

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



CAMDEN
KNOX COUNTY
ROUTE 1

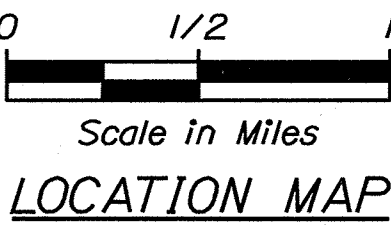
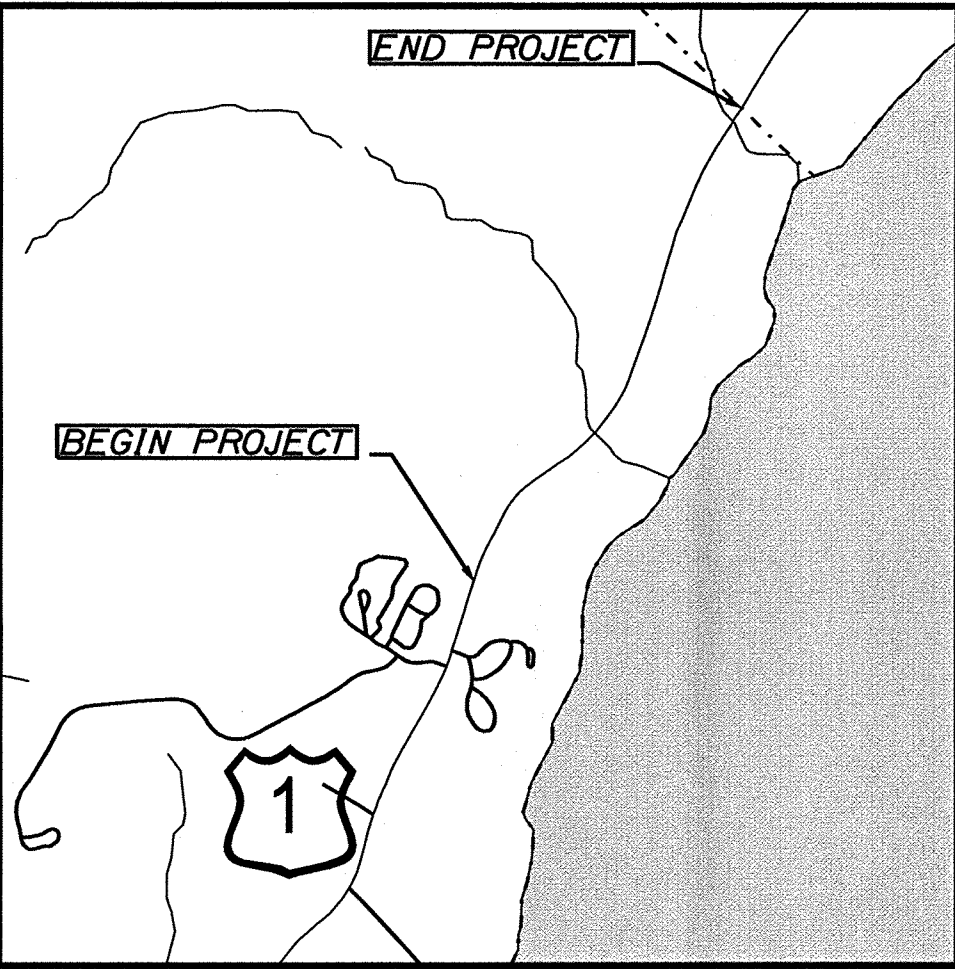
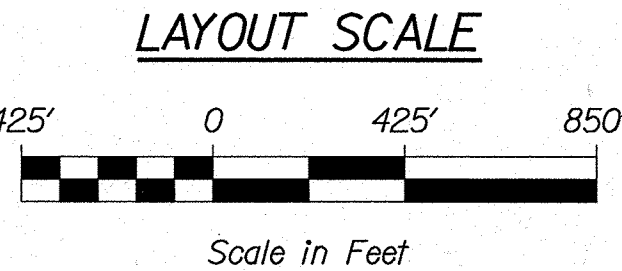
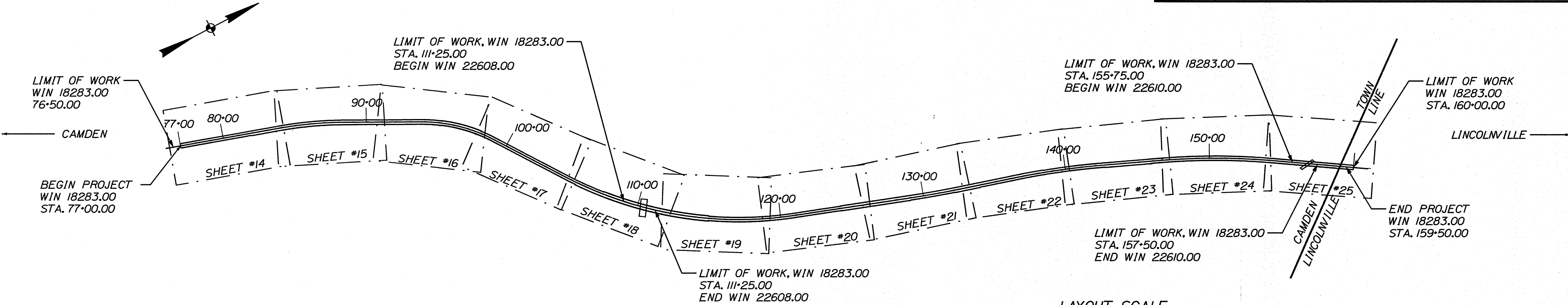
FEDERAL PROJECT NO. NH-1828(300)
PROJECT LENGTH : 1.54 MILES

PLAN LEGEND

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

INDEX OF SHEETS

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Spring Brook Bridge, Bridge # 2794	
WIN 22608.00	A1-A25
Great Brook Bridge, Bridge # 2326	
WIN 22610.00	B1-B8



TRAFFIC DATA

Current (2020) AADT	7,760
Future (2040) AADT	8,540
DHV - % of AADT	10%
Design Hour Volume	854
% Heavy Trucks (AADT)	8%
% Heavy Trucks (DHV)	5%
Directional Distribution (DHV)	54%
18 kip Equivalent P 2.0	571
18 kip Equivalent P 2.5	544
Design Speed (mph)	50
Highway Corridor Priority	1

PROJECT LOCATION:

BEGINNING 0.56 OF A MILE NORTHERLY OF SAGAMORE FARM ROAD AND EXTENDING NORTHERLY 1.54 MILES TO THE LINCOLNVILLE TOWN LINE

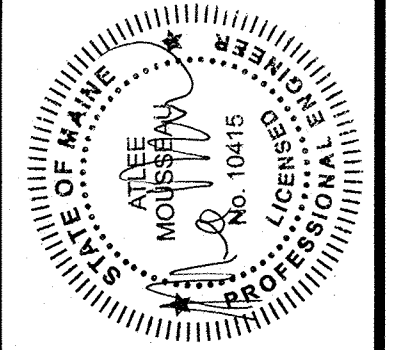
PROGRAM AREA:

HIGHWAY PROGRAM

SCOPE OF WORK:

RECONSTRUCTION

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
COMMISSIONER: [Signature]		1/24/2020
CHIEF ENGINEER: [Signature]		1-28-2020



SIGNATURE	P.E. NUMBER	DATE
[Signature]	10415	01-13-2020

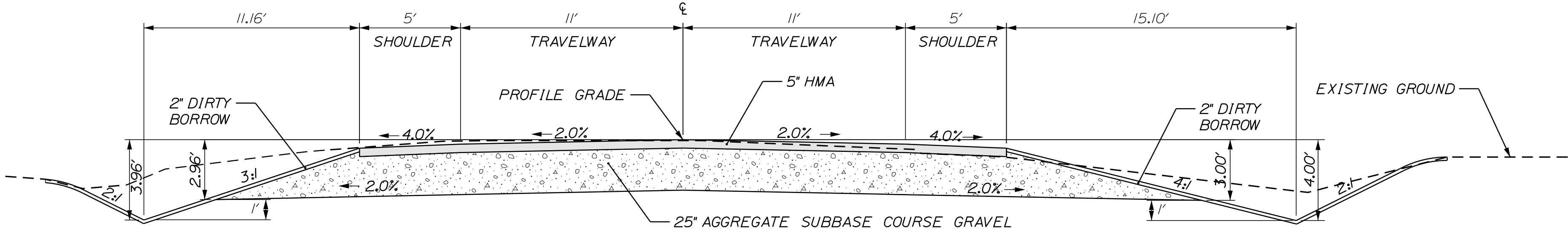
PROJECT INFORMATION	PROGRAM	PROJECT MANAGER	DESIGNER	CONSULTANT	PROJECT RESIDENT	CONTRACTOR	PROJECT COMPLETION DATE
HIGHWAY PROGRAM	ERNEST MARTIN	NATHASHA COLLINS					

CAMDEN ROUTE 1 TITLE SHEET

SHEET NUMBER
1
OF 163

WIN 18283.00 NH-1828(300)

TYPICAL SECTIONS

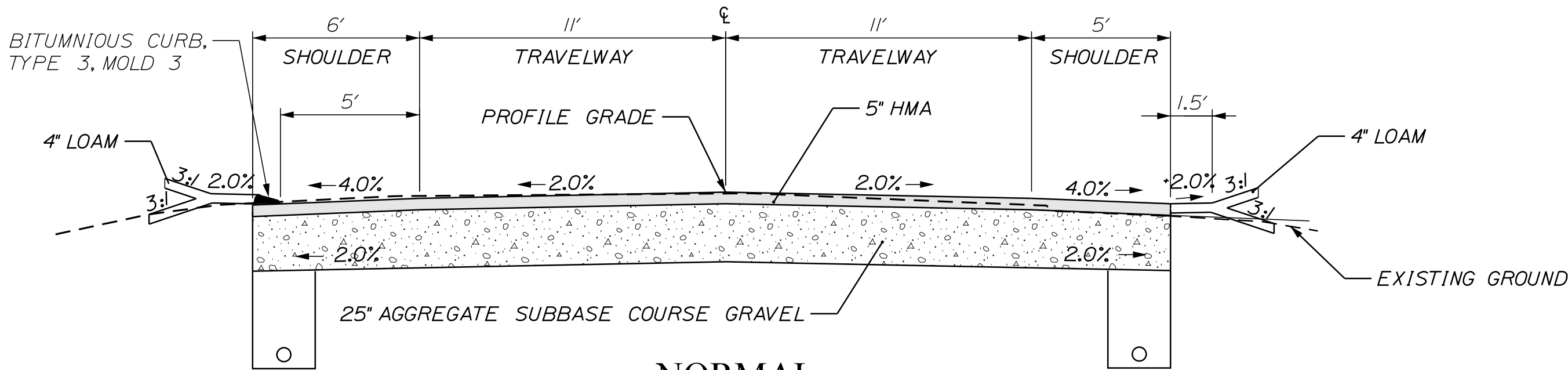


NORMAL

<u>RTE. 1 5' WIDE SHOULDER WITH 3:1 IN-SLOPE DITCH</u> A.S.C.G.= 71.7 C.Y./ 100'
STA. TO STA. 77+00.00 TO 84+50.00, LT 90+84.00 TO 94+00.00, LT 98+50.00 TO 103+25.00, RT 98+50.00 TO 105+00.00, LT 120+50.00 TO 129+50.00, LT 142+00.00 TO 147+00.00, LT

<u>RTE. 1 (2) 11' WIDE TRAVEL LANES</u> A.S.C.G.= 169.7 C.Y./ 100'
STA. TO STA. 77+00.00 TO 84+50.00, RT & LT 88+00.00 TO 94+00.00, RT & LT 98+50.00 TO 105+00.00, RT & LT 120+50.00 TO 129+50.00, RT & LT 132+50.00 TO 137+50.00, RT & LT 142+00.00 TO 147+00.00, RT & LT 154+00.00 TO 159+50.00, RT & LT

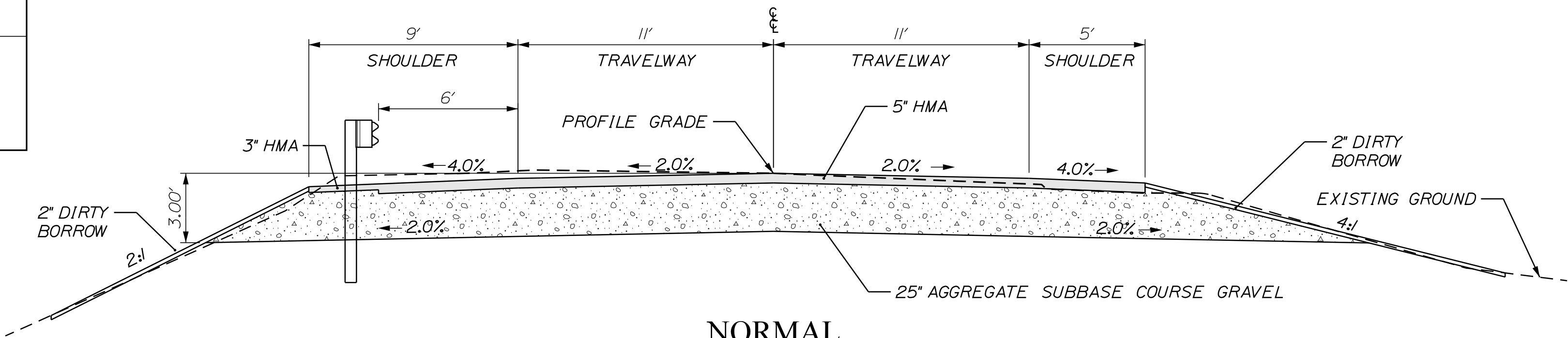
<u>RTE. 1 5' WIDE SHOULDER WITH 4:1 IN-SLOPE DITCH</u> A.S.C.G.= 84.0 C.Y./ 100'
STA. TO STA. 136+60.00 TO 137+00.00, RT 142+00.00 TO 142+40.00, RT



NORMAL

<u>RTE. 1 6' WIDE SHOULDER WITH BITUMINOUS CURB & UNDERDRAIN</u> A.S.C.G.= 45.0 C.Y./ 100'
STA. TO STA. 88+68.00 TO 90+56.00, LT 132+50.00 TO 136+50.00, LT 154+00.00 TO 154+50.00, RT

<u>RTE. 1 5' WIDE BOX SHOULDER WITH UNDERDRAIN</u> A.S.C.G.= 37.7 C.Y./ 100'
STA. TO STA. 142+70.00 TO 146+05.00, RT



NORMAL

<u>RTE. 1 9' WIDE SHOULDER WITH GUARDRAIL</u> A.S.C.G.= 85.9 C.Y./ 100'
STA. TO STA. 88+00.00 TO 88+44.00, LT 104+07.00 TO 105+00.00, RT 154+00.00 TO 159+50.00, LT 154+67.00 TO 159+50.00, RT

<u>RTE. 1 5' WIDE SHOULDER WITH 4:1 SHEET FLOW</u> A.S.C.G.= 84.0 C.Y./ 100'
STA. TO STA. 77+00.00 TO 84+50.00, RT 120+50.00 TO 129+50.00, RT 132+50.00 TO 136+60.00, RT 146+20.00 TO 147+00.00, RT

NOTE:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
2. WHEN SUPERELEVATION EXCEEDS THE SLOPE OF THE LOW SIDE SHOULDER, THE LOW SIDE SHOULDER SHALL HAVE THE SAME SLOPE AS THE TRAVELWAY.
3. CROWNS FOR BOTH NORMAL AND SUPERELEVATION SECTIONS FOR ALL COURSES OF SUBBASE AND PAVEMENT SHALL BE STRAIGHT.
4. THE GRAVEL QUANTITY CALCULATION IS BASED ON A 2" LOAM OR DIRTY BORROW DEPTH. THE ACTUAL DEPTH MAY VARY. SEE THE GENERAL NOTES.
5. THE ALGEBRAIC DIFFERENCE BETWEEN THE SHOULDER AND TRAVELWAY CROSS SLOPES "ROLLOVER" SHALL NOT EXCEED 8%.
6. THE STATIONING SHOWN UNDER EACH TYPICAL IS APPROXIMATE.

NOT TO SCALE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION NH-1828(300)	SIGNATURE		P.E. NUMBER		DATE	
	DATE		BY		FIELD CHANGES	
	E. MARTIN		N. COLLINS		J. HARDEN	
CAMDEN ROUTE 1	DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED	
	DESIGN-DETAILED		DESIGN-DETAILED		DESIGN-DETAILED	
	DESIGN-DETAILED		DESIGN-DETAILED		DESIGN-DETAILED	
TYPICAL SECTIONS	REVISIONS 1		REVISIONS 2		REVISIONS 3	
	REVISIONS 4		REVISIONS 5		REVISIONS 6	
	REVISIONS 7		REVISIONS 8		REVISIONS 9	
SHEET NUMBER		2		OF 163		
NOT TO SCALE		WIN		18283.00		HIGHWAY PLANS

<div> <div>OF 163</div> <div>3</div> <div>SHEET NUMBER</div> </div>		<div> <div>CAMDEN ROUTE 1</div> <div>TYPICAL SECTIONS</div> </div>		<div> <div>PROJ. MANAGER</div> <div>E. MARTIN</div> </div>	<div> <div>BY</div> <div>J. HARDEN</div> </div>	<div> <div>DATE</div> <div>FEB 2020</div> </div>	<div> <div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>NH-1828(300)</div> <div>WIN 18283.00</div> <div>HIGHWAY PLANS</div> </div>	
				<div> <div>DESIGN-DETAILED</div> <div>N. COLLINS</div> </div>	<div> <div>SIGNATURE</div> </div>			
				<div> <div>DESIGN2-DETAILED2</div> <div>T. WHITE</div> </div>	<div> <div>P.E. NUMBER</div> </div>			
				<div> <div>DESIGN3-DETAILED3</div> </div>	<div> <div>DATE</div> </div>			
				<div> <div>REVISIONS 1</div> </div>	<div> <div>DATE</div> </div>			
				<div> <div>REVISIONS 2</div> </div>	<div> <div>DATE</div> </div>			
				<div> <div>REVISIONS 3</div> </div>	<div> <div>DATE</div> </div>			
				<div> <div>REVISIONS 4</div> </div>	<div> <div>DATE</div> </div>			
				<div> <div>FIELD CHANGES</div> </div>	<div> <div>DATE</div> </div>			

ESTIMATED QUANTITIES

Item No.	Item Description	Unit	Quantity
201.110	CLEARING	AC	4.00
201.230	REMOVING SINGLE TREE TOP ONLY	EA	52.00
201.240	REMOVING STUMP	EA	65.00
202.203	PAVEMENT BUTTJOINT	SY	540.00
203.200	COMMON EXCAVATION	CY	43,500.00
203.250	GRANULAR BORROW	CY	250.00
206.070	STRUCTURAL ROCK EXCAVATION, DRAIN AND MINOR STRU	CY	100.00
304.100	AGGREGATE BASE COURSE- GRAVEL	CY	27,100.00
403.208	HOT MIX ASPHALT, 12.5 mm NOMINAL MAXIMUM, SURFACE	T	2,600.00
403.209	HOT MIX ASPHALT, INCIDENTALS	T	350.00
403.213	HOT MIX ASPHALT, 12.5 mm NOMINAL MAXIMUM, BASE	T	5,900.00
409.150	BITUMINOUS TACK COAT, APPLIED	GA	1,550.00
511.070	COFFER DAM- Sta. 87+66, Lt (Inlet)	EA	1.00
511.070	COFFER DAM- Sta. 87+66, Rt (Outlet)	EA	1.00
511.070	COFFER DAM- Sta. 155+38, Lt (Inlet)	EA	1.00
511.070	COFFER DAM- Sta. 155+38, Lt (Outlet)	EA	1.00
603.159	12" CULVERT PIPE, OPT III	LF	74.00
603.170	18" CULVERT PIPE OPT I	LF	704.00
603.179	18" CULVERT PIPE OPT III	LF	337.00
603.190	24" CULVERT PIPE, OPT I	LF	188.00
603.195	24" RCP CLASS III	LF	208.00
603.200	30" CULVERT PIPE, OPT I	LF	160.00
603.205	30" RCP CLASS III	LF	192.00
603.215	36" RCP CLASS III	LF	88.00
603.219	36" CULVERT PIPE OPT III	LF	204.00
603.225	42" RCP CLASS III	LF	80.00
603.229	42" CULVERT PIPE OPT III	LF	74.00
603.235	48" RCP CLASS III	LF	100.00
603.255	60" RCP CLASS III	LF	76.00
603.550	CONCRETE PIPE TIES	EA	40.00
604.090	CATCH BASIN TYPE B1	EA	4.00
604.092	CATCH BASIN TYPE B1-C	EA	10.38
604.096	60" CATCH BASIN TYPE B1-C	EA	1.00
604.244	CATCH BASIN TYPE F4	EA	6.00
605.090	6" UNDERDRAIN TYPE B	LF	2,106.00
605.100	6" UNDERDRAIN OUTLET	LF	262.00
605.110	12" UNDERDRAIN TYPE C	LF	822.00
605.130	18" UNDERDRAIN TYPE C	LF	616.00
606.1301	31" W BEAM GR, MID-WAY SPLICE, SINGLE FACED	LF	2,818.75
606.1303	31" W BEAM GR, MID-WAY SPLICE, 15' RADIUS OR LESS	LF	175.00
606.1305	31" W BEAM GR, MID-WAY SPLICE, FLARED TERMINAL	EA	4.00
606.1306	31" W BEAM GR, MID-WAY SPLICE, TANGENT TERMINAL	EA	2.00
606.1308	BURIED IN-SLOPE GUARDRAIL END	EA	1.00
606.265	TERMINAL END, SINGLE RAIL GALV STEEL	EA	7.00
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	EA	28.00
606.356	UNDERDRAIN DELINEATOR POST	EA	14.00
609.310	CURB TYPE 3	LF	1,548.00
610.080	PLAIN RIPRAP	CY	2,300.00
610.160	HEAVY RIPRAP	CY	350.00
610.180	STONE DITCH PROTECTION	CY	400.00
613.319	TEMPORARY EROSION CONTROL BLANKET	SY	2,500.00
613.400	TURF REINFORCEMENT MAT	SY	290.00
615.070	LOAM	CY	2,250.00
618.130	SEEDING METHOD #1	UN	20.00
618.140	SEEDING METHOD #2	UN	350.00
619.120	MULCH	UN	370.00
620.580	EROSION CONTROL GEOTEXTILE	SY	4,000.00
627.733	4" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	LF	74,250.00
627.750	WHITE OR YELLOW PAVEMENT & CURB MARKING	SF	80.00

Item No.	Item Description	Unit	Quantity
627.780	4" TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	LF	8,250.00
629.050	HAND LABOR, STRAIGHT TIME	HR	25.00
631.120	ALL PURPOSE EXCAVATOR (INCLUDES OPERATOR)	HR	400.00
631.172	TRUCK - LARGE (INCLUDES OPERATOR)	HR	10.00
631.180	CHAIN SAW RENTAL (INCLUDES OPERATOR)	HR	10.00
631.200	STUMP CHIPPER RENTAL (INCLUDES OPERATOR)	HR	10.00
631.220	FRONT END LOADER (INCLUDES OPERATOR)	HR	10.00
639.180	FIELD OFFICE, TYPE A	EA	1.00
645.106	DEMOUNT REG, WRNG, CONF & RTE MARKER SIGN	EA	19.00
645.116	REINSTALL REG, WRNG, CONF & RTE MARKER SIGN	EA	19.00
652.310	TYPE I BARRICADE	EA	25.00
652.311	TYPE II BARRICADE	EA	25.00
652.330	DRUMS	EA	80.00
652.340	CONES	EA	100.00
652.350	CONSTRUCTION SIGNS	SF	500.00
652.360	MAINT OF TRAFF CONTROL DEV	CD	400.00
652.380	FLAGGERS	HR	8,000.00
652.410	PORTABLE CHANGEABLE MESSAGE SIGN	EA	4.00
656.750	TEMPORARY SOIL EROSION & WATER POLLUTION CONTROL	LS	1.00
659.100	MOBILIZATION	LS	1.00
660.210	ON THE JOB TRAINING	HR	2,000.00
801.141	4" PVC SANITARY SEWER (SDR-35)	LF	125.00
801.160	6" PVC SANITARY SEWER (SDR-35)	LF	50.00

EARTHWORK SUMMARY	
COMMON EXCAVATION FOR ESTIMATE	
COMMON EXCAVATION (FROM MODEL OR PLANS)	40,625.09
GRUBBING IN FILL	142.13
CULVERT INLET AND OUTLET DITCHES	2,299.00
PAVEMENT SALVAGE IN FILL	361.11
TOTAL COMMON EXCAVATION	43,427.33
FILL FOR BORROW CALCULATIONS	
COMMON FILL (FROM MODEL OR PLANS)	7,327.00
GRUBBING IN FILL	142.00
PAVEMENT SALVAGE IN FILL	361.11
TOTAL FILL	7,830.11
AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS	
ALL DEDUCTIONS:	
GRUBBING IN CUT	4,917.00
GRUBBING IN FILL	142.00
PAVEMENT SALVAGE (CUT & FILL)	4,583.33
TOTAL DEDUCTIONS	9,642.33
TOTAL AVAILABLE COMMON EXCAVATION (-) TOTAL DEDUCTIONS	33,785.00
RIPRAP EXCAVATION	843.00
TOTAL AVAILABLE NON-ROCK EXCAVATION	34,628.00
COMPUTATION OF WASTE STORAGE & WASTE MATERIAL	
GRUBBING IN CUT	4,917.00
GRUBBING IN FILL	142.00
TOTAL WASTE MATERIAL	5,059.00
TOTAL WASTE MATERIAL TO BE WASTED	5,059.00
COMPUTATION FOR GRANULAR BORROW FOR ESTIMATE	
GRANULAR BORROW TO MAINTAIN TRAFFIC	250.00
TOTAL GRANULAR BORROW	250.00
COMPUTATION FOR SURPLUS MATERIAL OR COMMON BORROW FOR ESTIMATE	
TOTAL AVAILABLE NON-ROCK EXCAVATION	34,628.00 x 0.90 = 31,165.20
TOTAL AVAILABLE EXCAVATION	31,165.20
IF NO BORROW IS NEEDED, SURPLUS MATERIAL = AVAILABLE EXCAVATION (-) TOTAL FILL, (+) TOTAL WASTE MATERIAL TO BE WASTED	28,394.09
SURPLUS MATERIAL	28,394.09

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN
18283.00
HIGHWAY PLANS

CAMDEN
ROUTE 1

ESTIMATED QUANTITIES &
EARTHWORK SUMMARY

SHEET NUMBER

4

OF 163

STATION	CULVERT PIPE									CATCH BASIN				MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			OPTION I		OPTION III									TYPE B		TYPE C					
						SMOOTHLINED		CORRUGATED		TYPE B	OUTLET	SMOOTHLINED			CORRUGATED		DESCRIPTIONS					
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	B1	B1-C	E	F-4		LENGTH	LENGTH		SIZE	LENGTH	SIZE	LENGTH	
Driveway Culverts																						
Sta. 77+64.53, LT				18"	50'																	
Sta. 82+29.78, LT				18"	52'																	
Sta. 93+64.28, LT				18"	50'																	
Sta. 103+20.69, LT				30"	54'																	
Sta. 104+01.78, LT				30"	52'																	
Sta. 105+81.11, LT				24"	96'																	
Sta. 114+94.02, RT				18"	78'																	
Sta. 118+79.95, LT				30"	54'																	
Sta. 121+99.02, LT				24"	46'																	
Sta. 123+91.58, LT				24"	46'																	
Sta. 125+10.10, LT				18"	56'																	
Sta. 126+31.45, LT				18"	50'																	
Sta. 127+46.71, LT				18"	52'																	
Sta. 128+27.96, LT				18"	50'																	
Sta. 130+76.75, LT				18"	50'																	
Sta. 137+21.05, LT				18"	56'																	
Sta. 138+69.60, LT				18"	56'																	
Sta. 140+19.56, RT				18"	46'																	
Sta. 141+08.62, LT				18"	54'																	
Sta. 143+30.92, LT				18"	56'																	
Sta. 143+99.97, LT				18"	50'																	
Reinforced Concrete Pipe																						
Sta. 79+78.62				42"	80'	III																
Sta. 87+66.22				60"	76'	III																
Sta. 95+44.41				30"	56'	III																
Sta. 105+23.30				36"	88'	III																
Sta. 129+94.83				24"	72'	III																
Sta. 134+09.62				24"	64'	III																
Sta. 136+97.45				24"	72'	III																
Sta. 139+99.29				30"	64'	III																
Sta. 146+12.25				30"	72	III																
Sta. 155+38.85				48"	100'	III																
Catch Basins																						
CB #1: Sta. 88+80.00, 14.5' LT											1											
CB #2: Sta. 90+61.60, 60.20' LT														1								
CB #3: Sta. 90+50.00, 14.5' LT											1											
CB #4: Sta. 91+75.63, 14.5' RT											1											
CB #5: Sta. 91+75.63, 19.5', RT													1									
CB #6: Sta. 95+50.00, 14.5' RT											1								60" TUB			
CB #7: Sta. 97+75.00, 18.5' LT													1									
CB #8: Sta. 104+95.60, 31.60' LT										1									FLAT TOP			
CB #9: Sta. 105+40.20, 33.25' LT										1												
CB #10: Sta. 132+79.60, 14.5' LT											1											
CB #11: Sta. 134+10.60, 26.25' LT										1												
CB #12: Sta. 134+10.00, 14.5' LT											1											
CB #13: Sta. 139+97.20, 31.0' RT										1									FLAT TOP WITH SOLID GRATE			
CB #14: Sta. 146+72.66, 23.0' LT													1									
CB #15: Sta. 146+72.66, 14.5' LT											1											
CB #16: Sta. 148+81.50, 20.86' LT													1									
CB #17: Sta. 148+81.50, 14.5' LT											1											
CB #18: Sta. 150+68.60, 75.0' RT													1									
CB #19: Sta. 150+58.00, 14.5' LT											1											
CB #20: Sta. 152+50.00, 14.5' LT											1											
CB #21: Sta. 154+50.00, 14.0', LT											1											

STATION	CULVERT PIPE									CATCH BASIN				MH	UNDERDRAIN						ELBOWS, TEES, WYES AND INLET GRATE UNITS	REMARKS
	RCP			OPTION I		OPTION III									TYPE B		TYPE C					
						SMOOTHLINED		CORRUGATED									TYPE B		TYPE C			
	SIZE	LENGTH	CLASS	SIZE	LENGTH	SIZE	LENGTH	SIZE	LENGTH	A1-C	B1-C	E	F		LENGTH	LENGTH	SIZE	LENGTH	SIZE	LENGTH	DESCRIPTIONS	
Underdrain																						
Sta. 81+80.00, 26.7' RT to Sta. 82+50.00, 14.5' RT															72'							
Sta. 82+50.00, to Sta. 86+50.00, RT														400'								
CB #1 to CB #3																18"	170'	18"	170'			
Sta. 88+50.00, RT to CB #4														326'								
CB #4 to CB #6																12"	372'	12"	372'			
Sta. 95+48.00 to Sta.97+72.00, LT														226'								
Sta.97+72.00 to 98+18.00, 27.50' LT															48'							
CB #10 to Sta. 134+06.00, LT														130'								
Sta. 133+44.00, 27.06' RT to Sta. 133+53.08, 28.84' RT															10'					SLOT DRAIN REPLACEMENT UNDER DRIVEWAY		
CB #12 to Sta. 136+50.00, LT																12"	240'	12"	240'			
Sta. 142+40.00, 30.5' RT to Sta. 142+76.50, RT															40'							
Sta. 142+76.50 to Sta. 146+02.00, RT														326'								
CB #15 to CB #17																12"	210'	12"	210'			
CB #17 to Sta. 149+78.50, LT														96'								
Sta. 149+16.00, RT to Sta. 154+45.00, RT														526'								
Sta. 149+82.00, LT to CB #19														76'								
CB #19 to CB #20																18"	194'	18"	194'			
CB #20 to CB #21																18"	252'	18"	252'			
Sta. 154+43.00, RT to Sta. 155+26.20, 55.0' RT															92'							
Culvert Pipes																						
Sta. 88+00.00, 39.75' LT to CB #1						18"	86'															
CB #2 to CB #3						18"	44'															
CB #4 to CB #5						12"	4'															
CB #6 to 95+69.0, 21.50' RT						36"	20'															
CB #7 to Sta. 98+18.00, 27.5' LT						12"	46'															
Sta. 103+25.00, 33.36' to Sta. 104+25.00, 40.0' RT						36"	100'															
Sta. 114+50.00, 44.12' LT to Sta. 115+25.00, 31.90' LT						42"	74'															
Sta. 132+50.00, 27.16' LT to CB #10						18"	32'															
CB #11 to CB #12						12"	8'															
CB #13 to Sta. 139+82.25, 113.50' RT						36"	84'															
CB #15 to Sta. 146+15.00, 38' LT						18"	63'															
CB #14 to CB #15						12"	8'															
CB #16 to CB #17						12"	8'															
CB #18 to CB #19						18"	58'															
CB #21 to Sta. 155+25.85, 63.50' LT						18"	54'															

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)

WIN
18283.00
HIGHWAY PLANS

CAMDEN
ROUTE 1
DRAINAGE SHEET

SHEET NUMBER
6
OF 163

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

BY
J.HARDEN
T.WHITE

DATE
FEB 2020

SIGNATURE
P.E. NUMBER
DATE

GENERAL NOTES

1. CLEARING LIMITS SHALL BE 2' BEYOND AND PARELLEL TO THE CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS UNLESS OTHERWISE AUTHORIZED BY THE RESIDENT.

2. STUMPS HAVE BEEN ESTIMATED TO BE REMOVED UNDER ITEM NO. 201.24 REMOVE STUMP. HOWEVER WHERE DIRECTED BY THE RESIDENT, ITEM 631.20 STUMP CHIPPER (INCLUDING OPERATOR) MAY BE USED TO REMOVE STUMPS.

3. 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 PURPOSED ONLY. ACTUAL GRUBBING LIMITS MAY VARY BASED ON FIELD CONDITIONS AS DIRECTED BY THE RESIDENT.

4. ALL INSLOPES AND DITCHES IN CUT AREAS SHALL BE GRADED AS SHOWN ON THE TYPICALS OR FLATTER, OR AS DIRECTED BY THE RESIDENT.

5. THE CONTRACTOR SHALL PLAN AND CONSTRUCT THEIR WORK ACCORDINGLY SO THAT UPON FINAL COMPLETION OF THE PROJECT THERE IS NO DROP-OFF FROM THE EDGE OF SHOULDER PAVEMENT.

6. DRIVEWAY FILL SIDE SLOPES SHALL BE THE SAME AS THE NON-GUARDRAIL FILL SLOPES UNLESS OTHER- WISE NOTED ON THE PLANS.

7. 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.

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

9. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION OR IN LOW WET AREAS TO 1 FOOT ABOVE WATER LEVEL OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.9.

10. EXISTING INSLOPES IN PROPOSED FILL AREAS SHALL BE BENCHED BY EXCAVATING STEPS OF SUFFICIENT WIDTH TO PERMIT PLACING AND COMPACTING THE FILL MATERIAL ALONG WITH THE MATERIAL REMOVED.

11. RESIDENTIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 2" HMA AND 12" AGGREGATE SUBBASE COURSE GRAVEL.

12. COMMERCIAL PAVED ENTRANCES SHALL BE CONSTRUCTED WITH 3" HMA, 11" AGGREGATE SUBBASE COURSE GRAVEL.

13. GRAVEL ENTRANCES SHALL BE CONSTRUCTED WITH 14" AGGREGATE SUBBASE COURSE GRAVEL 11" AGGREAGTE SUBBASE COURSE GRAVEL AND 3" UNTREATED AGGREGATE SURFACE COURSE UNLESS OTHERWISE NOTED IN THE PLANS OR DIRECTED BY THE RESIDENT.

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

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

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

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

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

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

22. ANY NECESSARY CUTTING OF EXISTING PIPES TO FIT IN AREAS OR PROPOSED CATCH BASINS WILL NOT BE PAID FOR SEPERATELY AND WILL BE CONSIDERED INCIDENTAL TO ITEM 604.

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

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

25. ALL EXISTING GUARDRAIL SHALL BE REMOVED AND BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.

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

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

28. A DELINEATOR POST (ITEM 606.356) WILL BE INSTALLED AT EACH END OF A RUN OF BITUMINOUS CURB.

29. 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.

30. DIRTY BORROW HAS BEEN ESTIMATED FOR ALL DISTURBED SLOPE AREAS OTHER THEN LAWN AREAS. ACTUAL PLACEMENT OF THE DIRTY BORROW SHALL BE AS NOTED ON THE PLANS OR DESIGNATED BY THE RESIDENT.

31. 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.

32. 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.

33. DIRTY BORROW SHALL BE PLACED TO A NOMINAL DEPTH OF 2 INCHES UNLESS OTHERWISE NOTED OR DIRECTED

34. 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.

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

36. THE CONTRACTOR WILL BE RESPONSIBLE FOR MAINTAINING ALL EXISTING OPERATIONAL BUSINESS DIRECTIONAL SIGNS (OBDS) TO ENSURE THAT THEY ARE VISIBLE TO THE TRAVELING PUBLIC. PAYMENT FOR THIS WORK WILL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

37. 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 MUCH BE PLACED BEFORE PAVING CAN COMMENCE. A TRAFFIC CONTROL PENALTY WILL BE ASSESSED FOR EACH DAY OF NON-COMPLIANCE

38. 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.

39. THE PROJECT GEOTECHNICAL REPORT TITLED, GEOTECHNICAL DESIGN REPORT FOR THE RECONSTRUCTION OF: U.S. ROUTE 1, CAMDEN, MAINE, SOILS REPORT 2020-02, JANUARY 15, 2020. THE REPORT CAN BE ACCESSED AT THE MAINEDOT WEBSITE <http://www.maine.gov/mdot/contractors/>

40. GEOTECHNICAL INFORMATION FURNISHED OR REFERRED TO IN THIS PLANSET 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 CONDITIONS AT THE CONSTRUCTION SITE. MAINEDOT SHALL NOT BE RESPONSIBLE FOR THE BIDDERS OR THE CONTRACTOR'S INTERPRETATIONS OF OR CONCLUSIONS DRAWN FROM THE SUBSURFACE INFORMATION. THE BORING LOGS CONTAINED IN THE PLANSET PRESENT FACTUAL AND INTERPRETIVE SUBSURFACE INFORMATION COLLECTED AT DISCRETE LOCATIONS. DATA PROVIDED MAY NOT BE REPRESENTATIVE OF THE SUBSURFACE CONDITIONS BETWEEN BORING LOCATIONS

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

42. 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 BACK SLOPING REQUIREMENTS WILL NOT BE PAID FOR DIRECTLY BUT WILL BE CONSIDERED INCIDENTAL TO THE RELATED DRAINAGE ITEMS.

43. 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.

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

45. 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.

46. ANY WORK RELATED TO THE STONE WALLS THAT ARE LABELED 'REMOVE WALL, RELOCATED WITH PERMISSION' WILL BE PAID FOR UNDER APPROPRIATE HOURLY ITEMS, AS DIRECTED BY THE RESIDENT

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	NH-1828(300)		WIN 18283.00		HIGHWAY PLANS		
CAMDEN ROUTE 1 GENERAL NOTES	PROJ. MANAGER	E. MARTIN	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
	DESIGN-DETAILED	N. COLLINS	J. HARDEN				
	CHECKED-REVIEWED			FEB 2020			
	DESIGN-DETAILED	C. RUSSELL	T. WHITE				
	REVISIONS 1						
	REVISIONS 2						
	REVISIONS 3						
	REVISIONS 4						
	FIELD CHANGES						
SHEET NUMBER							
7							
OF 163							

SUPERELEVATION CHART

Left Shoulder	Left Travelway	Station	Right Travelway	Right Shoulder
Match		76+50.00	Match	
-2.1%	-2.4%		-1.6%	-3.2%
-4.0%	-2.0%	77+00.00	-2.0%	-4.0%
NORMAL CROWN				
-4.0%	-2.0%	82+50.00	-2.0%	-4.0%
↓	-0.6%	83+00.00	↓	↓
	0.9%	83+50.00		
	2.0%	83+90.35	-2.0%	
	2.3%	84+00.00	-2.3%	
-4.0%	3.7%	84+50.00	-3.7%	-4.0%
FULL SUPERELEVATION				
-4.0%	3.7%	88+00.00	-3.7%	-4.0%
↓	2.3%	88+50.00	-3.3%	↓
	2.0%	88+59.65	-2.0%	
	0.9%	89+00.00	↓	
	-0.6%	89+50.00		
-4.0%	-2.0%	90+00.00	-2.0%	-4.0%
NORMAL CROWN				
-4.0%	-2.0%	92+00.00	-2.0%	-4.0%
↓	-0.1%	92+50.00	↓	↓
	1.9%	93+00.00		
-4.0%	2.0%	93+02.56	-2.0%	
-2.2%	3.9%	93+50.00	-3.8%	
-2.0%	4.0%	93+53.85	-4.0%	-4.0%
-2.0%	5.8%	94+00.00	-5.8%	-5.8%
FULL SUPERELEVATION				
-2.0%	5.8%	98+50.00	-5.8%	-5.8%
-2.0%	4.0%	98+96.15	-4.0%	-4.0%
-2.2%	3.9%	99+00.00	-3.9%	↓
-4.0%	2.0%	99+47.44	-2.0%	
↓	1.9%	99+50.00	↓	
	0.0%	100+00.00		
-4.0%	-2.0%	100+50.00	-2.0%	-4.0%
NORMAL CROWN				
-4.0%	-2.0%	103+00.00	-2.0%	-4.0%
↓	↓	103+50.00	-0.6%	↓
		104+00.00	0.9%	
	-2.0%	104+40.35	2.0%	
	-2.3%	104+50.00	2.3%	
-4.0%	-3.7%	105+00.00	3.7%	-4.0%
FULL SUPERELEVATION				
-4.0%	-3.7%	120+50.00	3.7%	-4.0%
↓	-2.3%	121+00.00	2.3%	↓
	-2.0%	121+09.65	2.0%	
	↓	121+50.00	0.9%	
		122+00.00	-0.6%	
-4.0%	-2.0%	122+50.00	-2.0%	-4.0%
NORMAL CROWN				

Left Shoulder	Left Travelway	Station	Right Travelway	Right Shoulder
NORMAL CROWN				
-4.0%	-2.0%	127+50.00	-2.0%	-4.0%
↓	↓	128+00.00	-1.0%	↓
		128+50.00	0.0%	
		129+00.00	1.0%	
-4.0%	-2.0%	129+50.00	2.0%	-4.0%
FULL SUPERELEVATION				
-4.0%	-2.0%	132+50.00	2.0%	-4.0%
↓	↓	133+00.00	1.0%	↓
		133+50.00	0.0%	
		134+00.00	-1.0%	
-4.0%	-2.0%	134+50.00	-2.0%	-4.0%
NORMAL CROWN				
-4.0%	-2.0%	135+00.00	-2.0%	-4.0%
↓	-0.9%	135+50.00	↓	↓
	0.2%	136+00.00		
	1.3%	136+50.00		
	2.0%	136+81.82	-2.0%	
-4.0%	2.4%	137+00.00	-2.4%	-4.0%
FULL SUPERELEVATION				
-4.0%	2.4%	142+00.00	-2.4%	-4.0%
↓	2.0%	142+18.18	-2.0%	↓
	1.3%	142+50.00	↓	
	0.2%	143+00.00		
	-0.9%	143+50.00		
-4.0%	-2.0%	144+00.00	-2.0%	-4.0%
NORMAL CROWN				
-4.0%	-2.0%	145+00.00	-2.0%	-4.0%
↓	-0.9%	145+50.00	↓	↓
	0.3%	146+00.00		
	1.4%	146+50.00		
	2.0%	146+77.78	-2.0%	
-4.0%	2.5%	147+00.00	-2.5%	-4.0%
FULL SUPERELEVATION				
-4.0%	2.5%	154+00.00	-2.5%	-4.0%
↓	2.0%	154+22.22	-2.0%	↓
	1.4%	154+50.00	↓	
	0.3%	155+00.00		
	-0.9%	155+50.00		
-4.0%	-2.0%	156+00.00	-2.0%	-4.0%
NORMAL CROWN				
-4.0%	-2.0%	156+50.00	-2.0%	-4.0%
↓	↓	↓	↓	↓
-4.0%	-2.0%	159+00.00	-2.0%	-4.0%
-3.7%	-2.5%	159+50.00	0.0%	-7.0%
Match			Match	

PROPOSED DRIVEWAYS

#	Station	Offset	Description	
1	77+64.53	Lt	Field	Gravel
2	82+21.52	Rt	Residential	Gravel
3	82+29.78	Lt	Field	Grass
4	85+15.79	Rt	Residnetial	Gravel
5	85+81.89	Lt	Residential	Paved
6	88+56.22	Lt	Residential	Paved
7	90+67.37	Lt	Residential	Paved
8	90+70.31	Rt	Residential	Paved
9	92+21.41	Rt	Residential	Paved
10	93+64.28	Lt	Residential	Paved
11	95+69.45	Lt	Residential	Paved
12	96+45.43	Lt	Residential	Paved
13	97+89.70	Lt	Residential	Paved
14	103+20.69	Lt	Field	Grass
15	103+65.66	Rt	Sideroad	Paved
16	104+01.78	Lt	Residential	Paved
17	105+81.11	Lt	Residential	Gravel
18	114+94.02	Rt	Field/ Camp	Grass
19	114+94.34	Lt	Field	Grass
20	118+79.95	Lt	Residential	Paved
21	119+61.01	Rt	Residential	Paved
22	121+99.02	Lt	Residential	Paved
23	123+33.28	Rt	Residential	Gravel
24	123+91.58	Lt	Residential	Paved
25	125+10.10	Lt	Residential	Paved
26	125+12.99	Rt	Residential	Paved
27	126+31.45	Lt	Residential	Paved
28	126+89.91	Rt	Commercial	Paved
29	127+46.71	Lt	Residential	Paved
30	128+27.96	Lt	Field	Grass
31	129+50.49	Rt	Private Road	Gravel
32	130+76.75	Lt	Residential	Paved
33	132+02.34	Rt	Private Road	Paved
34	133+35.03	Rt	Residential	Paved
35	133+77.06	Lt	Commercial	Paved
36	136+00.14	Lt	Commercial	Gravel
37	136+30.89	Rt	Private Road	Paved
38	137+21.05	Lt	Field	Grass
39	138+69.60	Lt	Residential	Paved
40	140+19.56	Rt	Residnetial	Gravel
41	141+08.62	Lt	Residential	Paved
42	142+56.43	Rt	Private Road	Paved
43	143+23.83	Rt	Residential	Paved
44	143+30.92	Lt	Residential	Gravel
45	143+99.97	Lt	Residential	Paved
46	146+49.50	Lt	Residential	Paved
47	146+85.71	Rt	Residential	Paved
48	148+12.13	Rt	Residential	Paved
49	148+22.81	Lt	Residential	Paved
50	148+63.27	Lt	Residential	Paved
51	149+36.80	Rt	Residential	Gravel
52	149+69.56	Lt	Residential	Paved
53	150+70.87	Rt	Residential	Paved
54	150+73.82	Lt	Residential	Paved
55	153+56.75	Rt	Residential	Gravel
56	154+58.56	Rt	Residential	Paved
57	155+89.87	Lt	Field	Grass

CELLAR DRAIN CONNECTIONS

Known Cellar Drain Connections	
Station	Offset
125+45.11	Lt
132+75.70	Lt
135+62.69	Lt
136+13.57	Lt
137+89.62	Lt
138+15.32	Lt
Note: Other locations may be found during construction and should be treated as per Standard Detail 802(18), Cellar Drain Connection	

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN
18283.00
HIGHWAY PLANS

DATE

BY

E. MARTIN

DESIGN-DETAILED

CHECKED-REVIEWED

DESIGN-DETAILED

DESIGN-DETAILED

REVISIONS 1

REVISIONS 2

REVISIONS 3

REVISIONS 4

FIELD CHANGES

DATE

BY

J. HARDEN

N. COLLINS

T. WHITE

C. RUSSELL

SIGNATURE

P.E. NUMBER

DATE

CAMDEN
ROUTE 1

SUPERELEVATION CHART

SHEET NUMBER

8

OF 163

Item No. 201.110 Clearing		
Start Station	End Station	Offset
78+31.45	81+62.76	Rt
79+64.58	82+19.98	Lt
82+39.26	85+80.44	Lt
82+40.27	85+01.81	Rt
85+22.62	85+50.72	Rt
86+01.77	88+52.08	Lt
90+95.29	93+61.22	Lt
93+79.36	95+67.32	Lt
95+83.60	96+37.78	Lt
98+09.85	100+57.08	Lt
97+87.28	103+13.19	Rt
103+89.46	114+83.70	Rt
109+74.47	114+87.82	Lt
115+01.76	116+61.32	Rt
115+08.95	117+08.58	Lt
117+86.95	119+61.71	Rt
118+91.18	121+97.67	Lt
122+12.23	123+77.75	Lt
119+75.21	123+18.64	Rt
123+43.38	123+64.85	Rt
127+54.54	128+33.96	Lt
128+52.11	129+23.77	Rt
128+44.71	130+61.91	Lt
129+61.13	131+86.09	Rt
134+55.20	136+18.40	Rt
136+49.78	137+00.24	Lt
136+51.55	139+95.08	Rt
139+03.35	140+66.11	Lt
140+27.35	142+41.70	Rt
142+44.36	142+93.71	Lt
142+66.16	142+97.62	Rt
145+26.08	145+44.99	Lt
145+26.32	146+52.65	Rt
146+94.24	148+12.22	Lt
146+98.17	147+08.43	Rt
150+15.50	150+54.09	Rt
149+80.49	150+21.66	Lt
150+15.50	150+54.09	Rt
150+49.78	150+65.19	Lt
150+82.69	153+35.85	Rt
150+82.40	155+72.84	Lt
153+65.80	154+41.95	Rt
154+59.72	159+49.63	Rt
157+35.48	158+05.10	Lt

Item No. 201.230 Remove Single Tree, Top Only				
Station	Offset	Description	Quant.	
77+32.79	36.14	Lt	16",ASH,TWIN,	1
94+97.18	26.34	Rt	24" PINE	1
95+37.45	29.63	Rt	16" Spruce	1
95+60.56	29.50	Rt	16",SPRUCE,,	1
95+66.22	29.17	Rt	14",SPRUCE,,	1
95+74.24	28.92	Rt	14",SPRUCE,,	1
95+90.80	35.38	Rt	12",SPRUCE,,	1
96+30.89	33.49	Rt	20",SPRUCE,TWIN,	1
96+34.51	43.81	Rt	20" SPRUCE	1
96+38.53	38.12	Rt	14",SPRUCE,,	1
96+57.60	43.35	Rt	16" PINE	1
96+91.88	27.29	Rt	24",PINE,,	1
96+98.40	27.08	Rt	16",PINE,,	1
97+28.93	29.38	Rt	16",PINE,,	1
97+74.17	27.64	Rt	20",PINE,,	1
97+83.50	27.11	Rt	24",PINE,TWIN,	1
103+20.65	32.86	Rt	14",ASH,CLUMP,	1
124+01.74	33.42	Lt	12",CEDAR,CLUMP,	1
124+10.43	28.14	Lt	12",CEDAR,CLUMP,	1
124+16.90	24.81	Lt	12",CEDAR,CLUMP,	1
124+29.72	26.72	Lt	12",CEDAR,CLUMP,	1
124+55.62	27.74	Rt	12",SPRUCE,,	1
124+55.78	26.73	Lt	12",CEDAR,CLUMP,	1
124+60.09	29.05	Lt	12",CEDAR,CLUMP,	1
124+63.92	28.48	Lt	12",CEDAR,CLUMP,	1
124+67.03	27.04	Rt	16",SPRUCE,,	1
124+75.30	28.95	Lt	CEDAR,CLUMP,	1
124+76.95	26.79	Rt	20",SPRUCE,,	1
124+84.46	27.12	Rt	12",SPRUCE,,	1
124+90.72	28.24	Lt	12",CEDAR,CLUMP,	1
124+94.57	31.89	Rt	12",SPRUCE,,	1
125+33.45	28.53	Rt	14",CEDAR,TWIN,	1
126+22.90	24.05	Rt	24",ASH,,	1
126+60.99	30.76	Lt	12",SPRUCE,,	1
126+66.47	31.28	Lt	12",SPRUCE,,	1
126+79.73	28.64	Lt	12",SPRUCE,,	1
126+86.19	28.62	Lt	12",SPRUCE,,	1
126+86.56	27.93	Lt	12",SPRUCE,,	1
126+93.78	29.30	Lt	12",SPRUCE,,	1
126+94.47	28.94	Lt	12",SPRUCE,,	1
127+27.14	47.92	Lt	18",ASH,,	1
127+28.23	50.92	Lt	18",ASH,,	1
127+32.87	51.06	Lt	18",ASH,,	1
127+33.63	47.64	Lt	26",ASH,,	1
128+42.18	38.12	Lt	18",MAPLE,TWIN,	1
133+97.19	25.95	Rt	26",ASH,,	1
134+13.93	31.66	Rt	14",MAPLE,,	1
134+37.64	28.10	Rt	42",OAK,,	1
140+41.01	37.25	Rt	18" Oak	1
149+22.88	24.17	Lt	12",OAK,,	1
149+42.58	23.67	Lt	12",OAK,,	1
149+55.32	24.17	Lt	12",OAK,,	1

Item No. 201.240 Remove Stump				
Station	Offset	Description	Quant.	
77+32.79	36.14	Lt	16",ASH,TWIN,	1
94+97.18	26.34	Rt	24" PINE	1
95+37.45	29.63	Rt	16" Spruce	1
95+39.03	26.47	Rt	STUMP	1
95+42.54	29.73	Rt	STUMP	1
95+47.62	29.80	Rt	STUMP	1
95+53.57	26.77	Rt	STUMP	1
95+55.96	30.06	Rt	STUMP	1
95+60.56	29.50	Rt	16",SPRUCE,,	1
95+66.22	29.17	Rt	14",SPRUCE,,	1
95+68.43	29.71	Rt	STUMP	1
95+70.82	26.87	Rt	STUMP	1
95+71.38	29.68	Rt	STUMP	1
95+72.48	26.88	Rt	STUMP	1
95+74.24	28.92	Rt	14",SPRUCE,,	1
95+80.19	29.51	Rt	STUMP	1
95+84.70	28.38	Rt	STUMP	1
95+90.80	35.38	Rt	12",SPRUCE,,	1
96+30.89	33.49	Rt	20",SPRUCE,TWIN,	1
96+34.51	43.81	Rt	20" SPRUCE	1
96+38.53	38.12	Rt	14",SPRUCE,,	1
96+57.60	43.35	Rt	16" PINE	1
96+91.88	27.29	Rt	24",PINE,,	1
96+98.40	27.08	Rt	16",PINE,,	1
97+23.78	29.51	Rt	STUMP	1
97+28.93	29.38	Rt	16",PINE,,	1
97+74.17	27.64	Rt	20",PINE,,	1
97+83.50	27.11	Rt	24",PINE,TWIN,	1
103+20.65	32.86	Rt	14",ASH,CLUMP,	1
124+01.74	33.42	Lt	12",CEDAR,CLUMP,	1
124+10.43	28.14	Lt	12",CEDAR,CLUMP,	1
124+16.90	24.81	Lt	12",CEDAR,CLUMP,	1
124+29.72	26.72	Lt	12",CEDAR,CLUMP,	1
124+55.62	27.74	Rt	12",SPRUCE,,	1
124+55.78	26.73	Lt	12",CEDAR,CLUMP,	1
124+60.09	29.05	Lt	12",CEDAR,CLUMP,	1
124+63.92	28.48	Lt	12",CEDAR,CLUMP,	1
124+67.03	27.04	Rt	16",SPRUCE,,	1
124+75.30	28.95	Lt	CEDAR,CLUMP,	1
124+76.95	26.79	Rt	20",SPRUCE,,	1
124+84.46	27.12	Rt	12",SPRUCE,,	1
124+90.72	28.24	Lt	12",CEDAR,CLUMP,	1
125+33.45	28.53	Rt	14",CEDAR,TWIN,	1
126+22.90	24.05	Rt	24",ASH,,	1
126+60.99	30.76	Lt	12",SPRUCE,,	1
126+66.47	31.28	Lt	12",SPRUCE,,	1
126+79.73	28.64	Lt	12",SPRUCE,,	1
126+86.19	28.62	Lt	12",SPRUCE,,	1
126+86.56	27.93	Lt	12",SPRUCE,,	1
126+93.78	29.30	Lt	12",SPRUCE,,	1
126+94.47	28.94	Lt	12",SPRUCE,,	1
127+27.14	47.92	Lt	18",ASH,,	1
127+28.23	50.92	Lt	18",ASH,,	1
127+32.87	51.06	Lt	18",ASH,,	1
127+33.63	47.64	Lt	26",ASH,,	1
128+42.18	38.12	Lt	18",MAPLE,TWIN,	1
133+97.19	25.95	Rt	26",ASH,,	1
134+13.93	31.66	Rt	14",MAPLE,,	1
134+37.64	28.10	Rt	42",OAK,,	1
140+41.01	37.25	Rt	18" Oak	1
144+25.70	32.61	Lt	STUMP	1
149+22.88	24.17	Lt	12",OAK,,	1
149+42.58	23.67	Lt	12",OAK,,	1
149+55.32	24.17	Lt	12",OAK,,	1

Non-Pay Trees				
Station	Offset	Description	Quant.	
124+32.36	26.69	Rt	10",ASH,,	1
125+40.14	25.76	Rt	8",CEDAR,TWIN,	1
126+25.26	28.88	Rt	10",ASH,,	1
127+20.08	37.53	Lt	8",SPRUCE,,	1
127+25.69	38.87	Lt	10",SPRUCE,,	1
138+03.45	29.89	Lt	10",HACHMATAK,,	1
140+79.71	40.76	Lt	8",CEDAR,,	1
140+94.75	42.76	Lt	8",CEDAR,,	1
141+24.24	35.07	Lt	8",CEDAR,,	1
144+40.76	33.78	Lt	4",APPLE,,CRAB	1
144+66.27	34.08	Lt	8",,,PEACH	1

Item No. 603.55 Concrete Pipe Ties		
Station	Pipe Diameter	# of Ties (group)
79+78.62	42	4
87+66.22	60	4
95+44.41	30	4
105+23.30	36	4
129+94.83	24	4
134+09.62	24	4
169+97.45	24	4
139+99.29	30	4
146+12.25	30	4
155+38.85	48	4

Item No. 606.1301 31" W Beam GR, Mid-Way Splice, Single Faced				
Start Station	End Station	Offset	Length (ft)	# of Beams
86+18.00	88+29.00	Lt	212.500	17.000
85+71.00	88+54.00	Rt	281.250	22.500
104+32.50	114+60.38	Rt	1,034.375	82.750
108+43.50	114+66.50	Lt	621.875	49.750
153+60.00	154+88.00	Lt	125.000	10.000
154+88.00	155+63.50	Lt	75.000	6.000
154+81.00	157+03.35	Rt	221.875	17.750
156+24.00	158+71.25	Lt	246.875	19.750

Item No. 606.1303 31" W Beam GR, Mid-Way Splice, 15' Radius or Less			
Start Station	Offset	Length (ft)	# of Beams
86+18.00	Lt	25.00	2.00
88+29.00	Lt	25.00	2.00
114+60.50	Lt	25.00	2.00
114+66.50	Rt	25.00	2.00
154+81.00	Rt	25.00	2.00
155+63.50	Lt	25.00	2.00
156+24.00	Lt	25.00	2.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN
18283.00
HIGHWAY PLANS

DATE

BY

E.MARTIN

N.COLLINS

J.HARDEN

T.WHITE

FEB 2020

SIGNATURE

P.E. NUMBER

DATE

CAMDEN
ROUTE 1
CONSTRUCTION NOTES

SHEET NUMBER
9
OF 163

Item No. 606.1305 31" W Beam GR, Mid-Way Splice, Flared Terminal		
Station	Offset	Quant.
104+32.50	Rt	1.00
108+43.50	Lt	1.00
157+03.35	Rt	1.00
158+71.25	Lt	1.00

Item No. 606.1306 31" W Beam GR, Mid-Way Splice, Tangent Terminal		
Station	Offset	Quant.
85+71.00	Rt	1.00
88+54.00	Rt	1.00

Item No. 606.265 Terminal End, Single Rail Galv Steel		
Station	Offset	Quant.
86+18.00	Lt	1
88+29.00	Lt	1
114+60.50	Lt	1
114+66.50	Rt	1
154+81.00	Rt	1
155+63.50	Lt	1
156+24.00	Lt	1

Item No. 606.800 Buried In-Slope Guardrail End		
Start Station	Offset	Quantity
153+60.00	Lt	1.00

Item No. 606.353 ReflectORIZED Flexible Guardrail Marker		
Aprox. Station of End Treatment	Offset	Quantity
85+71.00	Rt	2
86+18.00	Lt	2
88+29.00	Lt	2
88+54.00	Rt	2
104+32.50	Rt	2
108+43.50	Lt	2
114+60.50	Lt	2
114+66.50	Rt	2
153+60.00	Lt	2
154+81.00	Rt	2
155+63.50	Lt	2
156+24.00	Lt	2
157+03.35	Rt	2
158+71.25	Lt	2

Item No. 606.356 Underdrain Delineator Post 6" UD Outlets			
Station	Offset		Quantity
81+80.00	29.0	Rt	1
97+72.00	14.5	Lt	1
142+40.00	30.5	Rt	1
154+45.00	14.5	Rt	1

Bitumnious Curb Runs		
Station	Offset	Quantity
88+73.00	Lt	1
90+56.00	Lt	1
95+83.00	Lt	1
97+78.00	Lt	1
132+66.00	Lt	1
136+50.00	Lt	1
148+35.00	Lt	1
149+58.00	Rt	1
153+45.00	Lt	1
154+46.00	Rt	1

Item No. 609.31 Bitumniuos Curb Type 3, Mold 3			
Start Station	End Station	Offset	Length (ft)
88+73.00	90+56.00	Lt	183.00
95+83.00	96+34.00	Lt	51.00
96+60.00	97+78.00	Lt	118.00
132+66.00	133+68.00	Lt	102.00
133+95.00	135+81.00	Lt	186.00
136+10.00	136+50.00	Lt	40.00
148+35.00	148+52.00	Lt	17.00
148+78.00	149+56.00	Lt	78.00
149+58.00	150+58.00	Rt	100.00
149+82.00	150+60.00	Lt	78.00
150+84.00	153+44.00	Rt	260.00
150+86.00	153+45.00	Lt	259.00
153+70.00	154+46.00	Rt	76.00

Item No. 610.08 Plain Riprap Crosspipes		
Station	Offset	Description
79+79.51	Lt & Rt	Inlet & Outlet
87+56.00	Lt & Rt	Inlet & Outlet
95+48.00	Lt & Rt	Inlet & Outlet
103+65.00	Lt & Rt	Inlet & Outlet
105+25.00	Lt & Rt	Inlet & Outlet
129+90.00	Lt & Rt	Inlet & Outlet
134+08.58	Lt & Rt	Inlet & Outlet
137+01.28	Lt & Rt	Inlet & Outlet
139+98.60	Lt & Rt	Inlet & Outlet
146+12.25	Lt & Rt	Inlet & Outlet
155+43.00	Lt & Rt	Inlet & Outlet

CONSTRUCTION NOTES

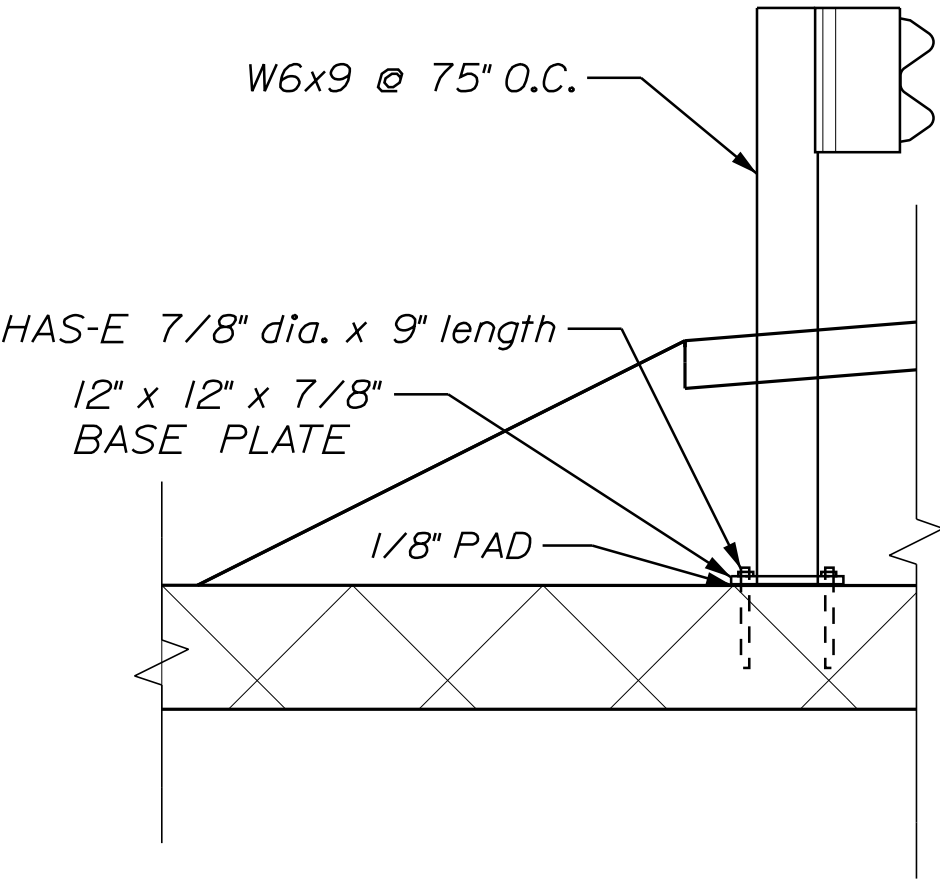
Item No. 610.08 Plain Riprap Other Locations		
Station	Offset	Description
80+00 to 82+20	Lt	ditch
83+45 to 84+00	Lt	ditch
88+00.00	Lt	culvert outlet
90+50.00	Lt	culvert inlet
93+20 to 93+44	Lt	culvert inlet & ditch
106+34 to 106+85	Rt	culvert outlet
132+50.00	Lt	down spout
142+40.00	Rt	underdrain outlet
146+75 to 147+00	Lt	culvert inlet & outlet
150+58.00	Lt	culvert inlet
153+50 to 153+65	Lt	down spout

Item No. 610.16 Heavy Riprap		
Start Station	End Station	Offset
2+40.00	3+00.00	Lt & Rt
Stations refer to Supplemental Alignment Cross Sections (sheets 138-143) for the outlet of Crosspipe at Mainline Station 87+50, Rt		

Item No. 610.18 Stone Ditch Protection			
Start Station	End Station	Offset	Length (ft)
97+00.00	103+00.00	Rt	600.00
100+75.00	103+00.00	Lt	225.00
103+40.00	103+87.00	Lt	47.00
104+20.00	104+95.00	Lt	75.00
104+16.00	105+42.00	Rt	126.00

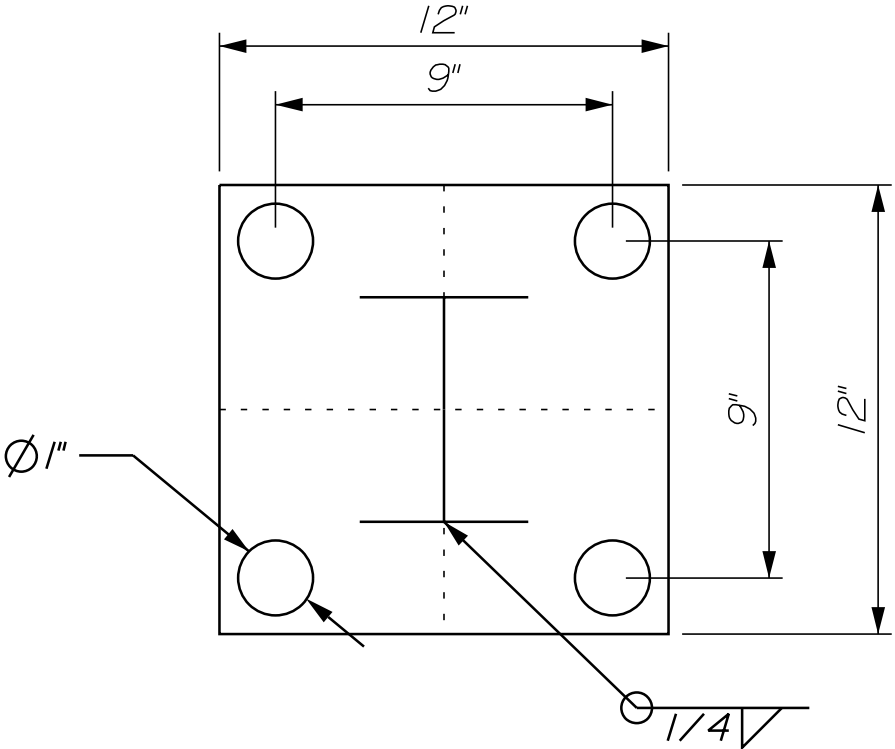
Item No. 613.319 Temporary Erosion Control Blanket					
Start Station	End Station	Offset	Length (ft)	Width (ft)	Area (yd ²)
77+00.00	85+55.00	Lt	855.00	4.00	380.00
85+50.00	87+50.00	Rt	200.00	4.00	88.89
86+18.00	87+00.00	Lt	82.00	4.00	36.44
88+54.00	90+22.00	Rt	168.00	4.00	74.67
90+95.00	95+28.00	Lt	433.00	4.00	192.44
106+25.00	107+60.00	Lt	135.00	4.00	60.00
115+25.00	119+35.00	Rt	410.00	4.00	182.22
115+25.00	132+50.00	Lt	1,725.00	4.00	766.67
136+50.00	146+00.00	Lt	950.00	4.00	422.22
136+60.00	142+40.00	Rt	580.00	4.00	257.78
153+50.00	154+45.00	Lt	95.00	4.00	42.22

Item No. 613.40 Turf Reinforcement Mat			
Start Station	End Station	Offset	Length (ft)
98+15.00	100+76.00	Rt	261.00



TOP-MOUNTED GUARDRAIL SYSTEM

NOT TO SCALE



BASE PLATE

NOT TO SCALE

BOLTED GUARDRAIL NOTES

1. ALL WORK AND MATERIALS SHALL CONFORM TO THE PROVISIONS OF SECTION 606 GUARDRAIL OF THE STANDARD SPECIFICATIONS, AS APPLICABLE.

2. BOLTED POSTS AND MATERIALS SHALL BE INSTALLED PRIOR TO BACKFILLING THE CONCRETE BOX CULVERT.

3. PAVEMENT AROUND THE TOP MOUNTED POSTS SHALL BE COMPACTED WITH A PLATE COMPACTOR PRIOR TO INSTALLING THE W-BEAM RAIL.

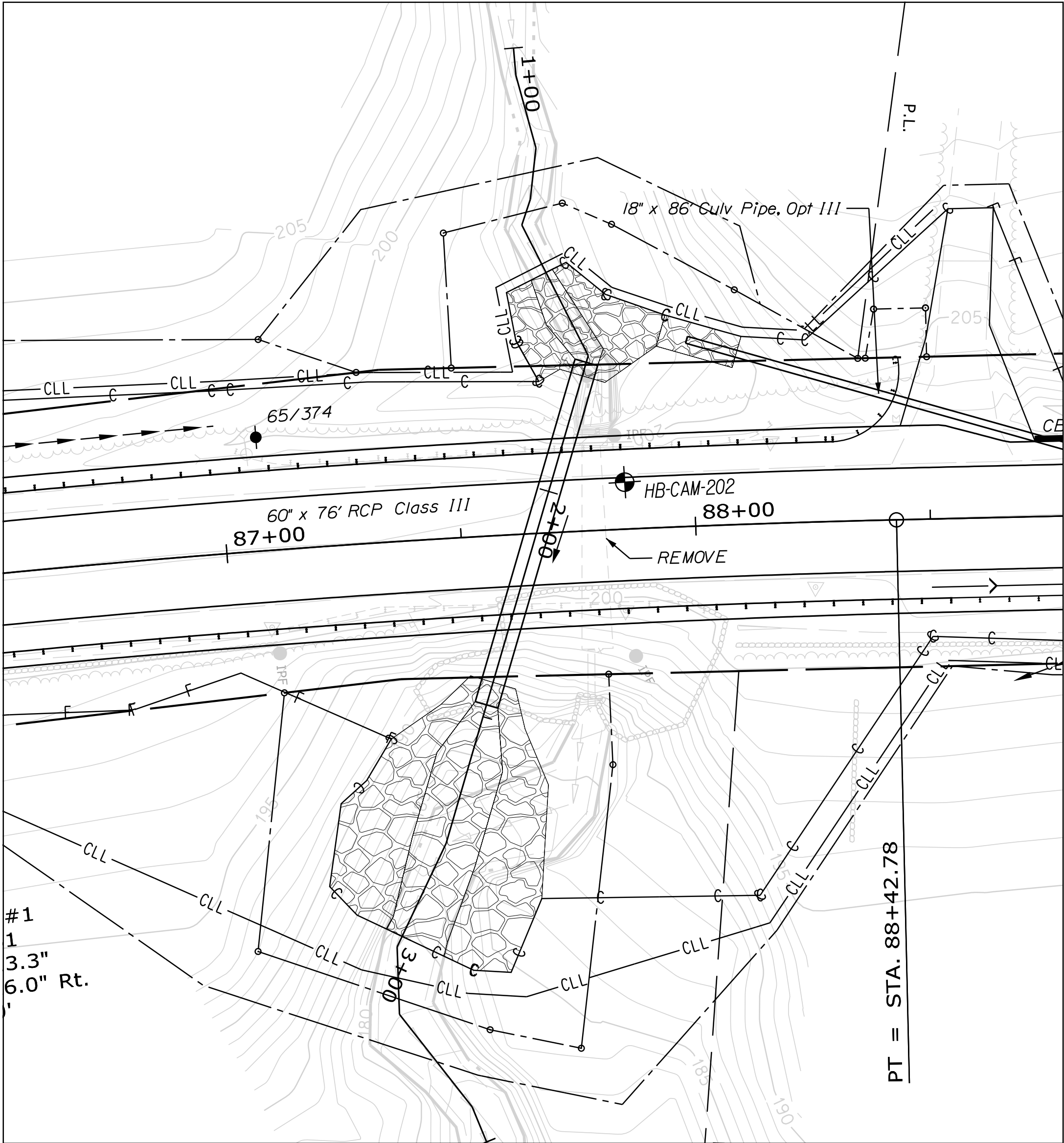
4. POSTS SHALL BE SHOP WELDED TO THE BASE PLATES AND MOUNTED TO THE CULVERT SLAB WITH FOUR HILTI HAS-E 7/8" DIAMETER ANCHORS WITH WASHER AND NUT, INSTALLED WITH HILTI RE500 EPOXY OR APPROVED EQUAL ACCORDING TO LABEL DIRECTIONS WITH MINIMUM 6" EMBEDMENT.

5. POSTS MAY BE CUT TO LENGTH AND DRILLED IN THE FIELD.

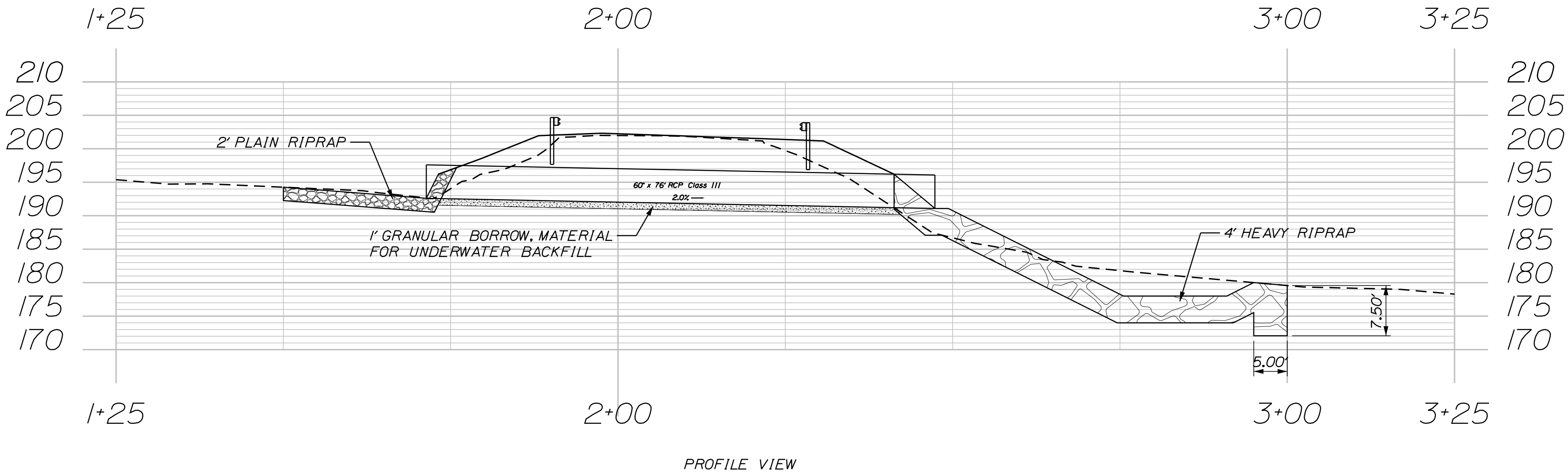
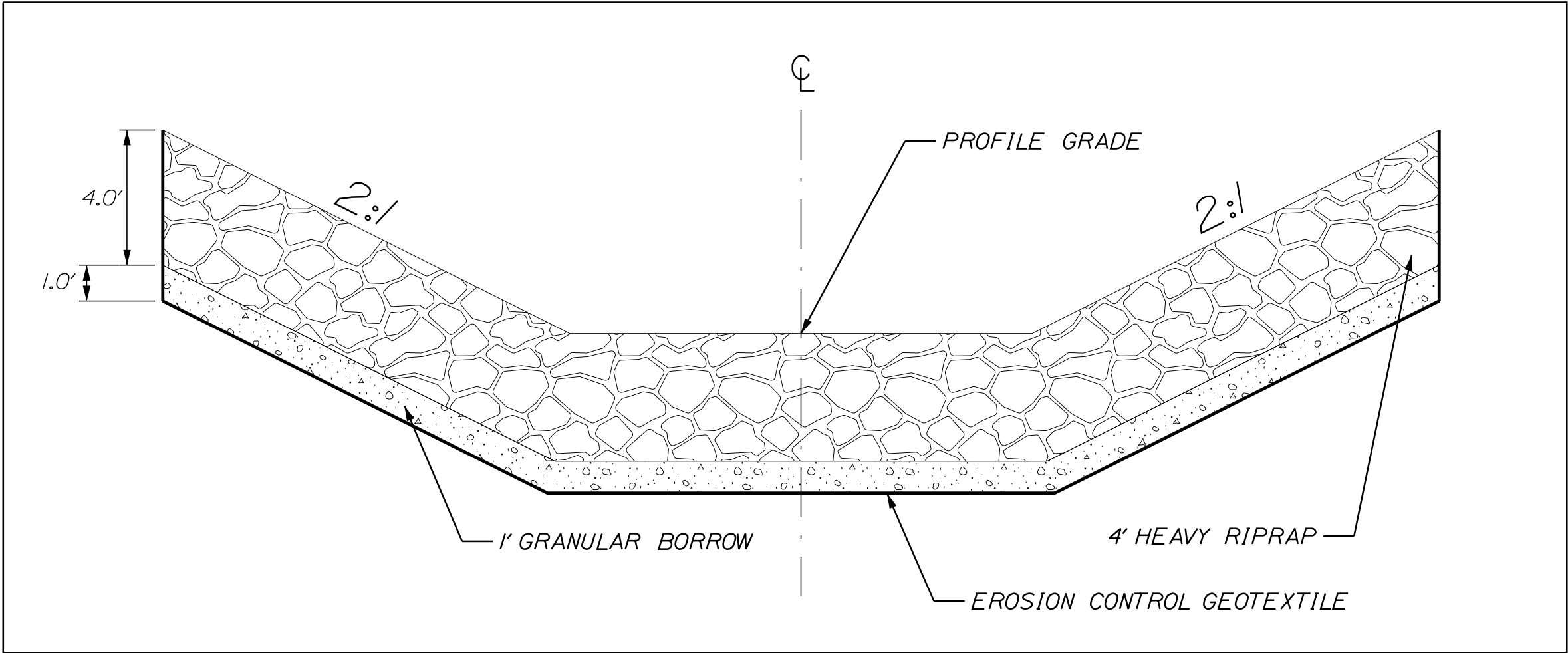
6. ANCHOR BOLTS SHALL BE SET WITH A TEMPLATE, NUTS SECURING THE POST BASE SHALL BE TIGHTENED TO A SNUG FIT AND GIVEN AN ADDITIONAL 1/6 TURN.

