

Date: 11/11/2024



THE GOLD STAR
MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY

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

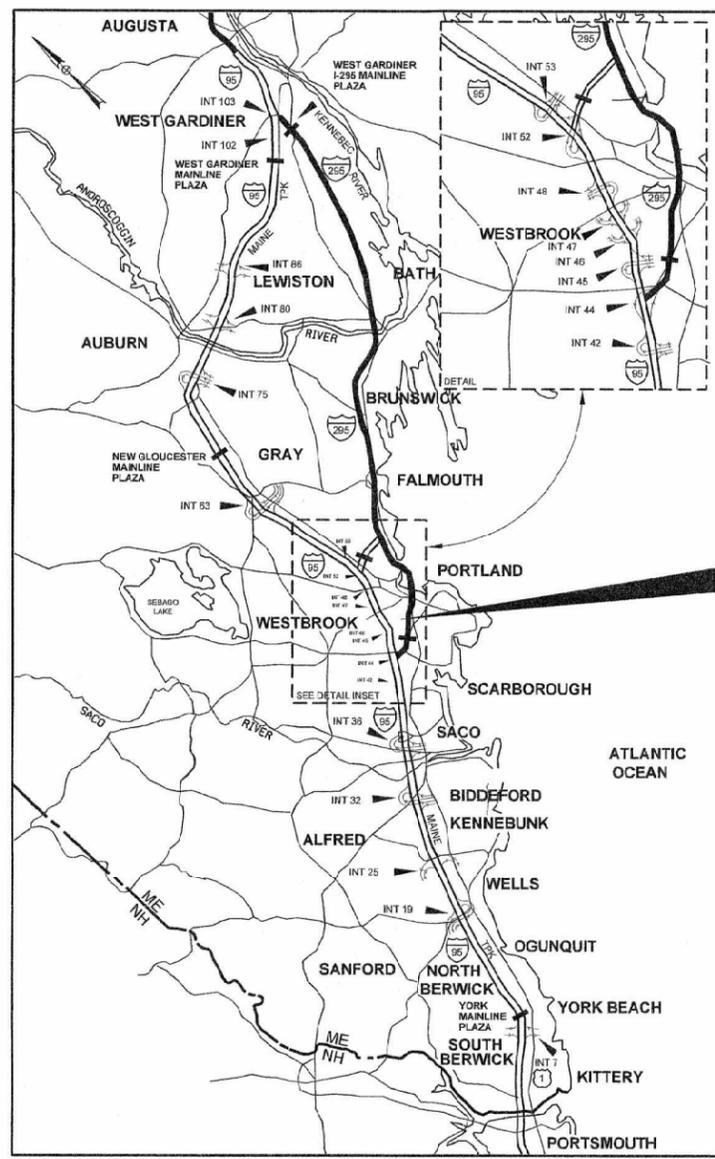
PETER S. MERFELD, P.E., INTERIM EXECUTIVE DIRECTOR

CONTRACT 2025.02
PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

CONTRACT 2025.02 PORTLAND AREA PAVEMENT REHABILITATION NORTHBOUND MM 42.0 TO MM 49.3

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LOCATION MAP

CONTRACT 2025.02



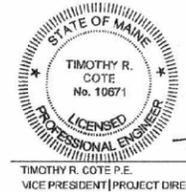
APPROVED:
MAINE TURNPIKE AUTHORITY

Peter S. Merfeld
PETER S. MERFELD, P.E. - CHIEF OPERATIONS OFFICER & INTERIM EXECUTIVE DIRECTOR

DATE 11/12/24

Stephen R. Tarre
STEPHEN R. TARRÉ, P.E., - CHIEF ENGINEER/DIRECTOR OF ENGINEERING

DATE 11/12/24



Timothy R. Cote
TIMOTHY R. COTE P.E.
VICE PRESIDENT/PROJECT DIRECTOR

DATE 11/11/2024

Filename: 001_Title_Sheet.dgn

Date: 11/12/2024

ESTIMATED QUANTITIES			
ITEM NO.	DESCRIPTION	TOTAL QUANTITY	UNIT
202.202	REMOVING PAVEMENT SURFACE - MAINLINE	37,500	SY
202.205	RUMBLE STRIPS	54,000	EA
203.20	COMMON EXCAVATION	70	CY
304.10	AGGREGATE SUBBASE COURSE - GRAVEL	345	CY
304.14	AGGREGATE BASE COURSE - TYPE A	260	CY
403.2081	HOT MIX ASPHALT - 12.5 MM NOMINAL MAXIMUM SIZE (POLYMER MODIFIED)	23,000	T
403.211	HOT MIX ASPHALT, 9.5 MM NOMINAL MAXIMUM SIZE (SHIMMING)	600	T
403.213	HOT MIX ASPHALT, 12.5 MM NOMINAL MAXIMUM SIZE (BASE AND INTERMEDIATE BASE COURSE)	1,900	T
409.152	BITUMINOUS TACK COAT TRACKLESS - APPLIED	20,000	GAL
424.3231	ASPHALT RUBBER MASTIC CRACK SEALER - APPLIED	36,000	LB
424.324	ASPHALT RUBBER MASTIC CRACK SEALER WITH AGGREGATE	4,000	LB
427.09	PAVEMENT CRACK REPAIR	300	LF
470.08	BERM DROPOFF CORRECTION - GRINDINGS	41,800	LF
470.081	BERM CORRECTION	2,600	LF
604.18	ADJUSTING MANHOLE OR CATCH BASIN TO GRADE	38	EA
606.178	GUARDRAIL BEAM	300	LF
606.352	REFLECTORIZED BEAM GUARDRAIL DELINEATORS	120	EA
606.353	REFLECTORIZED FLEXIBLE GUARDRAIL MARKER	5	EA
606.3621	GUARDRAIL ADJUST, SINGLE RAIL	3,050	LF
