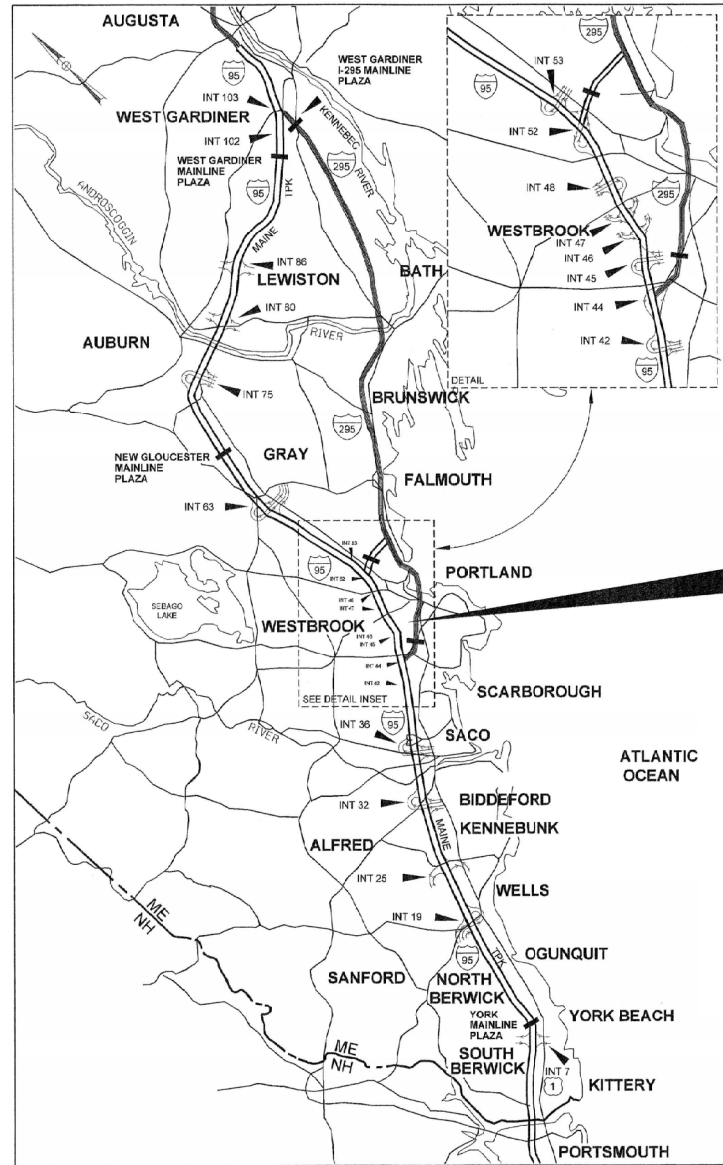


Date: 1/16/2024

Filename: 001_Title_Sheet.dgn



LOCATION MAP

CONTRACT 2024.02
 PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3



THE GOLD STAR
 MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY

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

S. PETER MILLS, EXECUTIVE DIRECTOR

CONTRACT 2024.02 PORTLAND AREA PAVEMENT REHABILITATION SOUTHBOUND MM 42.0 TO MM 49.3

INDEX OF SHEETS

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	GENERAL NOTES
3-5	TYPICAL SECTIONS
6-14	MISCELLANEOUS DETAILS
15-23	TRAFFIC CONTROL DETAILS
24-52	GENERAL PLANS

CONTRACT 2024.02



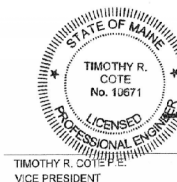
APPROVED:
 MAINE TURNPIKE AUTHORITY

Peter S. Merfeld
 PETER S. MERFELD, P.E. - CHIEF OPERATIONS OFFICER

01-18-24
 DATE

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

4/18/24
 DATE



Timothy R. Cote 1/17/2024
 TIMOTHY R. COTE
 VICE PRESIDENT

Date: 1/25/2024

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	TOTAL QUANTITY	UNIT
202.202	REMOVING PAVEMENT SURFACE - MAINLINE	33000	SY
202.2026	REMOVING PAVEMENT SURFACE - DRAINAGE PATHS	960	SF
202.205	RUMBLE STRIPS	54000	EA
304.14	AGGREGATE BASE COURSE - TYPE A	275	CY
403.2081	HOT MIX ASPHALT - 12.5 MM NOMINAL MAXIMUM SIZE (POLYMER MODIFIED)	23000	T
403.211	HOT MIX ASPHALT, 9.5 MM NOMINAL MAXIMUM SIZE (SHIMMING)	650	T
403.213	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE (BASE AND INTERMEDIATE BASE COURSE)	2800	T
409.152	BITUMINOUS TACK COAT TRACKLESS - APPLIED	21000	Gal
424.3231	ASPHALT RUBBER MASTIC CRACK SEALER - APPLIED	36000	LB
424.324	ASPHALT RUBBER MASTIC CRACK SEALER WITH AGGREGATE	4000	LB
427.09	PAVEMENT CRACK REPAIR	175	LF
470.08	BERM DROPOFF CORRECTION - GRINDINGS	41700	LF
470.081	BERM CORRECTION	1950	LF
520.23	ASPHALTIC PLUG JOINT	242	LF
604.18	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	16	EA
606.178	GUARDRAIL BEAM	625	LF
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	10	EA
606.3621	GUARDRAIL ADJUST, SINGLE RAIL	3400	LF
606.3622	GUARDRAIL ADJUST, DOUBLE RAIL	2400	LF
606.471	SINGLE OFFSET BLOCK - W-BEAM	10	EA
606.48	SINGLE GALVANIZED STEEL POST	15	EA
627.73	TEMPORARY 6 INCH PAVEMENT MARKING TAPE	3400	LF
627.731	TEMPORARY 6 INCH BLACK PAVEMENT MARKING TAPE	2600	LF
627.78	TEMPORARY PAVEMENT MARKING LINE	20000	LF
627.812	TEMPORARY RAISED PAVEMENT MARKERS	8300	EA
627.94	PAVEMENT MARKING TAPE	2700	LF
627.941	PAVEMENT MARKING TAPE - DOTTED WHITE LANE LINE, 6-INCH WIDTH	3250	LF
627.944	PAVEMENT MARKINGS - RECESSED TAPE - WORDS, ARROW AND STOP BARS	170	SF
629.05	HAND LABOR, STRAIGHT TIME	30	HR
631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	25	HR
631.133	SKID STEER (INCLUDING OPERATOR)	20	HR
631.172	TRUCK-LARGE (INCLUDING OPERATOR)	30	HR
631.36	FOREMAN	25	HR
652.30	FLASHING ARROW	2	EA
652.312	TYPE III BARRICADES	15	EA
652.35	CONSTRUCTION SIGNS	1860	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.41	PORTABLE-CHANGEABLE MESSAGE SIGN	4	EA
652.4502	TRUCK MOUNTED ATTENUATOR	2	EA
652.4503	TRUCK MOUNTED ATTENUATOR	8	WK
652.47	SEQUENTIAL FLASHING WARNING LIGHTS	40	EA
659.10	MOBILIZATION	1	LS

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. THE CONTRACTOR IS REQUIRED TO CALL DIG SAFE AT 1-888-344-7233 AT LEAST 72 HOURS PRIOR TO THE START OF WORK. ALL PROPOSED SIGN AND EXCAVATION LOCATIONS SHALL BE MARKED AT THE NOTIFICATION TIME. 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 LOCATOR COORDINATION.
- THE CONTRACTOR SHALL NOTIFY ALL NON-MEMBERS THROUGH WWW.OKTODIG.COM OR AS OTHERWISE REQUIRED BY THE MAINE PUBLIC UTILITIES COMMISSION. ALL PROPOSED SIGN AND EXCAVATION LOCATIONS SHALL BE MARKED AT THE NOTIFICATION TIME. THE RESIDENT ENGINEER SHALL BE PROVIDED AN ELECTRONIC COPY OF ALL NON-MEMBER NOTIFICATIONS WITHIN 24 HOURS OF THEIR RELEASE.
- THE CONTRACTOR SHALL NOTIFY THE RESIDENT 10 CALENDAR DAYS PRIOR TO SUBMITTING ANY UTILITY LOCATE REQUESTS AS NOTED ABOVE SO THAT THE RESIDENT CAN ARRANGE FOR MAINE TURNPIKE UNDERGROUND UTILITY LOCATION. ALL PROPOSED SIGN 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.
- 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 IS CALLED FOR THE PROJECT. THIS WORK SHALL BE CONSIDERED INCIDENTAL TO THE CONTRACT.
- MATERIALS AND EQUIPMENT SHALL NOT BE STORED UNDER OR IN CLOSE PROXIMITY TO HIGHWAY STRUCTURES UNLESS THE CONTRACTOR RECEIVES WRITTEN PERMISSION FROM THE RESIDENT.

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 INSTRUCTION FOR THE INSTALLATION AND/OR MODIFICATION OF ANY AND ALL GUARDRAIL COMPONENTS TO BE INSTALLED OR MODIFIED UNDER THIS CONTRACT. THE CONTRACTOR SHALL NOTIFY THE RESIDENT 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 WORTHY 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 MODIFICATION 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" #1 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 OFF-SITE 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.

Filename: 00X_GeneralNotes.dgn

Scale: *NOT TO SCALE*

No.	Revision	By	Date


Designed by:



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

	By	Date		By	Date
Designed	DEB	1\24	Checked	PEM	1\24
Drawn	DEB	1\24	In Charge of	TRC	1\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

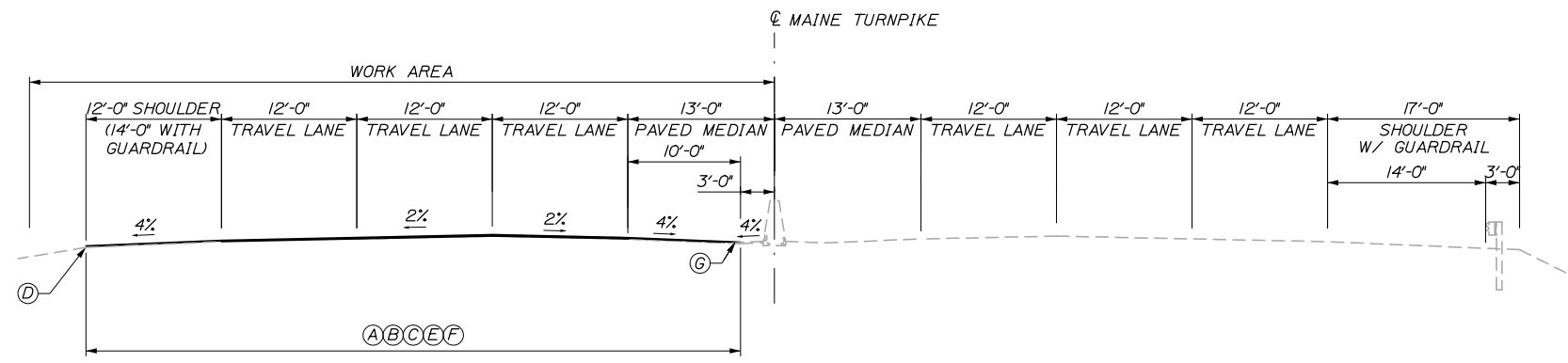
GENERAL NOTES

SHEET NUMBER: GN-01

CONTRACT: 2024.02

2 OF 52

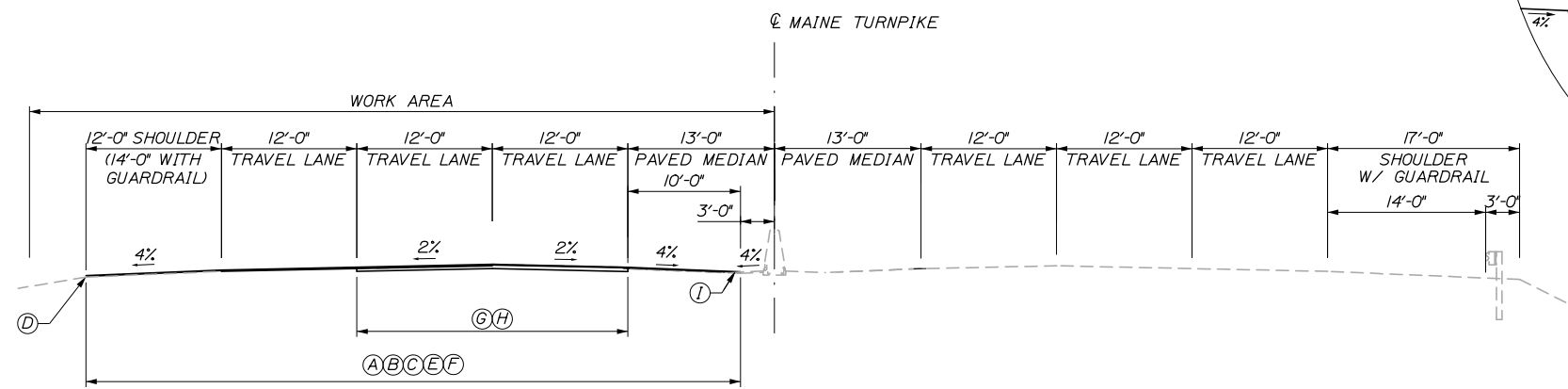
Date: 1/25/2024



SOUTHBOUND OVERLAY WITH MEDIAN BARRIER

STATION TO	STATION
2121+70	2294+00
2367+00	2435+28

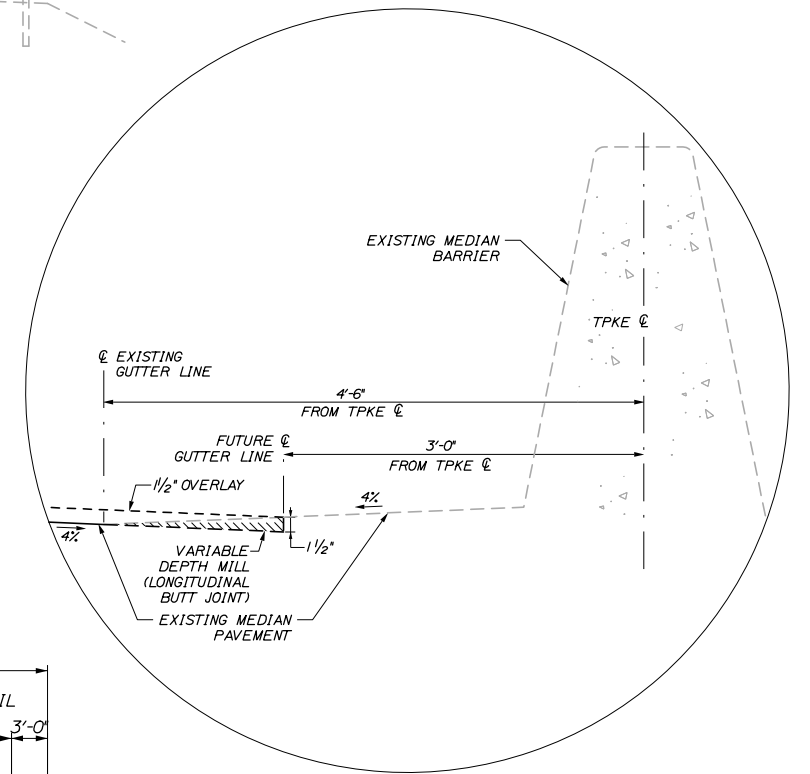
- (A) = 1 1/2" HOT MIX ASPHALT 12.5mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED) - OVERLAY.
- (B) = LIMITS OF OVERLAY WITHOUT GUARDRAIL (58'-0").
- (C) = LIMITS OF OVERLAY WITH GUARDRAIL (60'-0").
- (D) = BERM DROPOFF CORRECTION - GRINDINGS.
- (E) = A COATING OF HOT RUBBERIZED ASPHALT (ASTM D6690 TYPE IV) SHALL BE APPLIED AT THE TOP SURFACE LIFT TO ALL TRANSVERSE BUTT JOINTS AND LONGITUDINAL JOINTS EXCEPT WHERE THE NOTCHED WEDGE IS USED. INCIDENTAL TO ITEM 403.208I.
- (F) = APPLY DOUBLE LAYER OF TACK ON NOTCHED WEDGE.
- (G) = LONGITUDINAL BUTT JOINT - SEE DETAIL, THIS SHEET.



SOUTHBOUND MILL AND OVERLAY WITH MEDIAN BARRIER

STATION TO	STATION
2294+00	2314+00
2323+50	2351+00
2358+50	2368+50

- (A) = 1 1/2" HOT MIX ASPHALT 12.5mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED) - OVERLAY.
- (B) = LIMITS OF OVERLAY WITHOUT GUARDRAIL (58'-0").
- (C) = LIMITS OF OVERLAY WITH GUARDRAIL (60'-0").
- (D) = BERM DROPOFF CORRECTION - GRINDINGS.
- (E) = A COATING OF HOT RUBBERIZED ASPHALT (ASTM D6690 TYPE IV) SHALL BE APPLIED AT THE TOP SURFACE LIFT TO ALL TRANSVERSE BUTT JOINTS AND LONGITUDINAL JOINTS EXCEPT WHERE THE NOTCHED WEDGE IS USED. INCIDENTAL TO ITEM 403.208I.
- (F) = APPLY DOUBLE LAYER OF TACK ON NOTCHED WEDGE.
- (G) = LIMITS OF MILL AND FILL (24'-0").
- (H) = 1 1/2" MILLING DEPTH, 1 1/2" HMA 12.5mm NOMINAL MAXIMUM SIZE (PRIOR TO 1 1/2" OVERLAY). HMA FILL TO MATCH EXISTING.
- (I) = LONGITUDINAL BUTT JOINT - SEE DETAIL, THIS SHEET.



LONGITUDINAL BUTT JOINT DETAIL

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. MILLED SURFACES SHALL BE CRACK SEALED PRIOR TO FILLING/OVERLAY USING THE MATERIALS DIRECTED BY THE RESIDENT. PAYMENT FOR CRACK SEALING SHALL BE MADE FOR UNDER ITEM 424.324 OR 424.323I.
5. EXISTING PAVEMENT SURFACE TO BE OVERLAID SHALL BE CRACK SEALED PRIOR TO OVERLAY USING THE MATERIALS DIRECTED BY THE RESIDENT. PAYMENT FOR CRACK SEALING SHALL BE MADE UNDER ITEM 424.324 OR 424.323I.
6. JOINTS SHALL BE CONSTRUCTED AS THE "NOTCHED WEDGE" TYPE.

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by:					
HNTB					
CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
	PEM	1\24	Checked	EPR	1\24
	Drawn	EKK	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

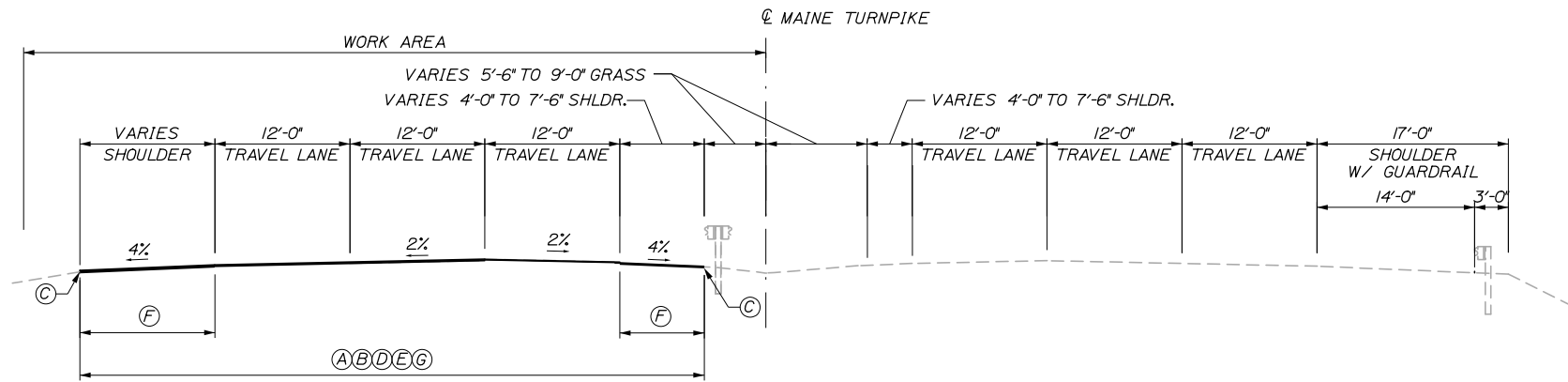
PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

TYPICAL SECTIONS (1 OF 3)

SHEET NUMBER: TYP-1
 CONTRACT: 2024.02
 3 OF 52

Filename: Typicals.dgn

Date: 1/25/2024



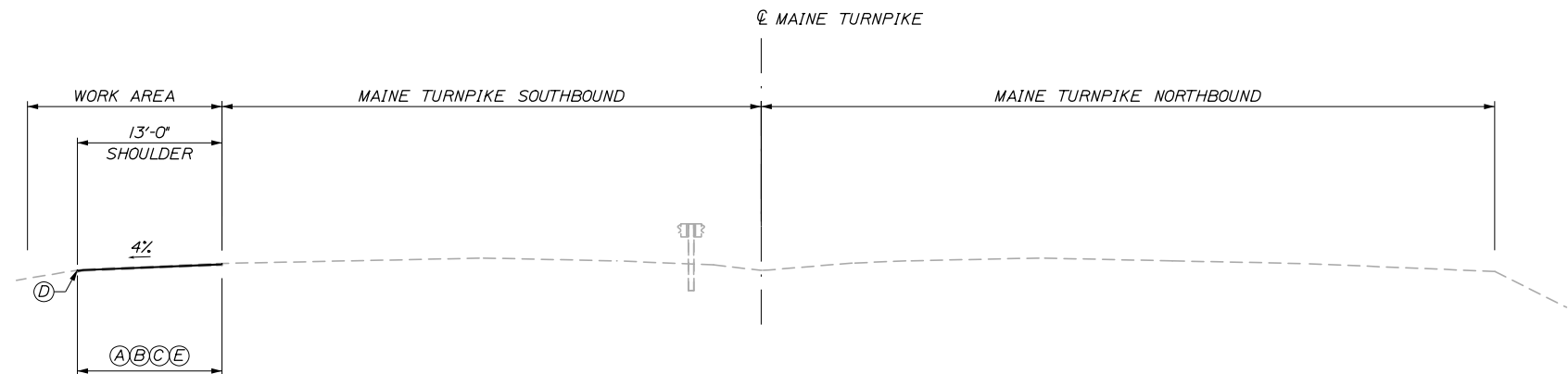
SOUTHBOUND OVERLAY WITH MEDIAN GUARDRAIL AND SHOULDER REHABILITATION

STATION TO STATION
2070+95 — 2121+70

- (A) = 1 1/2" HOT MIX ASPHALT 12.5mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED) - OVERLAY.
- (B) = WHEN MEDIAN GUARDRAIL IS ADJACENT TO THE SHOULDER, MILL TO FACE OF RAIL, OR EDGE OF PAVEMENT, WHICHEVER IS THE LESSER OFFSET.
- (C) = BERM DROPOFF CORRECTION - GRINDINGS.
- (D) = A COATING OF HOT RUBBERIZED ASPHALT (ASTM D6690 TYPE IV) SHALL BE APPLIED AT THE TOP SURFACE LIFT TO ALL TRANSVERSE BUTT JOINTS AND LONGITUDINAL JOINTS EXCEPT WHERE THE NOTCHED WEDGE IS USED. INCIDENTAL TO ITEM 403.2081.
- (E) = APPLY DOUBLE LAYER OF TACK ON NOTCHED WEDGE.
- (F) = LIMITS OF 1 1/2" MILL AND 1 1/2" FILL SHOULDER REHABILITATION (PRIOR TO 1 1/2" OVERLAY). WIDTH VARIES, SEE PLANS & NOTES.
- (G) = LIMITS OF 1 1/2" OVERLAY (WIDTH VARIES).

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. MILLED SURFACES SHALL BE CRACK SEALED PRIOR TO FILLING/OVERLAY USING THE MATERIALS DIRECTED BY THE RESIDENT. PAYMENT FOR CRACK SEALING SHALL BE MADE FOR UNDER ITEM 424.324 OR 424.3231.
5. EXISTING PAVEMENT SURFACE TO BE OVERLAID SHALL BE CRACK SEALED PRIOR TO OVERLAY USING THE MATERIALS DIRECTED BY THE RESIDENT. PAYMENT FOR CRACK SEALING SHALL BE MADE UNDER ITEM 424.324 OR 424.3231.
6. FOR AREAS WHERE MILLING THE SHOULDERS EXPOSES UNDERLYING GRAVELS, CONTRACTOR SHALL PLUNGE CUT FULLY THROUGH PAVEMENT INTO SHOULDER GRAVELS BY ONE TO TWO INCHES AS DIRECTED BY THE RESIDENT THEN COMPACT GRAVELS PER STANDARD SPECIFICATION 304. ADD TYPE A GRAVELS AS NEEDED TO ACHIEVE GRADE, THEN PAVE AS CALLED FOR. PAYMENT SHALL BE MADE UNDER ITEM 202.202 AND ITEM 304.14.
7. JOINTS SHALL BE CONSTRUCTED AS THE "NOTCHED WEDGE" TYPE.



SOUTHBOUND SHOULDER 1 1/2" MILL AND FILL REHABILITATION


STATION TO STATION
2063+00 — 2070+95

- (A) = 1 1/2" HOT MIX ASPHALT 12.5mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED) - MILL AND FILL.
- (B) = LIMITS OF 1 1/2" MILL AND 1 1/2" FILL SHOULDER REHABILITATION. WIDTH VARIES, SEE PLANS & NOTES.
- (C) = A COATING OF HOT RUBBERIZED ASPHALT (ASTM D6690 TYPE IV) SHALL BE APPLIED AT THE TOP SURFACE LIFT TO ALL TRANSVERSE BUTT JOINTS AND LONGITUDINAL JOINTS EXCEPT WHERE THE NOTCHED WEDGE IS USED. INCIDENTAL TO ITEM 403.2081.
- (D) = BERM DROPOFF CORRECTION - GRINDINGS.
- (E) = MILL DEPTH VARIES AS CONTROLLED BY CROSS SLOPE.

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by: HNTB						
CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.						
	By	Date		By	Date	
	Designed	PEM	1\24	Checked	EPR	1\24
	Drawn	EKK	1\24	In Charge of	TRC	1\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

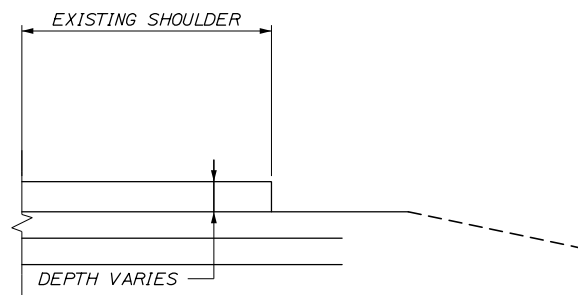
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
TYPICAL SECTIONS (2 OF 3)

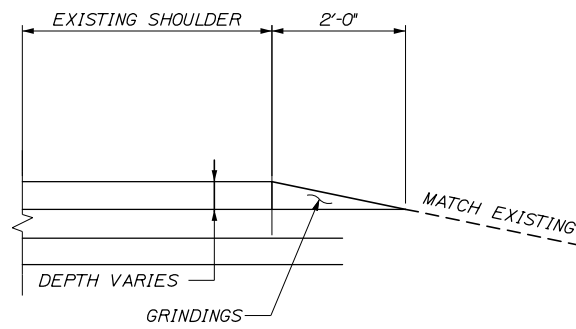
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CONTRACT: 2024.02
4 OF 52

Filename: Typical.dgn

Date: 1/25/2024

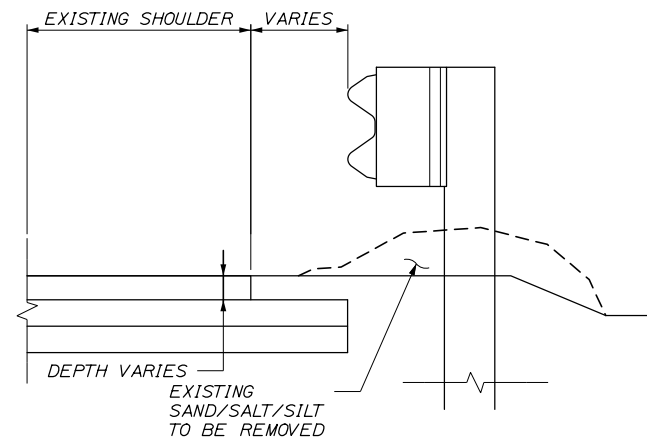


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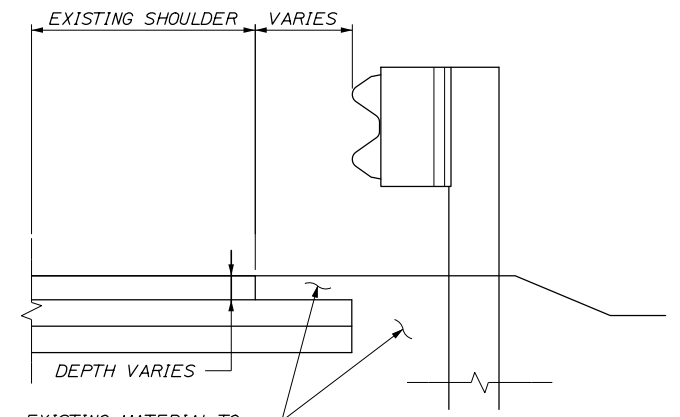


PROPOSED SECTION

DETAIL A
BERM DROPOFF CORRECTION WITHOUT GUARDRAIL
NOT TO SCALE

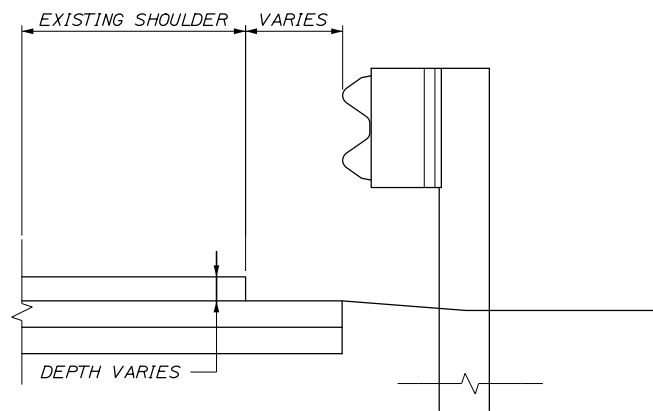


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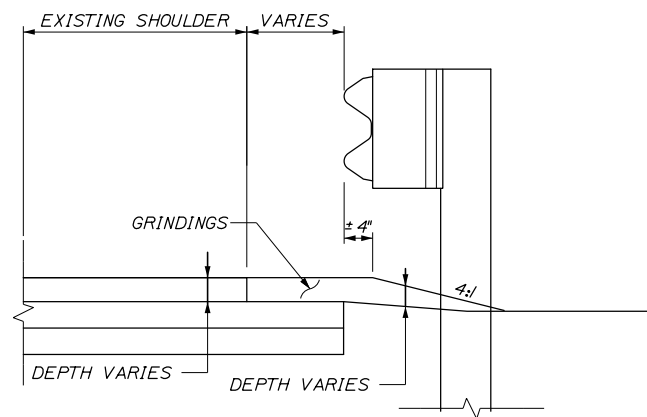


EXISTING MATERIAL TO REMAIN AND GRADE TO DRAIN
PROPOSED SECTION

DETAIL C
BERM CORRECTION
NOT TO SCALE



EXISTING SECTION



PROPOSED SECTION

DETAIL B
BERM DROPOFF CORRECTION WITH GUARDRAIL
NOT TO SCALE

NOTES:

1. BERM DROPOFF CORRECTION WILL BE PLACED AT ALL LOCATIONS WHEN NEEDED UNLESS OTHERWISE DIRECTED BY THE RESIDENT.
2. BERM DROPOFF CORRECTION OF 3' OR MORE SHALL BE PLACED PRIOR TO SHIFTING TRAFFIC TO THE LANE ADJACENT TO THE SHOULDER REQUIRING CORRECTION.

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	PEM	1\24	Checked	EPR	1\24
Drawn	EKK	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

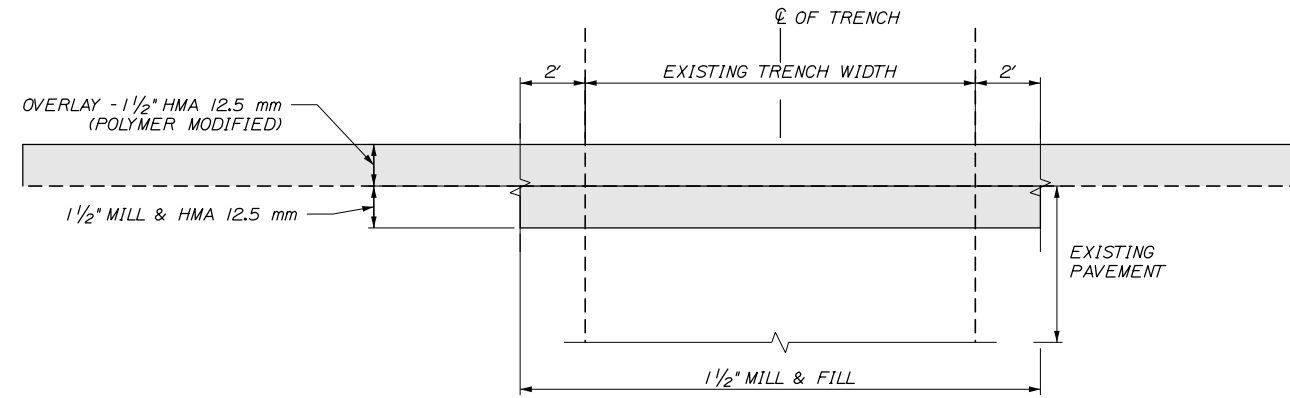
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
BERM DROPOFF CORRECTION DETAILS

SHEET NUMBER: DET-01
CONTRACT: 2024.02
6 OF 52

Filename: z_Details.dgn

Date: 1/25/2024

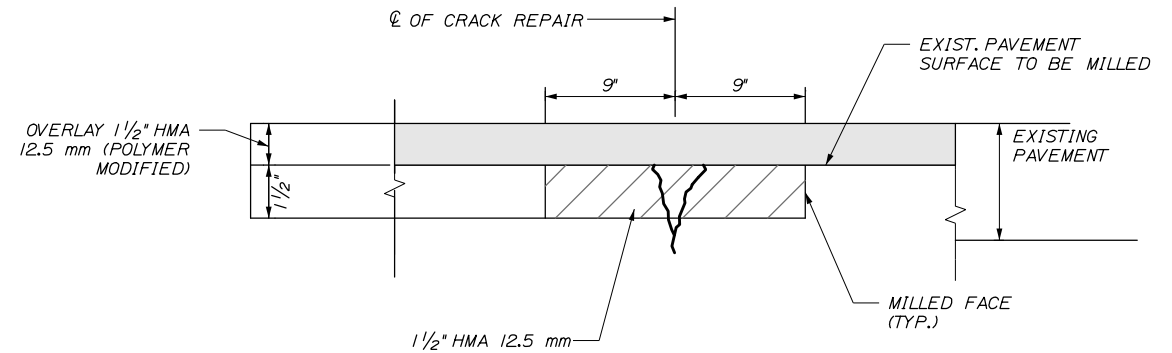


CULVERT TRENCH REPAIR SECTION
NOT TO SCALE

NOTES:
CULVERT TRENCH REPAIR SECTION TO BE USED FOR FULL LANE WIDTHS AS DIRECTED BY THE RESIDENT. EXISTING TRENCH PATCH THAT IS FULLY ABOVE THE NORMAL MAINLINE GRADE MAY BE CONSIDERED FOR "MILL TO GRADE" FOLLOWED BY TYPICAL OVERLAY PROCEDURES, AS DIRECTED BY THE RESIDENT.

