

Date: 3/17/2020

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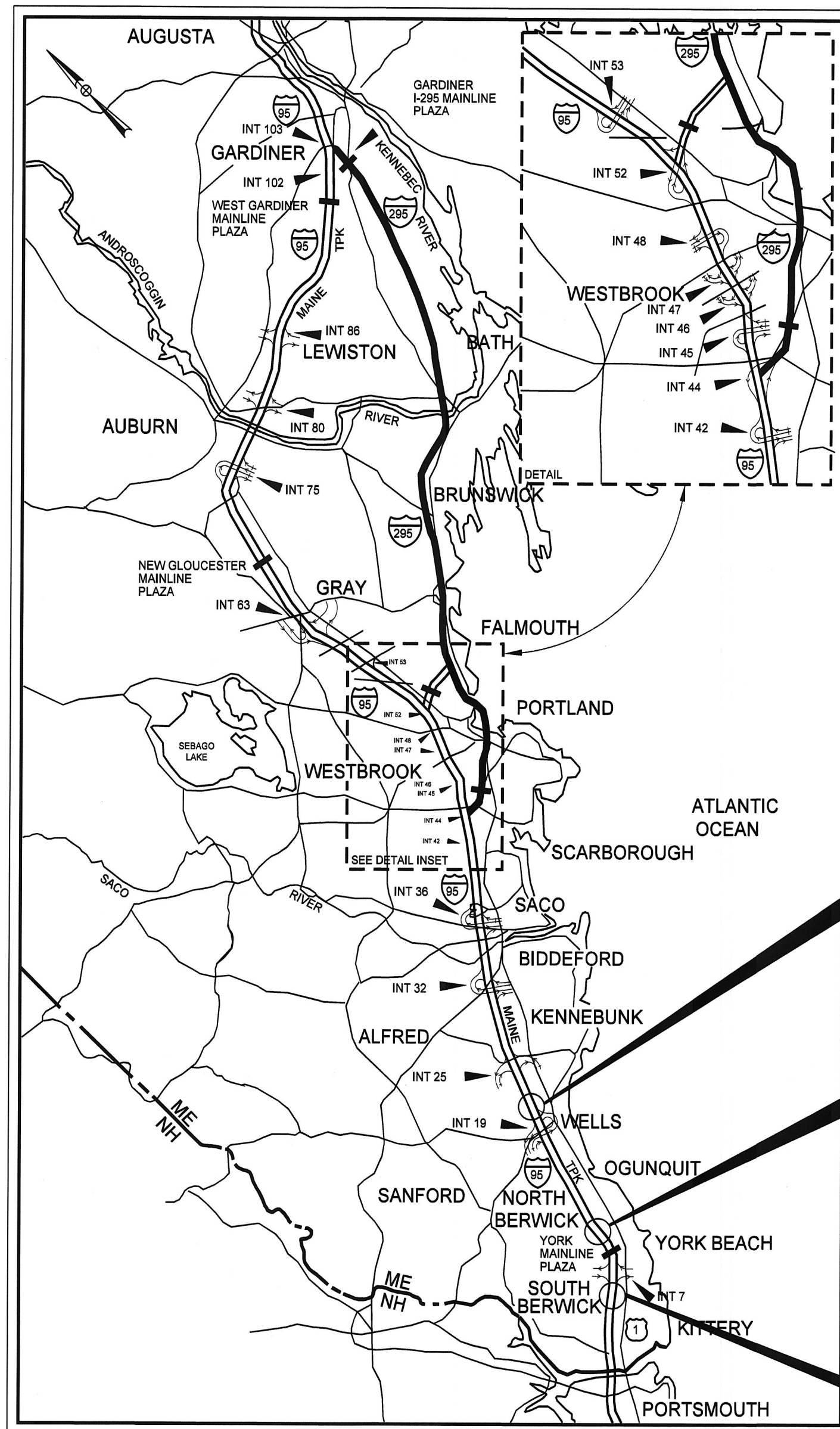
THE GOLD STAR  
MEMORIAL HIGHWAY

# MAINE TURNPIKE AUTHORITY

DANIEL E. WATHEN, CHAIR  
ROBERT D. STONE, VICE CHAIR  
MICHAEL J. CIANCHETTE, MEMBER  
JANE L. LINCOLN, MEMBER  
ANN R. ROBINSON, MEMBER  
THOMAS J. ZUKE, MEMBER  
BRUCE A. VAN NOTE, EX-OFFICIO MEMBER

S. PETER MILLS, EXECUTIVE DIRECTOR

## CONTRACT 2020.06



LOCATION MAP

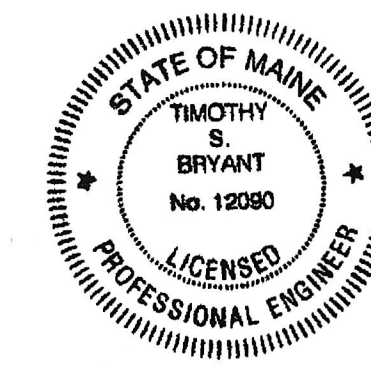
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# 2020 EMERGENCY VEHICLE RAMPS CIDER HILL RD UNDERPASS (MM 6.2) YORK, ME MOUNTAIN RD UNDERPASS (MM 10.6) YORK, ME BURNT MILL RD UNDERPASS (MM 19.9) WELLS, ME

APPROVED: MAINE TURNPIKE AUTHORITY

*Peter S. Merfeld* 3/18/2020  
PETER S. MERFELD, P.E. - CHIEF OPERATIONS OFFICER DATE

*Stephen R. Tartre* 3/18/20  
STEPHEN R. TARTRE, P.E. - DIRECTOR OF ENGINEERING & BUILDING MAINTENANCE DATE



*Timothy S. Bryant*  
Timothy S. Bryant, P.E.  
Consultant Project Manager

3/17/2020  
DATE

Contract 2020.06

ESTIMATED QUANTITIES


ITEM	DESCRIPTION	UNIT	PROJECT ITEMS	CIDER HILL ROAD		MOUNTAIN ROAD		BURNT MILL ROAD		TOTAL QUANTITY
				NB EVR QUANTITY	SB EVR QUANTITY	NB EVR QUANTITY	SB EVR QUANTITY	NB EVR QUANTITY	SB EVR QUANTITY	
201.11	Clearing	AC		0.09	0.13	0.08	0.05	0.48	0.34	1.17
201.23	Remove Single Tree - Top Only	EA			1					1
201.24	Remove Stump	EA			1					1
203.20	Common Excavation	CY		490	360	350	260	560	330	2350
203.24	Common Borrow	CY		1900	350	40	120	2300	1000	5710
203.25	Granular Borrow	CY			110					110
304.10	Aggregate Subbase Course - Gravel	CY		450	270	285	260	580	320	2165
304.14	Aggregate Base Course - Type A	CY		120	70	75	65	150	80	560
403.207	Hot Mix Asphalt - 19.0 MM Nom. Max. Size (Base)	Ton		100	60	60	50	140	90	500
403.208	Hot Mix Asphalt - 12.5 MM Nom. Max. Size (Surface)	Ton		60	40	40	30	90	50	310
409.15	Bituminous Tack Coat RS-1 or RS-1h - Applied	Gallon		30	20	16	14	40	30	150
419.30	Saw Cutting Bituminous Pavement	LF		210	180	170	150	210	160	1080
603.155	12" RCP Class III	LF			48					48
603.175	18" RCP Class III	LF		68						68
603.179	18" Culvert Pipe OPT III	LF		24		44	44	112	36	260
603.209	30" Culvert Pipe OPT III	LF			44					44
604.09	Catch Basin Type B1	EA		1.5						1.5
606.242	Guardrail Type 3D - Over 15 ft radius	LF		38				113		150
606.265	Terminal End - Single Rail - Galvanized Steel	EA		2				3		5
606.278	Terminal End - Anchored End	EA		2				3		5
606.353	Reflectorized Flexible Guardrail Marker	EA		4				6		10
606.3561	Delineator Post - Remove and Stack	EA		2	2	2	2	2	2	12
606.369	Guardrail Remove and Stack	LF		75				138		213
607.17	Chain Link Fence - 6 Ft	LF		150	50	70	73	40	60	443
607.2325	Pipe Entry Gate	EA		1	1	1	1	1	1	6
607.32	Bracing Assembly Type I - Metal Posts	EA		4	4	4	4	3	2	21
607.33	Bracing Assembly Type II - Metal Posts	EA		2		2	2	1	3	10
610.08	Plain Riprap	CY		5	7	4	3	7	3	29
610.18	Stone Ditch Protection	CY		14						14
610.181	Temporary Stone Check Dam	CY		4						4
613.319	Erosion Control Blanket	SY		170				15	45	230
615.07	Loam	CY		160	50	30	30	170	90	530
618.14	Seeding Method Number 2	Unit		13	4	3	3	14	7	44
619.1201	Mulch - Plan Quantity	Unit		13	4	3	3	14	7	44
620.58	Erosion Control Geotextile	SY		79	30	14	13	27	13	176
621.045	Evergreen Trees 6' - 8' Gr. C	EA							5	5
626.33	30 Inch Foundation, 8-Foot or less Foundation	EA	2							2
629.05	Hand Labor, Straight Time	HR	30							30
631.12	All Purpose Excavator (including operator)	HR	30							30
631.171	Truck - Small (including operator)	HR	30							30
631.36	Foreman	HR	30							30
645.109	Remove and Reset Sign	EA	2							2
645.162	Breakaway Device Multi Pole	EA	2							2
645.271	Regulatory, Warning, Confirmation and Route Marker Assembly Sign, Type 1	SF	216							216
645.289	Steel H-Beam Poles	LBS	365							365
652.39	Work Zone Traffic Control	LS	1							1
652.45	Truck Mounted Attenuator	CD	25							25
656.50	Baled Hay, in Place	EA	90							90
656.632	30" Temporary Silt Fence	LF		500	400	400	300	1100		2700
659.10	Mobilization	LS	1							1

Date: 3/26/2020

Filename: ... \002\_Quantities.dgn

Scale:			
No.	Revision	By	Date


Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

By	Date	By	Date
AGC	2/2020	ECF	2/2020
BMD	2/2020	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

EMERGENCY VEHICLE RAMPS  
 ALL LOCATIONS  
 ESTIMATED QUANTITIES

VHB: 55281.00 SHEET NUMBER: 2  
 CONTRACT: 2020.06 2 OF 49

CIDER HILL RD NORTHBOUND EVR EARTHWORK SUMMARY

<b>COMMON EXCAVATION FOR ESTIMATE</b>			
COMMON EXCAVATION (FROM CROSS SECTIONS)		319	
GRUBBING IN FILL		169	
TOTAL COMMON EXCAVATION (for estimate)			488
<b>FILL FOR BORROW CALCULATIONS</b>			
COMMON FILL (FROM CROSS SECTIONS)		1,875	
GRUBBING IN FILL		169	
TOTAL FILL			2,044
<b>AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS</b>			
(1) TOTAL COMMON EXCAVATION			488
DEDUCTIONS:			
GRUBBING IN CUT		125	
GRUBBING IN FILL		169	
(2) TOTAL DEDUCTIONS			294
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)			194
TOTAL AVAILABLE NON-ROCK EXCAVATION			194
<b>COMPUTATION FOR COMMON BORROW FOR ESTIMATE</b>			
(3)TOTAL FILL			2,044
TOTAL AVAIL. NON-ROCK EXCAV.	194 x 0.90 =	175	
(4)TOTAL AVAILABLE EXCAVATION			175
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION			1,869
<b>COMMON BORROW</b>			1,869

MOUNTAIN RD NORTHBOUND EVR EARTHWORK SUMMARY

<b>COMMON EXCAVATION FOR ESTIMATE</b>			
COMMON EXCAVATION (FROM CROSS SECTIONS)		272	
GRUBBING IN FILL		70	
TOTAL COMMON EXCAVATION (for estimate)			342
<b>FILL FOR BORROW CALCULATIONS</b>			
COMMON FILL (FROM CROSS SECTIONS)		193	
GRUBBING IN FILL		70	
TOTAL FILL			263
<b>AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS</b>			
(1) TOTAL COMMON EXCAVATION			342
DEDUCTIONS:			
GRUBBING IN CUT		22	
GRUBBING IN FILL		70	
(2) TOTAL DEDUCTIONS			92
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)			250
TOTAL AVAILABLE NON-ROCK EXCAVATION			250
<b>COMPUTATION FOR COMMON BORROW FOR ESTIMATE</b>			
(3)TOTAL FILL			263
TOTAL AVAIL. NON-ROCK EXCAV.	250 x 0.90 =	225	
(4)TOTAL AVAILABLE EXCAVATION			225
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION			38
<b>COMMON BORROW</b>			38

BURNT MILL RD NORTHBOUND EVR EARTHWORK SUMMARY

<b>COMMON EXCAVATION FOR ESTIMATE</b>			
COMMON EXCAVATION (FROM CROSS SECTIONS)		219	
GRUBBING IN FILL		340	
TOTAL COMMON EXCAVATION (for estimate)			559
<b>FILL FOR BORROW CALCULATIONS</b>			
COMMON FILL (FROM CROSS SECTIONS)		2,079	
GRUBBING IN FILL		340	
TOTAL FILL			2,419
<b>AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS</b>			
(1) TOTAL COMMON EXCAVATION			559
DEDUCTIONS:			
GRUBBING IN CUT		62	
GRUBBING IN FILL		340	
(2) TOTAL DEDUCTIONS			402
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)			157
TOTAL AVAILABLE NON-ROCK EXCAVATION			157
<b>COMPUTATION FOR COMMON BORROW FOR ESTIMATE</b>			
(3)TOTAL FILL			2,419
TOTAL AVAIL. NON-ROCK EXCAV.	157 x 0.90 =	141	
(4)TOTAL AVAILABLE EXCAVATION			141
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION			2,278
<b>COMMON BORROW</b>			2,278

CIDER HILL RD SOUTHBOUND EVR EARTHWORK SUMMARY

<b>COMMON EXCAVATION FOR ESTIMATE</b>			
COMMON EXCAVATION (FROM CROSS SECTIONS)		126	
GRUBBING IN FILL		124	
MUCK EXCAVATION		107	
TOTAL COMMON EXCAVATION (for estimate)			357
<b>FILL FOR BORROW CALCULATIONS</b>			
COMMON FILL (FROM CROSS SECTIONS)		328	
GRUBBING IN FILL		124	
MUCK EXCAVATION		107	
TOTAL FILL			559
<b>AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS</b>			
(1) TOTAL COMMON EXCAVATION			357
DEDUCTIONS:			
GRUBBING IN CUT		5	
GRUBBING IN FILL		124	
MUCK EXCAVATION		107	
(2) TOTAL DEDUCTIONS			236
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)			121
TOTAL AVAILABLE NON-ROCK EXCAVATION			121
<b>COMPUTATION OF GRANULAR BORROW FOR ESTIMATE</b>			
GRANULAR BORROW TO REPLACE MUCK		107	
GRANULAR BORROW =	107 x 1.00 =	107	
<b>COMPUTATION FOR COMMON BORROW FOR ESTIMATE</b>			
(3)TOTAL FILL			559
TOTAL AVAIL. NON-ROCK EXCAV.	121 x 0.90 =	109	
(4)TOTAL AVAILABLE EXCAVATION			109
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION			450
GRANULAR BORROW TO REPLACE MUCK		107	
<b>COMMON BORROW</b>			343

MOUNTAIN RD SOUTHBOUND EVR EARTHWORK SUMMARY

<b>COMMON EXCAVATION FOR ESTIMATE</b>			
COMMON EXCAVATION (FROM CROSS SECTIONS)		152	
GRUBBING IN FILL		100	
TOTAL COMMON EXCAVATION (for estimate)			252
<b>FILL FOR BORROW CALCULATIONS</b>			
COMMON FILL (FROM CROSS SECTIONS)		144	
GRUBBING IN FILL		100	
TOTAL FILL			244
<b>AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS</b>			
(1) TOTAL COMMON EXCAVATION			252
DEDUCTIONS:			
GRUBBING IN CUT		11	
GRUBBING IN FILL		100	
(2) TOTAL DEDUCTIONS			111
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)			141
TOTAL AVAILABLE NON-ROCK EXCAVATION			141
<b>COMPUTATION FOR COMMON BORROW FOR ESTIMATE</b>			
(3)TOTAL FILL			244
TOTAL AVAIL. NON-ROCK EXCAV.	141 x 0.90 =	127	
(4)TOTAL AVAILABLE EXCAVATION			127
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION			117
<b>COMMON BORROW</b>			117


BURNT MILL RD SOUTHBOUND EVR EARTHWORK SUMMARY

<b>COMMON EXCAVATION FOR ESTIMATE</b>			
COMMON EXCAVATION (FROM CROSS SECTIONS)		48	
GRUBBING IN FILL		280	
TOTAL COMMON EXCAVATION (for estimate)			328
<b>FILL FOR BORROW CALCULATIONS</b>			
COMMON FILL (FROM CROSS SECTIONS)		754	
GRUBBING IN FILL		280	
TOTAL FILL			1,034
<b>AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS</b>			
(1) TOTAL COMMON EXCAVATION			328
DEDUCTIONS:			
GRUBBING IN CUT		2	
GRUBBING IN FILL		280	
(2) TOTAL DEDUCTIONS			282
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)			46
TOTAL AVAILABLE NON-ROCK EXCAVATION			46
<b>COMPUTATION FOR COMMON BORROW FOR ESTIMATE</b>			
(3)TOTAL FILL			1,034
TOTAL AVAIL. NON-ROCK EXCAV.	46 x 0.90 =	41	
(4)TOTAL AVAILABLE EXCAVATION			41
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION			993
<b>COMMON BORROW</b>			993


Date: 3/26/2020

Filename: ...003\_Earthworks.dgn

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Designed by:					
					
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
	AGC	2/2020	Checked	ECF	2/2020
	Drawn	BMD	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

**EMERGENCY VEHICLE RAMPS  
ALL LOCATIONS  
EARTHWORK SUMMARY**

VHB: 55281.00 SHEET NUMBER: 3  
 CONTRACT: 2020.06 3 OF 49

Date: 3/26/2020

Filename: ...004\_gen\_notes\_01.dgn

GENERAL CONSTRUCTION

1. ALL DETAILS SHALL BE IN CONFORMANCE WITH MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) 2014 STANDARD DETAILS FOR HIGHWAYS AND BRIDGES WITH ALL UPDATES, AND MAINEDOT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL LATEST REVISION UNLESS OTHERWISE NOTED IN THESE PLANS.
2. DURING CONSTRUCTION, TRAFFIC WILL BE MAINTAINED AS SHOWN IN THE PLANS AND AS REQUIRED IN THE SPECIAL PROVISIONS.
3. ALL EXISTING DELINEATOR AND MILE MARKER POSTS WITHIN LIMITS OF DISTURBANCE SHALL BE REMOVED AND RESET UPON COMPLETION OF THE CONTRACT. PAYMENT WILL BE MADE UNDER ITEM 606.356I.
4. EXISTING ROW FENCE WITHIN THE LIMITS OF WORK, AS SHOWN ON THE PLANS OR AS DIRECTED BY THE RESIDENT, SHALL BE REMOVED AND DISPOSED. THIS WORK SHALL BE INCIDENTAL TO THE PROPOSED FENCE ITEMS. PROPOSED CHAIN LINK FENCE AND PIPE ENTRY GATE SHALL BE INSTALLED CONTINUOUSLY WITH NO GAPS. IF REQUIRED, CONNECTION FOR PROPOSED FENCE TO EXISTING FENCE SHALL BE INCIDENTAL TO THE CONTRACT.
5. THE PROPOSED ELEVATIONS ARE BASED ON THE NAVD 88 DATUM.
6. THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID IMPACTS BEYOND WHAT IS SHOWN IN THESE PLANS TO DELINEATED WETLAND AREAS.

EARTHWORK

1. THE CLEARING LIMITS SHALL BE 10' BEYOND AND PARALLEL TO CONSTRUCTION SLOPE LINES OR AS SHOWN ON THE PLANS. THE ACTUAL CLEARING LINES SHALL BE ESTABLISHED IN THE FIELD BY THE CONTRACTOR AND SHALL BE APPROVED BY THE RESIDENT PRIOR TO ANY CLEARING TAKING PLACE. ALL CLEARING SHALL BE DONE WITHIN THE ROW. NO CLEARING SHALL TAKE PLACE IN JUNE OR JULY.
2. THE NORMAL GRUBBING WIDTH IN THE FILLS SHALL BE VARIABLE LEFT OR RIGHT, WHEN SUBGRADE IS LESS THAN 5' ABOVE OLD GROUND, THE GRUBBING DEPTH HAS BEEN ESTIMATED AS 12".
3. MUCK EXCAVATION HAS BEEN ESTIMATED IN ALL WETLAND AREAS AT A 2' DEPTH. THE CONTRACTOR SHALL CONFIRM WITH THE RESIDENT THE ACTUAL LIMITS AND DEPTH BEFORE PLACING ANY AGGREGATE.
4. WASTE MATERIALS SHALL BE DISPOSED OFF THE PROJECT SITE, IN ACCORDANCE WITH CHAPTER 404, DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT RULES.
5. EXCAVATIONS ACCOMPLISHED AS PART OF THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH OSHA SUBPART P OF 29 CFR PART 1926.650-652 (CONSTRUCTION STANDARDS FOR EXCAVATION).
6. THE CONTRACTOR SHALL MINIMIZE SLOPE DISTURBANCES WHERE POSSIBLE, AS DIRECTED BY THE RESIDENT.
7. GRANULAR BORROW USED TO BACKFILL MUCK EXCAVATION, IN LOW WET AREAS 1' ABOVE WATER LEVEL, OR OLD GROUND SHALL MEET REQUIREMENTS FOR GRANULAR BORROW MATERIAL FOR UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19.

GUARDRAIL

1. COMPOSITE OFFSET BLOCKS SHALL BE USED WITH GUARDRAIL.
2. AT THE END OF EACH WORK DAY, ALL GUARDRAIL WITHIN WORK AREAS ACCESSIBLE TO TRAFFIC SHALL HAVE AN APPROVED CRASHWORTHY END TREATMENT.
3. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL SHALL BE INCIDENTAL TO THE PROPOSED GUARDRAIL ITEMS.
4. CONTRACTOR SHALL STOCKPILE ALL GUARDRAIL TO BE REMOVED AND RESET, AND REMOVED AND DISPOSED UNTIL GUARDRAIL INSTALLATION HAS BEEN COMPLETED.
5. POST HOLES FROM GUARDRAIL REMOVED OR RESET SHALL BE FILLED AND COMPACTED WITH GRANULAR BORROW AND PAVEMENT TO MATCH SURROUNDING PAVEMENT THICKNESS.

DRAINAGE

1. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
2. INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
3. ALL DITCH ELEVATIONS AND OFFSETS SHOWN ON THE CROSS SECTIONS ARE FOR THE FINISHED DITCH FLOW LINE.
4. IF FOUNDATION MATERIAL IS REQUIRED UNDER CULVERTS, IT SHALL MEET THE REQUIREMENTS FOR GRANULAR BORROW - UNDERWATER BACKFILL AS SPECIFIED IN STANDARD SPECIFICATION 703.19 AND BE PAID FOR AS 203.25 GRANULAR BORROW.

EROSION CONTROL


1. THE ANTICIPATED EROSION CONTROL DEVICES ARE SHOWN ON THE PLANS. THE CONTRACTOR SHALL PROPOSE ACTUAL TYPE AND LOCATION OF DEVICES FOR APPROVAL BY THE RESIDENT. ADDITIONAL DEVICES MAY BE PROPOSED BY THE CONTRACTOR TO IMPLEMENT ADDITIONAL MEASURES. ANY ADDITIONAL MEASURES APPROVED BY THE RESIDENT WILL BE MEASURED FOR PAYMENT.
2. 4" LOAM HAS BEEN ESTIMATED FOR 100% OF THE DISTURBED AREA UNLESS OTHERWISE SPECIFIED ON THE PLANS. ACTUAL PLACEMENT OF THE LOAM SHALL BE AS DESIGNATED BY THE RESIDENT.
3. ALL SLOPES SHALL BE SEEDED WITH SEEDING METHOD #2.
4. TEMPORARY SEED SHALL BE APPLIED TO ALL DISTURBED AREAS THAT WILL NOT BE COMPLETED WITHIN 30 DAYS.
5. ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION BEST MANAGEMENT PRACTICES.
6. TEMPORARY STONE CHECK DAMS SHALL BE INSTALLED IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION BEST MANAGEMENT PRACTICES. STONE CHECK DAMS SHALL BE SPACED APPROXIMATELY 100 FEET FOR DITCH GRADES LESS THAN 3% AND SPACED APPROXIMATELY 50 FEET FOR DITCH GRADES STEEPER THAN 5%. SEE MAINEDOT BEST MANAGEMENT PRACTICES FOR FURTHER DETAILS.
7. EROSION CONTROL BLANKET, ITEM 613.319 SHALL BE INSTALLED ON 2:1 SLOPES FROM THE TOP TO TOE OF SLOPE. LOAM AND SEED SHALL BE PLACED PRIOR TO THE INSTALLATION OF THE EROSION CONTROL BLANKET. LIMITS OF THE EROSION CONTROL BLANKET IN DITCHES SHALL BE 6' WIDE OR AS DESIGNATED BY THE RESIDENT.

UTILITY

1. EXISTING UTILITIES ON THESE PLANS WERE COMPILED FROM FIELD SURVEY AND VARIOUS OTHER SOURCES. LOCATIONS ARE NOT GUARANTEED TO BE ACCURATE NOR IS IT GUARANTEED THAT ALL UTILITIES ARE SHOWN. NO SEPARATE OR ADDITIONAL COMPENSATION WILL BE ALLOWED TO THE CONTRACTOR DUE TO ANY VARIANCE BETWEEN THE DATA SHOWN ON THE PLANS AND THE ACTUAL FIELD CONDITIONS ENCOUNTERED. NO WORK SHALL BE STARTED UNTIL THE OWNERS OF THE VARIOUS UTILITIES ARE NOTIFIED BY THE CONTRACTOR OF THE PROPOSED CONSTRUCTION. THE CONTRACTOR SHALL CONTACT DIG SAFE (1-888-DIG-SAFE OR 811) PRIOR TO STARTING WORK. IN ADDITION, DIG SMART OF MAINE SHALL BE CONTACTED PRIOR TO STARTING ANY WORK WITHIN MTA RIGHT-OF-WAY. CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COSTS. PROOF OF UTILITY LOCATION FROM BOTH DIG SAFE AND DIG SMART (WHEN APPLICABLE) SHALL BE SUBMITTED PRIOR TO THE COMMENCEMENT OF ANY WORK.
2. ALL UTILITY FACILITIES SHALL BE ADJUSTED BY THE RESPECTIVE UTILITIES UNLESS NOTED.
3. THE UTILITIES INVOLVED IN THIS CONTRACT ARE:  
CENTRAL MAINE POWER (CMP)  
CONSOLIDATED COMMUNICATIONS  
YORK WATER DISTRICT
4. GRADING AROUND UTILITY POLES AND GUY WIRES, EXISTING OR PROPOSED, SHALL BE DONE BY HAND.

Scale:			
No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date		By	Date
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Drawn	BMD	2/2020	In Charge of	AG	2/2020

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MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

EMERGENCY VEHICLE RAMPS  
ALL LOCATIONS  
GENERAL NOTES

VHB: 55281.00 SHEET NUMBER: 4  
CONTRACT: 2020.06 4 OF 49

Date: 3/26/2020

ITEM 603.155 - 12" RCP CLASS III

LOCATION	QUANTITY (LF)
CIDER HILL RD SB EVR 60-20.60	48

ITEM 603.175 - 18" RCP CLASS III

LOCATION	QUANTITY (LF)
CIDER HILL RD NB EVR 50-42 TO 50-50, RT 52-90	8 60

ITEM 603.179 - 18" CULVERT PIPE OPTION III  
HDPE ONLY

LOCATION	QUANTITY (LF)
BURNT MILL RD NB EVR 10-50 14-76.70	64 48
BURNT MILL RD SB EVR 22-86	36
CIDER HILL RD NB EVR 50-50	24
MOUNTAIN RD NB EVR 70-90	44
MOUNTAIN RD SB EVR 80-29.50	44

ITEM 603.209 - 30" CULVERT PIPE OPT III

LOCATION	QUANTITY (LF)
CIDER HILL RD SB EVR 61-50	44

ITEM 604.09 - CATCH BASIN TYPE BI

STATION	OFFSET	QUANTITY (EA)
CIDER HILL RD NB EVR 50-50 (MH-1)	28.2' RT	1.5

ITEM 606.242 - GUARDRAIL TYPE 3D - OVER 15' RADIUS

STATION TO STATION	OFFSET	RADIUS	QUANTITY (LF)
BURNT MILL RD NB EVR 10-12 TO 10-15	RT	30'	12.5
10-12 TO 10-21	LT	60'	50
14-90 TO 15-08	RT	59'	50
CIDER HILL RD NB EVR 50-20.23 TO 50-26	LT	30'	12.5
50-20.23 TO 50-30	RT	30'	25

ITEM 606.265 - TERMINAL END - SINGLE RAIL  
GALVANIZED STEEL

STATION	OFFSET	QUANTITY (EA)
BURNT MILL RD NB EVR 10-21.50	RT	1
10-31.50	LT	1
14-79	RT	1
CIDER HILL RD NB EVR 50-36	LT	1
50-40.75	RT	1

ITEM 606.278 - TERMINAL END - ANCHORED END

STATION TO STATION	OFFSET	RADIUS	QUANTITY (EA)
BURNT MILL RD NB EVR 10-15 TO 10-21.50	RT	30'	1
10-21 TO 10-31.50	LT	30'	1
14-79 TO 14-89.50	RT	59'	1
CIDER HILL RD NB EVR 50-26 TO 50-36	LT	30'	1
50-30 TO 50-40.75	RT	30'	1

ITEM 606.369 - GUARDRAIL REMOVE AND STACK

STATION	QUANTITY (LF)
BURNT MILL RD NB EVR 10-11 15-04	87.5 50
CIDER HILL RD NB EVR 50-20	75

ITEM 607.17 - CHAIN LINK FENCE - 6 FOOT

STATION TO STATION	OFFSET	QUANTITY (LF)
BURNT MILL RD NB EVR 13-97	LT	20
13-97 TO 14-15	RT	20
BURNT MILL RD SB EVR 22-00 TO 22-15	LT	20
22-15 TO 22-40	RT	40
CIDER HILL RD NB EVR 50-85 TO 51-40	RT	80
51-40 TO 51-80	LT	60
CIDER HILL RD SB EVR 60-80 TO 60-89	LT	20
60-87 TO 60-89	RT	20
MOUNTAIN RD NB EVR 70-27	LT	30
70-27	RT	40
MOUNTAIN RD SB EVR 80-43	LT	36
80-43	RT	37

ITEM 607.2325 - PIPE ENTRY GATE

STATION	QUANTITY (EA)
BURNT MILL RD NB EVR 13-97	1
BURNT MILL RD SB EVR 22-15	1
CIDER HILL RD NB EVR 51-40	1
CIDER HILL RD SB EVR 60-89	1
MOUNTAIN RD NB EVR 70-27	1
MOUNTAIN RD SB EVR 80-43	1

ITEM 610.08 - PLAIN RIPRAP

STATION	OFFSET	QUANTITY (CY)
BURNT MILL RD NB EVR 10-50	LT	1.5
10-50	RT	1.6
14-69.61	LT	1.5
14-80.85	RT	1.6
BURNT MILL RD SB EVR 22-86	LT	1.4
22-86	RT	1.4
CIDER HILL RD NB EVR 50-50	RT	1.5
52-90	LT	1.3
52-90	RT	1.3
CIDER HILL RD SB EVR 60-19.33	LT	1.3
60-24.31	RT	1.3
61-50	LT	2.2
61-50	RT	2.2
MOUNTAIN RD NB EVR 70-90	LT	1.5
70-90	RT	1.5
MOUNTAIN RD SB EVR 80-29.50	LT	1.4
80-29.50	RT	1.4

ITEM 613.319 - EROSION CONTROL BLANKET

STATION TO STATION	OFFSET	QUANTITY (SY)
BURNT MILL RD NB EVR 10-30 TO 10-70	RT	15
BURNT MILL RD SB EVR 22-05 TO 22-85	RT	45
CIDER HILL RD NB EVR 51-08 TO 52-88	LT	140
52-22 TO 52-86	RT	25

ITEM 620.58 - EROSION CONTROL GEOTEXTILE

STATION	OFFSET	QUANTITY (SY)
BURNT MILL RD NB EVR 10-50	LT	6.9
10-50	RT	6.6
14-69.61	LT	6.8
14-80.85	RT	6.6
BURNT MILL RD SB EVR 22-86	LT	6.4
22-86	RT	6.4
CIDER HILL RD NB EVR 50-50	RT	6.5
52-90	LT	5.8
52-90	RT	5.8
52-00 TO 52-90	LT	60.0
CIDER HILL RD SB EVR 60-19.33	LT	5.9
60-24.31	RT	5.8
61-50	LT	8.9
61-50	RT	8.9
MOUNTAIN RD NB EVR 70-90	LT	6.6
70-90	RT	6.6
MOUNTAIN RD SB EVR 80-29.50	LT	6.4
80-29.50	RT	6.3

ITEM 656.632 - 30" TEMPORARY SILT FENCE

STATION TO STATION	OFFSET	QUANTITY (LF)
BURNT MILL RD NB EVR 10-14 TO 15-08	LT	578
11-09 TO 14-64	RT	373
14-76 TO 15-08	RT	57
BURNT MILL RD SB EVR 20-15 TO 22-05	RT	151
20-15 TO 23-12	LT	333
22-90 TO 23-12	RT	29
CIDER HILL RD NB EVR 50-20 TO 51-15	LT	54
50-20 TO 52-21	RT	294
52-92 TO 53-08	LT	35
52-95 TO 53-08	RT	34
CIDER HILL RD SB EVR 60-10 TO 61-79	LT	185
60-10 TO 61-79	RT	206
MOUNTAIN RD NB EVR 70-00 TO 71-42	LT	163
70-00 TO 71-42	RT	172
MOUNTAIN RD SB EVR 80-11 TO 81-27	LT	126
80-11 TO 81-27	RT	140

ITEM 610.18 - STONE DITCH PROTECTION

STATION	OFFSET	QUANTITY (CY)
CIDER HILL RD NB EVR 52-00 TO 52-90	LT	14


ITEM 610.181 - TEMPORARY STONE CHECK DAM

STATION	OFFSET	QUANTITY (CY)
CIDER HILL RD NB EVR 52-00 TO 52-90	LT	4.0

Filename: ... \005\_Const\_notes\_01.dgn

Scale:			
No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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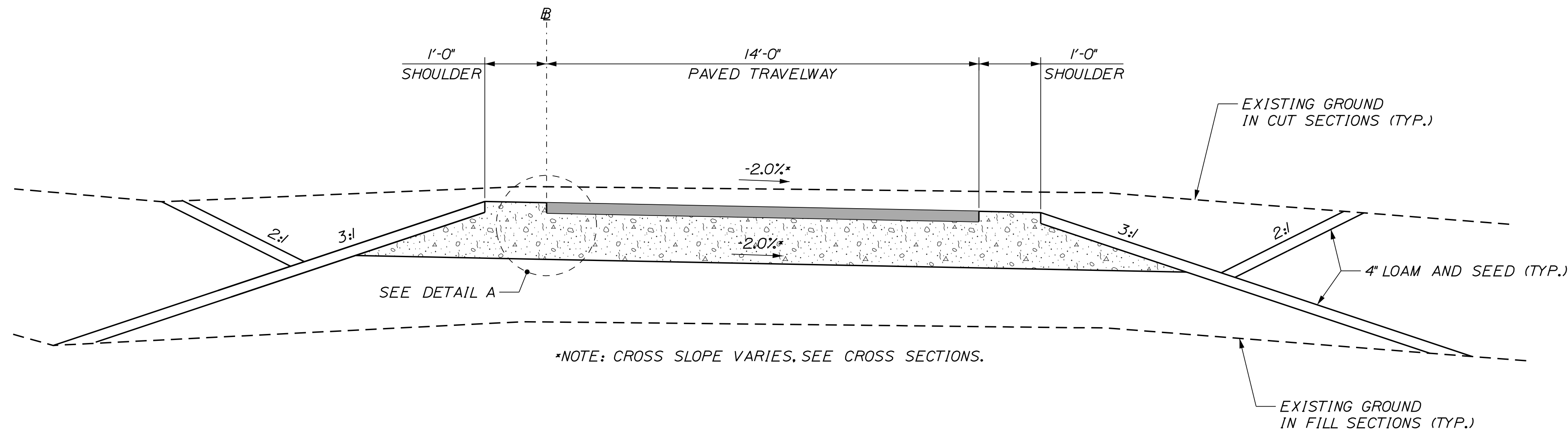
**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