606.3622	GUARDRAIL ADJUST, DOUBLE RAIL	2,200	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	15,700	LF
627.731	TEMPORARY 6 INCH BLACK PAVEMENT MARKING TAPE	2,600	LF
627.78	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW	1,000	LF
627.812	TEMPORARY RAISED PAVEMENT MARKERS	5,000	EA
627.94	PAVEMENT MARKING TAPE	9,050	LF
627.941	PAVEMENT MARKING TAPE - DOTTED WHITE LANE LINE, 6-INCH WIDTH	3,150	LF
627.944	PAVEMENT MARKINGS - RECESSED TAPE - WORDS, ARROW AND STOP BARS	270	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
631.32	CULVERT CLEANER (INCLUDING OPERATORS)	25	HR
631.36	FOREMAN	25	HR
652.30	FLASHING ARROW	4	EA
652.312	TYPE III BARRICADES	15	EA
652.33	DRUM	450	EA
652.34	CONE	450	EA
652.35	CONSTRUCTION SIGNS	2,500	SF
652.361	MAINTENANCE OF TRAFFIC CONTROL DEVICES	1	LS
652.41	PORTABLE-CHANGEABLE MESSAGE SIGN	5	EA
652.47	SEQUENTIAL FLASHING WARNING LIGHTS	80	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.
- THE CONTRACTOR SHALL MEASURE THE EXISTING CROSS SLOPES FOR LANE 1, 2, 3, AND THE INSIDE AND OUTSIDE SHOULDER EVERY 1/4 MILE AND REPORT TO THE RESIDENT PRIOR TO MILLING. PAYMENT FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO 403 PAY ITEMS.

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.
- LOAM, SEED, AND MULCH REQUIRED TO REPAIR PROJECT DISTURBED AREAS, AS DIRECTED BY THE RESIDENT, WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCIDENTAL TO THE CONTRACT.

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.
- MID-WAY SPLICE GUARDRAIL HEIGHT SHALL BE INSTALLED OR ADJUSTED TO 3' 4" HEIGHT. POST SPLICE GUARDRAIL HEIGHT SHALL BE ADJUSTED TO 30" 0". 1/2". MAX 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. CONTRACTOR SHALL CHECK ALL GUARDRAIL HEIGHTS.
- 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:					
HNTB					
CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
	Designed	DEB 11\24	Checked	PEM 11\24	
	Drawn	DEB 11\24	In Charge of	TRC 11\24	

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**THE GOLD STAR
MEMORIAL HIGHWAY**