TRENCH REPAIR LOCATIONS

- 2192+25 SB
 - 2198+00 SB
 - 2227+63 SB
 - 2251+87 SB
 - 2267+00 SB
 - 2399+00 SB
- AND AS DIRECTED BY THE RESIDENT



PAVEMENT CRACK REPAIR SECTION
NOT TO SCALE


NOTE:

- 1. PAVEMENT CRACK REPAIR TO BE USED AS DIRECTED BY THE RESIDENT.

Scale:			
NOT TO SCALE			
No.	Revision	By	Date

Designed by:					
HNTB					
CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
Designed	PEM	1\24	Checked	EPR	1\24
Drawn	EKK	1\24	In Charge of	TRC	1\24

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**THE GOLD STAR
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MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

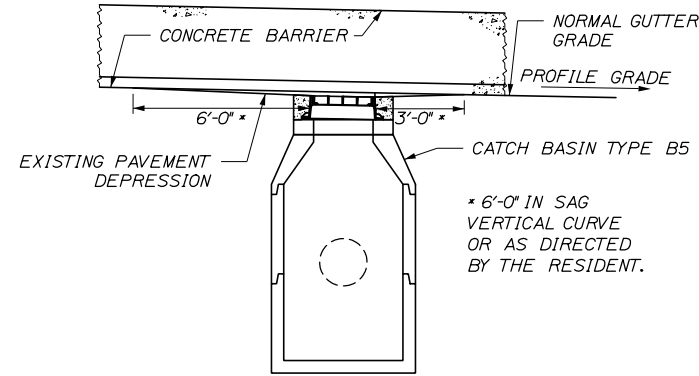
MISCELLANEOUS DETAILS 1

SHEET NUMBER: DET-02
7 OF 52

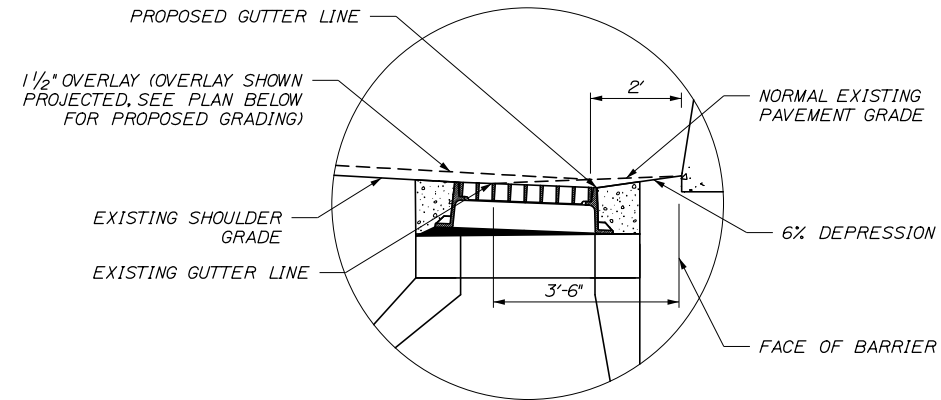
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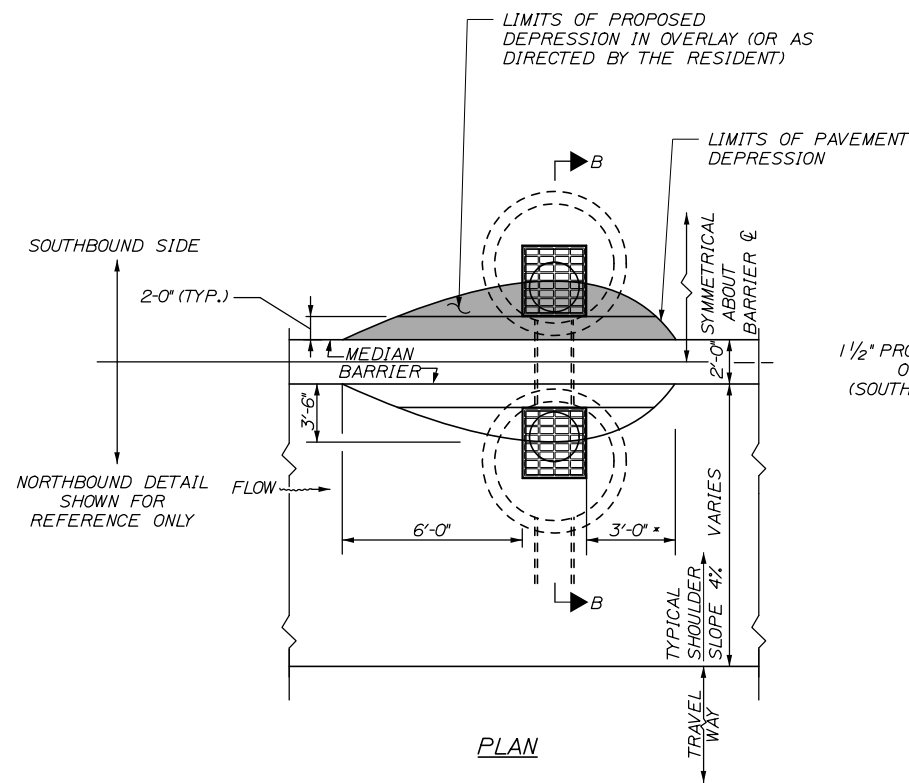


ELEVATION

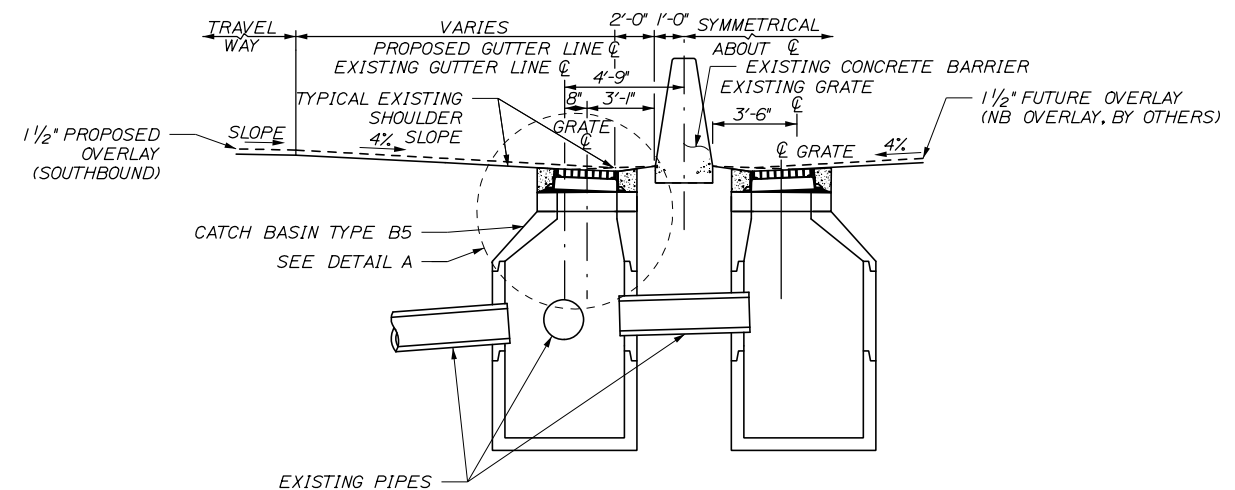


DETAIL A

(SEE NOTES THIS SHEET AND LONGITUDINAL BUTT JOINT DETAIL ON TYP-1)



PLAN



SECTION B-B

NOTE:

- ADJUST ALL EDGE OF TRAVELWAY CATCH BASINS TO GRADE.
- GUTTERLINE CATCH BASINS THAT ARE LESS THAN 1 3/4" BELOW FINAL OVERLAY SURFACE MAY REMAIN AS IS, UNLESS DIRECTED BY THE RESIDENT; ALL OTHERS SHALL BE RESET TO 1 1/2" BELOW FINAL OVERLAY SURFACE. THE CONTRACTOR IS RESPONSIBLE FOR LOCALIZED GRADING AROUND THE ADJUSTED CATCH BASINS.
- OVERLAY PAVEMENT SHALL BE CONSTRUCTED WITH DEPRESSION GRADING AS SHOWN OR AS DIRECTED BY THE RESIDENT.
- BRICKS SHALL NOT BE USED TO ADJUST FRAMES TO GRADE.
- MANHOLE FRAMES SHALL BE ADJUSTED TO GRADE AS SHOWN ON THE PLANS OR DIRECTED BY THE RESIDENT.
- LOCALIZED MEDIAN GRADING WILL BE REQUIRED, AS DIRECTED BY THE RESIDENT, AT THE FOLLOWING CATCH BASIN LOCATIONS:

STA 2223+50 SB
STA 2321+80 SB

PAYMENT FOR WORK SHALL BE CONSIDERED INCIDENTAL TO 403 PAY ITEMS.

TYPICAL EXISTING GRADING AT DRAINAGE STRUCTURES ALONG MEDIAN BARRIER N.T.S.

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by:					
HNTB					
CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
	PEM	1\24	Checked	EPR	1\24
	Drawn	EK	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

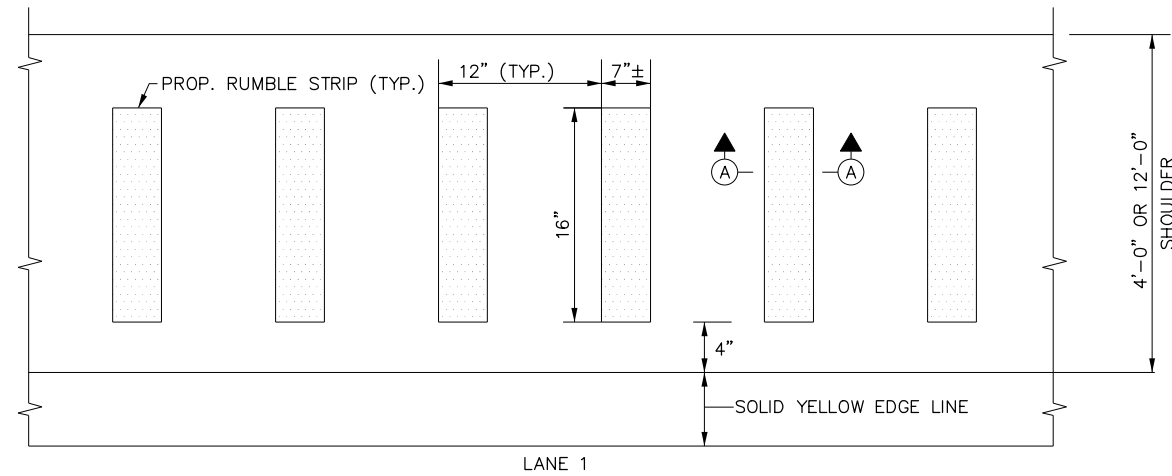
PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

MISCELLANEOUS DETAILS 2

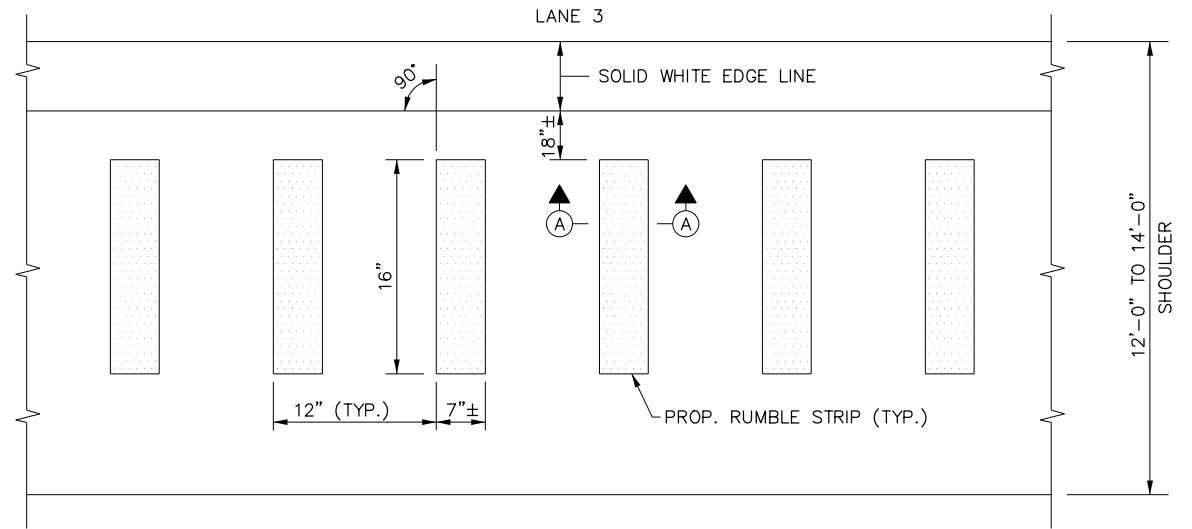
SHEET NUMBER: DET-03
CONTRACT: 2024.02
8 OF 52

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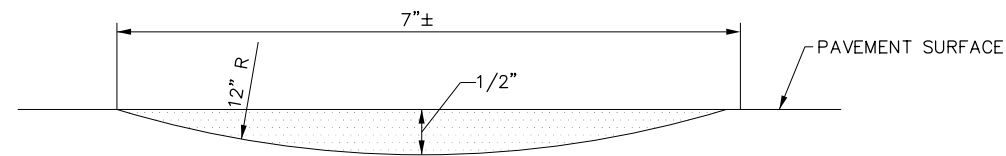
Date: 1/25/2024



PLAN VIEW – LANE 1
N.T.S.



PLAN VIEW – LANE 3
N.T.S.

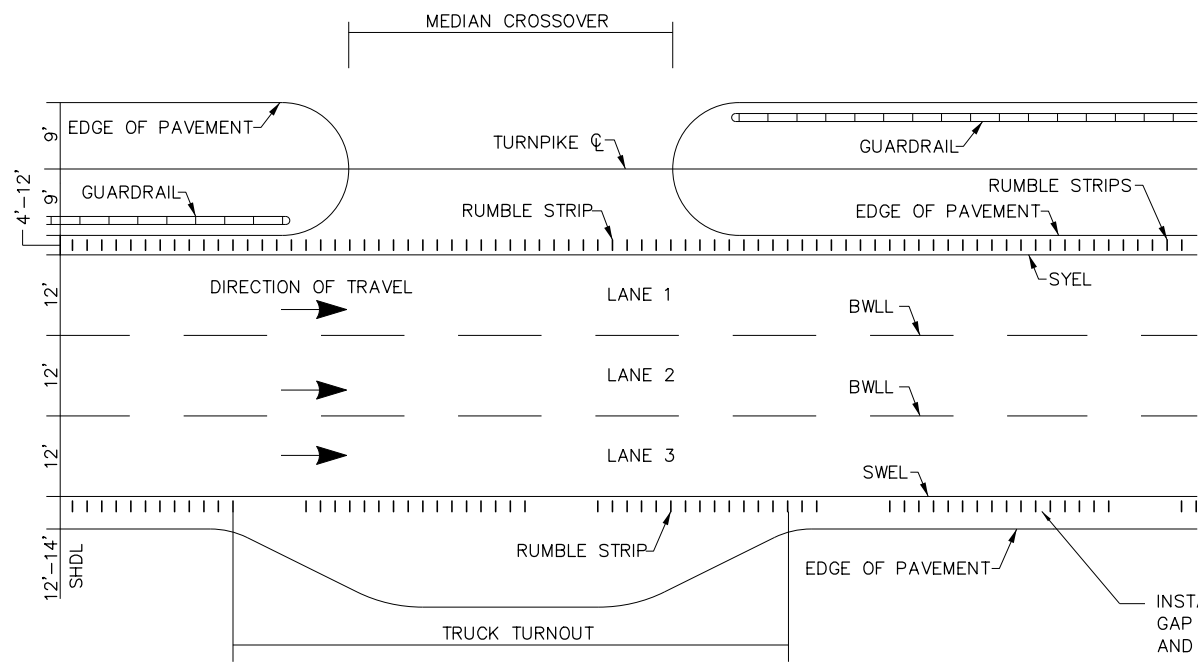


SECTION A-A
N.T.S.

RUMBLE STRIPS DETAILS
N.T.S.

RUMBLE STRIPS:

MM 42.0 – MM 49.3 SOUTHBOUND BOTH SIDES



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

INSTALL LANE 3 RUMBLE STRIPS WITH A 20' GAP EVERY 100'. (I.E. 80' OF RUMBLE STRIP AND 20' OF NO RUMBLE STRIP; REPEAT...)

NOTE:

EXISTING RUMBLE STRIPS NOT OTHERWISE REMOVED DURING SHOULDER MILLING SHALL BE REMOVED BY MILLING 1/2" DEEP BY 18" WIDE FOR THE LENGTH OF REMAINING RUMBLE STRIPS. THE MILLED SURFACE SHALL BE TREATED WITH BITUMINOUS TACK AND FILLED WITH 9.5MM HOT MIX ASPHALT AS DETAILED IN SPECIAL PROVISION 202. PAYMENT WILL BE MADE UNDER ITEM 202.202 REMOVING PAVEMENT SURFACE - MAINLINE AND 403.211 HMA, 9.5MM, AND 409.15 BITUMINOUS TACK COAT.

Scale: NOT TO SCALE			
No.	Revision	By	Date

Designed by:					
HNTB					
CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
	PEM	1\24	Checked	EPR	1\24
	Drawn	EKK	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

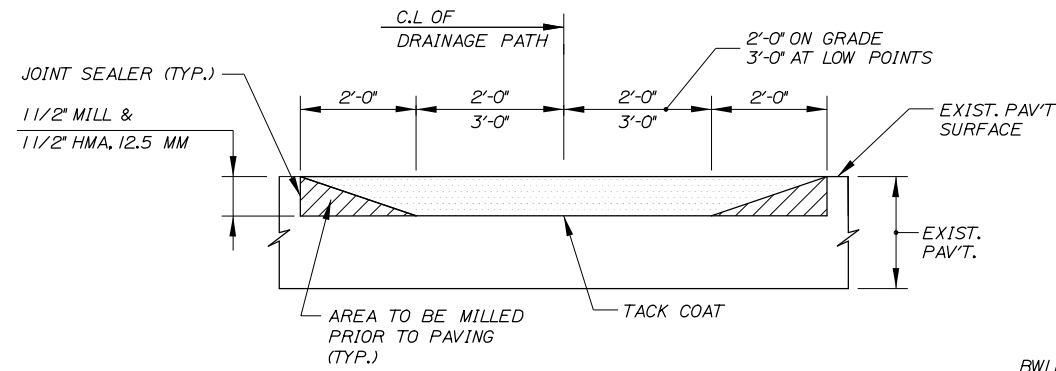
PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

MISCELLANEOUS DETAILS 3

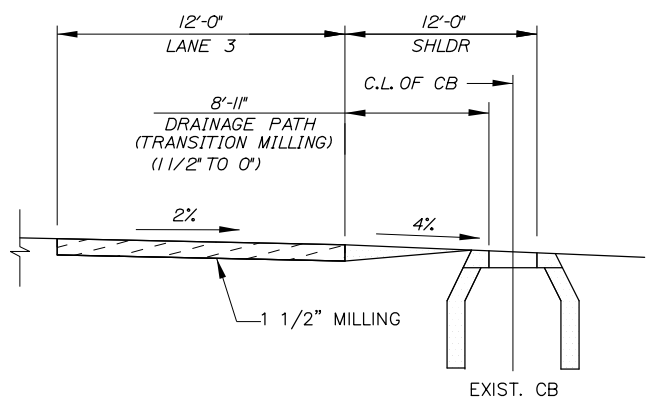
SHEET NUMBER: DET-04
CONTRACT: 2024.02
9 OF 52

Filename: z_Details.dgn

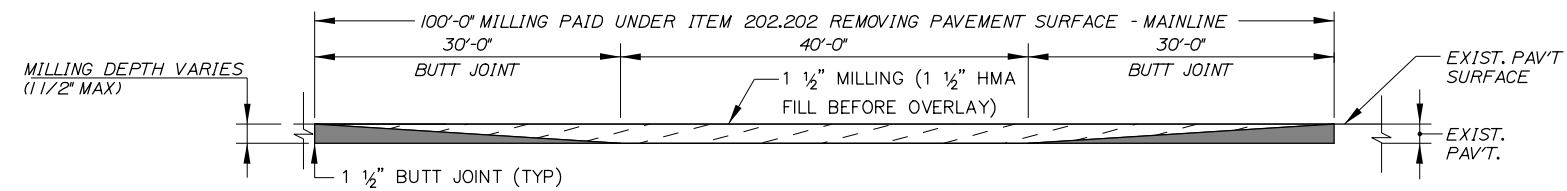
Date: 1/25/2024



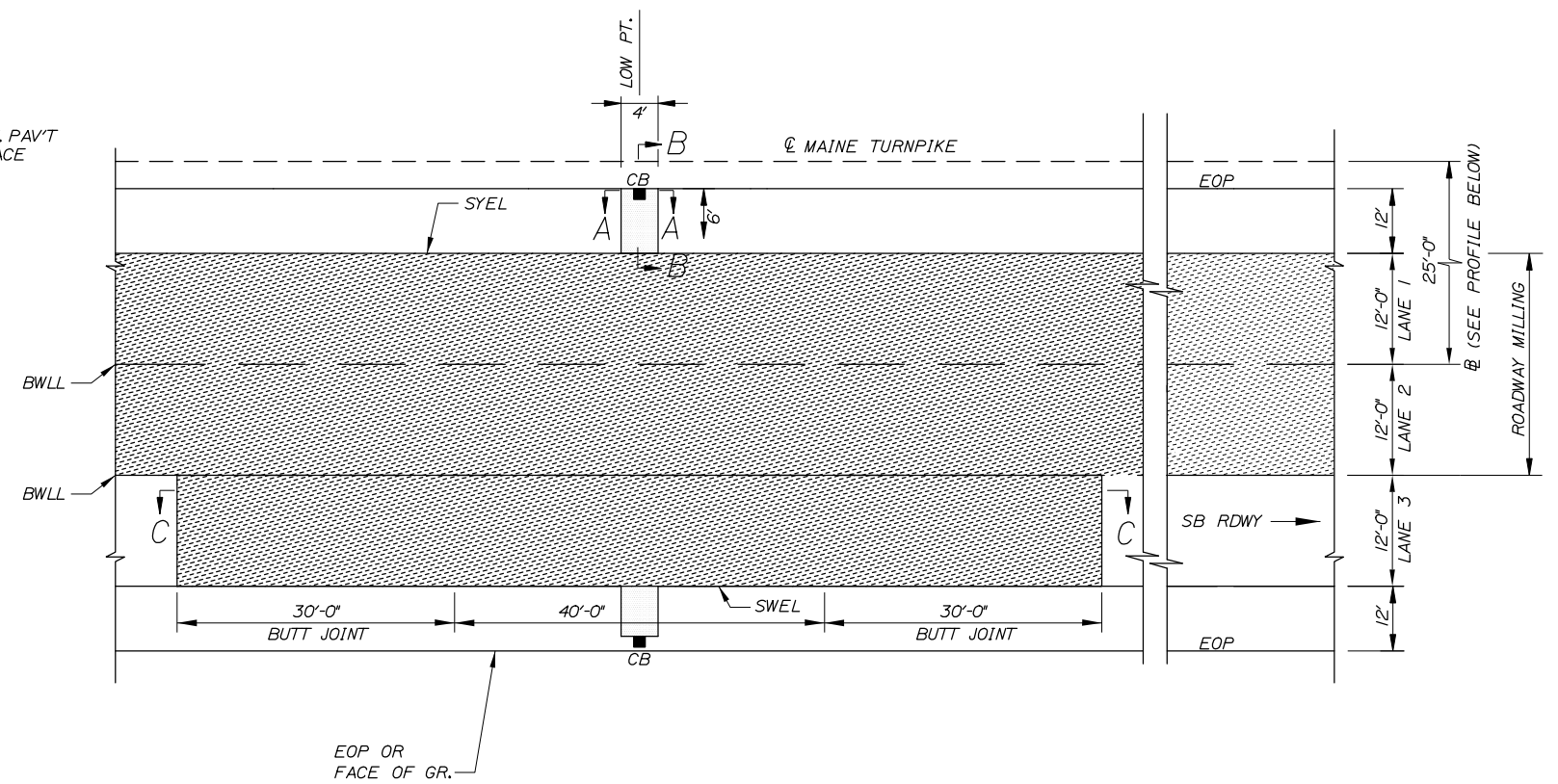
SECTION A-A



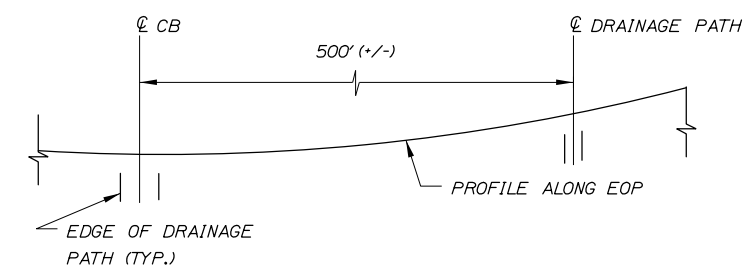
SECTION B-B



SECTION C-C



PLAN VIEW



PROFILE

DRAINAGE PATH DETAILS

LEGEND

- = DRAINAGE PATH MILLING (PAID UNDER ITEM 202.2026)
- = TRAVEL LANE MILLING (PAID UNDER ITEM 202.202)

NOTES:

1. FOR LOW/HIGH POINT STATIONING SEE PLANS.
2. DRAINAGE PATH REQUIRED AT ALL LOW POINTS.

NOTES:

1. LANE 3 SHALL BE MILLED TO 1 1/2", OVER A 100' LENGTH. TWO 30 FOOT LONG BUTT JOINTS SHALL BE MILLED 1 1/2" TO CREATE RAMP AND A 40' LONG DRAINAGE PATH. LOCATIONS ARE SHOWN ON PLANS.
2. MILLING AND REPLACEMENT FILL PAVEMENT WILL BE MEASURED FOR PAYMENT UNDER THE APPROPRIATE ITEMS. BUTT JOINTS WILL NOT BE MEASURED FOR PAYMENT.
3. TRAVELWAY MILLING SHOWN SHALL BE PAID UNDER ITEM 202.202 REMOVING PAVEMENT SURFACE - MAINLINE. SHOULDER MILLING FOR DRAINAGE PATHS SHALL BE PAID UNDER ITEM 202.2026 REMOVING PAVEMENT SURFACE - DRAINAGE PATHS. SEE LEGEND.

Scale: NOT TO SCALE

No.	Revision	By	Date


Designed by:

HNTB

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

	By	Date	By	Date	
Designed	CET	1\24	Checked	PEM	1\24
Drawn	CET	1\24	In Charge of	TRC	1\24

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

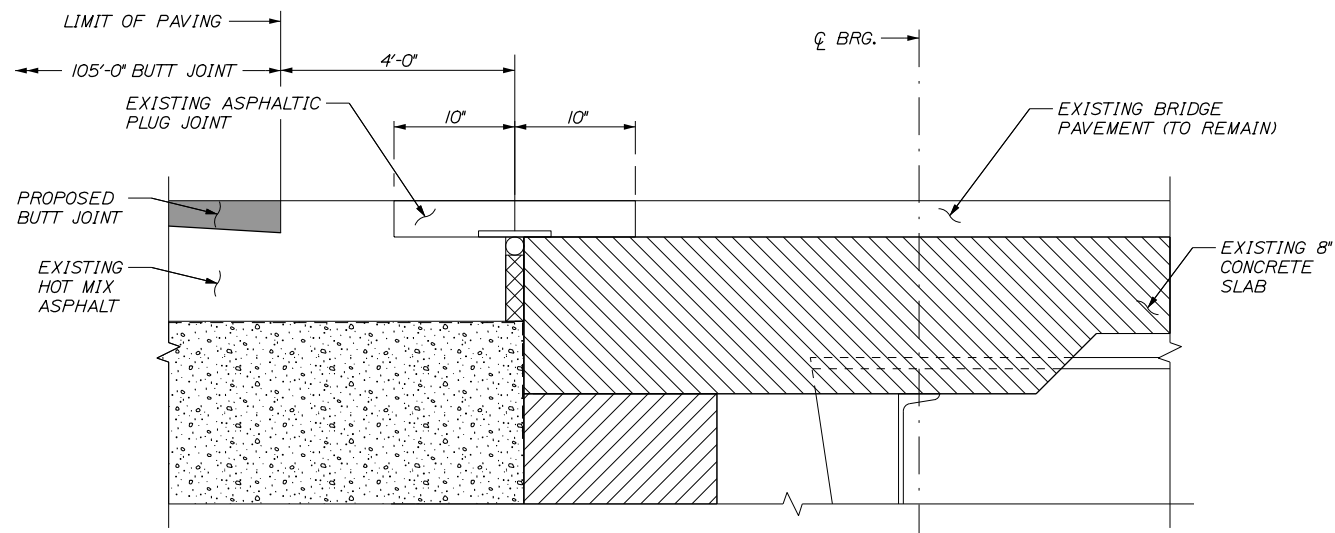
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3
 MISCELLANEOUS DETAILS 4

SHEET NUMBER: DET-05
10 OF 52

CONTRACT: 2024.02

Filename: z_Details.dgn

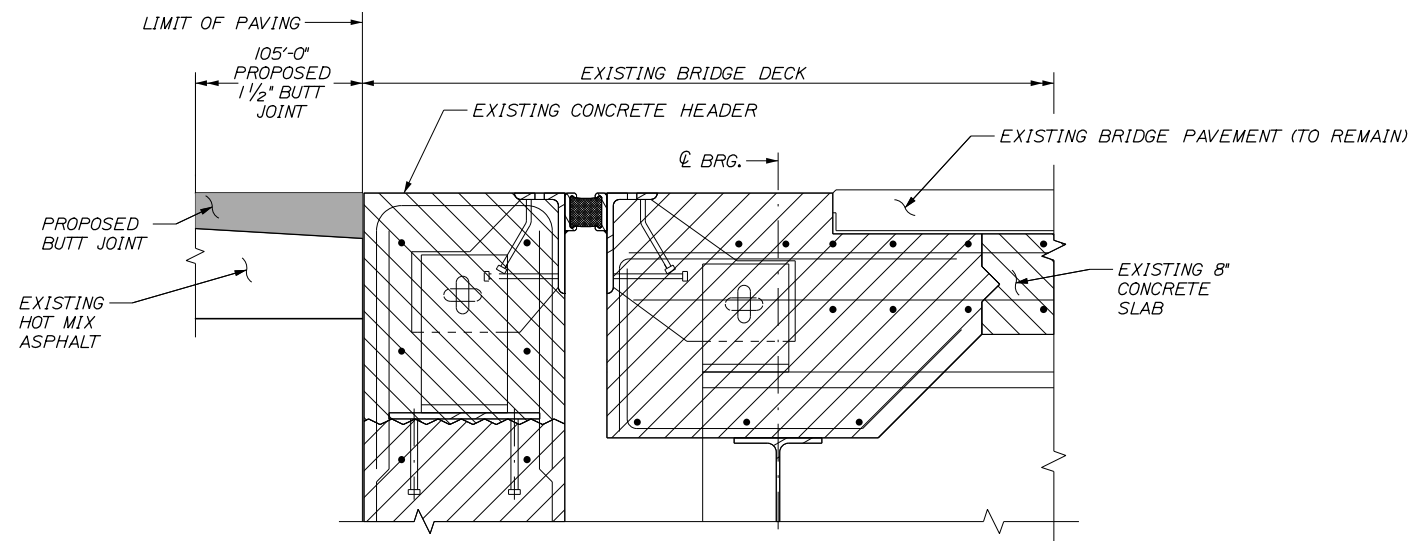


ASPHALTIC PLUG JOINT DETAIL - PAVING LIMITS

N.T.S.

NOTE:

1. ASPHALTIC PLUG JOINT - PAVING LIMITS SHOWS LIMIT OF PROPOSED PAVING BASED ON THE LOCATION OF THE EXISTING ASPHALTIC PLUG JOINT ON THE SOUTHERN ABUTMENT OF THE MAINE CENTRAL RAILROAD BRIDGE. SEE PLAN VIEW ON GP-24 FOR ADDITIONAL INFORMATION.



COMPRESSION JOINT DETAIL - PAVING LIMITS

N.T.S.

NOTE:

1. COMPRESSION JOINT DETAIL - PAVING LIMITS SHOWS LIMIT OF PROPOSED PAVING BASED ON THE LOCATION OF THE EXISTING CONCRETE HEADER ON THE NORTHERN ABUTMENT OF THE MAINE CENTRAL RAILROAD BRIDGE AND BOTH NORTHERN AND SOUTHERN ABUTMENTS OF THE STROUDWATER RIVER BRIDGE. SEE PLAN VIEW ON GP-20 AND GP-24 FOR ADDITIONAL INFORMATION.