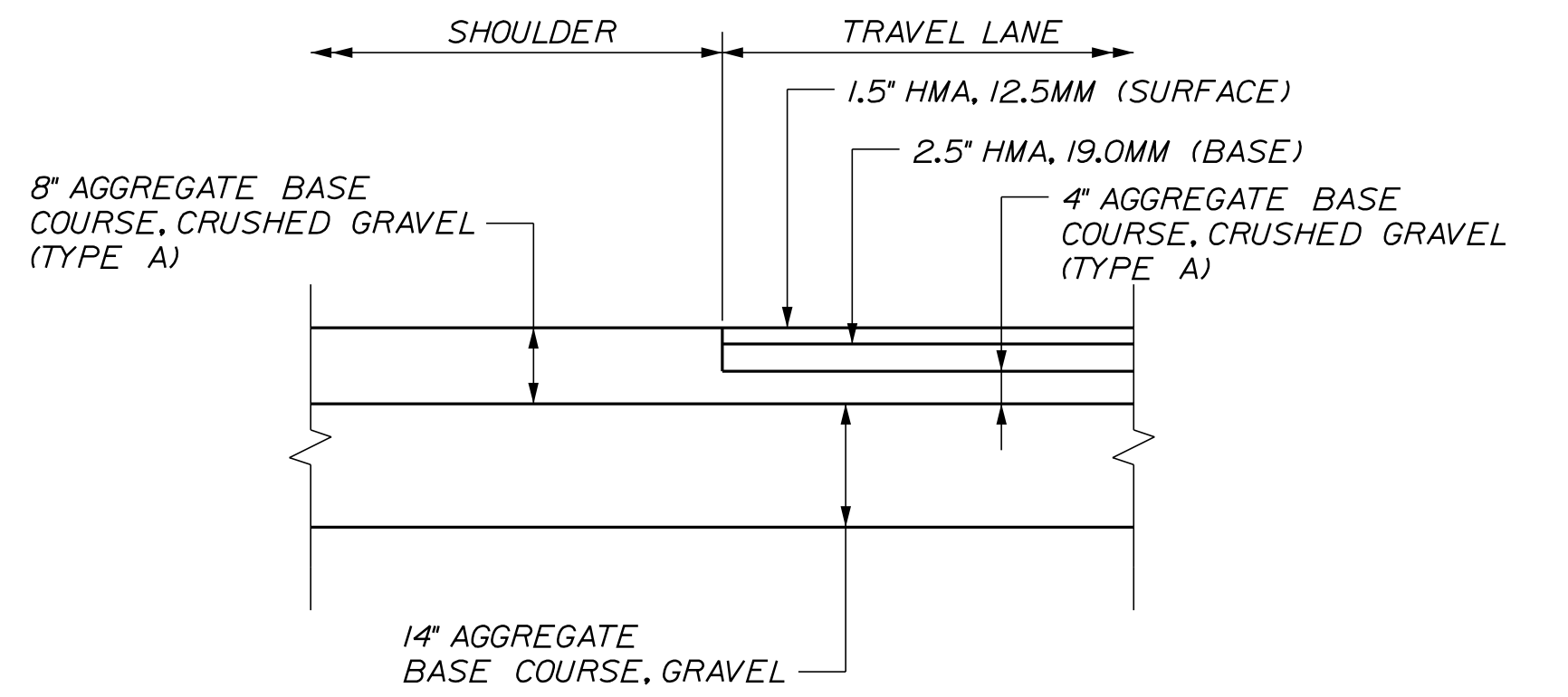
EMERGENCY VEHICLE RAMPS  
ALL LOCATIONS  
CONSTRUCTION NOTES

VHB: 55281.00 SHEET NUMBER: 5  
CONTRACT: 2020.06 5 OF 49

Date: 3/26/2020



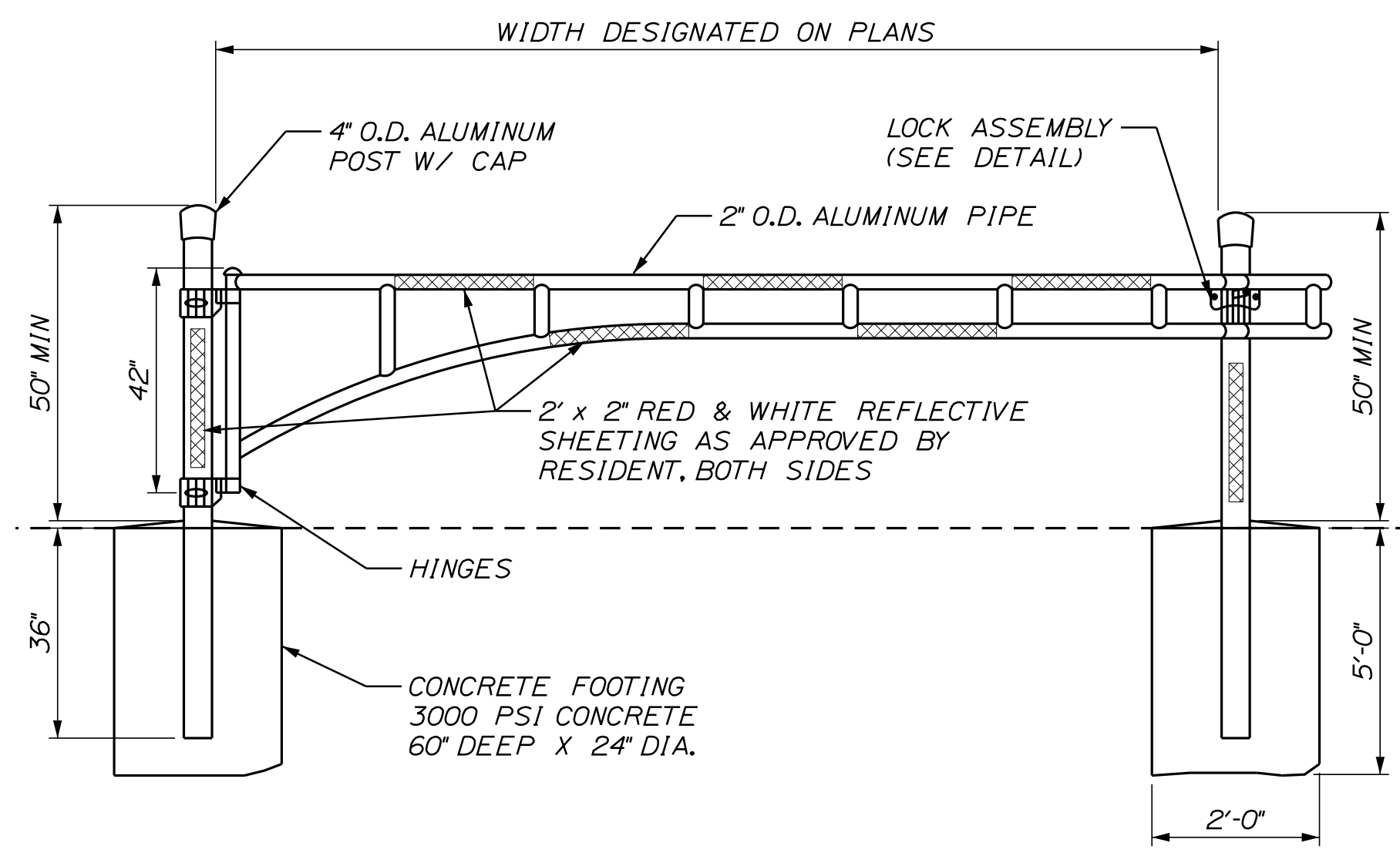
EMERGENCY VEHICLE RAMP SECTION



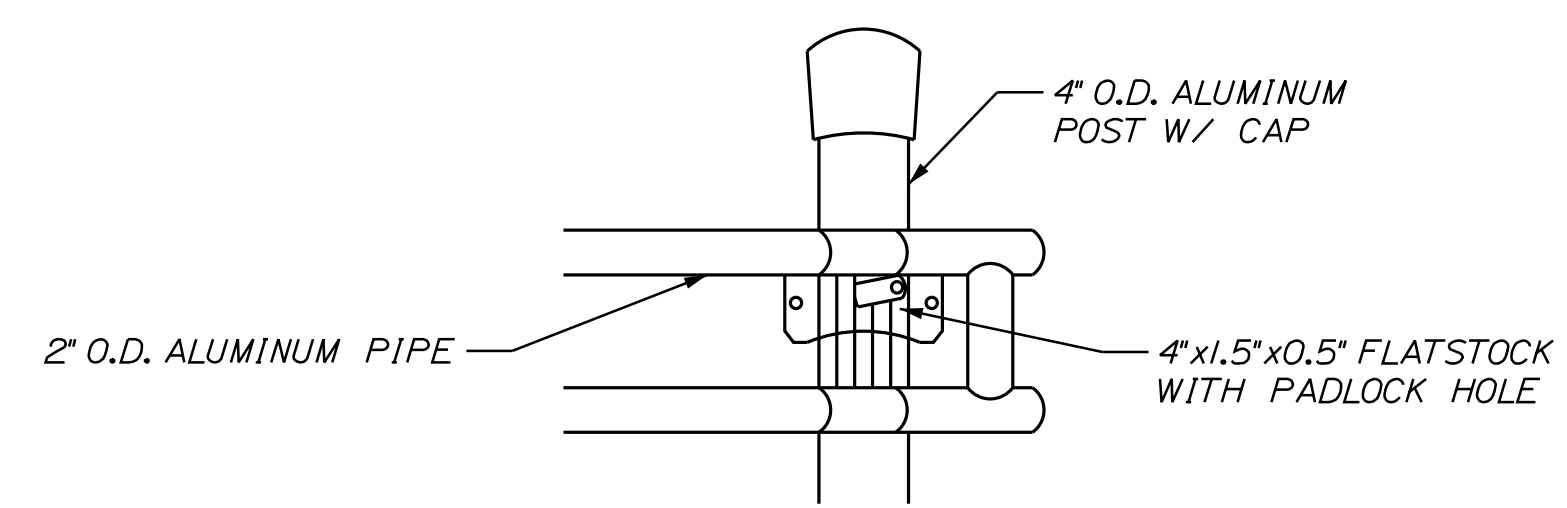
DETAIL A  
NOT TO SCALE

TYPICAL EMERGENCY VEHICLE RAMP SECTION NOTES

1. THE PAVEMENT, BASE, AND SUBBASE DEPTHS AS SHOWN ON PLANS ARE INTENDED TO BE NOMINAL.
2. ALL NECESSARY PAVEMENT CUTTING SHALL BE SAWCUT AND DONE IN SUCH A MANNER AS TO LEAVE A CLEAN VERTICAL FACE.
3. BITUMINOUS TACK COAT IS REQUIRED BETWEEN ALL LIFTS OF PAVEMENT, OR AS DIRECTED BY THE RESIDENT. BITUMINOUS TACK COAT IS REQUIRED ON ALL EXISTING PAVED OR MILLED SURFACES PRIOR TO PLACING PROPOSED PAVEMENT.
4. A COATING OF HOT RUBBERIZED ASPHALT SHALL BE APPLIED TO THE SURFACE LAYER OF ALL SAWCUT AND PAVEMENT JOINTS PRIOR TO PAVING.



PIPE ENTRY GATE  
NOT TO SCALE



LOCK ASSEMBLY  
NOT TO SCALE

SIGN SUMMARY				
Sign	Text Dimensions (Inches)		Size	Quantity and Color
	Letter Height	Vertical Spacing		
R1-1		Text Dimensions Shall Conform to "Standard Highway Signs" - 2012	36"x36"	12 - WHITE ON RED
R5-11			30"x24"	14 - BLACK ON WHITE
R6-1R			36"x12"	6 - BLACK ON WHITE

Filename: ... \006\_Road\_Typ\_01.dgn

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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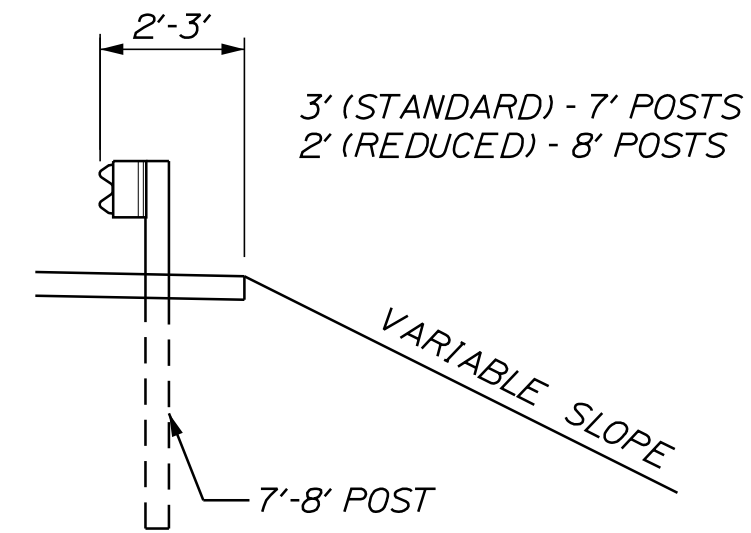
THE GOLD STAR  
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ralph Norwood, IV

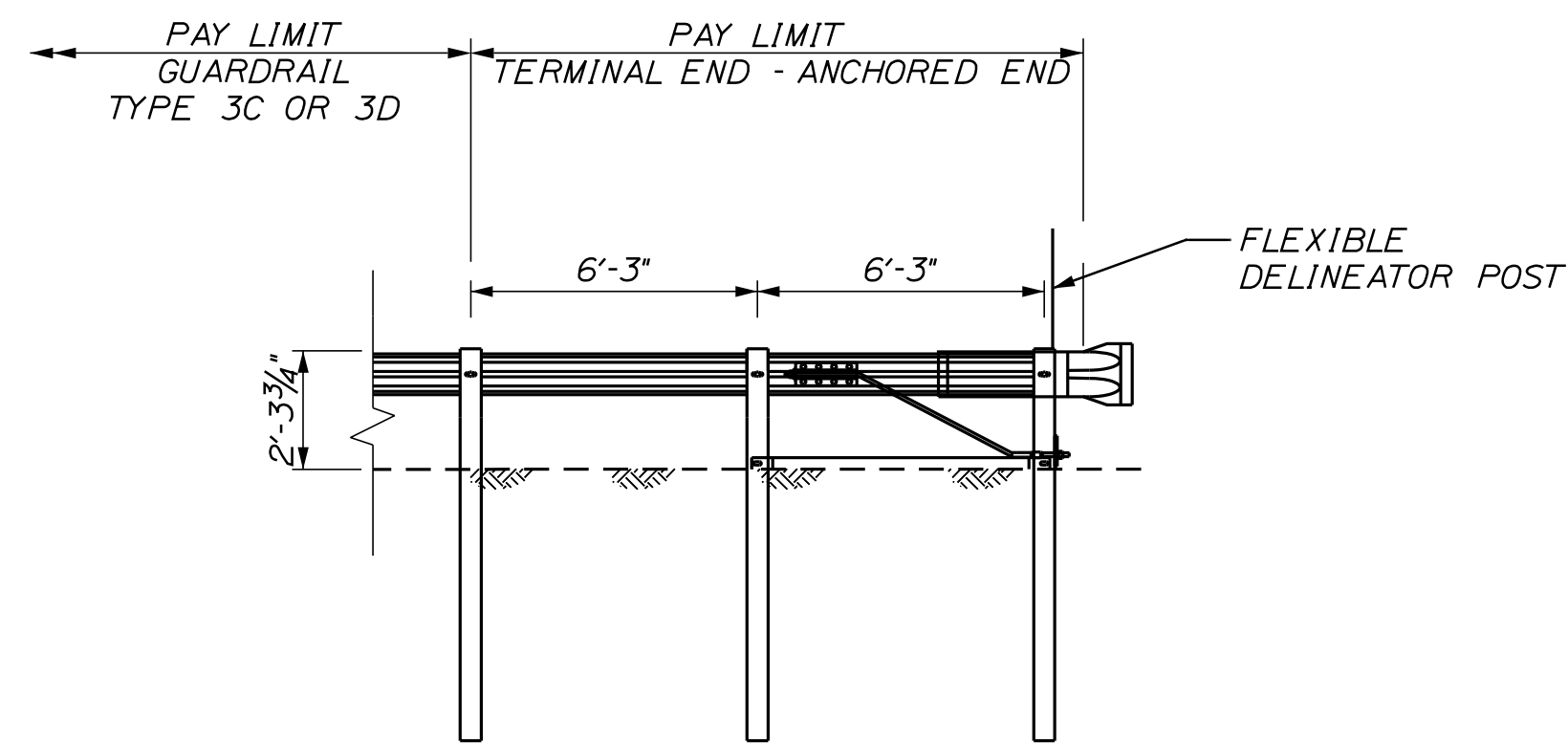
EMERGENCY VEHICLE RAMPS  
ALL LOCATIONS  
TYPICAL ROADWAY SECTIONS  
DETAILS & SIGN SUMMARY

VHB: 55281.00 SHEET NUMBER: 6  
CONTRACT: 2020.06 6 OF 49

Date: 3/27/2020



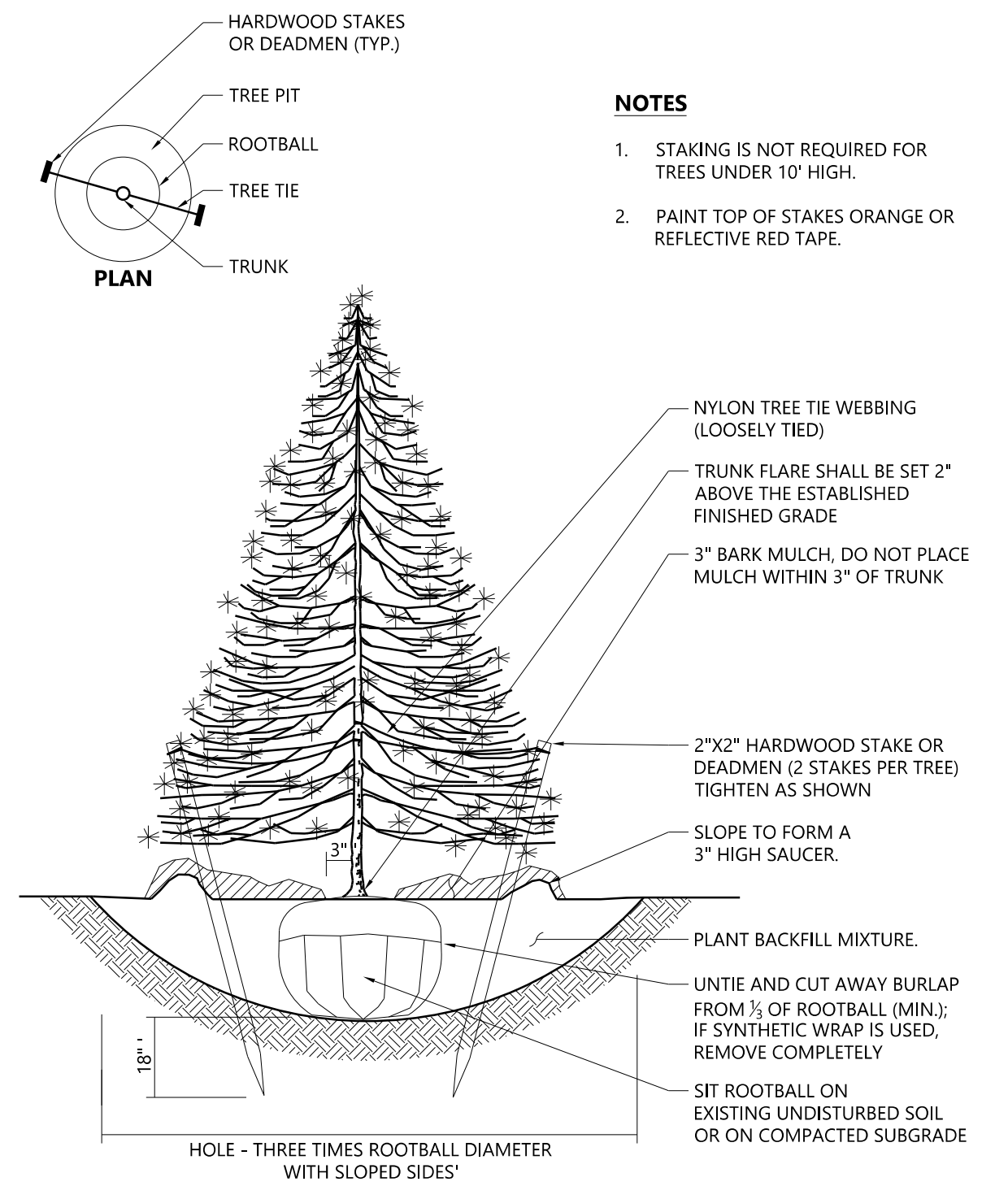
CROSS SECTION



TERMINAL END - ANCHORED END  
(ITEM 606.278)  
NOT TO SCALE

**GENERAL GUARDRAIL INSTALLATION NOTES:**

1. THE CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE INSTALLATION OF ALL GUARDRAIL COMPONENTS TO BE INSTALLED. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY CONFLICTS OR IRREGULARITIES BETWEEN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR IS REQUIRED TO HAVE AN APPROVED CRASH END TREATMENT ON ALL GUARDRAIL ENDS PRIOR TO THE REMOVAL OF ANY MOT FEATURES.
3. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CUT BOLTS, DISCARD PARTS, TRASH, PAVEMENT DEBRIS, ETC., AFTER COMPLETING THE GUARDRAIL INSTALLATION.



**Evergreen Tree Planting**

N.T.S. Source: VHB REV LD\_604 1/16

**Planting Notes**

1. ALL PROPOSED PLANTING LOCATIONS SHALL BE STAKED AS SHOWN ON THE PLANS FOR FIELD REVIEW AND APPROVAL BY THE LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.
2. CONTRACTOR SHALL VERIFY LOCATIONS OF ALL BELOW GRADE AND ABOVE GROUND UTILITIES AND NOTIFY OWNERS REPRESENTATIVE OF CONFLICTS.
3. NO PLANT MATERIALS SHALL BE INSTALLED UNTIL ALL GRADING AND CONSTRUCTION HAS BEEN COMPLETED IN THE IMMEDIATE AREA. CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE OF ANY CONFLICT.
4. A 3-INCH DEEP MULCH PER SPECIFICATION SHALL BE INSTALLED UNDER ALL TREES AND SHRUBS, AND IN ALL PLANTING BEDS, UNLESS OTHERWISE INDICATED ON THE PLANS, OR AS DIRECTED BY OWNER'S REPRESENTATIVE.
5. ALL TREES SHALL BE BALLED AND BURLAPPED, UNLESS OTHERWISE NOTED IN THE DRAWINGS OR SPECIFICATION, OR APPROVED BY THE OWNER'S REPRESENTATIVE.
6. FINAL QUANTITY FOR EACH PLANT TYPE SHALL BE AS GRAPHICALLY SHOWN ON THE PLAN. THIS NUMBER SHALL TAKE PRECEDENCE IN CASE OF ANY DISCREPANCY BETWEEN QUANTITIES SHOWN ON THE PLANT LIST AND ON THE PLAN. THE CONTRACTOR SHALL REPORT ANY DISCREPANCIES BETWEEN THE NUMBER OF PLANTS SHOWN ON THE PLANT LIST AND PLANT LABELS PRIOR TO BIDDING.
7. ANY PROPOSED PLANT SUBSTITUTIONS MUST BE REVIEWED BY LANDSCAPE ARCHITECT AND APPROVED IN WRITING BY THE OWNER'S REPRESENTATIVE.
8. ALL PLANT MATERIALS INSTALLED SHALL MEET THE SPECIFICATIONS OF THE "AMERICAN STANDARDS FOR NURSERY STOCK" BY THE AMERICAN ASSOCIATION OF NURSERYMEN AND CONTRACT DOCUMENTS.
9. THIS PLAN IS INTENDED FOR PLANTING PURPOSES. REFER TO SITE/CIVIL DRAWINGS FOR ALL OTHER CONSTRUCTION INFORMATION.

**Plant Maintenance Notes**

1. CONTRACTOR SHALL PROVIDE COMPLETE MAINTENANCE OF THE LAWN AND PLANTINGS. NO IRRIGATION IS PROPOSED FOR THIS SITE. THE CONTRACTOR SHALL SUPPLY SUPPLEMENTAL WATERING FOR NEW LAWN AND PLANTINGS DURING THE TWO-YEAR WARRANTY PERIOD.
2. CONTRACTOR SHALL PROVIDE ALL MATERIALS, LABOR, AND EQUIPMENT FOR THE COMPLETE LANDSCAPE MAINTENANCE WORK. WATER SHALL BE PROVIDED BY THE CONTRACTOR.
3. WATERING SHALL BE REQUIRED DURING THE GROWING SEASON, WHEN NATURAL RAINFALL IS BELOW ONE INCH PER WEEK.
4. WATER SHALL BE APPLIED IN SUFFICIENT QUANTITY TO THOROUGHLY SATURATE THE SOIL IN THE ROOT ZONE OF EACH PLANT.
5. CONTRACTOR SHALL REPLACE DEAD OR DYING PLANTS AT THE END OF THE TWO-YEAR WARRANTY PERIOD. CONTRACTOR SHALL TURN OVER MAINTENANCE TO THE FACILITY MAINTENANCE STAFF AT THAT TIME.

Filename: ...\\007\_Devoils\_Guardrail.dgn

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by:					
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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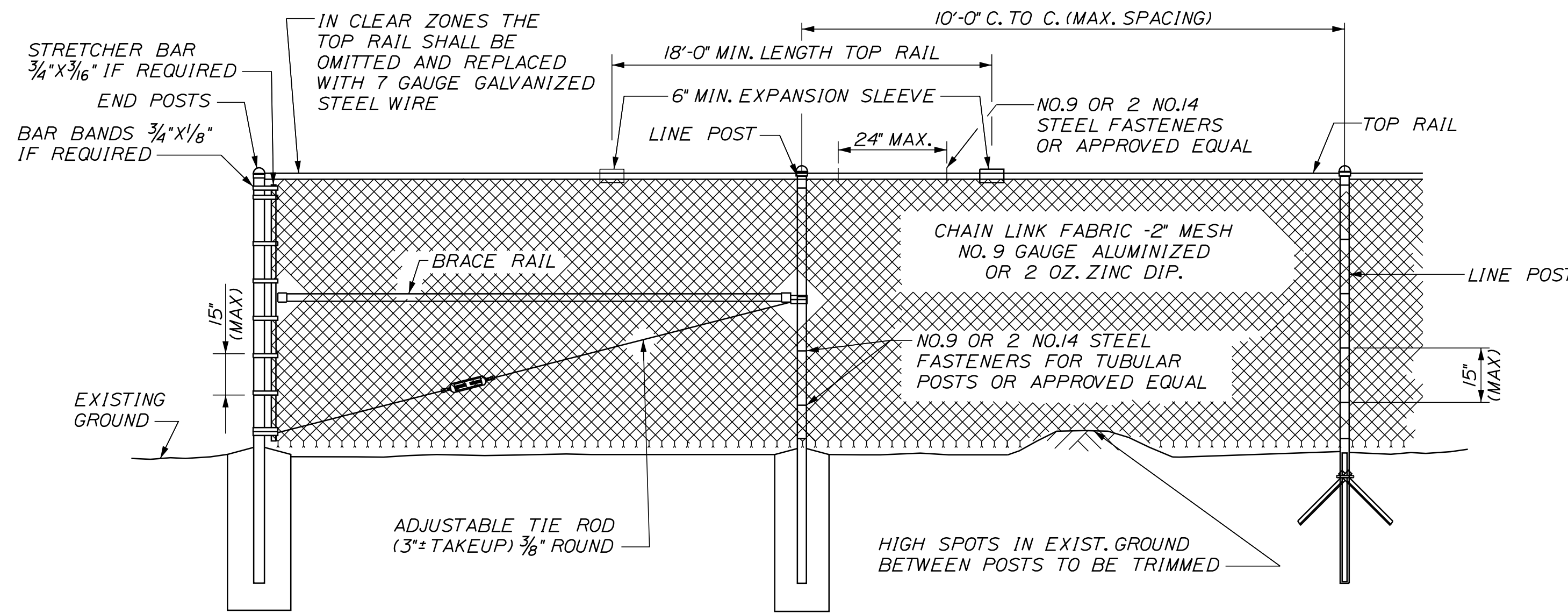
**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

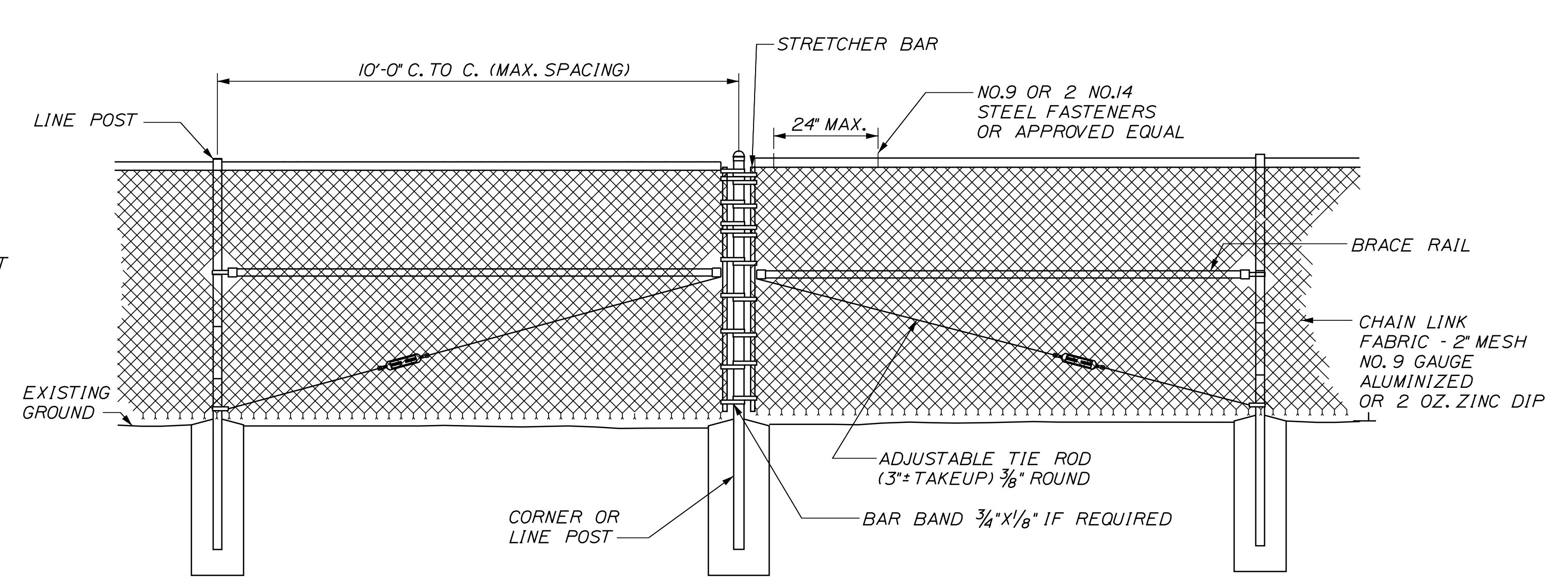
**EMERGENCY VEHICLE RAMPS  
ALL LOCATIONS  
GUARDRAIL AND PLANTING DETAILS**

VHB: 55281.00 SHEET NUMBER: 7  
CONTRACT: 2020.06 7 OF 49

Date: 3/26/2020

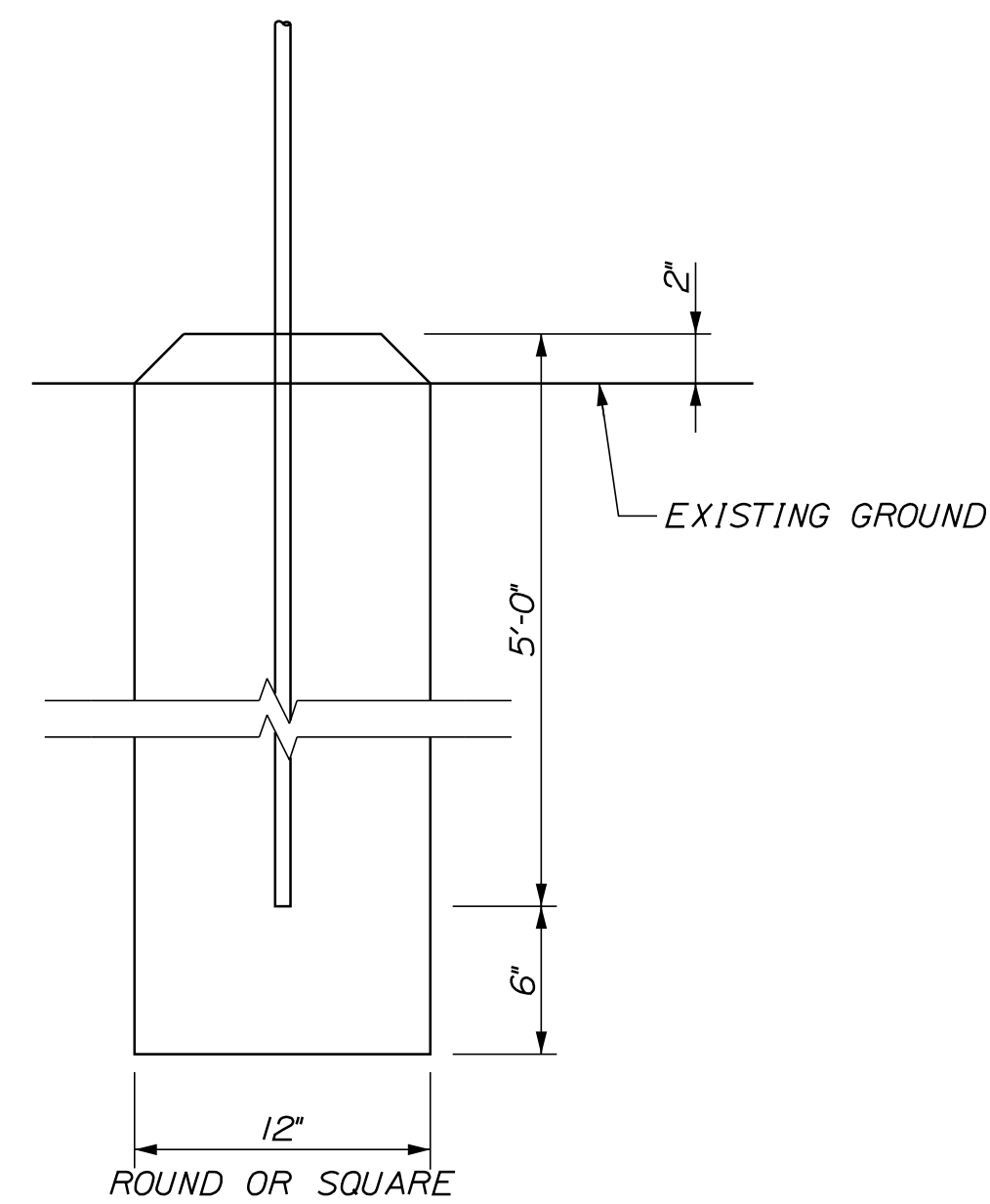


**TYPICAL TYPE I END PANEL**  
N.T.S.

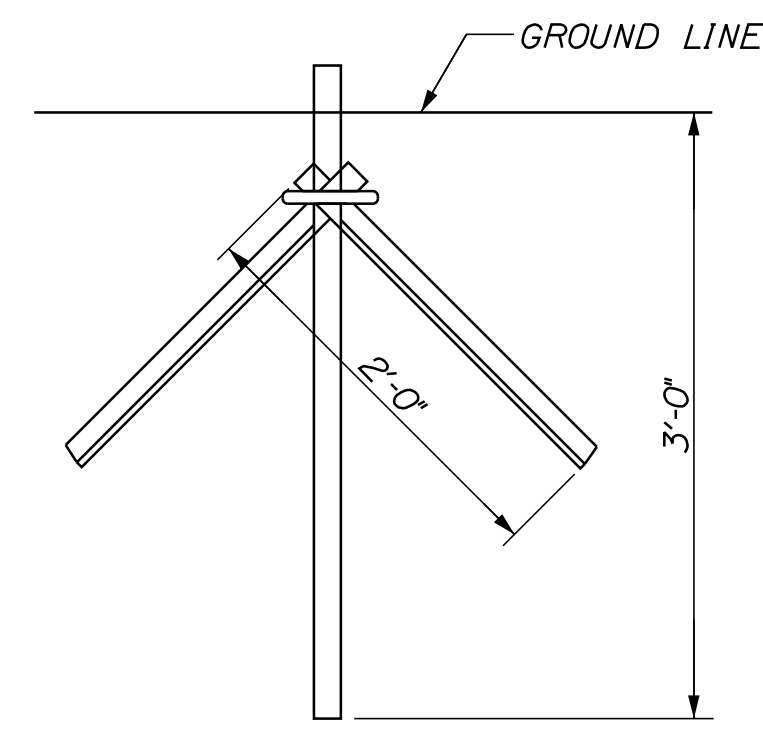


**TYPICAL TYPE II BRACE PANEL**  
N.T.S.

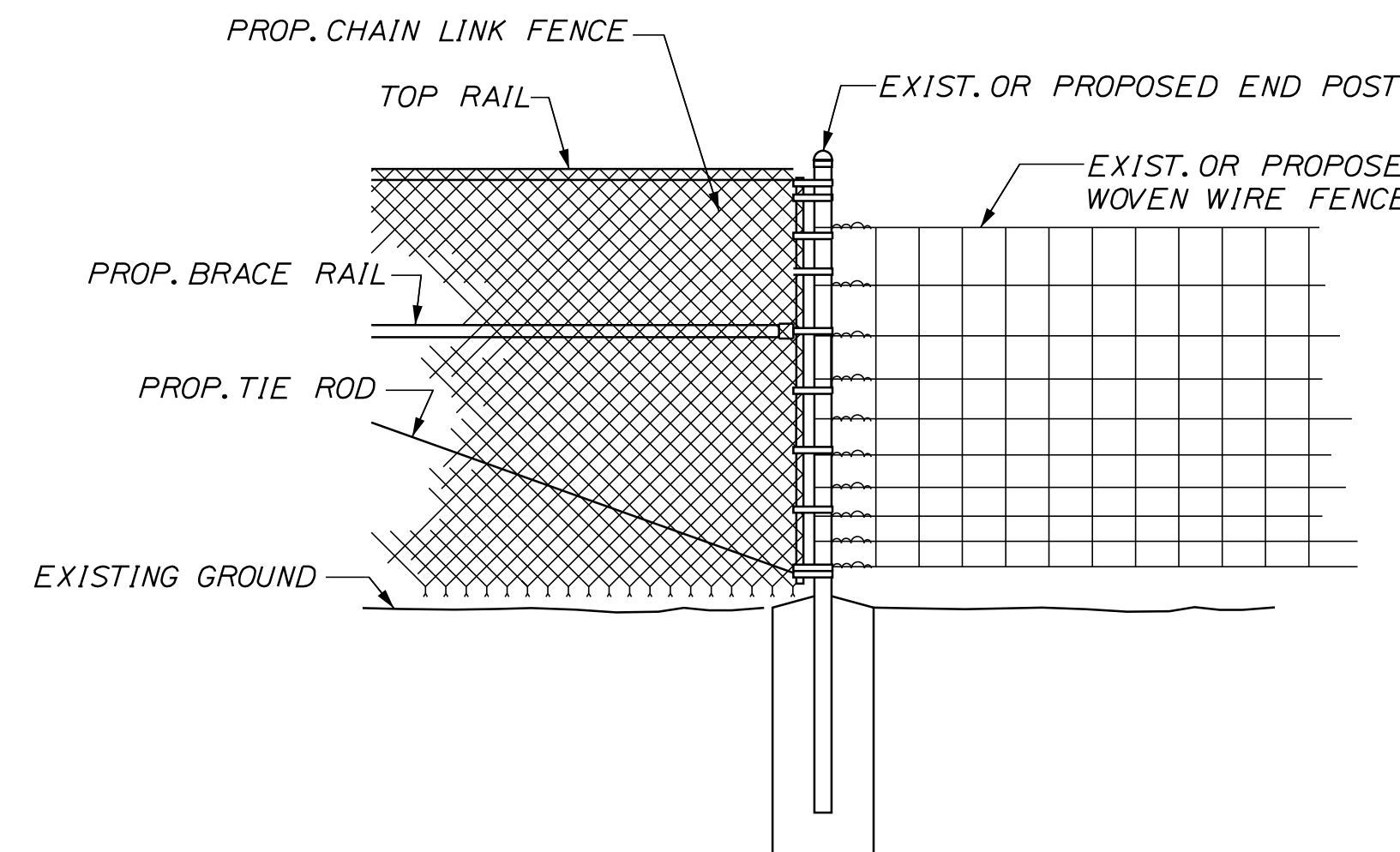
**TYPICAL INTERMEDIATE PANEL**  
N.T.S.



