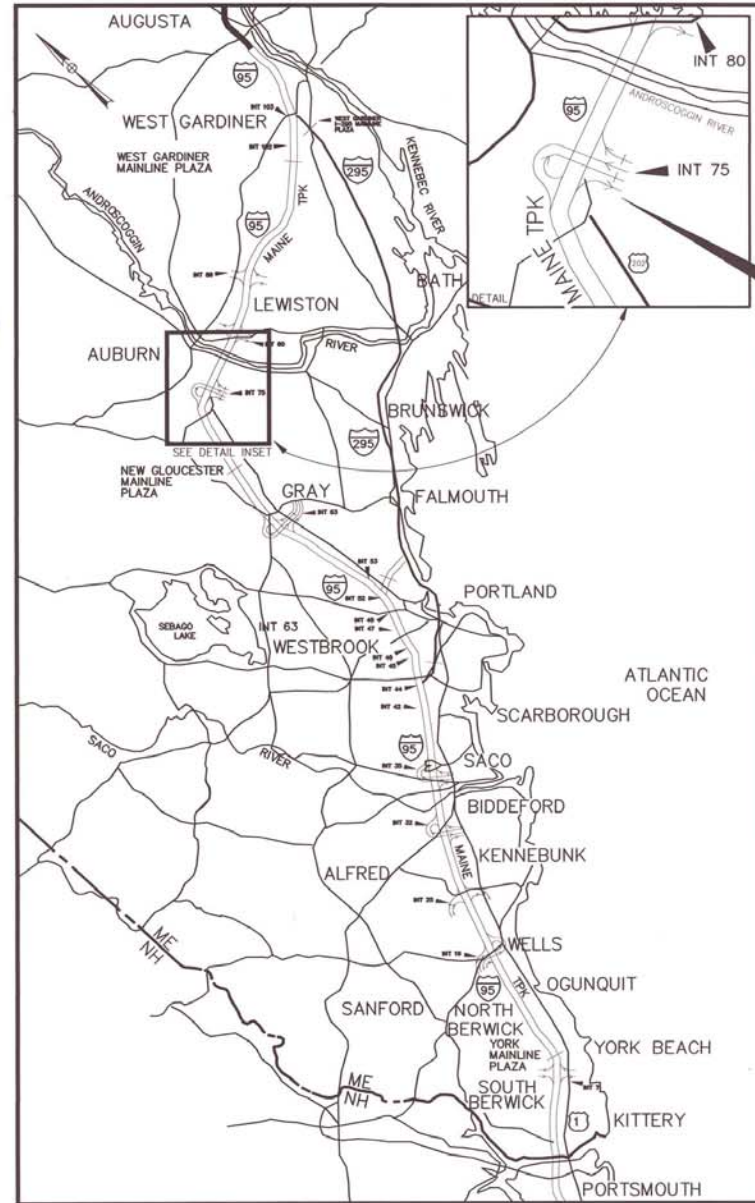




THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY



LOCATION MAP

CONTRACT 2024.04
PAVEMENT REHABILITATION
EXIT 75 AUBURN

DANIEL E. WATHEN, CHAIR
MICHAEL J. CIANCHETTE, VICE CHAIR
BETTYANN SHEATS, MEMBER
JANE L. LINCOLN, MEMBER
ANDREW McLEAN, MEMBER
THOMAS J. ZUKE, MEMBER
BRUCE A. VAN NOTE, EX-OFFICIO

S. PETER MILLS, EXECUTIVE DIRECTOR

INDEX OF SHEETS

SHEET NO.	SHEET NO.	DESCRIPTION
1		TITLE SHEET
2	C-1	ESTIMATED QUANTITIES AND GENERAL NOTES
3	P-1	TYPICAL SECTIONS
4	P-2	SITE PLAN I
5	P-3	SITE PLAN II
6	P-4	SITE PLAN III
7	P-5	CROSS SECTIONS I
8	P-6	CROSS SECTIONS II
9	P-7	CROSS SECTIONS III
10	P-8	ELECTRICAL DETAILS I
11	P-9	BERM DROPOFF CORRECTION DETAILS
12	P-10	DRAINAGE DETAILS
13	P-11	MISCELLANEOUS DETAILS I
14	T-1	TRAFFIC CONTROL I
15	T-2	TRAFFIC CONTROL II
16	T-3	TRAFFIC CONTROL III
17	T-3	SIGN SUMMARY I
18	T-4	SIGN SUMMARY II
19	T-5	PAVEMENT MARKING DETAIL

CONTRACT 2024.04 PAVEMENT REHABILITATION EXIT 75 AUBURN

CONTRACT 2024.04

APPROVED: MAINE TURNPIKE AUTHORITY



Peter S. Werfeld
PETER S. WERFELD, P.E. - CHIEF OPERATIONS OFFICER
DATE: 2/21/24



Stephen R. Tartre
STEPHEN R. TARTRE, P.E., - DIRECTOR OF ENGINEERING
DATE: 2/21/24



Joseph Ryan Leavitt
JOSEPH RYAN LEAVITT, P.E.
SENIOR RESIDENT ENGINEER

2-23-24
DATE

ESTIMATED QUANTITIES

ITEM NO.	DESCRIPTION	UNIT	QUANTITY
			TOTAL
201.11	Clearing	AC	4
202.202	Removing Pavement Surface	SY	17,100
202.2026	Removing Pavement Surface - Drainage Paths	SF	240
203.20	Common Excavation	CY	7,200
403.2081	Hot Mix Asphalt, 12.5mm (Polymer Modified)- RAP	Ton	1,750
409.15	Bituminous Tack Coat - Applied	GAL	1,100
424.324	Asphalt Rubber Mastic Crack Sealant	LB	6,000
470.08	Berm Dropoff Correction - Grindings	LF	3,500
470.081	Berm Correction	LF	1,500
603.179	18 inch Culvert Pipe Option III	LF	50
610.08	Plain Riprap	CY	5
613.319	Erosion Control Blanket	SY	750
615.07	Loam	CY	230
618.1401	Seeding Method Number 2, Plan Quantity	UNIT	3
619.1202	Temporary Mulch	LS	1
626.122	Quazite Junction Box (18x11)	EA	2
626.221	Non-Metallic Conduit	LF	130
626.33	30 inch Diameter, 8 feet or less Foundation	EA	1
627.712	Pavement Marking Line White or Yellow	LF	11,200
627.75	White or Yellow Pavement & Curb Marking	SF	800
627.78	Temporary Pavement Marking Line	LF	10,000
627.812	Temporary Raised Pavement Markers	EA	1,300
629.05	Hand Labor, Straight Time	HR	15
631.10	Air Compressor (including operator)	HR	10
631.11	Air Tool (including operator)	HR	10
631.12	All Purpose Excavator (including operator)	HR	40
631.172	Truck - Large (including operator)	HR	40
631.32	Culvert Cleaner (including operator)	HR	10
631.36	Foreman	HR	40
631.53	Electrician	HR	10
634.2312	Conventional Light Standard with LED Fixture	EA	1
652.30	Flashing Arrow	EA	3
652.312	Type III Barricades	EA	12
652.35	Construction Signs	SF	2,740
652.3611	Maintenance of Traffic Control Devices	LS	1
652.38	Flaggers	HR	500
652.411	Portable - Changeable Message Sign	EA	4
652.4502	Truck Mounted Attenuator	EA	1
652.46	Temporary Portable Rumble Strips (1 Unit = 3 Strips)	UNIT	22
656.50	Baled Hay, in place	EA	30
656.632	30 inch Temporary Silt Fence	LF	100
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 TALL 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.
- EQUIPMENT TIME SHALL BE USED TO PERFORM SOME GRADING AROUND BRIDGE ABUTMENTS AND UTILITY BUILDING.

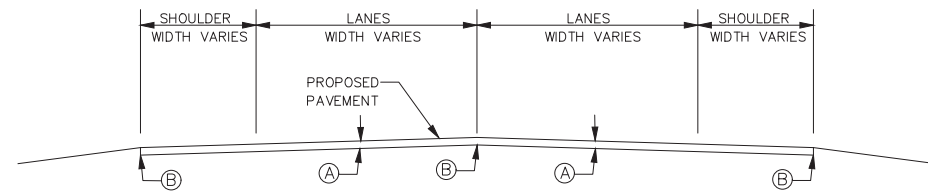
EROSION CONTROL

- 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.

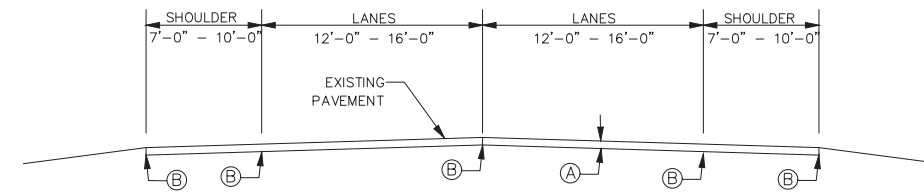
Scale: <p style="text-align: center;">NOT TO SCALE</p>	Designed by: <div style="text-align: center;">  </div>	MAINE TURNPIKE AUTHORITY 2360 Congress Street Portland, ME 04102 TEL (207) 871-7771 FAX (207) 879-5567	<div style="display: flex; align-items: center; justify-content: center;">  <div> <h2 style="margin: 0;">THE GOLD STAR MEMORIAL HIGHWAY</h2> </div> </div>	PAVEMENT REHABILITATION ESTIMATED QUANTITIES AND GENERAL NOTES																												
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Drawn	BMB 02/29/24	In Charge of	SRT 02/29/24																													
			MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.	2 of 19																												

PAVEMENT LEGEND

- Ⓐ = 1 3/4" HOT MIX ASPHALT, 12.5mm NOMINAL MAXIMUM SIZE
- Ⓑ = HOT RUBBERIZED ASPHALT (ASTM D6690) JOINT

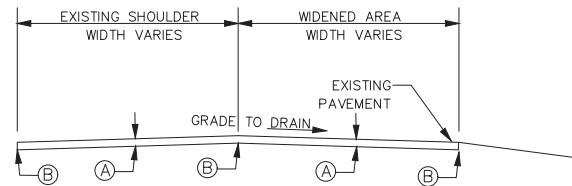


*PAVEMENT MILL & FILL
STA 0+50 - STA 6+00
N.T.S

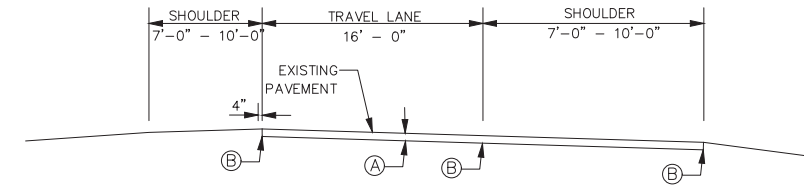


*PAVEMENT MILL & FILL
RAMP AREAS
N.T.S

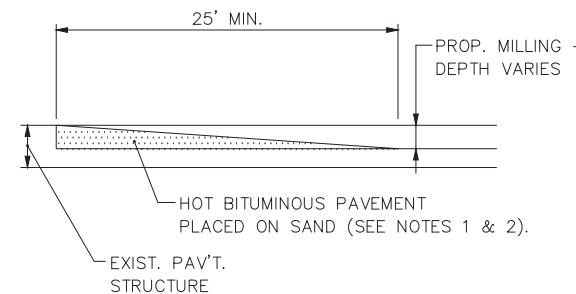
* SEE SHADED SITE PLAN FOR LOCATIONS



*PAVEMENT MILL & FILL
N.T.S



*PAVEMENT MILL & FILL
SINGLE RAMP
N.T.S

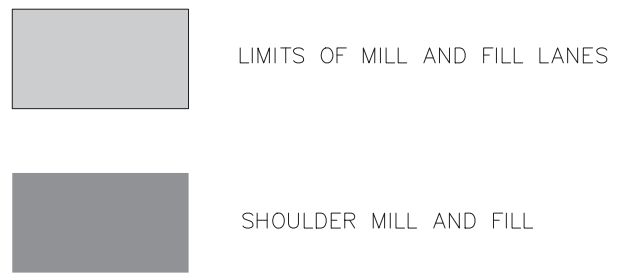


TEMPORARY BITUMINOUS RAMP
N.T.S.

