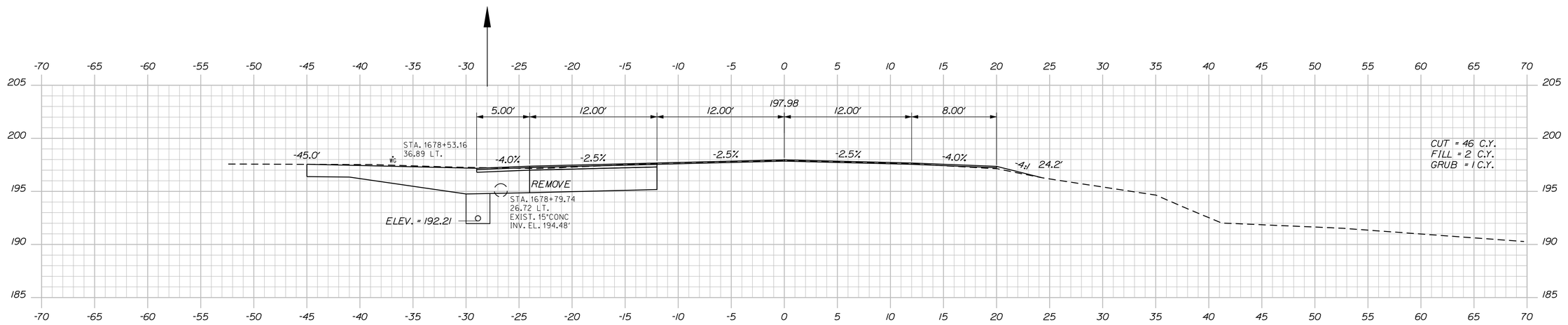
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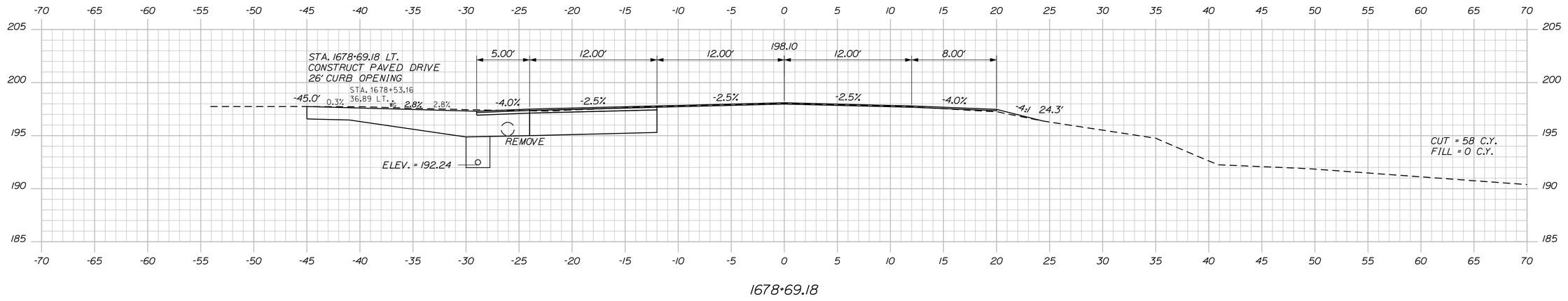
OF 79

Sta. 1677+86.59 to Sta. 1678+25.00

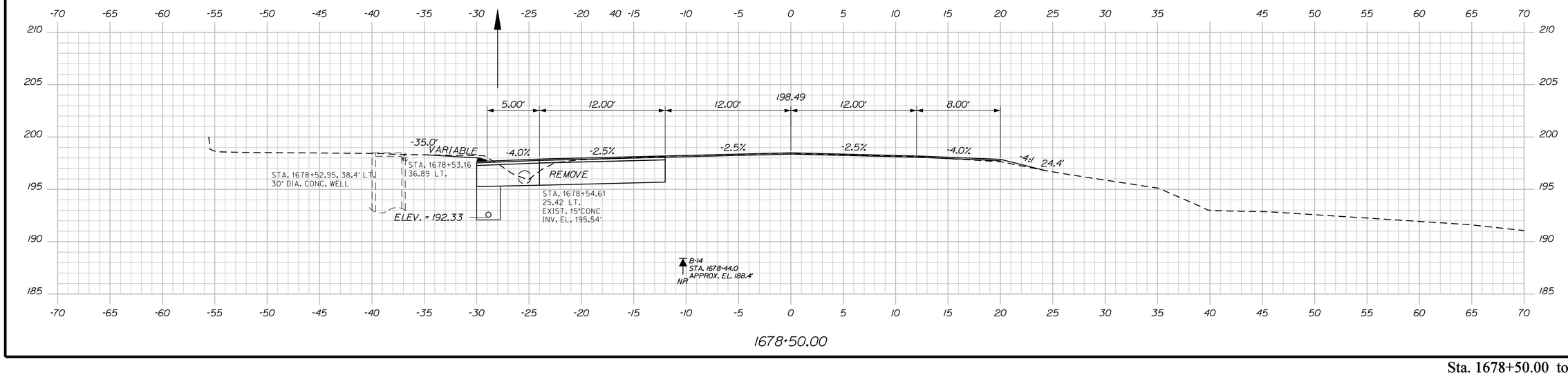
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1678+75.00



1678+69.18



1678+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00 HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

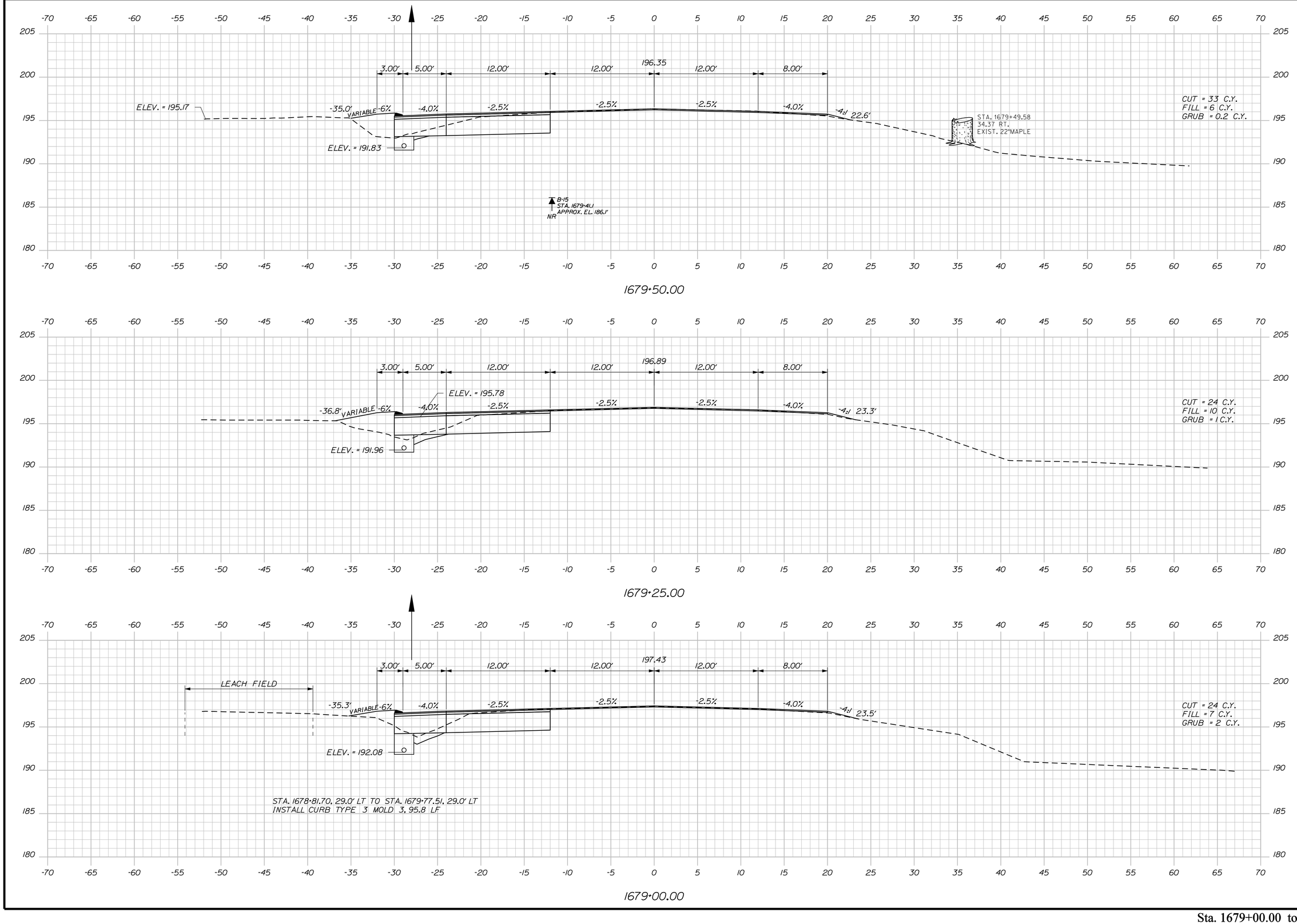
ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER
56
OF 79

Sta. 1678+50.00 to Sta. 1678+75.00

Filename: ...\056_XSECT_1678+50_048.dgn Division: HIGHWAY Username: morin Date:11/13/2018



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	BY	DATE
PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

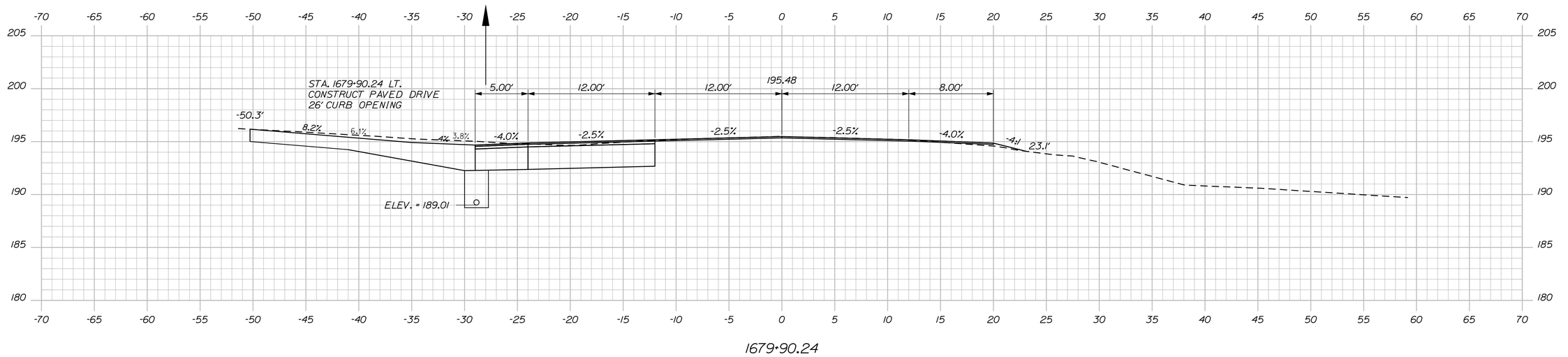
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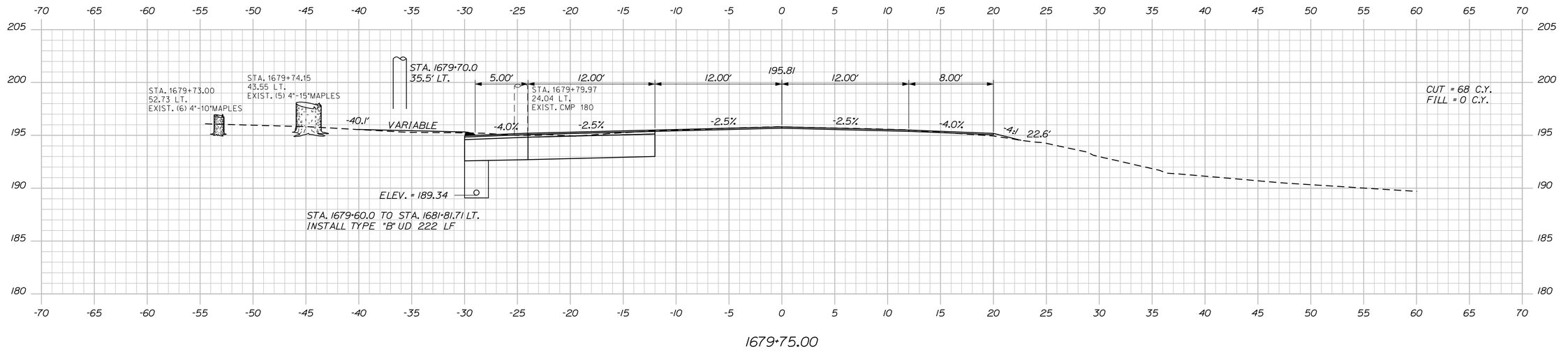
OF 79