**BRACE, GATE AND END POST BASE DETAIL**  
N.T.S.



**LINE POST DRIVE ANCHOR DETAIL**  
N.T.S.



**METHOD OF ATTACHING CHAIN LINK FENCE TO WOVEN WIRE FENCE**  
N.T.S.

BENDING MOMENTS BASED ON GRADE 1 (SCHEDULE 40 STEEL)

CHAIN LINK FENCE	SHAPE	NOMINAL SIZE (INCHES)	BENDING MOMENT* (LBS.-IN.)
END & CORNER POSTS	φ	2 I.D.	14,025
LINE POSTS	φ	1-1/2 I.D.	8,150
TOP & BRACE RAILS	φ	1-1/4 I.D.	5,875

\* MATERIAL FOR GRADE 2 END, CORNER & LINE POSTS AND TOP & BRACE RAILS MUST MEET OR EXCEED BENDING MOMENTS FOR GRADE 1 STEEL AS NOTED ABOVE.

**NOTES**


- BRACE PANELS SHALL BE INSTALLED WHERE THE CHANGE IN GRADE BETWEEN ANY THREE POSTS EXCEEDS 15 PERCENT.
- NO ADDITIONAL PAYMENT WILL BE MADE FOR LONGER POSTS NECESSITATED BY LARGE GRADE DIFFERENTIAL.
- TYPE I BRACING WILL BE USED AT FENCE ENDS. TYPE II BRACING WILL BE USED AT CORNER POSTS.
- WHEN LEDGE IS ENCOUNTERED, STEEL POSTS SHALL BE SET AND GROUTED 12" DEEP UNLESS THE POSTS PENETRATE THE GROUND TO THE DEPTH INDICATED ON THE DRAWINGS.
- CONCRETE FOR POST FOUNDATION SHALL BE CLASS B.
- BRACE, GATE AND END POSTS SHALL BE SET IN CONCRETE.
- CHAIN LINK FENCE SHALL BE INSTALLED WITH BARBS DOWN.
- ALL COMPONENTS OF CHAIN LINK FENCE SHALL BE IN ACCORDANCE WITH AASHTO M181.

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No.	Revision	By	Date

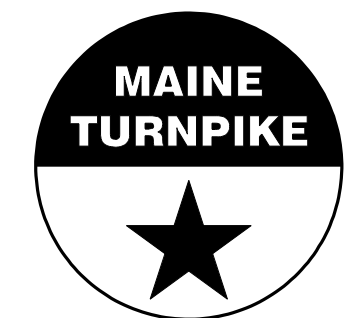
Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

**EMERGENCY VEHICLE RAMPS  
ALL LOCATIONS  
FENCING DETAILS**

VHB: 55281.00  
CONTRACT: 2020.06

SHEET NUMBER: 8  
8 OF 49



**MAINTENANCE OF TRAFFIC GENERAL NOTES**

- All traffic control equipment and devices shall conform to the latest edition of the Maine Department of Transportation (MaineDOT) Standard Specifications, Maine Turnpike Authority (MTA) Supplemental Specifications, contract specifications and applicable traffic control standards and practices.
- All traffic control equipment and layouts shall conform to the 2009 edition of the Federal Highway Administration (FHWA) Manual on Uniform Traffic Control Devices (MUTCD), chapter 6.
- All temporary traffic control signs shall have ASTM D4956 Type VII, Type VIII, or Type IX super high intensity or prismatic fluorescent retroreflective sheeting and shall be maintained in like-new condition. All orange construction signs shall be fluorescent orange with Type IX sheeting. Placement of construction signs shall be adjusted to avoid obstructing existing signs and to ensure proper sight lines to the construction signs as determined by the Resident
- Any signs, equipment, or devices found to be damaged or unserviceable shall be replaced at the Contractor's expense.
- During night operations, temporary work lighting shall be directed away from approaching lanes of traffic.
- Temporary lane closures will be required, with advanced approval, whenever work will occur within four feet of the I-95 traveled way. Temporary lane closures shall be removed if no work is occurring. See Special Provisions for more information.
- All lane closures shall require approval of the Resident a minimum of two working days in advance of the lane closure.
- The quantities for construction signs indicated are typical for one ramp location. The Contractor has the authority to work more than one ramp location concurrently, in accordance with Section 652.

**TURNPIKE SHOULDER CLOSURES**

CONSTRUCTION SIGN SUMMARY				
Sign	Text Dimensions (Inches)		Size	Quantity and Color
	Letter Height	Vertical Spacing		
G20-2		Text Dimensions Shall Conform to "Standard Highway Signs" - 2012	48"x24"	1 - Black on Orange
W7-3aP			36"x30"	1 - Black on Orange
W20-1 (AHEAD)			48"x48"	2 - Black on Orange
W21-5aR			48"x48"	1 - Black on Orange
W21-5bR			48"x48"	1 - Black on Orange

**TURNPIKE SINGLE LANE CLOSURES**

CONSTRUCTION SIGN SUMMARY					
Sign	Text Dimensions (Inches)		Size	Quantity and Color	
	Letter Height	Vertical Spacing			
CS-3		7" / 7" / 7"	4" / 4"	48"x48"	2 - Black on Orange
G20-2		Text Dimensions Shall Conform to "Standard Highway Signs" - 2012	48"x24"	2 - Black on Orange	
G20-5aP			36"x24"	1 - Black on Orange	
R2-1(60)			48"x60"	1 - Black on White	
R2-6aP			36"x24"	1 - Black on White	
R2-12			36"x54"	2 - Black on White	
W3-4			48"x48"	2 - Black on Orange	
W3-5(60)		48"x48"	2 - Black on Orange		
W4-2(R)		48"x48"	2 - Black on Orange		
W8-1		48"x48"	2 - Black on Orange		
W8-24a		48"x48"	2 - Black on Orange		
W20-1 (1 MILE)		48"x48"	2 - Black on Orange		
W20-5R		48"x48"	2 - Black on Orange		

**LOCAL ROAD SINGLE LANE CLOSURE/SHOULDER CLOSURE**

CONSTRUCTION SIGN SUMMARY				
Sign	Text Dimensions (Inches)		Quantity and Color	
	Letter Height	Vertical Spacing		
G20-2		Text Dimensions Shall Conform to "Standard Highway Signs" - 2012	36"x18"	2 - Black on Orange
W20-1			36"x36"	2 - Black on Orange
W20-4			36"x36"	2 - Black on Orange
W20-7			36"x36"	2 - Black on Orange

**STABILIZED CONSTRUCTION ENTRANCE**

CONSTRUCTION SIGN SUMMARY				
Sign	Text Dimensions (Inches)		Quantity and Color	
	Letter Height	Vertical Spacing		
G20-2		Text Dimensions Shall Conform to "Standard Highway Signs" - 2012	48"x24"	1 - Black on Orange
W7-3aP			36"x30"	1 - Black on Orange
W20-1 (AHEAD)			48"x48"	2 - Black on Orange
W21-5			48"x48"	1 - Black on Orange
CS-10			48"x48"	1 - Black on Orange

Date: 3/26/2020

Filename: ...009\_workzone\_01.dgn

Scale:			
No.	Revision	By	Date

Designed by:					
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
	MLG	2/2020	Checked	MDS	2/2020
	Drawn	JAR	In Charge of	AG	2/2020

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**THE GOLD STAR MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

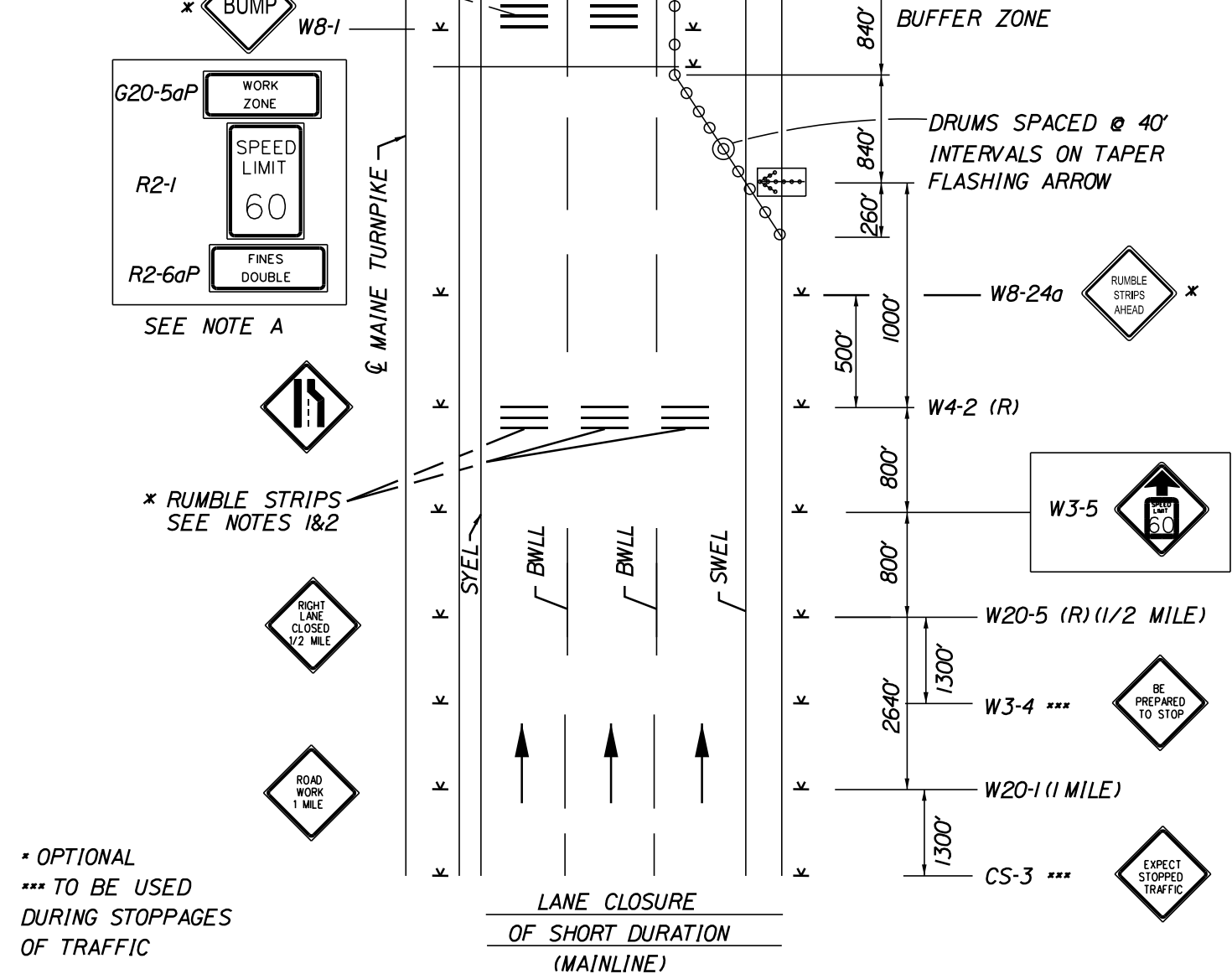
**EMERGENCY VEHICLE RAMPS  
 ALL LOCATIONS  
 MAINTENANCE OF TRAFFIC DETAILS  
 (1 OF 2)**

VHB: 55281.00      SHEET NUMBER: 9  
 CONTRACT: 2020.06      9 OF 49

Date: 3/26/2020

NOTE A:  
FOR EASEL SET UP ONLY, THIS SIGN IS NOT BRACKETED, ONE SIGN ASSEMBLY IS PLACED AT THE END OF THE TAPER.

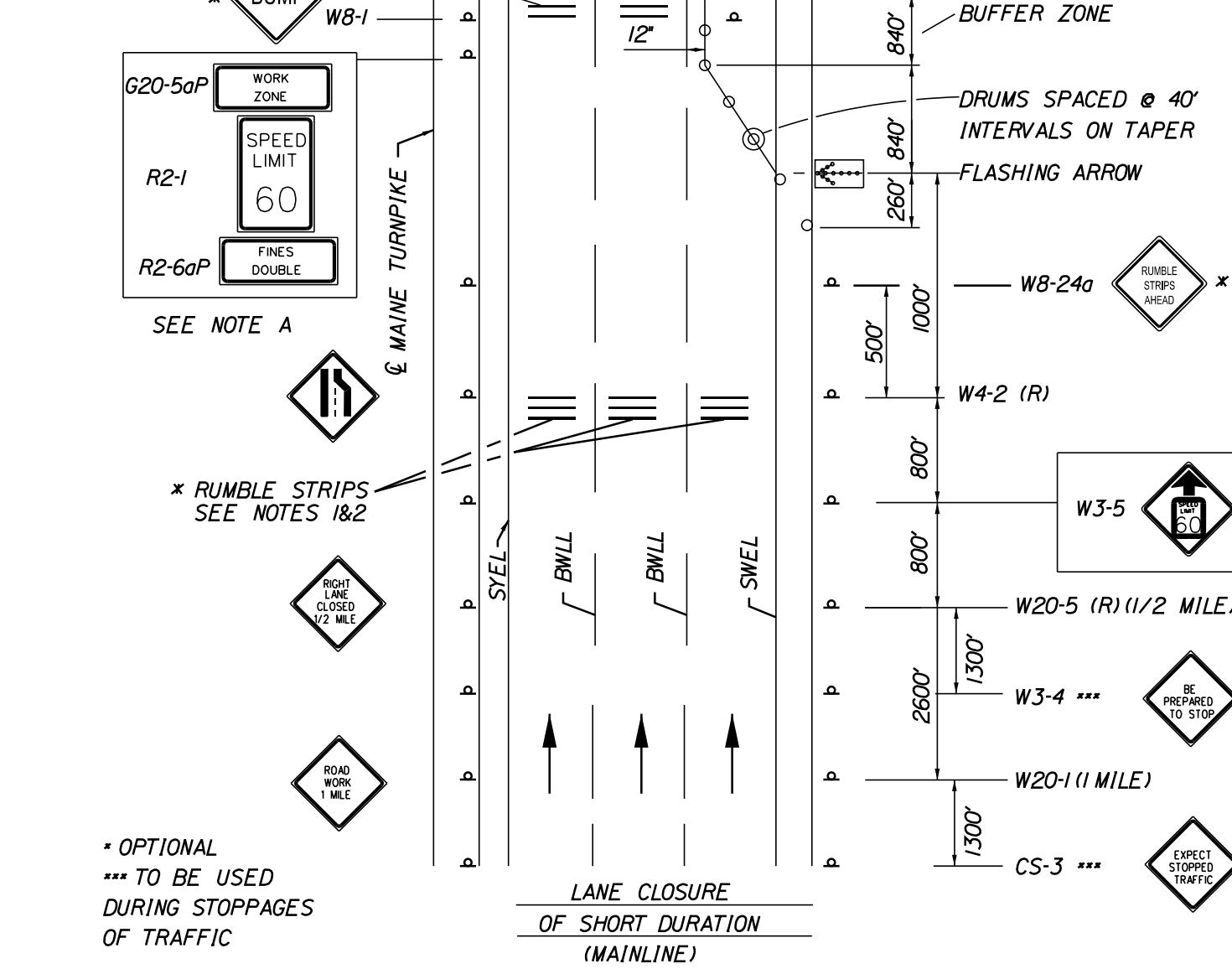
DRUMS SPACED @ 80' INTERVALS ON TANGENT  
\* RUMBLE STRIPS SEE NOTE 1



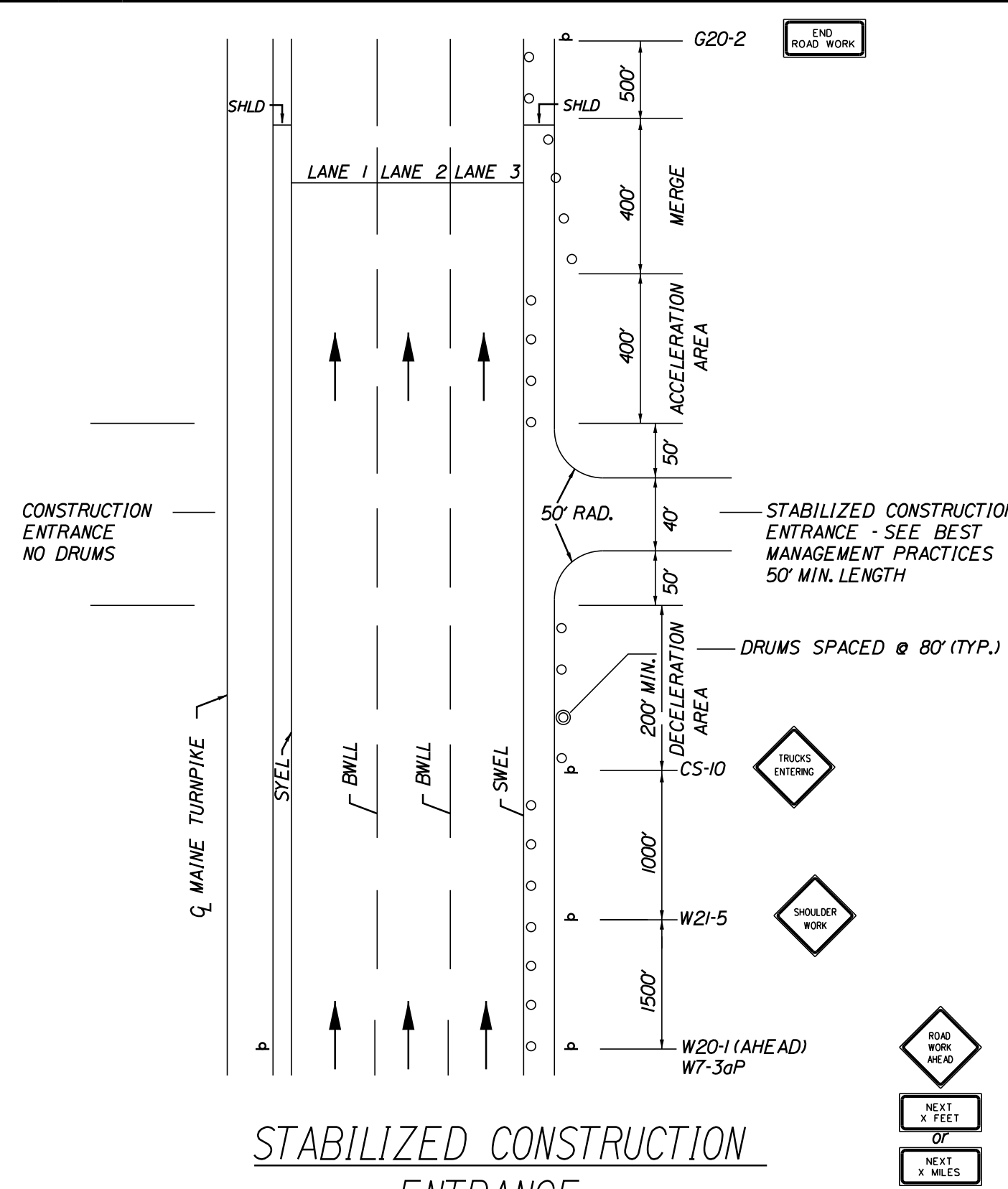
SINGLE LANE CLOSURE - SIGNS ON EASELS

NOTE A:  
FOR POST MOUNTED SIGN SETUP UNCOVER SIGNS ADJACENT TO OPEN LANE FOR SHORT TERM LANE CLOSURE (LESS THAN 24 HOURS); UNCOVER BOTH SIGNS FOR PERMANENT LANE CLOSURE (GREATER THAN 24 HOURS).

DRUMS SPACED @ 80' INTERVALS ON TANGENT  
\* RUMBLE STRIPS SEE NOTE 1

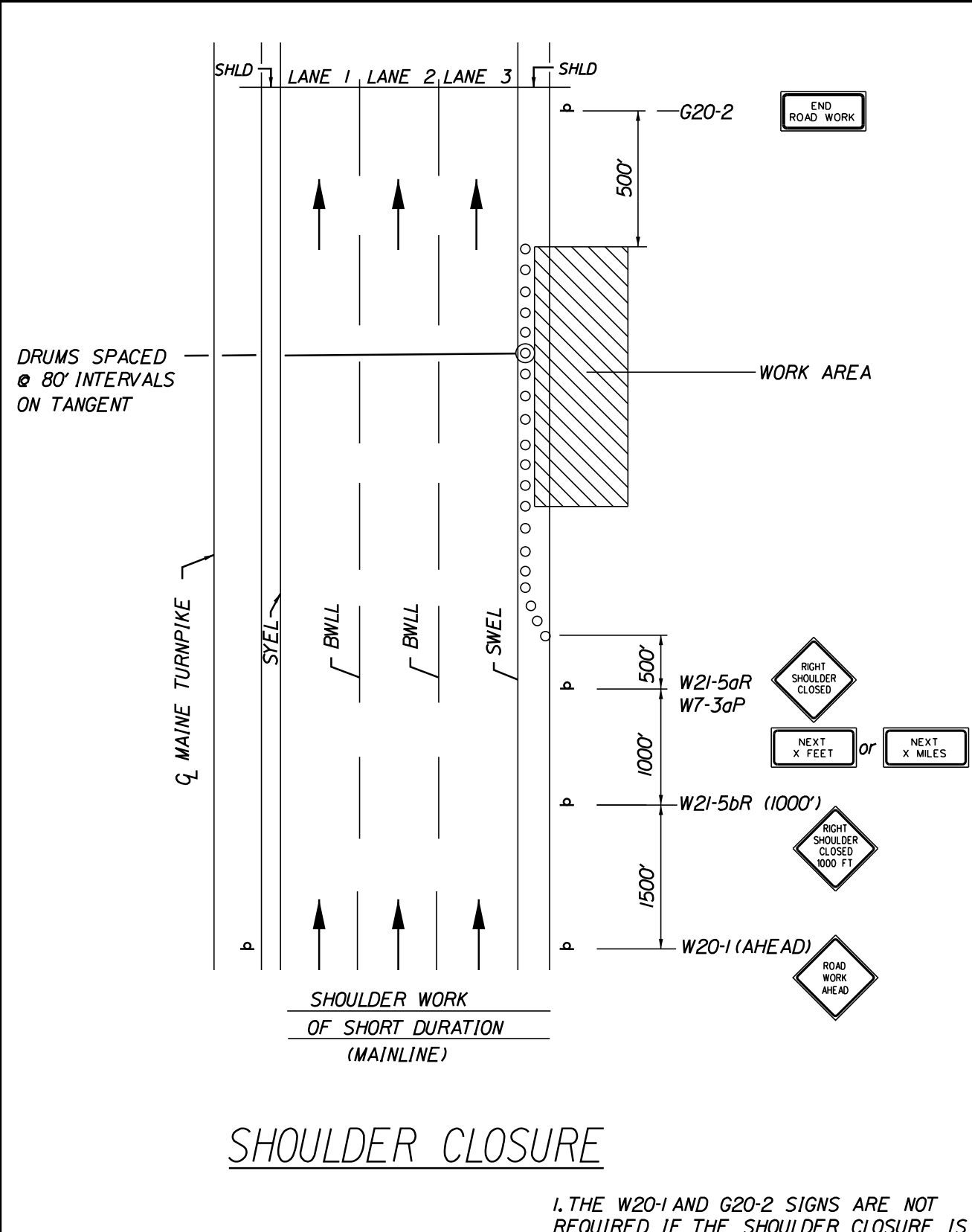


SINGLE LANE CLOSURE - POST MOUNTED SIGN SETUP



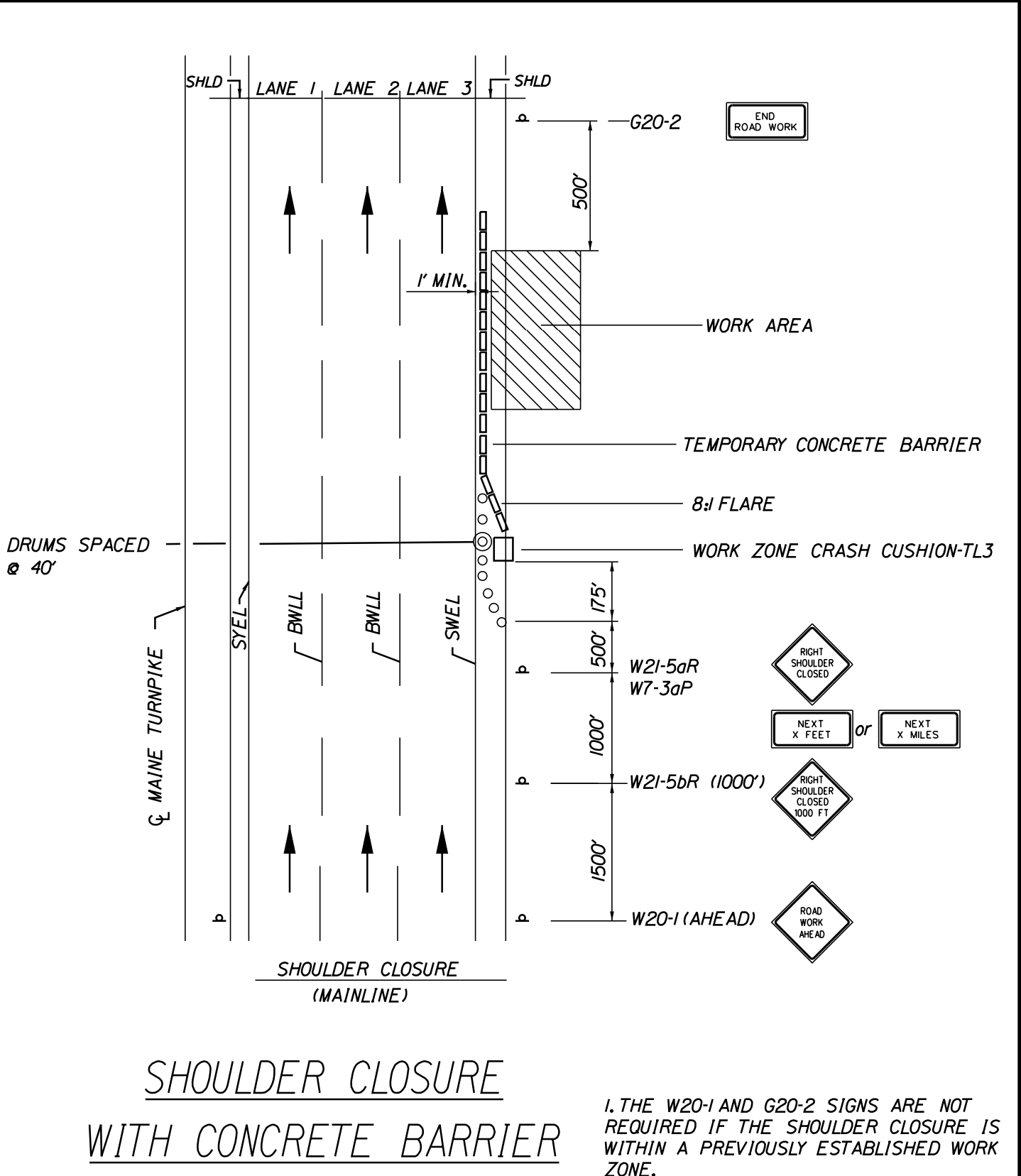
STABILIZED CONSTRUCTION ENTRANCE

1. SIGN G20-2 IS NOT REQUIRED IF ENTRANCE IS WITHIN THE WORK ZONE.



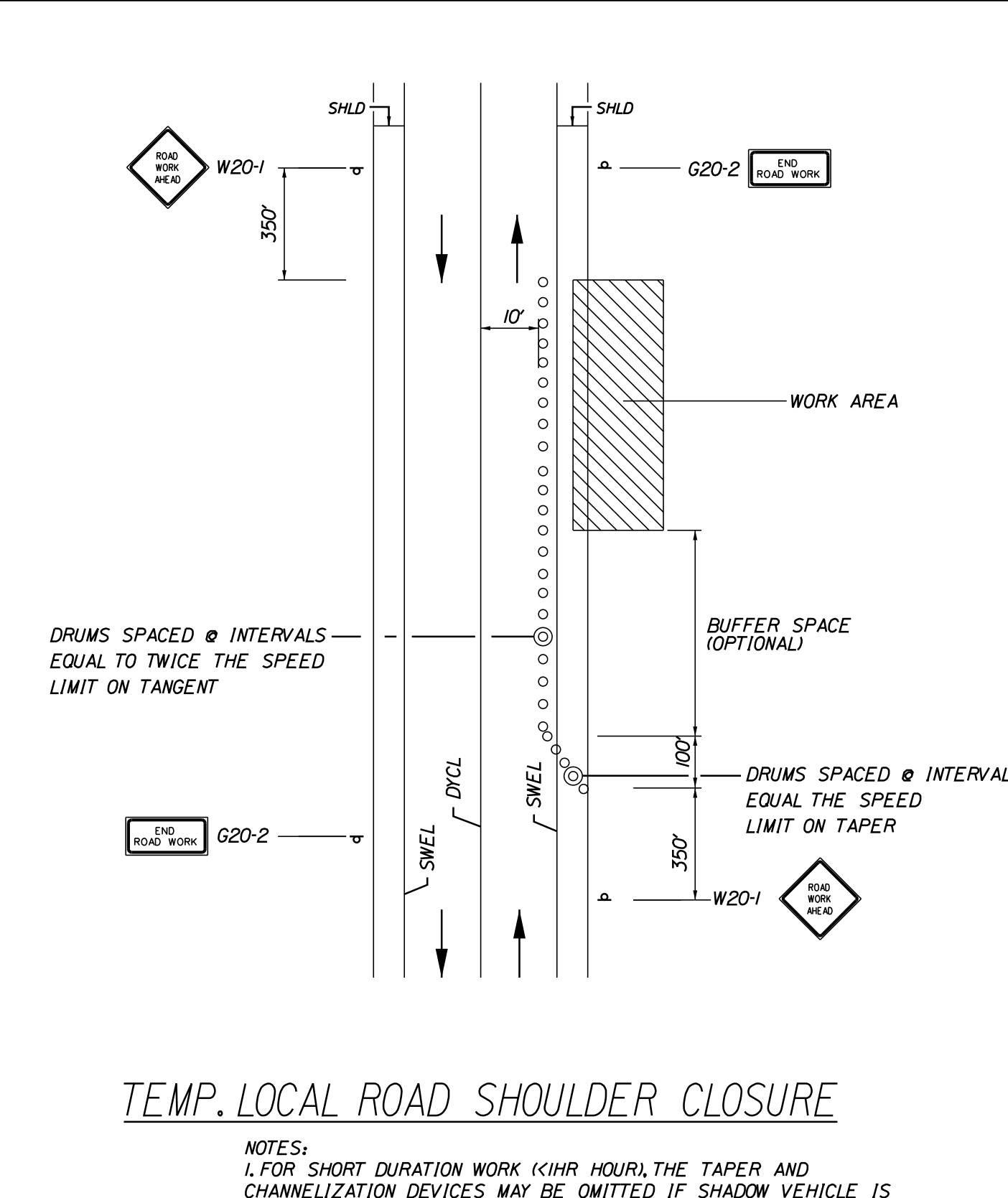
SHOULDER CLOSURE

1. THE W20-1 AND G20-2 SIGNS ARE NOT REQUIRED IF THE SHOULDER CLOSURE IS WITHIN A PREVIOUSLY ESTABLISHED WORK ZONE.



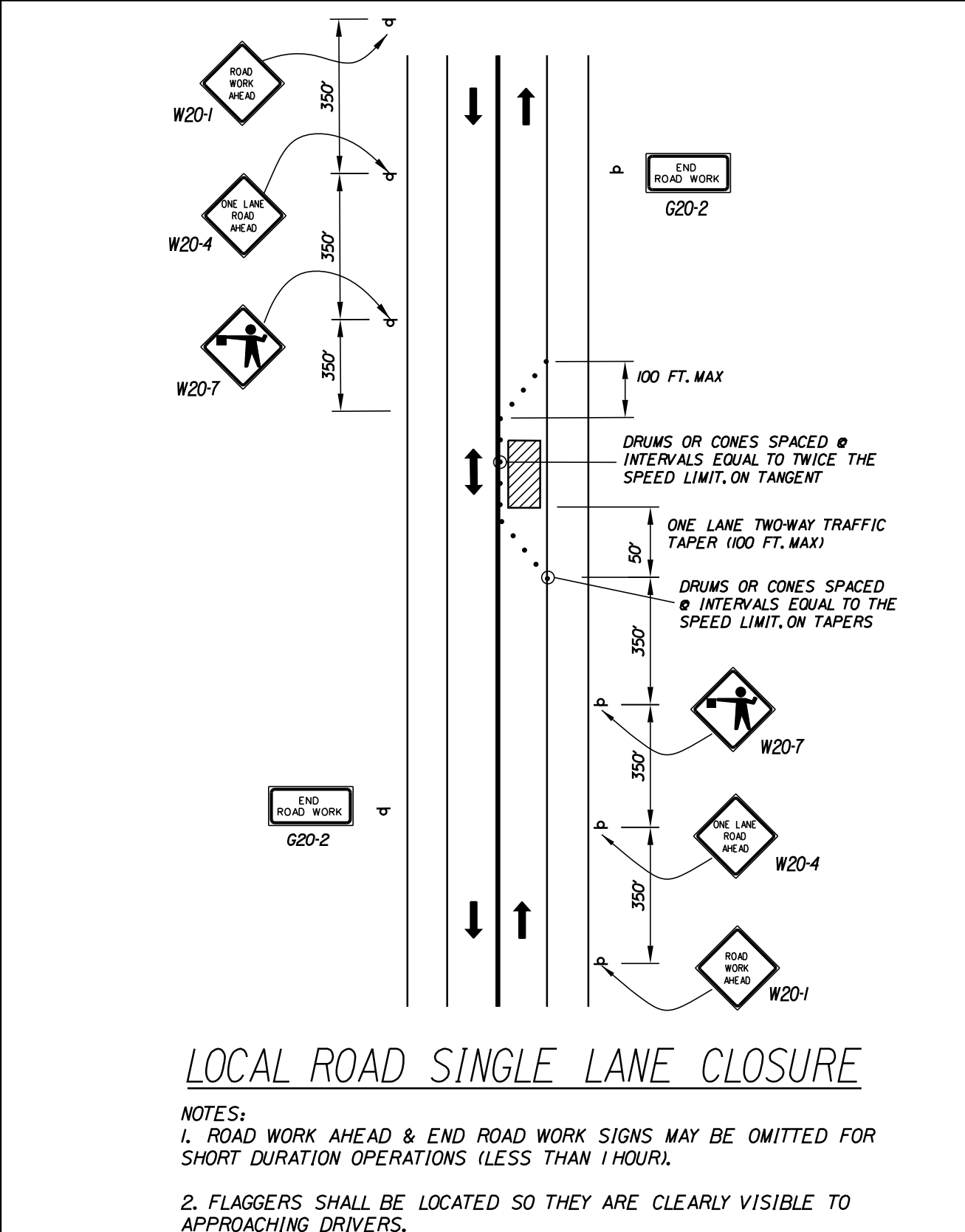
SHOULDER CLOSURE WITH CONCRETE BARRIER

1. THE W20-1 AND G20-2 SIGNS ARE NOT REQUIRED IF THE SHOULDER CLOSURE IS WITHIN A PREVIOUSLY ESTABLISHED WORK ZONE.  
2. ONLY ONE SHOULDER CLOSURE PERMITTED PER BOUND AT ONE TIME.



TEMP. LOCAL ROAD SHOULDER CLOSURE

NOTES:  
1. FOR SHORT DURATION WORK (<1HR HOUR), THE TAPER AND CHANNELIZATION DEVICES MAY BE OMITTED IF SHADOW VEHICLE IS PRESENT WITH ACTIVATED HIGH-INTENSITY ROTATING, FLASHING, OSCILLATING OR STROBE LIGHTS.



LOCAL ROAD SINGLE LANE CLOSURE

NOTES:  
1. ROAD WORK AHEAD & END ROAD WORK SIGNS MAY BE OMITTED FOR SHORT DURATION OPERATIONS (LESS THAN 1 HOUR).  
2. FLAGGERS SHALL BE LOCATED SO THEY ARE CLEARLY VISIBLE TO APPROACHING DRIVERS.  
3. SIGN SPACING ASSUMES LOCAL ROAD SPEED IS 40 MPH OR LESS.