7. ALL WORK AND MATERIALS ASSOCIATED WITH THE TOP MOUNTED GUARDRAIL POSTS SHALL BE CONSIDERED INCIDENTAL TO THE 606 PAY ITEMS.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	NH-1828(300)		WIN 18283.00		HIGHWAY PLANS	
	SIGNATURE		P.E. NUMBER		DATE	
	FEB 2020		T. WHITE		FEB 2020	
CAMDEN ROUTE 1		PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE
		DESIGN-DETAILED	N. COLLINS	CHECKED-REVIEWED	C. RUSSELL	DATE
		DESIGN-DETAILED	C. RUSSELL	DESIGN-DETAILED	T. WHITE	DATE
		REVISIONS 1		REVISIONS 2		DATE
		REVISIONS 3		REVISIONS 4		DATE
CONSTRUCTION NOTES		FIELD CHANGES				
SHEET NUMBER		10				
		OF 163				



Alignment Layout Information					
Point	Station	Northing	Easting	Tangential Direction	Tangential Length
POB	1+00.00	267806.30	1661211.93	S 66°37'00" E	5.80
PI	1+05.80	267804.00	1661217.26	S 76°59'16" E	16.08
PI	1+21.88	267800.38	1661232.92	S 55°22'32" E	11.00
PI	1+32.88	267794.13	1661241.98	S 43°14'32" E	5.76
PI	1+38.65	267789.93	1661245.93	S 88°33'20" E	31.22
PI	1+69.87	267789.14	1661277.14	S 45°20'23" E	108.18
PI	2+78.06	267713.10	1661354.09	S 36°17'05" E	24.43
PI	3+02.49	267693.40	1661368.55	S 63°32'42" E	14.37
PI	3+16.87	267687.00	1661381.42	N 80°15'11" E	25.04
PI	3+41.91	267691.24	1661406.1	S 84°03'45" E	8.10
POE	3+50.00	267690.40	1661414.16		



NOTES:
1. SEE CROSS SECTION SHEETS 139-144 FOR DETAILED CONSTRUCTION
2. SITE CONDITIONS MAY NOT MATCH CROSS SECTIONS, DUE TO CONTINUED EROSION. CHANGES TO PROPOSED DESIGN SHOULD BE PASSED THRU THE PROJECT MANAGER FOR APPROVAL, AS DIRECTED BY THE RESIDENT
3. ALEX MANN SHALL BE CONTACTED NO LESS THAN 2 WEEKS BEFORE OUTLET CONSTRUCTION WORK IS TO BEGIN; PHONE NUMBER 207-215-6328

NOT TO SCALE

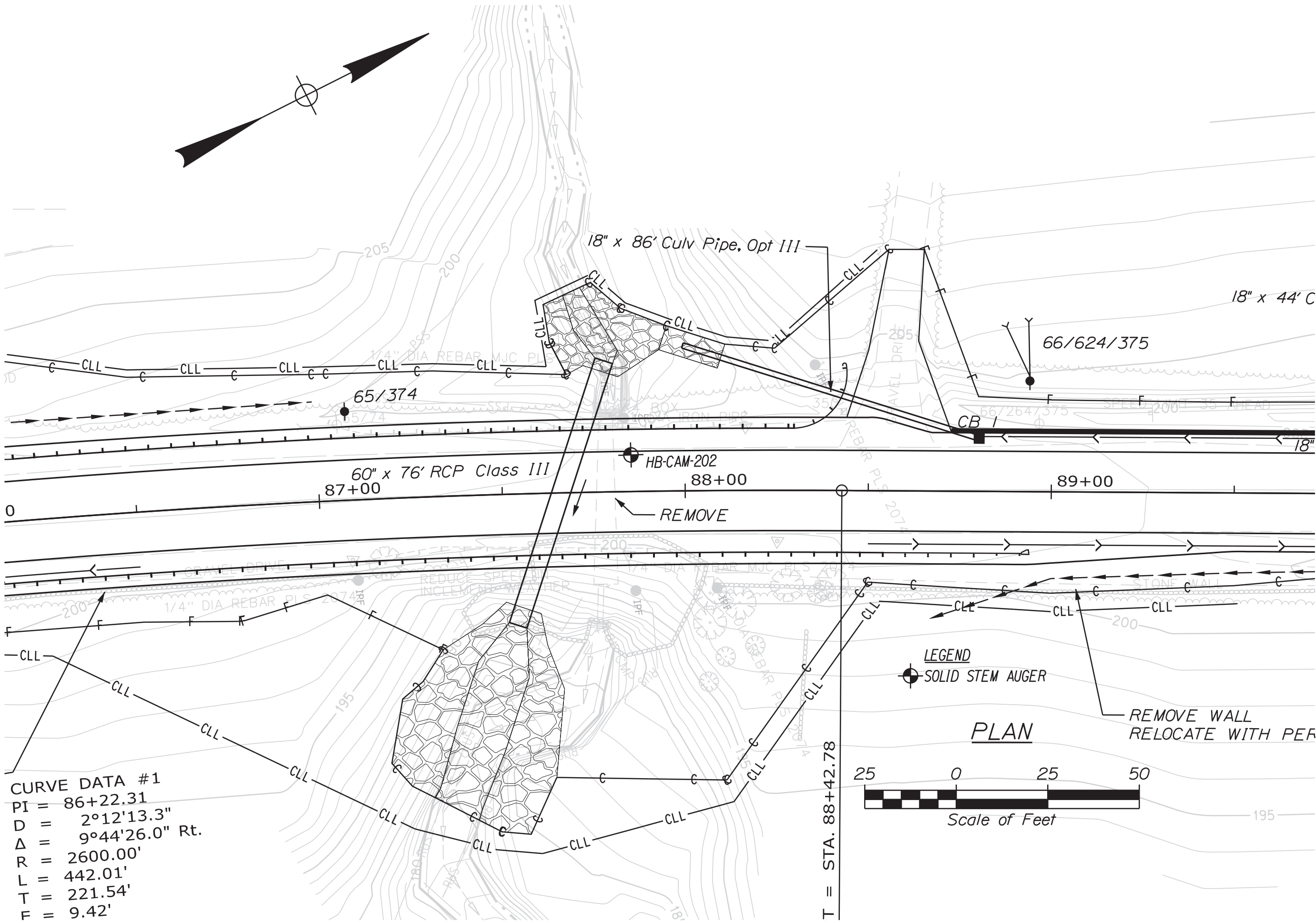
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	NH-1828(300)		WIN 18283.00	HIGHWAY PLANS
CAMDEN ROUTE 1 SPECIAL DETAIL SHEET	PROJ. MANAGER	E. MARTIN	BY	DATE
	CHECKED-REVIEWED	N. COLLINS	J. HARDEN	
	DESIGN-DETAILED	C. RUSSELL	T. WHITE	FEB 2020
	REVISIONS 1			
SHEET NUMBER 11 OF 163	REVISIONS 2			
	REVISIONS 3			
	REVISIONS 4			
	FIELD CHANGES			



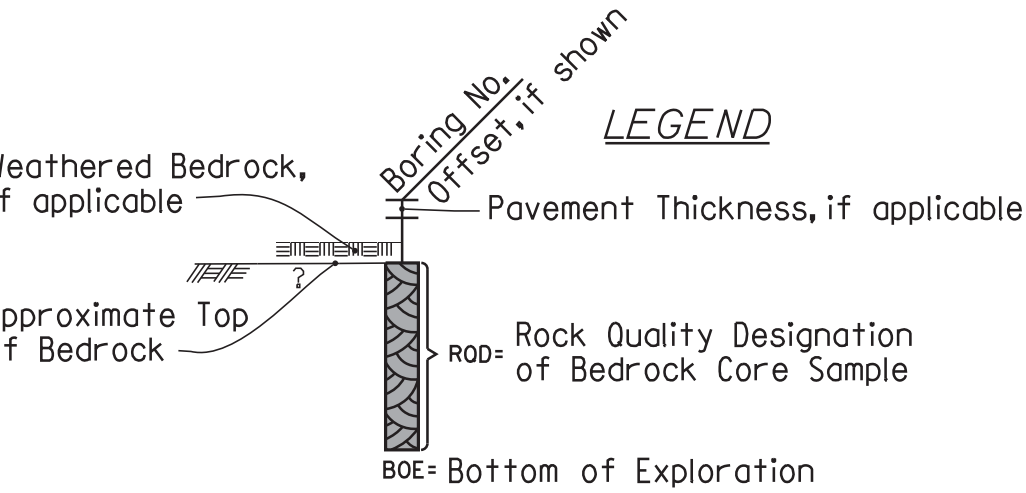
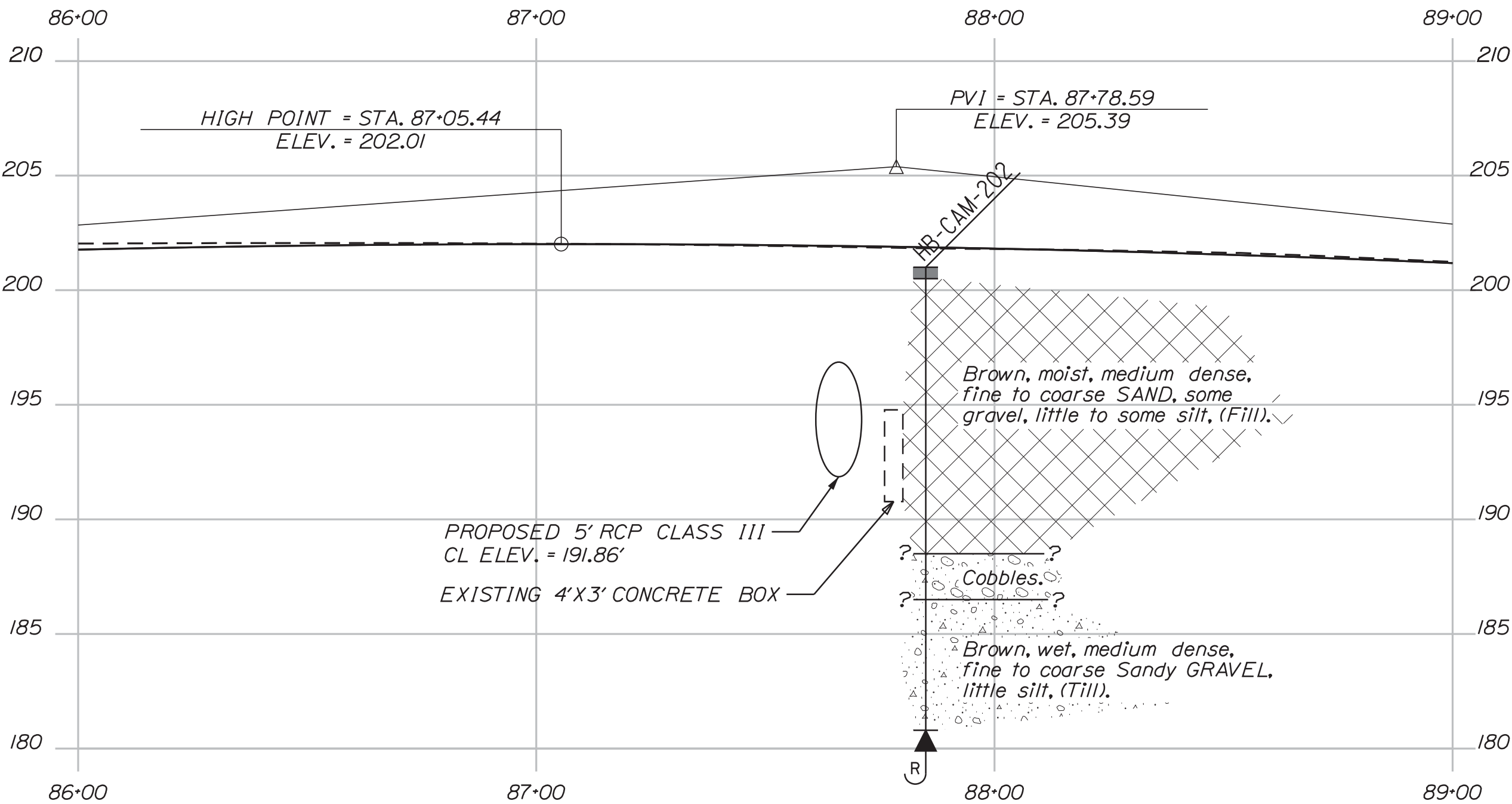
Diagram illustrating a cross-section of a V-shaped riprap channel. The channel is defined by a flat bottom and two sloped sides. The bottom is labeled "2' PLAIN RIPRAP". The sloped sides are labeled "2:1". A dashed vertical line through the center is labeled "C". A line pointing to the top surface of the riprap is labeled "PROFILE GRADE".

TYPICAL SECTION FOR OUTLET TREATMENT

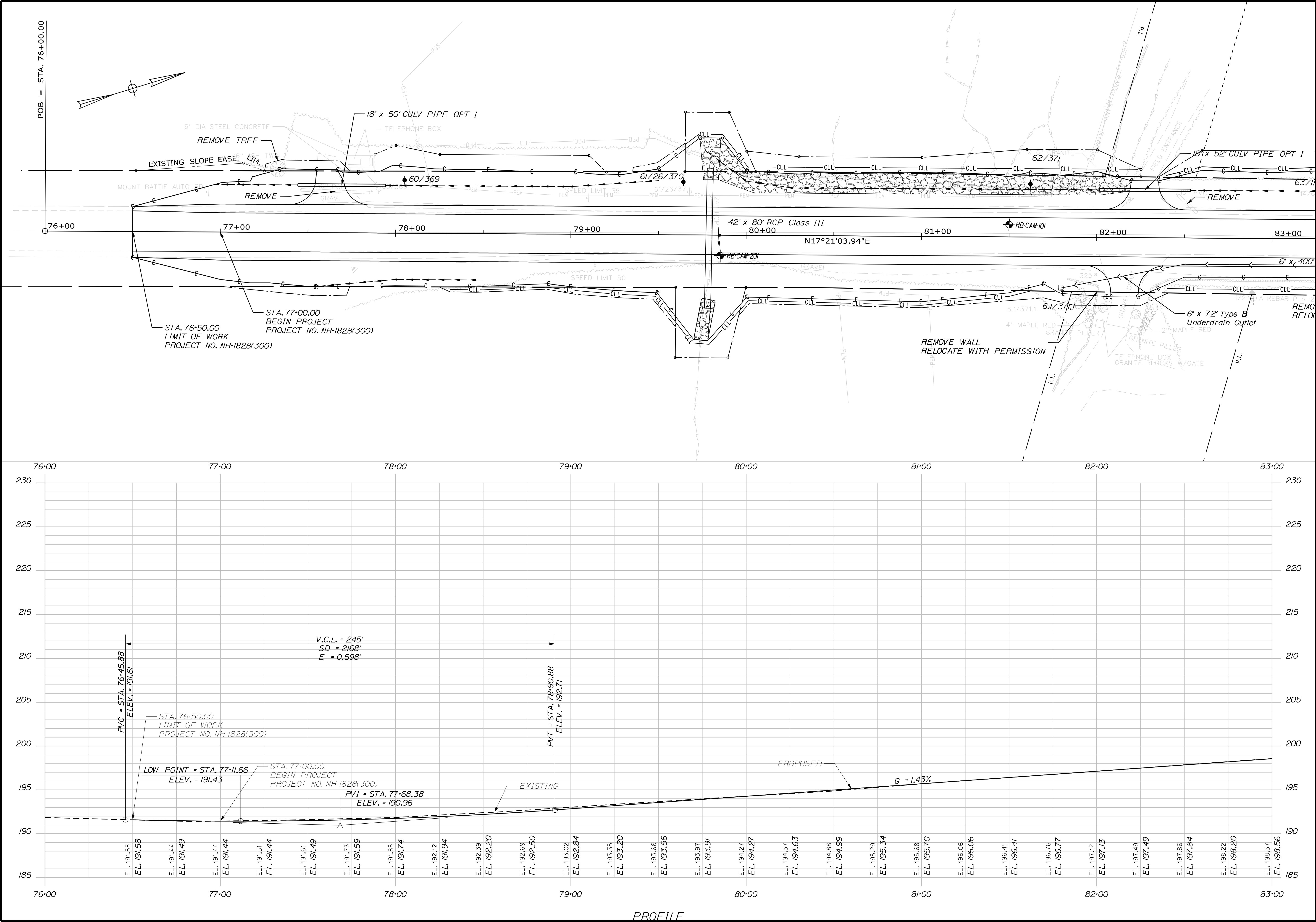
NOTES:
1. SEE CROSS SECTION SHEETS 145-149 FOR DETAILED CONSTRUCTION
2. SITE CONDITIONS MAY NOT MATCH CROSS SECTIONS, DUE TO CONTINUED EROSION.
CHANGES TO PROPOSED DESIGN SHOULD BE PASSED THRU THE PROJECT MANAGER
FOR APPROVAL, AS DIRECTED BY THE RESIDENT
3. ALEX MANN SHALL BE CONTACTED NO LESS THAN 2 WEEKS BEFORE
OUTLET CONSTRUCTION WORK IS TO BEGIN; PHONE NUMBER 207-215-6328



Maine Department of Transportation		Project: Reconstruction of a 1.54 mile portion of Route 1		Boring No.: HB-CAM-202							
Soil/Rock Exploration Log US CUSTOMARY UNITS		Location: Camden, Maine		W/N: 18283.00							
Driller: MaineDOT		Elevation (ft.): 201.0		Auger ID/OD: 5" Dia.							
Operator: Giles/Daggett/Giles		Datum: NAVD88		Sampler: Standard Split Spoon							
Logged By: B. Wilder		Rig Type: CME 45C		Hammer Wt./Fall: 140#/30"							
Date Start/Finish: 6/22/2015: 8:00-9:30		Drilling Method: Solid Stem Auger		Core Barrel: N/A							
Boring Location: 87+85, 10.0 ft Lt.		Casing ID/OD: N/A		Water Level*: None Observed							
Hammer Efficiency Factor: 0.908		Hammer Type: Automatic <input checked="" type="checkbox"/> Hydraulic <input type="checkbox"/> Rope & Cathead <input type="checkbox"/>									
Definitions: D = Split Spoon Sample MS = Unsuccessful Split Spoon Sample Attempt U = Thin Wall Tube Sample MU = Unsuccessful Thin Wall Tube Sample Attempt V = Field Vane Shear Test MV = Unsuccessful Field Vane Shear Test Attempt		R = Rock Core Sample SSA = Solid Stem Auger HSA = Hollow Stem Auger RC = Roller Cone WD = Weight of 140lb. Hammer BD/C = Depth of Rod or Casing WTP = Weight of One Person		S _u = Peak/Remolded Field Vane Undrained Shear Strength (psf) S _{u(corr)} = Lab Vane Undrained Shear Strength (psf) q _p = Uncorrected Compressive Strength (ksf) N _{uncorr} = Raw Field SPT N-value Hammer Efficiency Factor = Rig Specific Annual Calibration Value N _g = SPT N-uncorrected Corrected for Hammer Efficiency N _{g(corr)} = Hammer Efficiency Factor/60%N _{uncorr} P _u = Pocket Torvane Shear Strength (psf) WC = Water Content, percent LL = Liquid Limit PL = Plastic Limit PI = Plasticity Index G = Grain Size Analysis C = Consolidation Test							
Sample Information				Laboratory Testing Results/AASHTO and Unified Class							
Depth (ft.)	Sample No.	Pen./Rec. (in)	Sample Depth (ft.)	Blows 1/6 In. Shear Strength or RQD (%)	N-uncorrected	N _g	Casing Blows	Elevation (ft.)	Grain Size	Visual Description and Remarks	Laboratory Testing Results/AASHTO and Unified Class
0								200.5		6" PAVEMENT.	
5	10	24/19	5.00 - 7.00	7/5/3/2	8	12				Layer of old Pavement at 3.0 ft bgs.	
10	20	24/8	10.00 - 12.00	6/11/13/35	24	36				Brown, moist, dense, fine to coarse SAND, some gravel, some silt, (Ffill).	G#264799 A-2-4, SM WC=14.6%
15	30	24/12	15.00 - 17.00	4/4/14/8	18	27				Brown, wet, medium dense, fine to coarse SANDY GRAVEL, little silt, (Tfill).	G#264800 A-1-a, GW-GM WC=9.5%
20	MD	2-4/0	20.00 - 20.20							Failed sample attempt.	
25										Bottom of Exploration at 20.2 feet below ground surface. SPOON REFUSAL.	
Remarks: 7.0-8.0 ft below Streambed.											
Stratification lines represent approximate boundaries between soil types; transitions may be gradual.										Page 1 of 1	
* Water level readings have been made at times and under conditions stated. Groundwater fluctuations may occur due to conditions other than those present at the time measurements were made.											
Boring No.: HB-CAM-202											



Note: This generalized interpretive soil profile is intended to convey trends in subsurface conditions. The boundaries between strata are approximate and idealized, and have been developed by interpretations of widely spaced explorations and samples. Actual soil and bedrock transitions may vary and are probably more erratic. For more specific information refer to the exploration logs.



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HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	
DESIGN-DETAILED	N. COLLINS	CHECKED-REVIEWED	T. WHITE	SIGNATURE	
DESIGN-DETAILED	C. RUSSELL	DESIGN-DETAILED	FEB 2020	P.E. NUMBER	
REVISIONS 1		REVISIONS 2		DATE	
REVISIONS 3		REVISIONS 4			
FIELD CHANGES					

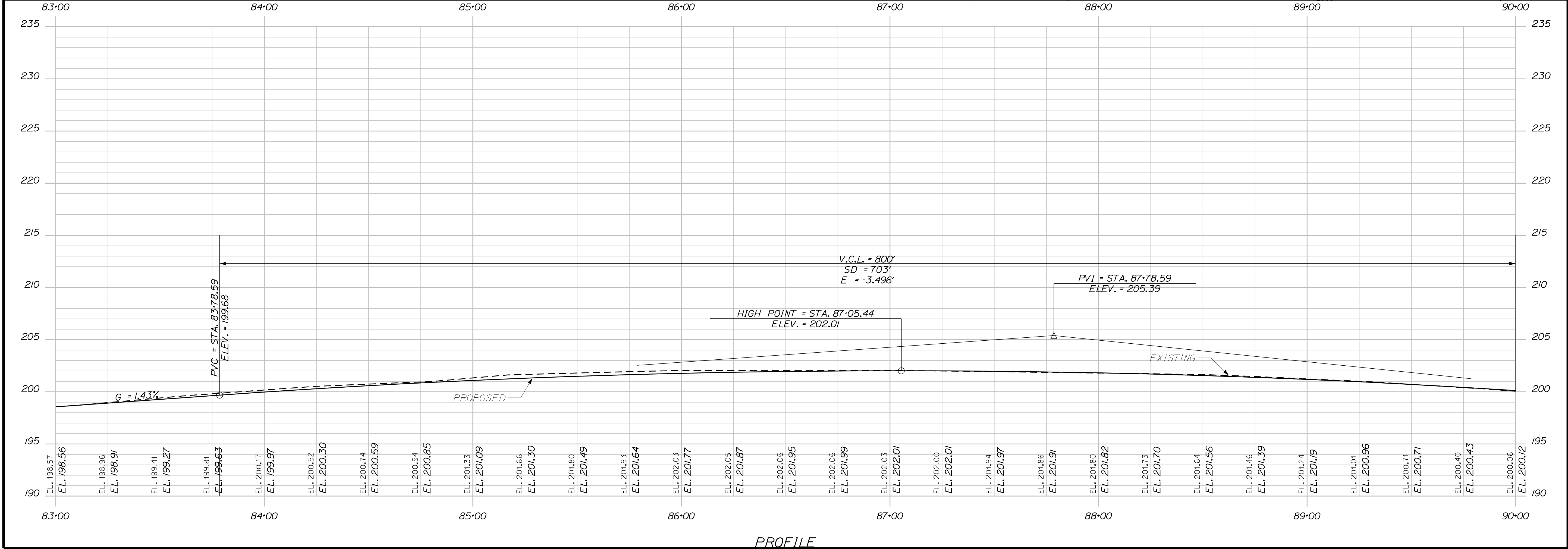
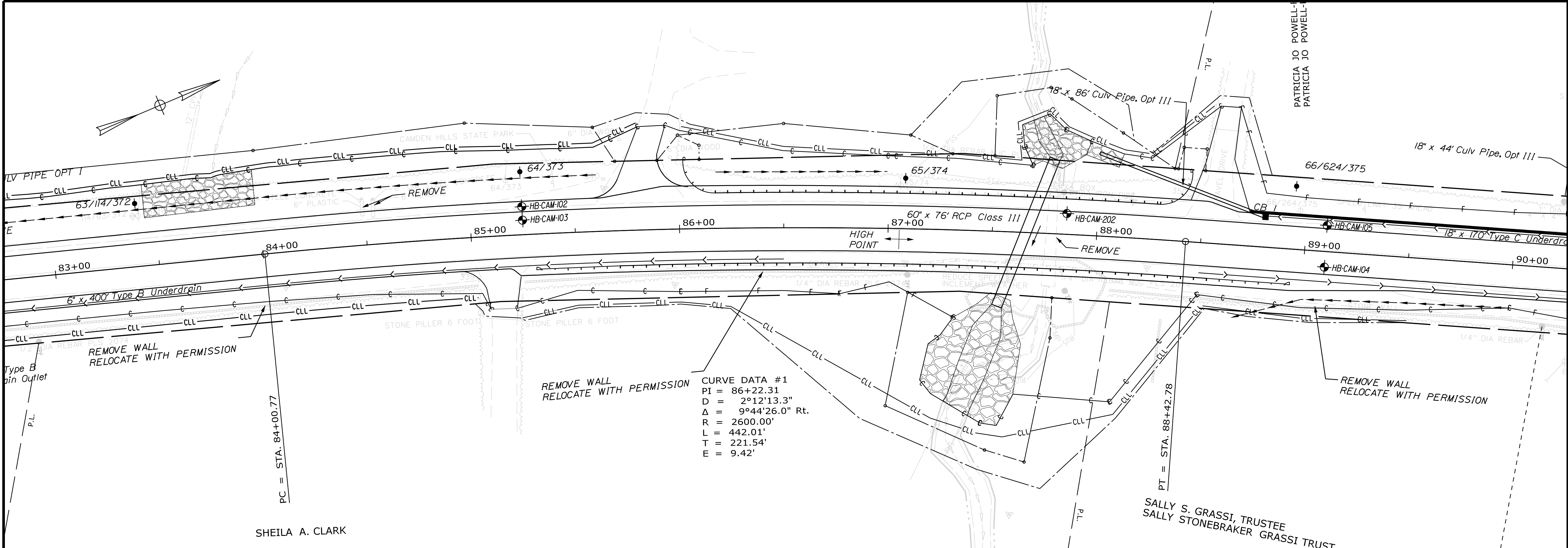
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ROUTE 1

PLANS

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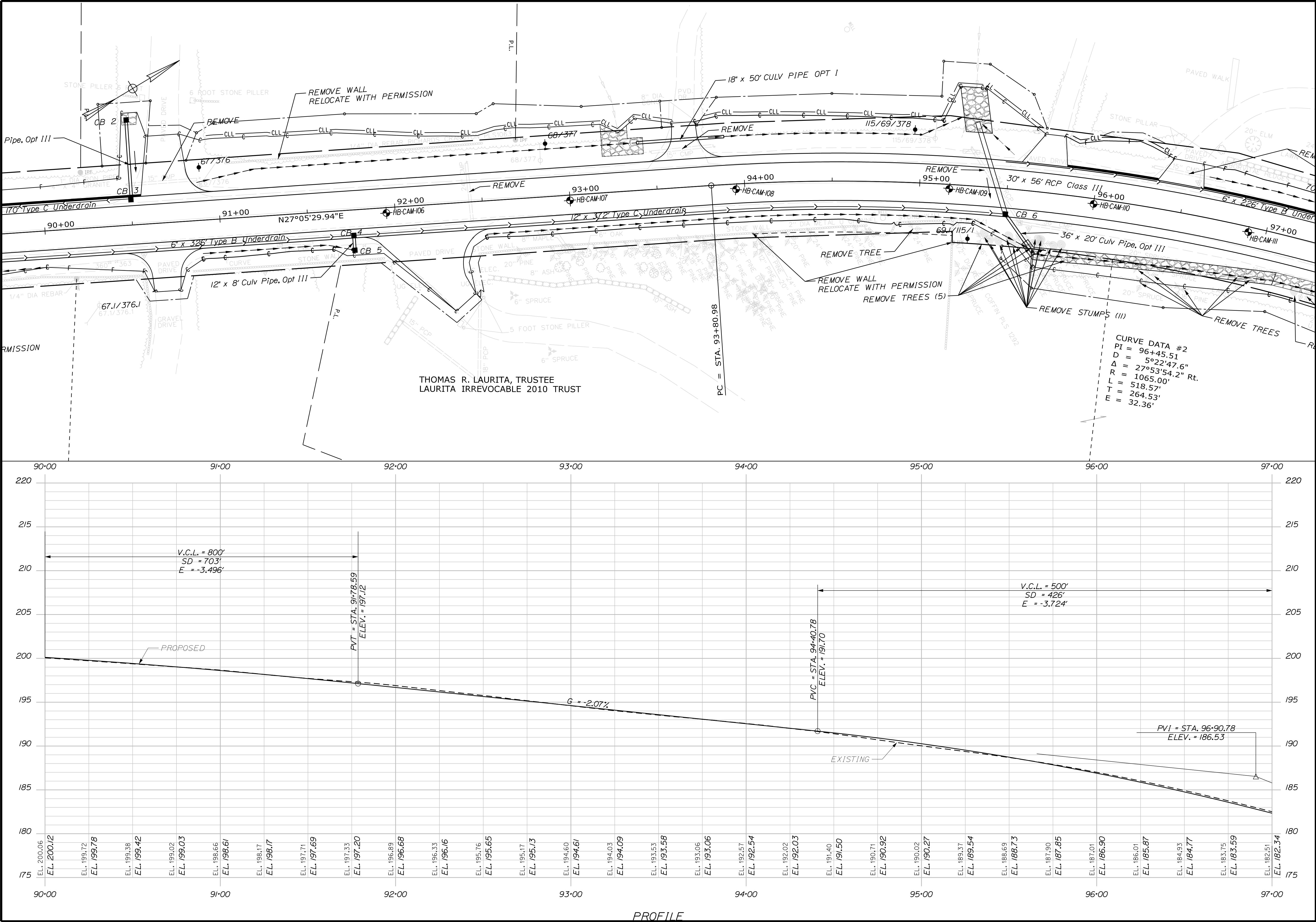
STATE OF MAINE
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NH-1828(300)

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18283.00
HIGHWAY PLANS

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PLANS

SHEET NUMBER
15
OF 163

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	
CHECKED-DETAILED	N. COLLINS			SIGNATURE	
DESIGN-DETAILED	C. RUSSELL		T. WHITE	FEB 2020	
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STATE OF MAINE
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NH-1828(300)

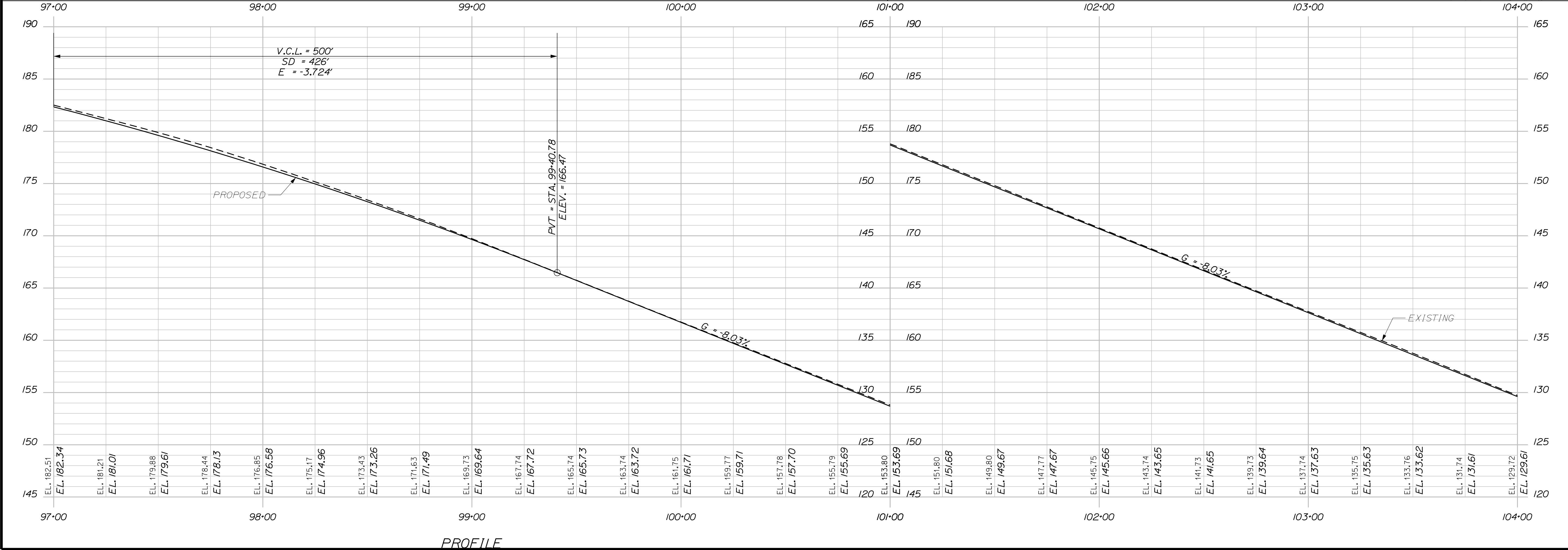
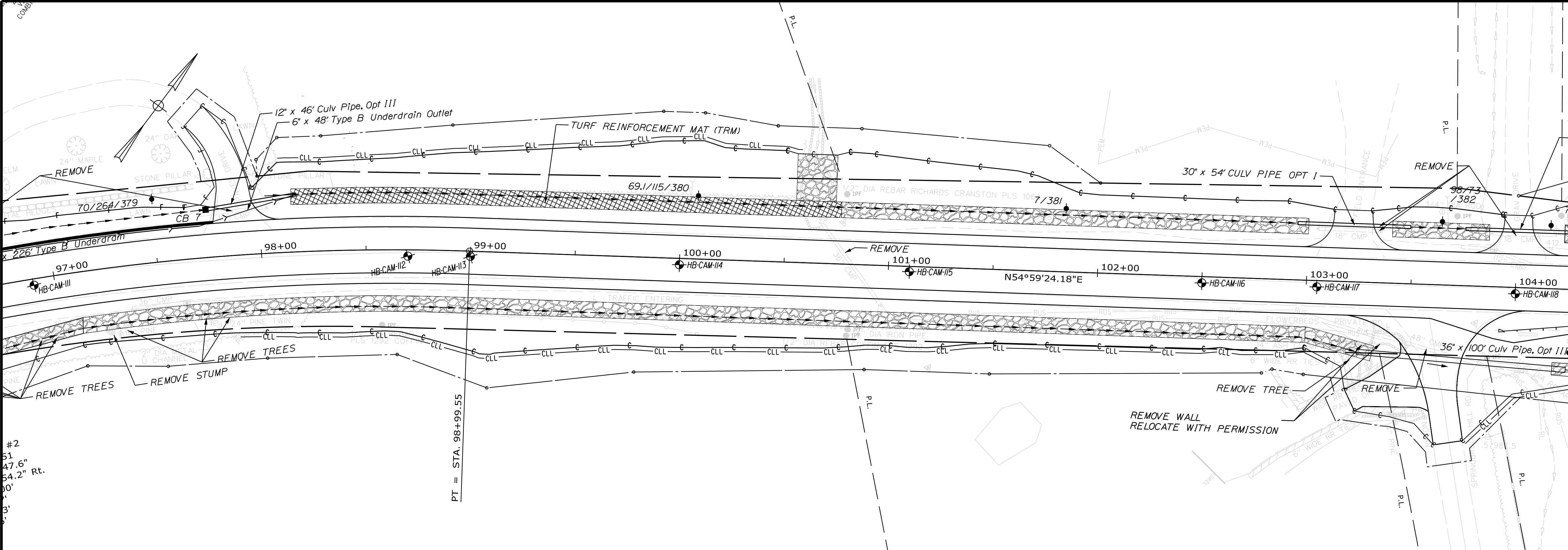
WIN
18283.00
HIGHWAY PLANS

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DESIGN-DETAILED	N. COLLINS				
CHECKED-REVIEWED	C. RUSSELL				
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FIELD CHANGES					

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PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	E. MARTIN	
CHECKED-REVIEWED	N. COLLINS	J. HARDEN
DESIGN-DETAILED	C. RUSSELL	T. WHITE
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SIGNATURE	P.E. NUMBER	DATE

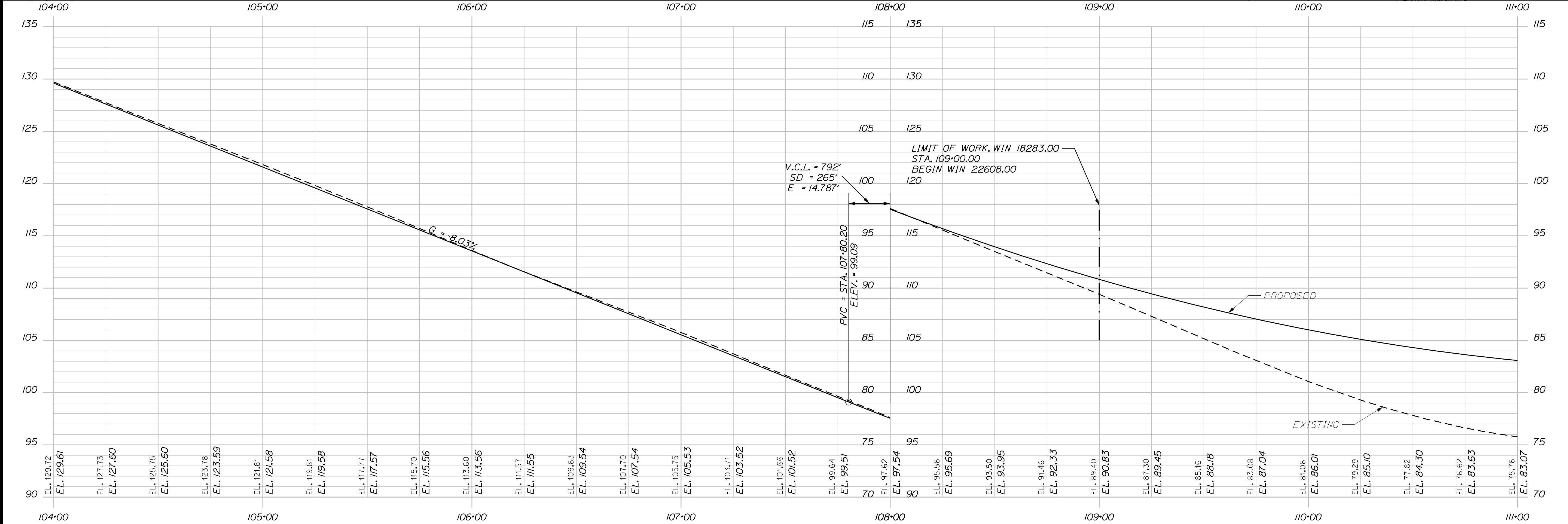
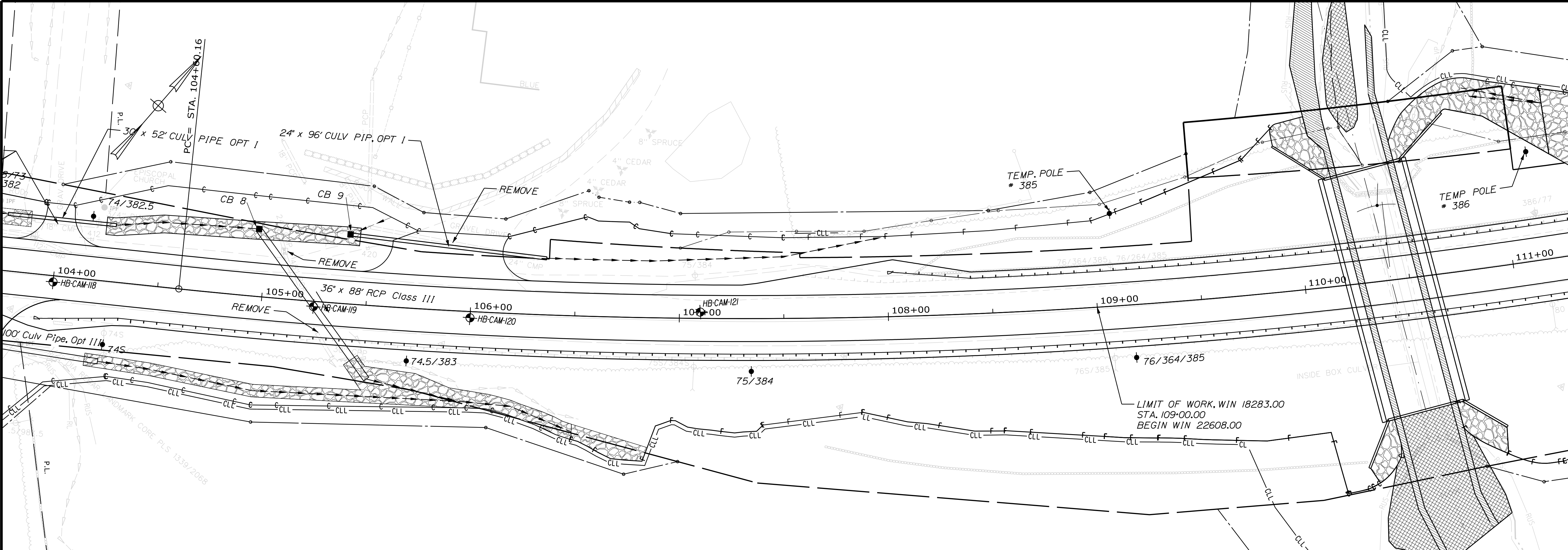
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PLANS

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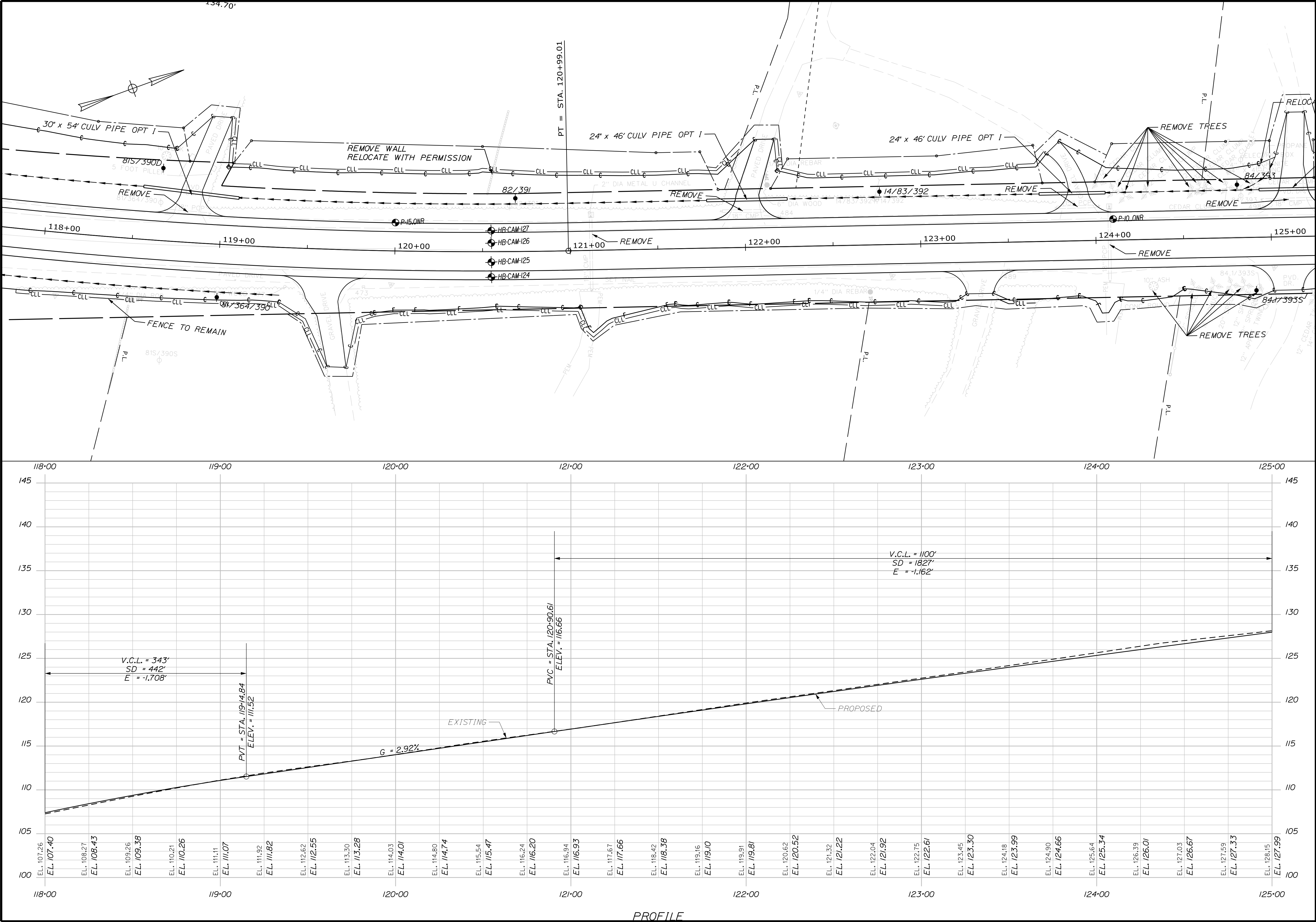
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HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE
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CHECKED-REVIEWED C. RUSSELL	T. WHITE	FEB 2020	
DESIGN-DETAILED REVISIONS 1			P.E. NUMBER
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ROUTE 1
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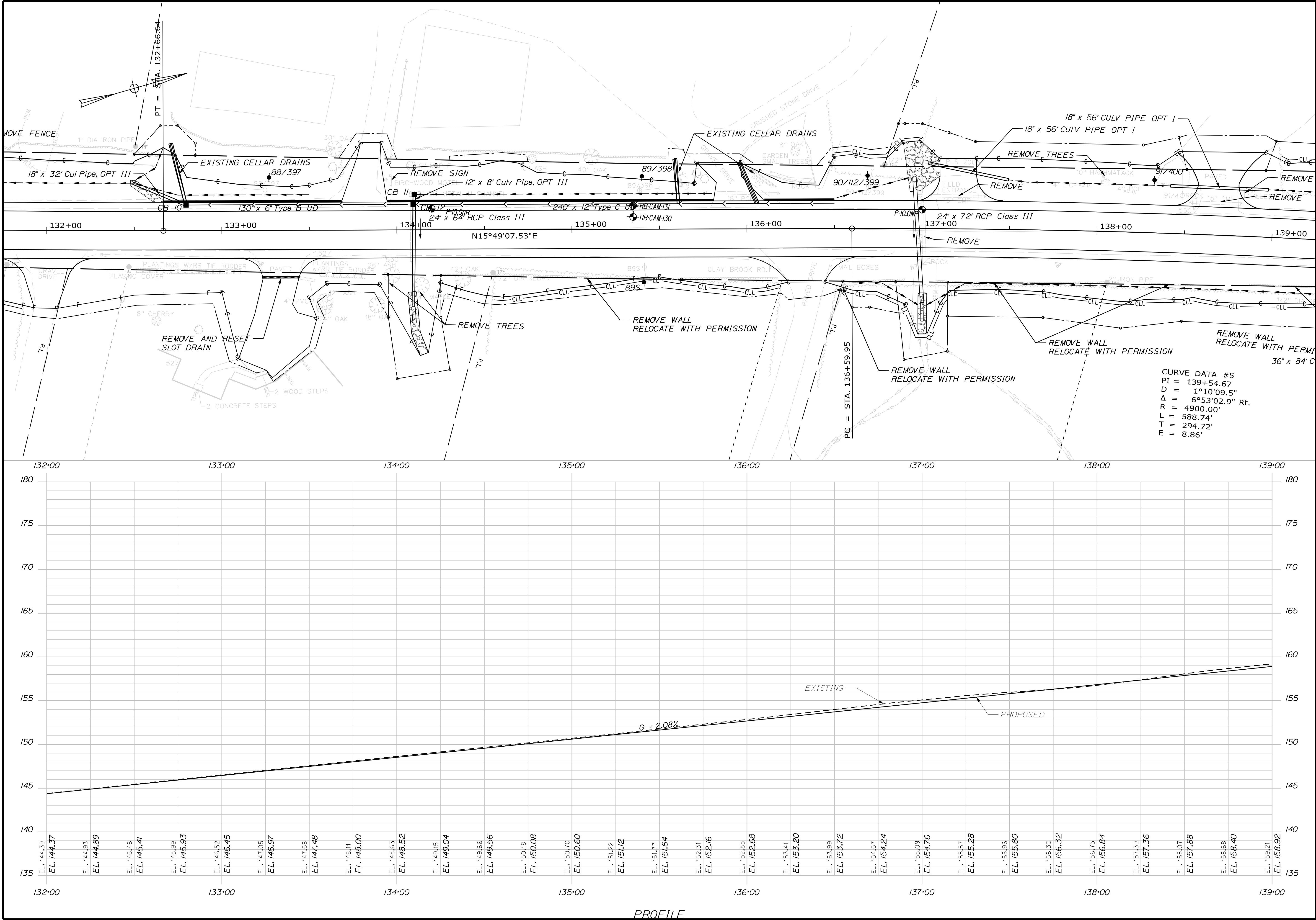
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DESIGN-DETAILED		N. COLLINS		J. HARDEN				FEB 2020	
DESIGN-REVIEWED		C. RUSSELL		T. WHITE				P.E. NUMBER	
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OF 163									

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PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	FEB 2020
CHECKED-DETAILED	N. COLLINS	SIGNATURE	T. WHITE	P.E. NUMBER	
DESIGN-DETAILED	C. RUSSELL	DATE			
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ROUTE 1

PLANS

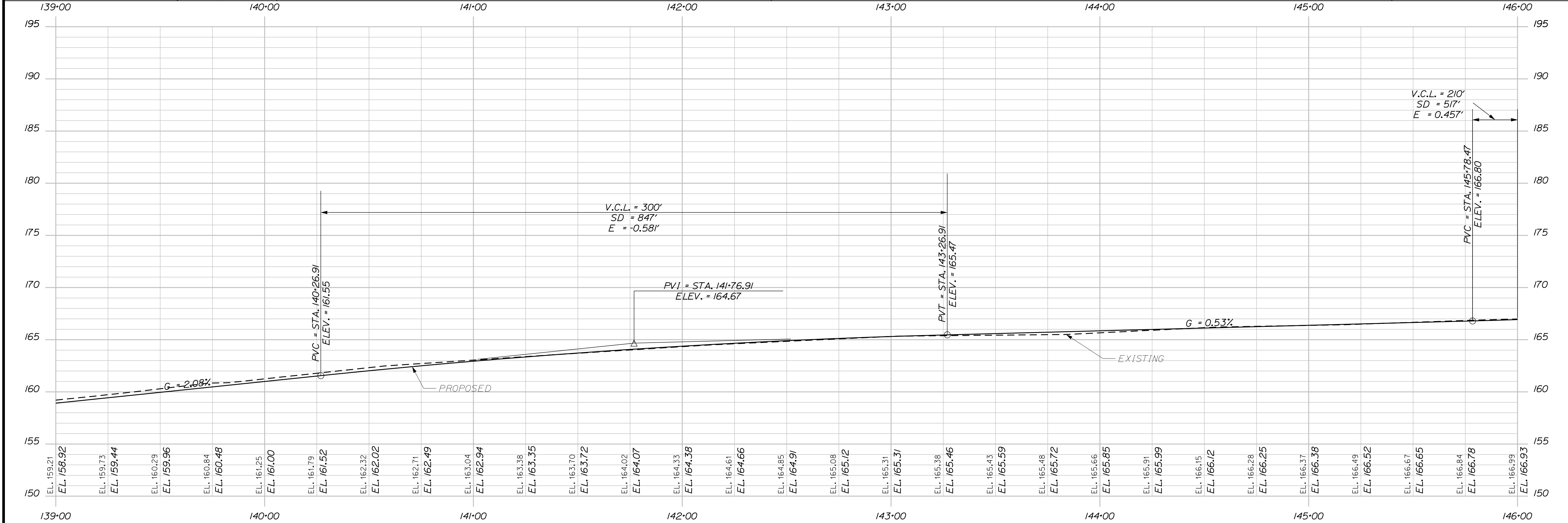
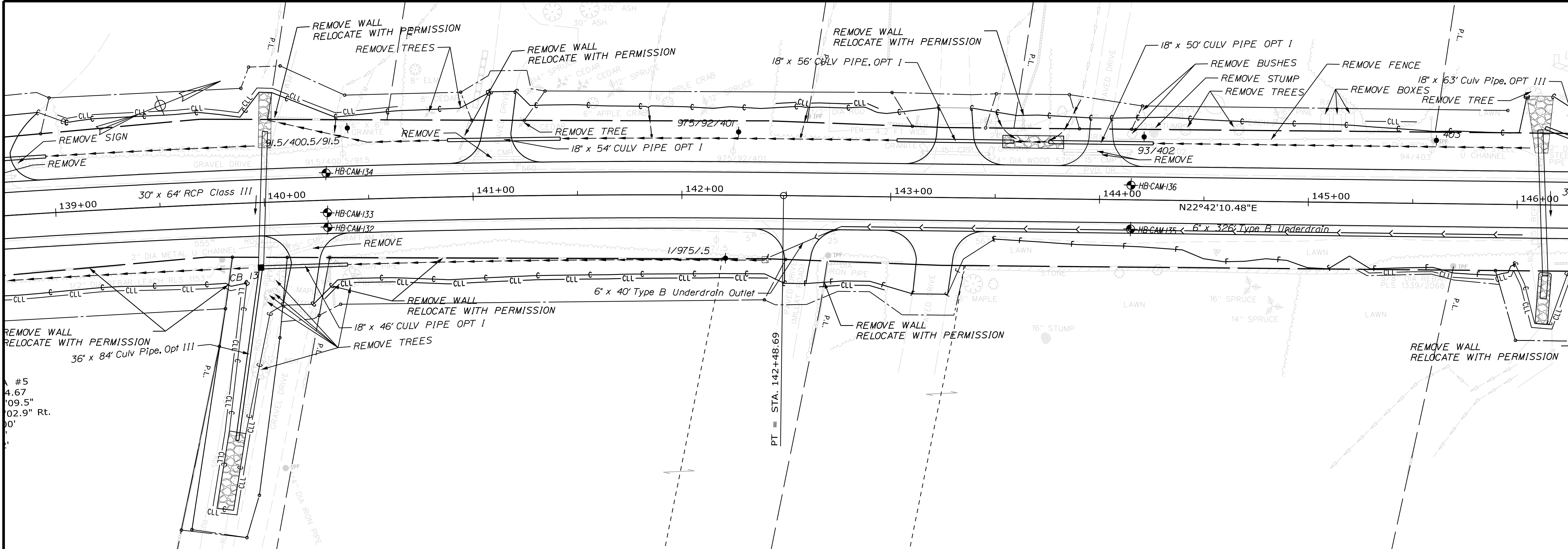
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Date:1/21/2020

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Division: HIGHWAY

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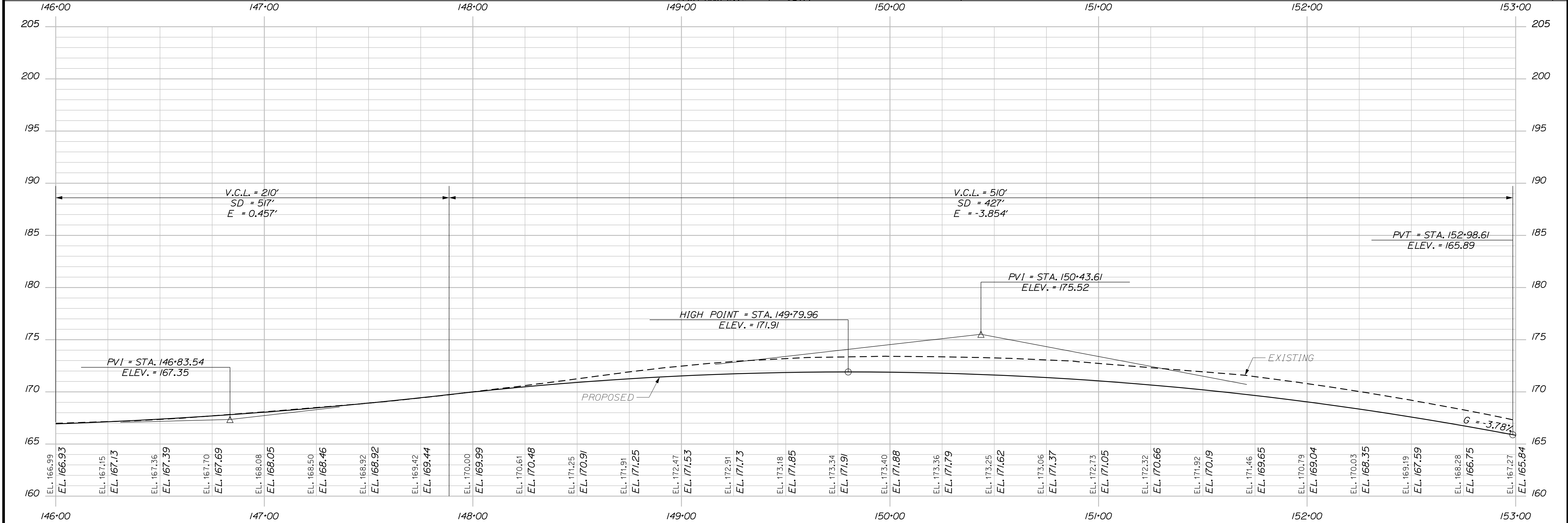
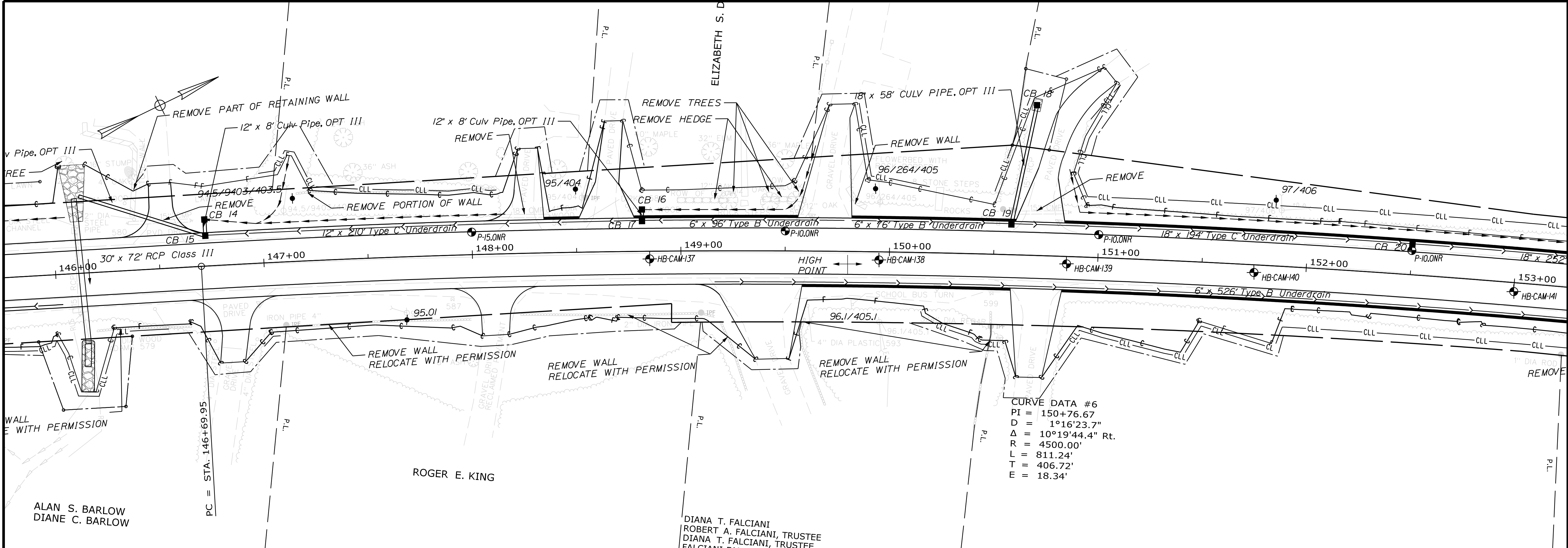
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)

PROJ. MANAGER	BY	DATE	SIGNATURE
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CHECKED-REVIEWED	DESIGNED-DETAILED	DESIGNED-DETAILED	P.E. NUMBER
N. COLLINS	C. RUSSELL	T. WHITE	
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4
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PLANS

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HIGHWAY PLANS



PROFILE

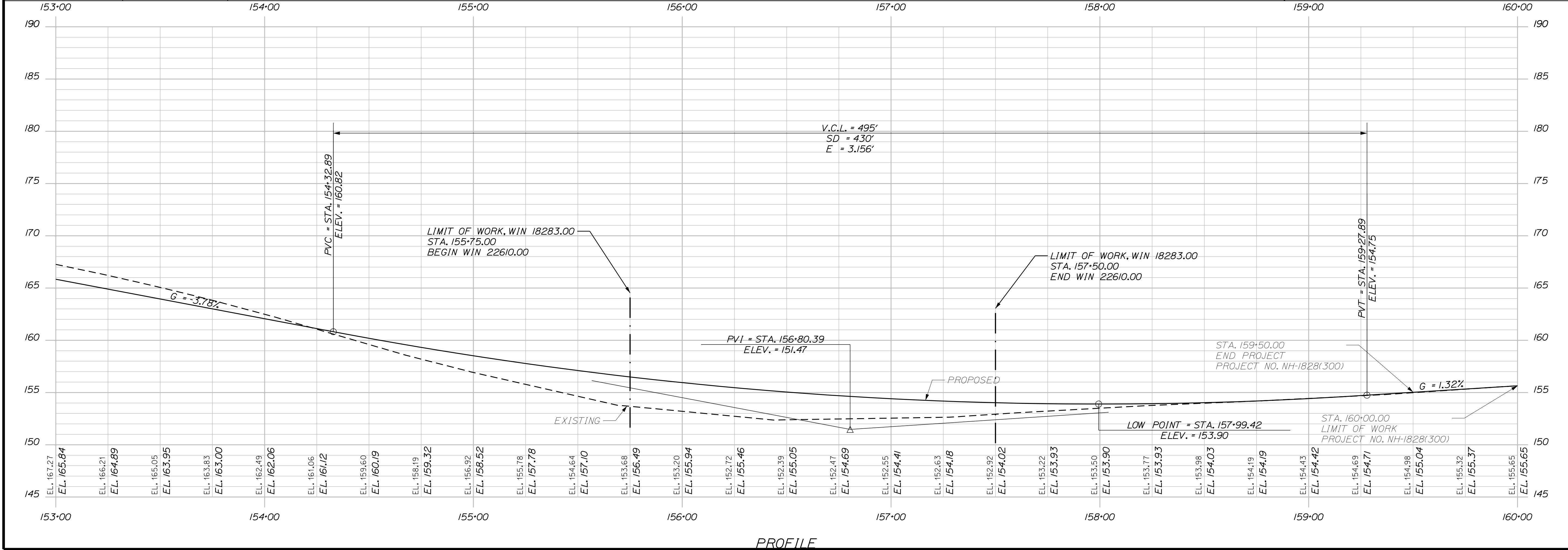
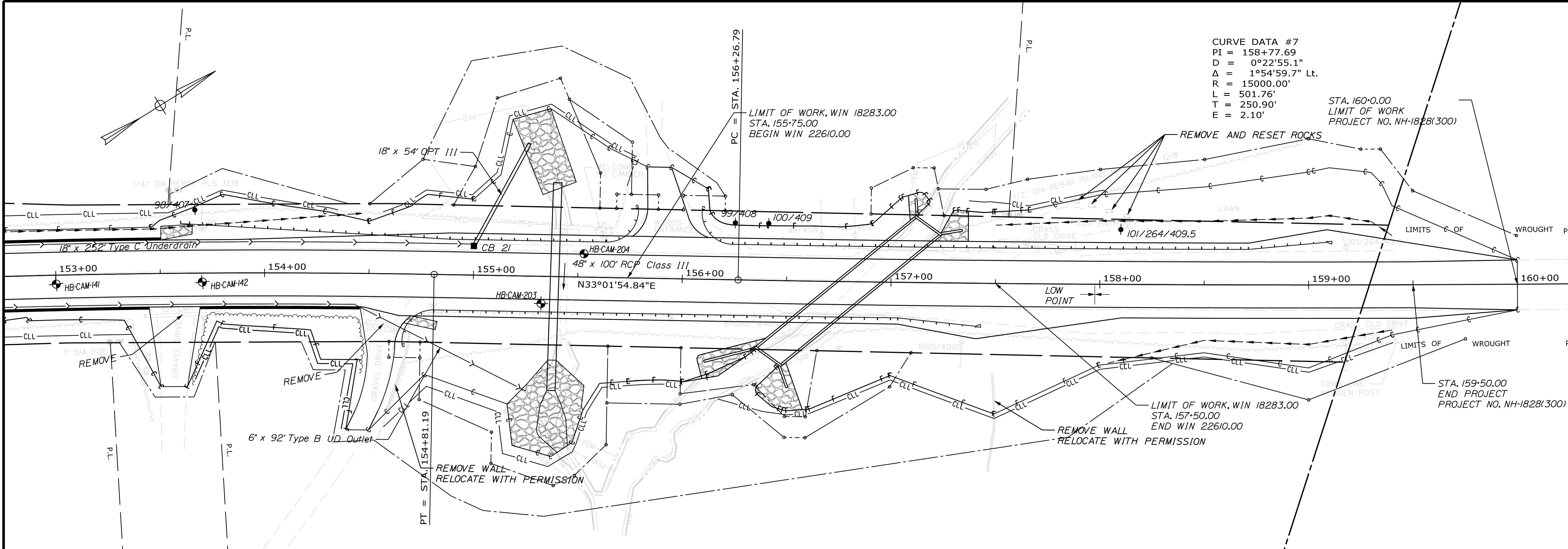
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DESIGN-DETAILED	C. RUSSELL	T. WHITE				
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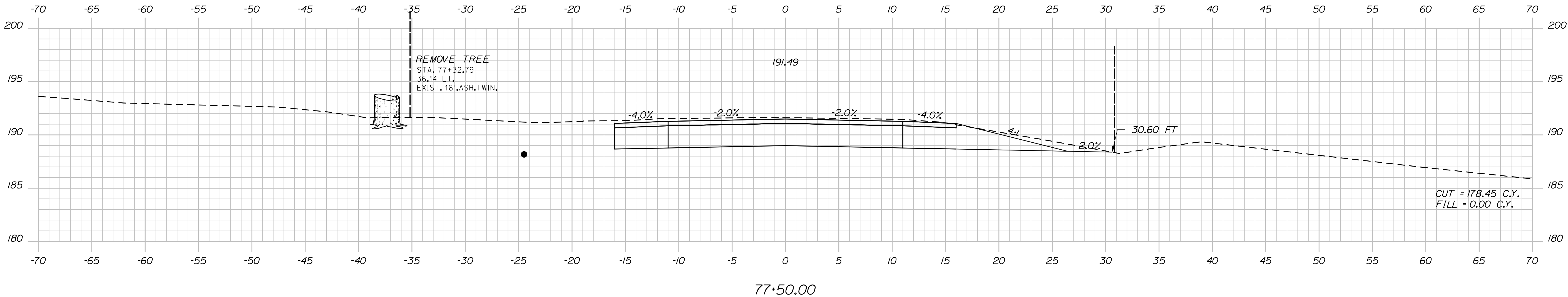
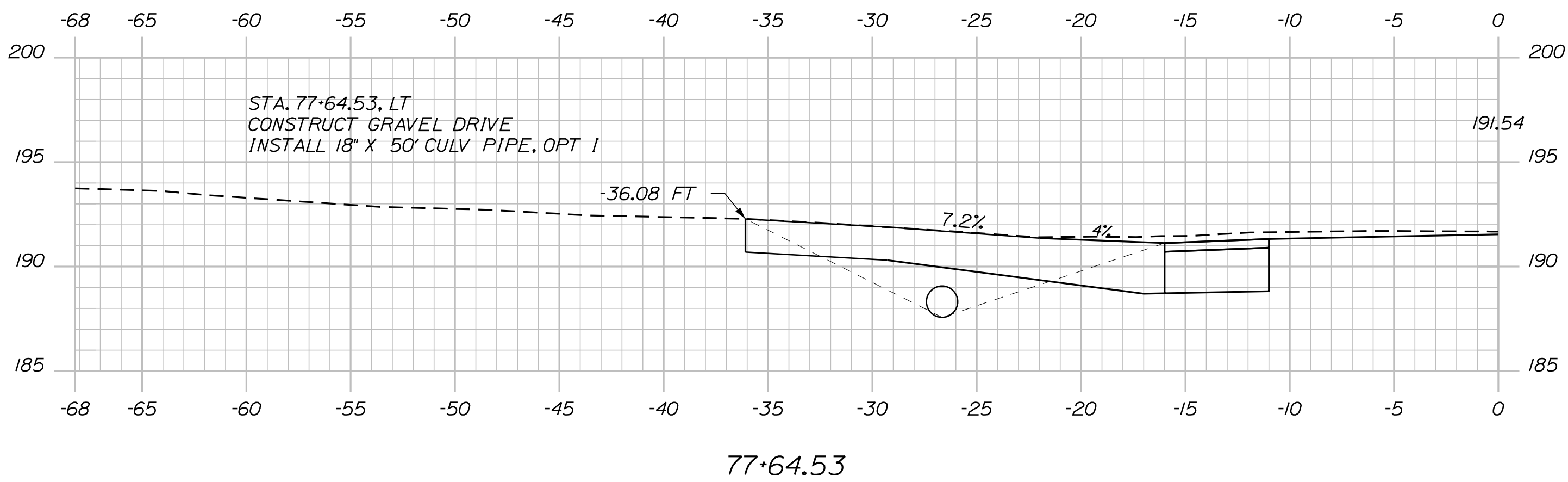
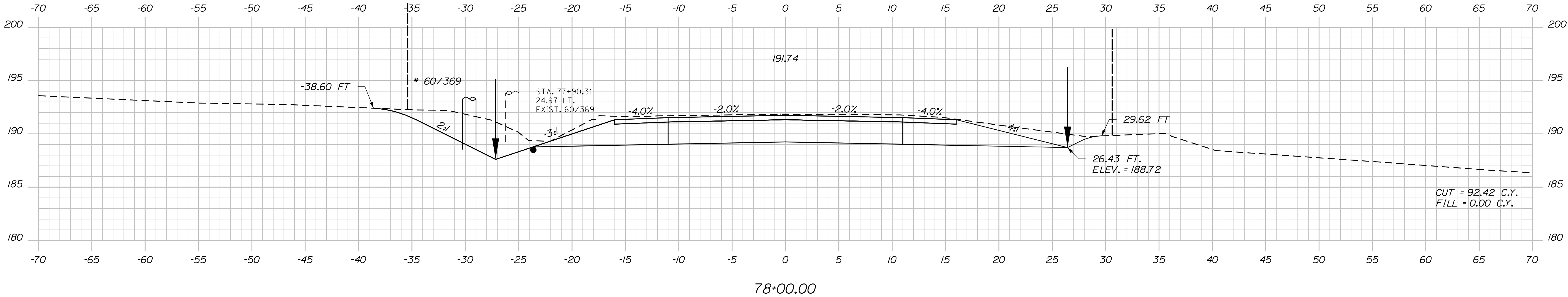
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CHECKED-REVIEWED		C. RUSSELL		T. WHITE		FEB 2020		DATE	
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REVISIONS 1		REVISIONS 2		REVISIONS 3		REVISIONS 4		FIELD CHANGES	

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NH-1828(300)

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HIGHWAY PLANS

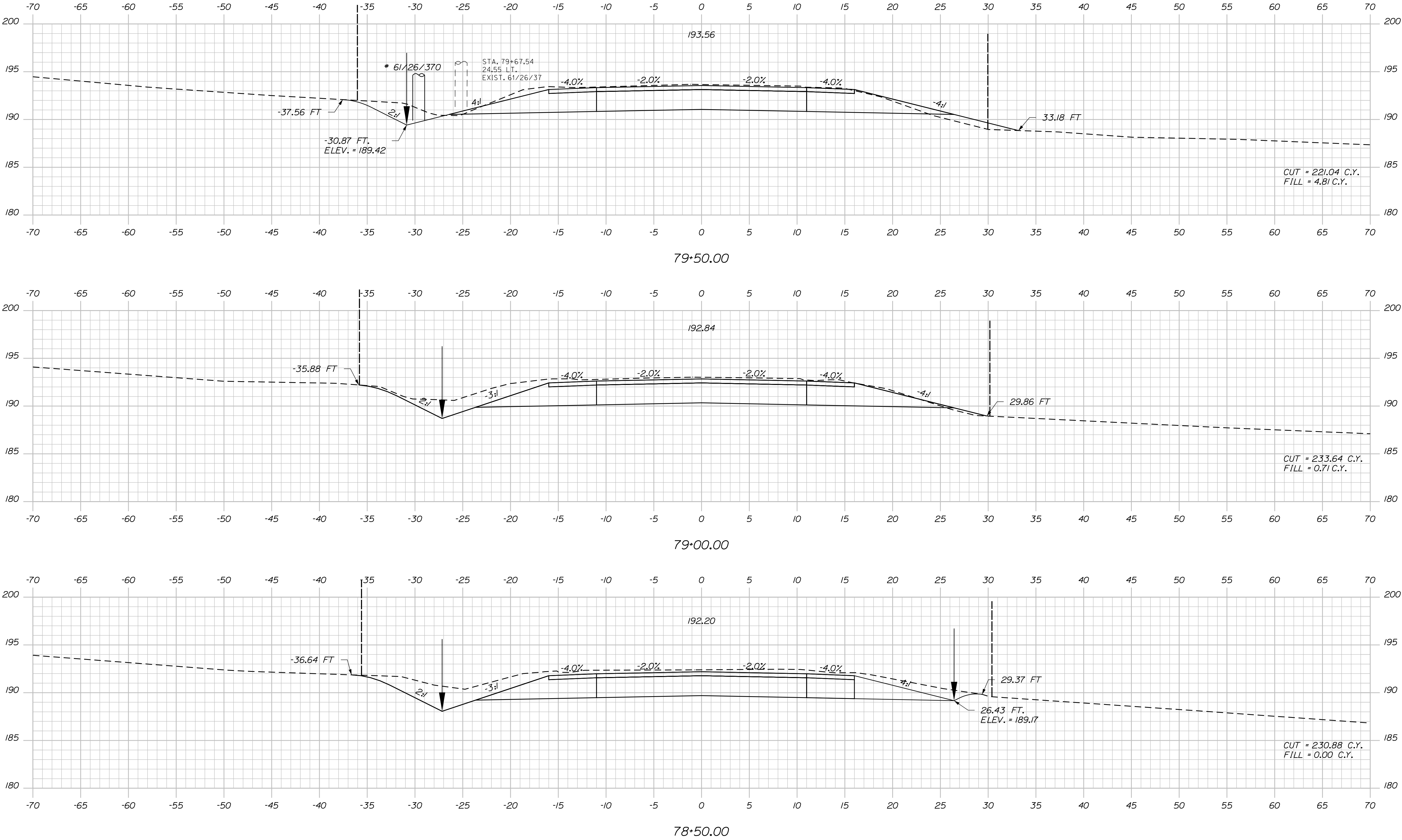
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Date:1/21/2020

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Division: HIGHWAY

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NH-1828(300)

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HIGHWAY PLANS

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DATE	BY	PROJ. MANAGER	CHECKED-REVIEWED	DESIGNED-DETAILED	DESIGNED-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
	J.HARDEN	E.MARTIN	N.COLLINS	T.WHITE	C.RUSSELL					

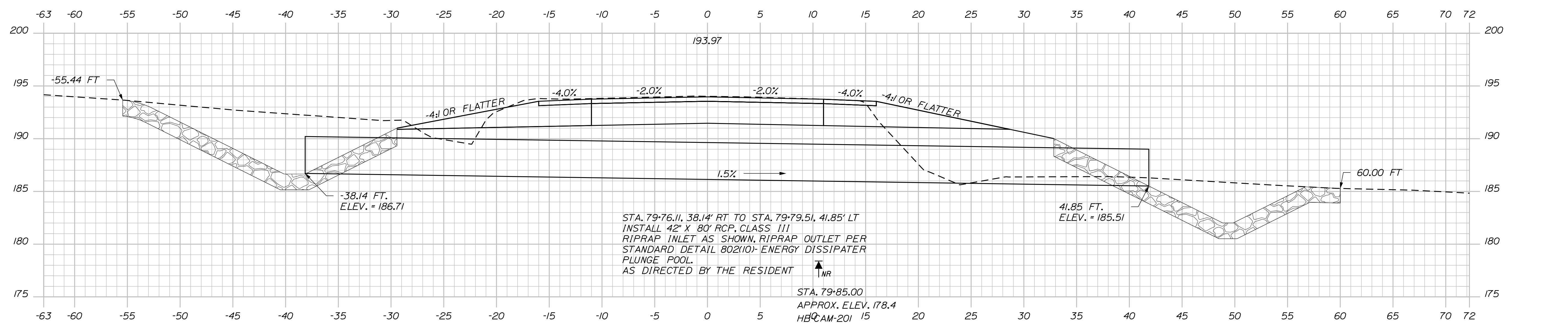
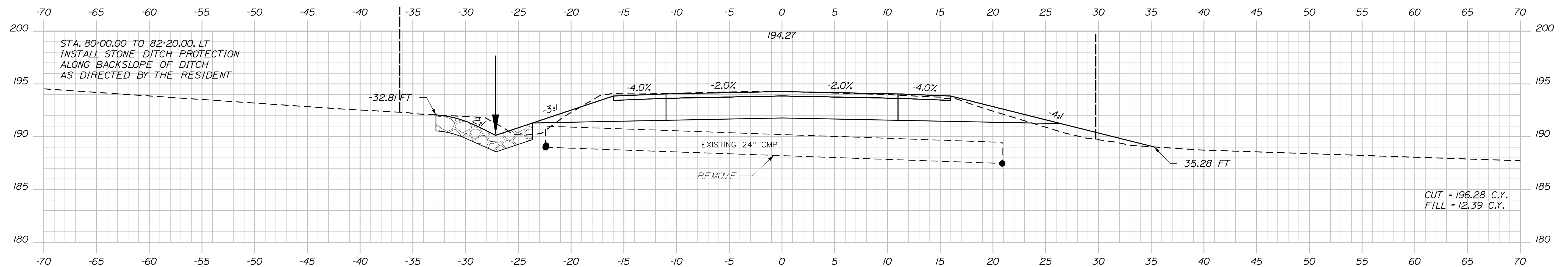
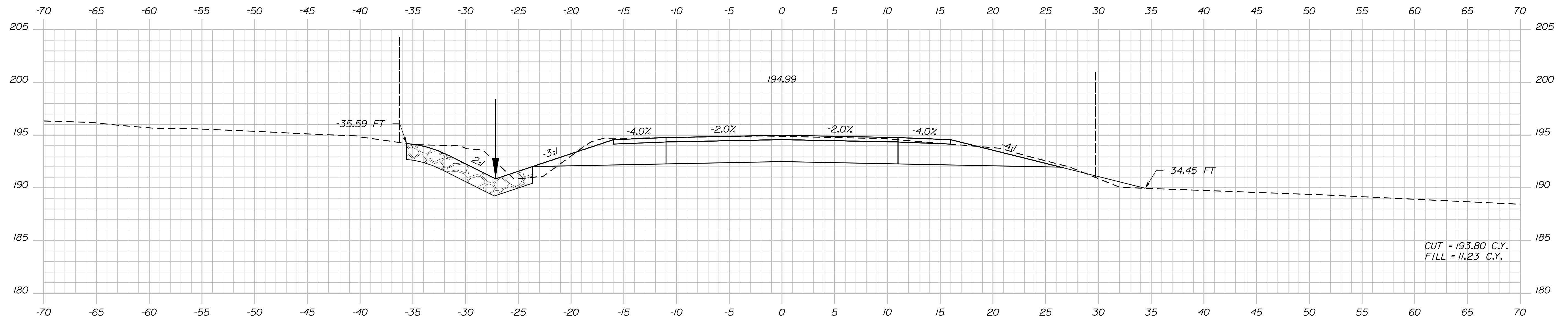
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DATE

DATE

FEB 2020



STATE OF MAINE
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NH-1828(300)

WIN
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DESIGN-DETAILED	N. COLLINS	J. HARDEN	
CHECKED (REVIEWED)			
DESIGN2-DETAILED2	I. WHITE	FEB 2020	SIGNATURE
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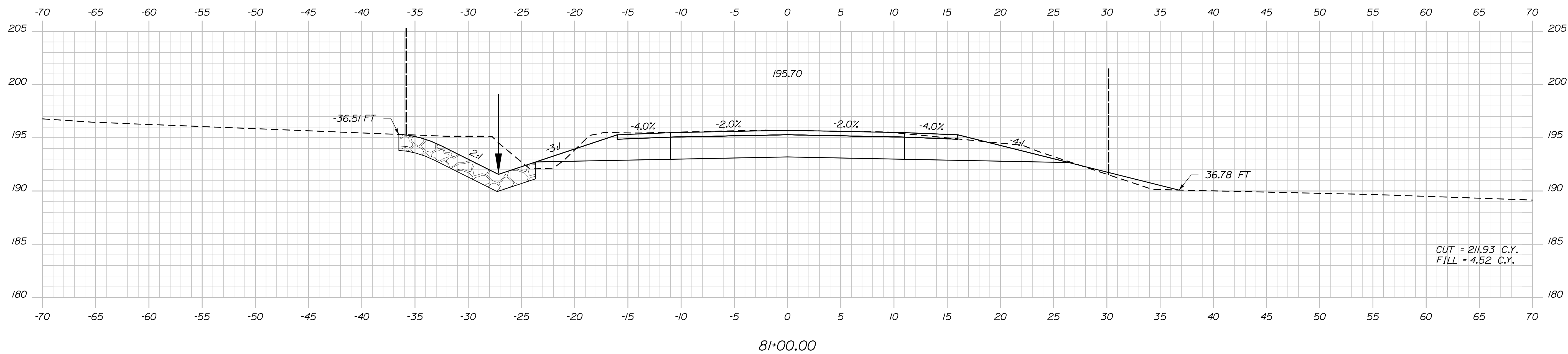
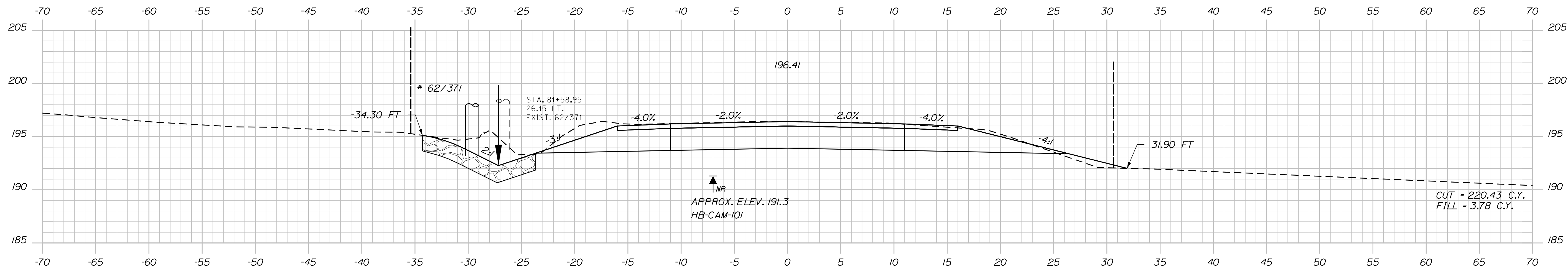
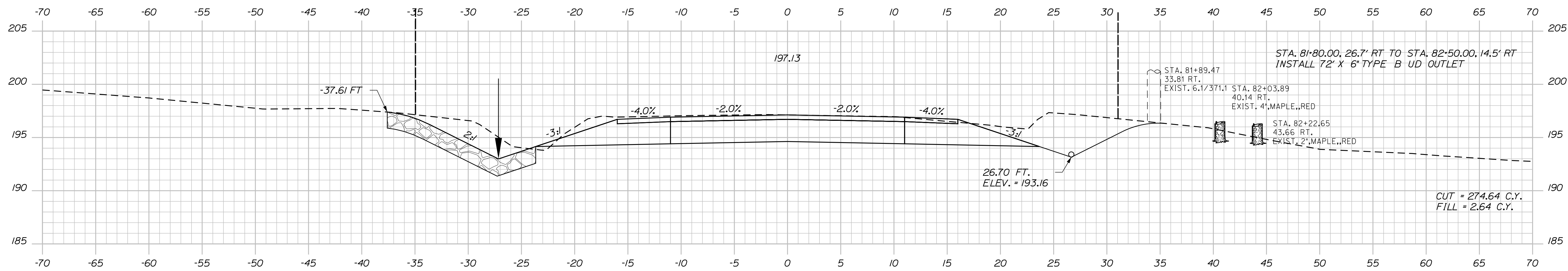
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ROUTE 1

CROSS SECTIONS

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STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
NH-1828(300)	
WIN	HIGHWAY PLANS
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PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	N. COLLINS	J. HARDEN	
CHECKED-REVIEWED			
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			DATE

CAMDEN ROUTE 1
CROSS SECTIONS

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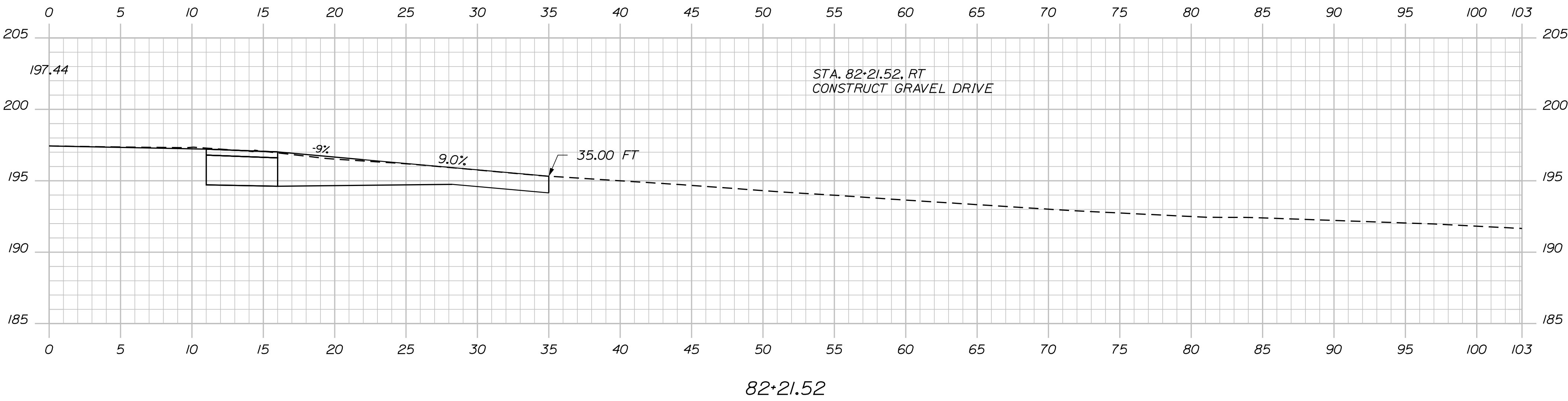
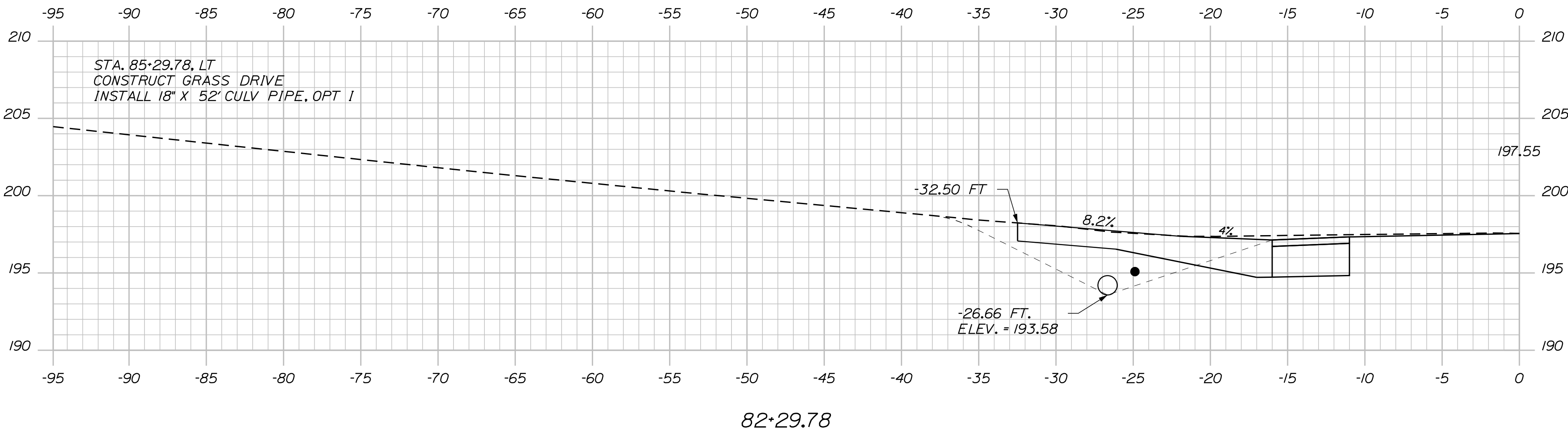
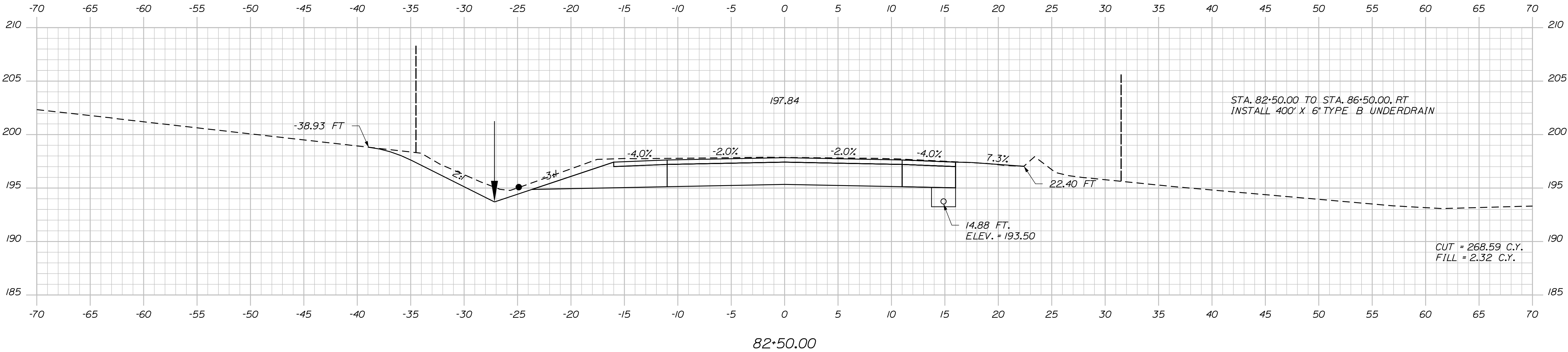
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Date:1/21/2020

