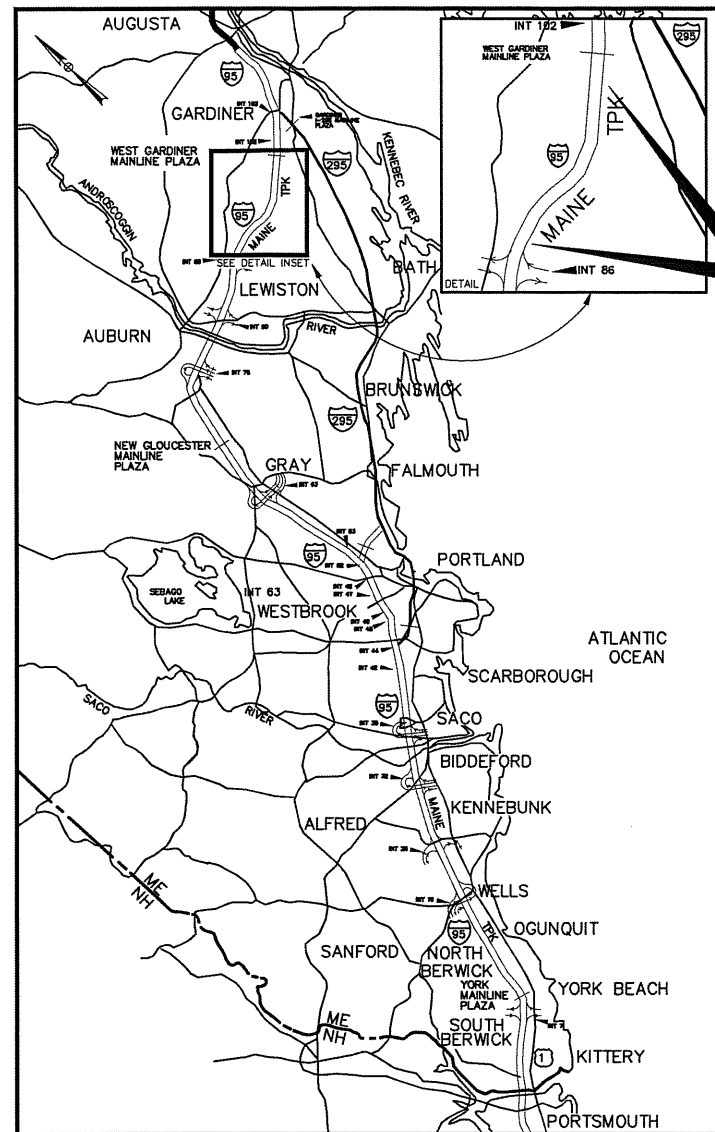




THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY



LOCATION MAP

CONTRACT 2023.01
PAVEMENT REHABILITATION
MM 88.6 TO MM 98.0

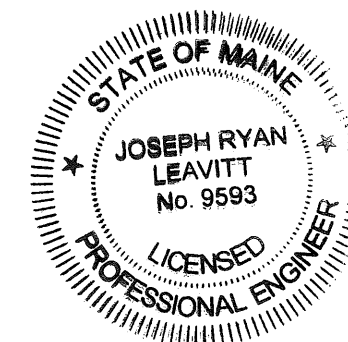
DANIEL E. WATHEN, CHAIR
ROBERT D. STONE, VICE CHAIR
MICHAEL J. CIANCHETTE, MEMBER
JANE L. LINCOLN, MEMBER
ANDREW McLEAN, MEMBER
THOMAS J. ZUKE, MEMBER
BRUCE A. VAN NOTE, EX-OFFICIO

S. PETER MILLS, EXECUTIVE DIRECTOR

CONTRACT 2023.01 PAVEMENT REHABILITATION AND DRAINAGE IMPROVEMENTS MM 88.6 TO MM 98.0

INDEX OF SHEETS

SHEET NO.	SHEET NO.	DESCRIPTION
1		TITLE SHEET
2	C-1	ESTIMATED QUANTITIES AND GENERAL NOTES
3	C-2	DRAINAGE SUMMARY
4	P-1	TYPICAL SECTIONS
5	P-2	BERM DROPOFF CORRECTIONS
6-7	P-3-4	DRAINAGE DETAILS I and II
8	P-5	MISCELLANEOUS DETAILS I
9	P-6	MISCELLANEOUS DETAILS II
10	P-7	GUARDRAIL AND CLOSED MEDIANS
11	P-8	SLIP RAMP DETAILS
12-15	T 1-4	TRAFFIC CONTROL DETAILS I-IV
16-17	T 5-6	SIGN SUMMARY
18	T 7	PAVEMENT MARKING DETAILS



CONTRACT 2023.01

APPROVED: MAINE TURNPIKE AUTHORITY



Peter A. Merfeld 01/18/23
PETER A. MERFELD, P.E. - CHIEF OPERATIONS OFFICER DATE



Stephen R. ... 1/18/23
STEPHEN R. ... P.E. - DIRECTOR OF ENGINEERING DATE



Joseph Ryan Leavitt 1/18/23
JOSEPH RYAN LEAVITT, P.E. DATE
SENIOR RESIDENT ENGINEER

ITEM NO.	DESCRIPTION	UNIT	QUANTITY	Cross over Removal	PIPE
			TOTAL		TOTAL
202.202	Removing Pavement Surface - Mainline	SY	342,000		
202.2026	Removing Pavement Surface - Drainage Paths	SF	2,500		
202.205	Rumble Strips	EA	135,000		
203.20	Common Excavation	CY	550		
203.25	Granular Borrow	CY	350		
304.10	Aggregate Subbase Course - Gravel	CY	105		
304.14	Aggregate Base Course - Type A	CY	45		
403.2081	Hot Mix Asphalt, 12.5mm (Polymer Modified)- RAP	Ton	34,000		
403.2084	Hot Mix Asphalt, 12.5mm Nominal Maximum Size(sidewalks, drives, islands & incidentals)	Ton	150		
403.211	Hot Mix Asphalt 9.5mm (shimming)	Ton	200		
409.152	Bituminous Tack Coat Trackless - Applied	GAL	22,600		
419.30	Full Depth Bituminous Sawcut	LF		1,900	
424.32	Asphalt Rubber Mastic Crack Sealant	LB	49,000		
459.061	Bituminous Concrete Waterway - Type II	EA	5		
470.08	Berm Dropoff Correction - Grindings	Ton	3,120		
470.081	Berm Correction	LF	50,000		
603.179	18 inch Culvert Pipe - Option III	LF			78
603.199	24 inch Culvert Pipe - Option III	LF			171
603.209	30 inch Culvert Pipe - Option III	LF			120
603.219	36 inch Culvert Pipe - Option III	LF			36
603.28	Concrete Collar	EA			19
604.184	Rebuild Catch Basin to Grade - Type II	EA	22		
604.186	Rebuild Catch Basin to Grade - Type IV	EA	4	1	
606.132	31" W-Beam Guardrail - Mid-Way Splice (7' Steel Posts, 8" Offset Blocks, Double Faced)	LF		2,005	
610.08	Plain Rip Rap	CY			225
610.18	Stone Ditch Protection	CY			150
613.319	Erosion Control Blanket	SY		2,000	
615.07	Loam	CY		245	
618.1401	Seeding Method Number 2, Plan Quantity	UNIT		15	
619.1201	Mulch, Plan Quantity	UNIT		15	
619.1202	Temporary Mulch	LS	1		
620.58	Erosion Control Geotextile	SY	900		
627.730	Temporary Pavement Marking Line Tape	LF	7,300		
627.780	Temporary Pavement Marking Line	LF	291,200		
627.812	Temporary Raised Pavement Markers	EA	19,410		
627.94	Pavement Marking Tape	LF	3,650		
629.05	Hand Labor, Straight Time	HR	30		
631.10	Air Compressor (including operator)	HR	10		
631.11	Air Tool (including operator)	HR	10		
631.12	All Purpose Excavator (including operator)	HR	20		
631.172	Truck - Large (including operator)	HR	40		
631.18	Chain Saw Rental (including operator)	HR	22		
631.36	Foreman	HR	20		
652.30	Flashing Arrow	EA	4		
652.35	Construction Signs	SF	4,134		
652.3611	Maintenance of Traffic Control Devices	LS	1		
652.411	Portable - Changeable Message Sign	EA	2		
652.45	Truck Mounted Attenuator	CD	175		
652.452	Automated Trailer Mounted Speed Limit Sign	EA	4		
656.50	Baked Hay, in place	EA	50		
656.632	30 inch Temporary Silt Fence	LF	400		
659.100	Mobilization	LS	1		

GENERAL 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.

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.


GUARDRAIL INSTALLATION AND MODIFICATION NOTES

- THE CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE INSTALLATION AND/OR MODIFICATION OF ANY AND ALL GUARDRAIL COMPONENTS TO BE INSTALLED UNDER THIS CONTRACT. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER IF THE CONTRACTOR DISCOVERS CONFLICTS OR IRREGULARITIES OF ANY SORT BETWEEN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THESE CONTRACT DOCUMENTS.
- THE CONTRACTOR IS REQUIRED TO HAVE AN APPROVED CRASH END TREATMENT ON ALL GUARDRAIL ENDS IN ALL WORK AREAS AT THE END OF EACH DAY. THE CONTRACTOR SHALL ENSURE THAT ENOUGH TIME EXISTS IN THE WORK DAY TO COMPLETE ALL MODIFICATIONS AND/OR INSTALLATIONS TO END TERMINALS. THE CONTRACTOR SHALL ENSURE THAT ALL PARTS AND MANPOWER ARE ON-SITE PRIOR TO UNDERTAKING ANY GUARDRAIL MODIFICATIONS.
- GUARDRAIL HEIGHT SHALL BE INSTALLED OR ADJUSTED TO 31"+ 0", -1/2" HEIGHT. GUARDRAIL HEIGHT SHALL BE MEASURED FROM THE EDGE OF PAVEMENT WHEN WITHIN 2 FEET. IF GUARDRAIL IS OFFSET FROM EDGE OF PAVEMENT GREATER THAN 2 FEET, THEN HEIGHT OF RAIL SHALL BE MEASURED AT GROUND ELEVATION ADJACENT TO EACH POST BELOW THE RAIL TO THE TOP OF GUARDRAIL AND AFTER FINAL GRADING OF SHOULDER.
- THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CUT BOLTS, DISCARDED PARTS, TRASH, PAVEMENT DEBRIS, ETC., AFTER COMPLETING GUARDRAIL MODIFICATIONS AND/OR INSTALLATIONS.
- CONNECTIONS FOR PROPOSED RAIL TO EXISTING RAIL SHALL BE INCIDENTAL TO THE INSTALLATION OF PROPOSED GUARDRAIL.


Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

		By	Date	By	Date
		Designed	JRL 01/13/23	Checked	JED 01/13/23
Drawn	BMB 01/13/23	In Charge of	SRT 01/13/23		

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

	<h2>THE GOLD STAR MEMORIAL HIGHWAY</h2>
	<p>MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.</p>

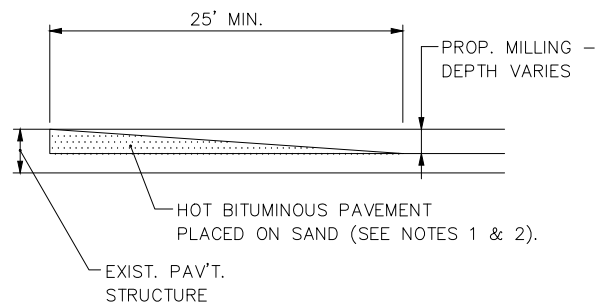
<p>PAVEMENT REHABILITATION</p> <p>ESTIMATED QUANTITIES AND GENERAL NOTES</p>
<p>SHEET NUMBER: C-1</p>
<p>CONTRACT: 2023.01</p>
<p>2 of 18</p>

LOCATION	ITEM NAME	RDWY	Concrete Collar	Bituminous Waterway Type II	12" HDPE PIPE - CLASS III	18" HDPE PIPE - CLASS III	24" HDPE PIPE - CLASS III	30" HDPE PIPE - CLASS III	36" HDPE PIPE - CLASS III	REBUILD CATCH BASIN TO GRADE - TYPE II	REBUILD CATCH BASIN TO GRADE - TYPE IV	EROSION CONTROL BLANKET	BALED HAY IN PLACE	30 inch TEMP. SILT FENCE	CATCH BASIN OUTLETS ON RDWY SLOPE	REMARKS	
	ITEM NO.		603.28	459.061	603.159	603.179	603.199	603.209	603.219	604.184	604.186	613.319	656.50	656.632			
	UNIT			EA	LF	LF	LF	LF	LF	EA	EA	EA	EA	EA	EA		
	STATION				SB	NB	SB	NB	SB	NB	SB	NB	45' LT	9' LT	9' RT	45' RT	
	3668+65	NB/SB	2					17	17								
	3669+49	NB	1					16									
	3671+66	NB/SB	2					16	16								
	4471+00	SB		1										1			
	4479+00	SB		1										1			
	4487+00	SB		1										1			
	4495+00	SB		1										1			
	4540+32	NB/SB								1	1	1	1			20	NB
	4591+00	NB/SB								1	1	1	1			20	SB
	4651+67	NB/SB								1	1	1	1			20	SB
	4739+00	NB		1										1		20	NB
	4786+40	NB/SB											1	1		20	SB
	4801+70	NB/SB	2				16	16									
	4805+86	NB/SB											1	1		20	SB
	4866+15	NB/SB	2			18	18										
	4896+09	NB/SB											1	1		20	SB
	4939+26	NB/SB											1	1		20	NB
	4915+00	NB/SB	2						15	15							RCP connects into Concrete Headwall
	4945+00	SB	1			15											
	4963+50	NB/SB	2					16	16								
	4975+49	NB/SB	2						17	17							
	4975+62	NB/SB											1	1			NB/SB
	4996+68	NB/SB	2					16	16								
	5009+40	NB	1				15										
	TOTALS		19	5	0	66	144	68	30	22	5			160			

NOTES:

- 1. SEE APPENDIX B FOR EXISTING 36" HEADWALL DETAIL

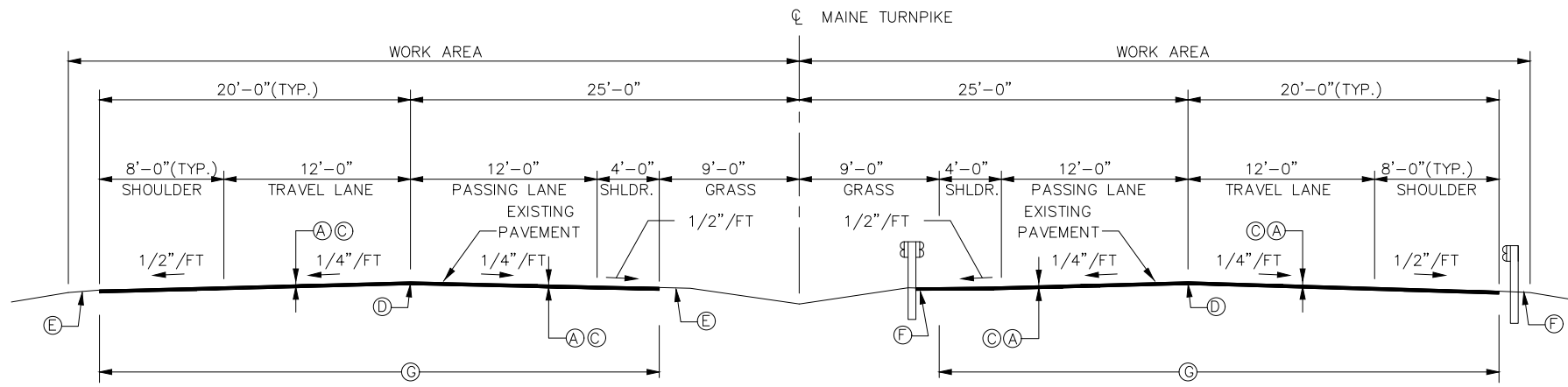
Scale: NOT TO SCALE <table border="1" style="width: 100%;"> <tr> <th>No.</th> <th>Revision</th> <th>By</th> <th>Date</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>	No.	Revision	By	Date									Designed by: <div style="text-align: center;"> MAINE TURNPIKE </div> MAINE TURNPIKE AUTHORITY 2360 Congress Street Portland, ME 04102 TEL (207) 871-7771 FAX (207) 879-5567	<div style="text-align: center;"> THE GOLD STAR MEMORIAL HIGHWAY </div> MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.	PAVEMENT REHABILITATION DRAINAGE SUMMARY SHEET NUMBER: C-2
No.	Revision	By	Date												
<table border="1" style="width: 100%;"> <tr> <td>Designed</td> <td>JRL</td> <td>01/13/23</td> <td>Checked</td> <td>JED</td> <td>01/13/23</td> </tr> <tr> <td>Drawn</td> <td>BMB</td> <td>01/13/23</td> <td>In Charge of</td> <td>SRT</td> <td>01/13/23</td> </tr> </table>		Designed	JRL	01/13/23	Checked	JED	01/13/23	Drawn	BMB	01/13/23	In Charge of	SRT	01/13/23	CONTRACT: 2023.01 3 of 18	
Designed	JRL	01/13/23	Checked	JED	01/13/23										
Drawn	BMB	01/13/23	In Charge of	SRT	01/13/23										



TEMPORARY BITUMINOUS RAMP
N.T.S.

