

LOCATION MAP



THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY

MICHAEL J. CIANCHETTE, CHAIR
JANE L. LINCOLN, VICE CHAIR
THOMAS J. ZUKE, MEMBER
ANDREW MCLEAN, MEMBER
NINA A. FISHER, MEMBER
EMILY BECKER, MEMBER
BRUCE A. VAN NOTE, MEMBER EX-OFFICIO

ANDRE J. BRIERE, COLONEL, USAF (ret.), EXECUTIVE DIRECTOR

CONTRACT 2026.11

EMERGENCY VEHICLE RAMP - SOUTHBOUND CAPTAIN THOMAS ROAD MILE MARKER 14.8

Captain Thomas Road Underpass
Mile Marker 14.8

INDEX OF SHEETS

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11-15	Cross Sections

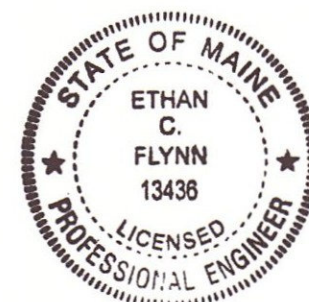
Contract 2026.11

APPROVED:

MAINE TURNPIKE AUTHORITY

Stephen R. Tartre
STEPHEN R. TARTRE, P.E. - DIRECTOR OF ENGINEERING

8/8/25
DATE



Ethan C. Flynn
Ethan C. Flynn, P.E.
Consultant Project Manager



8/6/2025
DATE

GENERAL CONSTRUCTION

- ALL WORK SHALL BE IN CONFORMANCE WITH MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) 2020 STANDARD DETAILS AND 2014 STANDARD SPECIFICATIONS WITH ALL UPDATES, AND MAINEDOT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL LATEST REVISION UNLESS OTHERWISE NOTED IN THESE PLANS.
- DURING CONSTRUCTION, TRAFFIC WILL BE MAINTAINED AS SHOWN IN THE PLANS AND AS REQUIRED IN THE SPECIAL PROVISIONS.
- 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 606.3561.
- EXISTING ROW FENCE AND EXISTING CHAIN LINK 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 AUTOMATIC ENTRY GATE SHALL BE INSTALLED CONTINUOUSLY WITH NO GAPS. IF REQUIRED, CONNECTION FOR PROPOSED FENCE TO EXISTING FENCE SHALL BE INCIDENTAL TO THE CONTRACT.
- THE PROPOSED ELEVATIONS ARE BASED ON THE NAVD 88 DATUM.
- THE CONTRACTOR SHALL TAKE ALL PRECAUTIONS NECESSARY TO AVOID IMPACTS BEYOND WHAT IS SHOWN IN THESE PLANS TO DELINEATED WETLAND AREAS.
- ALL WORK MUST BE COMPLETED WITHIN THE RIGHT OF WAY SHOWN IN THESE PLANS.
- THE CONTRACTOR SHALL SUBMIT PROPOSED STAGING AREA(S) TO THE RESIDENT FOR APPROVAL PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL PLACE APPROACH PAVEMENT AT ALL LOCATIONS TO ACHIEVE A SMOOTH TRANSITION BETWEEN EXISTING AND PROPOSED PAVEMENT.

DRAINAGE

- NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT PRIOR APPROVAL OF THE RESIDENT.
- INLETS AND OUTLETS OF ALL CULVERTS SHALL BE RIPRAPPED UNLESS OTHERWISE NOTED ON THE PLANS OR DIRECTED BY THE RESIDENT.
- ALL DITCH ELEVATIONS AND OFFSETS SHOWN ON THE CROSS SECTIONS ARE FOR THE FINISHED DITCH FLOW LINE.
- 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.

EARTHWORK

- 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.
- 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".
- THE CONTRACTOR SHALL MINIMIZE SLOPE DISTURBANCES WHERE POSSIBLE, AS DIRECTED BY THE RESIDENT.
- 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 AND BE PAID FOR AS 203.25 GRANULAR BORROW.

- 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.
- WASTE MATERIALS SHALL BE DISPOSED OFF THE PROJECT SITE, IN ACCORDANCE WITH CHAPTER 404, DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT RULES.
- 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).

EROSION CONTROL

- 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.
- 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.
- ALL SLOPES SHALL BE SEEDED WITH SEEDING METHOD #2.
- TEMPORARY SEED SHALL BE APPLIED TO ALL DISTURBED AREAS THAT WILL NOT BE COMPLETED WITHIN 30 DAYS.
- ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION BEST MANAGEMENT PRACTICES.
- 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.
- 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.
- EROSION CONTROL FILTER BERM SHALL BE USED IN LIEU OF SILT FENCE. REFER TO MAINE TURNPIKE AUTHORITY SUPPLEMENTAL SPECIFICATIONS, SECTION 656.04 FOR COMPOSITION AND INSTALLATION INSTRUCTIONS. PAYMENT SHALL BE MADE UNDER ITEM 656.632 - 30 INCH TEMPORARY SILT FENCE.

UTILITY

- 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) AT LEAST 72 HOURS PRIOR TO STARTING WORK.
- THE CONTRACTOR SHALL CONTACT ALL NON-MEMBERS THROUGH WWW.OKTODIG.COM OR AS OTHERWISE REQUIRED BY THE MAINE PUBLIC UTILITIES COMMISSION. ALL PROPOSED EXCAVATION LOCATIONS SHALL BE MARKED AT THE TIME OF NOTIFICATION. NO EXCAVATION SHALL BE PERMITTED UNTIL THE AUTHORITY HAS LOCATED AND MARKED ITS UNDERGROUND UTILITIES. THE RESIDENT SHALL BE PROVIDED A DIGITAL COPY OF ALL DIG SAFE TICKETS WITHIN 24 HOURS OF THEIR RELEASE FOR PROJECT NOTIFICATIONS AND THIRD PARTY UTILITY LOCATOR COORDINATION.

- THE CONTRACTOR SHALL NOTIFY THE RESIDENT 10 CALENDAR DAYS PRIOR TO SUBMITTING A UTILITY LOCATE REQUEST THROUGH DIG SAFE SO THAT THE RESIDENT CAN ARRANGE FOR MAINE TURNPIKE UNDERGROUND UTILITY LOCATION. ALL PROPOSED SIGN LOCATIONS AND EXCAVATION LOCATIONS SHALL BE MARKED AT THE NOTIFICATION TIME.
- THE UTILITIES INVOLVED IN THIS CONTRACT ARE: CENTRAL MAINE POWER (CMP) CONSOLIDATED COMMUNICATIONS CHARTER COMMUNICATIONS, INC.
- GRADING AROUND UTILITY POLES AND GUY WIRES, EXISTING OR PROPOSED, SHALL BE DONE BY HAND.
- CONTRACTOR SHALL PROTECT ALL NEW AND EXISTING UTILITIES FROM DAMAGE DURING THE CONSTRUCTION AS APPROVED BY THE UTILITY OWNERS.

ITEM 603.179 - 18" CULVERT PIPE OPTION III HDPE ONLY

LOCATION	QUANTITY (LF)
201+62.92	45
203+71.47	46

ITEM 607.17 - CHAIN LINK FENCE - 6 FOOT

STATION TO STATION	OFFSET	QUANTITY (LF)
203+12 TO 203+13	RT	20
203+14 TO 203+15	LT	20

ITEM 610.08 - PLAIN RIPRAP

STATION	OFFSET	QUANTITY (CY)
201+55	RT	3.0
201+81	LT	3.2
203+71	RT	2.3
203+71	LT	2.3

ITEM 610.181 - TEMPORARY STONE CHECK DAM

STATION	OFFSET	QUANTITY (CY)
202+80 TO 203+70	LT	2.0
201+80 TO 203+65	RT	6.0

ITEM 613.319 - EROSION CONTROL BLANKET

STATION	OFFSET	QUANTITY (SY)
200+40 TO 200+80	RT	30.7
200+60 TO 202+00	LT	99.3
201+75 TO 202+90	LT	72.8
201+75 TO 203+70	RT	178.3
202+90 TO 203+70	LT	90.1




ITEM 620.58 - EROSION CONTROL GEOTEXTILE

STATION	OFFSET	QUANTITY (SY)
201+55	RT	5.5
201+81	LT	5.7
203+71	RT	4.1
203+71	LT	4.1

ITEM 656.632 - 30" TEMPORARY SILT FENCE

STATION TO STATION	OFFSET	QUANTITY (LF)
200+12 TO 204+03	LT	442
200+19 TO 203+98	RT	386

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"	2 - WHITE ON RED
R5-11			30"x24"	3 - BLACK ON WHITE
R6-1R			36"x12"	1 - BLACK ON WHITE

ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	Quantity Total
201.11	Clearing	AC	0.40
203.2	Common Excavation	CY	600
203.21	Rock Excavation	CY	240
203.24	Common Borrow	CY	170
203.25	Granular Borrow	CY	20
304.1	Aggregate Base Course - Gravel	CY	460
304.14	Aggregate Base Course - Type A	CY	130
403.208	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size (Surface)	TON	64
403.213	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size (Base)	TON	110
409.15	Bituminous Tack Coat RS-1 or RS1h - Applied	GAL	31
419.3	Sawing Bituminous Pavement	LF	190
603.179	18 inch Culvert Pipe Option III	LF	91
606.3561	Delineator Post - Remove and Reset	EA	1
607.17	Chain Link Fence - 6 foot	LF	40
607.32	Bracing Assembly Type I - Metal Posts	EA	3
607.33	Bracing Assembly Type II - Metal Posts	EA	1
610.08	Plain Riprap	CY	11
610.181	Temporary Stone Check Dam	CY	8
613.319	Erosion Control Blanket	SY	480
615.07	Loam	CY	140
618.14	Seeding Method Number 2	UNIT	11
619.1201	Mulch - Plan Quantity	UNIT	11
619.1202	Temporary Mulch	LS	1
620.58	Erosion Control Geotextile	SY	20
629.05	Hand Labor, Straight Time	HR	20
631.12	All Purpose Excavator (including operator)	HR	20
631.171	Truck - small (including operator)	HR	40
631.36	Foreperson	HR	16
645.271	Regulatory, Warning, Conf. and Route Assembly Sign, Type 1	SF	36
652.361	Maintenance of Traffic Control Devices	LS	1
652.38	Flaggers	HR	200
656.5	Baled Hay, In Place	EA	15
656.632	30 inch Temporary Silt Fence	LF	830
659.1	Mobilization	LS	1

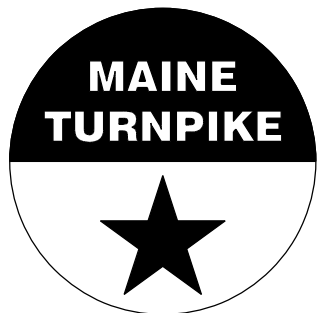
Note: Quantities are Estimated Only

Scale:

Designed by:



VANASSE HANGEN BRUSTLIN, INC.
600 Southborough Dr.
Suite 100
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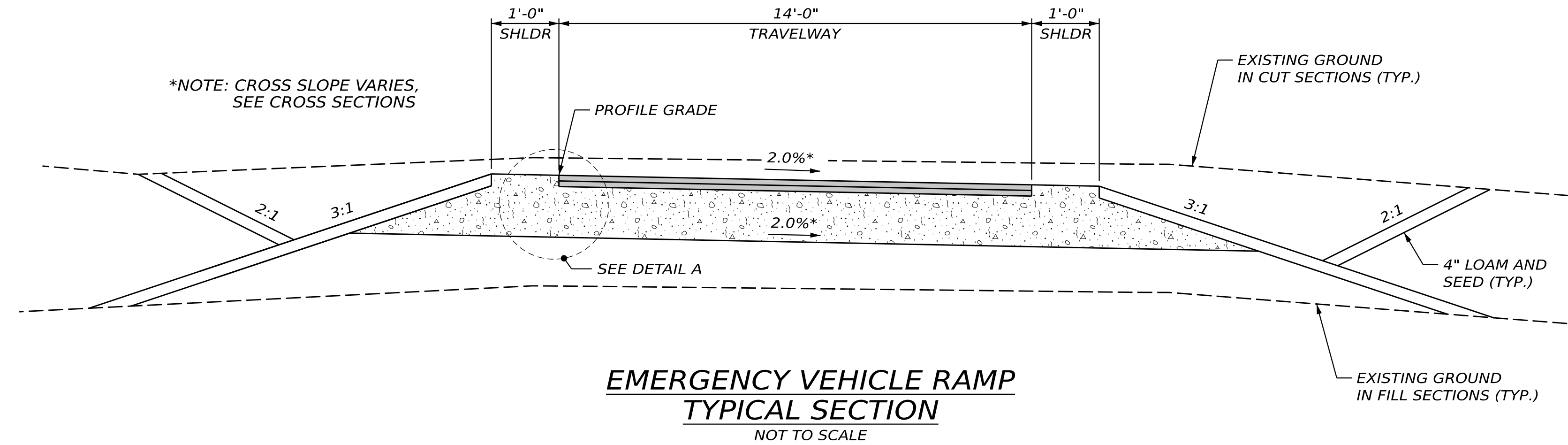


THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: BRIAN A. TADDEO

CAPTAIN THOMAS ROAD
EMERGENCY VEHICLE RAMP
GENERAL & CONSTRUCTION NOTES

VHB: 55869.00 SHEET NUMBER: 2
CONTRACT: 2026.11 2 OF 15



DIMENSIONS FOR SLOPE OF 2:1

D	A (FT)	B (FT)	C (FT)	E (FT)	F (FT)	G (FT)	STONE DEPTH (FT)	STONE (CY)
12"	1.00	4.00	3.00	2.00	6.00	1.00	0.50	0.43
15"	1.00	4.50	3.37	2.25	6.75	1.63	0.50	0.57
18"	1.00	5.00	3.75	2.50	7.50	2.25	0.50	0.70
24"	1.00	6.00	4.50	3.00	9.00	3.50	0.50	1.04
30"	1.00	7.00	5.25	3.50	10.50	4.75	0.50	1.44