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	PEM	1\24	Checked	BRG	1\24
Drawn	PEM	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

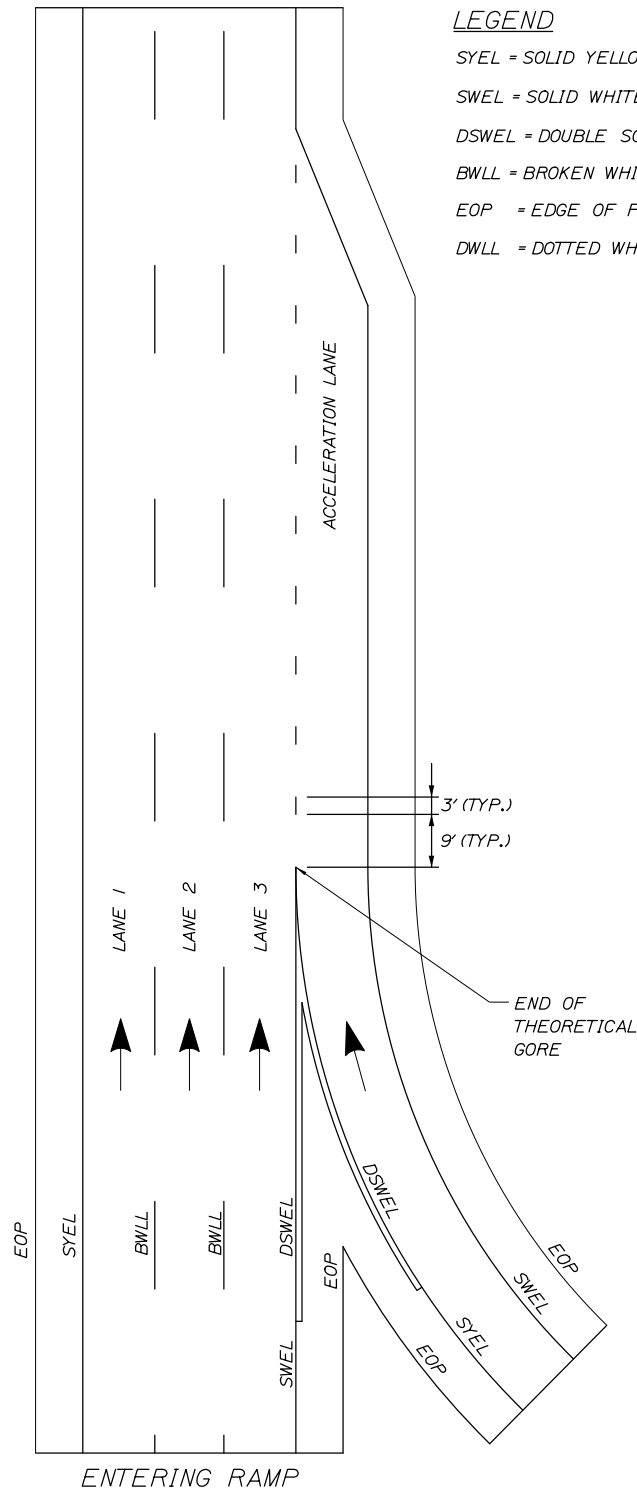
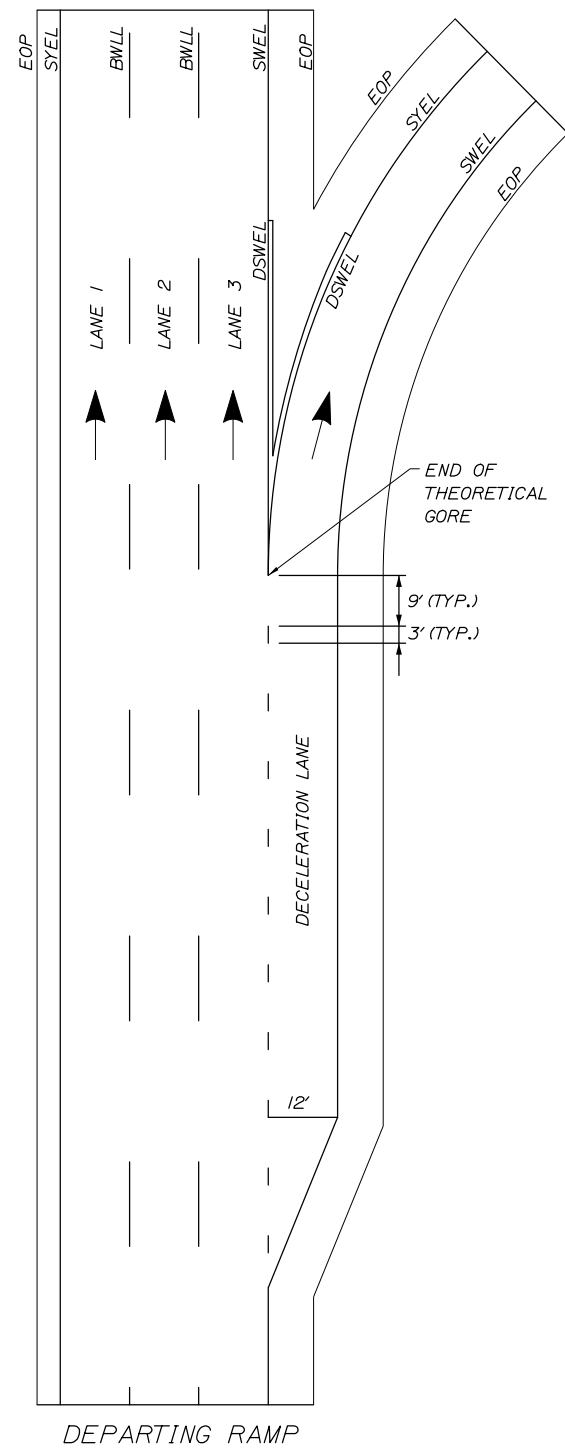
MISCELLANEOUS DETAILS 5

SHEET NUMBER: DET-06
 11 OF 52

CONTRACT: 2024.02

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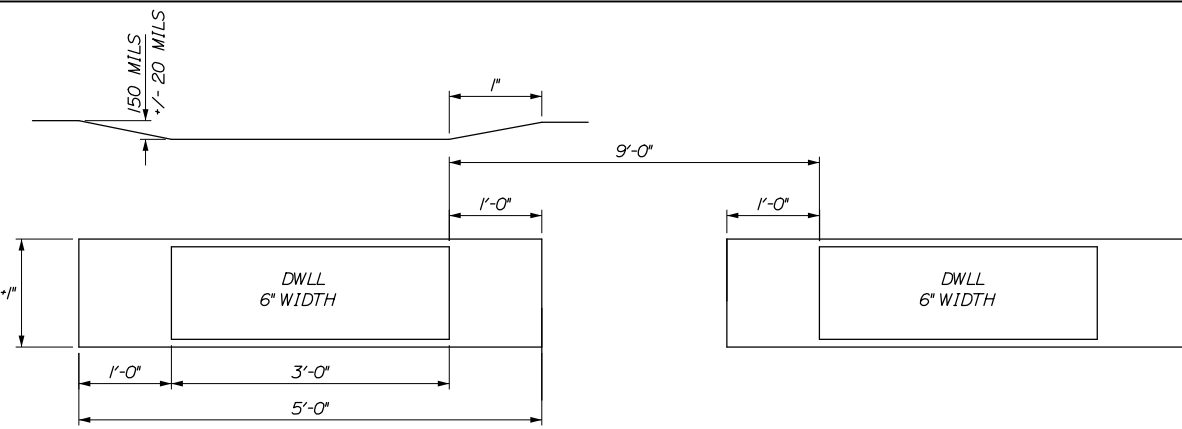
Date: 1/25/2024



LEGEND

- SYEL = SOLID YELLOW EDGE LINE (6" PAINT)
- SWEL = SOLID WHITE EDGE LINE (6" PAINT)
- DSWEL = DOUBLE SOLID WHITE EDGE LINE (12" PAINT)
- BWLL = BROKEN WHITE LANE LINE (6" PAINT)
- EOP = EDGE OF PAVEMENT
- DWLL = DOTTED WHITE LANE LINE

TAPE WIDTH 1"



**ITEM 627.941
DWLL PERMANENT PAVEMENT
MARKINGS WITH TAPE
GROOVING DETAIL
NTS**

ITEM 627.941 - PAVEMENT MARKING TAPE - DWLL INSTALLATION LOCATIONS					
LOCATION	LANE TYPE	BEGIN (STA)	END (STA)	LENGTH (LF)	LENGTH OF TAPE (LF)
EXIT 42	SB OFF RAMP	2117+34	2120+49	315	79
EXIT 42	SB ON RAMP	2087+09	2092+20	511	128
EXIT 45	SB OFF RAMP	2233+15	2247+85	1470	368
EXIT 45	SB ON RAMP	2193+00	2200+69	769	193
EXIT 46	SB OFF RAMP	2298+50	2306+50	800	200
EXIT 46	SB ON RAMP	2269+00	2280+28	1128	282
EXIT 47	SB OFF RAMP	2362+37	2368+50	613	153
EXIT 47	SB ON RAMP	2339+75	2351+46	1171	293
EXIT 48	SB OFF RAMP	2418+84	2430+50	1166	292
EXIT 48	SB ON RAMP	2391+50	2403+65	1215	304
TOTAL					2292

**PERMANENT PAVEMENT
MARKINGS WITH TAPE
(ITEM 627.941 PAVEMENT MARKING TAPE)**

NOTES:

1. ALL EXISTING PAINT MARKINGS SHALL BE REMOVED PRIOR TO INSTALLATION OF ITEM 627.941 PAVEMENT MARKING TAPE AND SHALL BE INCIDENTAL TO INSTALLATION OF THE TAPE.
2. ON DEPARTING RAMPS, THE DWLL SHALL BEGIN AT THE BEGINNING OF THE TAPER AND EXTEND THE FULL LENGTH OF THE DECELERATION LANE TO THE THEORETICAL GORE MARKINGS.
3. ON ENTERING RAMPS, THE DWLL SHALL BEGIN AT THE END OF THE THEORETICAL GORE MARKINGS AND SHALL EXTEND THE FULL LENGTH OF THE ACCELERATION LANE INCLUDING THE TAPER.
4. ITEM 627.941 PAVEMENT MARKING TAPE FOR DWLL SHALL BE INSTALLED IN AN "IN-AND-OUT" GROOVING PATTERN. SEE DETAIL THIS SHEET.
5. CONTRACTOR SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION OF THE TAPE. ANY CHANGES TO INSTALLATION PROCEDURES SHALL BE APPROVED THE BY RESIDENT.

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	CET	1\24	Checked	PEM	1\24
Drawn	CET	1\24	In Charge of	TRC	1\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

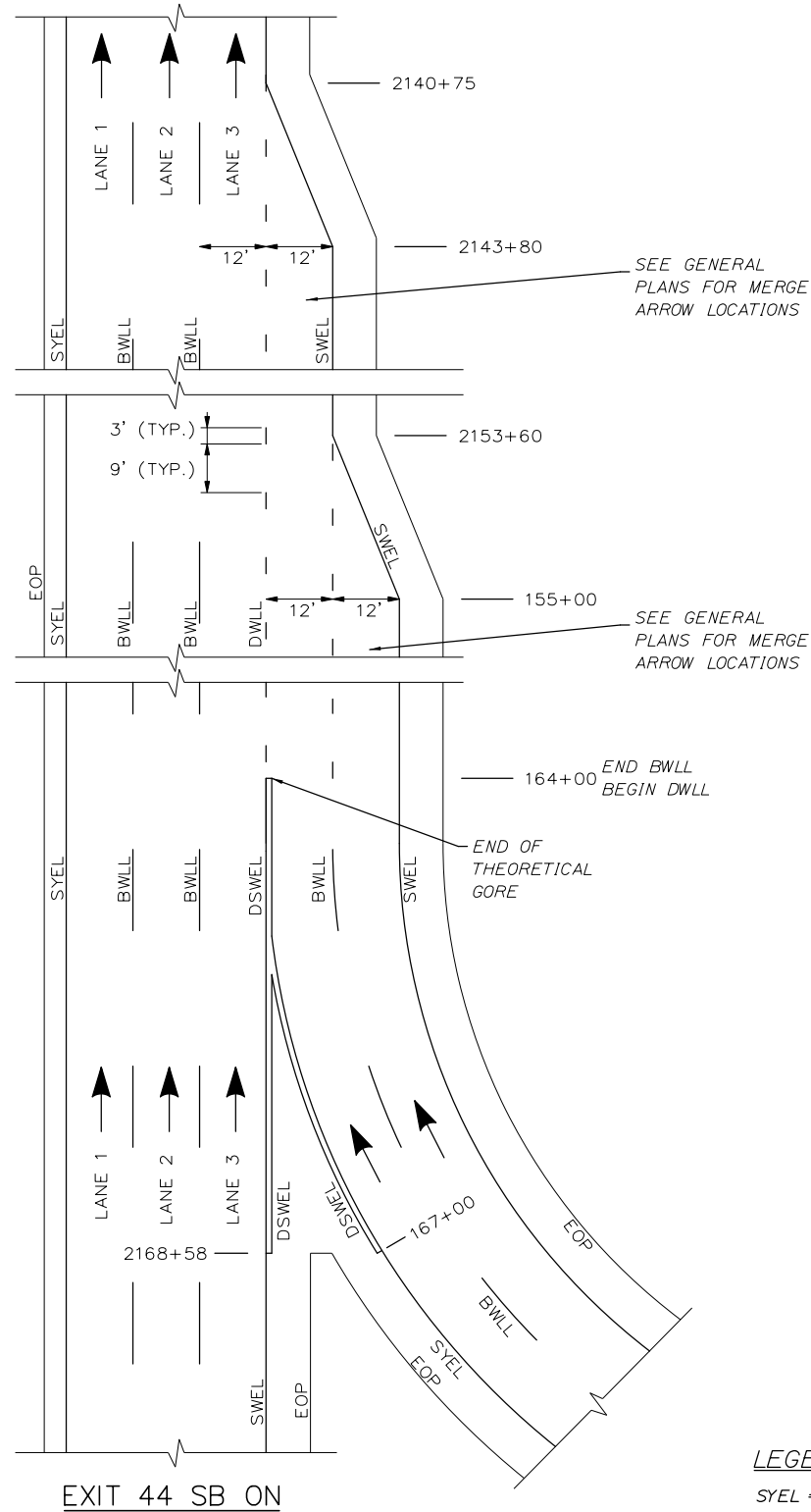
PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

STRIPING DETAILS (1 OF 3)

SHEET NUMBER: DET-07
CONTRACT: 2024.02
12 OF 52

Filename: z_Details.dgn

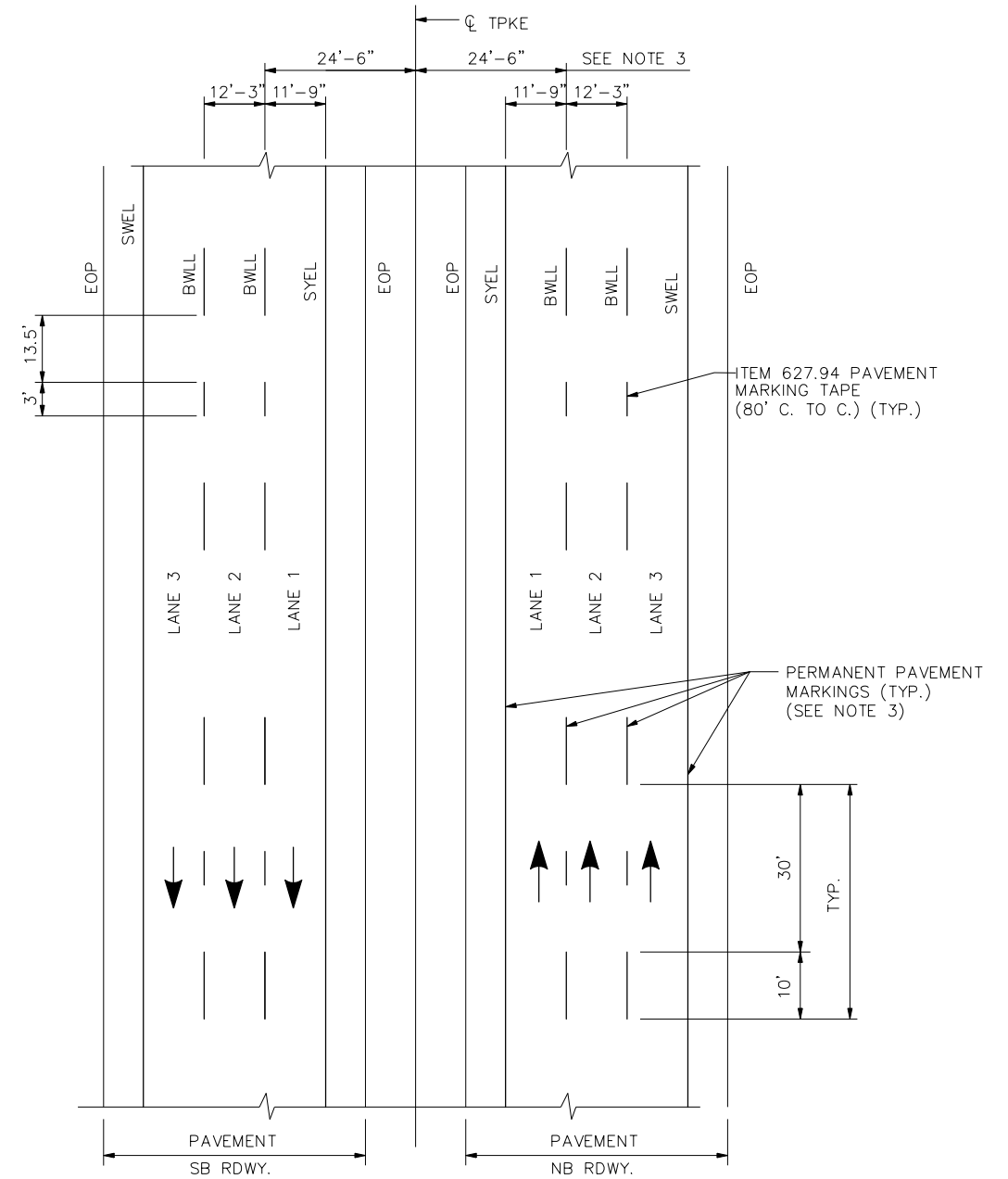
Date: 1/25/2024



NOTES:
SEE NOTES ON PREVIOUS PAGE

LEGEND

- SYEL = SOLID YELLOW EDGE LINE (6" PAINT)
- SWEL = SOLID WHITE EDGE LINE (6" PAINT)
- DSWEL = DOUBLE SOLID WHITE EDGE LINE (12" PAINT)
- BWLL = BROKEN WHITE LANE LINE (6" PAINT)
- EOP = EDGE OF PAVEMENT
- DWLL = DOTTED WHITE LANE LINE



**PERMANENT PAVEMENT MARKINGS
3 LANE RDWY**

NOTES:

1. PERMANENT PAVEMENT MARKINGS SHALL BE 6" WIDE LINES INSTALLED BY THE MTA.
2. PERMANENT PAVEMENT MARKINGS SHALL BE INSTALLED ON THE SOUTHBOUND BARREL.
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: NOT TO SCALE

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	PEM	1\24	Checked	EPR	1\24
Drawn	PEM	1\24	In Charge of	TRC	1\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

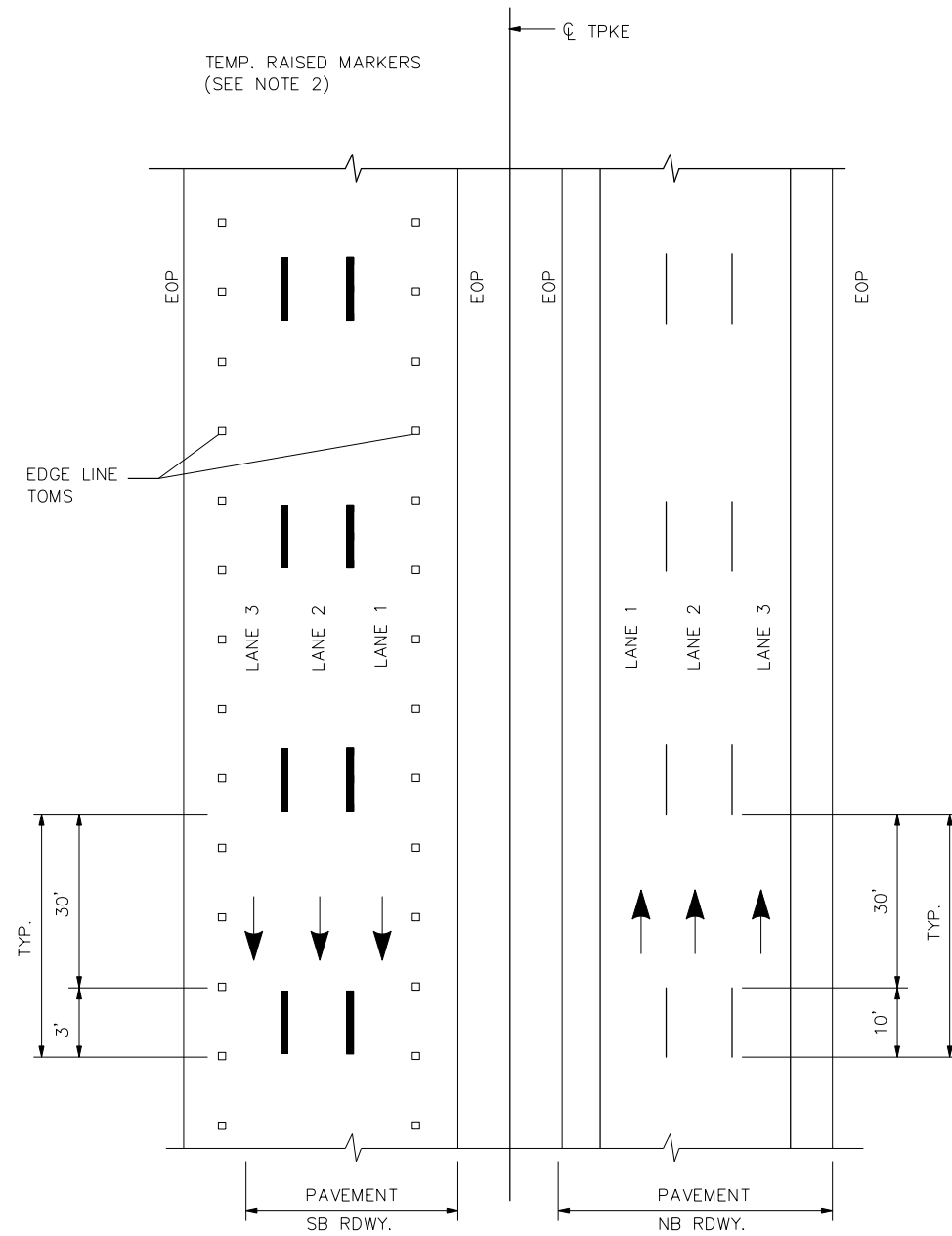
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
STRIPING DETAILS (2 OF 3)

SHEET NUMBER: DET-08
13 OF 52

CONTRACT: 2024.02

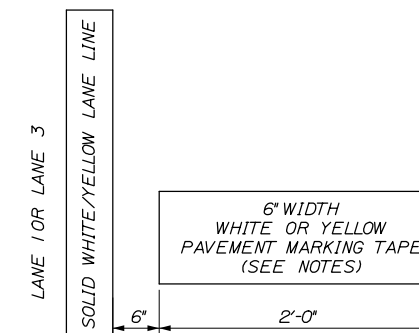
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TEMP. PAVEMENT MARKINGS
3 LANE RDWY

NOTES:

- TEMPORARY PAVEMENT MARKINGS ON MILLED PAVEMENT SHALL BE 6" SOLID WHITE, BROKEN WHITE, AND SOLID YELLOW PAINT LINES.
- 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.



CATCH BASIN MARKING DETAIL

NOTES:

- CATCH BASIN MARKINGS TO BE PLACED ADJACENT TO ALL MEDIAN AND SHOULDER CATCH BASINS.
- PAYMENT SHALL BE MADE UNDER ITEM 627.94 PAVEMENT MARKING TAPE.
- TAPE COLOR SHOULD MATCH THE ADJACENT LANE STRIPING.

Scale: NOT TO SCALE

Designed by:



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THE GOLD STAR
MEMORIAL HIGHWAY

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

STRIPING DETAILS (3 OF 3)

Filename: z_Details.dgn

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	Checked	By	Date
Designed	PEM	1\24	Checked	EPR	1\24
Drawn	PEM	1\24	In Charge of	TRC	1\24

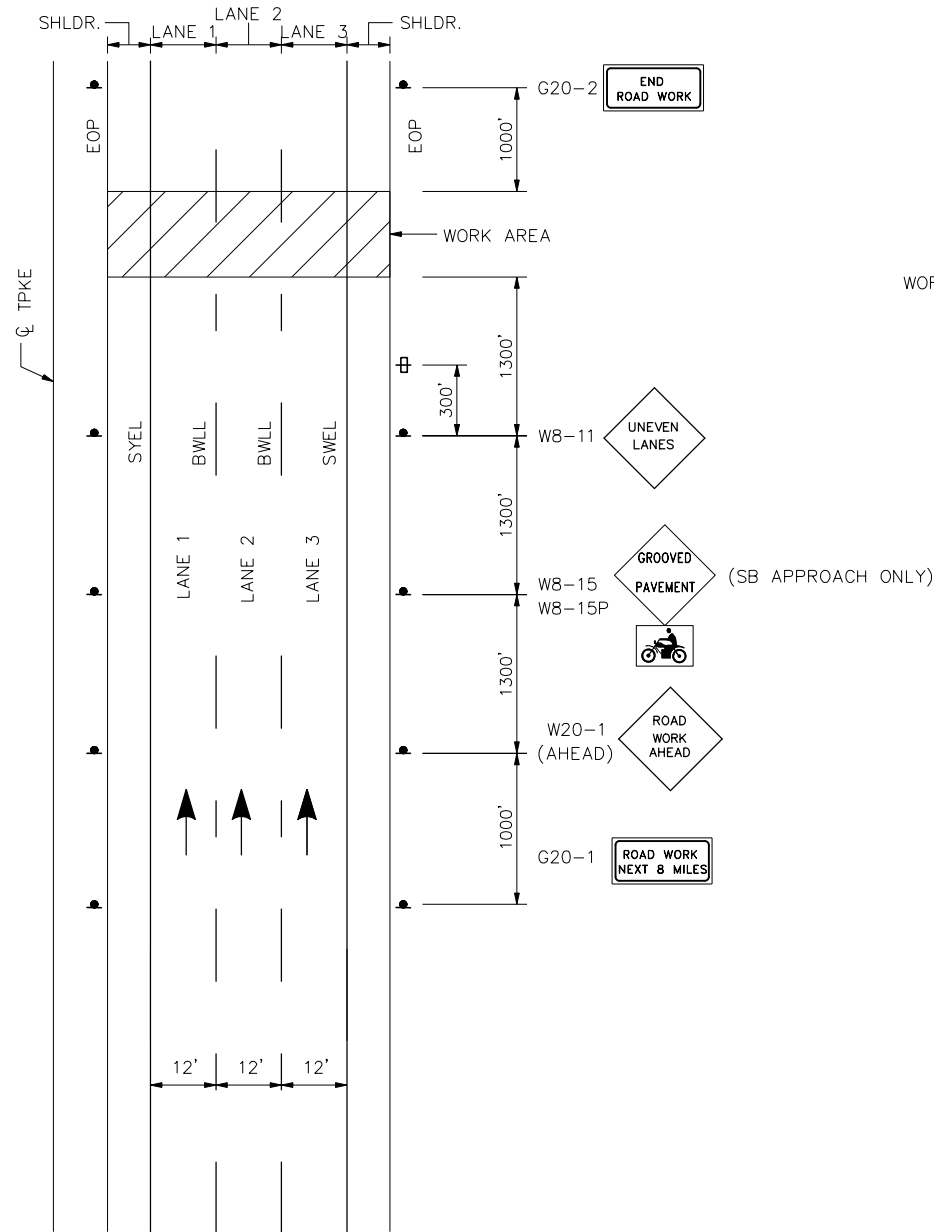
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

CONTRACT: 2024.02

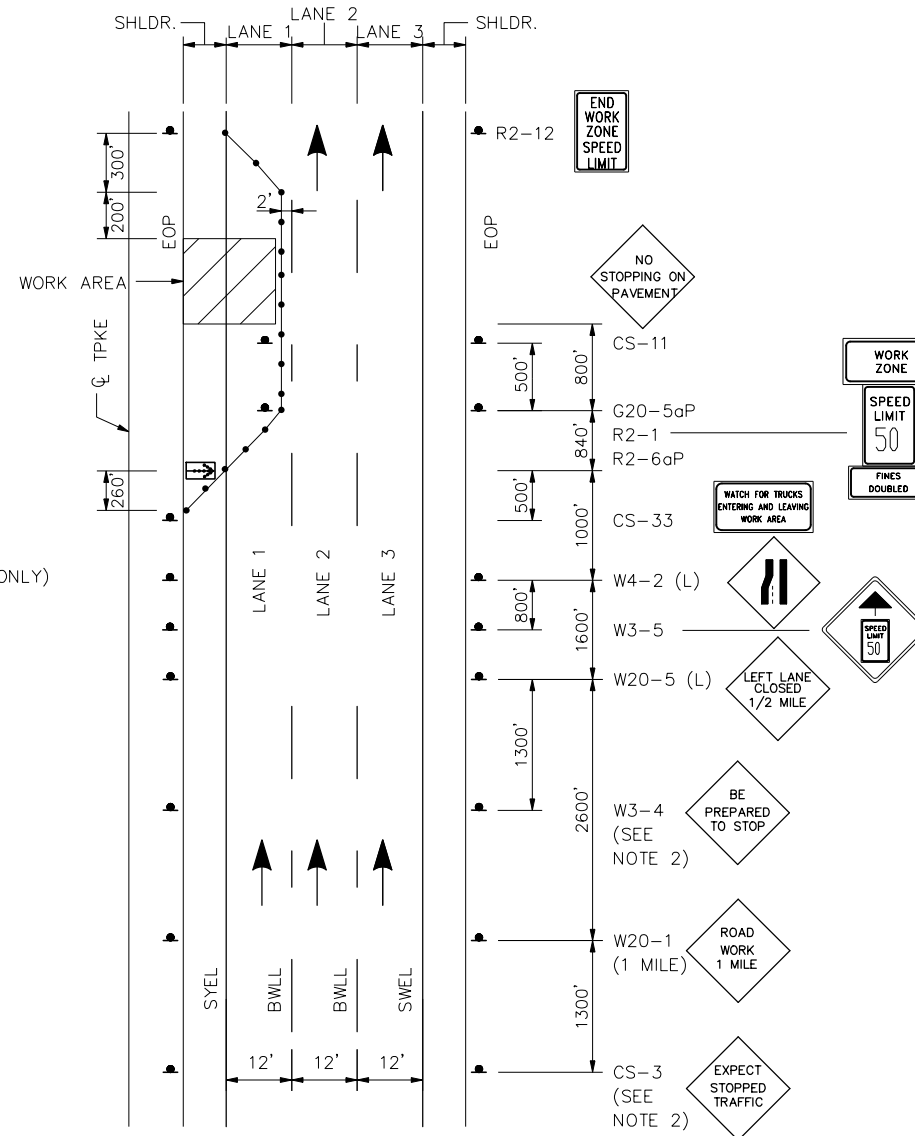
SHEET NUMBER: DET-08

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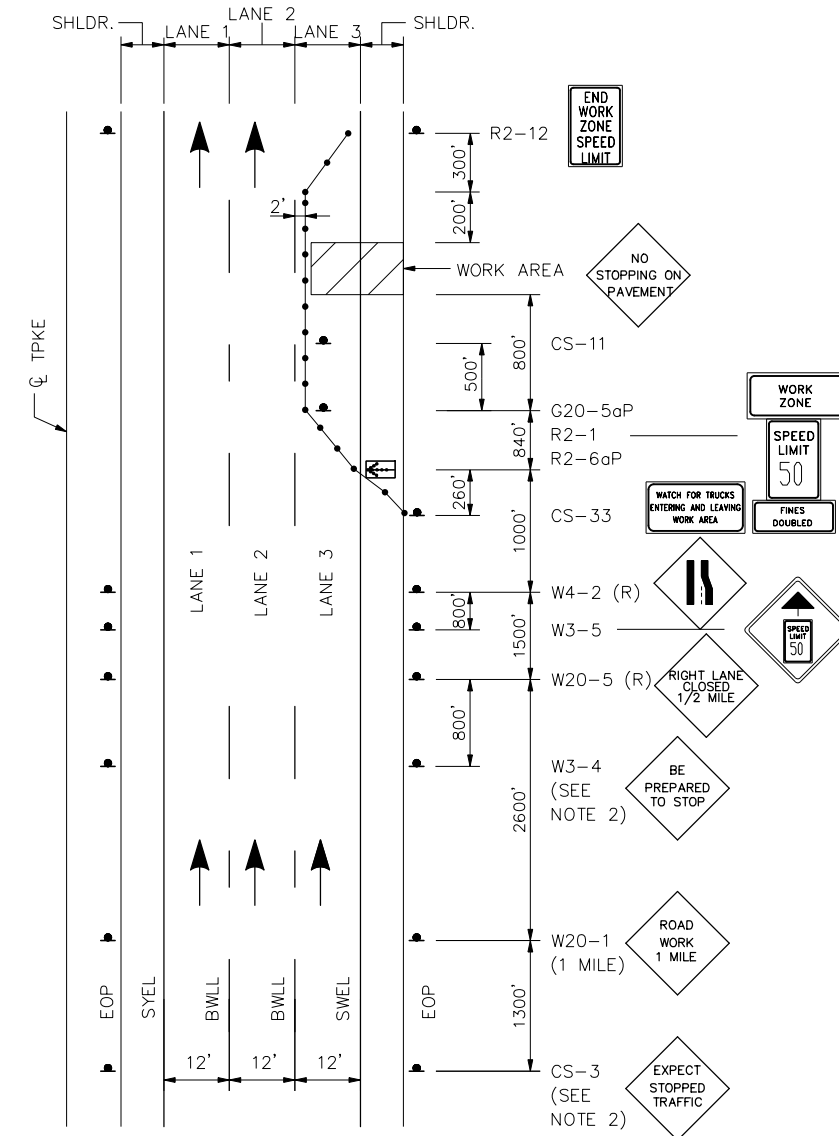
Date: 1/25/2024



MAINLINE
BEGINNING OF WORK SIGNAGE



MAINLINE CLOSURE
WORK IN MEDIAN AND LANE 1



MAINLINE CLOSURE
WORK IN SHOULDER AND LANE 3

NOTES:

- FOR SIGN DETAILS, SEE SIGN SUMMARY SHEET.
- TO BE USED DURING STOPPAGE OF TRAFFIC.

