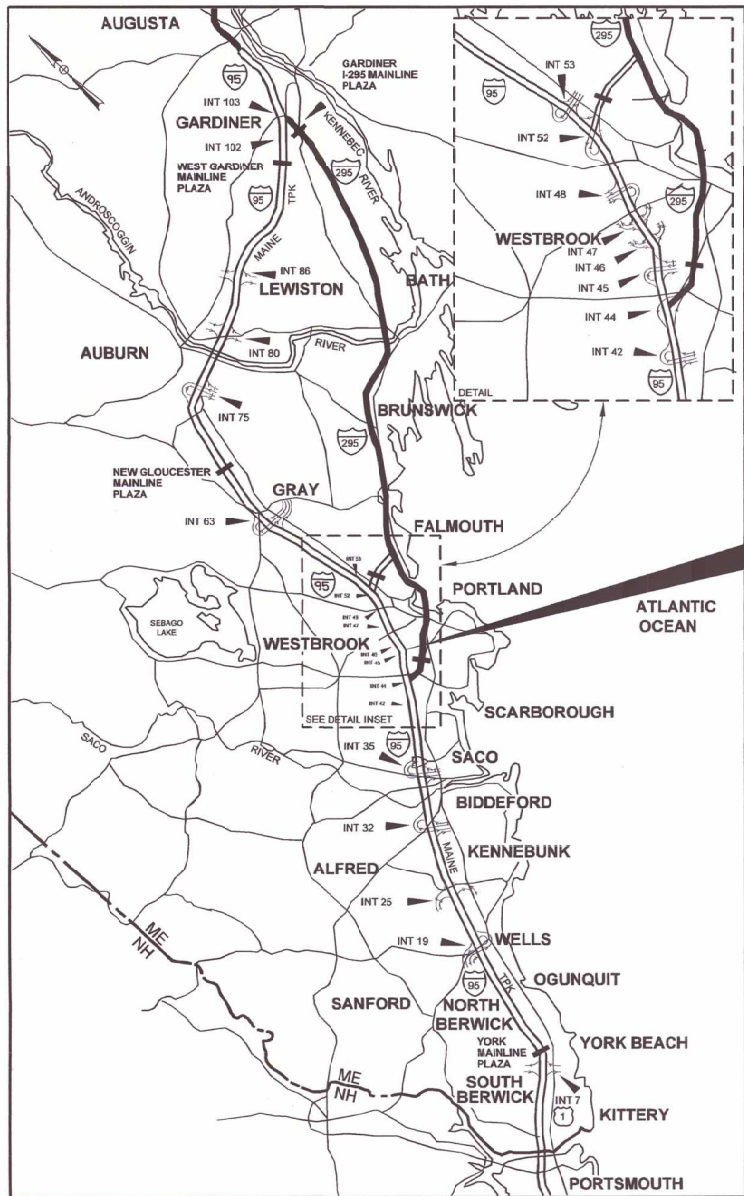


Date: 5/1/2025

Filename: 001_Title Sheet.dgn



LOCATION MAP

APPROVED: MAINE TURNPIKE AUTHORITY



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

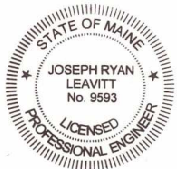
ANDRE J. BRIERE, EXECUTIVE DIRECTOR

CONTRACT 2025.13 EXIT 45 INTERCHANGE PAVING BRIDGE APPROACHES AND NORTHBOUND ON RAMP

INDEX OF SHEETS

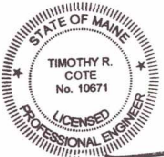
PAGE NO.	SHEET NO.	DESCRIPTION
1		TITLE SHEET
2	C-1	ESTIMATED QUANTITIES AND GENERAL NOTES
3	P-1	MAINTENANCE OF TRAFFIC I
4	P-2	SIGN SUMMARY I
5	P-3	SIGN SUMMARY II
6	P-4	MAINTENANCE OF TRAFFIC II
7	P-5	MAINTENANCE OF TRAFFIC III
8	P-6	MAINTENANCE OF TRAFFIC IV
9	P-7	EXIT 47 BRIDGE JOINTS
10	TS-01	TYPICAL SECTIONS
11	DT-01	MISCELLANEOUS DETAILS
12	PL-01	HIGHWAY PLAN
13	PR-01	PROFILE-ROUTE 703
14	PR-02	PROFILE-RAMP C, NORTHBOUND ON RAMP
15	PR-03	PROFILE-NB ON EVR
16-25	XS-01-10	CROSS SECTIONS

CONTRACT 2025.13



Joseph R. Leavitt
JOSEPH R. LEAVITT, P.E.
CONSTRUCTION PROJECT MANAGER
SHEETS 1-9

5/1/2025
DATE



TIMOTHY R. COTE, P.E.
VICE PRESIDENT / PROJECT DIRECTOR
SHEETS 10-25

5/1/2025
DATE



Stephen R. Tartr
STEPHEN R. TARTR, P.E., - CHIEF ENGINEER/DIRECTOR OF ENGINEERING

5/1/25
DATE

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ESTIMATED QUANTITIES

ITEM NO.	ITEM DESCRIPTION	UNIT	TOTAL QUANTITY
202.202	Removing Pavement Surface	SY	4,350
202.220	Grooved Pavement Strips	LF	380
203.24	Common Borrow	CY	410
304.14	Aggregate Base Course - Type A	CY	17
403.207	Hot Mix Asphalt 19.0 mm Nominal Maximum Size	TON	950
403.208	Hot Mix Asphalt 12.5 mm Nominal Maximum Size	TON	370
403.212	Hot Mix Asphalt, 4.75 mm Nominal Maximum Size	TON	80
403.213	Hot Mix Asphalt, 12.5 mm Nominal Maximum Size(Base and Intermediate Base course)	TON	240
409.15	Bituminous Tack Coat RS1 or RS1H - Applied	GAL	500
470.08	Berm Dropoff Correction - Grindings	TON	10
520.232	Asphaltic Plug Joint - Exit 45	LF	130
520.233	Asphaltic Plug Joint - Exit 47	LF	100
610.08	Plain Riprap	CY	20
615.07	Loam	CY	230
618.14	Seeding Method Number 2	UNIT	19
619.1201	Mulch - Plan Quantity	UNIT	19
619.1202	Temporary Mulch	LS	1
626.122	Quazite Junction Box(18x11)	EA	6
626.22	Non-metallic Conduit	LF	350
627.712	White Or Yellow Painted Pavement Marking Line	LF	2,100
627.745	6" White or Yellow Polyurea Pavement Marking Line	LF	1,350
627.812	Temporary Raised Pavement Markers	EA	500
627.944	Pavement Markings - Recessed Tape - Words, Arrows, Stop Bars	SF	210
629.05	Hand Labor, Straight Time	HR	20
631.10	Air Compressor (including operator)	HR	10
631.11	Air Tool (including operator)	HR	10
631.12	All Purpose Excavator (including operator)	HR	10
631.133	Skid Steer (including operator)	HR	10
631.172	Truck-large (including operator)	HR	20
645.305	Sign Mounted Beacon Array	LS	1
645.511	36" x48" Radar Activated Flashing LED Right Chevron Waming Signs	EA	5
652.361	Maintenance of Traffic Control Devices - Exit 45	LS	1
652.3611	Maintenance of Traffic Control Devices - Exit 47	LS	1
652.41	Portable - Changeable Message Sign	EA	4
652.450	Truck Mounted Attenuator	EA	2
656.50	Baled Hay, In Place	EA	5
656.632	30 Inch Temporary Silt Fence	LF	700
659.10	Mobilization	LS	1

UTILITY NOTES

- EXISTING UTILITIES ON THESE PLANS WERE COMPILED FROM EXISTING PLANS 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 IS ALSO REQUIRED TO CALL DIG SAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO THE START OF THE WORK.
- THE CONTRACTOR SHALL NOTIFY ALL NON-MEMBERS THROUGH WWW.OKtoDIG.COM OR AS OTHERWISE REQUIRED BY THE MAINE PUBLIC UTILITIES COMMISSION. ALL PROPOSED SIGN LOCATIONS AND EXCAVATION LOCATIONS SHALL BE MARKED AT THE NOTIFICATION TIME. NO EXCAVATION SHALL BE PERMITTED UNTIL THE AUTHORITY HAS LOCATED AND MARKED ITS UNDERGROUND UTILITIES. THE RESIDENT ENGINEER SHALL BE PROVIDED AN ELECTRONIC COPY OF ALL DIG SAFE TICKETS WITHIN 24 HOURS OF THEIR RELEASE FOR PROJECT NOTIFICATIONS AND 3RD PARTY UTILITY LOCATER 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.
- FOLLOWING THE COMPLETION OF THE INITIAL UTILITY LOCATE THE CONTRACTOR WILL GPS LOCATE ALL UTILITIES WITHIN THE PROJECT LIMITS AND PROVIDE A COPY OF THE DIG SAFE RECORDS TO THE AUTHORITY. THE CONTRACTOR, ACTING AS THE AUTHORITY'S THIRD PARTY LOCATOR SHALL BE RESPONSIBLE FOR REMARKING ALL MAINE TURNPIKE FACILITIES WHEN A DIG SAFE UTILITY LOCATE IS CALL FOR IN THE PROJECT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.