DIMENSIONS FOR SLOPE OF 4:1

D	A (FT)	B (FT)	C (FT)	E (FT)	F (FT)	G (FT)	STONE DEPTH (FT)	STONE (CY)
12"	1.00	8.00	6.00	2.00	6.00	0.00	0.50	0.73
15"	1.00	9.00	6.75	2.25	6.75	0.00	0.50	0.93
18"	1.00	10.00	7.50	2.50	7.50	0.00	0.50	1.13
24"	1.00	12.00	9.00	3.00	9.00	0.00	0.50	1.62
30"	1.00	14.00	10.50	3.50	10.50	0.00	0.50	2.19

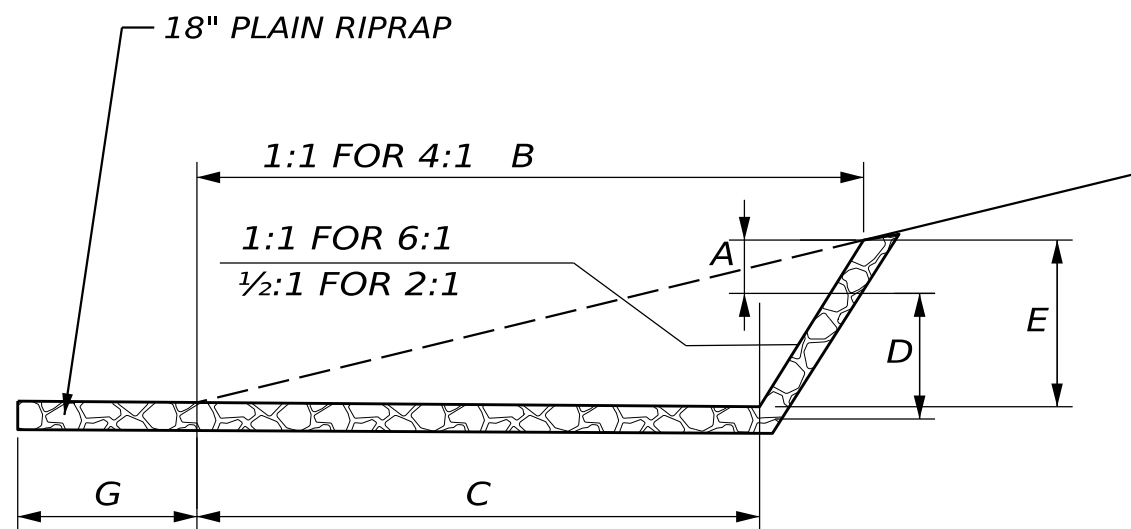
DIMENSIONS FOR SLOPE OF 6:1

D	A (FT)	B (FT)	C (FT)	E (FT)	F (FT)	G (FT)	STONE DEPTH (FT)	STONE (CY)
12"	0.50	9.00	7.50	1.50	4.50	0.00	0.50	0.77
15"	0.50	10.50	8.75	1.75	5.50	0.00	0.50	0.98
18"	0.50	12.00	10.00	2.00	6.50	0.00	0.50	1.19
24"	0.50	15.00	12.50	2.50	8.00	0.00	0.50	1.81
30"	0.50	18.00	15.00	3.00	9.50	0.00	0.50	2.57

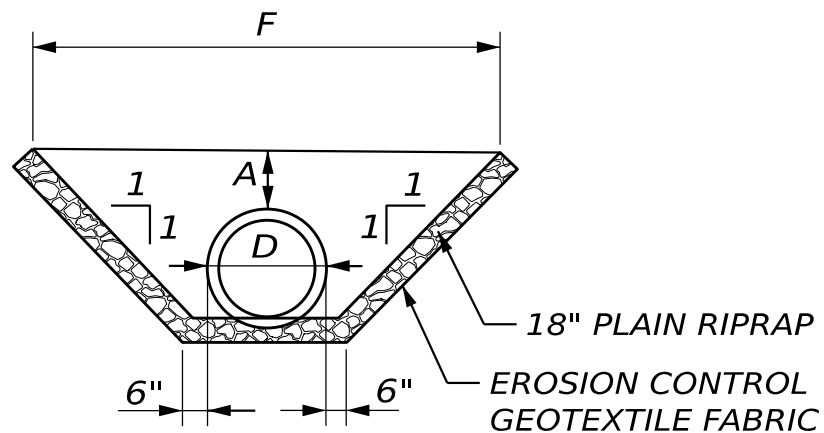
NOTES:

1. THE DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE MODIFIED BY THE RESIDENT.
2. STONE QUANTITIES ARE FOR ONE END OF THE PIPE.

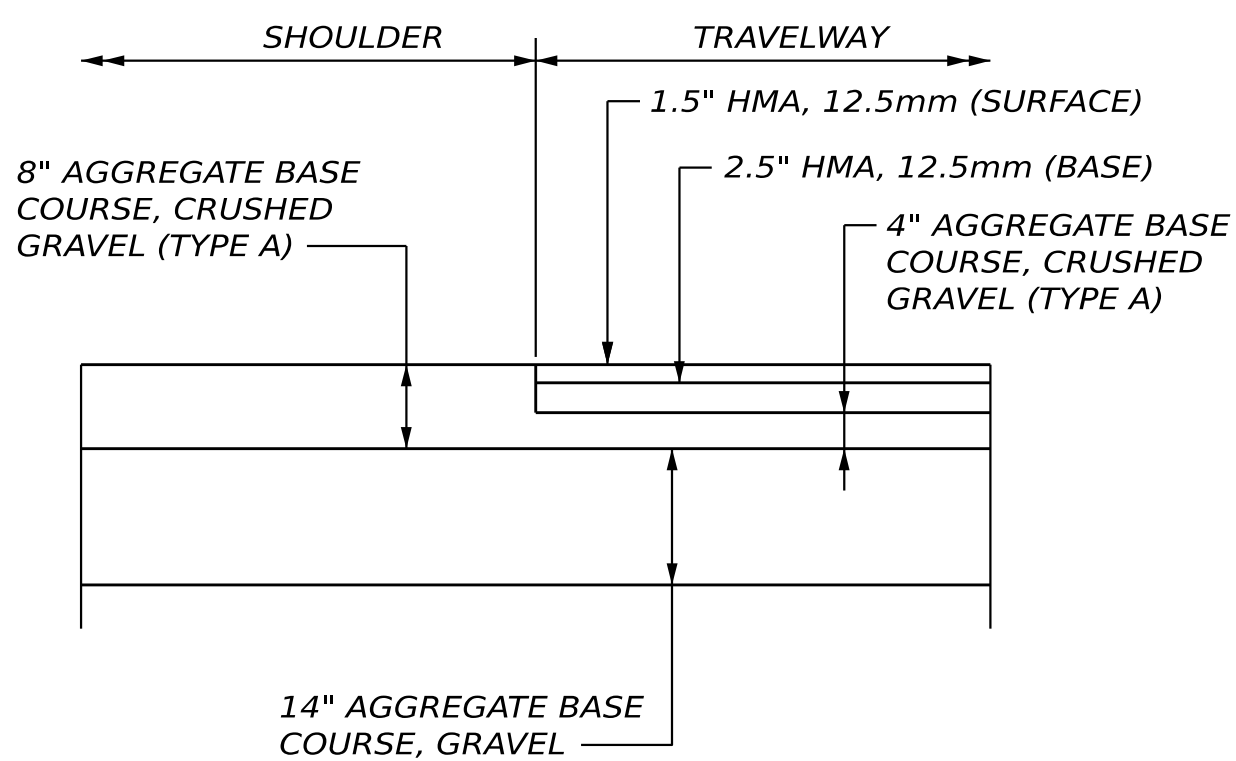
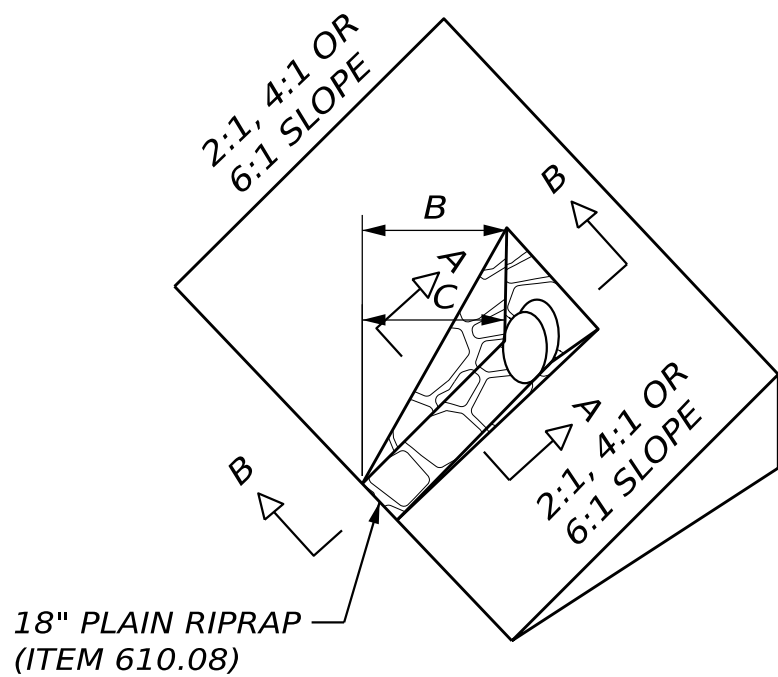
ROADWAY CULVERT END SLOPE TREATMENT
NOT TO SCALE



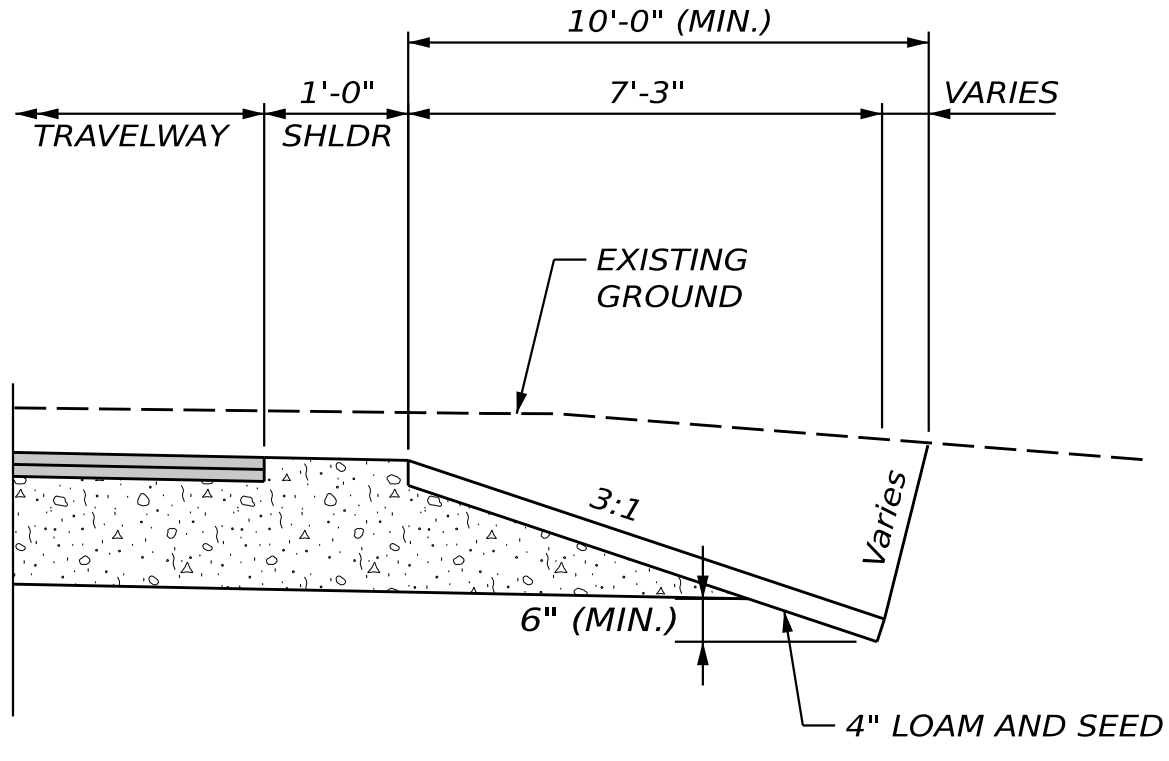
SECTION B-B



SECTION A-A



DETAIL A
NOT TO SCALE



ROCK CUT DETAIL
NOT TO SCALE

EVR TYPICAL SECTION NOTES:

1. THE PAVEMENT, BASE AND SUBBASE DEPTHS AS SHOWN ON THE 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. PAYMENT SHALL BE UNDER ITEM 419.3 - SAWING BITUMINOUS PAVEMENT.
3. BITUMINOUS TACK COAT IS REQUIRED BETWEEN ALL LIFTS OF PAVEMENT, OR AS DIRECTED BY THE RESIDENT.