WORK ZONE TRAFFIC CONTROL LAYOUT NOTES

- ALL PAVEMENT STRIPING & SIGNING SHALL BE IN ACCORDANCE WITH THE 'MANUAL ON UNIFORM TRAFFIC CONTROL DEVICES', U.S.D.O.T., F.H.W.A., LATEST EDITION.
- THESE PLANS SHOW THE GENERAL CONDITION FOR TURNPIKE MAINLINE TRAFFIC CONTROL DURING CONSTRUCTION. SLIGHT MODIFICATIONS IN CONSTRUCTION PROCEDURE MAY OCCUR AND MAY REQUIRE SOME MINOR ADJUSTMENTS TO BE MADE IN THE FIELD. ALL PROCEDURES MUST BE APPROVED BY THE RESIDENT.
- THE CONTRACTOR SHALL REMOVE ALL PAVEMENT MARKINGS THAT CONFLICT WITH PROPOSED PAVEMENT MARKINGS IN ACCORDANCE WITH THE SPECIFICATIONS AND MUTCD. PAYMENT SHALL BE MADE UNDER ITEM 627.77 - REMOVING PAVEMENT MARKINGS.
- EXPOSED BARRIER ENDS ON THE MAINE TURNPIKE SHALL BE PROTECTED BY A WORK ZONE CRASH CUSHION. PAYMENT WILL BE UNDER ITEM 527.341 - WORK ZONE CRASH CUSHION - TL-3.
- SPEED LIMIT, STOP, YIELD AND EXIT SIGNS SHALL BE A MINIMUM OF 5' ABOVE THE PAVEMENT.
- WORK ZONE SPEED LIMIT ASSEMBLY MAY BE REPLACED WITH AN AUTOMATED WORK ZONE SPEED LIMIT SIGN (ITEM 652.451)

ABBREVIATIONS FOR ALL M.O.T. PLANS

- BWLL = BROKEN WHITE LANE LINE
- SWEL = SOLID WHITE LANE LINE
- SYEL = SOLID YELLOW LANE LINE
- TBWLL = TEMPORARY BROKEN WHITE LANE LINE
- TDWEL = TEMPORARY DOTTED WHITE EDGE LINE
- TSWEL = TEMPORARY SOLID WHITE EDGE LINE
- TSWLL = TEMPORARY SOLID WHITE LANE LINE
- TSYCL = TEMPORARY SOLID YELLOW CENTER LINE

TEMPORARY RUMBLE STRIP NOTES

- IF RUMBLE STRIPS ARE USED THEY SHALL BE PLACED IN ONE OF THE FOLLOWING CONFIGURATIONS:  
\* ADJACENT TO THE WORK ZONE (2 UNITS)  
\* UPSTREAM FROM THE TAPER FOR THE WORKZONE (3 UNITS)  
\* BOTH ADJACENT TO THE WORKZONE AND PRIOR TO THE TAPER (5 UNITS)  
W8-1 SIGNS SHALL BE PLACED ADJACENT TO THE FIRST RUMBLE STRIP AT ANY LOCATION. ONLY ONE SET OF W8-240 SIGNS ARE REQUIRED FOR ANY OF THE ABOVE CONFIGURATIONS.
- RUMBLE STRIPS MAY BE PLACED UPSTREAM OF THE TAPER BETWEEN THE W3-5 SIGNS AND THE W4-2 SIGNS. IF RUMBLE STRIPS ARE INSTALLED PRIOR TO TAPER, W8-1 SIGNS SHALL BE PLACED ADJACENT TO THE FIRST STRIP AND THE W8-240 SIGNS SHALL BE MOVED TO 400' AFTER THE W20-5 SIGNS.

Filename: ...010\_workzone\_02.dgn

No.	Revision	By	Date

Scale: \_\_\_\_\_ Designed by: \_\_\_\_\_

CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	MLG	2/2020	Checked	MDS	2/2020
Drawn	JAR	2/2020	In Charge of	AG	2/2020

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South Portland, ME 04106  
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

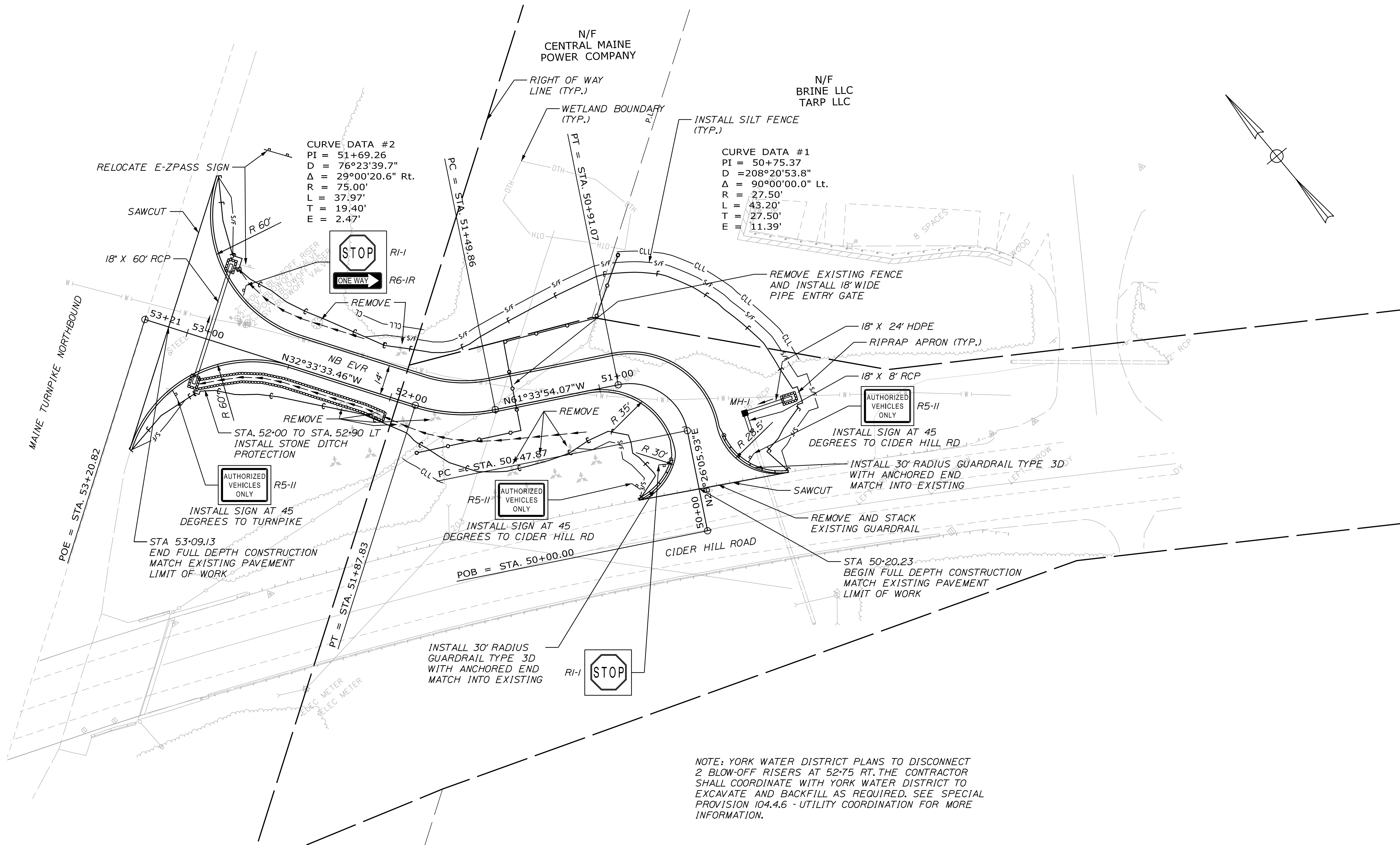
MTA PROJECT MANAGER: Ralph Norwood, IV

EMERGENCY VEHICLE RAMPS  
ALL LOCATIONS  
MAINTENANCE OF TRAFFIC DETAILS  
(2 OF 2)

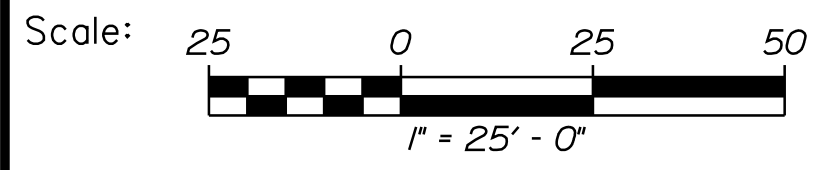
VHB: 55281.00 SHEET NUMBER: 10  
CONTRACT: 2020.06 10 OF 49

Date: 3/27/2020

Filename: ...011\_HDPlan\_CiderHillRd\_NB.dgn



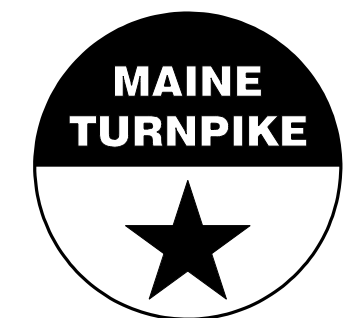
NOTE: YORK WATER DISTRICT PLANS TO DISCONNECT 2 BLOW-OFF RISERS AT 52-75 RT. THE CONTRACTOR SHALL COORDINATE WITH YORK WATER DISTRICT TO EXCAVATE AND BACKFILL AS REQUIRED. SEE SPECIAL PROVISION 104.4.6 - UTILITY COORDINATION FOR MORE INFORMATION.



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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

EMERGENCY VEHICLE RAMPS  
 CIDER HILL ROAD - NORTHBOUND  
 GENERAL PLANS (1 OF 4)

No.	Revision	By	Date

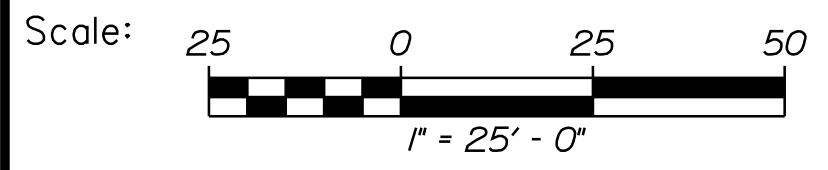
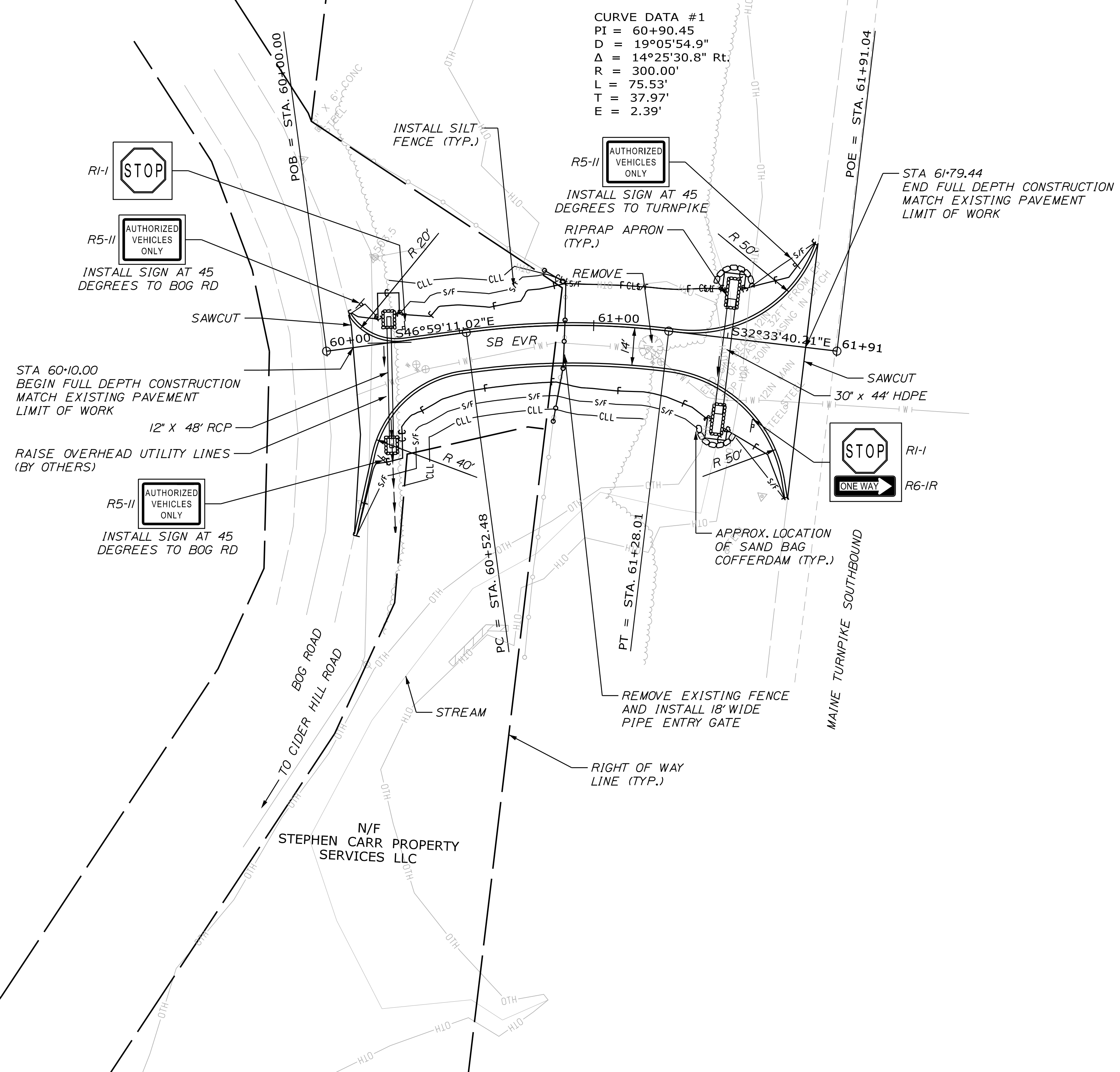
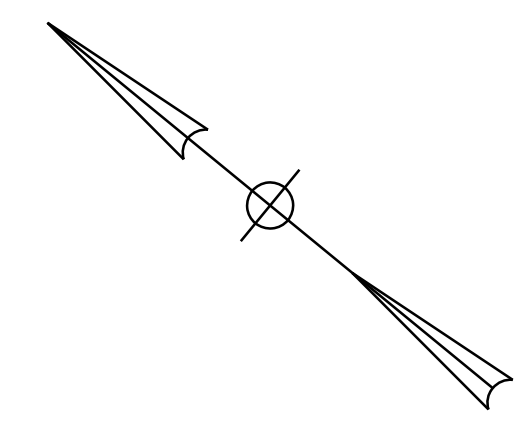
CONSULTANT PROJECT MANAGER: T. Bryant			
	By	Date	
Designed	AGC	2/2020	Checked ECF 2/2020
Drawn	BMD	2/2020	In Charge of AG 2/2020

MTA PROJECT MANAGER: Ralph Norwood, IV

VHB: 55281.00 SHEET NUMBER: 11  
 CONTRACT: 2020.06 11 OF 49

Date: 3/26/2020

Filename: ...012\_HDPlan\_CiderHillRd\_SB.dgn



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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

EMERGENCY VEHICLE RAMPS  
 CIDER HILL ROAD - SOUTHBOUND  
 GENERAL PLANS (2 OF 4)

No.	Revision	By	Date

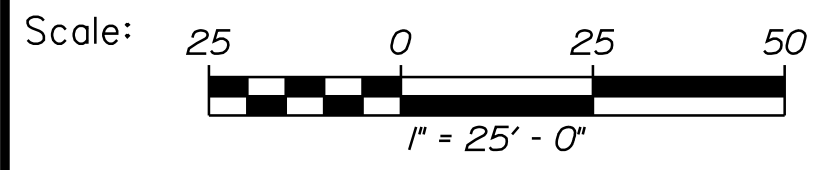
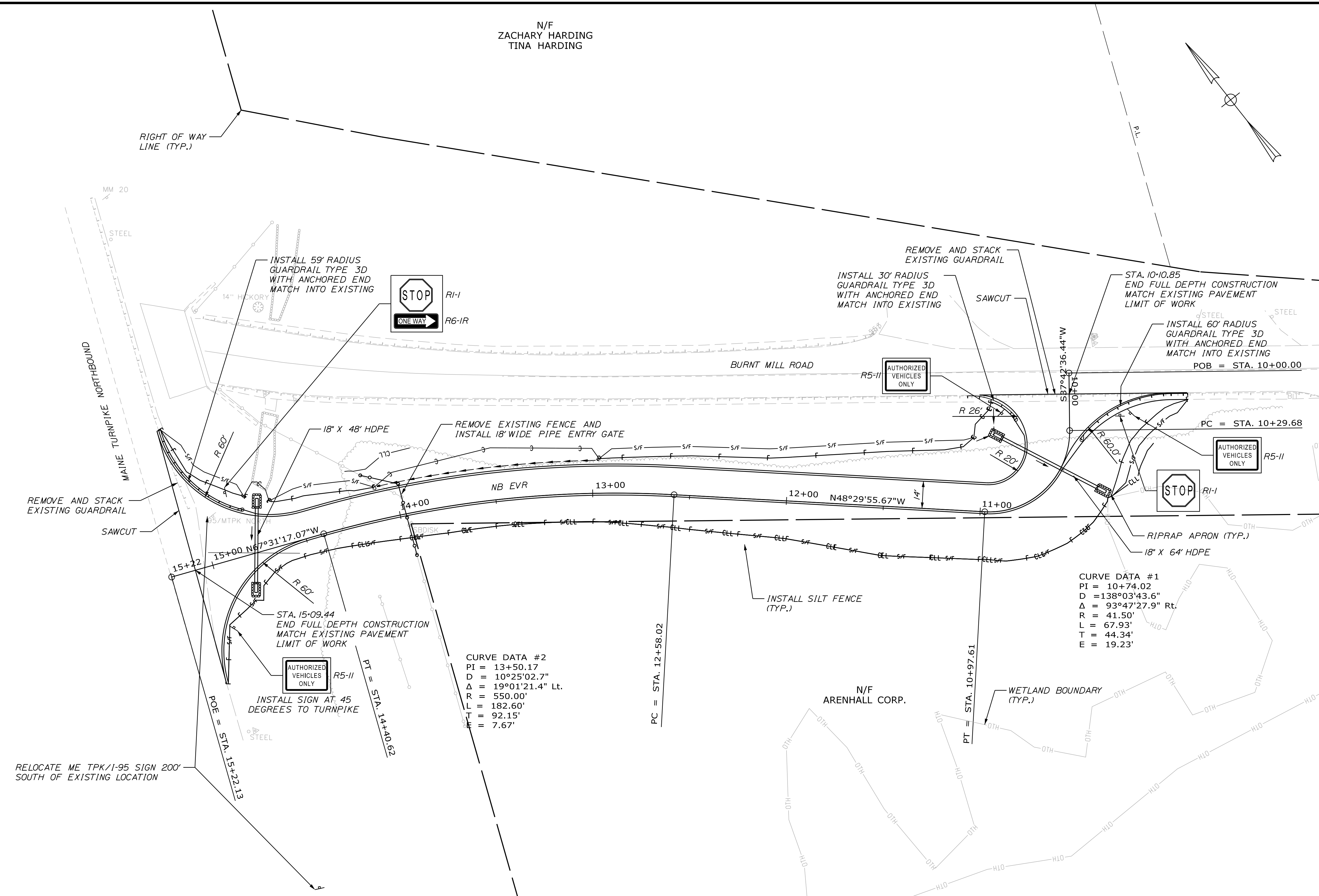
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	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/26/2020

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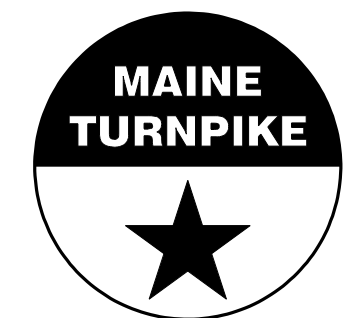
N/F  
ZACHARY HARDING  
TINA HARDING



Designed by:



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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

**EMERGENCY VEHICLE RAMPS  
 BURNT MILL ROAD - NORTHBOUND  
 GENERAL PLANS (3 OF 4)**

No.	Revision	By	Date

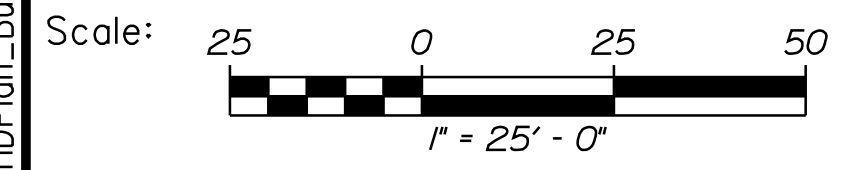
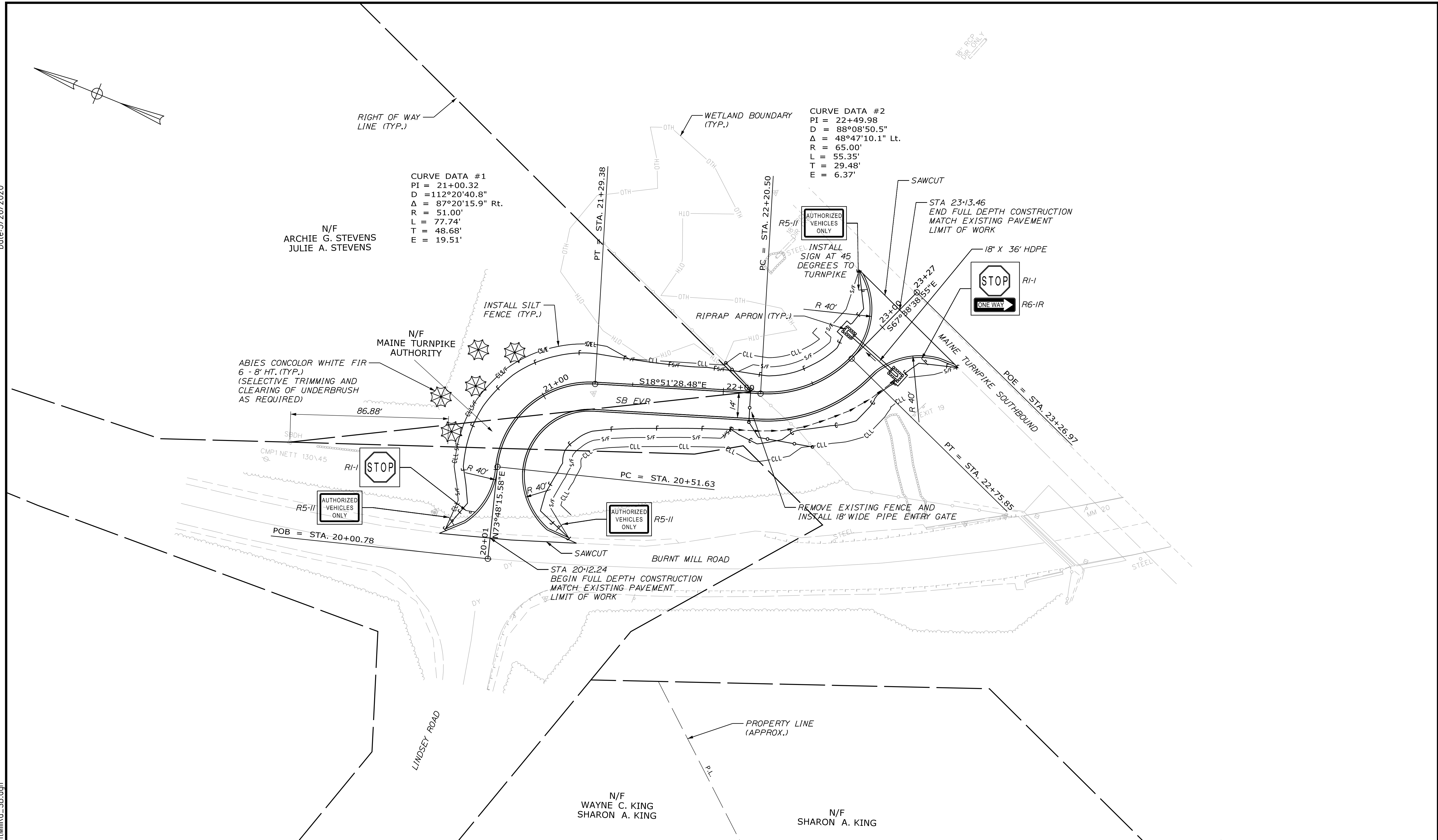
CONSULTANT PROJECT MANAGER: T. Bryant			
Designed	By	Date	Checked
	AGC	2/2020	ECF
Drawn	By	Date	In Charge of
	BMD	2/2020	AG

VHB: 55281.00  
 CONTRACT: 2020.06  
 SHEET NUMBER: 13  
 13 OF 49

MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/26/2020

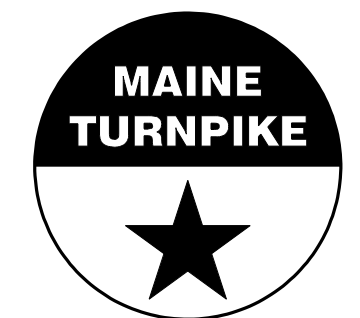
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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

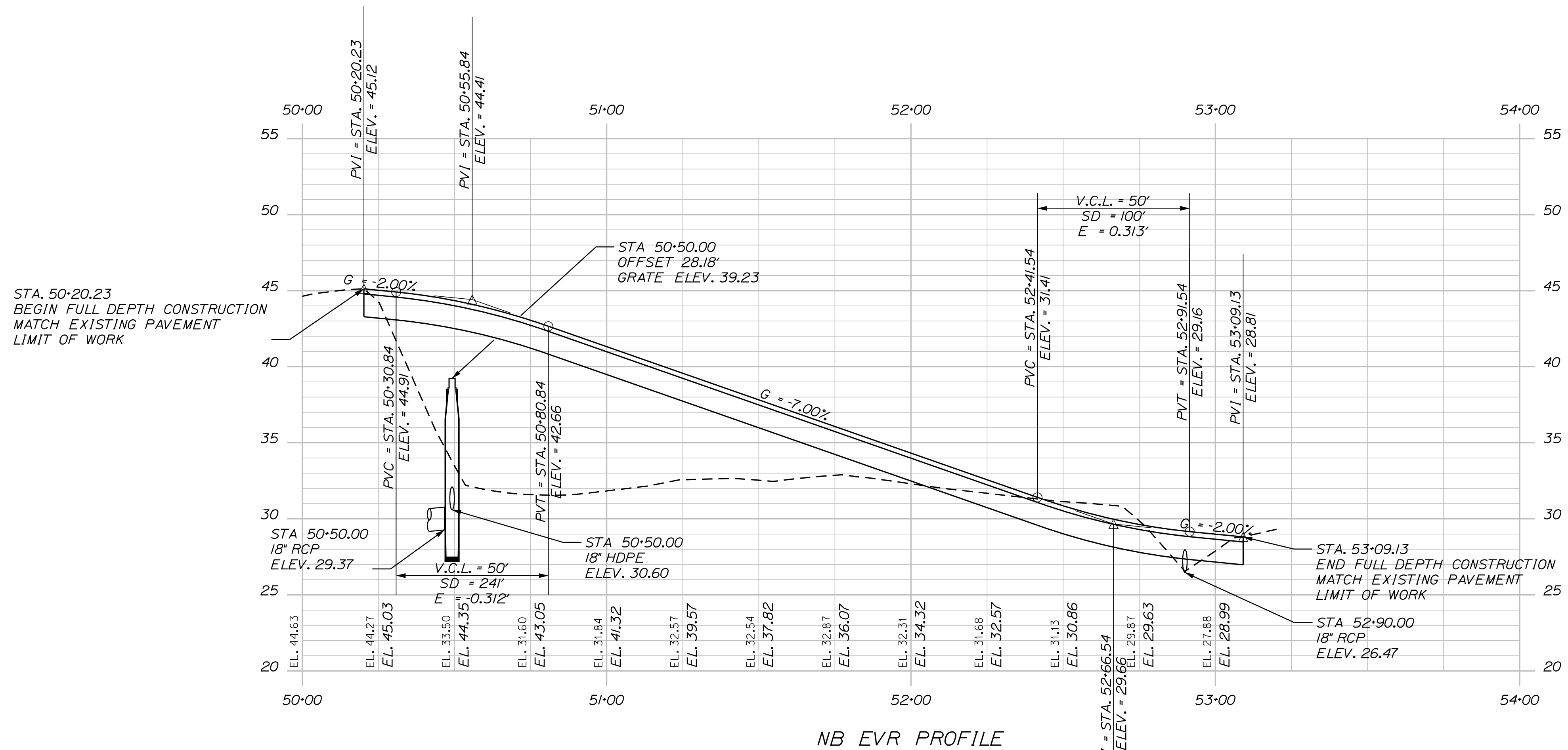
**EMERGENCY VEHICLE RAMPS  
 BURNT MILL ROAD - SOUTHBOUND  
 GENERAL PLANS (4 OF 4)**

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/26/2020




Filename: ...015\_Profile\_CiderHillRd\_NB.dgn

Scale: HORIZ. 25 0 25 50  
VERT. 5 0 5 10

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	By	Date
Designed	AGC	2/2020	Checked	ECF 2/2020
Drawn	BMD	2/2020	In Charge of	AG 2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

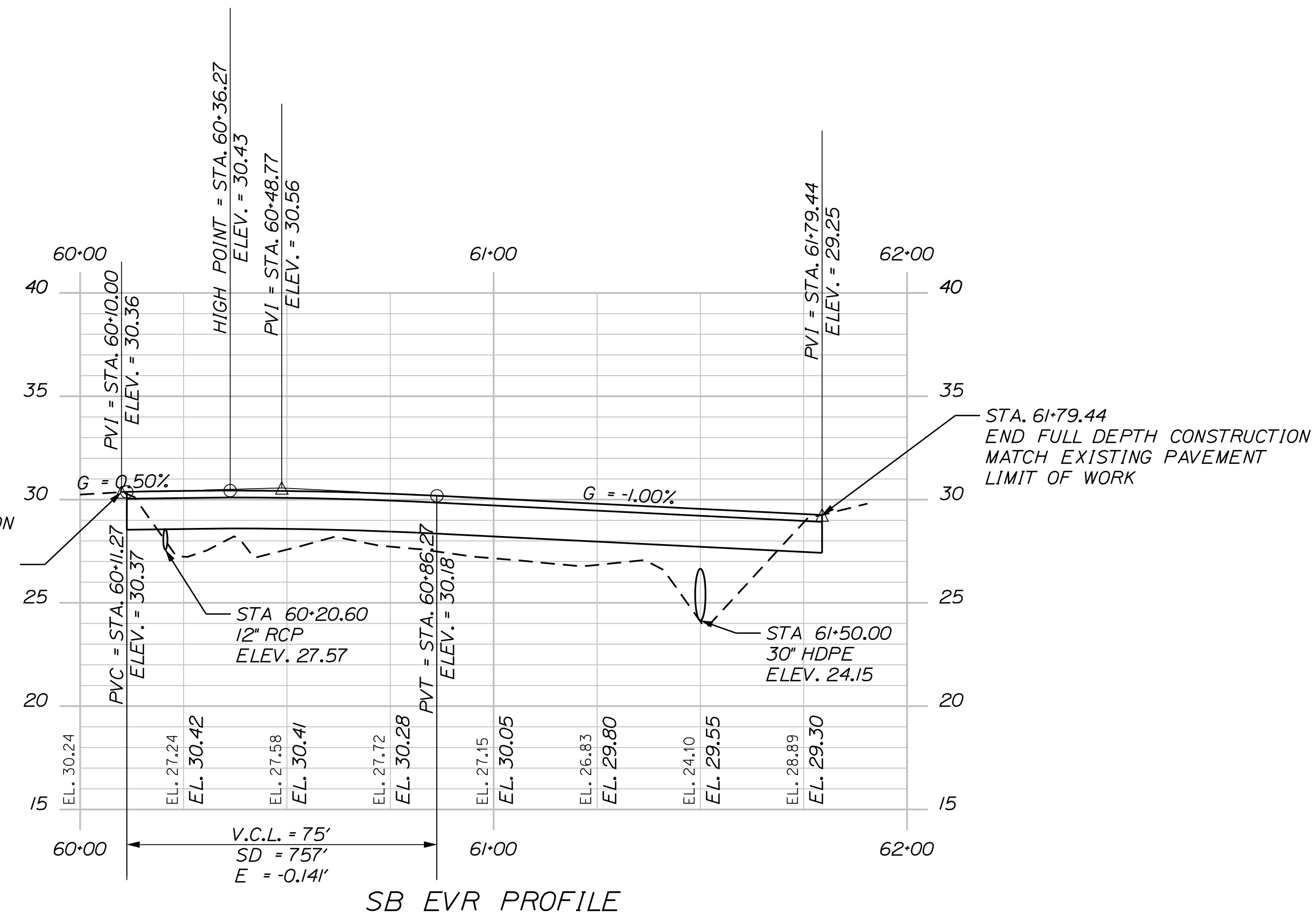
EMERGENCY VEHICLE RAMPS  
CIDER HILL ROAD - NORTHBOUND  
PROFILES (1 OF 4)

VHB: 55281.00 SHEET NUMBER: 15  
CONTRACT: 2020.06 15 OF 49

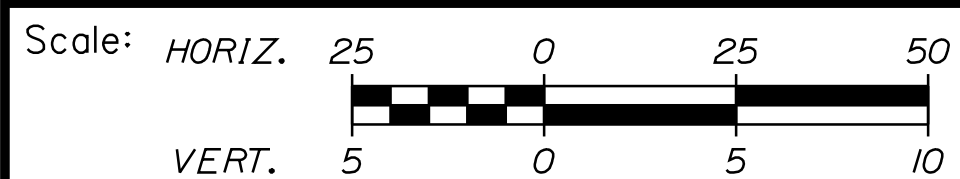
Date: 3/26/2020

Filename: ...016\_Profile\_CiderHillRd\_SB.dgn

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MATCH EXISTING PAVEMENT  
LIMIT OF WORK



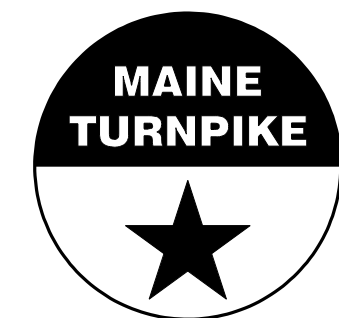
STA. 61+79.44  
END FULL DEPTH CONSTRUCTION  
MATCH EXISTING PAVEMENT  
LIMIT OF WORK



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THE GOLD STAR  
MEMORIAL HIGHWAY

EMERGENCY VEHICLE RAMPS  
CIDER HILL ROAD - SOUTHBOUND  
PROFILES (2 OF 4)

No.	Revision	By	Date

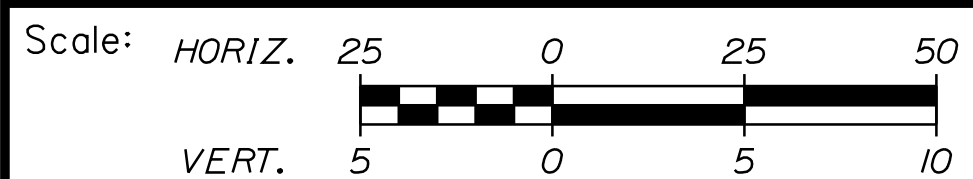
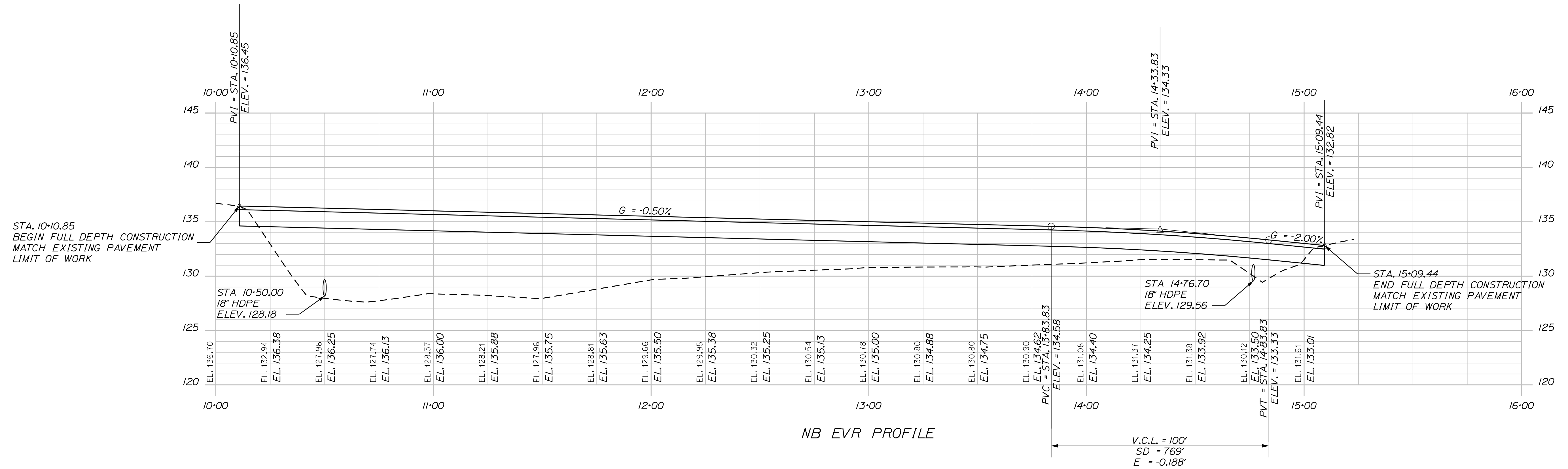
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

MTA PROJECT MANAGER: Ralph Norwood, IV



Date: 3/26/2020

Filename: ...017\_Profile\_BurntMillRd\_NB.dgn



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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