Sta. 1679+00.00 to Sta. 1679+50.00

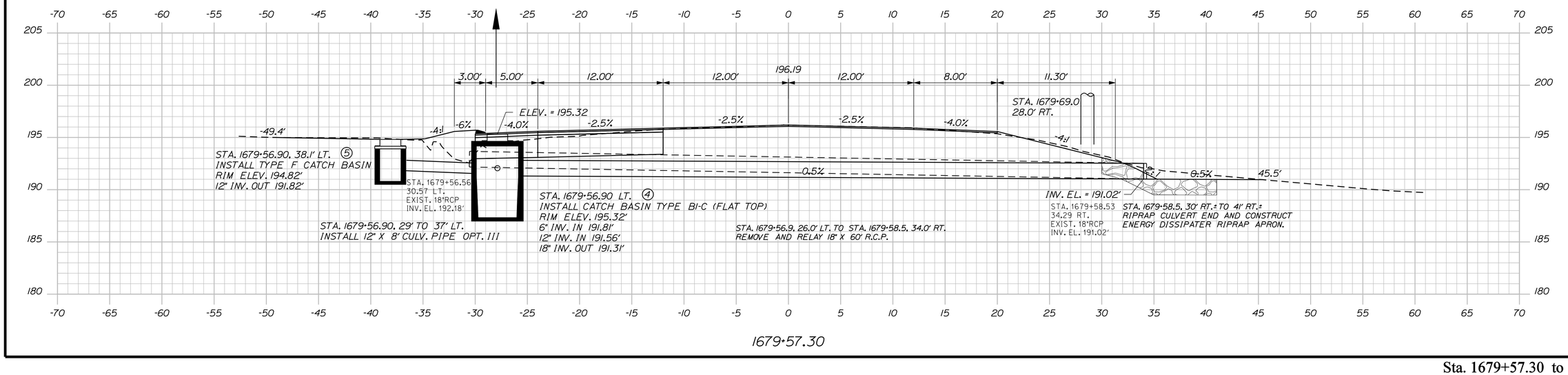
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1679+90.24



1679+75.00



1679+57.30

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

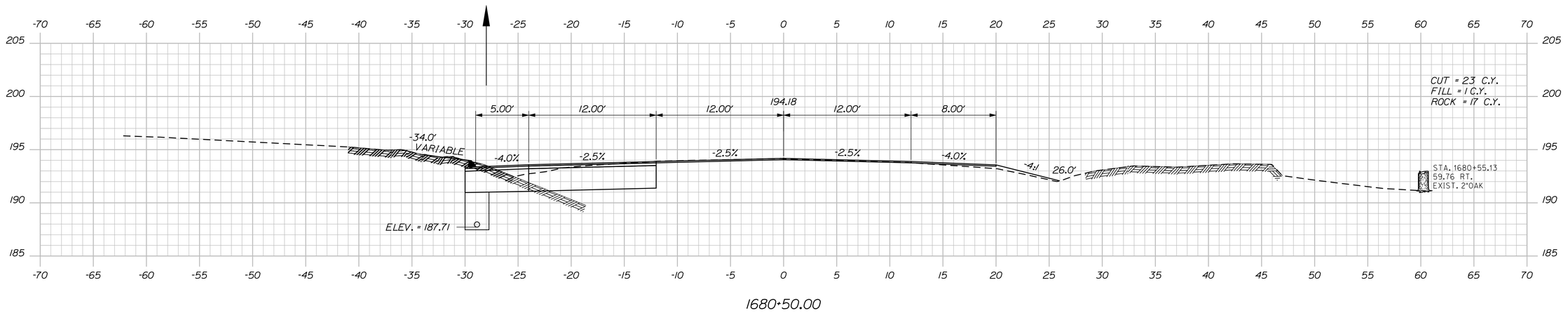
ARUNDEL
RTE 111

CROSS SECTIONS

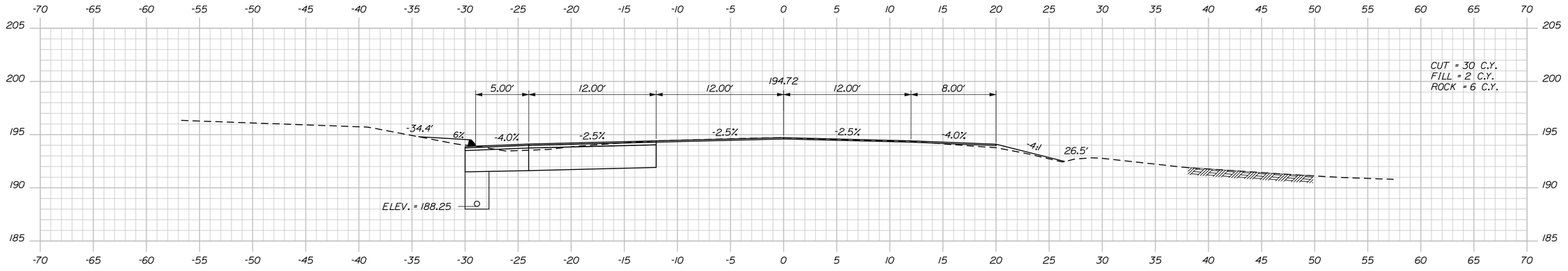
SHEET NUMBER
58
OF 79

Sta. 1679+57.30 to Sta. 1679+90.24

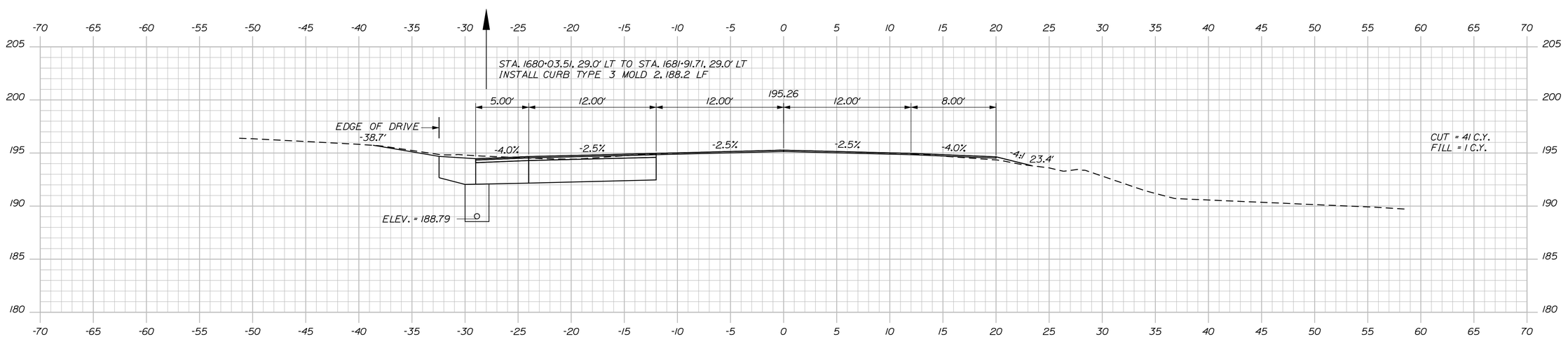
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1680+50.00



1680+25.00



1680+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN			
DESIGN-DETAILED	MSM	2017		
CHECKED-REVIEWED	ALG	9/18		
DESIGN2-DETAILED2				
DESIGN3-DETAILED3				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

SIGNATURE
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P.E. NUMBER
11/13/2018

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ARUNDEL
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CROSS SECTIONS

SHEET NUMBER

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OF 79

Sta. 1680+00.00 to Sta. 1680+50.00

Filename: ...\059_XSECT_1680+00_051.dgn Username: morin
Division: HIGHWAY
Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN
DESIGN-DETAILED	MSM
CHECKED-REVIEWED	ALG
DESIGN2-DETAILED2	
DESIGN3-DETAILED3	

	BY	DATE
REVISIONS 1	MSM	2017
REVISIONS 2	ALG	9/18
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
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11/13/2018

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ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER

60

OF 79

Sta. 1680+75.00 to Sta. 1681+25.00

Filename: ...\060_XSECT_1680+75_052.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

SIGNATURE	4226	
P.E. NUMBER	11/13/2018	
DATE		

	BY	DATE
E.MARTIN		
PROJ. MANAGER	MSM	2017
DESIGN-DETAILED	MSM	9/18
CHECKED-REVIEWED	ALG	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER

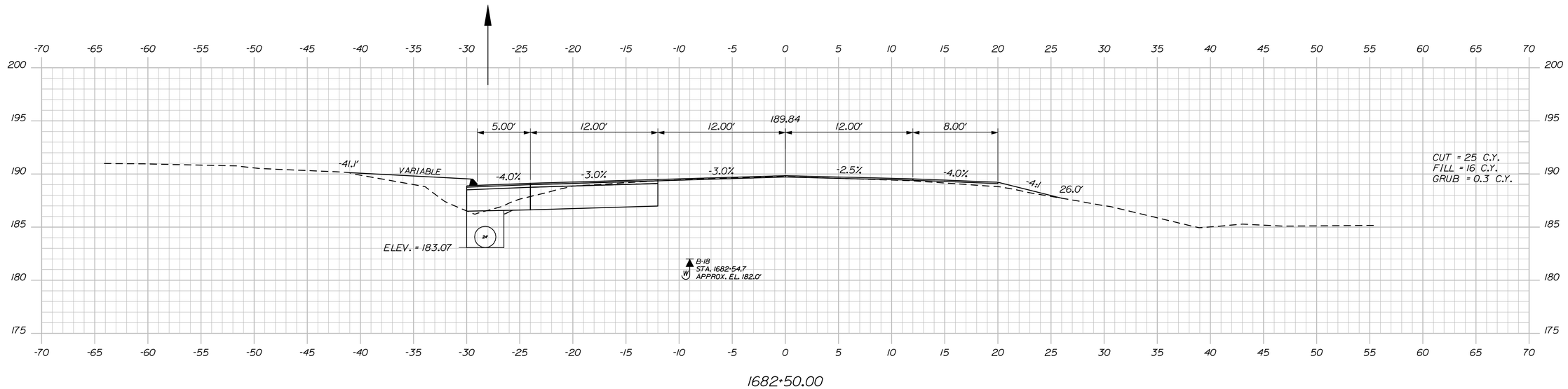
61

OF 79

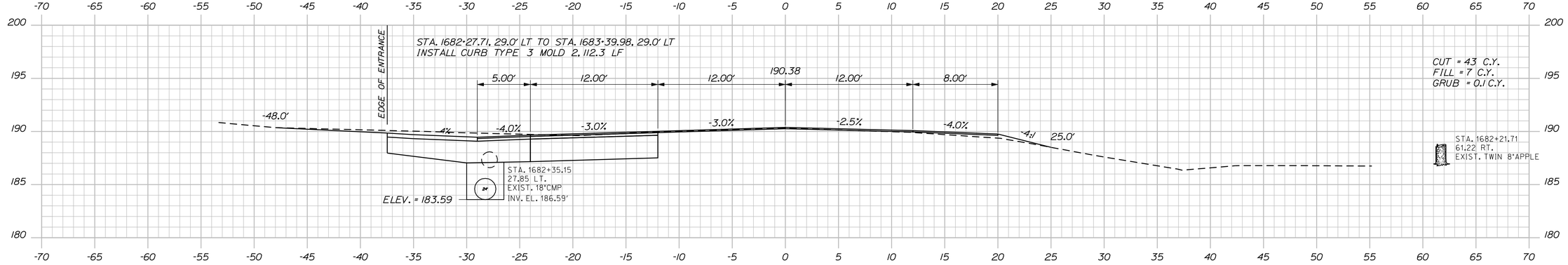
Sta. 1681+50.00 to Sta. 1682+00.00

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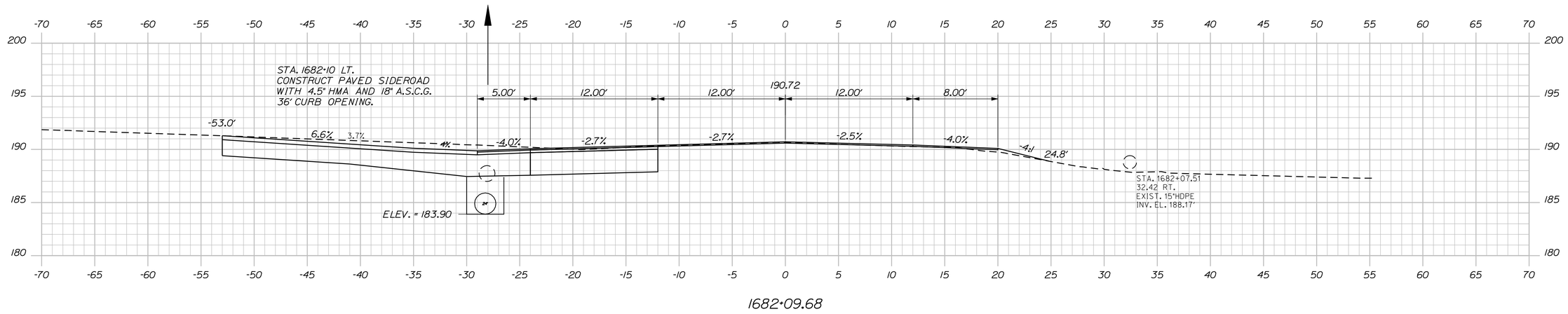
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1682+50.00