EARTHWORK SUMMARY


COMMON EXCAVATION FOR ESTIMATE		
COMMON EXCAVATION (FROM CROSS SECTIONS)		388
GRUBBING IN FILL		185
MUCK EXCAVATION		19
TOTAL COMMON EXCAVATION (for estimate)		592
FILL FOR BORROW CALCULATIONS		
COMMON FILL (FROM CROSS SECTIONS)		284
GRUBBING IN FILL		185
MUCK EXCAVATION		19
TOTAL FILL		488
ROCK EXCAVATION FOR ESTIMATE		
ROCK EXCAVATION (FROM CROSS SECTIONS)		236
TOTAL ROCK EXCAVATION		236
AVAILABLE COMMON EXCAVATION FOR BORROW CALCULATIONS		
(1) TOTAL COMMON EXCAVATION		592
DEDUCTIONS:		
GRUBBING IN CUT		388
GRUBBING IN FILL		185
MUCK EXCAVATION		19
(2) TOTAL DEDUCTIONS		592
TOTAL AVAILABLE COMMON EXCAVATION (1) MINUS (2)		0
COMPUTATION OF GRANULAR BORROW FOR ESTIMATE		
GRANULAR BORROW TO REPLACE MUCK		19
GRANULAR BORROW =	19 x 1.00 =	19
COMPUTATION FOR COMMON BORROW FOR ESTIMATE		
(3) TOTAL FILL		488
TOTAL AVAIL. NON-ROCK EXCAV.	0 x 0.90 =	0
TOTAL AVAIL. ROCK EXCAV.	236 x 1.30 =	307
(4) TOTAL AVAILABLE EXCAVATION		307
BORROW NEEDED = TOTAL FILL MINUS TOTAL AVAILABLE EXCAVATION		181
GRANULAR BORROW TO REPLACE MUCK		19
COMMON BORROW NEEDED = BORROW NEEDED MINUS GRANULAR BORROW		162

Date: 8/8/2025

Username: BDARRAH

Scale:				
No.	Revision	By	Date	

Designed by:

The logo for vhb (Verkehrs- und Hafenbau) features a stylized graphic of a ship's hull or a series of curved lines above the lowercase letters 'vhb'. A registered trademark symbol (®) is located to the bottom right of the letters.

CONSULTANT PROJECT MANAGER:			E. FLYNN		
	By	Date		By	Date
Designed	AHS	8/8/2025	Checked	BMD	8/8/2025
Drawn	AHS	8/8/2025	In Charge of	ECF	8/8/2025



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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: BRIAN A. TADDEO

**CAPTAIN THOMAS ROAD
EMERGENCY VEHICLE RAMP
TYPICAL SECTIONS & DETAILS**







VHB: 55869.00 SHEET NUMBER: 3
CONTRACT: 2026.11 3 OF 15

Username: BDARRAH Date: 8/8/2025

MAINTENANCE OF TRAFFIC GENERAL NOTES

1. THESE TRAFFIC CONTROL DETAILS APPLY TO THE CONSTRUCTION OF THE CAPTAIN THOMAS ROAD EMERGENCY VEHICLE RAMP (EVR) AT MILE MARKER 14.6 IN OGUNQUIT. SEE SPECIAL PROVISIONS FOR MORE DETAILS ON SPECIFIC TEMPORARY TRAFFIC CONTROLS WITH TIME AND DATE RESTRICTIONS.
2. ALL TRAFFIC CONTROL EQUIPMENT AND DEVICES SHALL CONFORM TO THE 2014 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.
3. ANY SIGNS, EQUIPMENT, OR DEVICES FOUND TO BE DAMAGED OR UNSERVICEABLE SHALL BE REPLACED AT THE CONTRACTOR'S EXPENSE.
4. 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.
5. ALL LANE CLOSURES SHALL REQUIRE APPROVAL FROM THE MAINE TURNPIKE AUTHORITY THROUGH THE RESIDENT. THE RESIDENT IS REQUIRED TO SUBMIT A REQUEST FOR LANE CLOSURES BY NOON ON THURSDAY FOR ANY LANE CLOSURES NEEDED FOR THE FOLLOWING WEEK. THE CONTRACTOR SHALL PLAN THE WORK AND REQUESTS FOR LANE CLOSURES ACCORDINGLY.
6. MAXIMUM SPACING FOR CHANNELIZING DEVICES (DRUMS) ON THE MAINLINE OF THE TURNPIKE SHALL BE:
80' ON CENTER ALONG TANGENTS
40' ON CENTER ALONG TAPERS
7. CHANNELIZING DEVICES ON CAPTAIN THOMAS RD SHALL BE SPACED AT 10' ON CENTER.
8. WORK ZONE SPEED LIMITS SHALL ONLY BE PERMITTED WHEN TEMPORARY LANE CLOSURES ARE IN PLACE.

STABILIZED CONSTRUCTION ENTRANCE

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  OR 			36"x30"	1 - BLACK ON ORANGE		
W20-1 (AHEAD) 			48"x48"	1 - BLACK ON ORANGE		
W21-5 			48"x48"	1 - BLACK ON ORANGE		
CS-10 			48"x48"	1 - BLACK ON ORANGE		


ABBREVIATIONS FOR ALL WORK ZONE PLANS

BWLL = BROKEN WHITE LANE LINE
SWEL = SOLID WHITE EDGE LINE
SYEL = SOLID YELLOW EDGE LINE

Scale:


No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER:				E. FLYNN	
	By	Date		By	Date
Designed	MLG	8/8/2025	Checked	MDS	8/8/2025
Drawn	JAR	8/8/2025	In Charge of	ECF	8/8/2025

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THE GOLD STAR
MEMORIAL HIGHWAY





MTA PROJECT MANAGER: BRIAN A. TADDEO

CAPTAIN THOMAS ROAD
EMERGENCY VEHICLE RAMP
MAINTENANCE OF TRAFFIC DETAILS


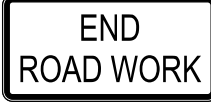
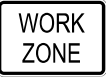


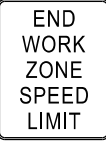



VHB: 55869.00
CONTRACT: 2026.11

SHEET NUMBER: 4
4 OF 15





TURNPIKE SHOULDER CLOSURES

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"	2 - 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	

TEMPORARY SINGLE AND DOUBLE LANE CLOSURES

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"	2 - BLACK ON ORANGE	
R2-1(60) 			48"x60"	2 - BLACK ON WHITE	
R2-6aP 			36"x24"	2 - 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	
W4-2R 			48"x48"	1 - BLACK ON ORANGE	

TEMPORARY SINGLE AND DOUBLE LANE CLOSURES CONTINUED

SIGN SUMMARY					
Sign	Text Dimensions (Inches)		Size	Quantity and Color	
	Letter Height	Vertical Spacing			
W8-1 	Text Dimensions Shall Conform to "Standard Highway Signs" - 2012		48"x48"	2 - BLACK ON ORANGE	
W8-24a 			48"x48"	2 - BLACK ON ORANGE	
W20-1 			48"x48"	2 - BLACK ON ORANGE	
W20-5R 			48"x48"	1 - BLACK ON ORANGE	


Date: 8/8/2025

Username: JAROBERT

Scale:

No.	Revision	By	Date

Designed by:



CONSULTANT PROJECT MANAGER:				E. FLYNN			
	By	Date		By	Date		
Designed	MLG	8/8/2025	Checked	MDS	8/8/2025		
Drawn	JAR	8/8/2025	In Charge of	ECF	8/8/2025		