**EMERGENCY VEHICLE RAMPS  
 BURNT MILL ROAD - NORTHBOUND  
 PROFILES (3 OF 4)**

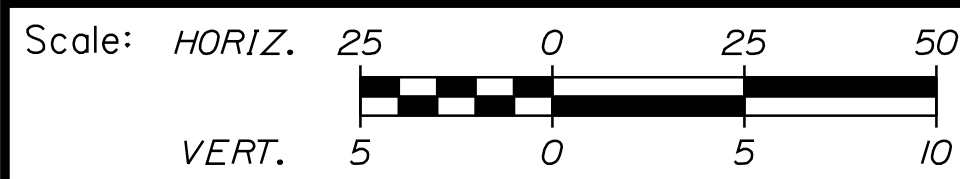
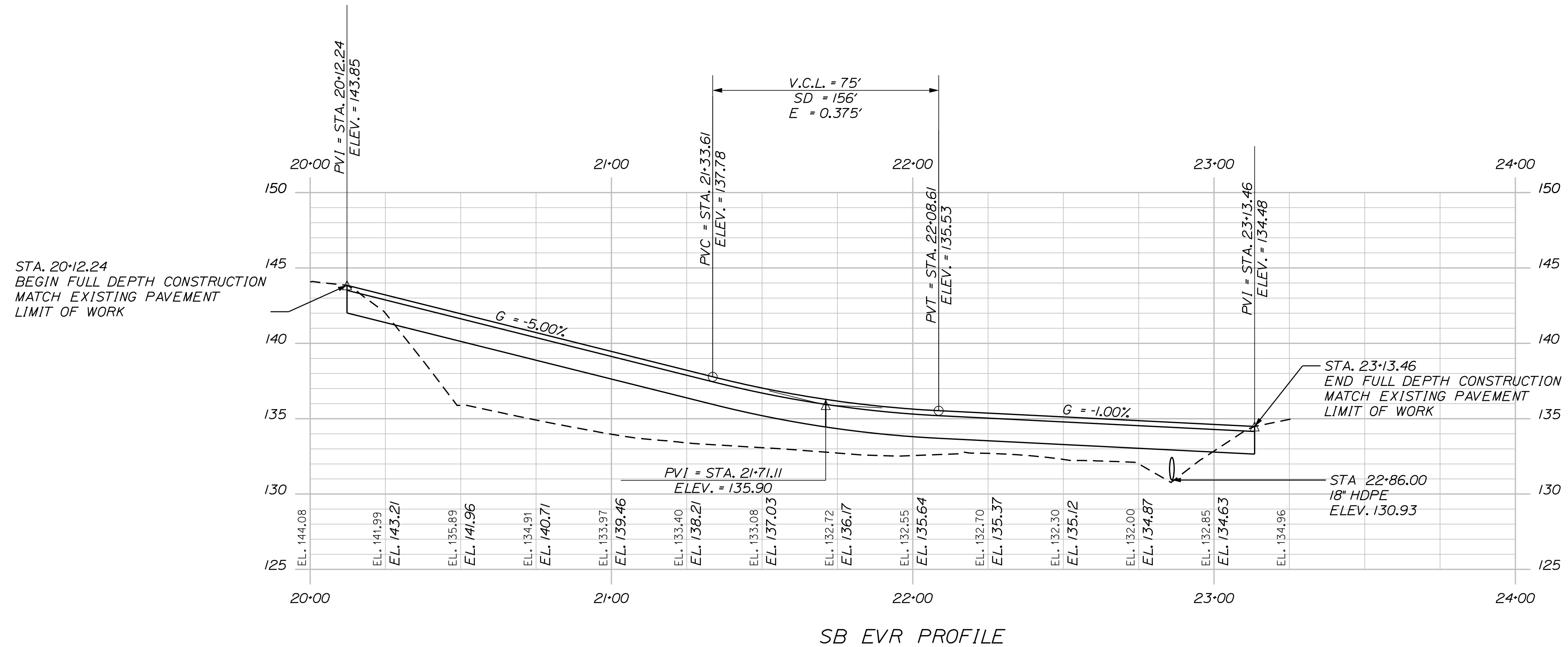
No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/26/2020

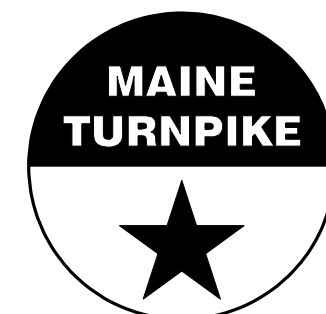
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THE GOLD STAR  
MEMORIAL HIGHWAY

EMERGENCY VEHICLE RAMPS  
BURNT MILL ROAD - SOUTHBOUND  
PROFILES (4 OF 4)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

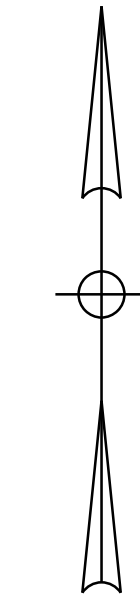
MTA PROJECT MANAGER: Ralph Norwood, IV

VHB: 55281.00  
CONTRACT: 2020.06

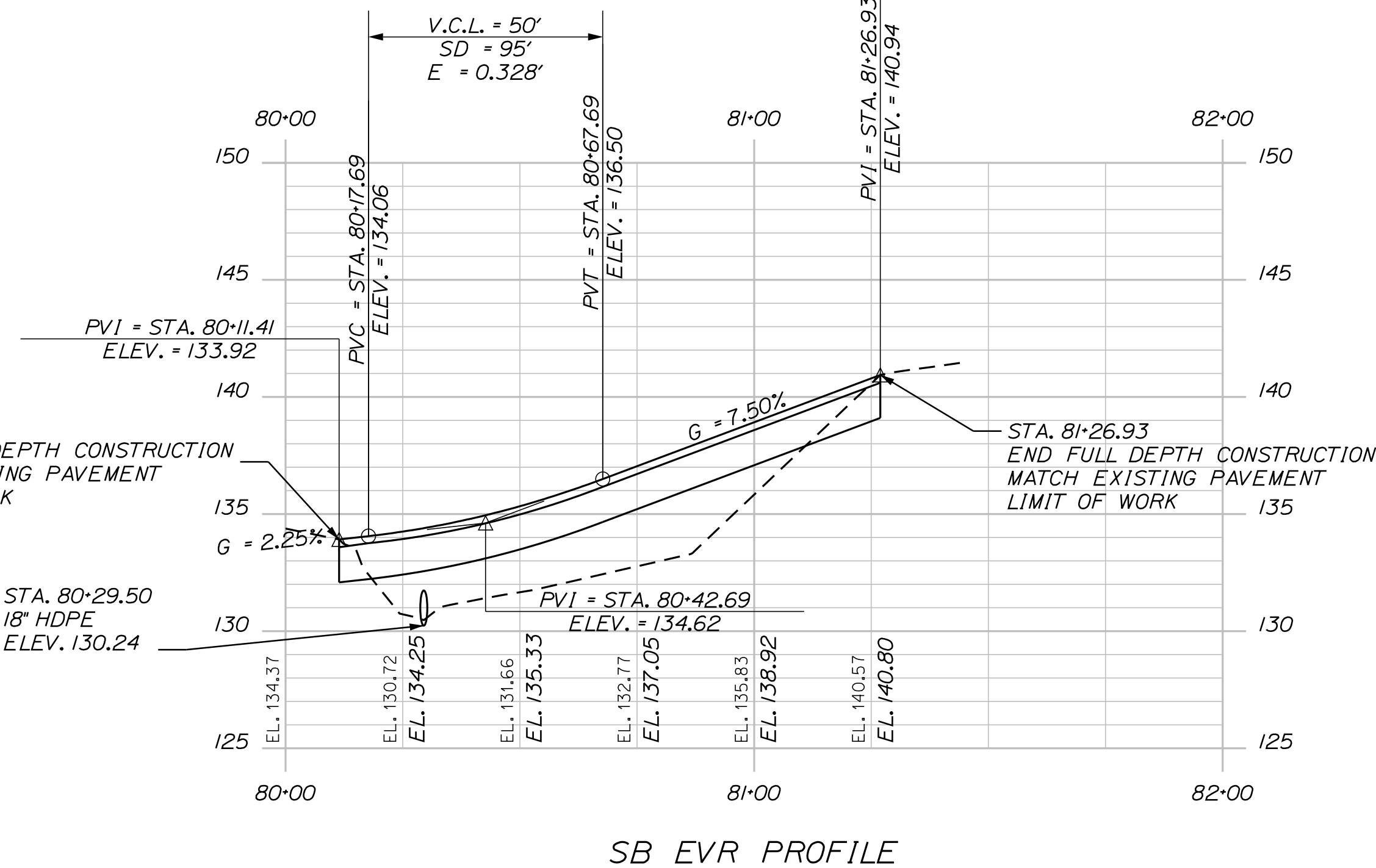
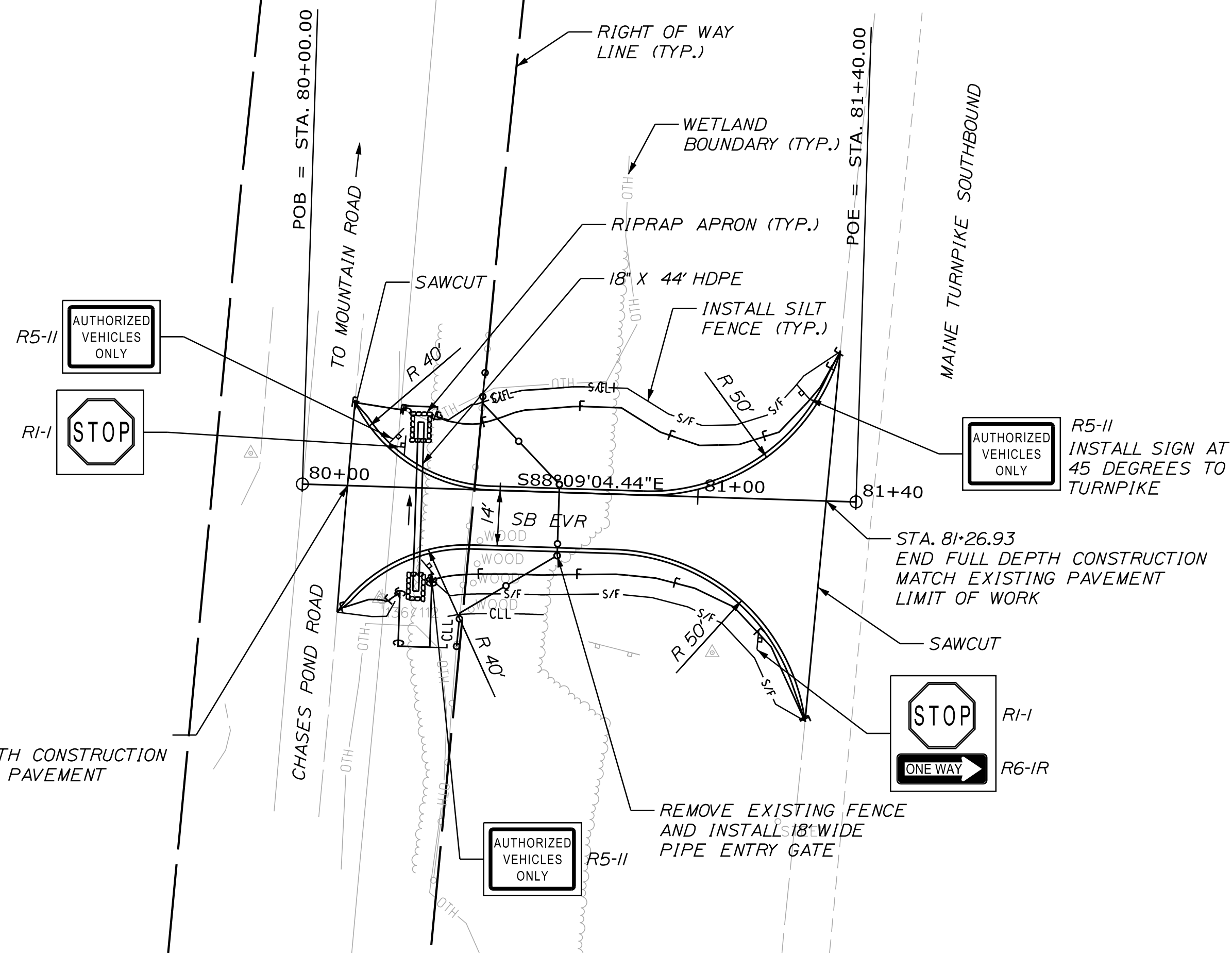
SHEET NUMBER: 18  
18 OF 49

Date: 3/26/2020

Filename: ...019\_Plan-Profile\_MountainRd\_NB-SB.dgn

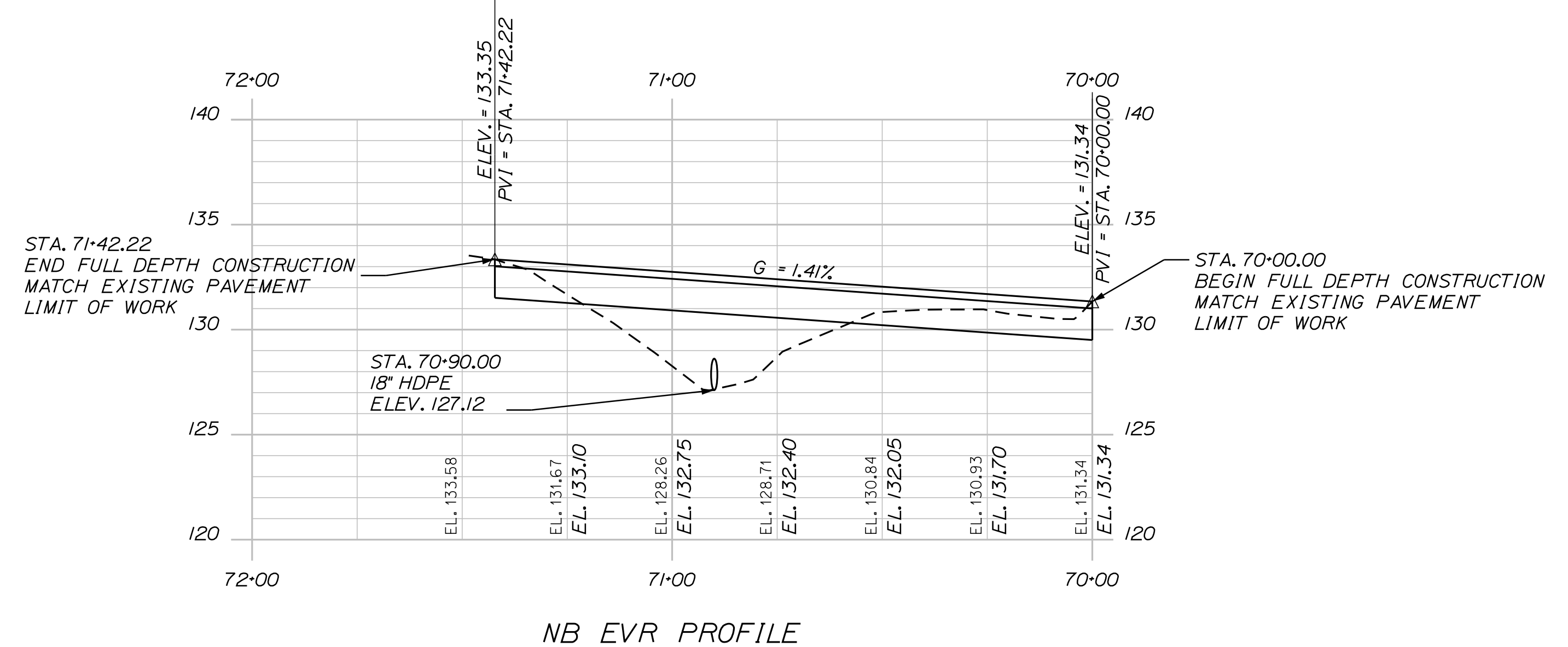
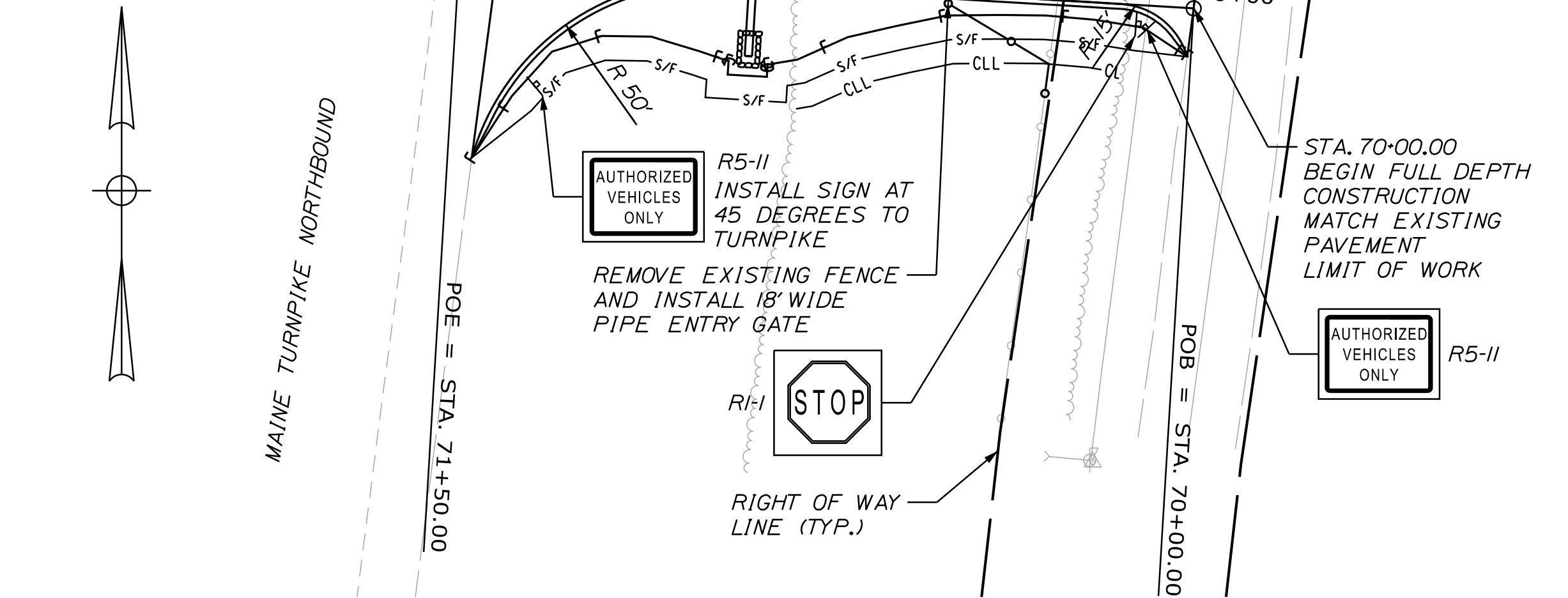


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LIMIT OF WORK

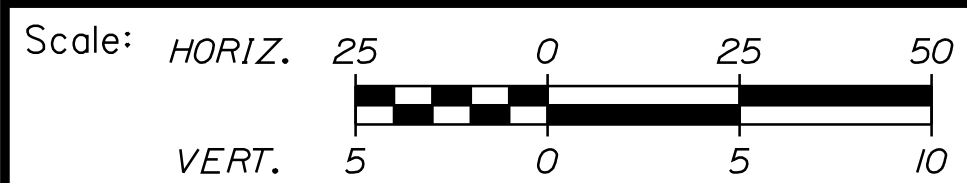


SB EVR PROFILE

STA. 71+42.22  
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MATCH EXISTING PAVEMENT  
LIMIT OF WORK



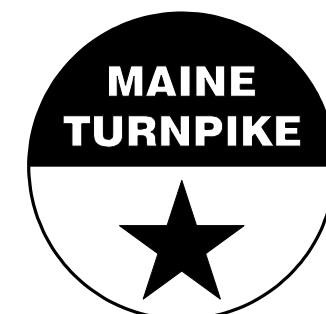
NB EVR PROFILE



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THE GOLD STAR  
MEMORIAL HIGHWAY

EMERGENCY VEHICLE RAMPS  
MOUNTAIN ROAD  
PLAN AND PROFILE

CONSULTANT PROJECT MANAGER: T. Bryant					
No.	Revision	By	Date	By	Date

Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

MTA PROJECT MANAGER: Ralph Norwood, IV

VHB: 55281.00  
CONTRACT: 2020.06

SHEET NUMBER: 19  
19 OF 49

Date: 3/26/2020

Filename: ...020\_DisturbancePlan\_CiderHillRd\_NB.dgn

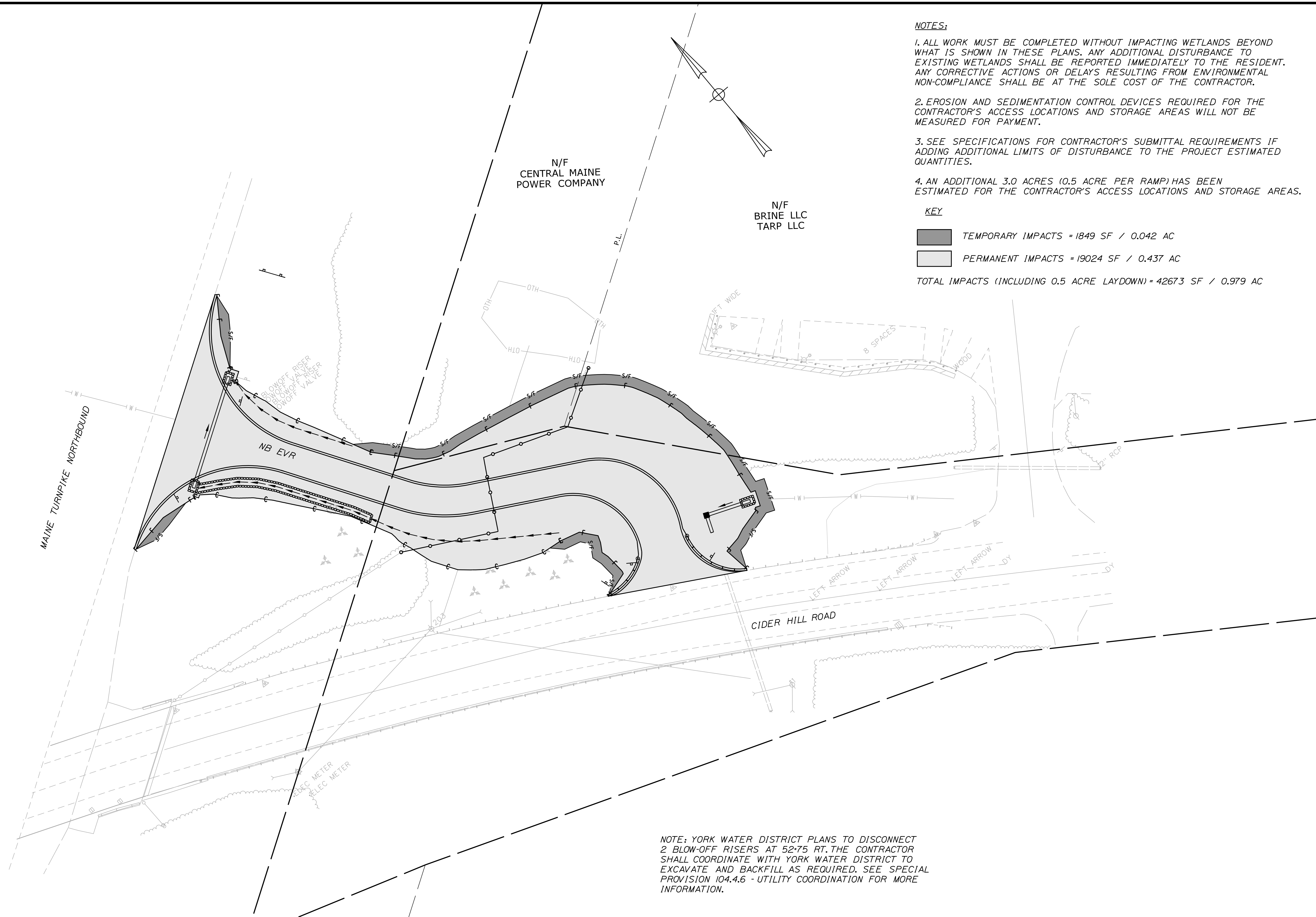
**NOTES:**

1. ALL WORK MUST BE COMPLETED WITHOUT IMPACTING WETLANDS BEYOND WHAT IS SHOWN IN THESE PLANS. ANY ADDITIONAL DISTURBANCE TO EXISTING WETLANDS SHALL BE REPORTED IMMEDIATELY TO THE RESIDENT. ANY CORRECTIVE ACTIONS OR DELAYS RESULTING FROM ENVIRONMENTAL NON-COMPLIANCE SHALL BE AT THE SOLE COST OF THE CONTRACTOR.
2. EROSION AND SEDIMENTATION CONTROL DEVICES REQUIRED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS WILL NOT BE MEASURED FOR PAYMENT.
3. SEE SPECIFICATIONS FOR CONTRACTOR'S SUBMITTAL REQUIREMENTS IF ADDING ADDITIONAL LIMITS OF DISTURBANCE TO THE PROJECT ESTIMATED QUANTITIES.
4. AN ADDITIONAL 3.0 ACRES (0.5 ACRE PER RAMP) HAS BEEN ESTIMATED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS.

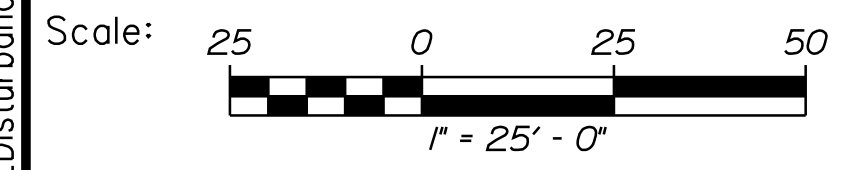
**KEY**

- TEMPORARY IMPACTS = 1849 SF / 0.042 AC
- PERMANENT IMPACTS = 19024 SF / 0.437 AC

TOTAL IMPACTS (INCLUDING 0.5 ACRE LAYDOWN) = 42673 SF / 0.979 AC



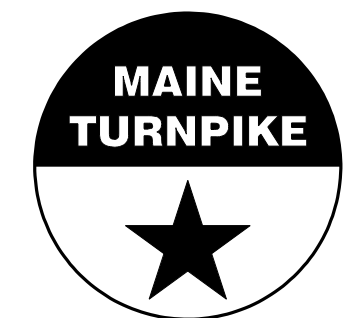
NOTE: YORK WATER DISTRICT PLANS TO DISCONNECT 2 BLOW-OFF RISERS AT 52.75 RT. THE CONTRACTOR SHALL COORDINATE WITH YORK WATER DISTRICT TO EXCAVATE AND BACKFILL AS REQUIRED. SEE SPECIAL PROVISION 104.4.6 - UTILITY COORDINATION FOR MORE INFORMATION.



Designed by:



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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

**EMERGENCY VEHICLE RAMP  
 CIDER HILL ROAD - NORTHBOUND  
 DISTURBANCE IMPACT PLAN (1 OF 5)**

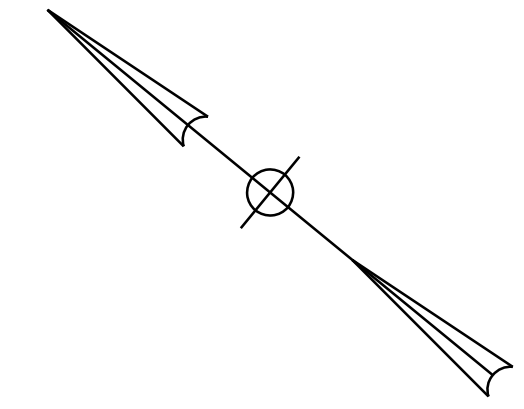
No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/27/2020

Filename: ...021\_DisturbancePlan\_CiderHillRd\_SB.dgn



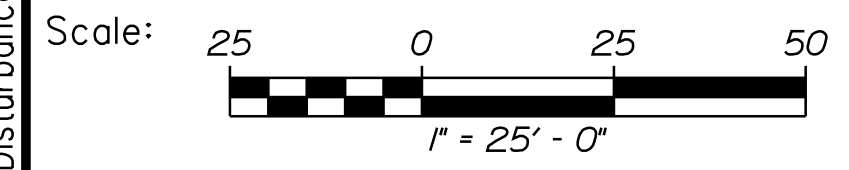
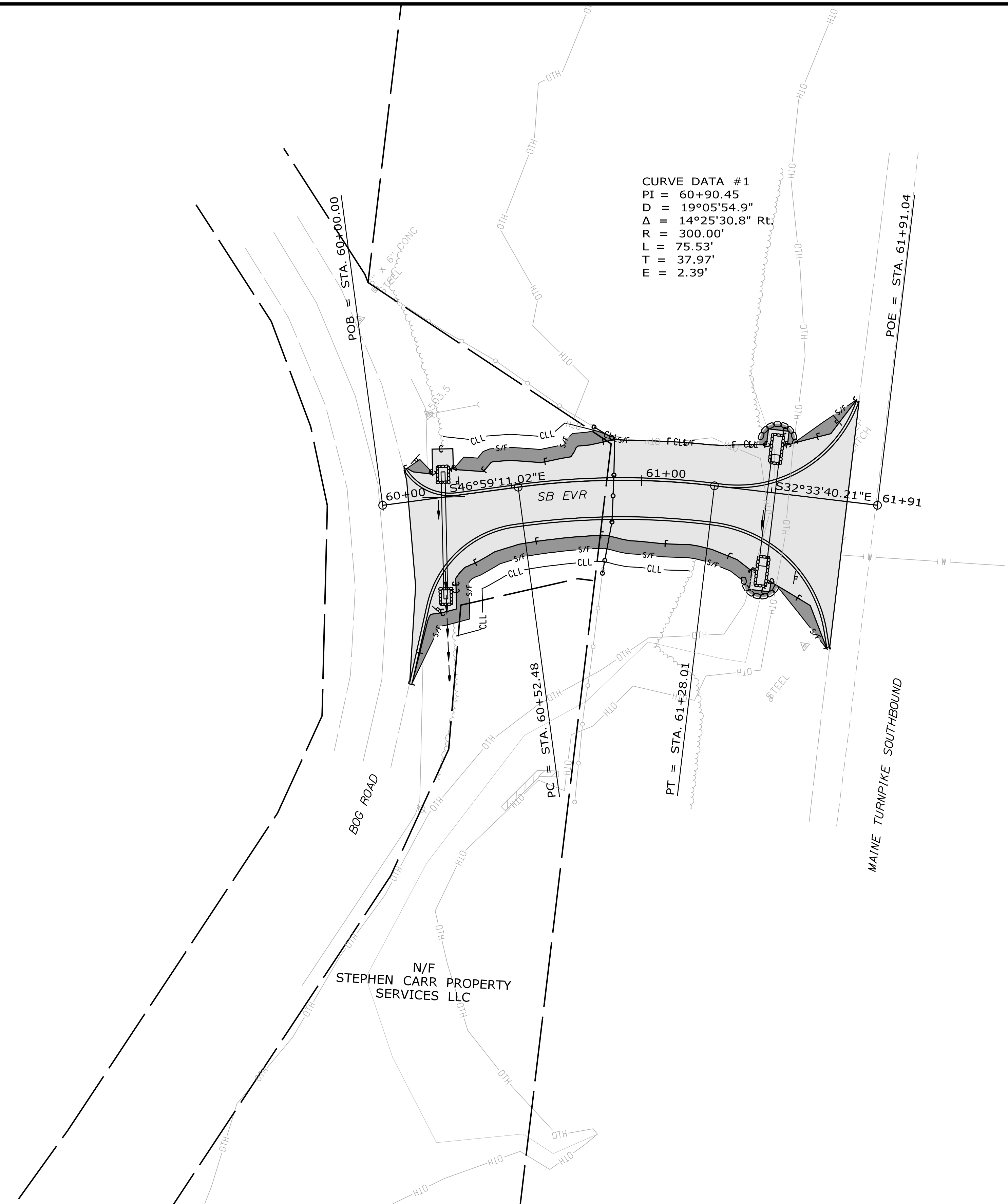
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 D = 19°05'54.9"  
 Δ = 14°25'30.8" Rt.  
 R = 300.00'  
 L = 75.53'  
 T = 37.97'  
 E = 2.39'

**NOTES:**

1. ALL WORK MUST BE COMPLETED WITHOUT IMPACTING WETLANDS BEYOND WHAT IS SHOWN IN THESE PLANS. ANY ADDITIONAL DISTURBANCE TO EXISTING WETLANDS SHALL BE REPORTED IMMEDIATELY TO THE RESIDENT. ANY CORRECTIVE ACTIONS OR DELAYS RESULTING FROM ENVIRONMENTAL NON-COMPLIANCE SHALL BE AT THE SOLE COST OF THE CONTRACTOR.
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3. SEE SPECIFICATIONS FOR CONTRACTOR'S SUBMITTAL REQUIREMENTS IF ADDING ADDITIONAL LIMITS OF DISTURBANCE TO THE PROJECT ESTIMATED QUANTITIES.
4. AN ADDITIONAL 3.0 ACRES (0.5 ACRE PER RAMP) HAS BEEN ESTIMATED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS.

**KEY**

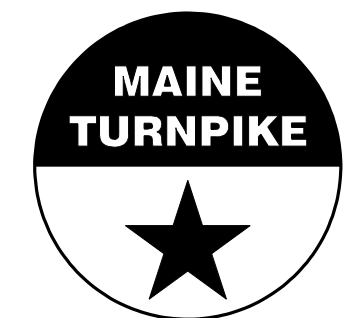
- TEMPORARY IMPACTS = 1344 SF / 0.031 AC
  - PERMANENT IMPACTS = 7625 SF / 0.175 AC
- TOTAL IMPACTS (INCLUDING 0.5 ACRE LAYDOWN) = 30749 SF / 0.706 AC



Designed by:



VANASSE HANGEN BRUSTLIN, INC.  
 500 Southborough Dr.  
 Suite 105B  
 South Portland, ME 04106  
 TEL (207) 889-3150  
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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

EMERGENCY VEHICLE RAMP  
 CIDER HILL ROAD - SOUTHBOUND  
 DISTURBANCE IMPACT PLAN (2 OF 5)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

MTA PROJECT MANAGER: Ralph Norwood, IV

**NOTES:**

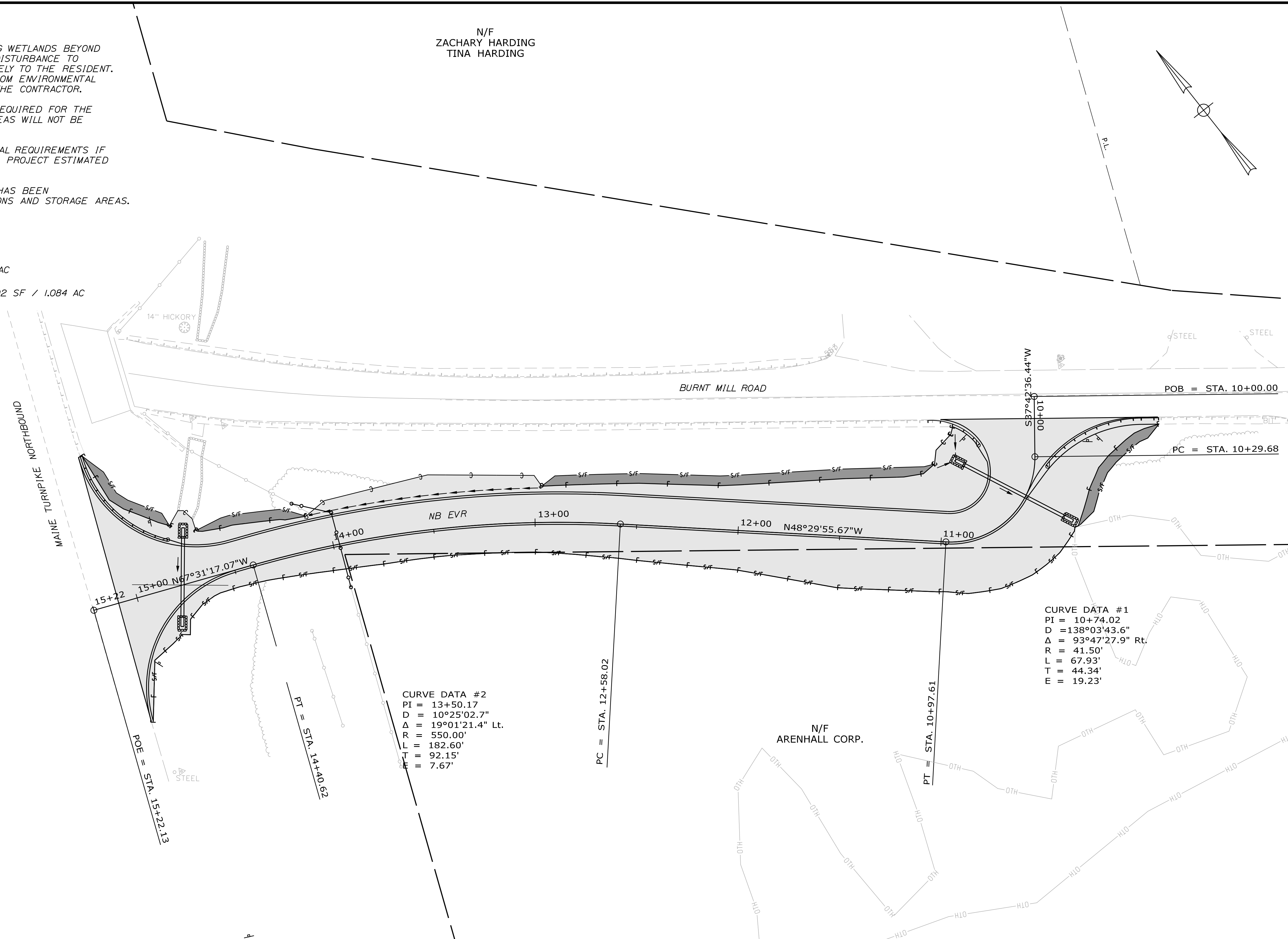
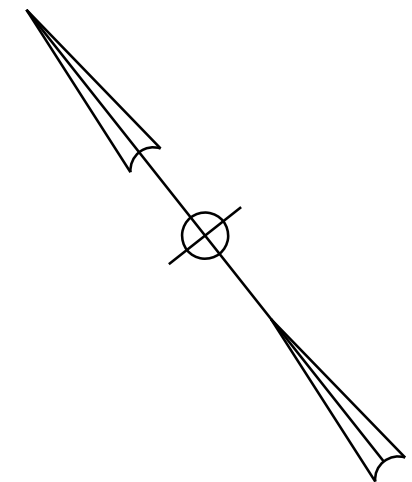
1. ALL WORK MUST BE COMPLETED WITHOUT IMPACTING WETLANDS BEYOND WHAT IS SHOWN IN THESE PLANS. ANY ADDITIONAL DISTURBANCE TO EXISTING WETLANDS SHALL BE REPORTED IMMEDIATELY TO THE RESIDENT. ANY CORRECTIVE ACTIONS OR DELAYS RESULTING FROM ENVIRONMENTAL NON-COMPLIANCE SHALL BE AT THE SOLE COST OF THE CONTRACTOR.
2. EROSION AND SEDIMENTATION CONTROL DEVICES REQUIRED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS WILL NOT BE MEASURED FOR PAYMENT.
3. SEE SPECIFICATIONS FOR CONTRACTOR'S SUBMITTAL REQUIREMENTS IF ADDING ADDITIONAL LIMITS OF DISTURBANCE TO THE PROJECT ESTIMATED QUANTITIES.
4. AN ADDITIONAL 3.0 ACRES (0.5 ACRE PER RAMP) HAS BEEN ESTIMATED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS.