NOTES:

- HOT MIX ASPHALT FOR TEMPORARY RAMPS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCIDENTAL TO HOT MIX ASPHALT 12.5 MM.
- REMOVAL OF TEMP. BITUMINOUS RAMPS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCIDENTAL TO HOT MIX ASPHALT 12.5 MM.



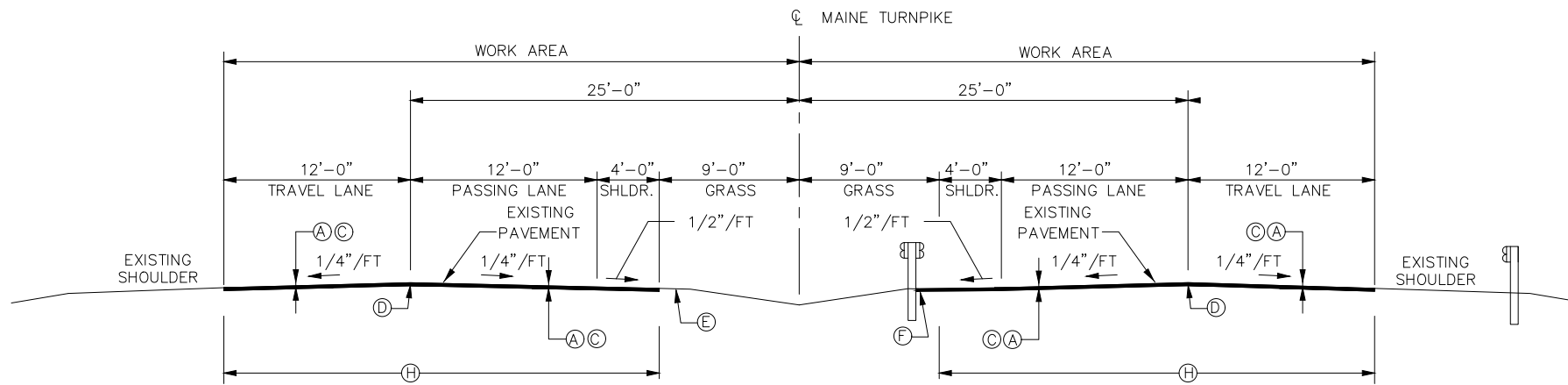
PAVEMENT MILL & FILL
MM 88.6 - 92.8
N.T.S.

MILLING AND PAVEMENT LEGEND

- (A) = 1 3/4" HOT MIX ASPHALT, 12.5mm NOMINAL MAXIMUM SIZE
- (B) = MILLING DEPTH ASSUMED TO BE 1 5/8"
- (C) = MILLING DEPTH VARIES AS CONTROLLED BY CROSS SLOPE AND RUT DEPTHS
- (D) = NOTCHED WEDGE JOINT
- (E) = BERM DROPOFF CORRECTION - GRINDINGS (SEE DETAIL A, SHEET P-2)
- (F) = BERM DROPOFF CORRECTION - GRINDINGS (SEE DETAIL B, SHEET P-2)
- (G) = LIMIT OF MILL AND FILL(36')
- (H) = LIMIT OF MILL AND FILL(28'-4")

NOTES:

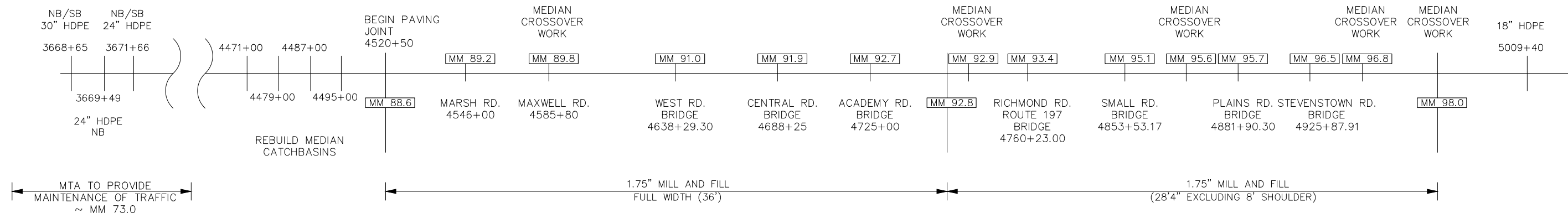
- A COATING OF HOT RUBBERIZED ASPHALT SS-S-140IC SHALL BE APPLIED TO ALL TRANSVERSE BUTT JOINTS AND LONGITUDINAL VERTICAL JOINTS.
- BITUMINOUS TACK COAT IS REQUIRED BETWEEN EXISTING PAVEMENT AND HMA, 12.5 MM, OR SHIM; AND BETWEEN SHIM AND HMA, 12.5 MM.
- SHOULDER MILLING SHALL BE KEPT EVEN WITH THE LANE MILLING ON A PER SHIFT BASIS.
- THE NOTCH WEDGE SHALL BE DOUBLE TACKED.
- LANE 2 AND THE EIGHT FOOT SHOULDER SHALL BE PULLED AS ONE (PAVING).
- A MILLED SAFETY WEDGE IS REQUIRED.



PAVEMENT MILL & FILL
MM 92.8 - 98.0
N.T.S.

PORTLAND
← S

AUGUSTA
→ N



ONE LINE DIAGRAM
N.T.S.

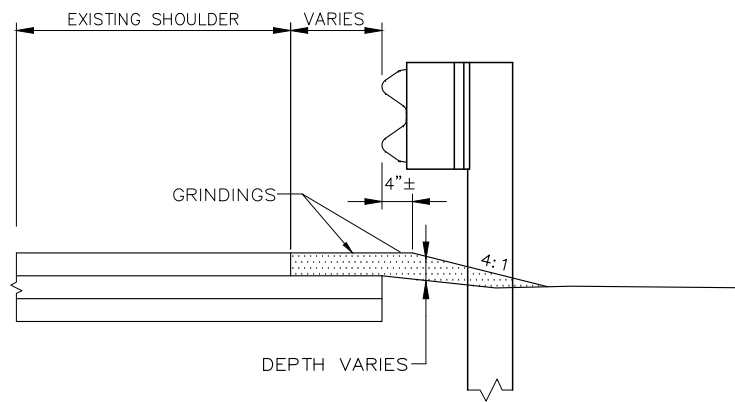
NOTE:

- REFERENCE PLAN SHEET FOR DRAINAGE WITHIN PAVING LIMITS

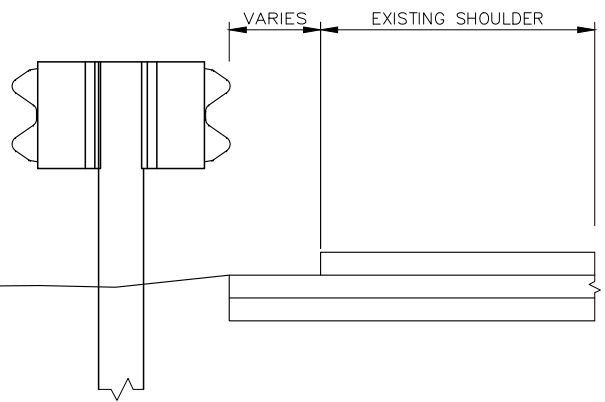
Scale: NOT TO SCALE		Designed by: 		MAINE TURNPIKE AUTHORITY 2360 Congress Street Portland, ME 04102 TEL (207) 871-7771 FAX (207) 879-5567				THE GOLD STAR MEMORIAL HIGHWAY		PAVEMENT REHABILITATION TYPICAL SECTION	
No.	Revision	By	Date	By	Date	By	Date	MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.		SHEET NUMBER: P-1	
		Designed	JRL 01/13/23	Checked	JED 01/13/23	Drawn	BMB 01/13/23	CONTRACT: 2023.01		4 of 18	

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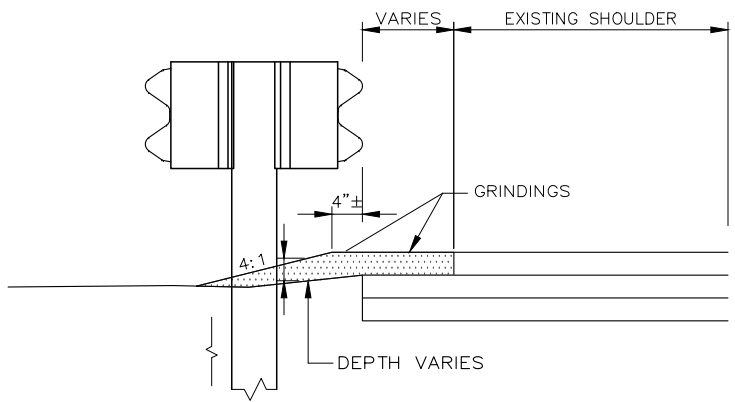
- NOTES:**
1. BERM CORRECTION LIMITS TO BE DETERMINED IN THE FIELD BY THE RESIDENT.
 2. AREAS OF BERM DROP OFF CORRECTION REQUIRING 3" OR MORE SHALL BE PLACED PRIOR TO SHIFTING TRAFFIC ONTO ADJACENT SHOULDER.
 3. BERM DROP OFF SHALL BE PLACED AT ALL LOCATIONS AS NEEDED UNLESS OTHERWISE DIRECTED BY THE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



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

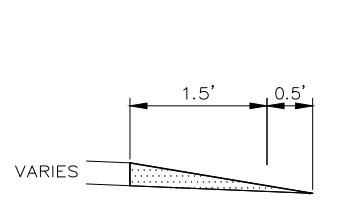


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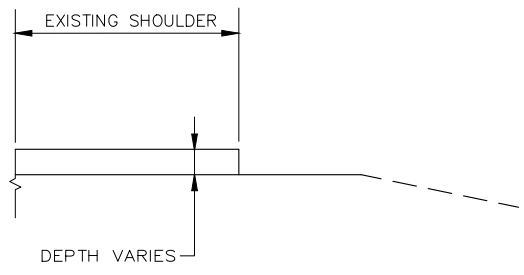


PROPOSED SECTION

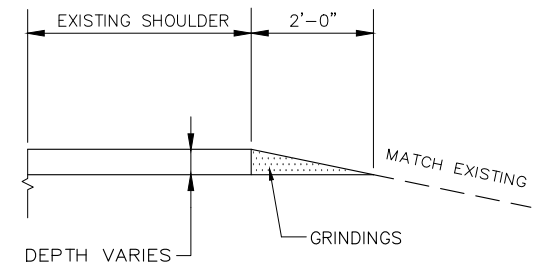
**DETAIL B
BERM DROPOFF CORRECTION WITH GUARDRAIL
MEDIAN GUARDRAIL**
N.T.S.



**DETAIL A
(WITHOUT GUARDRAIL)**

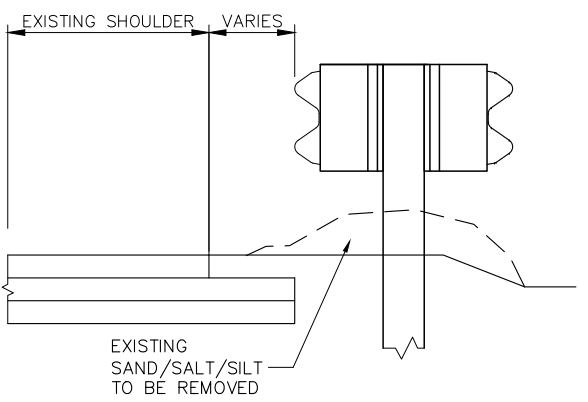


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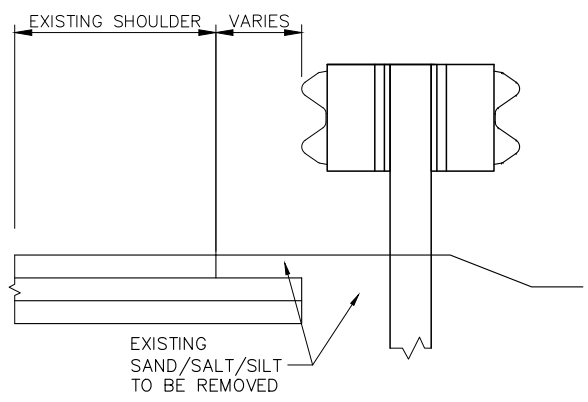


PROPOSED SECTION

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



EXISTING SECTION



PROPOSED SECTION

**DETAIL C
BERM CORRECTION - MEDIAN**
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.
 2. ALL MATERIAL UNDER GUARDRAIL THAT WILL PREVENT SHEET FLOW FROM PROPOSED SHOULDER TO MEDIAN SHALL BE REMOVED. THIS IS INCLUDED AS PART OF THE BERM CORRECTION ITEM # 470.081. IF SAW CUTTING IS REQUIRED TO FACILITATE THE REMOVAL OF PAVEMENT TO ACHIEVE SHEET FLOW, THE SAW CUTTING WILL BE PAID FOR UNDER ITEM 419.30.


Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

	By	Date		By	Date
	JRL	01/13/23	Checked	JED	01/13/23
	BMB	01/13/23	In Charge of	SRT	01/13/23

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



**THE GOLD STAR
MEMORIAL HIGHWAY**

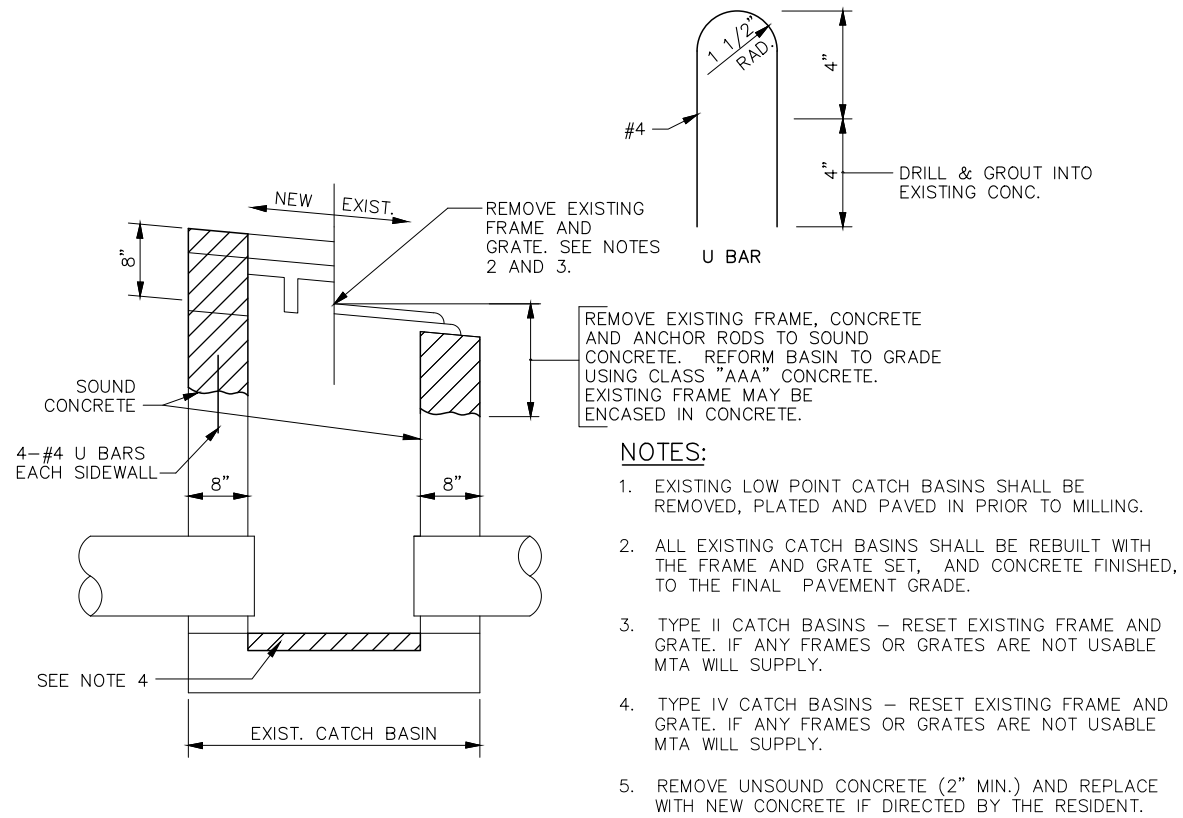
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION
BERM DROPOFF CORRECTION DETAILS

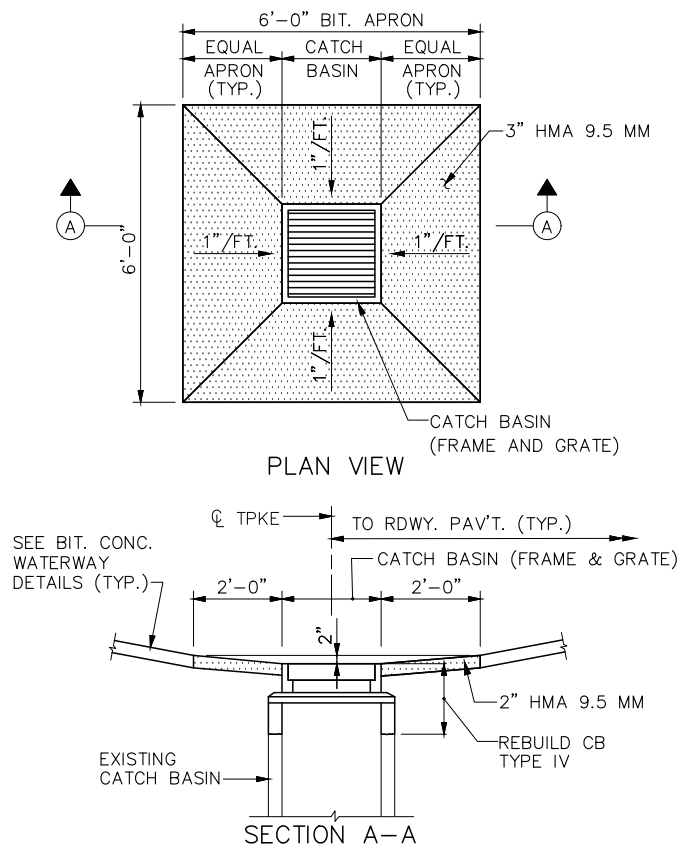
SHEET NUMBER: P-2

CONTRACT: 2023.01

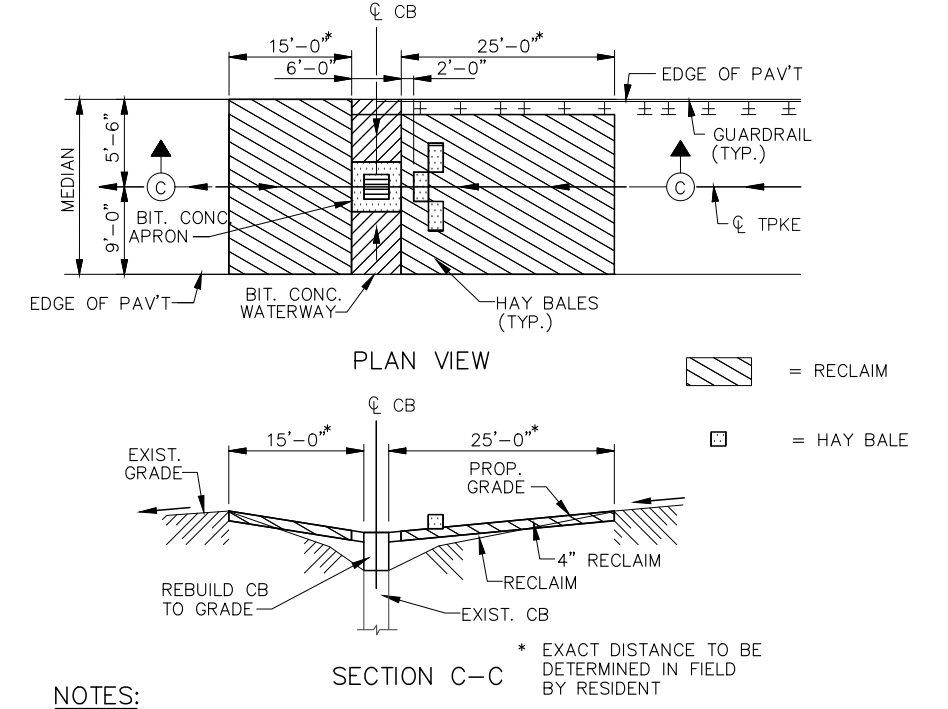
5 of 18



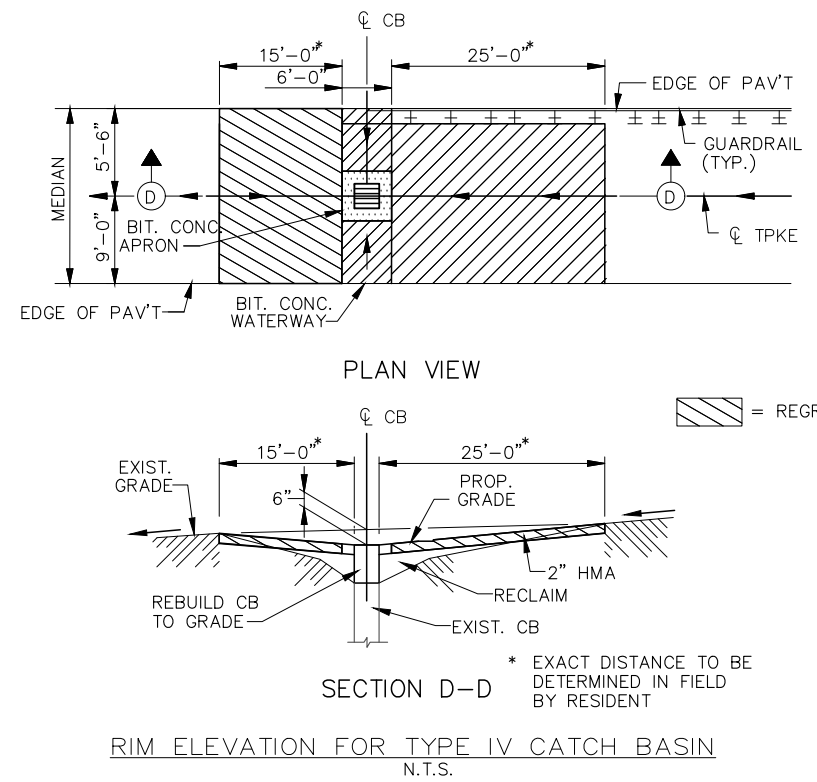
REBUILD CATCH BASIN TO GRADE - TYPE II
N.T.S.



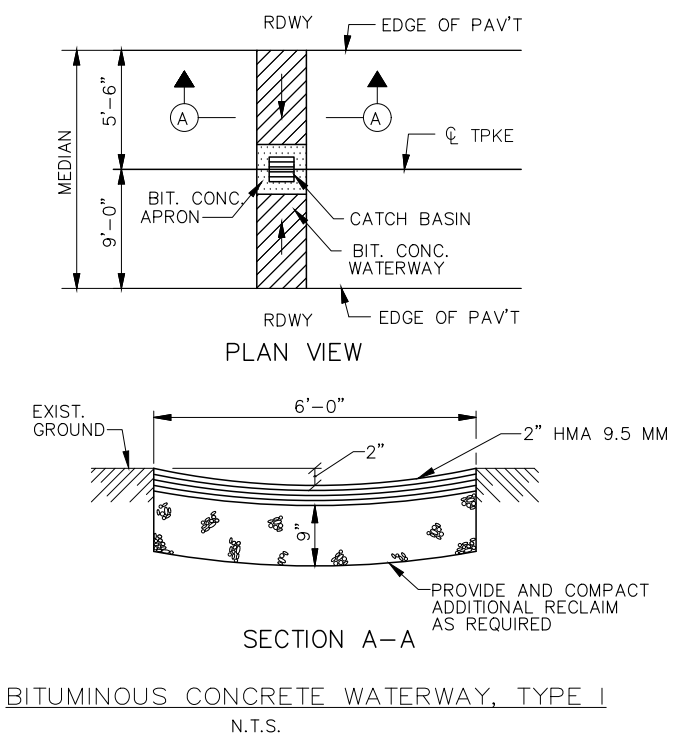
REBUILD CATCH BASIN IN MEDIAN
N.T.S.



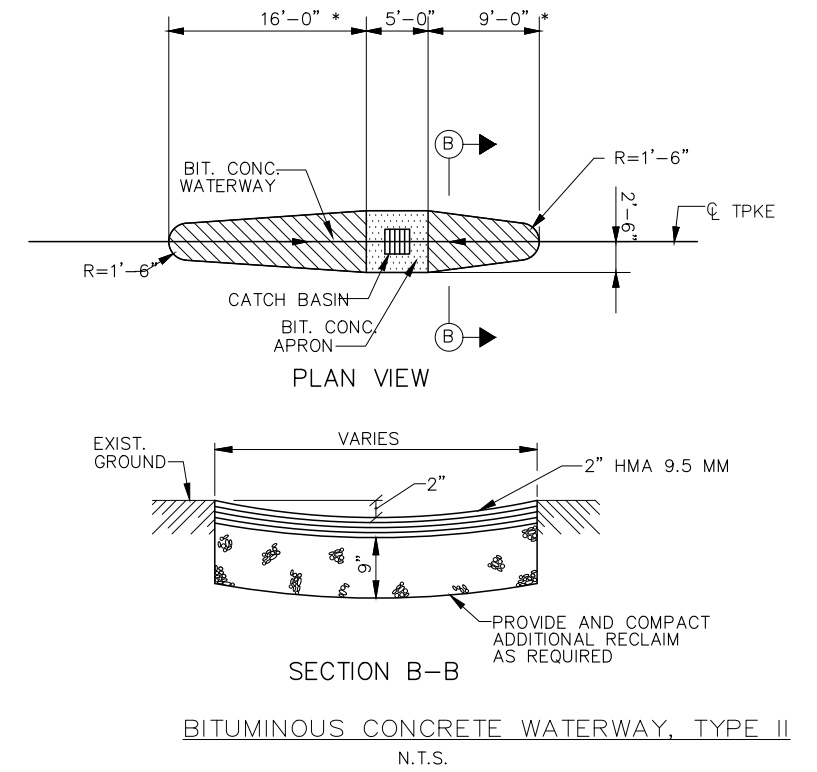
PROPOSED EROSION CONTROL AT MEDIAN
N.T.S.



RIM ELEVATION FOR TYPE IV CATCH BASIN
N.T.S.



BITUMINOUS CONCRETE WATERWAY, TYPE I
N.T.S.



BITUMINOUS CONCRETE WATERWAY, TYPE II
N.T.S.