1682+25.00



1682+09.68

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00 HIGHWAY PLANS

	BY	DATE
E.MARTIN		
PROJ. MANAGER	MSM	2017
DESIGN-DETAILED	MSM	9/18
CHECKED-REVIEWED	ALG	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER

62

OF 79

Sta. 1682+09.68 to Sta. 1682+50.00

Filename: ...\063_XSECT_1682+75_055.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	BY	MSM
CHECKED-REVIEWED	ALG		ALG
DESIGN2-DETAILED2	ED2		
DESIGN3-DETAILED3	ED3		
REVISIONS 1		DATE	2017
REVISIONS 2			9/18
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

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11/13/2018

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CROSS SECTIONS

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OF 79

Sta. 1682+75.00 to Sta. 1683+25.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

SHEET NUMBER

64

OF 79

Sta. 1683+50.00 to Sta. 1684+00.00

Filename: ...\064_XSECT_1683+50_056.dgn Division: HIGHWAY Username: morin Date:11/13/2018

Filename: ...\065_XSECT_1684+25_057.dgn Division: HIGHWAY Username: morin Date:11/13/2018

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

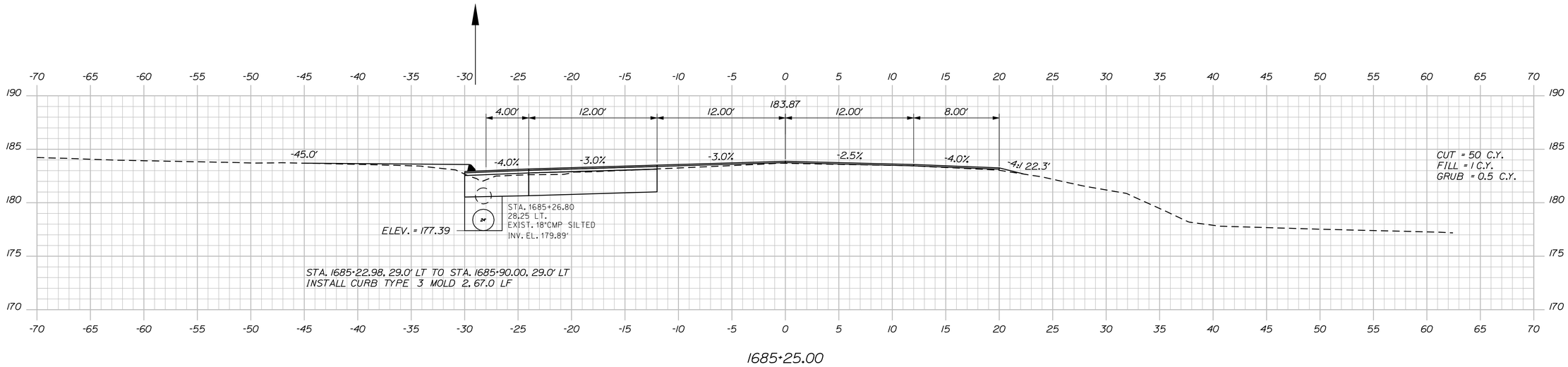
CROSS SECTIONS

SHEET NUMBER

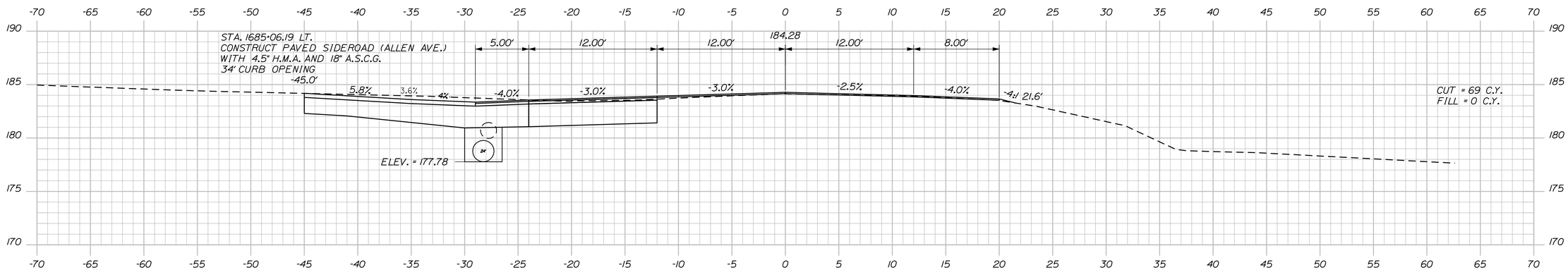
65

OF 79

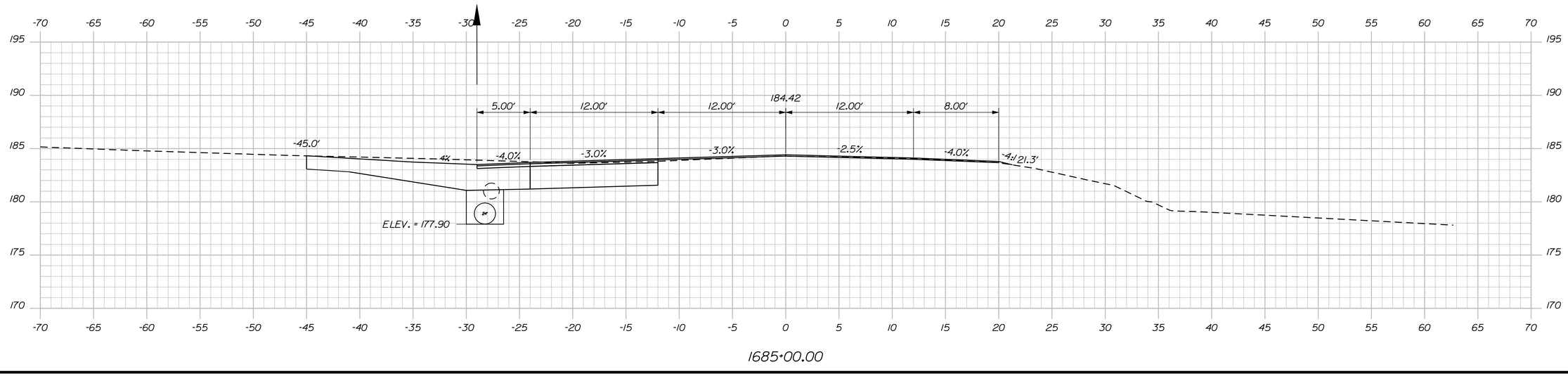
Sta. 1684+25.00 to Sta. 1684+75.00



1685+25.00



1685+06.19



1685+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	BY	MSM
CHECKED-REVIEWED	ALG		ALG
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

		DATE
		2017
		9/18

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

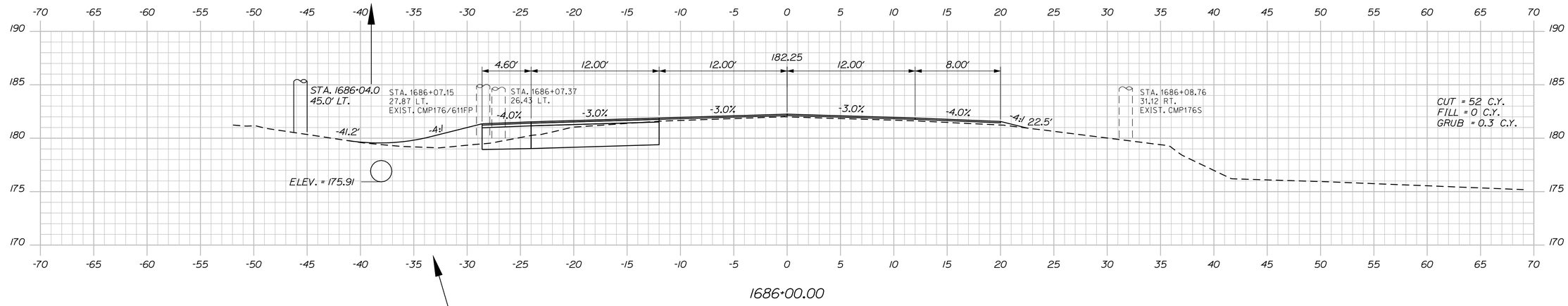
ARUNDEL
RTE 111

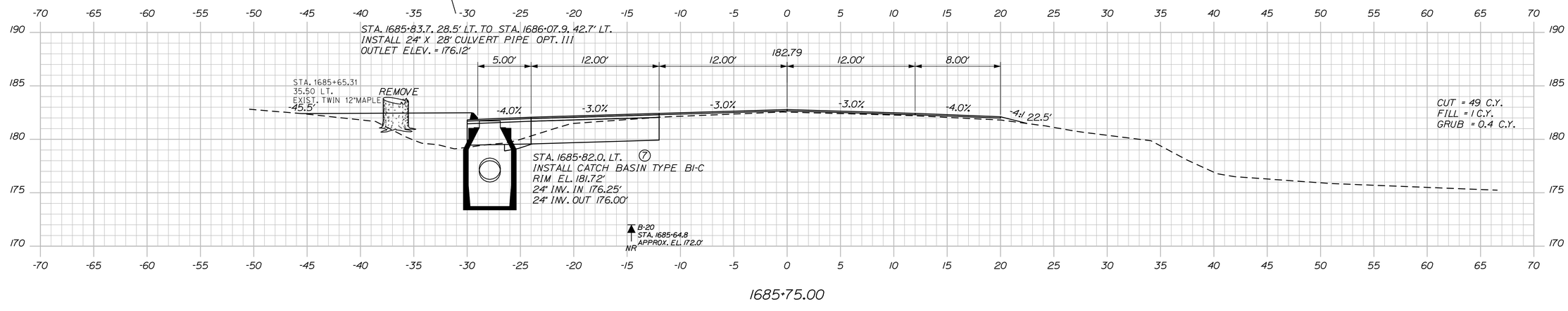
CROSS SECTIONS

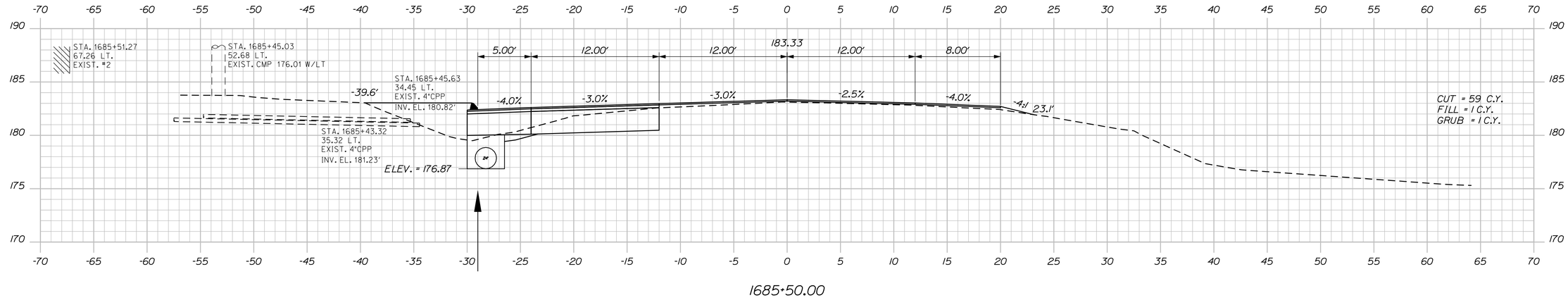
SHEET NUMBER
66
OF 79

Sta. 1685+00.00 to Sta. 1685+25.00

Filename: ...\066_XSECT_1685+00_058.dgn Division: HIGHWAY Username: morin Date:11/13/2018







STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2	ED2		
DESIGN3-DETAILED3	ED3		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
RTE 111

CROSS SECTIONS

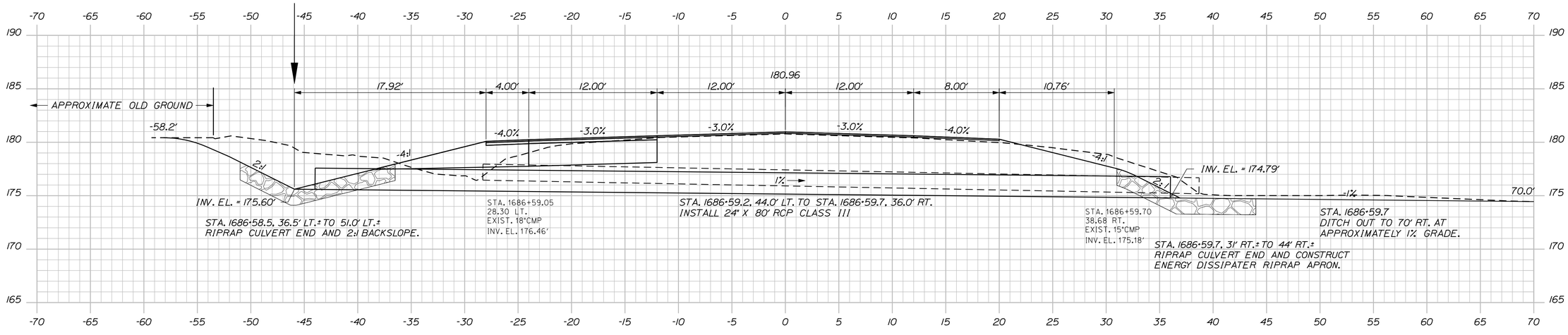
SHEET NUMBER

67

OF 79

Sta. 1685+50.00 to Sta. 1686+00.00

Date:11/13/2018 Username: morin Division: HIGHWAY Filename: ...\067_XSECT_1685+50_059.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

	E.MARTIN	BY	DATE
PROJ. MANAGER			
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018
DATE

ARUNDEL
RTE 111

CROSS SECTIONS

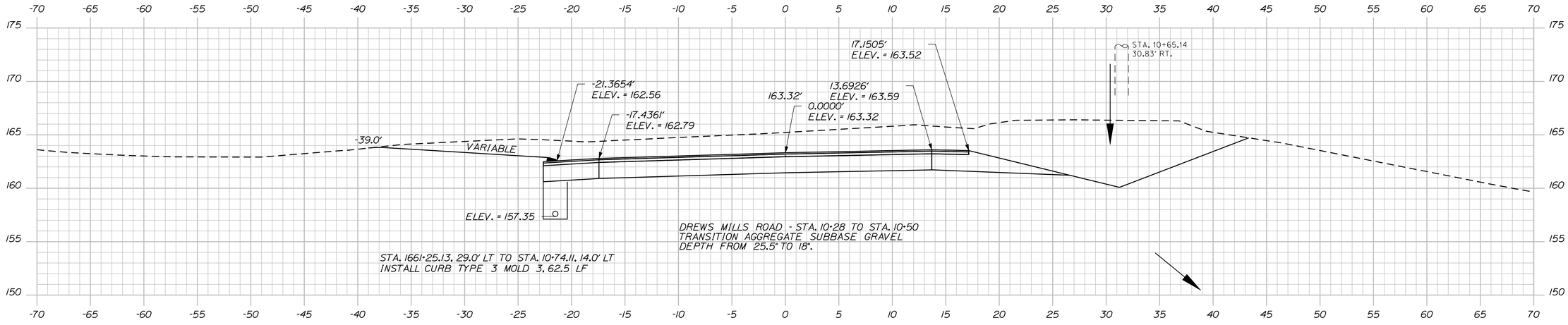
SHEET NUMBER

68

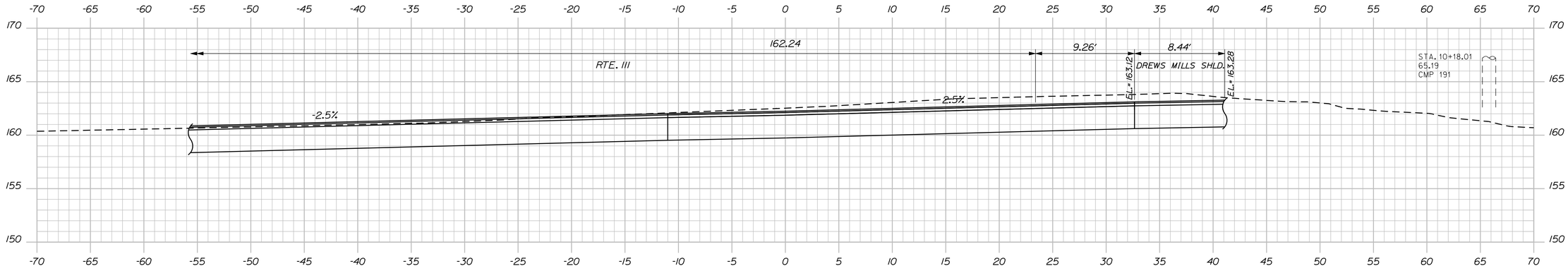
OF 79

Sta. 1686+25.00 to Sta. 1686+59.16

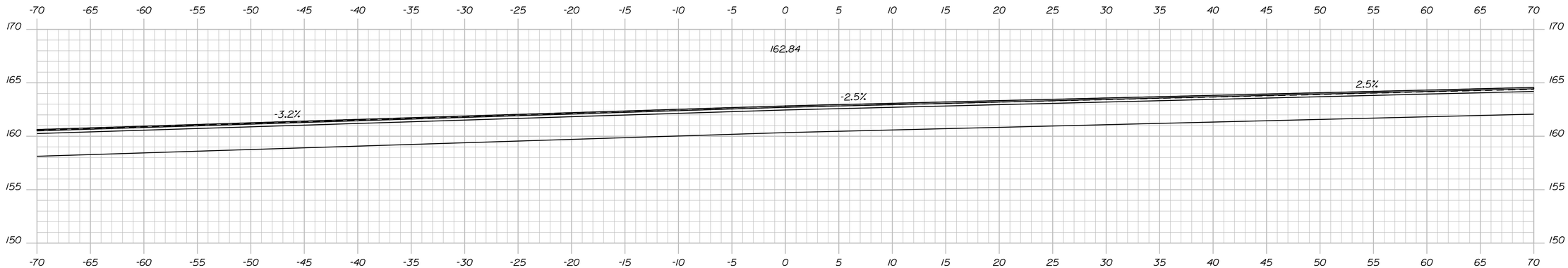
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10+50.00



10+25.00



10+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
DREWS MILLS ROAD

CROSS SECTIONS

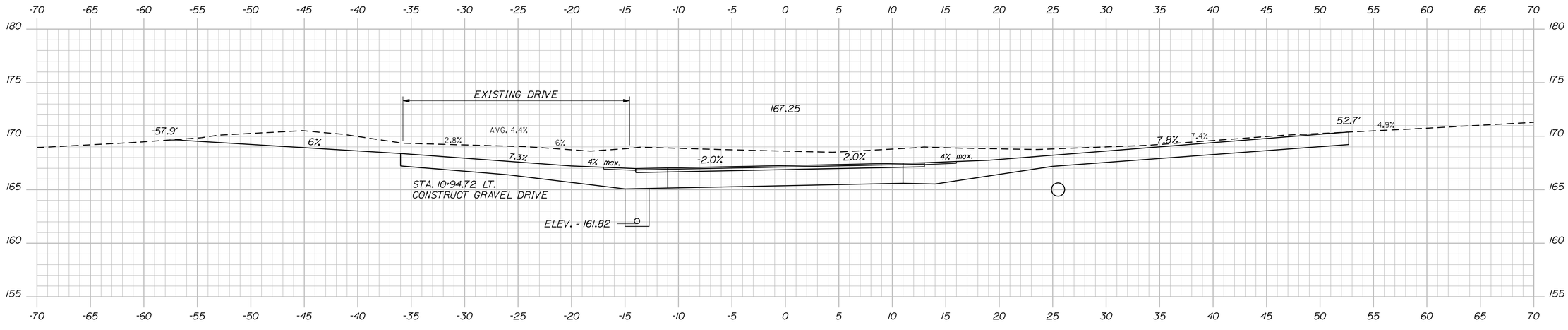
SHEET NUMBER

69

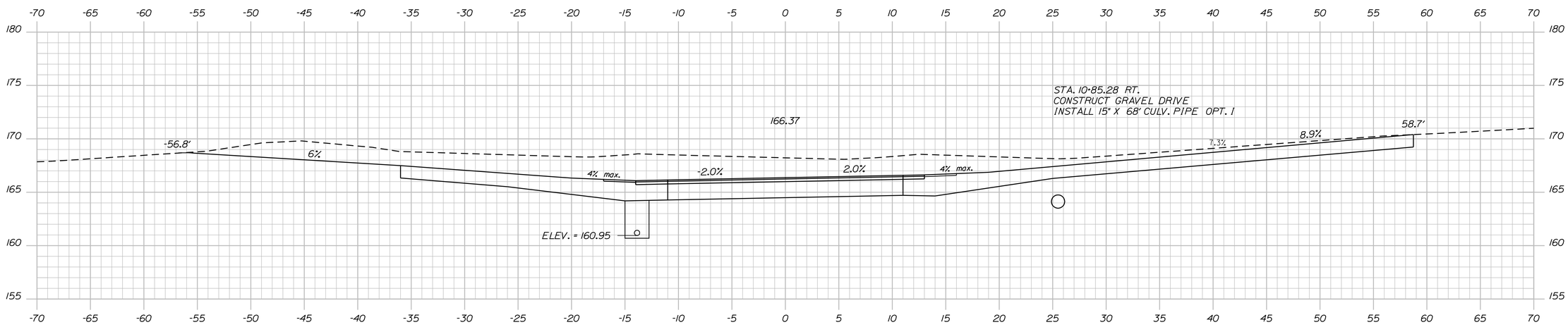
OF 79

Sta. 10+00.00 to Sta. 10+50.00

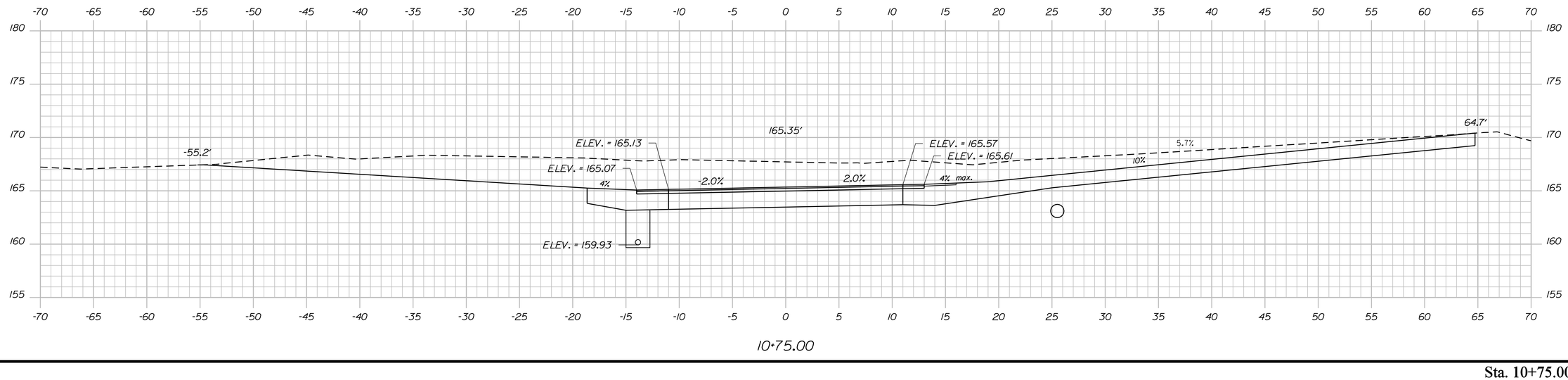
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10+94.72