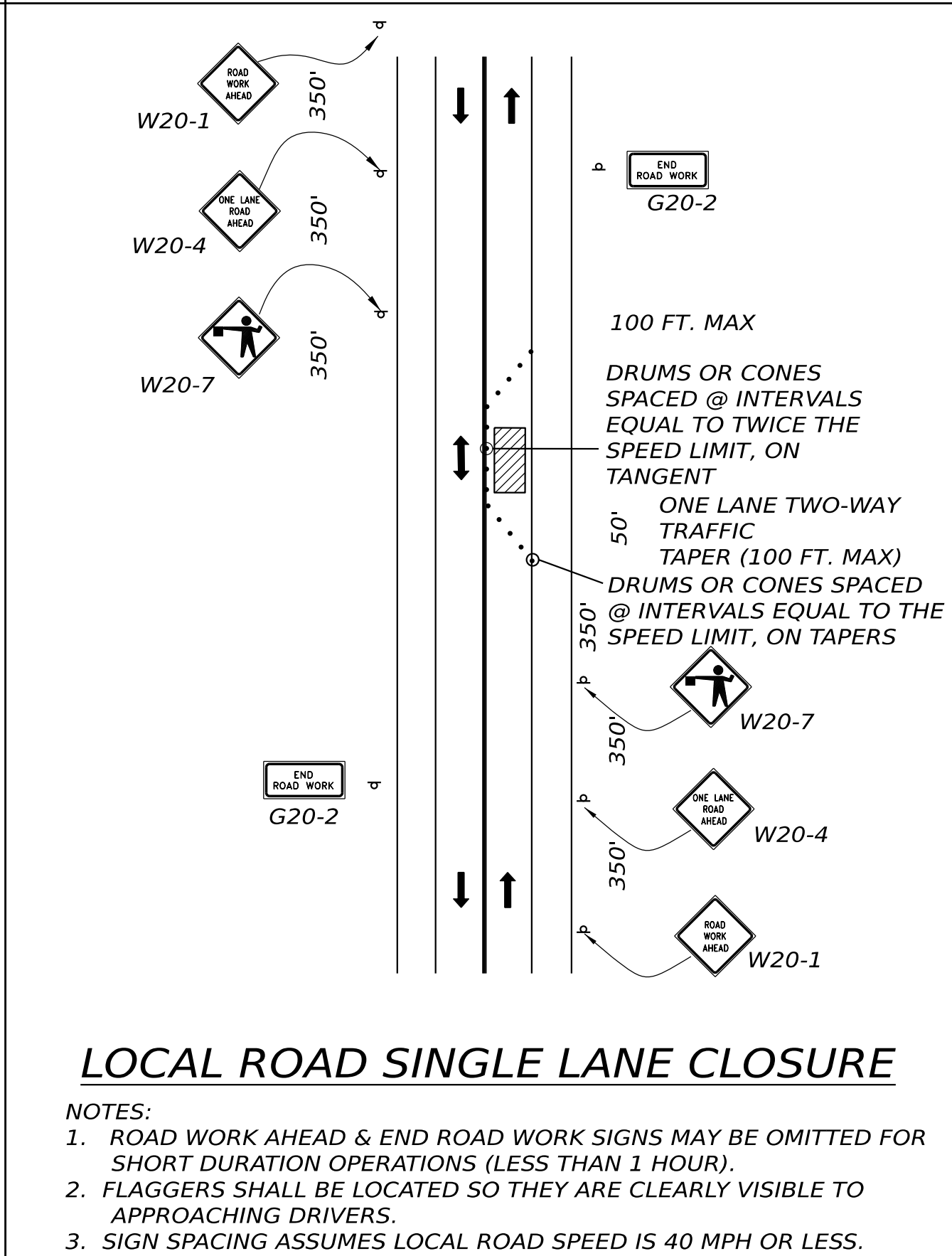
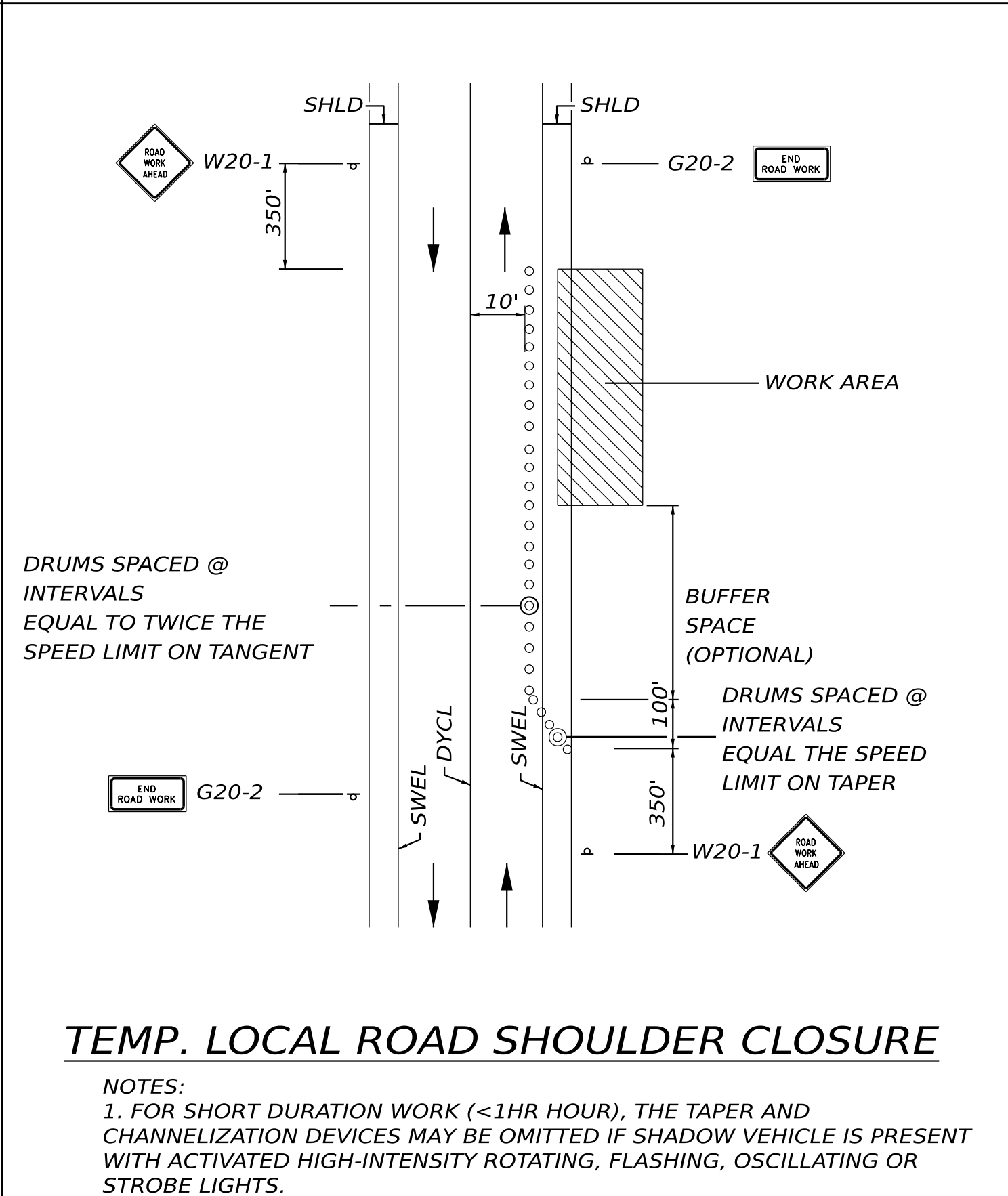
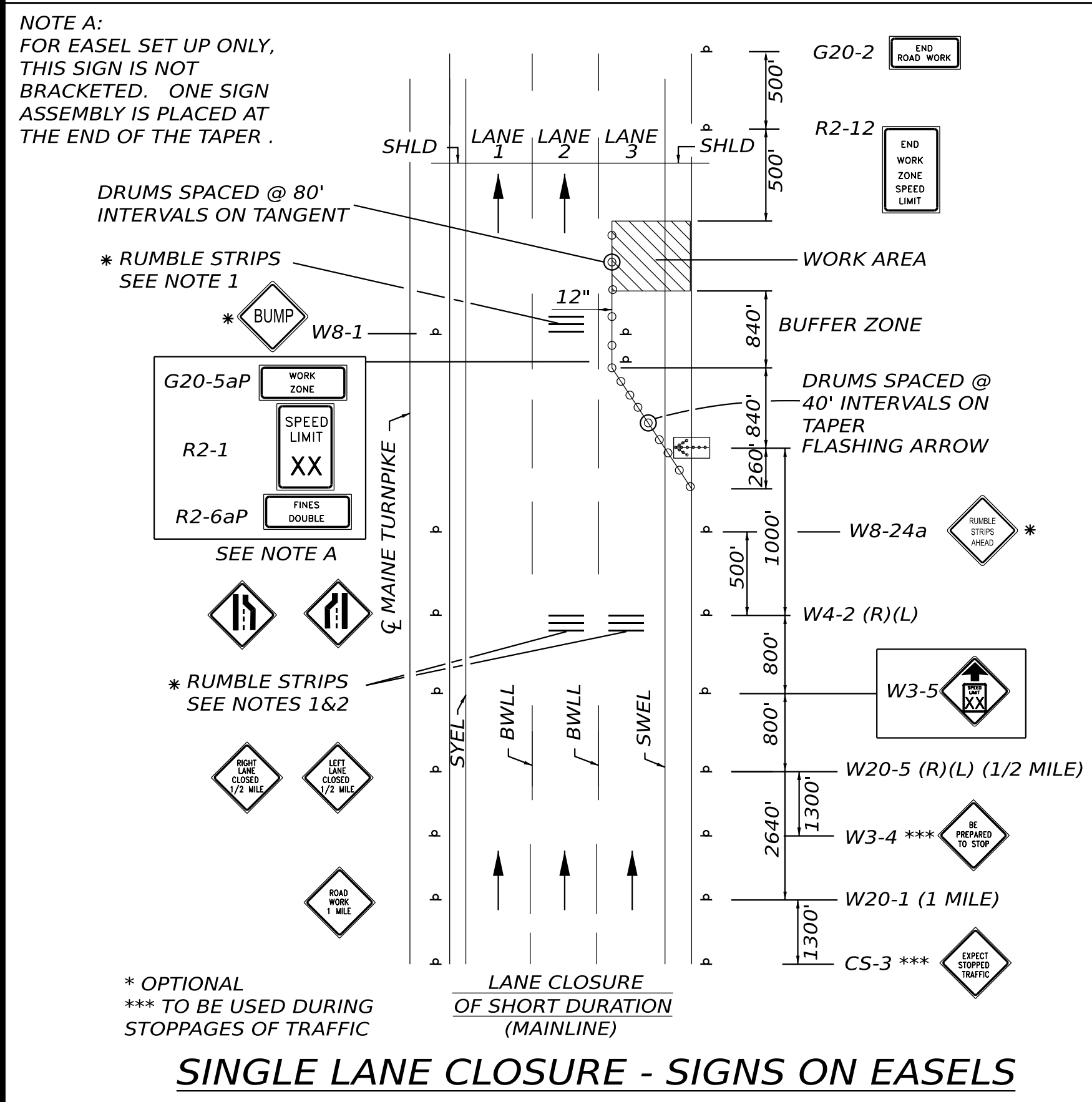
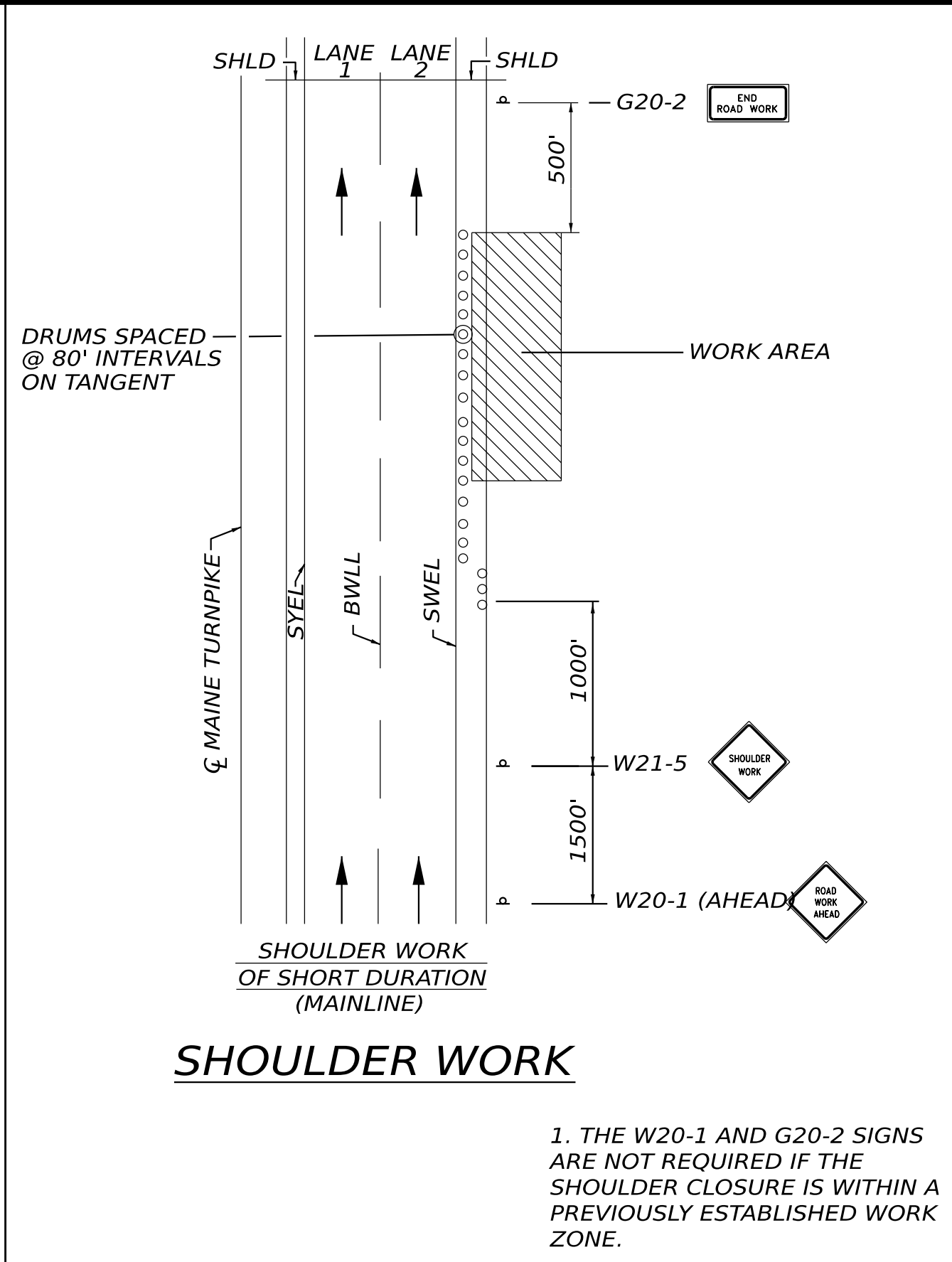
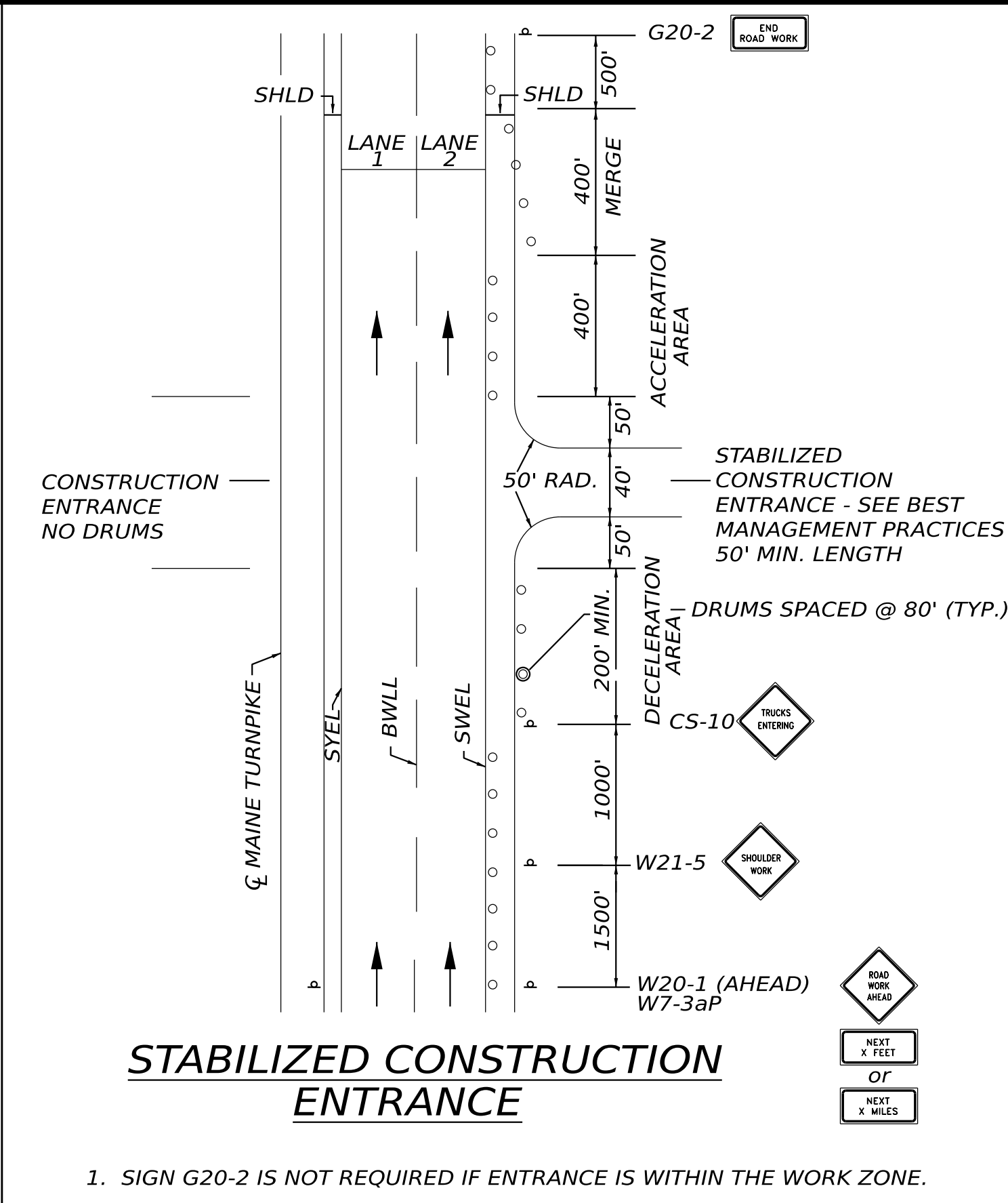
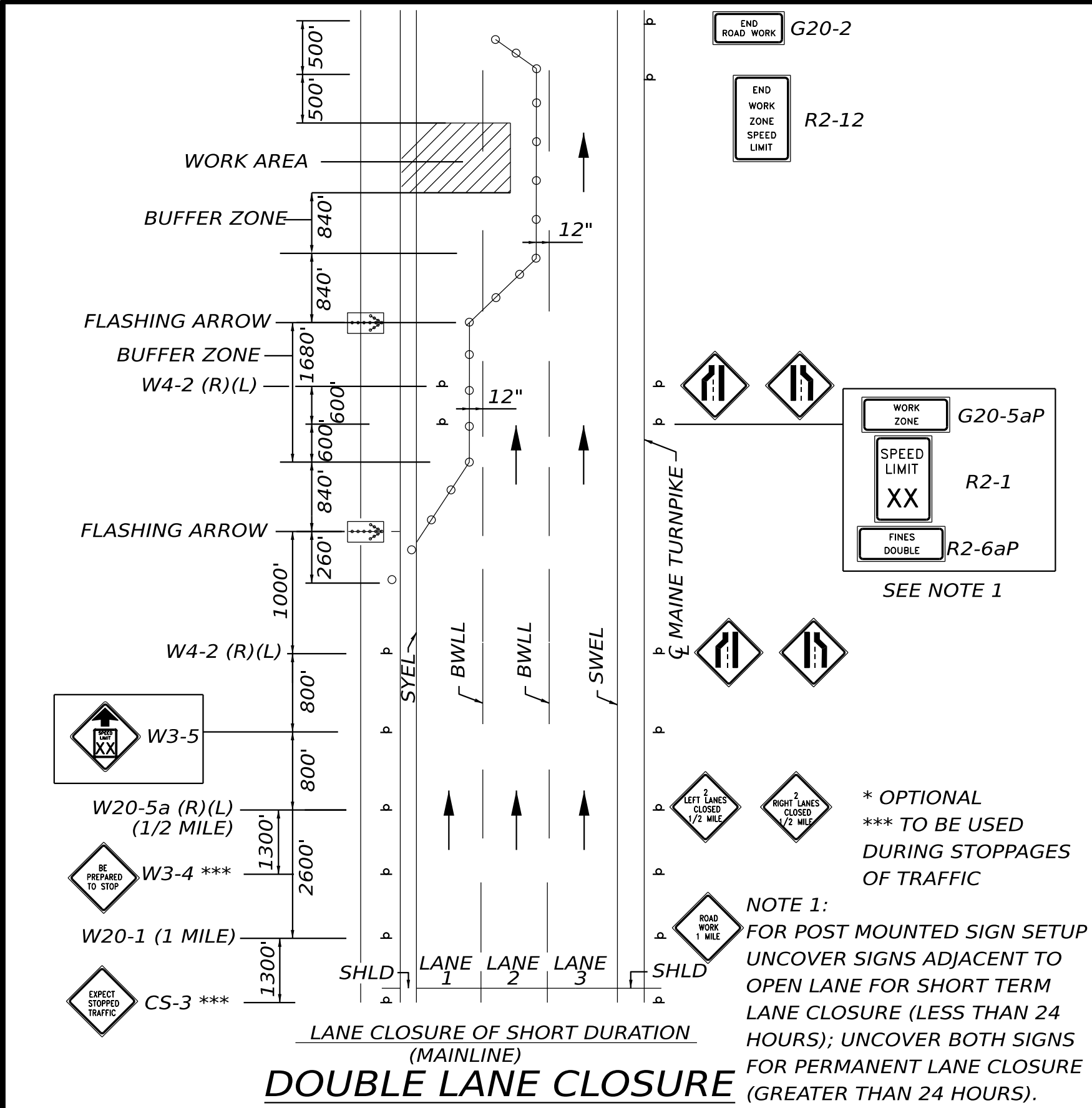
VANASSE HANGEN BRUSTLIN, INC.
600 Southborough Dr.
Suite 100
South Portland, ME 04106
TEL (207) 889-3150
FAX (207) 253-5596



THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: BRIAN A. TADDEO

CAPTAIN THOMAS ROAD
EMERGENCY VEHICLE RAMP
MAINTENANCE OF TRAFFIC DETAILS



GENERAL MAINTENANCE OF TRAFFIC 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 FORTURNPIKE 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.
- SPEED LIMIT, STOP AND YIELD 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.

ABBREVIATIONS FOR ALL M.O.T. PLANS

BWLL = BROKEN WHITE LANE LINE TBWLL = TEMPORARY BROKEN WHITE LANE LINE
SWEL = SOLID WHITE EDGE LINE TDWEL = TEMPORARY DOTTED WHITE EDGE LINE
SYEL = SOLID YELLOW EDGE LINE TSWEL = TEMPORARY SOLID WHITE EDGE 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 (1 UNIT)
* UPSTREAM FROM THE TAPER FOR THE WORKZONE (2 UNITS)
* BOTH ADJACENT TO THE WORKZONE AND PRIOR TO THE TAPER (3 UNITS)
W8-1 SIGNS SHALL BE PLACED ADJACENT TO THE FIRST RUMBLE STRIP AT ANY LOCATION. ONLY ONE SET OF W8-24a 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 W8-24a SIGNS SHALL BE MOVED TO 400' AFTER THE W20-5 SIGNS.

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No.	Revision	By	Date				
				CONSULTANT PROJECT MANAGER: E. FLYNN			
				By	Date	By	Date
				Designed	MLG 8/8/2025	Checked	MDS 8/8/2025
				Drawn	JAR 8/8/2025	In Charge of	ECF 8/8/2025

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MEMORIAL HIGHWAY**

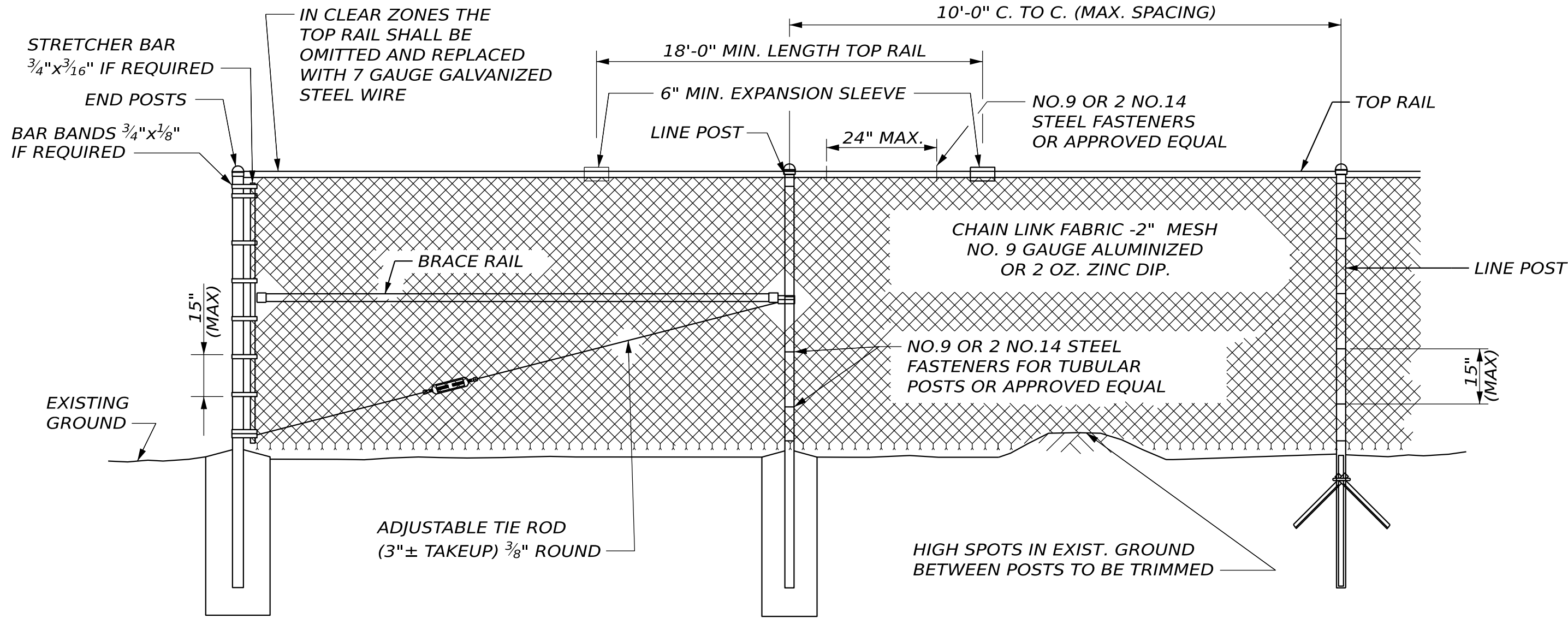
MTA PROJECT MANAGER: BRIAN A. TADDEO

**CAPTAIN THOMAS ROAD
EMERGENCY VEHICLE RAMP**

MAINTENANCE OF TRAFFIC DETAILS

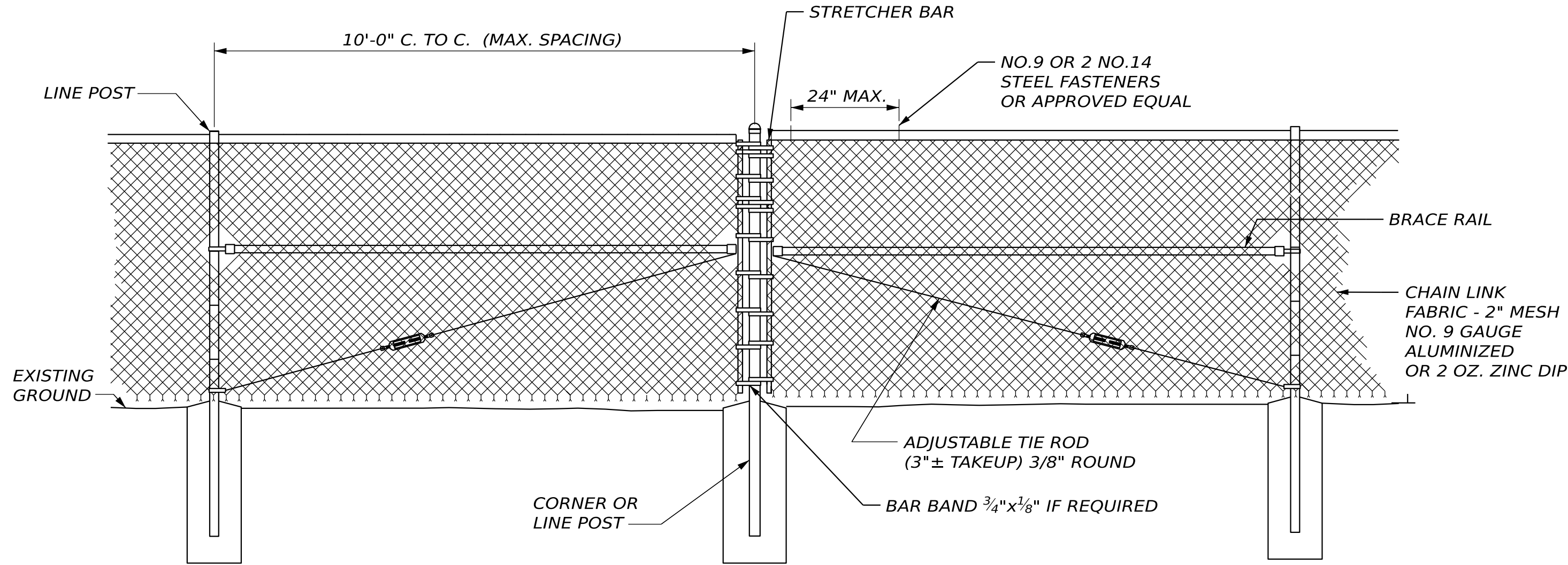
VHB: 55869.00 SHEET NUMBER: 6
CONTRACT: 2026.11 6 OF 15