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 I	
No.	Revision	By	Date	By	Date	By	Date	SHEET NUMBER: P-3			
		JRL	01/13/23	JED	01/13/23	CONTRACT: 2023.01					
		BMB	01/13/23	SRT	01/13/23	MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.					
						94\Construction\2023 Construction Project Files\2023.01 Paving MA 88-95.0\Project Development\GSA\CAD Print Date: 1/13/2023					

DIMENSIONS FOR SLOPE OF 2:1

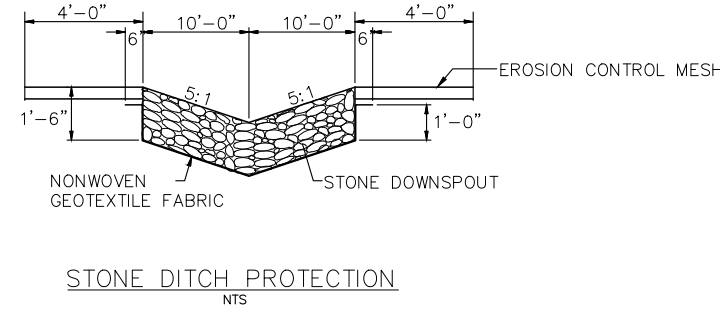
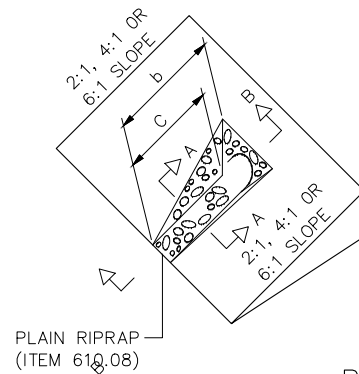
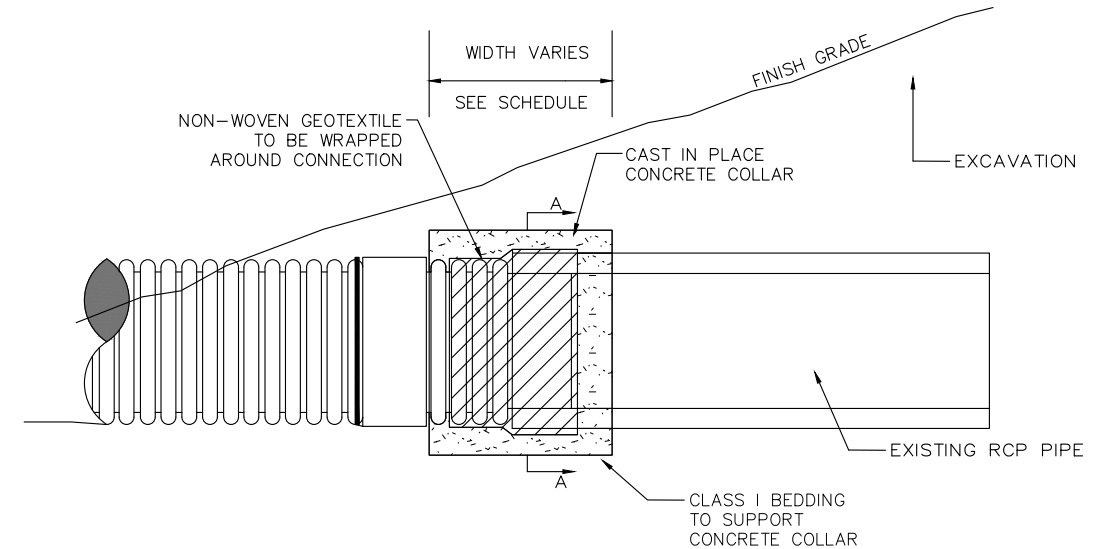
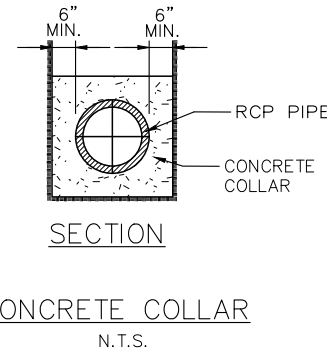
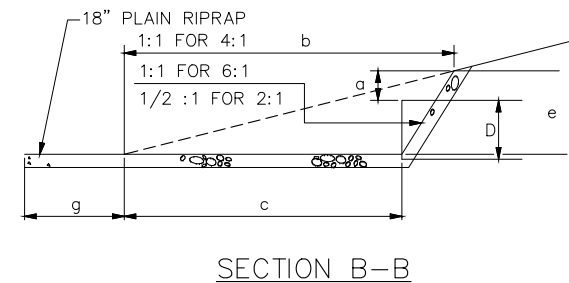
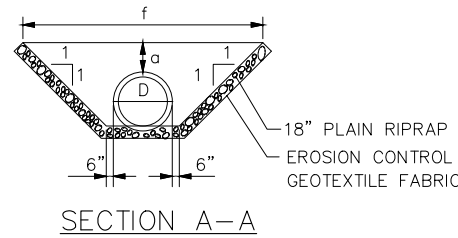
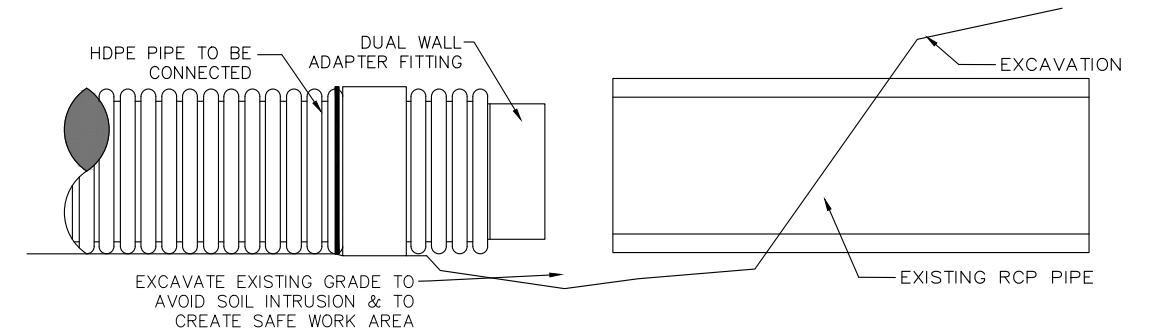
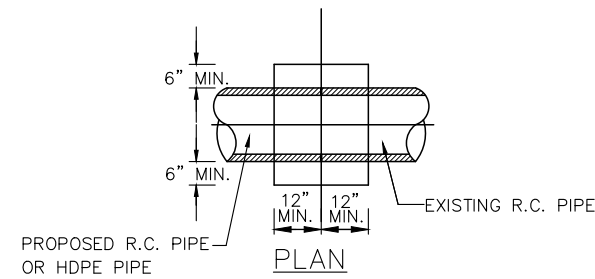
D	A (FT)	B (FT)	C (FT)	E (FT)	F (FT)	G (FT)	STONE DEPTH (FT)	STONE (CY)
12"	1.00	4.00	3.00	2.00	6.00	1.00	1.50	1.30
15"	1.00	4.50	3.37	2.25	6.75	1.63	1.50	1.70
18"	1.00	5.00	3.75	2.50	7.50	2.25	1.50	2.09
24"	1.00	6.00	4.50	3.00	9.00	3.50	1.50	3.12
30"	1.00	7.00	5.25	3.50	10.50	4.75	1.50	4.33

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



1 LF OF DOWNSPOUT = 1.11 CY OF STONE DITCH PROTECTION
 1 LF OF DOWNSPOUT = 2.33 SY OF EROSION CONTROL GEOTEXTILE FABRIC

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

NOTES:

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

NOTES:

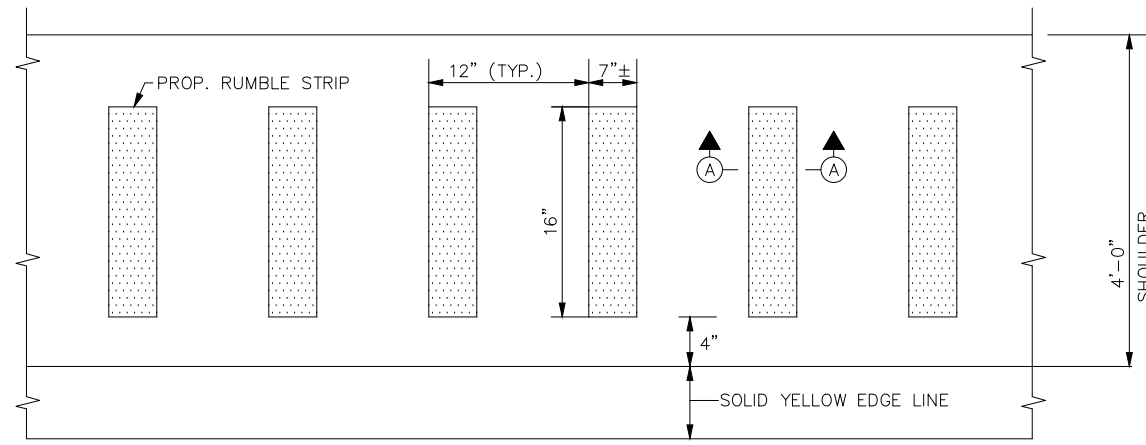
- STONE FOR STONE DOWNSPOUTS SHALL MEET THE REQUIREMENTS OF MAINEDOT SPECIFICATION 703.29 AND WILL BE PAID FOR UNDER ITEM 610.18 STONE DITCH PROTECTION.
- REMOVAL OF 12" SLOPE DRAIN PIPE IS INCIDENTAL TO CONSTRUCTION OF DOWNSPOUT
- SEE APPENDIX FOR LOCATIONS AT MM 73.0

NOTES:

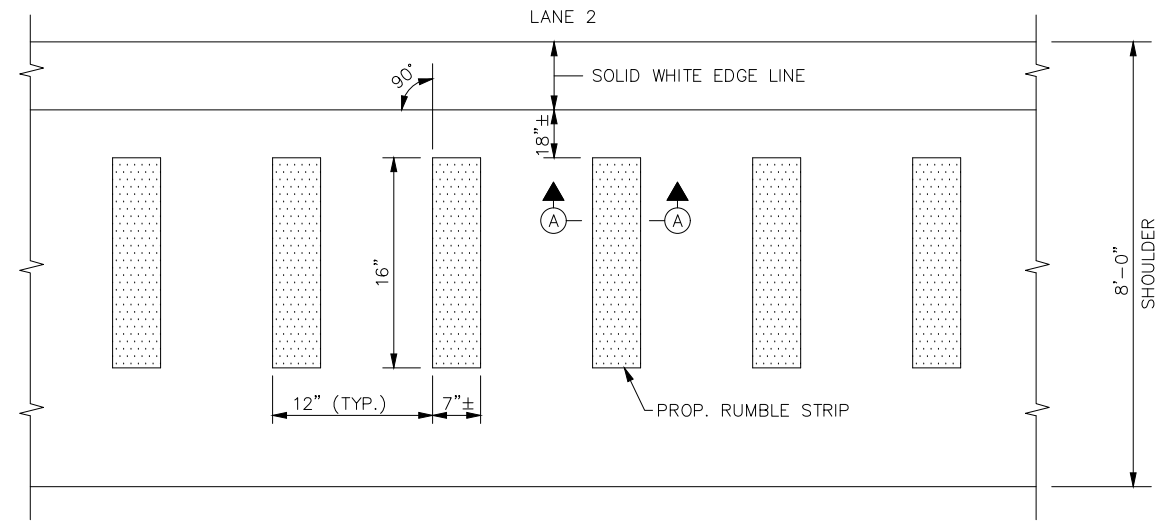
- CONNECTION AND PIPE TO BE BACKFILLED PER ASTM D2321 (CRUSHED STONE).
- CONCRETE SHALL BE CLASS A FIBER REINFORCED.
- SEE CONCRETE COLLAR WIDTH SCHEDULE FOR DIMENSIONS.
- CONCRETE COLLAR SHALL BE FORMED IN PLACE.

Scale: <p style="text-align: center; font-size: 1.2em;">NOT TO SCALE</p>	Designed by: <div style="text-align: center;"> MAINE TURNPIKE AUTHORITY 2360 Congress Street Portland, ME 04102 TEL (207) 871-7771 FAX (207) 879-5567 </div>	<div style="text-align: center;"> THE GOLD STAR MEMORIAL HIGHWAY </div>	PAVEMENT REHABILITATION DRAINAGE DETAILS II SHEET NUMBER: P-4																												
<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>01/13/23</td> <td>Checked JED</td> <td>01/13/23</td> </tr> <tr> <td>Drawn BMB</td> <td>01/13/23</td> <td>In Charge of SRT</td> <td>01/13/23</td> </tr> </tbody> </table>	By	Date	By	Date	Designed JRL	01/13/23	Checked JED	01/13/23	Drawn BMB	01/13/23	In Charge of SRT	01/13/23	MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.	CONTRACT: 2023.01 7 of 18
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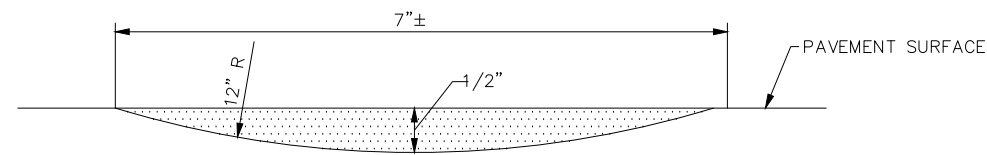
K:\Construction\2023 Construction Project Files\2023.01 Paving MM 66.0-68.0 Project Development (60A)CAD Print Date: 1/13/2023



LANE 1
PLAN VIEW - LANE 1
 N.T.S.



LANE 2
PLAN VIEW - LANE 2
 N.T.S.

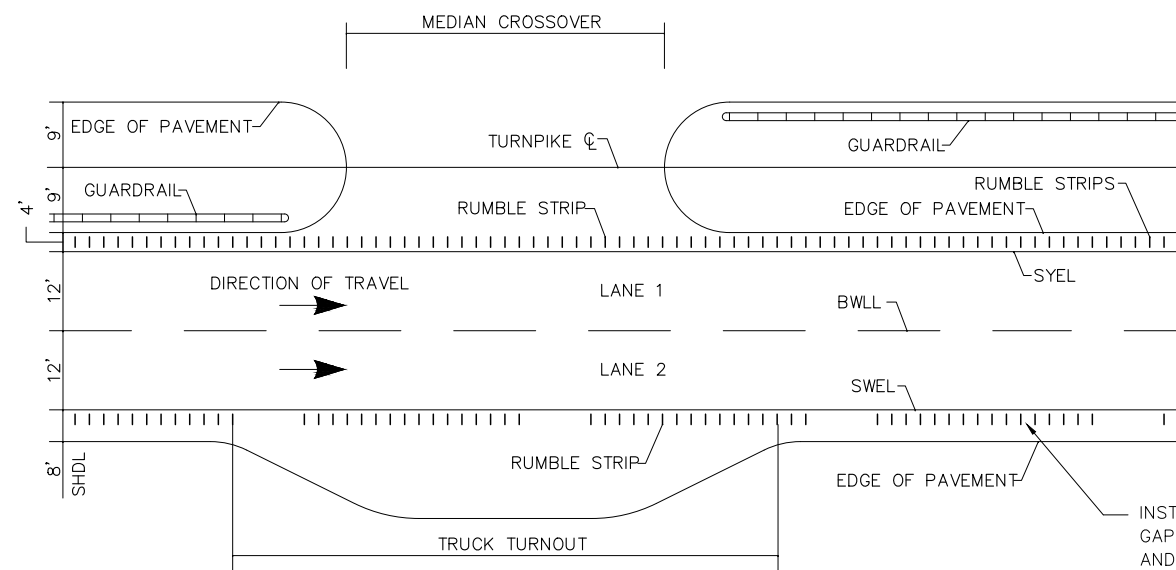


SECTION A-A
 N.T.S.

RUMBLE STRIPS DETAILS
 N.T.S.

RUMBLE STRIPS:

MM 88.6 - MM 92.8 BOTH SIDES
 MM 92.8 - MM 98.0 MEDIAN SHOULDERS



LOCATION OF RUMBLE STRIPS
 CROSSOVERS & TRUCK TURNOUTS
 N.T.S.

INSTALL LANE 2 RUMBLE STRIPS WITH A 20' GAP EVERY 100'. (I.E. 80' OF RUMBLE STRIP AND 20' OF NO RUMBLE STRIP; REPEAT...)