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

**PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3**

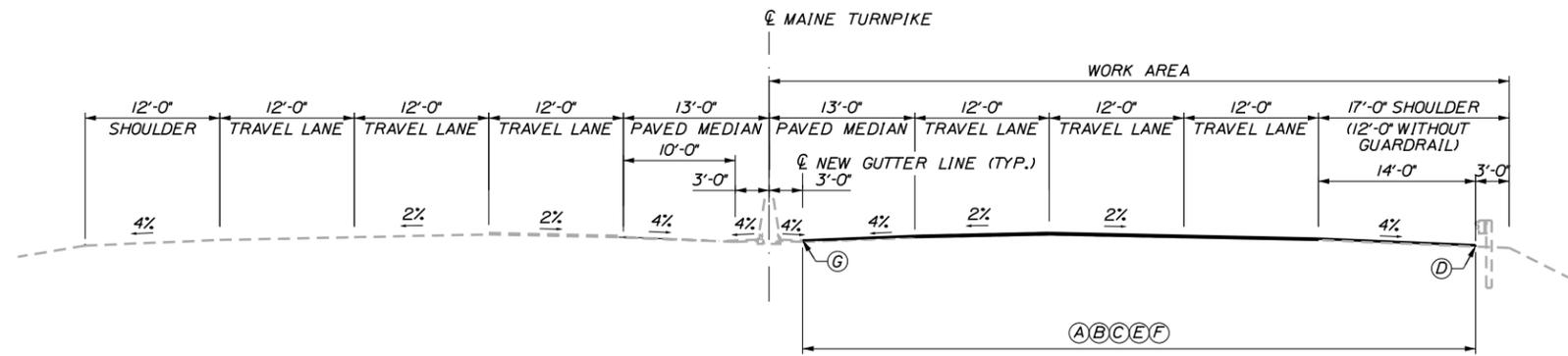
GENERAL NOTES

SHEET NUMBER: GN-01

CONTRACT: 2025.02

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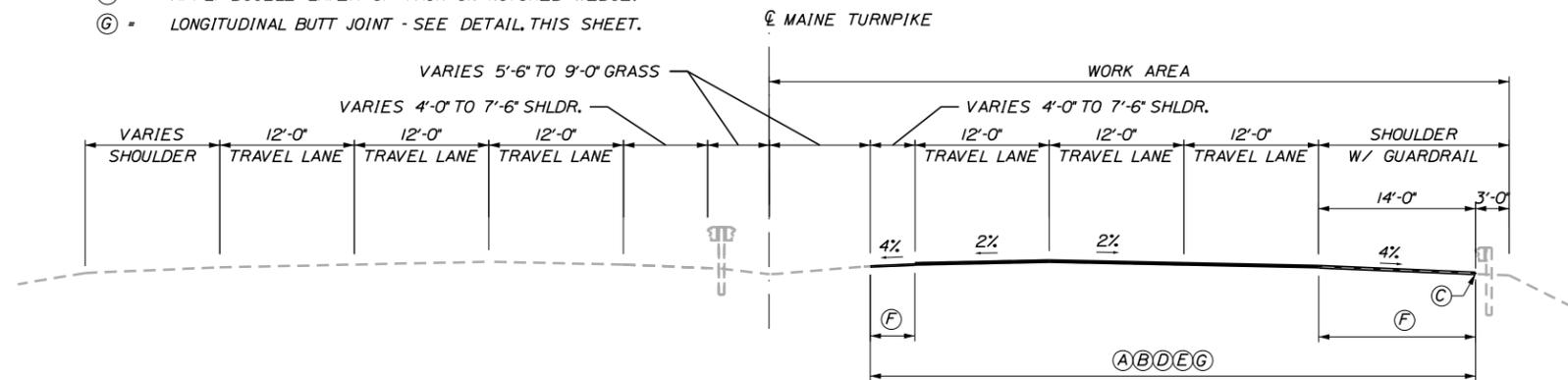
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OVERLAY WITH MEDIAN BARRIER