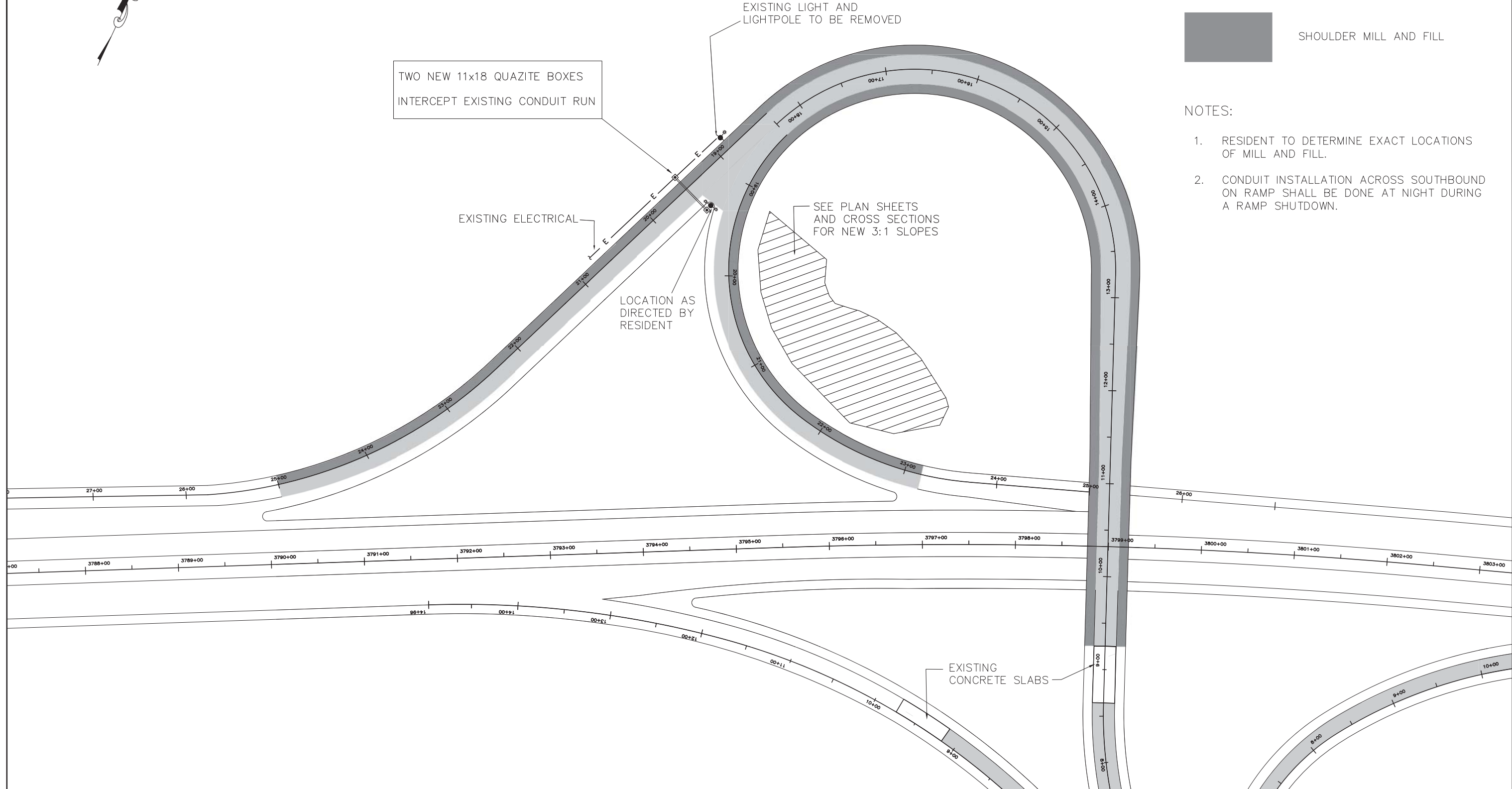
NOTES:

1. HOT MIX ASPHALT FOR TEMPORARY RAMPS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCIDENTAL TO HOT MIX ASPHALT 12.5 MM.
2. REMOVAL OF TEMP. BITUMINOUS RAMPS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCIDENTAL TO HOT MIX ASPHALT 12.5 MM.
3. A COATING OF HOT RUBBERIZED ASPHALT CONFORMING TO ASTM D6690 TYPE IV SHALL BE APPLIED TO ALL TRANSVERSE BUTT JOINTS AND LONGITUDINAL JOINTS.
4. BITUMINOUS TACK COAT IS REQUIRED BETWEEN EXISTING PAVEMENT AND HMA 12.5mm

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No.	Revision	By	Date	By	Date	Checked	Date	By	Date	In Charge of	Date	SHEET NUMBER: P-1							
				JRL	02/29/24	HJM	02/29/24	SRT	02/29/24			CONTRACT: 2024.04							
											3 of 19								




- NOTES:
1. RESIDENT TO DETERMINE EXACT LOCATIONS OF MILL AND FILL.
 2. CONDUIT INSTALLATION ACROSS SOUTHBOUND ON RAMP SHALL BE DONE AT NIGHT DURING A RAMP SHUTDOWN.



Scale: NOT TO SCALE


No.	Revision	By	Date

Designed by:



	By	Date		By	Date
Designed	JRL	02/29/24	Checked	HJM	02/29/24
Drawn	BMB	02/29/24	In Charge of	SRT	02/29/24

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



**THE GOLD STAR
 MEMORIAL HIGHWAY**

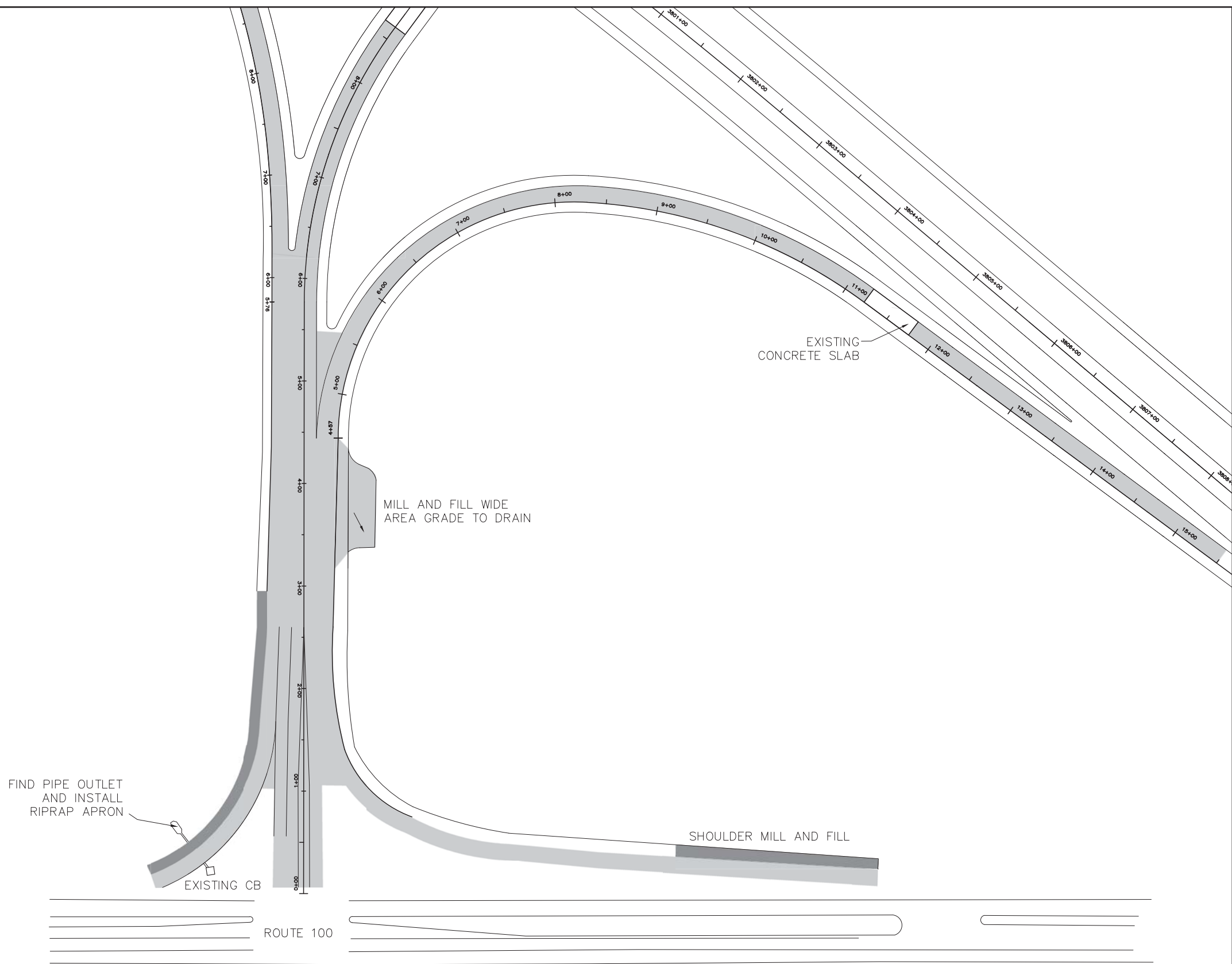
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.



PAVEMENT REHABILITATION
 SITE PLAN I

SHEET NUMBER: P-2

CONTRACT: 2024.04



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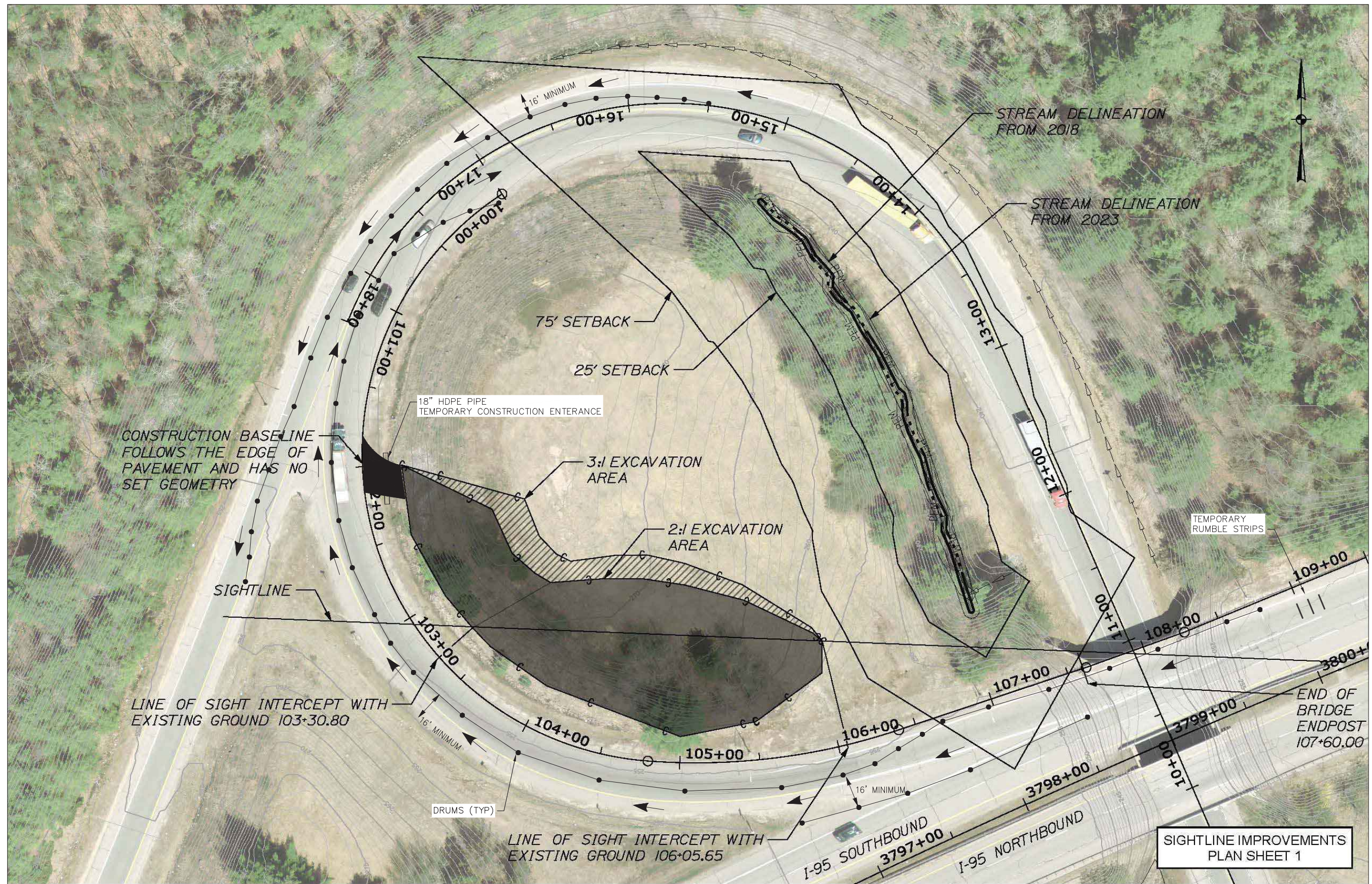
-  LIMITS OF MILL AND FILL LANES
-  SHOULDER MILL AND FILL