LEGEND

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

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	CET	1\24	Checked	PEM	1\24
Drawn	CET	1\24	In Charge of	TRC	1\24

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

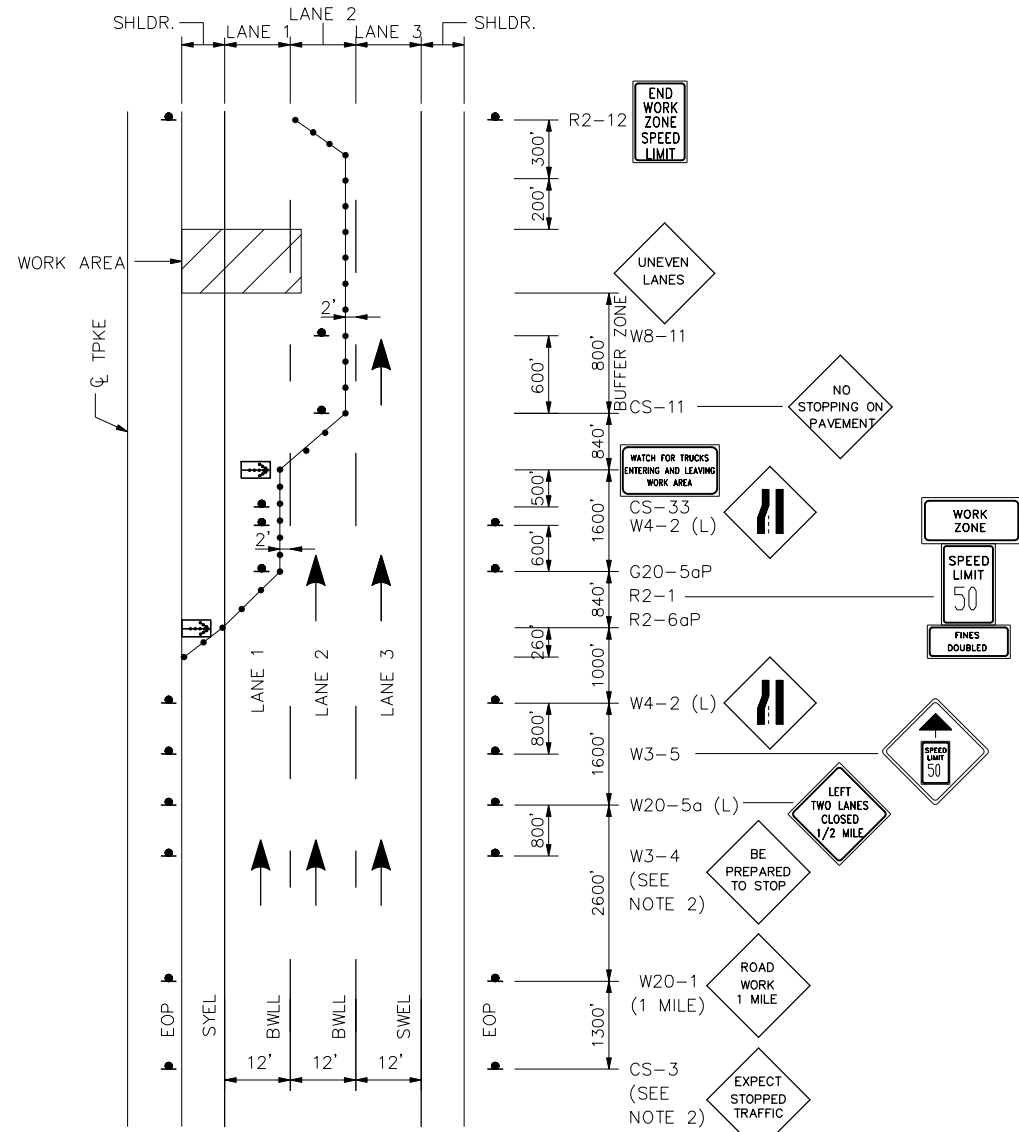
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
TRAFFIC CONTROL MAINLINE CLOSURE
(1 OF 2)

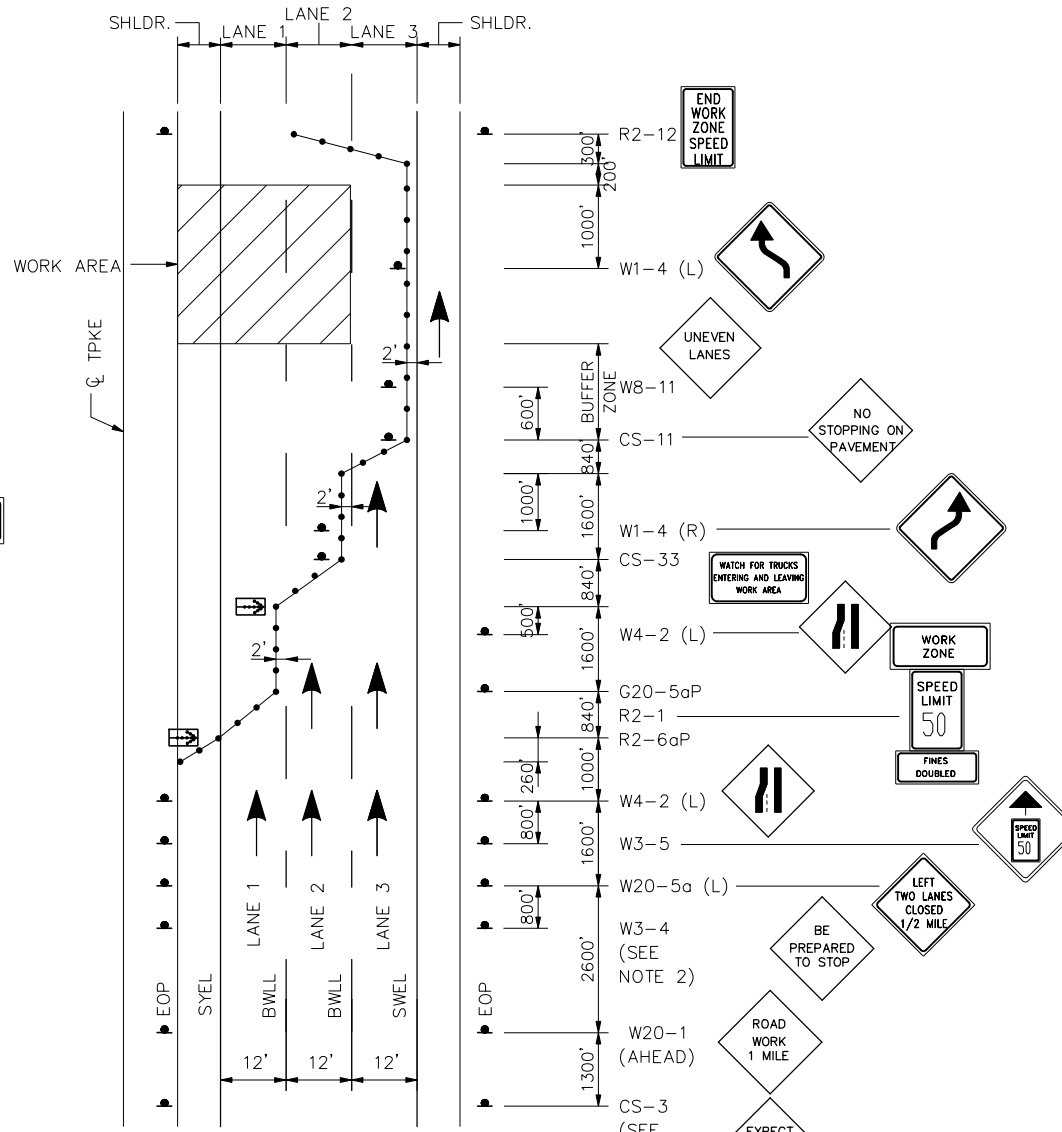
SHEET NUMBER: MOT-01
15 OF 52

CONTRACT: 2024.02

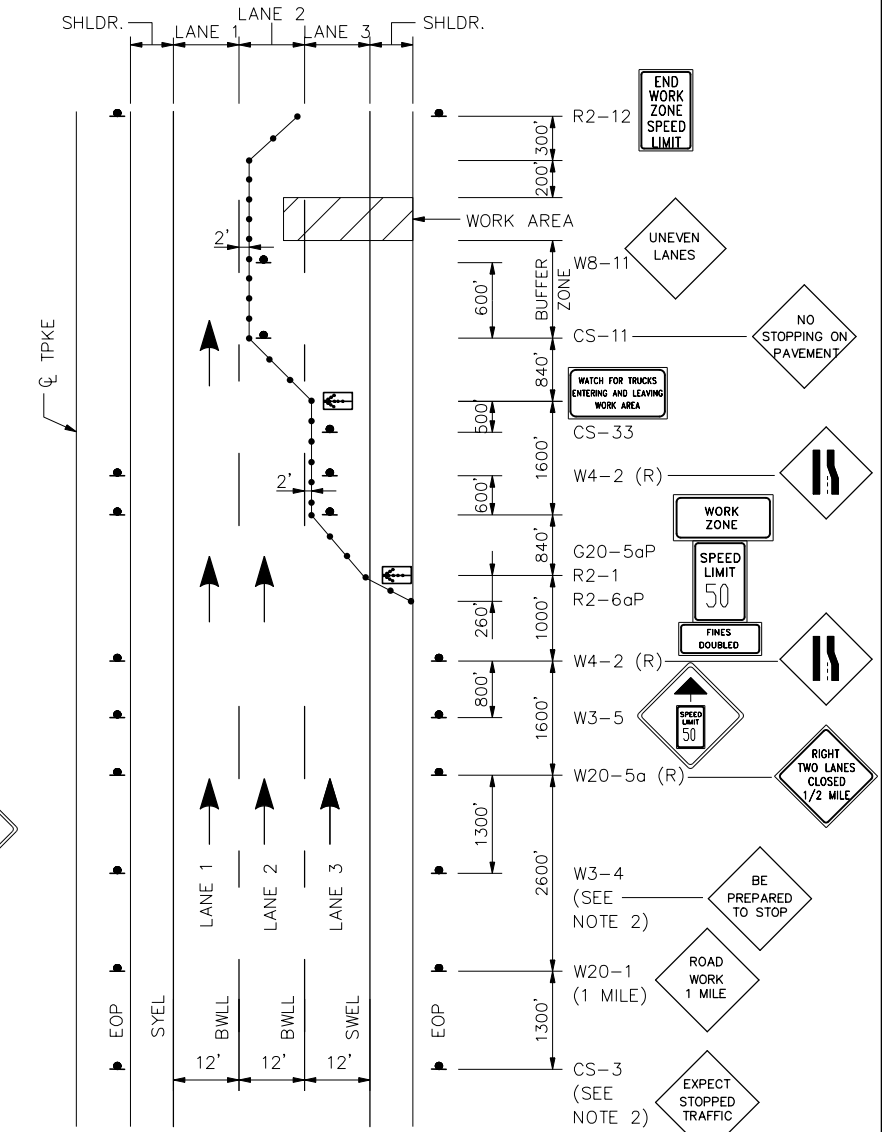
Date: 1/25/2024



MAINLINE CLOSURE
PAVING AND MILLING OPERATION IN LANE 1



MAINLINE CLOSURE
PAVING AND MILLING OPERATIONS LANE 2



MAINLINE CLOSURE
PAVING AND MILLING OPERATIONS LANE 3

NOTES:

- FOR SIGN DETAILS, SEE SIGN SUMMARY SHEET.
- TO BE USED DURING STOPPAGE OF TRAFFIC.

LEGEND

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

Scale: **NOT TO SCALE**

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date	By	Date	
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MAINE TURNPIKE

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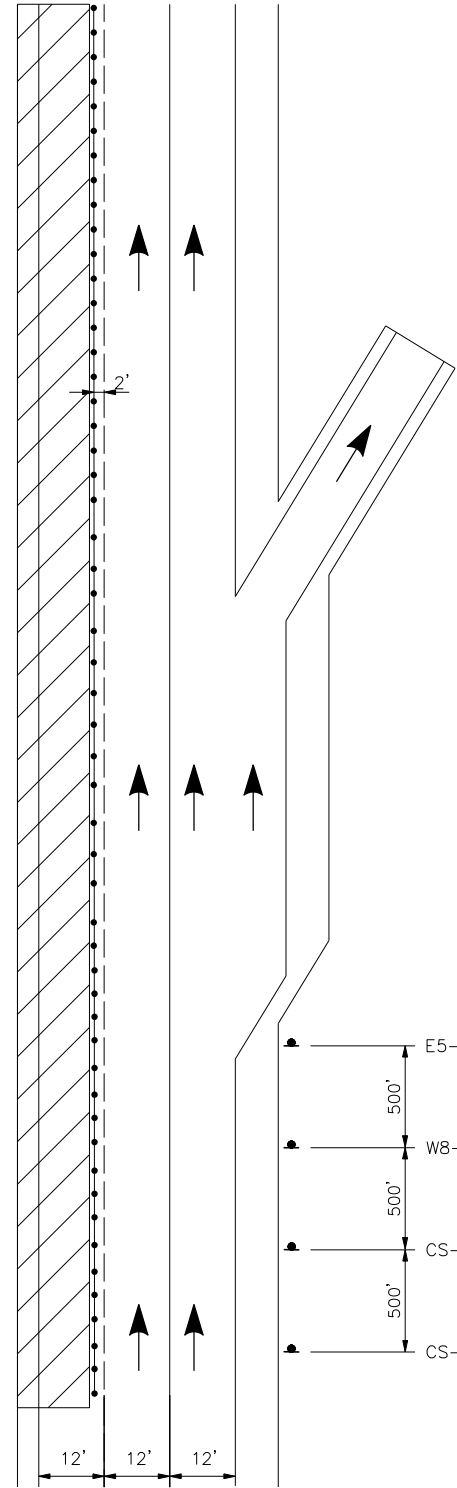
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
TRAFFIC CONTROL MAINLINE CLOSURE
(2 OF 2)

SHEET NUMBER: MOT-02
CONTRACT: 2024.02
16 OF 52

Date: 1/25/2024

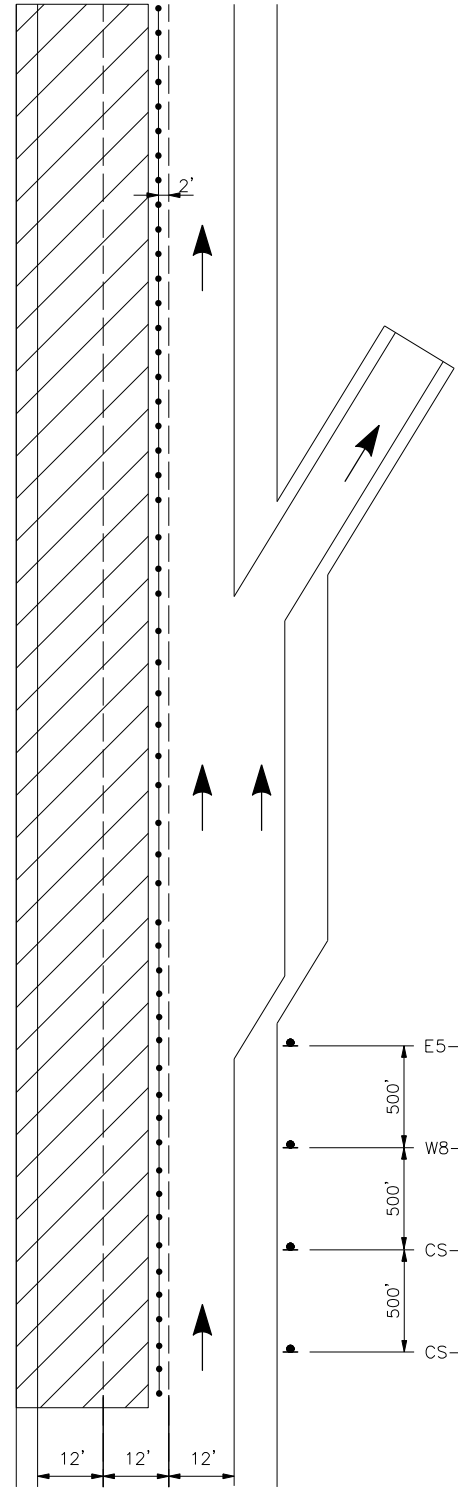
SHLDR. LANE 1 LANE 2 LANE 3 SHLDR.



LANE 1 CLOSED
TRAFFIC IN LANE 2 & 3
EXITING RAMP OPEN

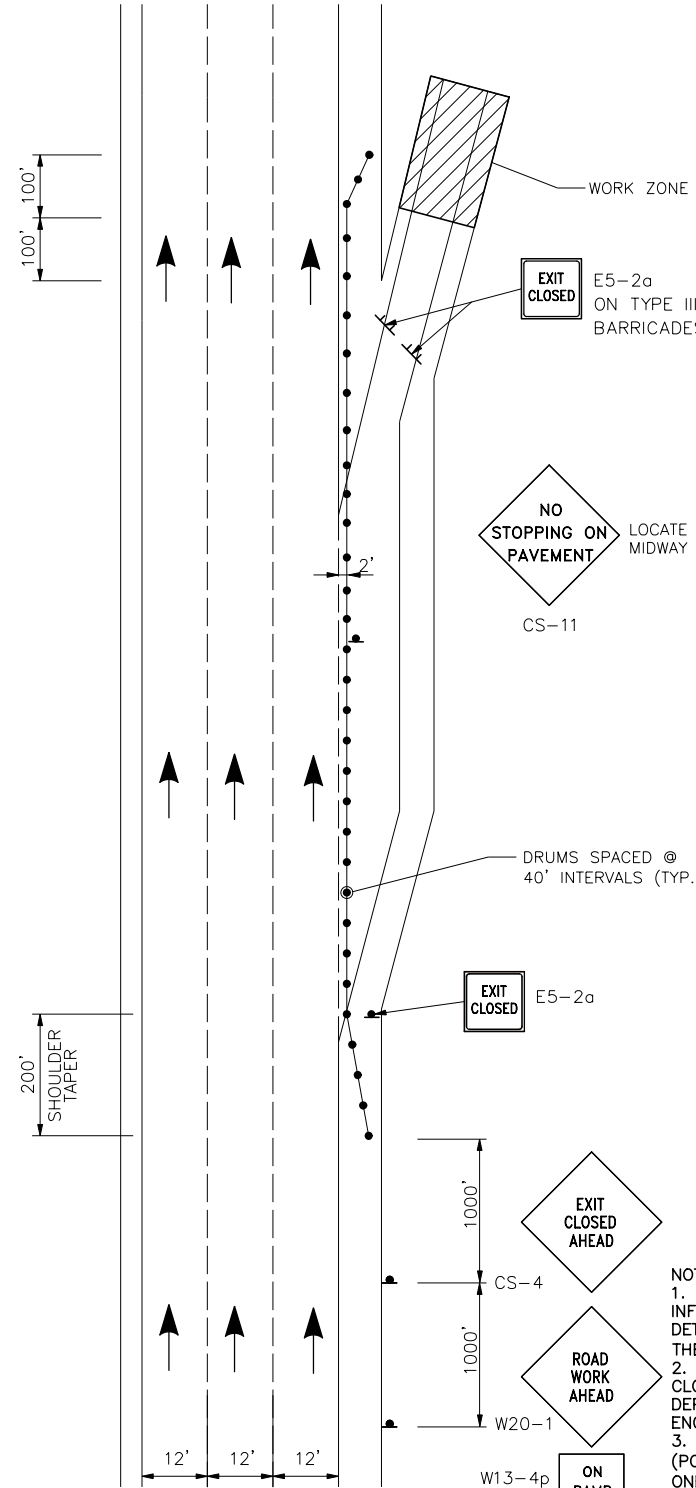
- NOTES:**
- FOR SIGN DETAILS, SEE SIGN SUMMARY SHEET.
 - LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
 - ALL M.O.T. DEVICES AND LOCATIONS NOT NOTED ON THIS SHEET SHALL BE AS NOTED ON "TRAFFIC CONTROL MAINLINE CLOSURE".

SHLDR. LANE 1 LANE 2 LANE 3 SHLDR.



LANE 1 & 2 CLOSED
TRAFFIC IN LANE 3
EXITING RAMP OPEN

SHLDR. LANE 1 LANE 2 LANE 3 SHLDR.



EXIT RAMP CLOSED

- LEGEND**
- ▨ = WORK AREA
 - ▲ = CONSTRUCTION SIGN
 - = DRUM
 - 80' INTERVALS ON TANGENTS
40' INTERVALS ON TAPERS
 - ⊕ = PORTABLE - CHANGEABLE MESSAGE SIGN
 - ⊞ = FLASHING ARROW BOARD

- PCMS (1 WEEK PRIOR TO CLOSURE)
- SCREEN 1: I-95 XX EXIT XX TO CLOSE
 - SCREEN 2: XX/XX TO XX/XX
- PCMS (DURING CLOSURE)
- SCREEN 1: I-95 XX EXIT XX CLOSED
 - SCREEN 2: XX/XX TO XX/XX

- NOTES:**
- STANDARD MESSAGES PROVIDED FOR INFORMATION. USE OF MESSAGES SHALL BE DETERMINED PER CLOSURE AND SETUP ON THE APPROPRIATE PCMS'S ACCORDINGLY.
 - EXCEPT FOR EMERGENCIES, RAMP CLOSURES SHALL BE COORDINATED WITH DEPARTMENT DIRECTOR OR ASSIGNED MTA ENGINEER.
 - A PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) SHALL BE SET UP APPROXIMATELY ONE (1) MILE BEFORE THE RAMP TO BE CLOSED.

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	CET	1\24	Checked	PEM	1\24
Drawn	CET	1\24	In Charge of	TRC	1\24

HNTB CORPORATION
82 Running Hill Road, Suite 201
South Portland, ME 04106
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FAX (207) 228-0909

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

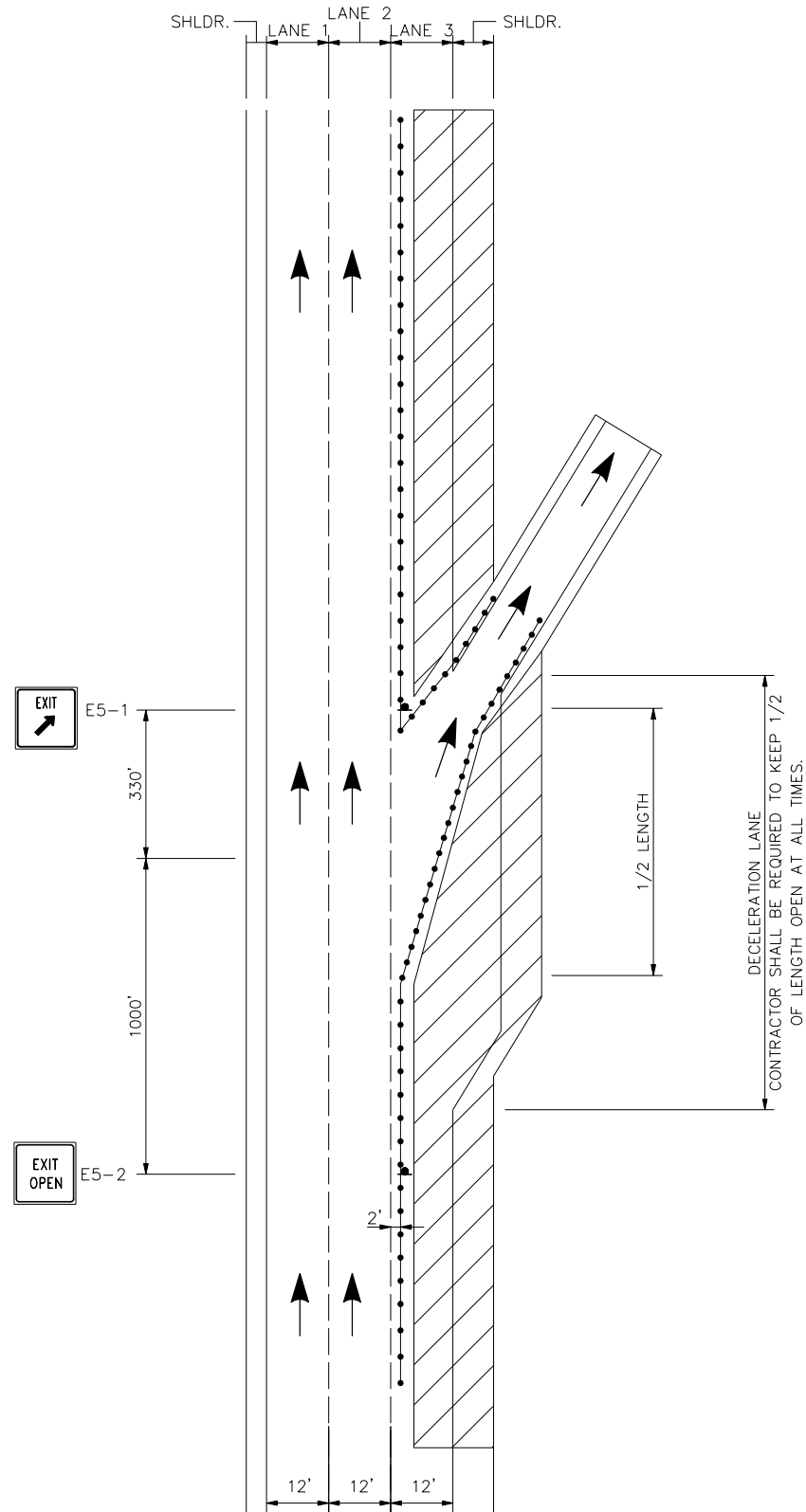
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
TRAFFIC CONTROL AT EXIT RAMP
(1 OF 2)

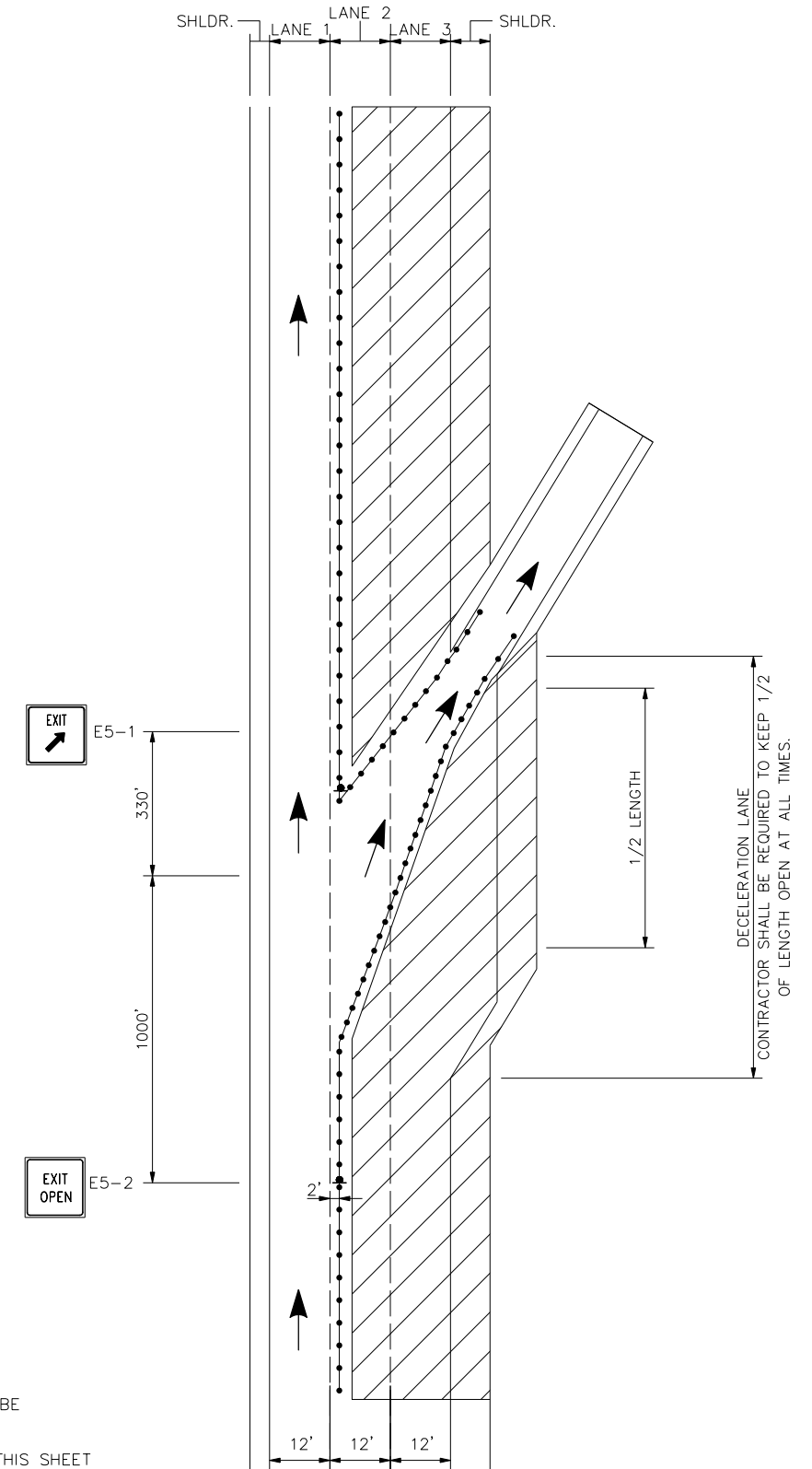
CONTRACT: 2024.02

SHEET NUMBER: MOT-03
17 OF 52

Date: 1/25/2024



LANE 3 CLOSED
TRAFFIC IN LANE 1 & 2
EXITING RAMP OPEN



LANE 2 & 3 CLOSED
TRAFFIC IN LANE 1
EXITING RAMP OPEN

NOTES:

- FOR SIGN DETAILS, SEE SIGN SUMMARY SHEET.
- LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
- ALL M.O.T. DEVICES AND LOCATIONS NOT NOTED ON THIS SHEET SHALL BE AS NOTED ON "TRAFFIC CONTROL MAINLINE CLOSURE".
- CONTRACTOR SHALL RELOCATE CONSTRUCTION SIGNS AS DIRECTED BY THE RESIDENT.
- ALL STOP AND YIELD SIGNS SHALL BE MOUNTED 5' ABOVE THE PAVEMENT.

LEGEND

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

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	CET	1\24	Checked	PEM	1\24
Drawn	CET	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

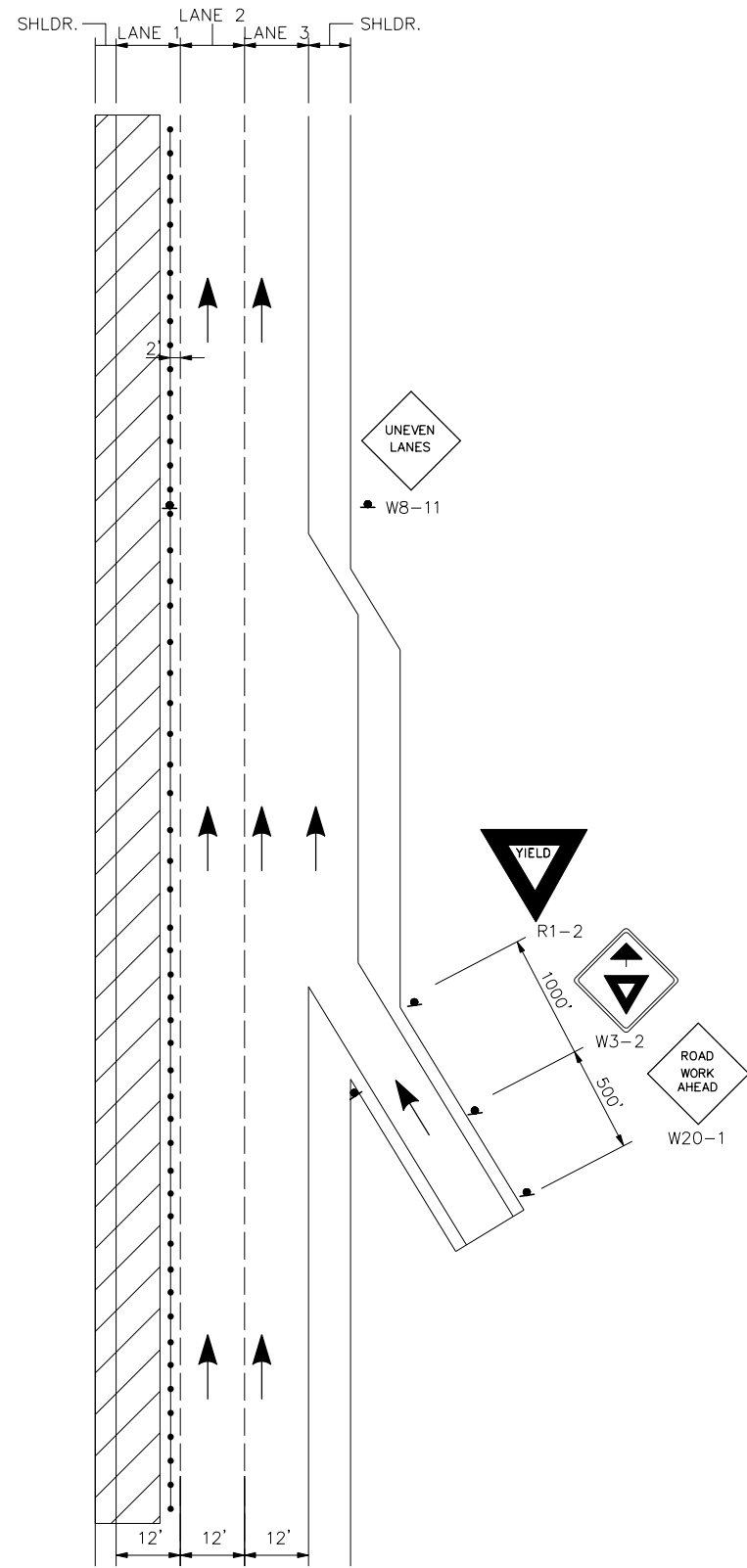
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
TRAFFIC CONTROL AT EXIT RAMP
(2 OF 2)

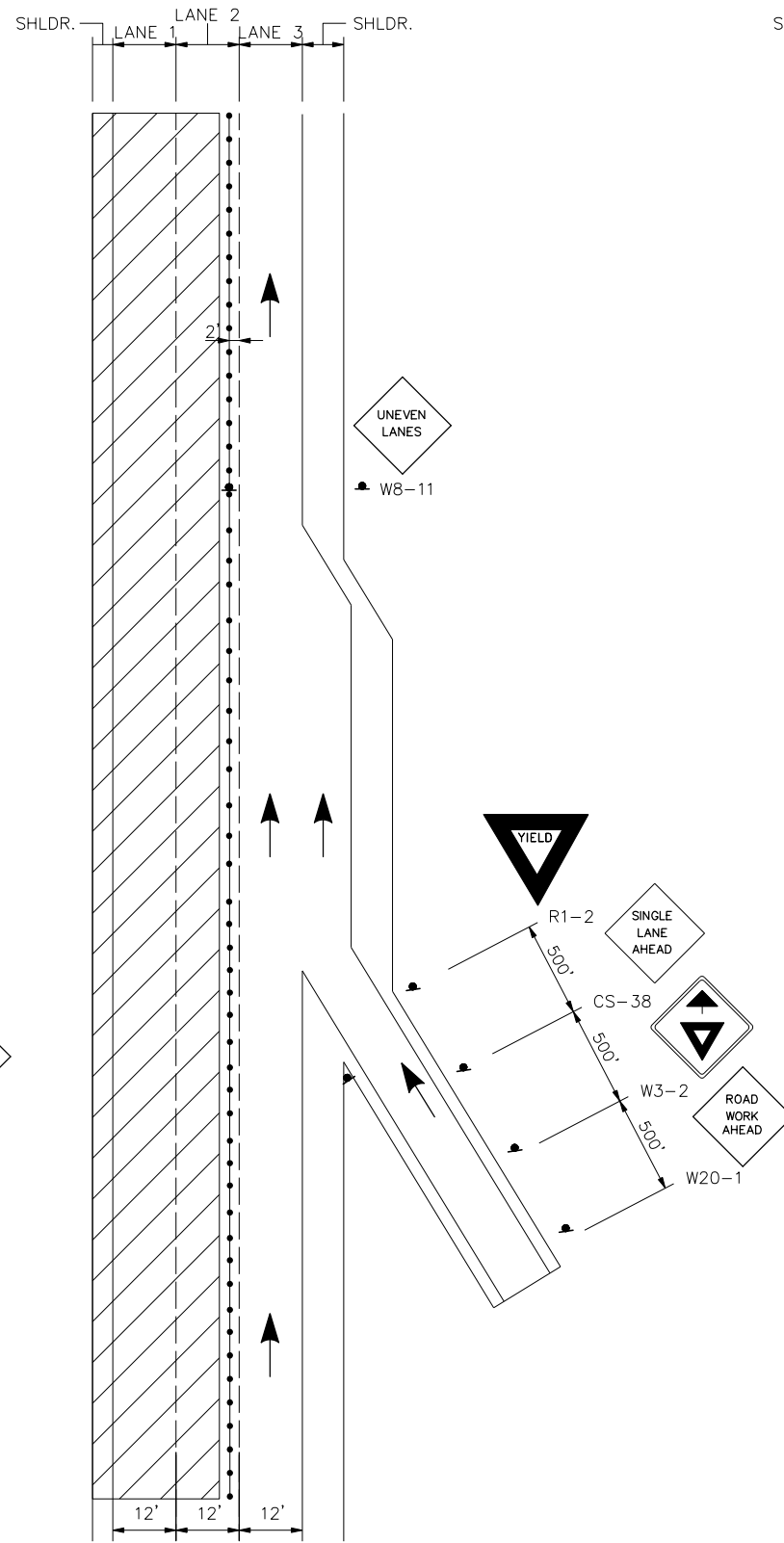
SHEET NUMBER: MOT-04
CONTRACT: 2024.02
18 OF 52