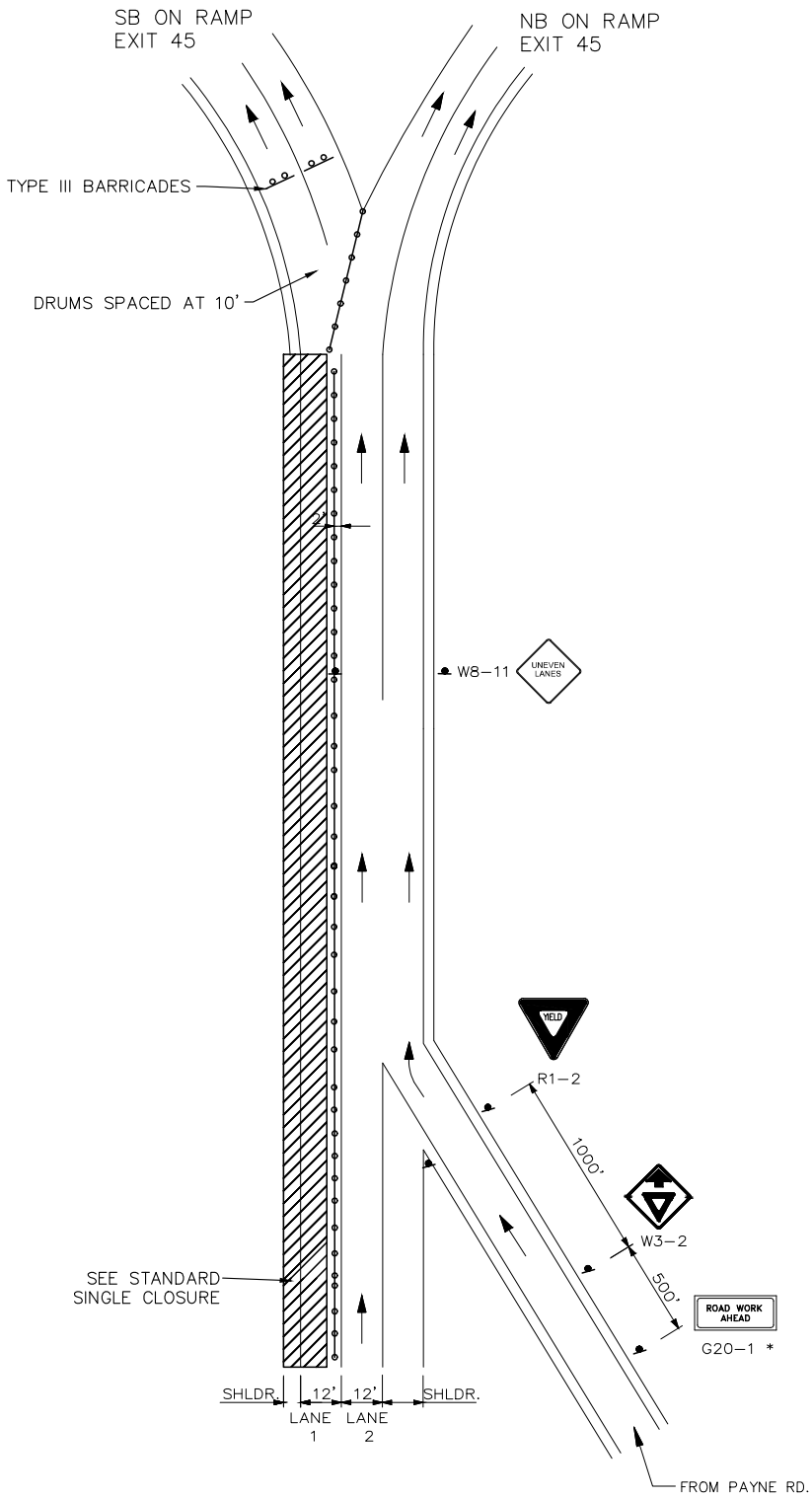
DRAINAGE NOTES

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

EROSION CONTROL

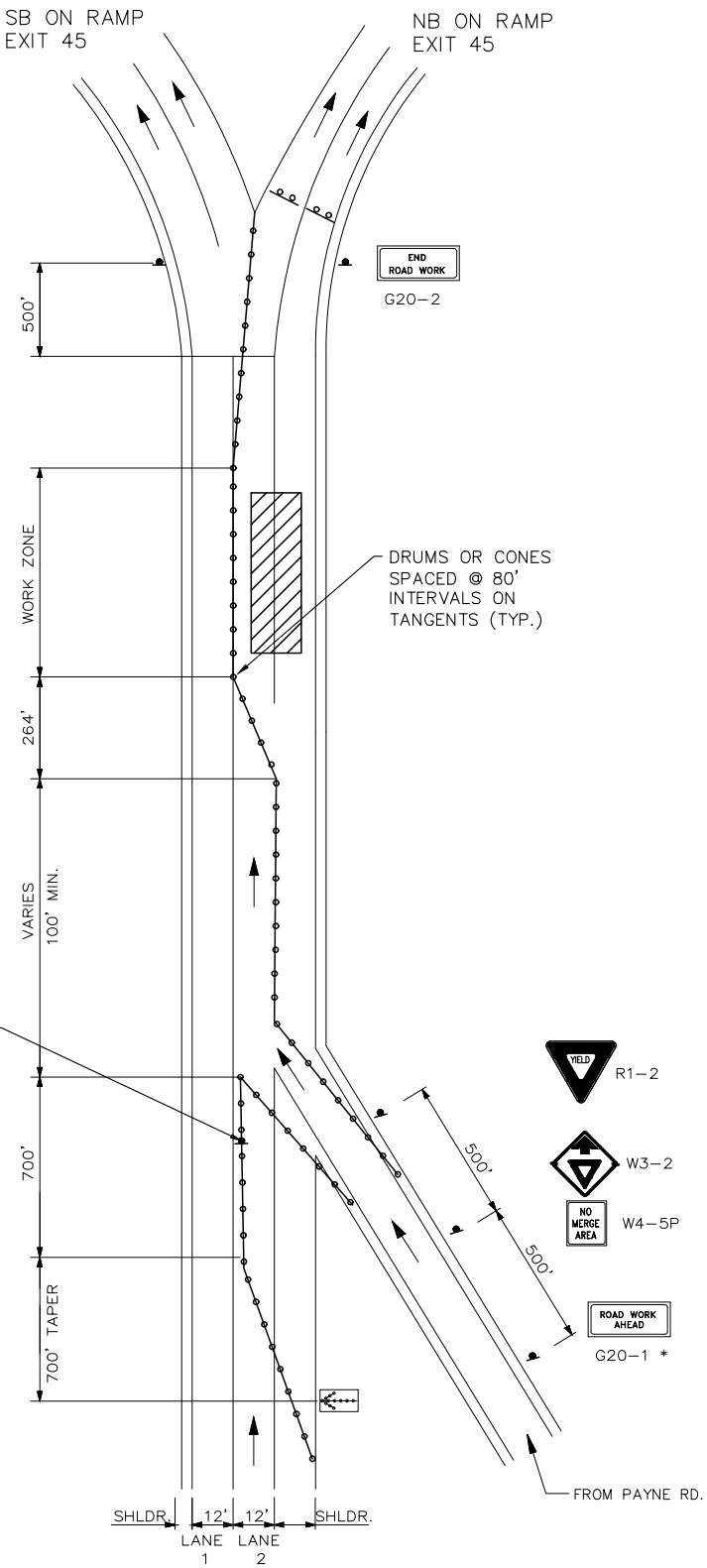
- ADDITIONAL MEASURES MAY BE PROPOSED BY THE CONTRACTOR DUE TO SITE OR WEATHER CONDITIONS. THE RESIDENT MAY DIRECT THE CONTRACTOR TO IMPLEMENT ADDITIONAL MEASURES, ANY ADDITIONAL MEASURES APPROVED BY THE RESIDENT WILL BE MEASURED FOR PAYMENT.
- ALL TEMPORARY EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION BEST MANAGEMENT PRACTICES.

Scale: NOT TO SCALE				Designed by: 						MAINE TURNPIKE AUTHORITY 2360 Congress Street Portland, ME 04102 TEL (207) 871-7771 FAX (207) 879-5567						 THE GOLD STAR MEMORIAL HIGHWAY						EXIT 45 INTERCHANGE PAVING					
No.	Revision			By	Date													ESTIMATED QUATITIES AND GENERAL NOTES									
					Designed	By	Date		Checked	By	Date								SHEET NUMBER: C-1								
					Drawn	BMB	04/30/25		In Charge of	SRT	04/30/25								CONTRACT: 2025.13								
												MTA PROJECT MANAGER: JOSEPH RYAN LEAVITT, P.E.															
																		2 of 25									



LANE 1 703 SOUTHBOUND ON RAMP EXIT 45 CLOSED
TRAFFIC IN LANE 2 NB ON RAMP OPEN

EXIT 45



TRAVEL LANE CLOSURE AT RAMPS 703
FROM PAYNE ROAD

NOTES:

- 1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
- 2. LANE CLOSURES AT ENTRANCE AND EXIT RAMPS AY BE COMBINED IF APPROVED BY THE RESIDENT.
- 3. CONTRACTOR SHALL RELOCATE CONSTRUCTION SIGNS AS DIRECTED BY THE RESIDENT.
- 4. ALL STOP AND YIELD SIGNS SHALL BE MOUNTED 5' ABOVE THE PAVEMENT.

LEGEND

- [Symbol] = FLASHING ARROW BOARD
- [Symbol] = CONSTRUCTION SIGN
- [Symbol] = PORTABLE - CHANGEABLE MESSAGE SIGN
- [Symbol] = DRUM SPACED AT 80' INTERVALS ON TANGENTS 40' INTERVALS ON TAPERS
- [Symbol] = WORK AREA

NOTE: STOP SIGN SHALL ONLY BE USED AS APPROVED BY THE RESIDENT DURING NIGHTTIME OPERATIONS WHEN A 100'(MIN) ACCELERATION LANE WITH 264' MERGING TAPER CANNOT BE PROVIDED.

Scale:			
NOT TO SCALE			
No.	Revision	By	Date

Designed by:							
	By	Date		By	Date		
Designed	JRL	04/30/25	Checked	HJM	04/30/25		
Drawn	BMB	04/30/25	In Charge of	SRT	04/30/25		

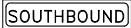
MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567

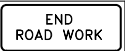
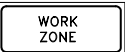
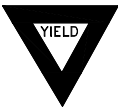
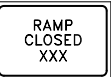


THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JOSEPH RYAN LEAVITT, P.E.

EXIT 45 INTERCHANGE PAVING	
TRAFFIC CONTROL LANE CLOSURE AT ENTRANCE RAMPS	
SHEET NUMBER: P-1	
CONTRACT: 2025.13	3 of 25

IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
CS-3	48"	48"		6" 6" 6"	4" 4"		4	ORANGE	BLACK		16.00 (64)
CS-11	48"	48"		6" 6" 6"	4" 4"		4	ORANGE	BLACK		16.00 (64)
CS-19	48"	48"		6" 6" 6"	4" 4"		4	ORANGE	BLACK		16.00 (64)
CS-38	48"	48"		6" 6" 6"	4" 4"		1	ORANGE	BLACK		16.00 (16)
CS-52	96"	18"	 	8"	5" 5"		5	ORANGE	BLACK		12.00 (36) 12.00 (36)
W20-SR 1/2 MILE	48"	48"		6" 6" 6"	4" 4"		2	ORANGE	BLACK		16.00 (32)

IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
E5-1	72"	60"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" - 2009 & 2012 SUPPLEMENT"			2	GREEN	WHITE		30.00 (60)
CS5-2	60"	48"					2	ORANGE	BLACK		20.00 (40)
G20-1	48"	24"					6	ORANGE	BLACK		8.00 (48)
G20-2	48"	24"					6	ORANGE	BLACK		8.00 (48)
G20-5aP	48"	24"					8	ORANGE	BLACK		8.00 (64)
MI-2	24"	24"					3	RED/ BLUE	WHITE		4.00 (12)
R1-2	60"	60"					2	WHITE	RED		12.50 (25)
R2-1 (50)	48"	60"					8	WHITE	BLACK		20.00 (160)
R2-6aP	48"	24"					8	WHITE	BLACK		8.00 (64)
R1-1	48"	48"					2	RED	WHITE		16.00 (32)
W3-1	48"	48"					2	ORANGE	BLACK		16.00 (32)
W4-5P	60"	48"					2	ORANGE	BLACK		20.00 (40)
CS-2 (AHEAD)	48"	36"					6 6				12.00 (72)

Scale:

NOT TO SCALE

No.	Revision	By	Date

Designed by:



	By	Date		By	Date
Designed	JRL	04/30/25	Checked	HJM	04/30/25
Drawn	BMB	04/30/25	In Charge of	SRT	04/30/25

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567



THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JOSEPH RYAN LEAVITT, P.E.

EXIT 45 INTERCHANGE PAVING

MAINTENANCE OF TRAFFIC
SIGN SUMMARY (1 OF 2)

SHEET NUMBER: P-2

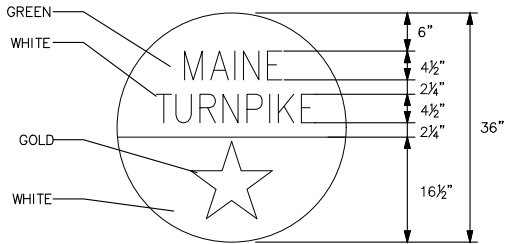
CONTRACT: 2025.13

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IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
R2-12	36"	54"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" - 2009 & 2012 SUPPLEMENT"			4	WHITE	BLACK		13.50 (54)
W1-4L	48"	48"					2	ORANGE	BLACK		16.00 (32)
W1-4R	48"	48"					2	ORANGE	BLACK		16.00 (32)
W3-2a	48"	48"					2	ORANGE	BLACK		16.00 (32)
W3-4	48"	48"					4	ORANGE	BLACK		16.00 (32)
W3-5 (50)	48"	48"					4	ORANGE	BLACK		16.00 (64)
W4-1	48"	48"					1	ORANGE	BLACK		16.00 (16)
W4-2L	48"	48"					2	ORANGE	BLACK		16.00 (32)
W4-2L	48"	48"					2	ORANGE	BLACK		16.00 (32)

IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
W8-15	48"	48"					4	ORANGE	BLACK		16.00 (64)
W8-15P	30"	24"					4	ORANGE	BLACK		5.00 (20)
W20-1 (1 MILE) (AHEAD)	48"	48"					8 4	ORANGE	BLACK		16.00 (64) (64)
W20-5L (1/2 MILE)	48"	48"					2	ORANGE	BLACK		16.00 (32)
W8-1	48"	48"					8	ORANGE	BLACK		16.00 (64)
LOGO S	24"	24"		SEE DETAILS RIGHT			3	SEE DETAILS RIGHT			4.00 (12)



MAINE TURNPIKE SHIELD (MTA)
N.T.S

NOTE: FOR 24" SHIELD REDUCE ALL
MEASUREMENTS BY 1/3.

Scale:

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No.	Revision	By	Date

Designed by:



	By	Date		By	Date
Designed	JRL	04/30/25	Checked	HJM	04/30/25
Drawn	BMB	04/30/25	In Charge of	SRT	04/30/25

MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567



THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JOSEPH RYAN LEAVITT, P.E.

EXIT 45 INTERCHANGE PAVING

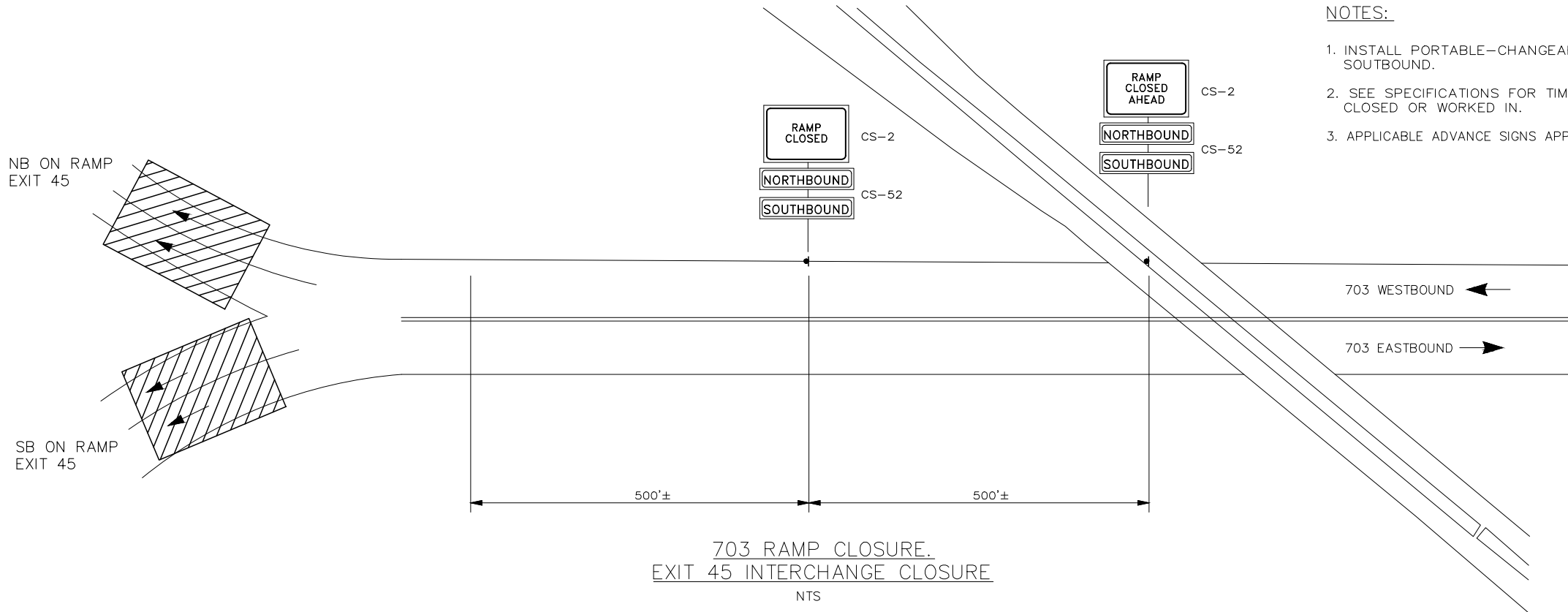
MAINTENANCE OF TRAFFIC
SIGN SUMMARY (2 OF 2)

SHEET NUMBER: P-3

CONTRACT: 2025.13

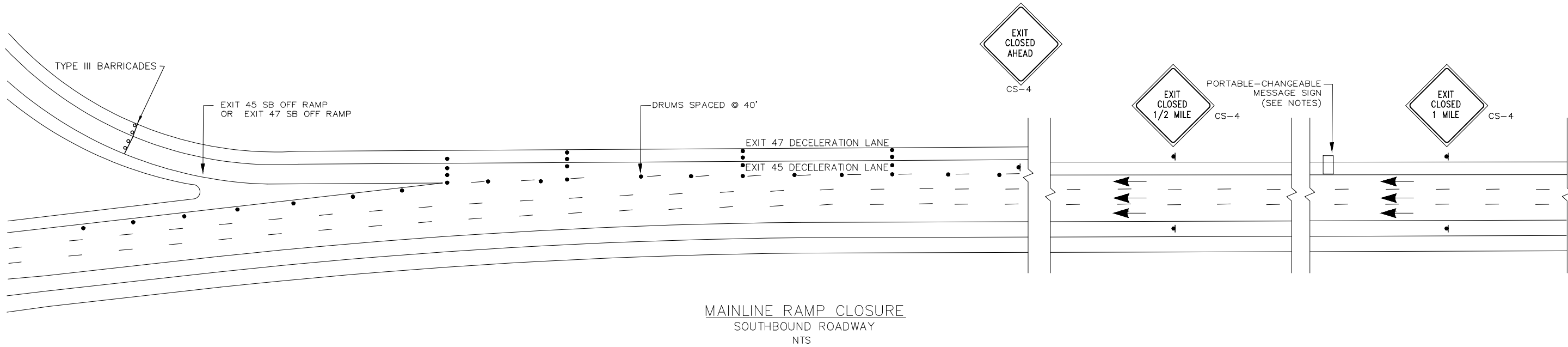
5 of 25

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- NOTES:
1. INSTALL PORTABLE-CHANGEABLE MESSAGE SIGN ON PAYNE ROAD/703/MAINLINE SOUTHBOUND.
 2. SEE SPECIFICATIONS FOR TIME PERIODS WHEN LANES AND RAMPS CAN BE CLOSED OR WORKED IN.
 3. APPLICABLE ADVANCE SIGNS APPLY TO WHERE WORK IS OCCURRING.