NOTES:

1. RESIDENT TO DETERMINE EXACT LOCATIONS OF MILL AND FILL

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



**THE GOLD STAR
MEMORIAL HIGHWAY**

PAVEMENT REHABILITATION

SITE PLAN III

No.	Revision	By	Date

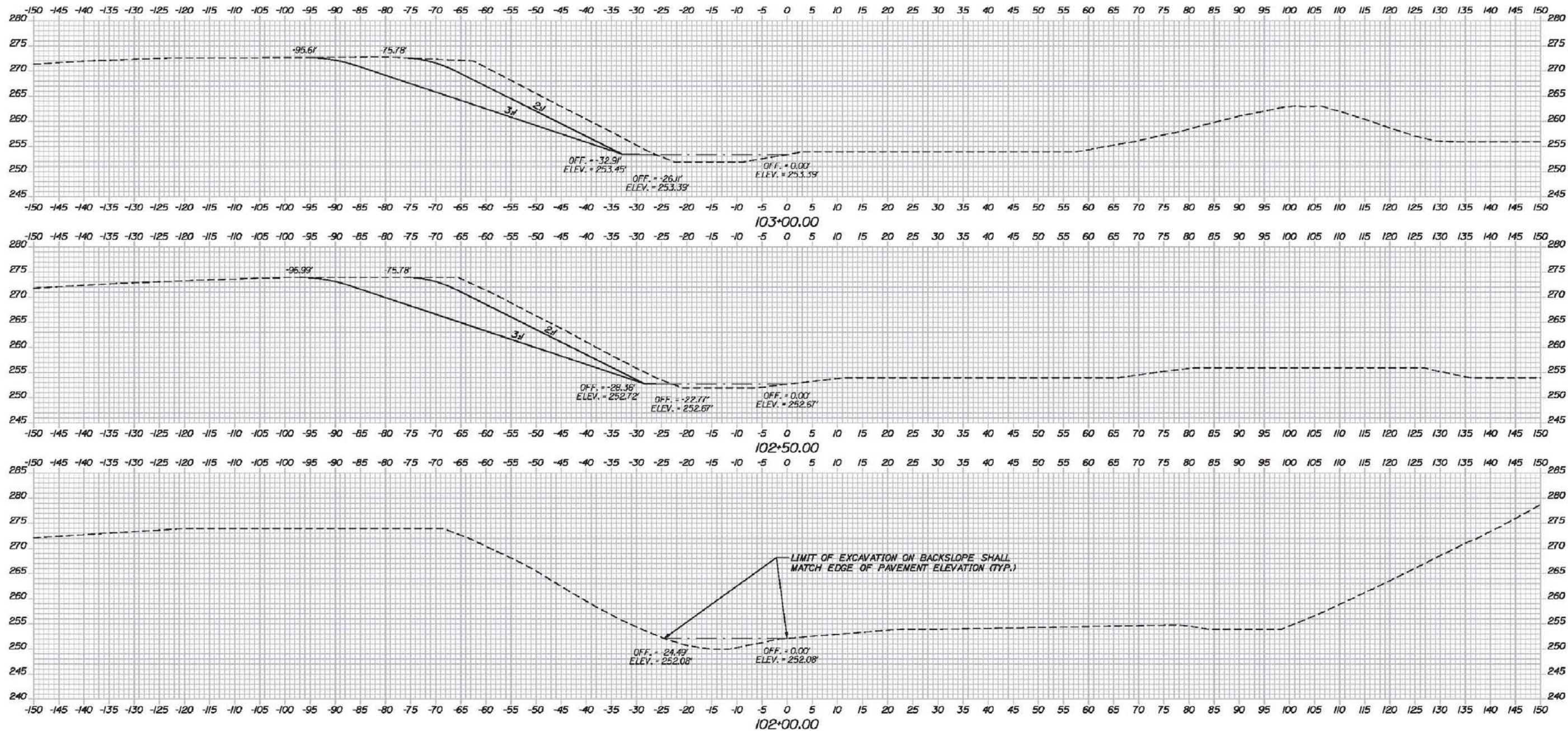
	By	Date		By	Date
Designed	JRL	02/29/24	Checked	HJM	02/29/24
Drawn	BMB	02/29/24	In Charge of	SRT	02/29/24

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

CONTRACT: 2024.04



SHEET NUMBER: P-4

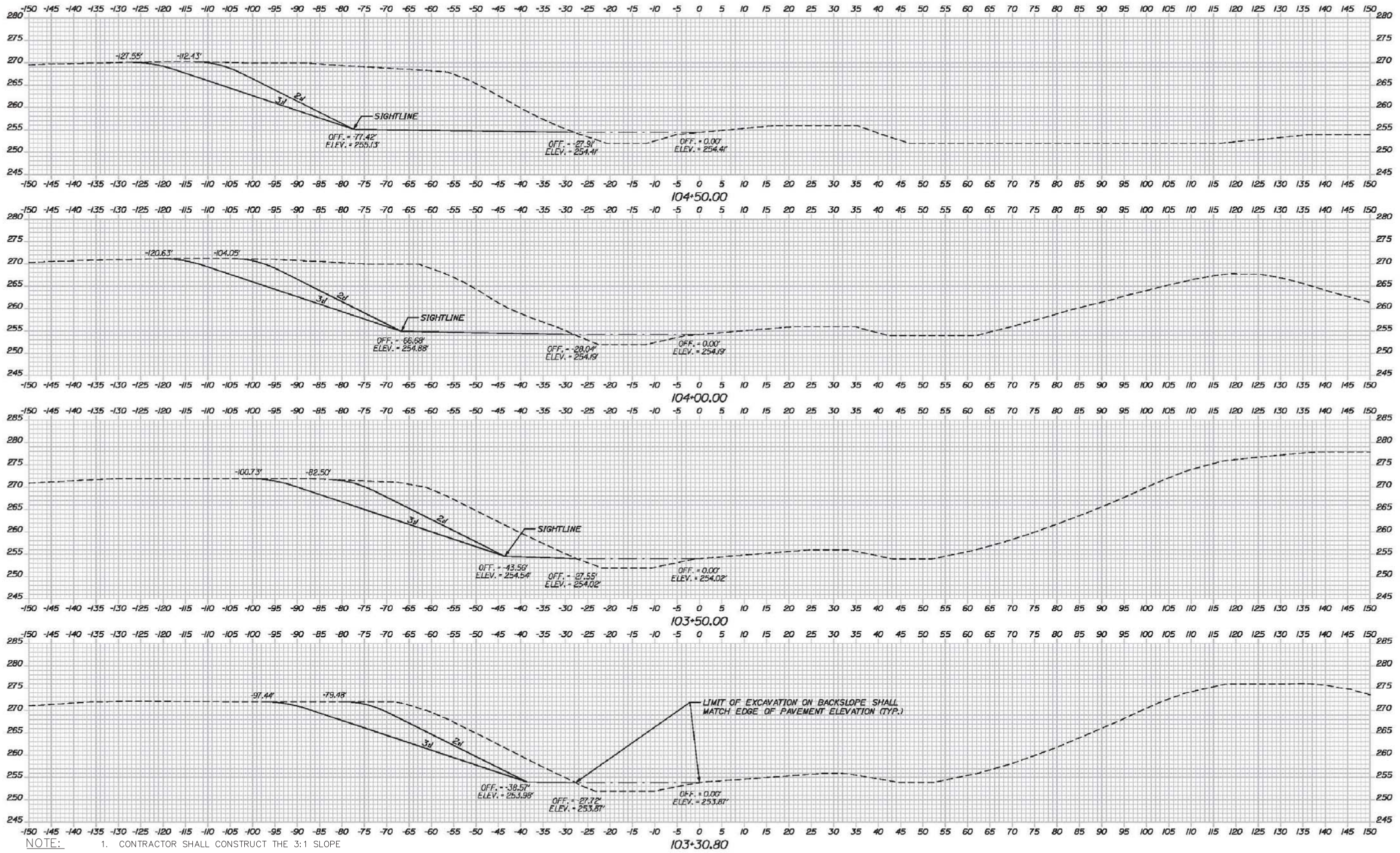
6 of 19



NOTE:

- CONTRACTOR SHALL CONSTRUCT THE 3:1 SLOPE



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No.	Revision	By	Date	By	Date	MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.		SHEET NUMBER: P-5	
				Designed	JRL 02/29/24	Checked	HJM 02/29/24	CONTRACT: 2024.04	
				Drawn	BMB 02/29/24	In Charge of	SRT 02/29/24	7 of 19	