Filename: z_Details.dgn

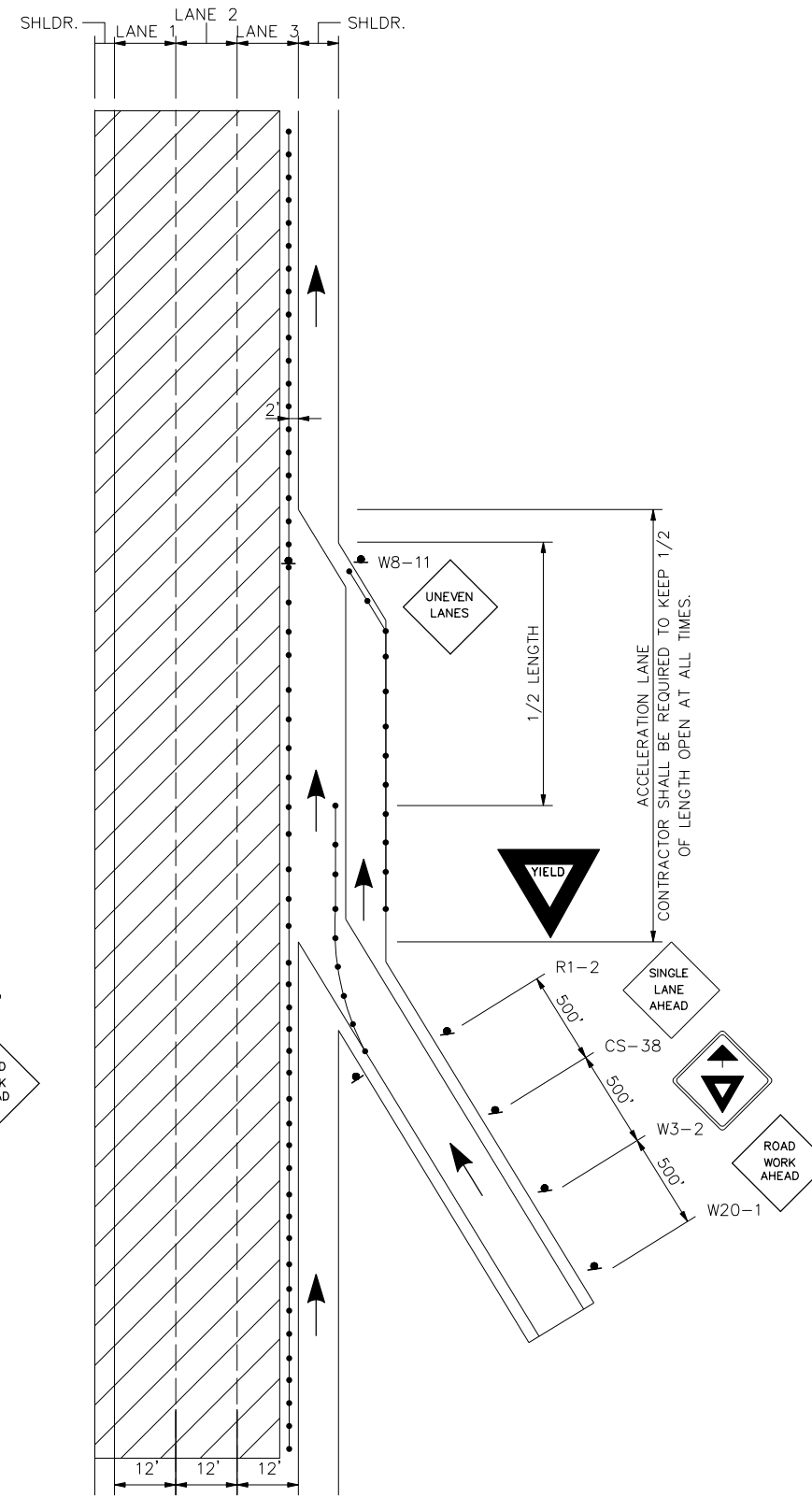
Date: 1/25/2024



LANE 1 CLOSED
TRAFFIC IN LANE 2 & 3
ENTERING RAMP OPEN



LANE 1 & 2 CLOSED
TRAFFIC IN LANE 3
ENTERING RAMP OPEN



LANE 1, 2, & 3 CLOSED
TRAFFIC IN SHOULDER
ENTERING RAMP OPEN

NOTES:

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEET.
2. LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
3. ALL M.O.T. DEVICES AND LOCATIONS NOT NOTED ON THIS SHEET SHALL BE AS NOTED ON "TRAFFIC CONTROL MAINLINE CLOSURE".
4. CONTRACTOR SHALL RELOCATE CONSTRUCTION SIGNS AS DIRECTED BY THE RESIDENT.
5. ALL STOP AND YIELD SIGNS SHALL BE MOUNTED 5' ABOVE THE PAVEMENT.

LEGEND

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

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	CET	1\24	Checked	PEM	1\24
Drawn	CET	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

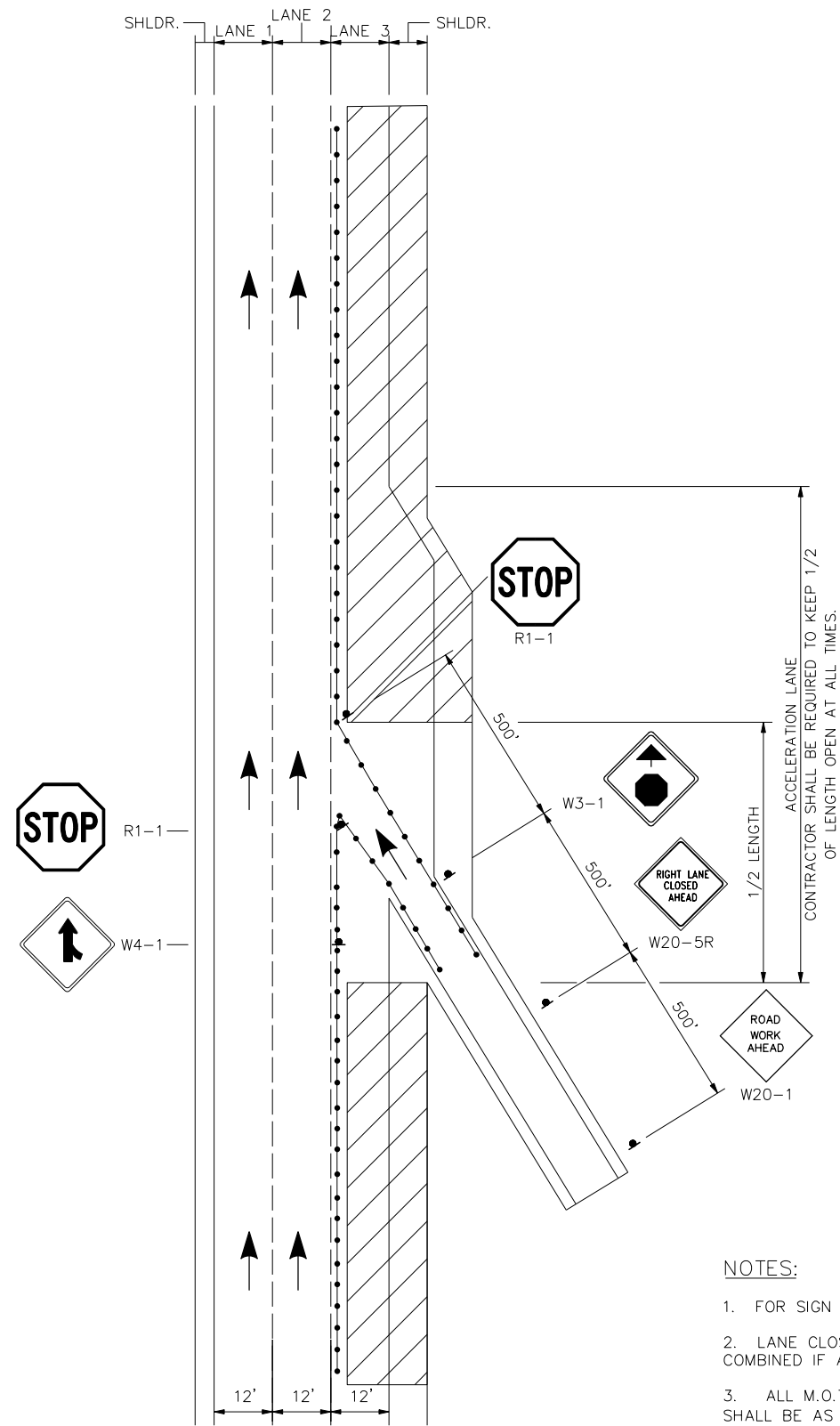
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
TRAFFIC CONTROL AT ENTRANCE RAMP
(1 OF 2)

SHEET NUMBER: MOT-05
CONTRACT: 2024.02
19 OF 52

Filename: z_Details.dgn

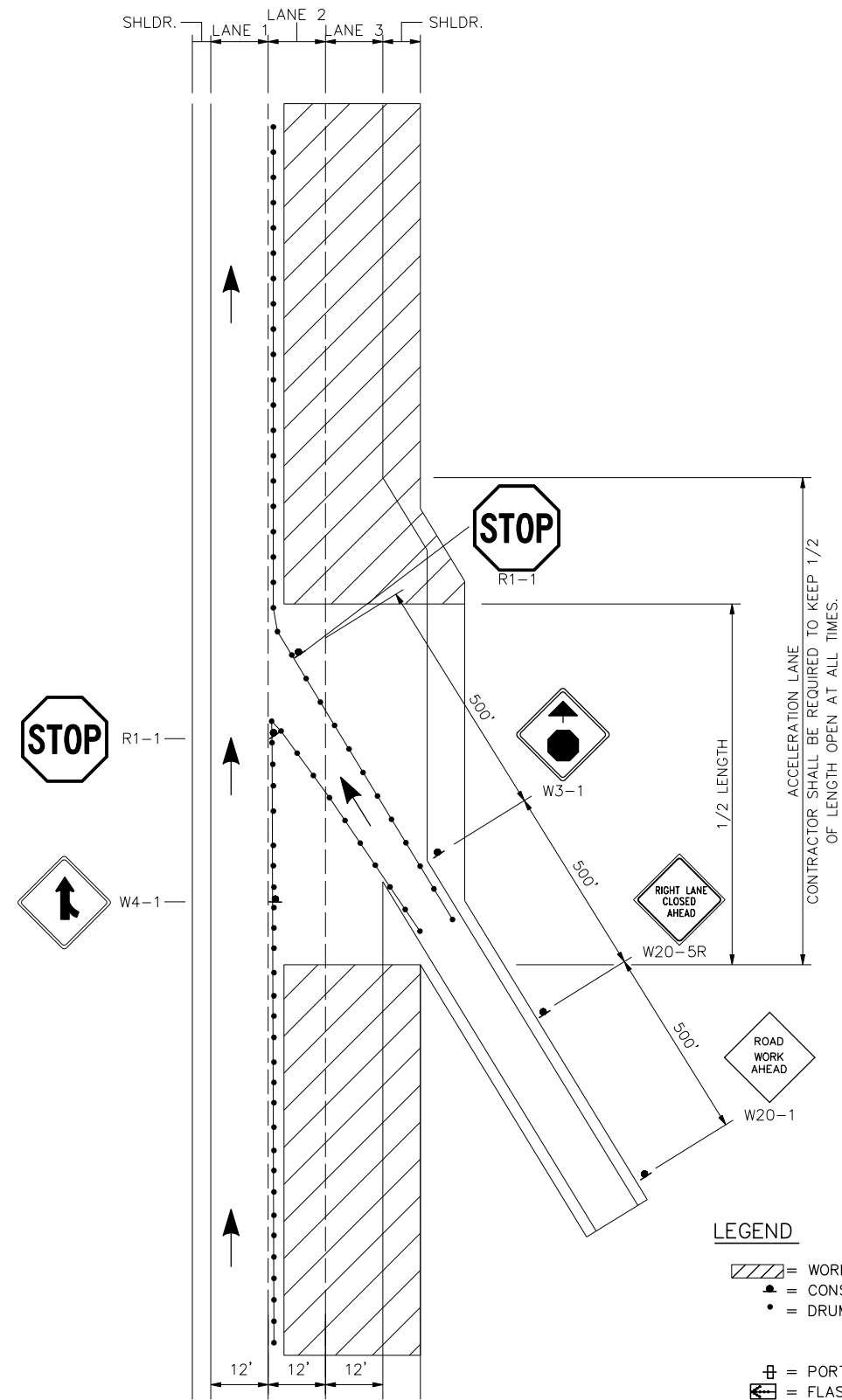
Date: 1/25/2024



LANE 3 CLOSED
TRAFFIC IN LANE 1 & 2
ENTERING RAMP OPEN

NOTES:

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEET.
2. LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
3. ALL M.O.T. DEVICES AND LOCATIONS NOT NOTED ON THIS SHEET SHALL BE AS NOTED ON "TRAFFIC CONTROL MAINLINE CLOSURE".
4. CONTRACTOR SHALL RELOCATE CONSTRUCTION SIGNS AS DIRECTED BY THE RESIDENT.
5. ALL STOP AND YIELD SIGNS SHALL BE MOUNTED 5' ABOVE THE PAVEMENT.



LANE 2 & 3 CLOSED
TRAFFIC IN LANE 1
ENTERING RAMP OPEN

LEGEND

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

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
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Drawn	CET	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

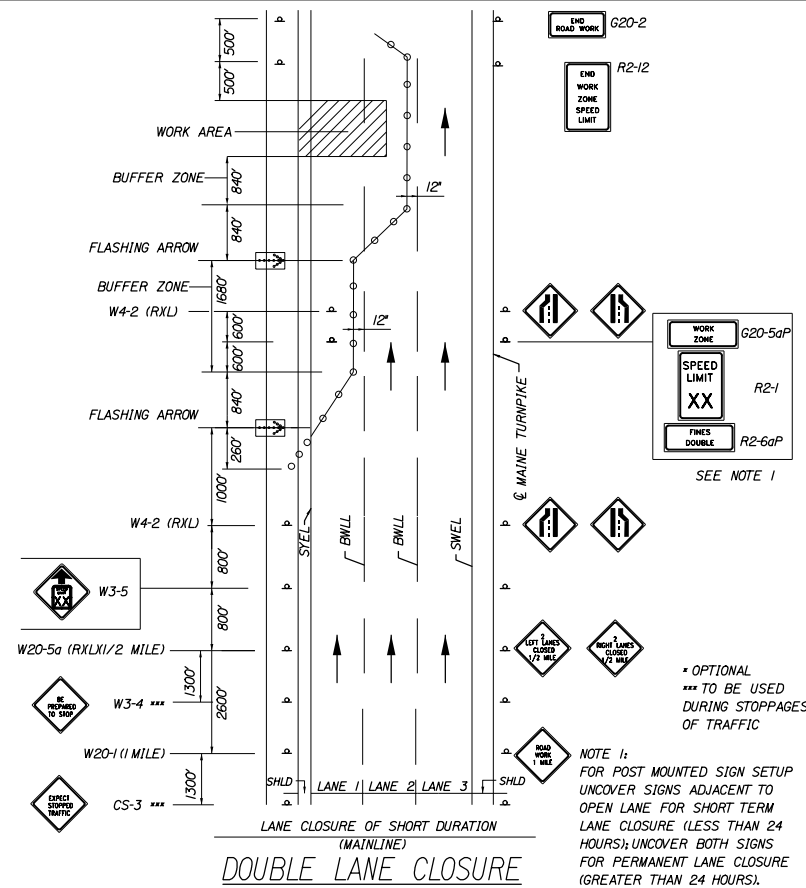
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
TRAFFIC CONTROL AT ENTRANCE RAMPS
(2 OF 2)

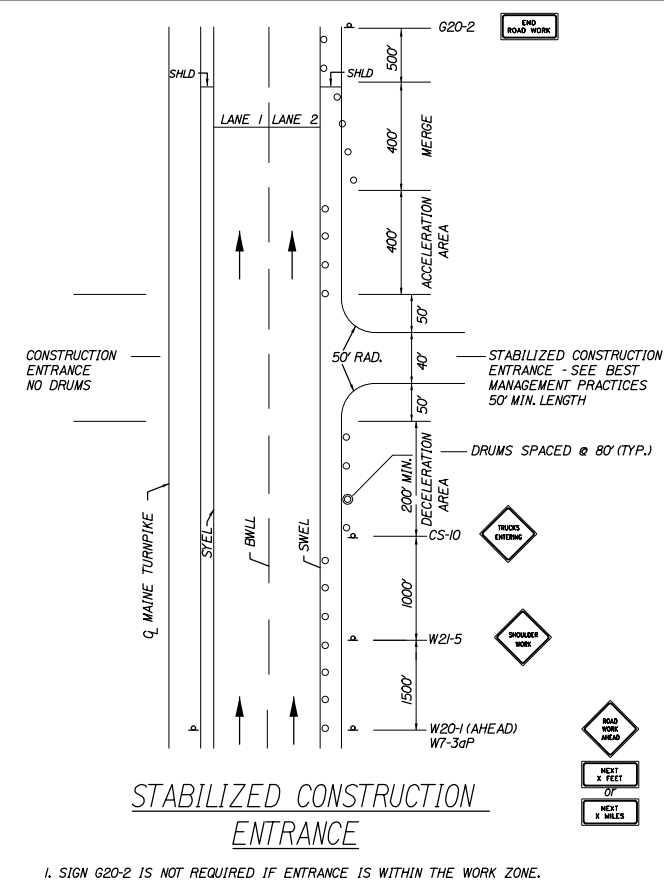
SHEET NUMBER: MOT-06
CONTRACT: 2024.02
20 OF 52

Filename: z_Details.dgn

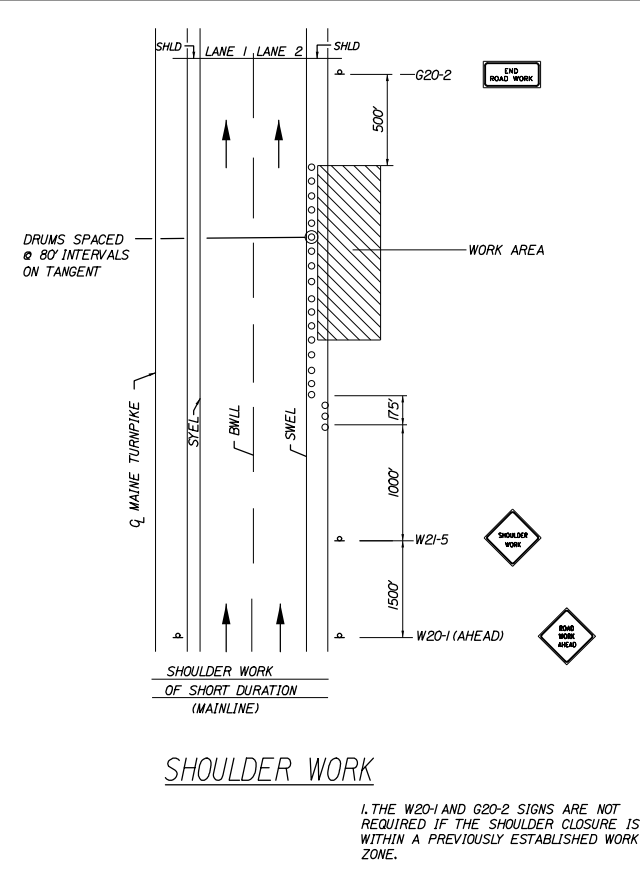
Date: 1/25/2024



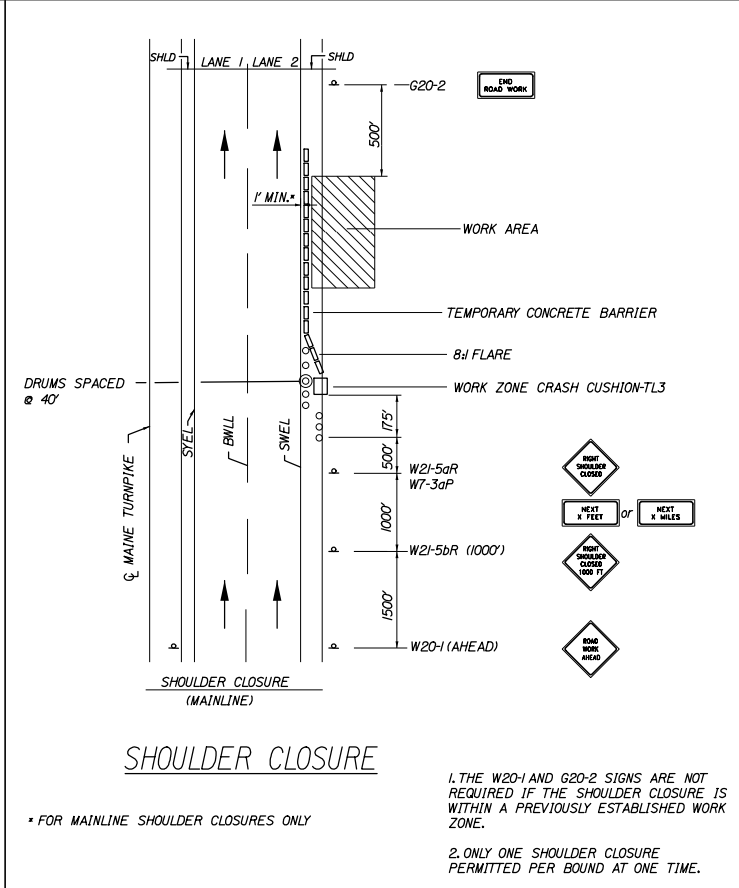
DOUBLE LANE CLOSURE



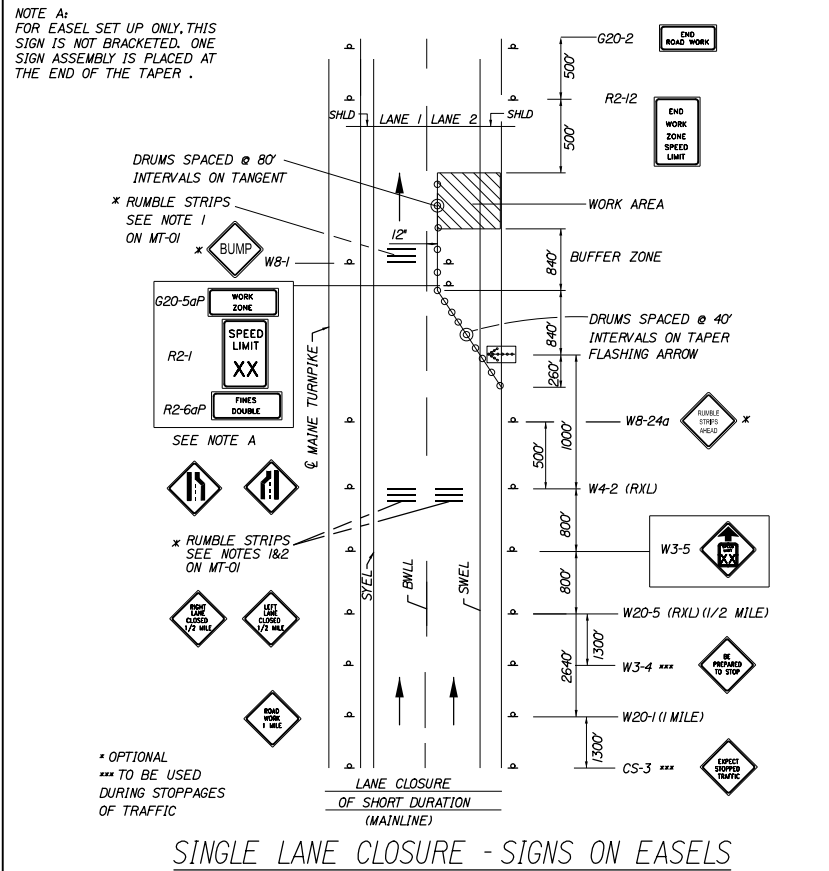
STABILIZED CONSTRUCTION ENTRANCE



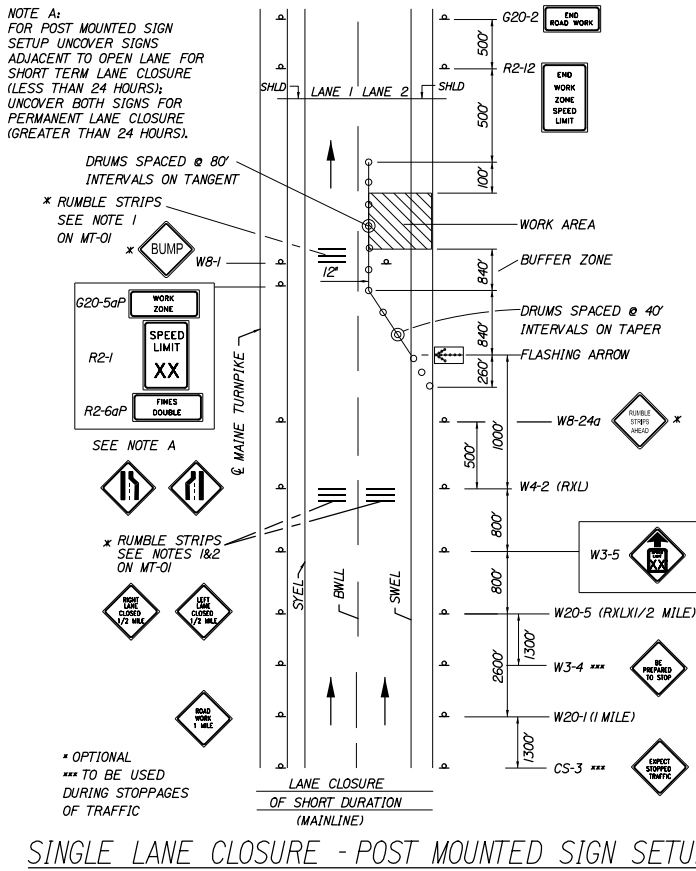
SHOULDER WORK



SHOULDER CLOSURE



SINGLE LANE CLOSURE - SIGNS ON EASELS



SINGLE LANE CLOSURE - POST MOUNTED SIGN SETUP

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

- ABBREVIATIONS FOR ALL M.O.T. PLANS**
- BWLL = BROKEN WHITE LANE LINE
 - SWEL = SOLID WHITE EDGE LINE
 - SYEL = SOLID YELLOW EDGE LINE
 - TBWLL = TEMPORARY BROKEN WHITE LANE LINE
 - TSWLL = TEMPORARY SOLID WHITE LANE LINE
 - TSYLL = TEMPORARY SOLID YELLOW LANE LINE

- TEMPORARY RUMBLE STRIP NOTES**
- IF RUMBLE STRIPS ARE USED THEY SHALL BE PLACED IN ONE OF THE FOLLOWING CONFIGURATIONS:
 - ADJACENT TO THE WORK ZONE (1 UNIT)
 - UPSTREAM FROM THE TAPER FOR THE WORKZONE (2 UNITS)
 - BOTH ADJACENT TO THE WORKZONE AND PRIOR TO THE TAPER (3 UNITS)
 - RUMBLE STRIPS MAY BE PLACED UPSTREAM OF THE TAPER BETWEEN THE W3-5 SIGNS AND THE W4-2 SIGNS. IF RUMBLE STRIPS ARE INSTALLED PRIOR TO TAPER, W8-1 SIGNS SHALL BE PLACED ADJACENT TO THE FIRST STRIP AND THE W8-24a SIGNS SHALL BE MOVED TO 400' AFTER THE W20-5 SIGNS.

Scale: NOT TO SCALE

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	PEM	1\24	Checked	EPR	1\24
Drawn	EKK	1\24	In Charge of	TRC	1\24

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MAINE TURNPIKE





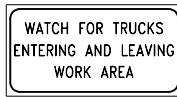




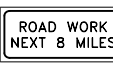
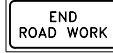
THE GOLD STAR MEMORIAL HIGHWAY






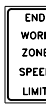




MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3
 MAINTENANCE OF TRAFFIC
 DETAILS

SHEET NUMBER: MOT-07
 CONTRACT: 2024.02
 21 OF 52

Filename: z_Details.dgn

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"		2	ORANGE	BLACK		16.00 (32)
CS-4	48"	48"		6" 6" 6"	4" 4"		3	ORANGE	BLACK		16.00 (48)
CS-11	48"	48"		6" 6" 6"	4" 4"		4	ORANGE	BLACK		16.00 (64)
CS-19	48"	48"		6" 6" 6"	4" 4"		3	ORANGE	BLACK		16.00 (48)
CS-33	96"	36"		6" 6" 6"	4" 4"		1	ORANGE	BLACK		24.00 (24)
CS-38	48"	48"		6" 6" 6"	4" 4"		3	ORANGE	BLACK		16.00 (48)
E5-1	72"	60"		TEXT DIMENSIONS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			3	GREEN	WHITE		30.00 (90)
E5-2	60"	48"					3	ORANGE	BLACK		20.00 (60)
E5-2a	60"	48"					9	ORANGE	BLACK		20.00 (180)
G20-1	48"	24"					2	ORANGE	BLACK		8.00 (16)
G20-2	48"	24"					2	ORANGE	BLACK		8.00 (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		
G20-5aP	48"	24"		TEXT DIMENSIONS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			6	ORANGE	BLACK		8.00 (48)
R1-1	48"	48"					6	COLORS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			16.00 (96)
R1-2	60"	60"					6				12.50 (75)
R2-1 (50)	48"	60"					6				20.00 (120)
R2-6aP	48"	24"					6				8.00 (48)
R2-12	36"	54"					2				13.50 (27)
W1-4 (L)	48"	48"					1	ORANGE	BLACK		16.00 (16)
W1-4 (R)	48"	48"					1	ORANGE	BLACK		16.00 (16)
W1-4b(L)	48"	48"					1	ORANGE	BLACK		16.00 (16)
W1-4b(R)	48"	48"					1	ORANGE	BLACK		16.00 (16)

Filename: z_sign_summary.dgn

Scale: *NOT TO SCALE*

No.	Revision	By	Date


Designed by:

HNTB

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South Portland, ME 04106
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CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.			
By	Date	By	Date
Designed	CET 1\24	Checked	PEM 1\24
Drawn	CET 1\24	In Charge of	TRC 1\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
MAINTENANCE OF TRAFFIC
SIGN SUMMARY 1 OF 2

SHEET NUMBER: MOT-08
CONTRACT: 2024.02
22 OF 52

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		
W3-1	48"	48"		TEXT DIMENSIONS SHALL CONFORM TO "2004 EDITION - STANDARD HIGHWAY SIGNS - 2012 SUPPLEMENT"			3	ORANGE	BLACK		16.00 (48)
W3-2	48"	48"					3	ORANGE	BLACK		16.00 (48)
W3-4	48"	48"					3	ORANGE	BLACK		16.00 (48)
W3-5 (50)	48"	48"					2	ORANGE	BLACK		16.00 (32)
W4-1	48"	48"					3	ORANGE	BLACK		16.00 (48)
W4-2 (L)	48"	48"					4	ORANGE	BLACK		16.00 (64)
W4-2 (R)	48"	48"					4	ORANGE	BLACK		16.00 (64)
WB-11	48"	48"					6	ORANGE	BLACK		16.00 (96)

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"			2	ORANGE	BLACK		16.00 (32)
W8-15P	24"	24"					2	ORANGE	BLACK		4.00 (8)
W13-4P	36"	36"					2	ORANGE	BLACK		9.00 (18)
W20-1	48"	48"					5	ORANGE	BLACK		16.00 (80)
W20-5(L)	48"	48"					2	ORANGE	BLACK		16.00 (32)
W20-5(R)	48"	48"					2	ORANGE	BLACK		16.00 (32)
W20-5a(L)	48"	48"					2	ORANGE	BLACK		16.00 (32)
W20-5a(R)	48"	48"					4	ORANGE	BLACK		16.00 (64)

Filename: z_sign_summary.dgn

Scale: *NOT TO SCALE*

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	CET	1\24	Checked	PEM	1\24
Drawn	CET	1\24	In Charge of	TRC	1\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

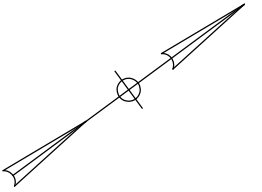
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
MAINTENANCE OF TRAFFIC
SIGN SUMMARY 2 OF 2

SHEET NUMBER: MOT-09
23 OF 52

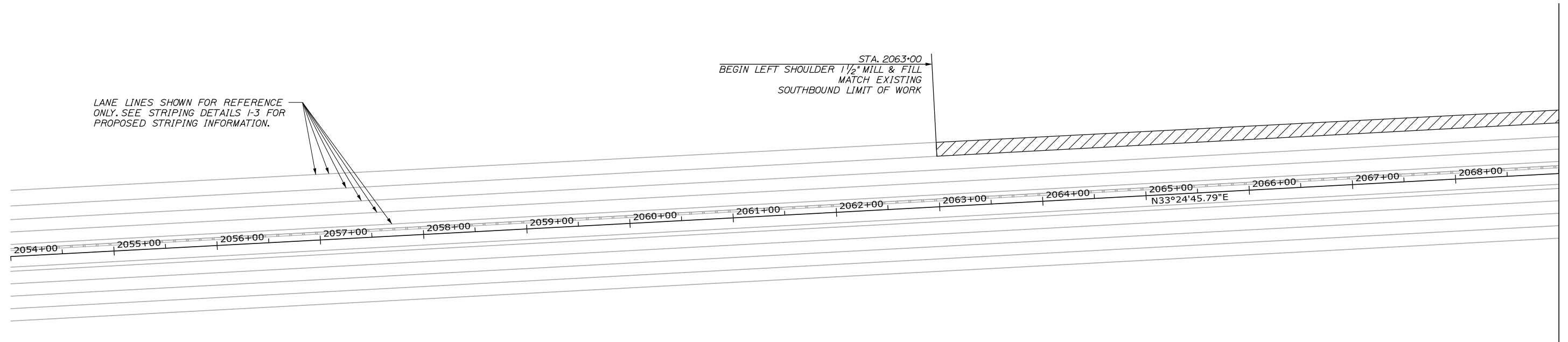
CONTRACT: 2024.02

Date: 1/25/2024



LANE LINES SHOWN FOR REFERENCE ONLY. SEE STRIPING DETAILS I-3 FOR PROPOSED STRIPING INFORMATION.