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

MISCELLANEOUS DETAILS 1

No.	Revision	By	Date
1	Addendum	JRL	3/15/18

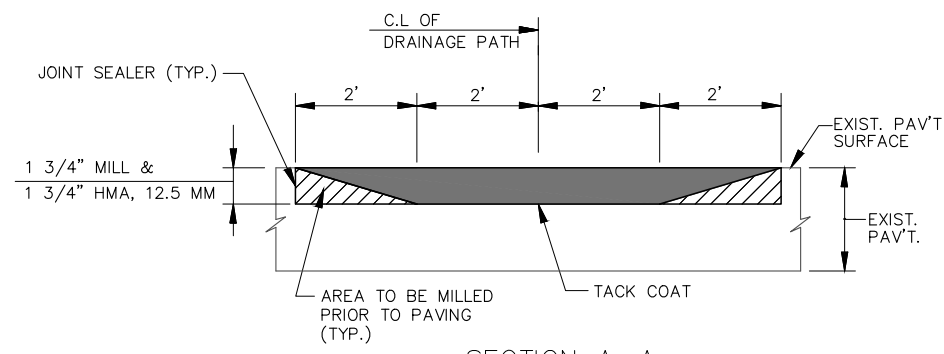
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Designed	JRL	01/13/23	Checked	JED	01/13/23
Drawn	BMB	01/13/23	In Charge of	SRT	01/13/23

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

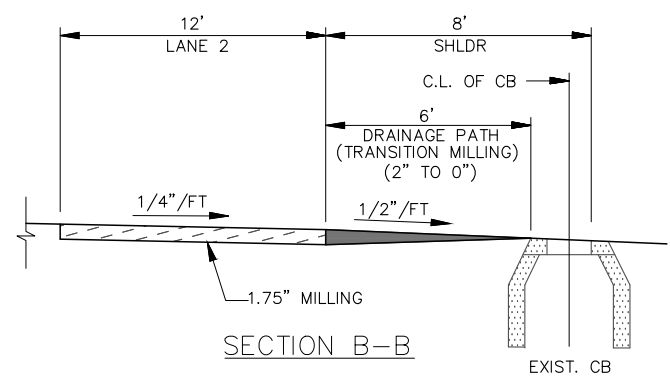
CONTRACT: 2023.01

SHEET NUMBER: P-5

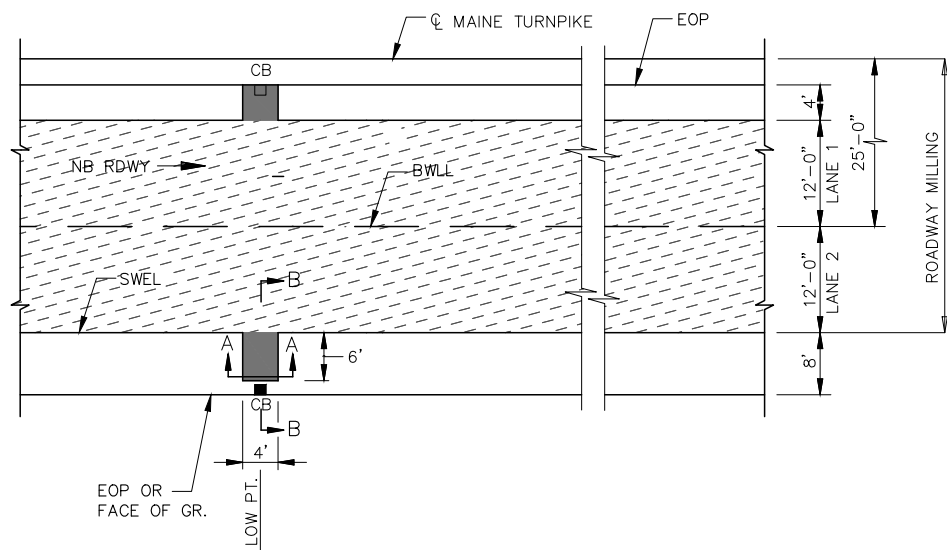
8 of 18



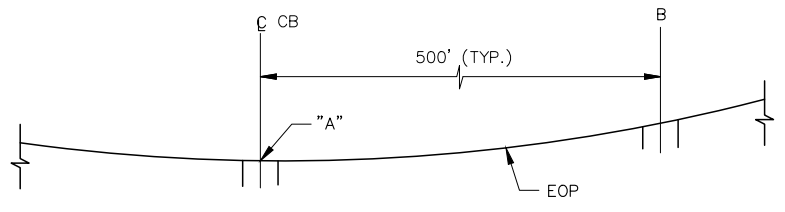
SECTION A-A



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:			
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No.	Revision	By	Date

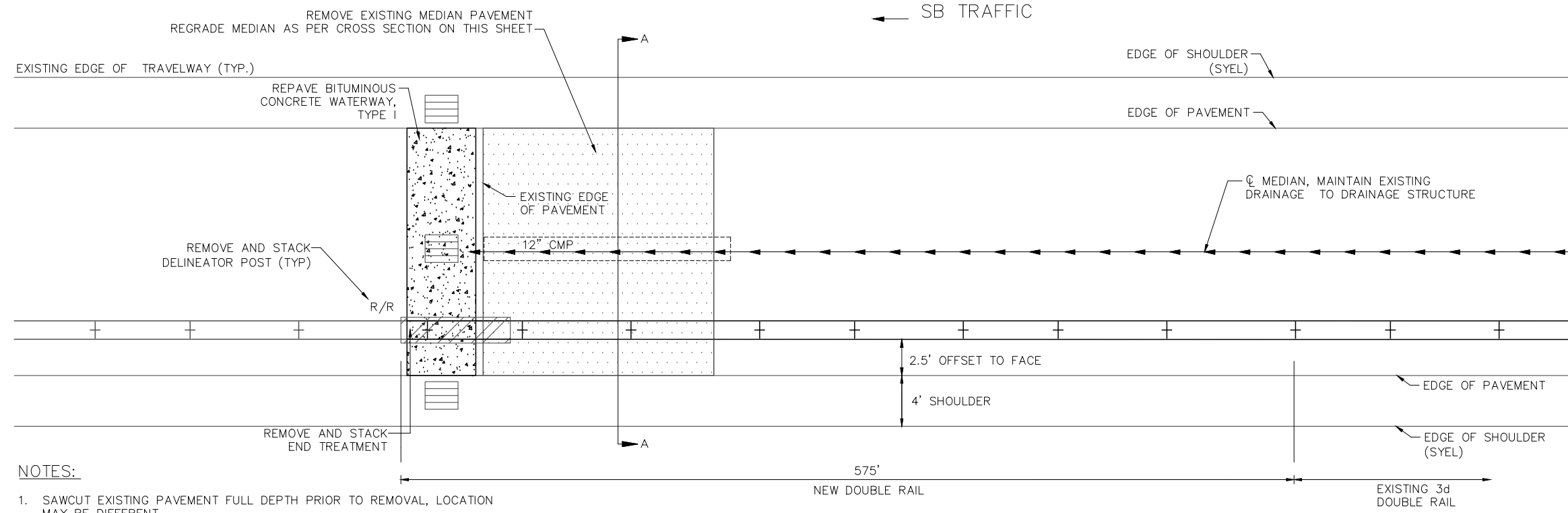
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	By	Date		By	Date
	Designed	JRL 01/13/23		Checked	JED 01/13/23
	Drawn	BMB 01/13/23		In Charge of	SRT 01/13/23

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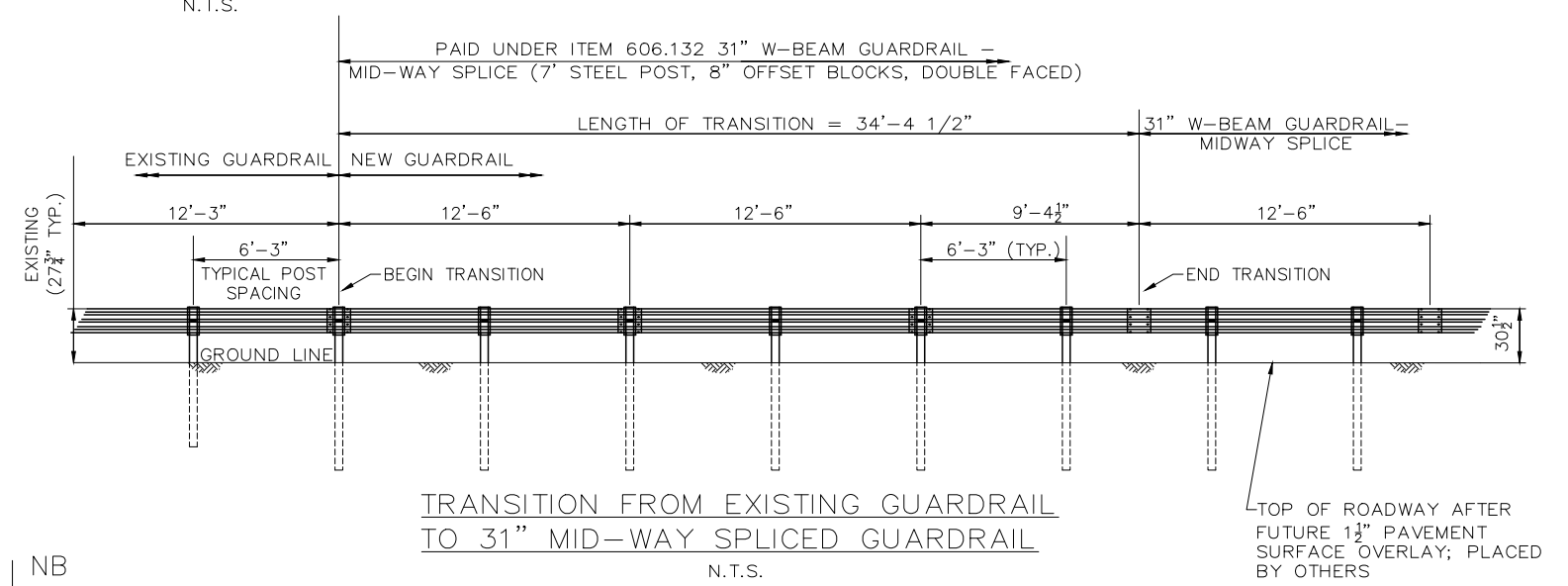
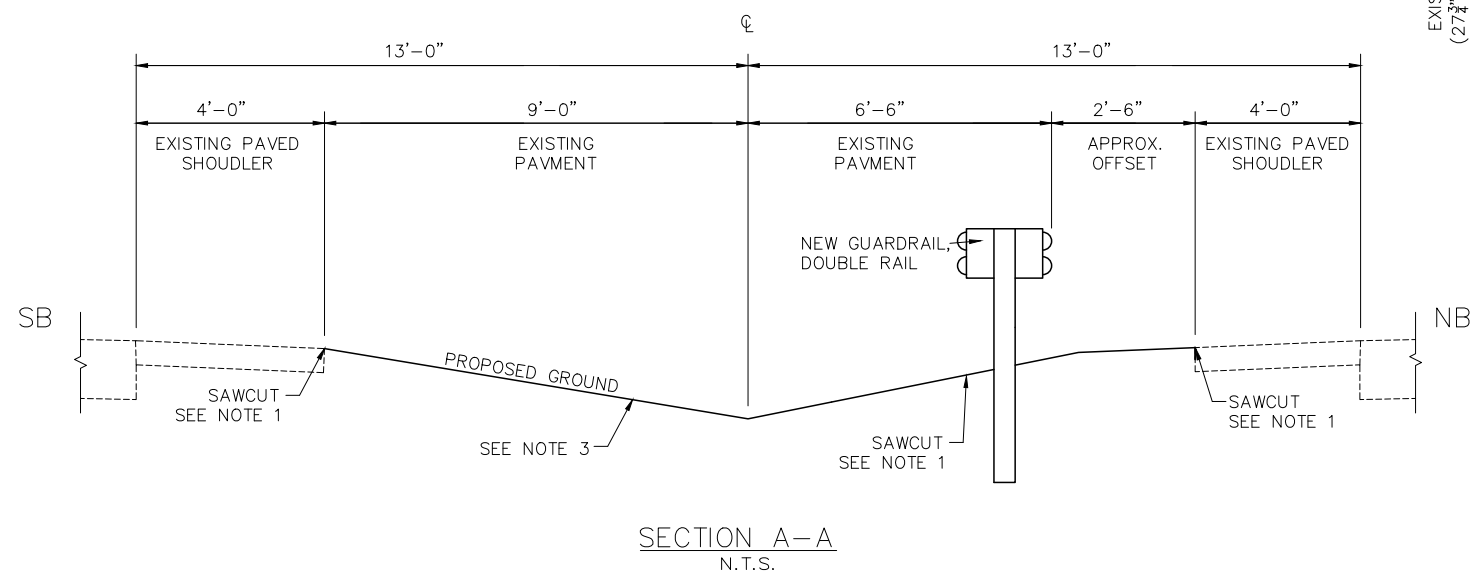
PAVEMENT REHABILITATION
MISCELLANEOUS DETAILS II
SHEET NUMBER: P-6
CONTRACT: 2023.01
9 of 18



- CLOSED EXISTING MEDIAN CROSSOVERS**
- MM 89.8 REMOVE AND DISPOSE OF APPROXIMATELY 750' OF EXISTING RAIL. INSTALL 750' NEW, 31" MID-SPLICE
 - MM 92.9 REMOVE APPROXIMATELY 215' OF EXISTING PAVEMENT. NO GUARDRAIL WORK.
 - MM 95.6 REMOVE APPROXIMATELY 60' OF EXISTING PAVEMENT. REMOVE AND DISPOSE OF APPROXIMATELY 575' OF EXISTING GUARDRAIL. INSTALL 575' NEW, 31" MID SPLICE.
 - MM 96.8 REMOVE APPROXIMATELY 220' OF EXISTING PAVEMENT. NO GUARDRAIL WORK.
 - MM 98.0 REMOVE APPROXIMATELY 100' OF EXISTING PAVEMENT. REMOVE AND DISPOSE OF APPROXIMATELY 575' OF EXISTING GUARDRAIL. INSTALL 575' NEW, 31" MID SPLICE.

- NOTES:**
1. SAWCUT EXISTING PAVEMENT FULL DEPTH PRIOR TO REMOVAL, LOCATION MAY BE DIFFERENT.
 2. MAINTAIN POSITIVE DRAINAGE TO EXISTING CATCHBASINS IF THEY EXIST.
 3. PLACE LOAM, SEED AND EROSION CONTROL BLANKET IN THE MEDIAN.

REMOVE EXISTING PAVED MEDIAN OPENINGS
MM 92.9, 95.6, 96.8 AND 98.0



- TRANSITION FROM EXISTING GUARDRAIL NOTES:**
1. MAINTAIN STANDARD 1" CLEARANCE OF POST ABOVE PANEL THROUGHOUT THE ENTIRE LENGTH OF TRANSITION.
 2. A MINIMUM OF ONE (1) 12'6" PANEL SHALL BE PLACED BETWEEN THIS TRANSITION AND THE START OF ANY END TREATMENT OR ANCHORAGE.
 3. ALL NEW POSTS SHALL BE 84" IN LENGTH UNLESS OTHERWISE SPECIFIED BY THE ENGINEER.