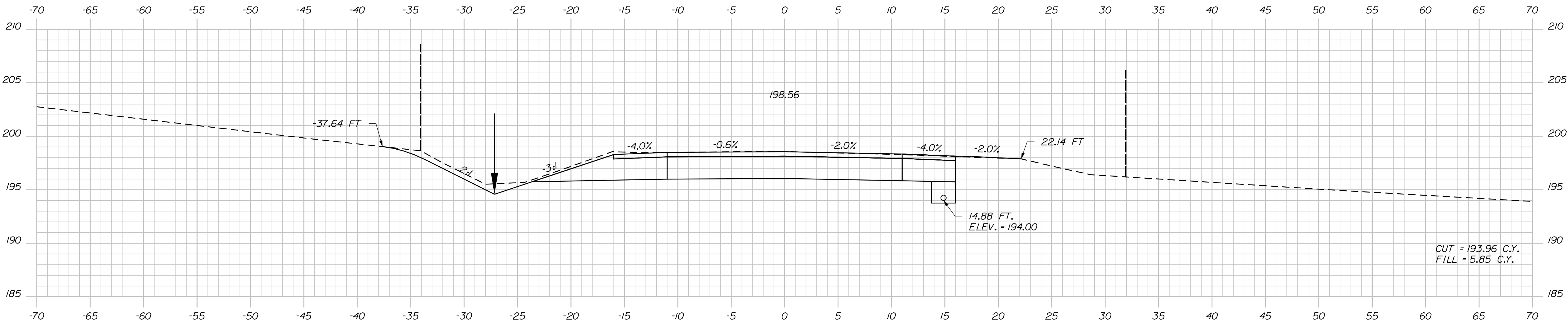
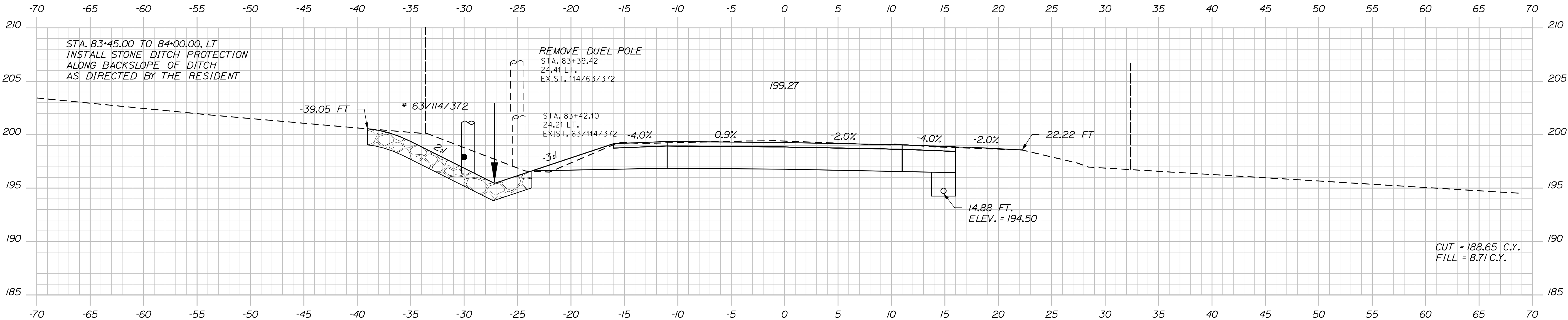
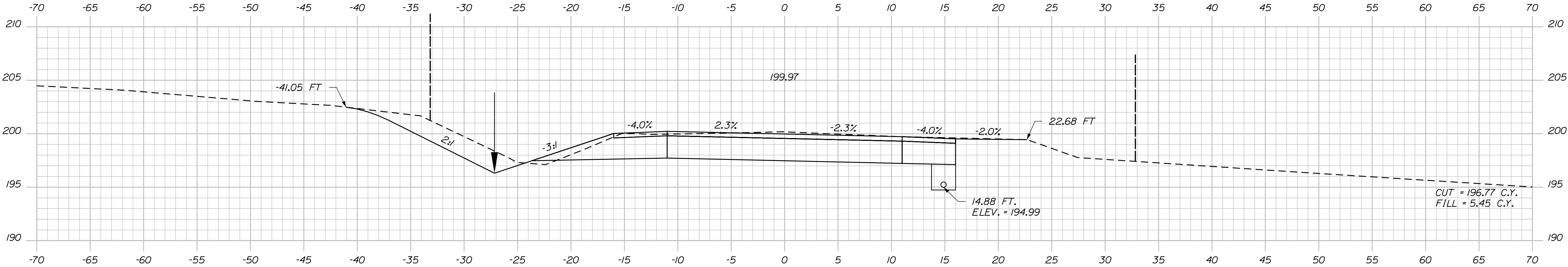
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Division: HIGHWAY

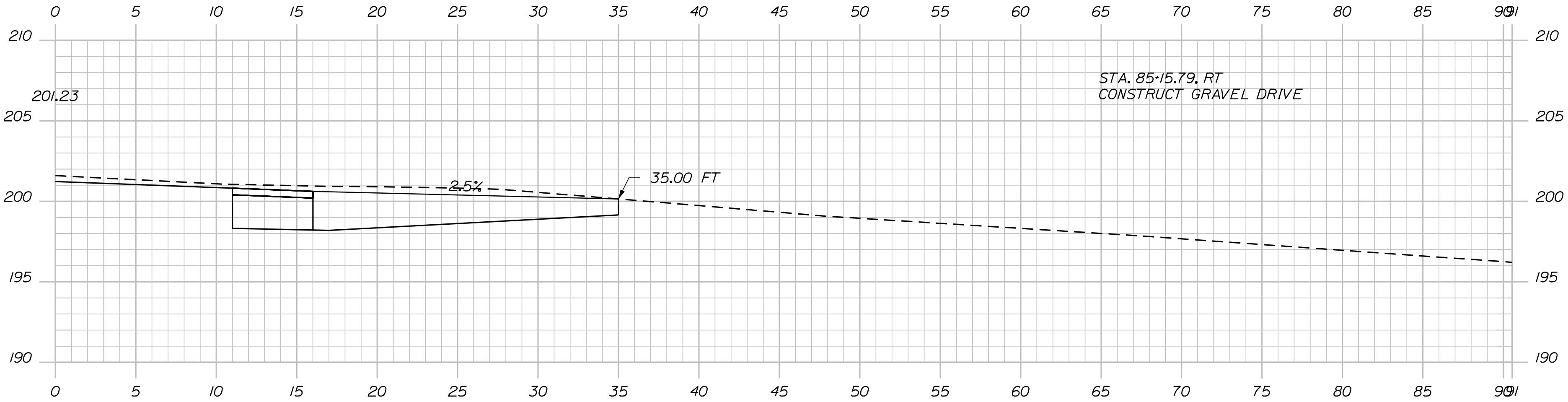
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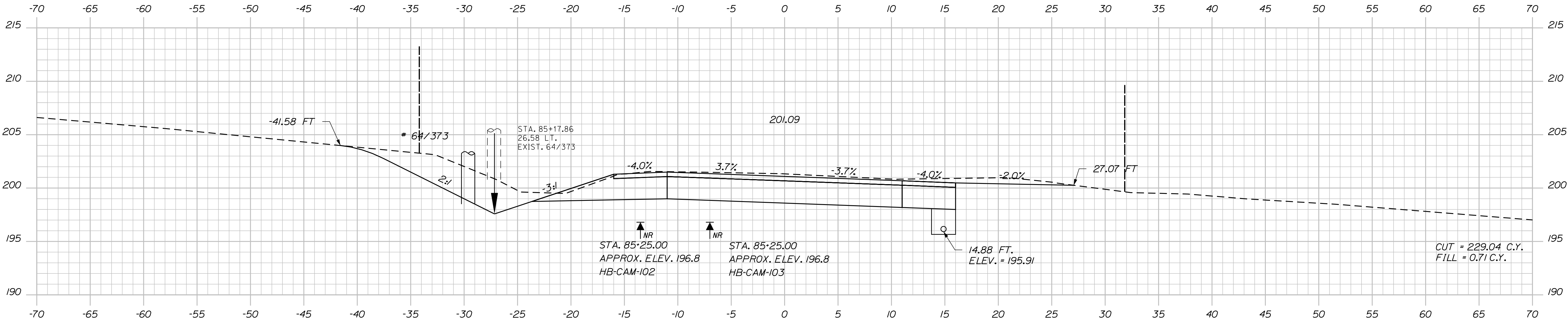
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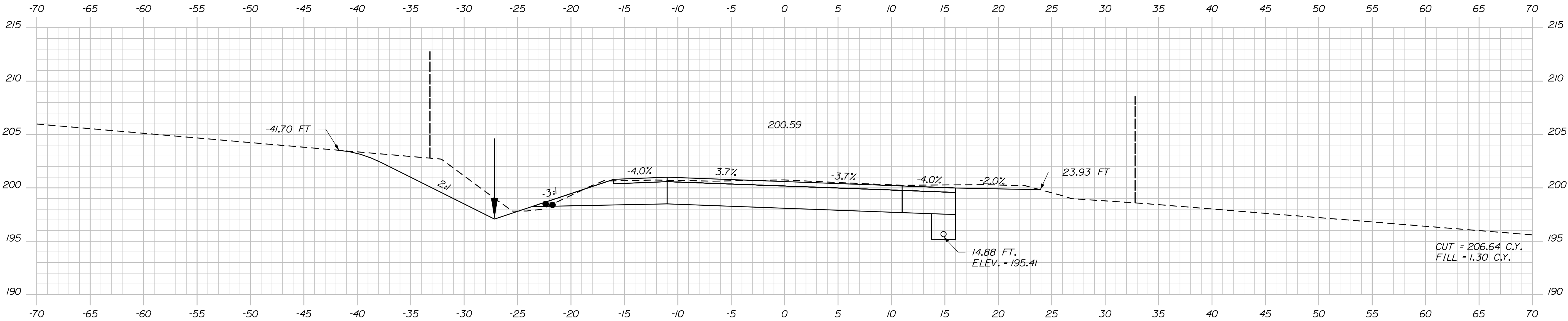
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FIELD CHANGES				FIELD CHANGES				FIELD CHANGES			



85+15.79



85+00.00



84+50.00

PROJ. MANAGER	BY	DATE	SIGNATURE
E. MARTIN	J. HARDEN	FEB 2020	
CHECKED-REVIEWED	N. COLLINS		
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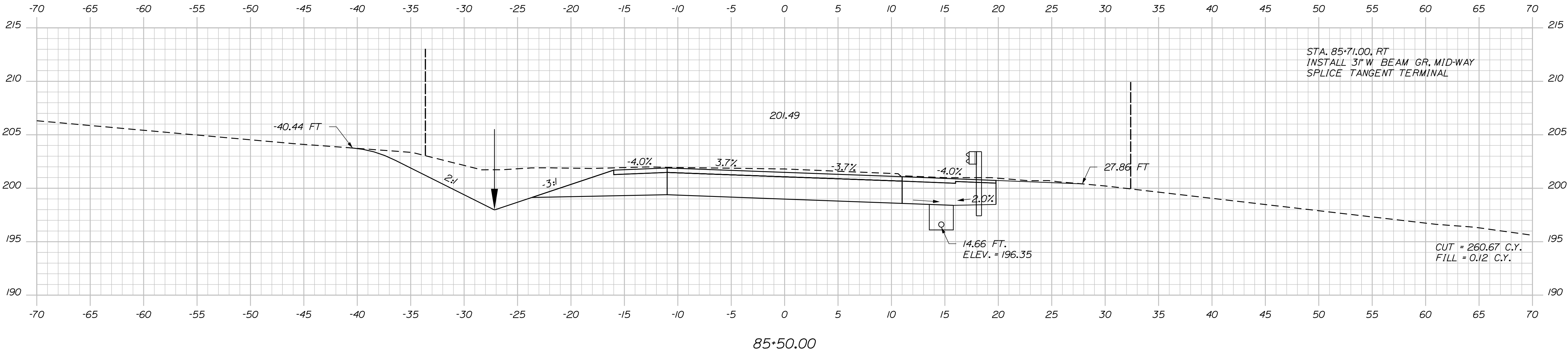
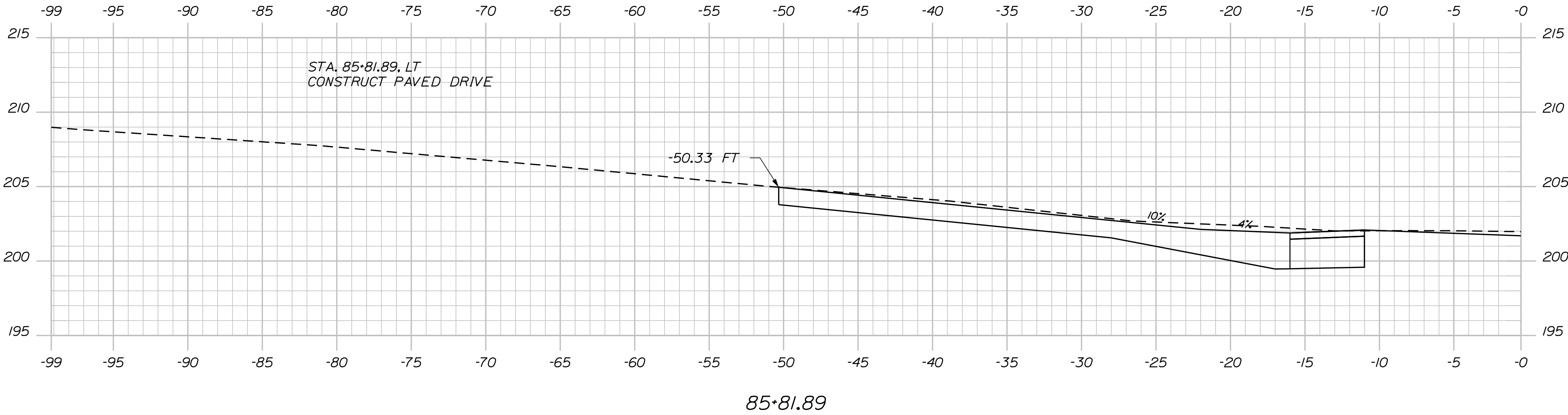
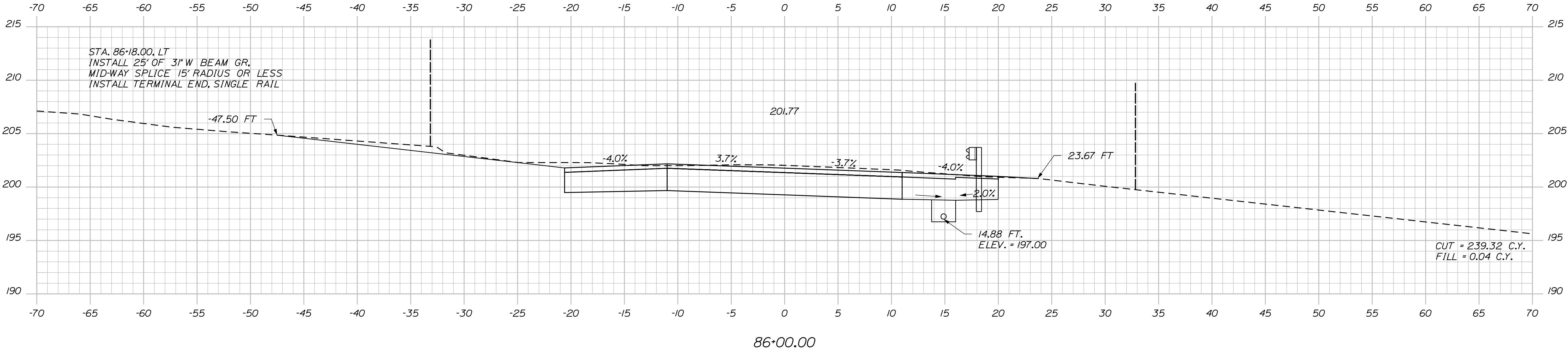
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ROUTE 1
CROSS SECTIONS

Date:1/21/2020

Username: notasha.m.collins

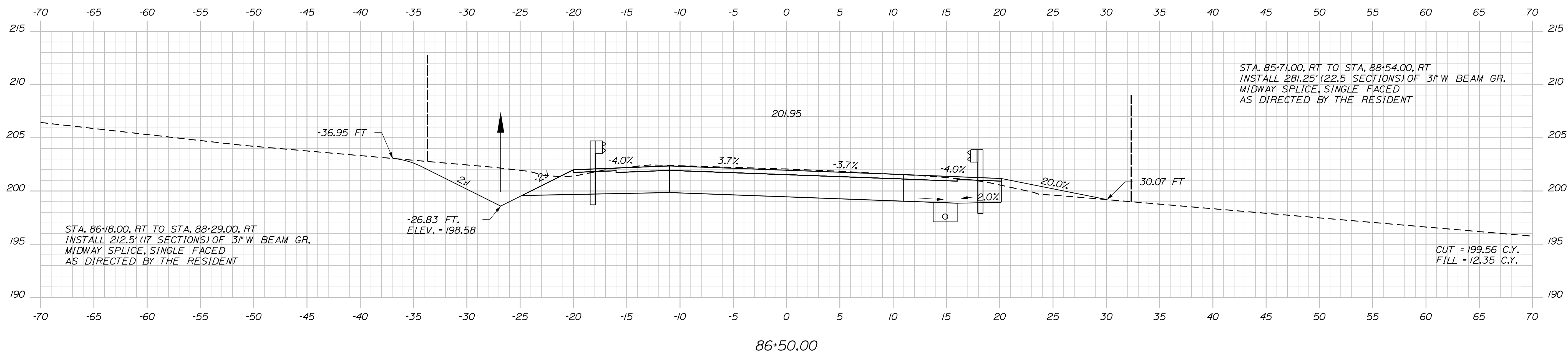
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CAMDEN
ROUTE 1
CROSS SECTIONS



	PROJ. MANAGER	E.MARTIN	BY	DATE
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CHECKED-REVIEWED				
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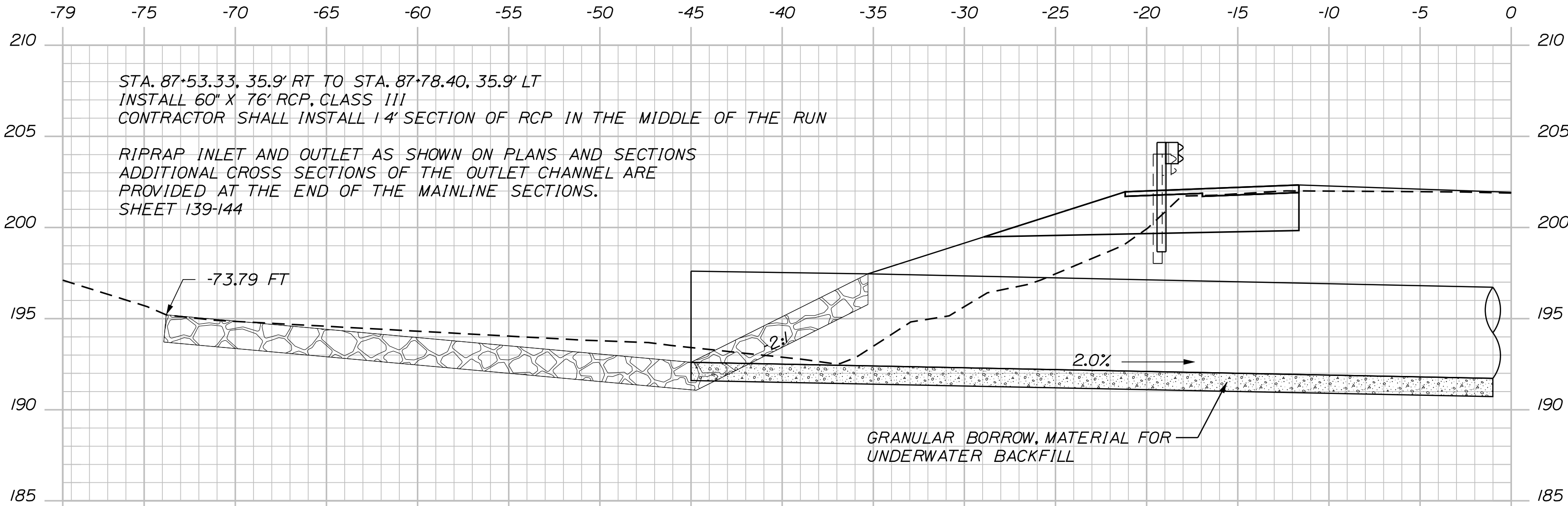
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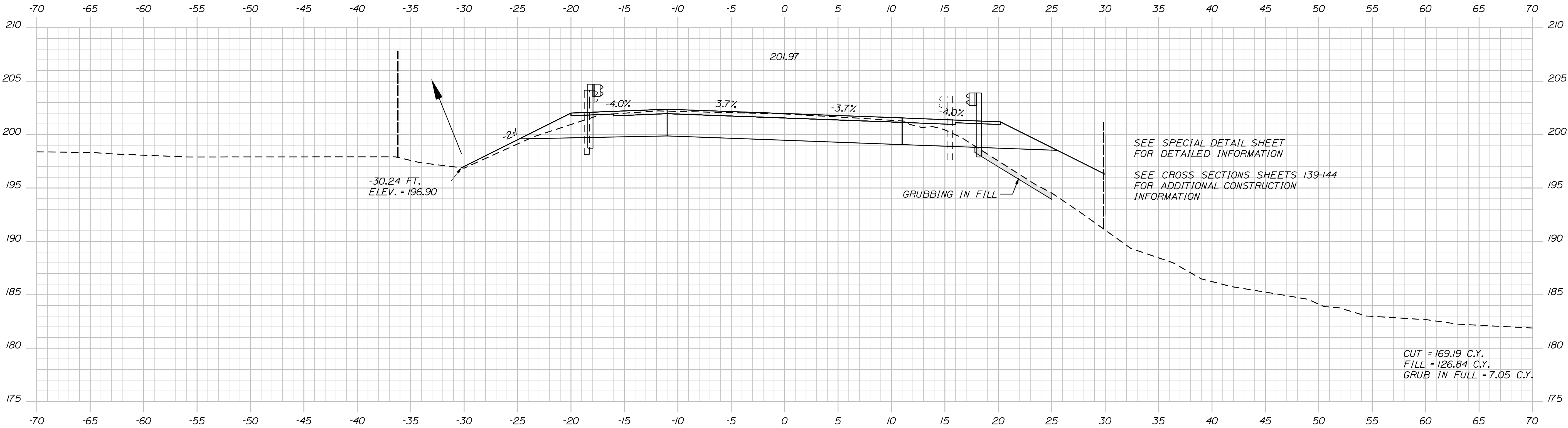
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87+66.22- SKEWED SECTION



87+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN
18283.00
HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	
DESIGN-DETAILED	N. COLLINS	CHECKED-REVIEWED	T. WHITE	SIGNATURE	
DESIGN-DETAILED	C. RUSSELL	DESIGN-DETAILED		P.E. NUMBER	
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FIELD CHANGES					

CAMDEN ROUTE 1
CROSS SECTIONS

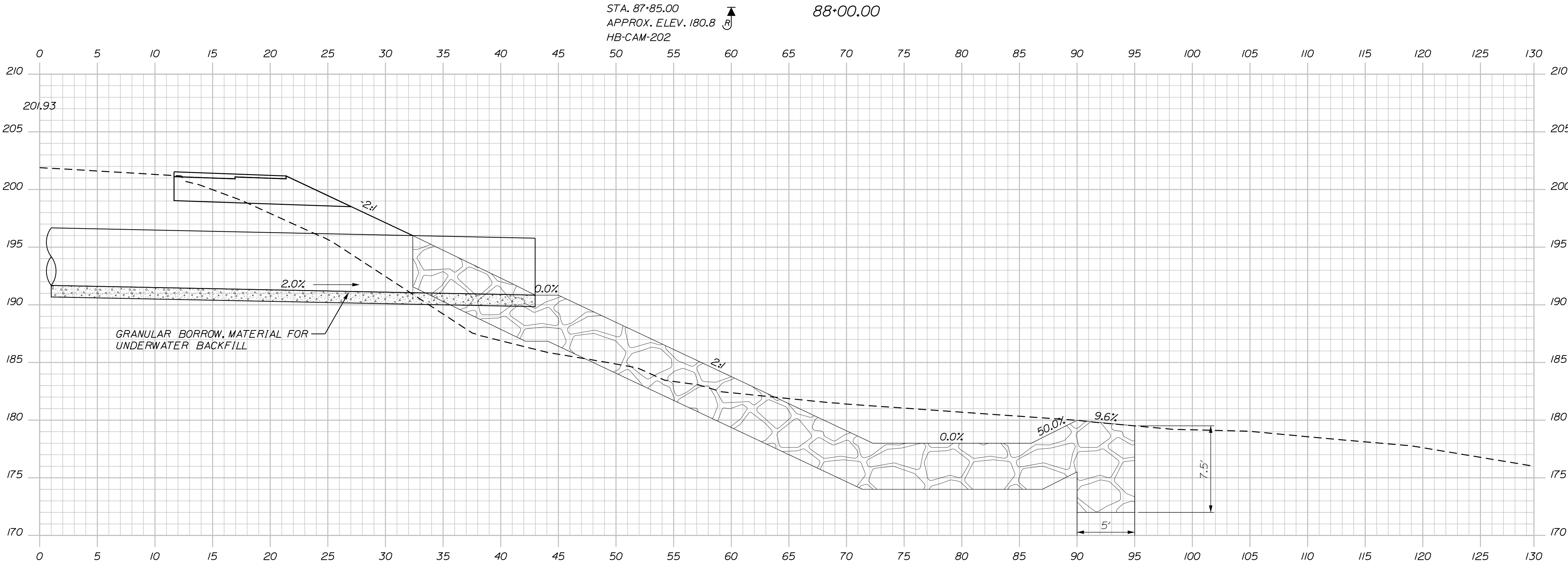
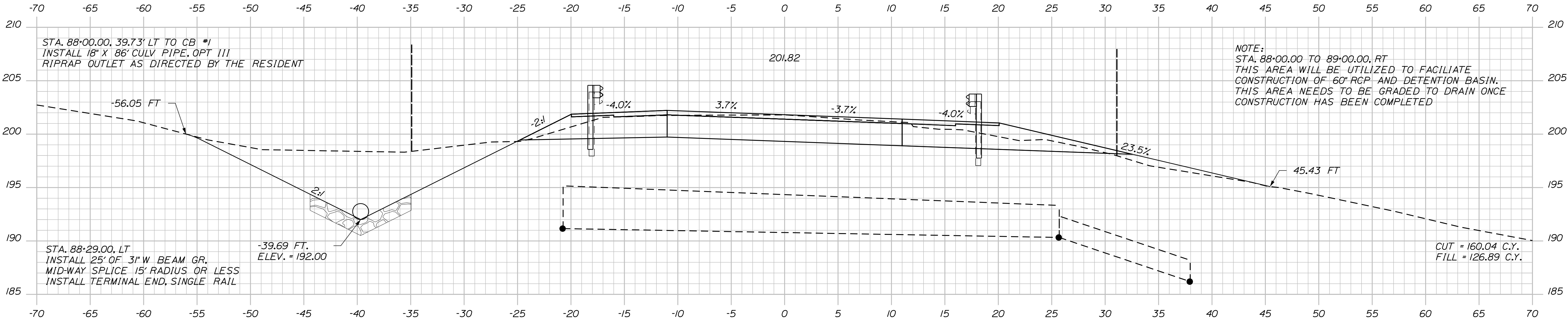
SHEET NUMBER
36
OF 163

Username: notasha.m.colins

Date:1/21/2020

Division: HIGHWAY

Filename: ... \MSTAD037_XSECT_87+66_012.dgn



PROJ. MANAGER	BY	DATE	SIGNATURE
E. MARTIN	J. HARDEN	FEB 2020	
CHECKED-REVIEWED	N. COLLINS		
DESIGN-DETAILED	T. WHITE		
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

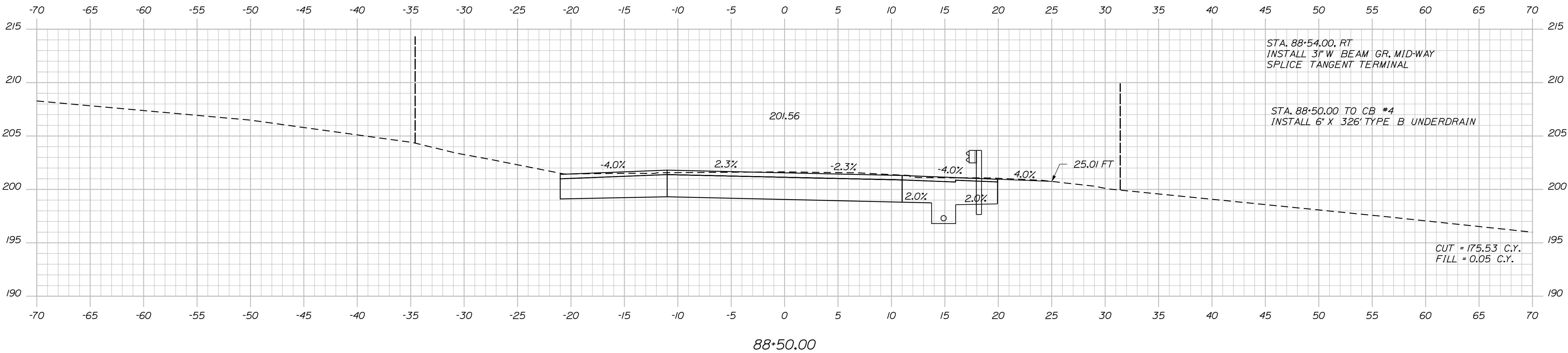
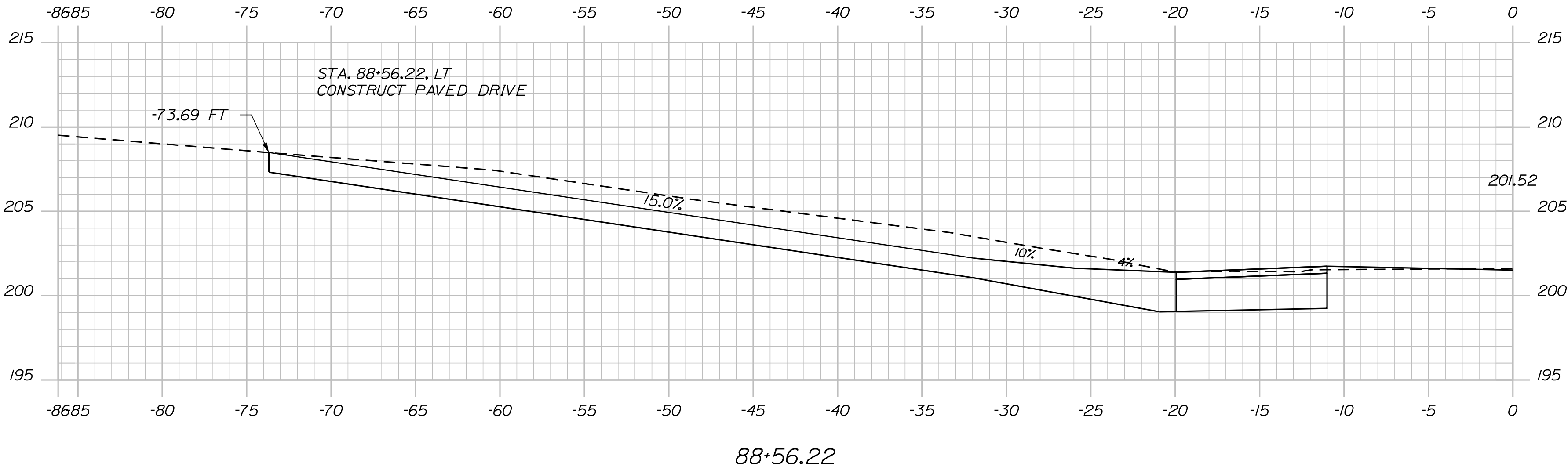
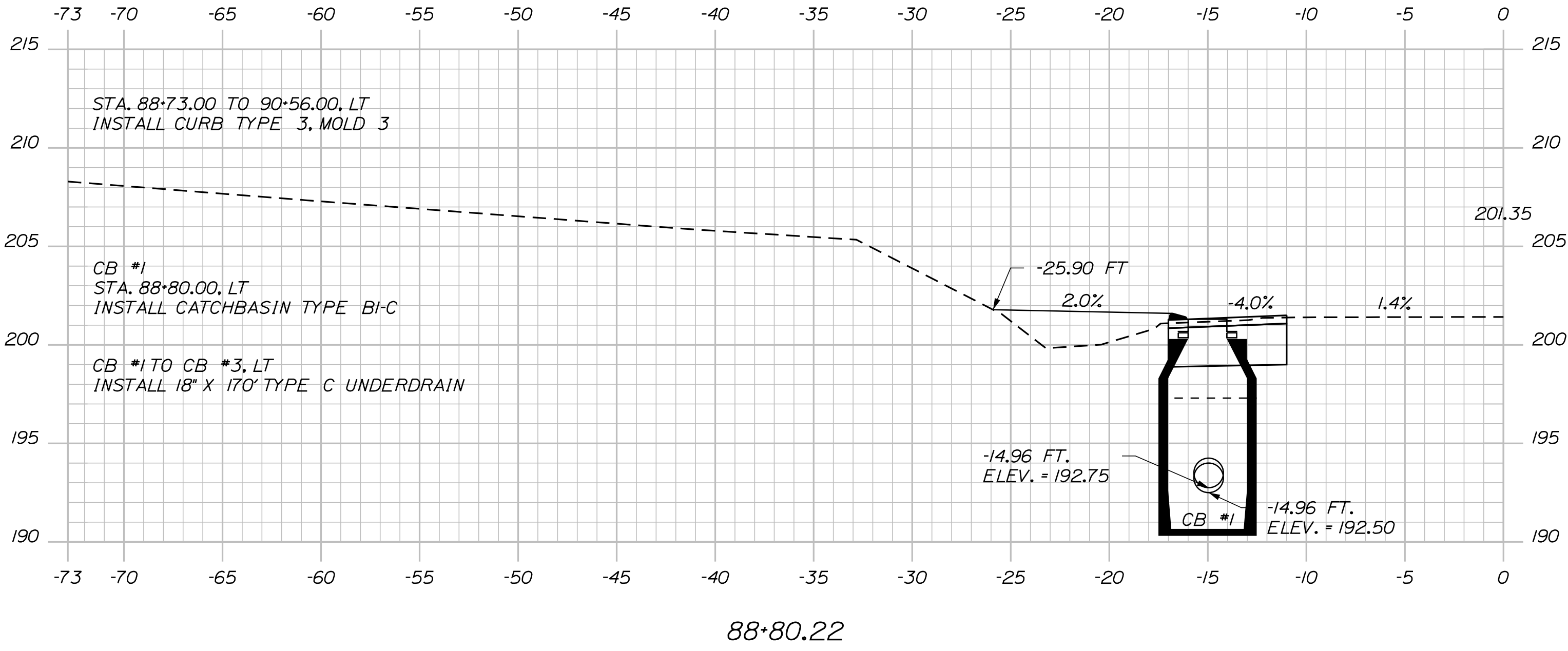
CAMDEN
ROUTE 1
CROSS SECTIONS

Date:1/21/2020

Username: notasha.m.collins

Division: HIGHWAY

Filename: ... \MSTAO38_XSECT_88+50_013.dgn



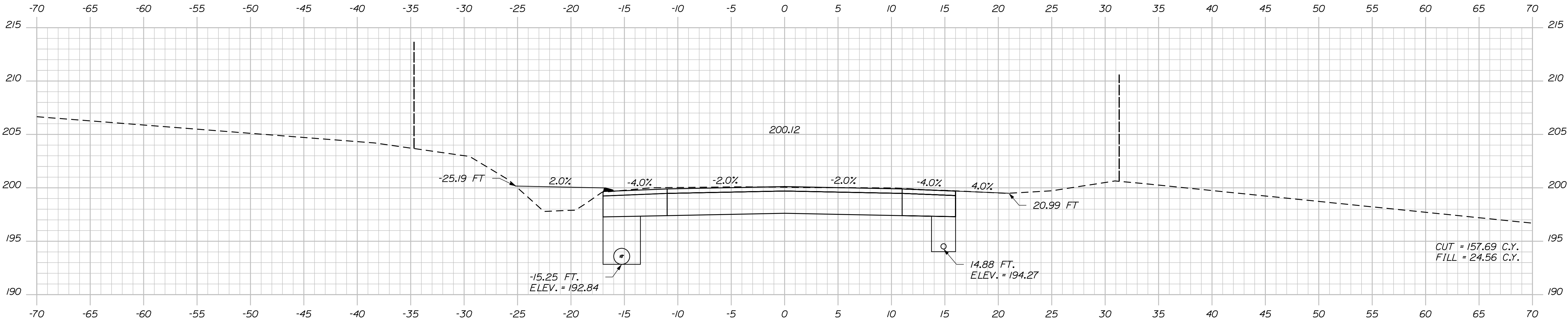
STATE OF MAINE DEPARTMENT OF TRANSPORTATION	NH-1828(300)		WIN 18283.00	HIGHWAY PLANS
CAMDEN ROUTE 1 CROSS SECTIONS	PROJ. MANAGER	E. MARTIN	BY	J. HARDEN
	CHECKED-REVIEWED	N. COLLINS	DATE	FEB 2020
	DESIGN-DETAILED	C. RUSSELL	SIGNATURE	
	REVISIONS 1		P.E. NUMBER	
SHEET NUMBER 38 OF 163	REVISIONS 2		DATE	
	REVISIONS 3			
	REVISIONS 4			
	FIELD CHANGES			

Date:1/21/2020

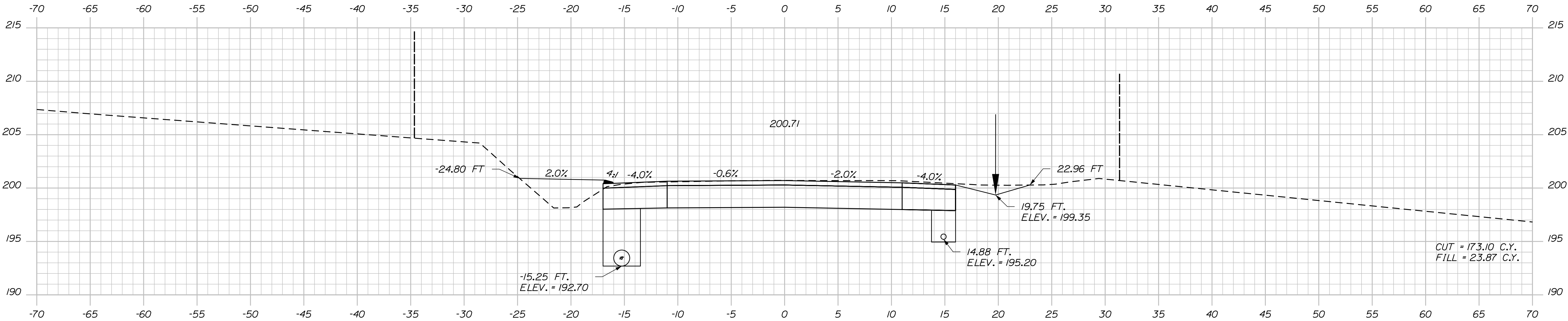
Username: notasha.m.collins

Division: HIGHWAY

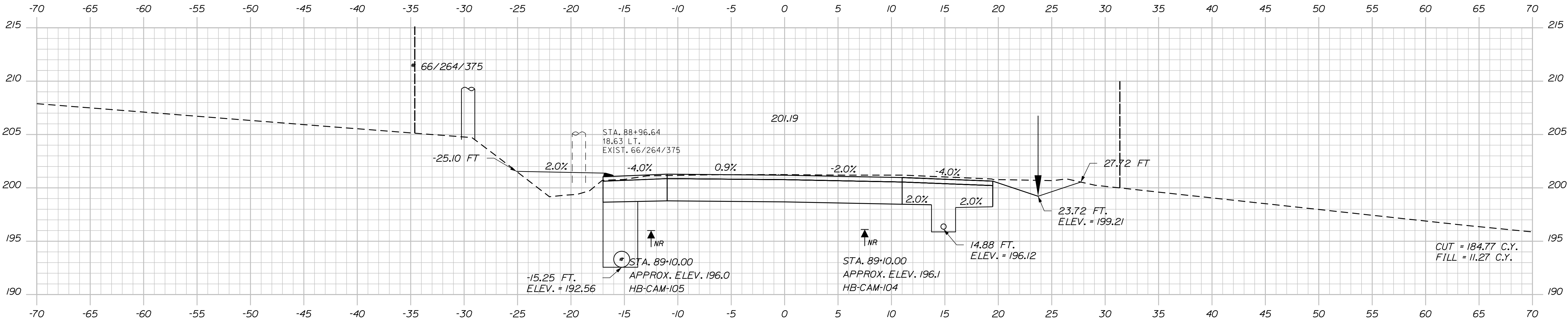
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90+00.00



89+50.00



89+00.00

PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
E. MARTIN	J. HARDEN	FEB 2020			
CHECKED-REVIEWED	N. COLLINS				
DESIGN-DETAILED	C. RUSSELL				
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

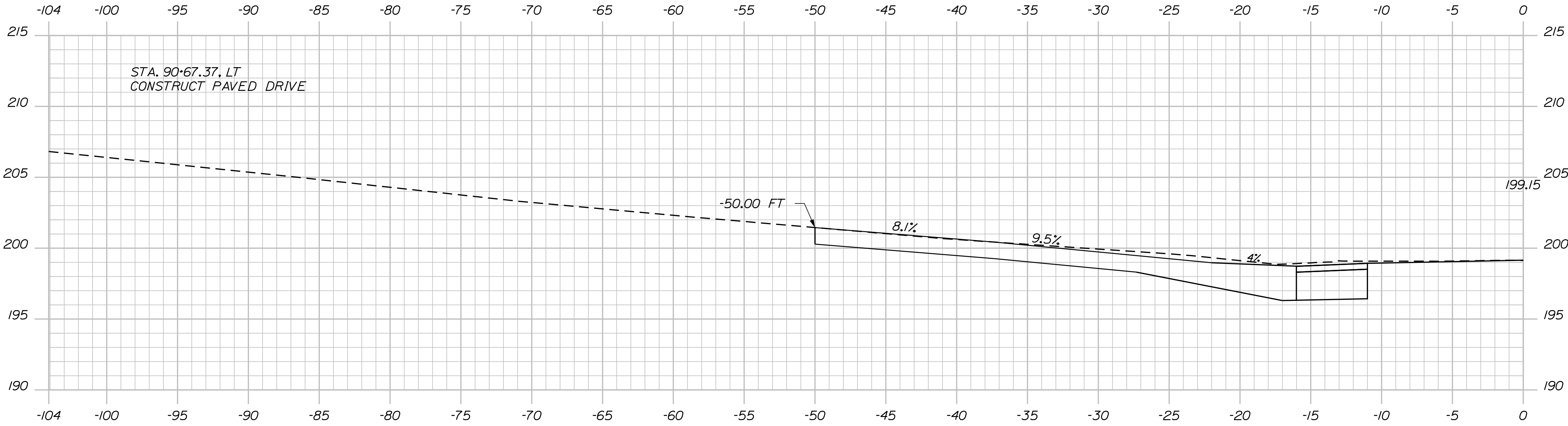
CAMDEN
 ROUTE 1
 CROSS SECTIONS

Date:1/21/2020

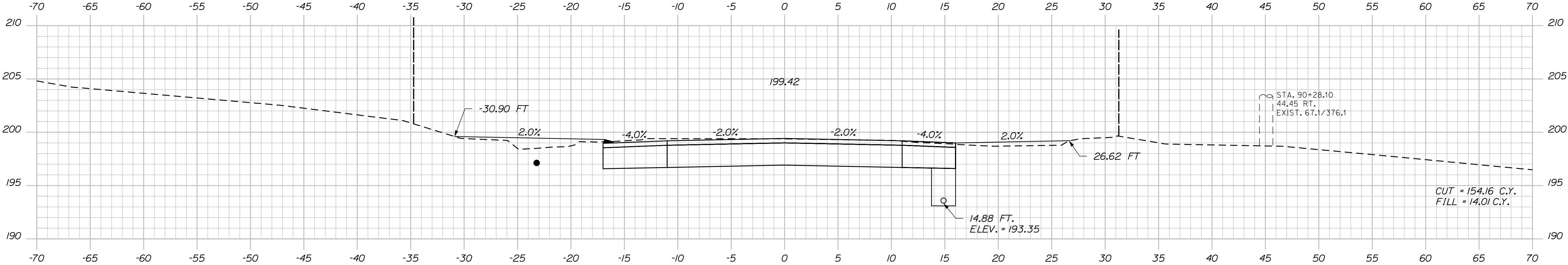
Username: notasha.m.collins

Division: HIGHWAY

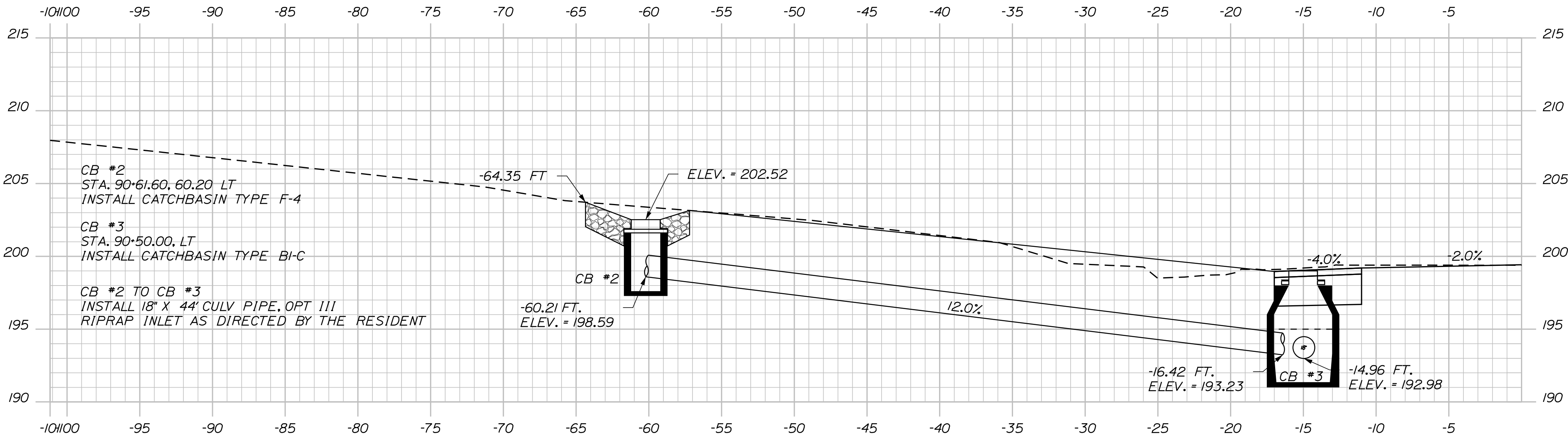
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90+67.37



90+50.00



90+49.87

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN 18283.00
HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	
CHECKED-DETAILED	N. COLLINS			SIGNATURE	
DESIGN-REVIEWED	C. RUSSELL			P.E. NUMBER	
DESIGN-DETAILED				DATE	
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REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

CAMDEN ROUTE 1
CROSS SECTIONS

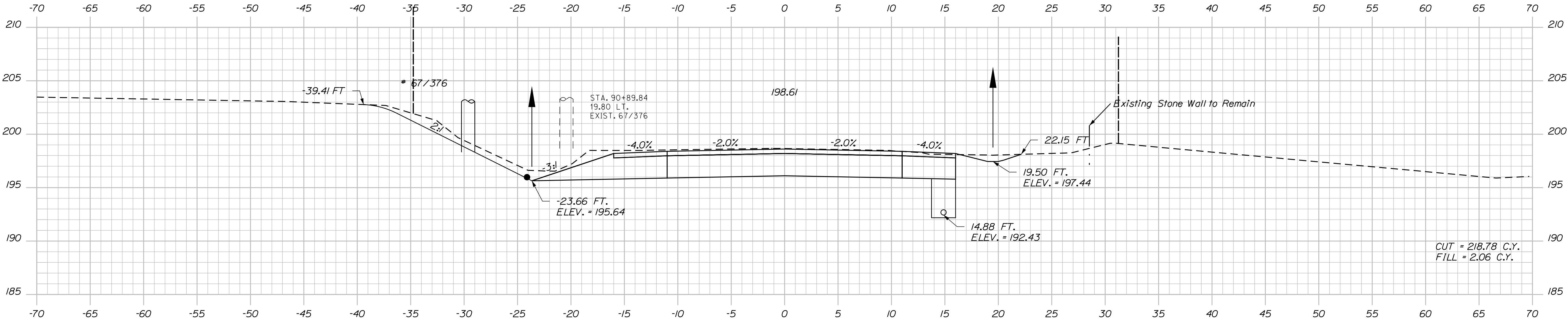
SHEET NUMBER
40
OF 163

Username: notasha.m.collins

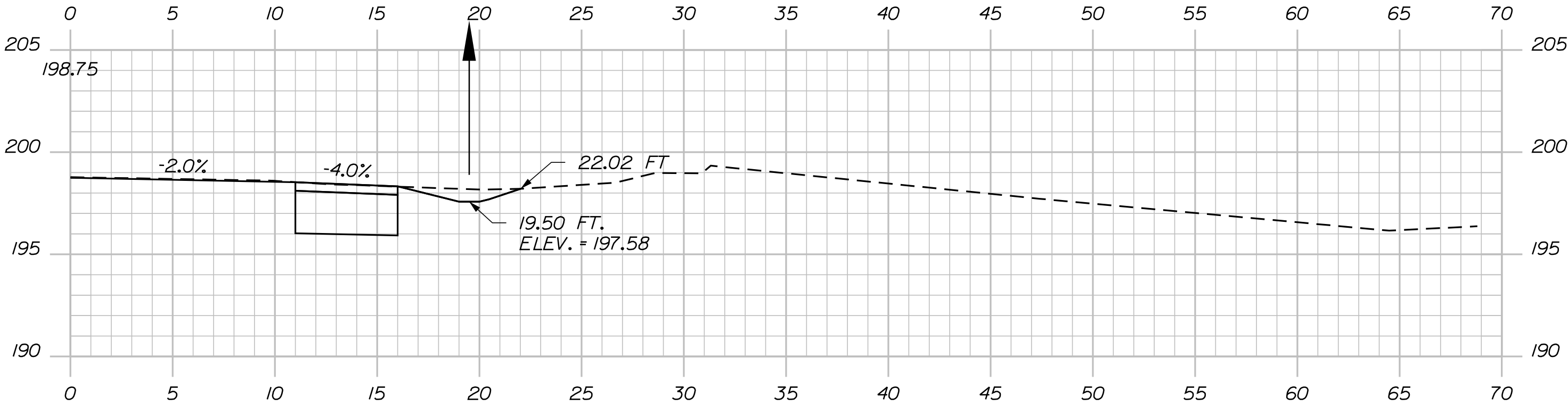
Date:1/21/2020

Division: HIGHWAY

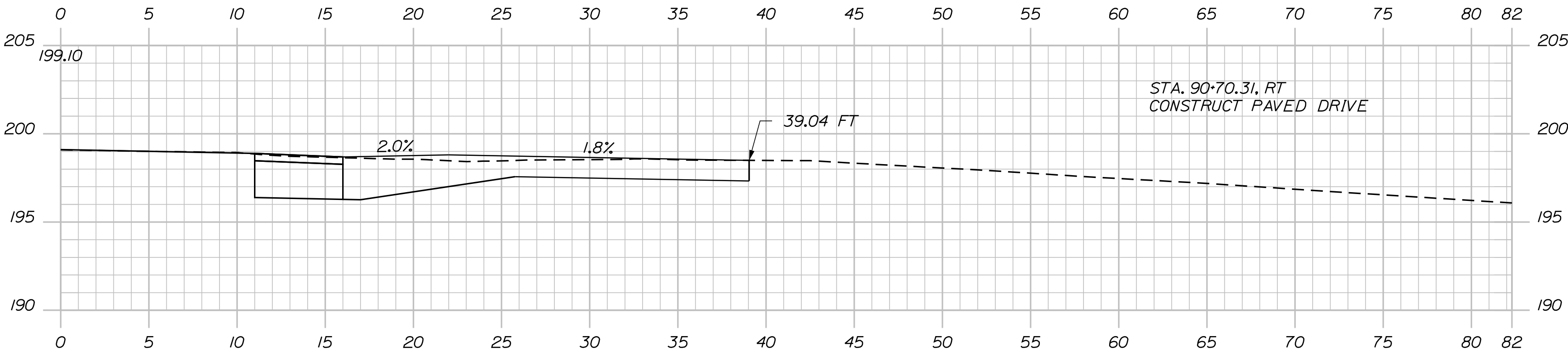
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91+00.00



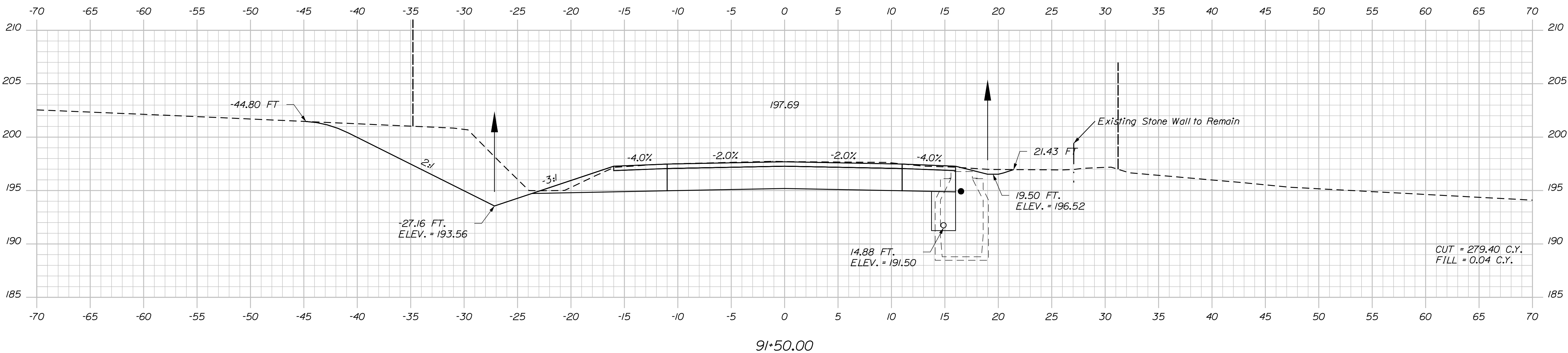
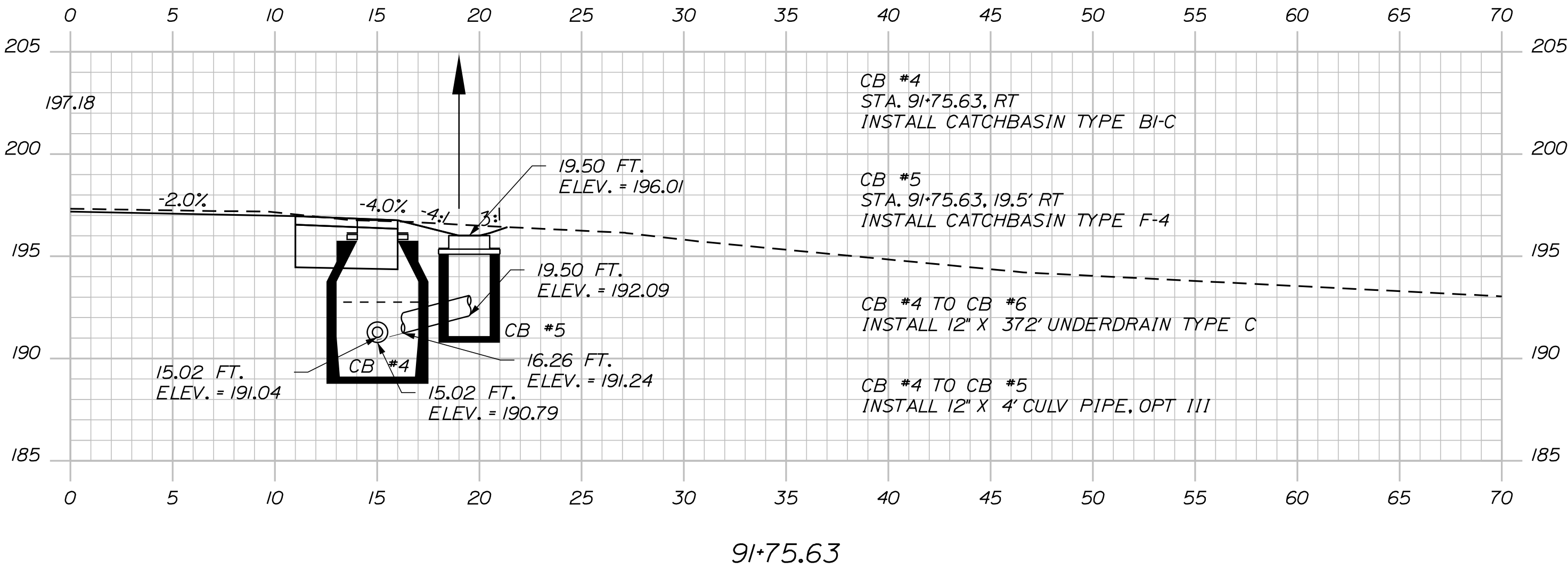
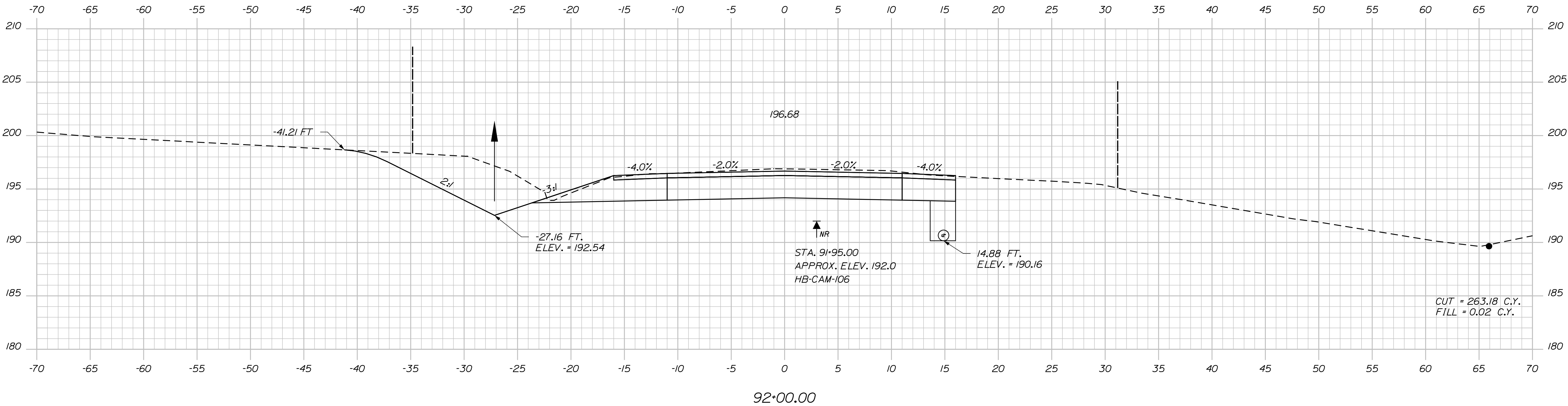
90+92.14



90+70.31

DATE	BY	PROJ. MANAGER
	E. MARTIN	
	J. HARDEN	
	N. COLLINS	
	C. RUSSELL	
	T. WHITE	
	FEB 2020	
	SIGNATURE	
	P.E. NUMBER	
	DATE	

CAMDEN ROUTE 1	CROSS SECTIONS
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PROJ. MANAGER	CHECKED-REVIEWED	DESIGN-DETAILED	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
E. MARTIN	N. COLLINS	J. HARDEN			FEB 2020			
DESIGN-DETAILED	C. RUSSELL	T. WHITE						
REVISIONS 1								
REVISIONS 2								
REVISIONS 3								
REVISIONS 4								
FIELD CHANGES								

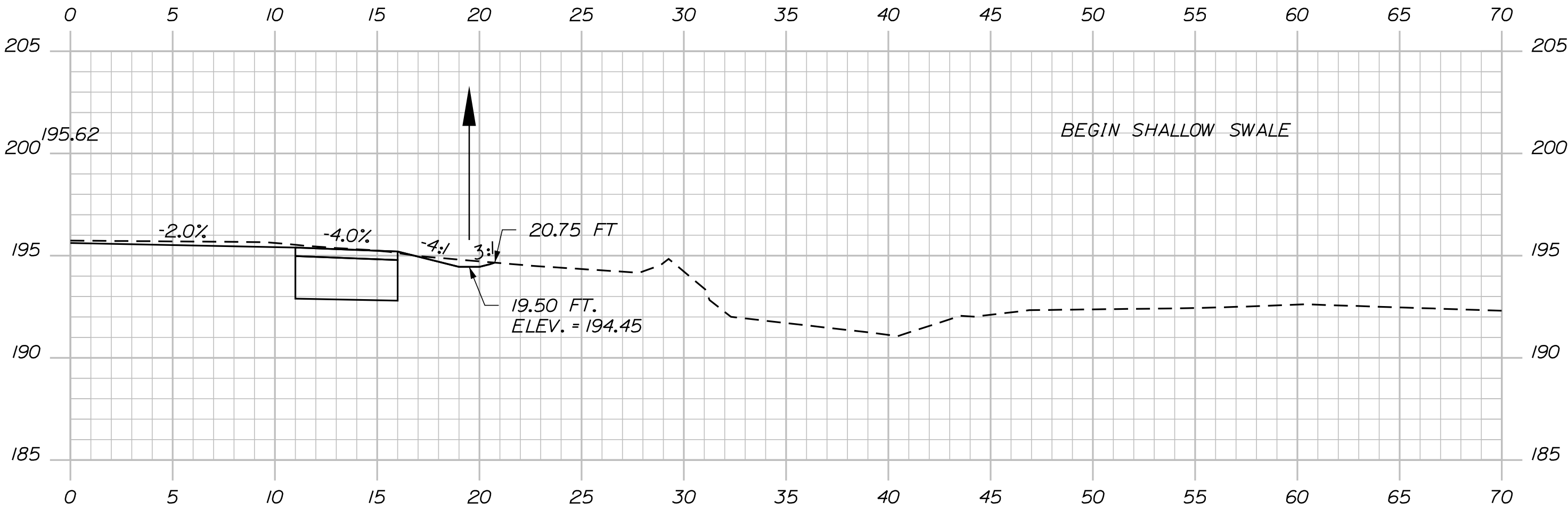
CAMDEN
ROUTE 1
CROSS SECTIONS

Username: notasha.m.collins

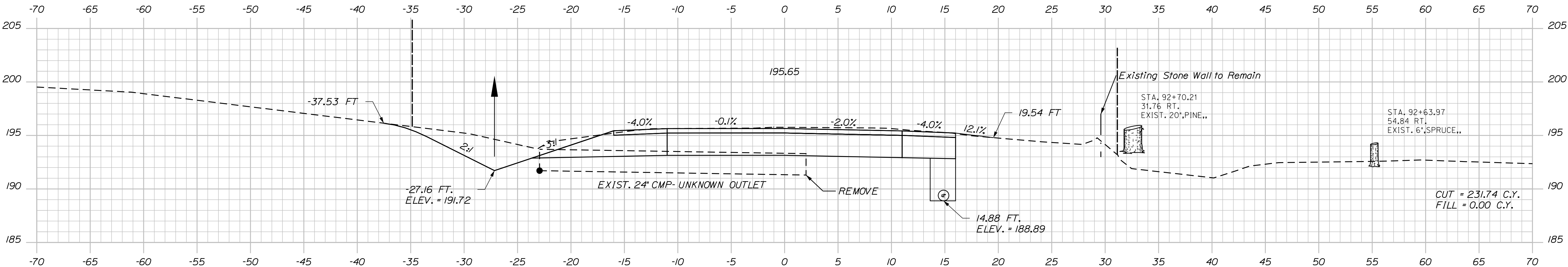
Date:1/21/2020

Division: HIGHWAY

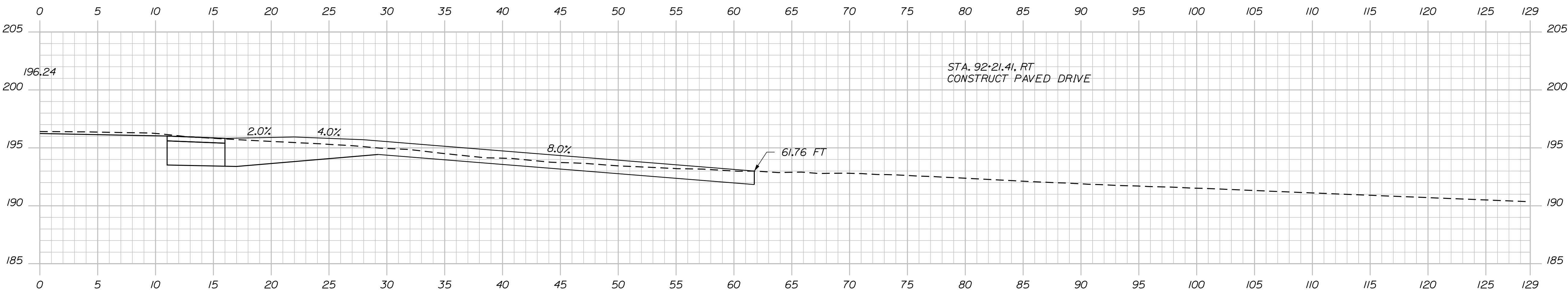
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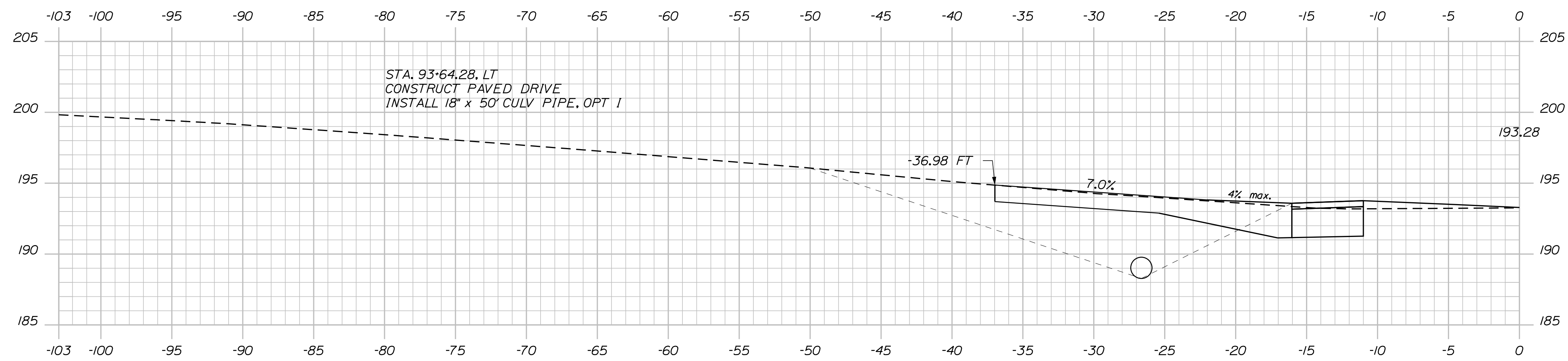
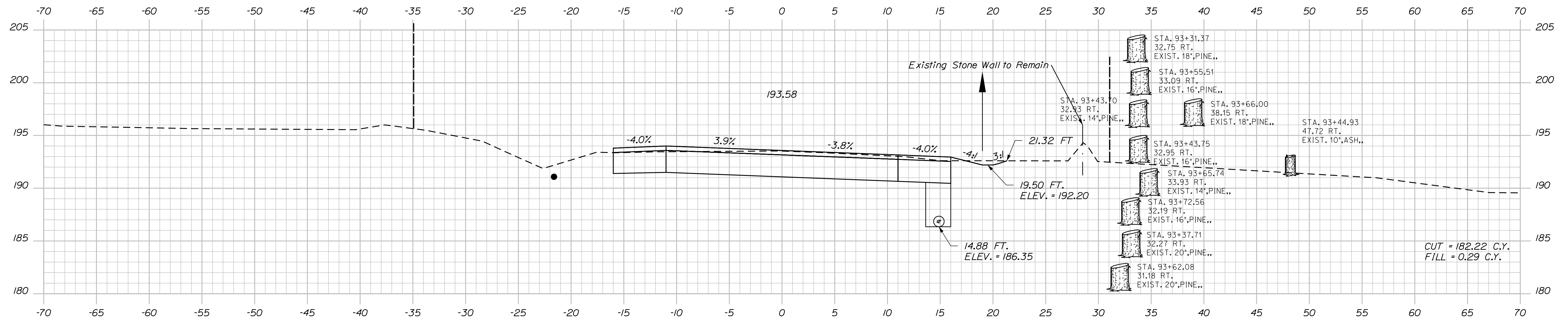


92+50.00

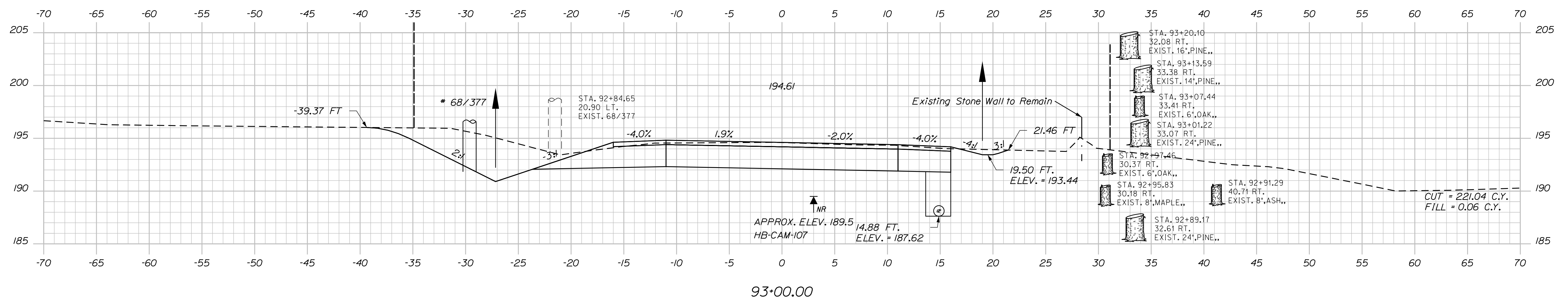


92+21.41

PROJ. MANAGER	BY	DATE
E. MARTIN	J. HARDEN	FEB 2020
CHECKED-REVIEWED	SIGNATURE	
N. COLLINS	T. WHITE	
DESIGN-DETAILED	P.E. NUMBER	
C. RUSSELL		
REVISIONS	DATE	
1		
2		
3		
4		
FIELD CHANGES		

 $93+64.28$ 

93+50.00



93+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN
18283.00
HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE _____

CAMDEN
ROUTE 1

CROSS SECTIONS

SHEET NUMBER

44

F 163

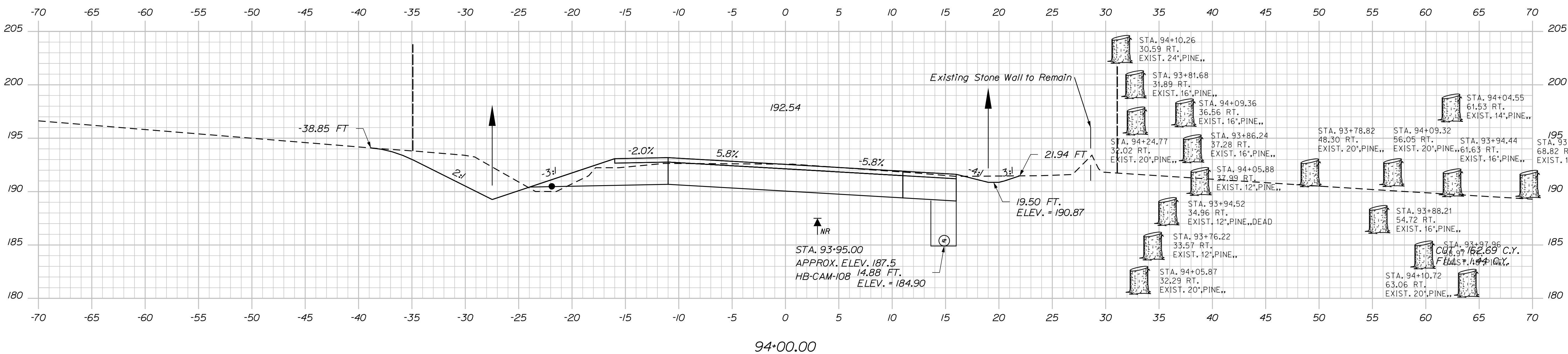
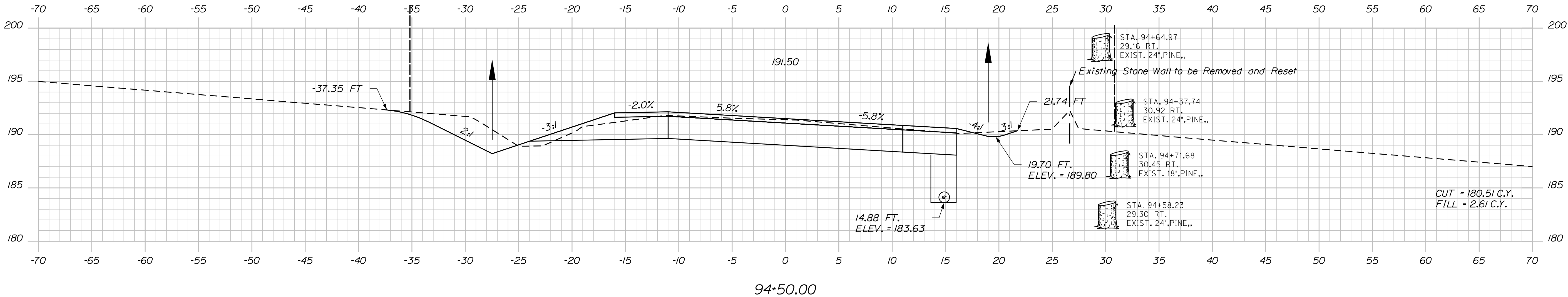
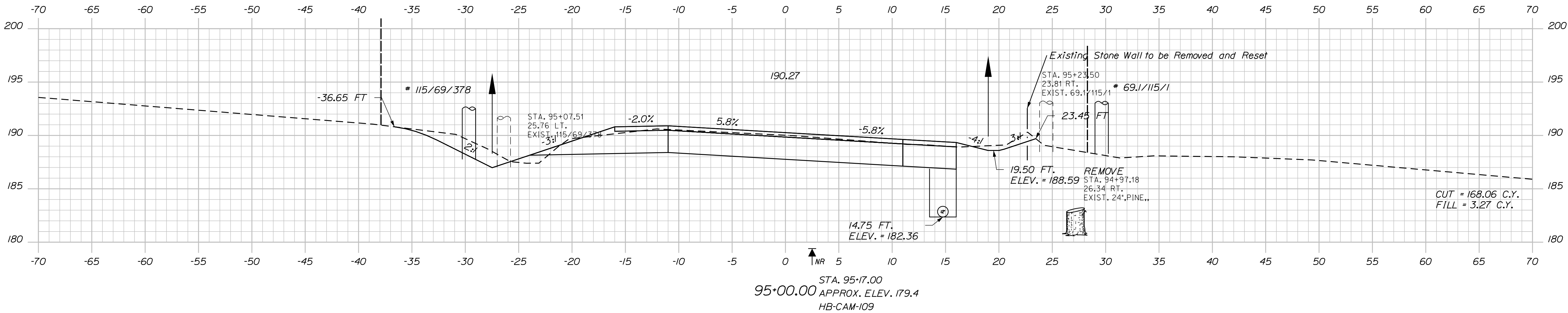
Sta. 93+00.00 to Sta. 93+64.28

Date:1/21/2020

Username: notasha.m.collins

Division: HIGHWAY

Filename: ... \MSTAO45_XSECT_94+00_020.dgn



PROJ. MANAGER	CHECKED	DESIGNED	DATE	SIGNATURE	P.E. NUMBER	DATE
E. MARTIN	N. COLLINS	T. WHITE	FEB 2020			

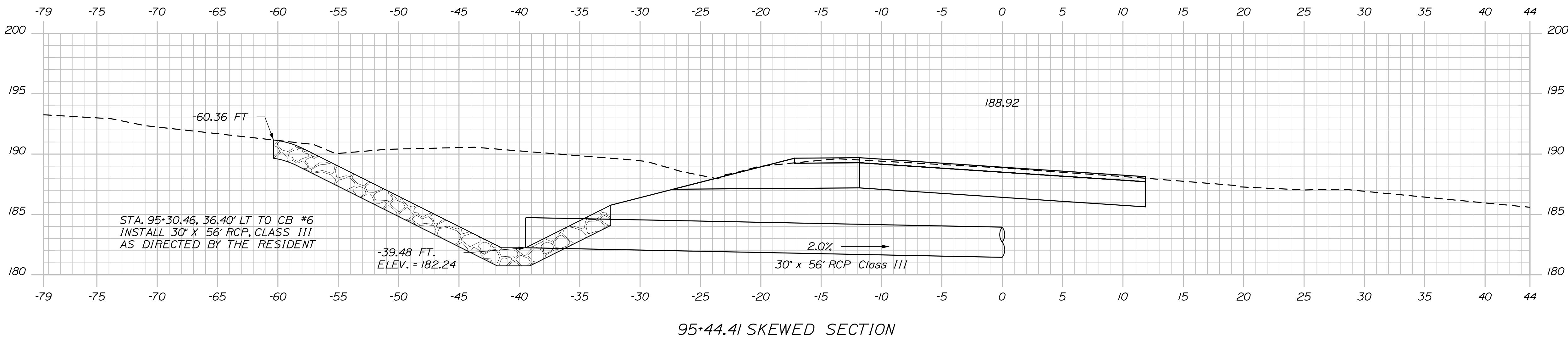
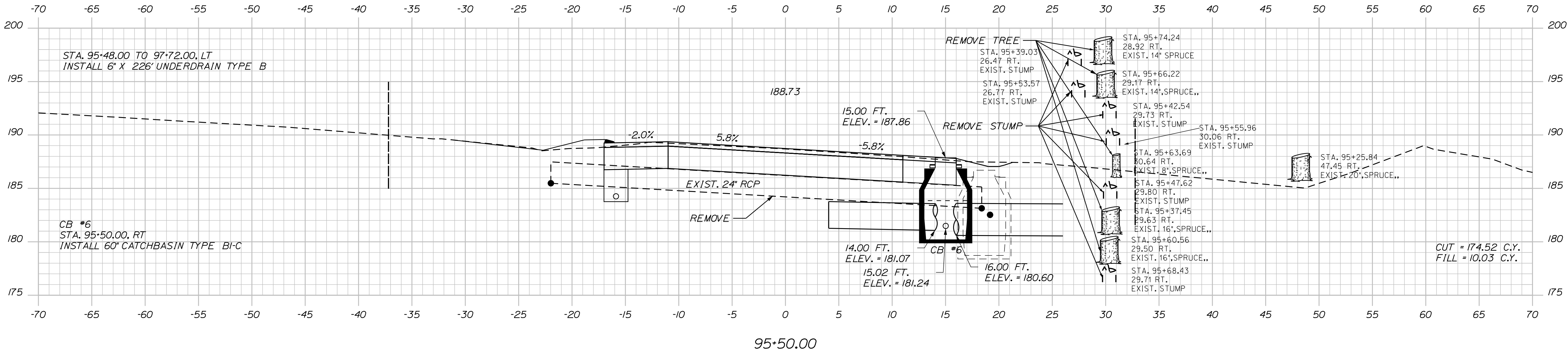
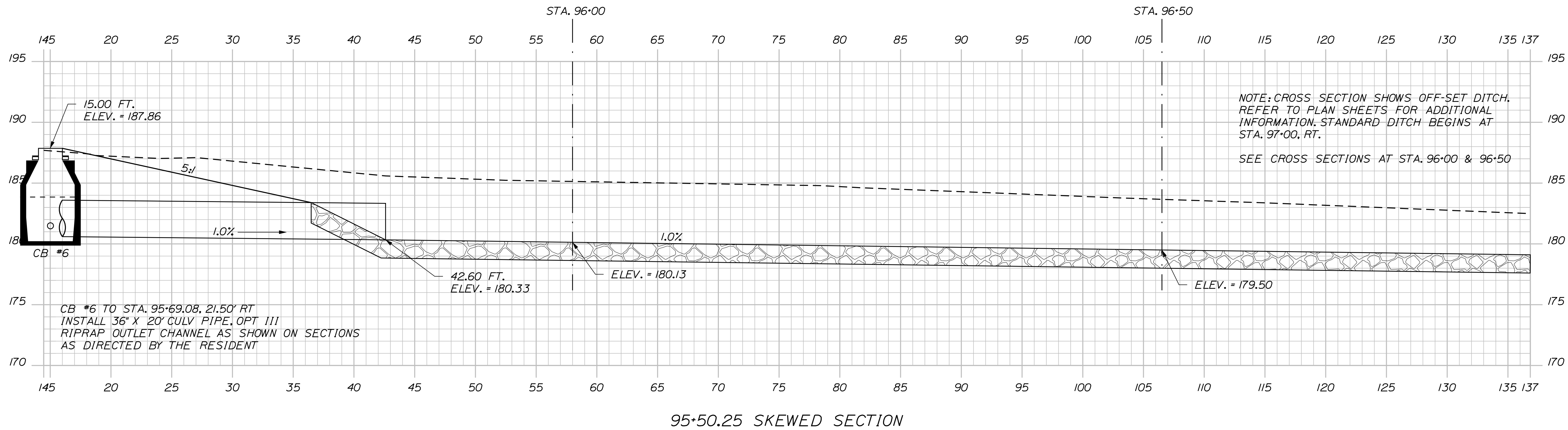
CAMDEN
ROUTE 1
CROSS SECTIONS

Date:1/21/2020

Username: notasha.m.collins

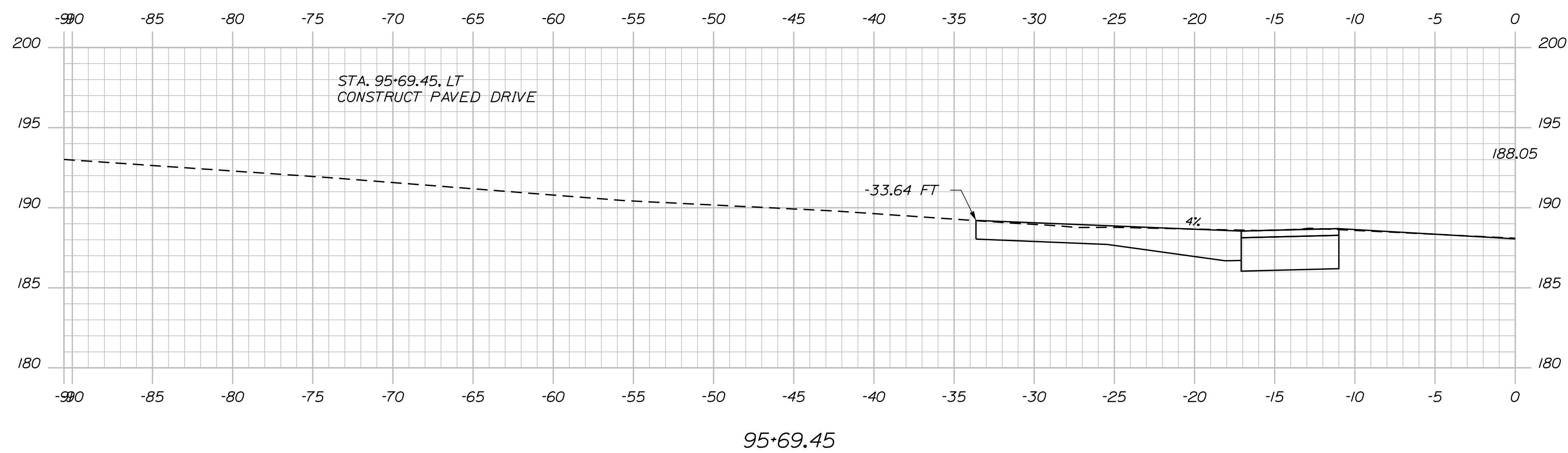
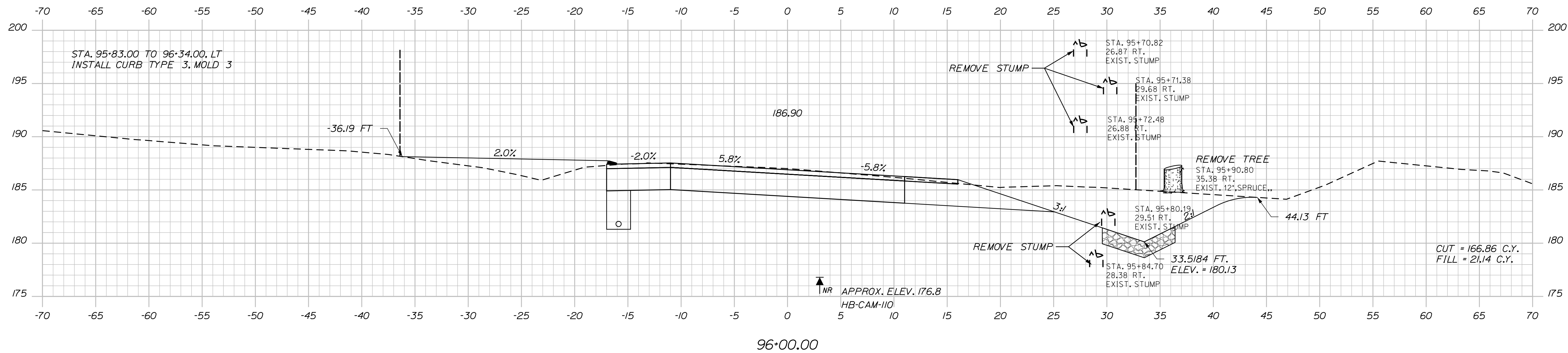
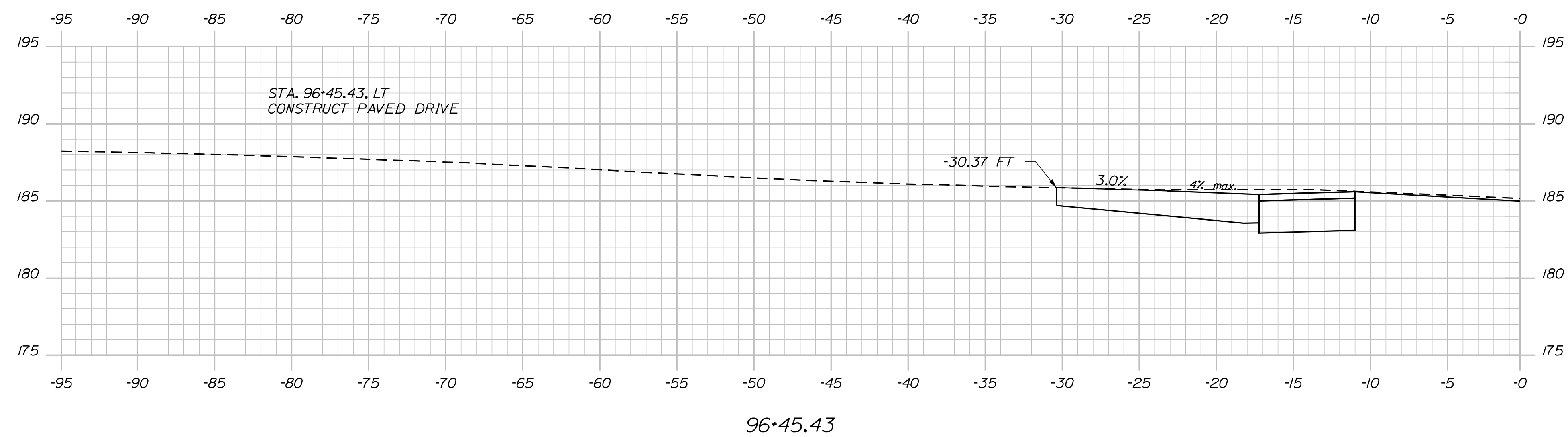
Division: HIGHWAY