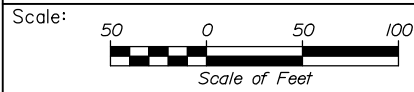
STA. 2063+00
 BEGIN LEFT SHOULDER 1 1/2" MILL & FILL
 MATCH EXISTING
 SOUTHBOUND LIMIT OF WORK



MATCH LINE STA. 2069+00
 MATCH TO GENERAL PLAN 02

LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan 01.dgn



Designed by:



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THE GOLD STAR
 MEMORIAL HIGHWAY

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (1 OF 29)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	Checked	By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

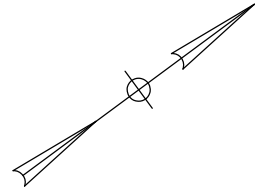
CONTRACT: 2024.02

SHEET NUMBER: GP-01

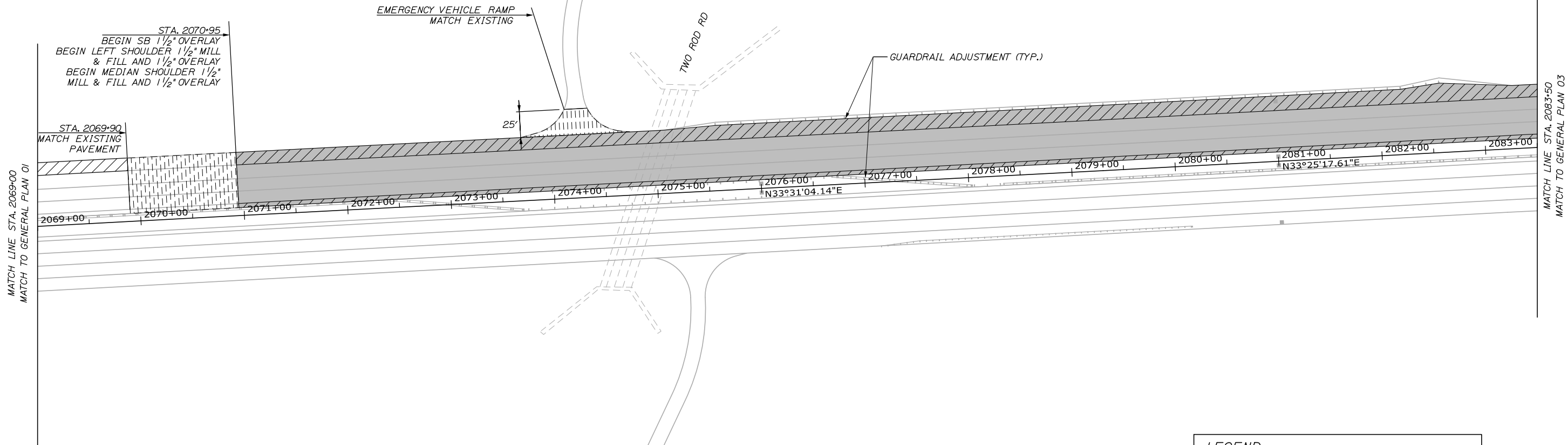
24 OF 52

ITEM 606.3621 GUARDRAIL ADJUST, SINGLE RAIL
 SOUTHBOUND MEDIAN
 STATION TO STATION TO STATION TO STATION TO DIRECTION
 2075+58.7 2082+58.7 2073+97.9 2076+74.1 SB

ITEM 606.3622 GUARDRAIL ADJUST, DOUBLE RAIL
 STATION TO STATION
 2070+95.0 2073+09.3
 2076+74.1 2077+48.3

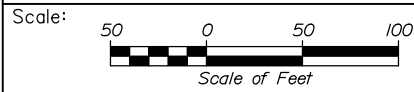


Date: 1/25/2024



LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan_02.dgn



Designed by:

HNTB

No.	Revision	By	Date

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

	By	Date	Checked	By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

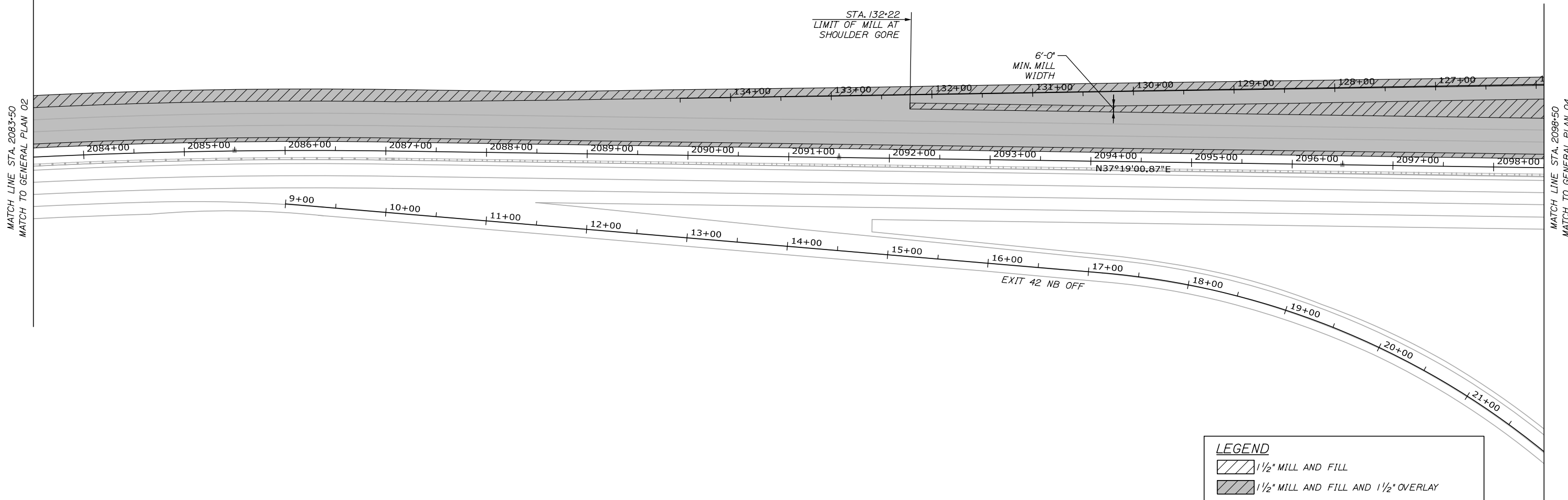
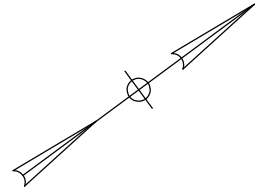
PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (2 OF 29)

SHEET NUMBER: GP-02
25 OF 52

CONTRACT: 2024.02

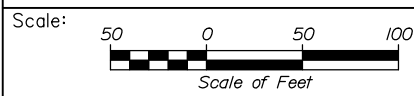
Date: 1/25/2024



LEGEND

	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan_03.dgn



Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

HNTB CORPORATION
 82 Running Hill Road, Suite 201
 South Portland, ME 04106
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THE GOLD STAR
MEMORIAL HIGHWAY

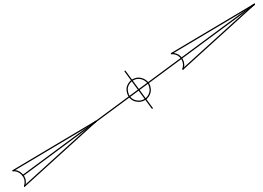
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (3 OF 29)

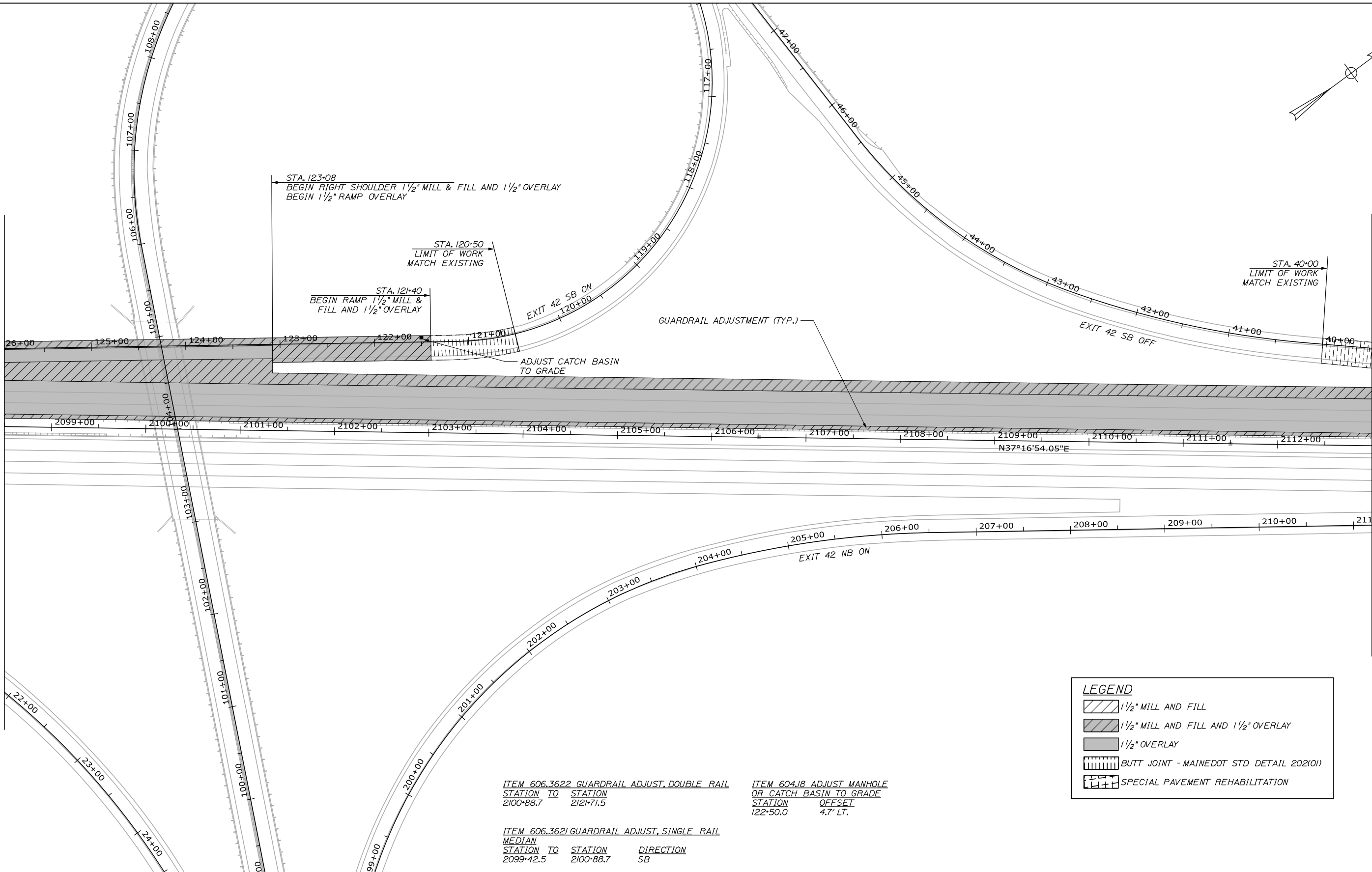
SHEET NUMBER: GP-03
 CONTRACT: 2024.02
 26 OF 52

Date: 1/25/2024



MATCH LINE STA. 2098+50
MATCH TO GENERAL PLAN 03

MATCH LINE STA. 2113+00
MATCH TO GENERAL PLAN 05



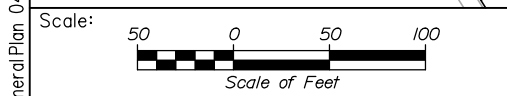
ITEM 606.3622 GUARDRAIL ADJUST, DOUBLE RAIL
 STATION TO STATION
 2100+88.7 2121+71.5

ITEM 606.3621 GUARDRAIL ADJUST, SINGLE RAIL
 MEDIAN
 STATION TO STATION DIRECTION
 2099+42.5 2100+88.7 SB

ITEM 604.18 ADJUST MANHOLE
 OR CATCH BASIN TO GRADE
 STATION OFFSET
 122+50.0 4.7' LT.

LEGEND

- 1 1/2" MILL AND FILL
- 1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
- 1 1/2" OVERLAY
- BUTT JOINT - MAINEDOT STD DETAIL 202(01)
- SPECIAL PAVEMENT REHABILITATION



Designed by:

HNTB

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

No.	Revision	By	Date

	By	Date		By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

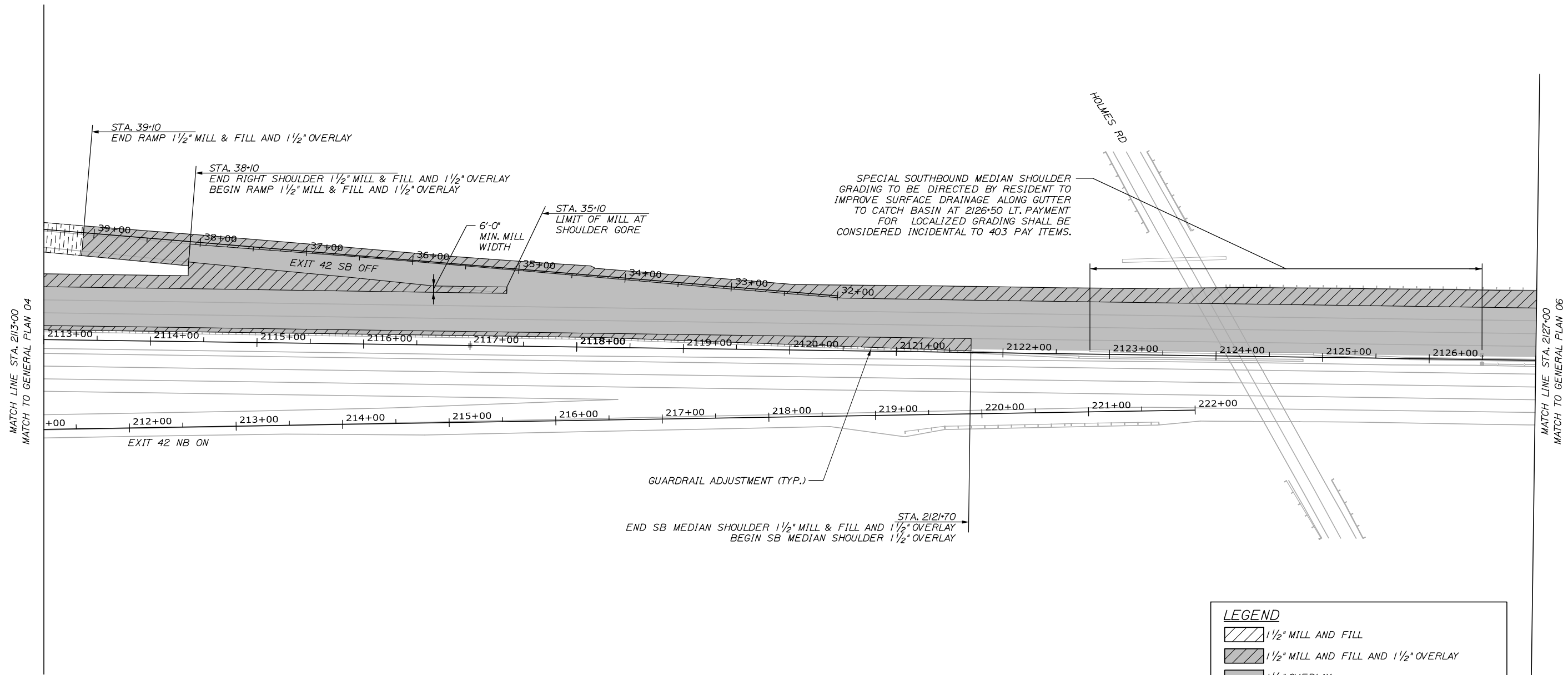
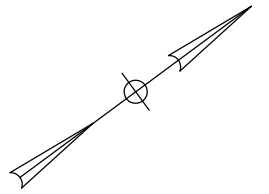
GENERAL PLAN (4 OF 29)

SHEET NUMBER: GP-04
27 OF 52

CONTRACT: 2024.02

Filename: OXX_GeneralPlan 04.dgn

Date: 1/25/2024

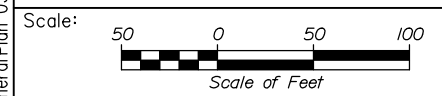


LEGEND

	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

ITEM 606.3621 GUARDRAIL ADJUST, SINGLE RAIL
 SOUTHBOUND
 STATION TO STATION
 2124+08.8 2136+12.3

Filename: 0XX_GeneralPlan_05.dgn



Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	By	Date	
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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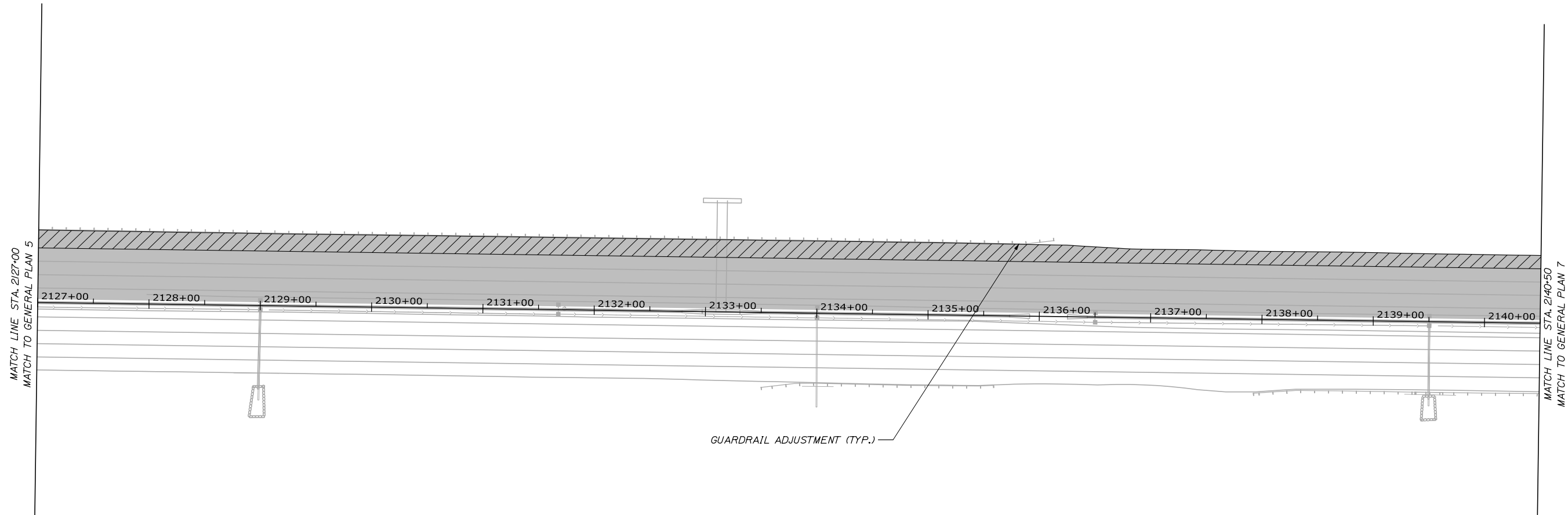
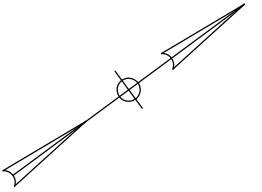
**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3
 GENERAL PLAN (5 OF 29)

SHEET NUMBER: GP-05
 CONTRACT: 2024.02
 28 OF 52

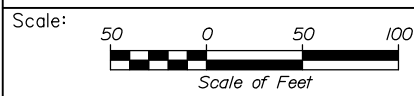
Date: 1/25/2024



LEGEND

	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: OXX_GeneralPlan_06.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	EPR	1\24	In Charge of	TRC	1\24

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**THE GOLD STAR
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MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

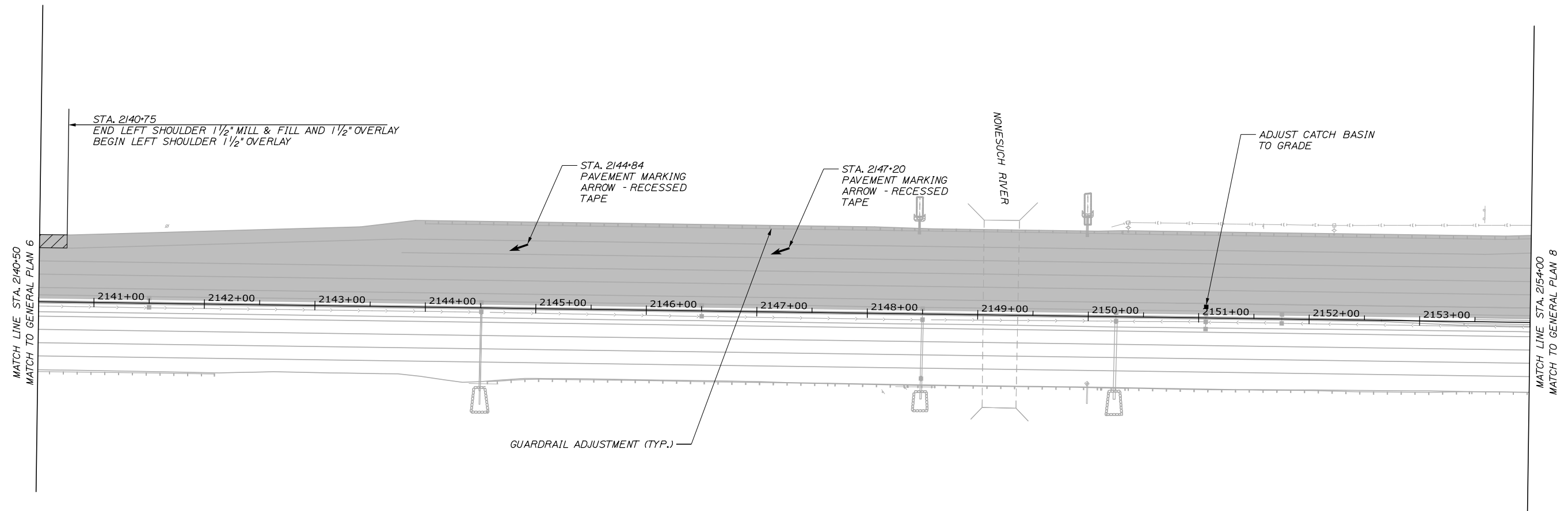
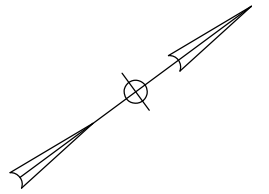
PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (6 OF 29)

SHEET NUMBER: GP-06
 29 OF 52

CONTRACT: 2024.02

Date: 1/25/2024

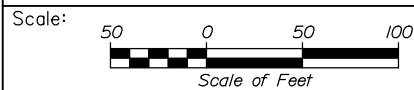


ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE
 STATION 2151+06.7
 OFFSET 10.0' LT.

ITEM 606.3621 GUARDRAIL ADJUST, SINGLE RAIL SOUTHBOUND
 STATION TO STATION 2143+99.3 TO 2154+58.2

ITEM 627.944 PAVEMENT MARKINGS - RECESSED TAPE - WORDS, ARROW, AND STOP BARS
 STATION 2144+83.6
 OFFSET 55.0' LT.
 STATION 2147+20.2
 OFFSET 55.0' LT.

LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION



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 MEMORIAL HIGHWAY

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (7 OF 29)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

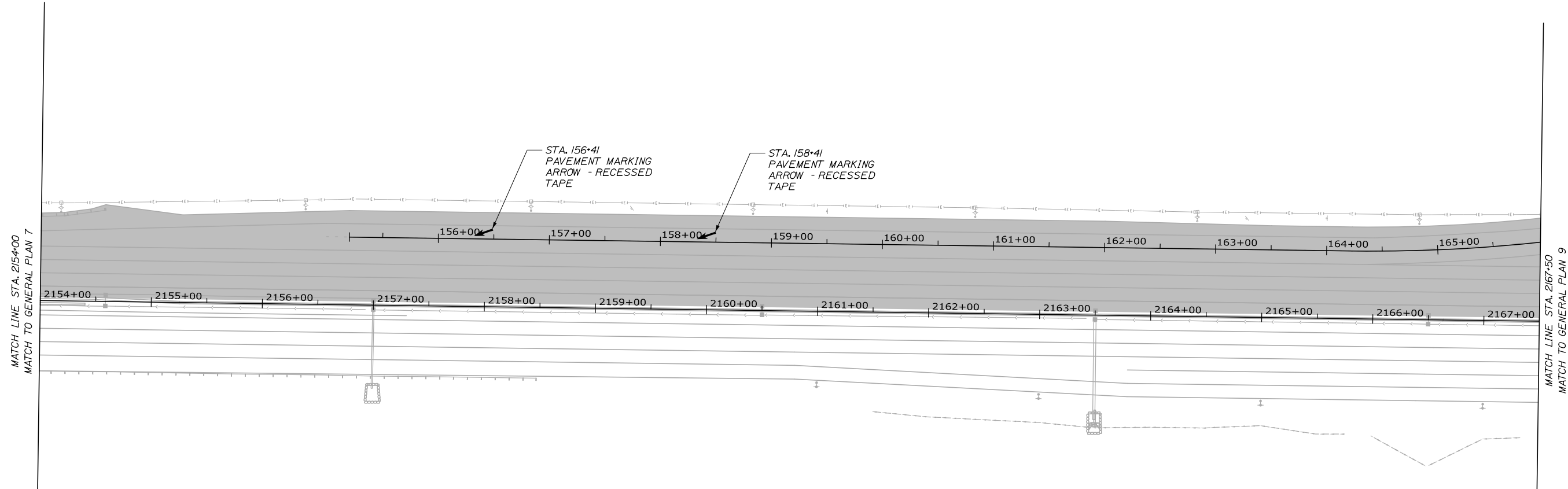
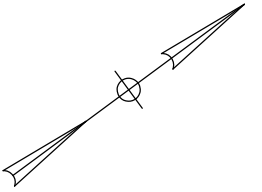
CONTRACT: 2024.02

SHEET NUMBER: GP-07

30 OF 52

Filename: OXX_GeneralPlan_07.dgn

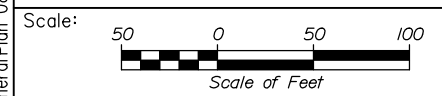
Date: 1/25/2024



ITEM 627.944 PAVEMENT MARKINGS - RECESSED TAPE - WORDS, ARROW, AND STOP BARS
 STATION OFFSET
 156+40.5 5.5' LT.
 158+41.1 5.5' LT.

LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan_08.dgn



Designed by:

HNTB

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

	By	Date	By	Date	
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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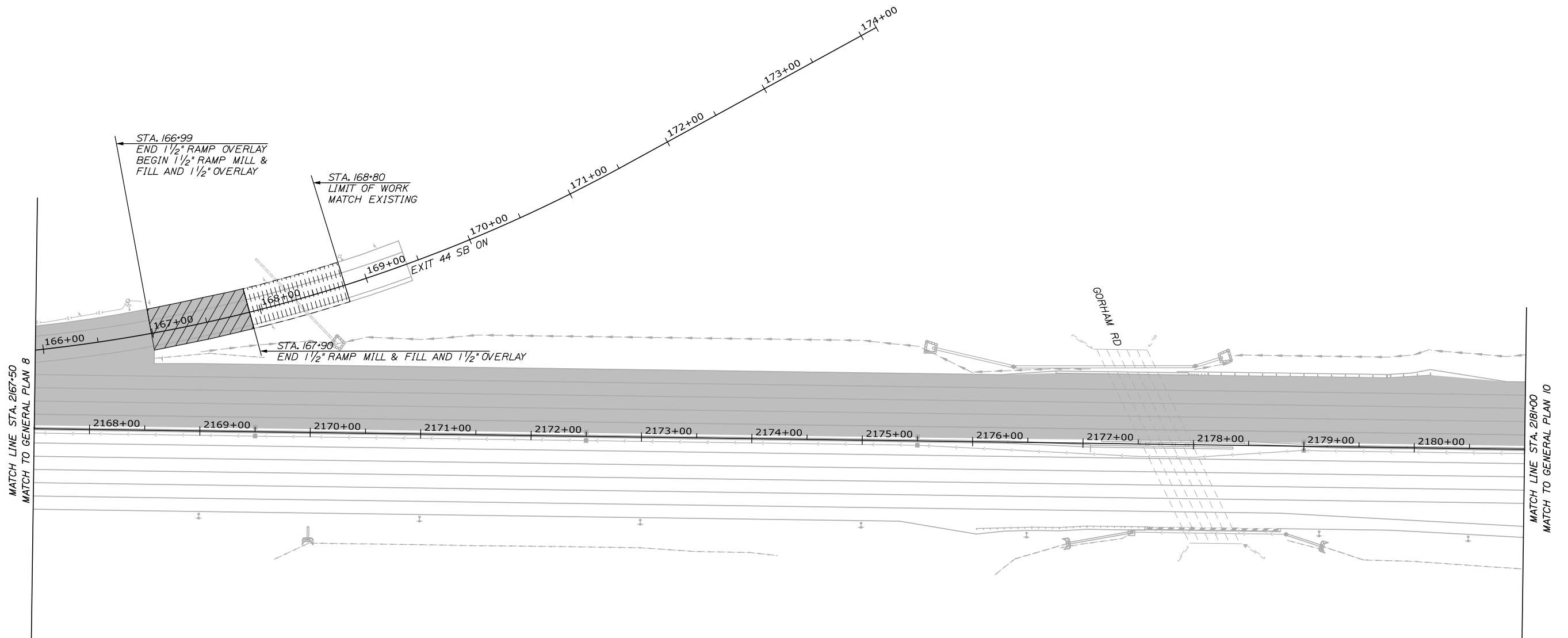
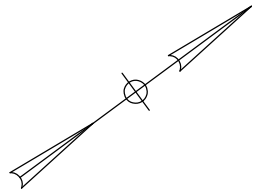
THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3
 GENERAL PLAN (8 OF 29)

SHEET NUMBER: GP-08
 CONTRACT: 2024.02
 31 OF 52

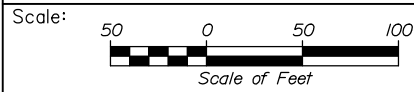
Date: 1/25/2024



LEGEND

	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: OXX_GeneralPlan_09.dgn



Designed by:

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CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	By	Date	
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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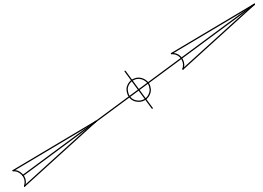
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (9 OF 29)

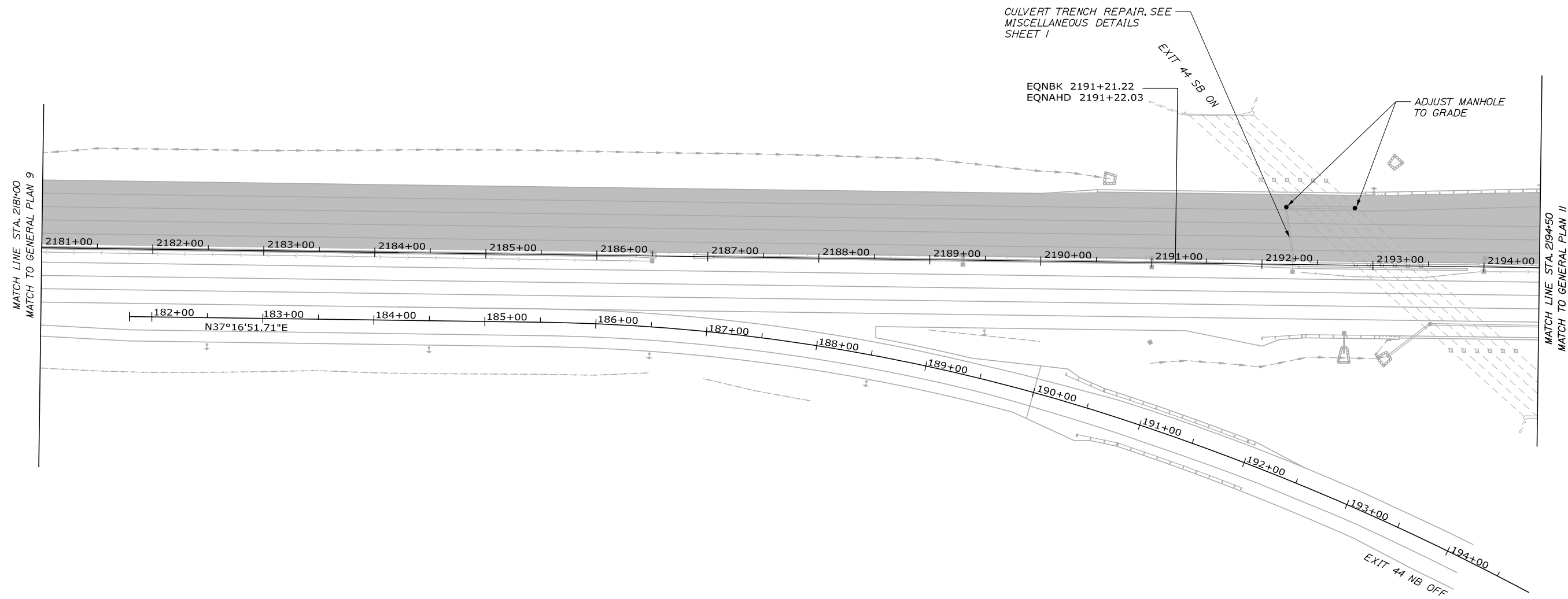
SHEET NUMBER: GP-09
 CONTRACT: 2024.02
 32 OF 52



LEGEND

	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

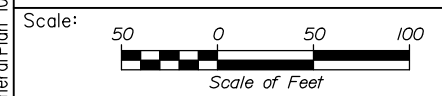
Date: 1/25/2024



ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE

STATION	OFFSET
2192+21.3	51.6' LT.
2192+83.1	21.5' LT.