Scale:

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THE GOLD STAR MEMORIAL HIGHWAY

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

PAVEMENT REHABILITATION
CLEARZONE IMPROVEMENTS

GUARDRAIL AND CLOSED MEDIANS

SHEET NUMBER: P-7

CONTRACT: 2023.01

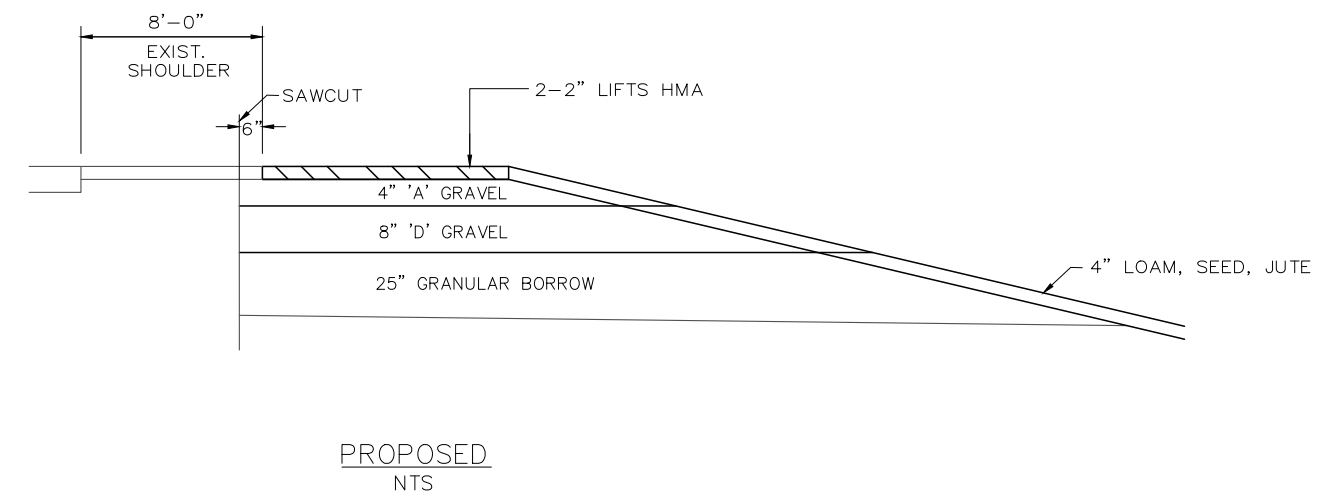
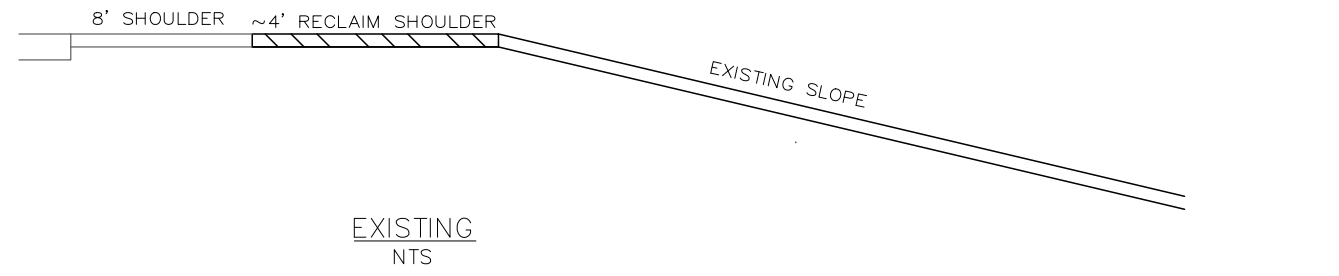
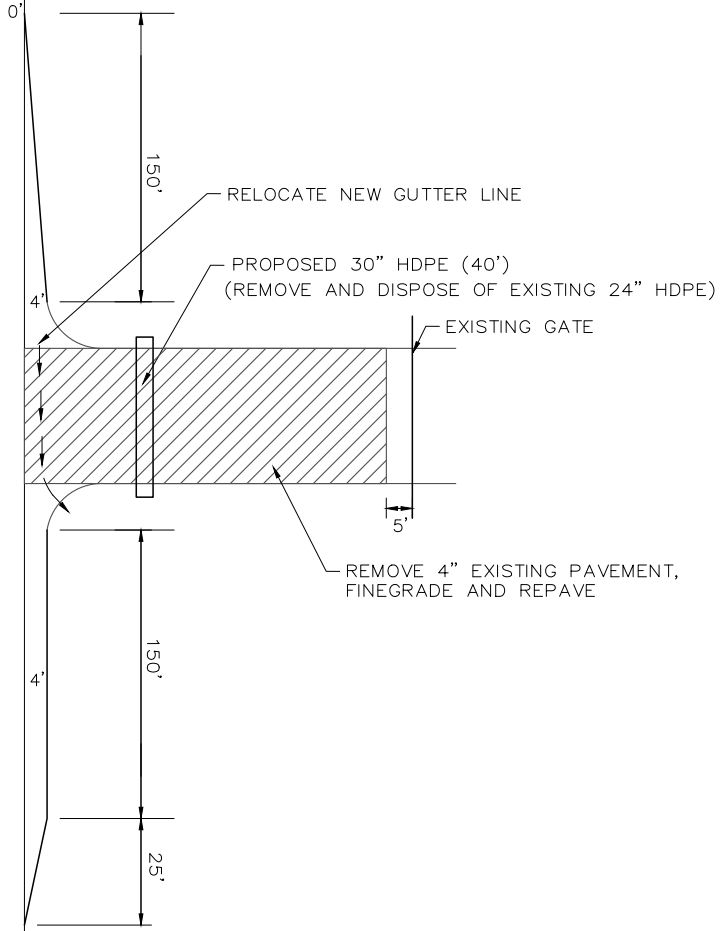
10 of 18

SB

4' 12' 12' 8'

SB MM 92.8 SLIP RAMP NOTES:

- EXCAVATION NECESSARY TO MAINTAIN DRAINAGE WAYS OUTSIDE THE LIMITS SHALL BE PAID FOR UNDER ITEM 631.12 ALL PURPOSE EXCAVATOR AS APPROVED BY THE RESIDENT. EXCAVATED MATERIAL MAY BE USED TO GRADE ANY PROPOSED SLOPE AREA OUTSIDE OF 1:1 SLOPE LIMIT AS APPROVED BY THE RESIDENT OR USED TO FLATTEN SLOPES OUTSIDE THE WORK AREA AS APPROVED BY THE RESIDENT. PLACEMENT AND COMPACTION OF THIS EXCAVATED MATERIAL WILL NOT BE MEASURED SEPARATELY FOR PAYMENT.




SB MM 92.8 SLIP RAMP
N.T.S.


NOTES:

- ADD PAVED SHOULDER NORTH AND SOUTH OF SB 92.8 SLIP RAMP AS PER PLAN.
- REFERENCE SECTIONS FOR MATERIALS ON THIS SHEET.
- SAWCUT ALONG EXISTING 8' SHOULDER.

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No.	Revision	By	Date

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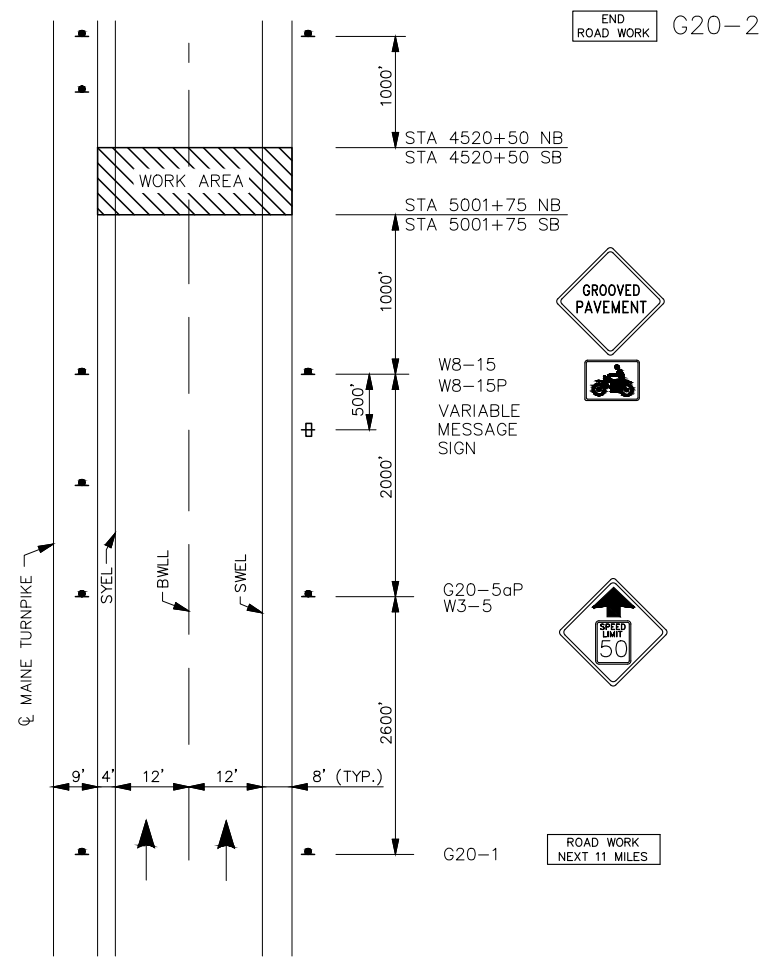
PAVEMENT REHABILITATION
CLEAR ZONE IMPROVEMENTS

SLIP RAMP DETAIL

SHEET NUMBER: P-8

CONTRACT: 2023.01

11 of 18



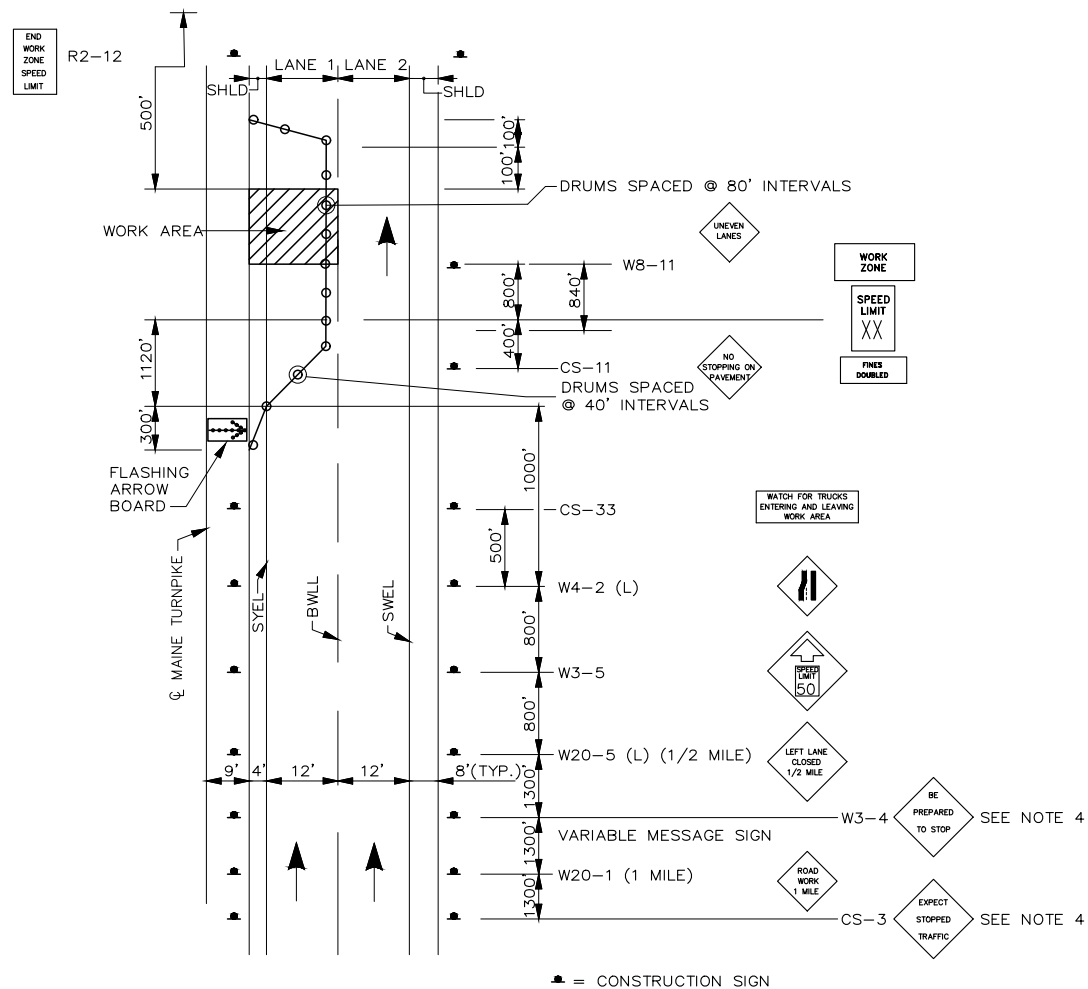
MAINLINE PAVING
ADVANCED PROJECT SIGNING – SOUTHBOUND
NORTHBOUND SIMILAR

NOTES:

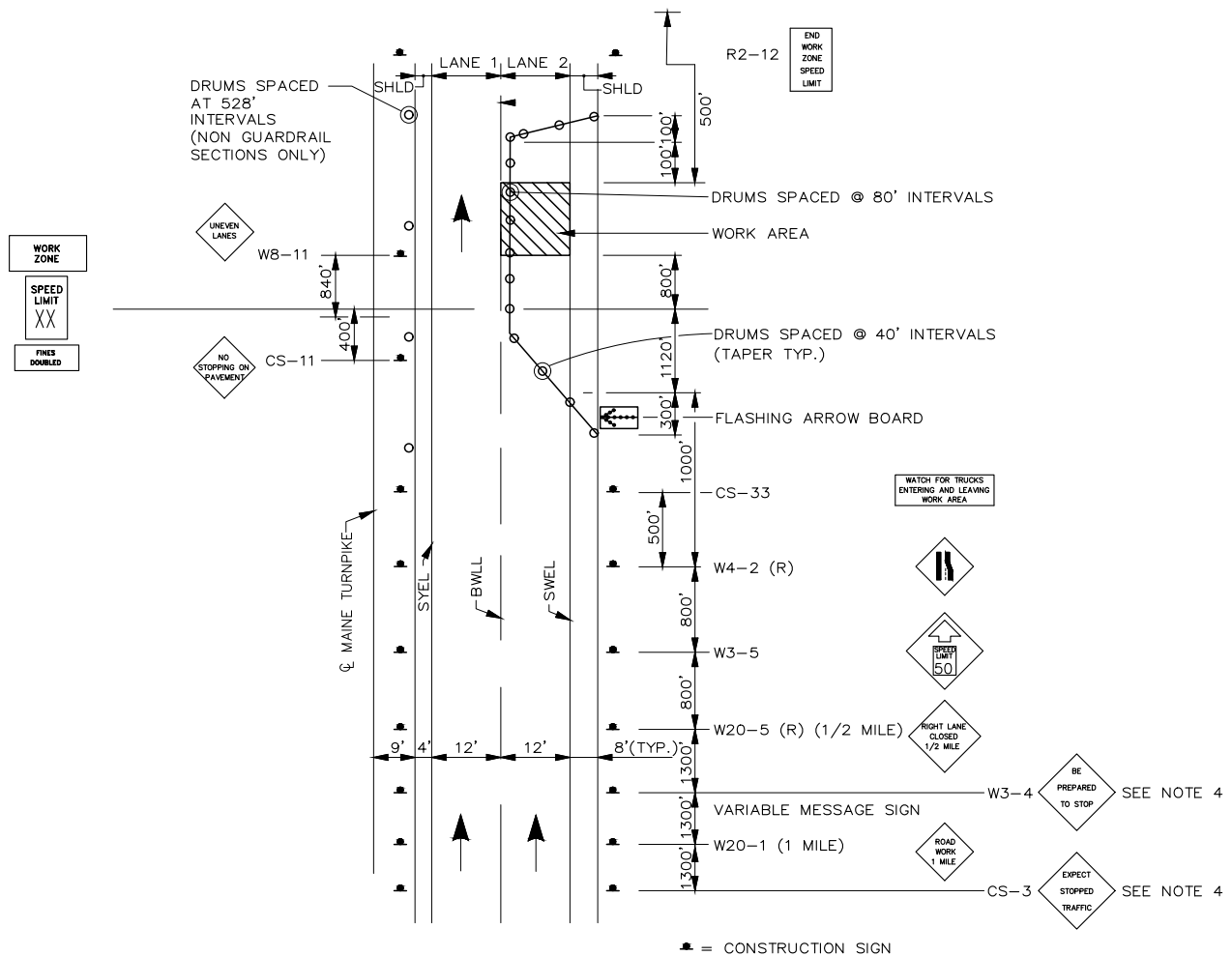
1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
2. UNCOVER W8-15 AND W8-15P SIGNS WHEN PAVEMENT IS MILLED OR AS DIRECTED BY THE RESIDENT.
3. PROVIDE W8-15 AND W8-15P AT ALL MILLED LOCATIONS.