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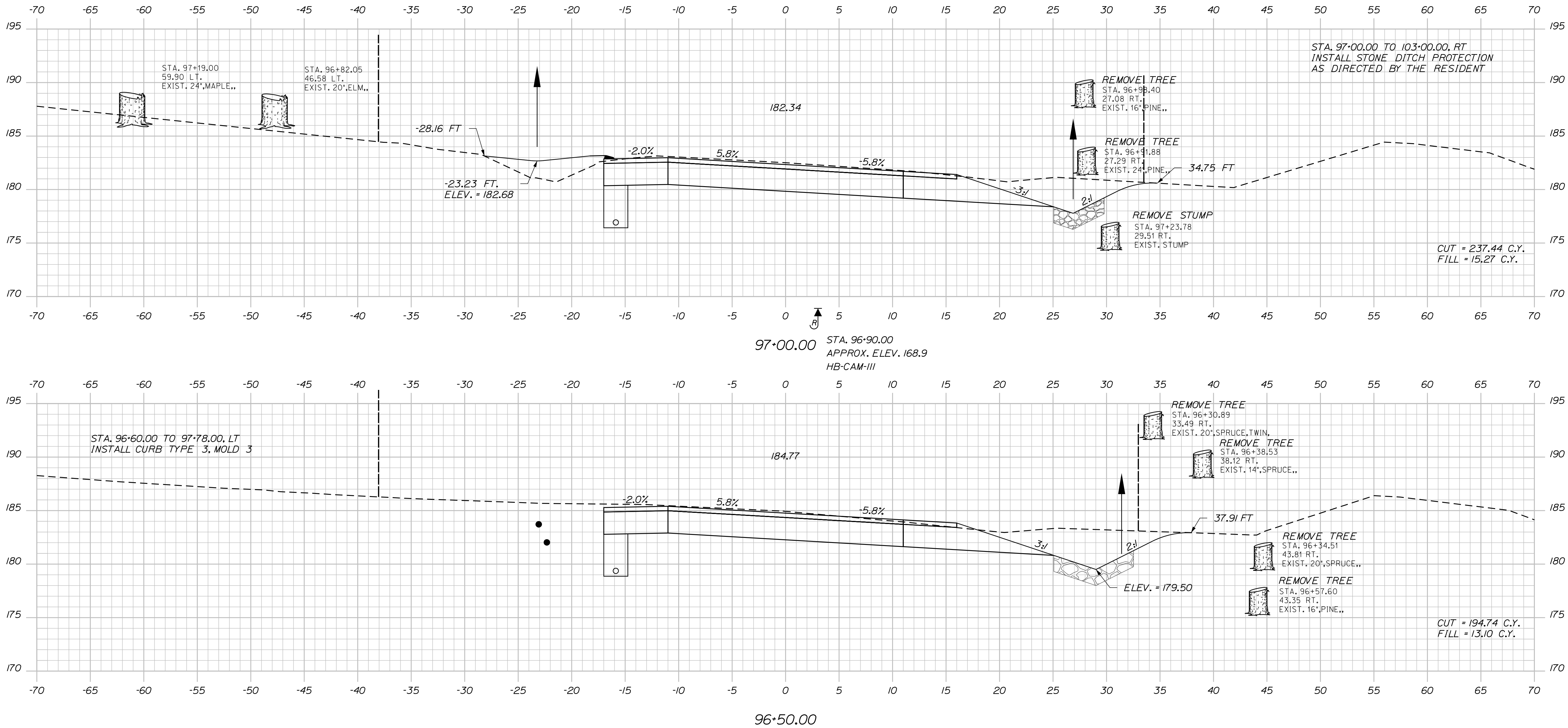
DATE	BY	PROJ. MANAGER	CHECKED-REVIEWED	DESIGN-DETAILED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
	J. HARDEN	E. MARTIN	N. COLLINS	T. WHITE	C. RUSSELL					
SIGNATURE										
P.E. NUMBER										
DATE										

CAMDEN
ROUTE 1
CROSS SECTIONS



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
NH-1828(300)	
WIN	HIGHWAY PLANS
18283.00	

PROJ. MANAGER	E. MARTIN	BY	DATE	
CHECKED	N. COLLINS	J. HARGEN		
DESIGN-REVIEWED				
DESIGN-DETAILS	C. RUSSELL	T. WHITE	FEB 2020	SIGNATURE
DESIGNS OF TALENTS				
REVISIONS 1				P.E. NUMBER
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				DATE
FIELD CHANGES				



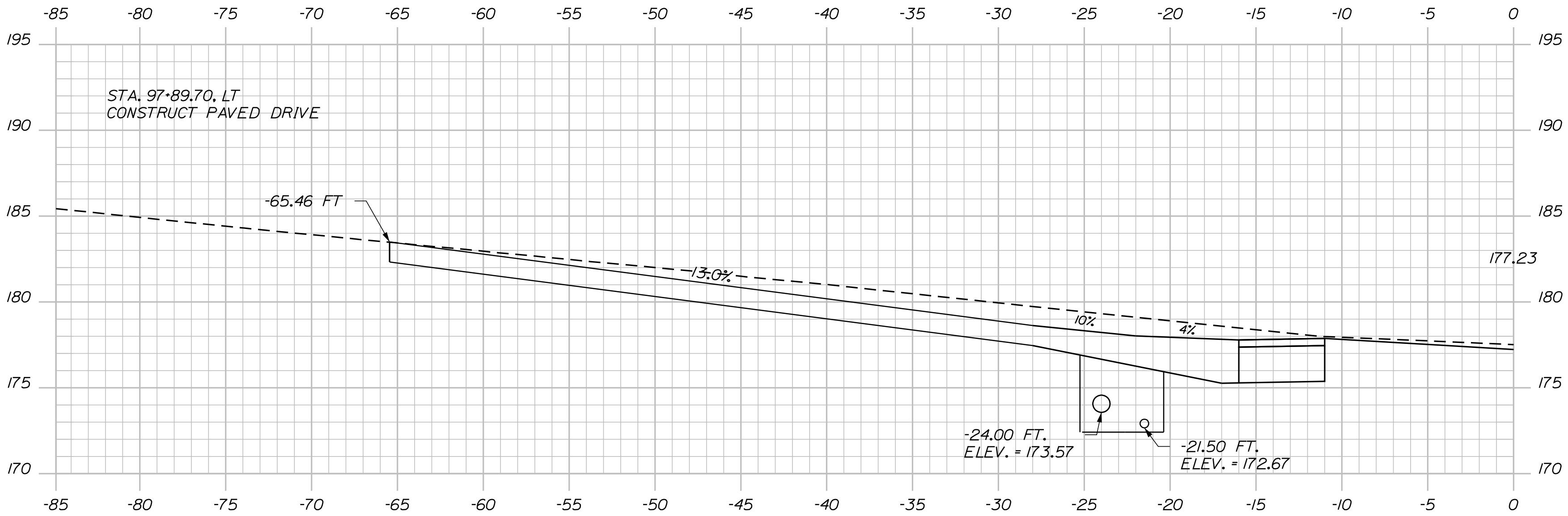
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		NH-1828(300)		WIN 18283.00 HIGHWAY PLANS	
CAMDEN ROUTE 1		CROSS SECTIONS		SHEET NUMBER 48 OF 163	
PROJ. MANAGER		E. MARTIN		BY	
DESIGN-DETAILED		N. COLLINS		J. HARDEN	
CHECKED-REVIEWED		C. RUSSELL		T. WHITE	
DESIGN-DETAILED		DESIGN-DETAILED		DESIGN-DETAILED	
REVISIONS 1		REVISIONS 2		REVISIONS 3	
REVISIONS 4		REVISIONS 5		REVISIONS 6	
FIELD CHANGES		FIELD CHANGES		FIELD CHANGES	
DATE		FEB 2020		SIGNATURE	
P.E. NUMBER		DATE		DATE	

Date:1/21/2020

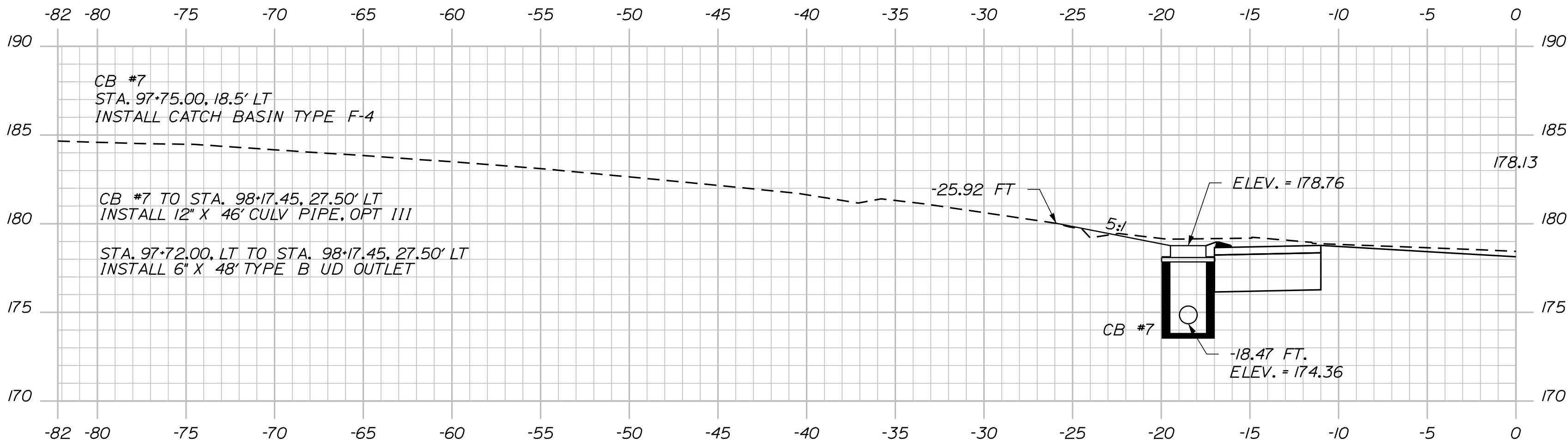
Username: notasha.m.collins

Division: HIGHWAY

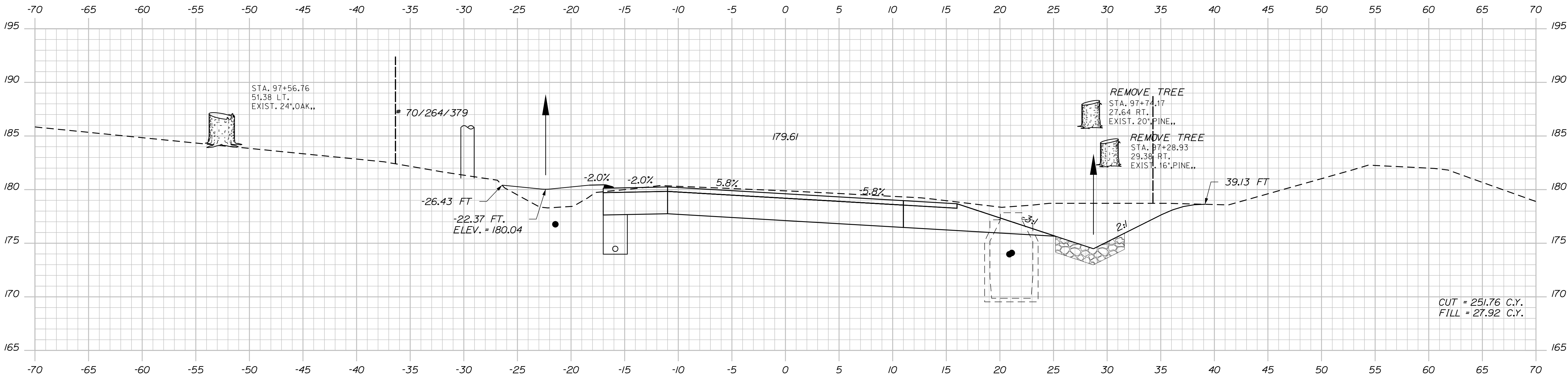
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97+89.70



97+75.01



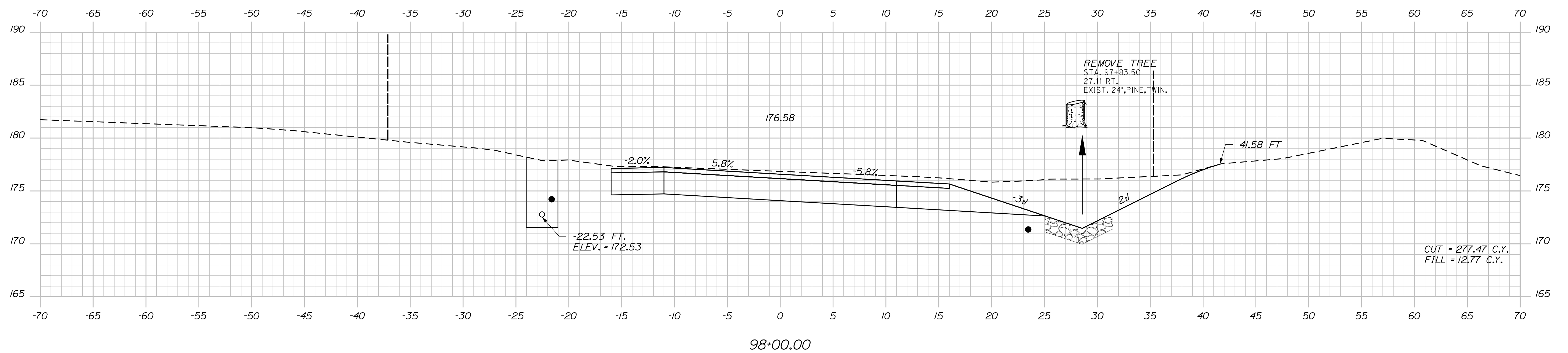
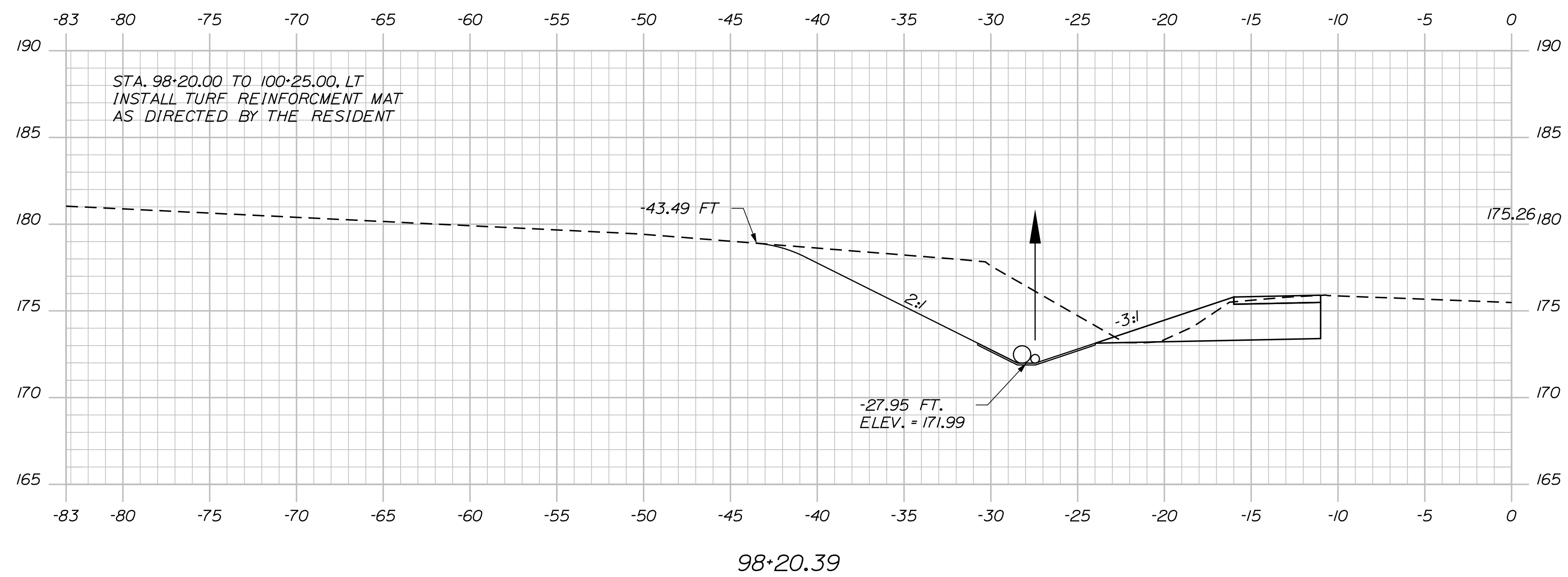
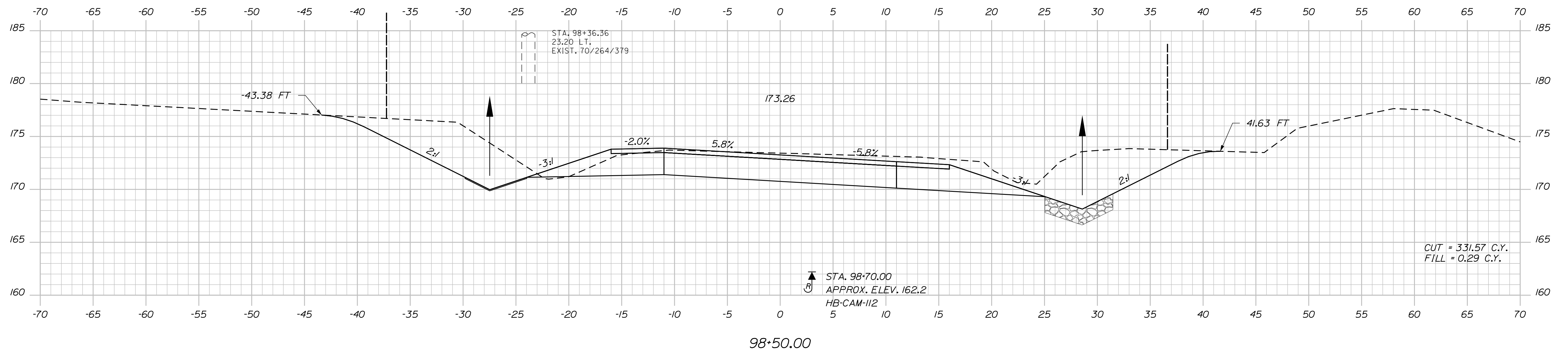
97+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN
18283.00
HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	FEB 2020
CHECKED-DETAILED	N. COLLINS	SIGNATURE			
DESIGN-DETAILED	C. RUSSELL	P.E. NUMBER			
REVISIONS 1		DATE			
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

CAMDEN ROUTE 1
CROSS SECTIONS

SHEET NUMBER
49
OF 163



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN 18283.00 HIGHWAY PLANS

[illegible]CAMDEN
ROUTE 1

CROSS SECTIONS

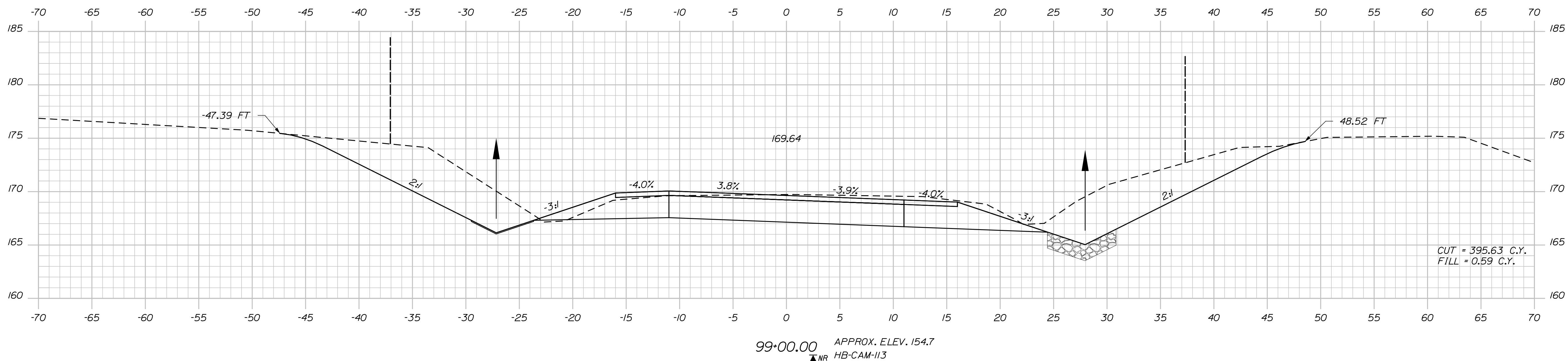
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F 163

Sta. 98+00.00 to Sta. 98+50.00

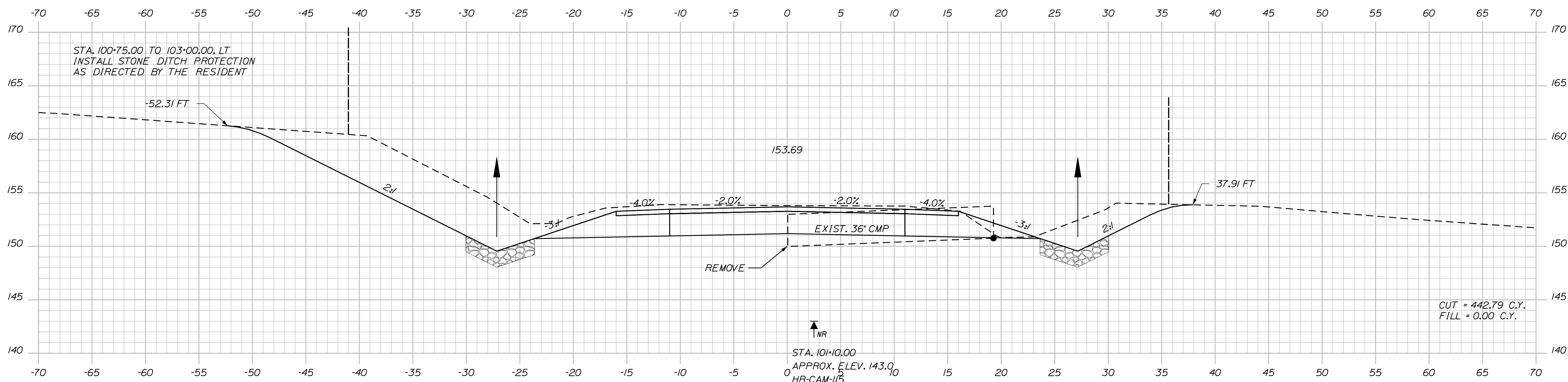
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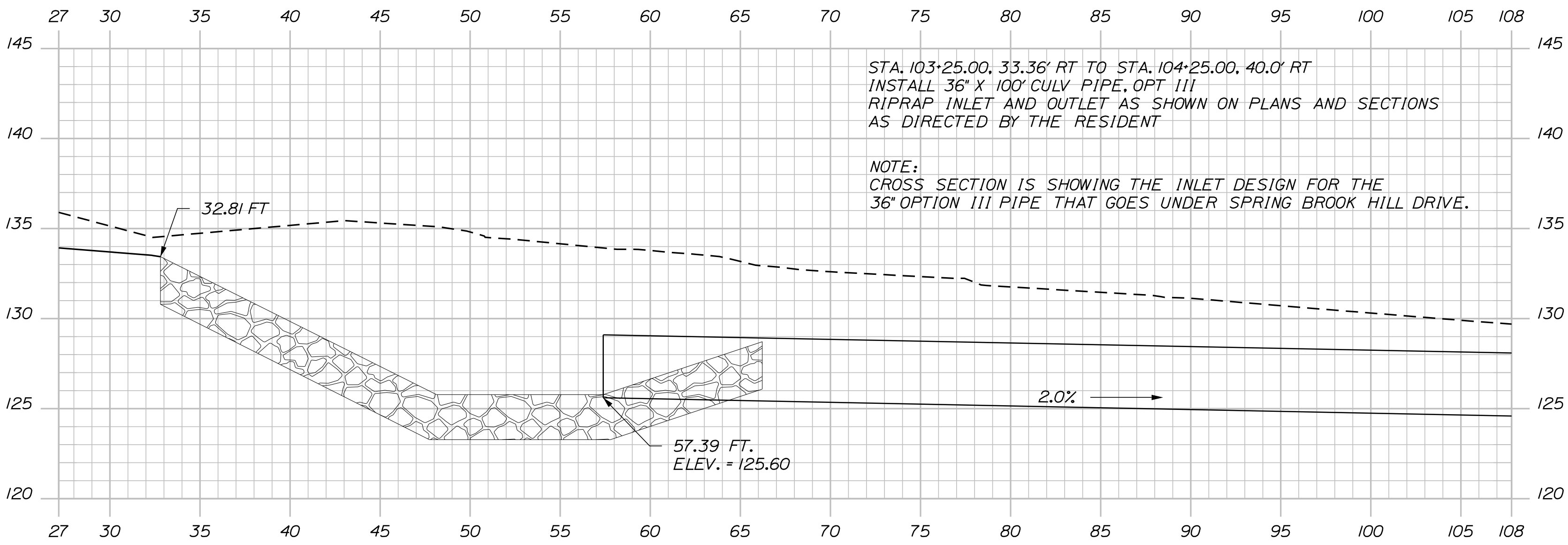


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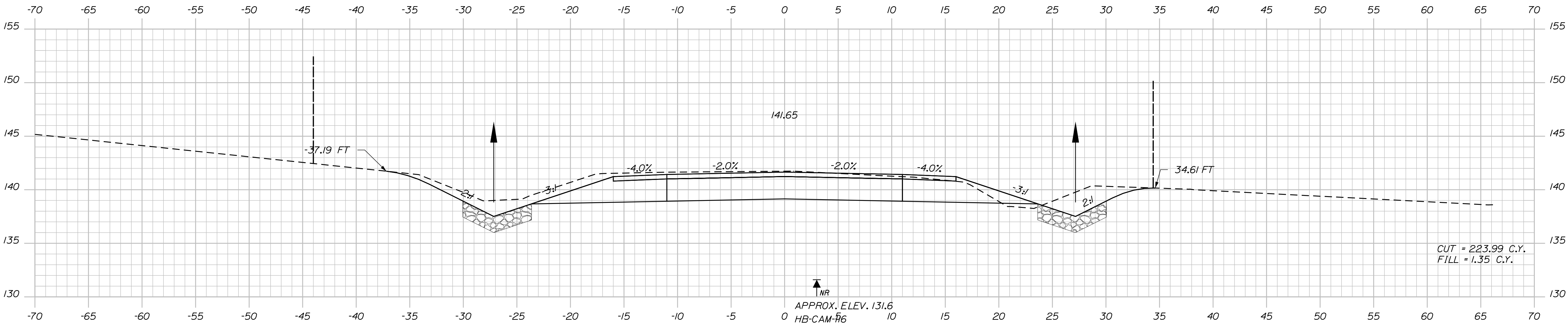
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OF 163

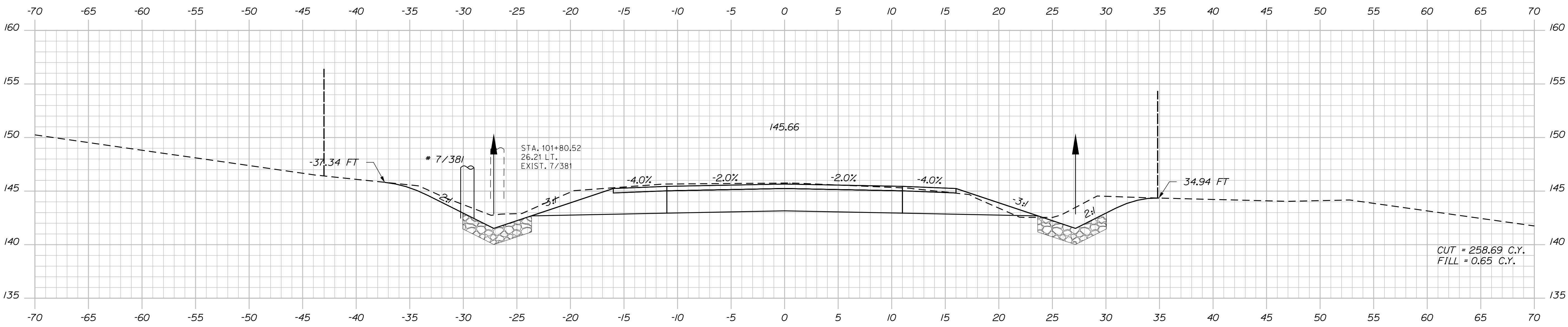




102+95.00- SKEWED SECTION



102+50.00



102+00.00

PROJ. MANAGER	BY	DATE	SIGNATURE
E. MARTIN	J. HARDEN	FEB 2020	
DESIGNED	N. COLLINS		
CHECKED	T. WHITE		
DESIGNED	C. RUSSELL		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

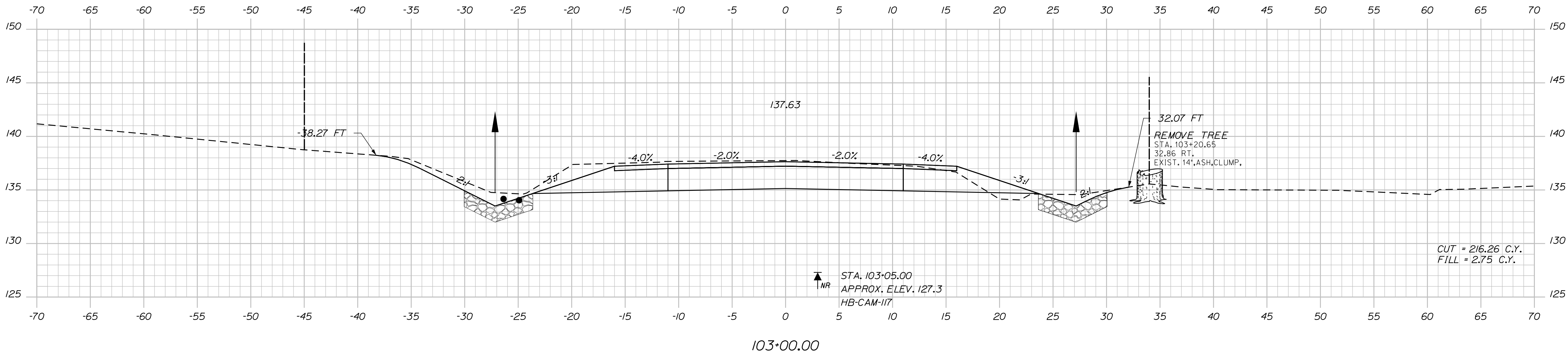
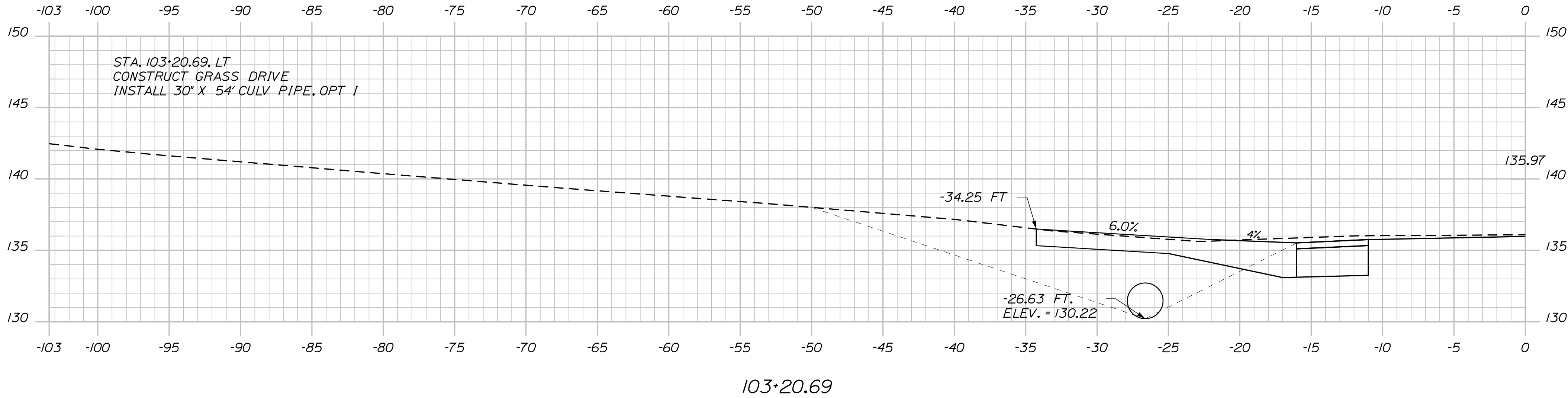
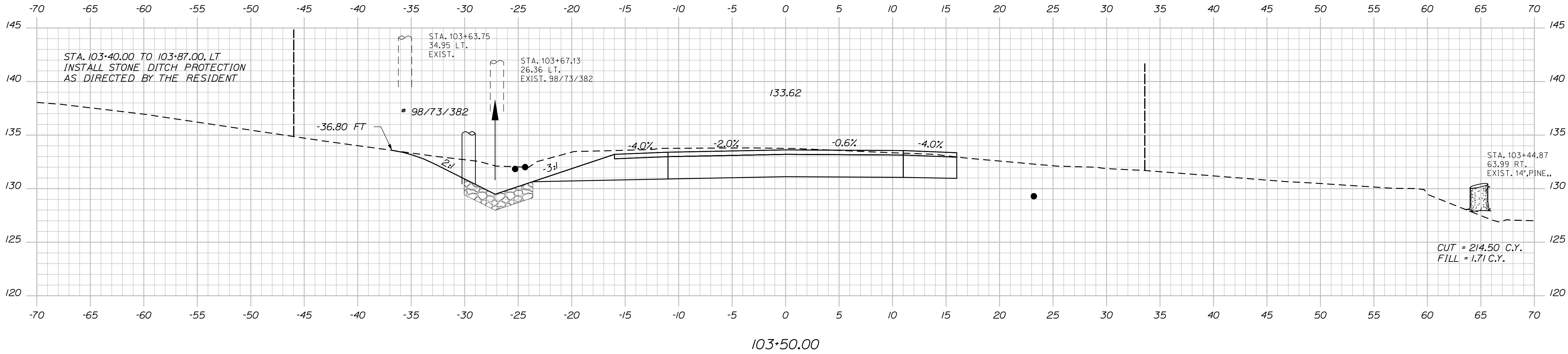
CAMDEN
ROUTE 1
CROSS SECTIONS

Date:1/21/2020

Username: notasha.m.collins

Division: HIGHWAY

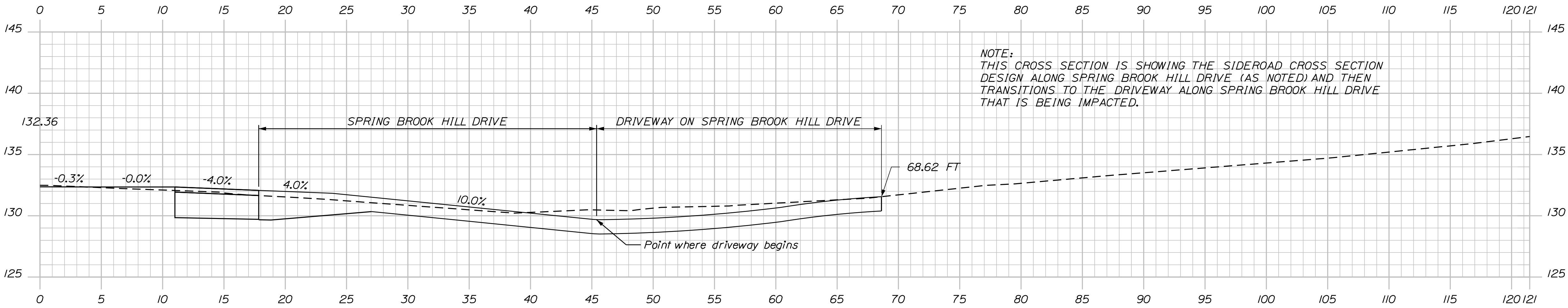
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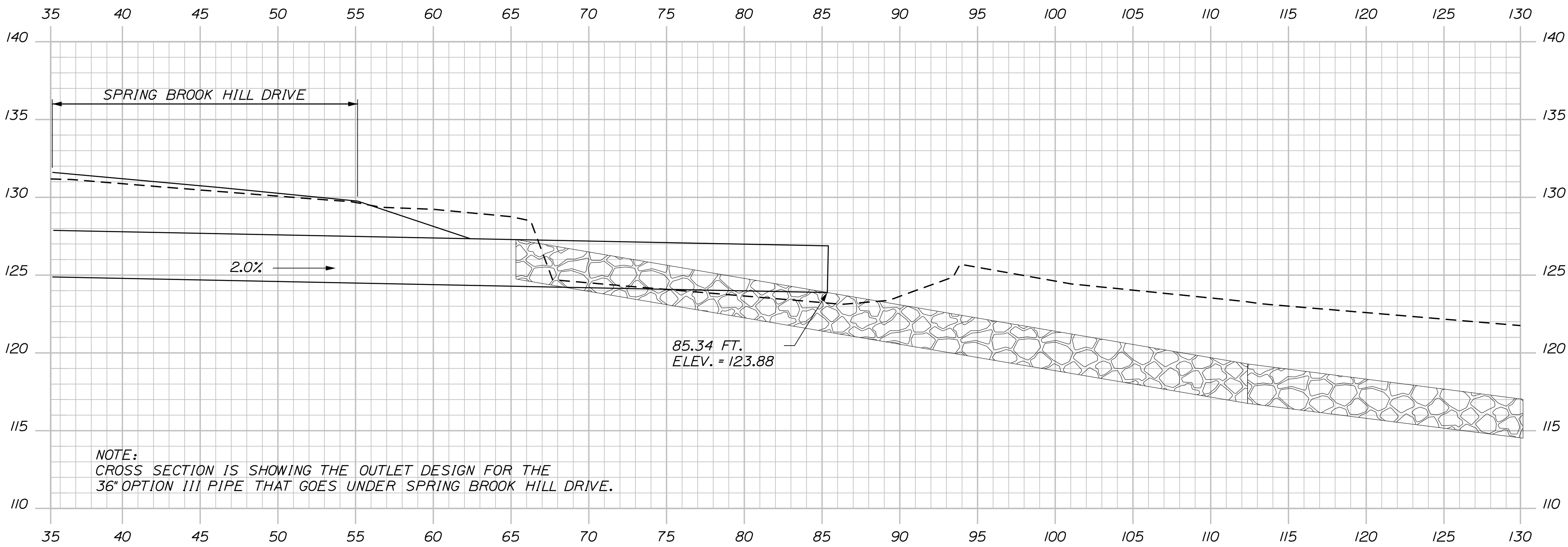
PROJ. MANAGER	BY	DATE
E. MARTIN	J. HARDEN	
CHECKED-REVIEWED	N. COLLINS	FEB 2020
DESIGN-DETAILED	C. RUSSELL	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

CAMDEN
ROUTE 1
CROSS SECTIONS



103+65.66 SKEWED SECTION



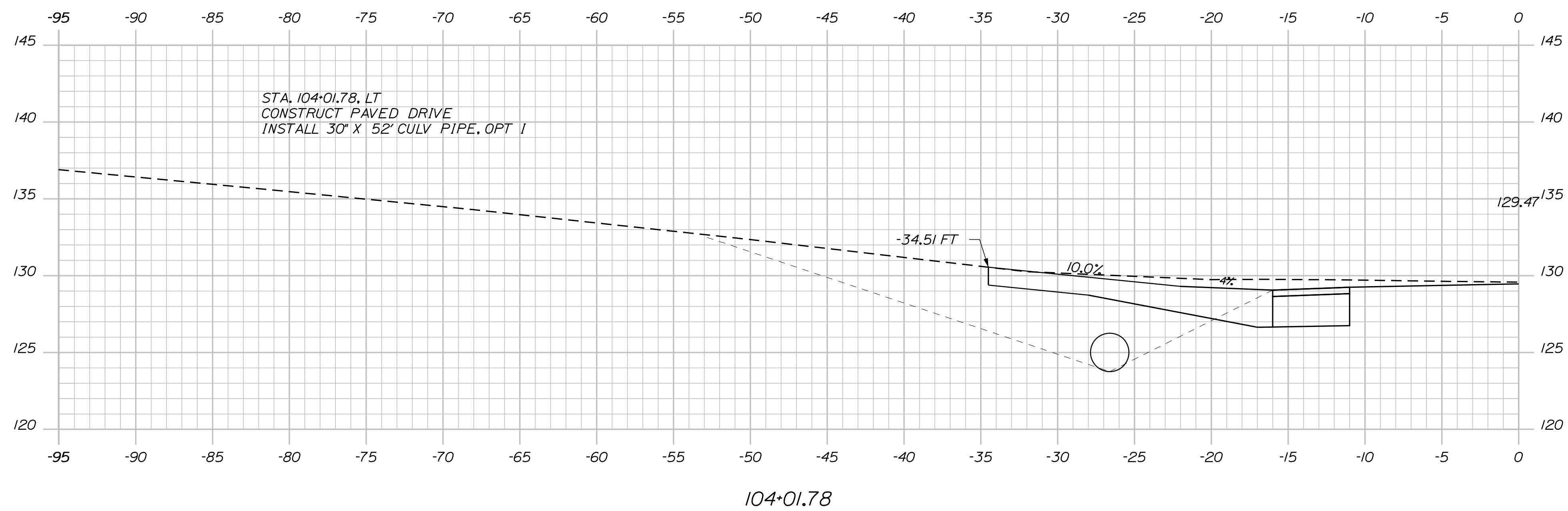
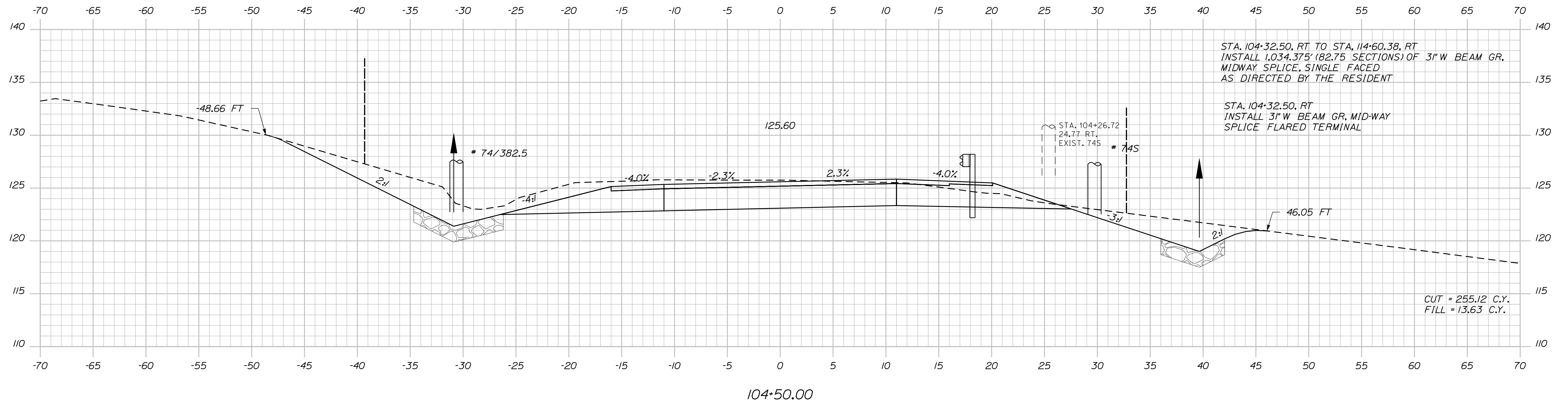
103+55.57 SKEWED SECTION

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	
DESIGN-DETAILED	N. COLLINS	CHECKED-REVIEWED	T. WHITE	SIGNATURE	
DESIGN-DETAILED	C. RUSSELL	DESIGN-DETAILED		P.E. NUMBER	
REVISIONS 1		REVISIONS 1		DATE	
REVISIONS 2		REVISIONS 2			
REVISIONS 3		REVISIONS 3			
REVISIONS 4		REVISIONS 4			
FIELD CHANGES		FIELD CHANGES			

CAMDEN

ROUTE 1

CROSS SECTIONS



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)

18283.00 HIGHWAY PLANS

DESIGN-DET AILED	N. COLLINS	J. HARDEN
CHECKED-REVIEWED		
DESIGNZ-DT AILED D2	C. ROSSSELL	I. WHITE
DESIGNS-DT AILED D3		FEB 2020
REVSIONS 1		
REVSIONS 2		
REVSIONS 3		
REVSIONS 4		
FIELD CHANGES		
SIGNATURE		
P.E. NUMBER		
DATE		

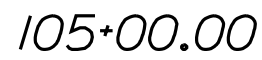
CAMDEN
ROUTE 1

CROSS SECTIONS

SHEET NUMBER

58

F 163



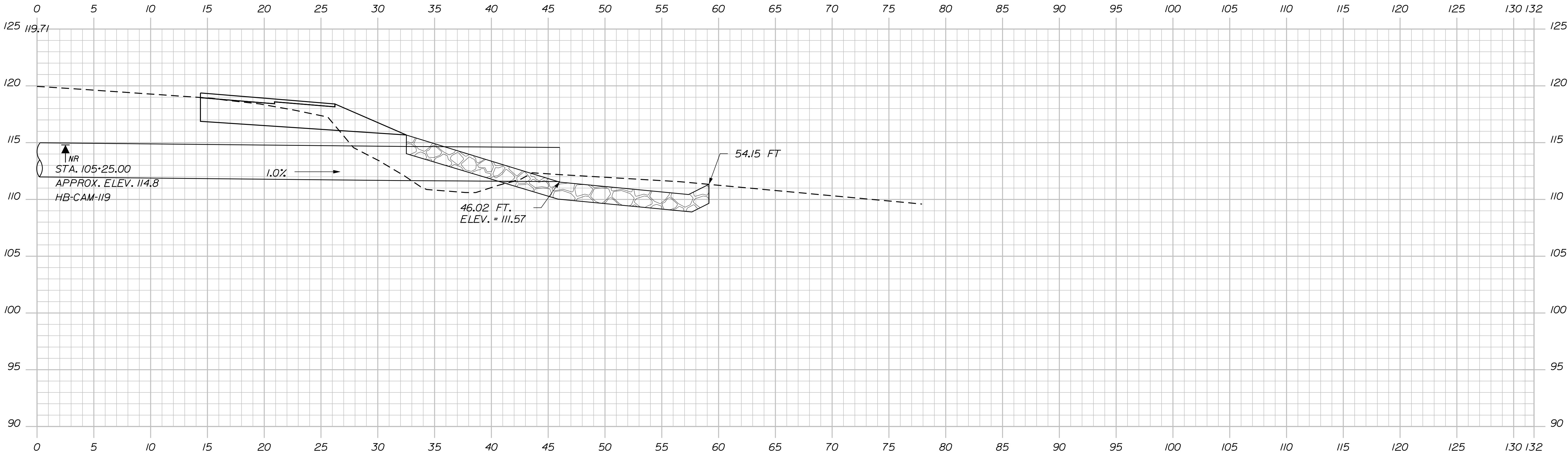
OF 163

Date:1/21/2020

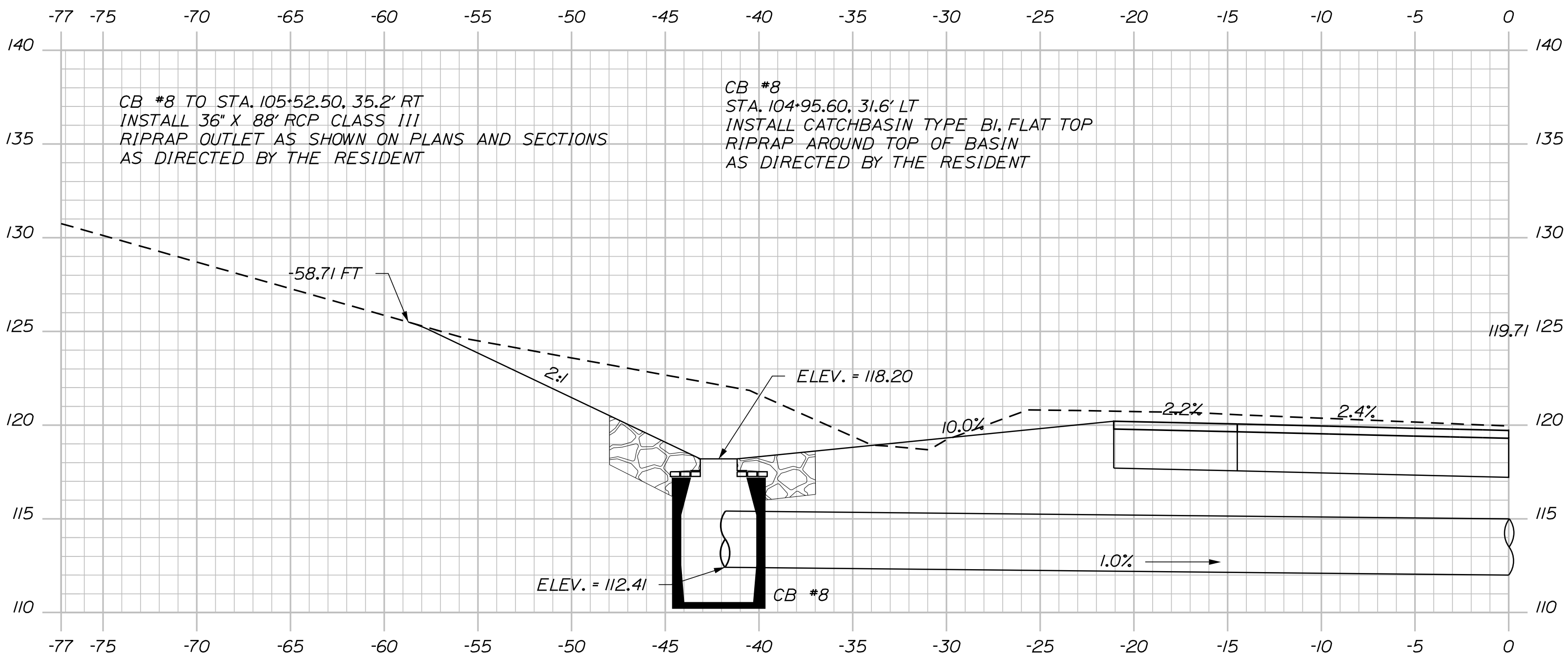
Username: notasha.m.collins

Division: HIGHWAY

Filename: ... \MSTA\060_XSECT_105+23_035.dgn



105+23.32 SKEWED SECTION



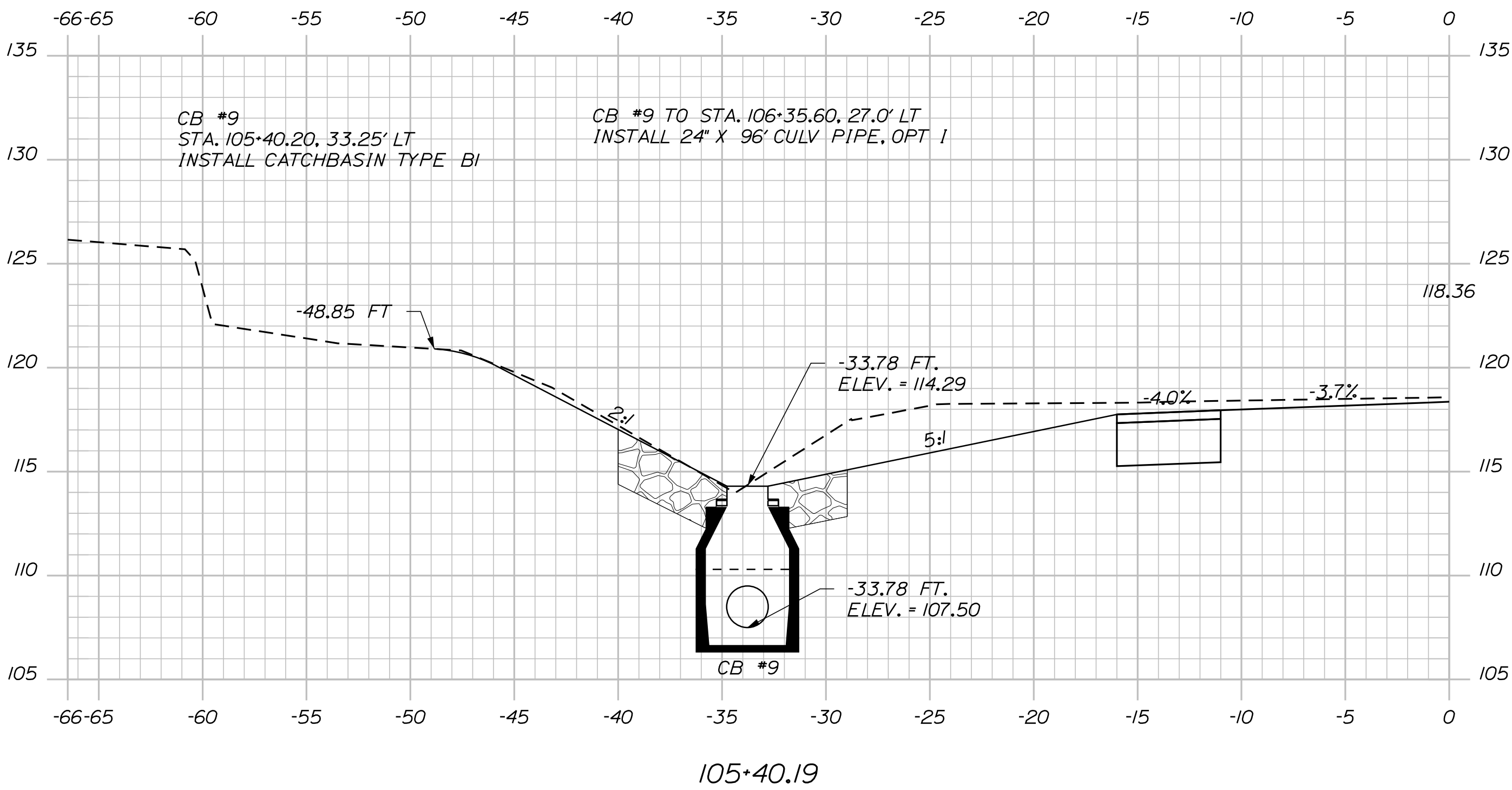
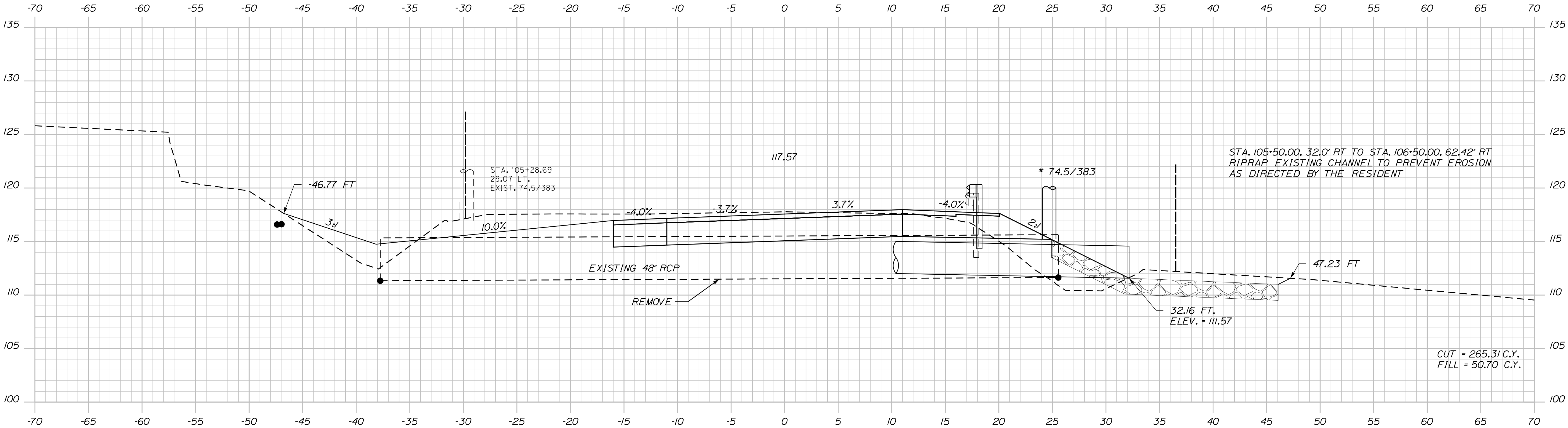
105+23.30 SKEWED SECTION

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	NH-1828(300)	
	WIN	18283.00
	HIGHWAY PLANS	

PROJ. MANAGER	E. MARTIN	BY	DATE	SIGNATURE
DESIGN-DETAILED	N. COLLINS	J. HARDEN	FEB 2020	P.E. NUMBER
DESIGN-DETAILED	C. RUSSELL	T. WHITE	DATE	DATE
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

CAMDEN ROUTE 1
CROSS SECTIONS

SHEET NUMBER
60
OF 163



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN
18283.00

HIGHWAY PLANS

PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED	J. HARDEN	FEB 2020	
CHECKED-REVIEWED	N. COLLINS		
DESIGN-DETAILED	T. WHITE		
DESIGN-DETAILED	C. RUSSELL		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

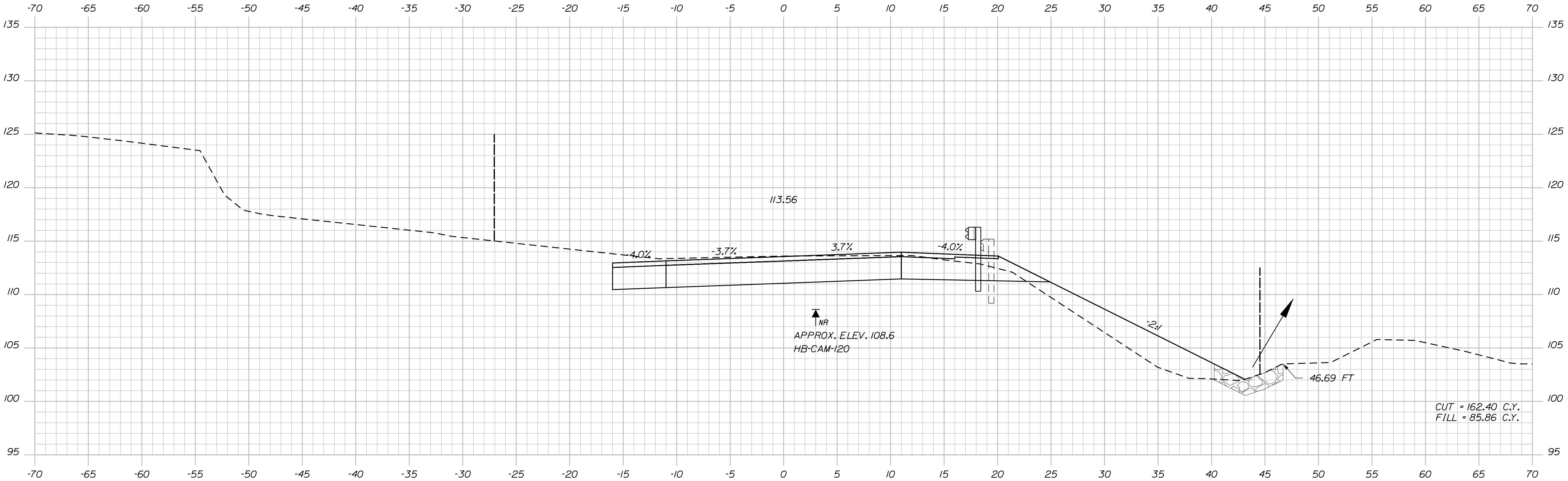
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ROUTE 1

CROSS SECTIONS

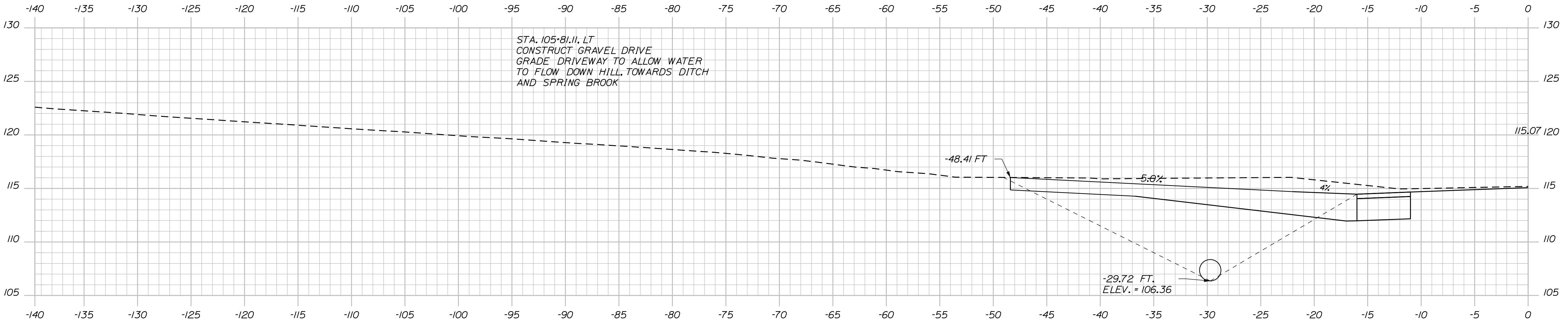
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61

OF 163



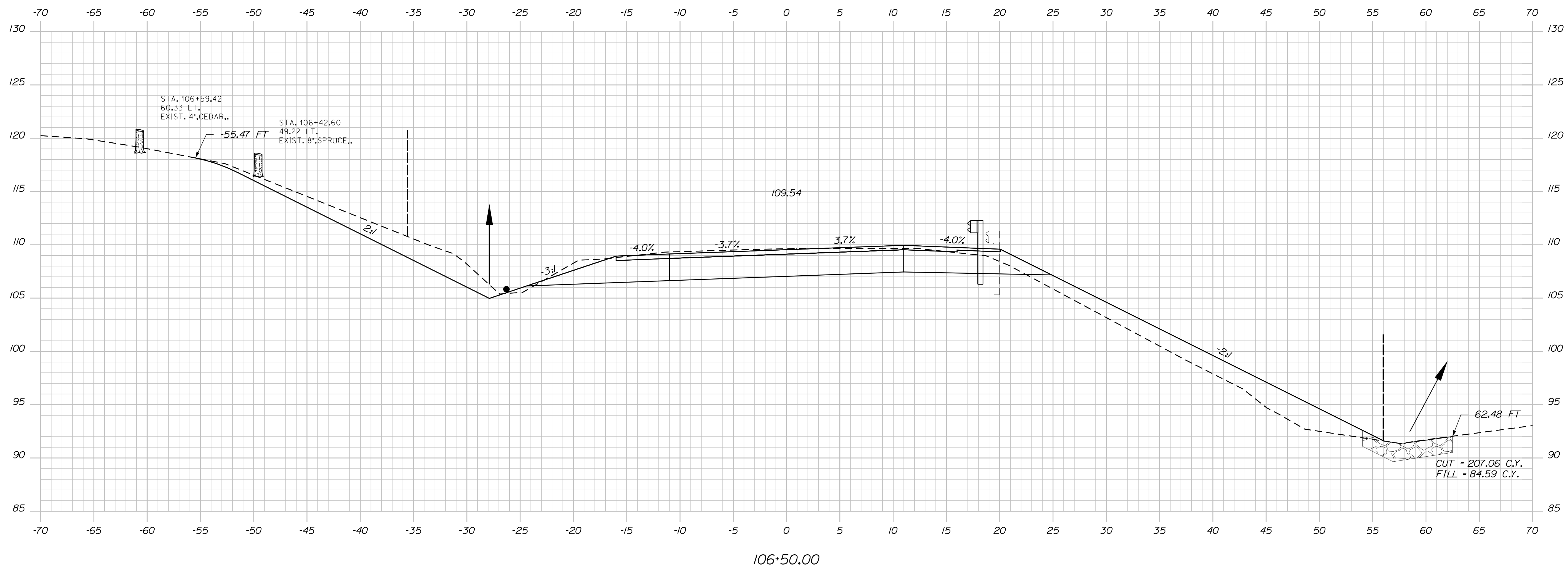
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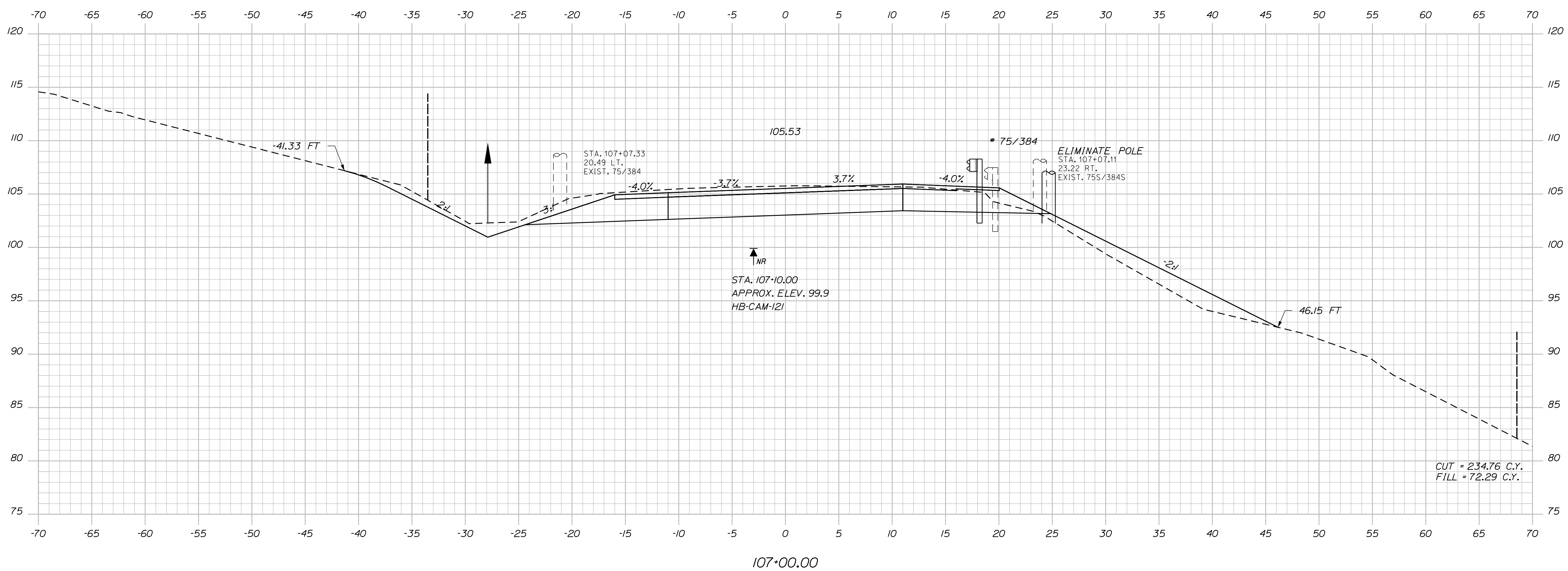
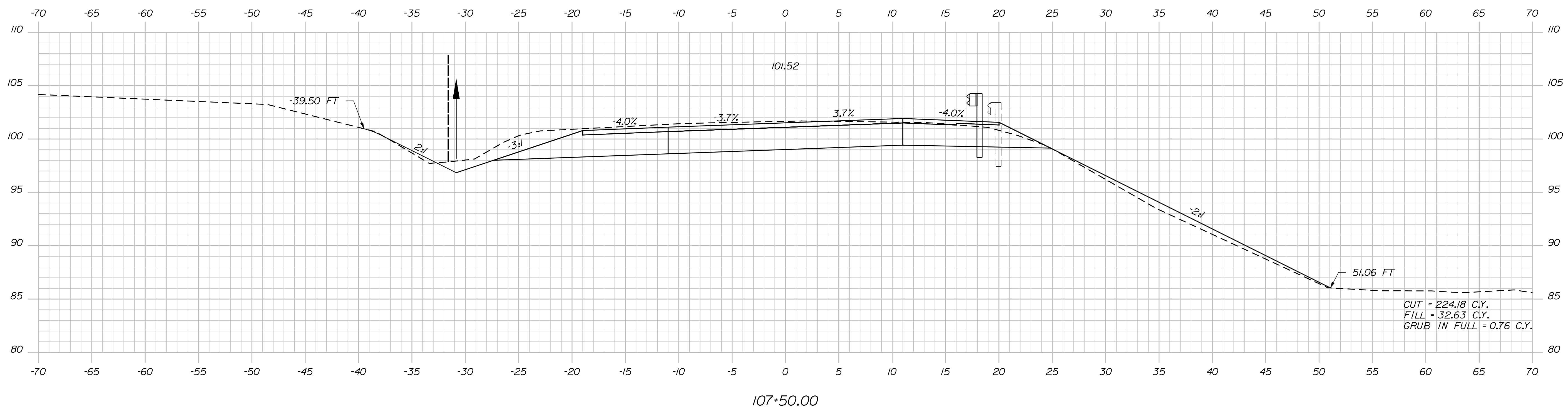
105+81.11

PROJ. MANAGER	BY	DATE	SIGNATURE
DESIGN-DETAILED	J. HARDEN	FEB 2020	
CHECKED-REVIEWED	N. COLLINS		
DESIGN-DETAILED	T. WHITE		
DESIGN-DETAILED	C. RUSSELL		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CAMDEN	CROSS SECTIONS
ROUTE 1	



SHEET NUMBER	CAMDEN ROUTE 1
	PROJ. MANAGER E.MARTIN BY DATE
	DESIGN-DETAILED N.COLLINS J.HARDEN
	CHECKED-REVIEWED
	DESIGNER-DETAILED C.RUSSELL I.WHITE FEB 2020 SIGNATURE
	DESIGNS-DETAILED REVISIONS 1 P.E. NUMBER
	REVISIONS 2
CROSS SECTIONS	REVISIONS 3
	REVISIONS 4
	FIELD CHANGES
	DATE
	NH-1828(300)
	WIN 18283.00 HIGHWAY PLANS
	STATE OF MAINE
	DEPARTMENT OF TRANSPORTATION



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
NH-1828(300)	
WIN	HIGHWAY PLANS
18283.00	

PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	N.COLLINS	J.HARDEN	
CHECKED-REVIEWED			
DESIGN-Z DET-ALE02	C.RUSSELL	T.WHITE	FEB 2020
DESIGNS-Z DET-ALE03			
REVISONS 1			
REVISONS 2			
REVISONS 3			
REVISONS 4			
FIELD CHANGES			
SIGNATURE			
P.E. NUMBER			
DATE			

CAMDEN
 ROUTE 1
 CROSS SECTIONS

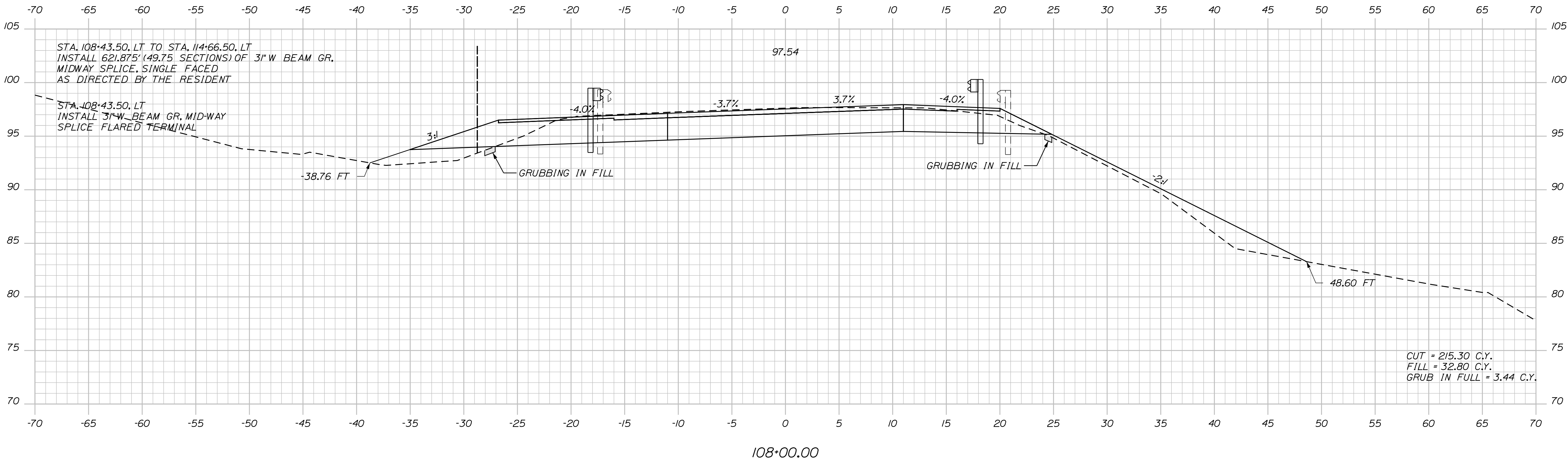
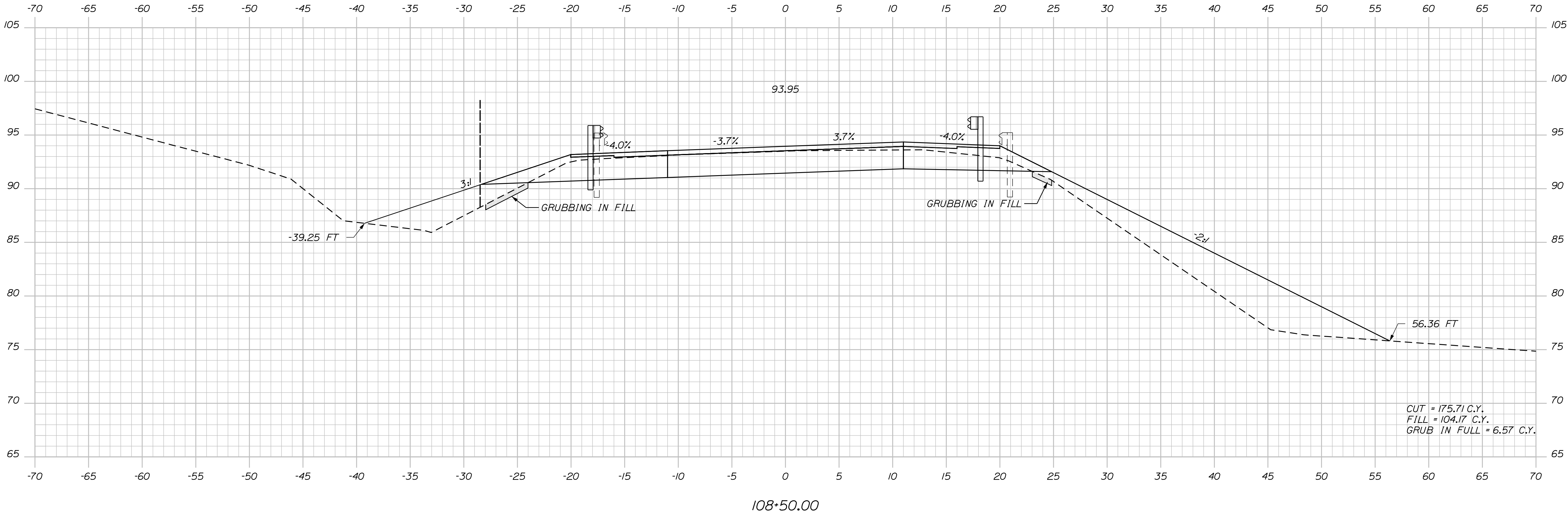
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OF 163

Sta. 107+00.00 to Sta. 107+50.00

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STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)

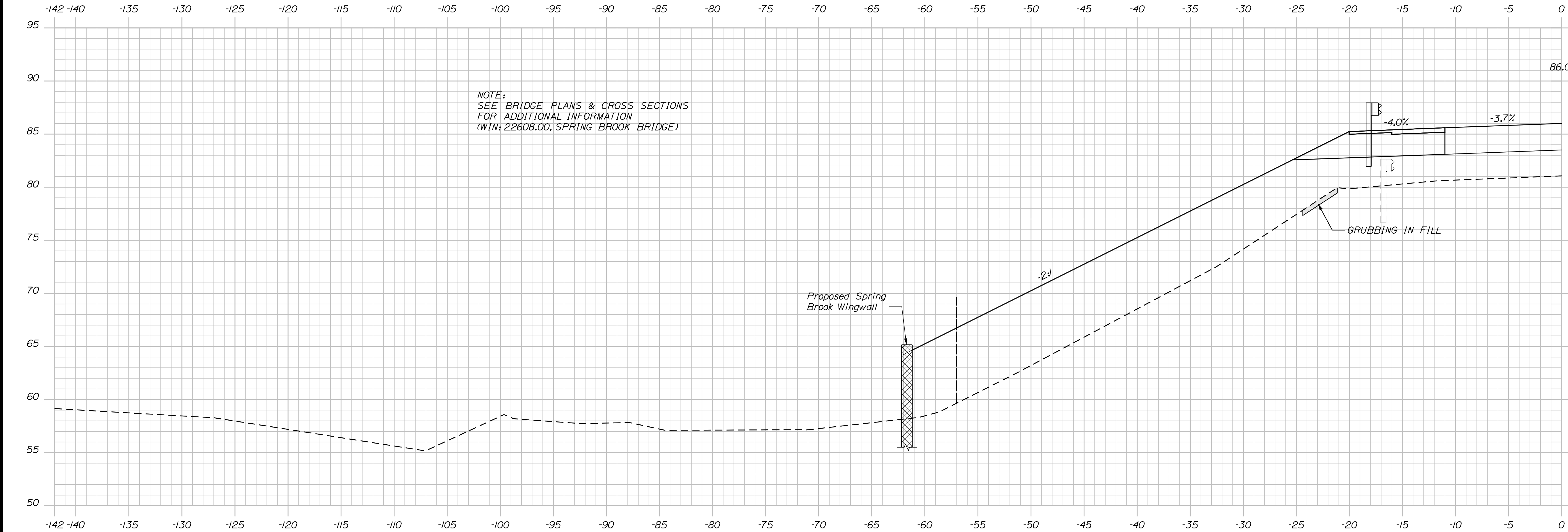
WIN
18283.00
HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	
DESIGN-DETAILED	N. COLLINS	CHECKED-REVIEWED	T. WHITE	SIGNATURE	
DESIGN-DETAILED	C. RUSSELL	DESIGN-DETAILED		P.E. NUMBER	
REVISIONS 1		REVISIONS 2		DATE	
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FIELD CHANGES					

CAMDEN
ROUTE 1

CROSS SECTIONS

SHEET NUMBER
65
OF 163

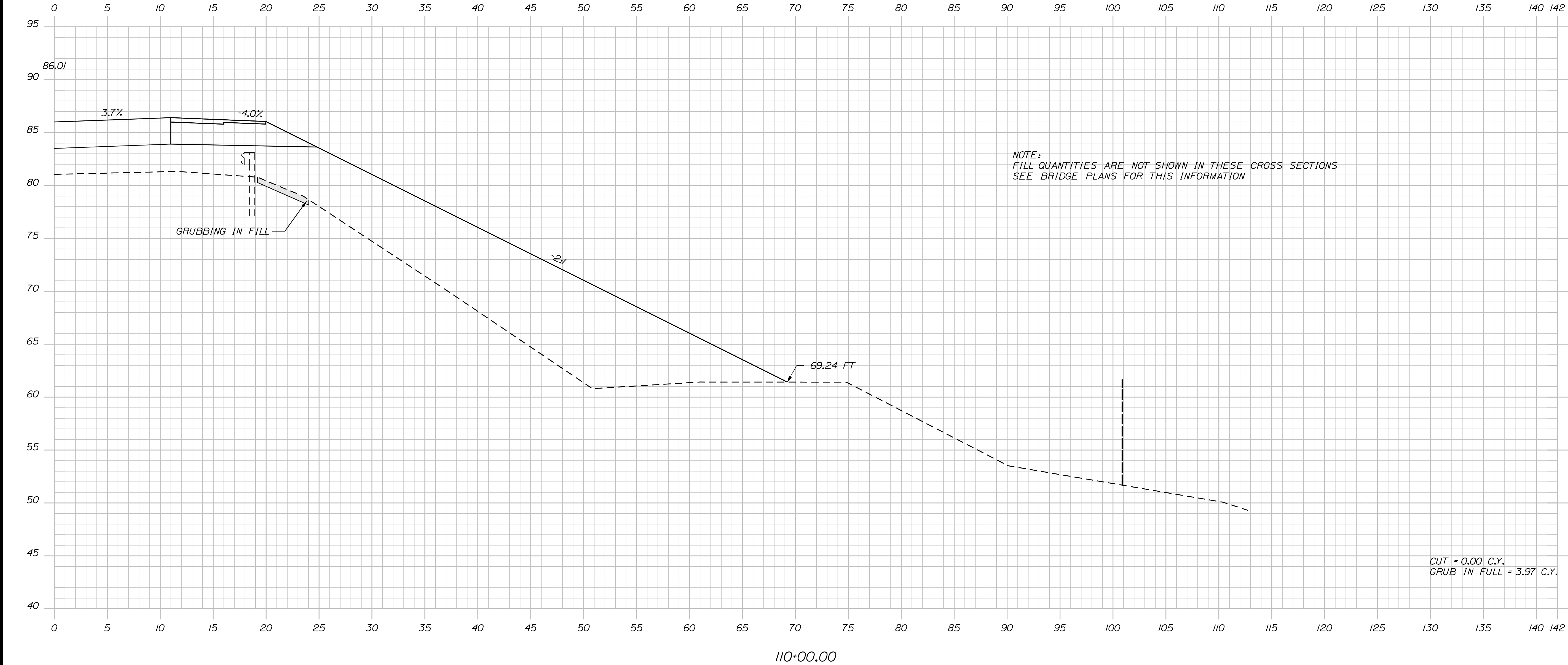


110+00.00

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
NH-1828(300)		SIGNATURE	
WIN		P.E. NUMBER	
18283.00		DATE	
HIGHWAY PLANS			

PROJ. MANAGER	BY	DATE
E. MARTIN	J. HARDEN	FEB 2020
DESIGN-DETAILED	N. COLLINS	
CHECKED-REVIEWED	T. WHITE	
DESIGN-DETAILED	C. RUSSELL	
REVISIONS 1		
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FIELD CHANGES		

CAMDEN ROUTE 1	CROSS SECTIONS
SHEET NUMBER	67
OF 163	



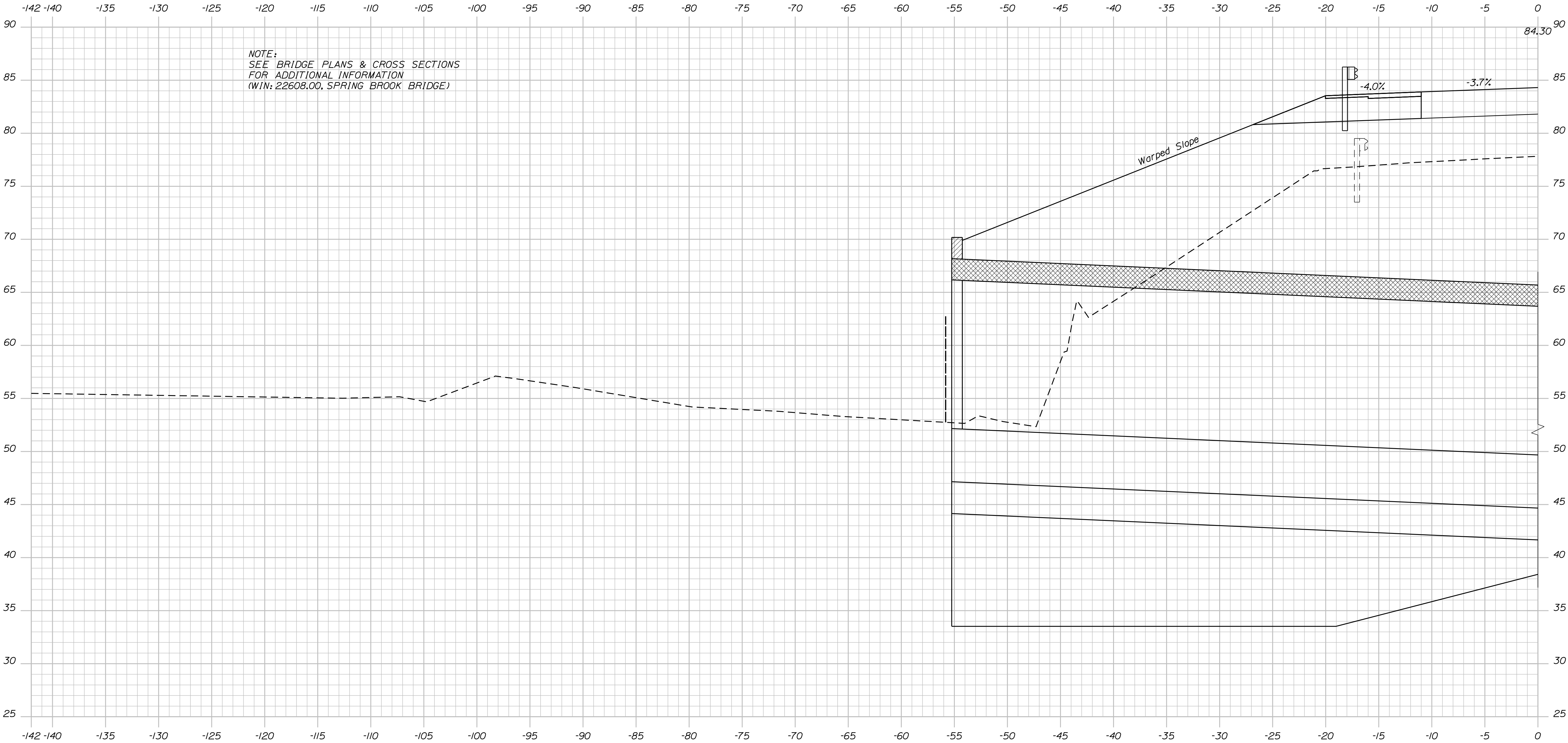
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN 18283.00
HIGHWAY PLANS