Scale: NOT TO SCALE

No.	Revision	By	Date

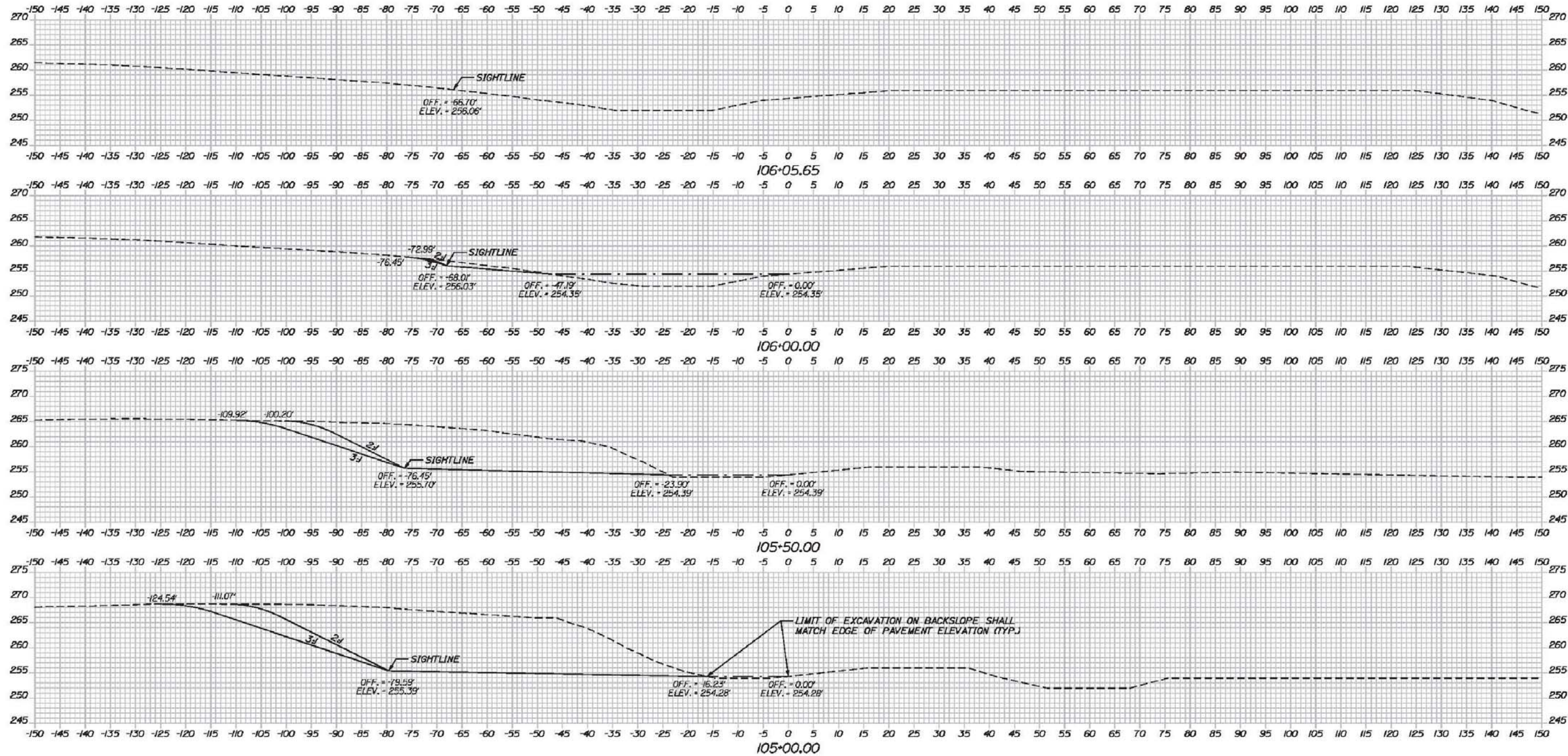
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		By	Date	By	Date
		JRL	02/29/24	HJM	02/29/24
		Checked	Date	In Charge of	Date
		BMB	02/29/24	SRT	02/29/24

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 Portland, ME 04102
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THE GOLD STAR MEMORIAL HIGHWAY
 MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

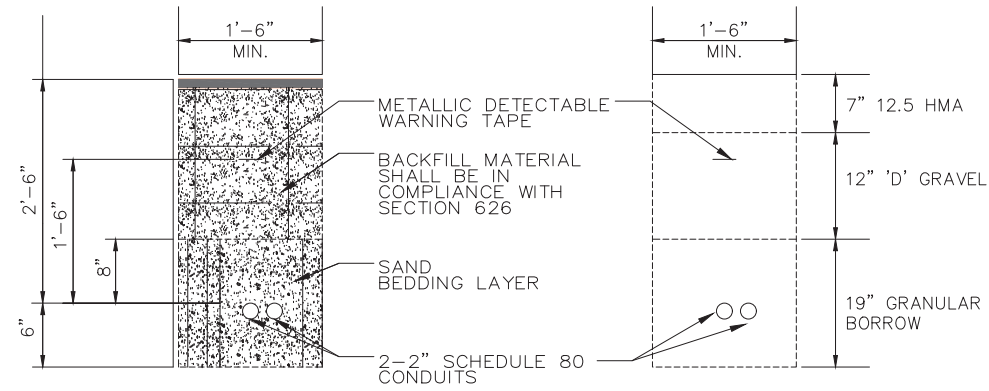
PAVEMENT REHABILITATION
 CROSS SECTIONS II
 SHEET NUMBER: P-6
 CONTRACT: 2024.04
 8 of 19



NOTE:

- CONTRACTOR SHALL CONSTRUCT THE 3:1 SLOPE

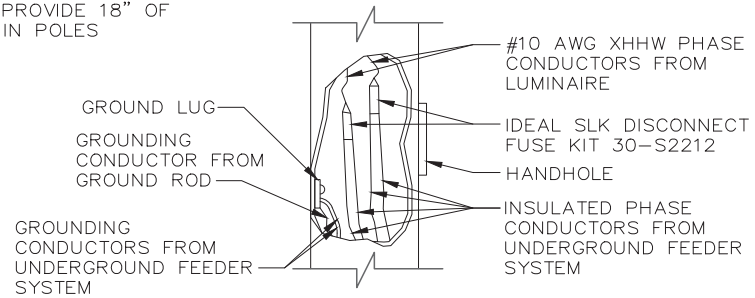
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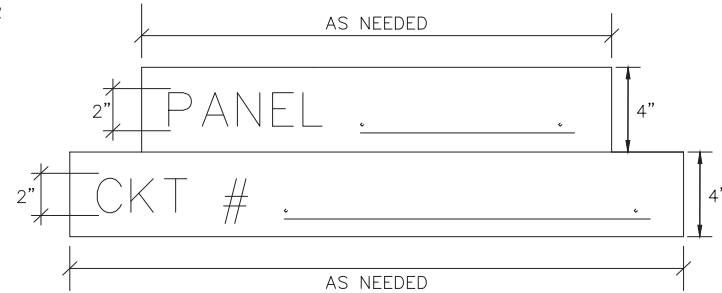
TRENCH CROSS SECTION

ROADWAY TRENCH CROSS SECTION

NOTE: CONTRACTOR SHALL PROVIDE 18" OF SLACK IN POLES

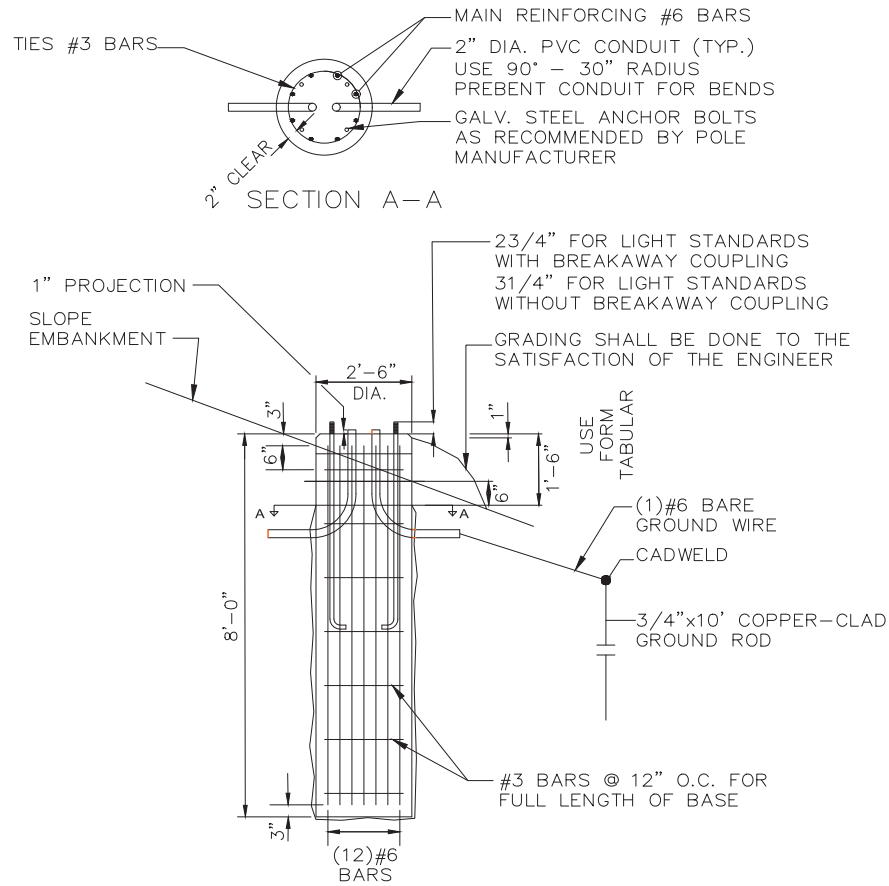


TYPICAL POLE WIRING DETAIL

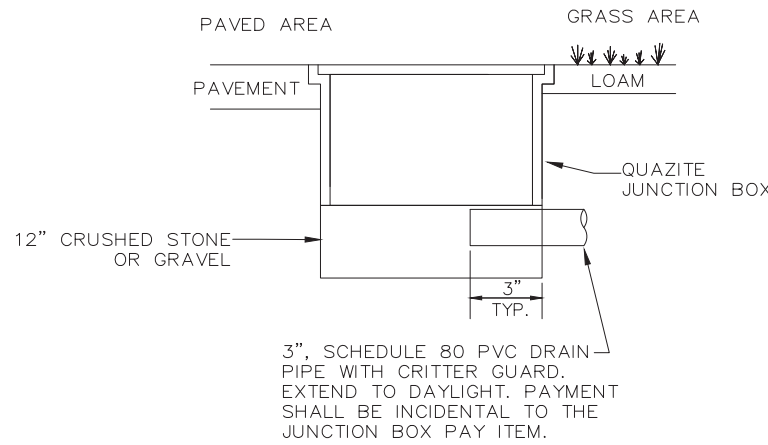


LABELS SHALL BE BLACK LETTERS ON A WHITE BACKGROUND. LABELS SHALL ADHERE TO THE POLES. ADHESIVE SHALL REMAIN TACKY FROM -10° F TO 110° F

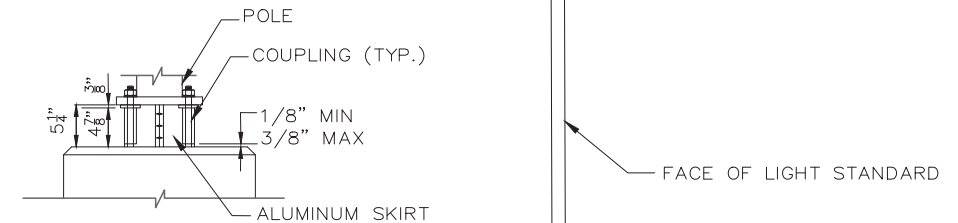
POLE IDENTIFICATION DETAIL



30" FOUNDATION



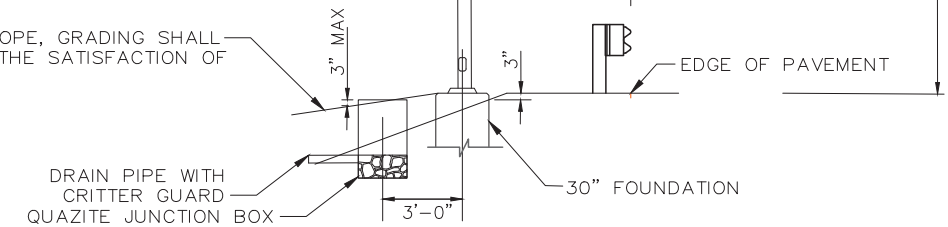
JUNCTION BOX COVER & FRAME



* BREAKAWAY COUPLINGS SHALL BE REQUIRED ON ALL NEW LIGHT STANDARDS EXCEPT POLES MOUNTED ON BARRIER

BREAKAWAY COUPLINGS AND SKIRT DETAIL

PROPOSED SLOPE, GRADING SHALL BE DONE TO THE SATISFACTION OF THE RESIDENT



PLACEMENT OF LIGHT STANDARD

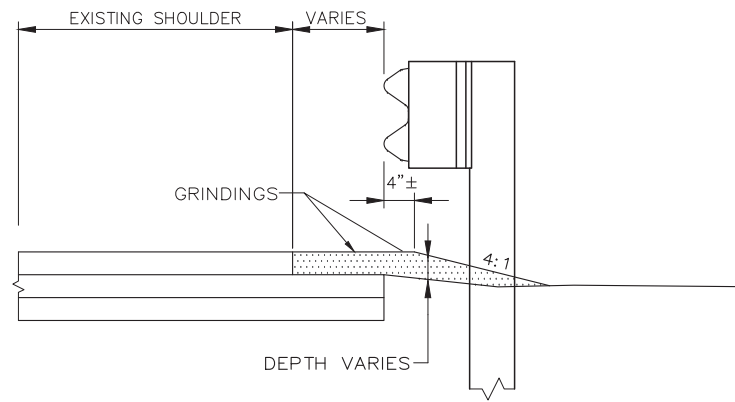
NOTES:

WHERE SOLID ROCK IS ENCOUNTERED AT LESS THAN THE REQUIRED DISTANCE BELOW GROUND LEVEL, REINFORCING STEEL SHALL BE DOWELED INTO LEDGE AS SHOWN ON MAINEDOT STANDARD DETAIL 626(06). PAYMENT SHALL BE INCIDENTAL TO THE FOUNDATION PAY ITEM.