Date: 8/8/2025
Username: BDARRAH



TYPICAL TYPE I END PANEL
NOT TO SCALE

TYPICAL INTERMEDIATE PANEL
NOT TO SCALE

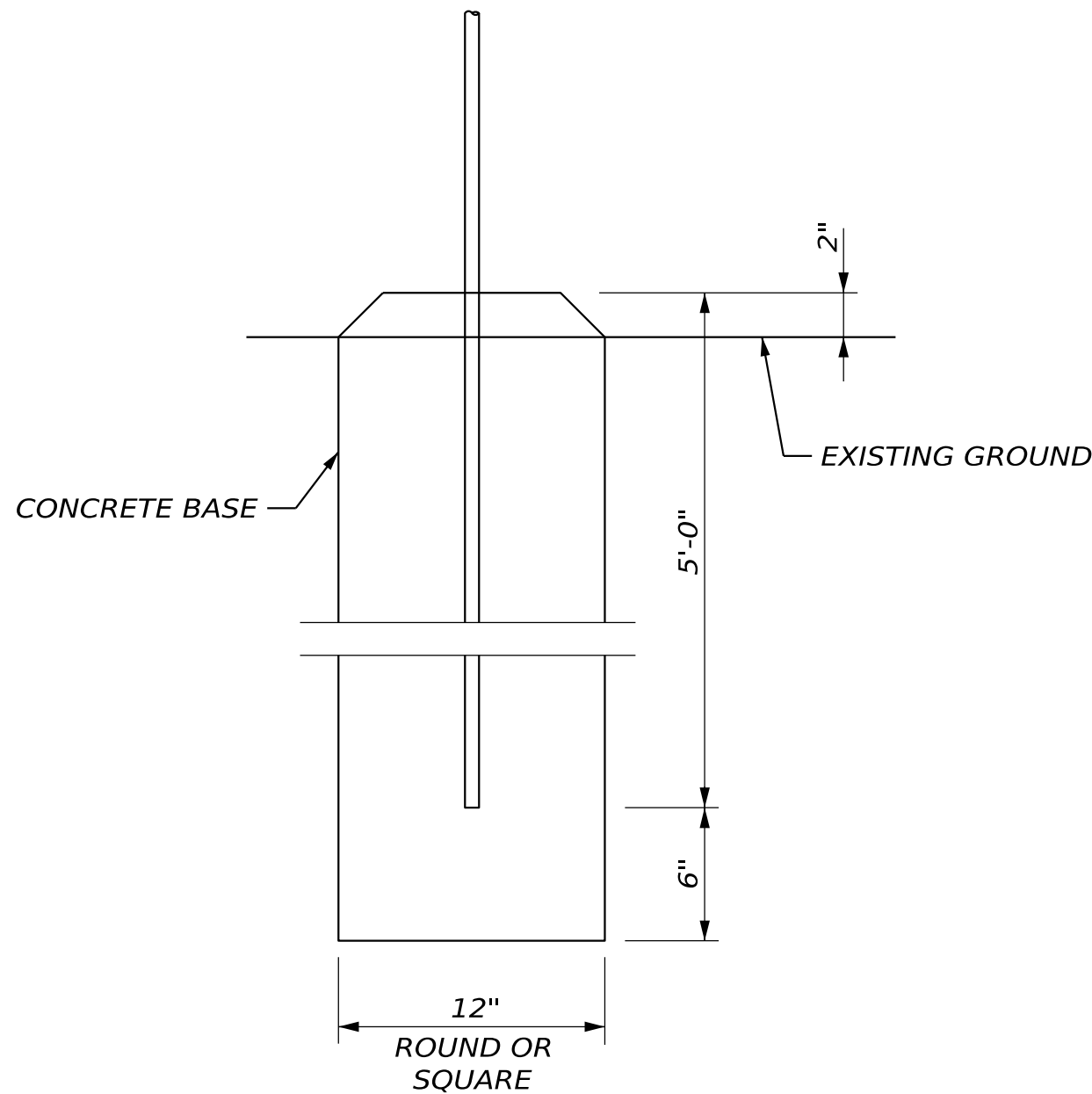


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NOT TO SCALE

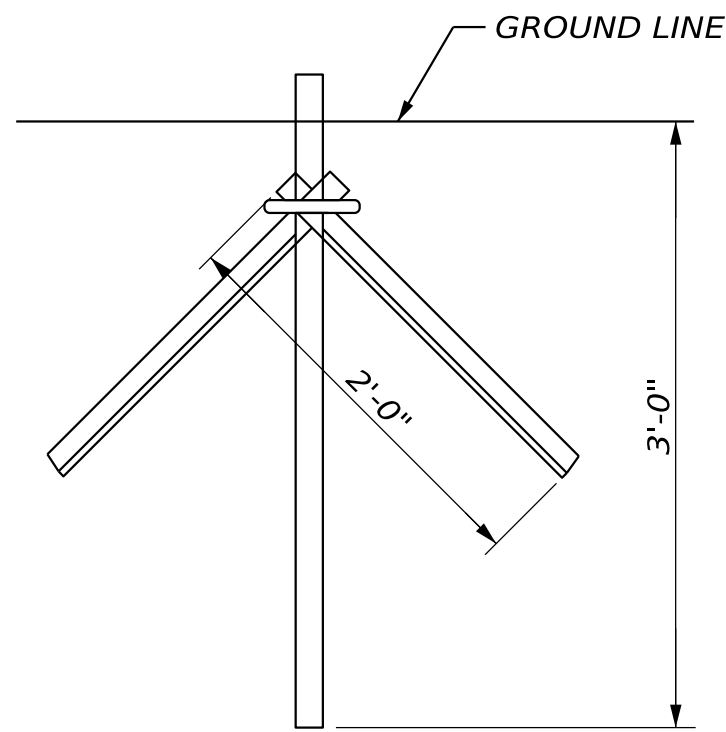
BENDING MOMENTS BASED ON GRADE 1
(SCHEDULE 40 STEEL)

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

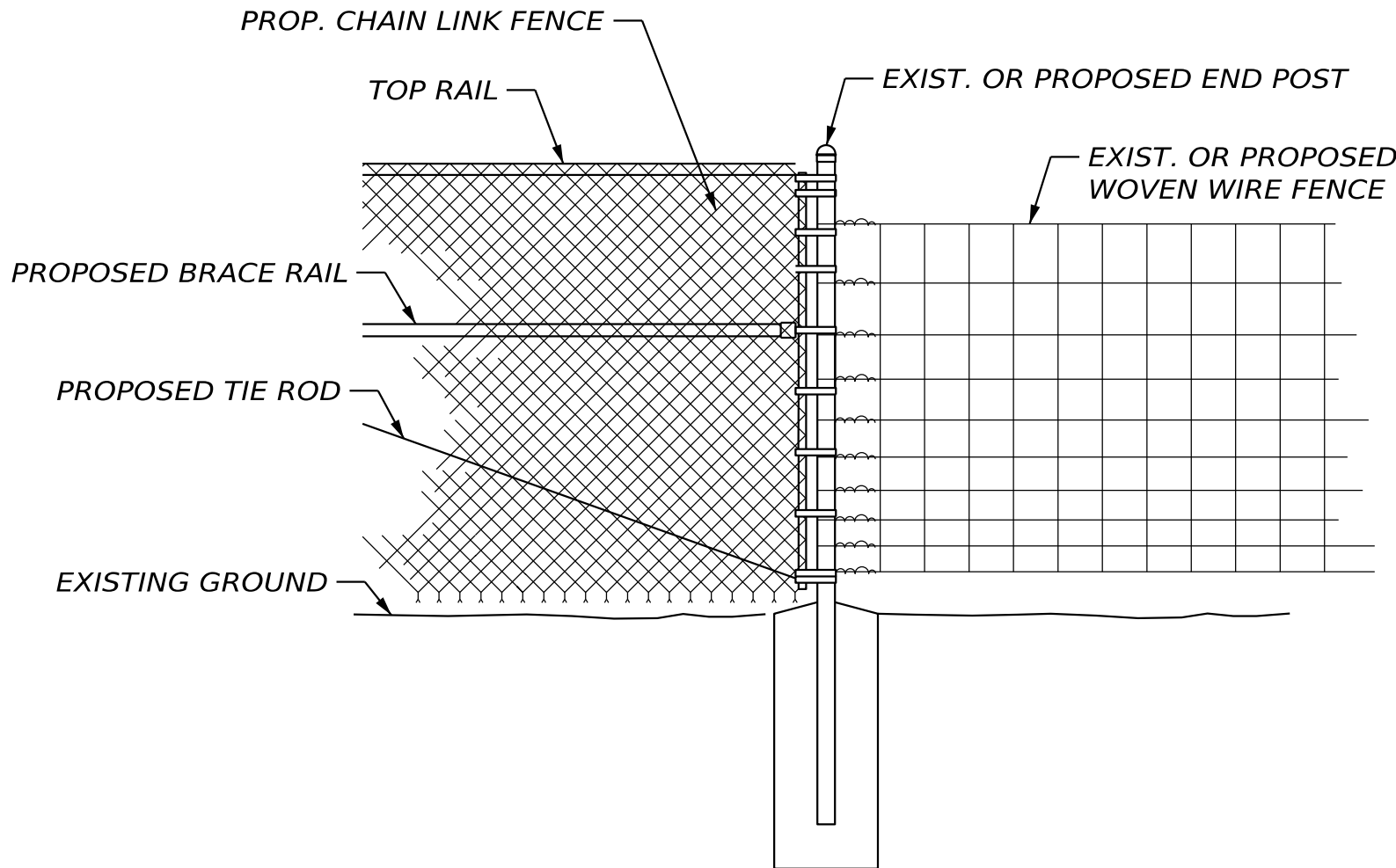
* MATERIAL FOR GRADE 2 END, CORNER & LINE POSTS AND TOP & BRACE RAILS MUST MEET OR EXCEED BENDING MOMENTS FOR GRADE 1 STEEL AS NOTED ABOVE.



BRACE, GATE AND END POST BASE DETAIL
NOT TO SCALE



LINE POST DRIVE ANCHOR DETAIL
NOT TO SCALE




METHOD OF ATTACHING CHAIN LINK FENCE TO WOVEN WIRE FENCE
NOT TO SCALE

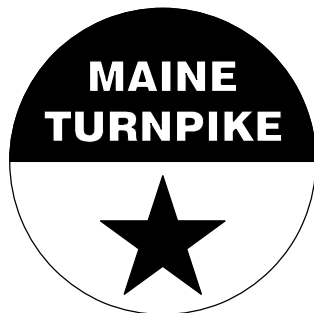
NOTES:

- 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.

Scale:			
No.	Revision	By	Date

Designed by:					
					
CONSULTANT PROJECT MANAGER: E. FLYNN					
	By	Date		By	Date
Designed	AHS	8/8/2025	Checked	BMD	8/8/2025
Drawn	AHS	8/8/2025	In Charge of	ECF	8/8/2025

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: BRIAN A. TADDEO

**CAPTAIN THOMAS ROAD
EMERGENCY VEHICLE RAMP
FENCING DETAILS**

VHB: 55869.00

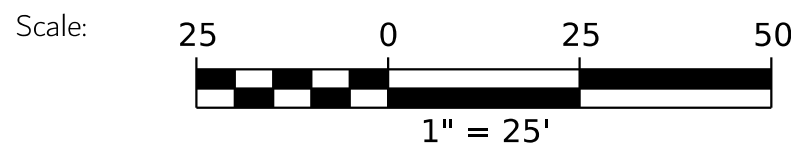
CONTRACT: 2026.11

SHEET NUMBER: 7

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CURVE DATA #1
PI = 200+91.65
D = 143°14'22.02"
Δ = 39°37'27.89" (RT)
R = 40.00'
L = 27.66'
T = 14.41'
E = 2.52'

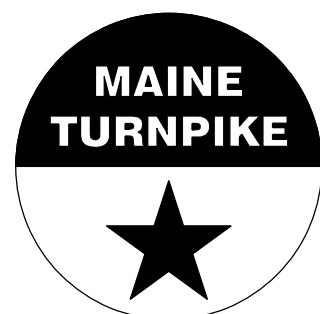
CURVE DATA #2
PI = 202+64.64
D = 47°44'47.34"
Δ = 25°33'50.91" (RT)
R = 120.00'
L = 53.54'
T = 27.22'
E = 3.05'



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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: BRIAN A. TADDEO

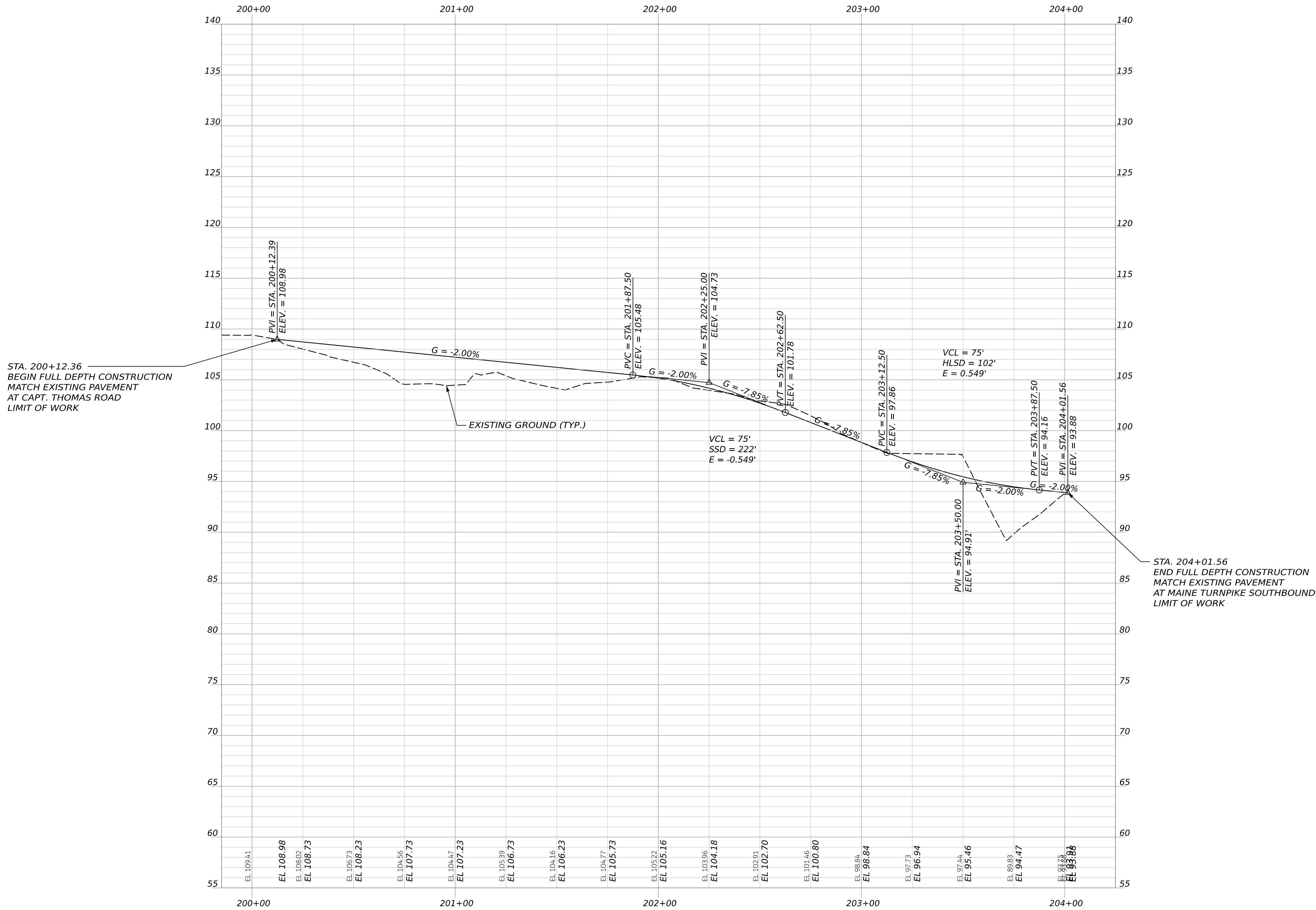
CAPTAIN THOMAS ROAD EMERGENCY VEHICLE RAMP GENERAL PLAN

VHB: 55869.00

CONTRACT: 2026.11

SHEET NUMBER: 8

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SOUTHBOUND EVR PROFILE

Scale: HORI. 25 0 25 50			
VERT. 5 0 5 10			
No.	Revision	By	Date

Designed by:					
CONSULTANT PROJECT MANAGER: E. FLYNN					
	By	Date		By	Date
Designed	AHS	8/8/2025	Checked	BMD	8/8/2025
Drawn	AHS	8/8/2025	In Charge of	ECF	8/8/2025

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THE GOLD STAR
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MTA PROJECT MANAGER: BRIAN A. TADDEO

CAPTAIN THOMAS ROAD EMERGENCY VEHICLE RAMP PROFILE

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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.