STATION TO STATION	
2121+70.00	2315+64.41
2320+81.75	2375+95.00
2380+51.00	2435+36.00*

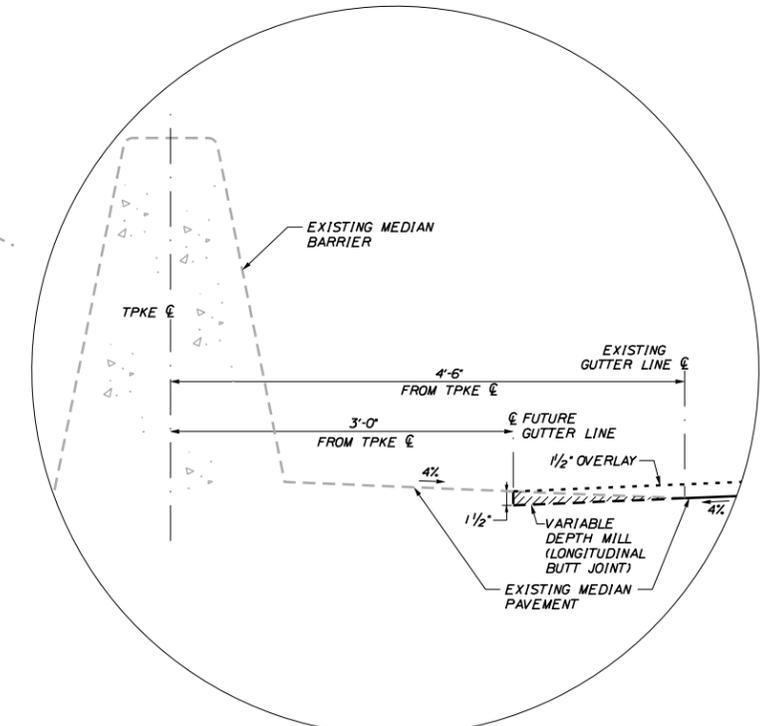
- (A) = 1/2" HOT MIX ASPHALT 12.5mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED) - OVERLAY.
- (B) = LIMITS OF OVERLAY WITHOUT GUARDRAIL (58'-0").
- (C) = LIMITS OF OVERLAY WITH GUARDRAIL (60'-0").
- (D) = BERM DROPOFF CORRECTION - GRINDINGS.
- (E) = A COATING OF HOT RUBBERIZED ASPHALT (ASTM D6690 TYPE IV) 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 403.2081.
- (F) = APPLY DOUBLE LAYER OF TACK ON NOTCHED WEDGE.
- (G) = LONGITUDINAL BUTT JOINT - SEE DETAIL, THIS SHEET.



OVERLAY WITH MEDIAN GUARDRAIL AND SHOULDER REHABILITATION

STATION TO STATION	
2070+95	2121+70

- (A) = 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 1/2" MILL AND 1/2" FILL SHOULDER REHABILITATION (PRIOR TO 1/2" OVERLAY). WIDTH VARIES. SEE PLANS & NOTES.
- (G) = LIMITS OF 1/2" OVERLAY (WIDTH VARIES).



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 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 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 304.14.
7. 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
Designed	PEM	11\24	Checked	EPR	11\24
Drawn	EKK	11\24	In Charge of	TRC	11\24

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**MAINE
TURNPIKE**

**THE GOLD STAR
MEMORIAL HIGHWAY**

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

**PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3**

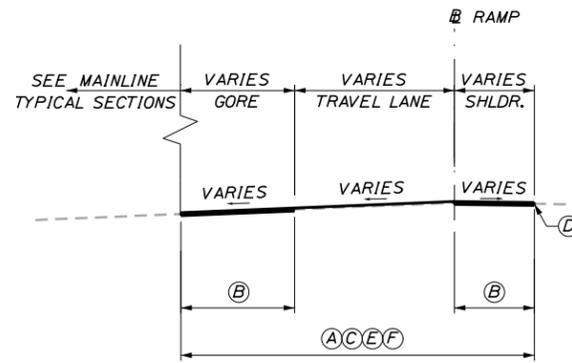
TYPICAL SECTIONS (1 OF 2)

SHEET NUMBER: TYP-1
3 OF 50

CONTRACT: 2025.02

Filename: Typical.dgn

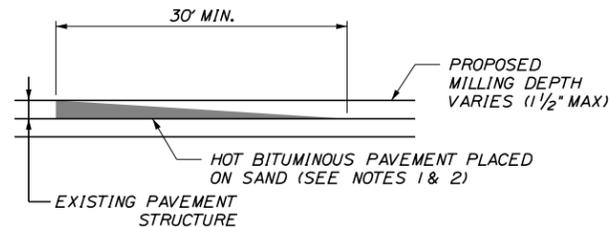
Date: 11/12/2024



RAMP AND GORE REHABILITATION

STATION TO STATION
11+47 14+82 (EXIT 42 NB OFF)
208+53 216+59 (EXIT 42 NB ON)