NOTES:

1. INSTALL JUNCTION BOX ON GRADE.
2. SPLICES IN BOX SHALL BE MADE WITH ILSCO USPA-350SS-DB DUAL RATED INSULATED, IN-LINE, WATERPROOF SPLICE, UL LISTED FOR DIRECT BURIAL (WIRE RANGE FROM 350KCMIL - 10AWG STRANDED) ONLY. PROVIDE ENOUGH SLACK IN THE WIRE TO ALLOW REMOVAL OF SPLICES AND NEATLY ARRANGE WIRE IN BOX.
3. 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.
4. COVER SHALL BE HEAVY DUTY TYPE TIER 22 WITH (2) 1/2" STAINLESS STEEL PENTA-HEAD BOLTS.

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No.	Revision	By	Date	By	Date	By	Date	SHEET NUMBER: P-8			
		JRL	02/29/24	HJM	02/29/24	CONTRACT: 2024.04					
		BMB	02/29/24	SRT	02/29/24	MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.				10 of 19	



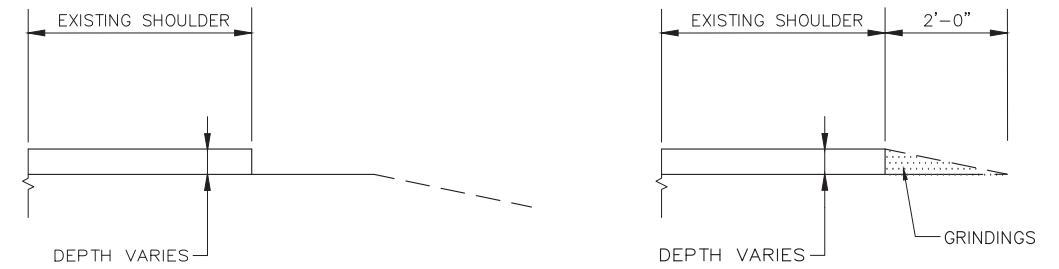
BERM DROPOFF CORRECTION WITH GUARDRAIL
RIGHT OUTSIDE SHOULDER
N.T.S.

NOTES:

1. BERM CORRECTION LIMITS TO BE DETERMINED IN THE FIELD BY THE RESIDENT.
2. AREAS OF BERM DROP OFF CORRECTION REQUIRING 3" OR MORE SHALL BE PLACED PRIOR TO SHIFTING TRAFFIC ONTO ADJACENT SHOULDER.
3. BERM DROP OFF SHALL BE PLACED AT ALL LOCATIONS AS NEEDED UNLESS OTHERWISE DIRECTED BY THE RESIDENT.

NOTES:

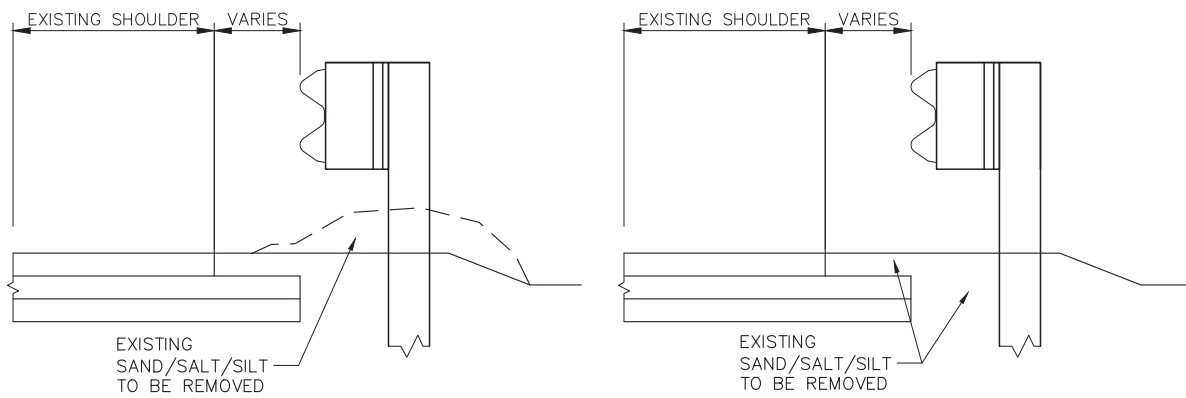
1. TAPER SLOPE DOWN TO CATCH BASINS TO PREVENT DROP OFF. USE DEPTH GREATER THAN 8" IN TAPER SECTION IF REQUIRED.



EXISTING SECTION

PROPOSED SECTION

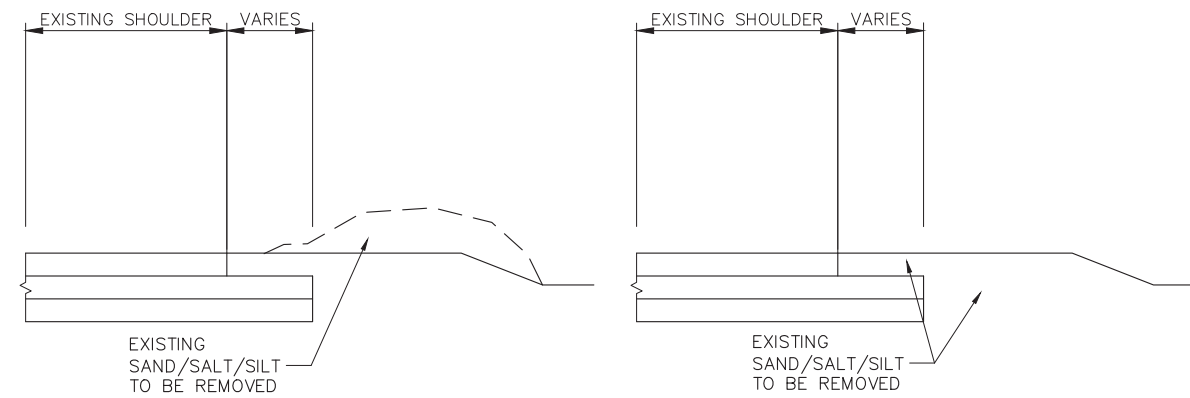
DETAIL A
BERM DROPOFF CORRECTION WITHOUT GUARDRAIL
N.T.S.



EXISTING SECTION

PROPOSED SECTION

BERM CORRECTION — WITH GUARDRAIL
N.T.S.



EXISTING SECTION

PROPOSED SECTION

BERM CORRECTION
WITHOUT GUARDRAIL
N.T.S.

NOTES:

1. TAPER SLOPE DOWN TO CATCH BASINS TO PREVENT DROP OFF. USE DEPTH GREATER THAN 8" IN TAPER SECTION IF REQUIRED.

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 R. Leavitt, P.E.

PAVEMENT REHABILITATION

BERM DROPOFF CORRECTION DETAILS

SHEET NUMBER: P-9

CONTRACT: 2024.04

11 of 19

No.	Revision	By	Date

	By	Date		By	Date
Designed	JRL	02/29/24	Checked	HJM	02/29/24
Drawn	BMB	02/29/24	In Charge of	SRT	02/29/24

DIMENSIONS FOR SLOPE OF 2:1

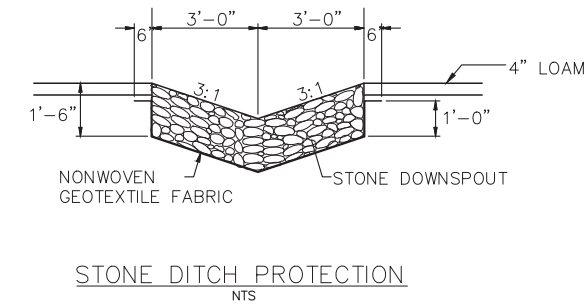
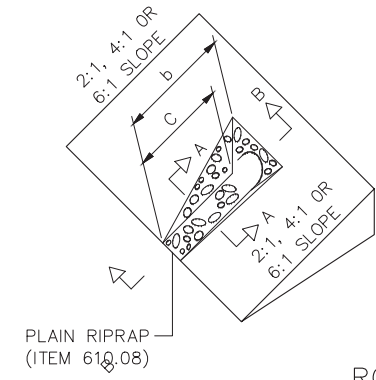
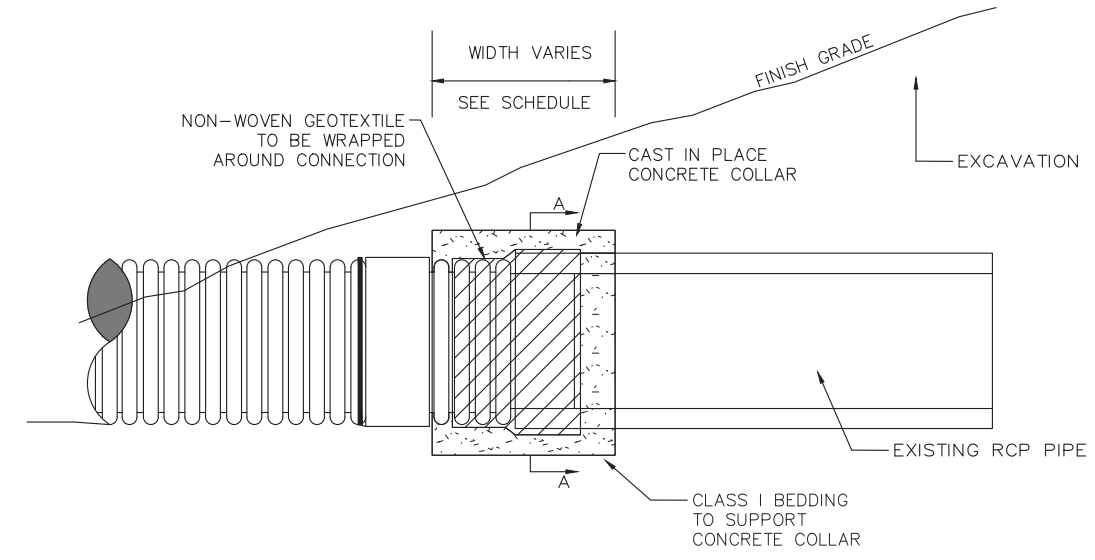
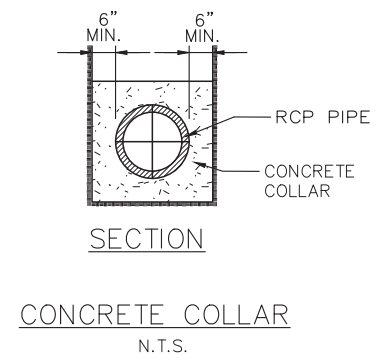
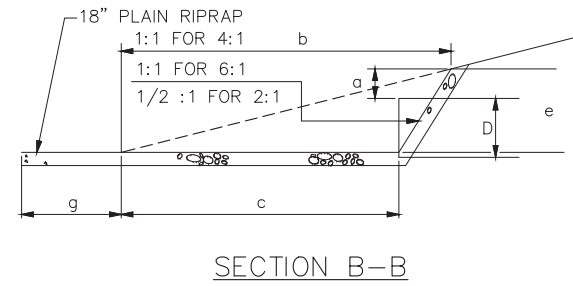
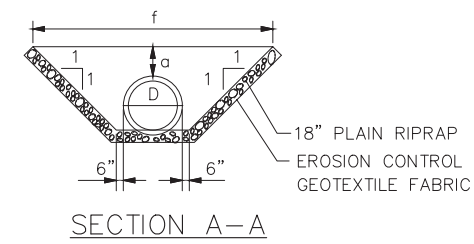
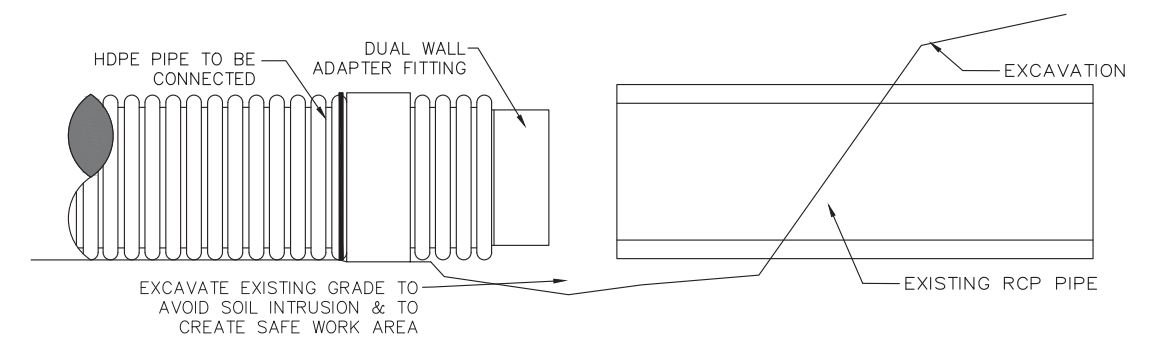
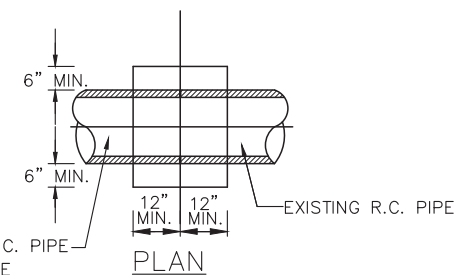
D	A (FT)	B (FT)	C (FT)	E (FT)	F (FT)	G (FT)	STONE DEPTH (FT)	STONE (CY)
12"	1.00	4.00	3.00	2.00	6.00	1.00	1.50	1.30
15"	1.00	4.50	3.37	2.25	6.75	1.63	1.50	1.70
18"	1.00	5.00	3.75	2.50	7.50	2.25	1.50	2.09
24"	1.00	6.00	4.50	3.00	9.00	3.50	1.50	3.12
30"	1.00	7.00	5.25	3.50	10.50	4.75	1.50	4.33