**KEY**

- TEMPORARY IMPACTS = 1620 SF / 0.037 AC
- PERMANENT IMPACTS = 23829 SF / 0.547 AC

TOTAL IMPACTS (INCLUDING 0.5 ACRE LAYDOWN) = 49102 SF / 1.084 AC

N/F  
ZACHARY HARDING  
TINA HARDING




Date: 3/26/2020

Filename: ... \022\_DisturbancePlan\_BurntMillRD\_NB.dgn

Scale: 25 0 25 50 1" = 25' - 0"			
No.	Revision	By	Date

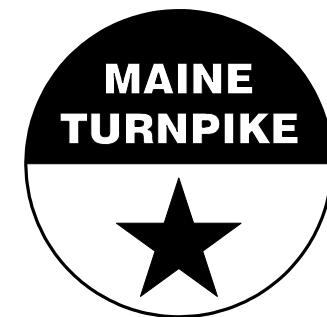
Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

By	Date	By	Date
Designed	AGC 2/2020	Checked	ECF 2/2020
Drawn	BMD 2/2020	In Charge of	AG 2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

**EMERGENCY VEHICLE RAMPS  
BURNT MILL ROAD - NORTHBOUND  
DISTURBANCE IMPACT PLAN (3 OF 5)**

VHB: 55281.00      SHEET NUMBER: 22  
CONTRACT: 2020.06      22 OF 49

**NOTES:**

1. ALL WORK MUST BE COMPLETED WITHOUT IMPACTING WETLANDS BEYOND WHAT IS SHOWN IN THESE PLANS. ANY ADDITIONAL DISTURBANCE TO EXISTING WETLANDS SHALL BE REPORTED IMMEDIATELY TO THE RESIDENT. ANY CORRECTIVE ACTIONS OR DELAYS RESULTING FROM ENVIRONMENTAL NON-COMPLIANCE SHALL BE AT THE SOLE COST OF THE CONTRACTOR.

2. EROSION AND SEDIMENTATION CONTROL DEVICES REQUIRED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS WILL NOT BE MEASURED FOR PAYMENT.

3. SEE SPECIFICATIONS FOR CONTRACTOR'S SUBMITTAL REQUIREMENTS IF ADDING ADDITIONAL LIMITS OF DISTURBANCE TO THE PROJECT ESTIMATED QUANTITIES.

4. AN ADDITIONAL 3.0 ACRES (0.5 ACRE PER RAMP) HAS BEEN ESTIMATED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS.

**KEY**

TEMPORARY IMPACTS = 2062 SF / 0.047 AC

PERMANENT IMPACTS = 12597 SF / 0.289 AC

TOTAL IMPACTS (INCLUDING 0.5 ACRE LAYDOWN) = 36439 SF / 0.837 AC

**CURVE DATA #2**  
 PI = 22+49.98  
 D = 88°08'50.5"  
 Δ = 48°47'10.1" Lt.  
 R = 65.00'  
 L = 55.35'  
 T = 29.48'  
 E = 6.37'

**CURVE DATA #1**  
 PI = 21+00.32  
 D = 112°20'40.8"  
 Δ = 87°20'15.9" Rt.  
 R = 51.00'  
 L = 77.74'  
 T = 48.68'  
 E = 19.51'

N/F  
 ARCHIE G. STEVENS  
 JULIE A. STEVENS

N/F  
 MAINE TURNPIKE  
 AUTHORITY

N/F  
 WAYNE C. KING  
 SHARON A. KING

N/F  
 SHARON A. KING


Date: 3/26/2020

Filename: ...023\_DisturbancePlan\_BurntMillRd\_SB.dgn

Scale: 25 0 25 50  
 1" = 25' - 0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

**EMERGENCY VEHICLE RAMPS  
 BURNT MILL ROAD - SOUTHBOUND  
 DISTURBANCE IMPACT PLAN (4 OF 5)**

VHB: 55281.00 SHEET NUMBER: 23  
 CONTRACT: 2020.06 23 OF 49

Date: 3/26/2020

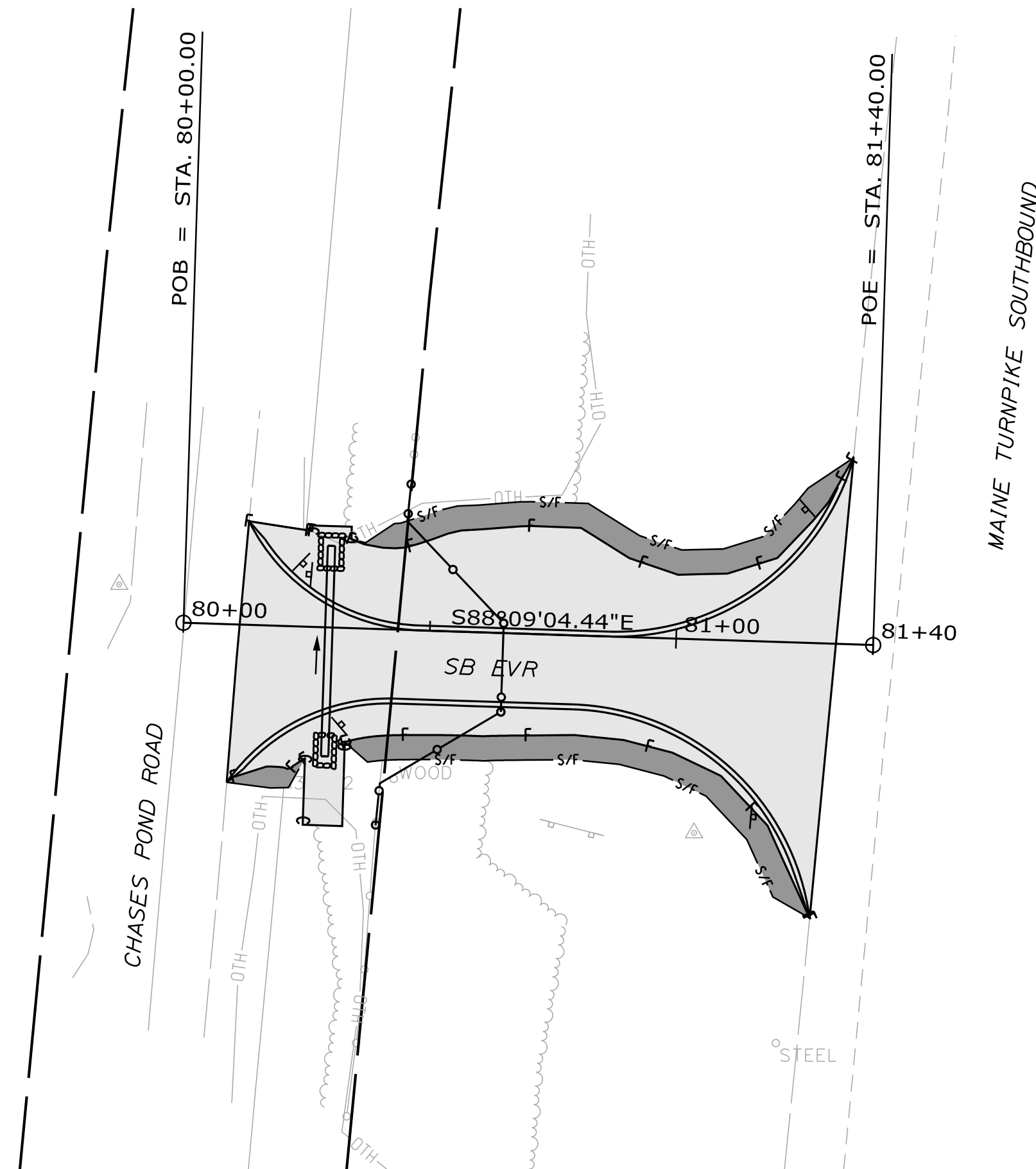
Filename: ...024\_DisturbancePlan\_MountainRd\_NB-SB.dgn

**KEY SOUTHBOUND EVR**

TEMPORARY IMPACTS = 1073 SF / 0.025 AC

PERMANENT IMPACTS = 5573 SF / 0.128 AC

TOTAL IMPACTS (INCLUDING 0.5 ACRE LAYDOWN) = 28426 SF / 0.653 AC

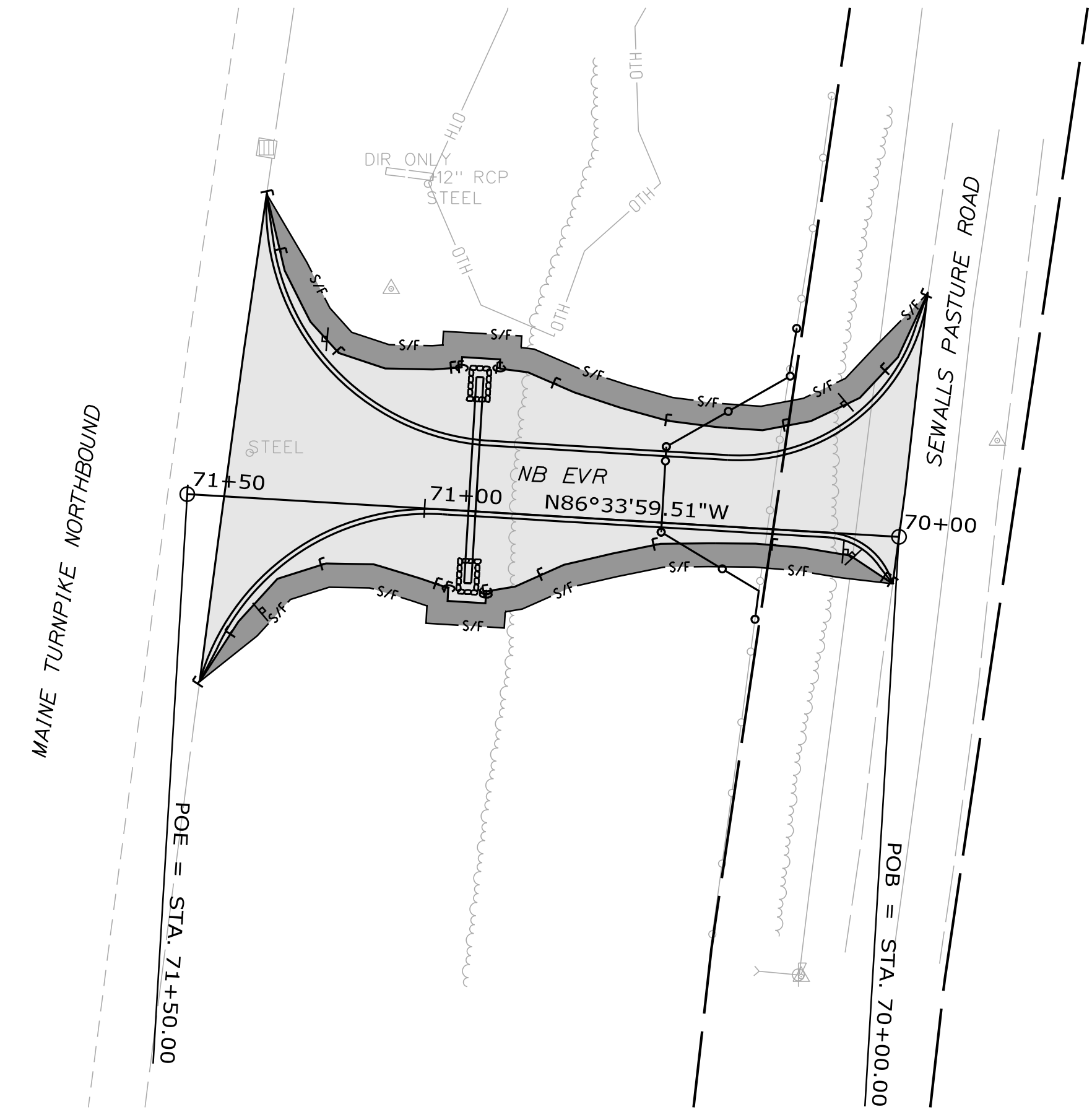


**KEY NORTHBOUND EVR**

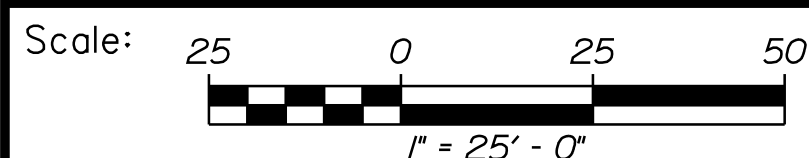
TEMPORARY IMPACTS = 1544 SF / 0.035 AC

PERMANENT IMPACTS = 5787 SF / 0.133 AC

TOTAL IMPACTS (INCLUDING 0.5 ACRE LAYDOWN) = 29111 SF / 0.668 AC



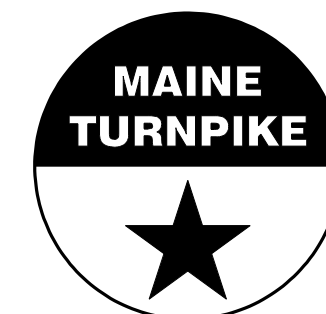
- NOTES:**
1. ALL WORK MUST BE COMPLETED WITHOUT IMPACTING WETLANDS BEYOND WHAT IS SHOWN IN THESE PLANS. ANY ADDITIONAL DISTURBANCE TO EXISTING WETLANDS SHALL BE REPORTED IMMEDIATELY TO THE RESIDENT. ANY CORRECTIVE ACTIONS OR DELAYS RESULTING FROM ENVIRONMENTAL NON-COMPLIANCE SHALL BE AT THE SOLE COST OF THE CONTRACTOR.
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  4. AN ADDITIONAL 3.0 ACRES (0.5 ACRE PER RAMP) HAS BEEN ESTIMATED FOR THE CONTRACTOR'S ACCESS LOCATIONS AND STORAGE AREAS.



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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

**EMERGENCY VEHICLE RAMPS  
 MOUNTAIN ROAD  
 DISTURBANCE IMPACT PLAN (5 OF 5)**

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

MTA PROJECT MANAGER: Ralph Norwood, IV

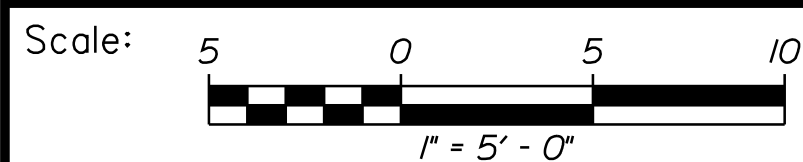
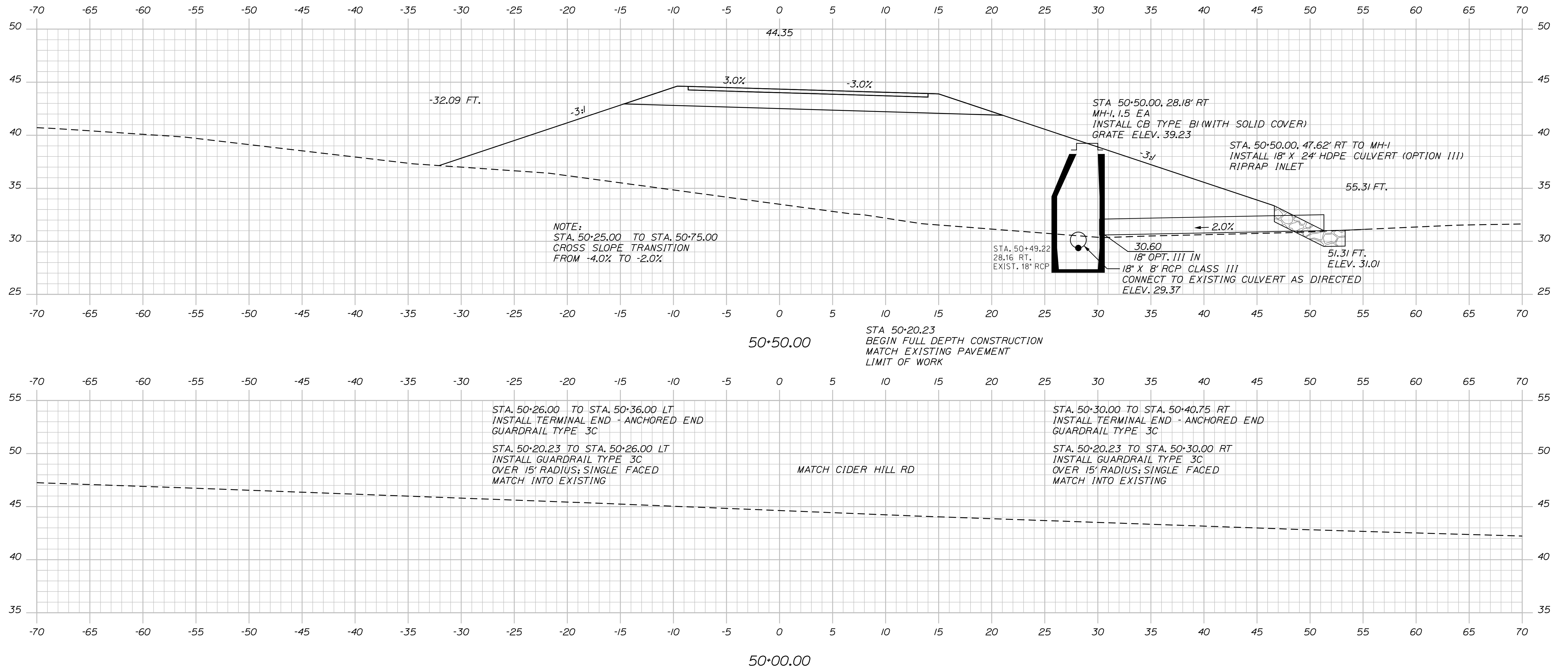
VHB: 55281.00  
 CONTRACT: 2020.06

SHEET NUMBER: 24  
 24 OF 49



Date: 3/26/2020

Filename: ...025\_XSect\_CiderHillRd\_NB\_1.dgn



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THE GOLD STAR  
 MEMORIAL HIGHWAY

CIDER HILL ROAD  
 EMERGENCY VEHICLE RAMPS  
 NORTHBOUND CROSS SECTIONS  
 Sta. 50+00.00 to Sta. 50+50.00

No.	Revision	By	Date

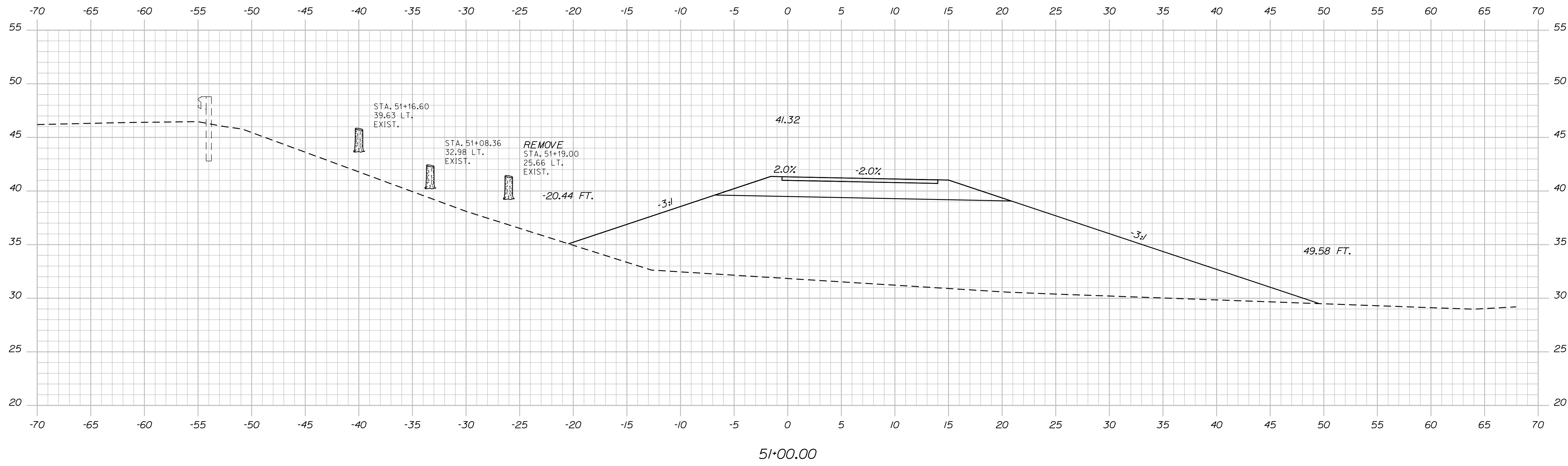
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

MTA PROJECT MANAGER: Ralph Norwood, IV

VHB: 55281.00 SHEET NUMBER: 25  
 CONTRACT: 2020.06 25 OF 49

Date: 3/26/2020


Filename: ...026\_XSect\_CiderHillRd\_NB\_2.dgn



Scale: 5 0 5 10  
1" = 5' - 0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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South Portland, ME 04106  
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FAX (207) 253-5596



**THE GOLD STAR  
MEMORIAL HIGHWAY**

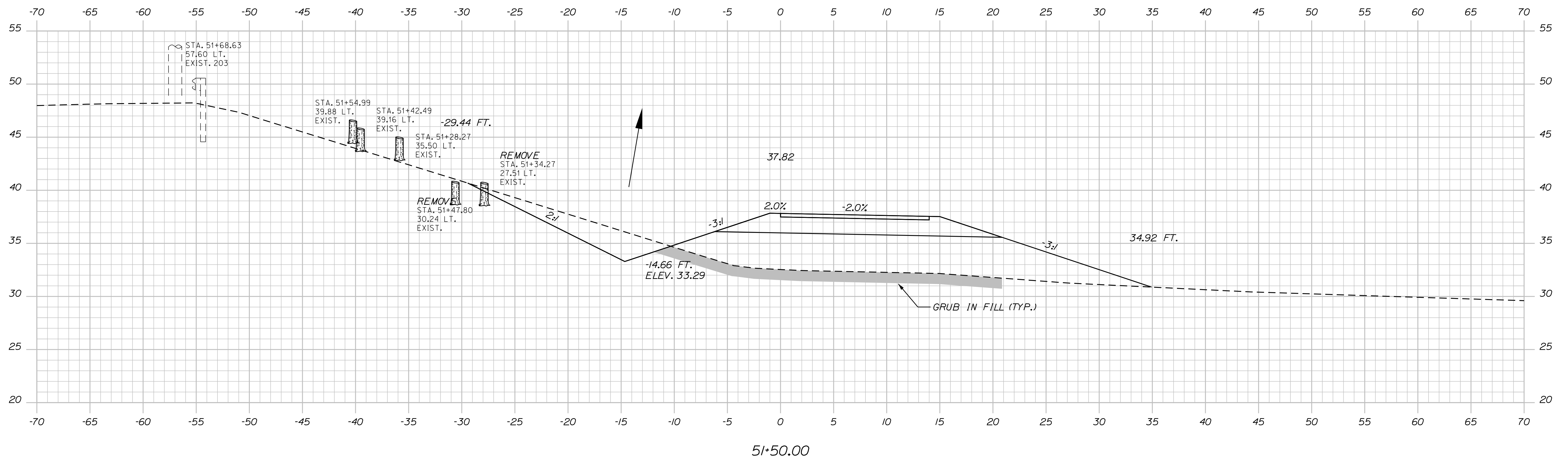
MTA PROJECT MANAGER: Ralph Norwood, IV

CIDER HILL ROAD  
EMERGENCY VEHICLE RAMPS  
NORTHBOUND CROSS SECTIONS  
Sta. 51+00.00

VHB: 55281.00 SHEET NUMBER: 26  
CONTRACT: 2020.06 26 OF 49

Date: 3/26/2020


Filename: ...027\_XSect\_CiderHillRd\_NB\_3.dgn



Scale: 5 0 5 0  
1" = 5' - 0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

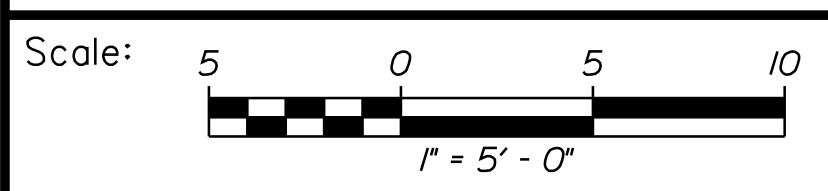
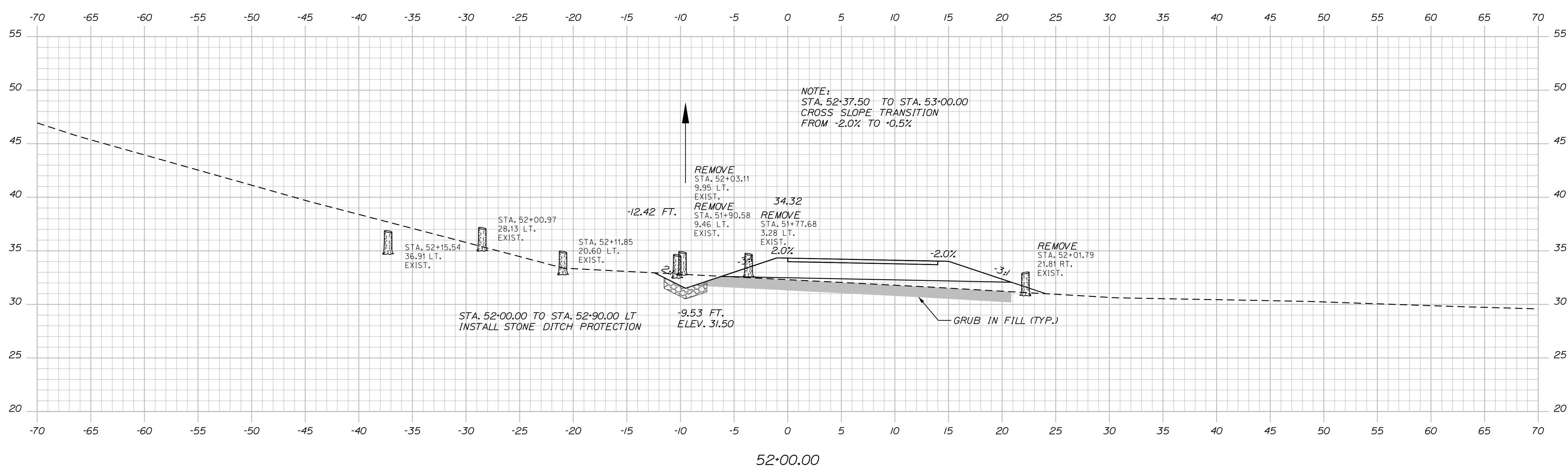
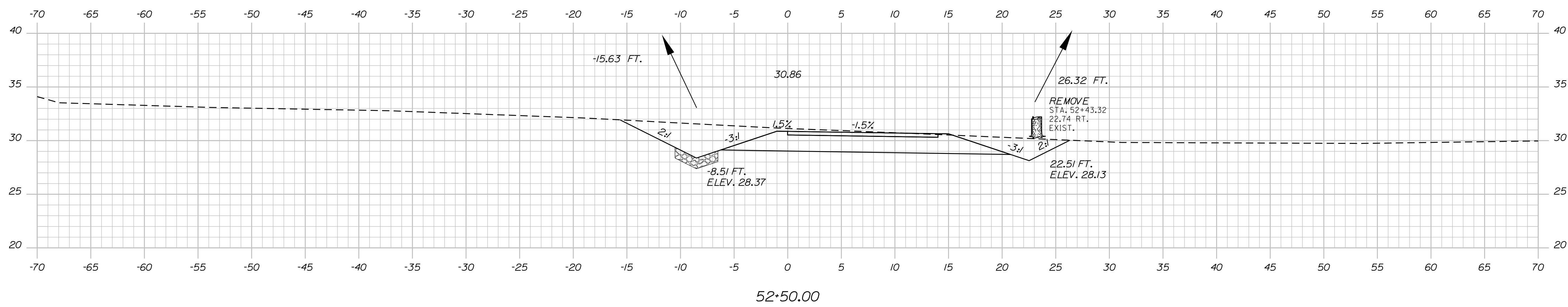
CIDER HILL ROAD  
EMERGENCY VEHICLE RAMPS  
NORTHBOUND CROSS SECTIONS  
Sta. 51+50.00

VHB: 55281.00  
CONTRACT: 2020.06


SHEET NUMBER: 27  
27 OF 49

Date: 3/26/2020

Filename: ...028\_XSect\_CiderHillRd\_NB\_4.dgn



Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

No.	Revision	By	Date

	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

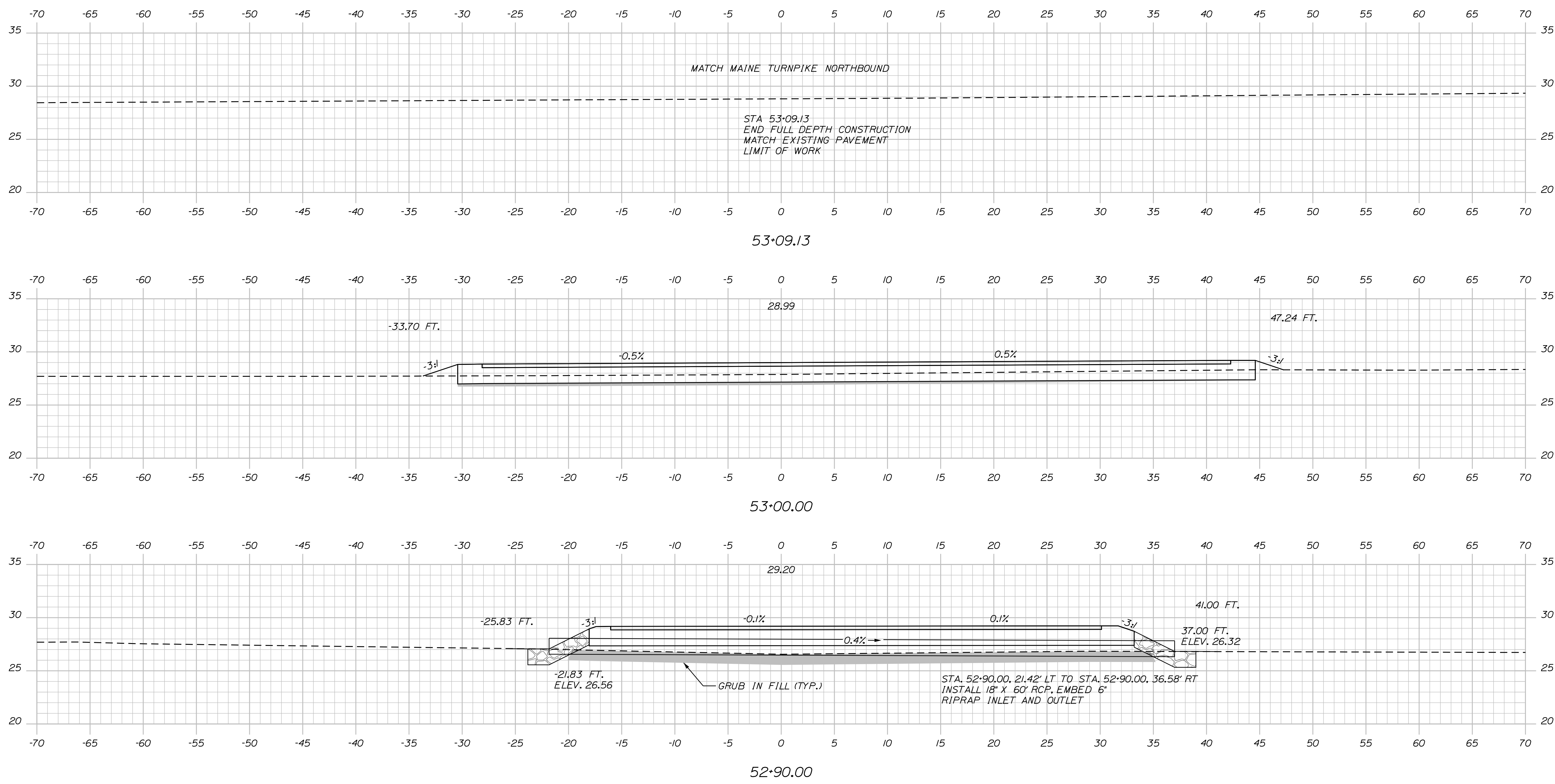
MTA PROJECT MANAGER: Ralph Norwood, IV

CIDER HILL ROAD  
 EMERGENCY VEHICLE RAMPS  
 NORTHBOUND CROSS SECTIONS  
 Sta. 52+00.00 to Sta. 52+50.00

VHB: 55281.00 SHEET NUMBER: 28  
 CONTRACT: 2020.06 28 OF 49

Date: 3/26/2020


Filename: ...029\_XSect\_CiderHillRd\_NB\_5.dgn



Scale: 5 0 5 10  
1" = 5' - 0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

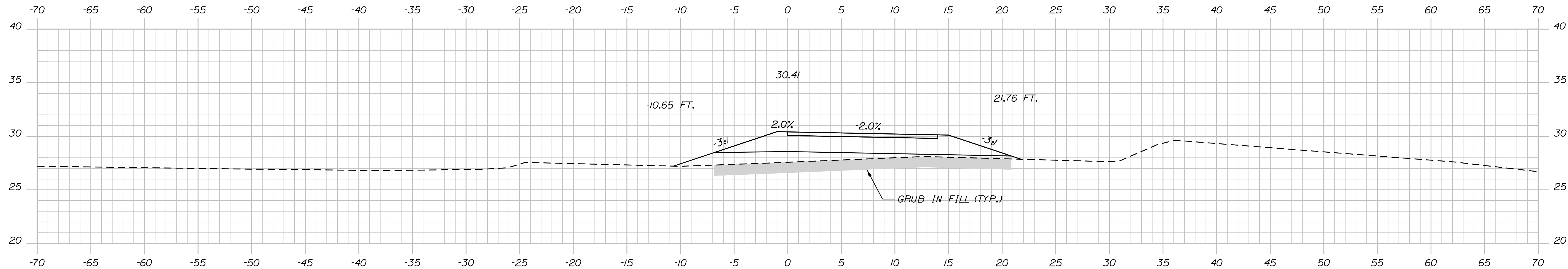
CIDER HILL ROAD  
EMERGENCY VEHICLE RAMPS  
NORTHBOUND CROSS SECTIONS  
Sta. 52+90.00 to Sta. 53+09.13

VHB: 55281.00  
CONTRACT: 2020.06

SHEET NUMBER: 29  
29 OF 49

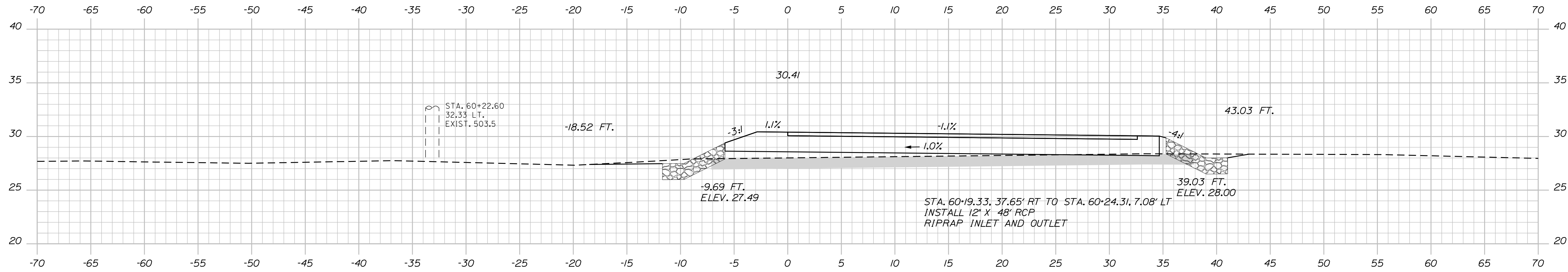
Date: 3/26/2020

Filename: ...030\_XSect\_CiderHillRd\_SB\_1.dgn



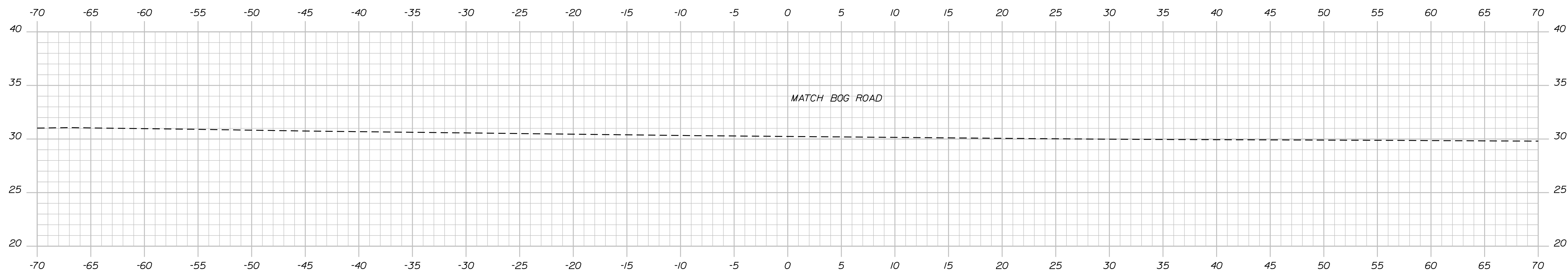
60+50.00

NOTE:  
STA. 60+25.00 TO STA. 60+50.00  
CROSS SLOPE TRANSITION  
FROM -1.0% TO -2.0%



60+20.60 (SKEWED ALONG PIPE)