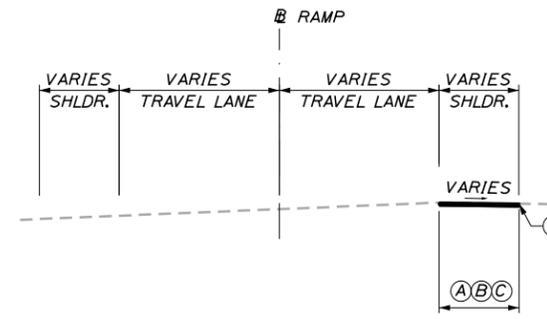
- (A) = 1 1/2" HOT MIX ASPHALT 12.5mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED) - OVERLAY.
- (B) = LIMITS OF 1 1/2" MILL AND 1 1/2" FILL SHOULDER REHABILITATION (PRIOR TO 1 1/2" OVERLAY). HMA FILL TO MATCH EXISTING. WIDTH VARIES. SEE PLANS & NOTES.
- (C) = LIMITS OF 1 1/2" RAMP OVERLAY (WIDTH VARIES).
- (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 403.2081.
- (F) = APPLY DOUBLE LAYER OF TACK ON NOTCHED WEDGE.



TEMPORARY BITUMINOUS RAMP
NOT TO SCALE

NOTES:

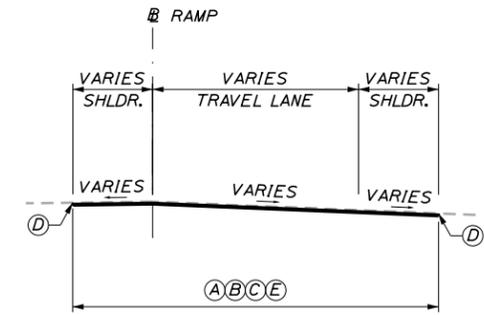
1. HOT MIX ASPHALT FOR TEMPORARY RAMPS SHALL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCIDENTAL TO ITEM 403.2081.
2. REMOVAL OF TEMPORARY BITUMINOUS RAMPS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCIDENTAL TO ITEM 403.2081.



RAMP SHOULDER 1 1/2" MILL AND FILL REHABILITATION

STATION TO STATION
190+80 201+30 (EXIT 44 NB OFF)

- (A) = 1 1/2" HOT MIX ASPHALT 12.5mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED) - MILL AND FILL.
- (B) = 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.
- (C) = LIMITS OF 1 1/2" MILL AND 1 1/2" FILL SHOULDER REHABILITATION. HMA FILL TO MATCH EXISTING. WIDTH VARIES. SEE PLANS & NOTES.
- (D) = BERM DROPOFF CORRECTION - GRINDINGS.

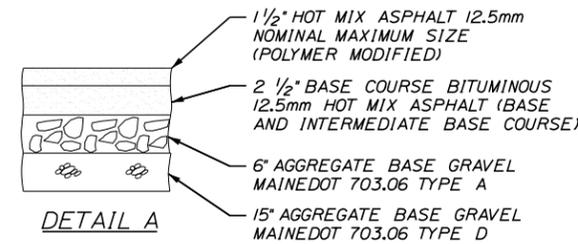
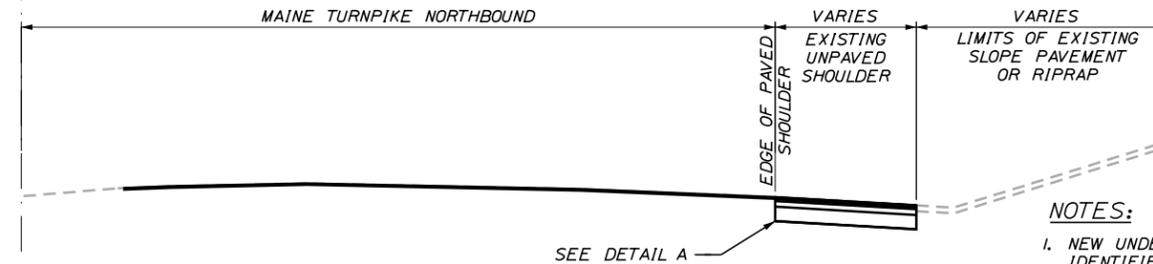