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	1.50	2.30
15"	0.50	10.50	8.75	1.75	5.50	0.00	1.50	2.93
18"	0.50	12.00	10.00	2.00	6.50	0.00	1.50	3.57
24"	0.50	15.00	12.50	2.50	8.00	0.00	1.50	5.44
30"	0.50	18.00	15.00	3.00	9.50	0.00	1.50	7.71

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	1.50	2.20
15"	1.00	9.00	6.75	2.25	6.75	0.00	1.50	2.80
18"	1.00	10.00	7.50	2.50	7.50	0.00	1.50	3.40
24"	1.00	12.00	9.00	3.00	9.00	0.00	1.50	4.86
30"	1.00	14.00	10.50	3.50	10.50	0.00	1.50	6.58



PIPE DIA. (INCHES)	WIDTH OF CONC. (INCHES)
12	24
15	24
18	24
24	24
30	30
36	36
42	48
48	48

1 LF OF DOWNSPOUT = 0.33 CY OF STONE DITCH PROTECTION
1 LF OF DOWNSPOUT = 1.04 SY OF EROSION CONTROL GEOTEXTILE FABRIC

NOTES:

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

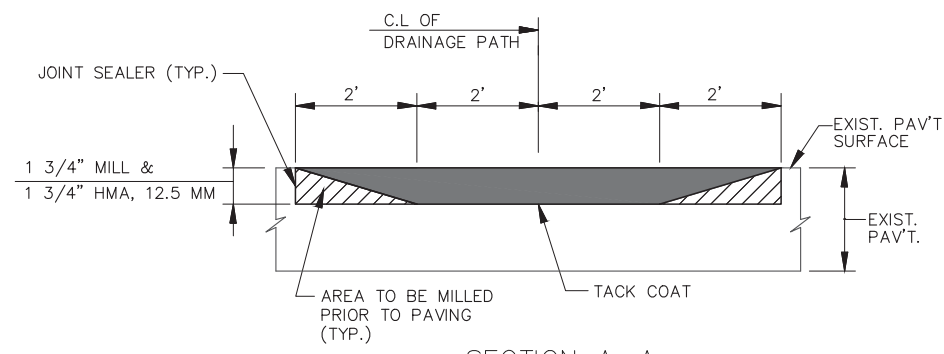
NOTES:

- STONE FOR STONE DOWNSPOUTS SHALL MEET THE REQUIREMENTS OF MAINEDOT SPECIFICATION 703.29 AND WILL BE PAID FOR UNDER ITEM 610.18 STONE DITCH PROTECTION.
- REMOVAL OF 12" SLOPE DRAIN PIPE IS INCIDENTAL TO CONSTRUCTION OF DOWNSPOUT
- SEE APPENDIX FOR LOCATIONS AT MM 73.0

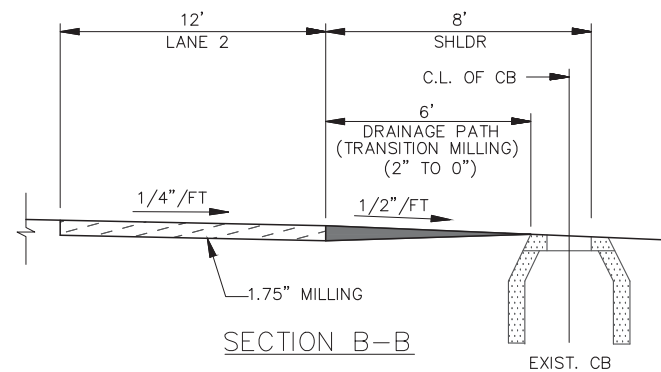
NOTES:

- CONNECTION AND PIPE TO BE BACKFILLED PER ASTM D2321 (CRUSHED STONE).
- CONCRETE SHALL BE CLASS A FIBER REINFORCED.
- SEE CONCRETE COLLAR WIDTH SCHEDULE FOR DIMENSIONS.
- CONCRETE COLLAR SHALL BE FORMED IN PLACE.

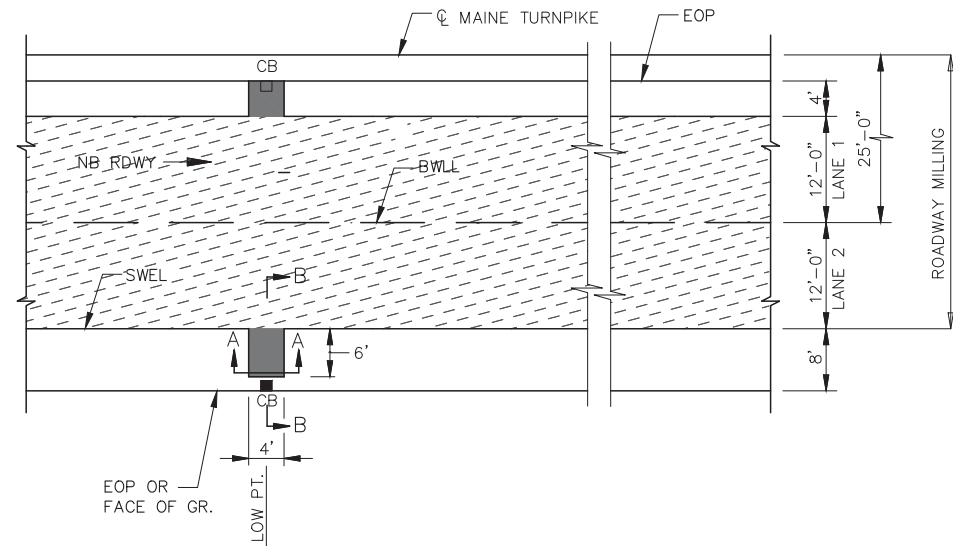
Scale: NOT TO SCALE		Designed by: MAINE TURNPIKE AUTHORITY 2360 Congress Street Portland, ME 04102 TEL (207) 871-7771 FAX (207) 879-5567		THE GOLD STAR MEMORIAL HIGHWAY		PAVEMENT REHABILITATION DRAINAGE DETAILS	
No.	Revision	By	Date	By	Date	SHEET NUMBER: P-10	
1	Addendum #2	JRL	2/2/23	JRL	02/29/24	CONTRACT: 2024.04	
				Checked	HJM	12 of 19	
				In Charge of	SRT		
				MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.			



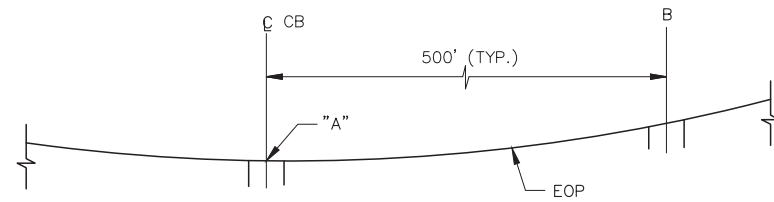
SECTION A-A



SECTION B-B



PLAN VIEW



PROFILE

DRAINAGE PATH DETAILS

LEGEND

- = DRAINAGE PATH MILLING
- = TRAVEL LANE MILLING

NOTES:

1. DRAINAGE PATH REQUIRED AT ALL LOW POINTS.

Scale:
NOT TO SCALE

Designed by:



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



THE GOLD STAR
MEMORIAL HIGHWAY

PAVEMENT REHABILITATION

MISCELLANEOUS DETAILS I

No.	Revision	By	Date

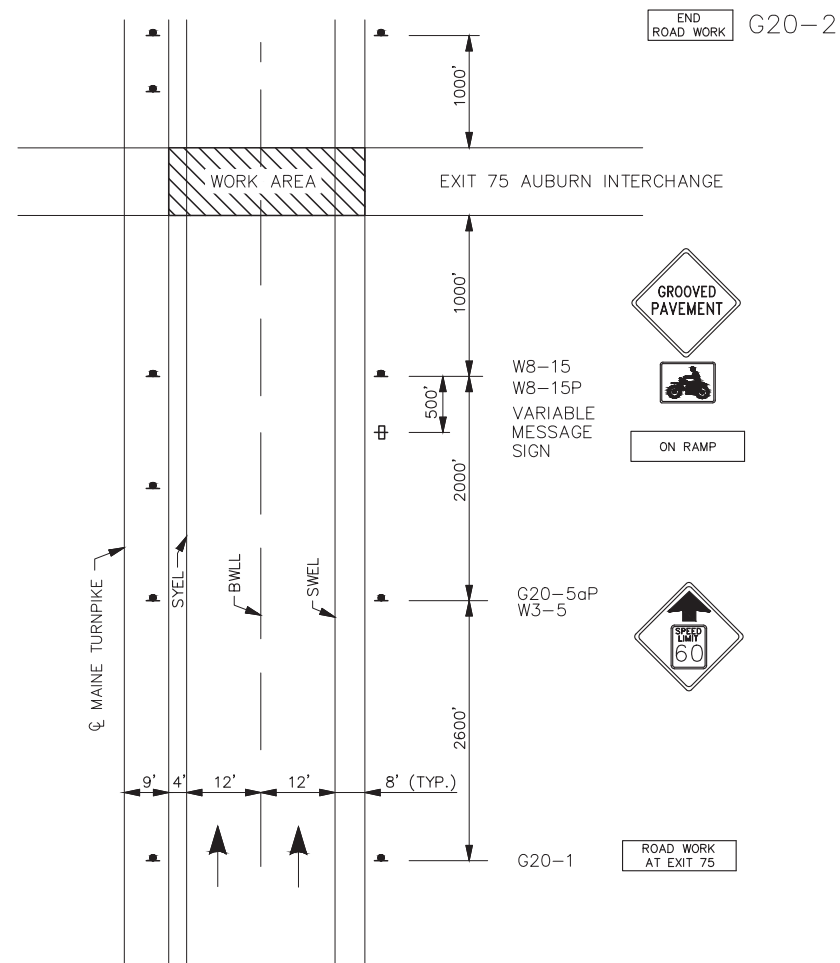
	By	Date		By	Date
Designed	JRL	02/29/24	Checked	HJM	02/29/24
Drawn	BMB	02/29/24	In Charge of	SRT	02/29/24

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

CONTRACT: 2024.04

SHEET NUMBER: P-11

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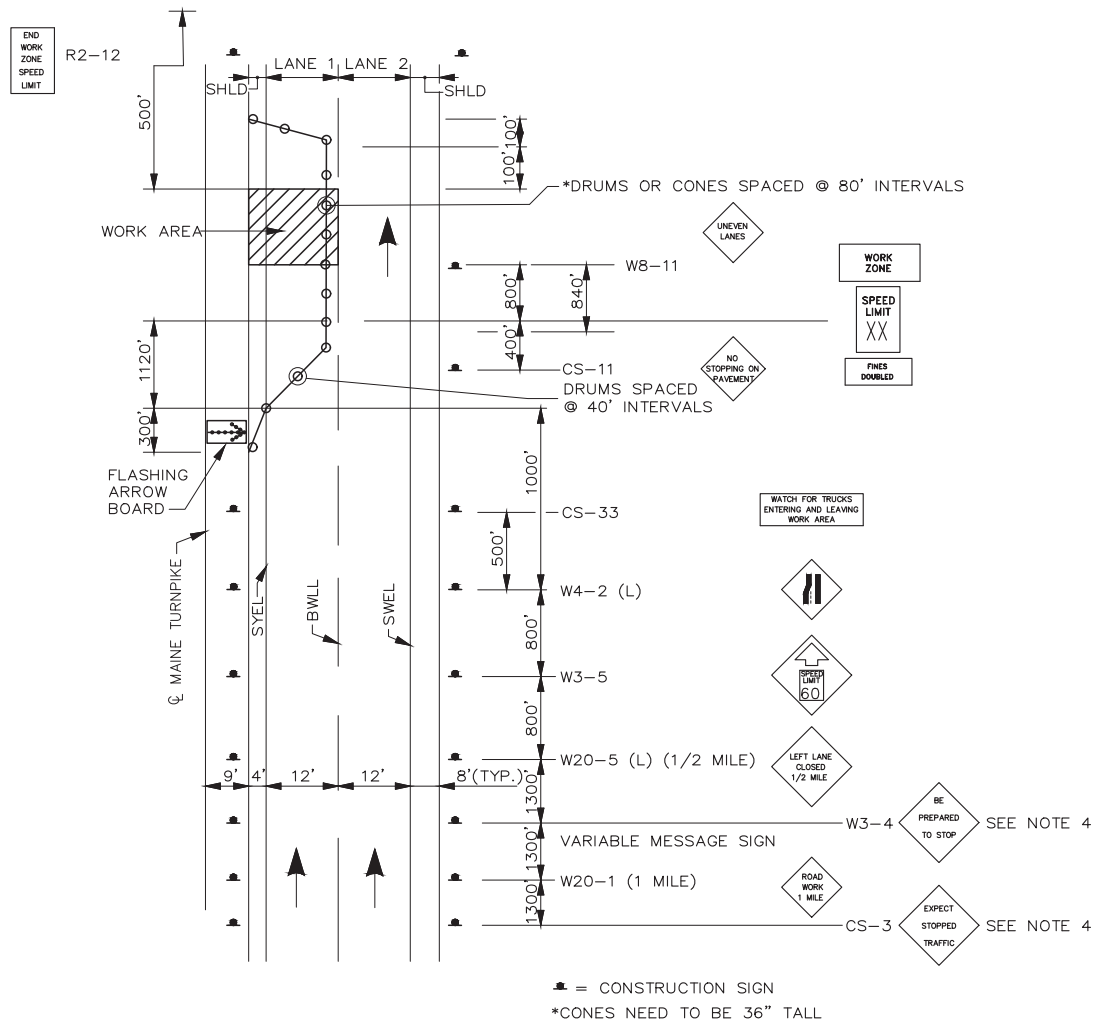
*SIGNAGE ON ROUTE 100
TO BE FIELD LOCATED BY THE RESIDENT

MAINLINE PAVING
ADVANCED PROJECT SIGNING - SOUTHBOUND
NORTHBOUND SIMILAR

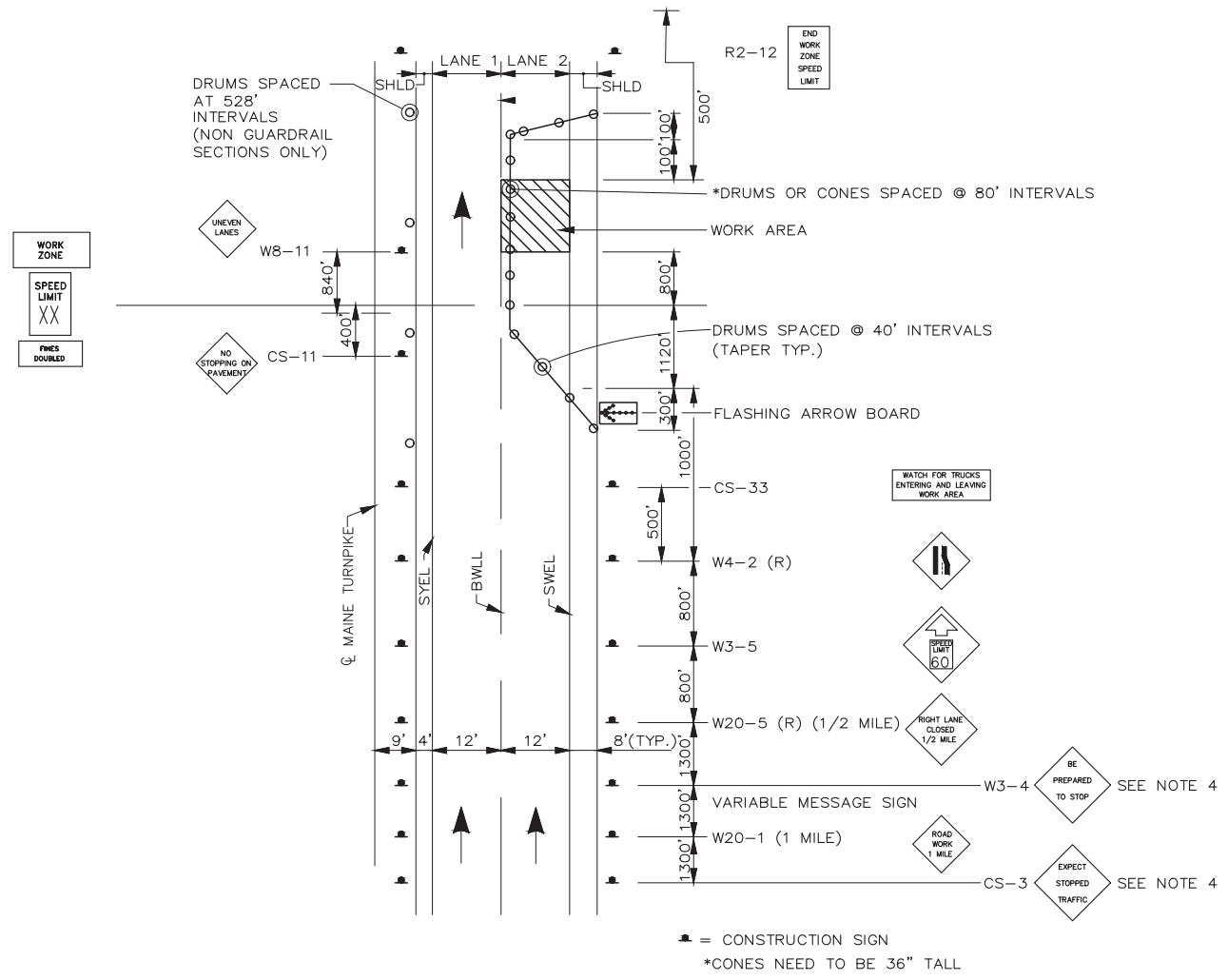
NOTES:

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		PAVEMENT REHABILITATION																									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Revision</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		No.	Revision					By	Date													<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th>By</th> <th>Date</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Designed</td> <td>JRL 02/29/24</td> <td>Checked</td> <td>HJM 02/29/24</td> </tr> <tr> <td>Drawn</td> <td>BMB 02/29/24</td> <td>In Charge of</td> <td>SRT 02/29/24</td> </tr> </tbody> </table>		By	Date	By	Date	Designed	JRL 02/29/24	Checked	HJM 02/29/24	Drawn	BMB 02/29/24
No.	Revision	By	Date																														
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MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.						CONTRACT: 2024.04		SHEET NUMBER: T-1																									
								14 of 19																									



STANDARD SINGLE LANE CLOSURE
LANE 1




STANDARD SINGLE LANE CLOSURE
LANE 2

- 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	Checked	By	Date
Designed	JRL 02/29/24	Checked	HJM	02/29/24
Drawn	BMB 02/29/24	In Charge of	SRT	02/29/24

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 R. Leavitt, P.E.