- NOTES:
1. INSTALL PORTABLE-CHANGEABLE MESSAGE SIGN $\frac{1}{2}$ TO 1 MILE BEFORE EXIT 46 OR EXIT 47 SB OFF RAMP.
 2. SEE SPECIFICATIONS FOR TIME PERIODS WHEN LANES AND RAMPS CAN BE CLOSED OR WORKED IN.



Scale:			
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No.	Revision	By	Date

Designed by:								
								
	By	Date		By	Date			
Designed	JRL	04/30/25	Checked	HJM	04/30/25			
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THE GOLD STAR
MEMORIAL HIGHWAY

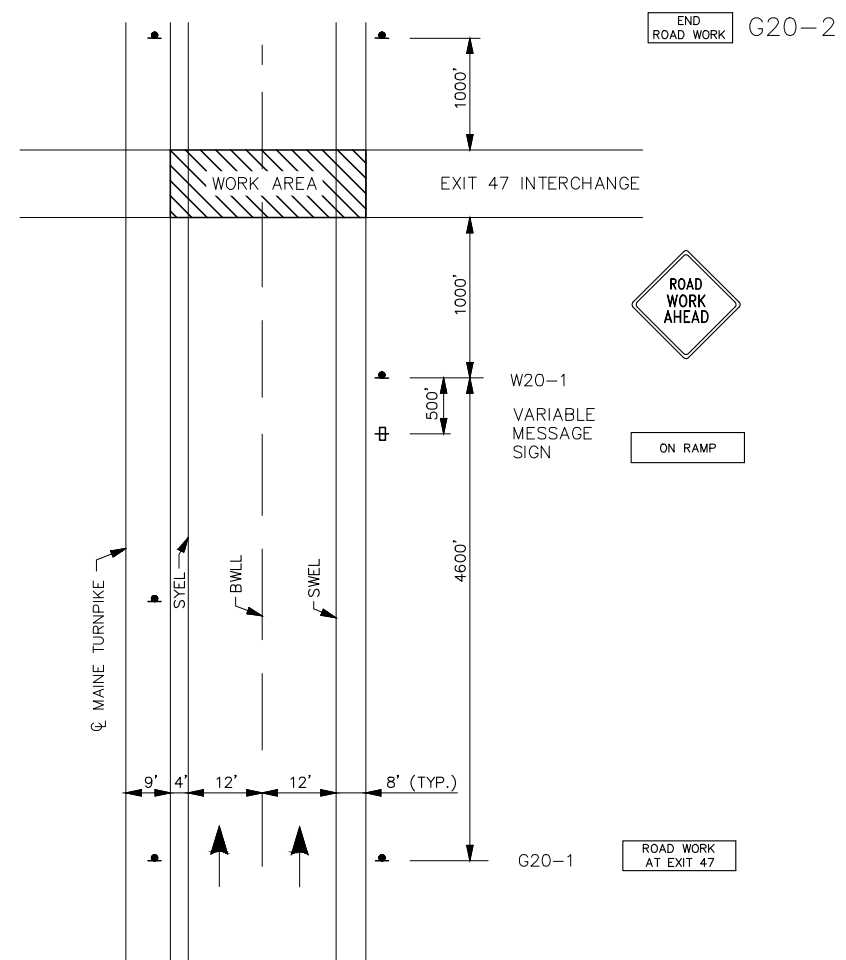
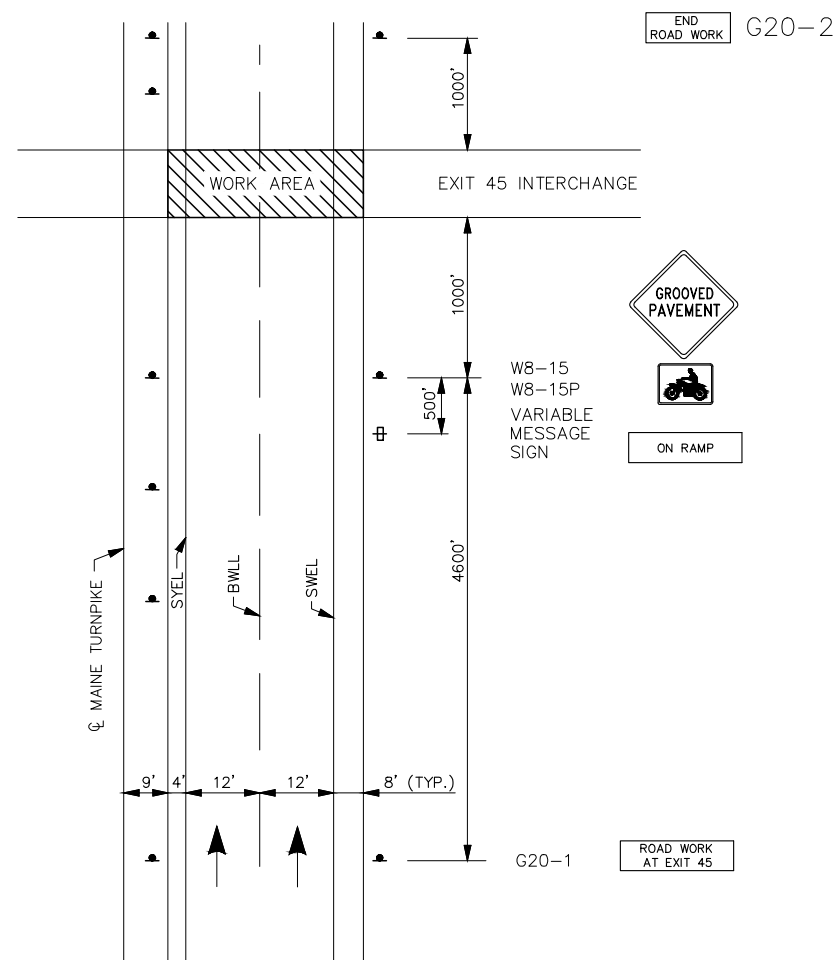
MTA PROJECT MANAGER: JOSEPH RYAN LEAVITT, P.E.

EXIT 45 INTERCHANGE PAVING
TRAFFIC CONTROL DETAILS I

SHEET NUMBER: P-4

CONTRACT: 2025.13

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MAINLINE PAVING
ADVANCED PROJECT SIGNING – SOUTHBOUND – MTA
A P S – WESTBOUND – 703

NTS

EXIT 47 INTERCHANGE
NTS

NOTES:

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
2. UNCOVER W8-15 AND W8-15P SIGNS WHEN PAVEMENT IS MILLED OR AS DIRECTED BY THE RESIDENT.
3. PROVIDE W8-15 AND W8-15P AT ALL MILLED LOCATIONS.

Scale:

NOT TO SCALE

Designed by:



MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
FAX (207) 879-5567



THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JOSEPH RYAN LEAVITT, P.E.

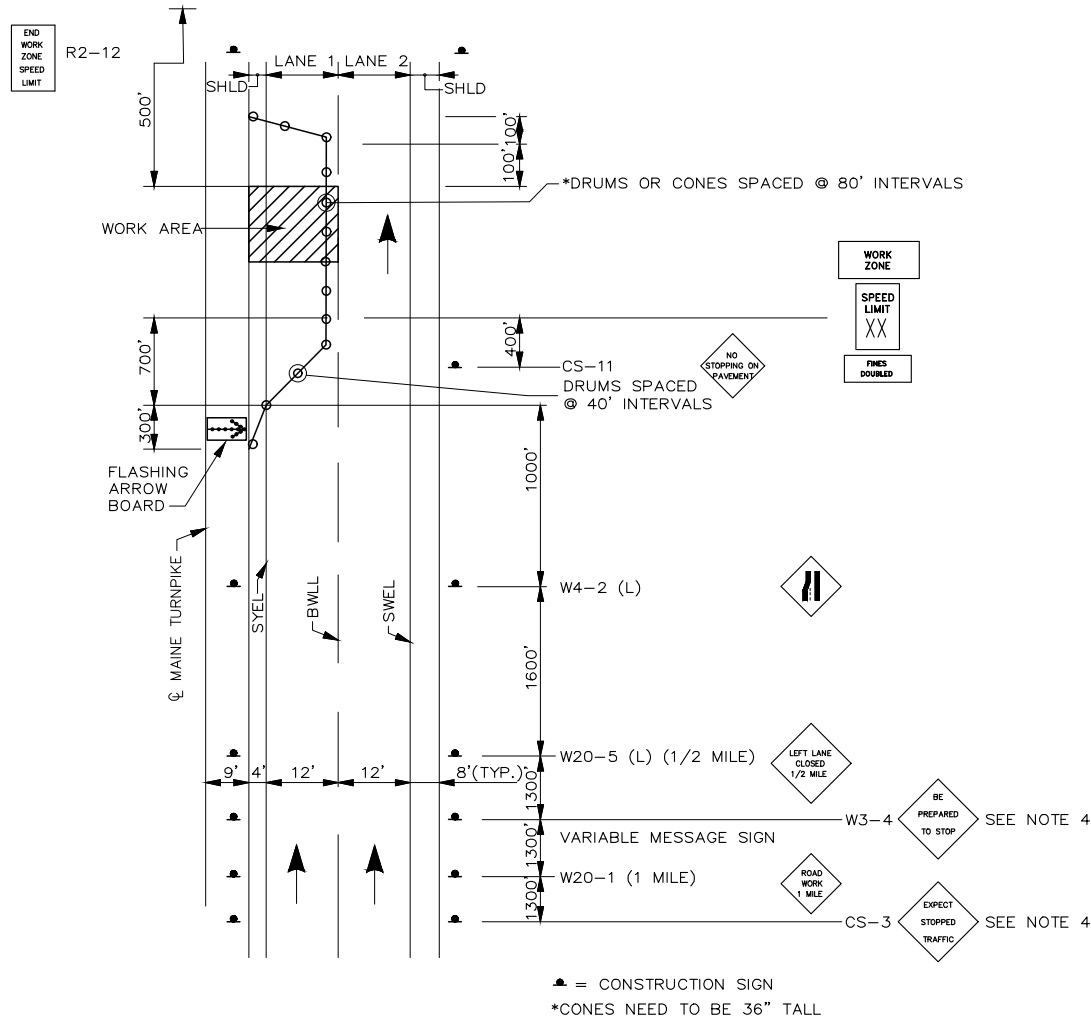
EXIT 45 INTERCHANGE PAVING
TRAFFIC CONTROL DETAILS II

SHEET NUMBER: P-5

CONTRACT: 2025.13

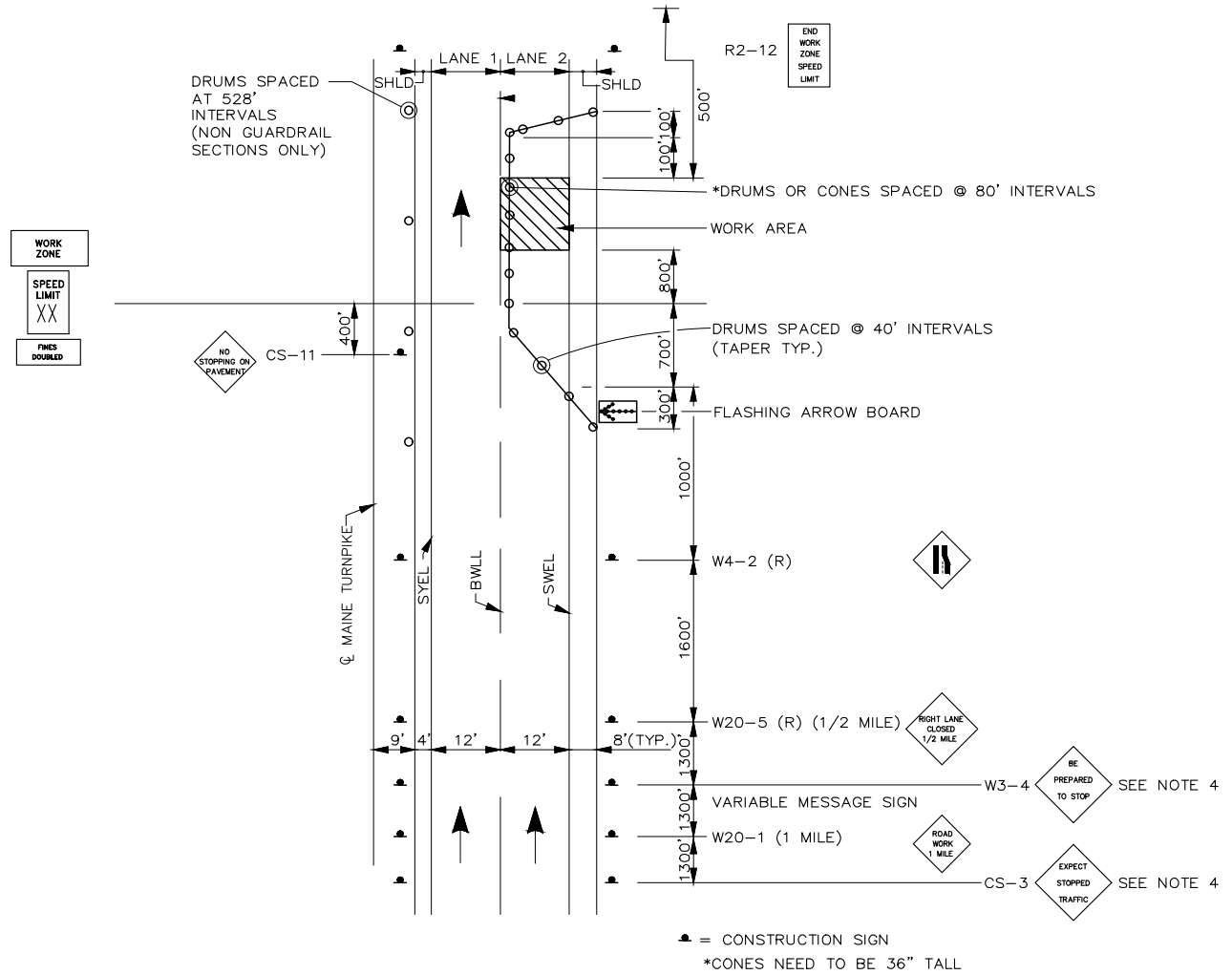
7 of 25

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STANDARD SINGLE LANE CLOSURE
LANE 1