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Drawn	BMB 01/13/23	In Charge of	SRT 01/13/23																																
						SHEET NUMBER: T-1																													
						12 of 18																													

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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

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	By	Date		By	Date
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MAINE TURNPIKE AUTHORITY
2360 Congress Street
Portland, ME 04102
TEL (207) 871-7771
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THE GOLD STAR MEMORIAL HIGHWAY

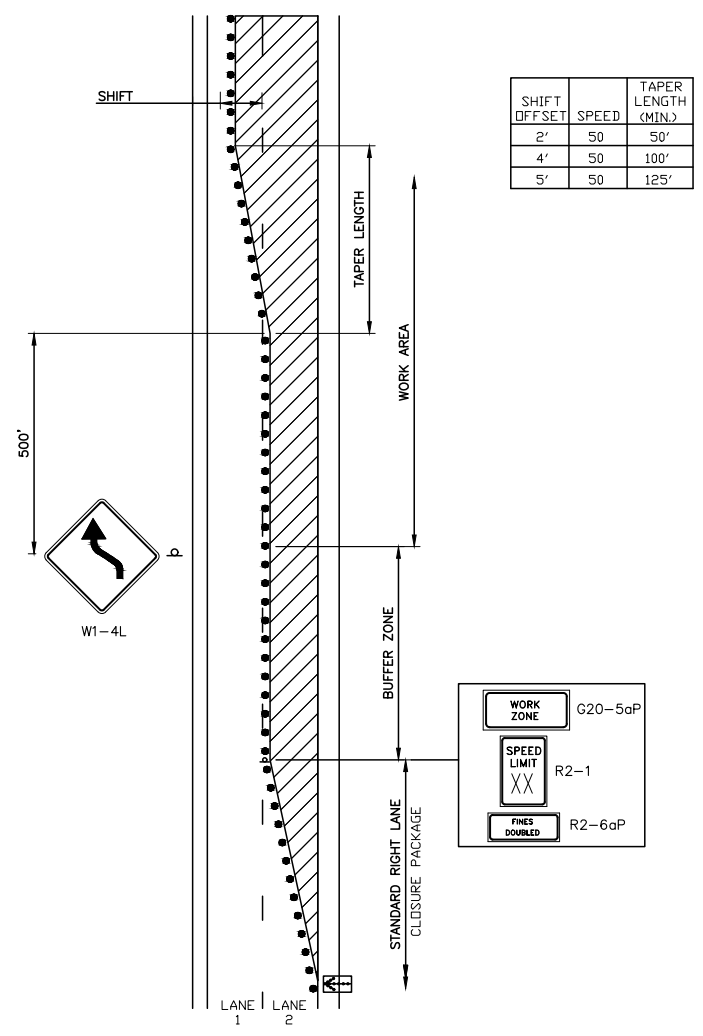
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PAVEMENT REHABILITATION
CLEAR ZONE IMPROVEMENTS

TRAFFIC CONTROL
LANE CLOSURE DETAILS II

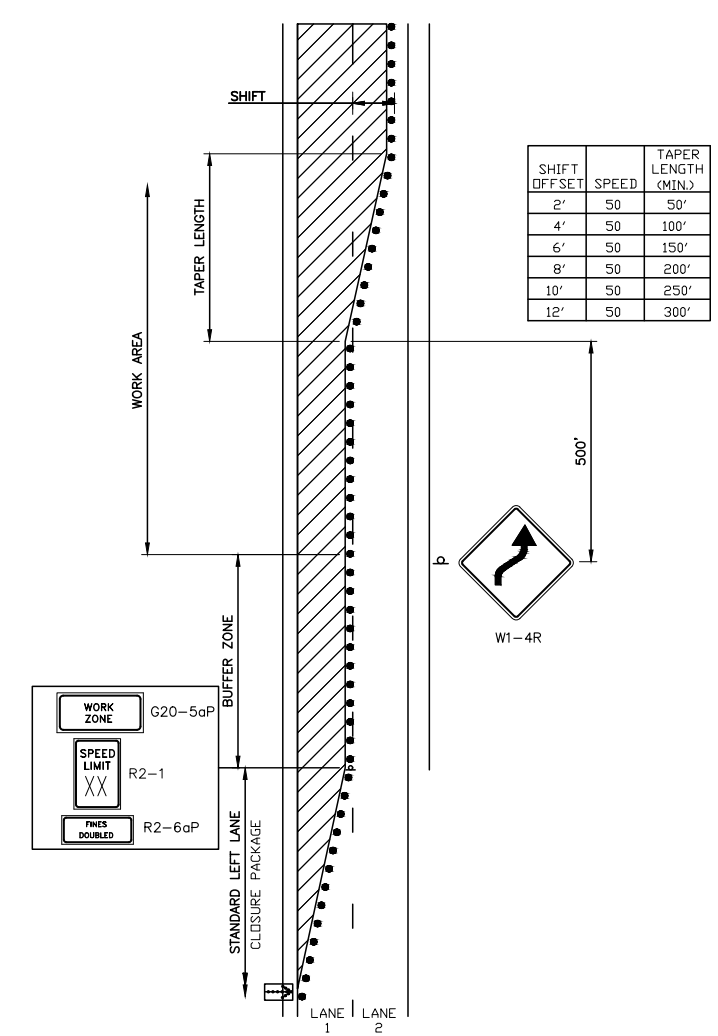
SHEET NUMBER: T-2

CONTRACT: 2023.01 13 of 18



SHIFT OFFSET	SPEED	TAPER LENGTH (MIN.)
2'	50	50'
4'	50	100'
5'	50	125'

SINGLE RIGHT LANE CLOSURE WITH LEFT LANE SHIFT ONTO SHOULDER
N.T.S.




SHIFT OFFSET	SPEED	TAPER LENGTH (MIN.)
2'	50	50'
4'	50	100'
6'	50	150'
8'	50	200'
10'	50	250'
12'	50	300'

SINGLE LANE CLOSURE WITH RIGHT LANE SHIFT ON TO SHOULDER
N.T.S.

Scale: NOT TO SCALE


No.	Revision	By	Date

Designed by:



By	Date	Checked	By	Date
JRL	01/13/23	JED	JED	01/13/23
BMB	01/13/23	SRT	SRT	01/13/23

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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
CLEAR ZONE IMPROVEMENTS

TRAFFIC CONTROL
LANE CLOSURE DETAILS III

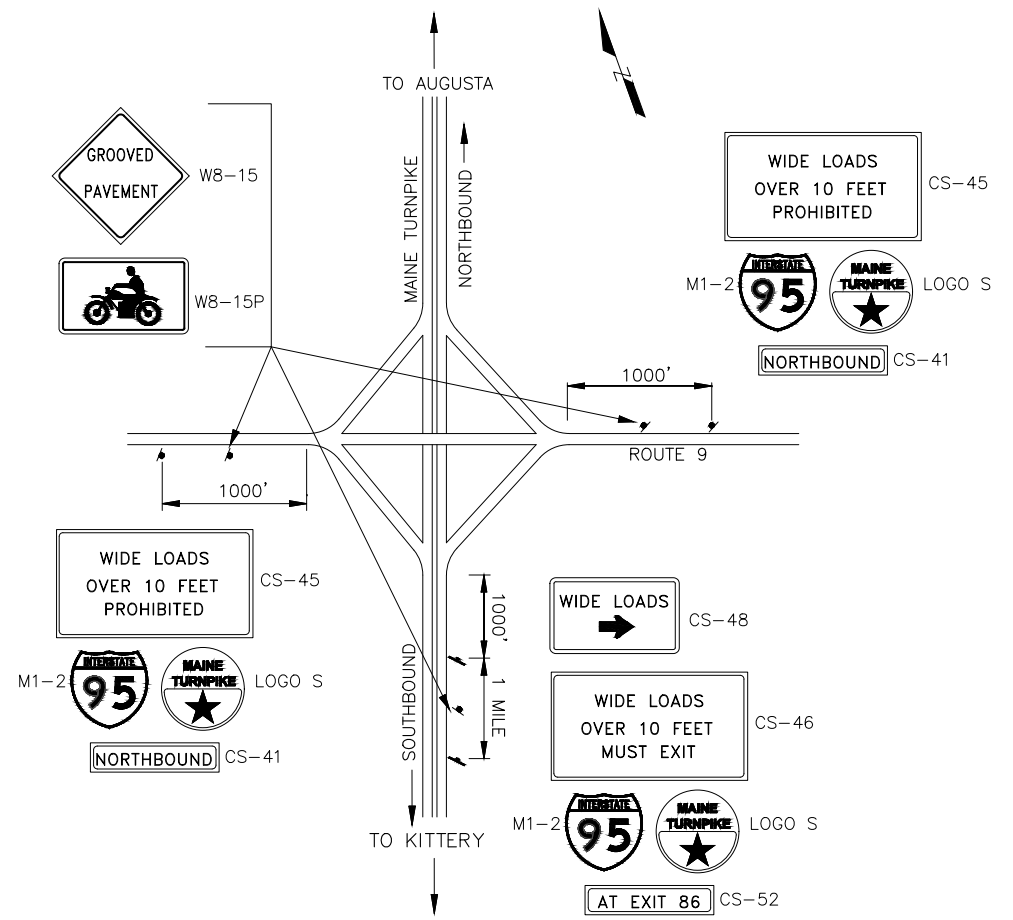
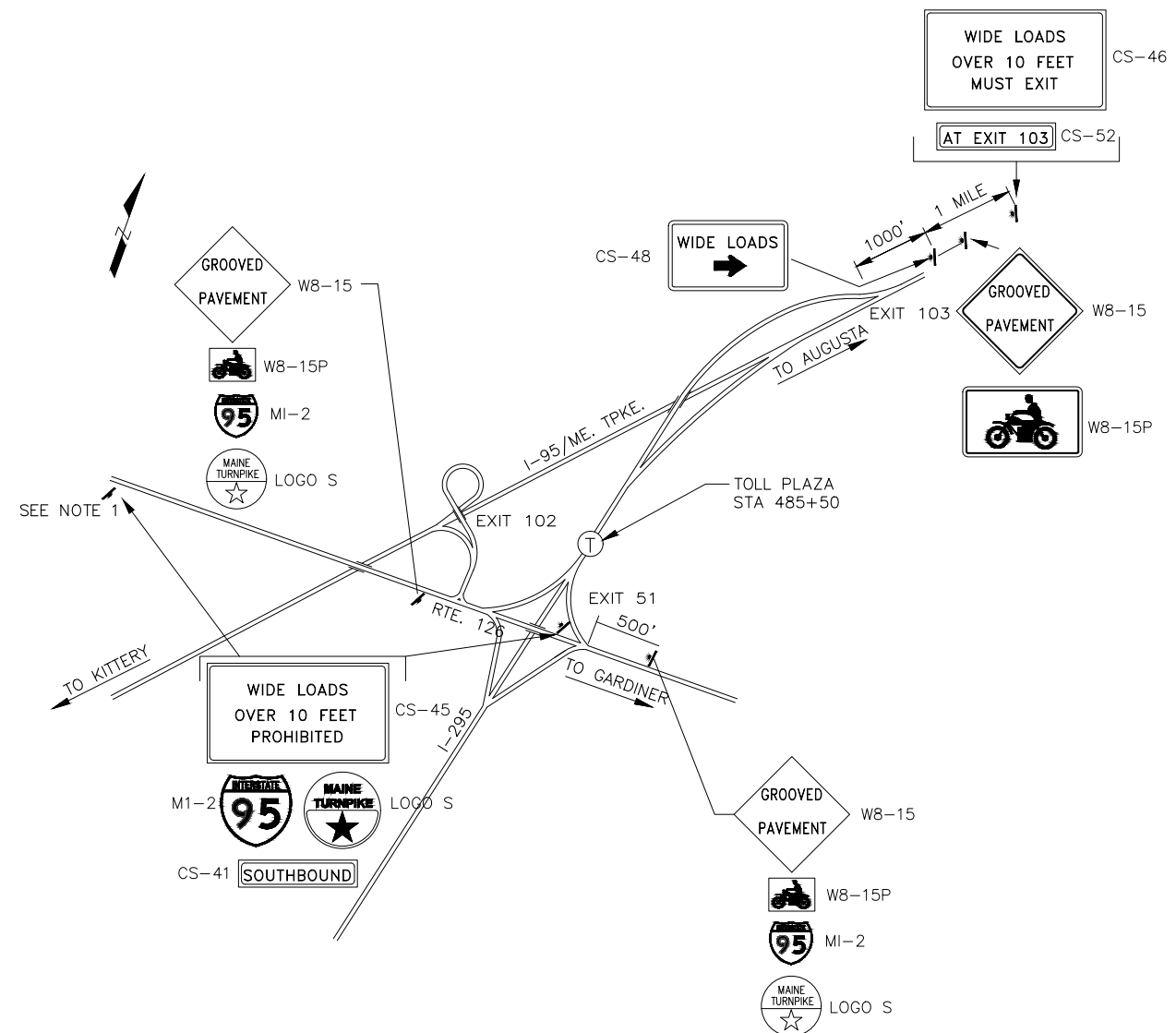
SHEET NUMBER: T-3

CONTRACT: 2023.01

14 of 18

GENERAL MAINTENANCE OF TRAFFIC NOTES:

1. ALL WORK TO CONFORM TO MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES 2014 EDITION, EXCEPT AS MODIFIED BY THE MAINE TURNPIKE AUTHORITY'S GENERAL AND SPECIAL PROVISIONS.
2. 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.
3. THESE PLANS SHOW THE GENERAL CONDITION FOR TURNPIKE MAINLINE TRAFFIC CONTROL. DURING CONSTRUCTION, SLIGHT MODIFICATIONS IN CONSTRUCTION PROCEDURE MAY OCCUR AND MAY REQUIRE SOME MINOR ADJUSTMENTS TO BE MADE IN THE FIELD, ALL PROCEDURES MUST BE APPROVED BY THE RESIDENT.
4. TEMPORARY PAVEMENT MARKINGS SHALL BE PAINTED, UNLESS OTHERWISE NOTED. PAYMENT FOR MARKINGS SHALL BE UNDER ITEM 627.761 - TEMPORARY PAVEMENT MARKING LINE, YELLOW OR WHITE.