PAVEMENT REHABILITATION
TRAFFIC CONTROL DETAILS II

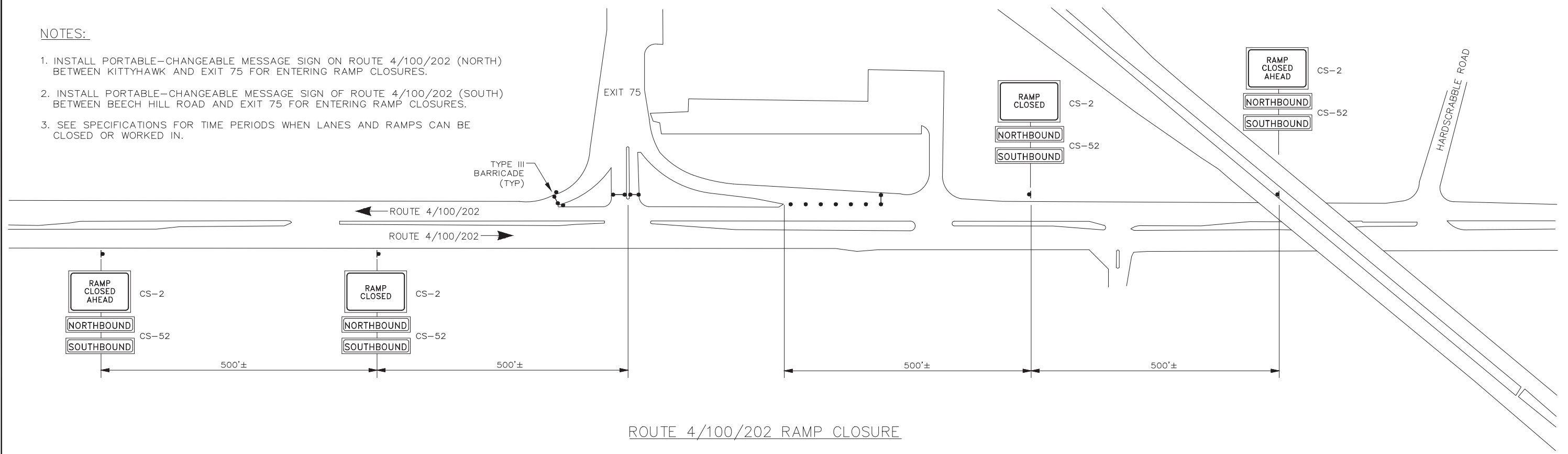
SHEET NUMBER: T-2

CONTRACT: 2024.04

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NOTES:

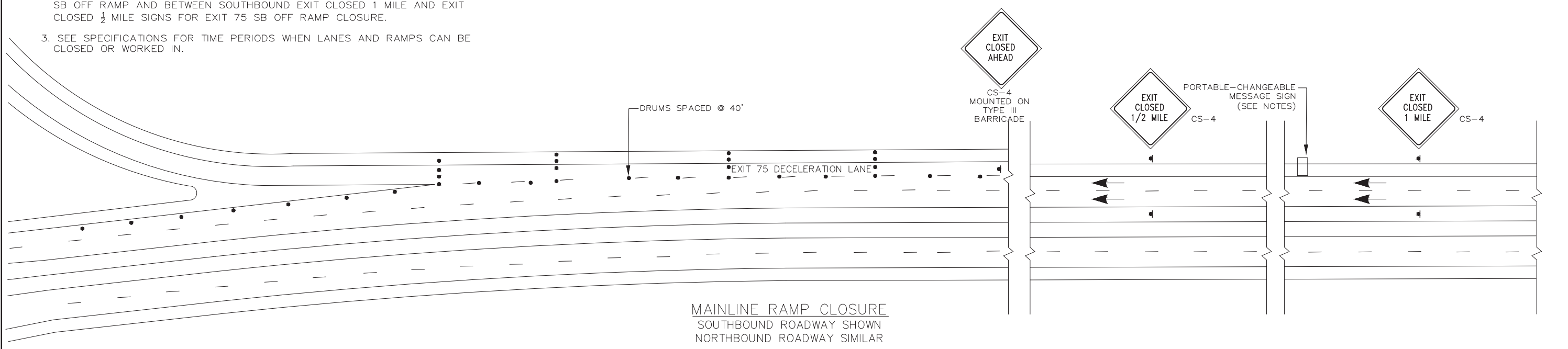
1. INSTALL PORTABLE-CHANGEABLE MESSAGE SIGN ON ROUTE 4/100/202 (NORTH) BETWEEN KITTYHAWK AND EXIT 75 FOR ENTERING RAMP CLOSURES.
2. INSTALL PORTABLE-CHANGEABLE MESSAGE SIGN OF ROUTE 4/100/202 (SOUTH) BETWEEN BEECH HILL ROAD AND EXIT 75 FOR ENTERING RAMP CLOSURES.
3. SEE SPECIFICATIONS FOR TIME PERIODS WHEN LANES AND RAMPS CAN BE CLOSED OR WORKED IN.



ROUTE 4/100/202 RAMP CLOSURE

NOTES:

1. INSTALL PORTABLE-CHANGEABLE MESSAGE SIGN 1/2 TO 1 MILE BEFORE EXIT 63 NB OFF RAMP AND BETWEEN NORTHBOUND EXIT CLOSED 1 MILE AND EXIT CLOSED 1/2 MILE SIGNS FOR EXIT 75 NB OFF RAMP CLOSURE.
2. INSTALL PORTABLE-CHANGEABLE MESSAGE SIGN 1/2 TO 1 MILE BEFORE EXIT 80 SB OFF RAMP AND BETWEEN SOUTHBOUND EXIT CLOSED 1 MILE AND EXIT CLOSED 1/2 MILE SIGNS FOR EXIT 75 SB OFF RAMP CLOSURE.
3. SEE SPECIFICATIONS FOR TIME PERIODS WHEN LANES AND RAMPS CAN BE CLOSED OR WORKED IN.



MAINLINE RAMP CLOSURE
SOUTHBOUND ROADWAY SHOWN
NORTHBOUND ROADWAY SIMILAR

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		PAVEMENT REHABILITATION TRAFFIC CONTROL DETAILS III																													
<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>No.</th> <th>Revision</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table>		No.	Revision	By	Date													<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th>By</th> <th>Date</th> <th>By</th> <th>Date</th> </tr> </thead> <tbody> <tr> <td>Designed JRL</td> <td>02/29/24</td> <td>Checked HJM</td> <td>02/29/24</td> </tr> <tr> <td>Drawn BMB</td> <td>02/29/24</td> <td>In Charge of SRT</td> <td>02/29/24</td> </tr> </tbody> </table>		By	Date	By	Date	Designed JRL	02/29/24	Checked HJM	02/29/24	Drawn BMB	02/29/24	In Charge of SRT	02/29/24	MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.		CONTRACT: 2024.04		SHEET NUMBER: T-3 16 of 19	
No.	Revision	By	Date																																		
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Designed JRL	02/29/24	Checked HJM	02/29/24																																		
Drawn BMB	02/29/24	In Charge of SRT	02/29/24																																		

K:\Contracts\2024 Construction Project Files\2024.04 - Exit 75 Paving Project Development\ORA\CAD Print Date 2.29.2024

IDENTIFICATION 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		
G20-1	48"	24"		TEXT DIMENSIONS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			8	COLORS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			8.00 (64)
G20-2	48"	24"					8				8.00 (64)
G20-5aP	48"	24"					8				8.00 (64)
R2-1 (60)	48"	60"					8				20.00 (160)
R2-6aP	48"	24"		6"	4.5"		8				8.00 (64)
R2-12	36"	54"		6"	4.5"		8				13.50 (108)
W1-4L	48"	48"					4				16.00 (64)
CS-38	48"	48"					2				16.00 (32)
W5-4	48"	48"					4				16.00 (64)
CS-2 (AHEAD)	48"	36"					6				12.00 (72)
CS-4 (1 MILE) (1/2 MILE) (AHEAD)	48"	48"					4				16.00 (64)

IDENTIFICATION 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		
W1-4R	48"	48"		TEXT DIMENSIONS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			4	COLORS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			16.00 (64)
W3-4	48"	48"					4				16.00 (64)
W3-5 (50) (60)	48"	48"					4				16.00 (64)
W4-2L	48"	48"					4				16.00 (64)
W4-2R	48"	48"					4				16.00 (64)
W8-1	48"	48"					8				16.00 (128)
W8-11	48"	48"					8				16.00 (128)
W13-4P	36"	36"					8				9 (72)
CS-52	96"	18"					4				12.00 (48)
W5-4A	48"	48"					6				16.00 (96)

Scale: NOT TO SCALE

Designed by:



MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
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THE GOLD STAR
MEMORIAL HIGHWAY

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

PAVEMENT REHABILITATION

SIGN SUMMARY I







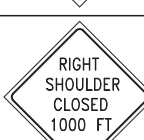
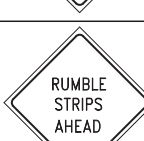

SHEET NUMBER: T-4



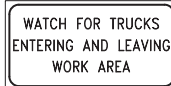


CONTRACT: 2024.04

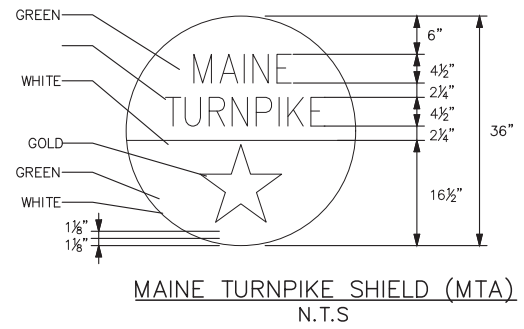
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No.	Revision	By	Date

	By	Date		By	Date
Designed	JRL	02/29/24	Checked	HJM	02/29/24
Drawn	BMB	02/29/24	In Charge of	SRT	02/29/24

IDENTIFICATION 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"		TEXT DIMENSIONS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			8	COLORS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			16.00 (128)
W8-15P	30"	24"					8				5.00 (40)
W20-1 (1 MILE) (AHEAD)	48"	48"					8 4				16.00 (128) 16.00 (64)
W20-5L (1/2 MILE) (AHEAD)	48"	48"					4				16.00 (64)
W20-5R (1/2 MILE) (AHEAD)	48"	48"					4 1				16.00 (64) 16 (16)
W21-5aR	48"	48"					1				16.00 (16)
W21-5bR (1000 FT)	48"	48"					1				16.00 (16)
W8-24A	48"	48"					4				16.00 (64)
W20-7	48"	48"					4				16.00 (64)



IDENTIFICATION 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-33	96"	36"		6" 6" 6"	4" 4"		2	ORANGE	BLACK		24.00 (48)
MI-2	24"	24"		TEXT DIMENSIONS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			6	COLORS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			4.00 (24)
LOGO S	24"	24"		SEE DETAILS RIGHT			6	SEE DETAILS RIGHT			4.00 (24)



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

NOTES:

- W8-1 SIGNS SHALL BE PLACED ADJACENT TO THE FIRST RUMBLE STRIP.
- PLACE W8-24A SIGNS 1,200 FEET PRIOR TO FIRST RUMBLE STRIP.



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		PAVEMENT REHABILITATION SIGN SUMMARY II	
No.	Revision	By	Date	By	Date	MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.		SHEET NUMBER: T-5	
				Designed	JRL 02/29/24	Checked	HJM 02/29/24	CONTRACT: 2024.04	
				Drawn	BMB 02/29/24	In Charge of	SRT 02/29/24	18 of 19	

NOTES:

- 1. TEMPORARY PAVEMENT MARKINGS ON MILLED PAVEMENT SHALL BE 6" SOLID WHITE, BROKEN WHITE, AND SOLID YELLOW PAINT LINES.
- 2. TEMPORARY PAVEMENT MARKINGS ON NEW HMA 12.5MM, OR SHIM MATERIAL, SHALL BE TEMPORARY RAISED PAVEMENT MARKERS. "SOLID" WHITE AND "SOLID" YELLOW LANE LINES SHALL BE TEMPORARY RAISED PAVEMENT MARKERS SPACED AT 10'-0" C. TO C.

NOTES:

- 1. CONTRACTOR IS RESPONSIBLE FOR LAYOUT AND STRIPING ON NEW PAVEMENT
- 2. PERMANENT PAVEMENT MARKINGS SHALL BE 6" WIDE LINES.
- 3. THE OFFSET DISTANCE SHOWN ARE MEASURED FROM THE CENTER OF THE 6" PAINT LINES.
- 4. THE CONTRACTOR WILL PROVIDE LANE CLOSURES FOR THE PERMANENT PAVEMENT MARKINGS.
- 5. GENERAL CONTRACTOR IS RESPONSIBLE FOR PAVEMENT MARKING LAYOUT

Scale: <p style="text-align: center; font-size: 1.2em;">NOT TO SCALE</p>		Designed by: <div style="text-align: center;">  </div>		MAINE TURNPIKE AUTHORITY 2360 Congress Street Portland, ME 04102 TEL (207) 871-7771 FAX (207) 879-5567		<div style="text-align: center;">  </div> <h2 style="text-align: center; margin: 0;">THE GOLD STAR MEMORIAL HIGHWAY</h2>		PAVEMENT REHABILITATION PAVEMENT MARKING DETAIL																														
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