10+85.28



10+75.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
DREWS MILLS ROAD

CROSS SECTIONS

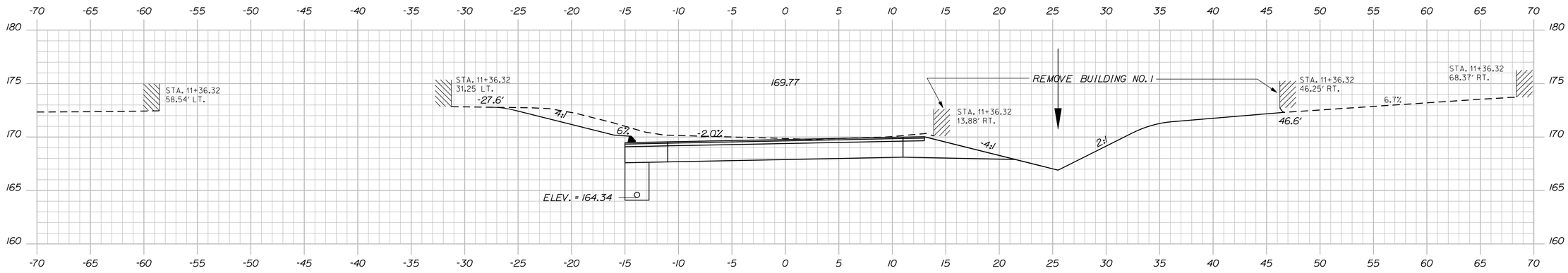
SHEET NUMBER

70

OF 79

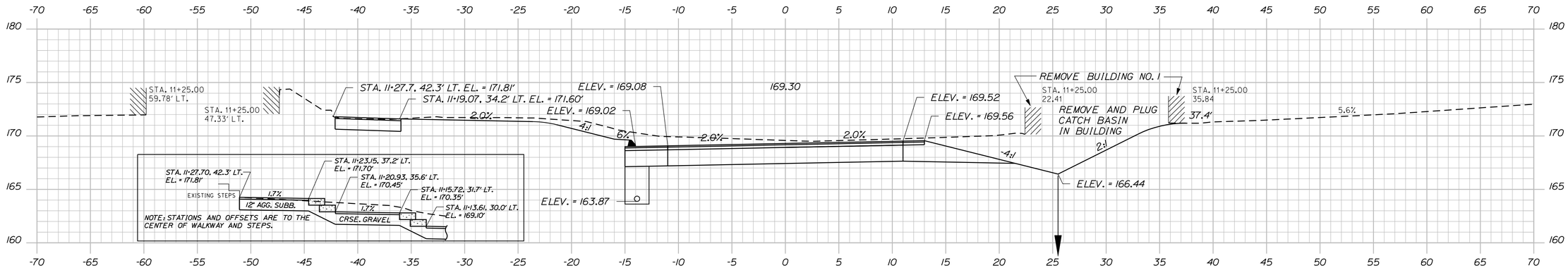
Sta. 10+75.00 to Sta. 10+94.72

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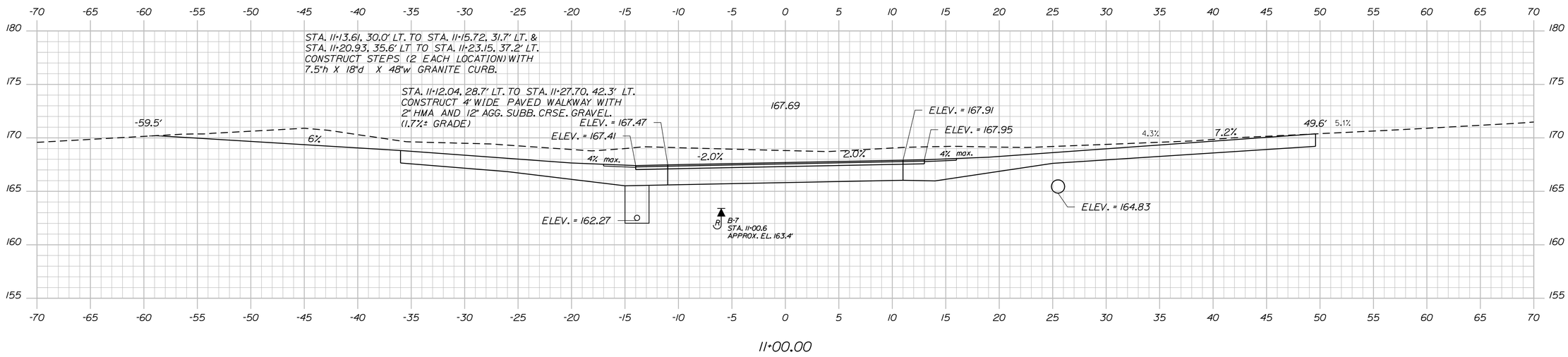


STA. 11+11.9, 14.0' LT TO STA. 11+71.55, 14.0' LT
INSTALL CURB TYPE 3 MOLD 2, 56.3 LF

11+36.32



11+25.00



11+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN
19107.00

HIGHWAY PLANS

	BY	DATE
E.MARTIN		
PROJ. MANAGER	MSM	2017
DESIGN-DETAILED	MSM	9/18
CHECKED-REVIEWED	ALG	
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

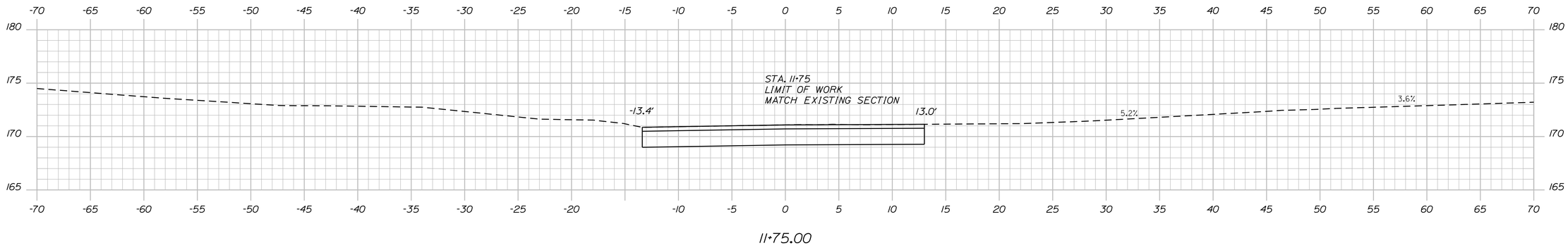
ARUNDEL
DREWS MILLS ROAD

CROSS SECTIONS

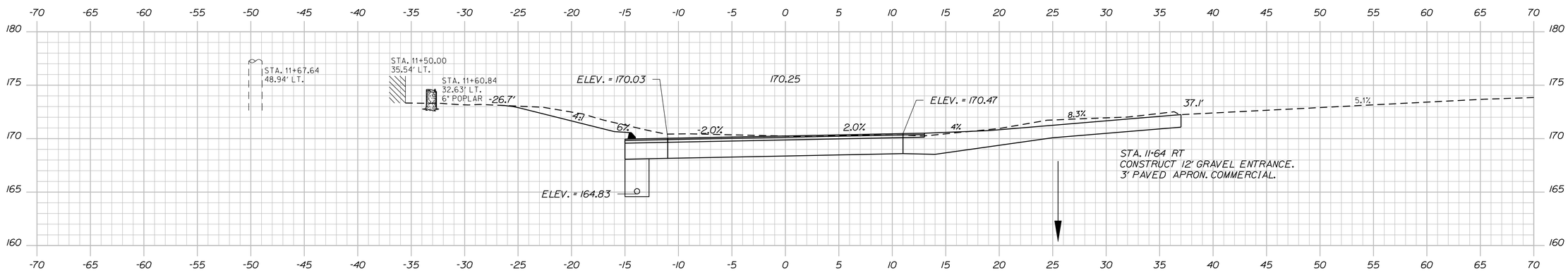
SHEET NUMBER
71
OF 79

Sta. 11+00.00 to Sta. 11+36.32

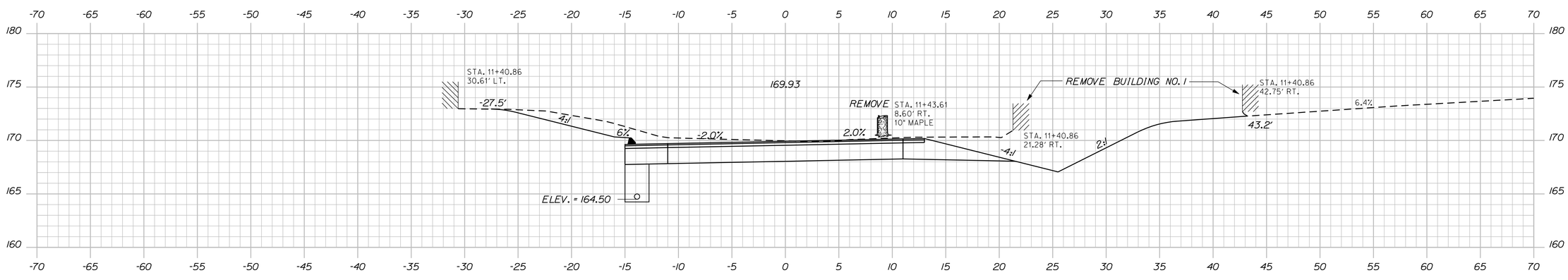
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11+75.00



11+50.00



11+40.86

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

PROJ. MANAGER	E.MARTIN	
DESIGN-DETAILED	MSM	2017
CHECKED-REVIEWED	ALG	9/18
DESIGN2-DETAILED2		
DESIGN3-DETAILED3		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
DREWS MILLS ROAD

CROSS SECTIONS

SHEET NUMBER

72

OF 79

Sta. 11+40.86 to Sta. 11+75.00

Filename: ...\072_XSECT_11+40_004.dgn Division: HIGHWAY Username: morin Date:11/13/2018

Sta. 12+00.00 to Sta. 12+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00

HIGHWAY PLANS

		BY	DATE
PROJ. MANAGER	E.MARTIN		
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226

P.E. NUMBER
11/13/2018

DATE

ARUNDEL
DREWS MILLS ROAD

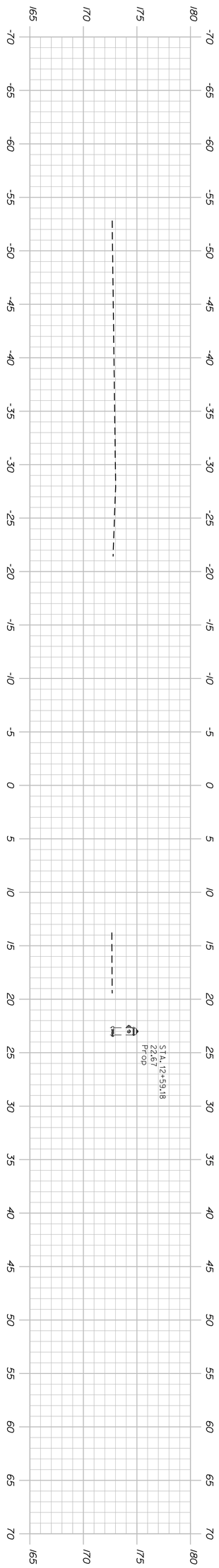
CROSS SECTIONS

SHEET NUMBER

73

OF 79

Filename: ...\073_XSECT_12+00_005.dgn Division: HIGHWAY Username: morin Date:11/13/2018



Sta. 12+70.80 to Sta. 12+70.80

SHEET NUMBER 74 OF 79

ARUNDEL
RTE 111

CROSS SECTIONS

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	MSM	MSM	2017
CHECKED-REVIEWED	ALG	ALG	9/18
DESIGN2-DETAILED2			
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

SIGNATURE
4226
P.E. NUMBER
11/13/2018
DATE

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

STATE PROJECT 19107.00

WIN 19107.00 HIGHWAY PLANS

Filename: ...\00\ROW\MSTA\075_RWPLAN1.dgn Division: ROW Username: Nicholos.Acheson Date:12/4/2018

PLAN LEGEND

		Existing	Proposed		Existing	Proposed
Town, County, State	New R/W Along Existing R/W	Sanitary Sewer		Traveled Way		
Approx. Property Lines P.L.	Building / Clearing Limit Line CLL	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		

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

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at ____h____m____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

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

EXISTING RIGHT OF WAY REFERENCES

ACQUISITIONS SHOWN ON THIS PLAN ARE DIMENSIONED FROM THE HISTORICAL 1948 BASELINE (S.H.C. FILE 16-69). SEE 'BASELINE NOTE' FOR ADDITIONAL INFORMATION.