I-95 INTERCHANGE 102 &
I-295 INTERCHANGE 51
N.T.S.

ADVANCED SIGNING LOCATIONS
FOR OVERSIZED LOAD RESTRICTIONS
AND MILLING AND PAVING OPERATIONS


INTERCHANGE 86
SABATTUS
N.T.S.

NOTE:
1. EASTBOUND SIGNS NEED TO BE PLACED PRIOR TO CONTRACT 2023.02 NEW SOUTHBOUND RAMP LOCATION

Scale: NOT TO SCALE


No.	Revision	By	Date

Designed by:



	By	Date		By	Date
Designed	JRL	01/13/23	Checked	JED	01/13/23
Drawn	BMB	01/13/23	In Charge of	SRT	01/13/23

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
CLEAR ZONE IMPROVEMENTS

MAINTENANCE OF TRAFFIC
NOTES AND MISCELLANEOUS DETAILS VII

SHEET NUMBER: T-4

CONTRACT: 2023.01

15 of 18


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"			4	COLORS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			8.00 (32)
G20-2	48"	24"					4				8.00 (32)
G20-5aP	48"	24"					42				8.00 (336)
R2-1 (50) (60)	48"	60"					42 8				20.00 (840) (160)
R2-6aP	48"	24"		6"	4.5"		42				8.00 (336)
R2-12	36"	54"		6"	4.5"		8				13.50 (108)
W1-4L	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"					8 8				16.00 (128) (128)
W4-2L	48"	48"					8				16.00 (128)
W4-2R	48"	48"					8				16.00 (128)
W8-1	48"	48"					8				16.00 (128)
W8-11	48"	48"					30				16.00 (480)

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:



	By	Date		By	Date
Designed	JRL	01/13/23	Checked	JED	01/13/23
Drawn	BMB	01/13/23	In Charge of	SRT	01/13/23

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THE GOLD STAR MEMORIAL HIGHWAY

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

PAVEMENT REHABILITATION
CLEAR ZONE IMPROVEMENTS

SIGN SUMMARY I

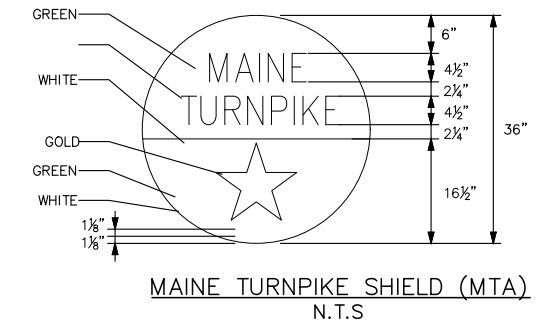
SHEET NUMBER: T-5

CONTRACT: 2023.01

16 of 18

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"	GROOVED PAVEMENT	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)	48"	48"	ROAD WORK XXX				12				16.00 (192)
W20-5L (1/2 MILE)	48"	48"	LEFT LANE CLOSED XXX				8				16.00 (128)
W20-5R (1/2 MILE) (AHEAD)	48"	48"	RIGHT LANE CLOSED XXX				8	1			16.00 (128) (16)
W21-5aR	48"	48"	RIGHT SHOULDER CLOSED				1				16.00 (16)
W21-5bR (1000 FT)	48"	48"	RIGHT SHOULDER CLOSED 1000 FT				1				16.00 (16)

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"	EXPECT STOPPED TRAFFIC	6" 6" 6"	4" 4"		4	ORANGE	BLACK		16.00 (64)
CS-11	48"	48"	NO STOPPING ON PAVEMENT	6" 6" 6"	4" 4"		4	ORANGE	BLACK		16.00 (64)
CS-33	96"	36"	WATCH FOR TRUCKS ENTERING AND LEAVING WORK AREA	6" 6" 6"	4" 4"		2	ORANGE	BLACK		24.00 (48)
CS-45	96"	48"	WIDE LOADS OVER 10 FEET PROHIBITED	8" C 8" C 8" C	6" 6" 6"		4	ORANGE	BLACK		32.00 (128)
CS-46	96"	48"	WIDE LOADS OVER 10 FEET MUST EXIT	8" C 8" C 8" C	6" 6" 6"		2	ORANGE	BLACK		32.00 (64)
CS-48	60"	36"	WIDE LOADS	8" D		9"x36" @ 0"	2	ORANGE	BLACK		15.00 (30)
CS-52	96"	18"	NORTHBOUND				2				12.00 (24)
			SOUTHBOUND	8" C	5" 5"		2	ORANGE	BLACK		12.00 (24)
			AT EXIT 103				1				12.00 (12)
			AT EXIT 86				1				12.00 (12)
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.

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

		By	Date	By	Date
		JRL	01/13/23	JED	01/13/23
Drawn	BMB	01/13/23	In Charge of	SRT	01/13/23

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THE GOLD STAR MEMORIAL HIGHWAY

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

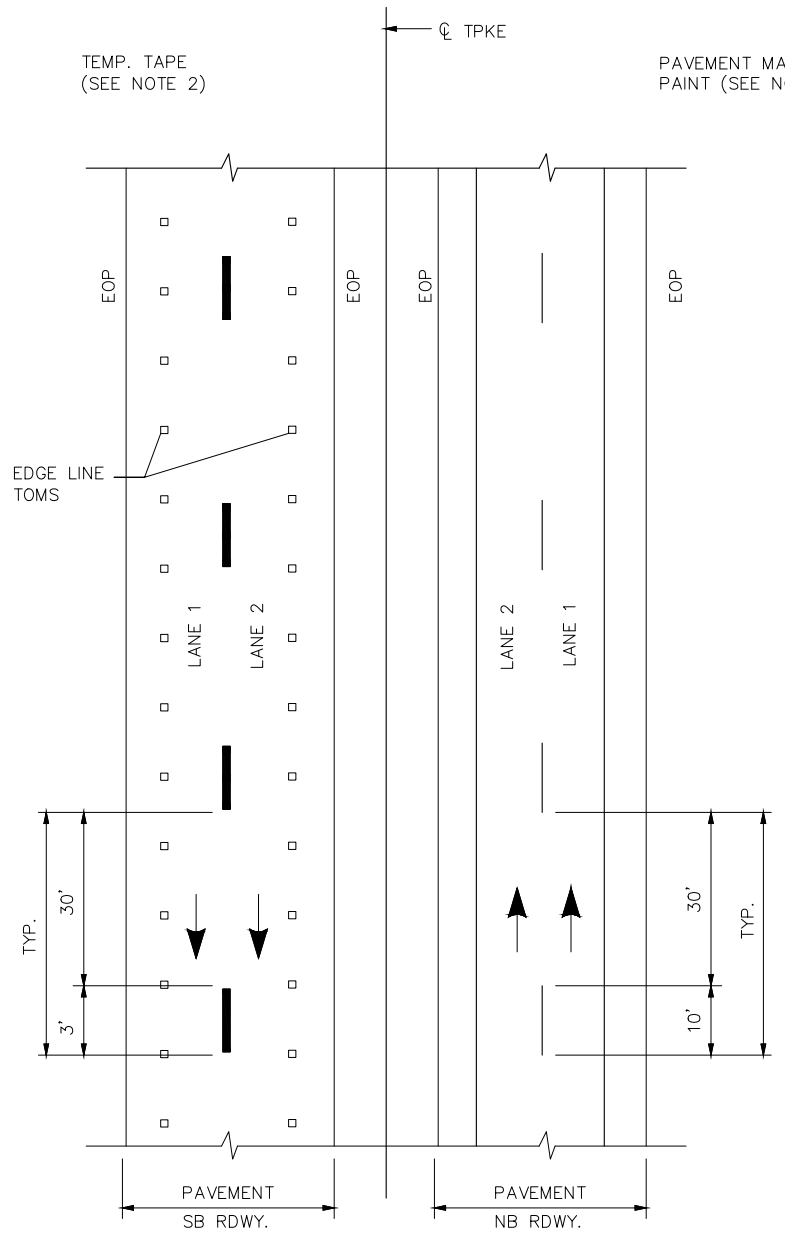
PAVEMENT REHABILITATION
 CLEAR ZONE IMPROVEMENTS

SIGN SUMMARY II

SHEET NUMBER: T-6

CONTRACT: 2023.01

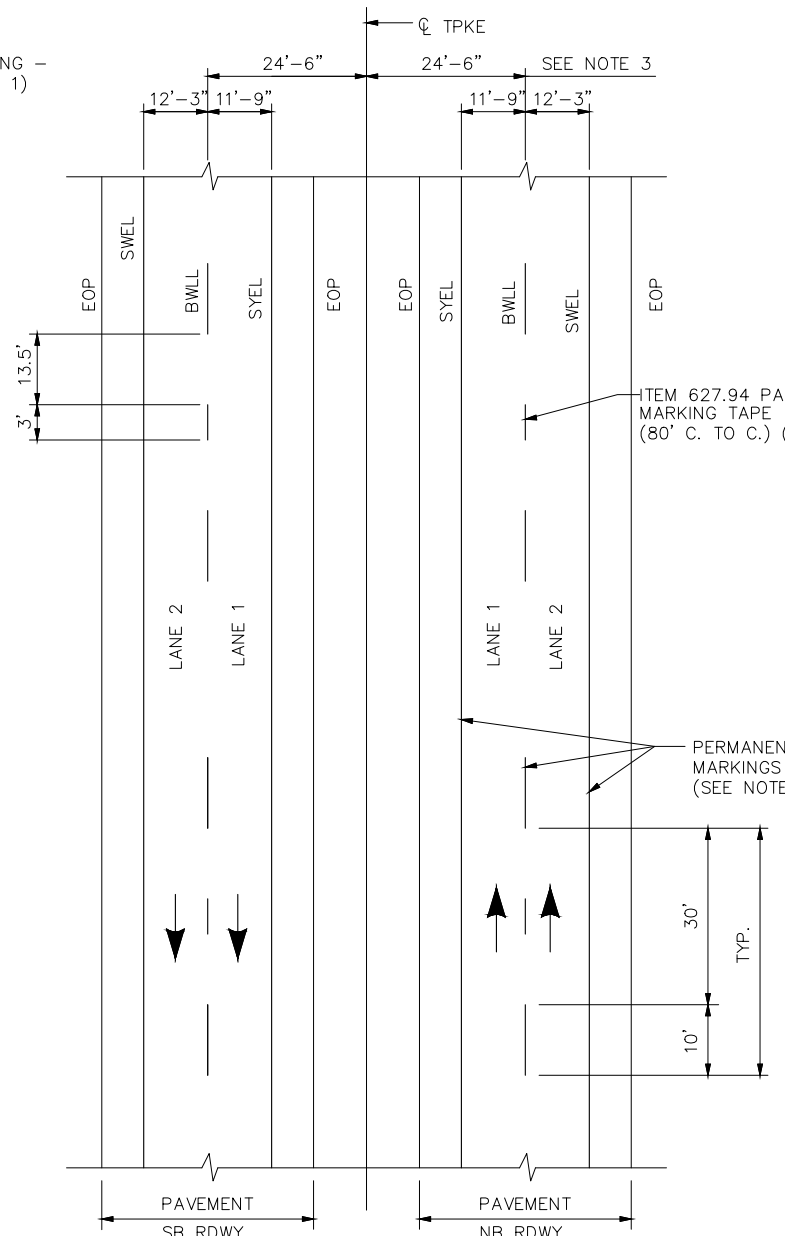
17 of 18



**TEMP. PAVEMENT MARKINGS
2 LANE RDWY**

NOTES:

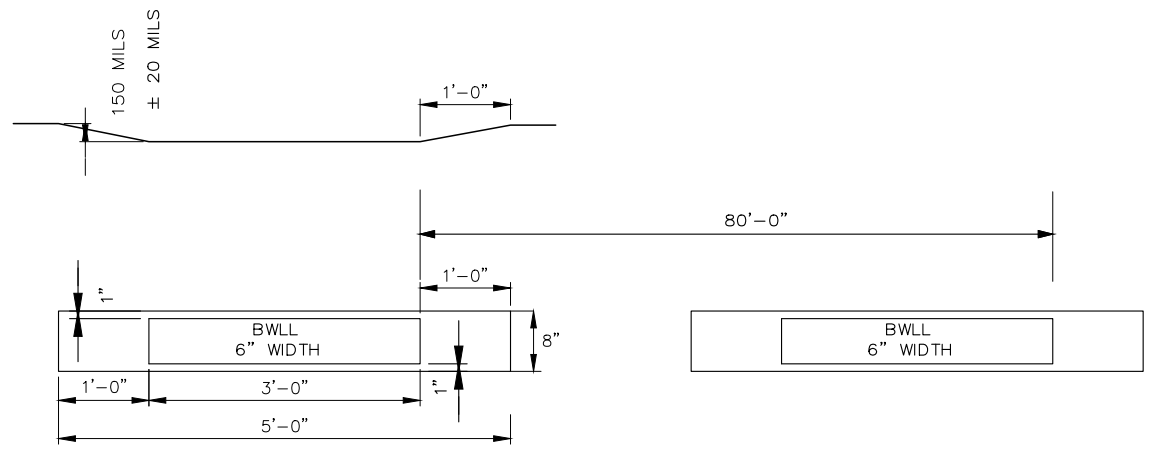
1. TEMPORARY PAVEMENT MARKINGS ON MILLED PAVEMENT SHALL BE 6" SOLID WHITE, BROKEN WHITE, AND SOLID YELLOW PAINT LINES.
2. TEMPORARY PAVEMENT MARKINGS ON NEW HMA 12.5MM, OR SHIM MATERIAL, SHALL BE TEMPORARY RAISED PAVEMENT MARKERS. "SOLID" WHITE AND "SOLID" YELLOW LANE LINES SHALL BE TEMPORARY RAISED PAVEMENT MARKERS SPACED AT 10'-0" C. TO C. "BROKEN" WHITE LANE LINES SHALL BE PAVEMENT MARKING TAPE, 3' PIECES SHALL BE PLACED AT 40' O.C. AND OFFSET FROM FINAL STRIPING LOCATION.



**PERMANENT PAVEMENT MARKINGS
2 LANE RDWY**

NOTES:

1. PERMANENT PAVEMENT MARKINGS SHALL BE 6" WIDE LINES INSTALLED BY THE MTA.
2. PERMANENT PAVEMENT MARKINGS SHALL BE INSTALLED ON BOTH ROADWAYS NORTHBOUND AND SOUTHBOUND.
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



**ITEM 627.94
PERMANENT PAVEMENT
MARKINGS WITH TAPE
GROOVING DETAIL
N.T.S.**

NOTE:

1. THE PAVEMENT SHALL BE STRIPED FOURTEEN (14) CALENDAR DAYS AFTER PLACEMENT COMPLETION ON A ROADWAY BOUND.

LEGEND

- SYEL = SOLID YELLOW EDGE LINE (6" PAINT)
- SWEL = SOLID WHITE EDGE LINE (6" PAINT)
- BWLL = BROKEN WHITE LANE LINE (6" PAINT)
- EOP = EDGE OF PAVEMENT

Scale: NOT TO SCALE			
No.	Revision	By	Date

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

PAVEMENT REHABILITATION
CLEAR ZONE IMPROVEMENTS
PAVEMENT MARKING DETAILS I

SHEET NUMBER: T-7
CONTRACT: 2023.01
18 of 18