DATE	SIGNATURE
FEB 2020	T. WHITE
P.E. NUMBER	
DATE	

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN
DESIGN-DETAILED	N. COLLINS	CHECKED-REVIEWED	T. WHITE
DESIGN-DETAILED	C. RUSSELL	DESIGN-DETAILED	
REVISIONS 1		REVISIONS 1	
REVISIONS 2		REVISIONS 2	
REVISIONS 3		REVISIONS 3	
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CROSS SECTIONS

SHEET NUMBER
68
OF 163

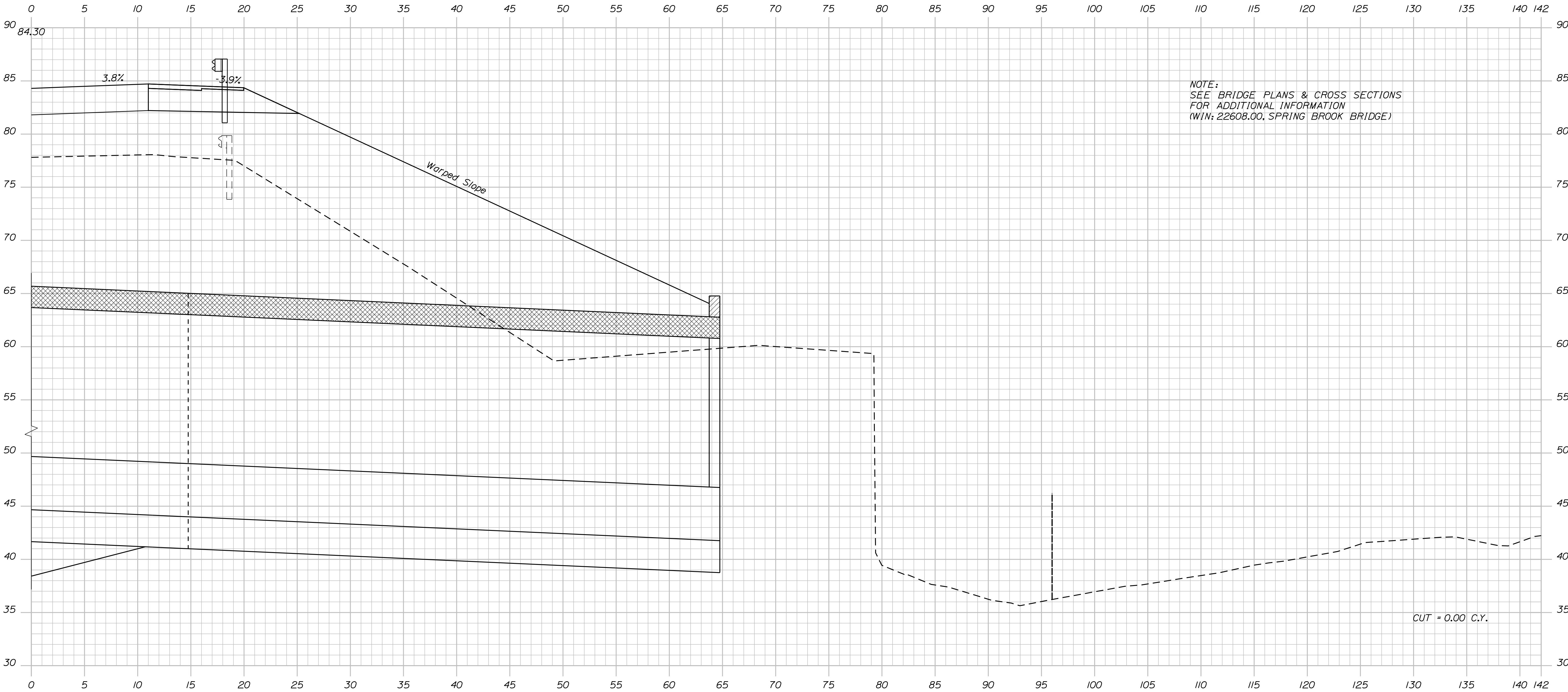


STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN
18283.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	J. HADEN	
CHECKED-REVIEWED	N. COLLINS	
DESIGN-DETAILED	C. RUSSELL	FEB 2020
DESIGN-DETAILED	T. WHITE	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

CAMDEN
ROUTE 1
CROSS SECTIONS

SHEET NUMBER
69
OF 163



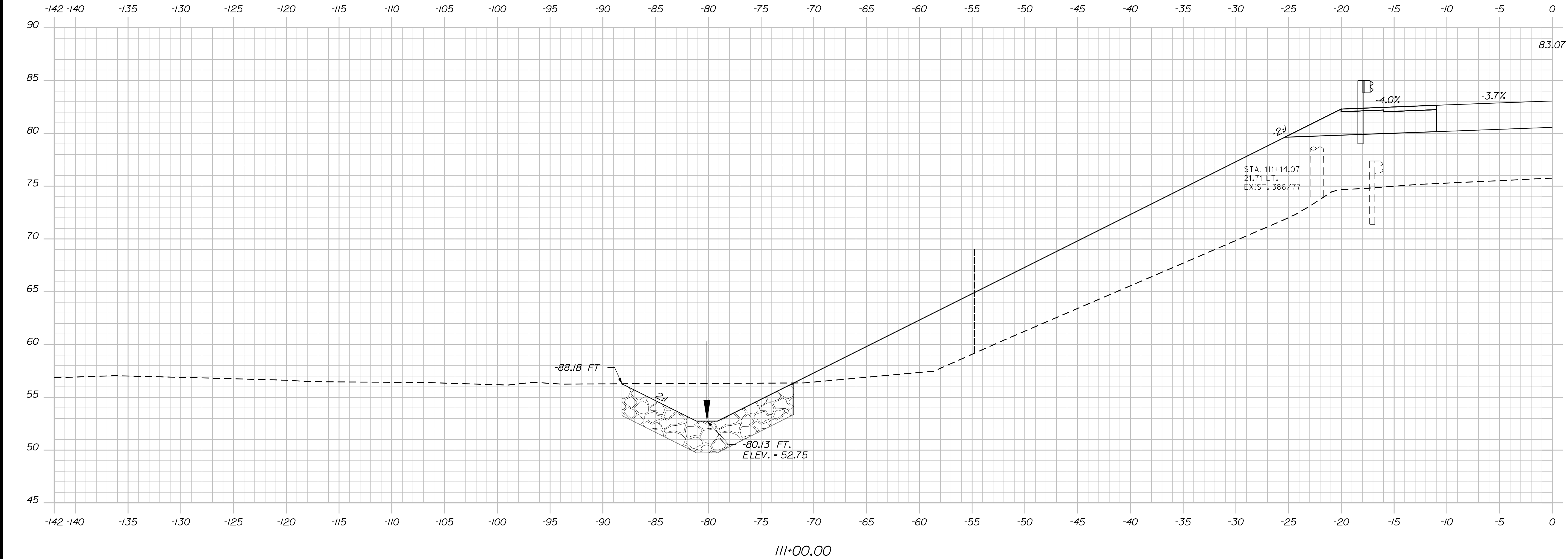
110+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN 18283.00
HIGHWAY PLANS

DATE	BY	PROJ. MANAGER	CHECKED-DETAILED	DESIGN-REVIEWED	DESIGN-DETAILED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
	J.HARDEN	E.MARTIN	N.COLLINS	C.RUSSELL	T.WHITE						
SIGNATURE											
P.E. NUMBER											
DATE											

CAMDEN ROUTE 1
CROSS SECTIONS

SHEET NUMBER
70
OF 163



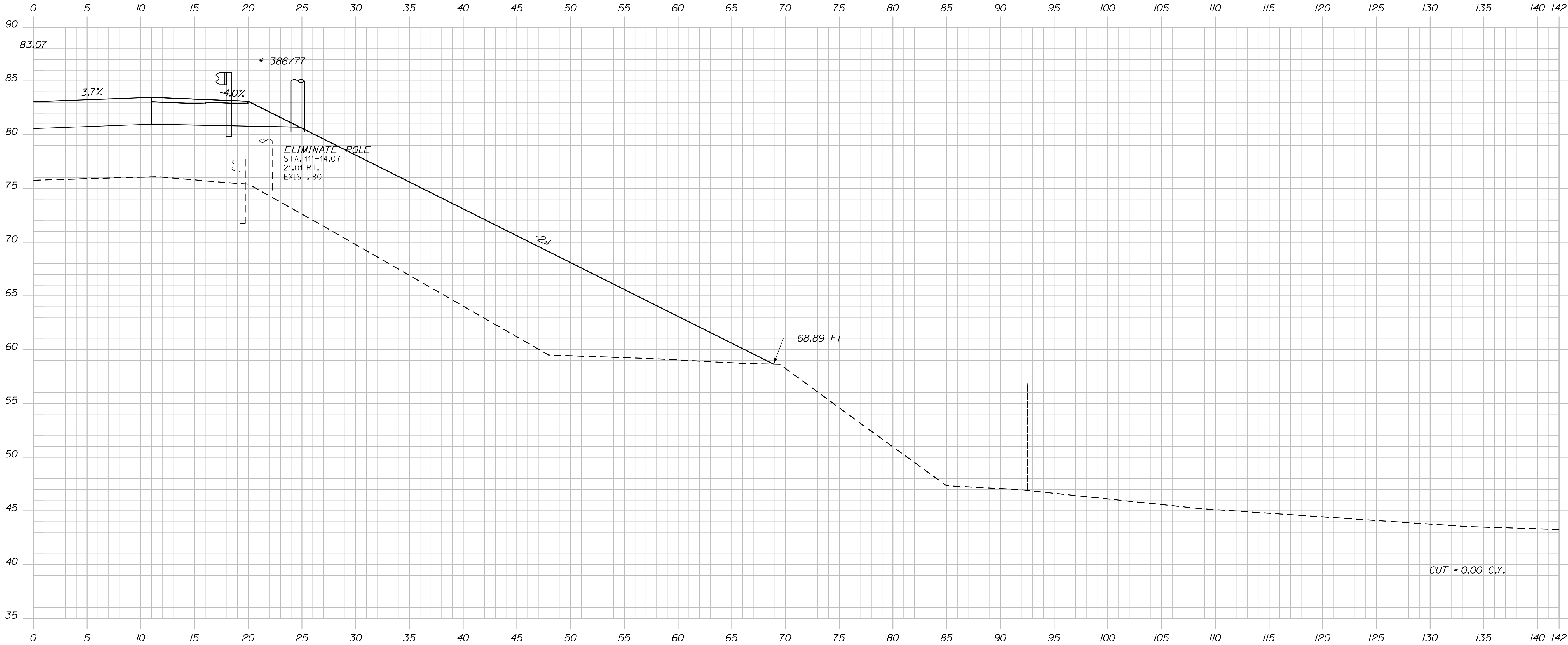
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DEPARTMENT OF TRANSPORTATION	
NH-1828(300)	
WIN	18283.00
HIGHWAY PLANS	

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	J. HADEN	
CHECKED-REVIEWED	N. COLLINS	
DESIGN-DETAILED	T. WHITE	FEB 2020
DESIGN-DETAILED	C. RUSSELL	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

CAMDEN ROUTE 1
CROSS SECTIONS

SHEET NUMBER
71
OF 163

STA. 111+25.00
LIMIT OF WORK, WIN 18283.00
END WIN 22608.00 SPRING BROOK BRIDGE



111+00.00

Sta. 111+00.10 to Sta. 111+00.10

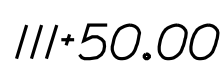
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN 18283.00
HIGHWAY PLANS

DATE	SIGNATURE
FEB 2020	T. WHITE
P.E. NUMBER	
DATE	

PROJ. MANAGER	BY
E. MARTIN	J. HARDEN
CHECKED-REVIEWED	N. COLLINS
DESIGNED-DETAILED	C. RUSSELL
DESIGNED-DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

CAMDEN ROUTE 1
CROSS SECTIONS

SHEET NUMBER
72
OF 163

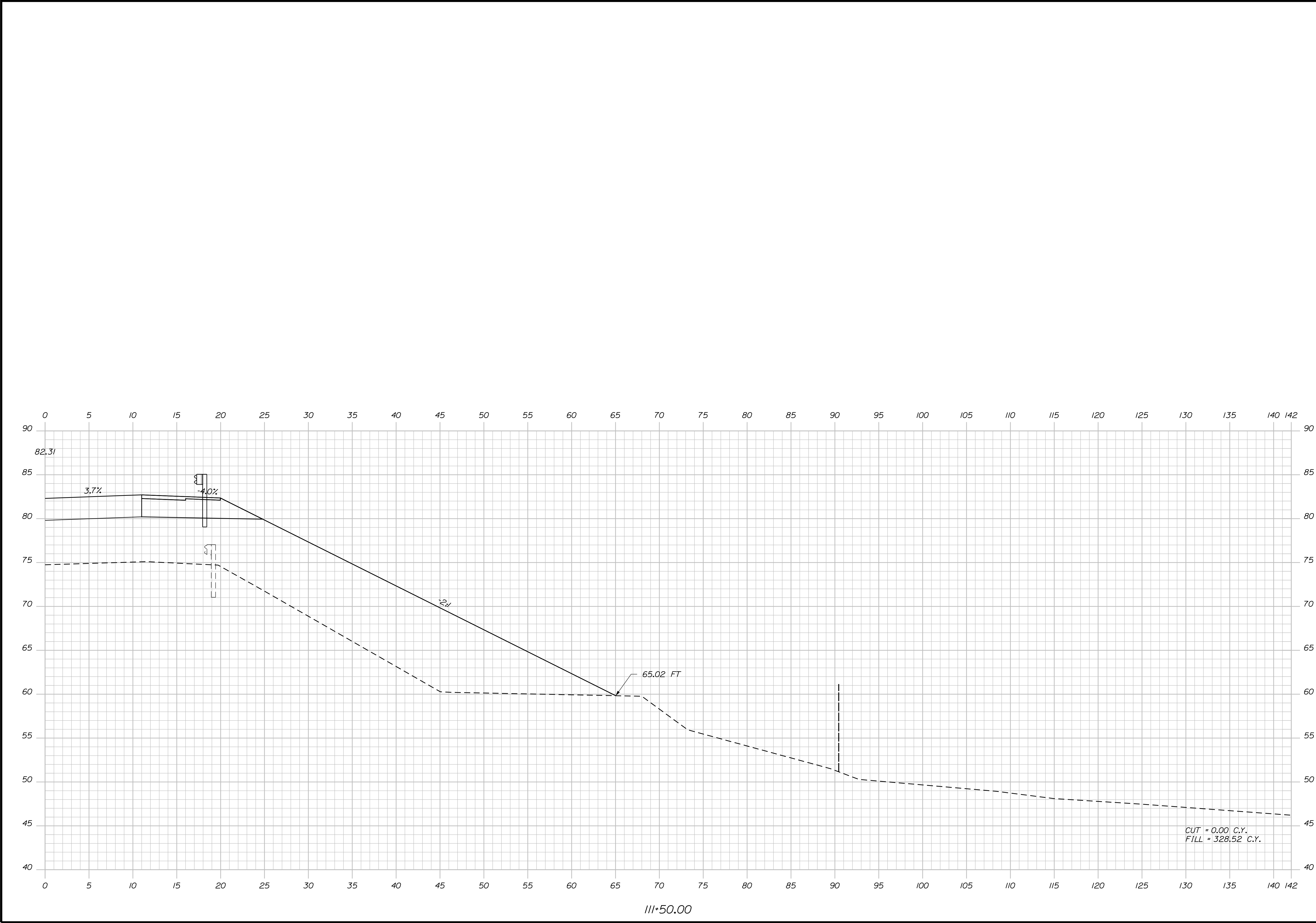


Sta. 111+50.00 to Sta. 111+50.00

SHEET NUMBER

73

OF 163



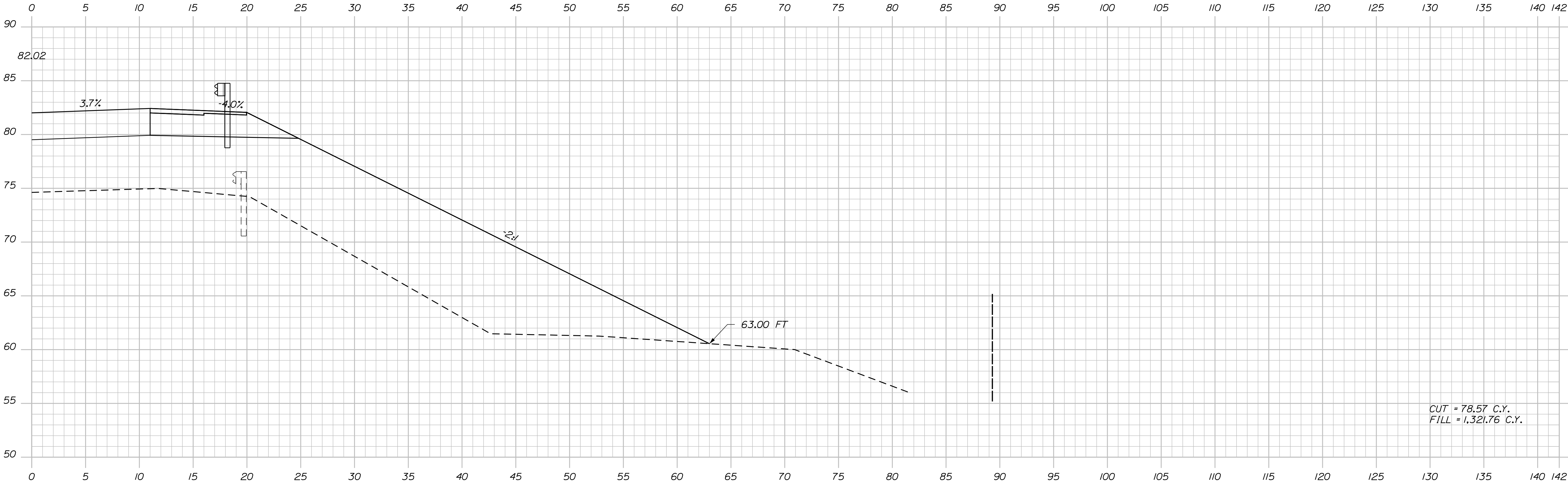
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
NH-1828(300)		SIGNATURE	
WIN		P.E. NUMBER	
18283.00		DATE	
HIGHWAY PLANS			
CAMDEN		E. MARTIN	
ROUTE 1		J. HARDEN	
CROSS SECTIONS		T. WHITE	
SHEET NUMBER		FEB 2020	
74			
OF 163			

Username: notasha.m.collins

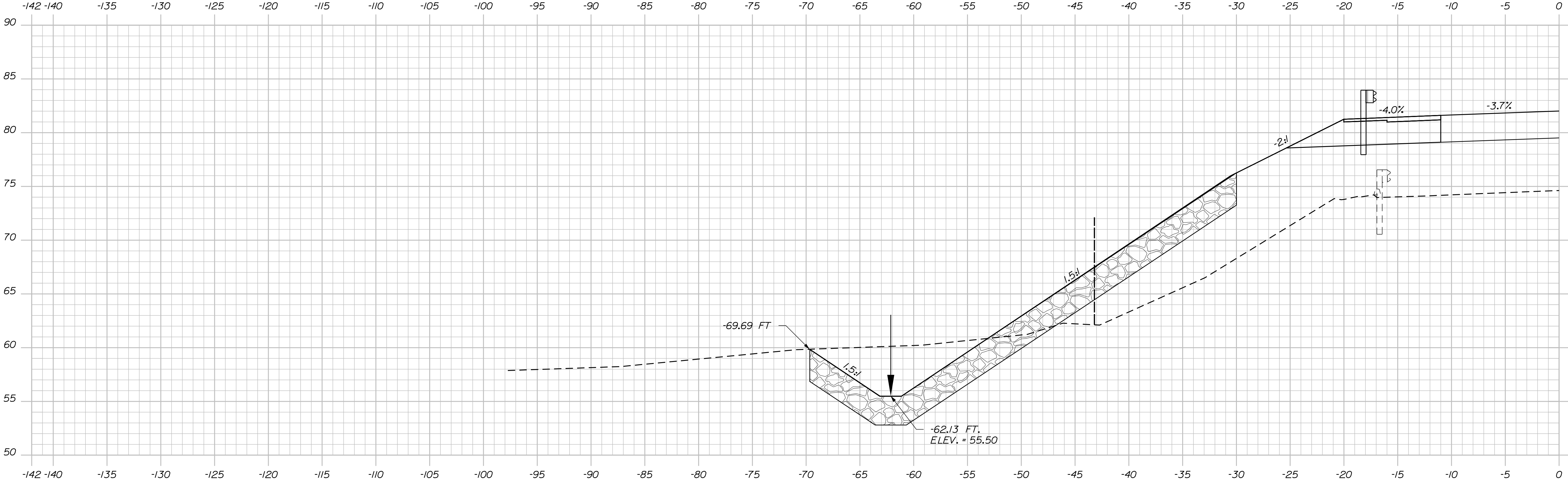
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Division: HIGHWAY

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112+00.00



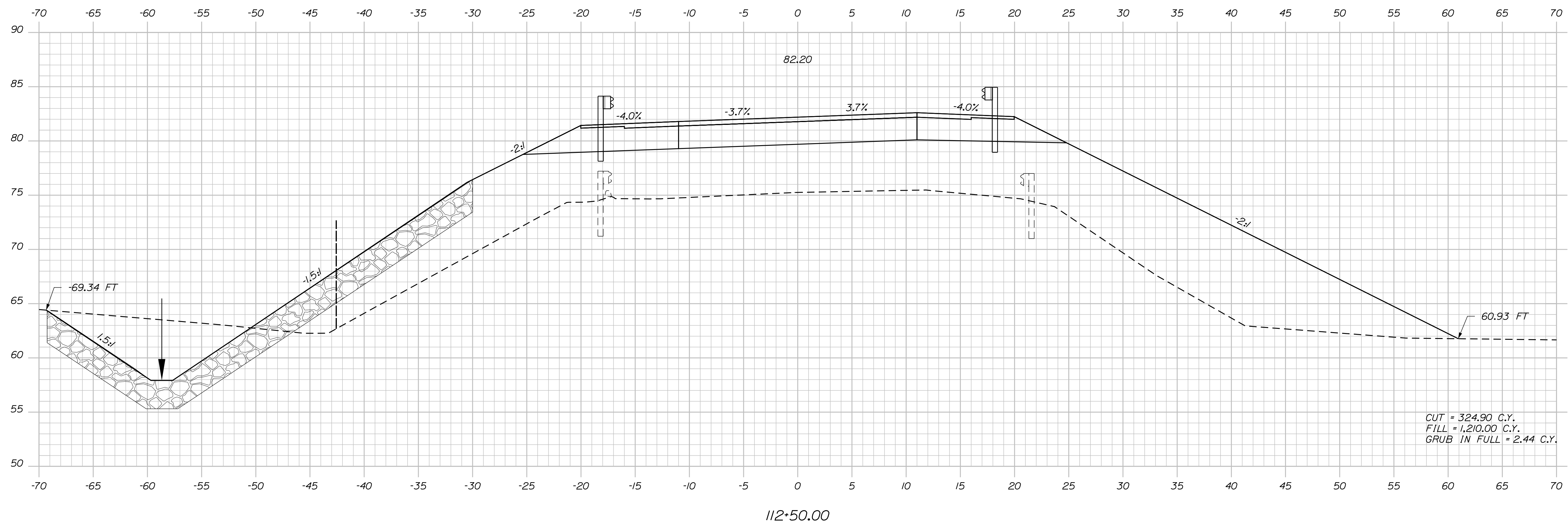
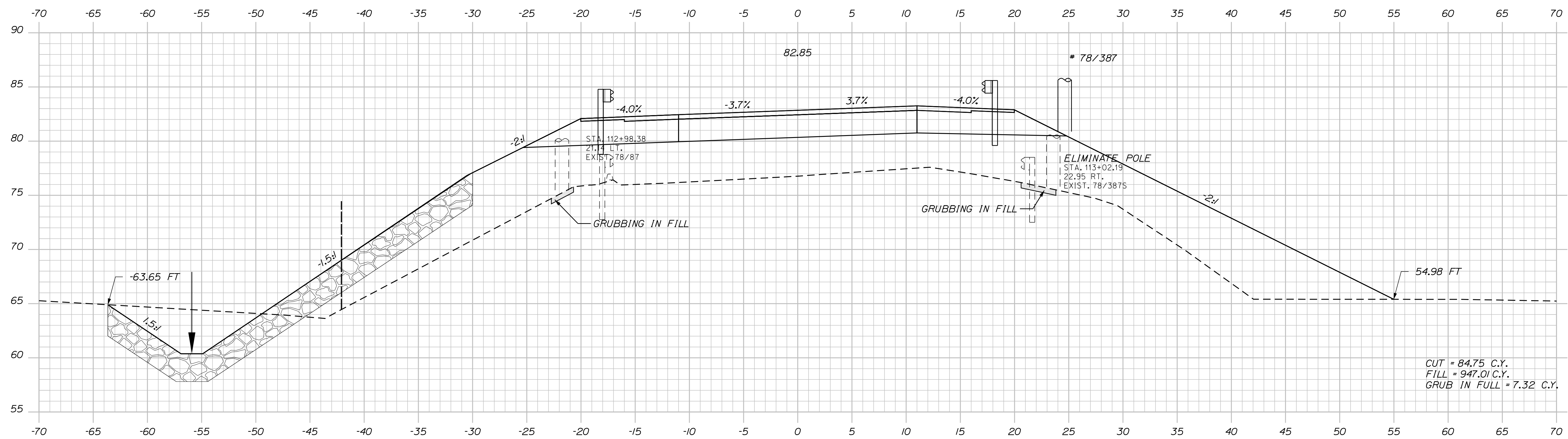
112+00.00

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	NH-1828(300)	
	WIN	18283.00
	HIGHWAY PLANS	

PROJ. MANAGER	BY	DATE
	E. MARTIN	
CHECKED-DETAILED	J. HARDEN	
DESIGN-DETAILED	T. WHITE	FEB 2020
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

CAMDEN ROUTE 1	
CROSS SECTIONS	

SHEET NUMBER
75
OF 163



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN
18283.00

SIGNATURE

P.E. NUMBER

DATE _____

CAMDEN
ROUTE 1

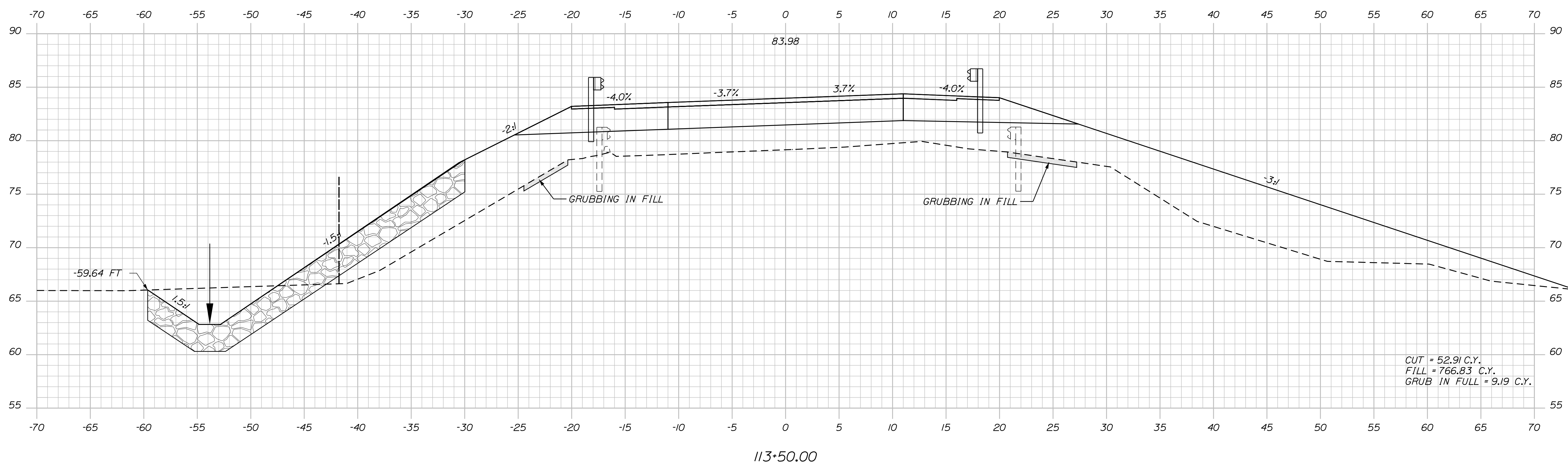
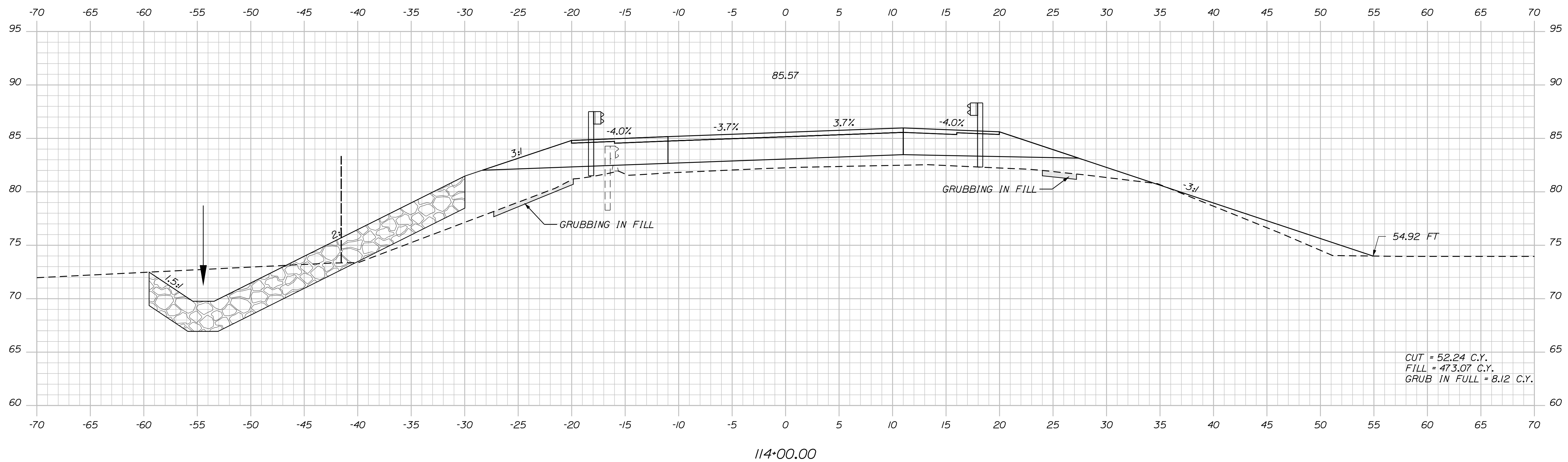
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SHEET NUMBER

76

OF 163

Sta. 112+50.00 to Sta. 113+00.00



PROJ. MANAGER	E. MARTIN	BY	DATE	
DESIGN-DETAILED	N. COLLINS	J. HARDEN		SIGNATURE
CHECKED-REVIEWED				
DESIGN-DETAILED02	C. RUSSELL	T. WHITE	FEB 2020	
DESIGN-DETAILED03				
DESIGN-DETAILED04				P.E. NUMBER
DESIGN-DETAILED05				
DESIGN-DETAILED06				
DESIGN-DETAILED07				
DESIGN-DETAILED08				DATE
DESIGN-DETAILED09				
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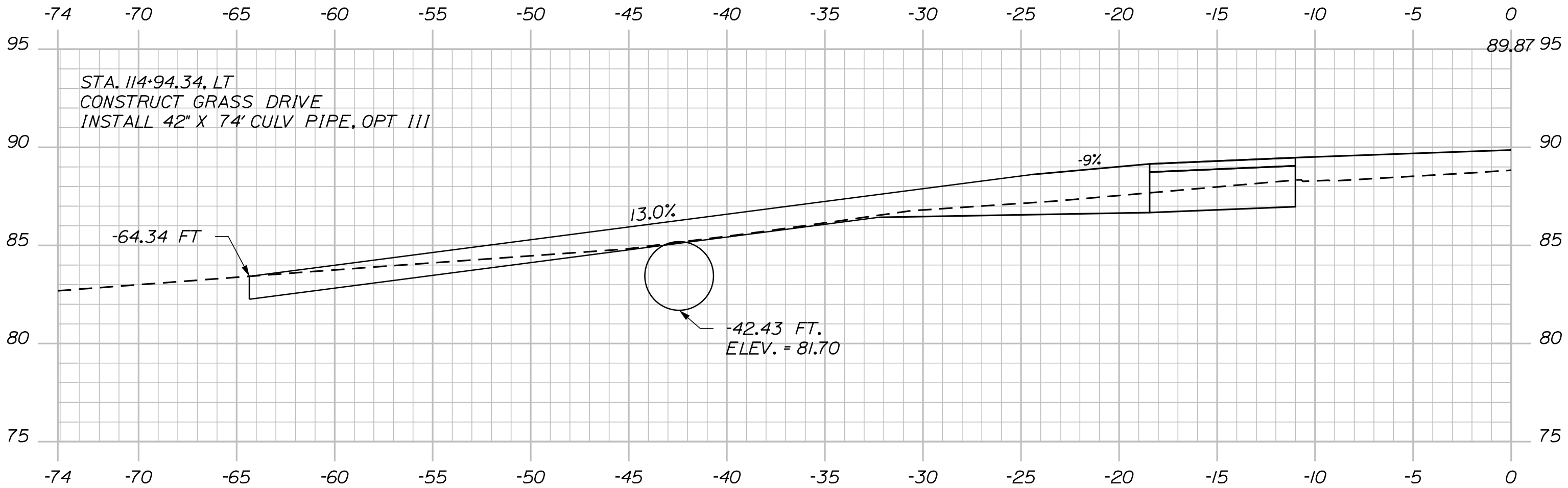
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Date:1/21/2020

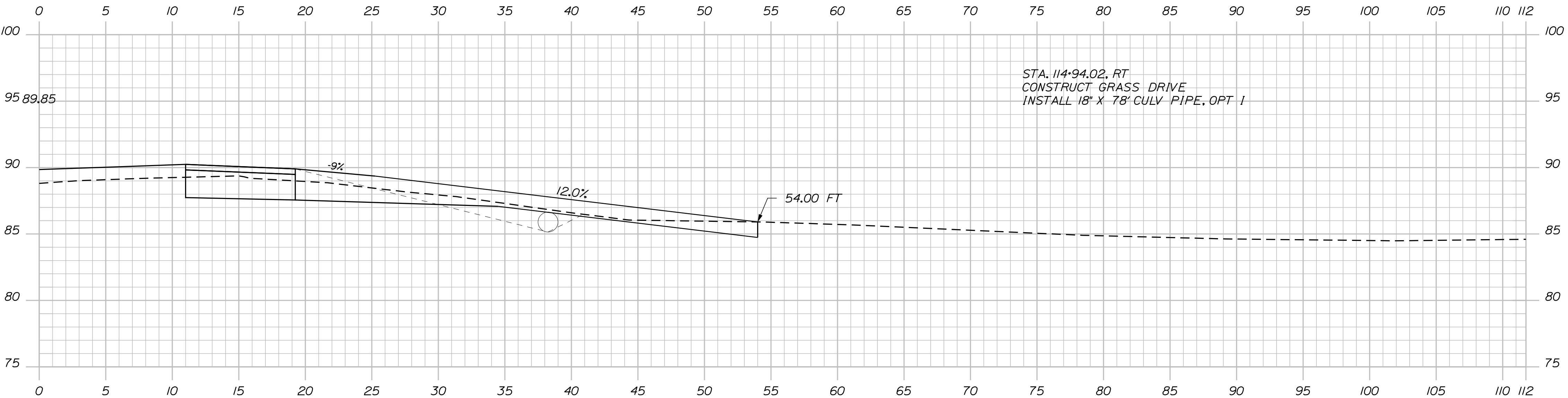
Username: notasha.m.collins

Division: HIGHWAY

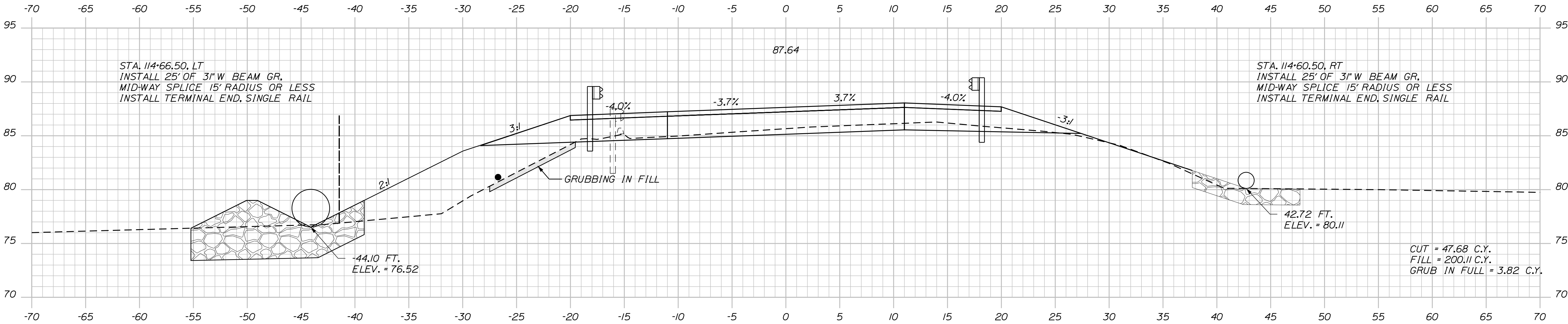
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114+94.34



114+94.02



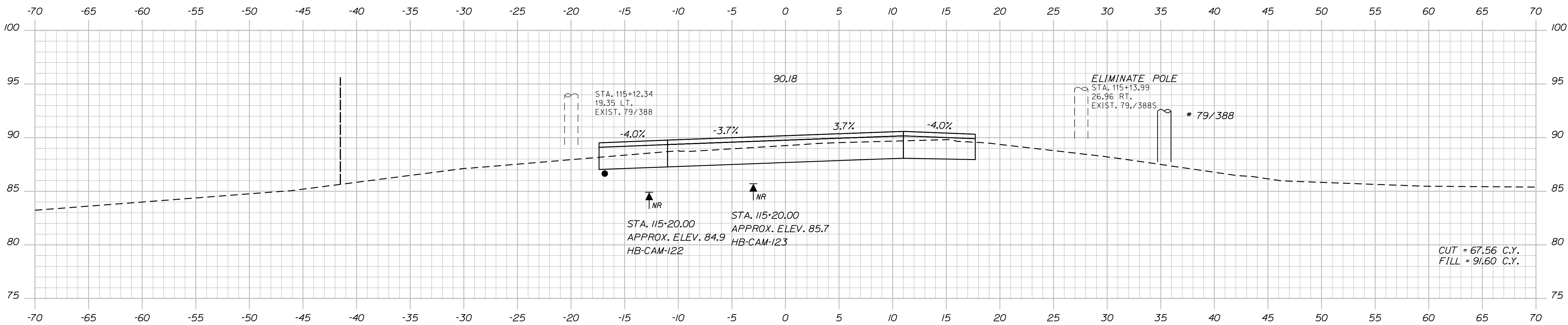
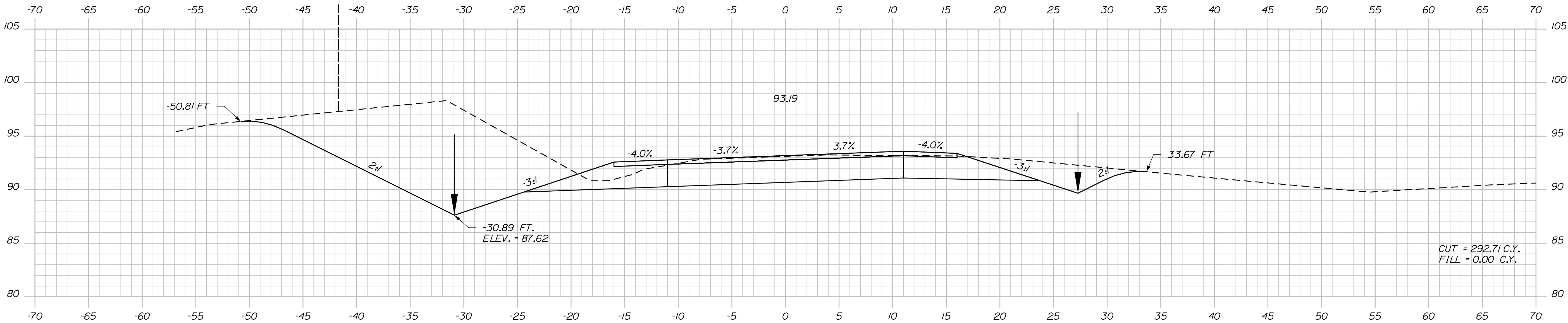
114+50.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN
18283.00
HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	
CHECKED-REVIEWED	N. COLLINS		T. WHITE	FEB 2020	SIGNATURE
DESIGN-DETAILED	C. RUSSELL				P.E. NUMBER
REVISIONS 1					DATE
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

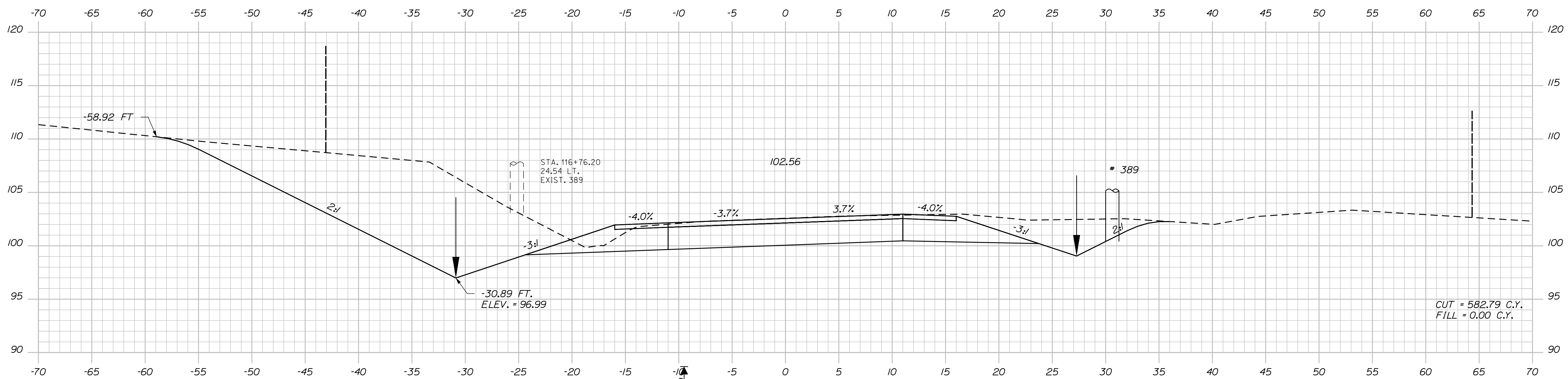
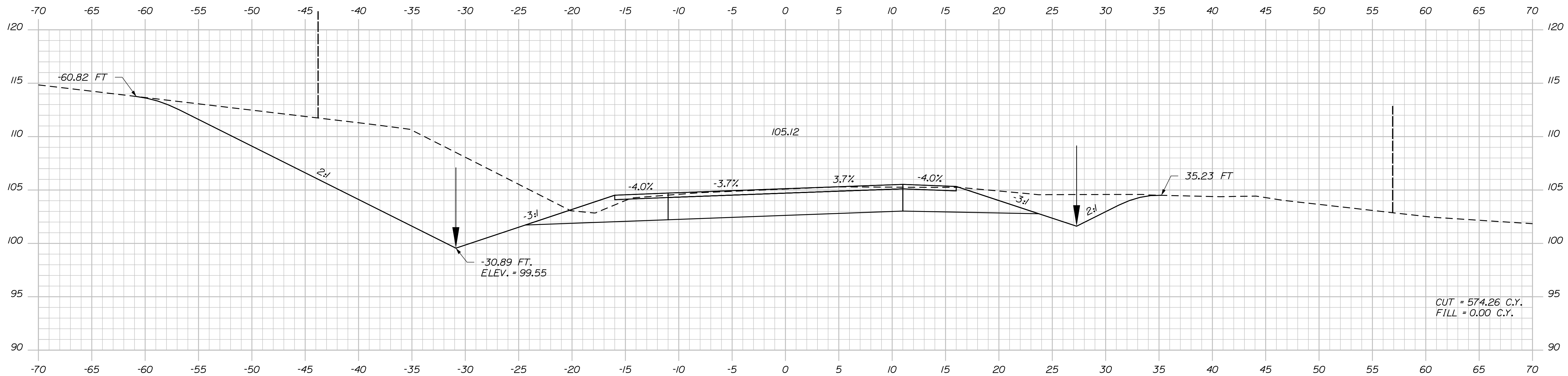
CAMDEN
ROUTE 1
CROSS SECTIONS

SHEET NUMBER
78
OF 163



PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
E. MARTIN	N. COLLINS	J. HARDEN	T. WHITE	FEB 2020					
DATE	SIGNATURE	P.E. NUMBER	DATE						

CAMDEN
ROUTE 1
CROSS SECTIONS



APPROX. ELEV. 84.5
PROBE

117+00.00

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	N. COLLINS 01-01-2020 10:00 AM	J. HARDEN	
CHECKED-REVIEWED			
DESIGN2-DETAILED2	C. ROSELL 01-01-2020 10:00 AM	I. WHITE	FEB 2020
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
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			DATE
			P.E. NUMBER
			SIGNATURE

CAMDEN
ROUTE 1

CROSS SECTIONS

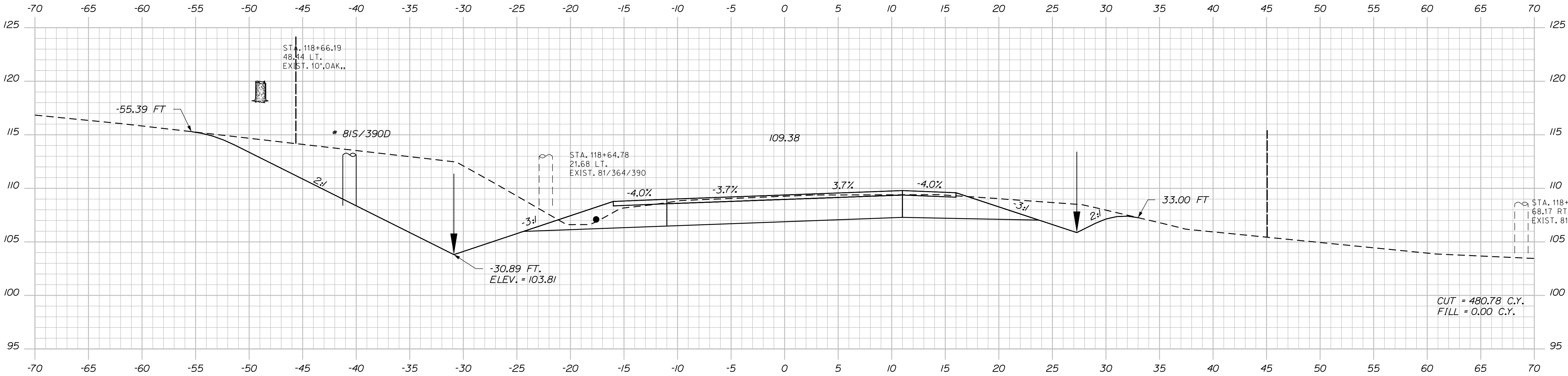
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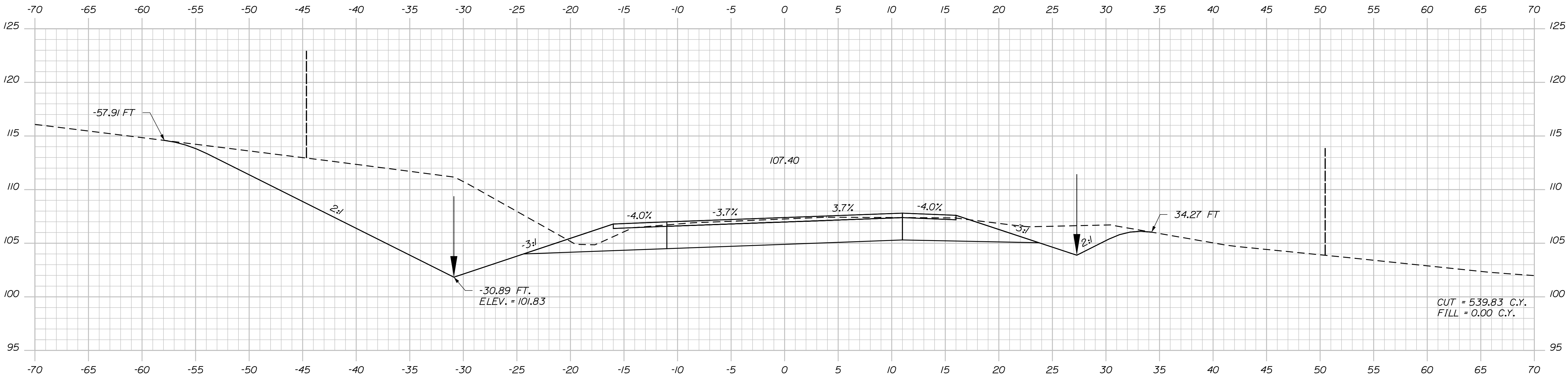
Username: notasha.m.colins

Division: HIGHWAY

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118+50.00

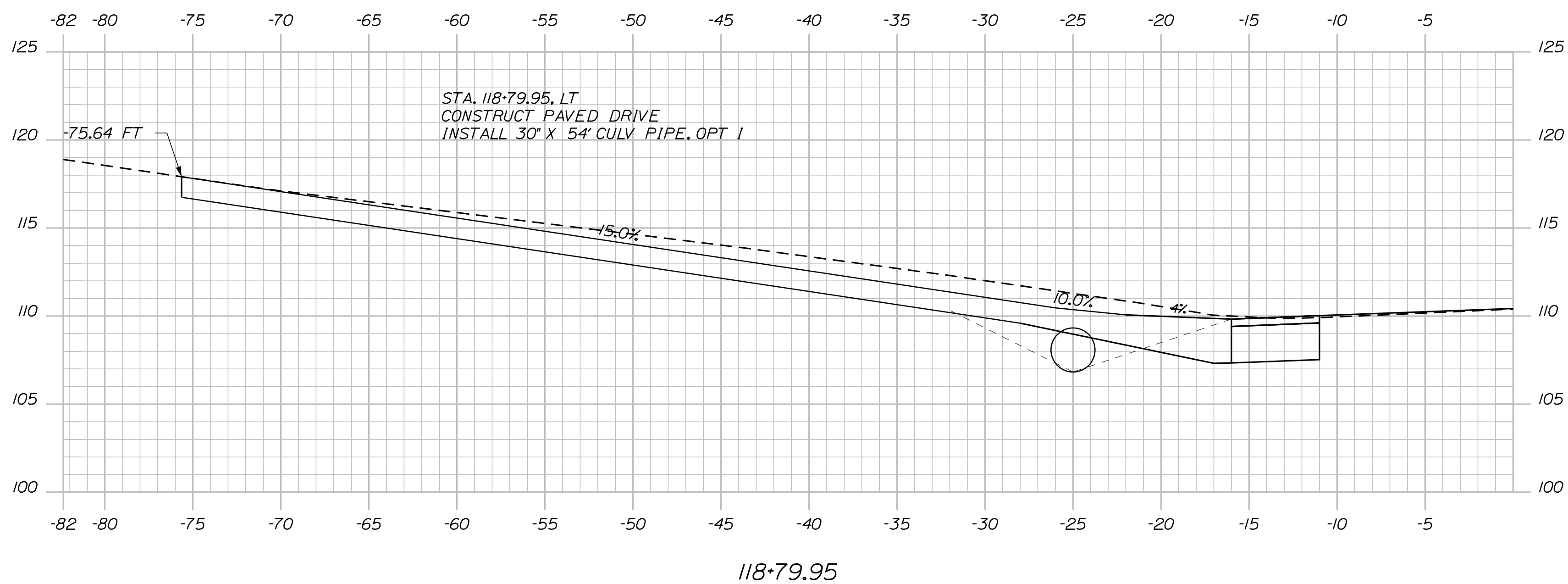


118+00.00

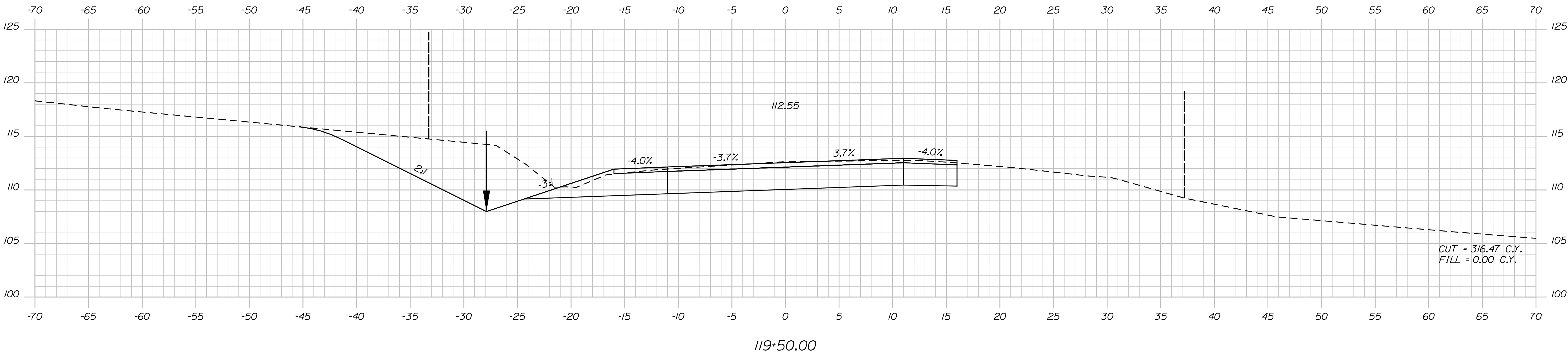
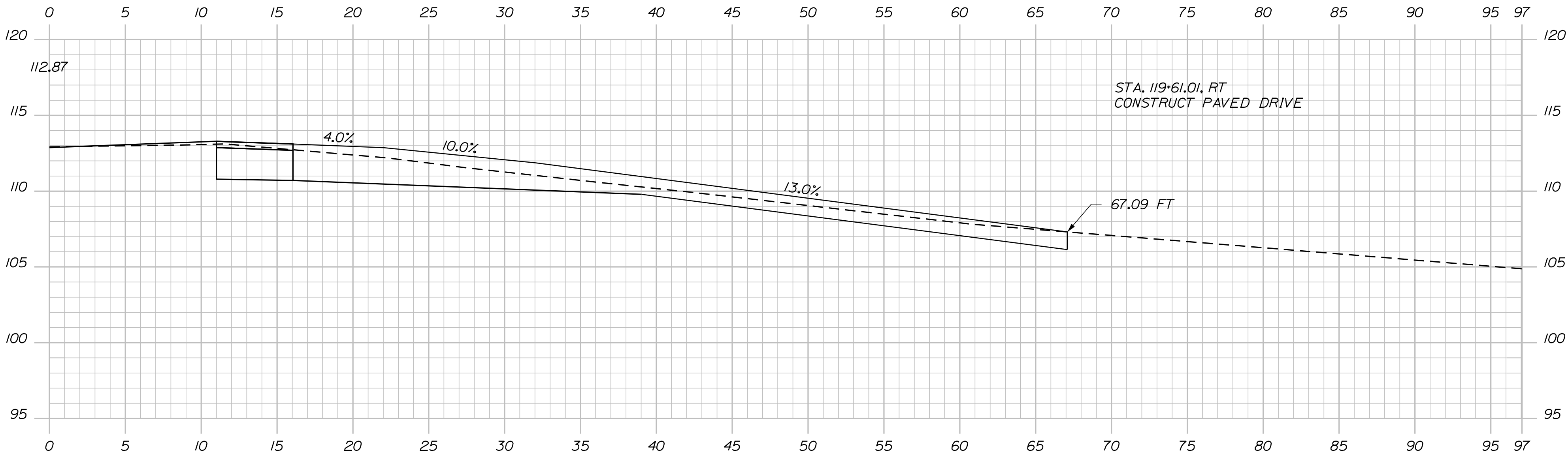
PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
E. MARTIN	N. COLLINS	J. HARDEN	T. WHITE	FEB 2020					
DATE	SIGNATURE	P.E. NUMBER	DATE						

CAMDEN
ROUTE 1

CROSS SECTIONS



<div> <div>83</div> <div>OF 163</div> </div>	<div>SHEET NUMBER</div>	<div>CAMDEN</div> <div>ROUTE 1</div>	<div>PROJ. MANAGER</div> <div>E. MARTIN</div>	<div>BY</div> <div>J. HARDEN</div>	<div>DATE</div> <div></div>	<div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>NH-1828(300)</div> <div>WIN</div> <div>18283.00</div> <div>HIGHWAY PLANS</div>
			<div>DESIGN-DETAILED</div> <div>N. COLLINS</div>	<div>CHECKED-DETAILED</div> <div>J. HARDEN</div>	<div>SIGNATURE</div> <div></div>	
			<div>DESIGN-DETAILED 2</div> <div>C. RUSSELL</div>	<div>T. WHITE</div> <div>FEB. 2020</div>	<div>P. E. NUMBER</div> <div></div>	
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PROJ. MANAGER	E. MARTIN	BY	DATE	SIGNATURE
CHECKED-REVIEWED	N. COLLINS	J. HARDEN	FEB 2020	P.E. NUMBER
DESIGN-DETAILED	C. RUSSELL	T. WHITE		DATE
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FIELD CHANGES				

CAMDEN
ROUTE 1

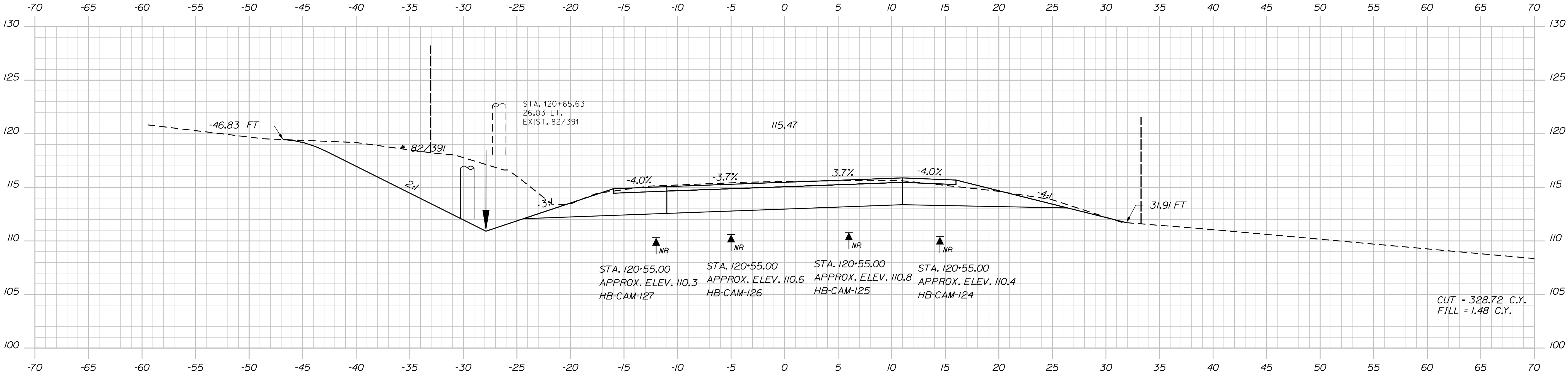
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Date:1/21/2020

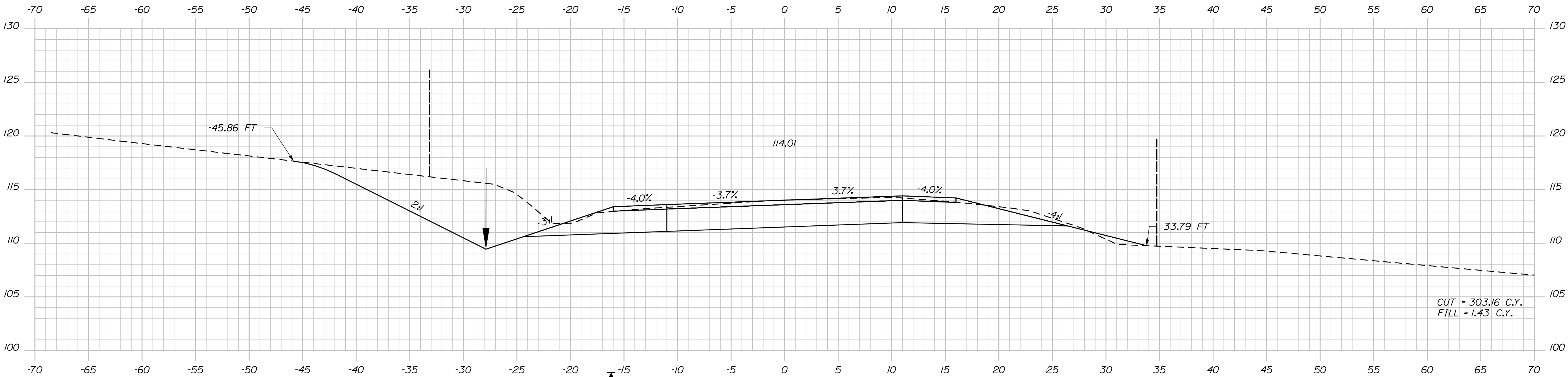
Username: notasha.m.collins

Division: HIGHWAY

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120+50.00



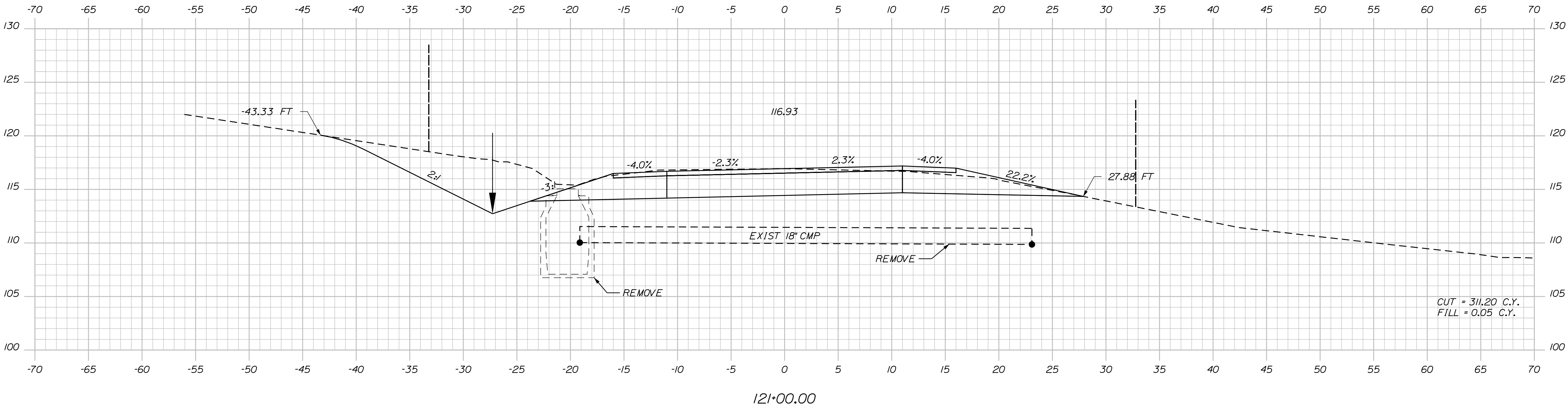
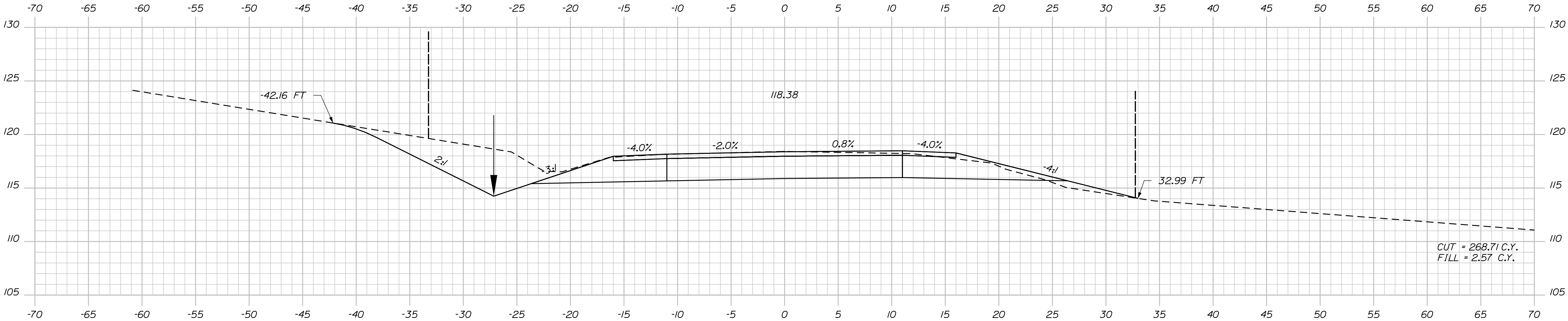
120+00.00

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN
18283.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
E. MARTIN	J. HARDEN	FEB 2020
CHECKED-REVIEWED	N. COLLINS	T. WHITE
DESIGNED-DETAILED	C. RUSSELL	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

CAMDEN ROUTE 1
CROSS SECTIONS

SHEET NUMBER
85
OF 163



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN
18283.00

HIGHWAY PLANS

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
E. MARTIN	N. COLLINS	J. HARDEN	T. WHITE					
DATE	FEB 2020			SIGNATURE				P.E. NUMBER
				DATE				

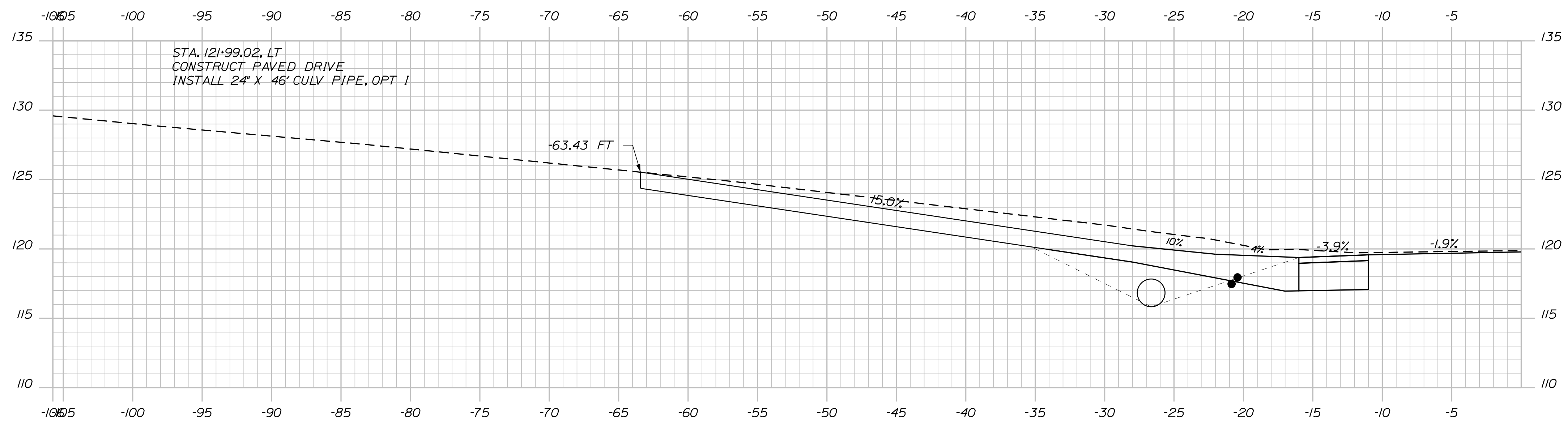
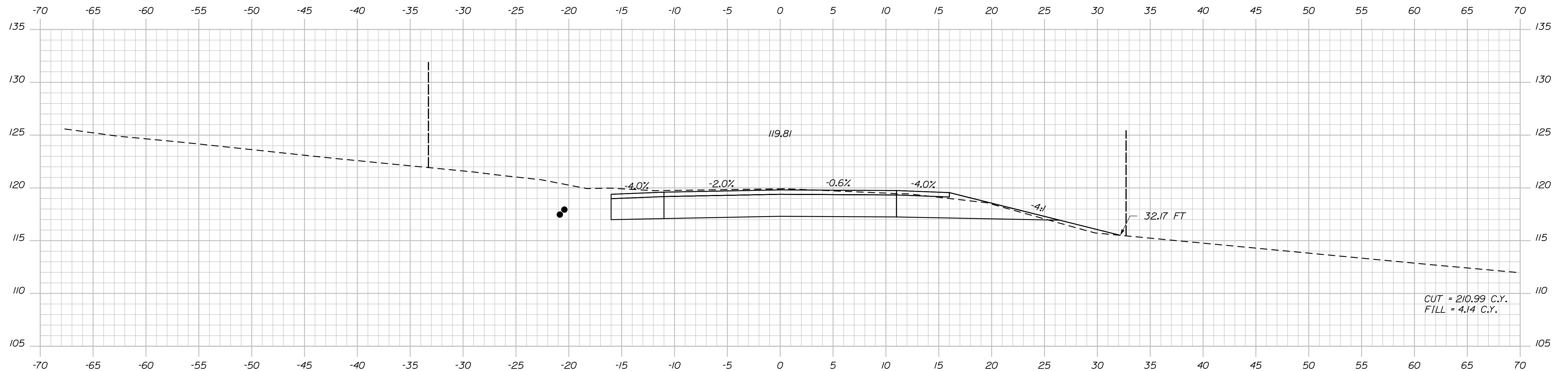
CAMDEN
ROUTE 1

CROSS SECTIONS

SHEET NUMBER

86

OF 163



STATE OF MAINE
 DEPARTMENT OF TRANSPORTATION
NH-1828(300)

WIN
18283.00
HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE _____

			C C C C C
		- - -	C U L

J. HARDEN

N. COLLINS	
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DESIGN-DETAILED

CONF

AMT

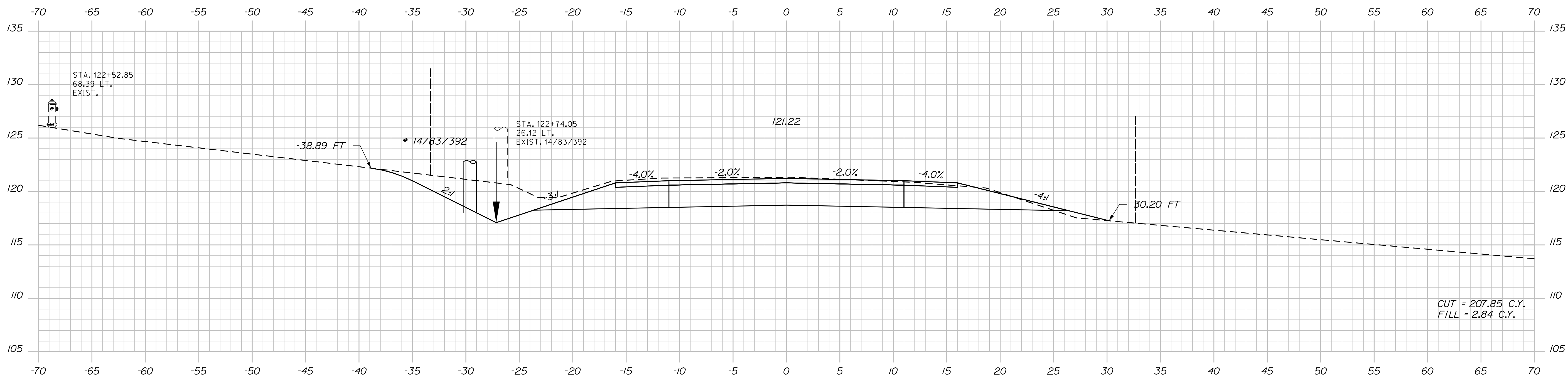
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F 163

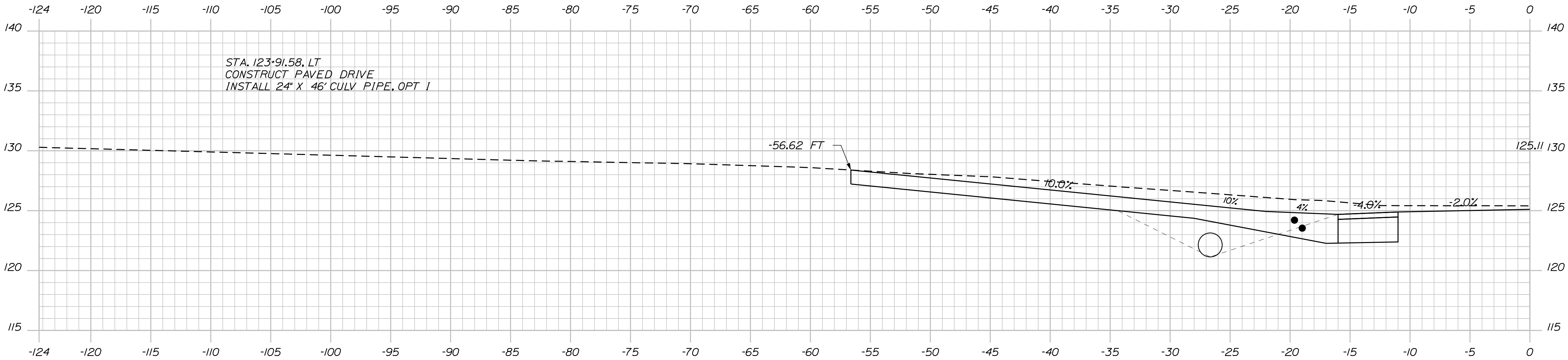
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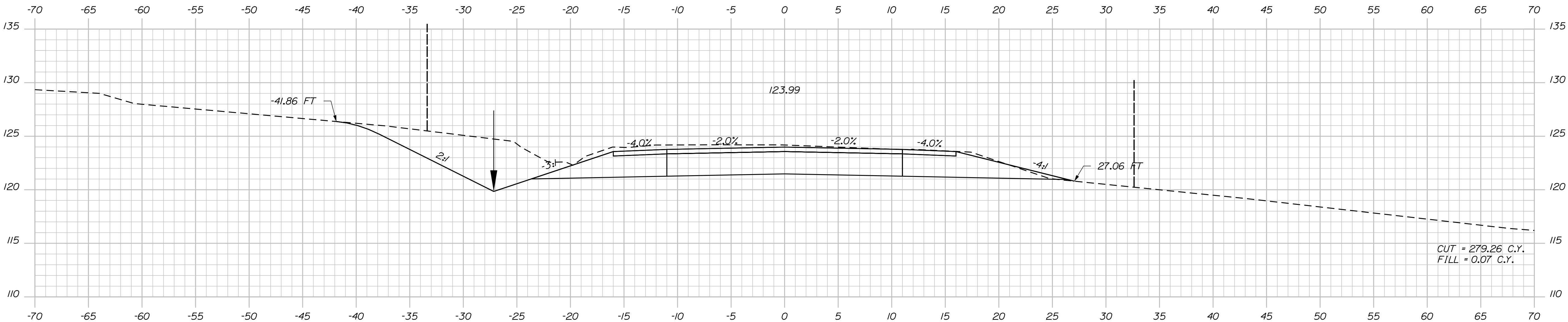
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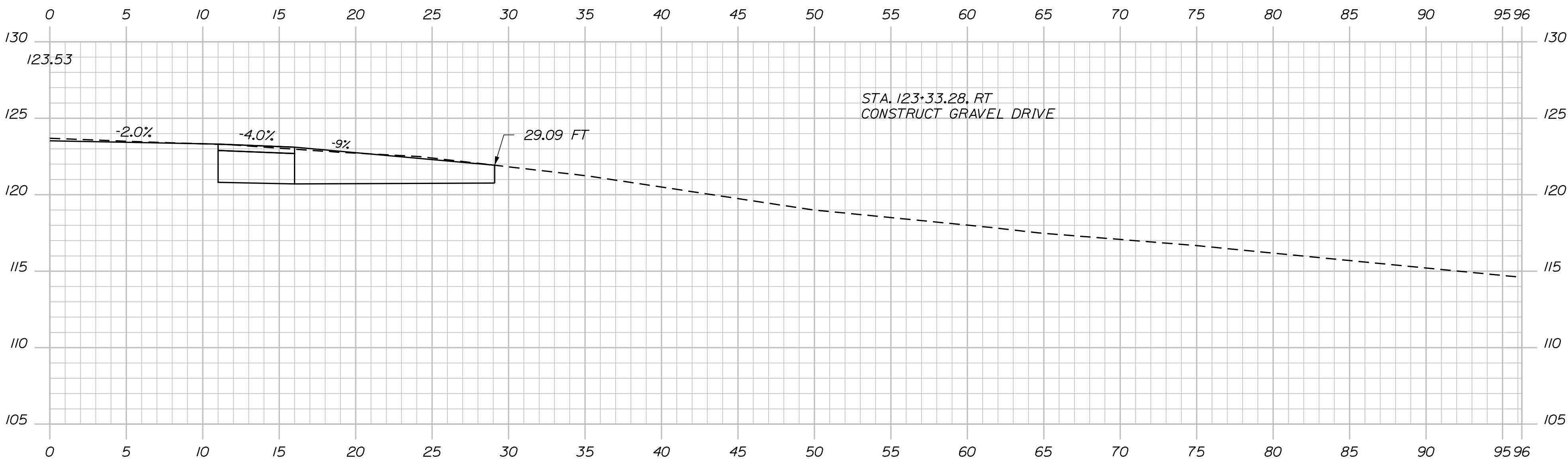
OF 163



123+91.58



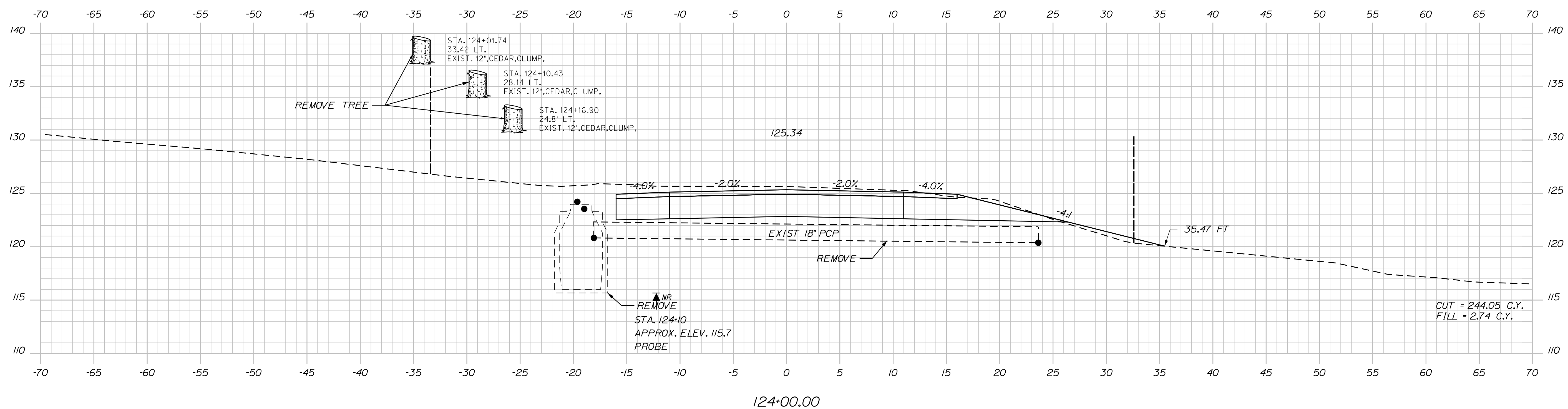
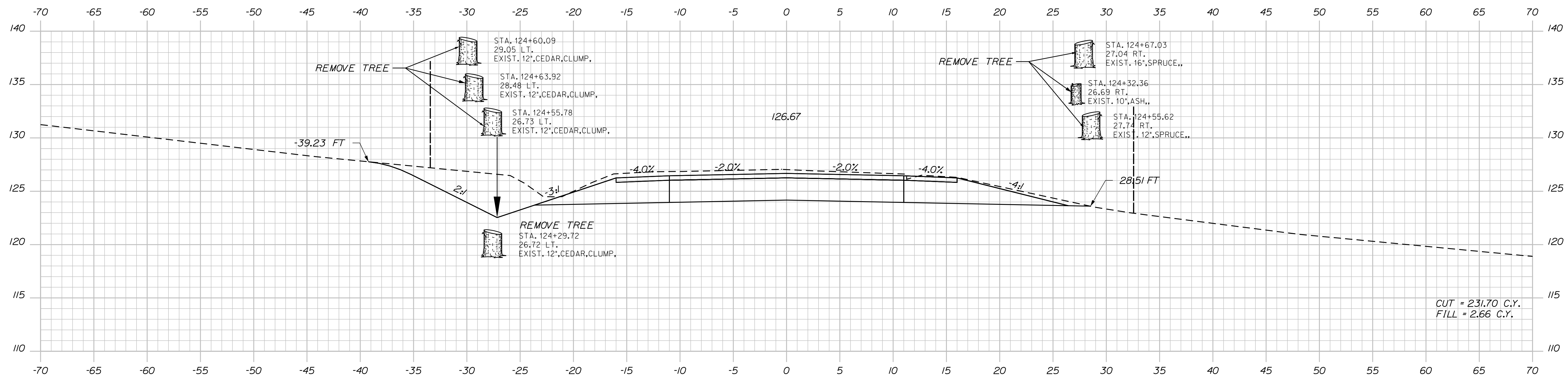
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123+33.28

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
E. MARTIN	N. COLLINS	J. HARDEN	T. WHITE					
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE

CAMDEN	CROSS SECTIONS
ROUTE 1	



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
NH-1828(300)	
WIN	HIGHWAY PLANS
18283.00	

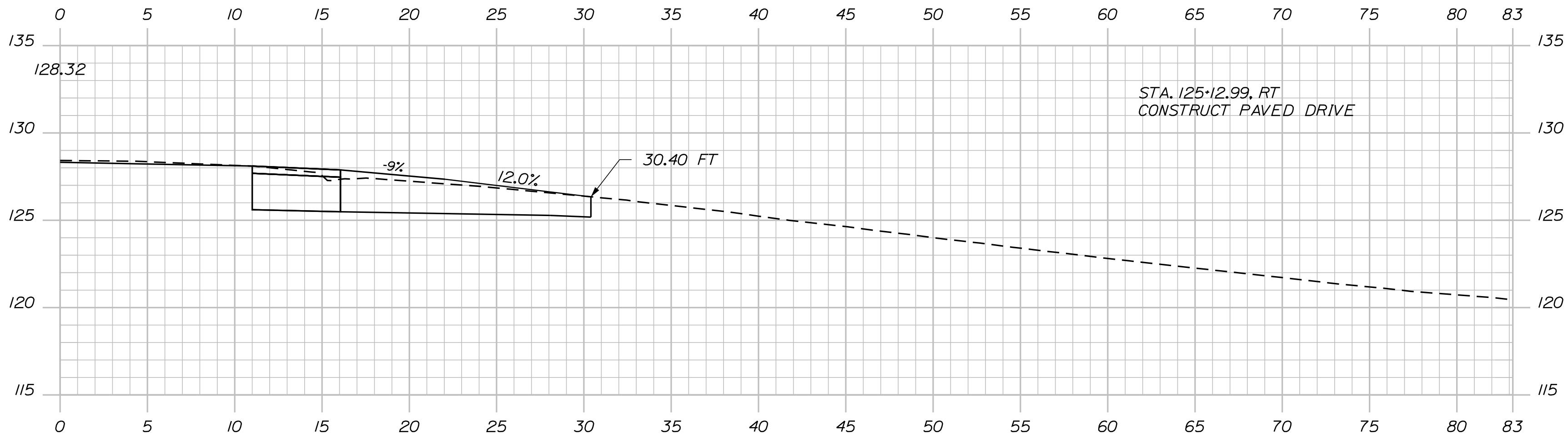
PROJ. MANAGER	E.MARTIN	BY	DATE
DESIGN-DETAILED	N.COLLINS	J.HARDEN	
CHECKED-REVIEWED			
DESIGN-2 DETAIL	C2	J. WHITE	FEB 2020
DESIGN-3 DETAIL	D03		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
DATE			