1) ROUTE 111 (ALFRED ROAD)
   A) STATE OF MAINE - RIGHT OF WAY MAP
      STATE HIGHWAY "U"
      NORTH KENNEBUNKPORT, YORK COUNTY
      FEDERAL AID PROJECT NO. F 360 (1)
      DATED - JUNE 1948
      S.H.C. FILE NO. 16-69, SHEETS 5 & 6 OF 9
      YORK COUNTY REGISTRY OF DEEDS (Y.C.R.D.)
      PLAN BOOK 23, PAGES 12 TO 20
   B) YORK COUNTY COMMISSIONERS RECORDS
      VOLUME 16, PAGE 110 (1827)
      3.5 RODS WIDE (57.75') WIDE WITHIN PROJECT LOCUS
2) DREWS MILLS ROAD
   A) KENNEBUNKPORT TOWN RECORDS
      MARCH 7, 1831
      2 RODS (33') WIDE
      (ON FILE AT ARUNDEL TOWN OFFICE)

PROPOSED DIVISION OF LAND ON ROUTE 111
OWNED BY ROBERT COON FOR
DOUSTON CONSTRUCTION
BY LOWER VILLAGE SURVEY CO., LLC
DATED - OCTOBER 11, 2002
Y.C.R.D. PLAN BOOK 347, PAGE 30

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999733

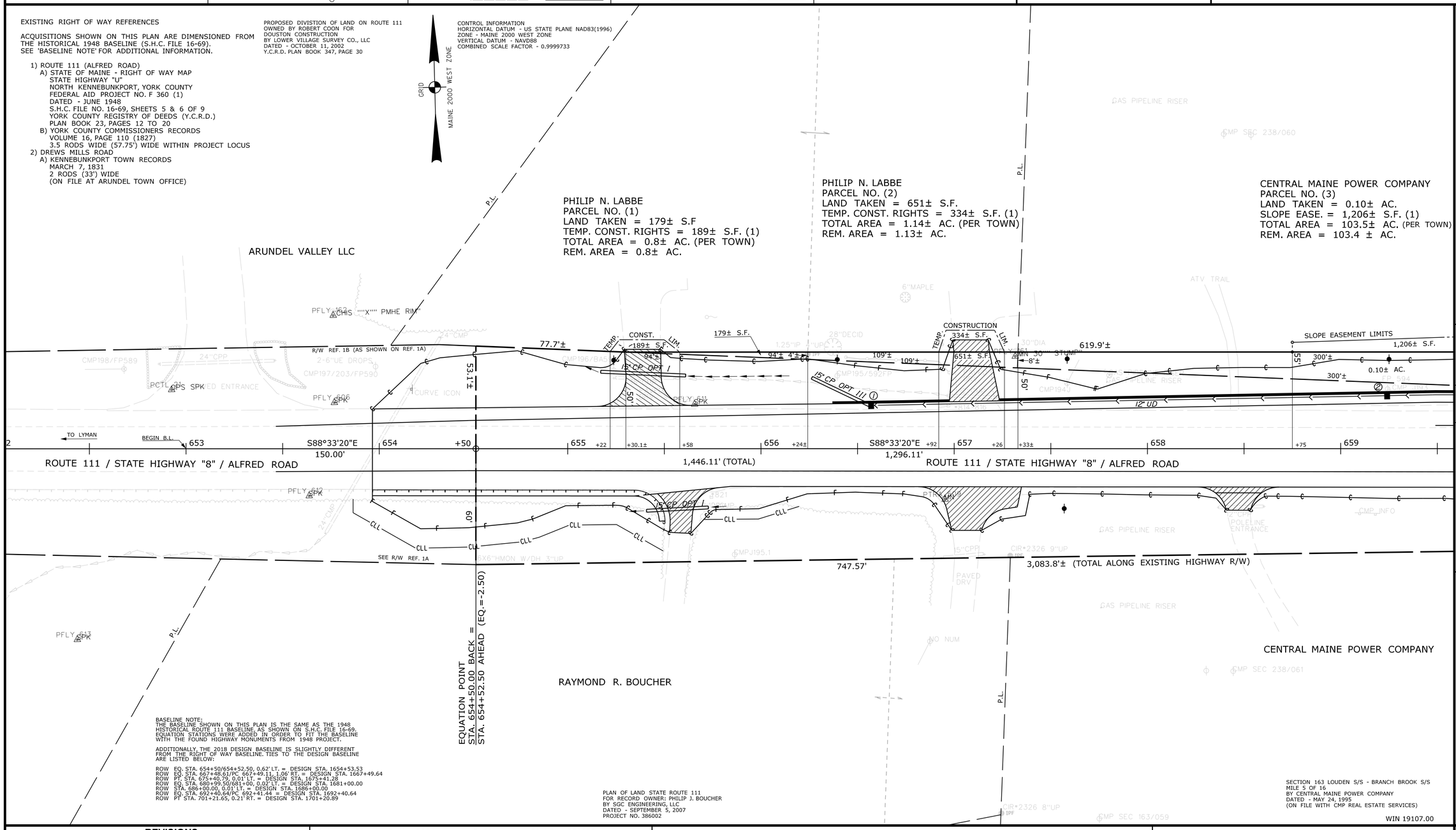
GRID MAINE 2000 WEST ZONE

ARUNDEL VALLEY LLC

PHILIP N. LABBE
PARCEL NO. (1)
LAND TAKEN = 179± S.F
TEMP. CONST. RIGHTS = 189± S.F. (1)
TOTAL AREA = 0.8± AC. (PER TOWN)
REM. AREA = 0.8± AC.

PHILIP N. LABBE
PARCEL NO. (2)
LAND TAKEN = 651± S.F.
TEMP. CONST. RIGHTS = 334± S.F. (1)
TOTAL AREA = 1.14± AC. (PER TOWN)
REM. AREA = 1.13± AC.

CENTRAL MAINE POWER COMPANY
PARCEL NO. (3)
LAND TAKEN = 0.10± AC.
SLOPE EASE. = 1,206± S.F. (1)
TOTAL AREA = 103.5± AC. (PER TOWN)
REM. AREA = 103.4 ± AC.



BASELINE NOTE:
THE BASELINE SHOWN ON THIS PLAN IS THE SAME AS THE 1948 HISTORICAL ROUTE 111 BASELINE AS SHOWN ON S.H.C. FILE 16-69. EQUATION STATIONS WERE ADDED IN ORDER TO FIT THE BASELINE WITH THE FOUND HIGHWAY MONUMENTS FROM 1948 PROJECT.

ADDITIONALLY, THE 2018 DESIGN BASELINE IS SLIGHTLY DIFFERENT FROM THE RIGHT OF WAY BASELINE. TIES TO THE DESIGN BASELINE ARE LISTED BELOW:

ROW EQ. STA. 654+50/654+52.50, 0.62'LT. = DESIGN STA. 1654+53.53
ROW EQ. STA. 667+48.61/PC 667+49.11, 1.06'RT. = DESIGN STA. 1667+49.64
ROW PT. STA. 675+40.79, 0.01'LT. = DESIGN STA. 1675+41.28
ROW EQ. STA. 680+99.50/681+00, 0.02'LT. = DESIGN STA. 1681+00.00
ROW STA. 686+00.00, 0.01'LT. = DESIGN STA. 1686+00.00
ROW EQ. STA. 692+40.64/PC 692+41.44 = DESIGN STA. 1692+40.64
ROW PT STA. 701+21.65, 0.21'RT. = DESIGN STA. 1701+20.89

PLAN OF LAND STATE ROUTE 111
FOR RECORD OWNER: PHILIP J. BOUCHER
BY SGC ENGINEERING, LLC
DATED - SEPTEMBER 5, 2007
PROJECT NO. 386002

SECTION 163 LOUDEN S/S - BRANCH BROOK S/S
MILE 5 OF 16
BY CENTRAL MAINE POWER COMPANY
DATED - MAY 24, 1995
(ON FILE WITH CMP REAL ESTATE SERVICES)

WIN 19107.00

ITEM	CHECKED			
EXISTING CONDITION PLAN	TECH	C.W.K.	R.M.C.	R.M.C.
FINAL RIGHT OF WAY		N.T.A.	N.T.A.	N.T.A.
AREAS				

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	10/1/18	17812	64

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

STATE HIGHWAY "8"
ROUTE 111 \ ALFRED ROAD
ARUNDEL YORK COUNTY
STATE PROJECT NO. 19107.00

FEBRUARY 2018	RIGHT-OF-WAY MAP	D.O.T. FILE NO. 16-526
SCALE 1" = 25'	SHEET 1 OF 5	

SHEET NUMBER
75
OF 79

Usercname: Nicholos.Acheson Date:12/4/2018
Division: ROW
Filename: ...\00\ROW\MSTA\076_RWPLAN2.dgn

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 CLL	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
	T
	E
	W
	G

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

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

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

PROPERTY PLAN SURVEYED AND DRAWN BY WALTER B. FITZGERALD DATED - SEPTEMBER 20, 1947 Y.C.R.D. PLAN BOOK 15, PAGE 25

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999733

GRID MAINE 2000 WEST ZONE

PHILIP N. LABBE
PARCEL NO. (4)
LAND TAKEN = 0.06± AC.
SLOPE EASE. = 481 ± S.F. (1)
TEMP. CONST. RIGHTS = 0.08± AC. (1)
TOTAL AREA = 50± AC.
(PER TOWN, PARCELS 4 & 14)
REM. AREA = 49.94± AC.

PHILIP N. LABBE
PARCEL NO. (14)
LAND TAKEN = 90± S.F.
SLOPE EASE. = 1,292 ± S.F. (1)
DRAINAGE EASE. = 0.09± AC. (3)
BUILDING= (1)
TEMP. CONST. RIGHTS = 0.05± AC. (1)
TOTAL AREA = 50± AC.
(PER TOWN, PARCELS 4 & 14)
REM. AREA = 49.94± AC.

NOTE: RIGHTS TAKEN TO RAZE OR REMOVE BUILDING AT STA. 11+30± RT. (DREWS MILLS RD.)

CENTRAL MAINE POWER COMPANY
PARCEL NO. (3)
LAND TAKEN = 0.10± AC.
SLOPE EASE. = 1,206± S.F. (1)
TOTAL AREA = 103.5± AC. (PER TOWN)
REM. AREA = 103.4 ± AC.

CURVE DATA #1
PI = 1+30.95
D = 22°55'05.9"
Δ = 21°30'57.5" Lt.
R = 250.00'
L = 93.88'
T = 47.50'
E = 4.47'

SPRUCE CIRCLE, INC.
ITEM NO. (6)
SLOPE EASE. = 0.07± AC. (1)
TOTAL AREA = 1.77± AC. (PER TOWN)

TOE OF SLOPE DITCH
STA. 11+20 RT. TO STA. 11+63± LT.

DRAINAGE STRUCTURE
STA. 11+20 RT. TO STA. 662+05 LT.

INLET DRAINAGE STRUCTURE
STA. 662+73± LT.

DRAINAGE OUTLET
STA. 662+83± RT.

OUTLET DRAINAGE STRUCTURE
STA. 662+50 TO STA. 663+00 RT.

RONALD PIMPARE
ITEM NO. (5)
DRAINAGE EASE. = 1,357± S.F. (2)
TEMP. CONST. RIGHTS = 274± S.F. (1)
TOTAL AREA = 15± AC. (PER TOWN)

CENTRAL MAINE POWER COMPANY

SECTION 163 LOUDEN S/S - BRANCH BROOK S/S
MILE 5 OF 16
BY CENTRAL MAINE POWER COMPANY
DATED - MAY 24, 1995
(ON FILE WITH CMP REAL ESTATE SERVICES)

EXISTING RIGHT OF WAY REFERENCES

ACQUISITIONS SHOWN ON THIS PLAN ARE DIMENSIONED FROM THE HISTORICAL 1948 BASELINE (S.H.C. FILE 16-69). SEE 'BASELINE NOTE' FOR ADDITIONAL INFORMATION.

1) ROUTE 111 (ALFRED ROAD)
   A) STATE OF MAINE - RIGHT OF WAY MAP
      STATE HIGHWAY "U"
      NORTH KENNEBUNKPORT, YORK COUNTY
      FEDERAL AID PROJECT NO. F 360 (1)
      DATED - JUNE 1948
      S.H.C. FILE NO. 16-69, SHEETS 5 & 6 OF 9
      YORK COUNTY REGISTRY OF DEEDS (Y.C.R.D.)
      PLAN BOOK 23, PAGES 12 TO 20
   B) YORK COUNTY COMMISSIONERS RECORDS
      VOLUME 16, PAGE 110 (1827)
      3.5 RODS WIDE (57.75') WIDE WITHIN PROJECT LOCUS
2) DREWS MILLS ROAD
   A) KENNEBUNKPORT TOWN RECORDS
      MARCH 7, 1831
      2 RODS (33') WIDE
      (ON FILE AT ARUNDEL TOWN OFFICE)

BASELINE NOTE:
THE BASELINE SHOWN ON THIS PLAN IS THE SAME AS THE 1948 HISTORICAL ROUTE 111 BASELINE AS SHOWN ON S.H.C. FILE 16-69. EQUATION STATIONS WERE ADDED IN ORDER TO FIT THE BASELINE WITH THE FOUND HIGHWAY MONUMENTS FROM 1948 PROJECT.