STA. 60+19.33, 37.65' RT TO STA. 60+24.31, 7.08' LT  
INSTALL 12' X 48' RCP  
RIPRAP INLET AND OUTLET




60+00.00

Scale: 1" = 5'-0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

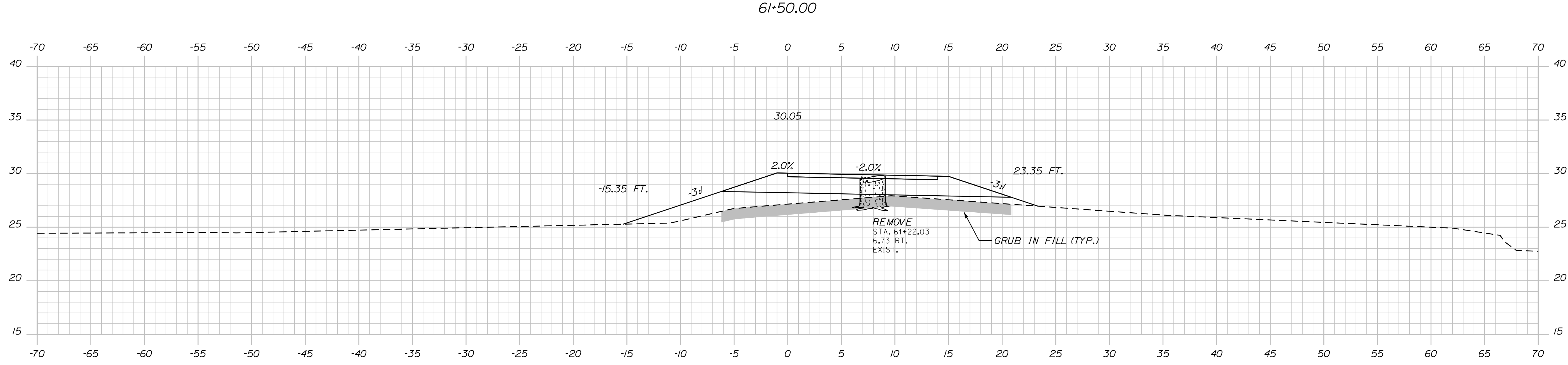
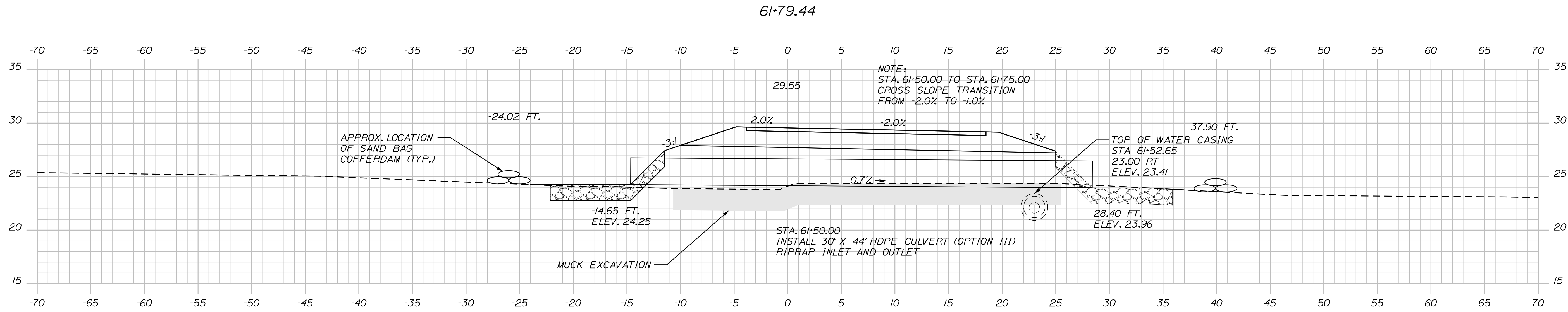
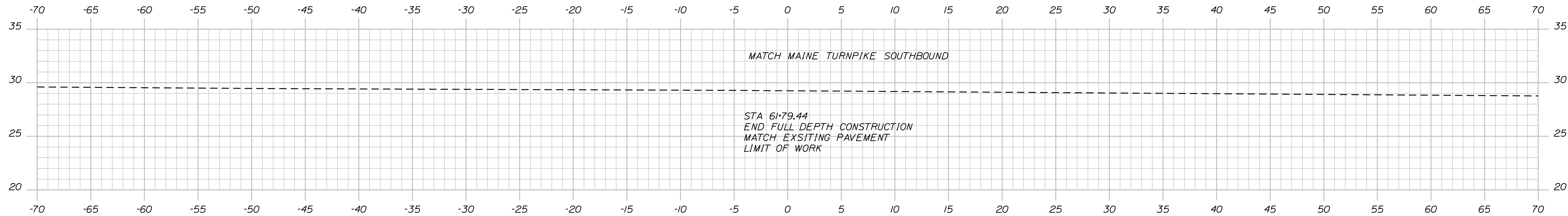
CIDER HILL ROAD  
EMERGENCY VEHICLE RAMPS  
SOUTHBOUND CROSS SECTIONS  
Sta. 60+00.00 to Sta. 60+50.00

VHB: 55281.00  
CONTRACT: 2020.06

SHEET NUMBER: 30  
30 OF 49

Date: 3/26/2020


Filename: ...031\_xSect\_CiderHillRd\_SB\_2.dgn



Scale: 5 0 5 10  
1" = 5' - 0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

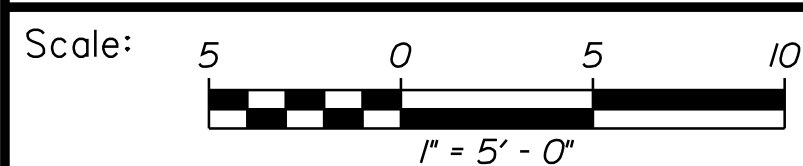
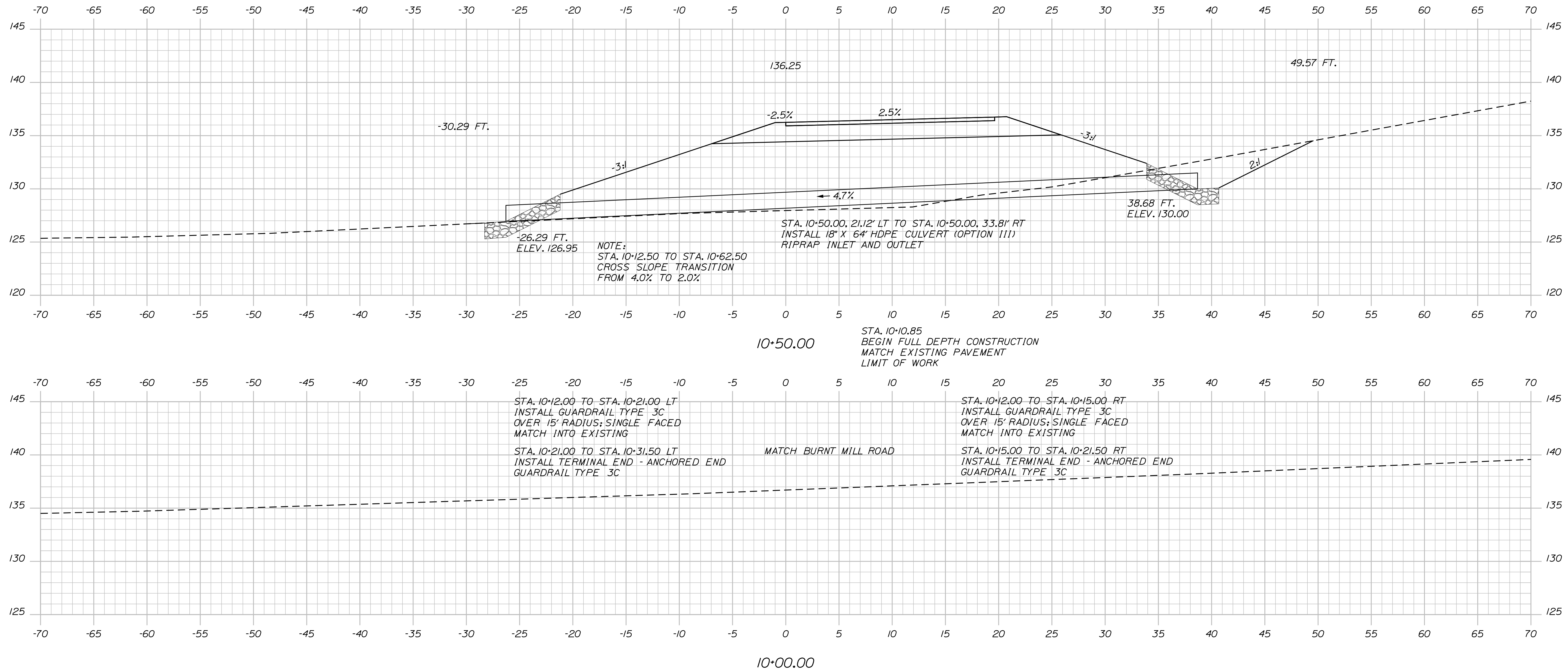
CIDER HILL ROAD  
EMERGENCY VEHICLE RAMPS  
SOUTHBOUND CROSS SECTIONS  
Sta. 61+00.00 to Sta. 61+79.44

VHB: 55281.00  
CONTRACT: 2020.06

SHEET NUMBER: 31  
31 OF 49

Date: 3/26/2020

Filename: ...032\_XSect\_BurntMillRd\_NB\_1.dgn



Designed by:



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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

**BURNT MILL ROAD  
 EMERGENCY VEHICLE RAMPS  
 NORTHBOUND CROSS SECTIONS  
 Sta. 10+00.00 to Sta. 10+50.00**

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

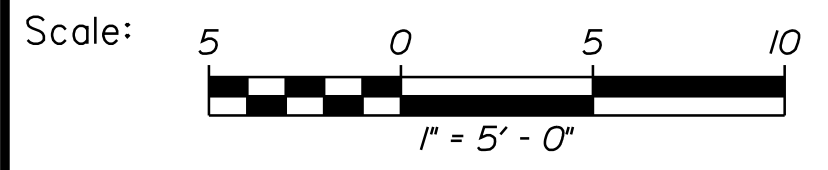
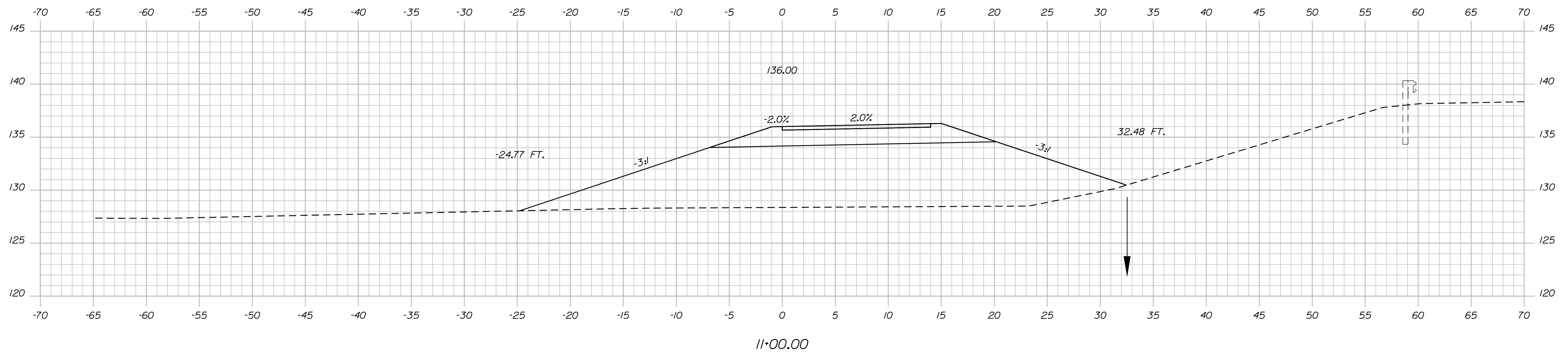
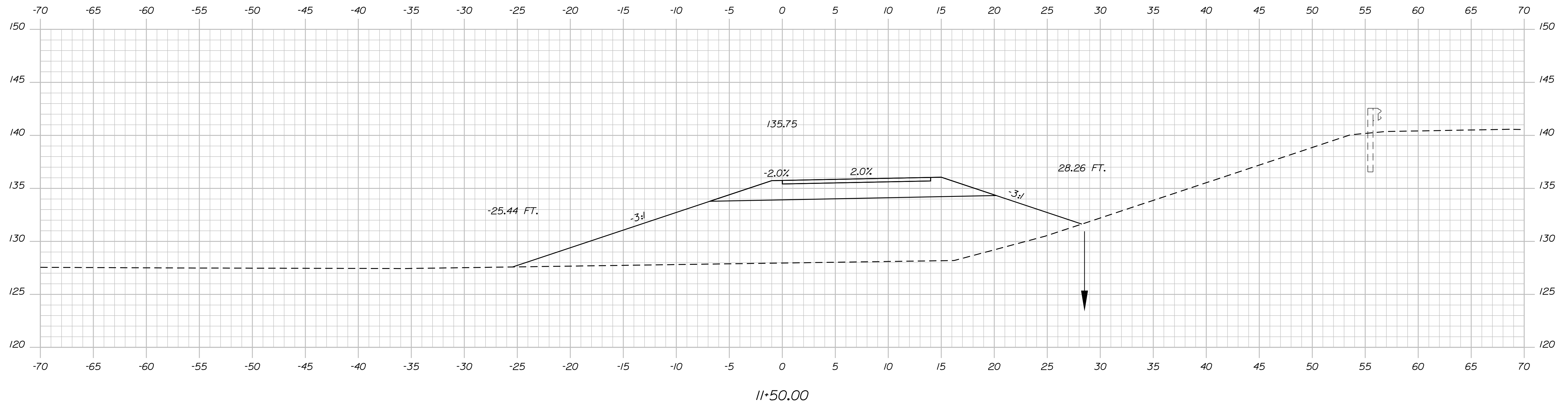
VHB: 55281.00 SHEET NUMBER: 32  
 CONTRACT: 2020.06 32 OF 49

MTA PROJECT MANAGER: Ralph Norwood, IV




Date: 3/26/2020

Filename: ...033\_XSect\_BurntMillRd\_NB\_2.dgn



Designed by:



No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

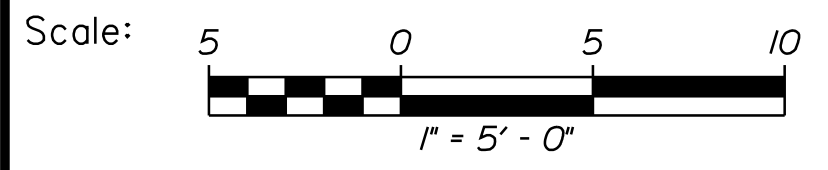
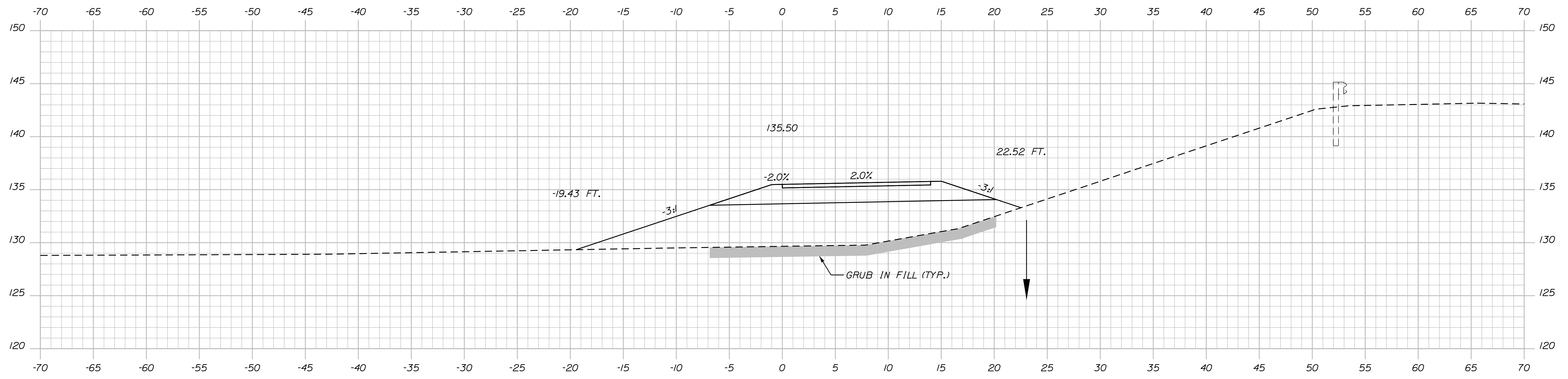
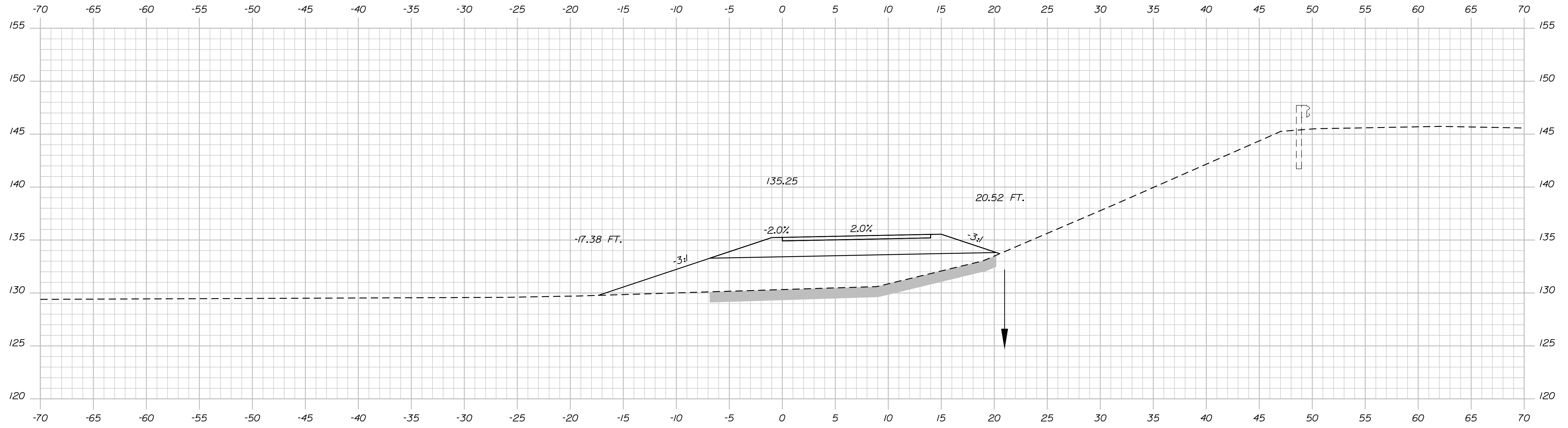
**BURNT MILL ROAD  
EMERGENCY VEHICLE RAMPS  
NORTHBOUND CROSS SECTIONS**  
 Sta. 11+00.00 to Sta. 11+50.00

VHB: 55281.00  
 CONTRACT: 2020.06


SHEET NUMBER: 33  
 33 OF 49

Date: 3/26/2020

Filename: ...034\_XSect\_BurntMillRd\_NB\_3.dgn



Designed by:



No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	ECF	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

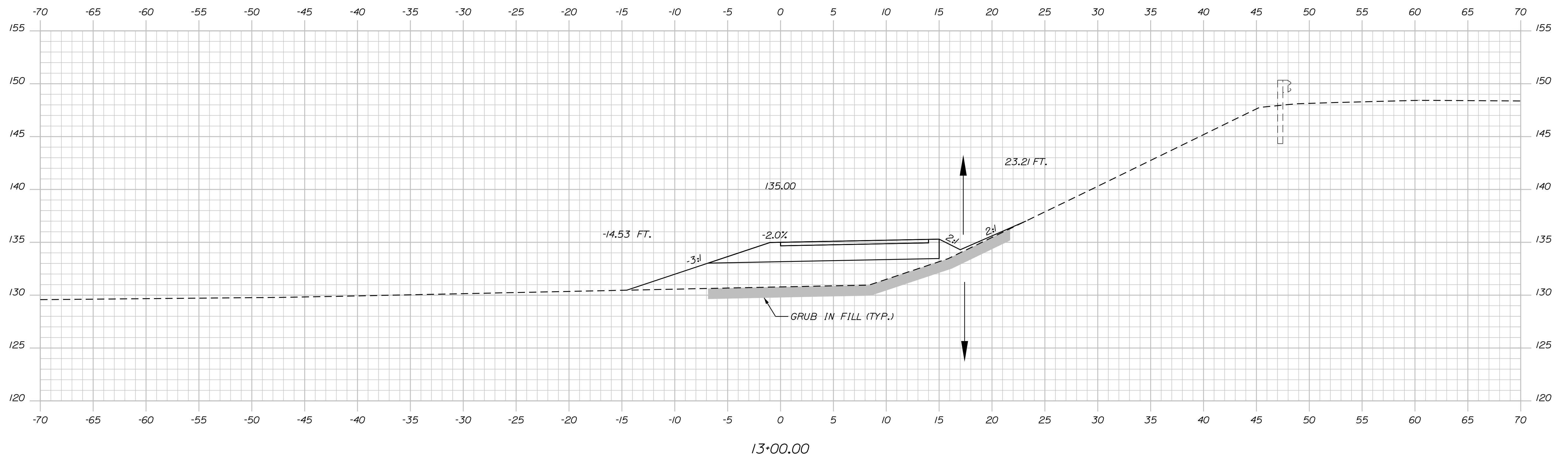
BURNT MILL ROAD  
 EMERGENCY VEHICLE RAMPS  
 NORTHBOUND CROSS SECTIONS  
 Sta. 12+00.00 to Sta. 12+50.00

VHB: 55281.00  
 CONTRACT: 2020.06

SHEET NUMBER: 34  
 34 OF 49

Date: 3/26/2020


Filename: ...035...Xsect\_BurntMillRd\_NB\_4.dgn



Scale: 5 0 5 10  
1" = 5' - 0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

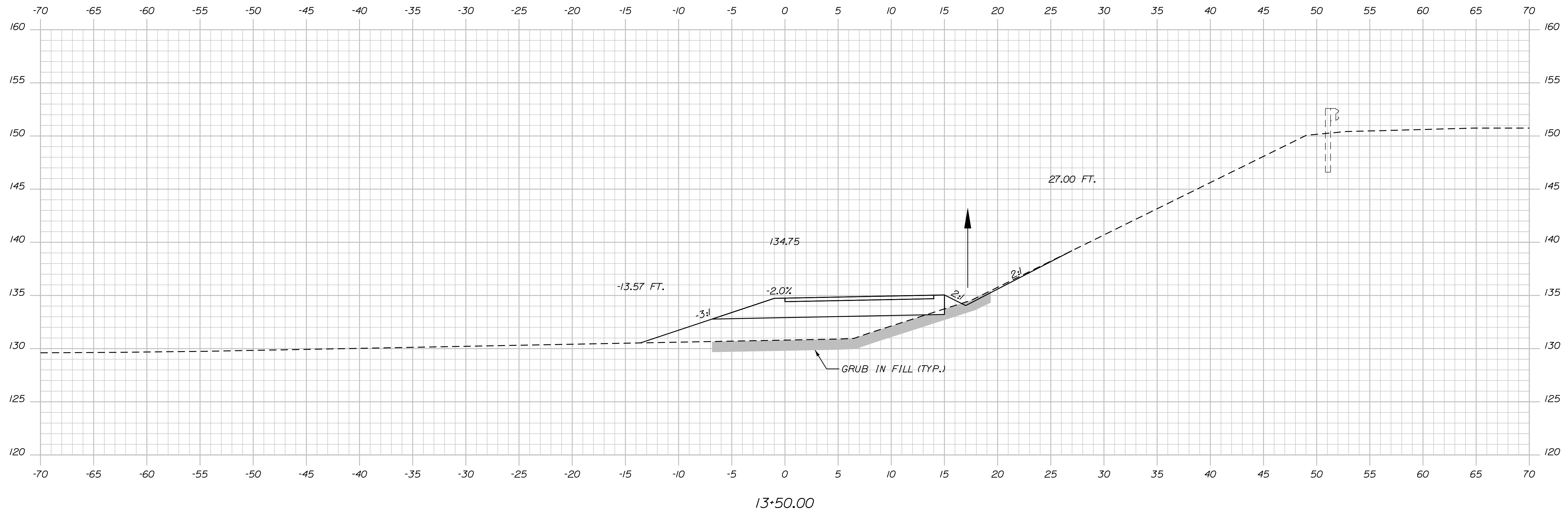
BURNT MILL ROAD  
EMERGENCY VEHICLE RAMPS  
NORTHBOUND CROSS SECTIONS  
Sta. 13+00.00

VHB: 55281.00  
CONTRACT: 2020.06

SHEET NUMBER: 35  
35 OF 49

Date: 3/26/2020


Filename: ...036\_XSect\_BurntMillRd\_NB\_5.dgn



Scale: 5 0 5 10  
1" = 5' - 0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

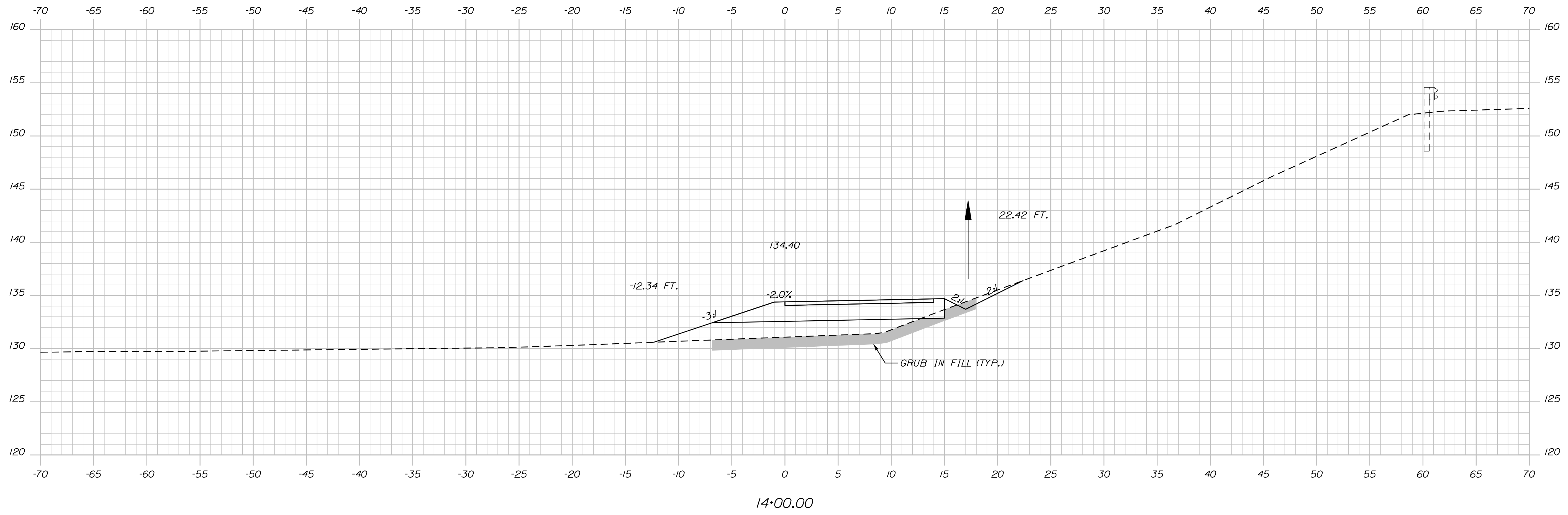
**BURNT MILL ROAD  
EMERGENCY VEHICLE RAMPS  
NORTHBOUND CROSS SECTIONS**

Sta. 13+50.00

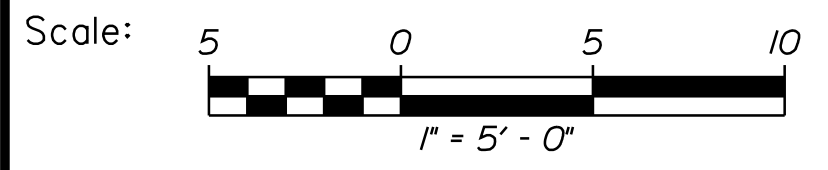
VHB: 55281.00 SHEET NUMBER: 36  
CONTRACT: 2020.06 36 OF 49

Date: 3/26/2020

Filename: ...037\_XSect\_BurntMillRd\_NB.dgn



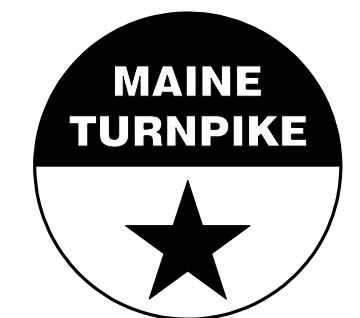
14+00.00



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**THE GOLD STAR  
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BURNT MILL ROAD  
 EMERGENCY VEHICLE RAMPS  
 NORTHBOUND CROSS SECTIONS

Sta. 14+00.00

No.	Revision	By	Date

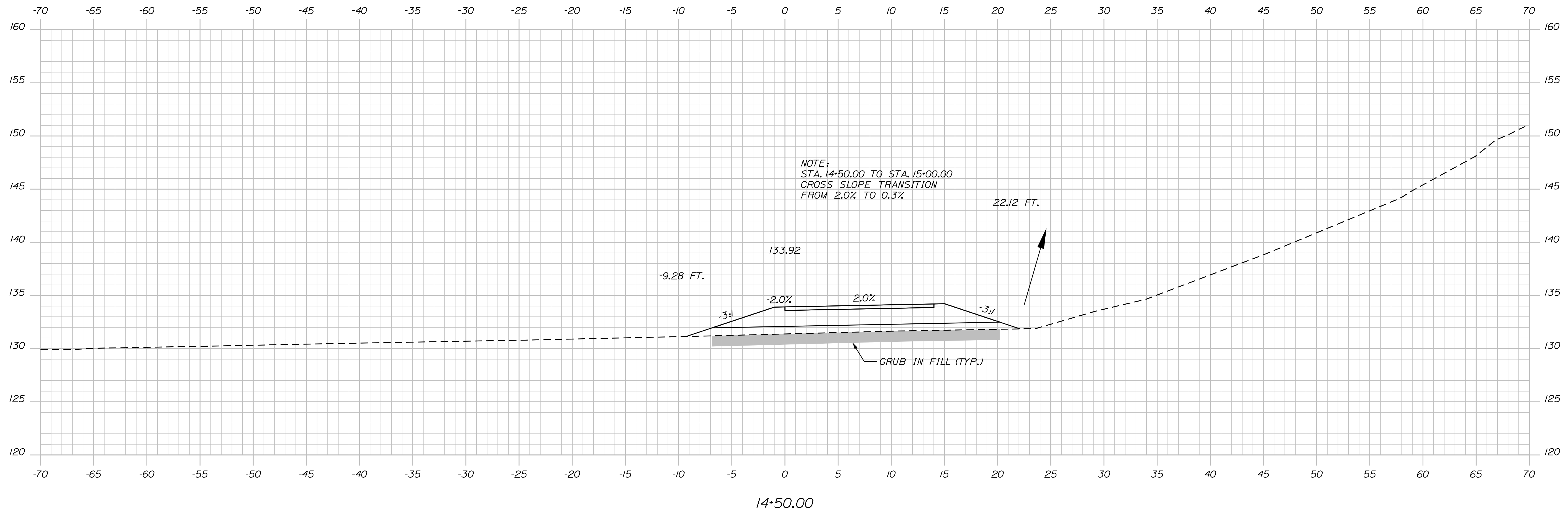
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

VHB: 55281.00  
 CONTRACT: 2020.06  
 SHEET NUMBER: 37  
 37 OF 49

MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/26/2020


Filename: ...038...Xsect\_BurntMillRd\_NB\_7.dgn



Scale: 5 0 5 10  
1" = 5' - 0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	ECF	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

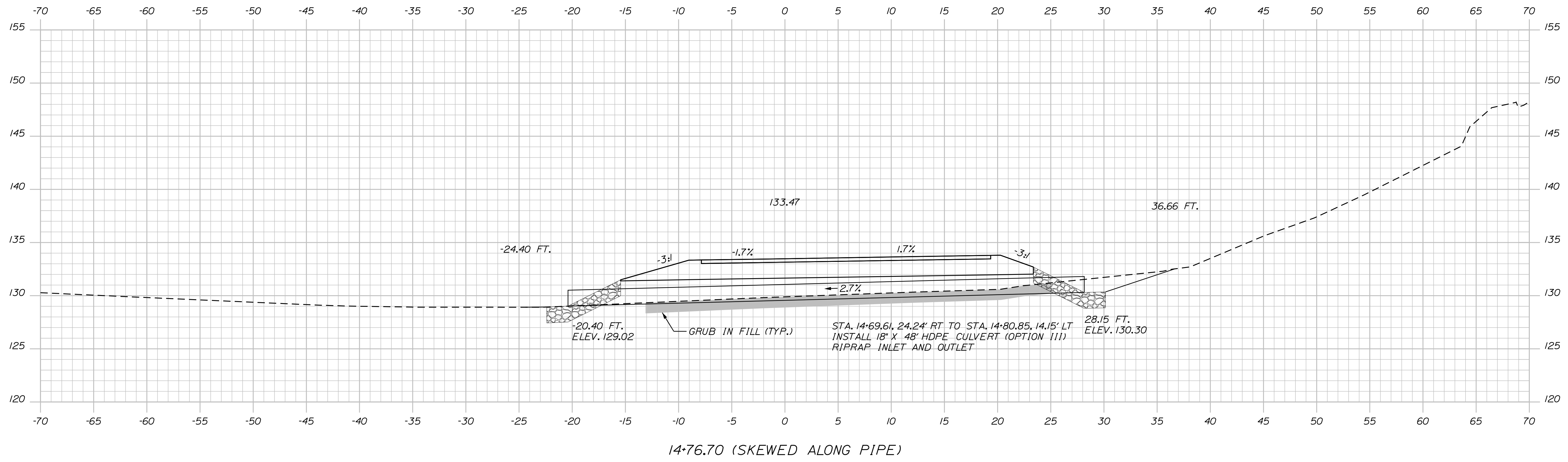
BURNT MILL ROAD  
EMERGENCY VEHICLE RAMPS  
NORTHBOUND CROSS SECTIONS  
Sta. 14+50.00

VHB: 55281.00  
CONTRACT: 2020.06

SHEET NUMBER: 38  
38 OF 49

Date: 3/26/2020


Filename: ...039\_XSect\_BurntMillRd\_NB\_8.dgn



Scale: 1" = 5'-0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

**BURNT MILL ROAD  
EMERGENCY VEHICLE RAMPS  
NORTHBOUND CROSS SECTIONS**

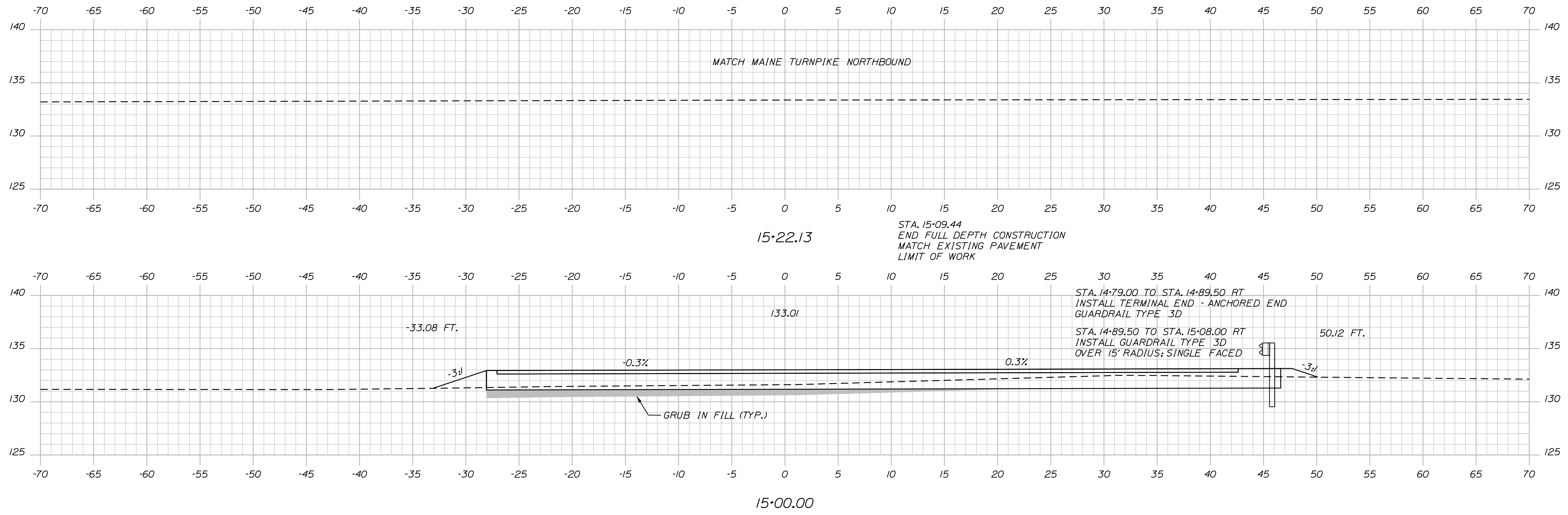
Sta. 14+76.70

VHB: 55281.00  
 CONTRACT: 2020.06

SHEET NUMBER: 39  
39 OF 49

Date: 3/26/2020


Filename: ...040\_XSect\_BurntMillRd\_NB\_9.dgn



Scale: 5 0 5 10  
1" = 5' - 0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