CAMDEN
 ROUTE 1
 CROSS SECTIONS

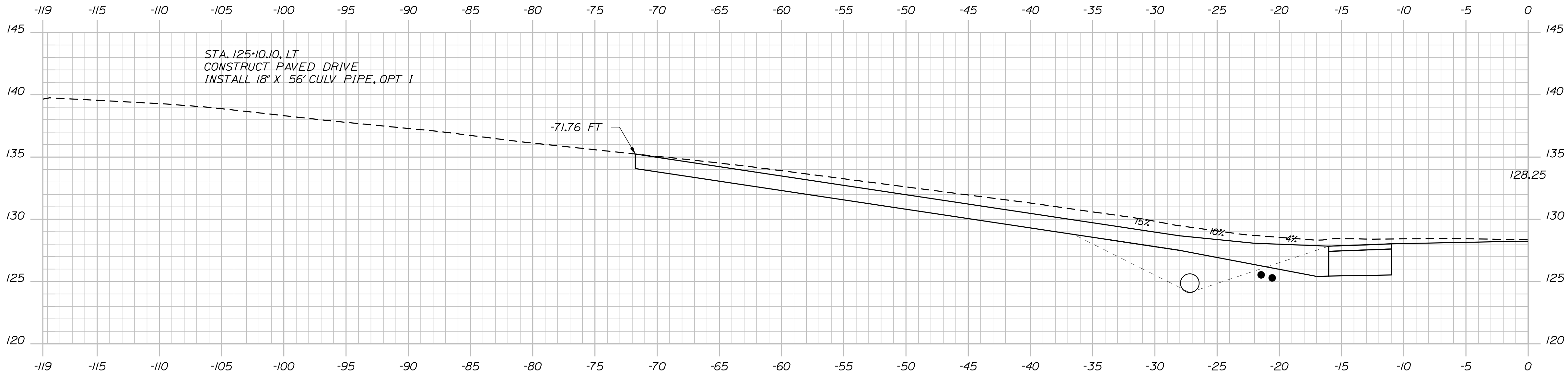
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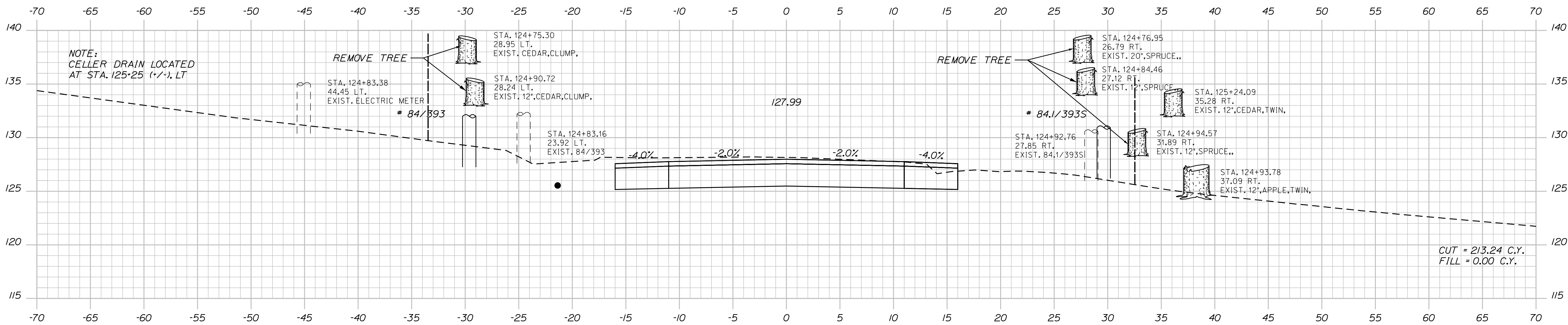
OF 163



125+12.99



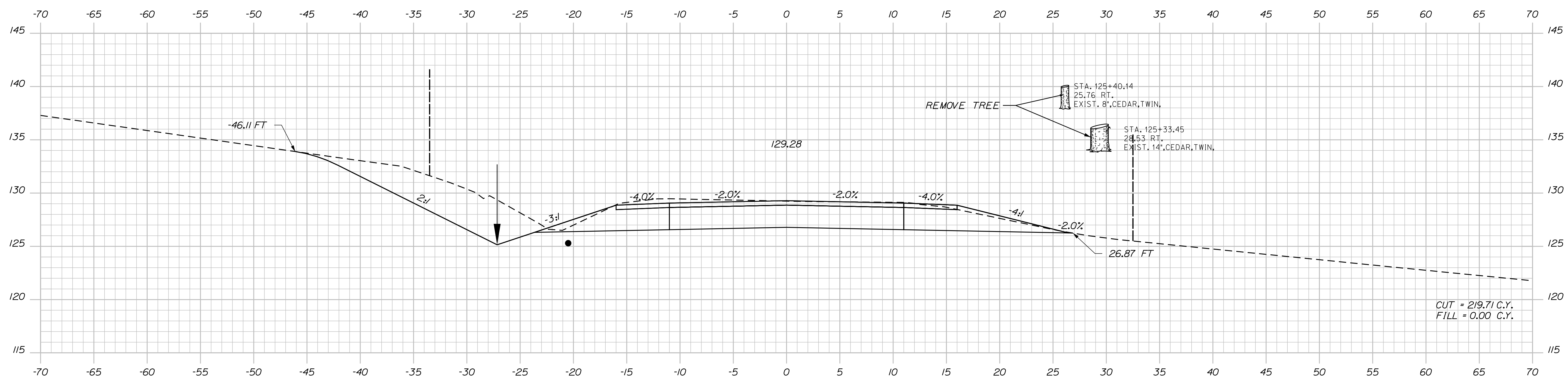
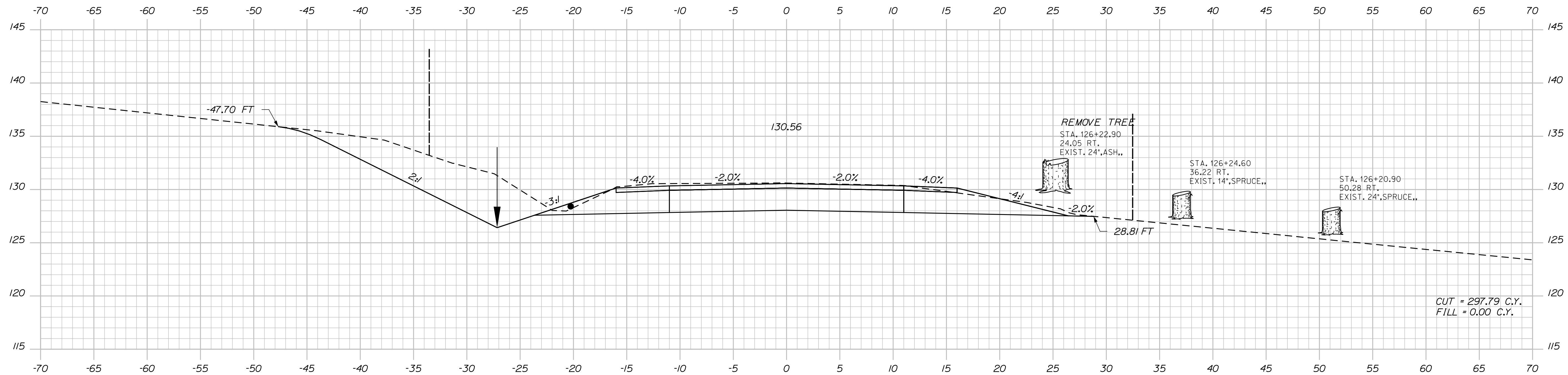
125+10.10



125+00.00

PROJ. MANAGER	BY	DATE	SIGNATURE
E. MARTIN	J. HARDEN	FEB 2020	
DESIGN-DETAILED	N. COLLINS		
CHECKED-REVIEWED	T. WHITE		
DESIGN-DETAILED	C. RUSSELL		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CAMDEN
ROUTE 1
CROSS SECTIONS



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
NH-1828(300)	
WIN	HIGHWAY PLANS
18283.00	

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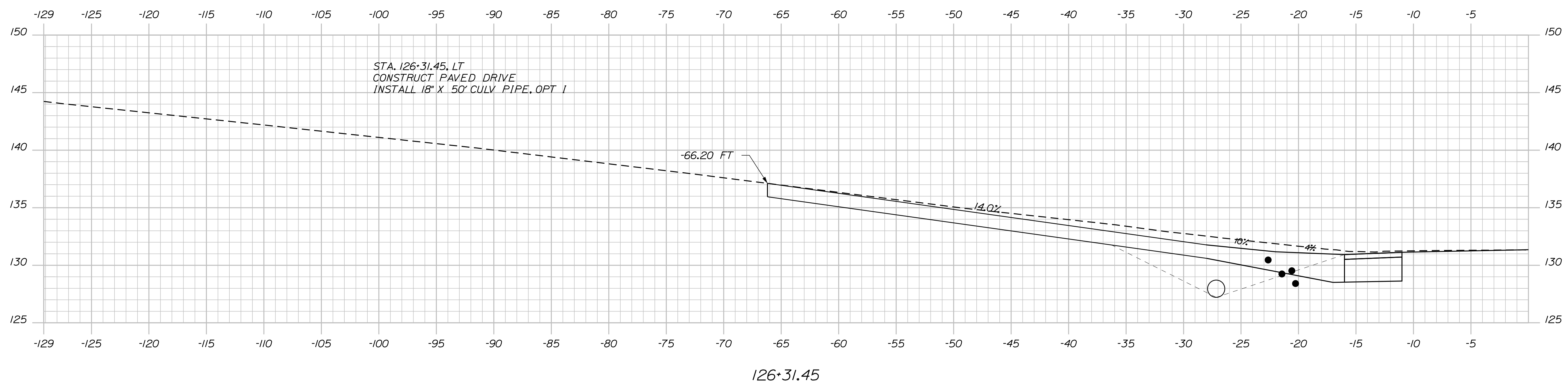
CAMDEN
ROUTE 1

CROSS SECTIONS

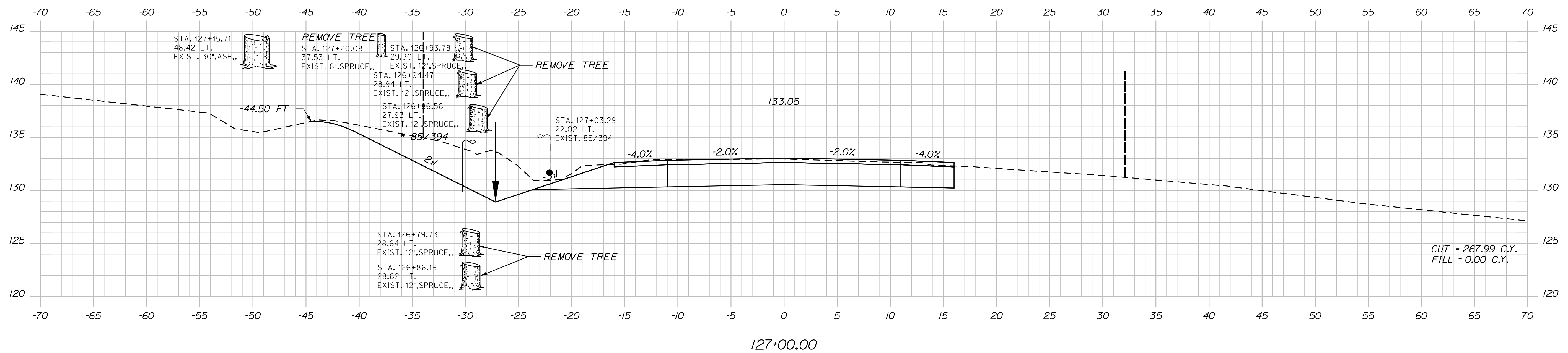
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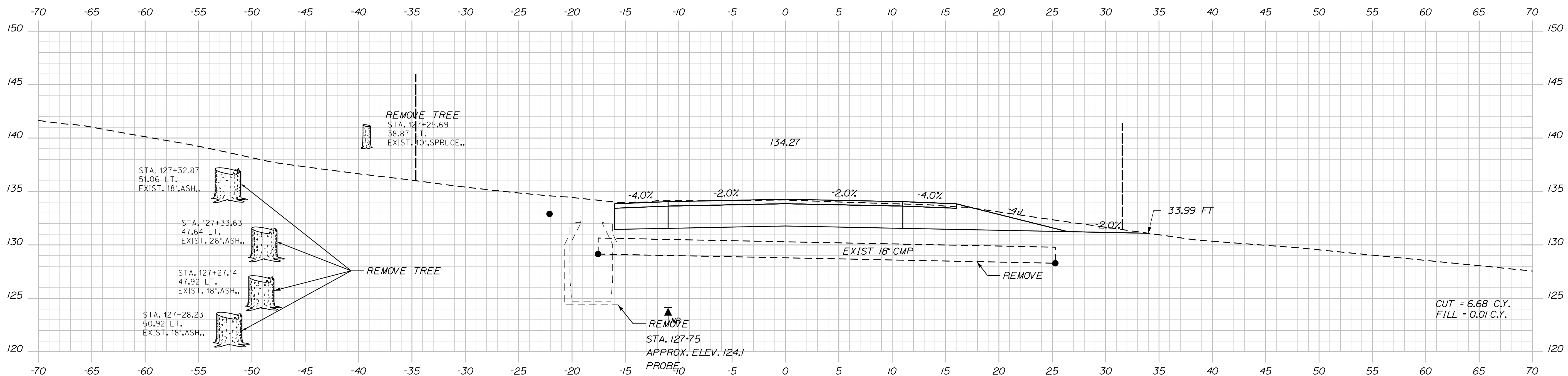
OF 163



93	SHEET NUMBER	CAMDEN ROUTE 1	CROSS SECTIONS	PROJ. MANAGER	E. MARTIN	BY	DATE
				DESIGN-DETAILED	N. COLLINS	J. HARDEN	
OF 163				CHECKED-REVIEWED			
				DESIGN2-DETAILED2	C. ROSSSELL	T. WHITE	FEB 2020
				DESIGN3-DETAILED3			
				REVISIONS 1			
				REVISIONS 2			
				REVISIONS 3			
				REVISIONS 4			
				FIELD CHANGES			
				STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
				NH-1828(300)		WIN 18283.00	
						SIGNATURE	
						P.E. NUMBER	
						DATE	
						HIGHWAY PLANS	



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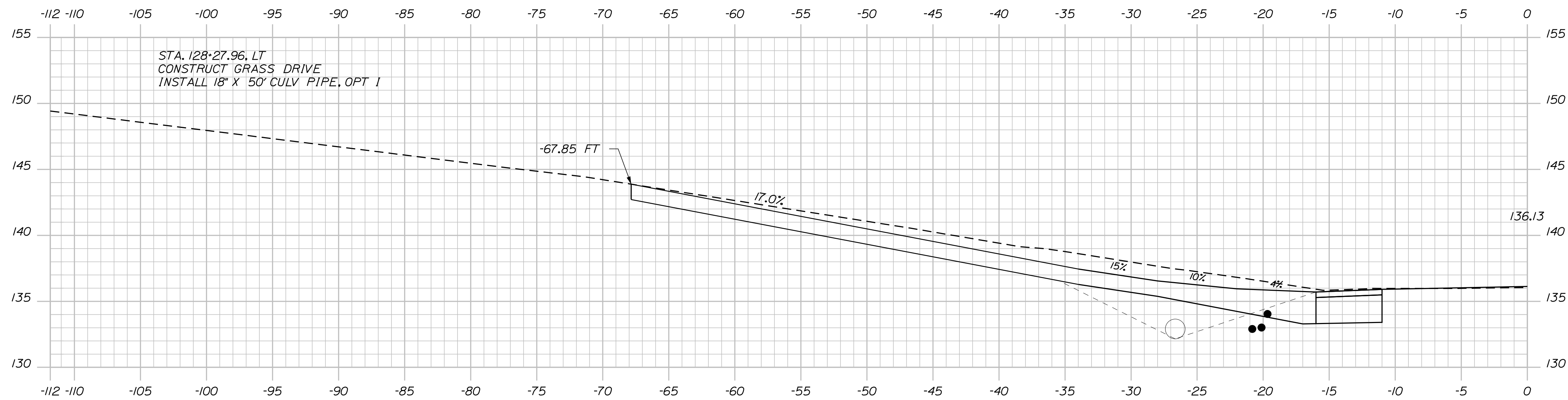


SHEET NUMBER

95

OF 163

Filename: ... \MSTA\096_XSECT_128+27_070.dgn



Sta. 128+27.96 to Sta. 128+50.00

<div>CAMDEN ROUTE 1</div> <div>CROSS SECTIONS</div>	PROJ. MANAGER	E. MARTIN	BY	DATE	<div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>NH-1828(300)</div> <div>WIN 18283.00</div> <div>HIGHWAY PLANS</div>
	DESIGN-DETAILED	N. COLLINS	J. HARDEN		
	CHECKED-REVIEWED				
	DESIGN2-DETAILED02	C. RUSSELL	T. WHITE	FEB 2020	
	DESIGN3-DETAILED03				
	REVISIONS 1				P.E. NUMBER
	REVISIONS 2				
	REVISIONS 3				
	REVISIONS 4				DATE
	FIELD CHANGES				

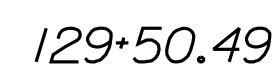
CAMDEN
ROUTE 1

CROSS SECTIONS

SHEET NUMBER

96

OF 163

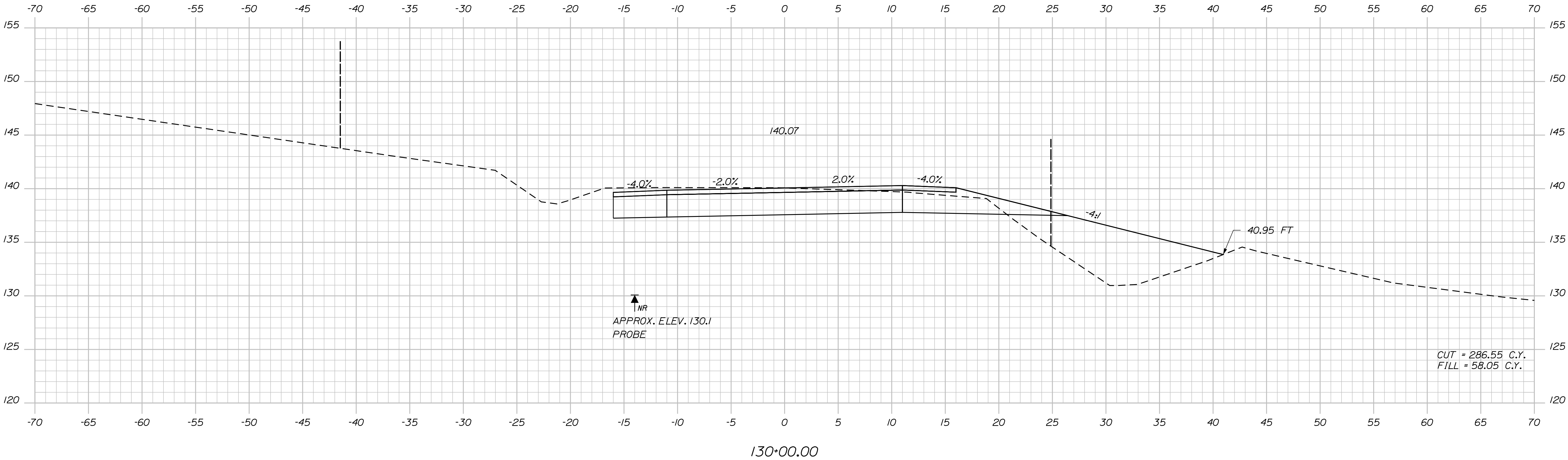
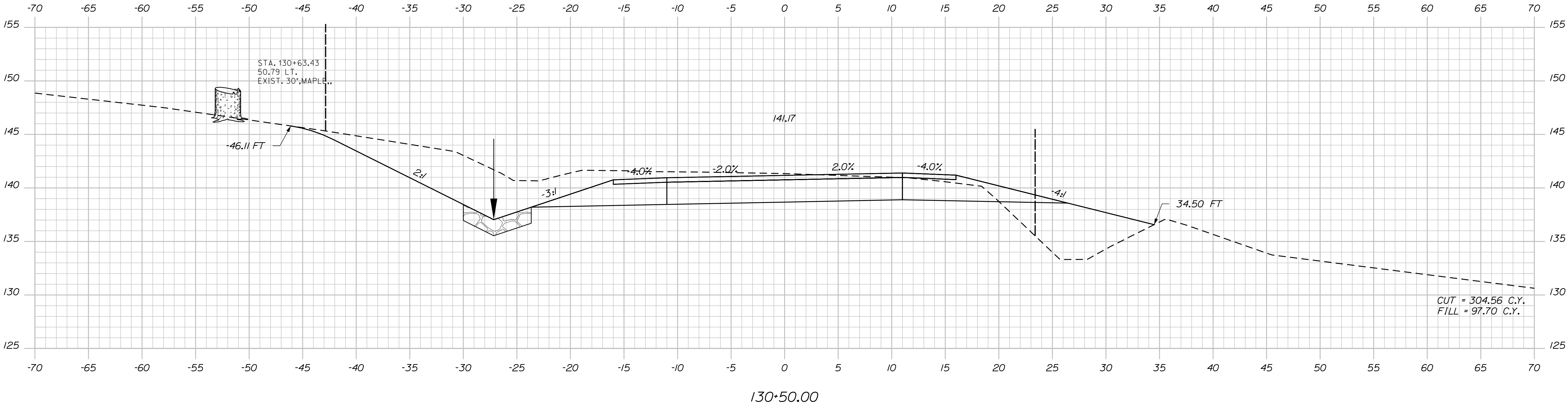


Username: notasha.m.collins

Date:1/21/2020

Division: HIGHWAY

Filename: ... \MSTAD099_XSECT_130+00_073.dgn



PROJ. MANAGER	BY	DATE
E. MARTIN	J. HARDEN	
DESIGN-DETAILED	N. COLLINS	
CHECKED-REVIEWED	T. WHITE	FEB 2020
DESIGN-DETAILED	C. RUSSELL	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

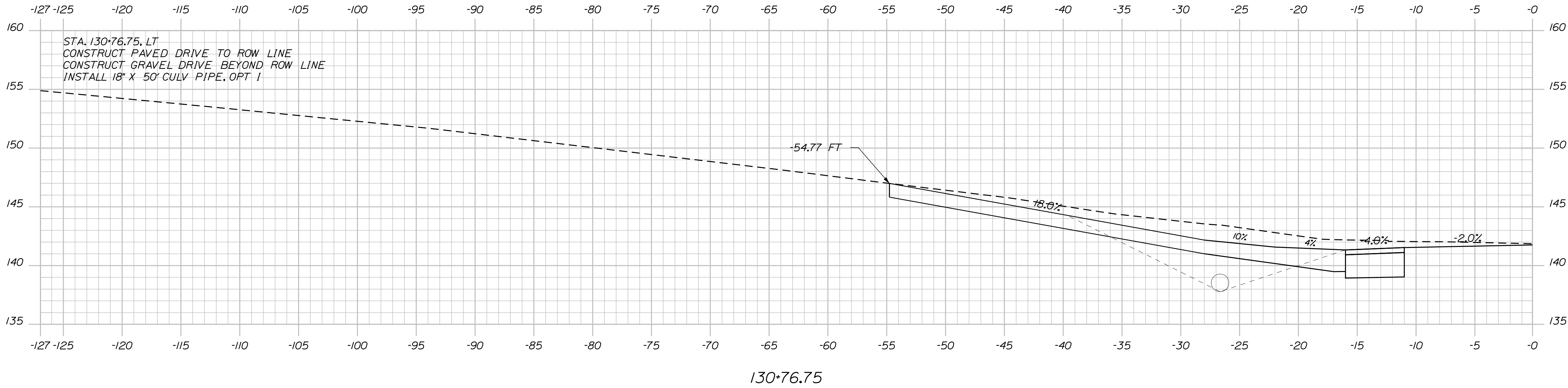
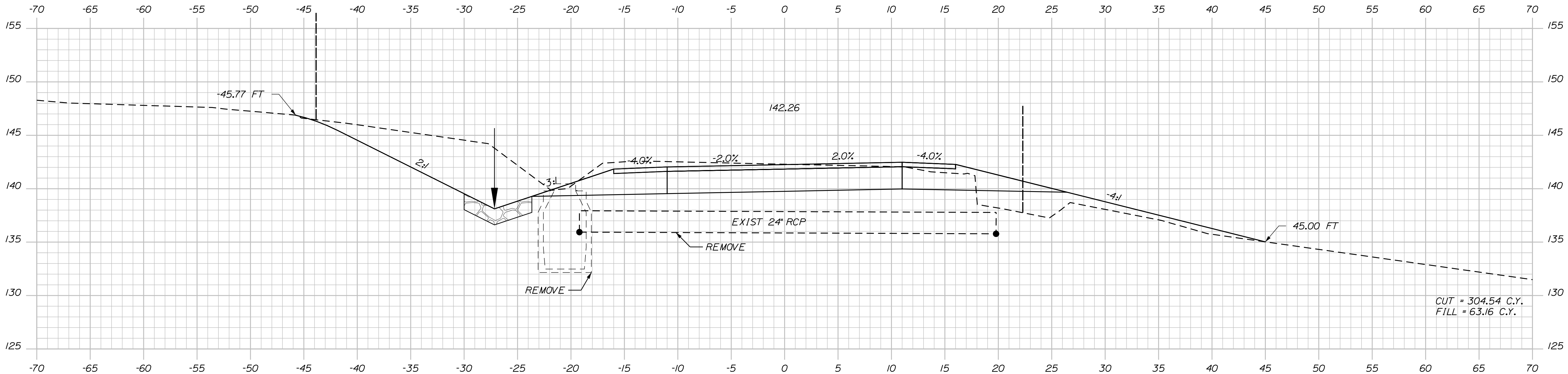
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P.E. NUMBER

DATE

CAMDEN
ROUTE 1

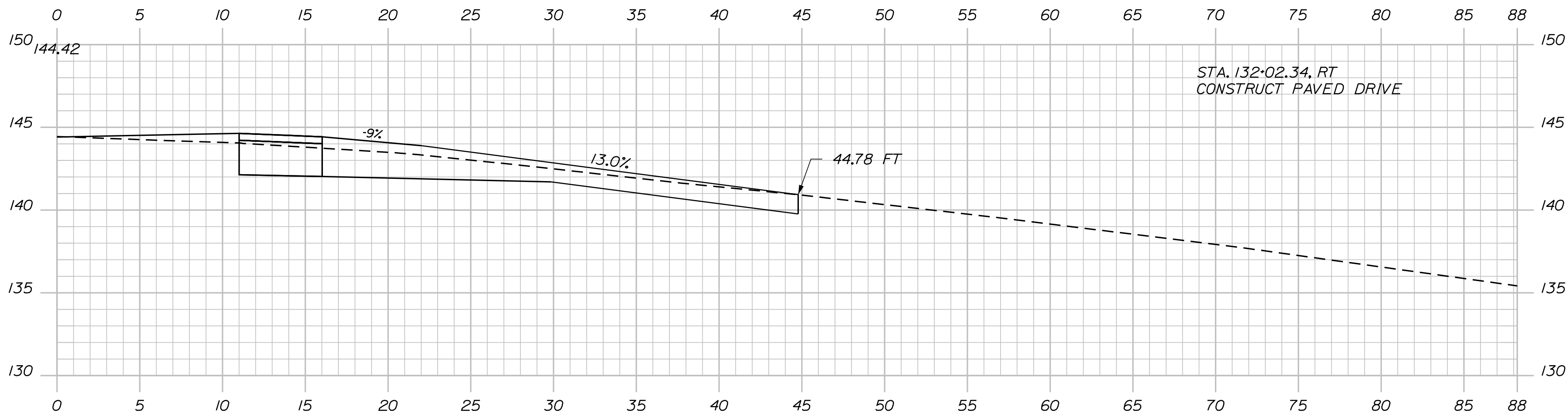
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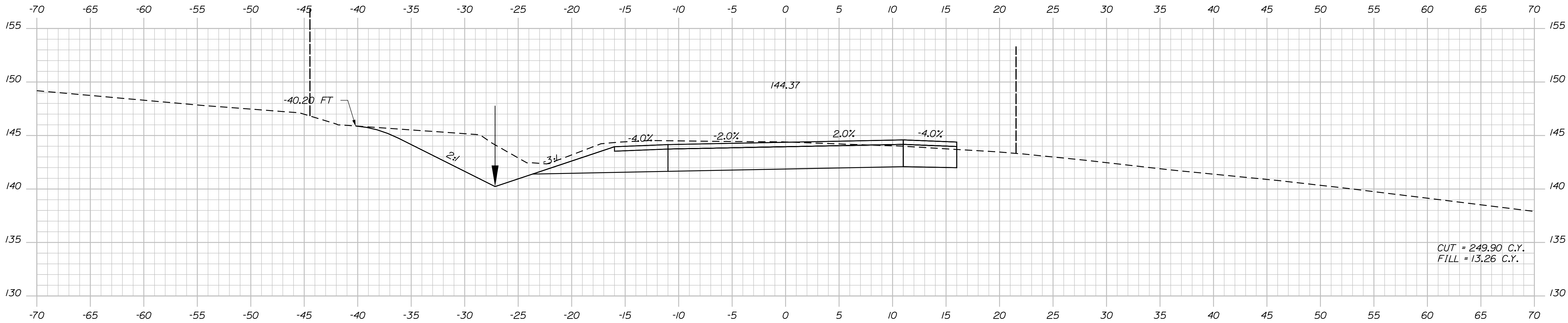
PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
E. MARTIN	N. COLLINS	J. HARDEN	T. WHITE					
DATE	SIGNATURE	P.E. NUMBER	DATE					

CAMDEN
ROUTE 1

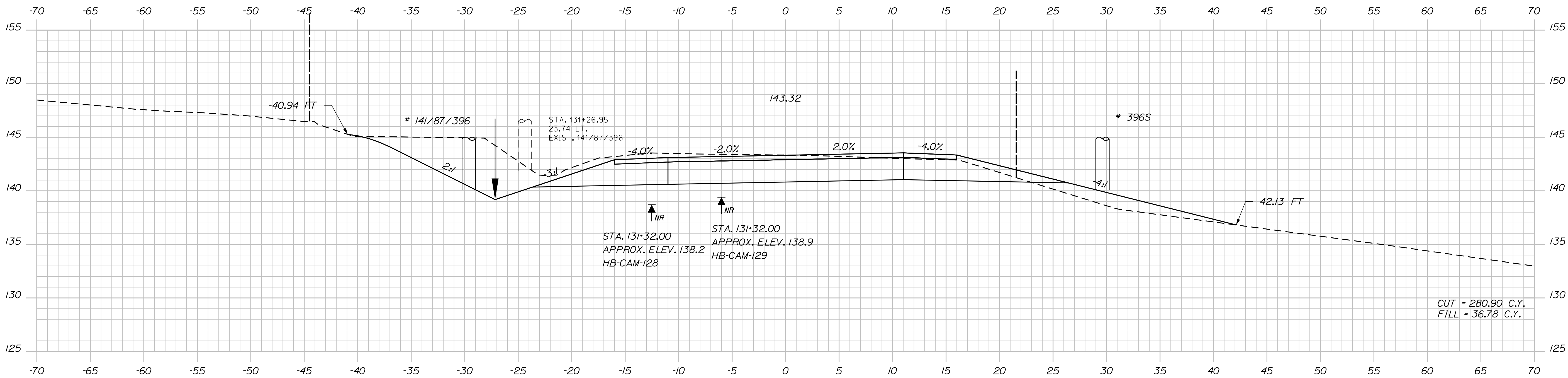
CROSS SECTIONS



132+02.34



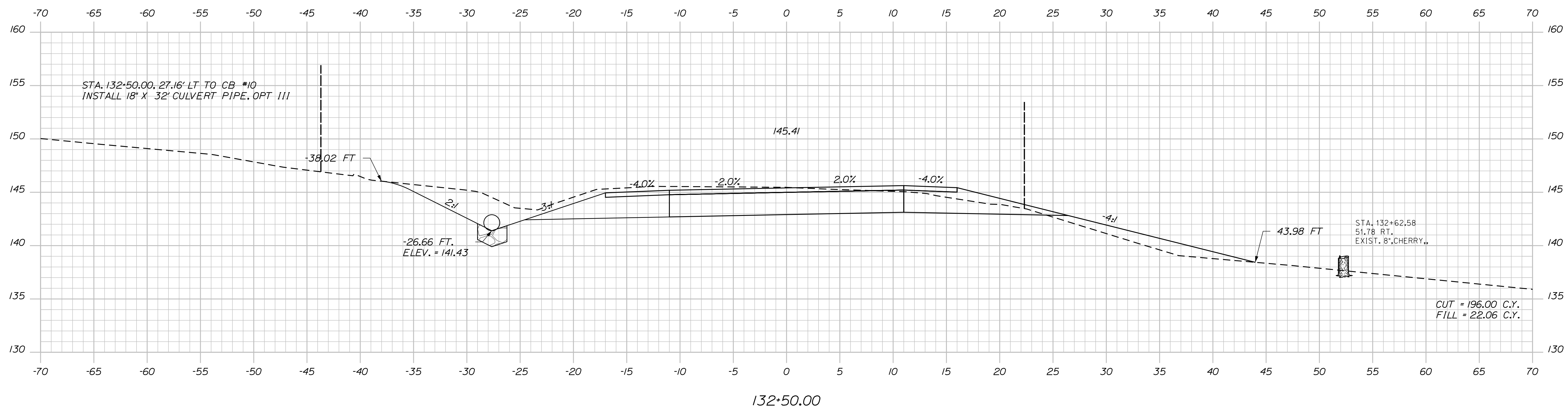
132+00.00



131+50.00

PROJ. MANAGER	BY	DATE	SIGNATURE
E. MARTIN	J. HARDEN	FEB 2020	
CHECKED-DETAILED	N. COLLINS		
DESIGNED-DETAILED	T. WHITE		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CAMDEN
ROUTE 1
CROSS SECTIONS



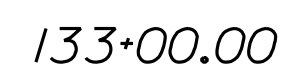
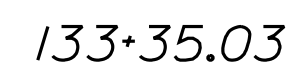
PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	N. COLLINS	J. HARDEN	
CHECKED-REVIEWED			
DESIGN2-DETAILED2	C. ROSSSELL	T. WHITE	FEB 2020
DESIGN3-DETAILED3			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
			SIGNATURE
			P.E. NUMBER
			DATE

CAMDEN ROUTE 1
CROSS SECTIONS

SHEET NUMBER

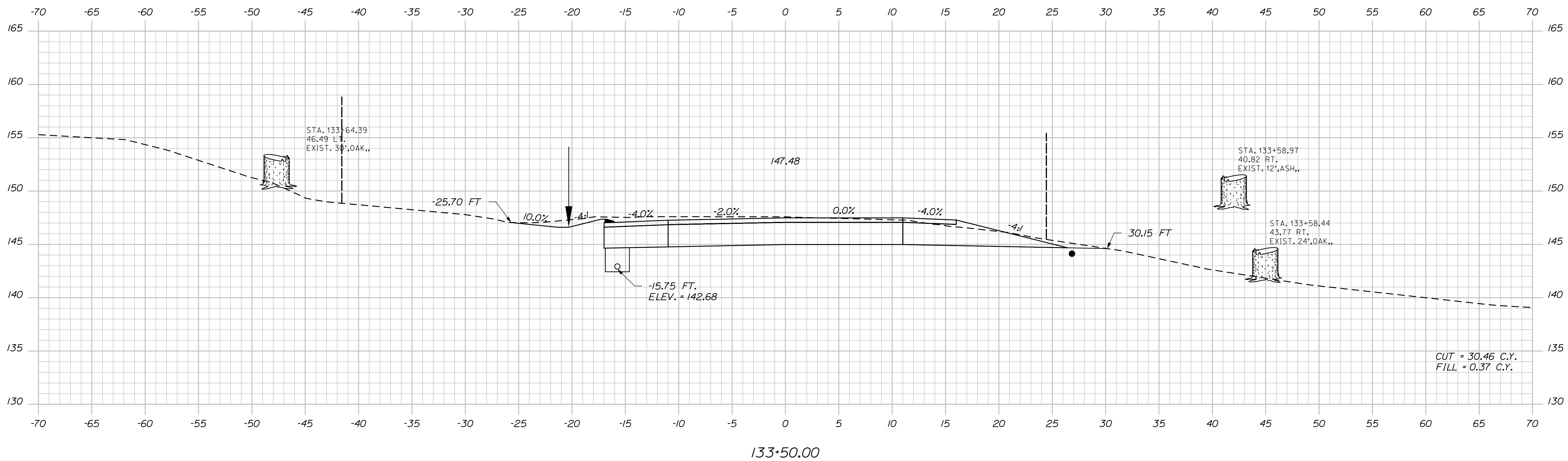
102

OF 163



SHEET NUMBER
103
OF 163

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SHEET NUMBER

104

OF 163

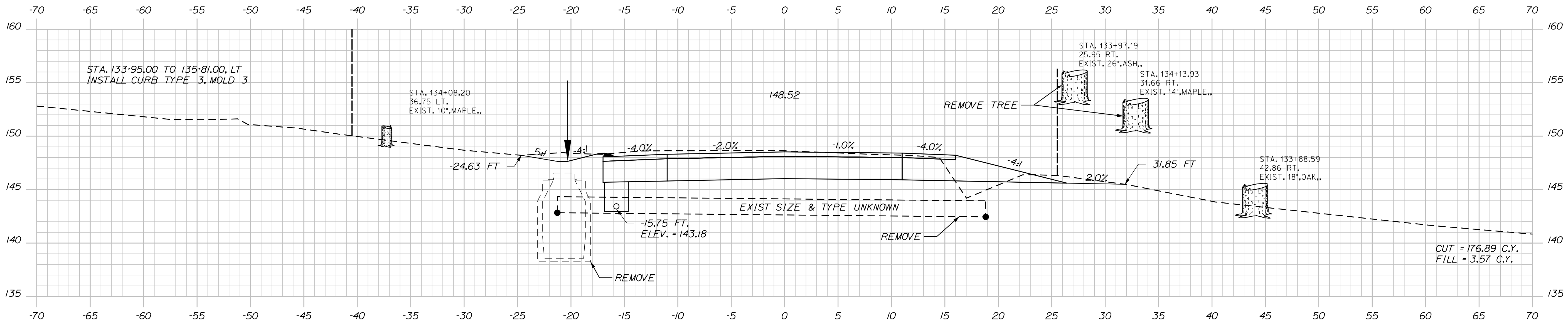
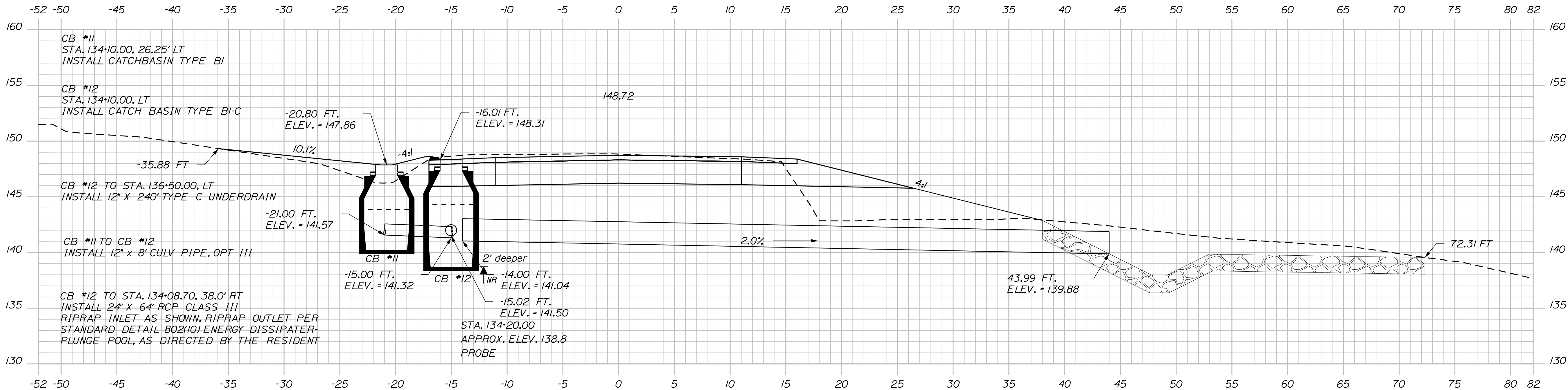
Sta. 133+50.00 to Sta. 133+77.06

Username: notasha.m.colins

Date:1/21/2020

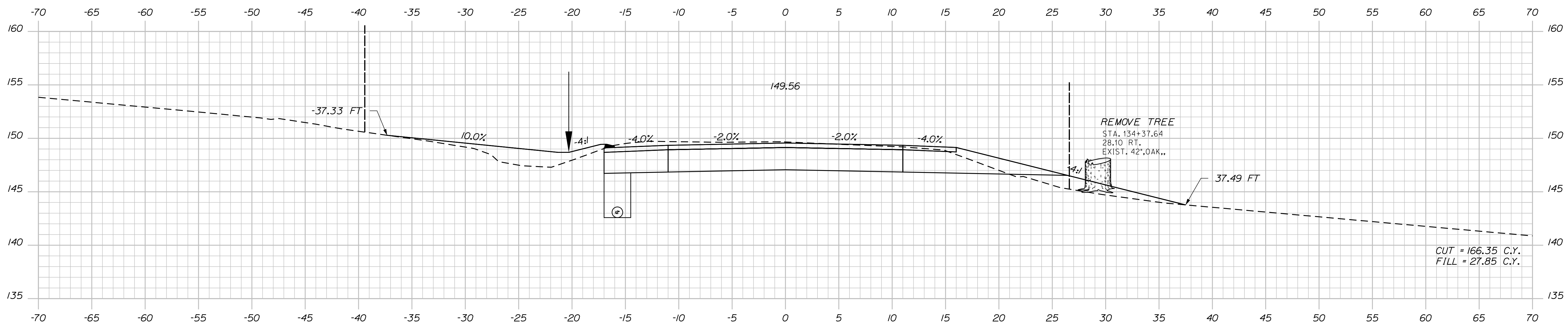
Division: HIGHWAY

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PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DESIGN-DETAILED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
E. MARTIN	N. COLLINS	J. HARDEN	T. WHITE					
DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE

CAMDEN
ROUTE 1
CROSS SECTIONS



134+50.00

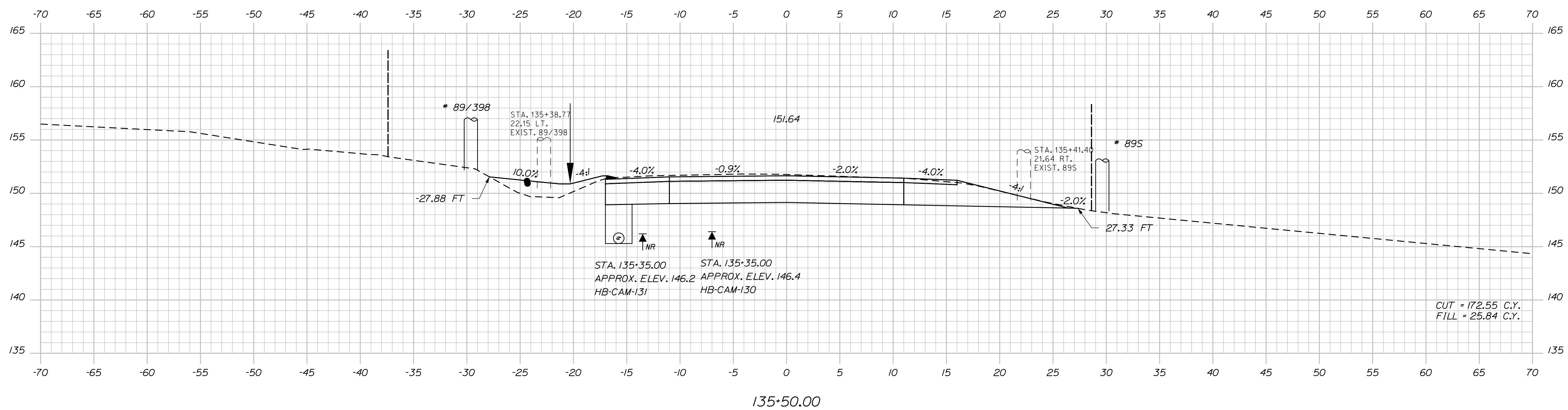
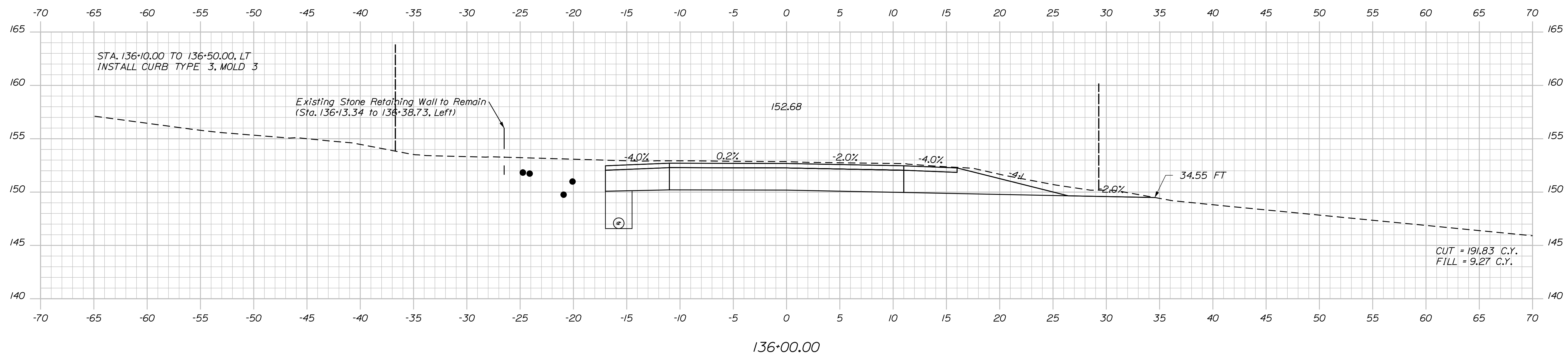
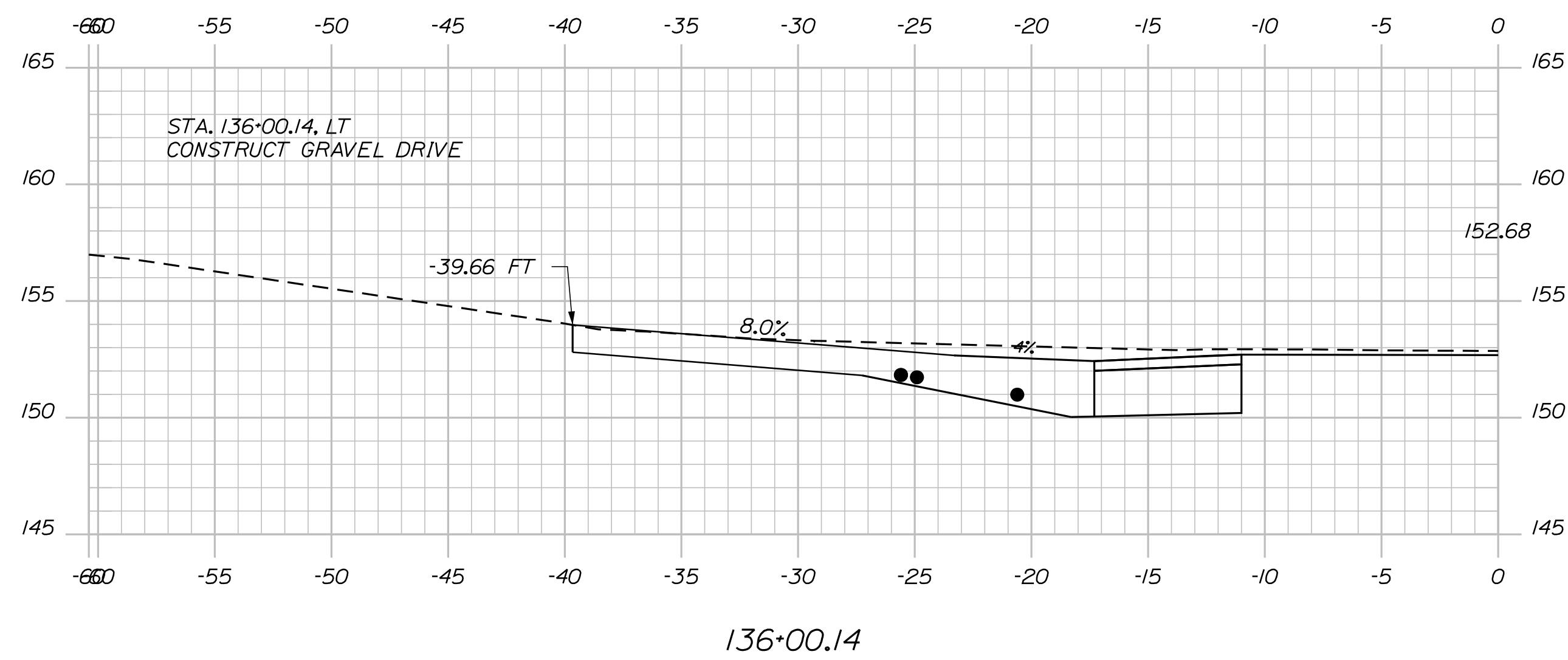
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FILL = 27.85 C.Y.

CAMDEN ROUTE 1	CROSS SECTION
SHEET NUMBER	

SHEET NUMBER

106

OF 163



STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN
19902

HIGHWAY PLANS

CAMDEN
ROUTE 1

CROSS SECTIONS

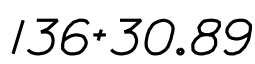
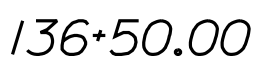
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107

OF 163

Sta. 135+50.00 to Sta. 136+00.14

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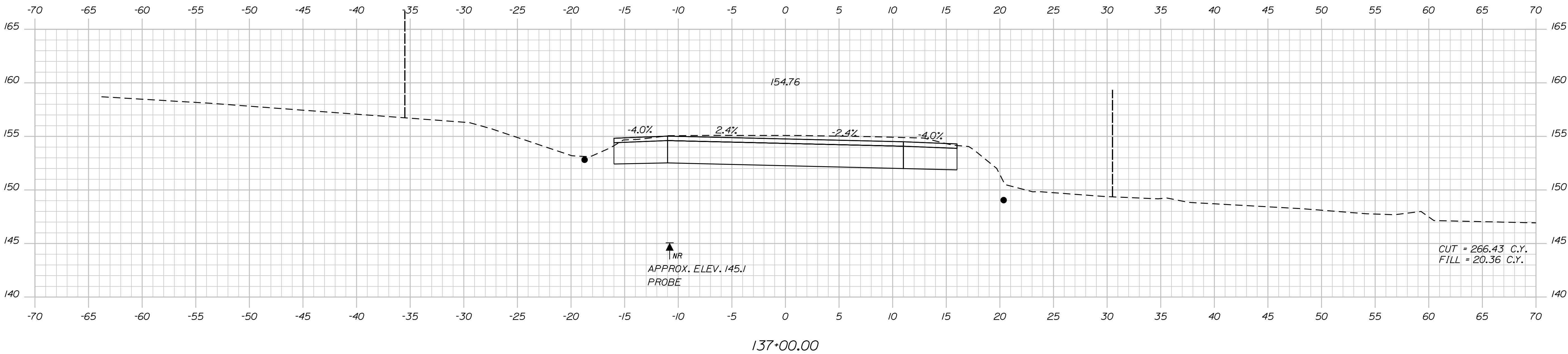
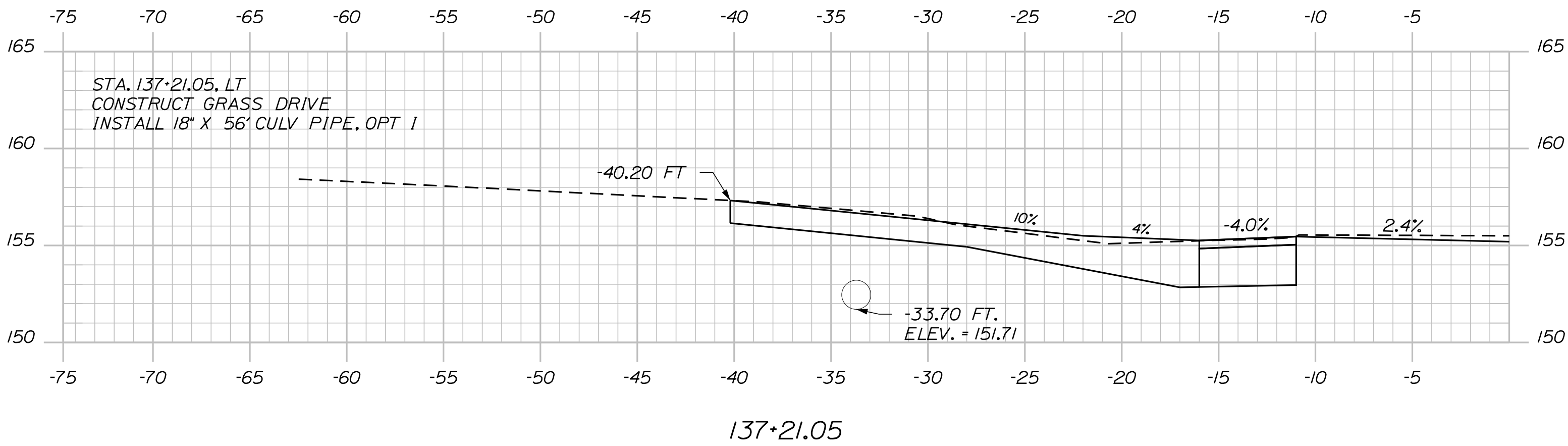
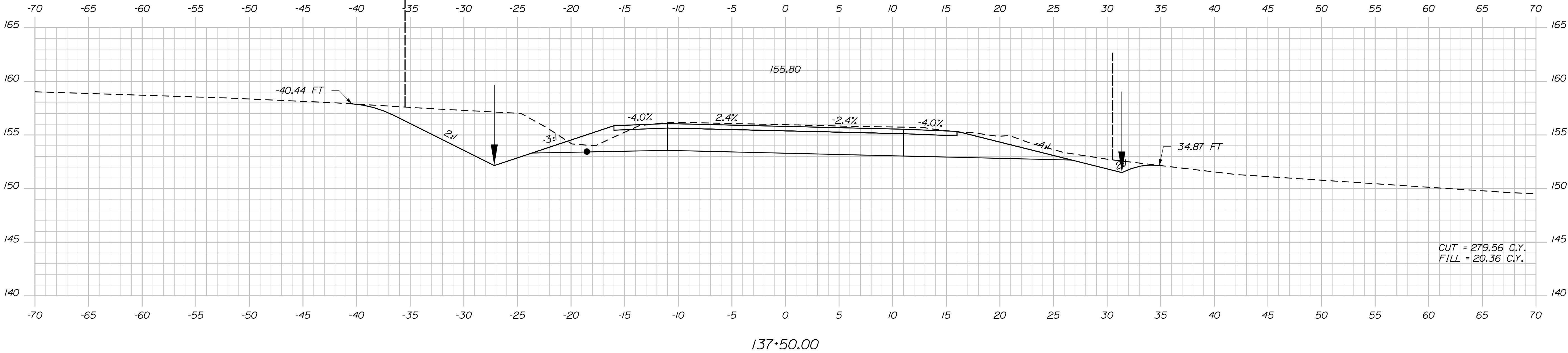
SHEET NUMBER		CAMDEN ROUTE 1		PROJ. MANAGER E. MARTIN	BY J. HARDEN	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
108 OF 163		CROSS SECTIONS		DESIGN-DETAILED	N. COLLINS		SIGNATURE	
				CHECKED-REVIEWED				
				DESIGN-DETAIL D02	C. RUSSELL	FEB 2020	P.E. NUMBER	
				DESIGN-DETAIL D03				
				REVISIONS 1				
REVISIONS 2			DATE					
REVISIONS 3								
REVISIONS 4								
		FIELD CHANGES					WIN 18283.00	HIGHWAY PLANS

Date:1/21/2020

Username: notasha.m.collins

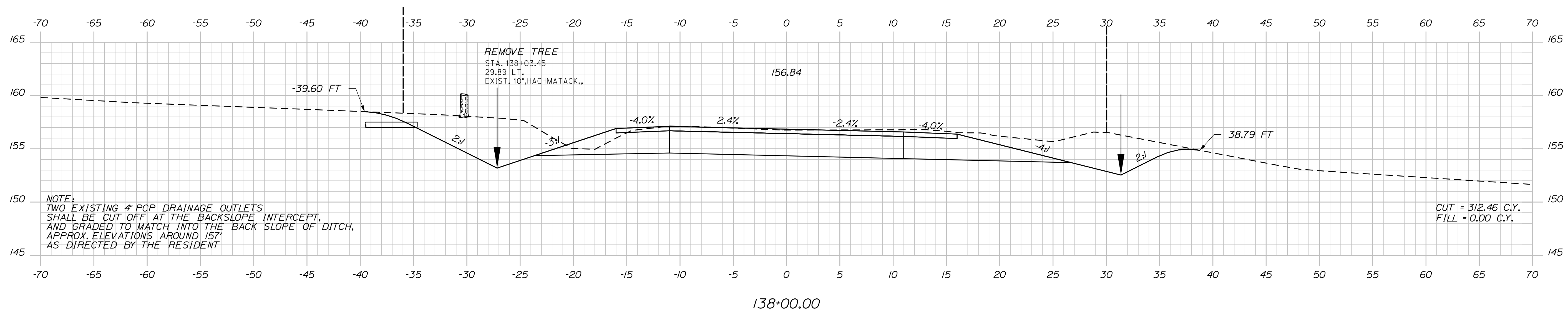
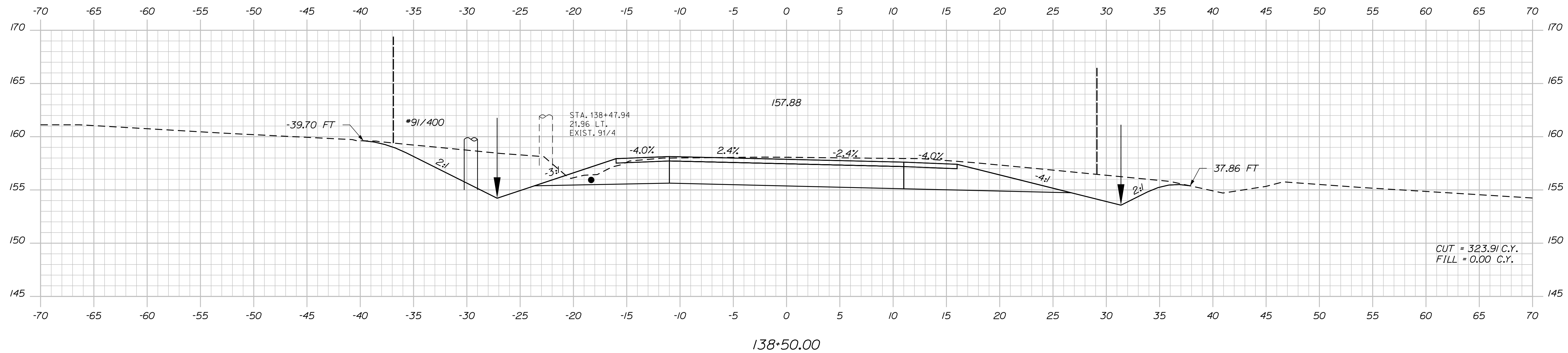
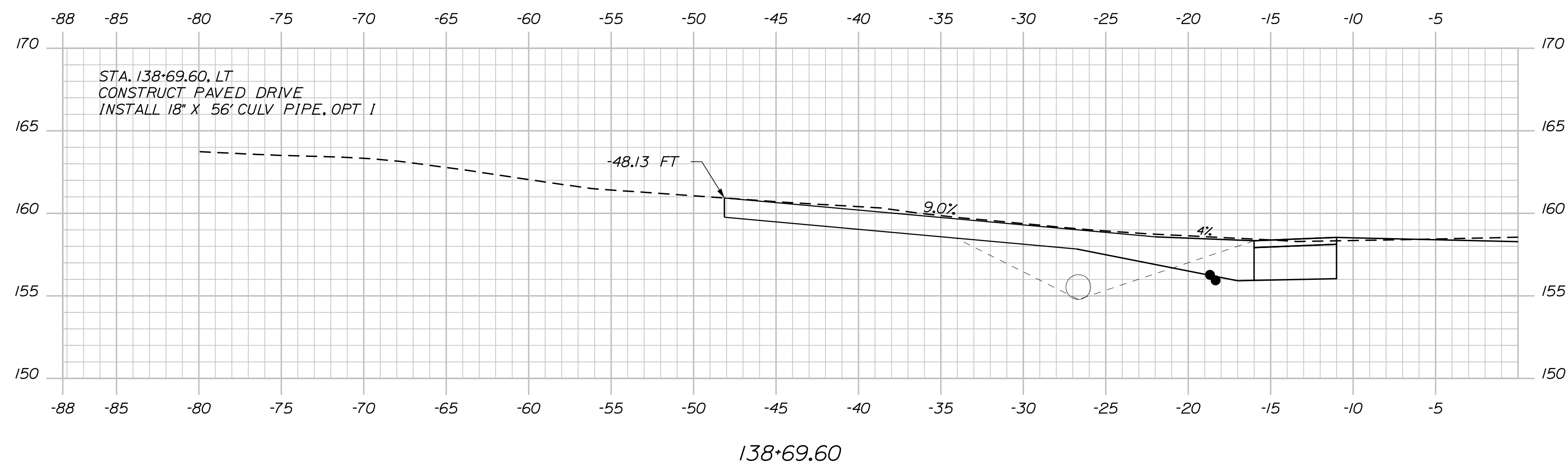
Division: HIGHWAY

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PROJ. MANAGER	BY	DATE
E. MARTIN	J. HARDEN	FEB 2020
CHECKED-REVIEWED	N. COLLINS	T. WHITE
DESIGN-DETAILED	C. RUSSELL	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

CAMDEN ROUTE 1	CROSS SECTIONS
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STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
NH-1828(300)	
WIN	HIGHWAY PLANS
18283.00	

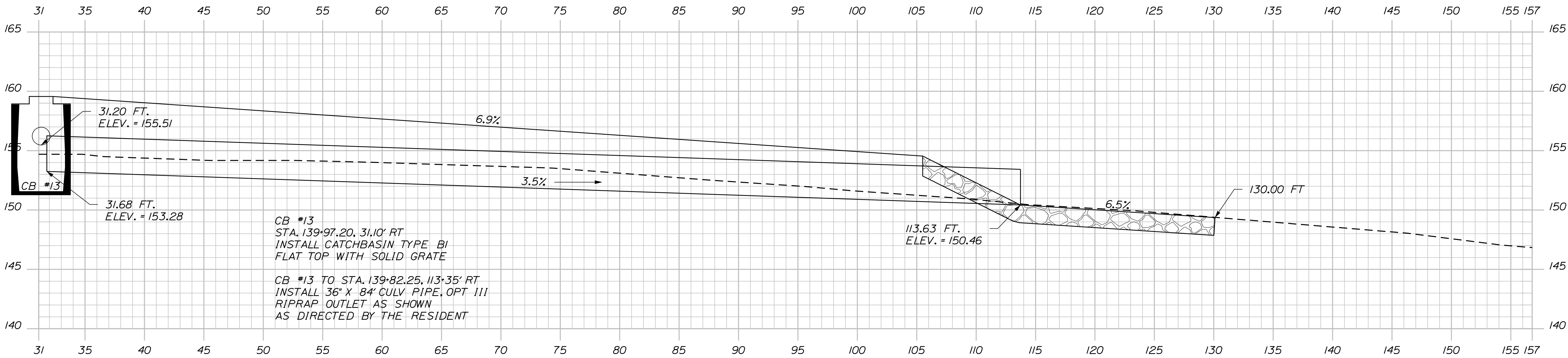
PROJ. MANAGER	E. MARTIN	BY	DATE	
CHECKED	N. COLLINS	J. HARGEN		
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DESIGN-2 OF 2	C. RUSSELL	T. WHITE	FEB 2020	SIGNATURE
DESIGN-3 OF 2				
DESIGN-4 OF 2				
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CAMDEN
 ROUTE 1
 CROSS SECTIONS

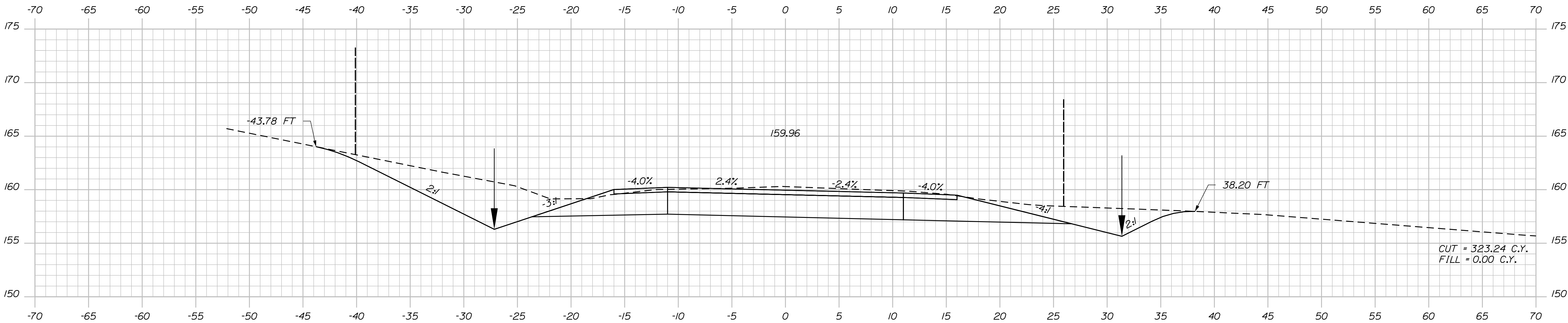
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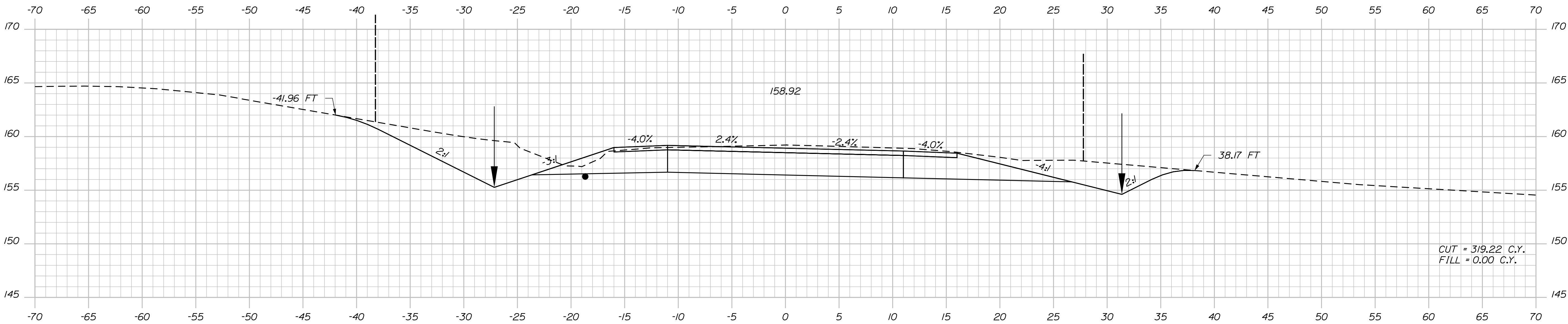
OF 163



139+97.20



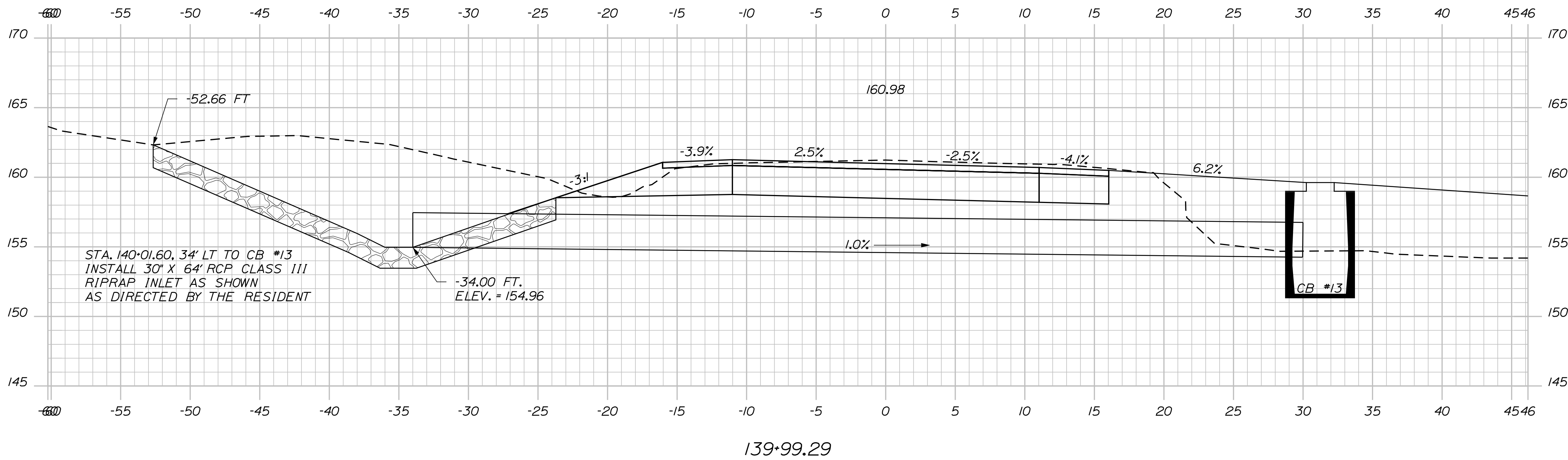
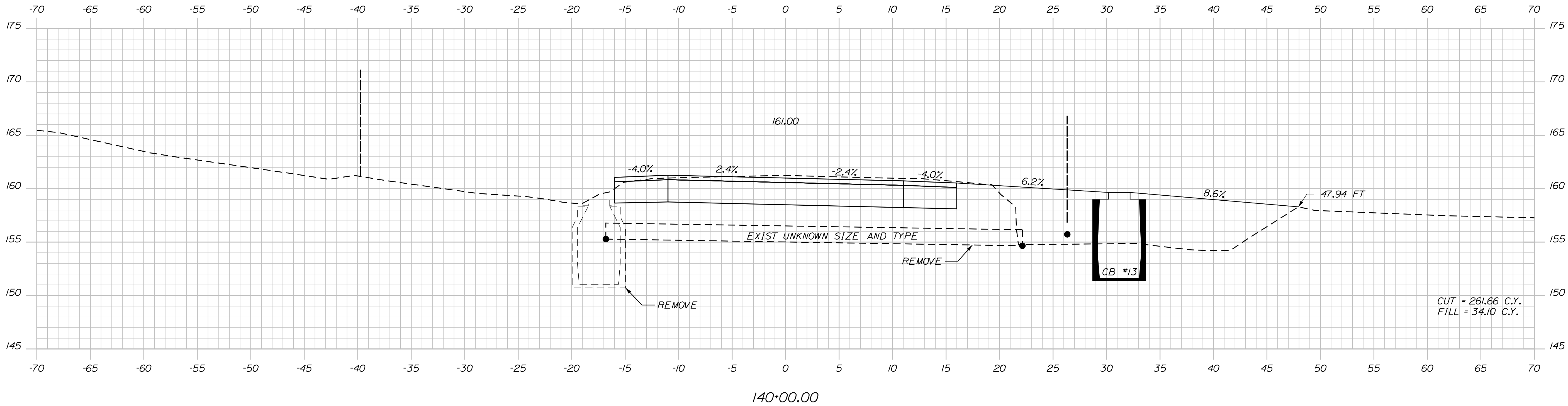
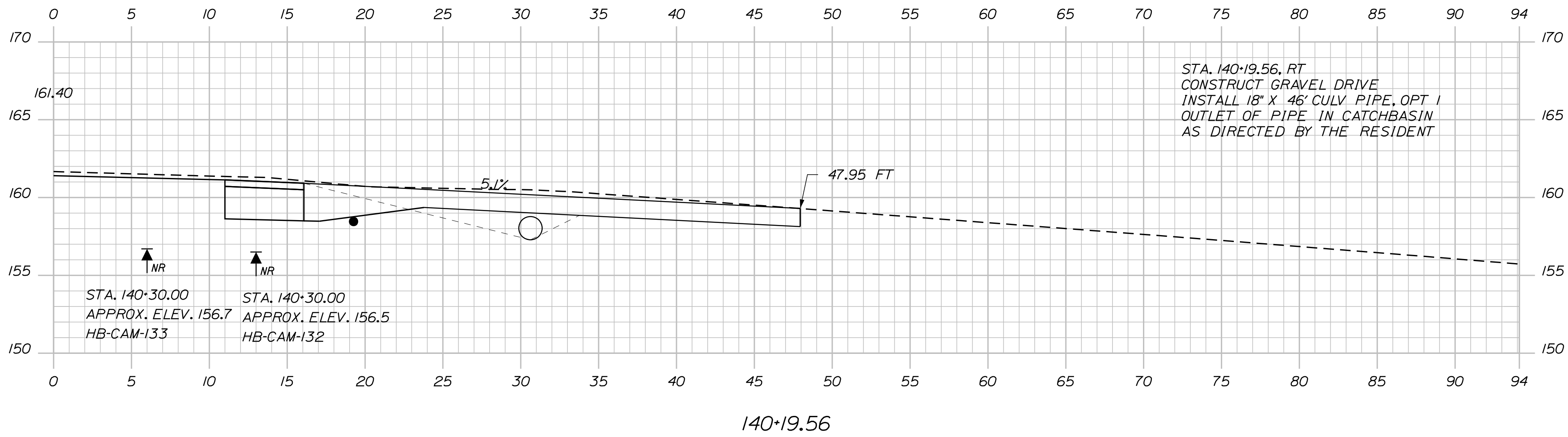
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139+00.00

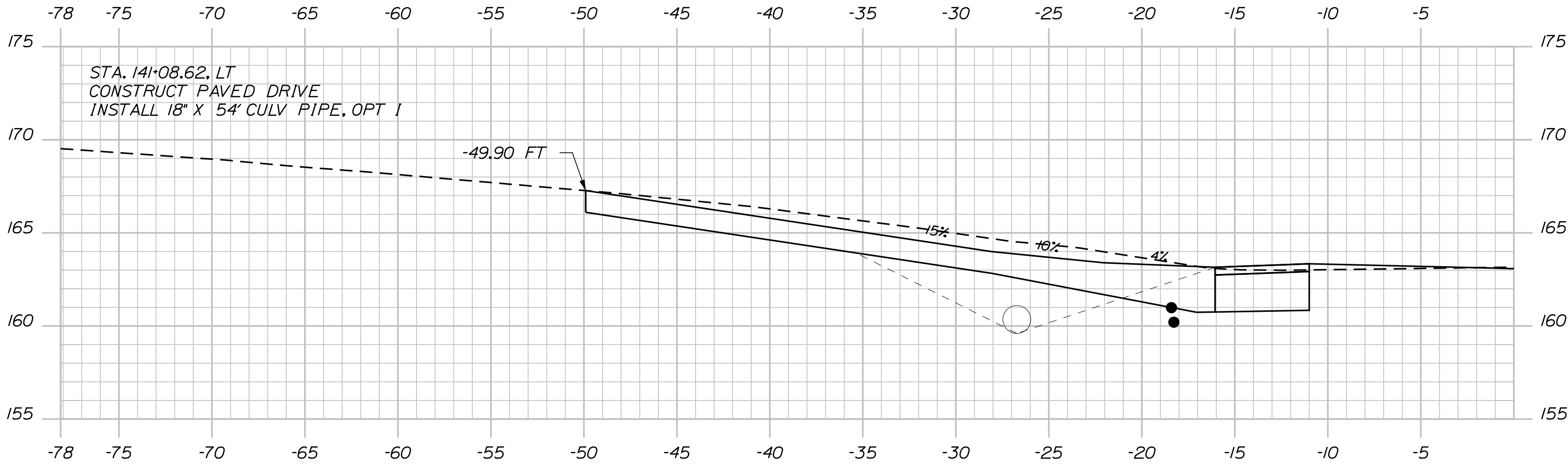
PROJ. MANAGER	BY	DATE	SIGNATURE
E. MARTIN	J. HARDEN	FEB 2020	
CHECKED-REVIEWED	N. COLLINS		
DESIGNED-DETAILED	T. WHITE		
DESIGNED-DETAILED	C. RUSSELL		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CAMDEN
ROUTE 1
CROSS SECTIONS

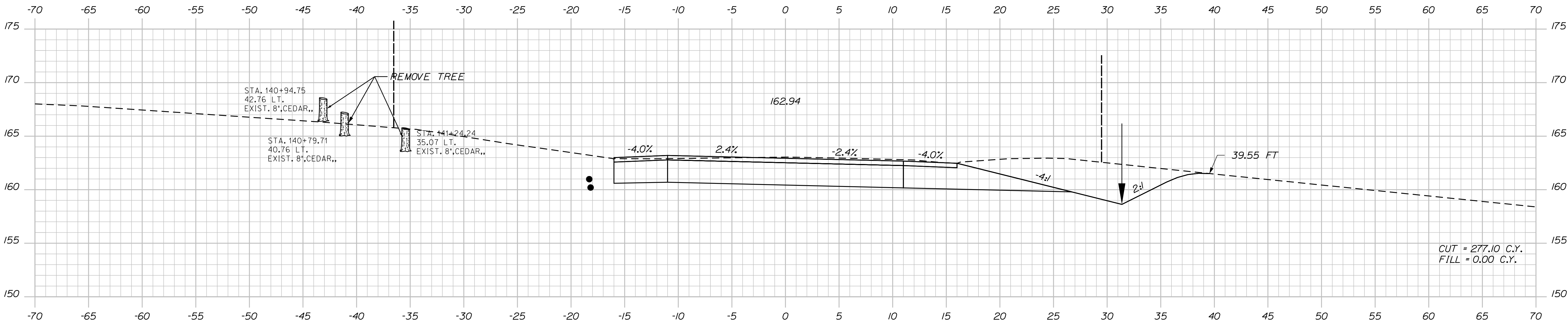


PROJ. MANAGER	BY	DATE	SIGNATURE
E. MARTIN	J. HARDEN	FEB 2020	
CHECKED-REVIEWED	N. COLLINS		
DESIGNED-DETAILED	C. RUSSELL		
DESIGNS DETILED	T. WHITE		
REVISIONS 1			
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REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

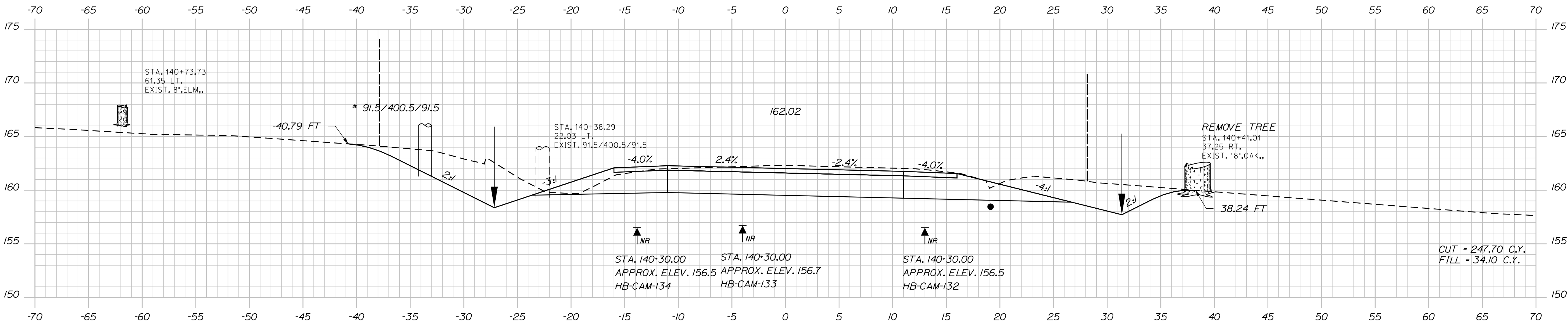
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ROUTE 1
CROSS SECTIONS



141+08.62



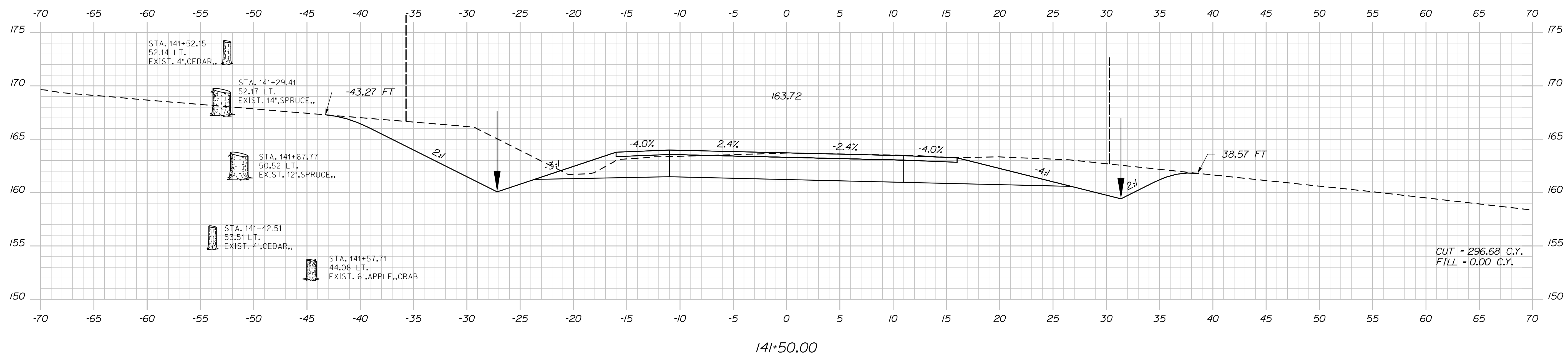
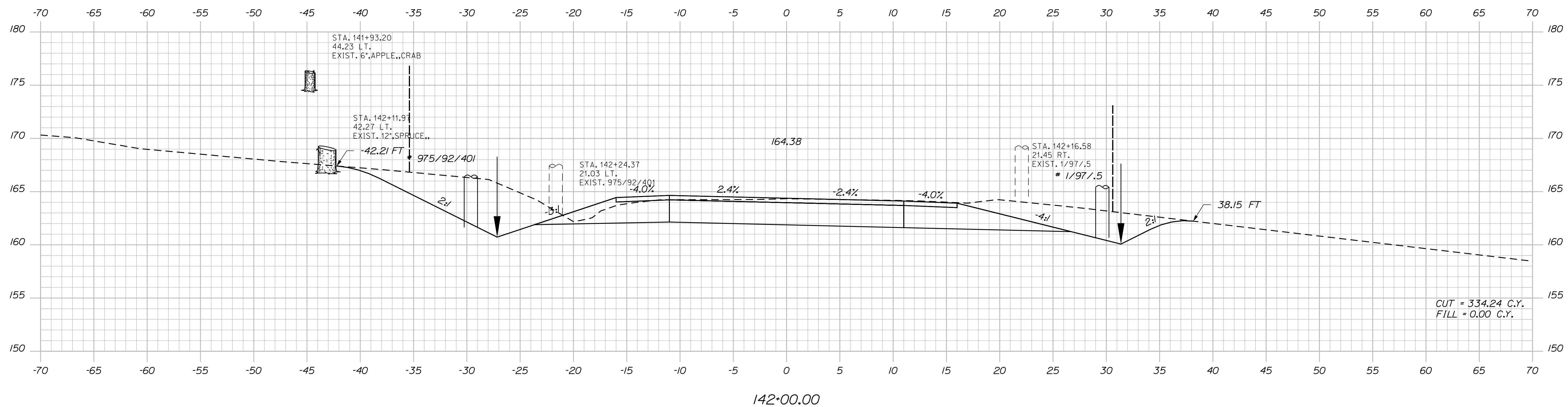
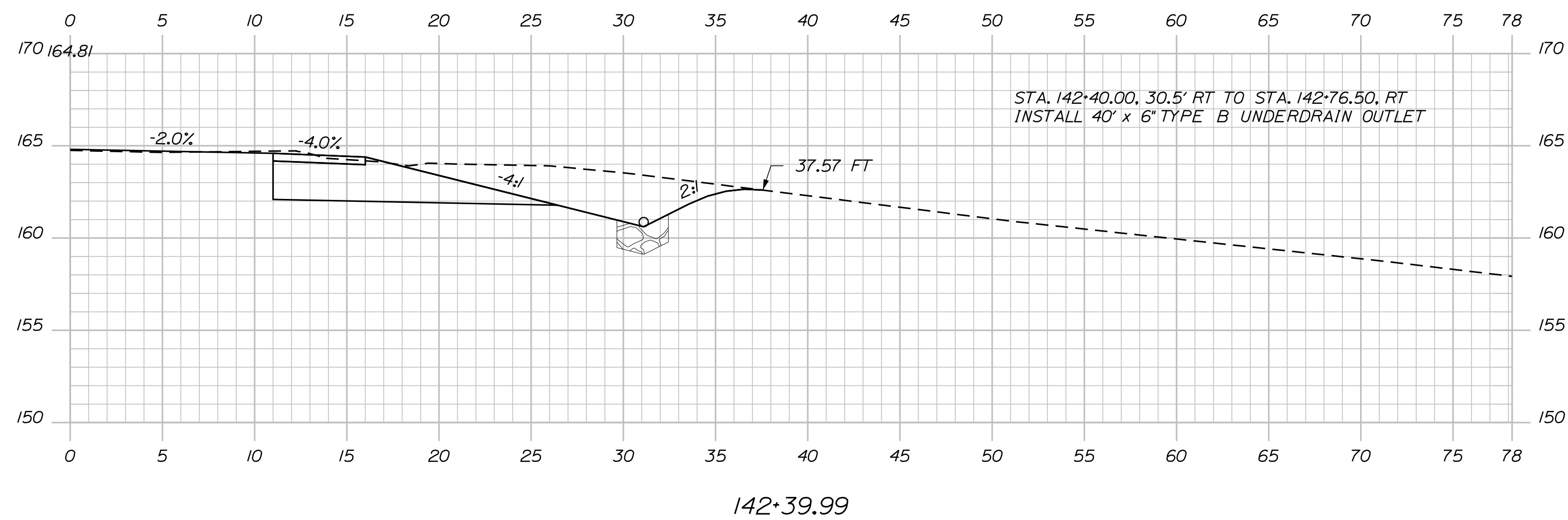
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PROJ. MANAGER	BY	DATE	SIGNATURE
E. MARTIN	J. HARDEN	FEB 2020	T. WHITE
CHECKED-REVIEWED	N. COLLINS		
DESIGNED-DETAILED	C. RUSSELL		
DESIGNED-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CAMDEN
ROUTE 1
CROSS SECTIONS