ADDITIONALLY, THE 2018 DESIGN BASELINE IS SLIGHTLY DIFFERENT FROM THE RIGHT OF WAY BASELINE. TIES TO THE DESIGN BASELINE ARE LISTED BELOW:

ROW EQ. STA. 654+50/654+52.50, 0.62' LT. = DESIGN STA. 1654+53.53
ROW EQ. STA. 667+48.61/PC 667+49.11, 1.06' RT. = DESIGN STA. 1667+49.64
ROW PT. STA. 675+40.79, 0.01' LT. = DESIGN STA. 1675+41.28
ROW EQ. STA. 680+99.50/681+00, 0.02' LT. = DESIGN STA. 1681+00.00
ROW STA. 686+00.00, 0.01' LT. = DESIGN STA. 1686+00.00
ROW EQ. STA. 692+40.64/PC 692+41.44 = DESIGN STA. 1692+40.64
ROW PT STA. 701+21.65, 0.21' RT. = DESIGN STA. 1701+20.89

WIN 19107.00

REVISIONS NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK ____ PAGE ____ COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	10/1/18	17812	64

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

STATE HIGHWAY "8"
ROUTE 111 \ ALFRED ROAD
ARUNDEL YORK COUNTY
STATE PROJECT NO. 19107.00

FEBRUARY 2018 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 16-526
SCALE 1" = 25' | SHEET 2 OF 5

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	R.M.C.
AREAS	R.M.C.

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

SHEET NUMBER
76
OF 79

Username: Nicholos.Acheson Date:12/4/2018

Division: ROW

Filename: ...\00\ROW\MSTA\077_RWPLAN3.dgn

PLAN LEGEND

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

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

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25 0 25 50 75 100
Scale of Feet

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999733

SPRUCE CIRCLE, INC.
ITEM NO. (6)

GRID MAINE 2000 WEST ZONE

EXISTING CONDITIONS PLAN
OF 754 ALFRED ROAD PROPERTY
FOR PORTER LAND PRESERVATION, LLC
BY SEBAGO TECHNICS
DATED - MAY 8, 2008
PROJECT NO. 05135

CONDITIONAL USE PLAN
OF 754 ALFRED ROAD PROPERTY
FOR PORTER LAND PRESERVATION, LLC
BY SEBAGO TECHNICS
DATED - JULY 28, 2005
PROJECT NO. 05135

BASELINE NOTE:
THE BASELINE SHOWN ON THIS PLAN IS THE SAME AS THE 1948 HISTORICAL ROUTE 111 BASELINE, AS SHOWN ON S.H.C. FILE 16-69. EQUATION STATIONS WERE ADDED IN ORDER TO FIT THE BASELINE WITH THE FOUND HIGHWAY MONUMENTS FROM 1948 PROJECT.

ADDITIONALLY, THE 2018 DESIGN BASELINE IS SLIGHTLY DIFFERENT FROM THE RIGHT OF WAY BASELINE. TIES TO THE DESIGN BASELINE ARE LISTED BELOW:

ROW EQ. STA. 654+50/654+52.50, 0.62' LT. = DESIGN STA. 1654+53.53
ROW EQ. STA. 667+48.61/PC 667+49.11, 1.06' RT. = DESIGN STA. 1667+49.64
ROW PT. STA. 675+40.79, 0.01' LT. = DESIGN STA. 1675+41.28
ROW EQ. STA. 680+99.50/681+00, 0.02' LT. = DESIGN STA. 1681+00.00
ROW STA. 686+00.00, 0.01' LT. = DESIGN STA. 1686+00.00
ROW EQ. STA. 692+40.64/PC 692+41.44 = DESIGN STA. 1692+40.64
ROW PT STA. 701+21.65, 0.21' RT. = DESIGN STA. 1701+20.89

PORTER LAND PRESERVATION, LLC
PARCEL NO. (7)
LAND TAKEN = 1,345± S.F.
SLOPE EASE. = 0.26± AC. (2)
TEMP. CONST. RIGHTS = 0.06± AC. (2)
TOTAL AREA = 20.78± AC. (PER PLAN)
REM. AREA = 20.75± AC.

NOTE: R/W LINE ACQUIRED ON TANGENT. NOT CONCENTRIC WITH THE BASELINE

SLOPE EASEMENT LIMITS 548.61' 1,922± S.F. 1,343.02' (TOTAL) 402.29' 0.22± AC. 392.12'
SEE R/W REF. 1A

ROUTE 111 / STATE HIGHWAY "8" / ALFRED ROAD

666 S88°33'20"E 1,296.11' 1,446.11' (TOTAL) 667 668 669 791.68' 670 671 672

448.61' 3,083.8'± (TOTAL ALONG EXISTING HIGHWAY R/W) 399.77' 389.66'

NOTE: R/W LINES ACQUIRED ON TANGENTS. NOT CONCENTRIC WITH THE BASELINE

NOTE: ONE OF THESE WELLS SERVE THE SCOTT & ANASTASHA BRIGGS RESIDENCE TO THE EAST, (PER PROPERTY OWNER REPORT)

RONALD PIMPARE
ITEM NO. (5)
DRAINAGE EASE. = 1,357± S.F. (2)
TEMP. CONST. RIGHTS = 274± S.F. (1)
TOTAL AREA = 15± AC. (PER TOWN)

OUTLET DRAINAGE STRUCTURE
STA. 666+78 TO STA. 667+10 RT.

800± S.F. DRAINAGE EASEMENT 55' 10' 70' 65' LIMITS

EQUATION POINT
STA. 667+48.61 BACK = P.C. 667+49.11 AHEAD (EQ.=-.50)

EXISTING RIGHT OF WAY REFERENCES

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1) ROUTE 111 (ALFRED ROAD)
   A) STATE OF MAINE - RIGHT OF WAY MAP
      STATE HIGHWAY "U"
      NORTH KENNEBUNKPORT, YORK COUNTY
      FEDERAL AID PROJECT NO. F 360 (1)
      DATED - JUNE 1948
      S.H.C. FILE NO. 16-69, SHEETS 5 & 6 OF 9
      YORK COUNTY REGISTRY OF DEEDS (Y.C.R.D.)
      PLAN BOOK 23, PAGES 12 TO 20
   B) YORK COUNTY COMMISSIONERS RECORDS
      VOLUME 16, PAGE 110 (1827)
      3.5 RODS WIDE (57.75') WIDE WITHIN PROJECT LOCUS
2) DREWS MILLS ROAD
   A) KENNEBUNKPORT TOWN RECORDS
      MARCH 7, 1831
      2 RODS (33') WIDE
      (ON FILE AT ARUNDEL TOWN OFFICE)

CURVE DATA
D = 0°24'00.0"
Δ = 3°10'00" Rt.
R = 14,323.97'
L = 791.68

RIGHT OF WAY AS SHOWN ON Y.C.R.D. PLAN BOOK 340, PAGE 38

RIGHT OF WAY AS SHOWN ON Y.C.R.D. PLAN BOOK 340, PAGE 38

RICHARD D. LESSARD
JANICE G. LESSARD

SITE PLAN - LOT 26B-2 OF
ROCKY LANE PROPERTY FOR SETH DRIGGIN
BY SEBAGO TECHNICS
DATED - SEPTEMBER 16, 2008
Y.C.R.D. PLAN BOOK 340, PAGE 38

WIN 19107.00

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	N.T.A.
AREAS	N.T.A.
	R.M.C.
	R.M.C.

TECH

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	10/1/18	17812	64

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

STATE HIGHWAY "8"
ROUTE 111 \ ALFRED ROAD
ARUNDEL YORK COUNTY
STATE PROJECT NO. 19107.00

FEBRUARY 2018 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 16-526
SCALE 1"= 25' | SHEET 3 OF 5

SHEET NUMBER
77
OF 79

Username: Nicholas.Acheson Date:12/4/2018
Division: ROW
Filename: ...\00\ROW\MSTA\078_RWPLAN4.dgn

PLAN LEGEND

Town, County, State
Approx. Property Lines — P.L.
Existing Right of Way
Limits of Wrought Portion — L.O.W.P.
Control Of Access — C.O.A.
New Right of Way
New Easement
New Temporary Rights
New R/W Within Existing R/W

New R/W Along Existing R/W
Building
Trees — Conifer — Deciduous
Tree Line — Bush Line
Water Edge
Ledge — Rock/Boulder — Flag Pole
Fence — CHAIN LINK — BARB WIRE — STOCKADE
Sign — Well — Mailbox

Clearing Limit Line — CLL

	Existing	Proposed
Sanitary Sewer		
Telephone Line	T	T
Electric Line	E	E
Water Line	W	W
Underdrain Line		
Gas Line	G	G
Guardrail		
Culvert		

	Existing	Proposed
Traveled Way		
Ditch		
Catch Basin		
Manhole		
Sewer Manhole		
Utility Pole		
Fire Hydrant		
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

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h _____m _____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

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25 0 25 50 75 100
Scale of Feet

EXISTING RIGHT OF WAY REFERENCES

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1) ROUTE 111 (ALFRED ROAD)
   A) STATE OF MAINE - RIGHT OF WAY MAP
      STATE HIGHWAY "U"
      NORTH KENNEBUNKPORT, YORK COUNTY
      FEDERAL AID PROJECT NO. F 360 (1)
      DATED - JUNE 1948
      S.H.C. FILE NO. 16-69, SHEETS 5 & 6 OF 9
      YORK COUNTY REGISTRY OF DEEDS (Y.C.R.D.)
      PLAN BOOK 23, PAGES 12 TO 20
   B) YORK COUNTY COMMISSIONERS RECORDS
      VOLUME 16, PAGE 110 (1827)
      3.5 RODS WIDE (57.75') WIDE WITHIN PROJECT LOCUS

BASELINE NOTE:
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ROW PT STA. 675+40.79, 0.01' LT. = DESIGN STA. 1675+41.28
ROW EQ. STA. 680+99.50/681+00, 0.02' LT. = DESIGN STA. 1681+00.00
ROW STA. 686+00.00, 0.01' LT. = DESIGN STA. 1686+00.00
ROW EQ. STA. 692+40.64/PC 692+41.44 = DESIGN STA. 1692+40.64
ROW PT STA. 701+21.65, 0.21' RT. = DESIGN STA. 1701+20.89

EXISTING CONDITIONS PLAN
OF 754 ALFRED ROAD PROPERTY
FOR PORTER LAND PRESERVATION, LLC
BY SEBAGO TECHNICS
DATED - MAY 8, 2008
PROJECT NO. 05135

CONDITIONAL USE PLAN
FOR 754 ALFRED ROAD PROPERTY
FOR PORTER LAND PRESERVATION, LLC
BY SEBAGO TECHNICS
DATED - JULY 28, 2005
PROJECT NO. 05135

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999733

GRID MAINE 2000 WEST ZONE

PORTER LAND PRESERVATION, LLC
PARCEL NO. (7)
LAND TAKEN = 1,345± S.F.
SLOPE EASE. = 0.26± AC. (2)
TEMP. CONST. RIGHTS = 0.06± AC. (2)
TOTAL AREA = 20.78± AC. (PER PLAN)
REM. AREA = 20.75± AC.

THOMAS D. WATERMAN
PARCEL NO. (9)
LAND TAKEN = 0.09± AC.
TEMP. CONST. RIGHTS = 1,322± S.F. (2)
TOTAL AREA = 3.83± AC. (PER TOWN)
REM. AREA = 3.74± AC.