703 ROAD



STANDARD SINGLE LANE CLOSURE
LANE 2

703 ROAD

NOTES:

- FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
- STANDARD SINGLE LANE CLOSURE SHALL BE USED FOR ALL OPERATIONS. FOR PAVING, MILLING AND PAVEMENT MARKINGS LANE SHIFT SHALL BE ADDED.
- ERECT CS-3 AND W3-4 SIGNS IMMEDIATELY PRIOR TO SCHEDULED STOPPAGES FOR EQUIPMENT MOVES AND REMOVE THE CS-3 AND W3-4 SIGNS IMMEDIATELY AFTER THE SCHEDULED STOPPAGES ARE COMPLETE.

Scale:
NOT TO SCALE

No.	Revision	By	Date

Designed by:



	By	Date		By	Date
Designed	JRL	04/30/25	Checked	HJM	04/30/25
Drawn	BMB	04/30/25	In Charge of	SRT	04/30/25

MAINE TURNPIKE AUTHORITY
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Portland, ME 04102
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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: JOSEPH RYAN LEAVITT, P.E.

EXIT 45 INTERCHANGE PAVING
TRAFFIC CONTROL DETAILS III

SHEET NUMBER: P-6

CONTRACT: 2025.13

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N.T.S.

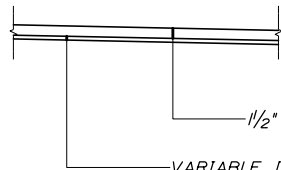
1. ASPHALTIC PLUG JOINT SYSTEM SHALL BE SUBMITTED FOR APPROVAL AND INSTALLED PER MANUFACTURER'S SPECIFICATIONS. EQUIVALENT JOINT SYSTEMS MAY BE USED WITH APPROVAL OF THE ENGINEER.



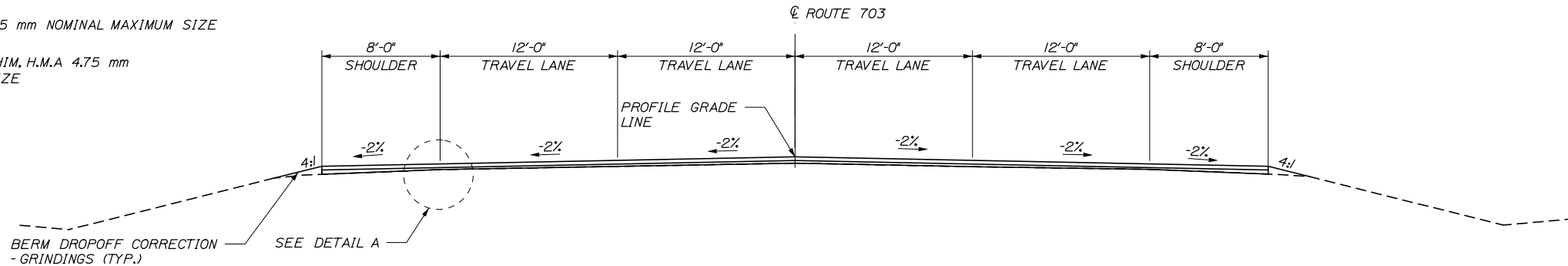
1. INSTALL JUNCTION BOX ON GRADE.
2. THE COVER SHALL BE LABELED WITH THE FUNCTION DESIGNATION IN 1" MIN TEXT AS FOLLOWS:
—"LIGHTING" FOR LIGHTING CONDUIT —"COMMUNICATION" FOR COMMUNICATION CONDUITS —"SIGNAL"
FOR SIGNAL CONDUITS.
3. COVER SHALL BE HEAVY DUTY TYPE TIER 22 WITH (2) 1/2" STAINLESS STEEL PENTA-HEAD BOLTS.

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Paving\Project Development\60% print date 5.2.2025

Date:5/1/2025

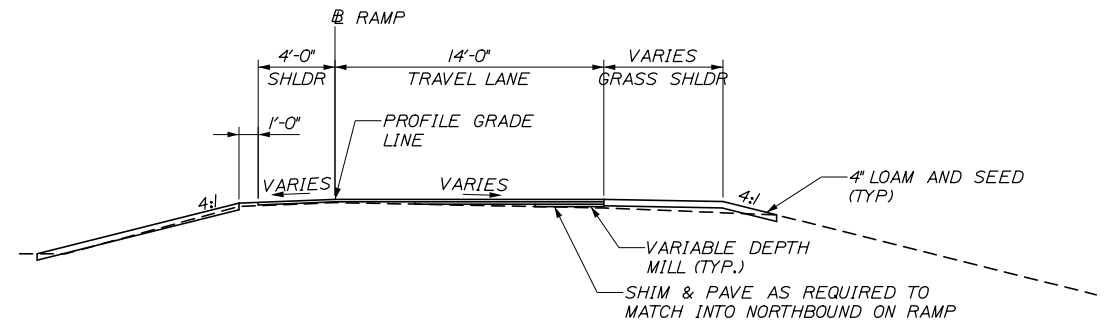


DETAIL A

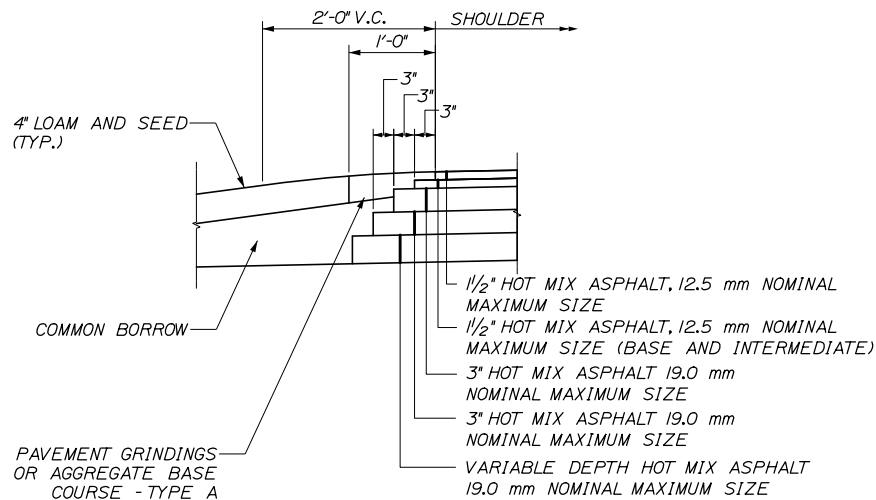


ROUTE 703 VARIABLE DEPTH MILL, SHIM, & FILL
(BRIDGE APPROACHES)

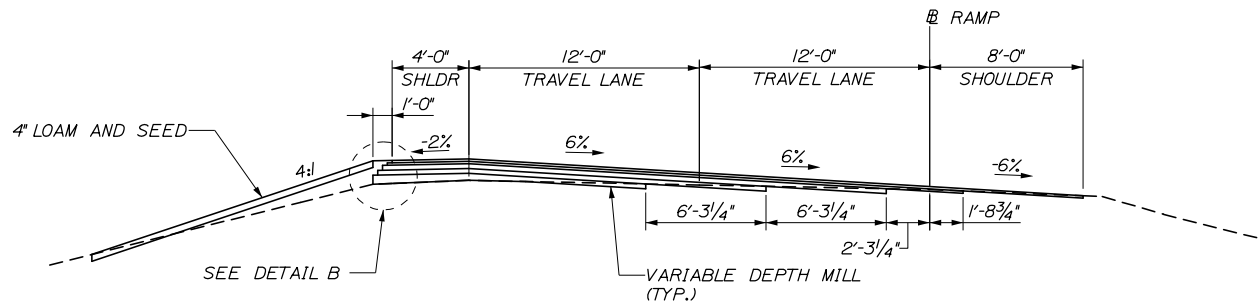
STA. 1047+64.60 TO STA. 1048+44.60
STA. 1051+21.89 TO STA. 1052+21.89



EMERGENCY VEHICLE RAMP
STA. 353+50 TO STA. 354+71



DETAIL B



NORTHBOUND ON RAMP-TWO LANE VARIABLE DEPTH MILL AND PAVE

STA. 302+00 TO STA. 307+50

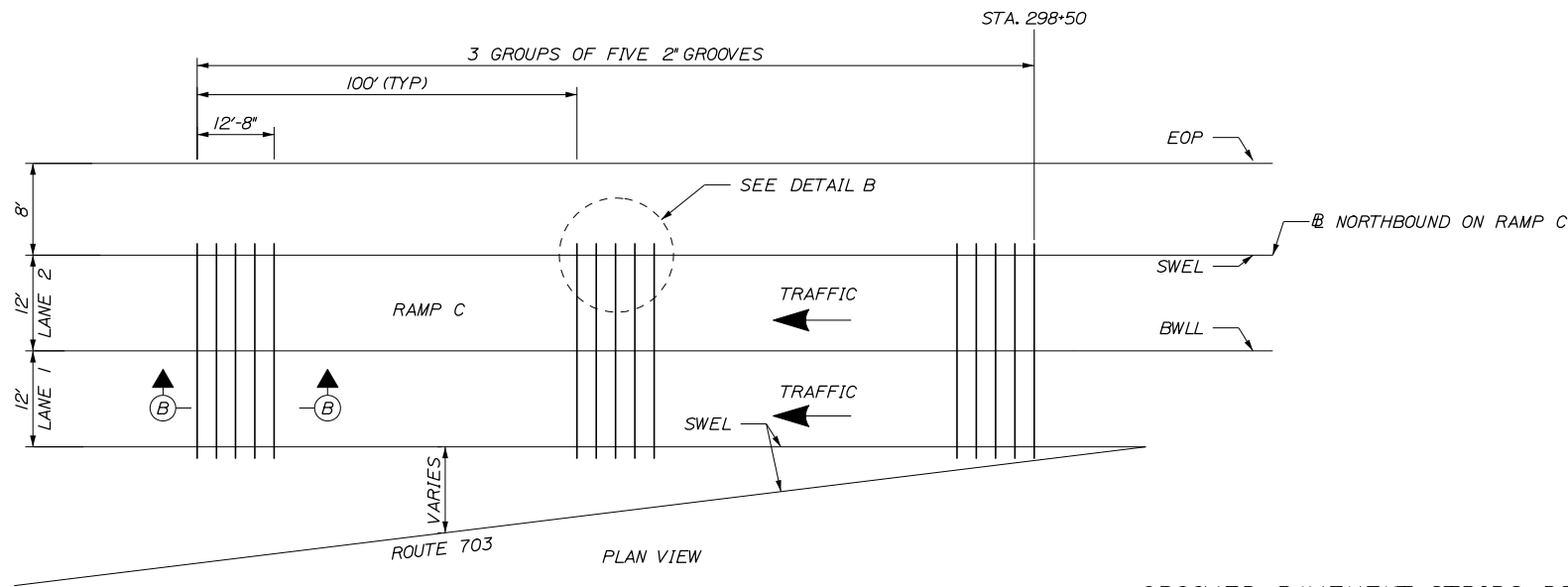
NOTES:

1. BITUMINOUS TACK COAT IS REQUIRED BETWEEN ALL LIFTS OF PAVEMENT. BITUMINOUS TACK COAT IS REQUIRED ON ALL EXISTING PAVED OR MILLED SURFACES PRIOR TO PLACING PROPOSED PAVEMENT.
2. CROWNS FOR ALL COURSES OF PAVEMENT SHALL BE STRAIGHT.
3. PAVEMENT DEPTHS AS SHOWN ON THE PLANS ARE INTENDED TO BE NOMINAL.
4. MILL, SHIM, & OVERLAY DEPTH VARIES, STEP PAVEMENT LIFTS AS NECESSARY TO ACHIEVE DESIGN PROFILE GRADE AND CROSS SLOPE.
5. PAVEMENT GRINDINGS, IF USED, WILL BE PAID FOR UNDER ITEM 304.14 - AGGREGATE BASE COURSE - TYPE A.