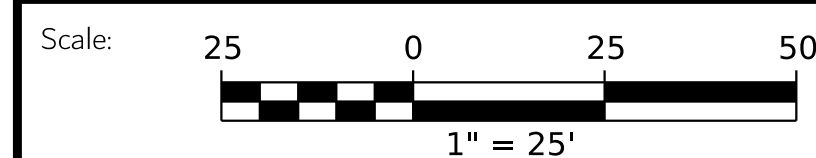
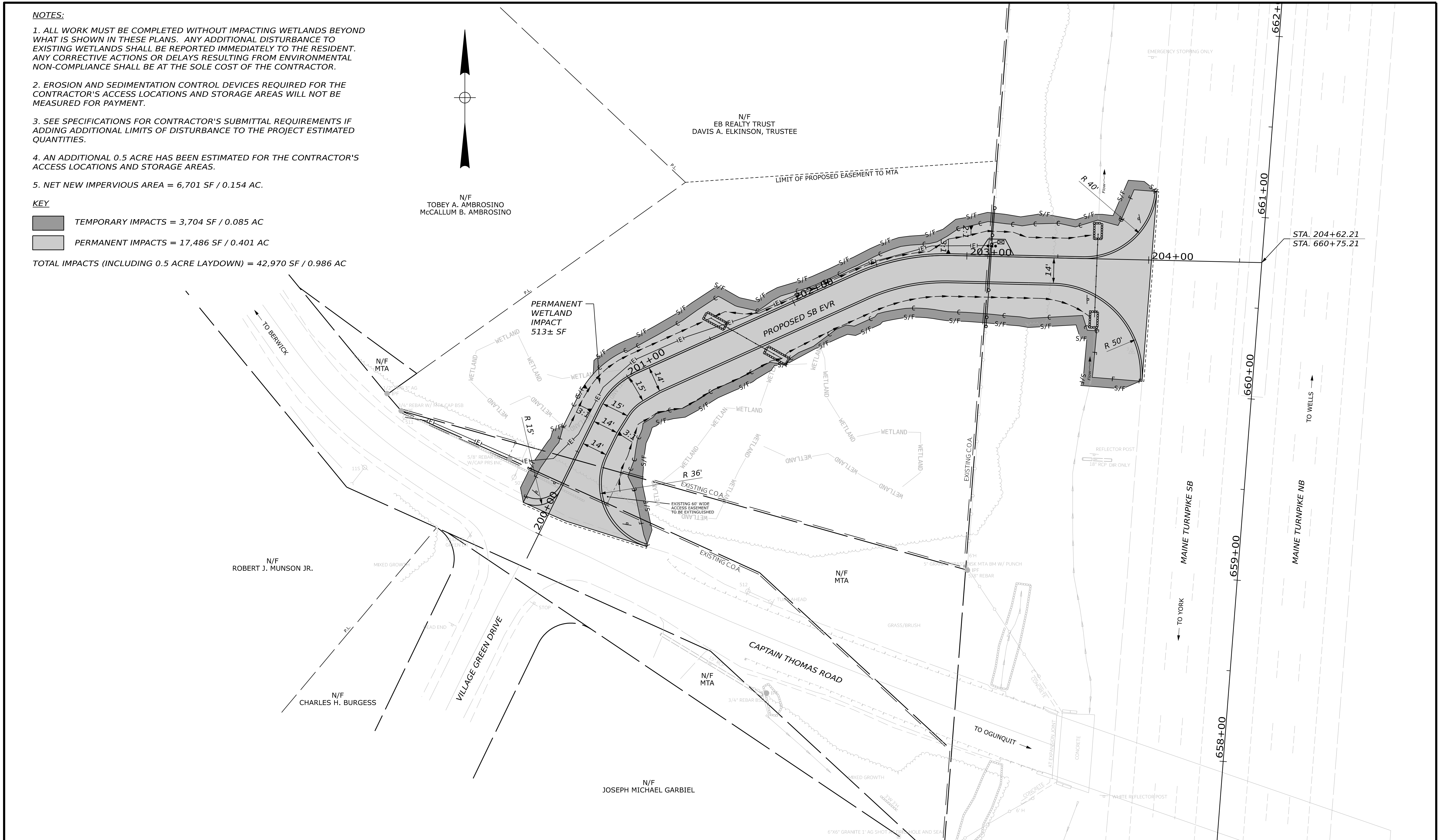
3. SEE SPECIFICATIONS FOR CONTRACTOR'S SUBMITTAL REQUIREMENTS IF ADDING ADDITIONAL LIMITS OF DISTURBANCE TO THE PROJECT ESTIMATED QUANTITIES.

5. NET NEW IMPERVIOUS AREA = 6,701 SF / 0.154 AC.

TEMPORARY IMPACTS = 3,704 SF / 0.085 AC

PERMANENT IMPACTS = 17,486 SF / 0.401 AC


TOTAL IMPACTS (INCLUDING 0.5 ACRE LAYDOWN) = 42,970 SF / 0.986 AC



No.	Revision	By	Date



CONSULTANT PROJECT MANAGER:			E. FLYNN		
	By	Date		By	Date
Designed	AHS	8/8/2025	Checked	BMD	8/8/2025
Drawn	AHS	8/8/2025	In Charge of	ECF	8/8/2025

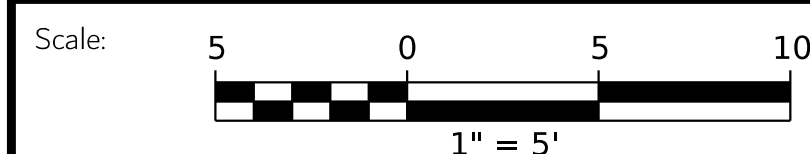
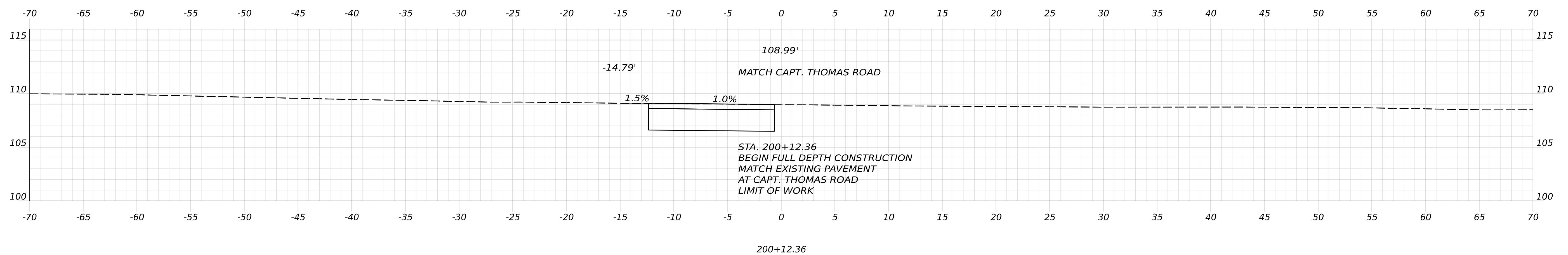
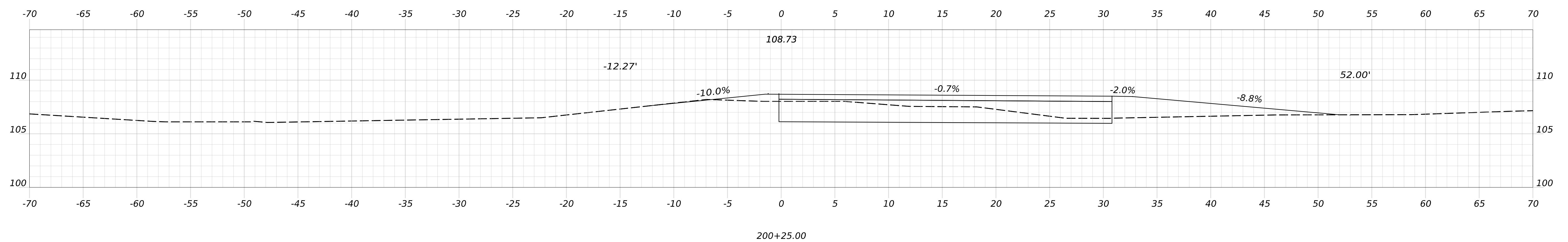
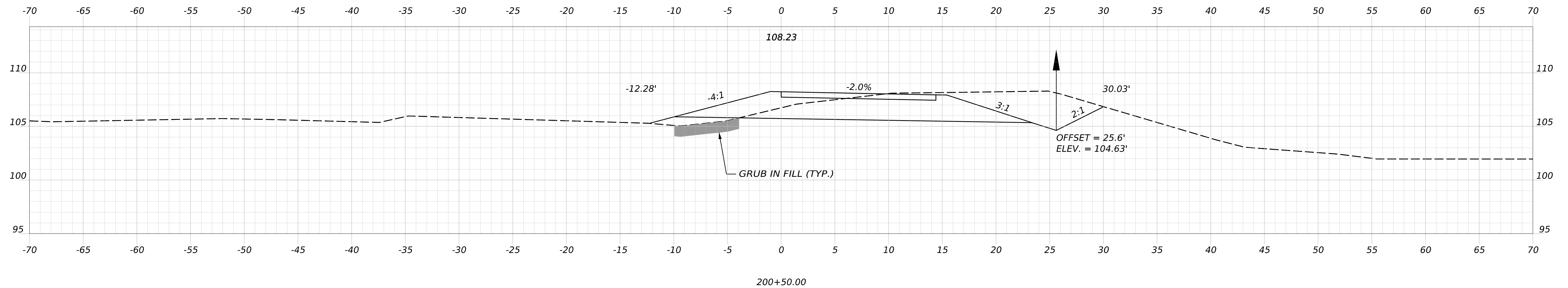


THE GOLD STAR MEMORIAL HIGHWAY

CAPTAIN THOMAS ROAD EMERGENCY VEHICLE RAMP DISTURBANCE IMPACT PLAN

SHEET NUMBER: 10

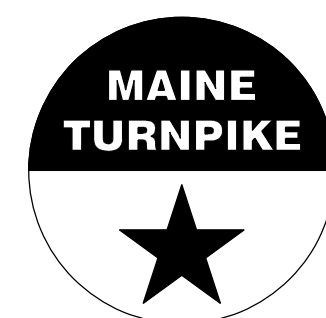
10 OF 15



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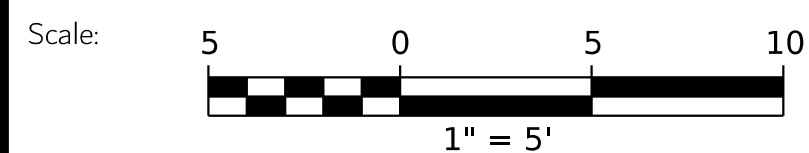
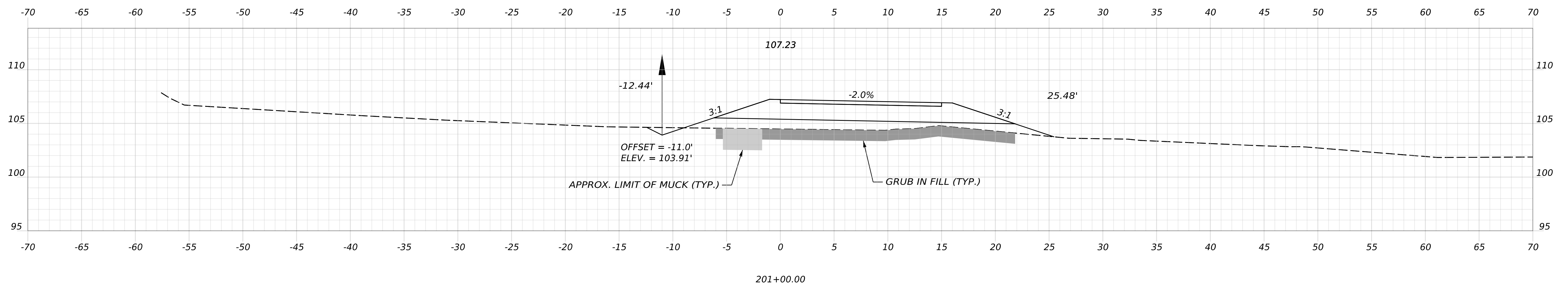
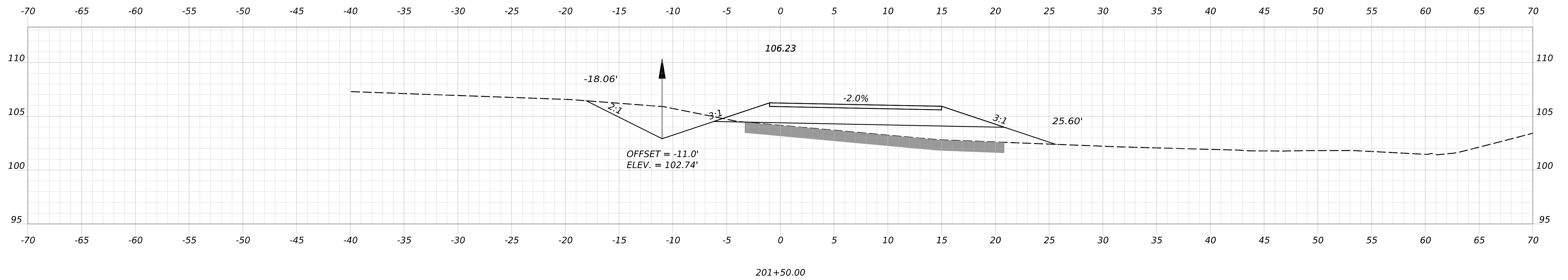


THE GOLD STAR MEMORIAL HIGHWAY

CAPTAIN THOMAS ROAD EMERGENCY VEHICLE RAMP CROSS SECTIONS

VHB: 55869.00	SHEET NUMBER: 11
CONTRACT: 2026.11	11 OF 15

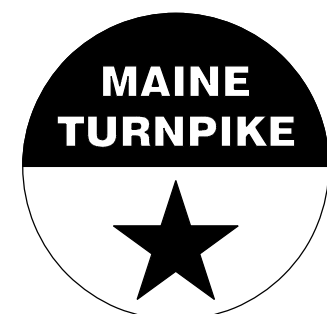
Date: 8/8/2025
Username: ASIEGEL



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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: BRIAN A. TADDEO