NOTE: R/W LINE ACQUIRED ON TANGENT. NOT CONCENTRIC WITH THE BASELINE

REMOVE SIGN
REMOVE STONE FOUNDATION
SLOPE EASEMENT LIMITS
TEMPORARY CONST. LIMITS
581± S.F.
0.22± AC.
392.12'
1,343.02' (TOTAL)
SLOPE EASEMENT LIMITS
TEMPORARY CONSTRUCTION LIMITS
1,834± S.F.
1,172± S.F.
1,055'± (TOTAL)
558.71'
1,345± S.F.
155'±
163'±
262'±
263'±
0.09± AC.
15" CP OPT. I
12" CP OPT. III
6" UD
REMOVE AND RESET 18" X 60" RCP
HOUSE NO LONGER EXISTS REMOVED BETWEEN 9/2014 & 9/2015

ROUTE 111 / STATE HIGHWAY "8" / ALFRED ROAD
673 674 675 676 677 678 679
791.68'
S85°23'20"E
558.71'
1,078.71 (TOTAL)
PCTL STA. & PS SPK

SEE R/W REF. 1A
NOTE: R/W LINE ACQUIRED ON TANGENT. NOT CONCENTRIC WITH THE BASELINE
389.66'
3,083.8'± (TOTAL ALONG EXISTING HIGHWAY R/W)
159.52'
300.17'
P.T. 675+40.79
TEMPORARY CONSTRUCTION LIMITS
1,286± S.F.
1,207± S.F. TEMP. CONST.
100.00'
275± DRAINAGE EASE.
OUTLET DRAINAGE STRUCTURE STA. 679+46 TO STA. 679+70 RT.

RICHARD D. LESSARD
JANICE G. LESSARD

SCOTT L. BRIGGS
ANASTASHA BRIGGS

CURVE DATA
D = 0°24'00.0"
Δ = 3°10'00" Rt.
R = 14,323.97'
L = 791.68

PHILIP N. LABBE
ITEM NO. (8)
TEMP. CONST. RIGHTS = 1,286± S.F. (1)
TOTAL AREA = 1.00± AC. (LOT #1, PER PLAN)

BDF HOLDINGS LLC
PARCEL NO. (10)
DRAINAGE EASE. = 275± S.F. (1)
TEMP. CONST. RIGHTS = 1,207± S.F. (1)
TOTAL AREA = 30.47± AC. (PLAN & DEED)

PLAN SHOWING LAND SURVEYED FOR RACHEL LEGALLEE BY DOW & COULOMBE INC. DATED - NOVEMBER 28, 1978 LAST REVISION DATE - SEPTEMBER 1983

SITE PLAN SHOWING A STANDARD BOUNDARY SURVEY MADE FOR RICHARD D. & JANICE G. LESSARD BY JOHN BRUCKLER DATED - JANUARY 14, 2009 JOB NO. 07396

FINAL SUBDIVISION PLAN, LEDGEWOOD MEADOWS RECORD OWNER: PHILIP N. & JUDITH A. LABBE BY PAUL P. GADBOIS DATED NOVEMBER 13, 2015 Y.C.R.D. PLAN BOOK 381, PAGE 1

STANDARD BOUNDARY SURVEY MADE FOR NORMAN CREPEAU BY JOHN BRUCKLER DATED - AUGUST 18, 2001 JOB NO. 01293

WIN 19107.00

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	R.M.C.
AREAS	R.M.C.
TECH	N.T.A. / N.T.A. / N.T.A.

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK ____ PAGE ____ COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	10/1/18	17812	64

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

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STATE HIGHWAY "8"
ROUTE 111 \ ALFRED ROAD
ARUNDEL YORK COUNTY
STATE PROJECT NO. 19107.00

FEBRUARY 2018 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 16-526
SCALE 1" = 25' | SHEET 4 OF 5

SHEET NUMBER
78
OF 79

Filename: ...\00\ROW\MSTA\079_RWPLAN5.dgn Division: ROW
Username: Nicholas.Acheson Date:12/4/2018

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

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

STATE OF MAINE
REGISTRY OF DEEDS
COUNTY _____
RECEIVED _____, _____
at _____h_____m_____M and recorded in
Plan Book _____, Page _____
Attest: _____
REGISTER

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

PLAN SHOWING A PROPOSED EXPANSION OF CHARTER OAK MOBILE HOME HOME PARK ROUTE 111 - ARUNDEL, MAINE BY RICHARD A. MANTHORNE DATED - DECEMBER 1983 Y.C.R.D. PLAN BOOK 127, PAGE 40

PLAN SHOWING A SURVEY OF LAND OWNED BY CHARTER OAK MOBILEHOME VILLAGE CORP. BY LIBBY & DOW DATED - AUGUST 29, 1969 LAST REVISION DATE - MAY 14, 1990

MERRI-DOT MOBILE HOME PARK AMENDED SITE PLAN BY SQUAW BAY CORP. RECORDED - NOVEMBER 15, 1990 Y.C.R.D. PLAN BOOK 197, PAGE 4

THE PINES AT ARUNDEL FORMERLY KNOWN AS MERRI DOT MOBILE HOME PARK AMENDED SITE PLAN BY SQUAW BAY CORP. DATED - AUGUST 23, 1995 Y.C.R.D. PLAN BOOK 231, PAGE 43

CONTROL INFORMATION
HORIZONTAL DATUM - US STATE PLANE NAD83(1996)
ZONE - MAINE 2000 WEST ZONE
VERTICAL DATUM - NAVD88
COMBINED SCALE FACTOR - 0.9999733

GRID MAINE 2000 WEST ZONE

THOMAS D. WATERMAN
PARCEL NO. (9)
(SEE SHEET 4 FOR PARCEL SETUP)

ROBERT E. MINIUTTI
PARCEL NO. (11)
LAND TAKEN = 1,164± S.F.
TEMP. CONST. RIGHTS = 931± S.F. (1)
TOTAL AREA = 0.68± AC. (PER TOWN)
REM. AREA = 0.65± AC.

THE PINES OF ARUNDEL, L.L.C.
PARCEL NO. (12)
LAND TAKEN = 0.05± AC.
DRAINAGE EASE. = 200± S.F. (1)
TEMP. CONST. RIGHTS = 1,282± S.F. (2)
TOTAL AREA = 24.5± AC. (PER TOWN)
REM. AREA = 24.45± AC.

CHARTER OAKS, LLC
PARCEL NO. (13)
LAND TAKEN = 1,301± S.F.
TEMP. CONST. RIGHTS = 0.05± AC. (1)
TOTAL AREA = 9.5± AC. (PER TOWN)
REM. AREA = 9.47± AC.

EQUATION POINT
STA. 680+99.50 BACK = STA. 681+00.00 AHEAD (EQ.=-.50)

INLET DRAINAGE STRUCTURE
STA. 681+76 TO 681+96 LT.

TEMPORARY CONSTRUCTION LIMITS
EXISTING EASEMENT BENEFITTING WATERMAN Y.C.R.D. BOOK 2990, PAGE 206 DATED OCTOBER 10, 1982
DRAINAGE EASEMENT LIMITS
TEMP. CONST. LIMITS
REMOVE
REMOVE TEMPORARY CONSTRUCTION LIMITS
REMOVE AND RESET 18" X 60" RCP
SEE R/W REF. 1B

558.71'
150± S.F.
931± S.F.
1,041± S.F.
200± S.F.
241± S.F.
0.05± AC.
750.00' (STA. 681+00 LT. TO 688+50 LT.)
496'±
1,055'± (TOTAL)
1,301± S.F.
0.05± AC.
685+96± 50' LT
4'±
46.6'±
55'±
44.2±
100'±
1,164± S.F.
101'±
273'±
279'±
256'±
254'±
12" CP OPT. III
6" UD
24" UD
18" CP OPT. III
60' RCP
SLOPE

679 +46 +46 +66± +69± 680 S85°23'20"E 558.71' +66± +70 681 +71± 682 +76 +96 +30 683 +40± S85°23'20"E 520.00' 684 +50 685 +25 +38'± +93± 686 +05 +20

1,078.71 (TOTAL) ROUTE 111 / STATE HIGHWAY "8" / ALFRED ROAD

BEGIN B.L. STA. 685+00 PROJECT 19002.00
END B.L. STA. 686+20 STATE PROJ. NO. 19107.00
19107 ACQUISITION
19002 ACQUISITION

50' 50' 12' 8'

300.17'
DRAINAGE 52'
275± S.F. EASEMENT
LIMITS 52'
3,083.8'± (TOTAL ALONG EXISTING HIGHWAY R/W)
438'±
1,055.09' (STA. 681+00 RT. TO 691+55 RT.)
SEE R/W REF. 1A

OUTLET DRAINAGE STRUCTURE
STA. 679+46 TO STA. 679+70 RT.

BDF HOLDINGS LLC
PARCEL NO. (10)
DRAINAGE EASE. = 275± S.F. (1)
TEMP. CONST. RIGHTS = 1,207± S.F. (1)
TOTAL AREA = 30.47± AC. (PLAN & DEED)

BENJAMIN FITZPATRICK

SEE SHEET 2 FOR PARCEL NO. (14)

EXISTING RIGHT OF WAY REFERENCES

ACQUISITIONS SHOWN ON THIS PLAN ARE DIMENSIONED FROM THE HISTORICAL 1948 BASELINE (S.H.C. FILE 16-69). SEE 'BASELINE NOTE' FOR ADDITIONAL INFORMATION.

1) ROUTE 111 (ALFRED ROAD)
A) STATE OF MAINE - RIGHT OF WAY MAP
STATE HIGHWAY "U"
NORTH KENNEBUNKPORT, YORK COUNTY
FEDERAL AID PROJECT NO. F 360 (1)
DATED - JUNE 1948
S.H.C. FILE NO. 16-69, SHEETS 5 & 6 OF 9
YORK COUNTY REGISTRY OF DEEDS (Y.C.R.D.)
PLAN BOOK 23, PAGES 12 TO 20
B) YORK COUNTY COMMISSIONERS RECORDS
VOLUME 16, PAGE 110 (1827)
3.5 RODS WIDE (57.75') WIDE WITHIN PROJECT LOCUS

BASELINE NOTE:
THE BASELINE SHOWN ON THIS PLAN IS THE SAME AS THE 1948 HISTORICAL ROUTE 111 BASELINE AS SHOWN ON S.H.C. FILE 16-69. EQUATION STATIONS WERE ADDED IN ORDER TO FIT THE BASELINE WITH THE FOUND HIGHWAY MONUMENTS FROM 1948 PROJECT.

ADDITIONALLY, THE 2018 DESIGN BASELINE IS SLIGHTLY DIFFERENT FROM THE RIGHT OF WAY BASELINE. TIES TO THE DESIGN BASELINE ARE LISTED BELOW:

ROW EQ. STA. 654+50/654+52.50, 0.62' LT. = DESIGN STA. 1654+53.53
ROW EQ. STA. 667+48.61/PC 667+49.11, 1.06' RT. = DESIGN STA. 1667+49.64
ROW PT. STA. 675+40.79, 0.01' LT. = DESIGN STA. 1675+41.28
ROW EQ. STA. 680+99.50/681+00, 0.02' LT. = DESIGN STA. 1681+00.00
ROW STA. 686+00.00, 0.01' LT. = DESIGN STA. 1686+00.00
ROW EQ. STA. 692+40.64/PC 692+41.44 = DESIGN STA. 1692+40.64
ROW PT. STA. 701+21.65, 0.21' RT. = DESIGN STA. 1701+20.89

STANDARD BOUNDARY SURVEY MADE FOR NORMAN CREPEAU BY JOHN BRUCKLER DATED - AUGUST 18, 2001 JOB NO. 01293

PLAN SHOWING A STANDARD BOUNDARY SURVEY AND PROPOSED CONVEYANCES LOCATED ON NEW ROAD AND ALFRED ROAD BY JOHN BRUCKLER DATED - JANUARY 3, 2003 JOB NO. 03320

WIN 19107.00

ITEM	CHECKED
EXISTING CONDITION PLAN	C.W.K.
FINAL RIGHT OF WAY	N.T.A.
AREAS	N.T.A.
	R.M.C.
	R.M.C.

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

REVISIONS

NO.	DATE	DESCRIPTION	BY

PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD

NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE
		COND.	10/1/18	17812	64

DAVID BERNHARDT
COMMISSIONER
JOYCE NOEL TAYLOR
CHIEF ENGINEER
DATE

To the best of my knowledge and belief the Highway Right of Way lines depicted hereon are based upon a survey conforming to the Standards of Practice promulgated by the Maine Board of Licensure for Professional Land Surveyors 02-360 CMR, Chapter 90; Exceptions: (1) No separate survey report, (2) Monumentation only as shown on plan. See sheet X of this plan set for coordinates. (3) Other boundary lines, including lines between abutters are approximate and for general reference purposes only.

STATE HIGHWAY "8"
ROUTE 111 \ ALFRED ROAD
ARUNDEL YORK COUNTY
STATE PROJECT NO. 19107.00

FEBRUARY 2018 | RIGHT-OF-WAY MAP | D.O.T. FILE NO. 16-526
SCALE 1" = 25' | SHEET 5 OF 5

SHEET NUMBER
79
OF 79