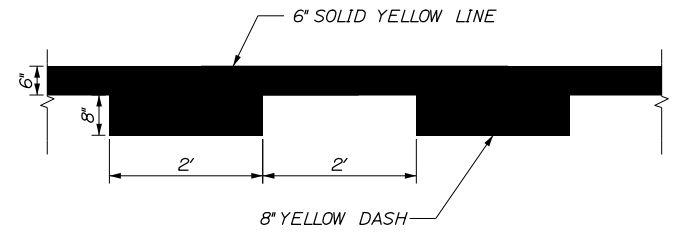
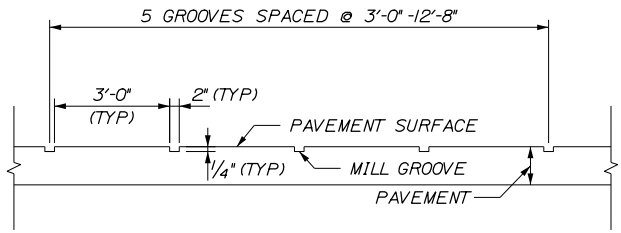
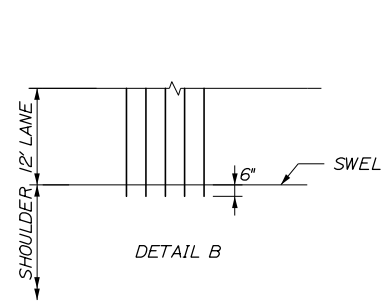
Filename: 00X_TypSec01.dgn

Scale:				Designed by:			
NOT TO SCALE				HNTB			
No.	Revision	By	Date	CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.			
				By	Date	By	Date
				Designed	EDD 04/25	Checked	DAM 04/25
				Drawn	CET 04/25	In Charge of	TRC 04/25
				HNTB CORPORATION 82 Running Hill Road, Suite 201 South Portland, ME 04106 TEL (207) 774-5155 FAX (207) 228-0909			
				MAINE TURNPIKE THE GOLD STAR MEMORIAL HIGHWAY			
				MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.			
				EXIT 45 INTERCHANGE PAVING TYPICAL SECTIONS			
				SHEET NUMBER: TS-01 10 OF 25			
				CONTRACT:2025.13			

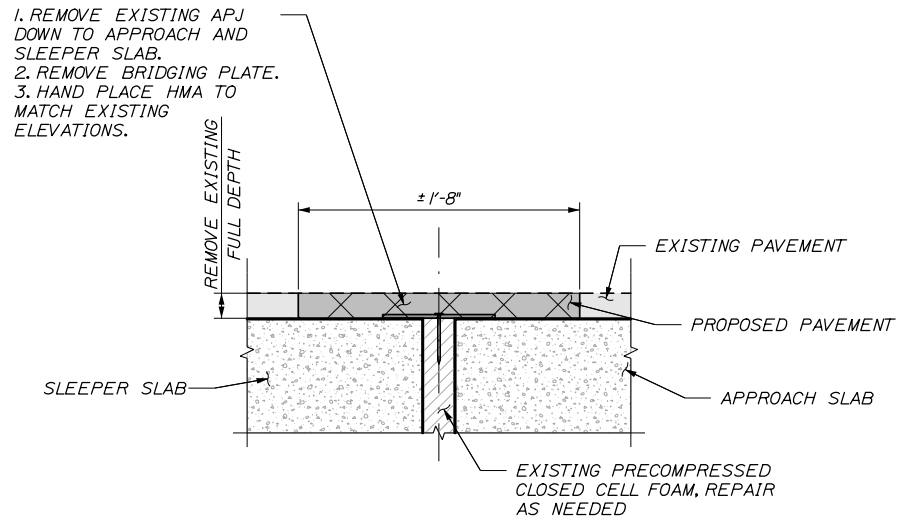
Date:5/1/2025



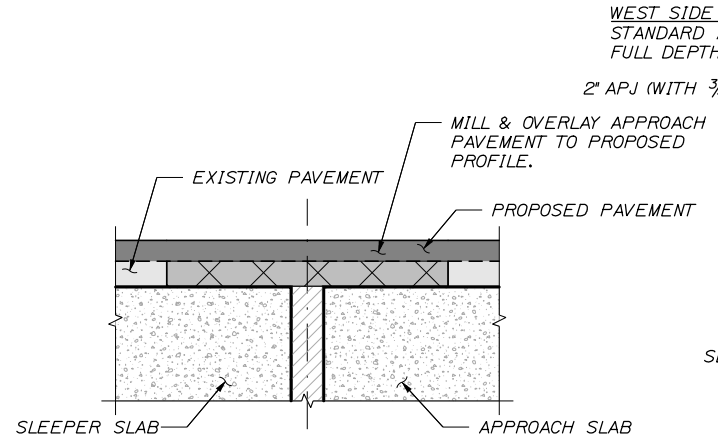
GROOVED PAVEMENT STRIPS DETAIL



DASHED LANE LINE DETAIL



ASPHALTIC PLUG JOINT REMOVAL DETAIL

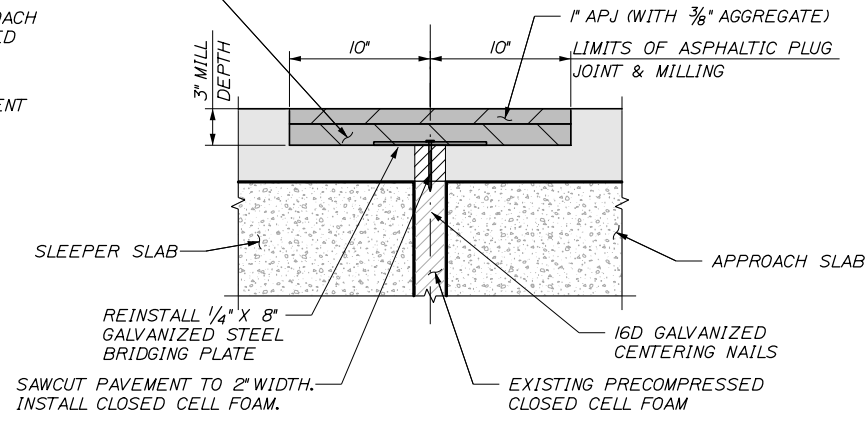


PROFILE PAVING DETAIL

WEST SIDE JOINT:
STANDARD APJ WITH 3/4" AGGREGATE,
FULL DEPTH OF APJ.

2" APJ (WITH 3/4" AGGREGATE)

EAST SIDE JOINT:
TOP 1": STANDARD APJ WITH 3/8" AGGREGATE.
BOTTOM 2": STANDARD APJ WITH 3/4" AGGREGATE.



ASPHALTIC PLUG JOINT DETAIL
(EAST SIDE JOINT DETAILS SHOWN)

ASPHALTIC PLUG JOINTS NOTES:

1. THE ASPHALTIC PLUG JOINTS SHALL HAVE A MINIMUM TOTAL MOVEMENT OF 1.6" (0.8") AND SHALL BE INSTALLED WHEN THE STRUCTURE TEMPERATURE IS BETWEEN 40°F AND 60°F.
2. THE BRIDGING PLATES SHALL FULLY BEAR ON THE APPROACH SLAB PAVEMENT AND THE SLEEPER SLAB PAVEMENT SURFACES WITHOUT ROCKING.
3. ASPHALTIC PLUG JOINTS SHALL EITHER BE MATRIX 501 MANUFACTURED BY CRAFTCO, THORMA-JOINT, MANUFACTURED BY DYNAMIC SURFACE APPLICATIONS, DURA-FILL BY P&T PRODUCTS, OR APPROVED EQUAL CERTIFIED BY THE MANUFACTURER TO MEET THE DESIGN JOINT THERMAL MOVEMENT IN NOTE 1.

Scale:

NOT TO SCALE

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MAINE
TURNPIKE

THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

CONTRACT:2025.13

No.	Revision	By	Date

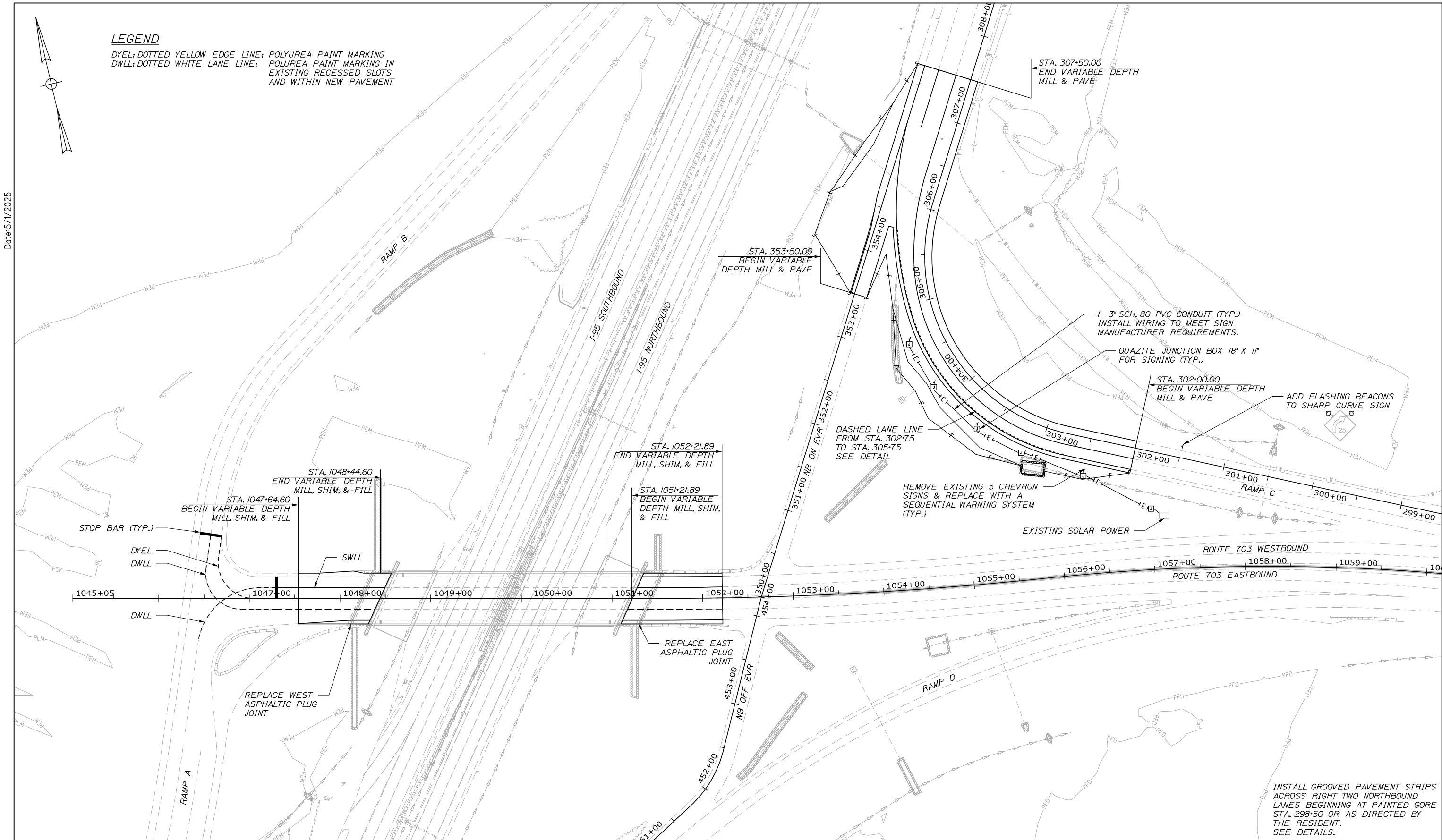
CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.

	By	Date		By	Date
Designed	EDD	04/25	Checked	DAM	04/25
Drawn	CET	04/25	In Charge of	TRC	04/25

EXIT 45
INTERCHANGE PAVING
MISCELLANEOUS DETAILS

SHEET NUMBER: DT-01
11 OF 25

Date:5/1/2025



Scale: 50 0 50 100
Scale of Feet

No.	Revision	By	Date

Designed by:

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CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.

	By	Date		By	Date
Designed	EDD	04/25	Checked	DAM	04/25
Drawn	CET	04/25	In Charge of	TRC	04/25