RAMP 1 1/2" MILL AND FILL AND 1 1/2" OVERLAY REHABILITATION

STATION TO STATION
145+00 148+70 (EXIT 48 NB OFF)

- (A) = 1 1/2" HOT MIX ASPHALT 12.5mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED) - MILL AND FILL.
- (B) = 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.
- (C) = APPLY DOUBLE LAYER OF TACK ON NOTCHED WEDGE.
- (D) = BERM DROPOFF CORRECTION - GRINDINGS.
- (E) = LIMITS OF 1 1/2" MILL AND 1 1/2" FILL REHABILITATION. HMA FILL TO MATCH EXISTING. WIDTH VARIES. SEE PLANS & NOTES.

MAINE TURNPIKE



UNDERPASS PAVING DETAIL
NOT TO SCALE

NOTES:

1. NEW UNDERPASS PAVEMENT SHALL BE INSTALLED AT LOCATIONS IDENTIFIED ON THE PLANS AND SHALL NOT EXTEND HORIZONTALLY BEYOND THE LIMITS OF THE BRIDGE FASCIA ABOVE. UNDERPASS PAVING LIMITS SHALL BE APPROVED BY THE RESIDENT BEFORE PAVING BEGINS.
2. THE LIMITS OF PROPOSED PAVING SHALL BE GRUBBED 6 INCHES OR AS DIRECTED BY THE RESIDENT, PAID UNDER ITEM 203.20 COMMON EXCAVATION.
3. AT THE DIRECTION OF THE RESIDENT, THE CONTRACTOR SHALL NOT REMOVE AND REPLACE EXISTING SUBBASE GRAVEL THAT MEETS THE REQUIREMENTS OF TYPE D GRAVEL, FOLLOWING ACCEPTANCE OF THE SUBBASE MATERIAL, THE CONTRACTOR SHALL SHIM THE SUBBASE LAYER AS REQUIRED TO ALLOW FOR THE SPECIFIED PAVEMENT THICKNESS USING AGGREGATE BASE COURSE, TYPE A. THE CONTRACTOR WILL BE PAID BASED ON THE ACTUAL QUANTITY OF MATERIAL REMOVED AND REPLACED.
4. FINAL GUTTER LINE SLOPE SHALL MATCH OR IMPROVE EXISTING SWALE SLOPE, AS DIRECTED BY RESIDENT.
5. LOAM, SEED, AND MULCH REQUIRED TO REPAIR PROJECT DISTURBED AREAS, AS DIRECTED BY THE RESIDENT, WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCIDENTAL TO THE CONTRACT.

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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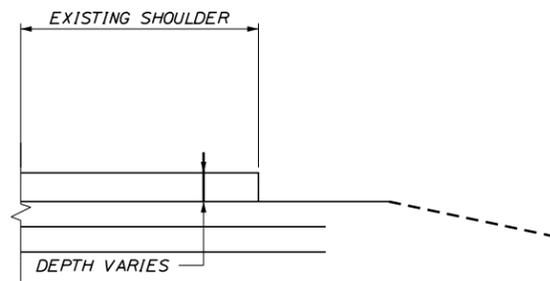
**PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3**

TYPICAL SECTIONS (2 OF 2)