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN
18283.00

CAMDEN
ROUTE 1

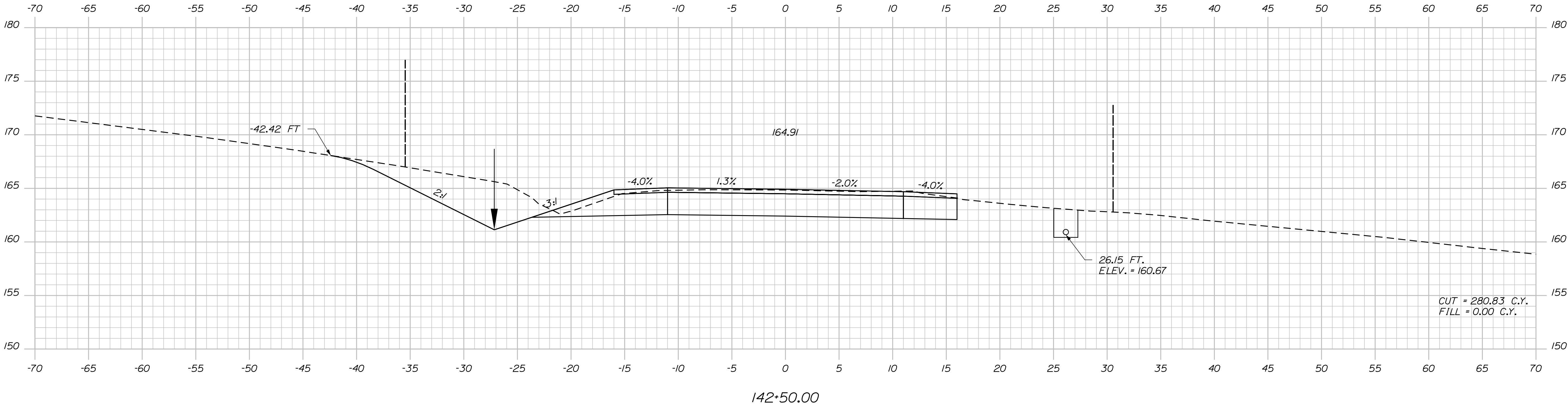
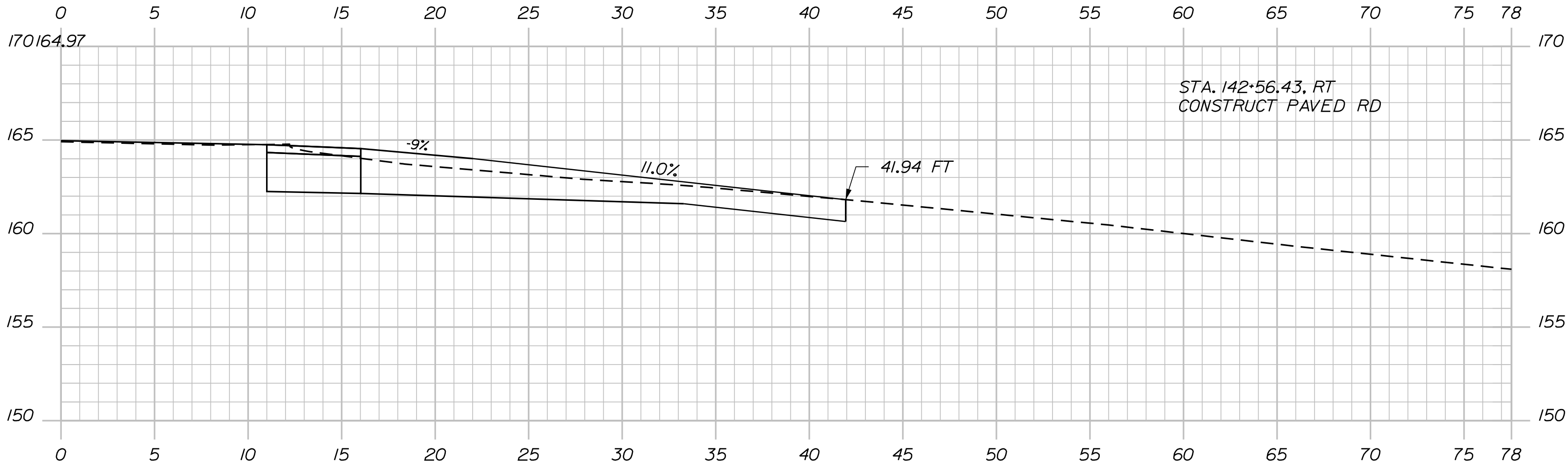
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SHEET NUMBER

114

OF 163

Sta. 141+50.00 to Sta. 142+39.99



PROJ. MANAGER	E. MARTIN	BY	DATE
CHECKED-REVIEWED	N. COLLINS	J. HARDEN	
DESIGN-DETAILED	C. RUSSELL	T. WHITE	FEB 2020
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FIELD CHANGES			

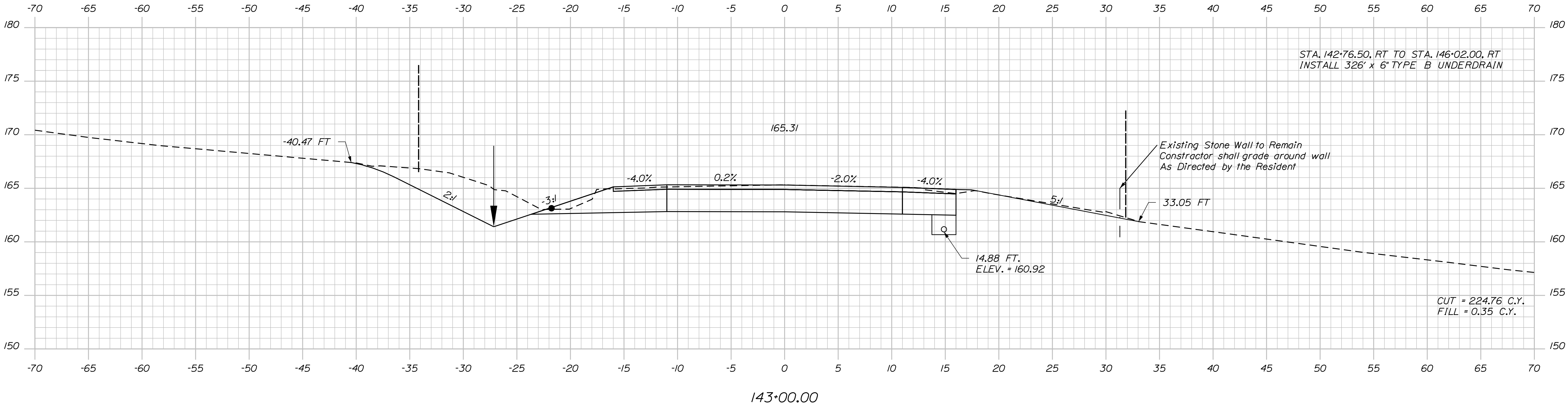
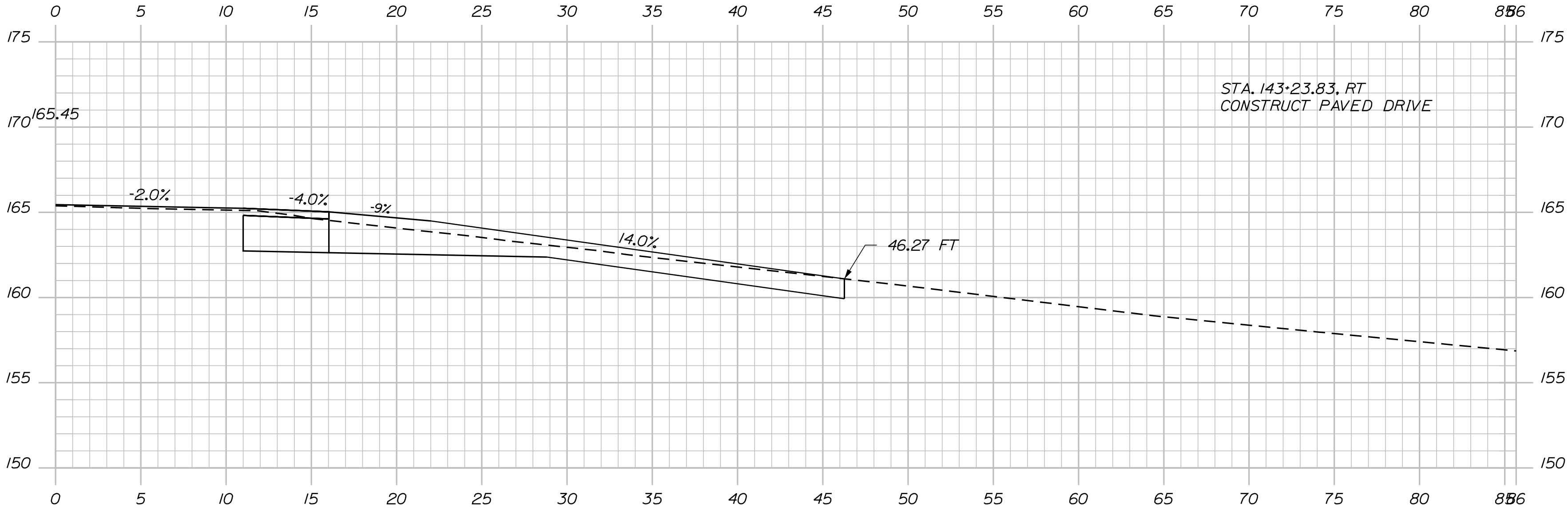
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Date:1/21/2020

Username: notastha.m.collins

Division: HIGHWAY

Filename: ... \MSTA\116_XSECT_143+00_090.dgn



	SIGNATURE
	P.E. NUMBER
	DATE

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	FEB 2020
DESIGNED-DETAILED	N. COLLINS	CHECKED-REVIEWED	T. WHITE		
DESIGNED-DETAILED	C. RUSSELL				
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REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

CAMDEN

ROUTE 1

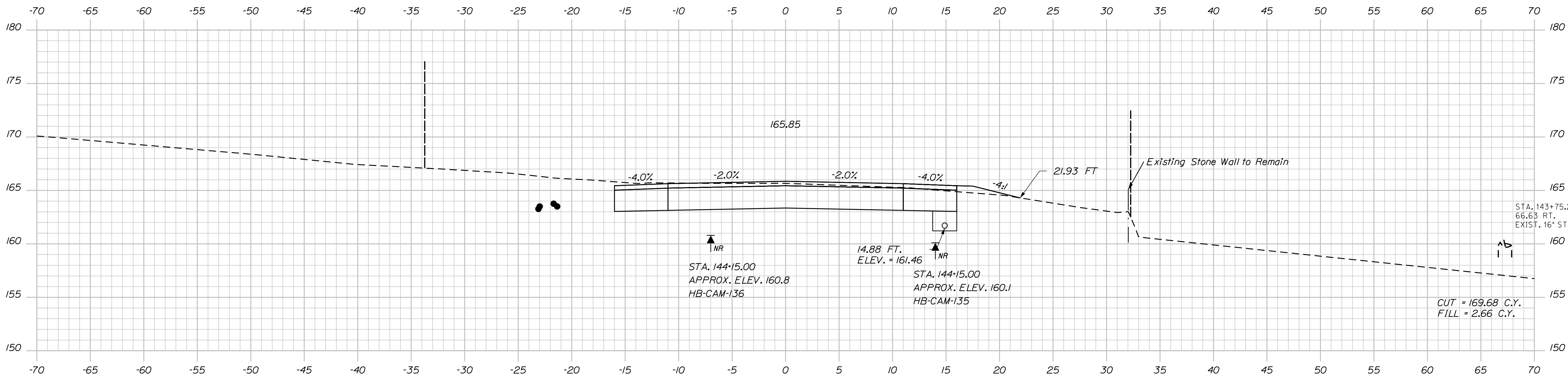
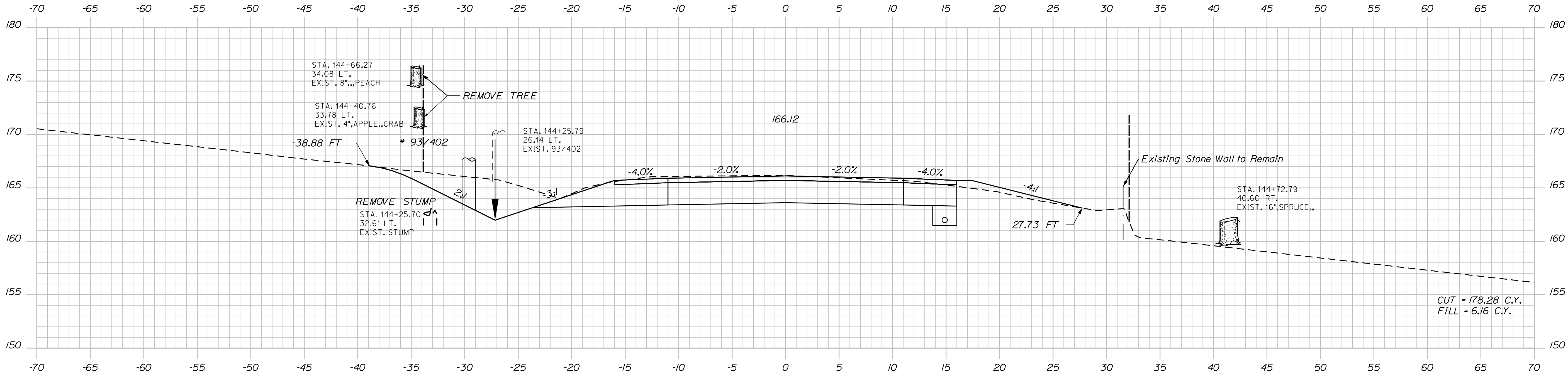
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Date:1/21/2020

Username: notasha.m.collins

Division: HIGHWAY

Filename: ... \MSTA\118_XSECT_144-00_092.dgn



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E. MARTIN	J. HARDEN	FEB 2020	
DESIGN-DETAILED	N. COLLINS		
CHECKED-REVIEWED	T. WHITE		
DESIGN-DETAILED	C. RUSSELL		
REVISIONS 1			
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FIELD CHANGES			

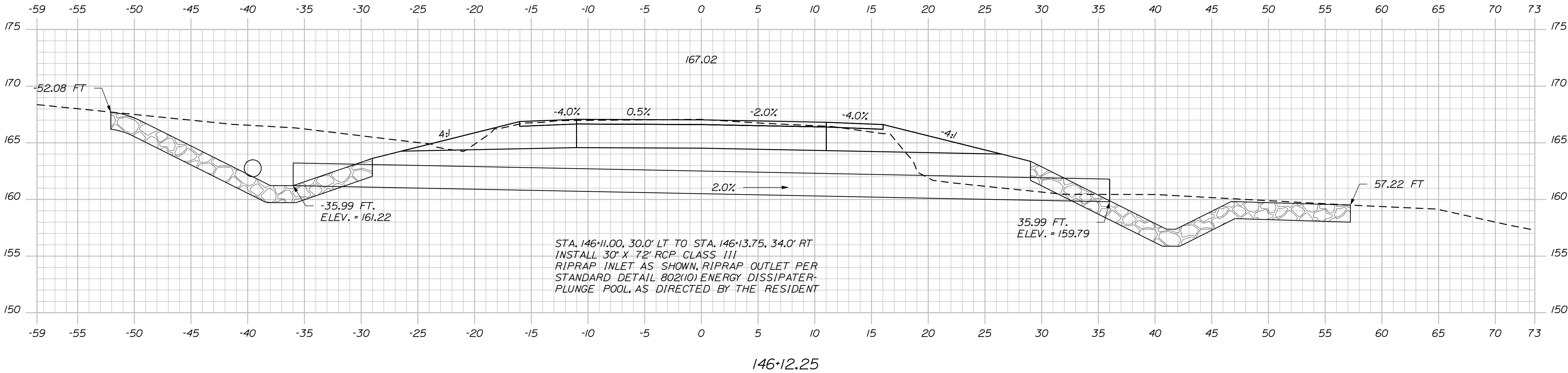
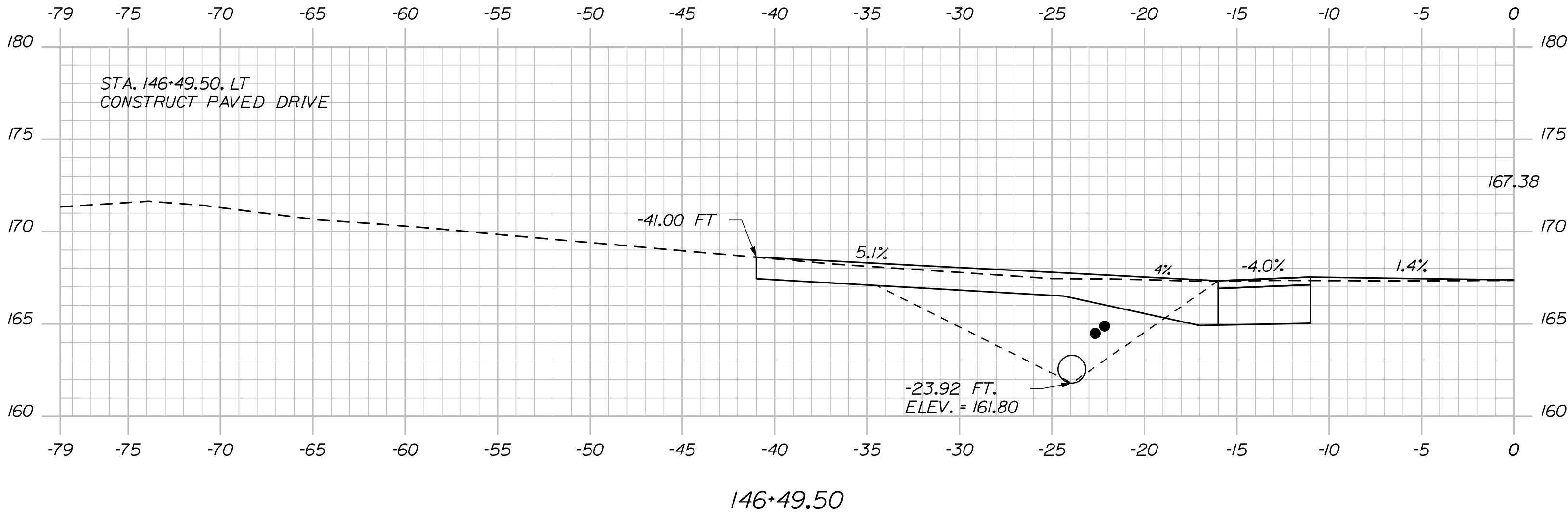
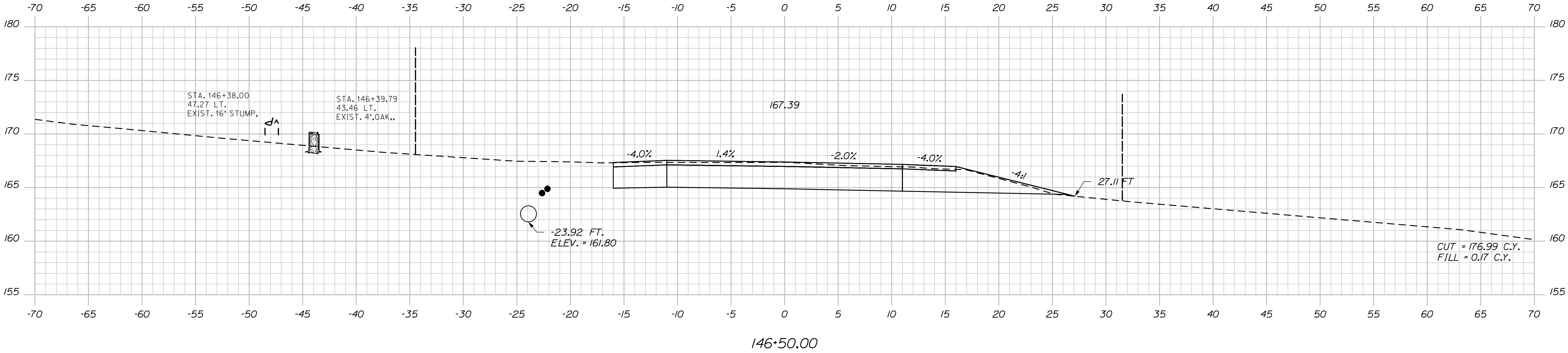
CAMDEN
 ROUTE 1
 CROSS SECTIONS

Date:1/21/2020

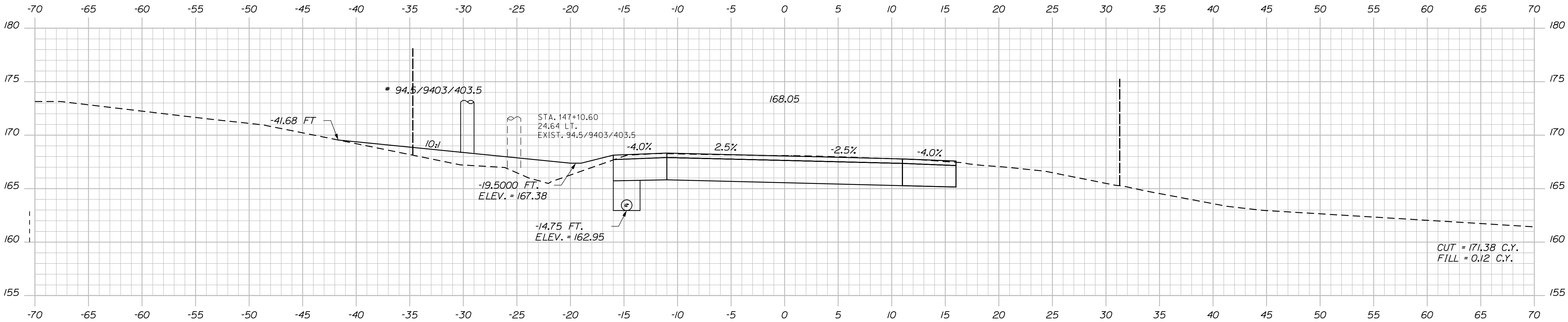
Username: notasha.m.collins

Division: HIGHWAY

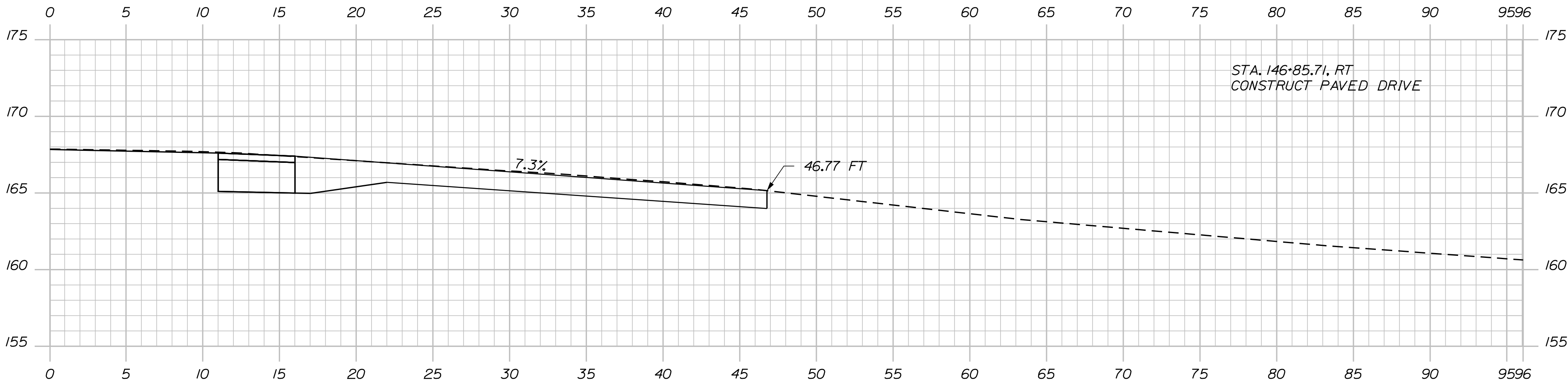
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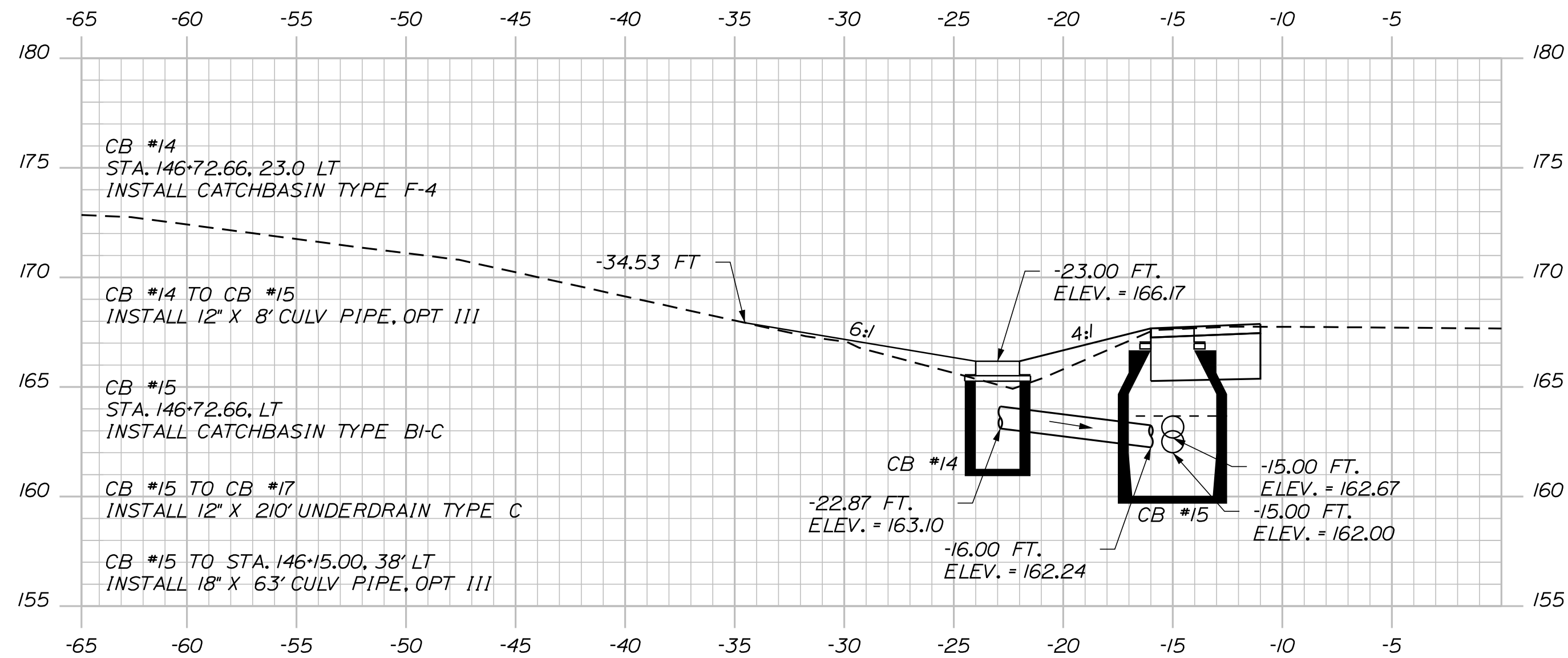
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E. MARTIN	N. COLLINS	J. HARDEN	T. WHITE					
DATE	SIGNATURE	P.E. NUMBER	DATE					
	FEB 2020							



147+00.00



146+85.71



146+72.66

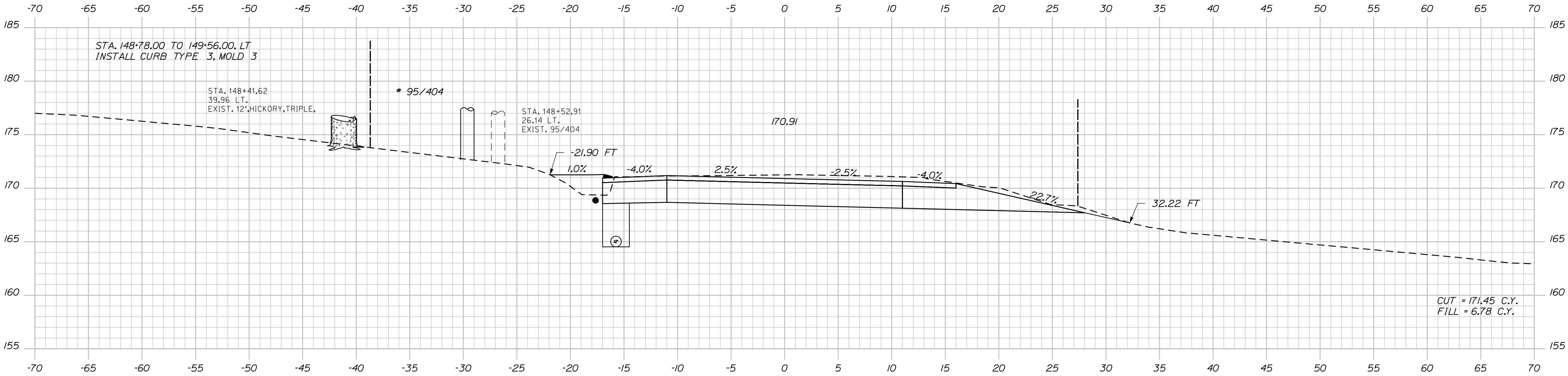
PROJ. MANAGER	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
E. MARTIN	J. HARDEN	FEB 2020			
DESIGN-DETAILED	N. COLLINS				
CHECKED-REVIEWED	T. WHITE				
DESIGN-DETAILED	C. RUSSELL				
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

Date:1/21/2020

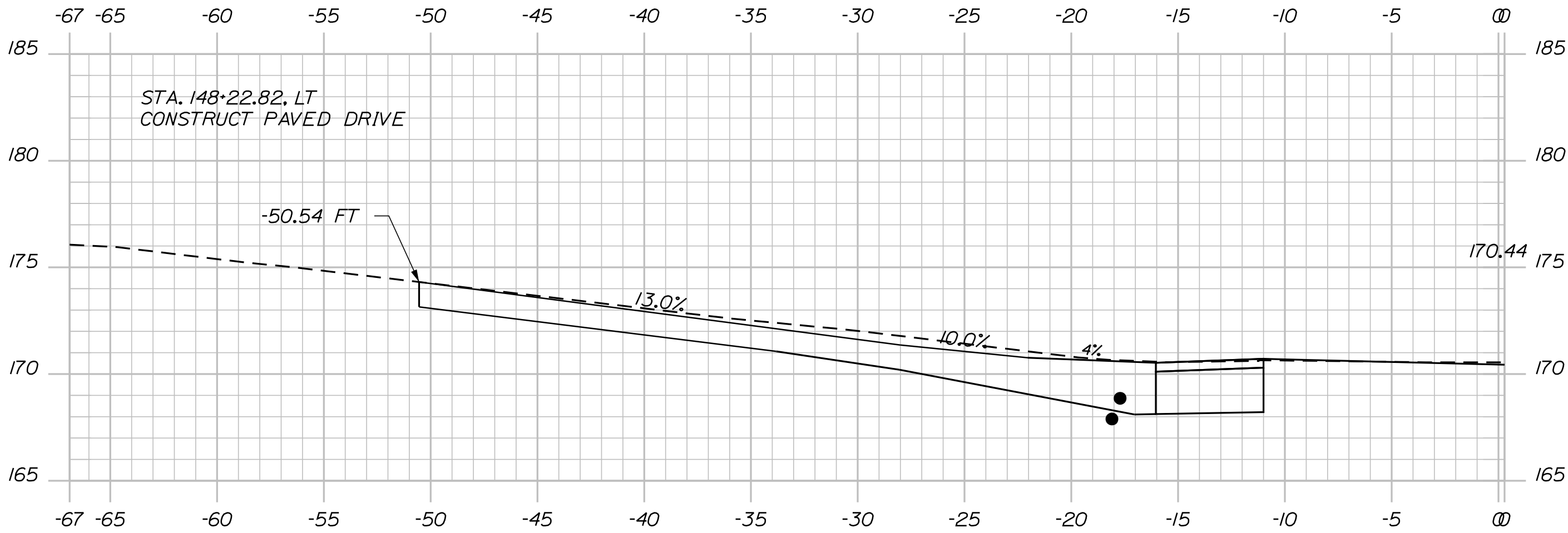
Username: notasha.m.collins

Division: HIGHWAY

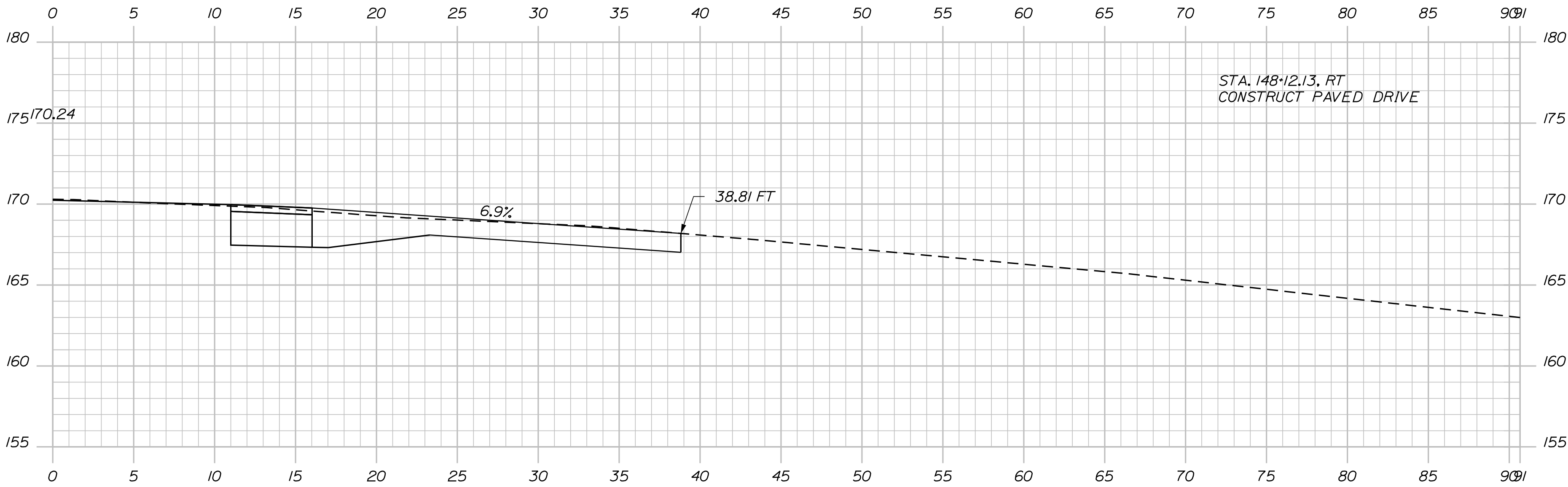
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148+50.00



148+22.81



148+12.13

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN

18283.00

HIGHWAY PLANS

				SIGNATURE	
				P.E. NUMBER	
				DATE	

CAMDEN

ROUTE 1

CROSS SECTIONS

SHEET NUMBER

123

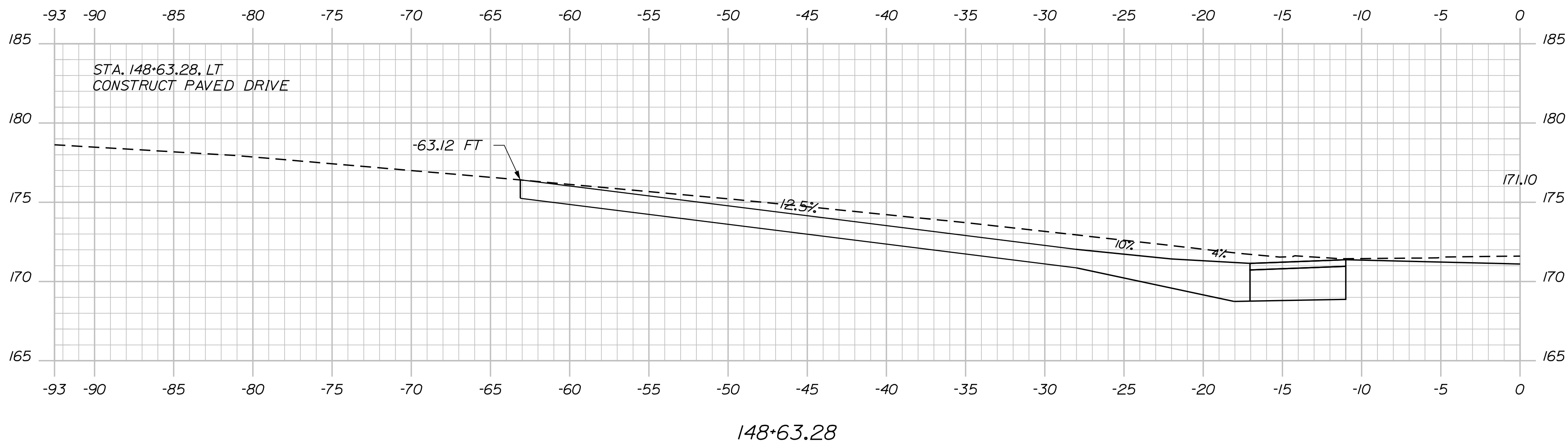
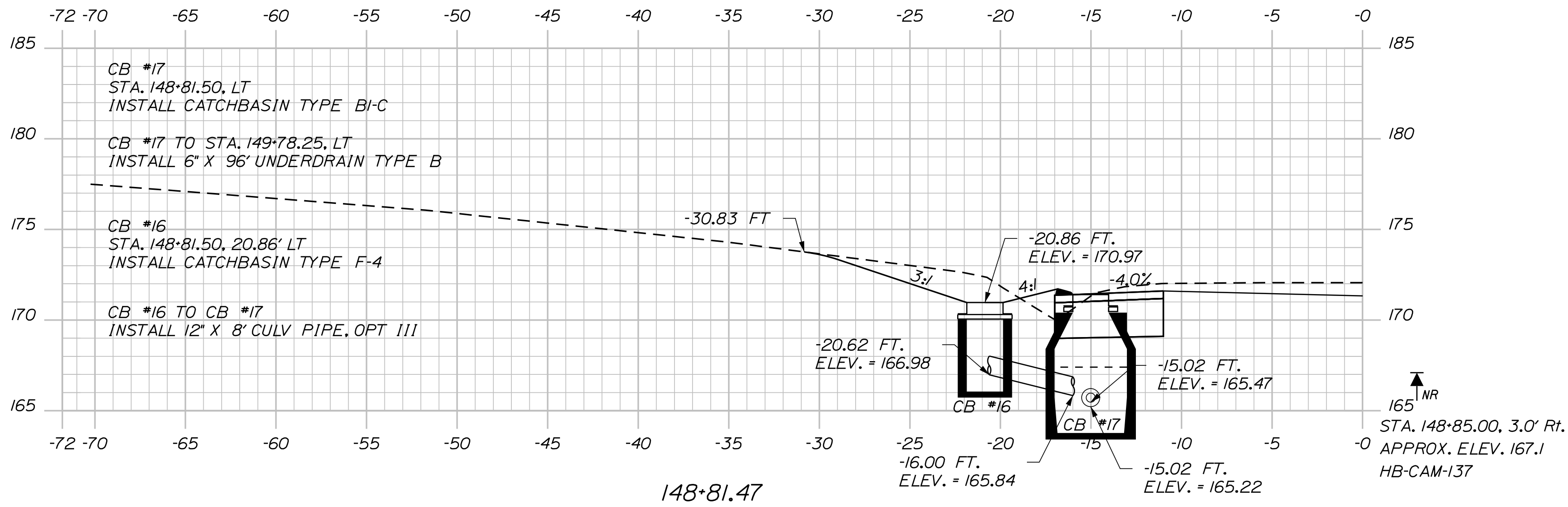
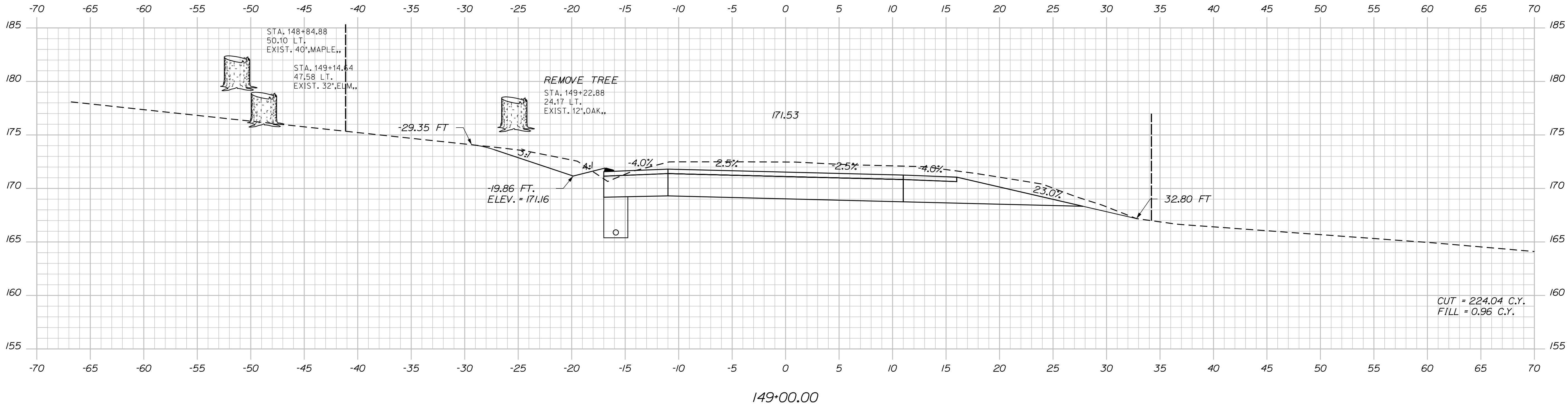
OF 163

Date:1/21/2020

Username: notasha.m.collins

Division: HIGHWAY

Filename: ... \MSTA\124_XSECT_148+63_098.dgn



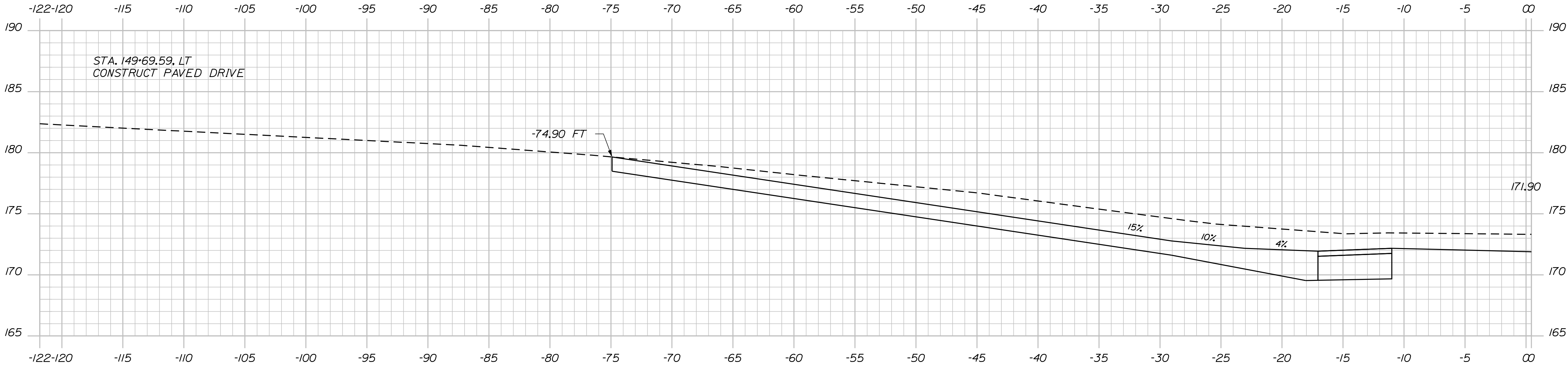
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CAMDEN		ROUTE 1		CROSS SECTIONS		SHEET NUMBER		124		OF 163	
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED		REVISIONS 1		REVISIONS 2		REVISIONS 3	
BY		DATE		SIGNATURE		P.E. NUMBER		DATE		DATE	
E. MARTIN		J. HARDEN		T. WHITE		FEB 2020					
N. COLLINS		C. RUSSELL									
FIELD CHANGES											

Date:1/21/2020

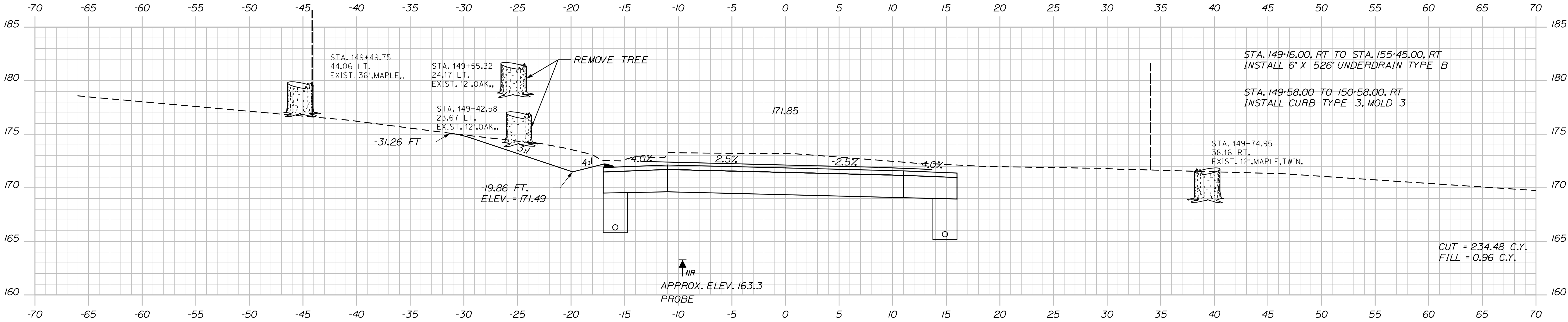
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Division: HIGHWAY

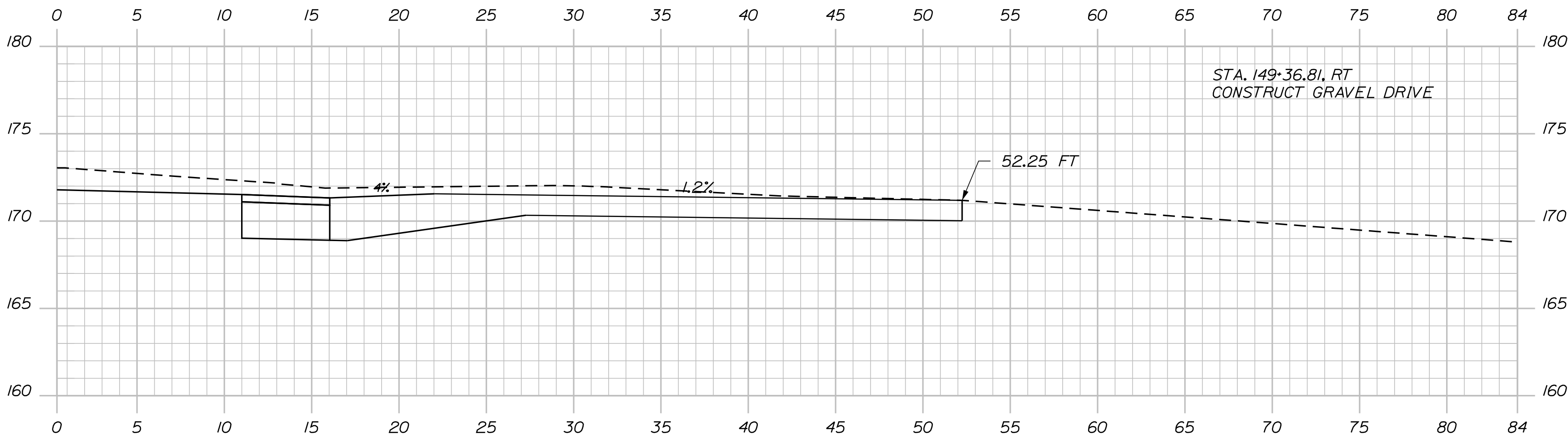
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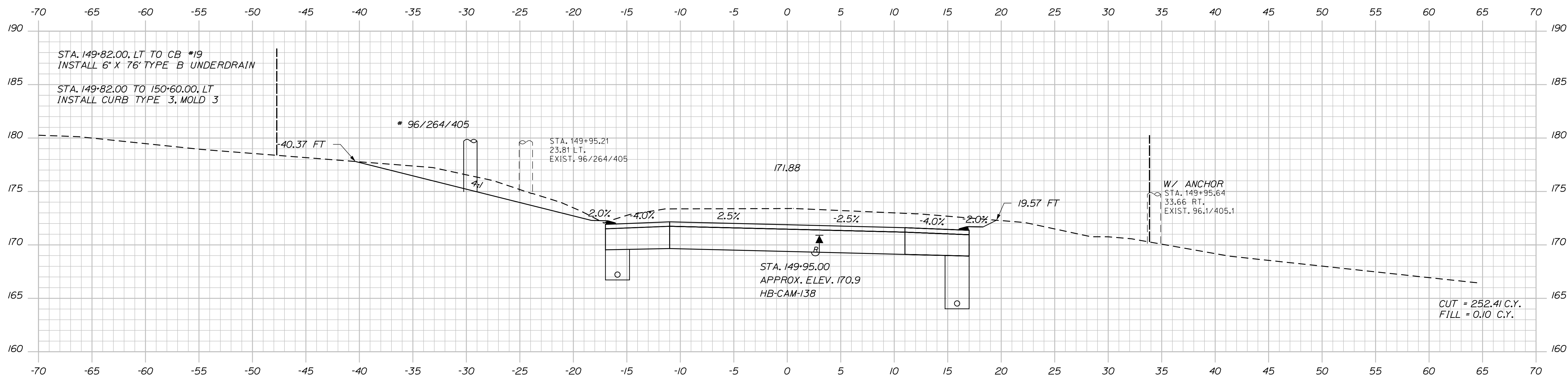
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149+36.81

PROJ. MANAGER	BY	DATE
E. MARTIN	J. HARDEN	FEB 2020
CHECKED-REVIEWED	SIGNATURE	P.E. NUMBER
N. COLLINS	T. WHITE	
DESIGN-DETAILED	DATE	DATE
C. RUSSELL		
REVISIONS 1	REVISIONS 2	REVISIONS 3
REVISIONS 4	FIELD CHANGES	

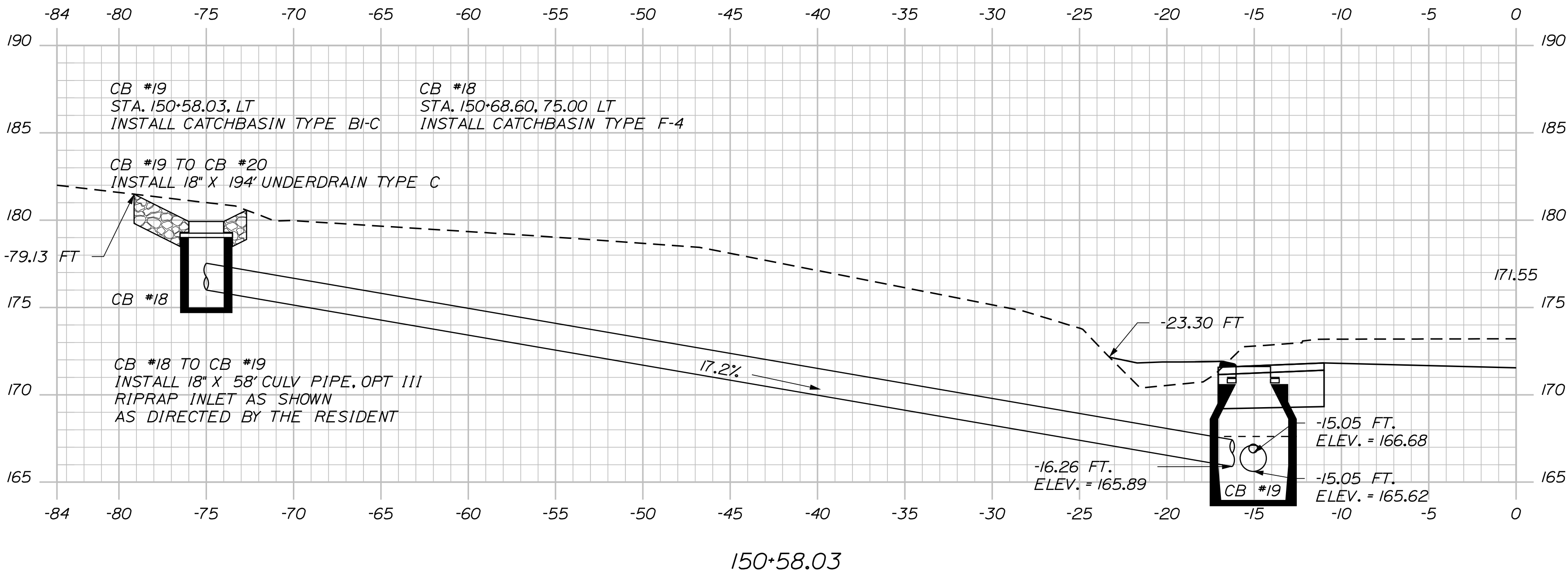
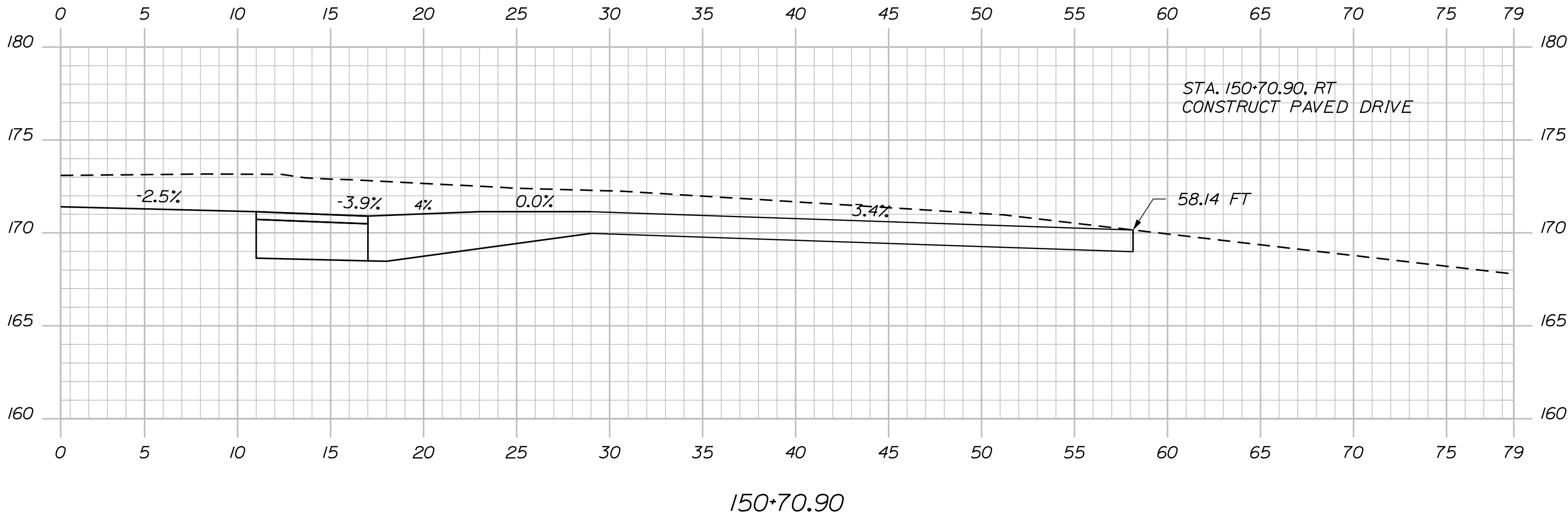
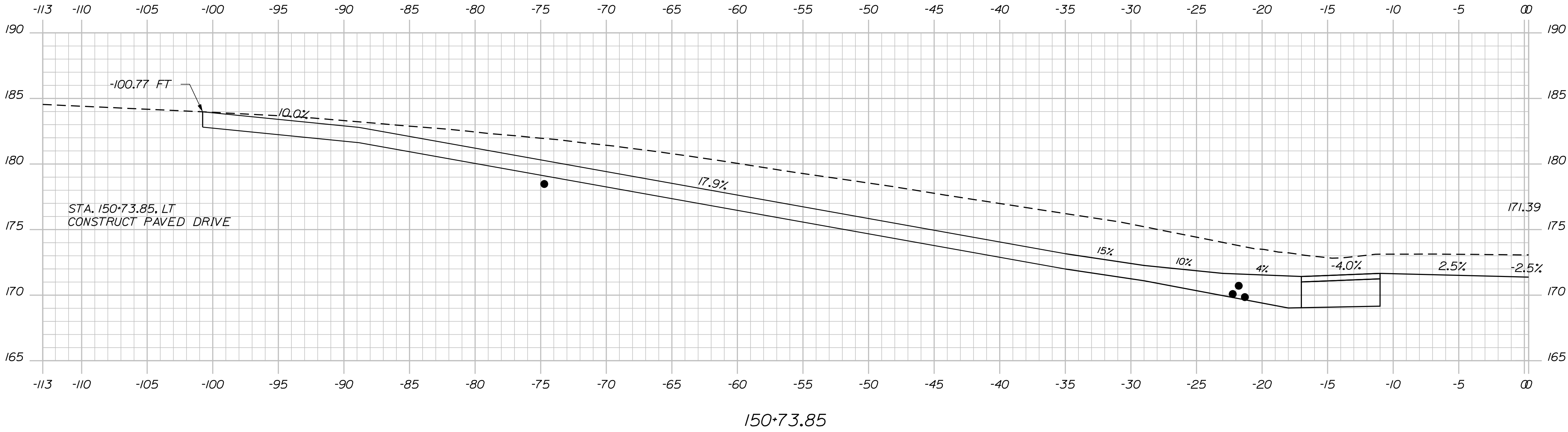
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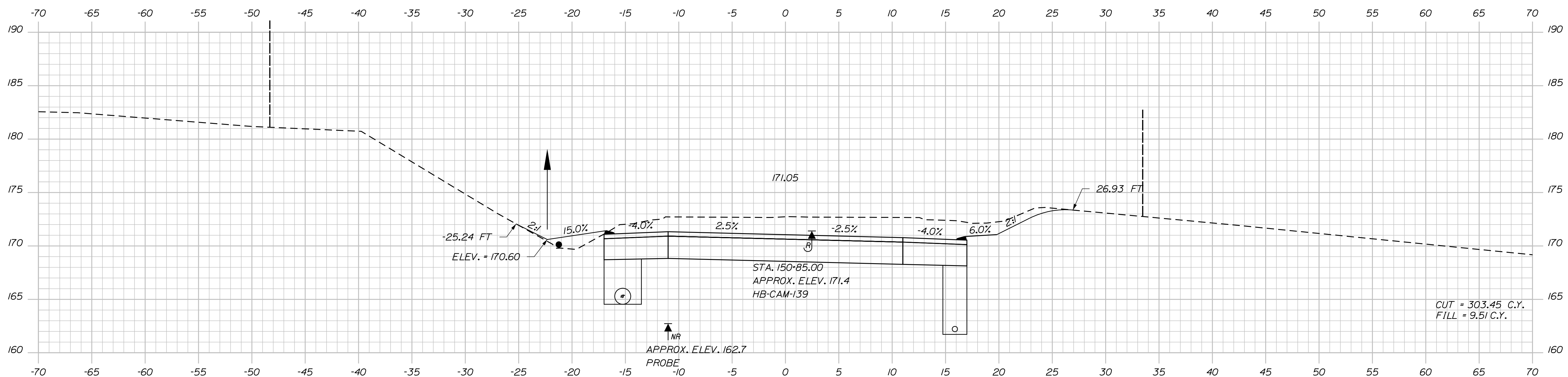
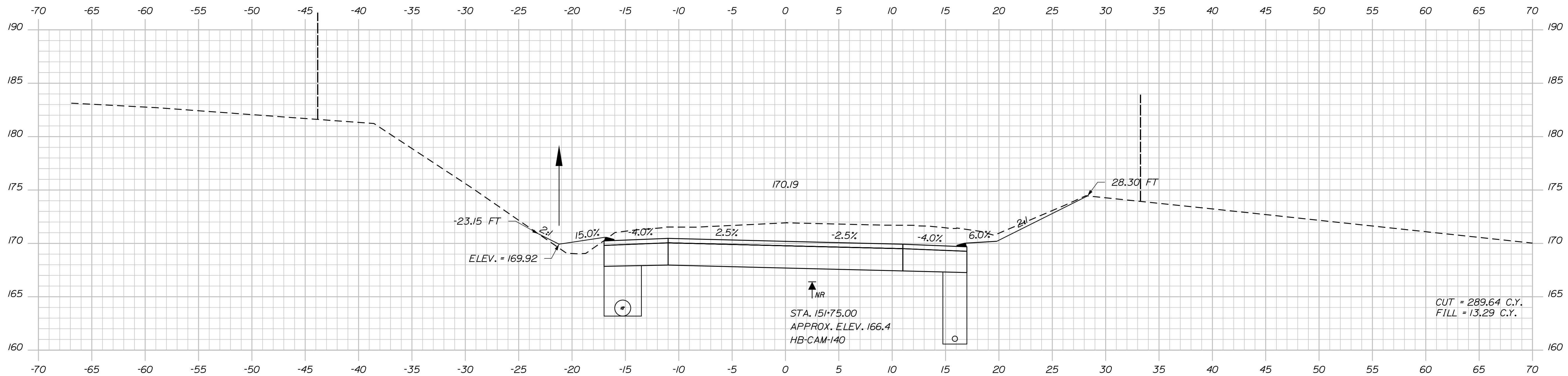
150+00.00

Sta. 150+00.00 to Sta. 150+50.00

126		SHEET NUMBER		CAMDEN ROUTE 1		PROJ. MANAGER		E. MARTIN	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
						DESIGN-DETAILED		N. COLLINS	J. HARDEN			
CROSS SECTIONS				DESIGN2-DETAILED2		C. RUSSELL	T. WHITE	FEB 2020		SIGNATURE	NH-1828(300)	
				DESIGN3-DETAILED3					P.E. NUMBER			
				REVISIONS 1								
				REVISIONS 2								
				REVISIONS 3							WIN 18283.00 HIGHWAY PLANS	
				REVISIONS 4								
				FIELD CHANGES								



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
		NH-1828(300)	
		WIN	HIGHWAY PLANS
		18283.00	
CAMDEN ROUTE 1		DATE	SIGNATURE
		BY	P.E. NUMBER
		DATE	DATE
		DATE	DATE
CROSS SECTIONS		PROJ. MANAGER	DESIGN-DETAILED
		E. MARTIN	N. COLLINS
		CHECKED-REVIEWED	C. RUSSELL
		DESIGN-DETAILED	T. WHITE
		REVISIONS 1	
SHEET NUMBER		REVISIONS 2	
		REVISIONS 3	
		REVISIONS 4	
		FIELD CHANGES	
127			
OF 163			



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
NH-1828(300)	
WIN	HIGHWAY PLANS
18283.00	

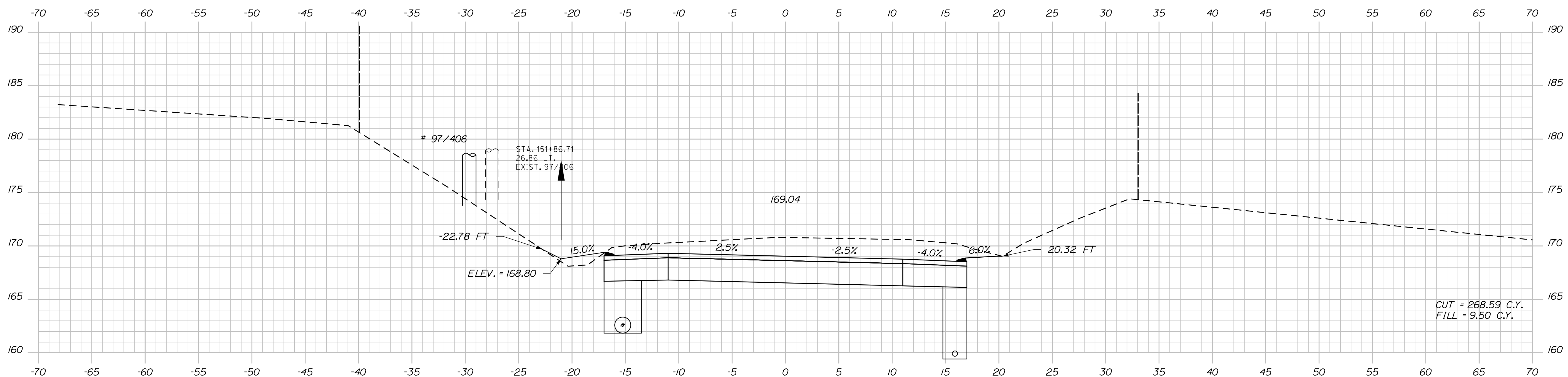
PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	N. COLLINS	J. HARDEN	
CHECKED-REVIEWED			
DESIGN-DETAILED 02	C. RUSSELL	T. WHITE	FEB 2020
DESIGN-DETAILED 03			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
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FIELD CHANGES			
			SIGNATURE
			P.E. NUMBER
			DATE

CAMDEN
ROUTE 1
CROSS SECTIONS

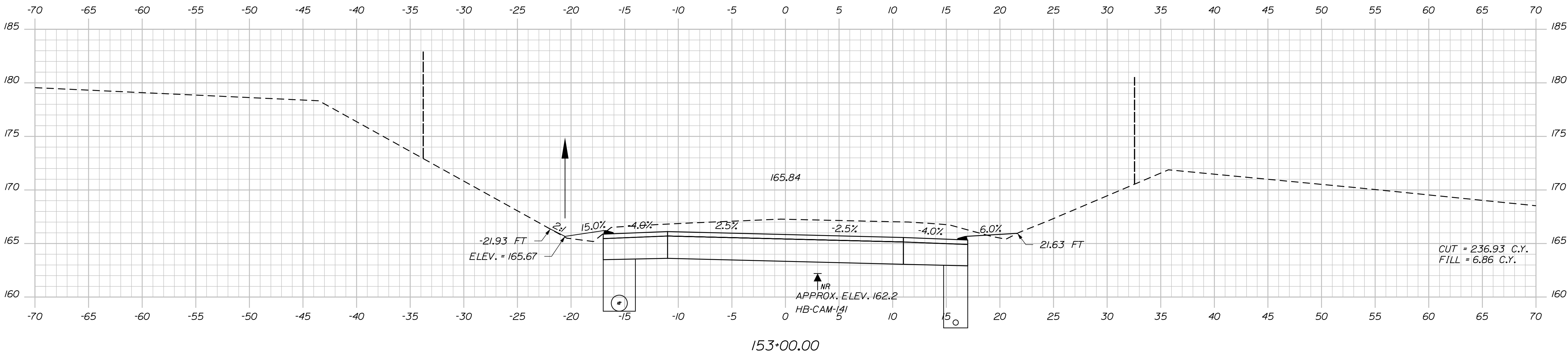
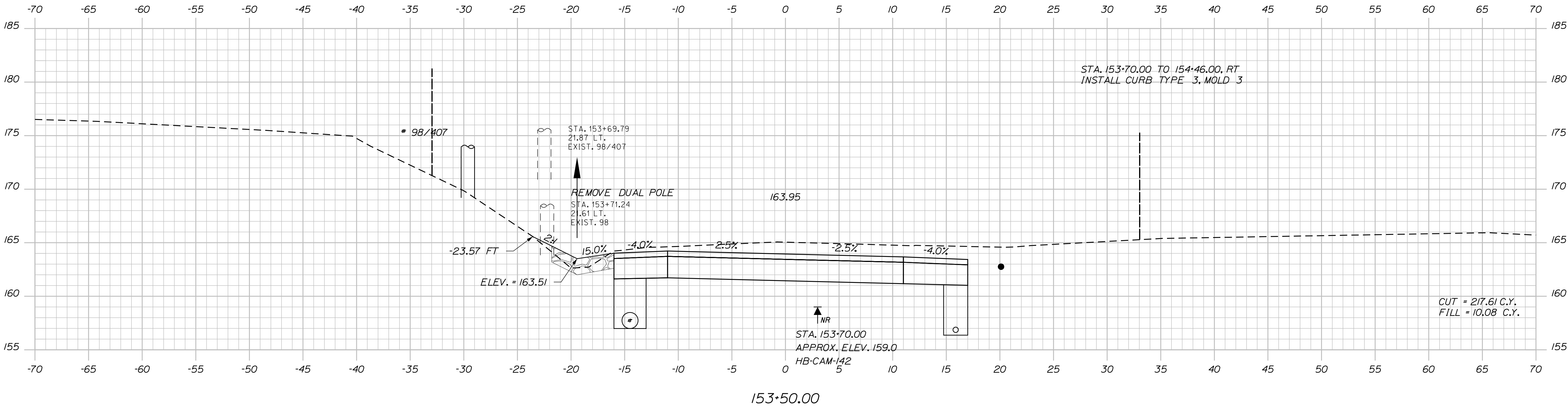
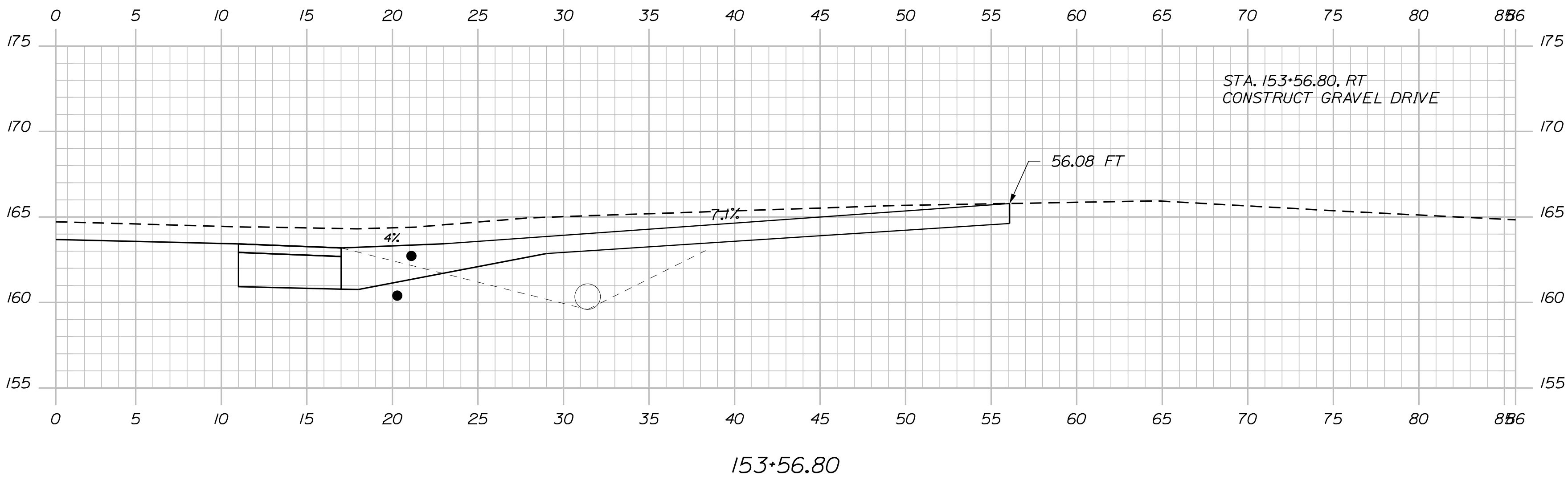
SHEET NUMBER

128

OF 163



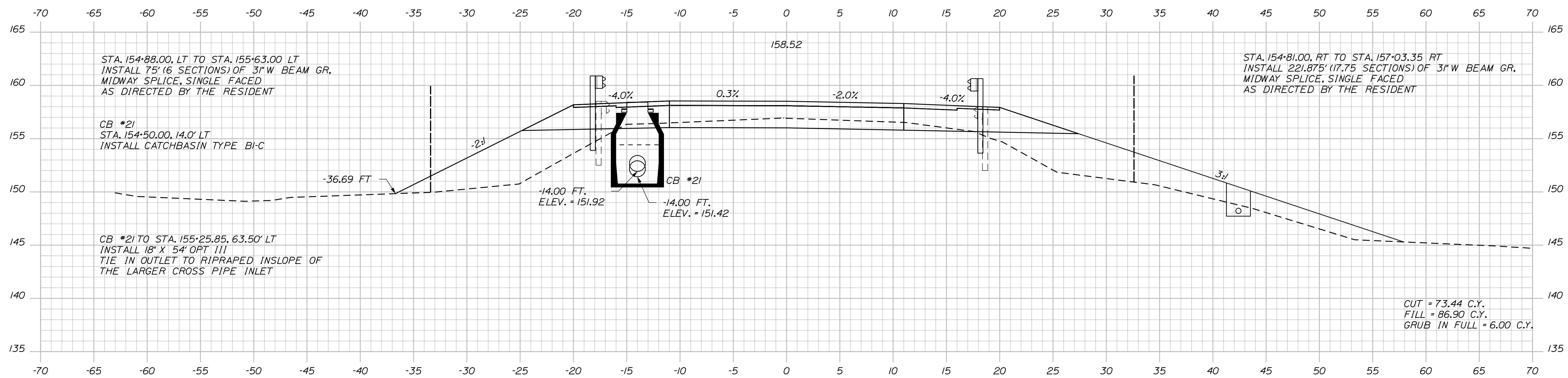
Sta. 152+00.00 to Sta. 152+50.00



PROJ. MANAGER	BY	DATE	SIGNATURE
E. MARTIN	J. HARDEN	FEB 2020	
CHECKED-REVIEWED	DESIGN-DETAILED	DESIGN-DETAILED	P.E. NUMBER
N. COLLINS	T. WHITE		
REVISIONS 1	REVISIONS 2	REVISIONS 3	DATE
REVISIONS 4	FIELD CHANGES		

CAMDEN
ROUTE 1
CROSS SECTIONS

Filename: ... \MSTA\132_XSECT_155+00_106.dgn



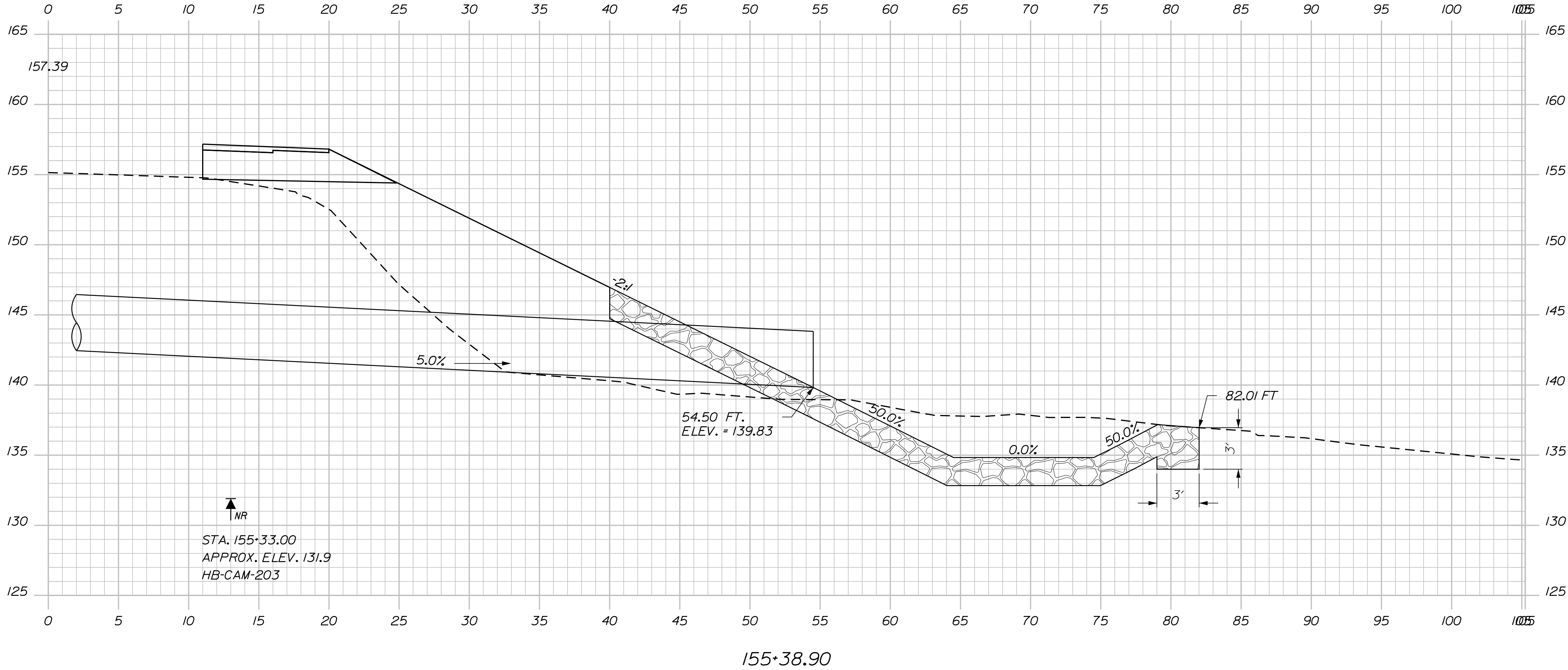
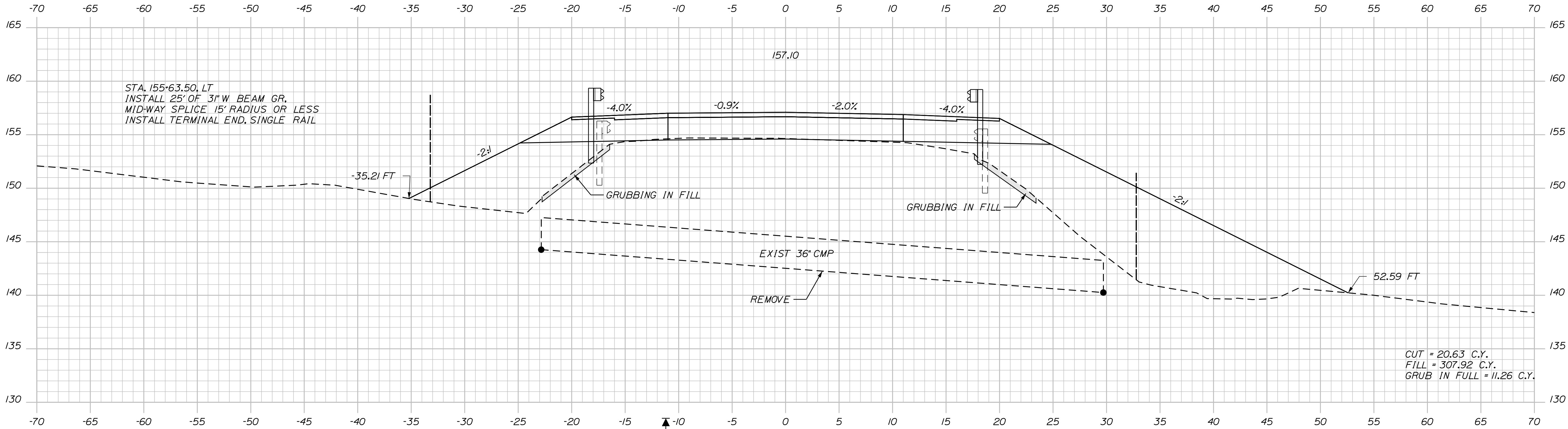
Sta. 155+00.00 to Sta. 155+38.85

Username: notasha.m.collins

Date:1/21/2020

Division: HIGHWAY

Filename: ... \MSTA\133_XSECT_155+38_107.dgn

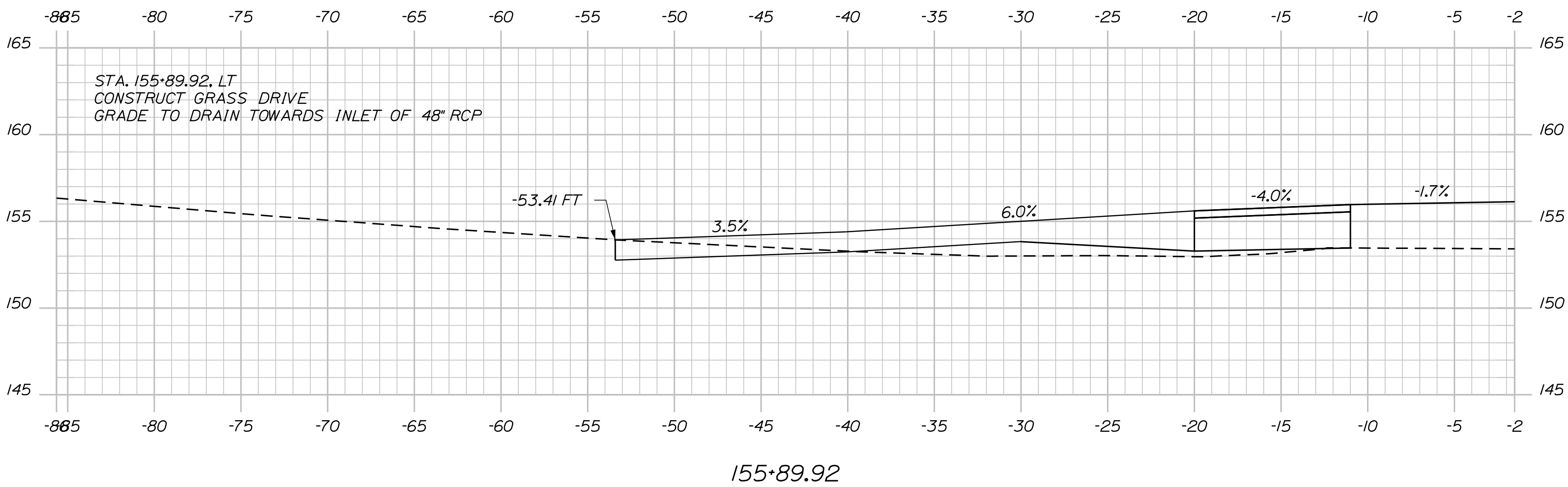
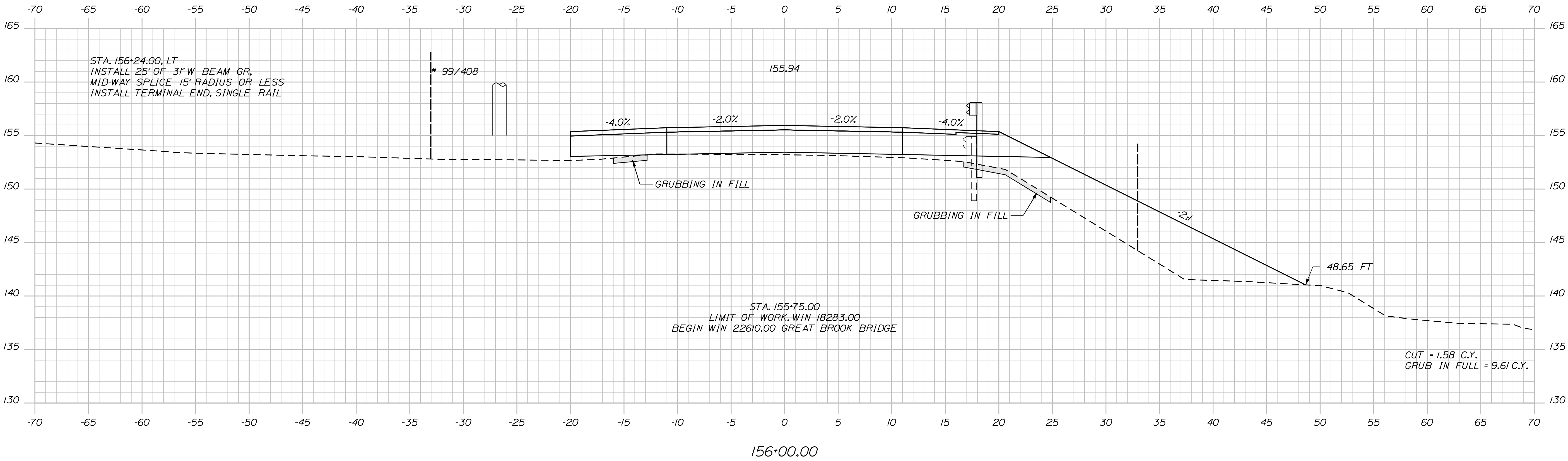


PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	J.HARDEN	
CHECKED-REVIEWED	N.COLLINS	FEB 2020
DESIGN-DETAILED	T.WHITE	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