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MAINE
TURNPIKE

THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

EXIT 45
INTERCHANGE PAVING
HIGHWAY PLAN

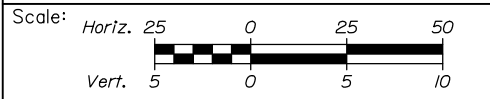
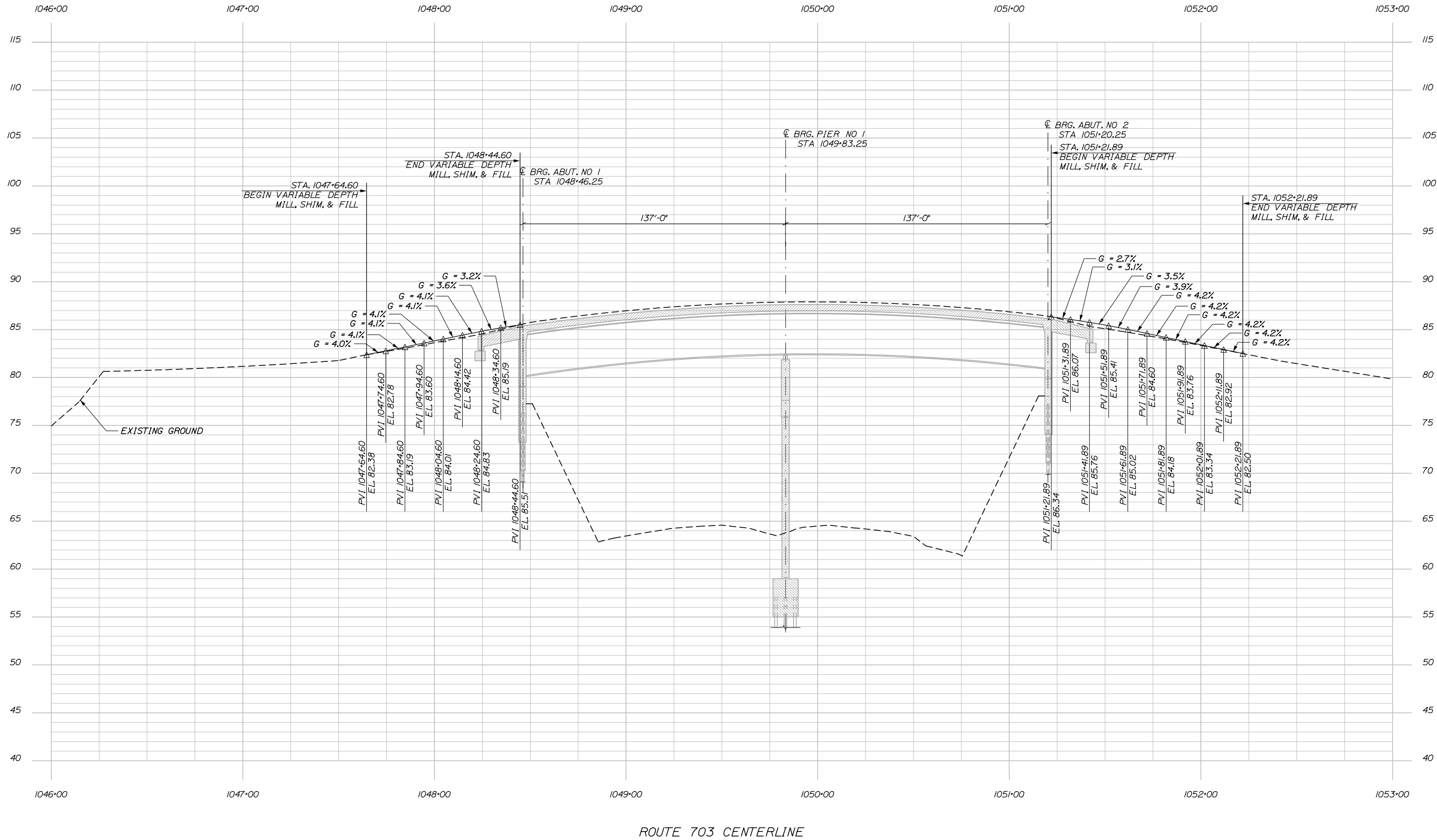
SHEET NUMBER: PL-01

CONTRACT:2025.13

12 OF 25

Date: 5/1/2025

Filename: 0XX_Profile_Diamond.dgn



Designed by:

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CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.

	By	Date		By	Date
Designed	EDD	04/25	Checked	DAM	04/25
Drawn	CET	04/25	In Charge of	TRC	04/25

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

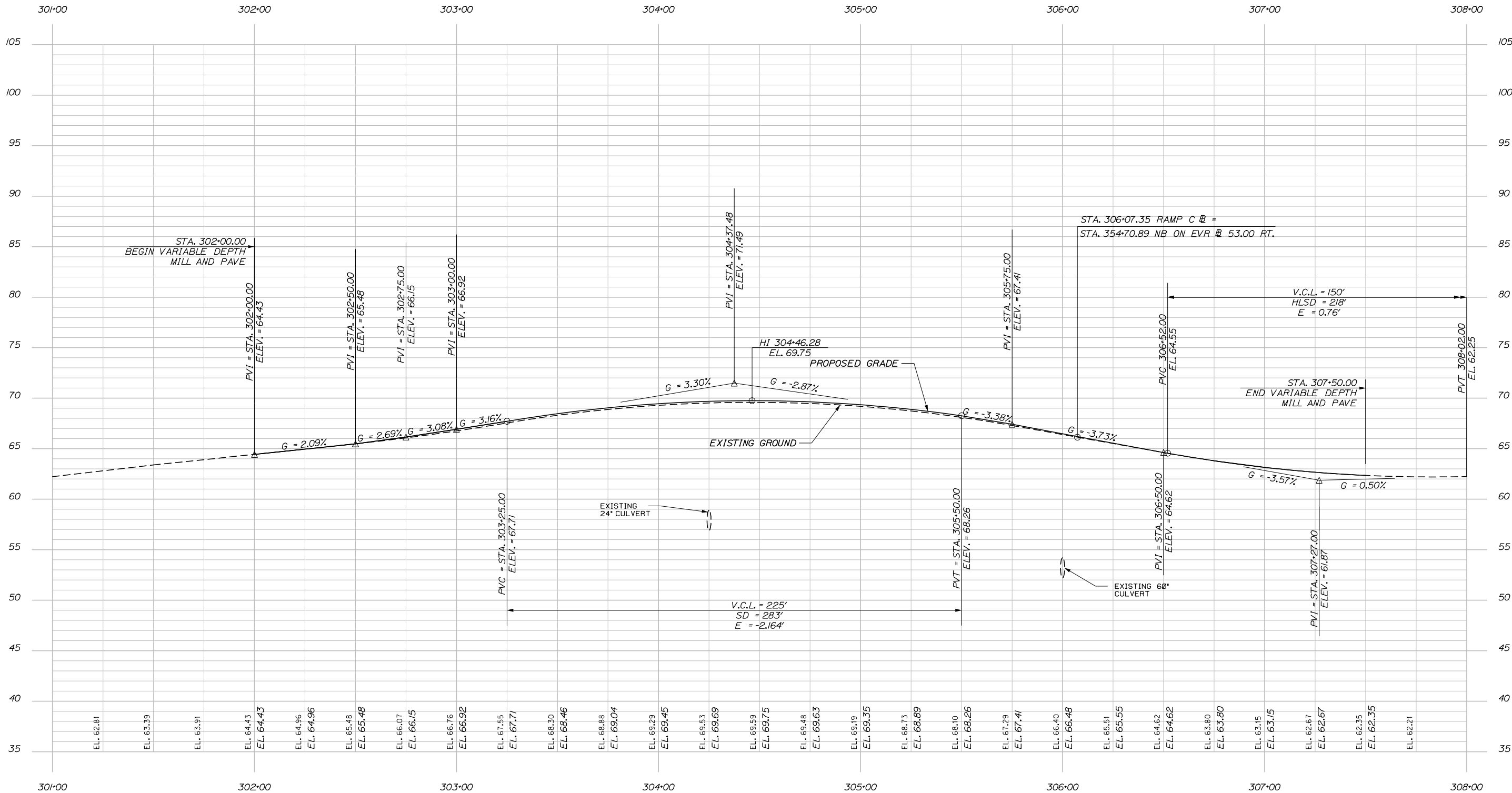
EXIT 45
INTERCHANGE PAVING
PROFILE - ROUTE 703 CENTERLINE

SHEET NUMBER: PR-01
13 OF 25

CONTRACT: 2025.13

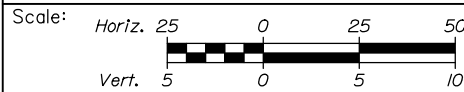
Date:5/1/2025

Filename: 0XX_Profile_NB_On.dgn



NOTE:
1. ELEVATIONS PROVIDED ARE BASED ON DESIGN ELEVATIONS FROM CONTRACT 2021.07 AND DO NOT TAKE INTO ACCOUNT GLOBAL SETTLEMENT THAT HAS LIKELY TAKEN PLACE. THE CONTRACTOR SHALL SURVEY THE CONSTRUCTION LIMITS AND LINEARLY MODIFY ELEVATIONS TO ACCOUNT FOR SETTLEMENT. THE INTENT IS TO REPRODUCE THE DESIGN PROFILE SHAPE AS CLOSELY AS POSSIBLE AND PROVIDE SUPERELEVATION BUILD-UP WITHOUT REDUCING THE RIGHT-SIDE SHOULDER PAVEMENT THICKNESS. PROPOSED ELEVATIONS SHALL BE APPROVED BY THE RESIDENT PRIOR TO CONSTRUCTION.

RAMP C, NORTHBOUND ON RAMP



Designed by:

HNTB

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.			
	By	Date	
Designed	EDD	04/25	Checked DAM 04/25
Drawn	CET	04/25	In Charge of TRC 04/25

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**THE GOLD STAR
MEMORIAL HIGHWAY**

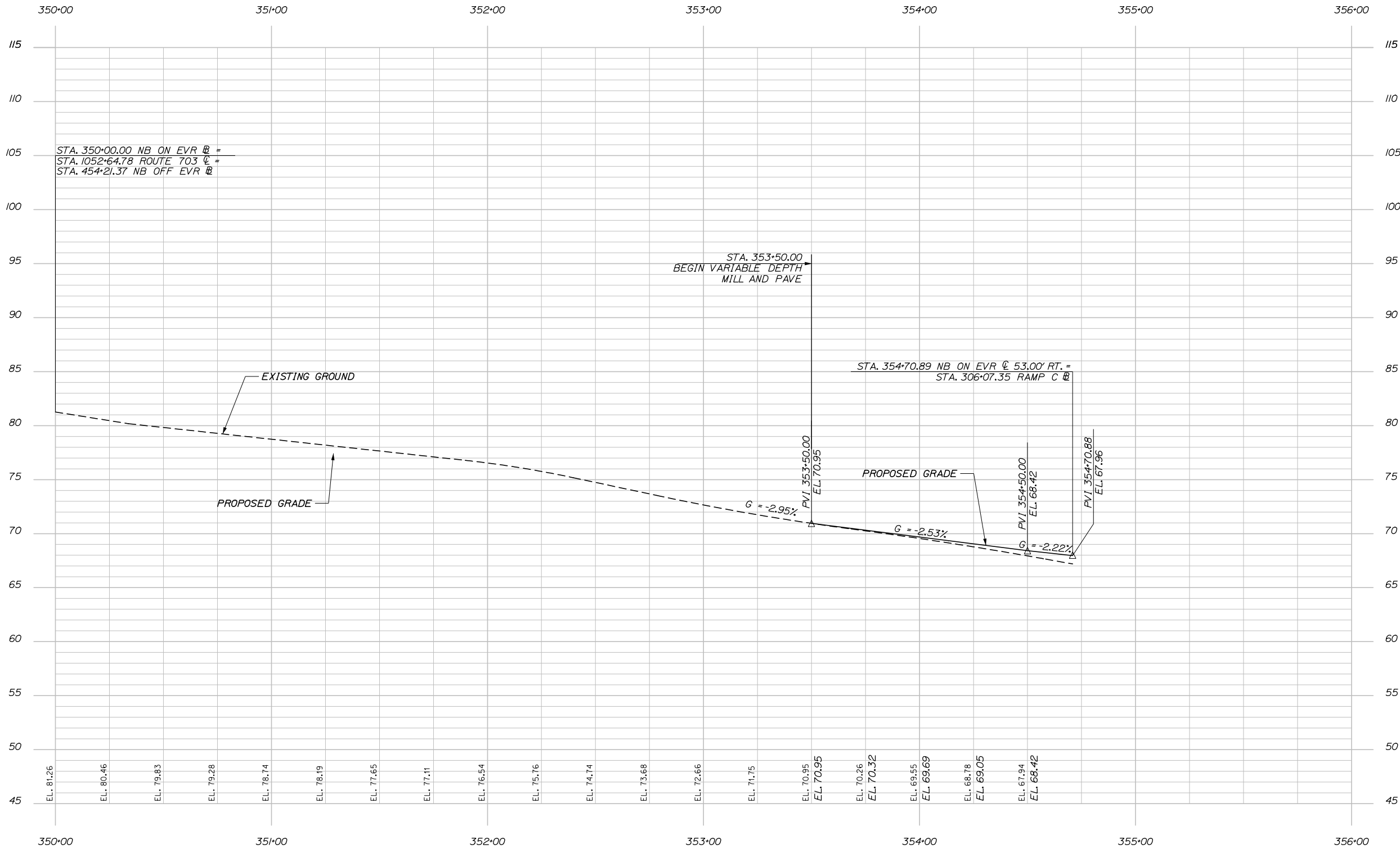
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

**EXIT 45
INTERCHANGE PAVING**

PROFILE - RAMP C, NORTHBOUND ON RAMP

SHEET NUMBER: PR-02
CONTRACT: 2025.13
14 OF 25

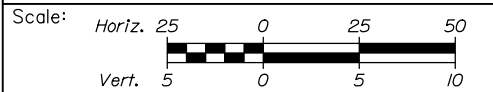
Date:5/1/2025



NOTE:
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NB ON EMERGENCY VEHICLE RAMP

Filename: 0XX_Profile_NB_On_West.dgn



Designed by:

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No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.