Filename: OXX_GeneralPlan_10.dgn



Designed by:

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CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	By	Date	
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

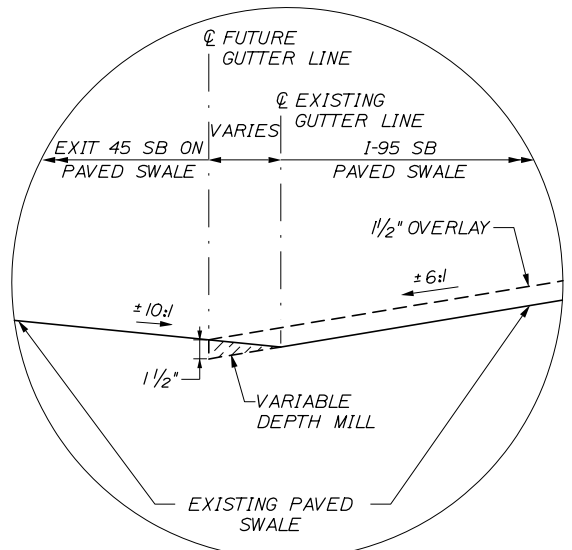
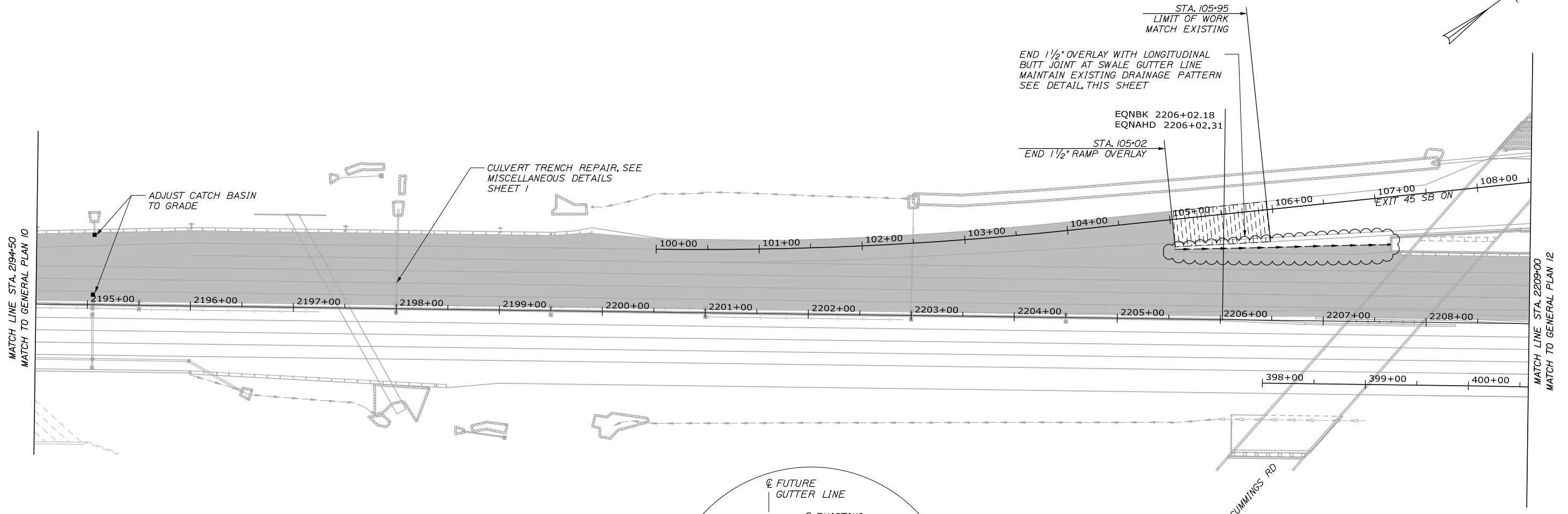
GENERAL PLAN (10 OF 29)

SHEET NUMBER: GP-10

CONTRACT: 2024.02

33 OF 52

Date: 1/25/2024



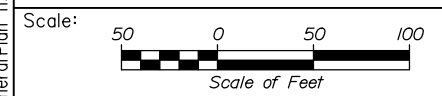
EXIT 45 SB ON RAMP
PAVED SWALE BUTT JOINT DETAIL
N.T.S.

ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE

STATION	OFFSET
2195+05.3	67.7' LT.
2195+05.3	9.7' LT.

LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan 11.dgn



Designed by:

HNTB

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

	By	Date	By	Date	
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
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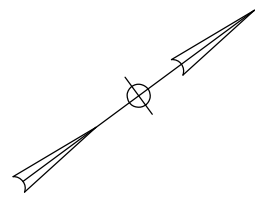
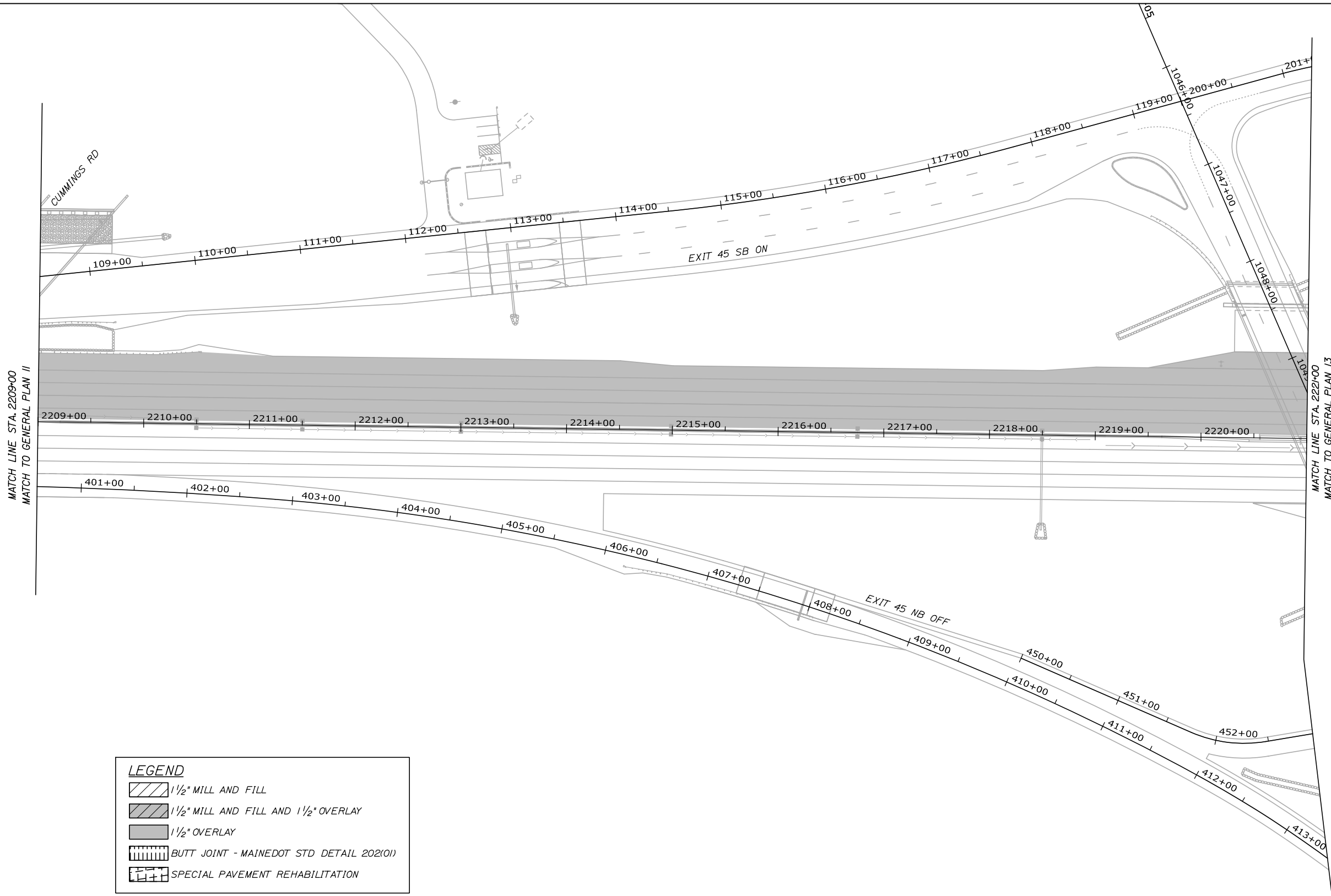
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (11 OF 29)

SHEET NUMBER: GP-11
CONTRACT: 2024.02
34 OF 52

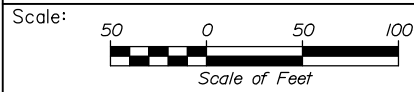
Date: 1/25/2024



LEGEND

- 1 1/2" MILL AND FILL
- 1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
- 1 1/2" OVERLAY
- BUTT JOINT - MAINEDOT STD DETAIL 202(01)
- SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan 12.dgn



Designed by:



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MEMORIAL HIGHWAY**

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
GENERAL PLAN (12 OF 29)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	Checked	By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

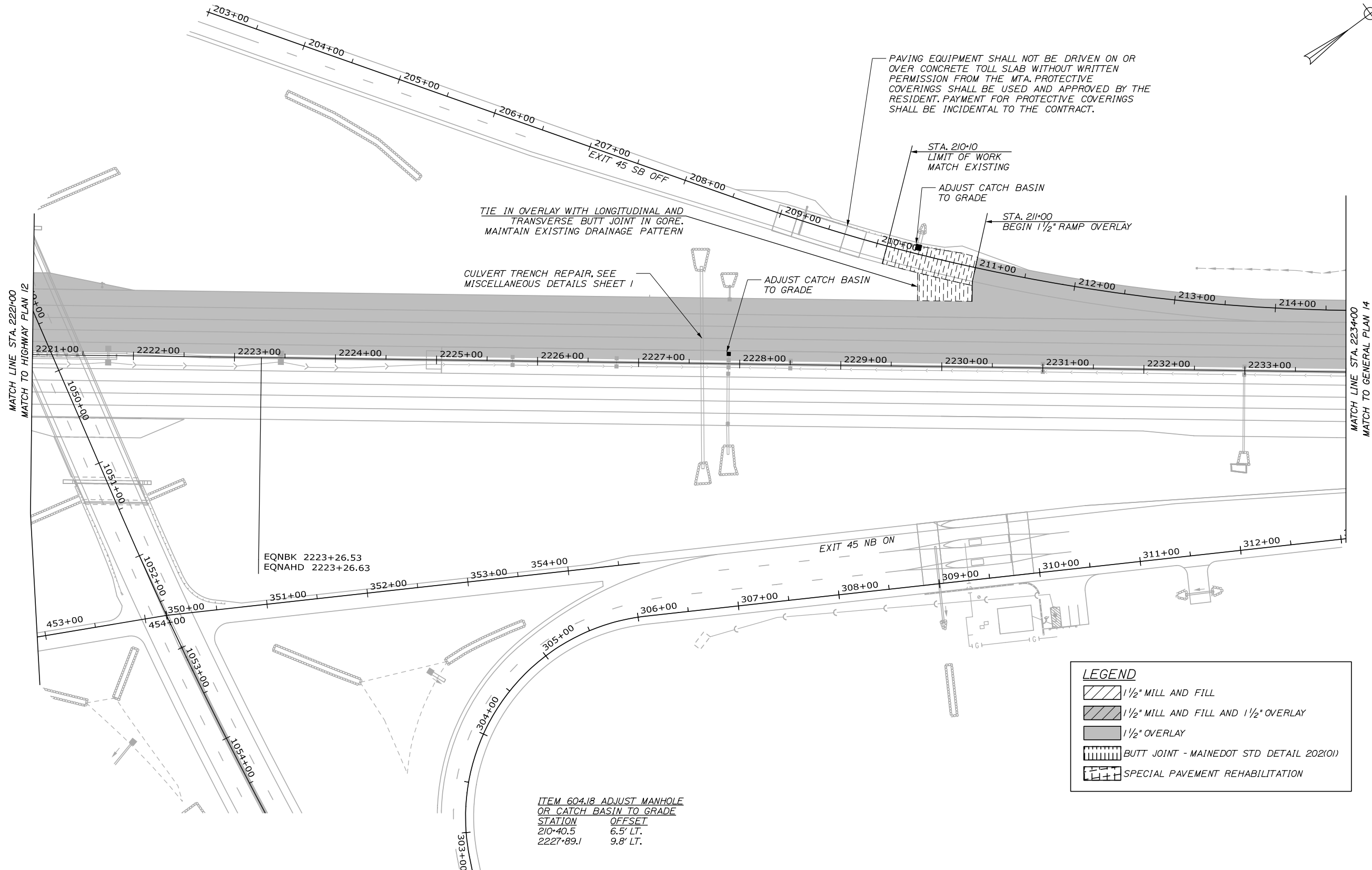
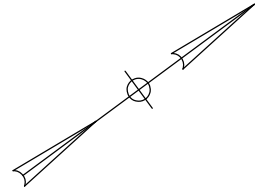
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

CONTRACT: 2024.02

SHEET NUMBER: GP-12

35 OF 52

Date: 1/25/2024



PAVING EQUIPMENT SHALL NOT BE DRIVEN ON OR OVER CONCRETE TOLL SLAB WITHOUT WRITTEN PERMISSION FROM THE MTA. PROTECTIVE COVERINGS SHALL BE USED AND APPROVED BY THE RESIDENT. PAYMENT FOR PROTECTIVE COVERINGS SHALL BE INCIDENTAL TO THE CONTRACT.

TIE IN OVERLAY WITH LONGITUDINAL AND TRANSVERSE BUTT JOINT IN GORE. MAINTAIN EXISTING DRAINAGE PATTERN

CULVERT TRENCH REPAIR, SEE MISCELLANEOUS DETAILS SHEET 1

STA. 210+10
LIMIT OF WORK
MATCH EXISTING

ADJUST CATCH BASIN TO GRADE

STA. 211+00
BEGIN 1 1/2" RAMP OVERLAY

ADJUST CATCH BASIN TO GRADE

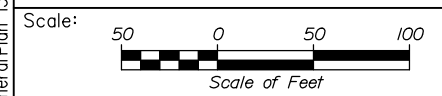
EQNBK 2223+26.53
EQNAHD 2223+26.63

ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE
STATION OFFSET
210+40.5 6.5' LT.
2227+89.1 9.8' LT.

LEGEND

- 1 1/2" MILL AND FILL
- 1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
- 1 1/2" OVERLAY
- BUTT JOINT - MAINEDOT STD DETAIL 202(01)
- SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan_13.dgn



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**THE GOLD STAR
MEMORIAL HIGHWAY**

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3
GENERAL PLAN (13 OF 29)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.			
Designed	PEM	1\24	Checked DAM 1\24
Drawn	EPR	1\24	In Charge of TRC 1\24

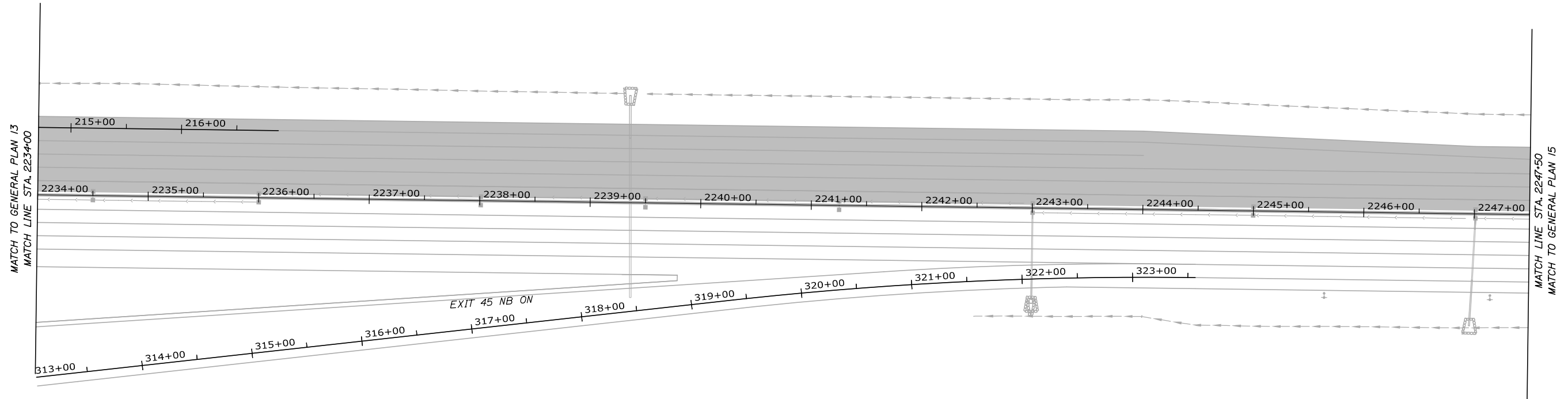
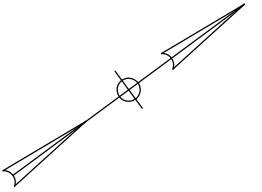
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

CONTRACT: 2024.02

SHEET NUMBER: GP-13

36 OF 52

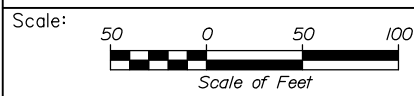
Date: 1/25/2024



LEGEND

- 1 1/2" MILL AND FILL
- 1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
- 1 1/2" OVERLAY
- BUTT JOINT - MAINEDOT STD DETAIL 202(01)
- SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan 14.dgn



Designed by:

HNTB

No.	Revision	By	Date

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

	By	Date		By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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MEMORIAL HIGHWAY

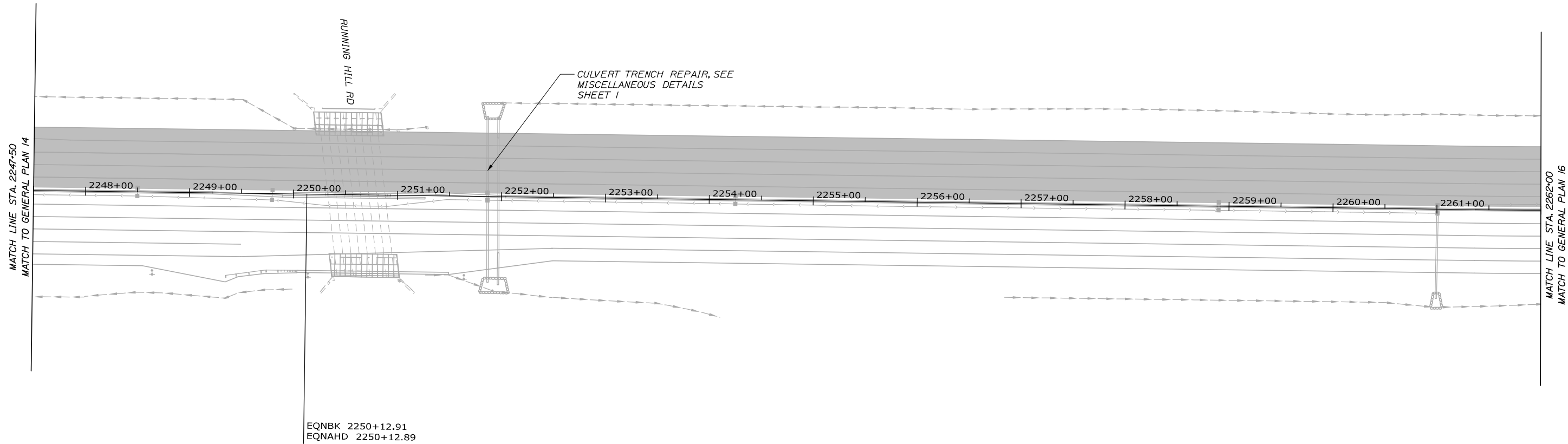
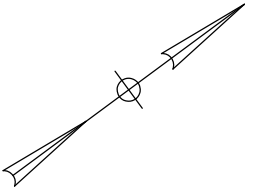
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (14 OF 29)

SHEET NUMBER: GP-14
 CONTRACT: 2024.02
 37 OF 52

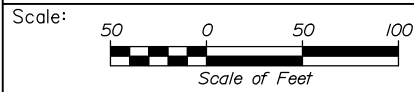
Date: 1/25/2024



EQNBK 2250+12.91
EQNAHD 2250+12.89

LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan_15.dgn



Designed by:



HNTB CORPORATION
82 Running Hill Road, Suite 201
South Portland, ME 04106
TEL (207) 774-5155
FAX (207) 228-0909



**THE GOLD STAR
MEMORIAL HIGHWAY**

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (15 OF 29)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	Checked	By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

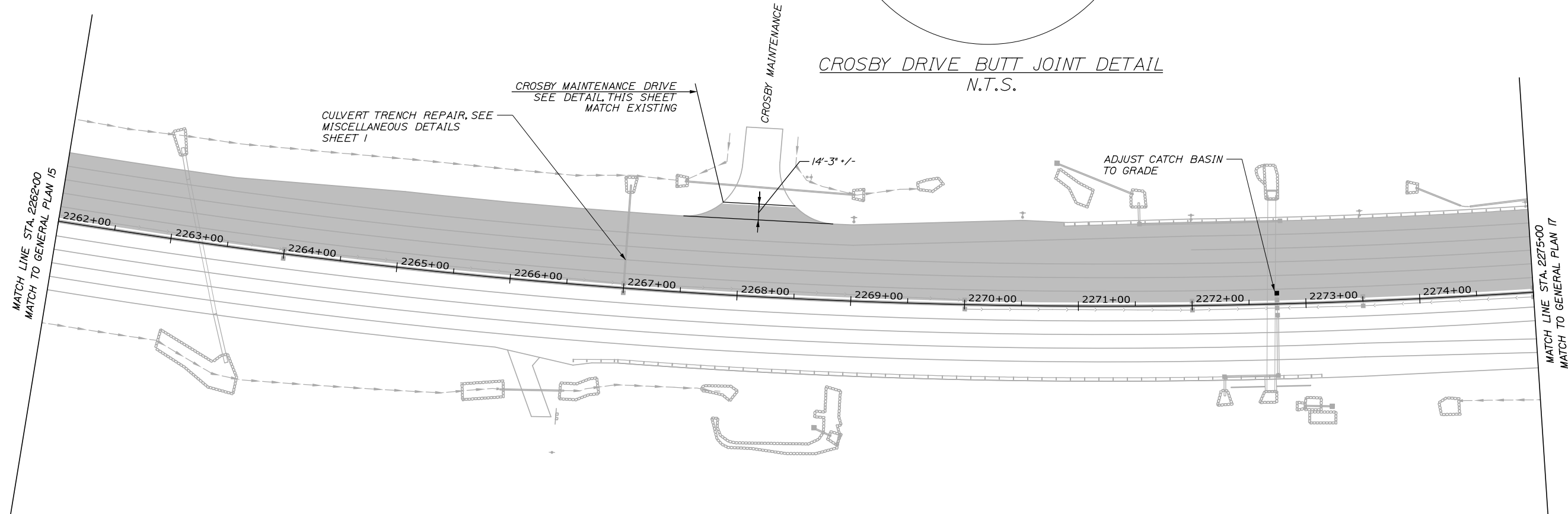
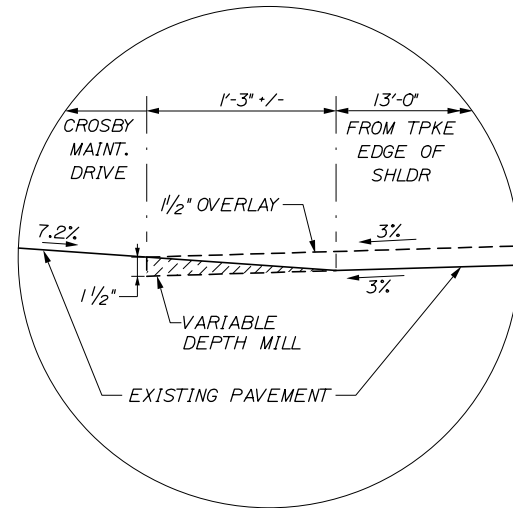
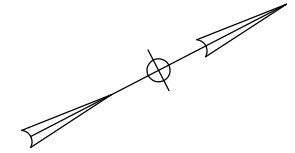
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

CONTRACT: 2024.02

SHEET NUMBER: GP-15

38 OF 52

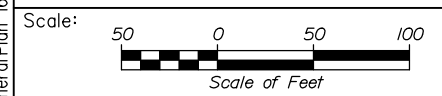
Date: 1/25/2024



ITEM 604.18 ADJUST MANHOLE
OR CATCH BASIN TO GRADE
STATION OFFSET
2272+74.6 9.4' LT.

LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan_16.dgn



Designed by:

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CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	Checked	By	Date
Designed	PEM	1\24	DAM	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
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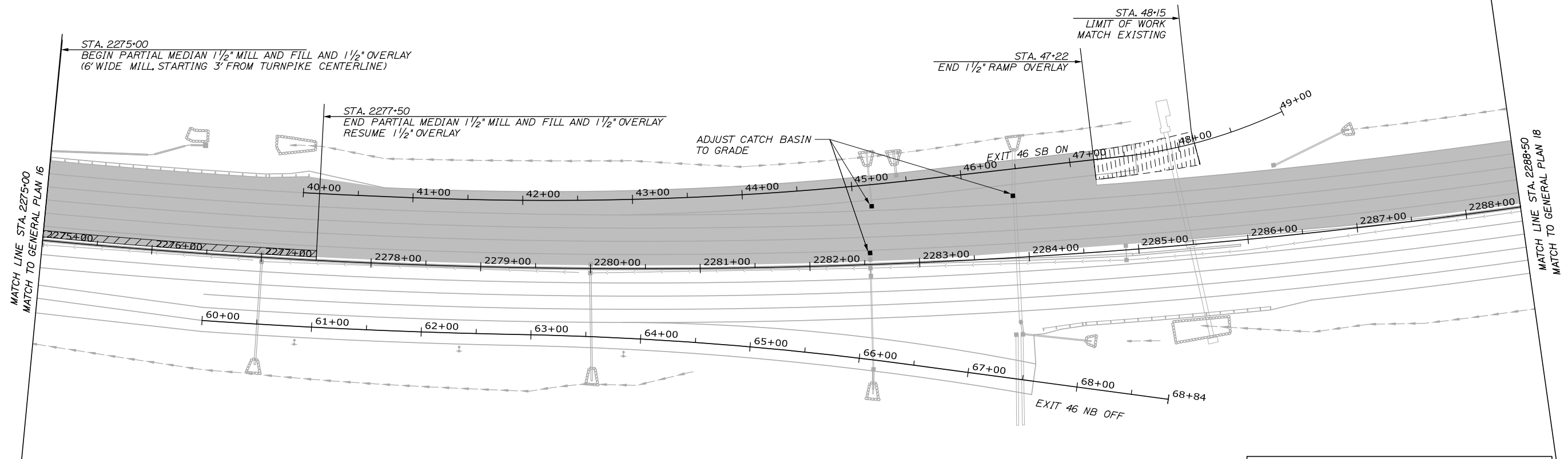
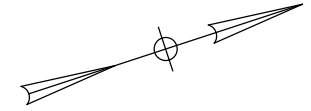
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (16 OF 29)

SHEET NUMBER: GP-16
CONTRACT: 2024.02
39 OF 52

Date: 1/25/2024



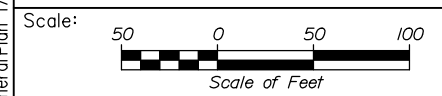
ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE

STATION	OFFSET
2282+55.2	10.6' LT.
2282+58.3	53.1' LT.
2283+88.5	56.3' LT.

LEGEND

	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan 17.dgn



Designed by:

HNTB

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

	By	Date	By	Date	
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3






GENERAL PLAN (17 OF 29)

SHEET NUMBER: GP-17

CONTRACT: 2024.02

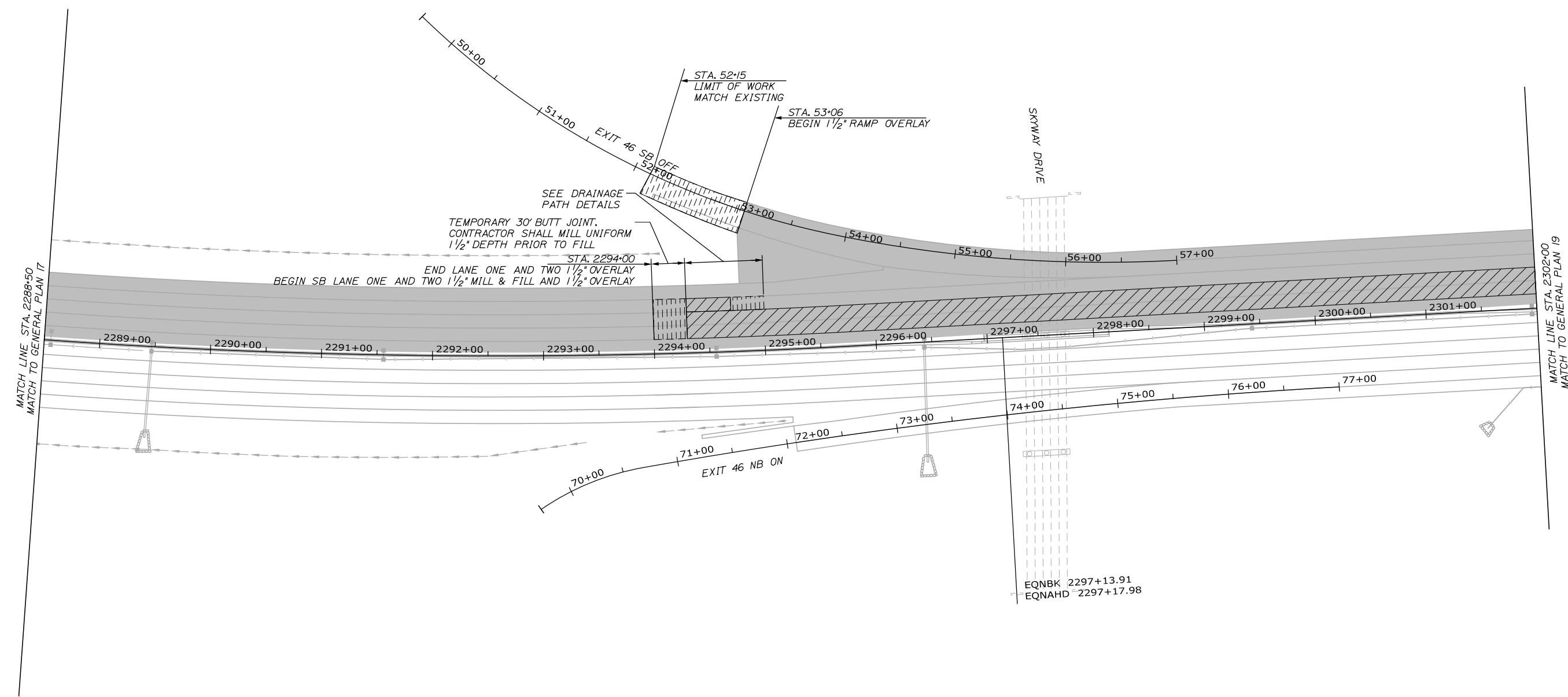
40 OF 52

LEGEND

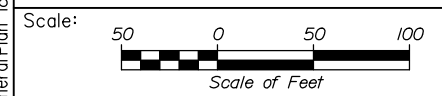
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	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION



Date: 1/25/2024



Filename: OXX_GeneralPlan_18.dgn




Designed by:

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CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	Checked	By	Date
Designed	PEM	1\24	DAM	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

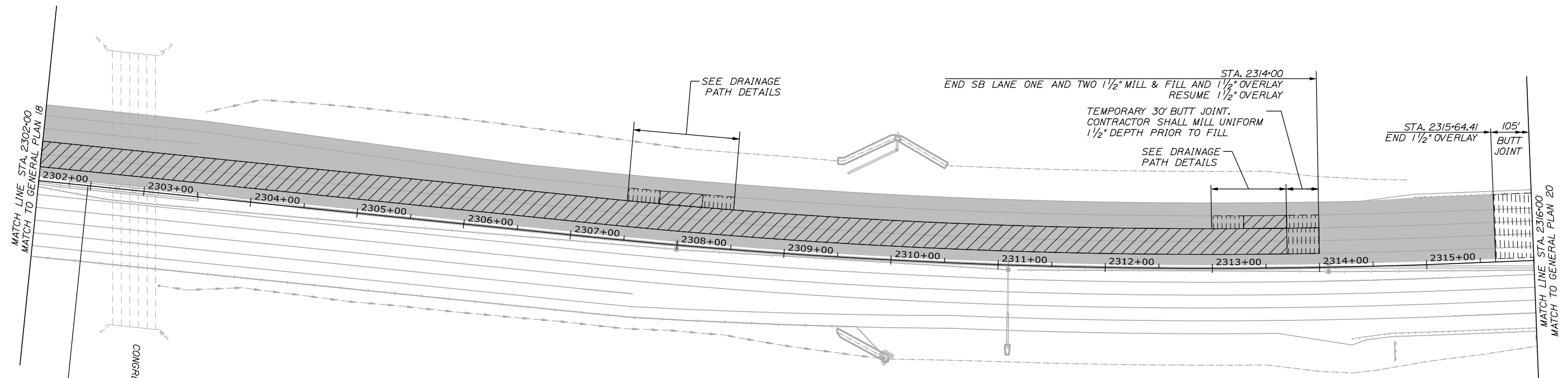
GENERAL PLAN (18 OF 29)

SHEET NUMBER: GP-18
41 OF 52

CONTRACT: 2024.02



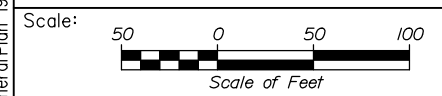
Date: 1/25/2024



LEGEND

- 1 1/2" MILL AND FILL
- 1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
- 1 1/2" OVERLAY
- BUTT JOINT - MAINEDOT STD DETAIL 202(01)
- SPECIAL PAVEMENT REHABILITATION

Filename: 0XX_GeneralPlan_19.dgn



Designed by:

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

No.	Revision	By	Date

	By	Date		By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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MEMORIAL HIGHWAY






MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (19 OF 29)

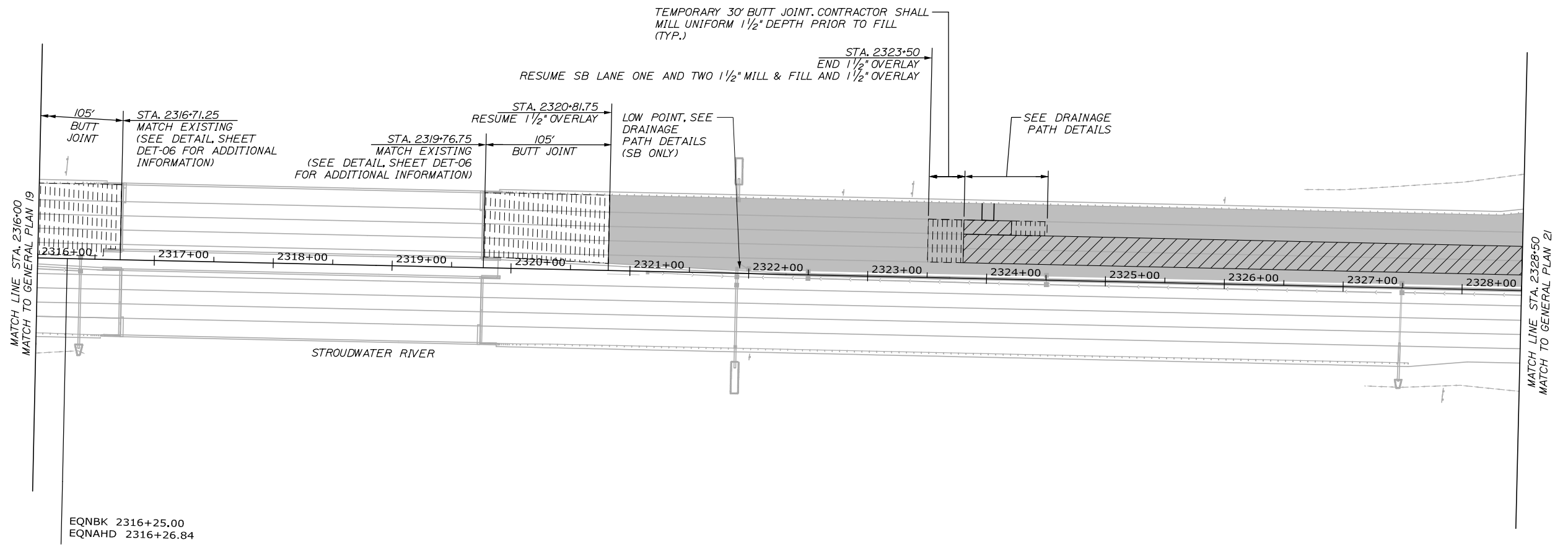
SHEET NUMBER: GP-19
 CONTRACT: 2024.02
 42 OF 52