CAPTAIN THOMAS ROAD EMERGENCY VEHICLE RAMP CROSS SECTIONS

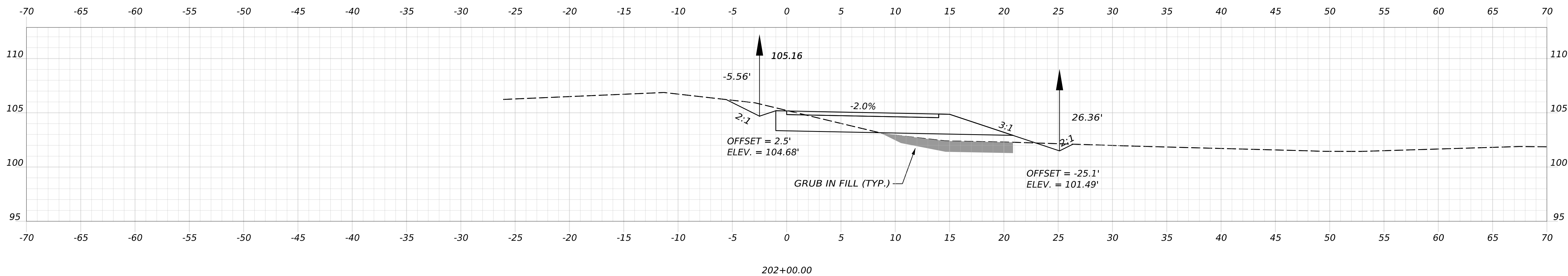
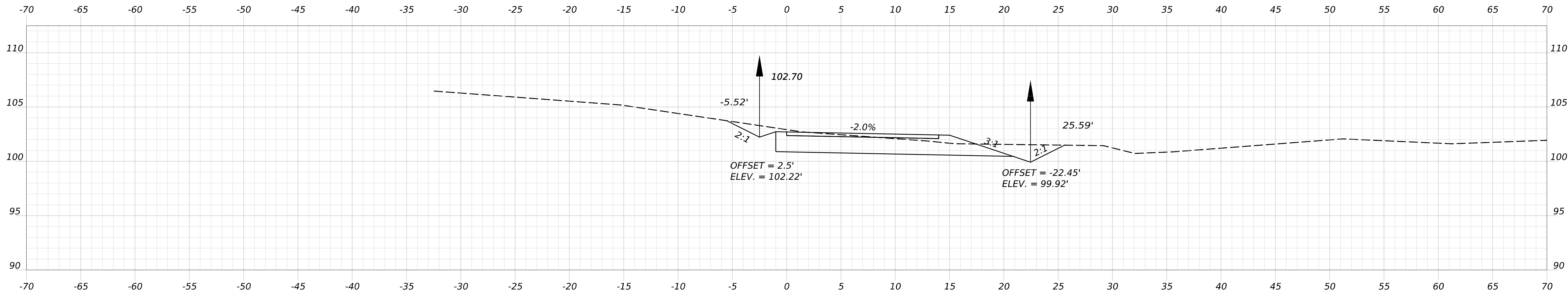
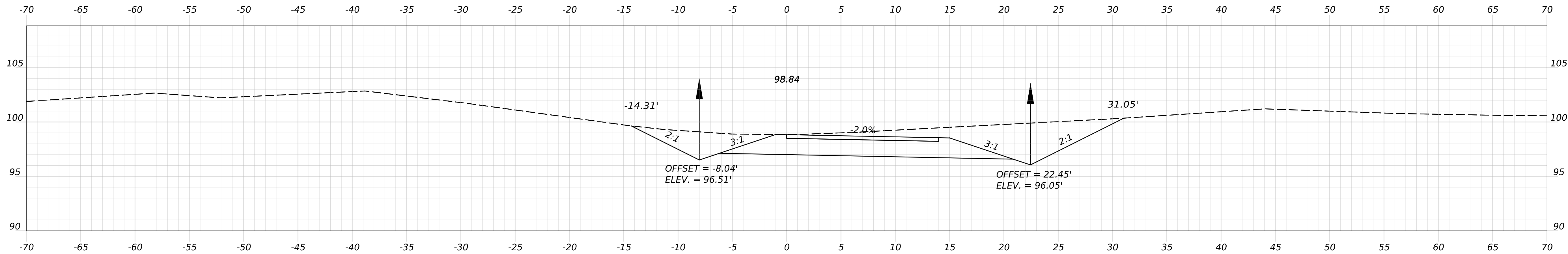
VHB: 55869.00

SHEET NUMBER: 12

CONTRACT: 2026.11

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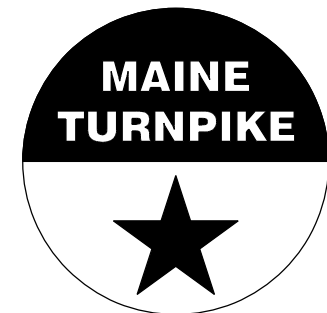
Date: 8/8/2025
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Scale: 1" = 5'			
No.	Revision	By	Date

Designed by:					
CONSULTANT PROJECT MANAGER: E. FLYNN					
	By	Date		By	Date
Designed	AHS	8/8/2025	Checked	BMD	8/8/2025
Drawn	AHS	8/8/2025	In Charge of	ECF	8/8/2025

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THE GOLD STAR
MEMORIAL HIGHWAY

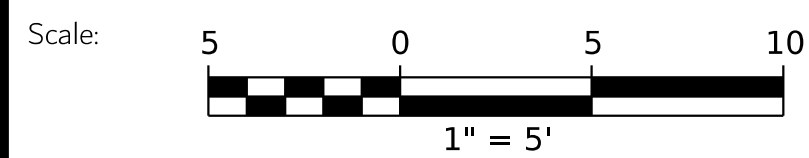
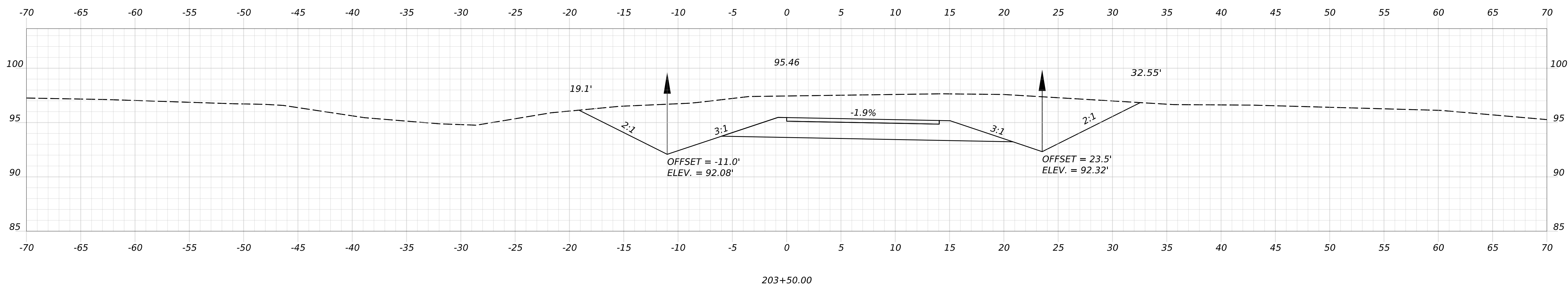
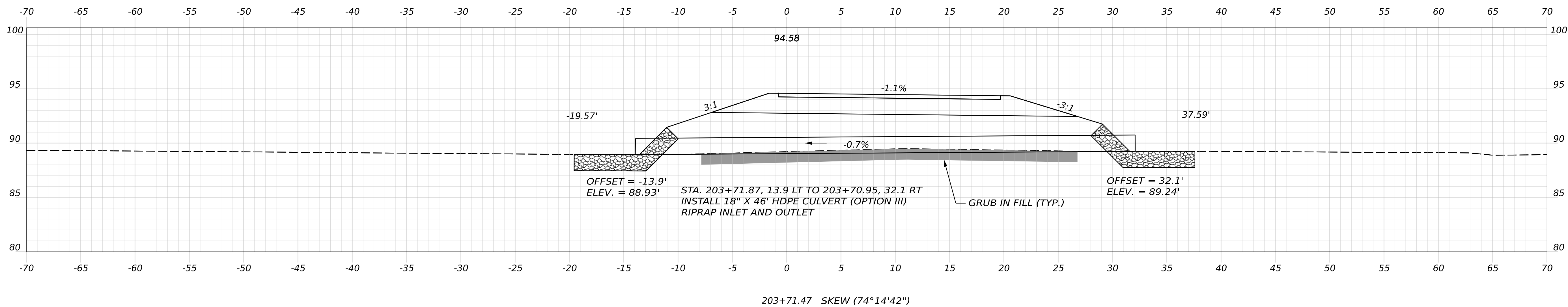
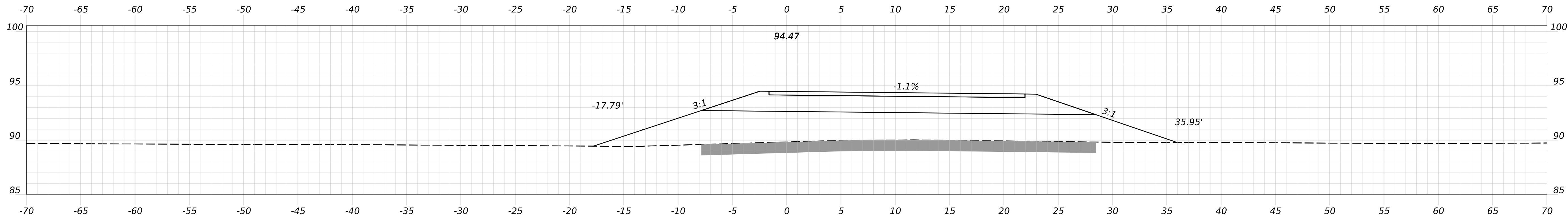
MTA PROJECT MANAGER: BRIAN A. TADDEO

CAPTAIN THOMAS ROAD EMERGENCY VEHICLE RAMP CROSS SECTIONS

VHB: 55869.00	SHEET NUMBER: 13
CONTRACT: 2026.11	13 OF 15

Date: 8/8/2025

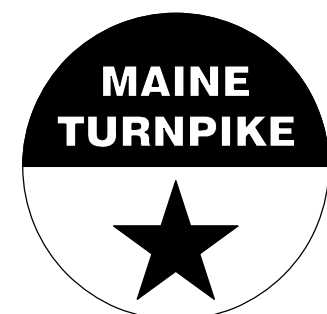
Username: ASIEGEL



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THE GOLD STAR
MEMORIAL HIGHWAY

CAPTAIN THOMAS ROAD
EMERGENCY VEHICLE RAMP
CROSS SECTIONS

VHB: 55869.00

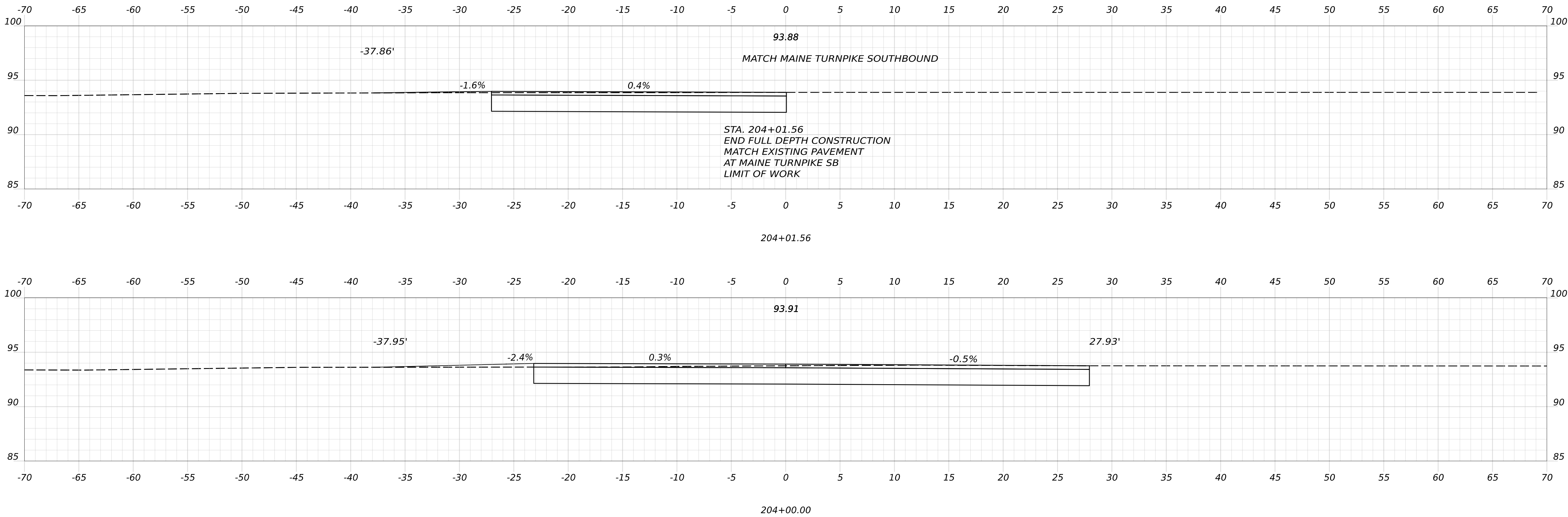
SHEET NUMBER: 14

CONTRACT: 2026.11

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Date: 8/8/2025

Username: BDARRAH



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CONSULTANT PROJECT MANAGER: E. FLYNN					
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Designed	AHS	8/8/2025	Checked	BMD	8/8/2025
Drawn	AHS	8/8/2025	In Charge of	ECF	8/8/2025

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: BRIAN A. TADDEO

**CAPTAIN THOMAS ROAD
EMERGENCY VEHICLE RAMP
CROSS SECTIONS**

VHB: 55869.00
CONTRACT: 2026.11

SHEET NUMBER: 15
15 OF 15