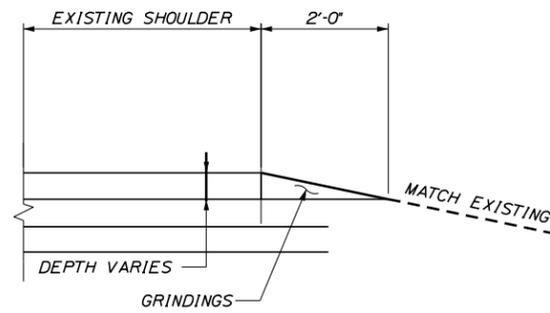
SHEET NUMBER: TYP-2
CONTRACT: 2025.02
4 OF 50

Filename: Typicals.dgn

Date: 11/12/2024

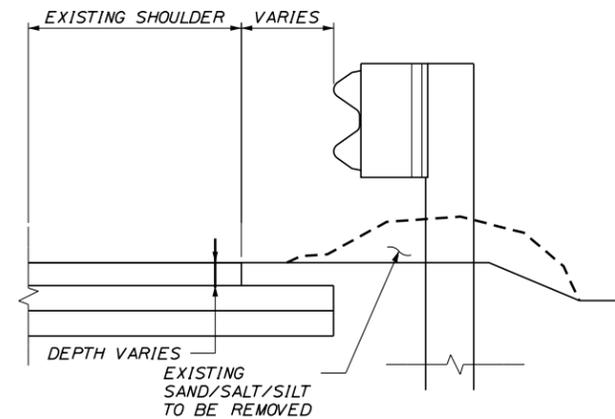


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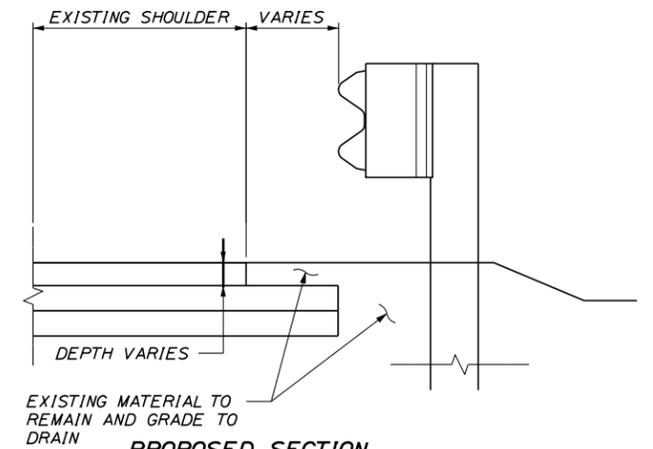


PROPOSED SECTION

DETAIL A
BERM DROPOFF CORRECTION WITHOUT GUARDRAIL
NOT TO SCALE

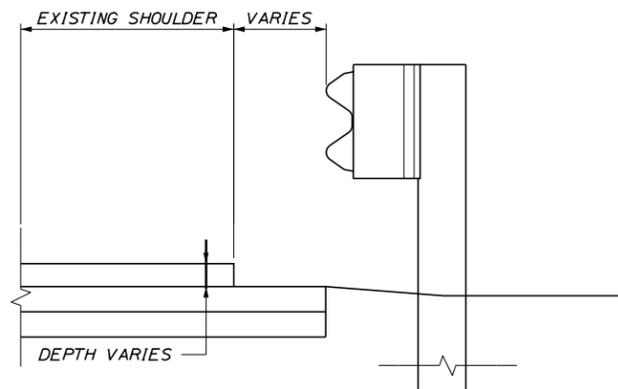


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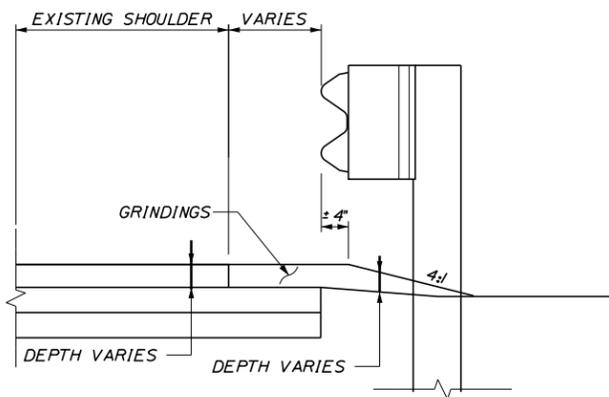


PROPOSED SECTION

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	11\24	Checked	EPR	11\24
Drawn	EKK	11\24	In Charge of	TRC	11\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