CAMDEN
ROUTE 1

CROSS SECTIONS



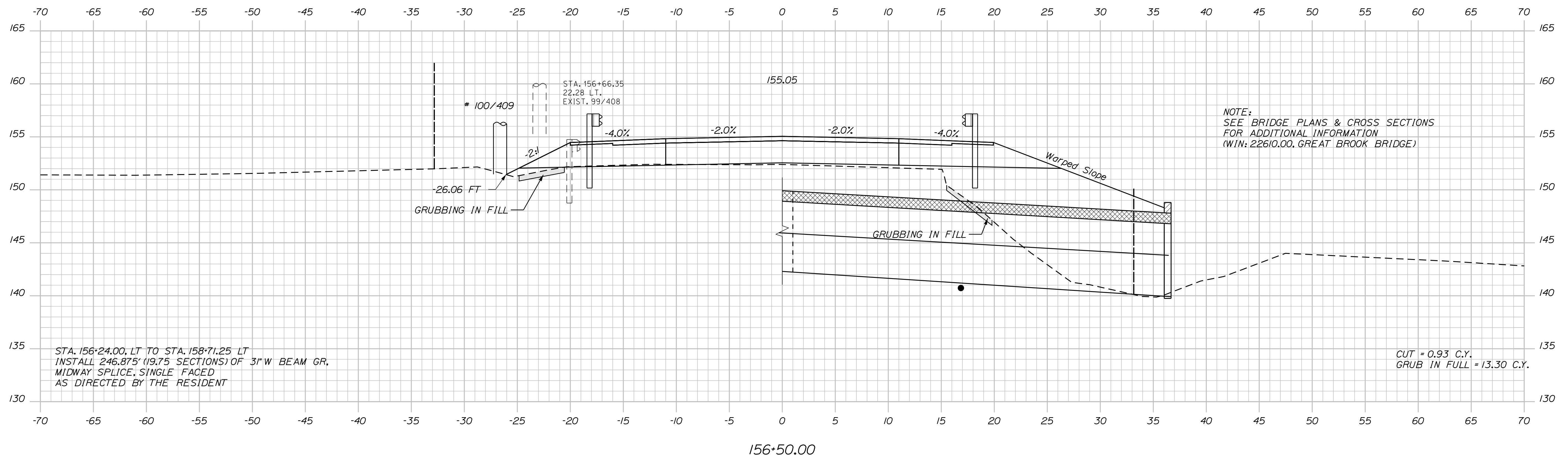
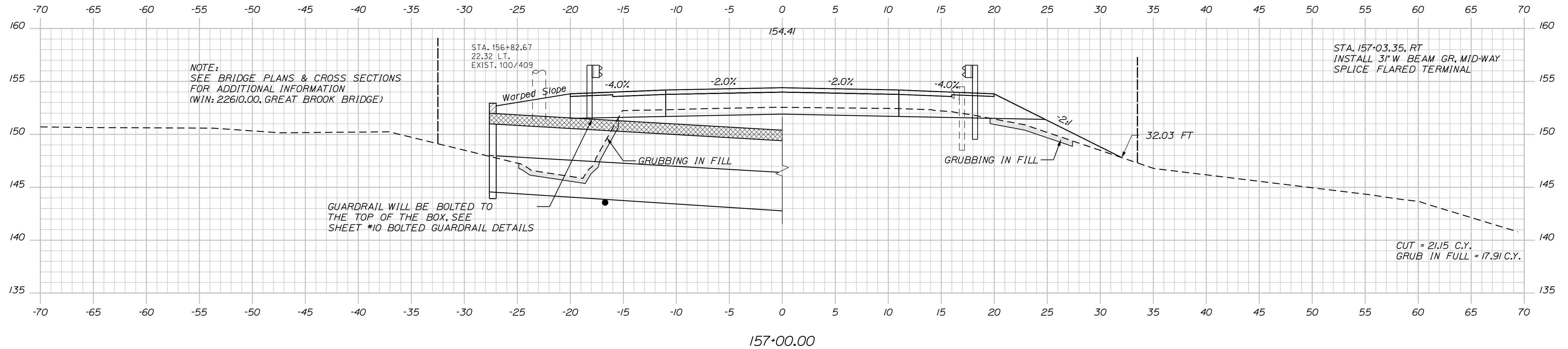
STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
	NH-1828(300)	
	WIN 18283.00	HIGHWAY PLANS

PROJ. MANAGER E. MARTIN	BY J. HARDEN	DATE FEB 2020	SIGNATURE
			P.E. NUMBER
CHECKED-REVIEWED N. COLLINS	DESIGNED-DETAILED C. RUSSELL		DATE
DESIGN-DETAILED T. WHITE			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

CAMDEN ROUTE 1	CROSS SECTIONS

SHEET NUMBER
134
OF 163

Filename: ... \MSTA\135_XSECT_156+50_109.dgn



HIGHWAY PLANS

DATE _____

DESIGN-DETAILED	N.CO
CHECKED-REVIEWED	---
DESIGN2-DETAIL ED2	C RI

DESIGN-DETAILED	N.CO
CHECKED-REVIEWED	---
DESIGN2-DETAIL ED2	C RI

OPEN

CA
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1

Sta 1

Sta. 1

CROSS SECTIONS

OF 163

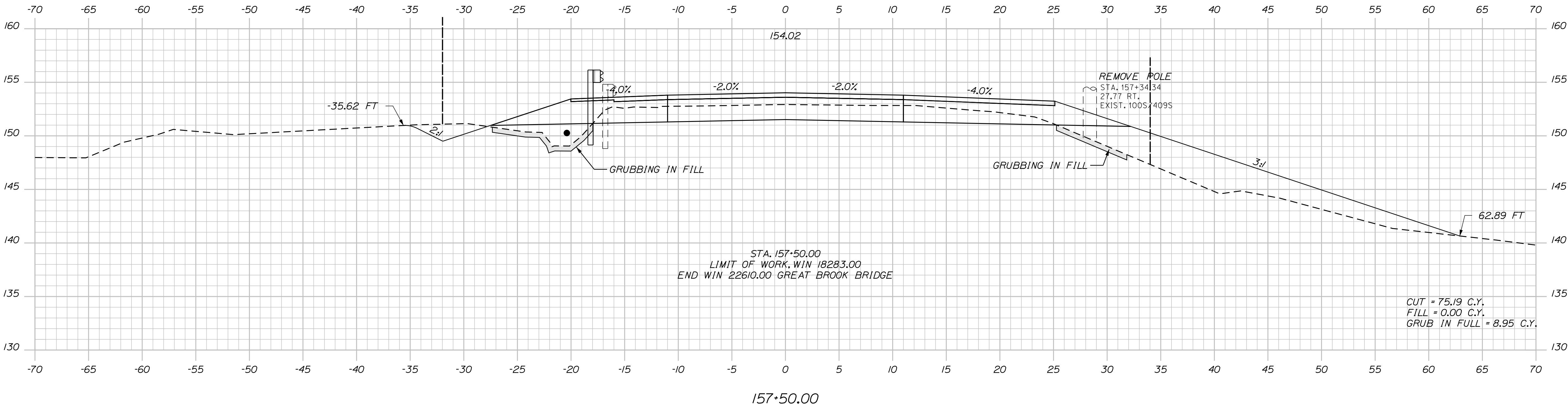
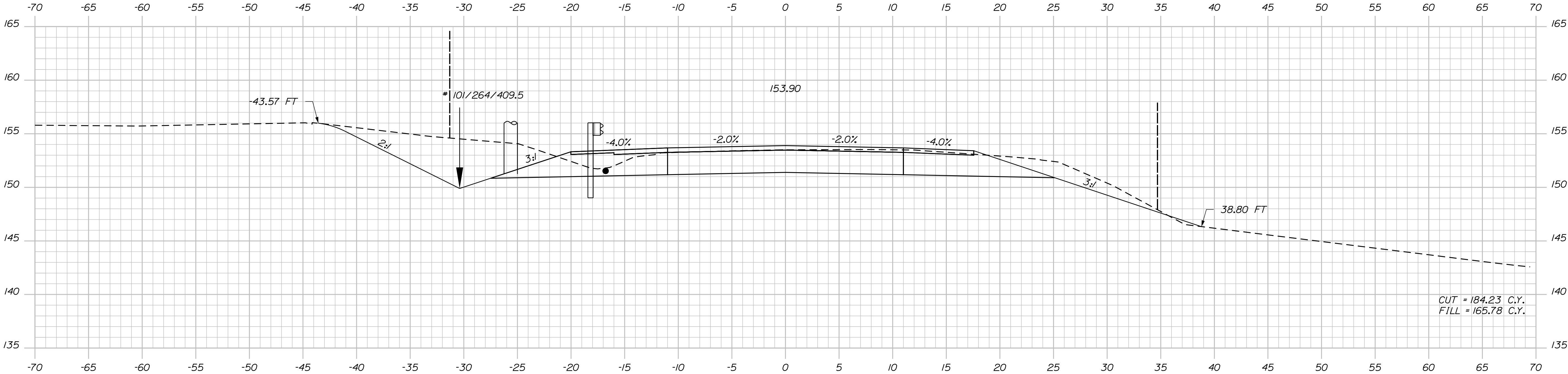
Sta. 156+50.00 to Sta. 157+00.00

Date:1/21/2020

Username: notasha.m.collins

Division: HIGHWAY

Filename: ... \MSTA\136_XSECT_157+50_110.dgn

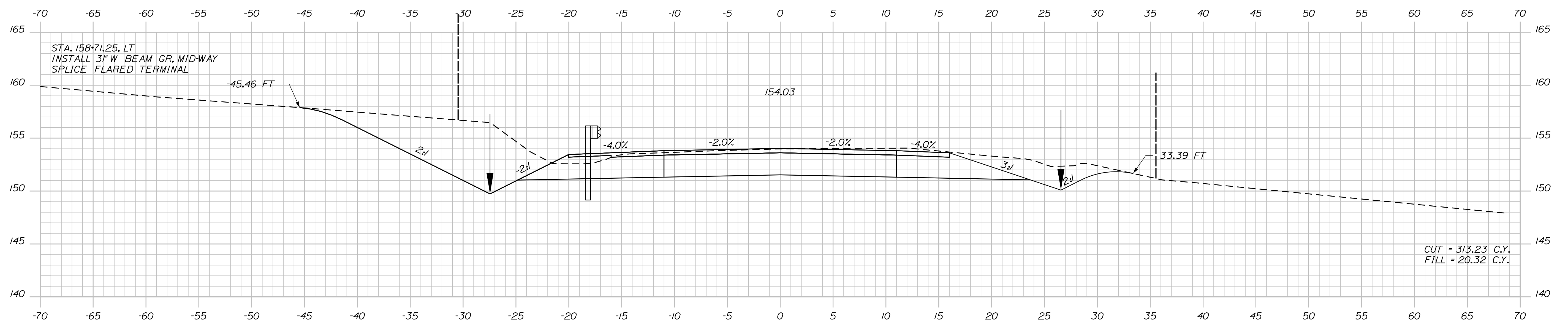
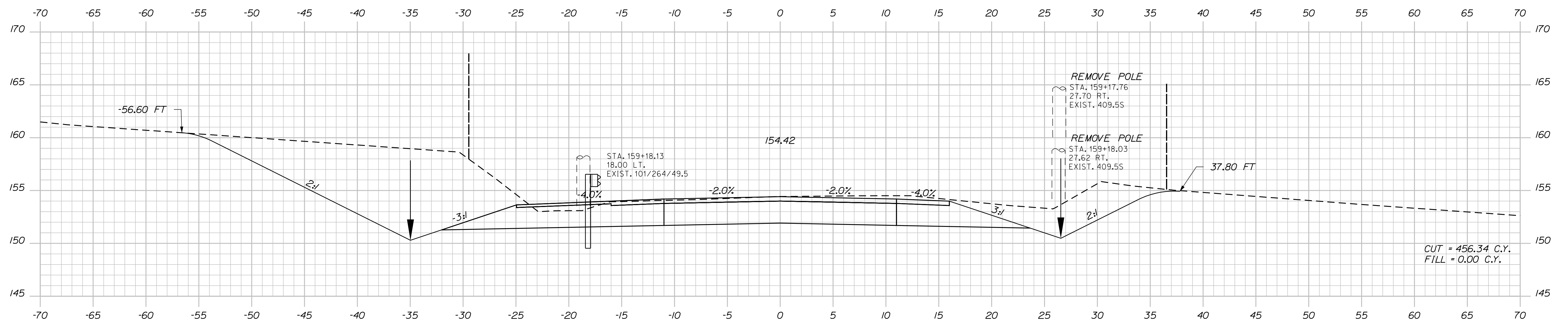
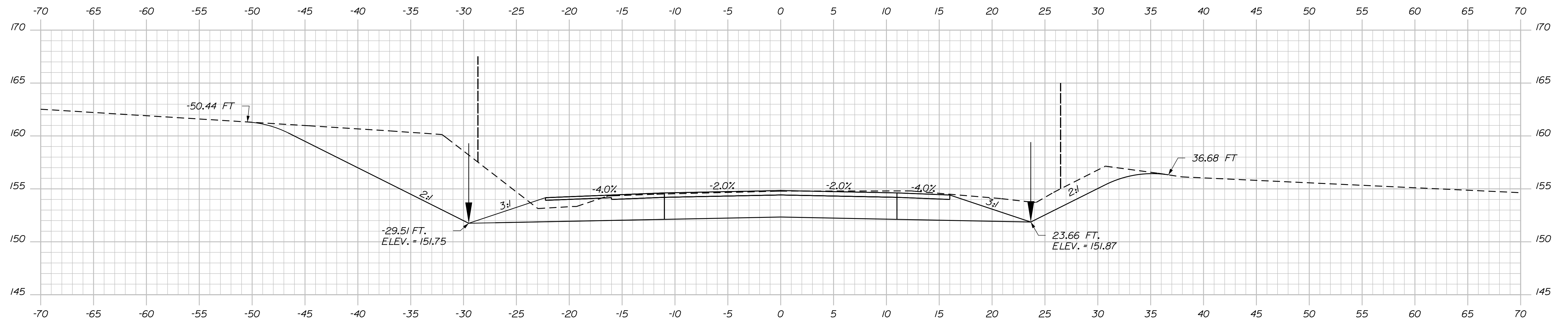


STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN 18283.00
HIGHWAY PLANS

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	J. HARDEN	
CHECKED-REVIEWED	N. COLLINS	FEB 2020
DESIGN-DETAILED	C. RUSSELL	
DESIGN-DETAILED	T. WHITE	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

CAMDEN ROUTE 1
CROSS SECTIONS

SHEET NUMBER
136
OF 163



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN
18283.00

WIN
18283.0

HIGHWAY PLANS

SIGNATURE

P.E. NUMBER

DATE

DESIGN-DETAILED	N. COLLINS	J. HARDEN	
CHECKED-REVIEWED	-----	-----	-----
DESIGN2-DETAILED2	C. RUSSELL	T. WHITE	FEB 2020

DESIGN DETAIL		
REVISIONS 1		
REVISIONS 2		

REVISIONS 3	-----
REVISIONS 4	-----
FIELD CHANGES	

NOTES

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SHEET

NUM

BER

13
OF

163

7

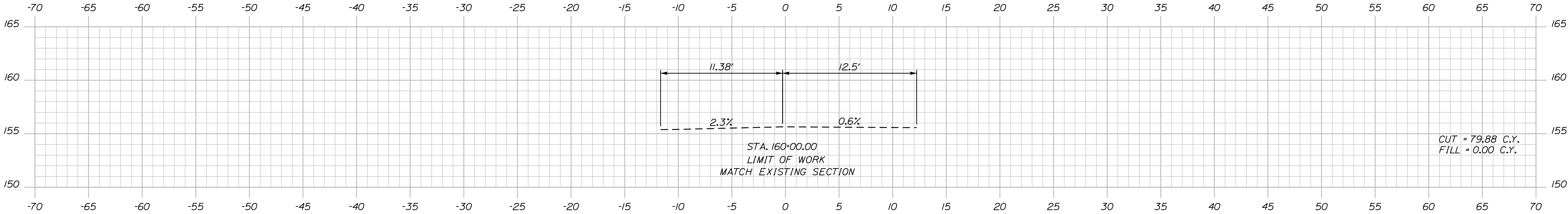
Sta. 15

9+5

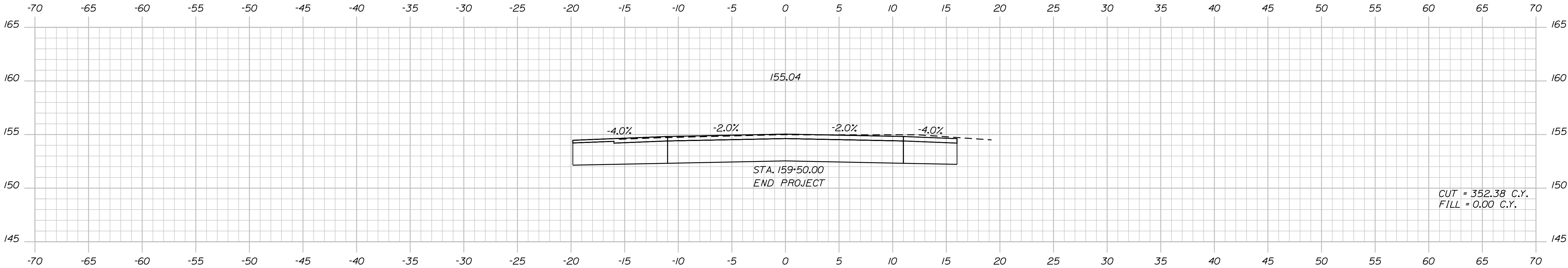
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CAMDEN
ROUTE 1

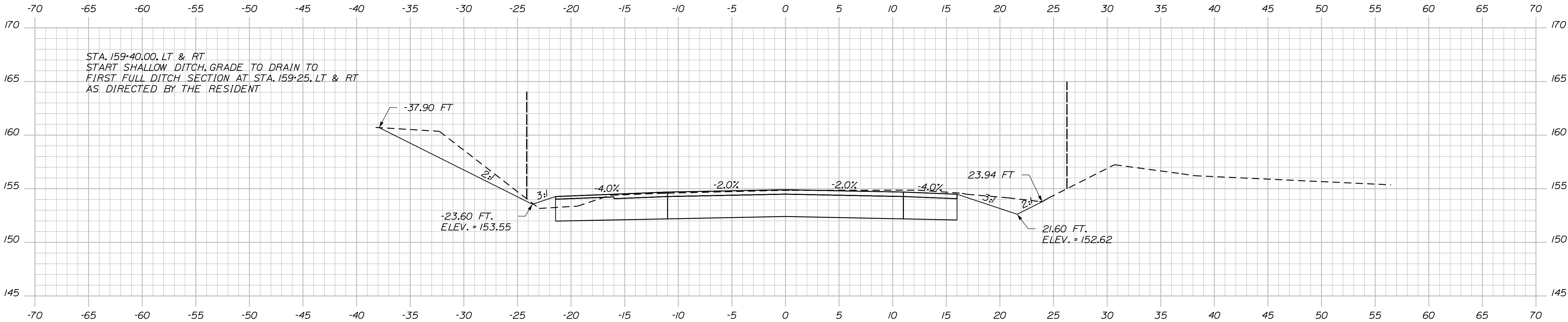
CROSS SECTIONS



160+00.00



159+50.00



159+40.00

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	NH-1828(300)	
	WIN	18283.00
	HIGHWAY PLANS	

PROJ. MANAGER	E. MARTIN	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
CHECKED-DETAILED	N. COLLINS	J. HARDEN	FEB 2020			
DESIGNED-DETAILED	C. RUSSELL	T. WHITE				
DESIGNS DETAILING						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

CAMDEN ROUTE 1	CROSS SECTIONS

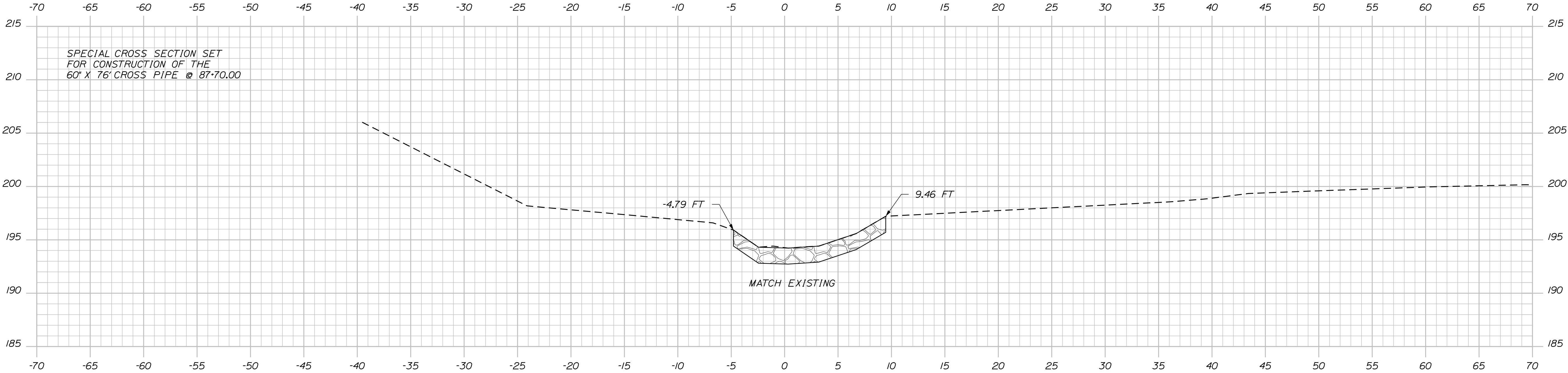
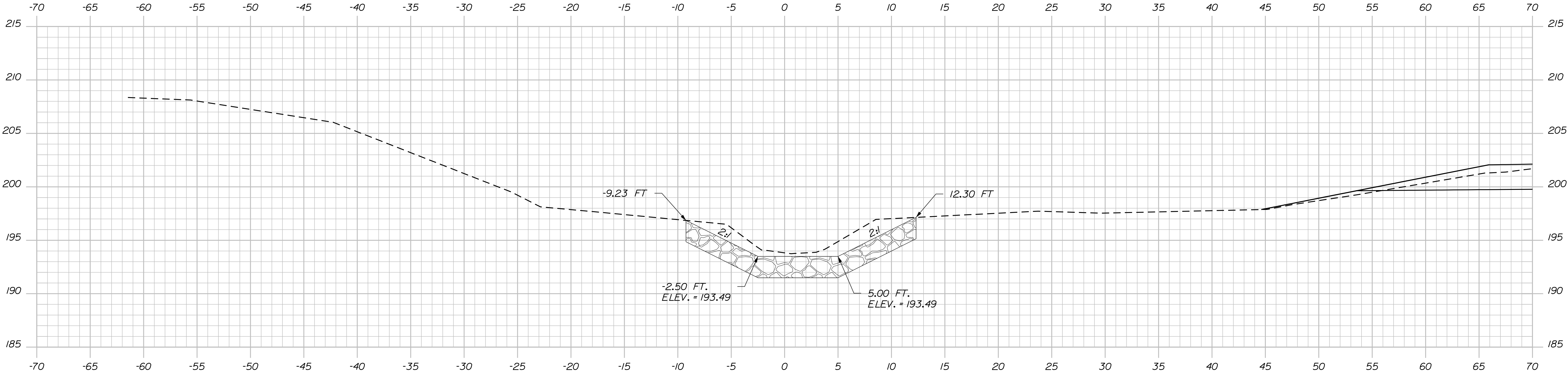
SHEET NUMBER
138
OF 163

Date:1/21/2020

Username: notasha.m.collins

Division: HIGHWAY

Filename: ... \MSTA\139_XSECT_1+50_001.dgn

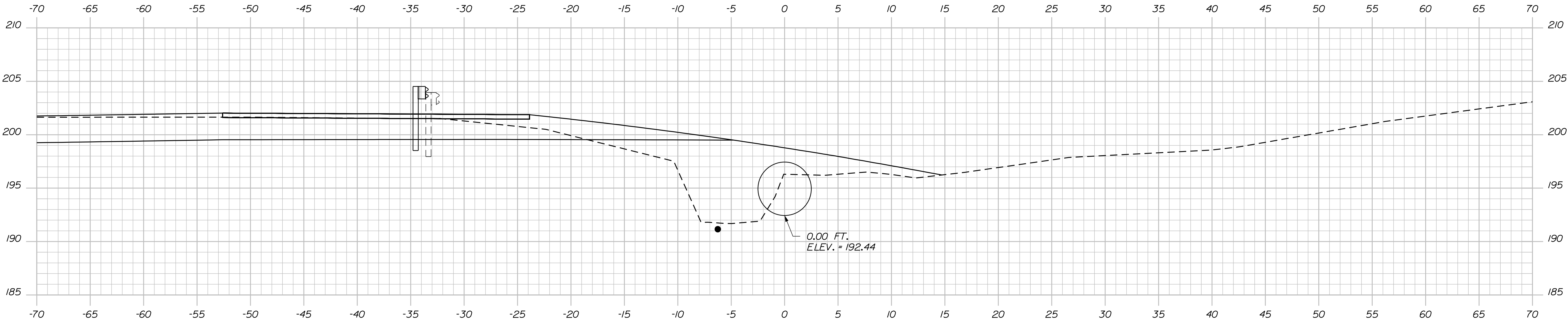


STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN 18283.00
HIGHWAY PLANS

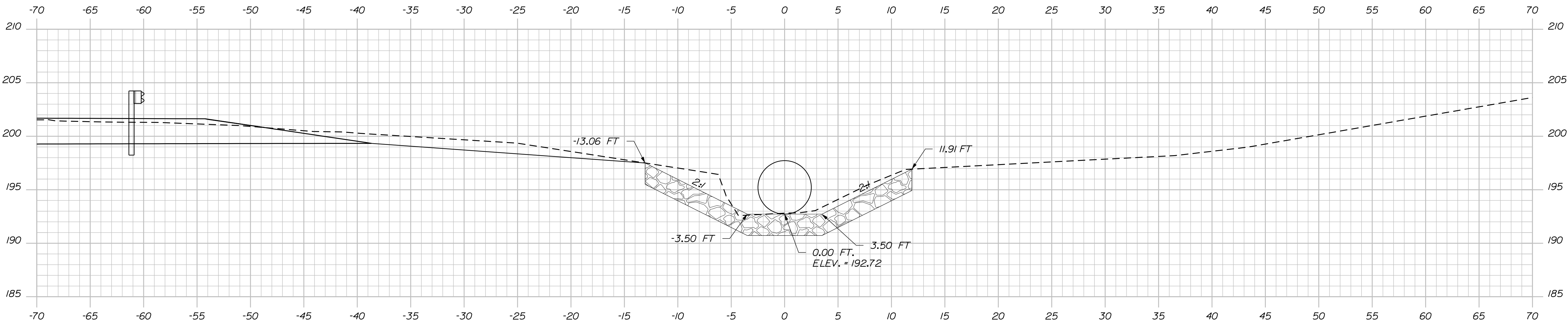
DATE	SIGNATURE
BY	P.E. NUMBER
E. MARTIN	DATE
N. COLLINS	
J. HARDEN	
T. WHITE	
C. RUSSELL	
DESIGN-DETAILED	
CHECKED-REVIEWED	
DESIGN-DETAILED	
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	

CAMDEN ROUTE 1
CROSS SECTIONS

SHEET NUMBER
139
OF 163



1+80.00



1+70.00

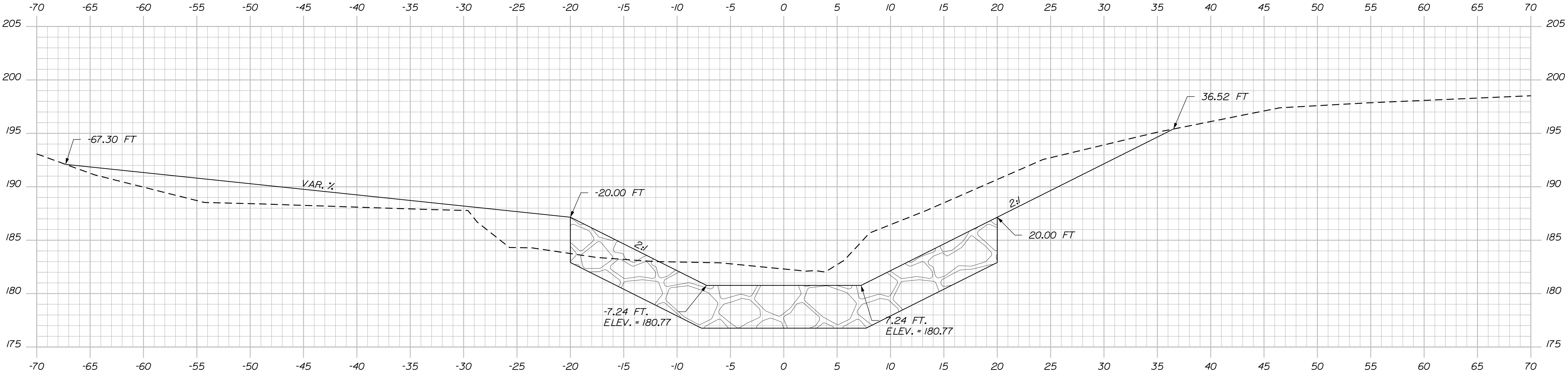
PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	J.HARDEN	
CHECKED-REVIEWED	N.COLLINS	FEB 2020
DESIGN-DETAILED	C.RUSSELL	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

SIGNATURE	P.E. NUMBER	DATE

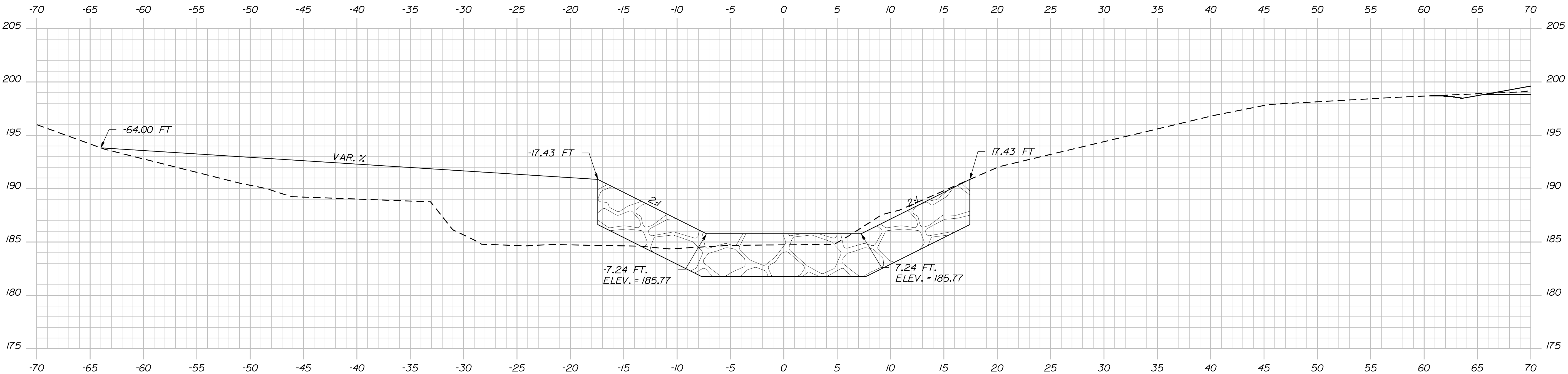
CAMDEN

ROUTE 1

CROSS SECTIONS



2+70.00



2+60.00

PROJ. MANAGER	BY	DATE
DESIGN-DETAILED	J. HARDEN	
CHECKED-REVIEWED	N. COLLINS	FEB 2020
DESIGN-DETAILED	C. RUSSELL	
DESIGN-DETAILED	T. WHITE	
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		
SIGNATURE	P.E. NUMBER	DATE

CAMDEN

ROUTE 1

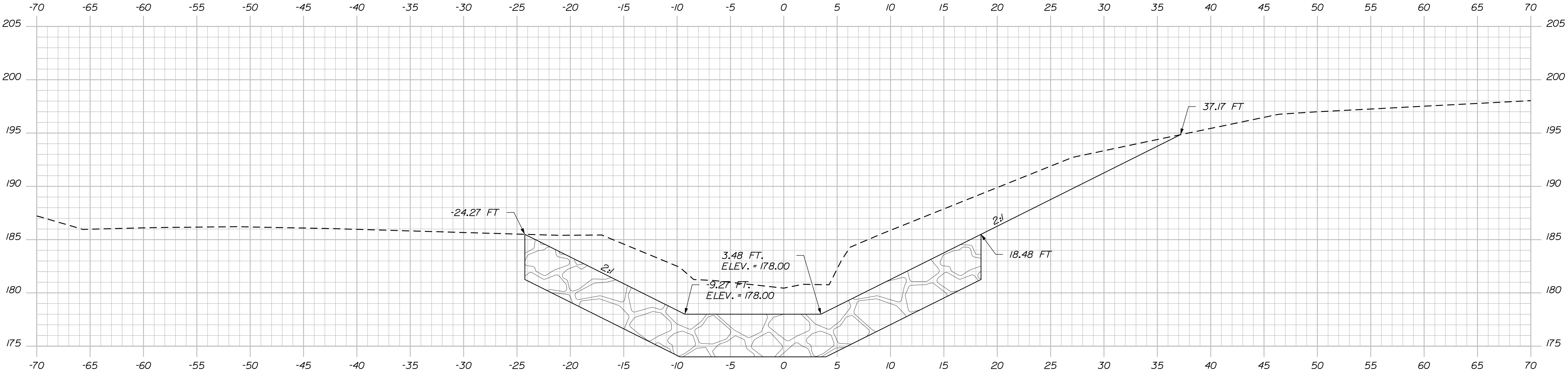
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Date:1/21/2020

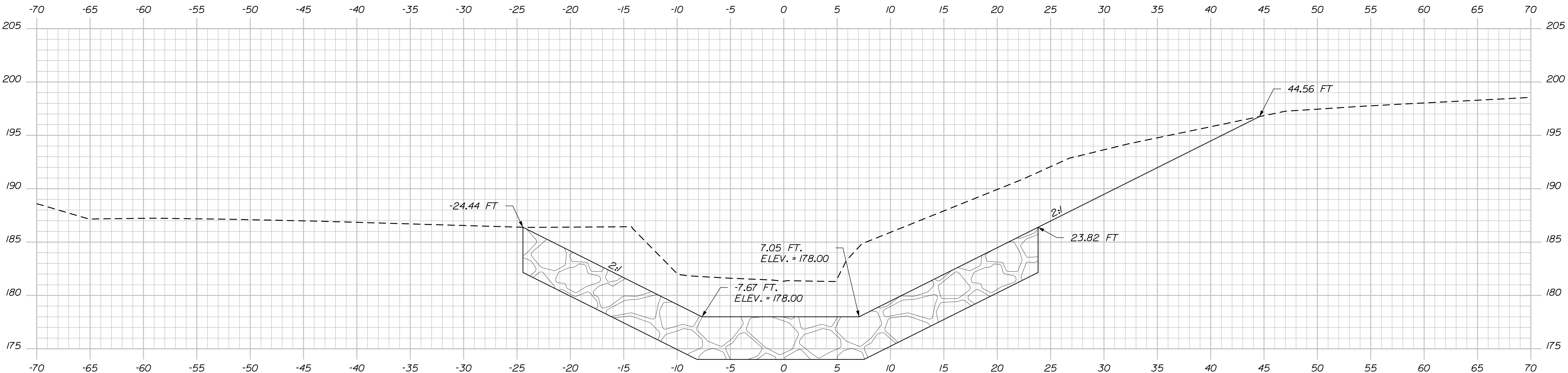
Username: notasha.m.colins

Division: HIGHWAY

Filename: ... \MSTA\143_XSECT_2+80_005.dgn



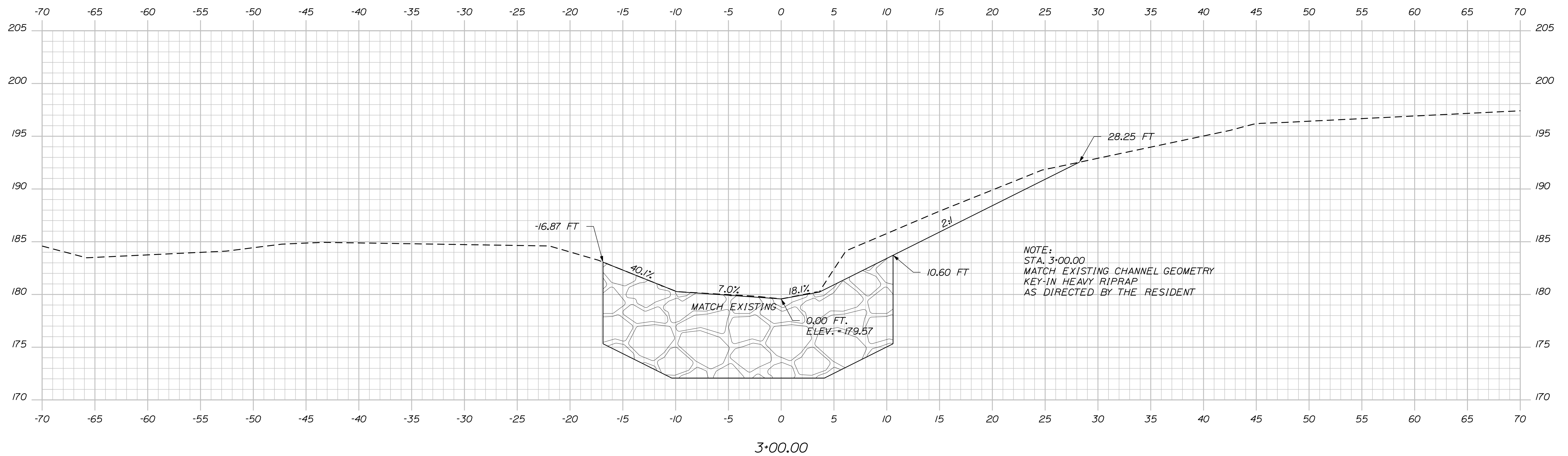
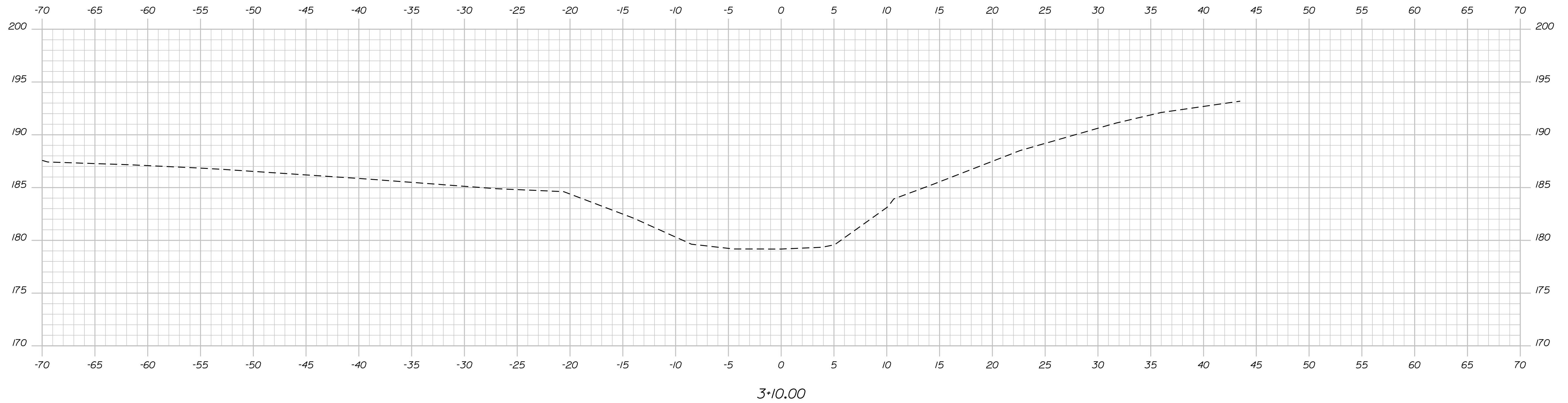
2+90.00



2+80.00

PROJ. MANAGER	BY	DATE
E. MARTIN	J. HARDEN	
CHECKED-REVIEWED	SIGNATURE	
N. COLLINS		
DESIGN-DETAILED	P.E. NUMBER	
C. RUSSELL		
REVISIONS 1	DATE	
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

CAMDEN
 ROUTE 1
 CROSS SECTIONS



NOTE:
STA. 3+00.00
MATCH EXISTING CHANNEL GEOMETRY
KEY-IN HEAVY RIPRAP
AS DIRECTED BY THE RESIDENT

DESIGN-DETAIL	N. COLLINS	J. HARDEN
CHECKED REVIEWED		
DESIGNED-DRAWN BY DATE	T. WHITE	FEB 2020
DESIGNED-DRAWN BY DATE		
REVISIONS 1		P.E. NUMBER
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		DATE

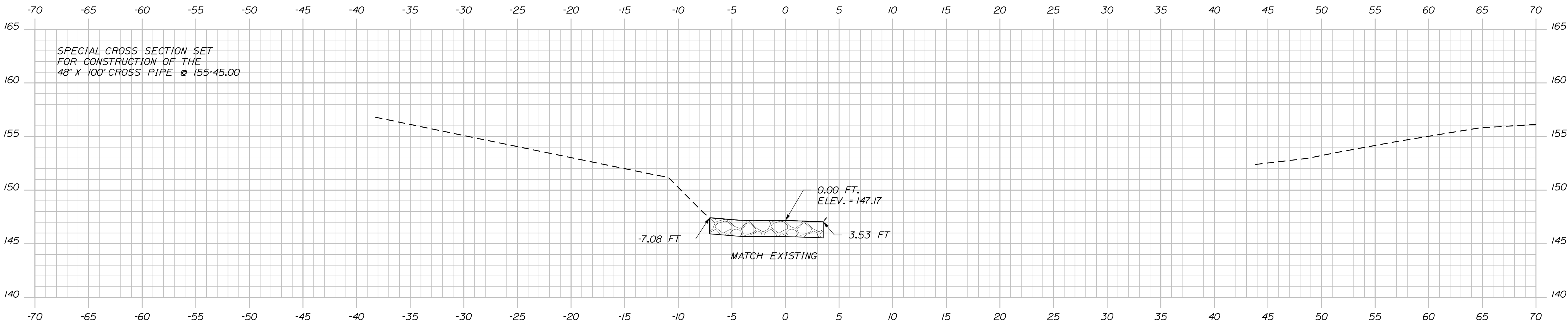
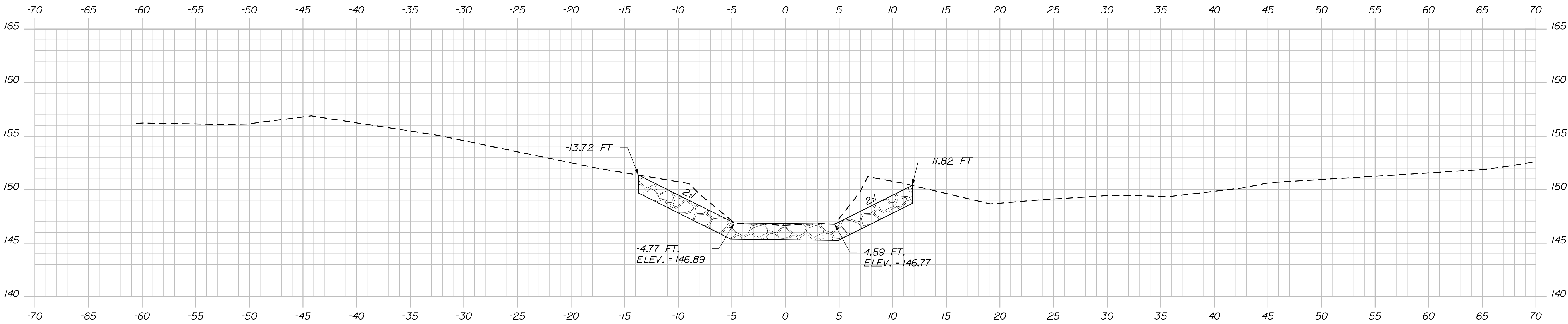
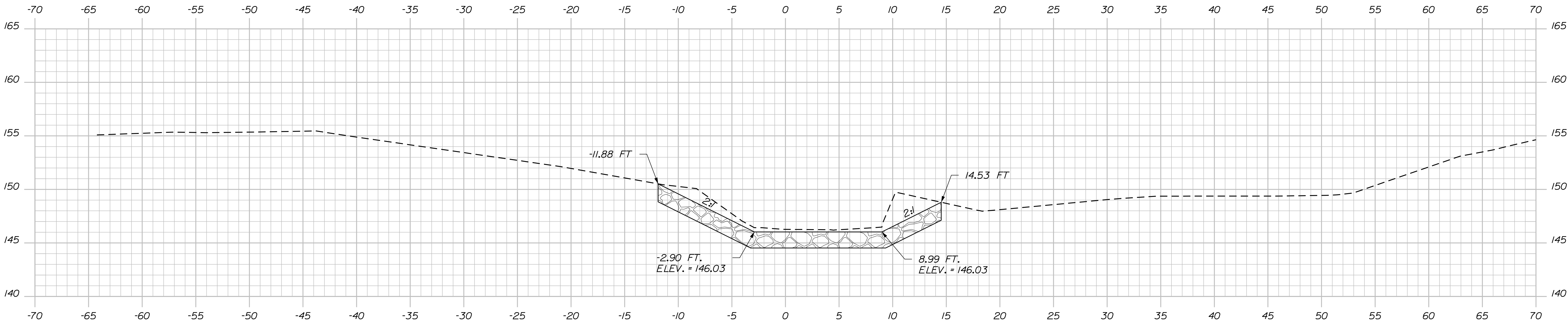
CAMDEN
ROUTE 1

SHEET NUMBER

144

OF 163

Filename: ... \MSTA\145_XSECT_0+00_007.dgn Division: HIGHWAY Username: notasha.m.collins Date:1/21/2020



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION

NH-1828(300)

WIN
18283.00
HIGHWAY PLANS

PROJ. MANAGER	E. MARTIN	BY	J. HARDEN	DATE	
DESIGN-DETAILED	N. COLLINS	CHECKED-REVIEWED	T. WHITE	SIGNATURE	
DESIGNS DETAILING	C. RUSSELL	REVISIONS 1		P.E. NUMBER	
REVISIONS 2		REVISIONS 3		DATE	
REVISIONS 4		FIELD CHANGES			

CAMDEN
ROUTE 1

SHEET NUMBER
145
OF 163

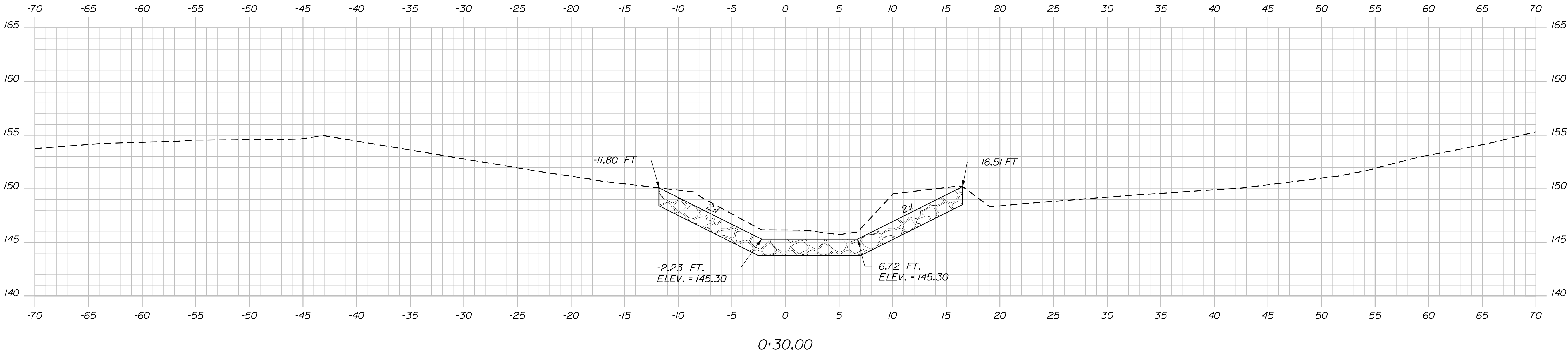
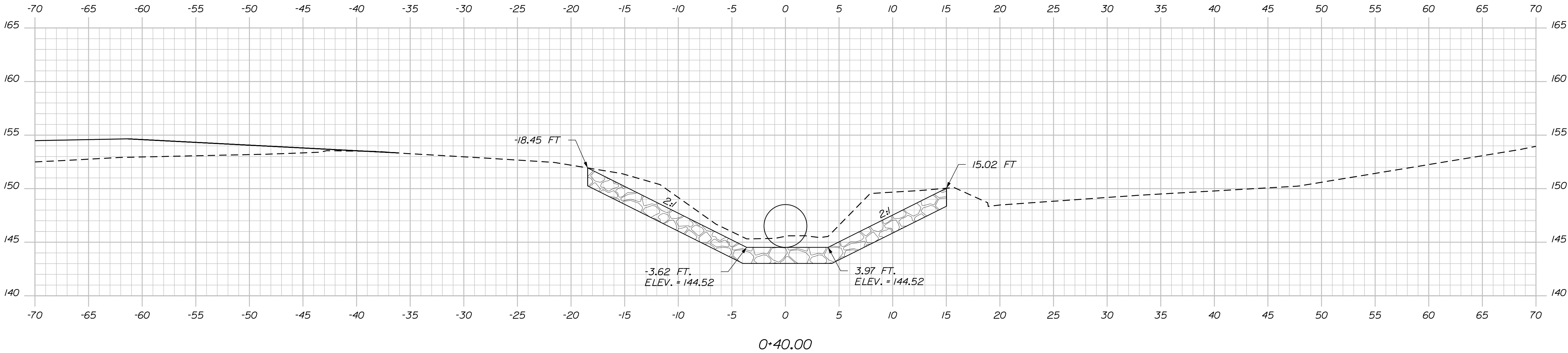
CROSS SECTIONS

Username: notasha.m.colins

Date:1/21/2020

Division: HIGHWAY

Filename: ... \MSTA\146_XSECT_0+30_008.dgn



STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
NH-1828(300)	
WIN	18283.00
HIGHWAY PLANS	

DATE	
BY	DATE
E.MARTIN	J.HARDEN
DESIGN-DETAILED	N.COLLINS
CHECKED-REVIEWED	T.WHITE
DESIGN-DETAILED	C.RUSSELL
REVISIONS 1	
REVISIONS 2	
REVISIONS 3	
REVISIONS 4	
FIELD CHANGES	
SIGNATURE	
P.E. NUMBER	
DATE	

CAMDEN	
ROUTE 1	
CROSS SECTIONS	

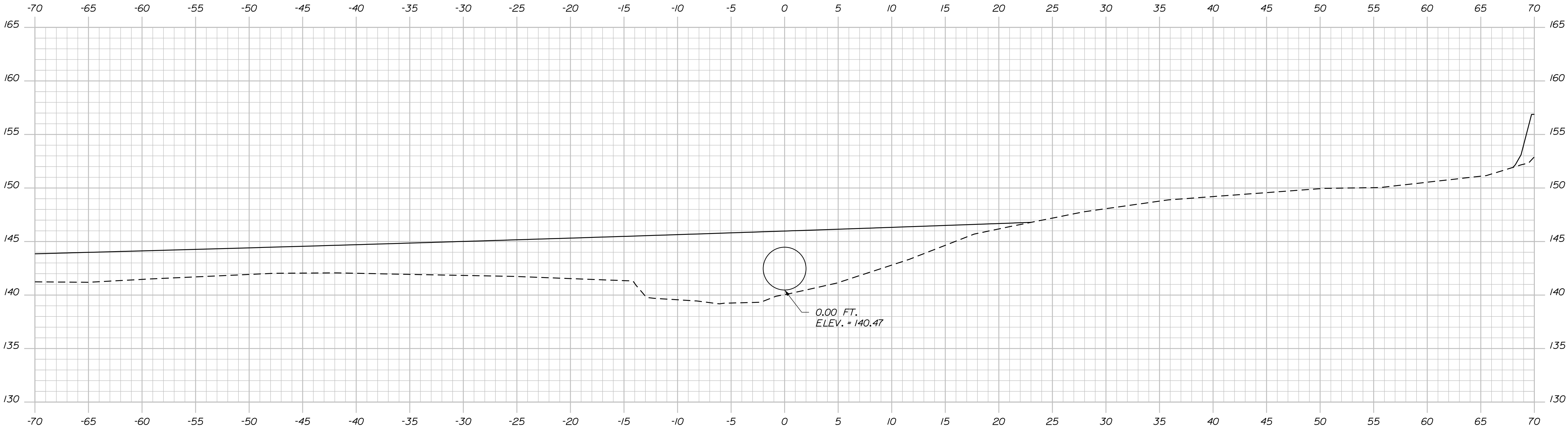
SHEET NUMBER	
146	
OF 163	

Date:1/21/2020

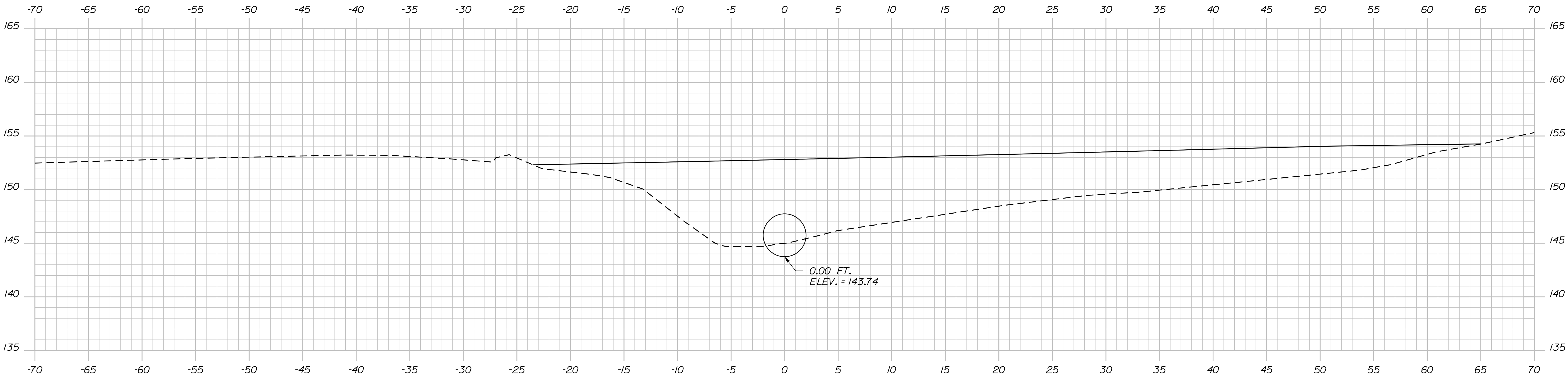
Username: notasha.m.collins

Division: HIGHWAY

Filename: ... \MSTA\147_XSECT_0+50_009.dgn



1+20.00



0+50.00

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
NH-1828(300)	
WIN	HIGHWAY PLANS
18283.00	

PROJ. MANAGER	E. MARTIN	BY	DATE
DESIGN-DETAILED	N. COLLINS	J. HARDEN	
CHECKED-REVIEWED	SIGNATURE		
DESIGN-DETAILED 02	C. RUSSELL	T. WHITE	FEB 2020
DESIGNS DETAIL 03	P.E. NUMBER		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4	DATE		
FIELD CHANGES			

CAMDEN ROUTE 1	CROSS SECTIONS
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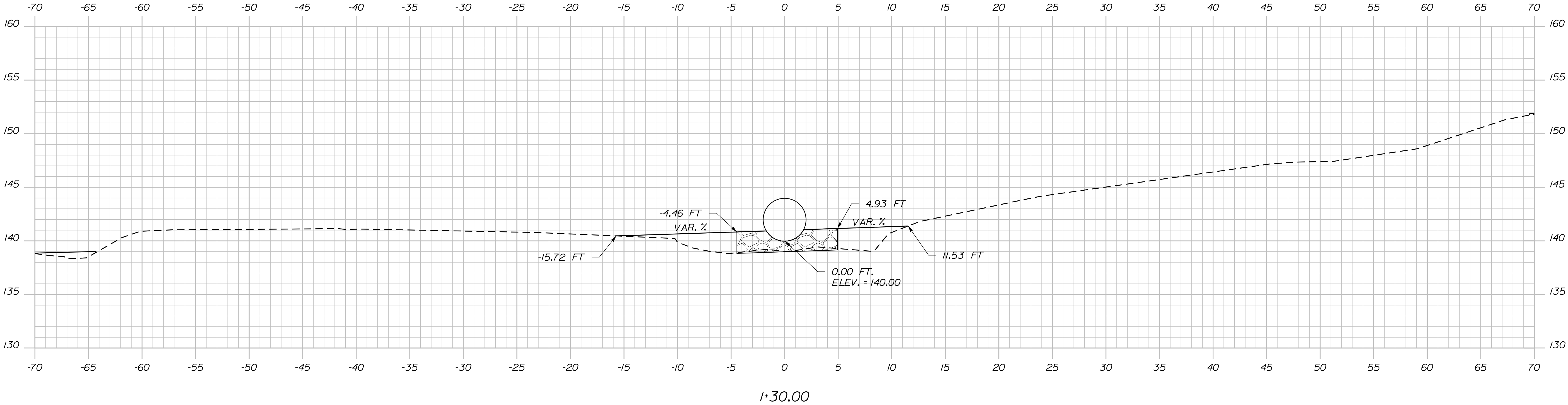
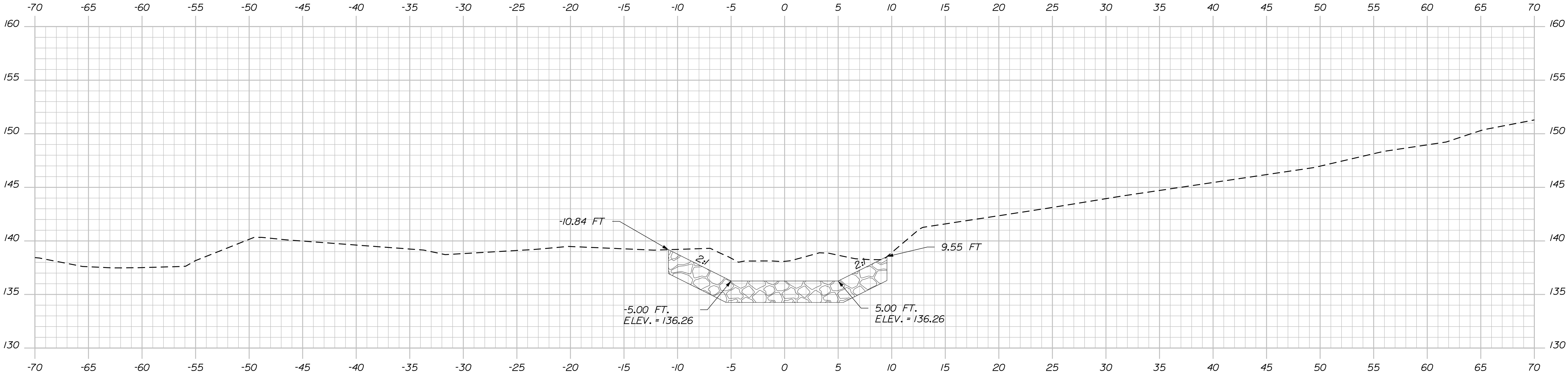
SHEET NUMBER
147
OF 163

Date:1/21/2020

Username: notasha.m.collins

Division: HIGHWAY

Filename: ... \MSTA\148_XSECT_1\130_010.dgn



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
NH-1828(300)
WIN 18283.00
HIGHWAY PLANS

DATE	BY	PROJ. MANAGER	CHECKED-REVIEWED	DESIGN-DETAILED	SIGNATURE
FEB 2020	J. HADEN	E. MARTIN	N. COLLINS	T. WHITE	
P.E. NUMBER					
DATE					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

CAMDEN ROUTE 1
CROSS SECTIONS

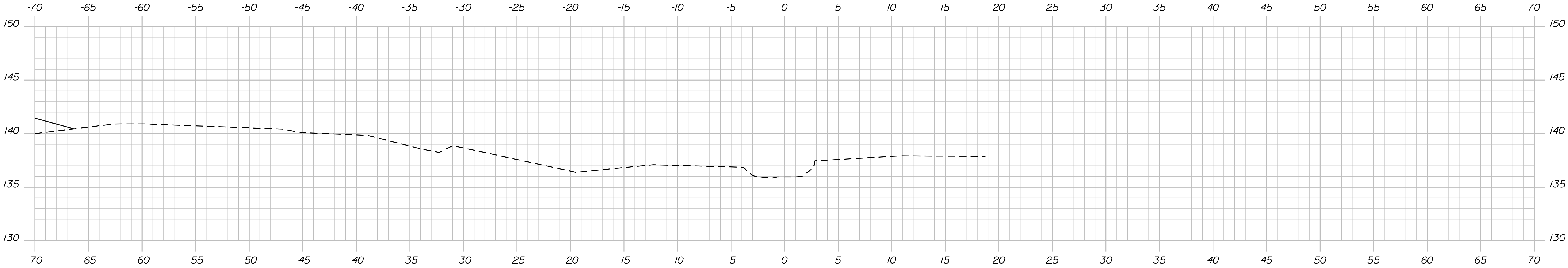
SHEET NUMBER
148
OF 163

Date:1/21/2020

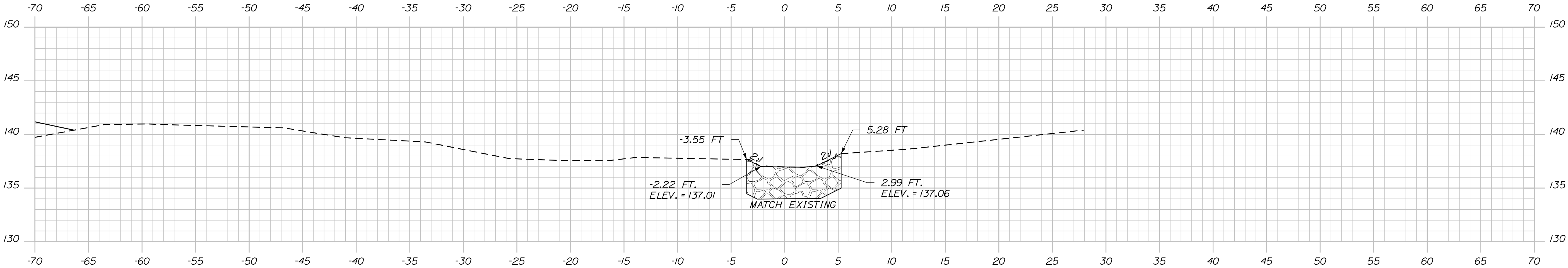
Username: notasha.m.collins

Division: HIGHWAY

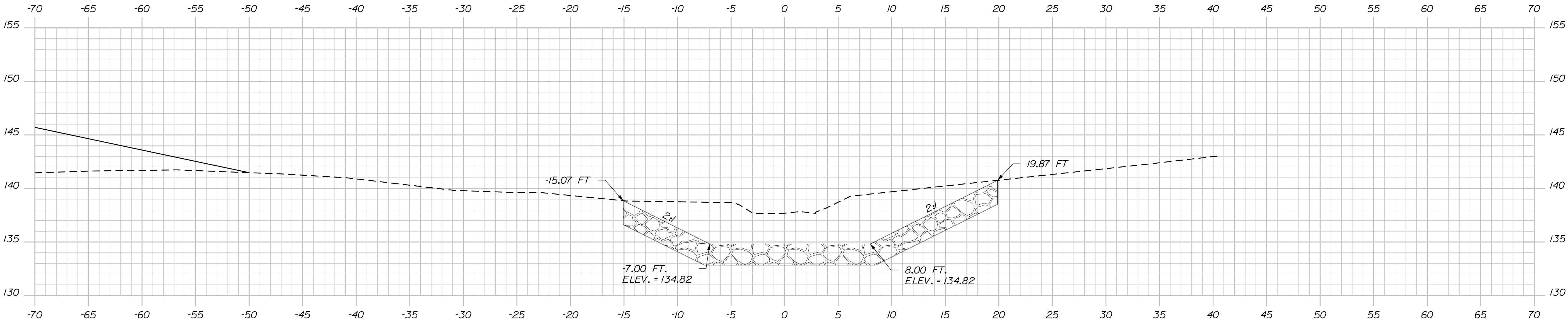
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1+70.00



1+60.00

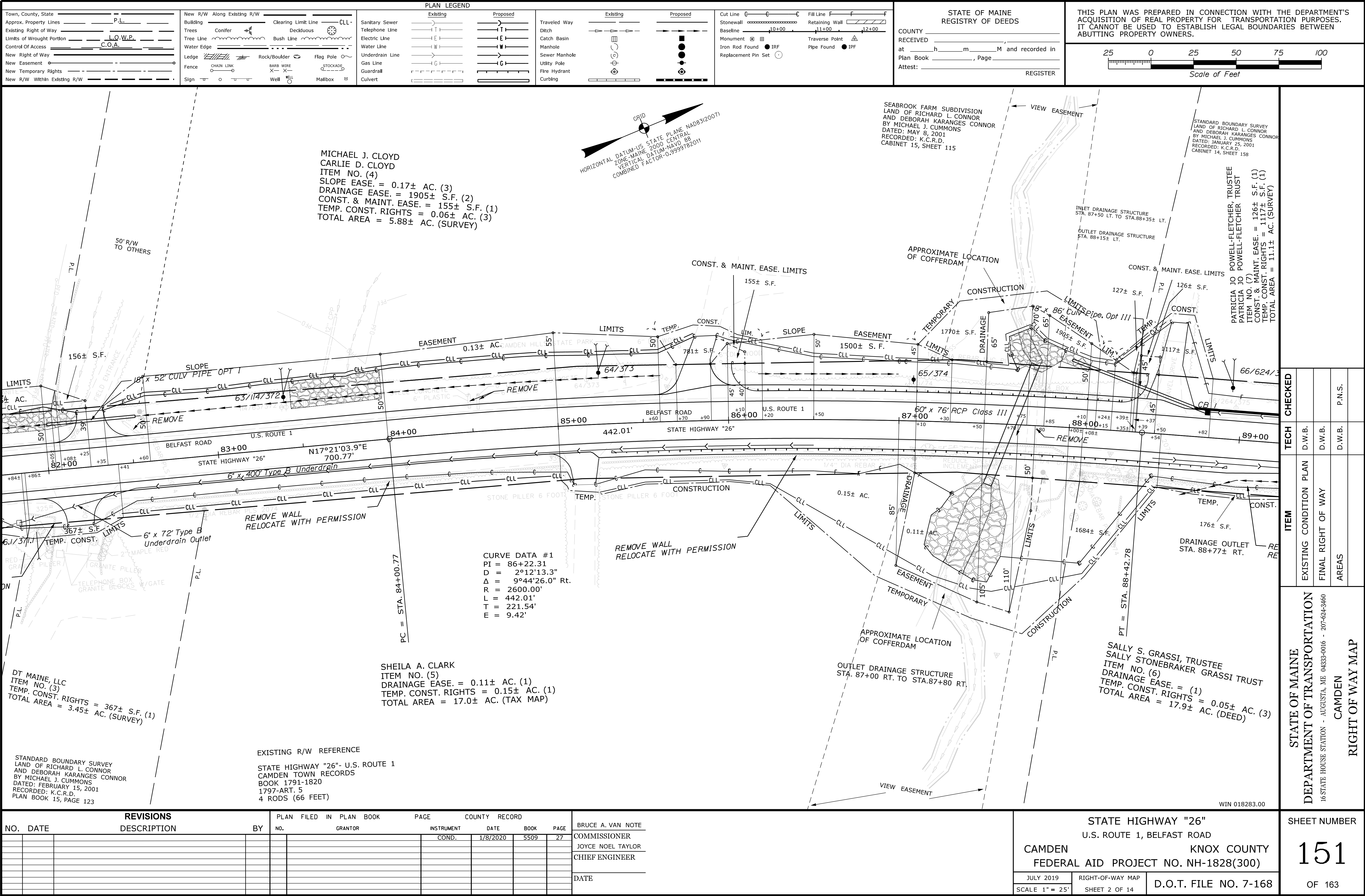


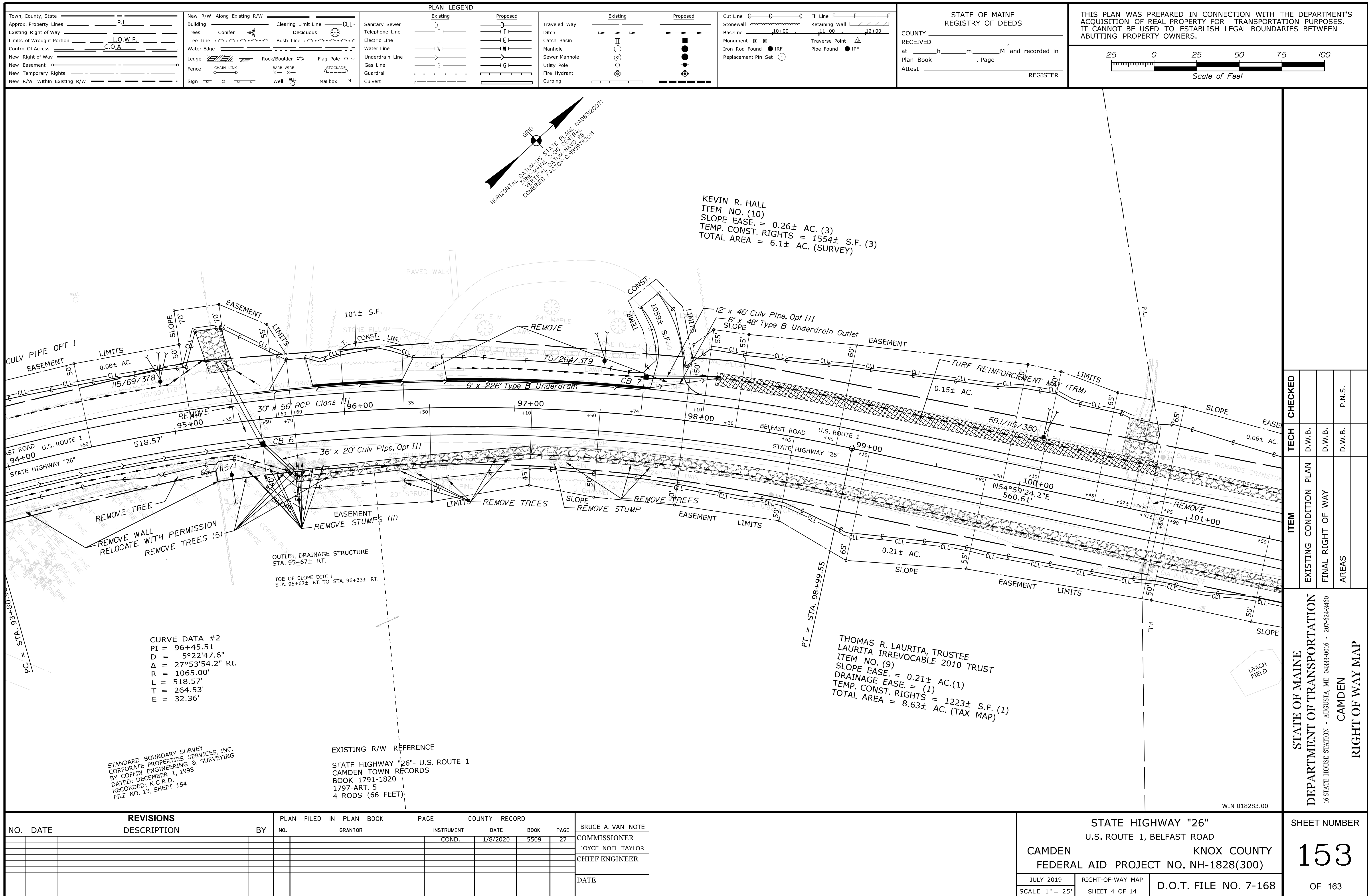
1+50.00

PROJ. MANAGER	BY	DATE
E. MARTIN	J. HARDEN	
CHECKED-REVIEWED	N. COLLINS	SIGNATURE
DESIGNED-DETAILED	T. WHITE	FEB 2020
DESIGNED-DETAILED	C. RUSSELL	P.E. NUMBER
REVISIONS 1		DATE
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		

CAMDEN
 ROUTE 1
 CROSS SECTIONS

Filename: ... \00\ROW\MSTA002_RWPLAN2.dgn Division: HIGHWAY Username: notasha.m.colins Date:1/21/2020





REVISIONS				PLAN FILED IN PLAN BOOK PAGE COUNTY RECORD						BRUCE A. VAN NOTE	STATE HIGHWAY "26" U.S. ROUTE 1, BELFAST ROAD			SHEET NUMBER
NO.	DATE	DESCRIPTION	BY	NO.	GRANTOR	INSTRUMENT	DATE	BOOK	PAGE					
						COND.	1/8/2020	5509	27	COMMISSIONER	CAMDEN KNOX COUNTY FEDERAL AID PROJECT NO. NH-1828(300)			154
										JOYCE NOEL TAYLOR				
										CHIEF ENGINEER	D.O.T. FILE NO. 7-168			OF 163
										DATE				

This figure is a detailed engineering plan for a transportation project, specifically showing the layout of State Highway "26" (U.S. Route 1) in Camden, Knox County, Maine. The plan includes property boundaries, easements, and various engineering details.

Plan Legend:

- PLAN LEGEND**
 - Existing**
 - Sanitary Sewer
 - Telephone Line
 - Electric Line
 - Water Line
 - Underdrain Line
 - Gas Line
 - Guardrail
 - Culvert
 - Proposed**
 - Sanitary Sewer
 - Telephone Line
 - Electric Line
 - Water Line
 - Underdrain Line
 - Gas Line
 - Guardrail
 - Culvert
- Travelled Way**
 - Ditch
 - Catch Basin
 - Manhole
 - Sewer Manhole
 - Utility Pole
 - Fire Hydrant
 - Curbing
- Cut Line**
 - Stonewall
 - Baseline
 - Monument
 - Iron Rod Found
 - Replacement Pin Set
- Fill Line**
 - Retaining Wall
 - Traverse Point
 - Pipe Found

STATE OF MAINE DEPARTMENT OF TRANSPORTATION

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 ADJUTING PROPERTY OWNERS.

Scale of Feet

BRUCE G. TOLMAN
SUSAN J. TOLMAN
ITEM NO. (27)
TEMP. CONST. RIGHTS = 128± S.F. (1)
TOTAL AREA = 1.96± AC. (TAX MAP)

ITEM NO. (28) OMITTED

530 BELFAST ROAD, LLC
ITEM NO. (30)
DRAINAGE EASE. = 410± S.F. (1)
TEMP. CONST. RIGHTS = 1201± S.F. (4)
TOTAL AREA = 3.5± AC. (CALC.)

BRUCE G. TOLMAN
SUSAN J. TOLMAN
ITEM NO. (27)
TEMP. CONST. RIGHTS = 128± S.F. (1)
TOTAL AREA = 1.96± AC. (TAX MAP)

CURVE DATA #4
PI = 130+85.32
D = 0°50'33.3"
Δ = 3°03'22.3" Lt.
R = 6800.00'
L = 362.72'
T = 181.40'
E = 2.42'

INLET DRAINAGE STRUCTURE
STA. 132+50 LT. TO STA. 132+85 LT.

LEACH FIELD

UNDERGROUND POWER

PROPERTY DRAINS

EXISTING CELLAR DRAINS

TEMPORARY CONSTRUCTION LIMITS

OUTLET DRAINAGE STRUCTURE
STA. 137+14± LT.

BRUCE G. TOLMAN
SUSAN J. TOLMAN
ITEM NO. (27)
TEMP. CONST. RIGHTS = 128± S.F. (1)
TOTAL AREA = 1.96± AC. (TAX MAP)

530 BELFAST ROAD, LLC
ITEM NO. (30)
DRAINAGE EASE. = 410± S.F. (1)
TEMP. CONST. RIGHTS = 1201± S.F. (4)
TOTAL AREA = 3.5± AC. (CALC.)

BRUCE G. TOLMAN
SUSAN J. TOLMAN
ITEM NO. (27)
TEMP. CONST. RIGHTS = 128± S.F. (1)
TOTAL AREA = 1.96± AC. (TAX MAP)

CURVE DATA #4
PI = 130+85.32
D = 0°50'33.3"
Δ = 3°03'22.3" Lt.
R = 6800.00'
L = 362.72'
T = 181.40'
E = 2.42'

INLET DRAINAGE STRUCTURE
STA. 132+50 LT. TO STA. 132+85 LT.

LEACH FIELD

UNDERGROUND POWER

PROPERTY DRAINS

EXISTING CELLAR DRAINS

TEMPORARY CONSTRUCTION LIMITS

OUTLET DRAINAGE STRUCTURE
STA. 137+14± LT.

BRUCE G. TOLMAN
SUSAN J. TOLMAN
ITEM NO. (27)
TEMP. CONST. RIGHTS = 128± S.F. (1)
TOTAL AREA = 1.96± AC. (TAX MAP)

530 BELFAST ROAD, LLC
ITEM NO. (30)
DRAINAGE EASE. = 410± S.F. (1)
TEMP. CONST. RIGHTS = 1201± S.F. (4)
TOTAL AREA = 3.5± AC. (CALC.)

BRUCE G. TOLMAN
SUSAN J. TOLMAN
ITEM NO. (27)
TEMP. CONST. RIGHTS = 128± S.F. (1)
TOTAL AREA = 1.96± AC. (TAX MAP)

CURVE DATA #4
PI = 130+85.32
D = 0°50'33.3"
Δ = 3°03'22.3" Lt.
R = 6800.00'
L = 362.72'
T = 181.40'
E = 2.42'

INLET DRAINAGE STRUCTURE
STA. 132+50 LT. TO STA. 132+85 LT.

LEACH FIELD

UNDERGROUND POWER

PROPERTY DRAINS

EXISTING CELLAR DRAINS

TEMPORARY CONSTRUCTION LIMITS

OUTLET DRAINAGE STRUCTURE
STA. 137+14± LT.

BRUCE G. TOLMAN
SUSAN J. TOLMAN
ITEM NO. (27)
TEMP. CONST. RIGHTS = 128± S.F. (1)
TOTAL AREA = 1.96± AC. (TAX MAP)

530 BELFAST ROAD, LLC
ITEM NO. (30)
DRAINAGE EASE. = 410± S.F. (1)
TEMP. CONST. RIGHTS = 1201± S.F. (4)
TOTAL AREA = 3.5± AC. (CALC.)

BRUCE G. TOLMAN
SUSAN J. TOLMAN
ITEM NO. (27)
TEMP. CONST. RIGHTS = 128± S.F. (1)
TOTAL AREA = 1.96± AC. (TAX MAP)

CURVE DATA #4
PI = 130+85.32
D = 0°50'33.3"
Δ = 3°03'22.3" Lt.
R = 6800.00'
L = 362.72'
T = 181.40'
E = 2.42'

INLET DRAINAGE STRUCTURE
STA. 132+50 LT. TO STA. 132+85 LT.

LEACH FIELD

UNDERGROUND POWER

PROPERTY DRAINS

EXISTING CELLAR DRAINS

TEMPORARY CONSTRUCTION LIMITS

OUTLET DRAINAGE STRUCTURE
STA. 137+14± LT.

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UNDERGROUND POWER

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TEMPORARY CONSTRUCTION LIMITS

OUTLET DRAINAGE STRUCTURE
STA. 137+14± LT.

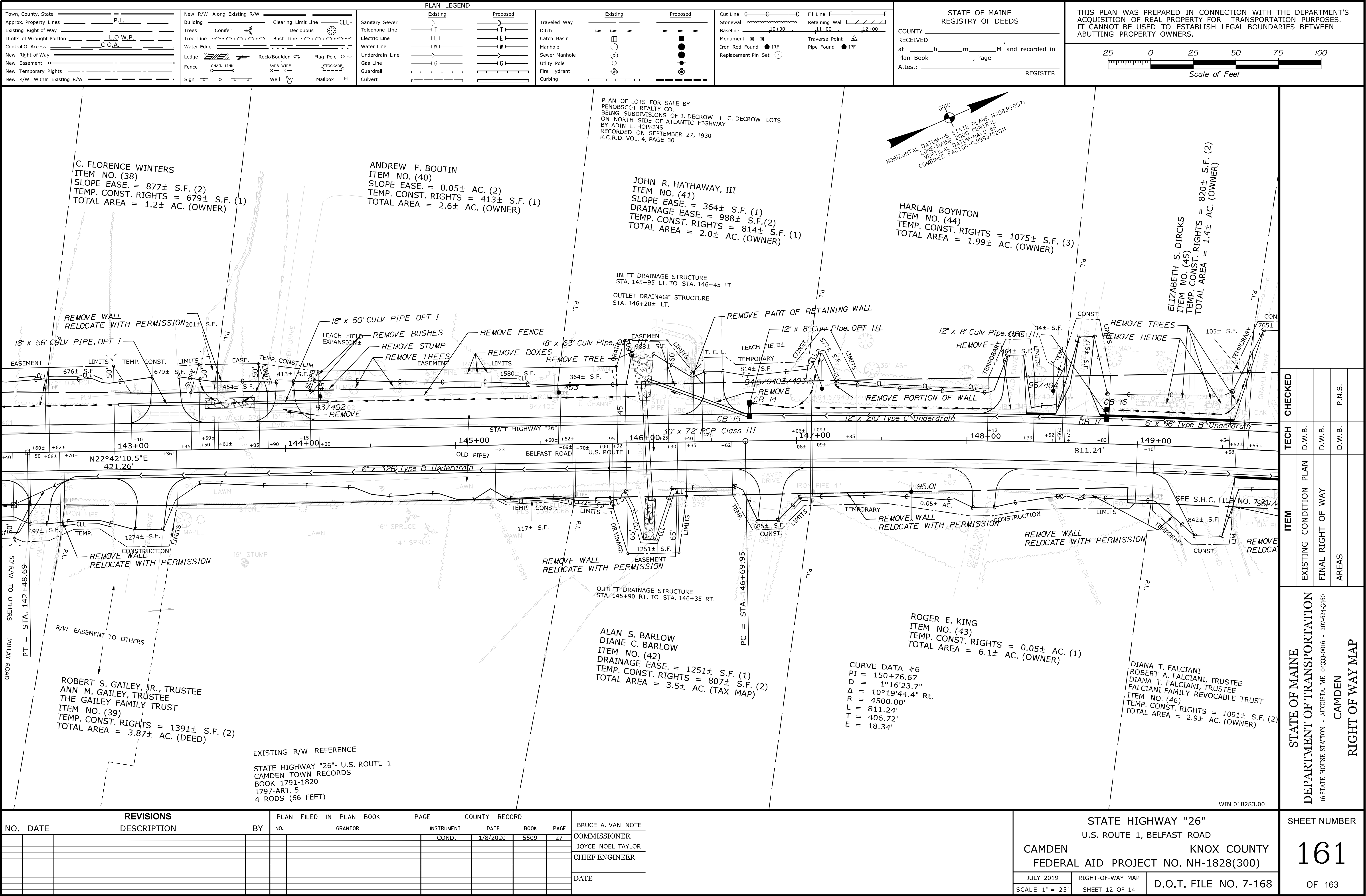
BRUCE G. TOLMAN
SUSAN J. TOLMAN
ITEM NO. (27)
TEMP. CONST. RIGHTS = 128± S.F. (1)
TOTAL AREA = 1.96± AC. (TAX MAP)

530 BELFAST ROAD, LLC
ITEM NO. (30)
DRAINAGE EASE. = 410± S.F. (1)
TEMP. CONST. RIGHTS = 1201± S.F. (4)
TOTAL AREA = 3.5± AC. (CALC.)

BRUCE G. TOLMAN
SUSAN J. TOLMAN
ITEM NO. (27)
TEMP. CONST. RIGHTS = 128± S.F. (1)
TOTAL AREA = 1.96± AC. (TAX MAP)

CURVE DATA #4
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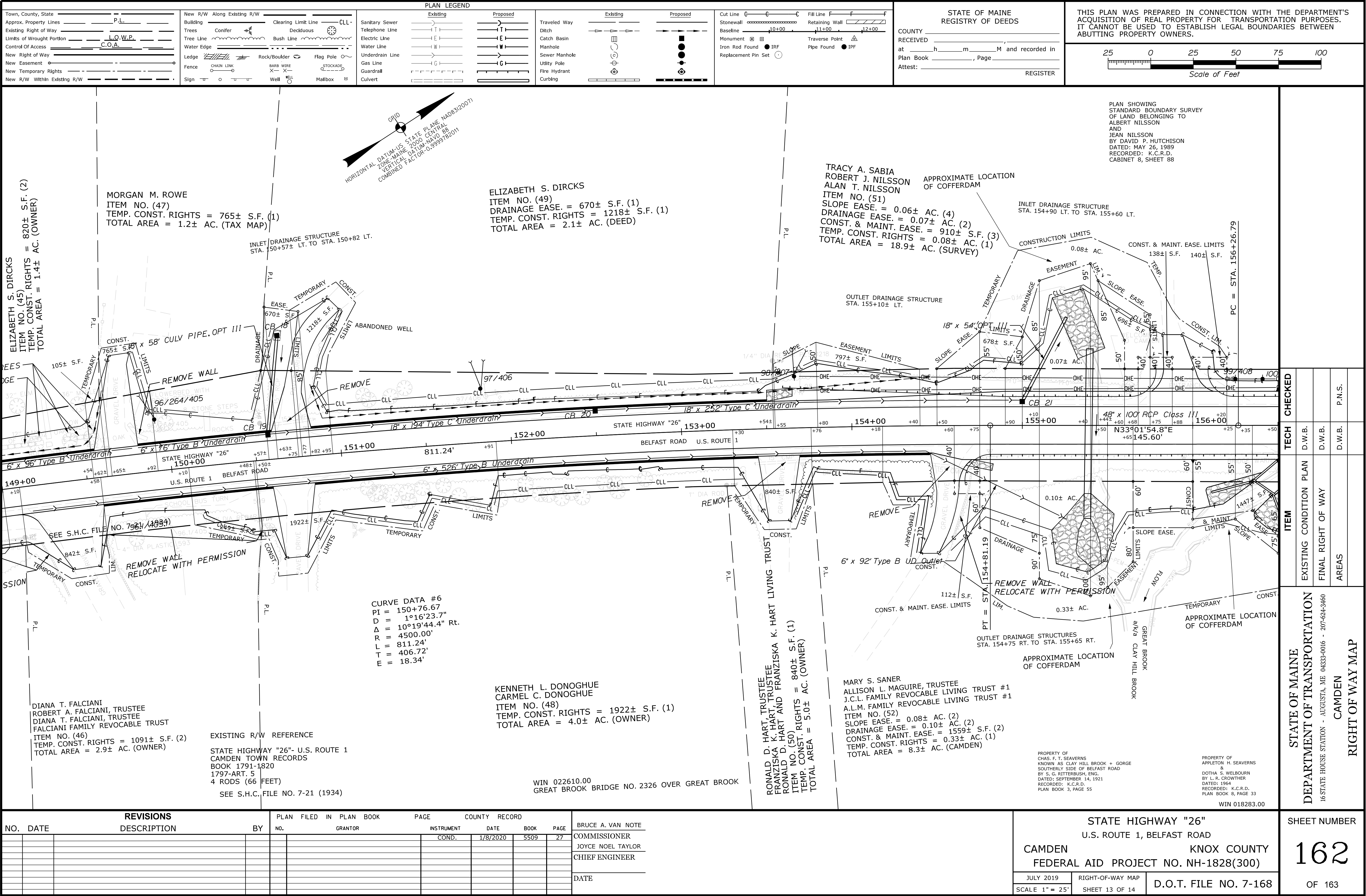
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Username: notasha.m.colins Date:1/21/2020

Division: HIGHWAY

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Username: notasha.m.colins

Date:1/21/2020

Division: HIGHWAY

Filename: ...\\00\\ROW\\MSTA\\014_RWP\\PLAN14.dgn