LEGEND

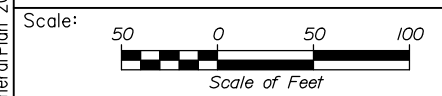
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	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION



Date: 1/25/2024



Filename: OXX_GeneralPlan_20.dgn




Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	By	Date	
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

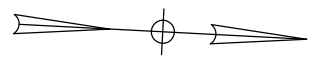
PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (20 OF 29)

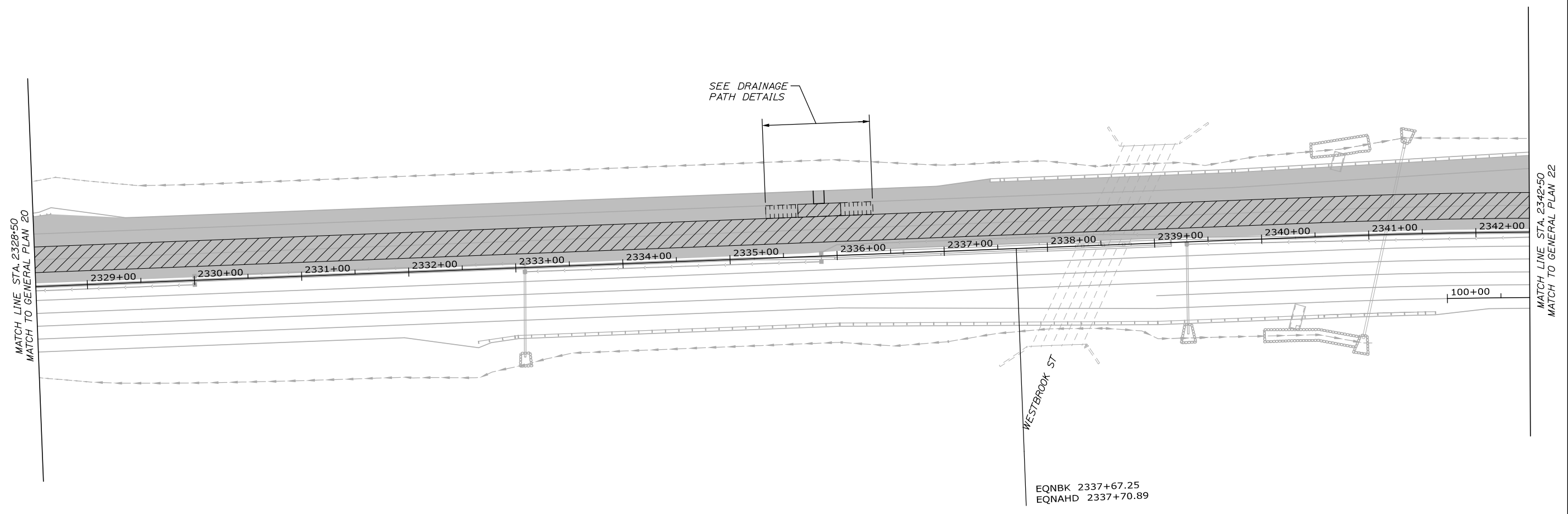
SHEET NUMBER: GP-20
 CONTRACT: 2024.02
 43 OF 52

LEGEND

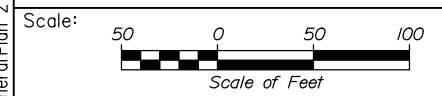
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	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION



Date: 1/25/2024



Filename: OXX_GeneralPlan 21.dgn




Designed by:

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CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**






MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (21 OF 29)

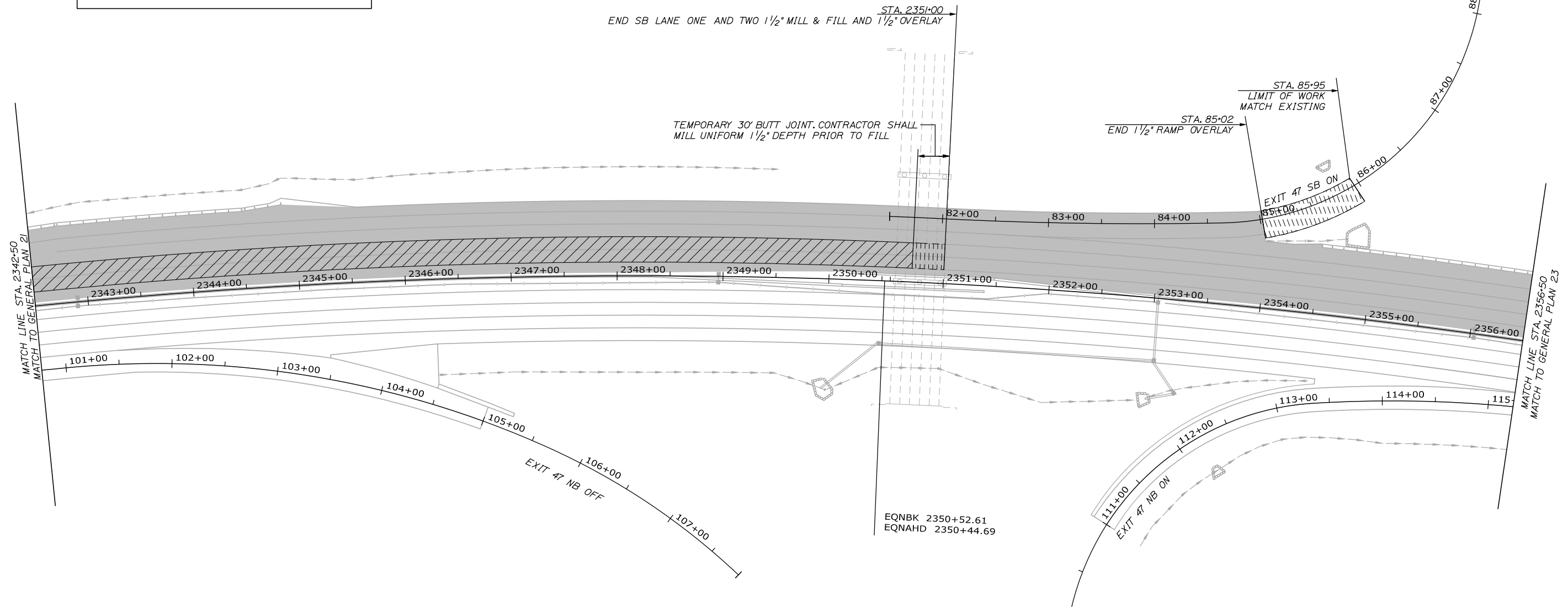
SHEET NUMBER: GP-21
CONTRACT: 2024.02
44 OF 52

LEGEND

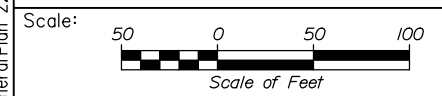
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	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION



Date: 1/25/2024



Filename: 0XX_GeneralPlan_22.dgn




Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	By	Date	
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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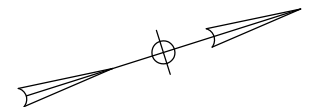


**THE GOLD STAR
MEMORIAL HIGHWAY**

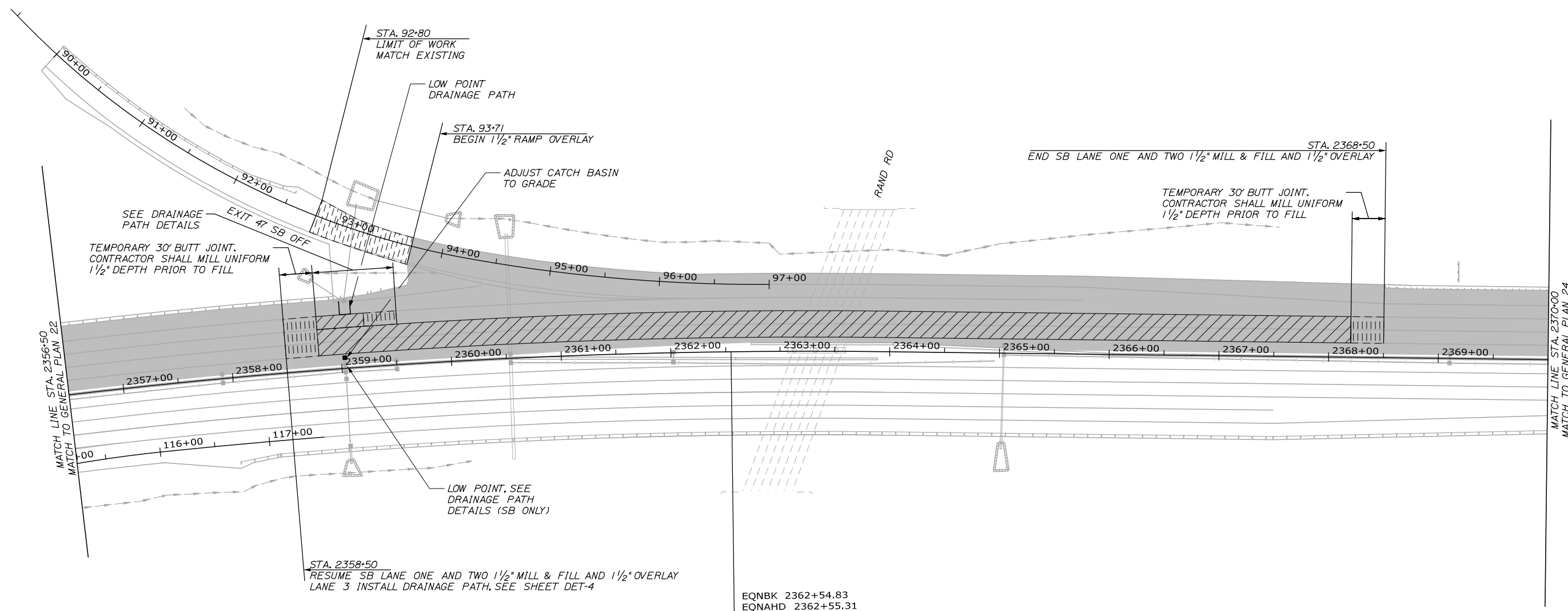
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3
 GENERAL PLAN (22 OF 29)

SHEET NUMBER: GP-22
 CONTRACT: 2024.02
 45 OF 52



Date: 1/25/2024



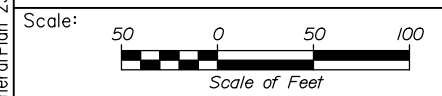
LEGEND

	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE
 STATION OFFSET
 2359+03.2 9.7' LT.

EQNBK 2362+54.83
 EQNAHD 2362+55.31

Filename: 0XX_GeneralPlan_23.dgn



Designed by:

HNTB

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

No.	Revision	By	Date

	By	Date		By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

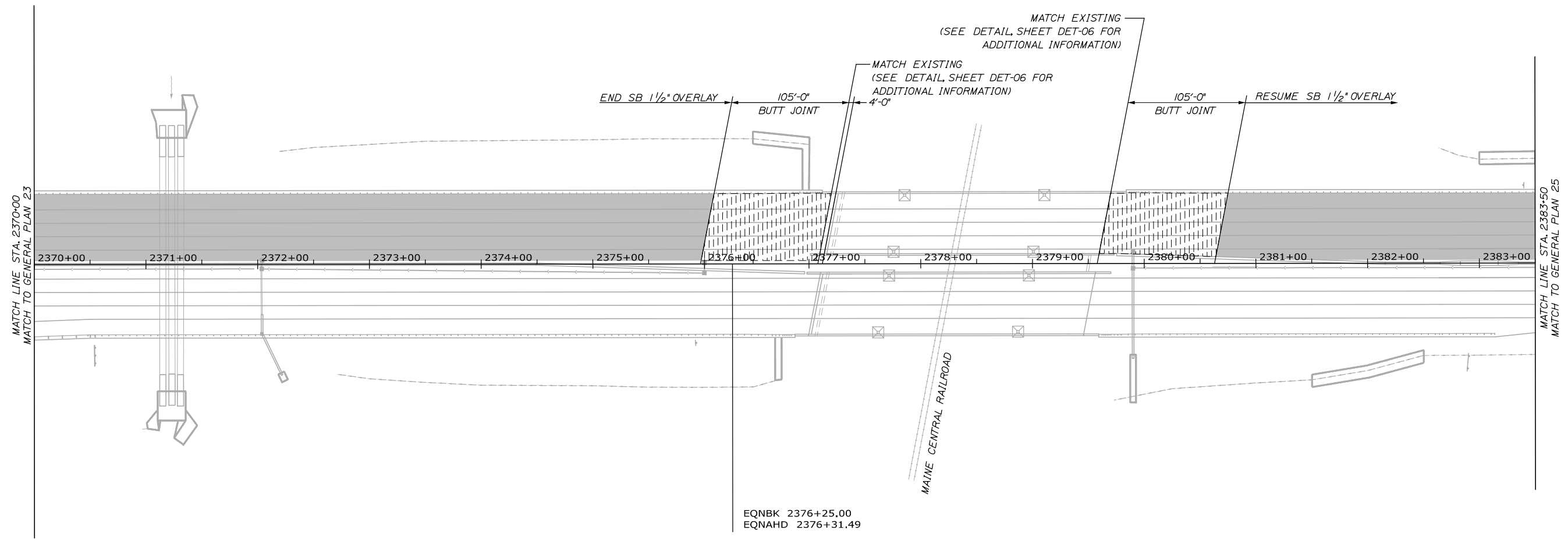
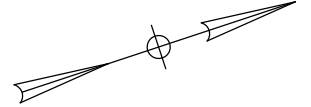
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (23 OF 29)

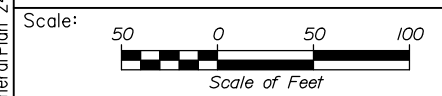
SHEET NUMBER: GP-23
 CONTRACT: 2024.02
 46 OF 52

Date: 1/25/2024



LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: OXX_GeneralPlan_24.dgn



Designed by:

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CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	Checked	By	Date
Designed	PEM	1\24	DAM		1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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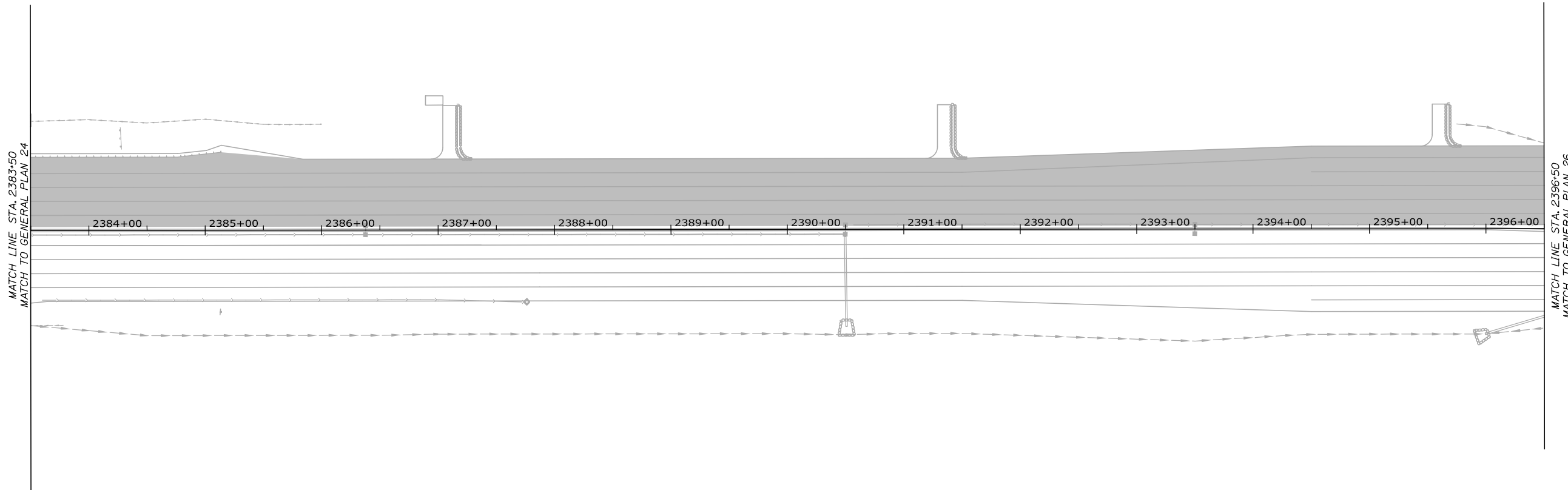
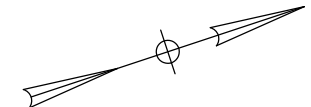
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (24 OF 29)

SHEET NUMBER: GP-24
 CONTRACT: 2024.02
 47 OF 52

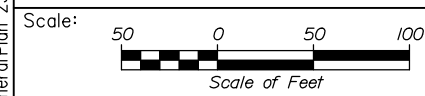
Date: 1/25/2024



LEGEND

	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: OXX_GeneralPlan_25.dgn



Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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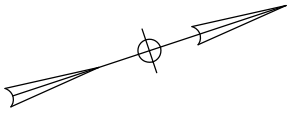
MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (25 OF 29)

SHEET NUMBER: GP-25
 48 OF 52

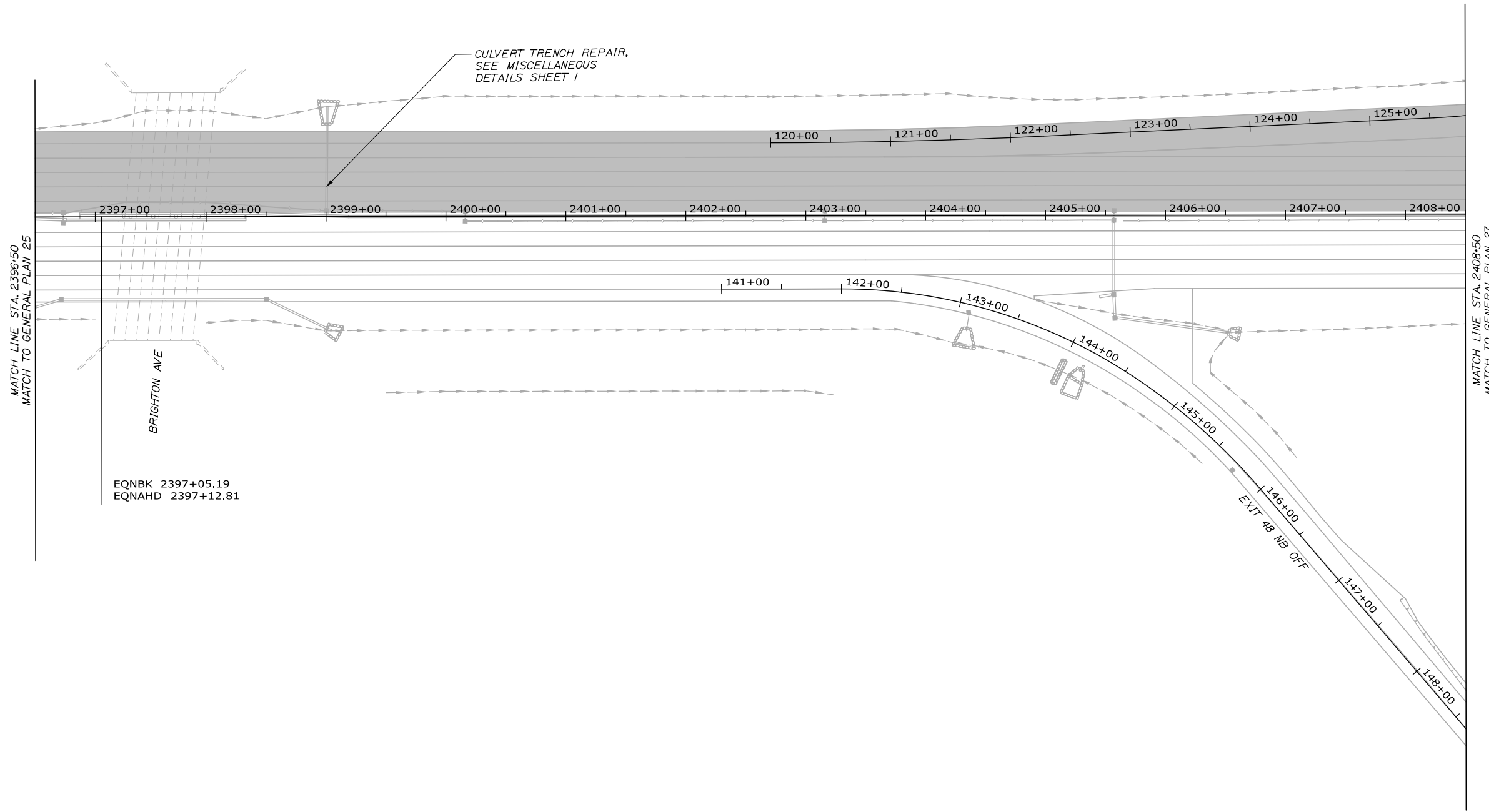
CONTRACT: 2024.02



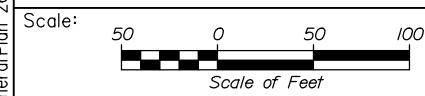
LEGEND

	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Date: 1/25/2024



Filename: 0XX_GeneralPlan_26.dgn



Designed by:

HNTB

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	By	Date	
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

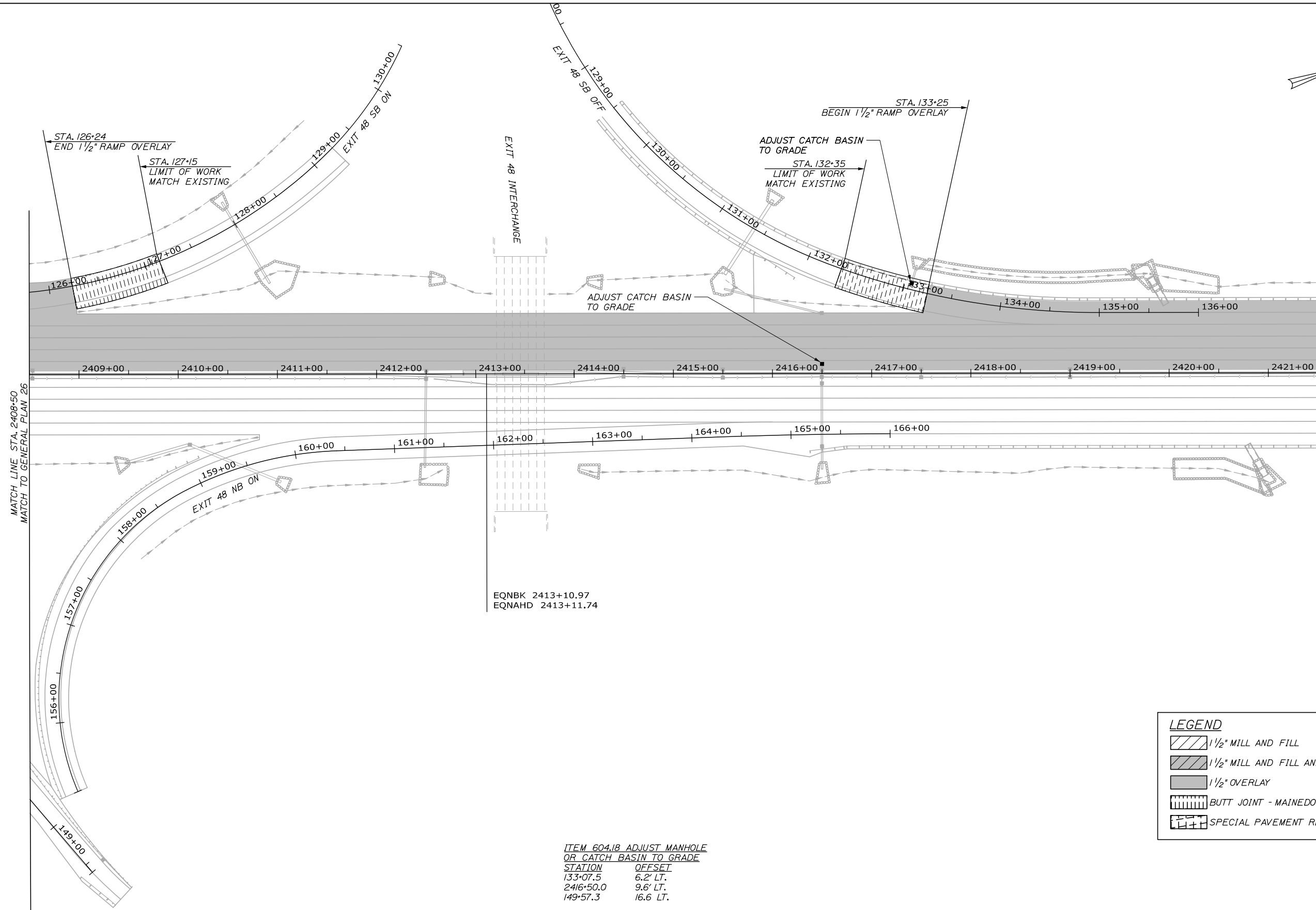
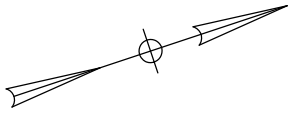
PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (26 OF 29)

SHEET NUMBER: GP-26
49 OF 52

CONTRACT: 2024.02

Date: 1/25/2024



MATCH LINE STA. 2408+50
MATCH TO GENERAL PLAN 26

MATCH LINE STA. 2421+50
MATCH TO GENERAL PLAN 28

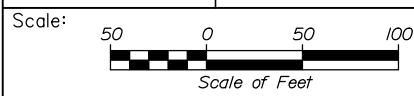
EQNBK 2413+10.97
EQNAHD 2413+11.74

ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE

STATION	OFFSET
133+07.5	6.2' LT.
2416+50.0	9.6' LT.
149+57.3	16.6' LT.

LEGEND

	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION



Designed by:

HNTB

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

	By	Date	Checked	By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (27 OF 29)

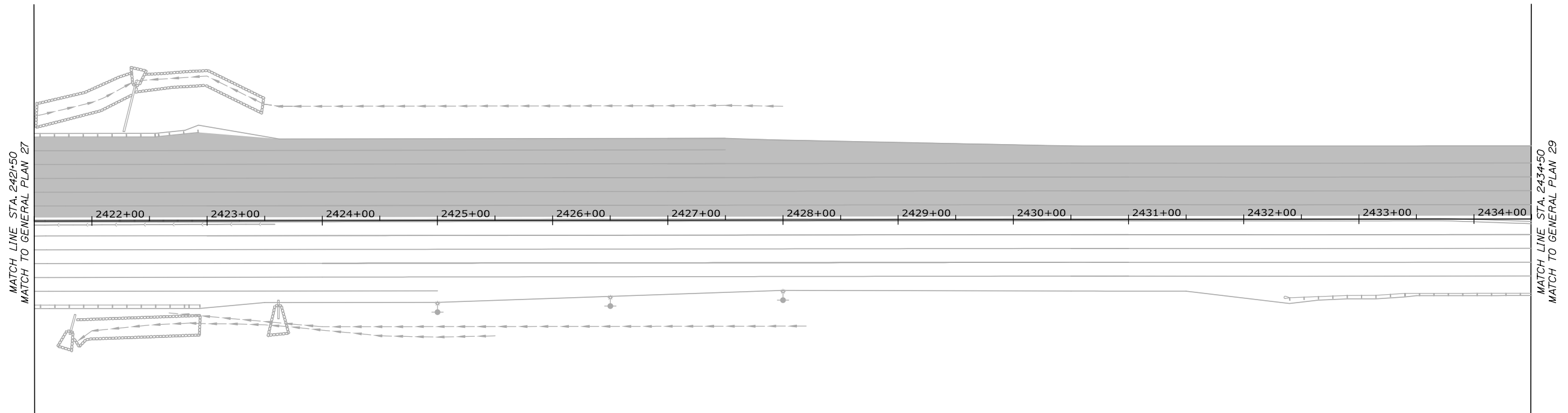
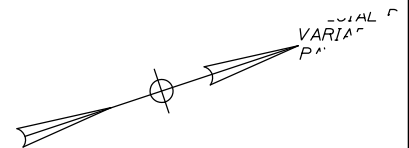
SHEET NUMBER: GP-27

CONTRACT: 2024.02

50 OF 52

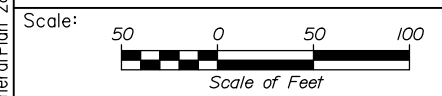
Filename: OXX_GeneralPlan 27.dgn

Date: 1/25/2024



LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Filename: OXX_GeneralPlan_28.dgn



Designed by:

HNTB

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.			
	By	Date	
Designed	PEM	1\24	Checked DAM 1\24
Drawn	EPR	1\24	In Charge of TRC 1\24

HNTB CORPORATION
 82 Running Hill Road, Suite 201
 South Portland, ME 04106
 TEL (207) 774-5155
 FAX (207) 228-0909

**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

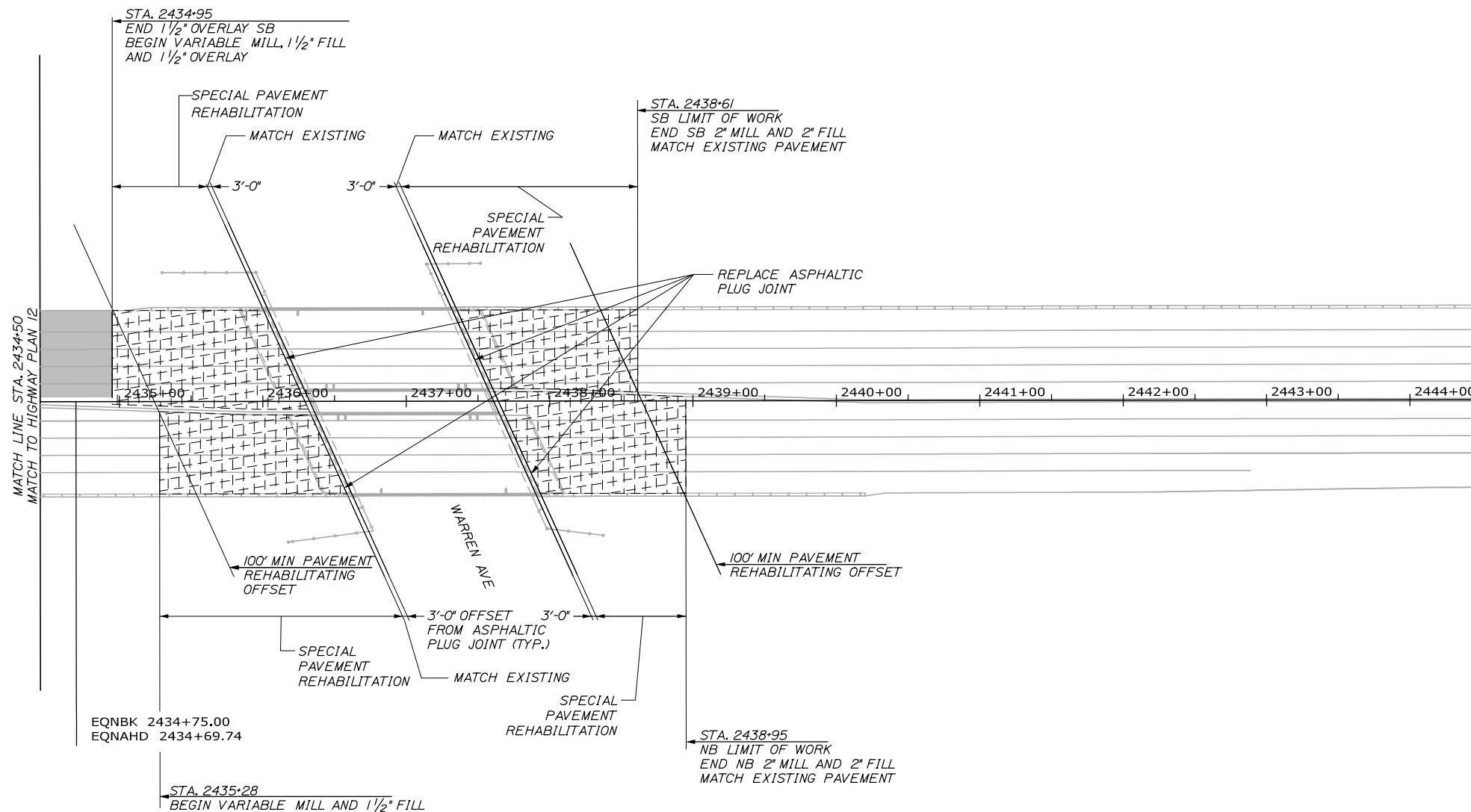
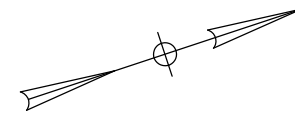
PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (28 OF 29)

SHEET NUMBER: GP-28
 CONTRACT: 2024.02
 51 OF 52

NOTES:

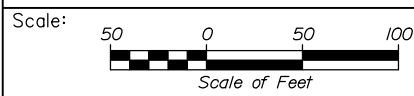
1. SPECIAL PAVEMENT REHABILITATION REFERS TO A COMBINATION OF VARIABLE DEPTH ROADWAY MILLING, PAVEMENT FILL, AND OVERLAY PAVEMENT. THE WORK IS NOTED WITH DEFINED STATION LIMITS AND ALL WORK IS QUANTIFIED ACCORDINGLY. THE CONTRACTOR SHALL GIVE THE RESIDENT 30 DAYS NOTICE OF PLANNED WORK IN THIS AREA SO A FINAL SURVEY OF ROADWAY SETTLEMENT CAN BE COMPLETED. ADJUSTMENTS WILL BE MADE TO ACTUAL DEPTHS OF MILL AND FILL AND PAYMENT WILL BE MADE FOR ACTUAL QUANTITIES CONSTRUCTED.
2. SPECIAL PAVEMENT REHABILITATION LIMITS SHOWN ARE APPROXIMATE AND FINAL LIMITS SHALL BE DETERMINED BY THE RESIDENT.



LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	SPECIAL PAVEMENT REHABILITATION

Date: 1/25/2024

Filename: 0XX_GeneralPlan_29.dgn



Designed by:

HNTB

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

No.	Revision	By	Date

	By	Date		By	Date
Designed	PEM	1\24	Checked	DAM	1\24
Drawn	EPR	1\24	In Charge of	TRC	1\24

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THE GOLD STAR
MEMORIAL HIGHWAY

MTA PROJECT MANAGER: Ryan J. Barnes, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 SOUTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (29 OF 29)

SHEET NUMBER: GP-29
 CONTRACT: 2024.02
 52 OF 52