	By	Date		By	Date
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Drawn	EDD	04/25	In Charge of	TRC	04/25

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**THE GOLD STAR
MEMORIAL HIGHWAY**

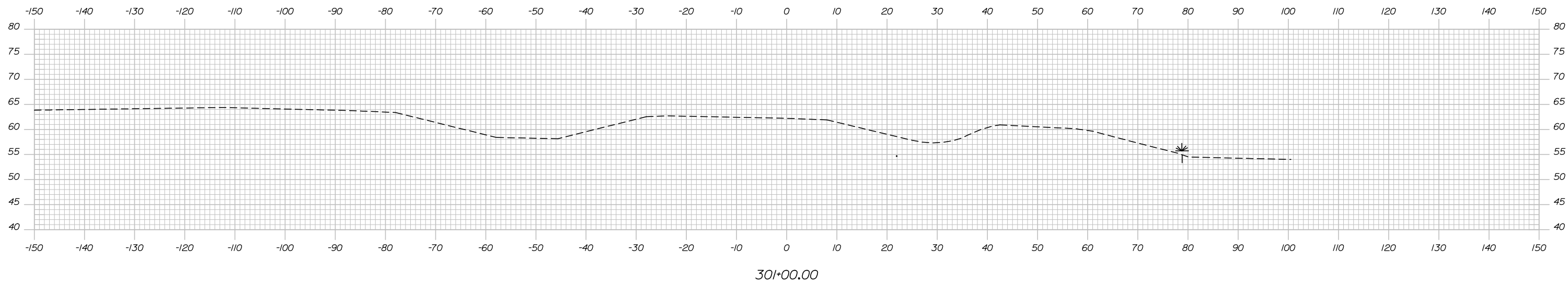
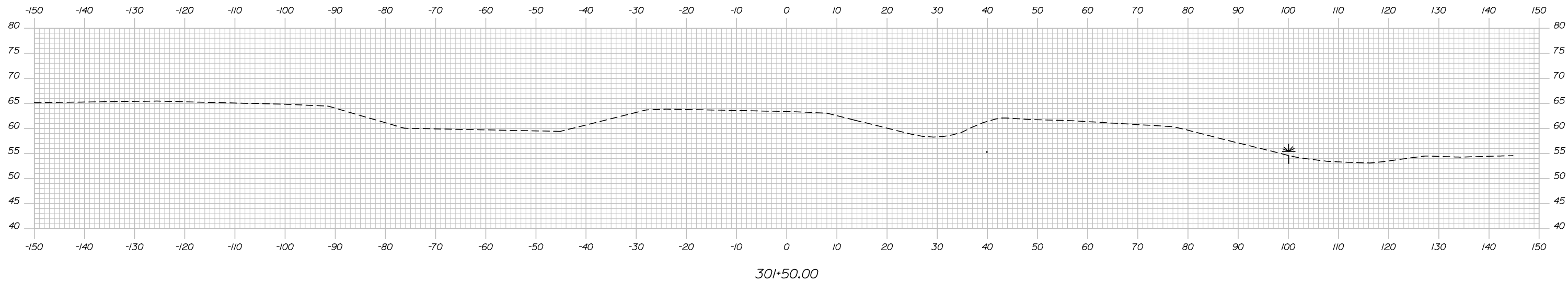
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

EXIT 45
INTERCHANGE PAVING
PROFILE - NB ON EVR

SHEET NUMBER: PR-03
CONTRACT:2025.13
15 OF 25

Date:5/1/2025

Filename: Xsect - Ramp C and C-1.dgn



Scale:

Scale of Feet

No.	Revision	By	Date

Designed by:

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.			
	By	Date	
Designed	EDD	04/25	Checked DAM 04/25
Drawn	CET	04/25	In Charge of TRC 04/25

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

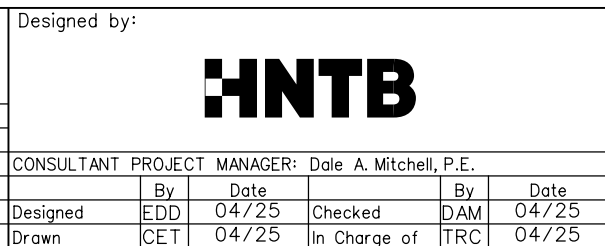
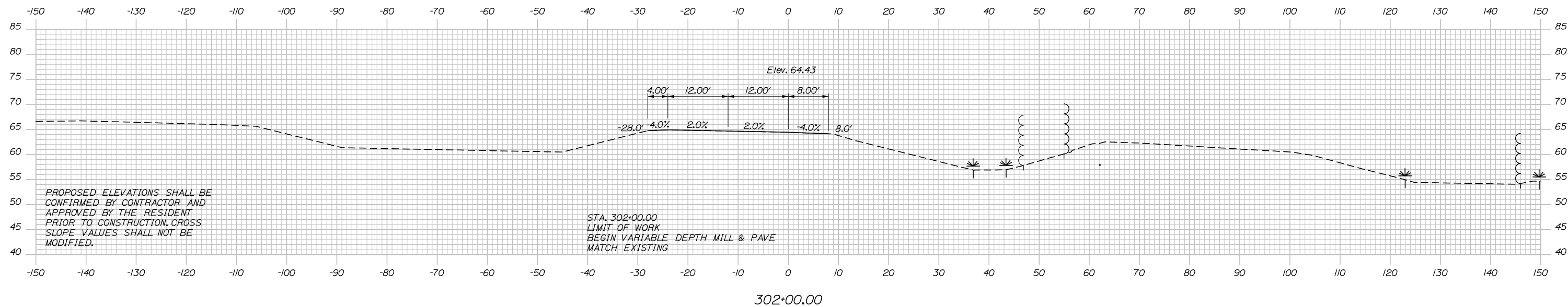
EXIT 45
INTERCHANGE PAVING
CROSS SECTIONS – RAMP C
STA. 301+00 TO STA. 301+50

SHEET NUMBER: XS-01

CONTRACT:2025.13

16 OF 25

Filename: Xsect - Ramp C and C-1.dgn

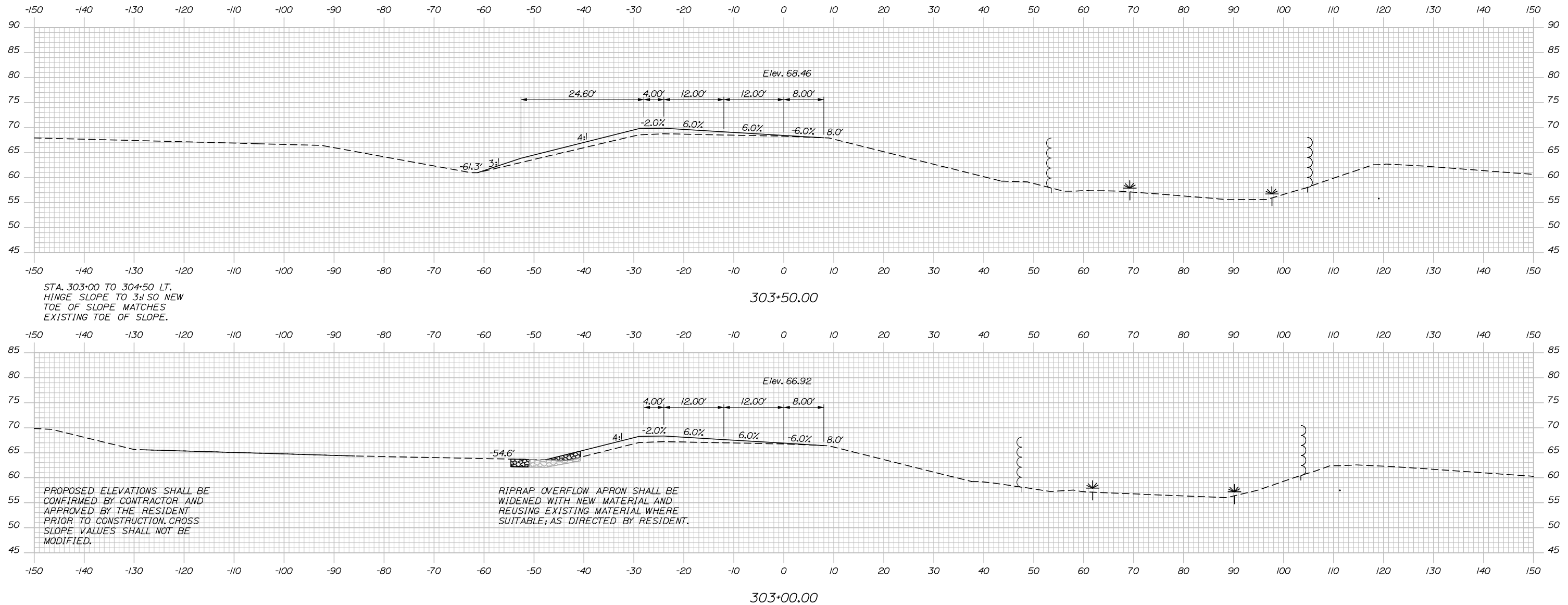


17 OF 25

CONTRACT:2025.13

Date:5/1/2025

Filename: Xsect - Ramp C and C-1.dgn



Scale:

Scale of Feet

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EXIT 45
INTERCHANGE PAVING
CROSS SECTIONS – RAMP C
STA. 303+00 TO STA. 303+50

SHEET NUMBER: XS-03
18 OF 25

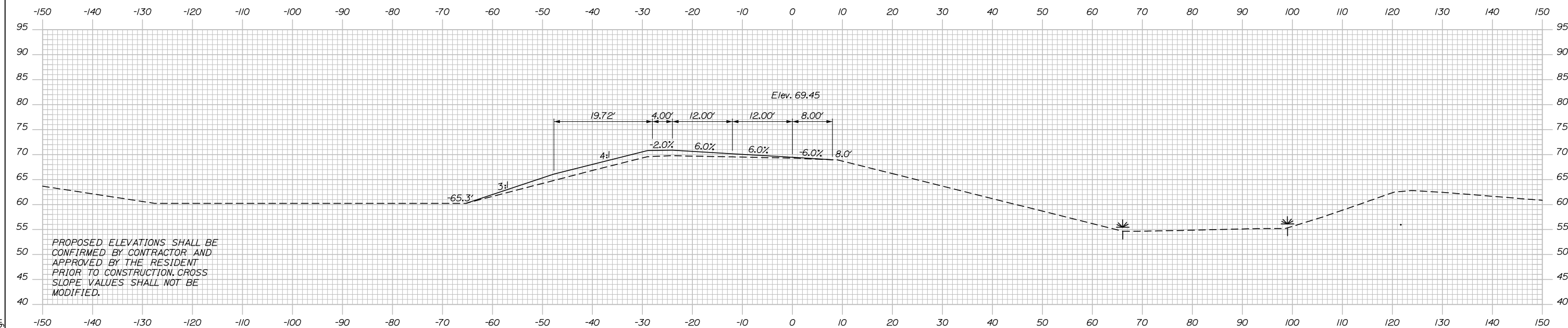
CONTRACT:2025.13

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.			
	By	Date	
Designed	EDD	04/25	Checked DAM 04/25
Drawn	CET	04/25	In Charge of TRC 04/25

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

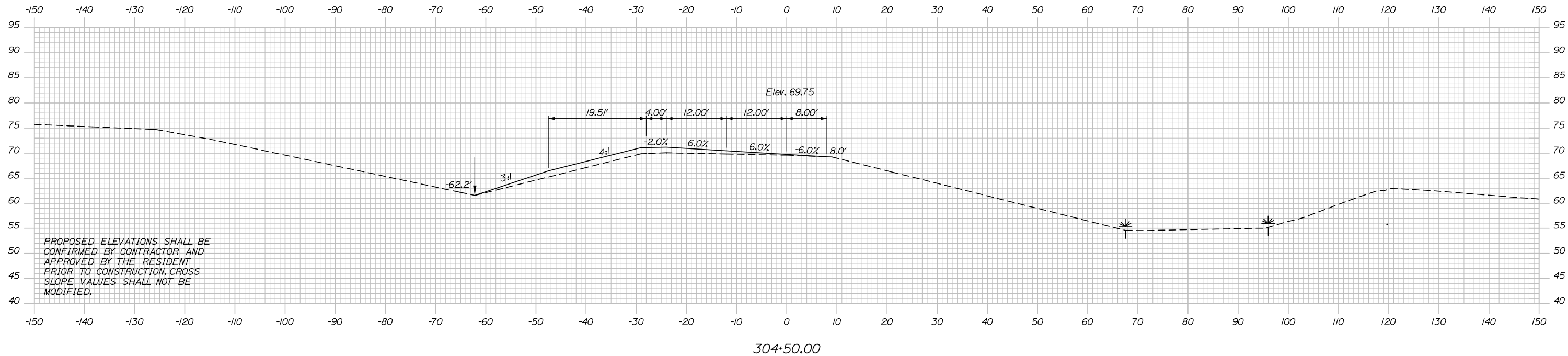
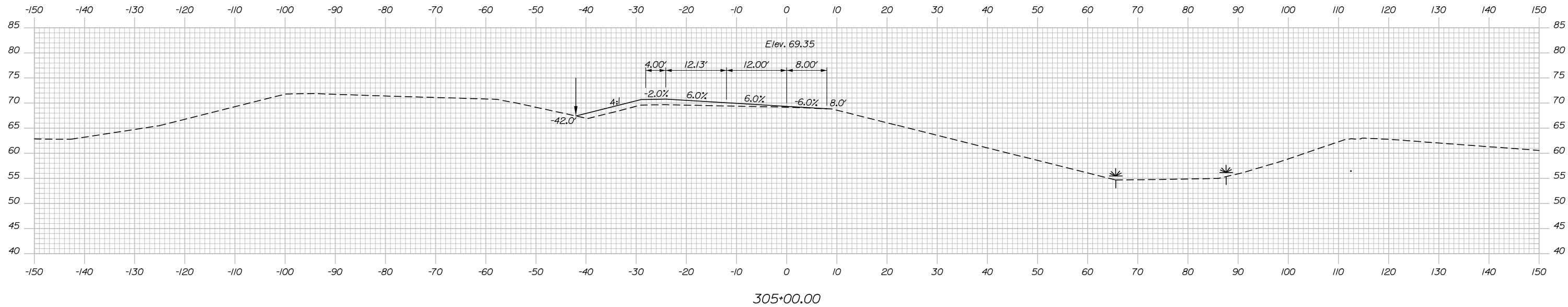
Filename: Xsect - Ramp C and C-1.dgn



EXIT 45 INTERCHANGE PAVING CROSS SECTIONS – RAMP C STA. 304+00 TO STA. 304+25	
CONTRACT: 2025.13	SHEET NUMBER: XS-04 19 OF 25

Date:5/1/2025

Filename: Xsect - Ramp C and C-1.dgn



PROPOSED ELEVATIONS SHALL BE
CONFIRMED BY CONTRACTOR AND
APPROVED BY THE RESIDENT
PRIOR TO CONSTRUCTION. CROSS
SLOPE VALUES SHALL NOT BE
MODIFIED.