**BURNT MILL ROAD  
EMERGENCY VEHICLE RAMPS  
NORTHBOUND CROSS SECTIONS  
Sta. 15+00.00 to Sta. 15+22.13**

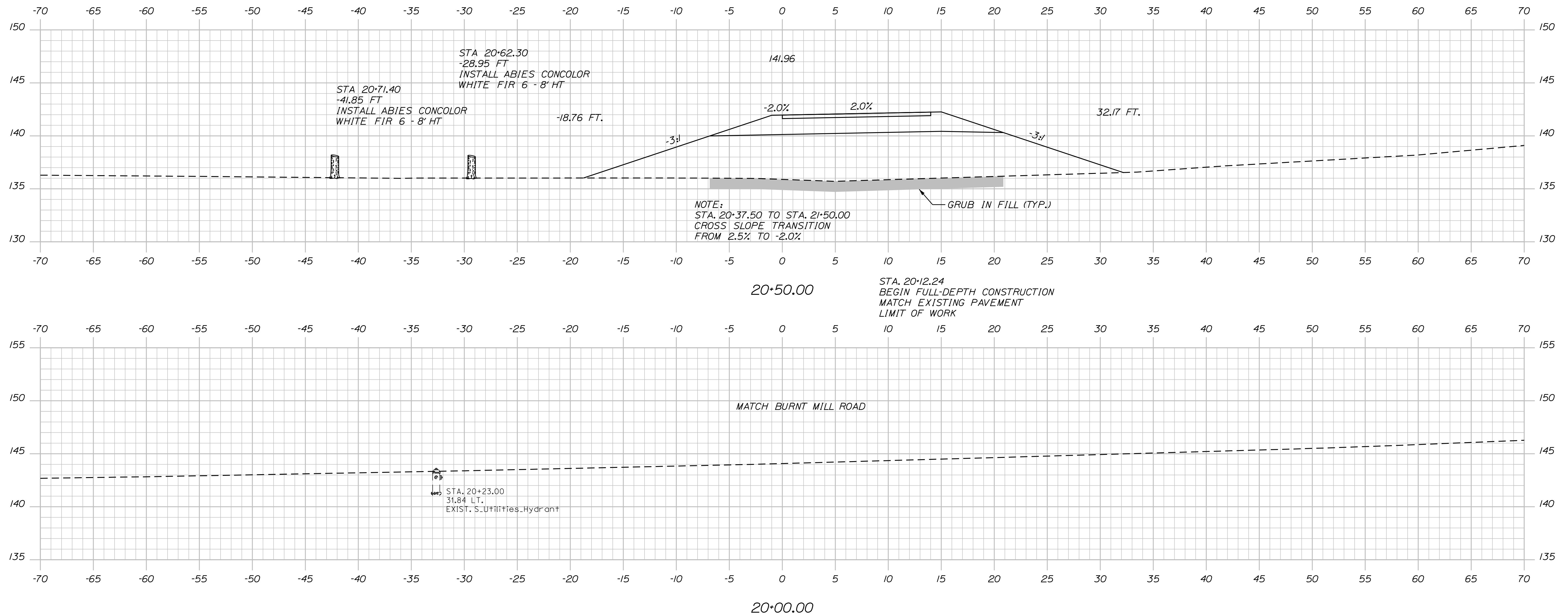
VHB: 55281.00  
CONTRACT: 2020.06

SHEET NUMBER: 40  
40 OF 49



Date: 3/26/2020


Filename: ...041\_XSect\_BurntMillRd\_SB\_1.dgn



Scale: 5 0 5 10  
1" = 5' - 0"

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

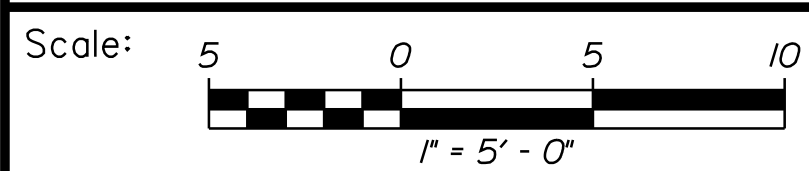
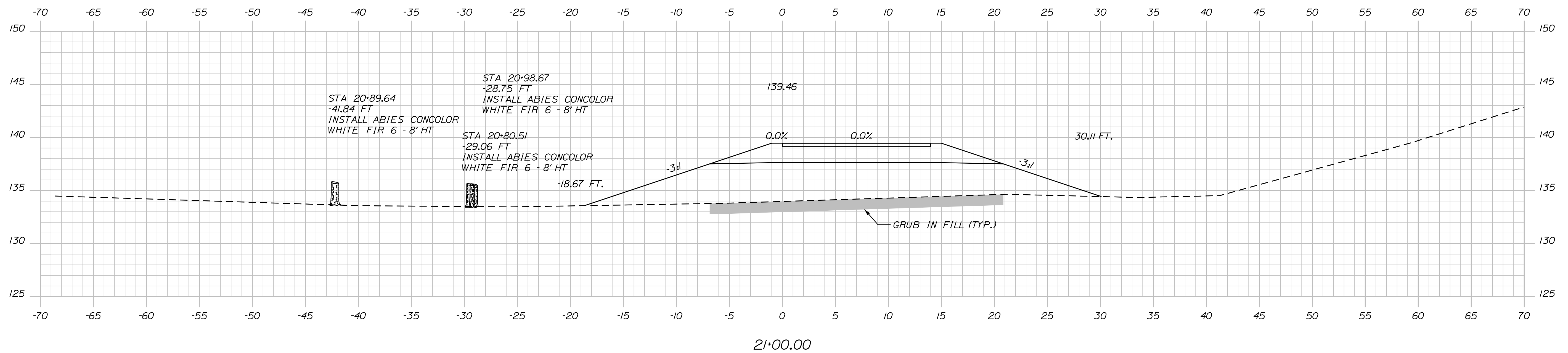
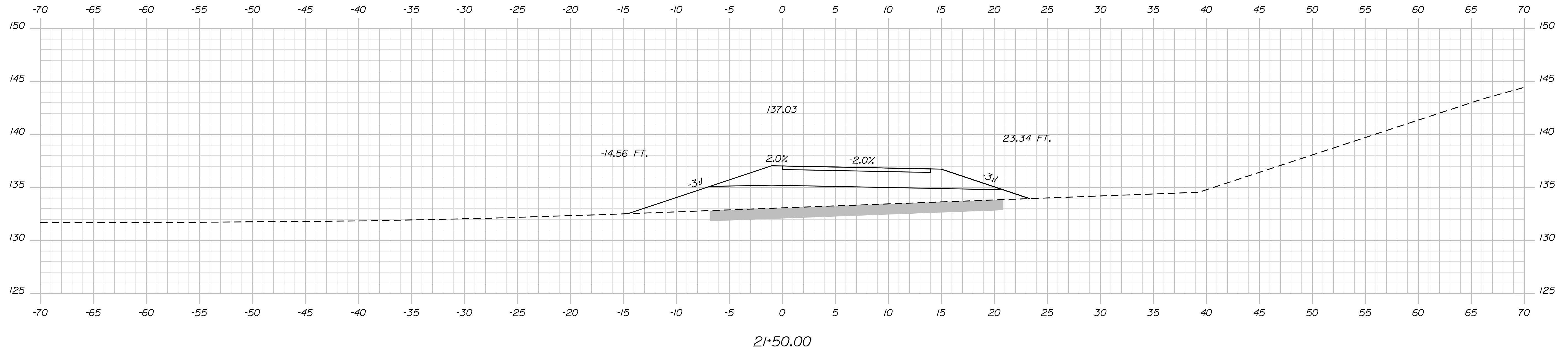
**BURNT MILL ROAD  
EMERGENCY VEHICLE RAMPS  
SOUTHBOUND CROSS SECTIONS  
Sta. 20+00.00 to Sta. 20+50.00**

VHB: 55281.00  
CONTRACT: 2020.06

SHEET NUMBER: 41  
41 OF 49

Date: 3/26/2020

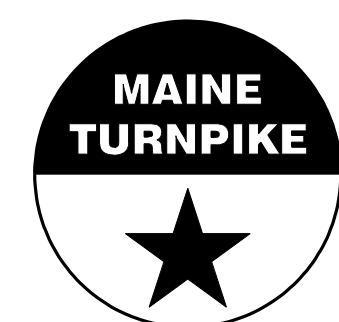
Filename: ...042\_XSect\_BurntMillRd\_SB\_2.dgn



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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

**BURNT MILL ROAD  
 EMERGENCY VEHICLE RAMPS  
 SOUTHBOUND CROSS SECTIONS  
 Sta. 21+00.00 to Sta. 21+50.00**

No.	Revision	By	Date

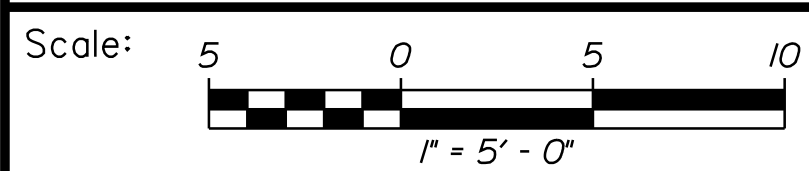
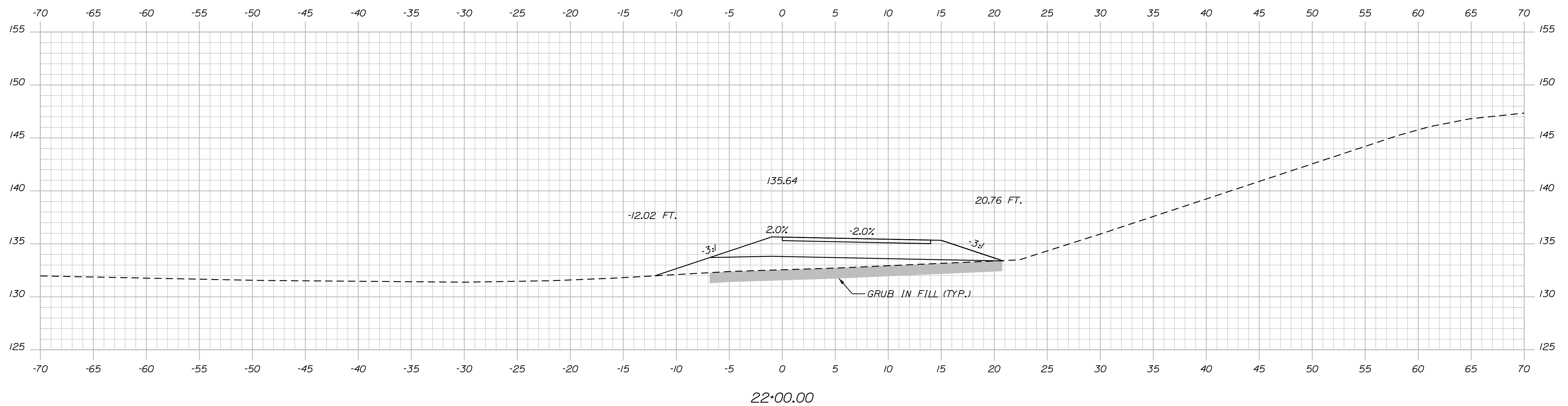
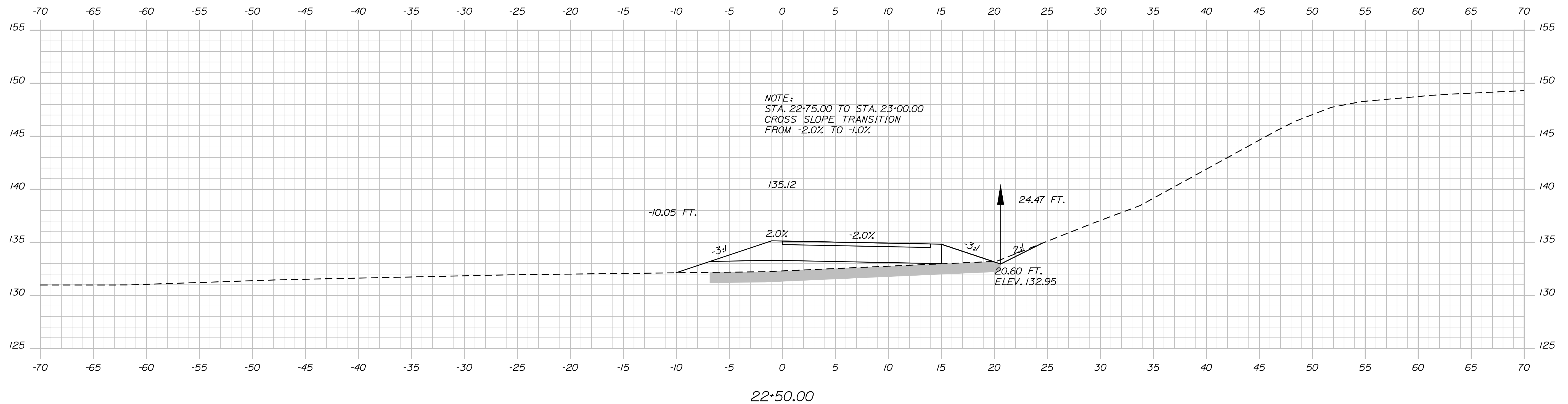
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

VHB: 55281.00 SHEET NUMBER: 42  
 CONTRACT: 2020.06 42 OF 49

MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/26/2020

Filename: ...043\_XSect\_BurntMillRd\_SB\_3.dgn



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THE GOLD STAR  
MEMORIAL HIGHWAY

BURNT MILL ROAD  
EMERGENCY VEHICLE RAMPS  
SOUTHBOUND CROSS SECTIONS  
Sta. 22+00.00 to Sta. 22+50.00

No.	Revision	By	Date

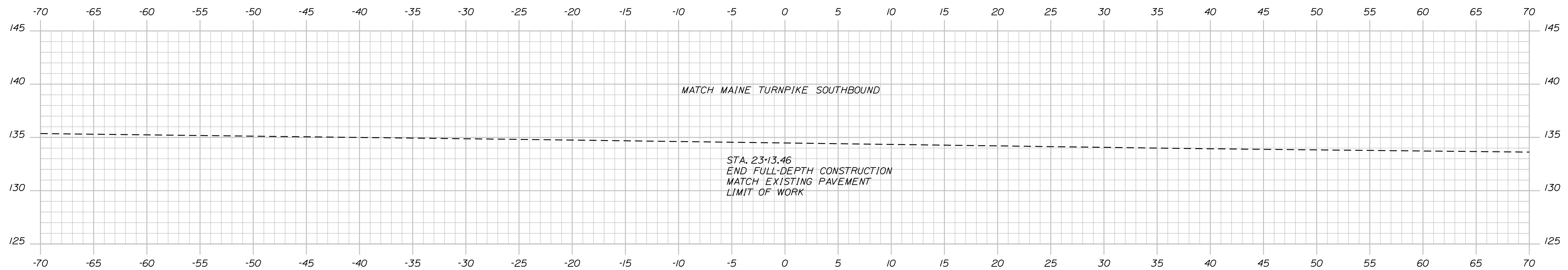
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

VHB: 55281.00 SHEET NUMBER: 43  
CONTRACT: 2020.06 43 OF 49

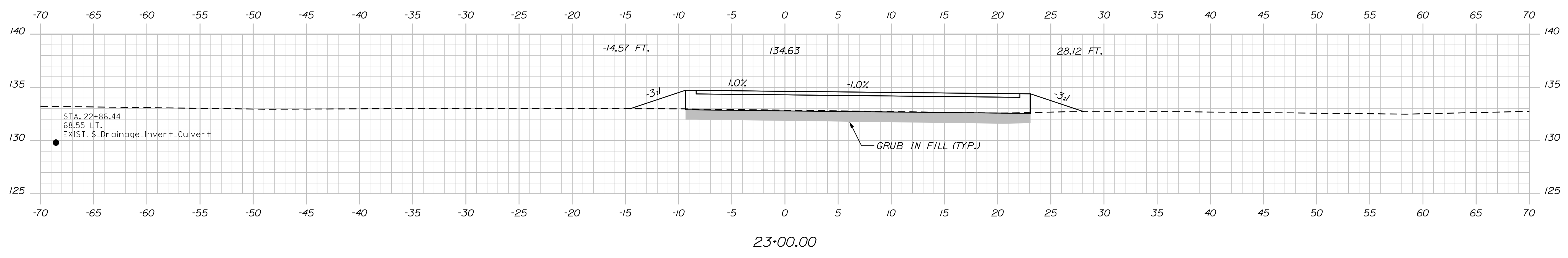
MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/26/2020

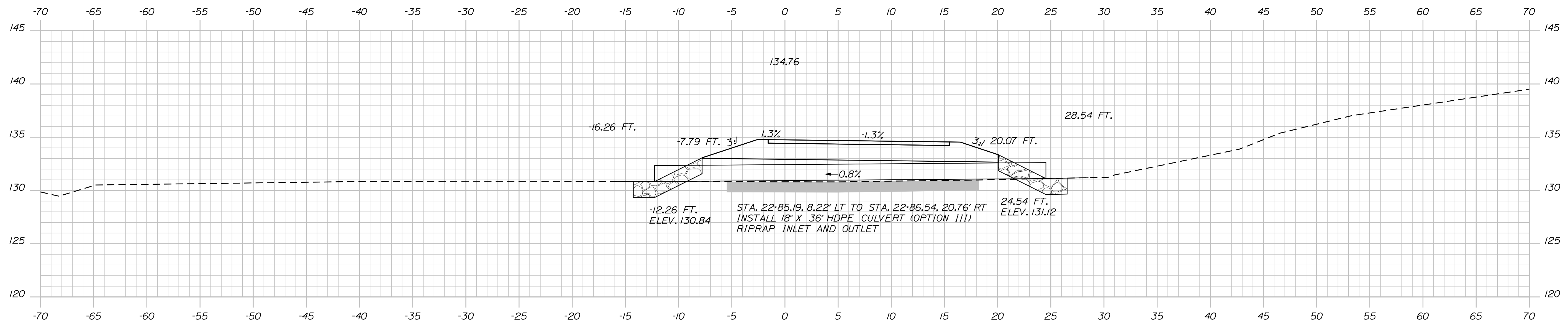
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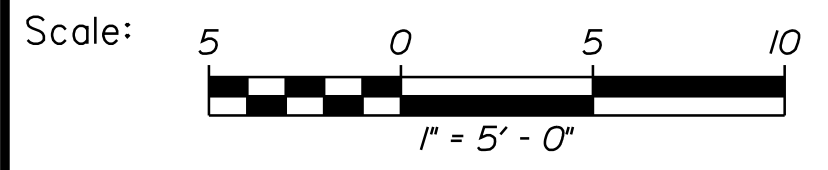
23+13.46



23+00.00



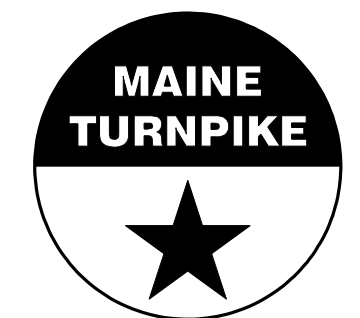
22+86.00



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THE GOLD STAR  
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BURNT MILL ROAD  
 EMERGENCY VEHICLE RAMPS  
 SOUTHBOUND CROSS SECTIONS

Sta. 22+86.00 to Sta. 23+13.46

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

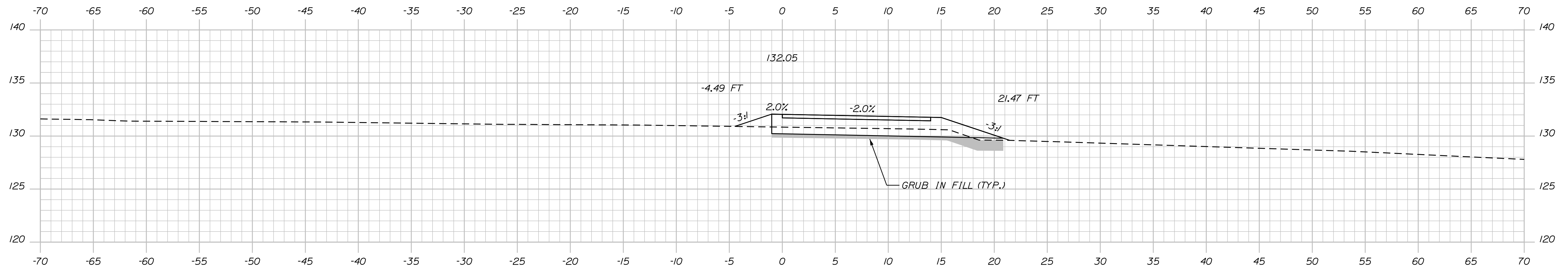
MTA PROJECT MANAGER: Ralph Norwood, IV

VHB: 55281.00  
 CONTRACT: 2020.06

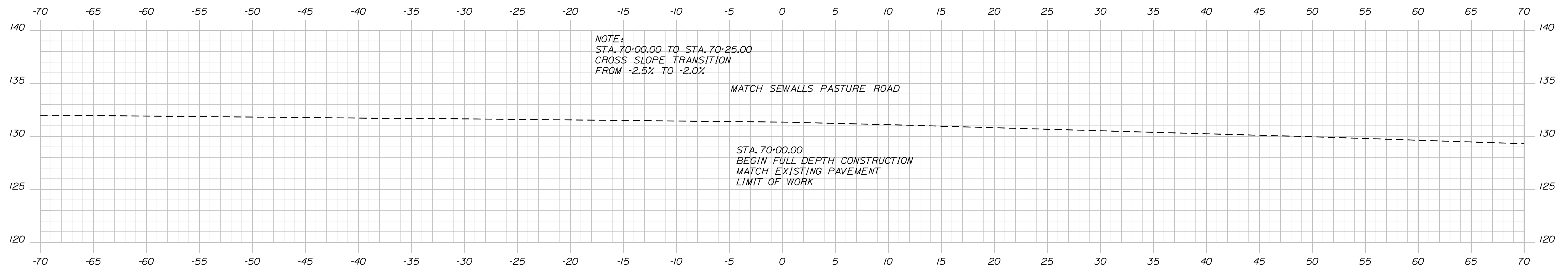
SHEET NUMBER: 44  
 44 OF 49

Date: 3/26/2020

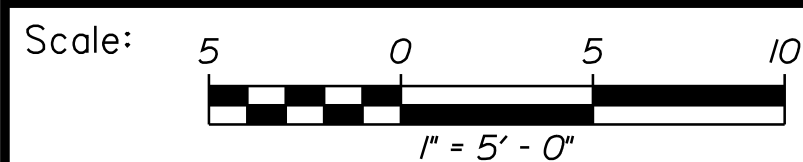
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70+50.00



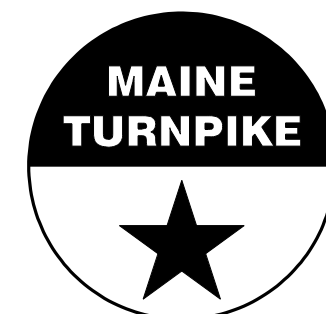
70+00.00



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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

**MOUNTAIN ROAD  
 EMERGENCY VEHICLE RAMPS  
 NORTHBOUND CROSS SECTIONS  
 Sta. 70+00.00 to Sta. 70+50.00**

No.	Revision	By	Date

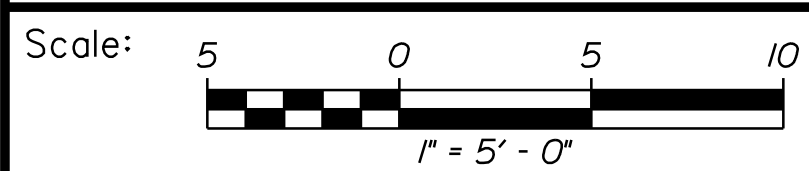
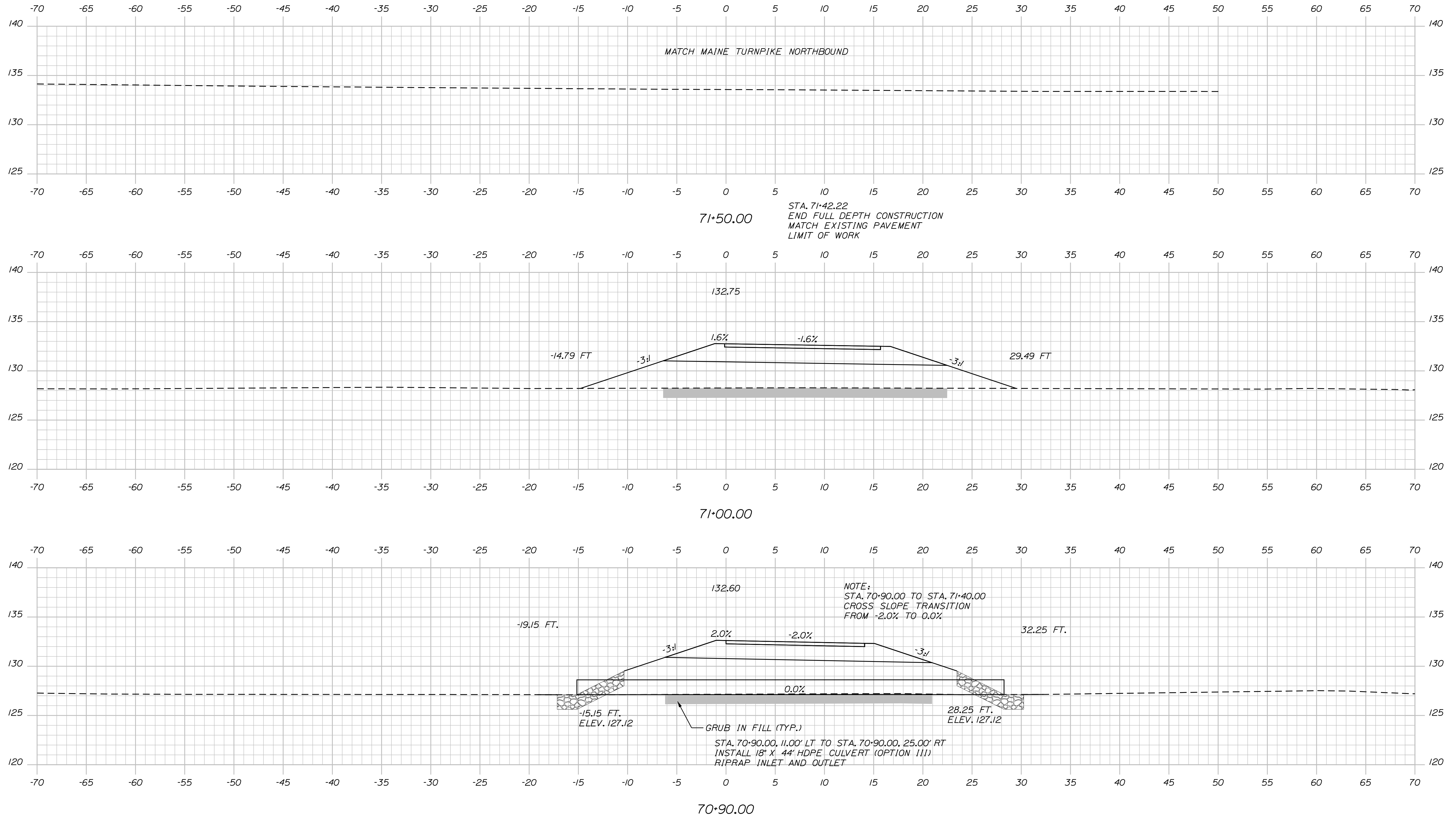
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

VHB: 55281.00 SHEET NUMBER: 45  
 CONTRACT: 2020.06 45 OF 49

MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/26/2020

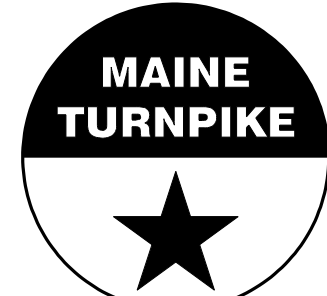
Filename: ...046\_XSect\_MountainRd\_NB\_2.dgn



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THE GOLD STAR  
 MEMORIAL HIGHWAY

MOUNTAIN ROAD  
 EMERGENCY VEHICLE RAMPS  
 NORTHBOUND CROSS SECTIONS  
 Sta. 70+90.00 to Sta. 71+50.00

No.	Revision	By	Date

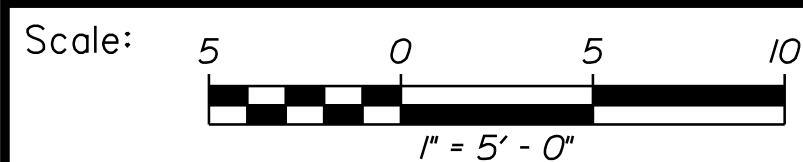
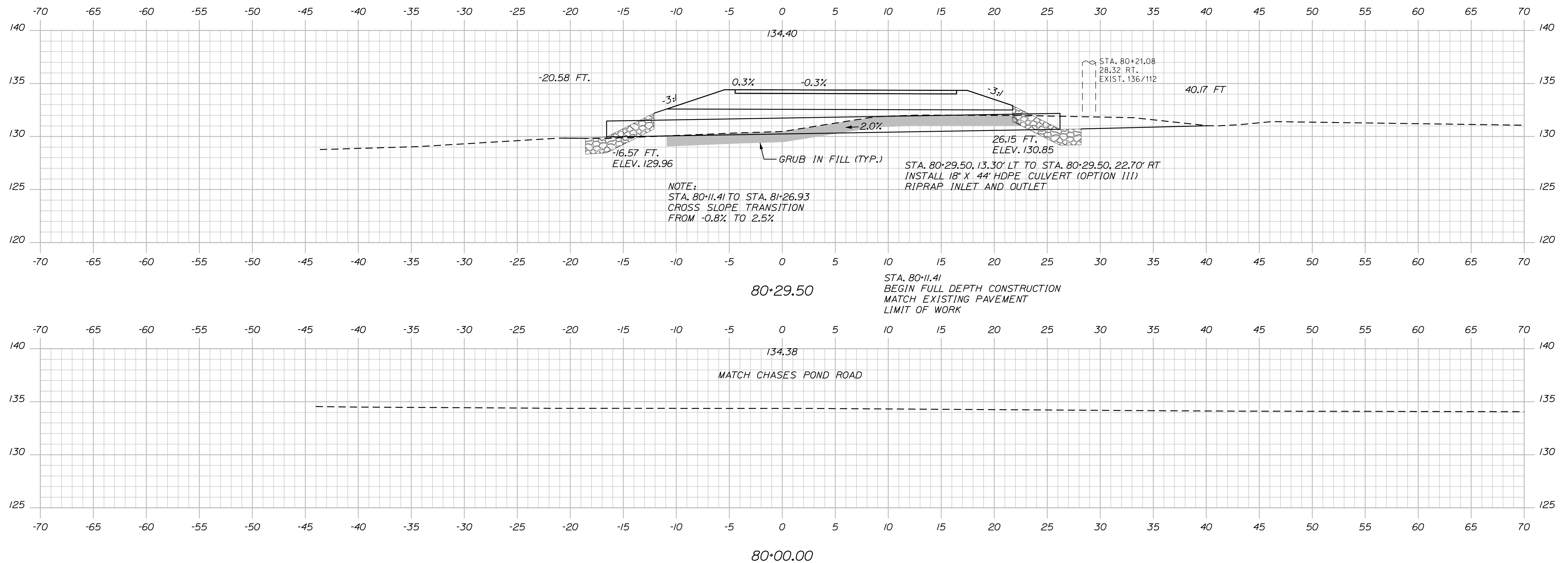
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

VHB: 55281.00 SHEET NUMBER: 46  
 CONTRACT: 2020.06 46 OF 49

MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/26/2020

Filename: ...047\_XSect\_MountainRd\_SB\_1.dgn



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MOUNTAIN ROAD  
 EMERGENCY VEHICLE RAMPS  
 SOUTHBOUND CROSS SECTIONS  
 Sta. 80+00.00 to Sta. 80+29.50

No.	Revision	By	Date

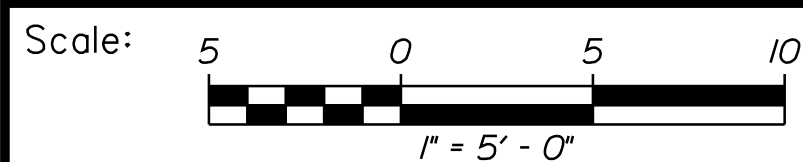
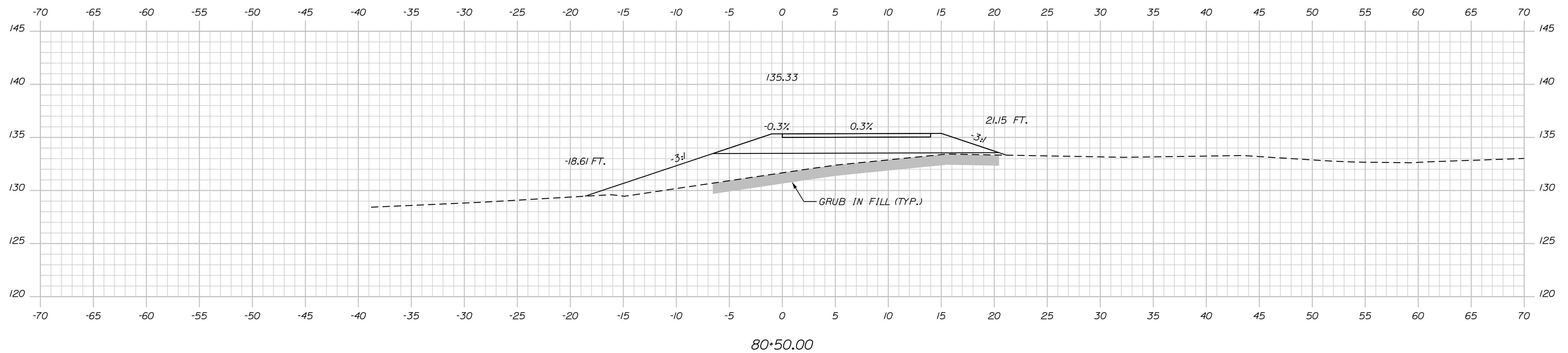
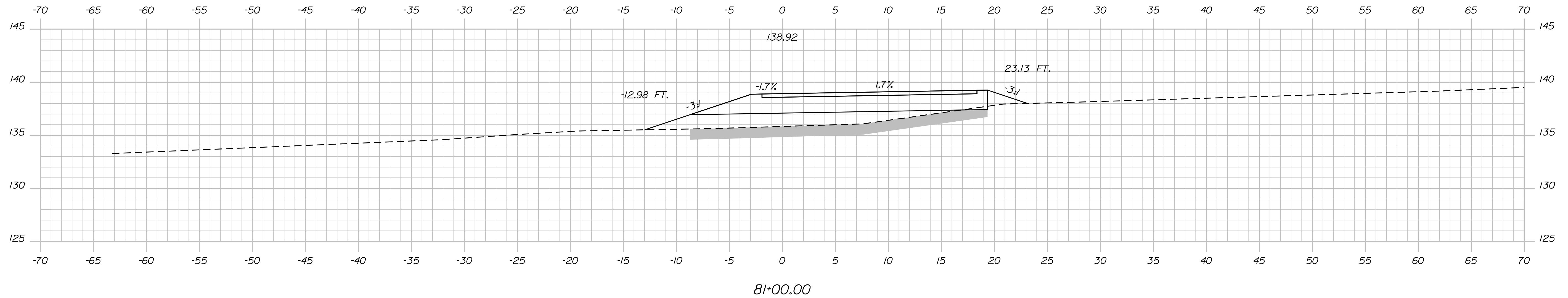
CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date	Checked	By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

VHB: 55281.00  
 CONTRACT: 2020.06  
 SHEET NUMBER: 47  
 47 OF 49

MTA PROJECT MANAGER: Ralph Norwood, IV

Date: 3/26/2020

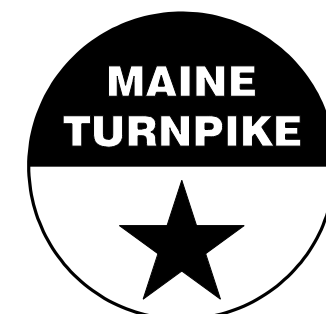
Filename: ...048\_XSect\_MountainRd\_SB\_2.dgn



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THE GOLD STAR  
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MOUNTAIN ROAD  
 EMERGENCY VEHICLE RAMPS  
 SOUTHBOUND CROSS SECTIONS  
 Sta. 80+50.00 to Sta. 81+00.00

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant					
	By	Date	Checked	By	Date
Designed	AGC	2/2020	ECF	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

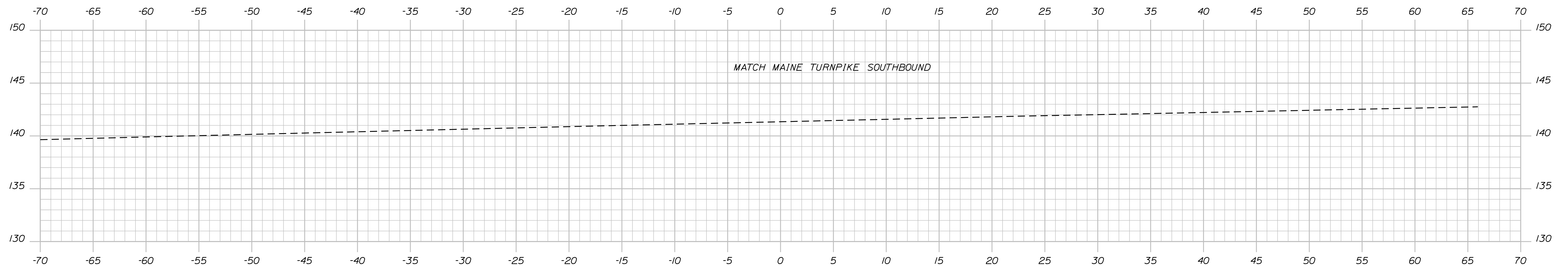
VHB: 55281.00 SHEET NUMBER: 48  
 CONTRACT: 2020.06 48 OF 49

MTA PROJECT MANAGER: Ralph Norwood, IV

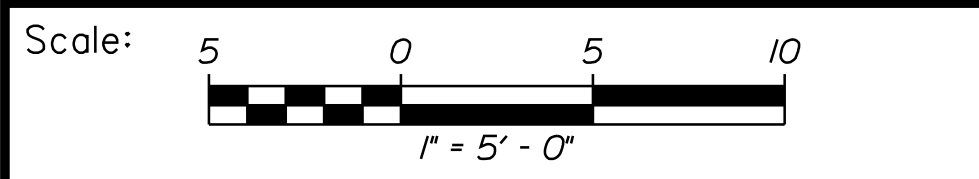


Date: 3/26/2020


Filename: ...049\_XSect\_MountainRd\_SB\_3.dgn



81+40.00  
 STA. 81+26.93  
 END FULL DEPTH CONSTRUCTION  
 MATCH EXISTING PAVEMENT  
 LIMIT OF WORK



Designed by:



No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: T. Bryant

	By	Date		By	Date
Designed	AGC	2/2020	Checked	ECF	2/2020
Drawn	BMD	2/2020	In Charge of	AG	2/2020

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**THE GOLD STAR  
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ralph Norwood, IV

MOUNTAIN ROAD  
 EMERGENCY VEHICLE RAMPS  
 SOUTHBOUND CROSS SECTIONS  
 Sta. 81+40.00 to Sta. 81+40.00

VHB: 55281.00 SHEET NUMBER: 49  
 CONTRACT: 2020.06 49 OF 49