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MEMORIAL HIGHWAY**

**EXIT 45
INTERCHANGE PAVING
CROSS SECTIONS – RAMP C
STA. 304+50 TO STA. 305+00**

SHEET NUMBER: XS-05

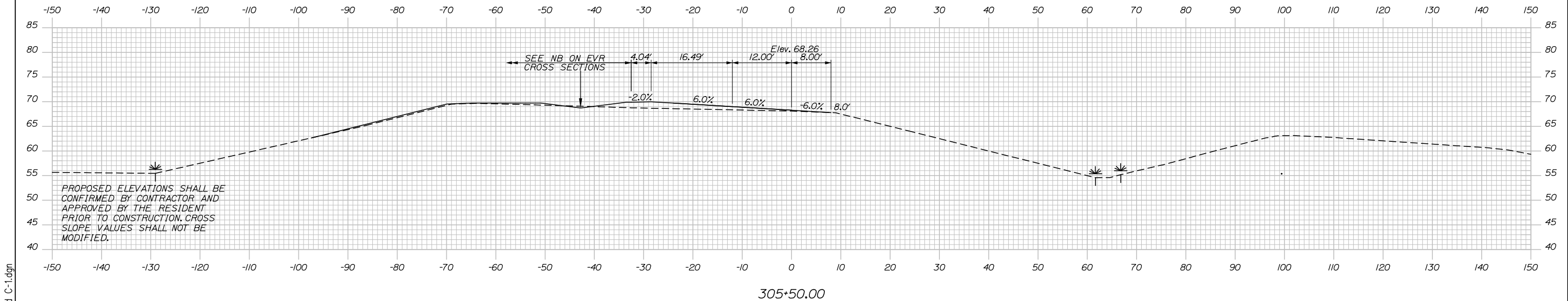
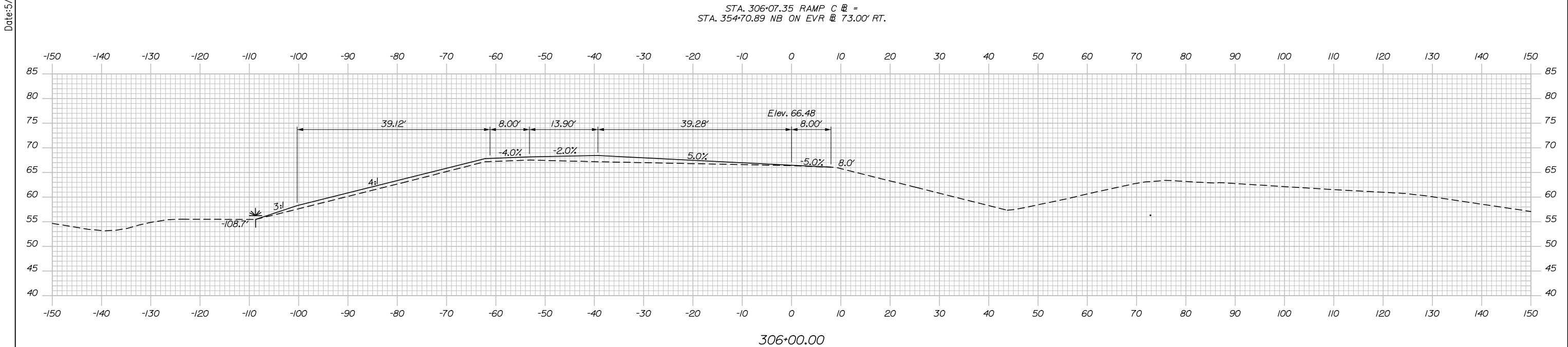
CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
Designed	EDD	04/25	Checked	DAM	04/25
Drawn	CET	04/25	In Charge of	TRC	04/25

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

CONTRACT:2025.13

20 OF 25

Date:5/1/2025



Scale:

Scale of Feet

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

EXIT 45
INTERCHANGE PAVING
CROSS SECTIONS – RAMP C
STA. 305+50 TO STA. 306+00

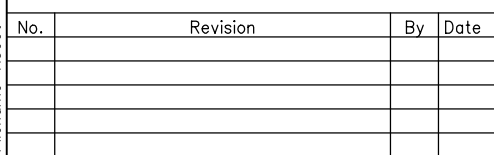
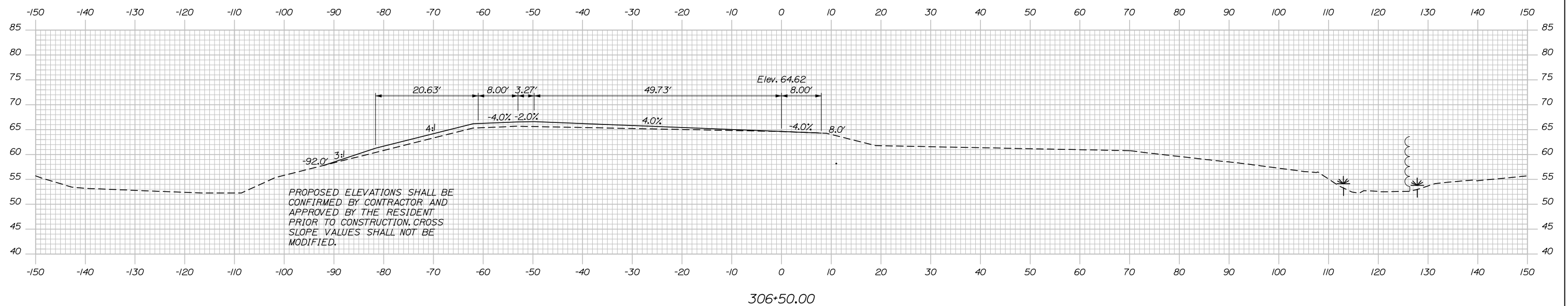
SHEET NUMBER: XS-06
21 OF 25

CONTRACT: 2025.13

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.			
	By	Date	
Designed	EDD	04/25	Checked DAM 04/25
Drawn	CET	04/25	In Charge of TRC 04/25

Filename: Xsect - Ramp C and C-1.dgn



	By	Date		By	Date
Designed	EDD	04/25	Checked	DAM	04/25
Drawn	CET	04/25	In Charge of	TRC	04/25



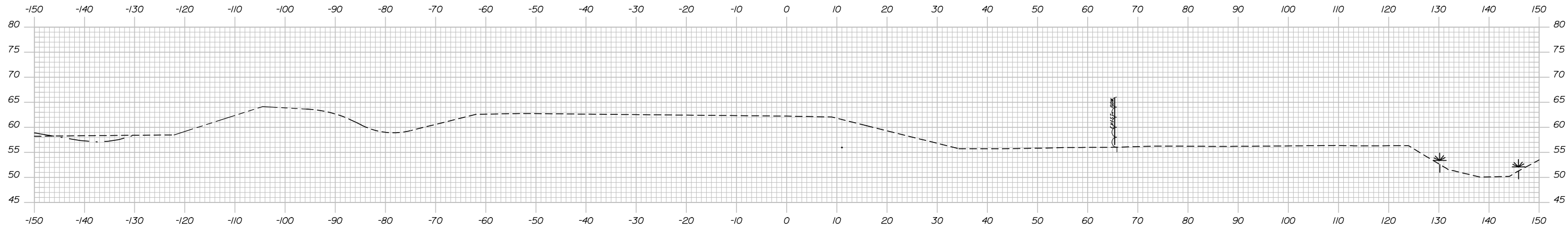
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

SHEET NUMBER: XS-07

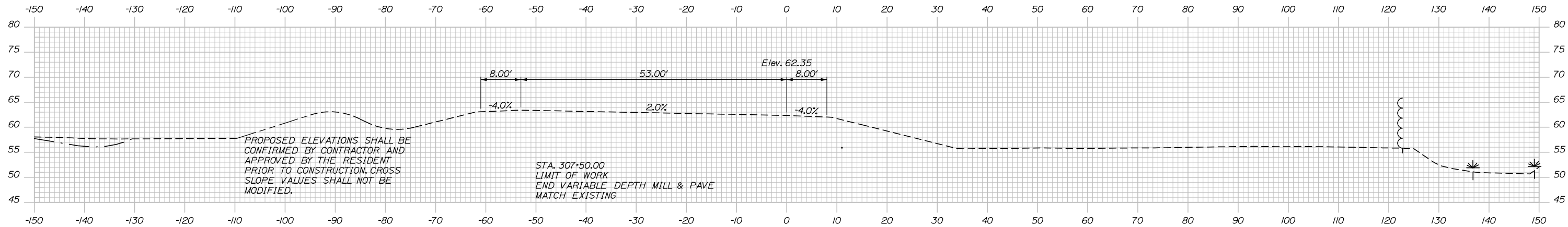
2 OF 25

Date:5/1/2025

Filename: Xsect - Ramp C and C-1.dgn



308+00.00



307+50.00



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**THE GOLD STAR
MEMORIAL HIGHWAY**

**EXIT 45
INTERCHANGE PAVING
CROSS SECTIONS – RAMP C
STA. 307+50 TO STA. 308+00**

SHEET NUMBER: XS-08

23 OF 25

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

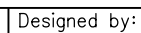
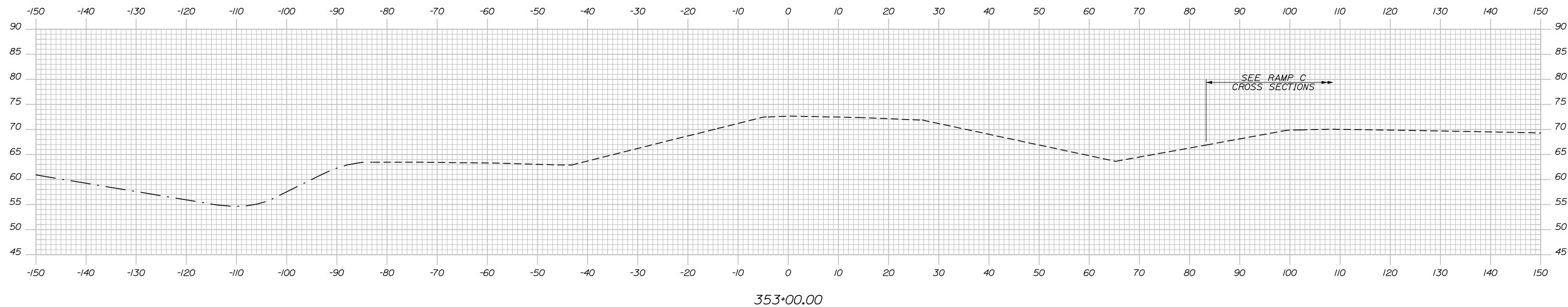
CONTRACT:2025.13

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.

No.	Revision	By	Date

By	Date	By	Date
Designed	EDD 04/25	Checked	DAM 04/25
Drawn	CET 04/25	In Charge of	TRC 04/25

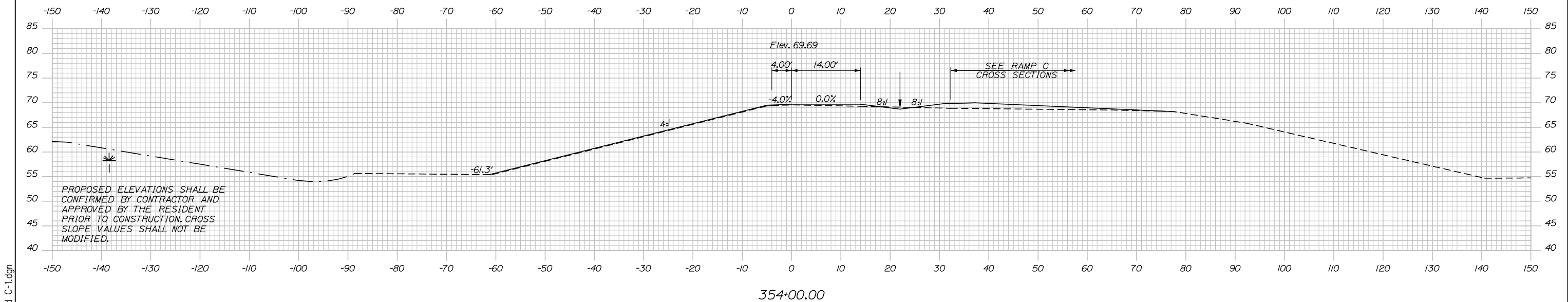
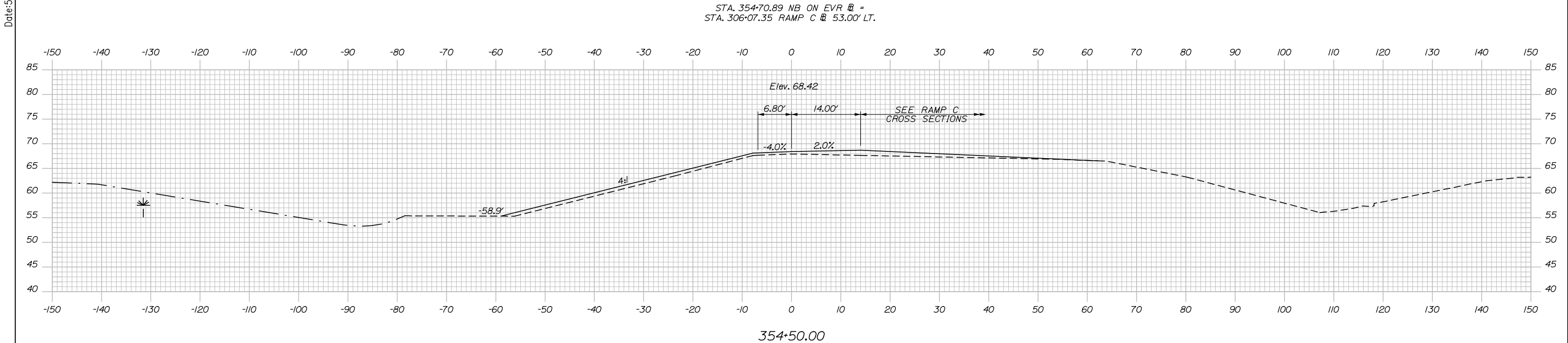
Filename: Xsect - Ramp C and C-1.dgn



EXIT 45
INTERCHANGE PAVING
CROSS SECTIONS - NB ON EVR
STA. 353+00 TO STA. 353+50

24 OF 25

Date:5/1/2025



Filename: Xsect - Ramp C and C-1.dgn

Scale:  Scale of Feet			
No.	Revision	By	Date

Designed by:			
			
CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.			
	By	Date	
Designed	EDD	04/25	Checked DAM 04/25
Drawn	CET	04/25	In Charge of TRC 04/25

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

EXIT 45
INTERCHANGE PAVING
CROSS SECTIONS - NB ON EVR
STA. 354+00 TO STA. 354+50

SHEET NUMBER: XS-10

CONTRACT:2025.13

25 OF 25