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

**PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3**

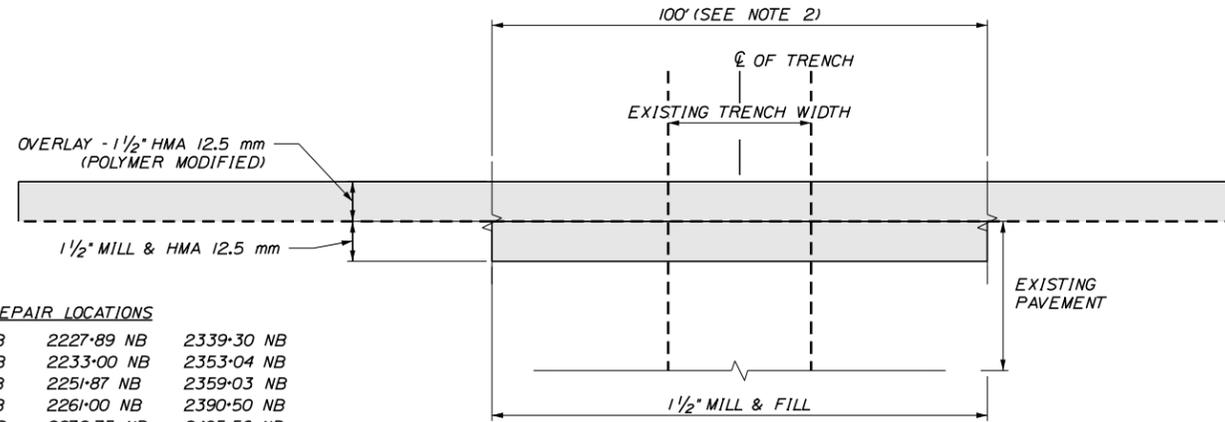
MISCELLANEOUS DETAILS 1

SHEET NUMBER: DET-01
5 OF 50

CONTRACT: 2025.02

Filename: z_Details.dgn

Date: 11/12/2024



TRENCH REPAIR LOCATIONS

2129+00 NB	2227+89 NB	2339+30 NB
2139+50 NB	2233+00 NB	2353+04 NB
2144+50 NB	2251+87 NB	2359+03 NB
2148+50 NB	2261+00 NB	2390+50 NB
2150+25 NB	2272+75 NB	2405+56 NB
2157+00 NB	2277+00 NB	2412+50 NB
2163+50 NB	2280+00 NB	2416+50 NB
2195+05 NB	2289+47 NB	2423+60 NB
2218+50 NB	2296+43 NB	
2227+63 NB	2333+10 NB	

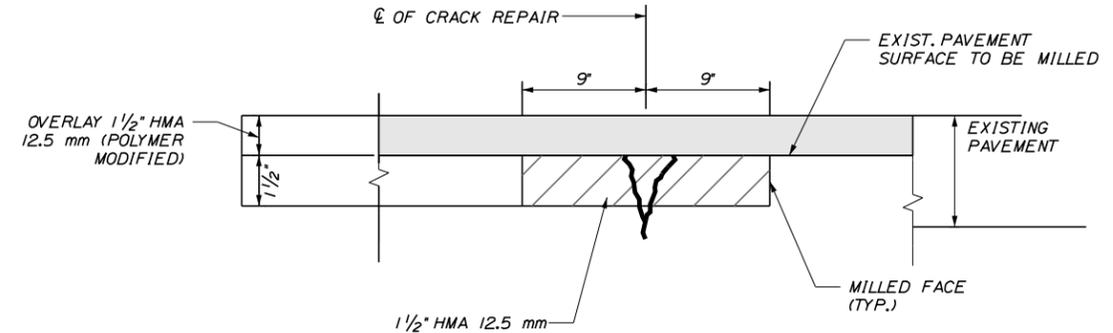
CULVERT TRENCH REPAIR SECTION

NOT TO SCALE

NOTES:

1. 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.
2. CULVERT TRENCH REPAIR LENGTH SHALL BE 100' IN LENGTH OR AS DIRECTED BY THE RESIDENT.
3. DRAINAGE PATHS REQUIRED FOR TRENCH REPAIR WILL NOT BE MEASURED FOR PAYMENT BUT WILL BE CONSIDERED INCIDENTAL TO THE TRENCH REPAIR ITEM.
4. MILLED AREAS FOR TRENCH REPAIR THAT ARE NOT FILLED WITH PAVEMENT IN THE SAME WORK SHIFT WILL BE REQUIRED TO HAVE TEMPORARY BITUMINOUS RAMPS BEFORE OPENING TO TRAFFIC.

AND AS DIRECTED BY THE RESIDENT

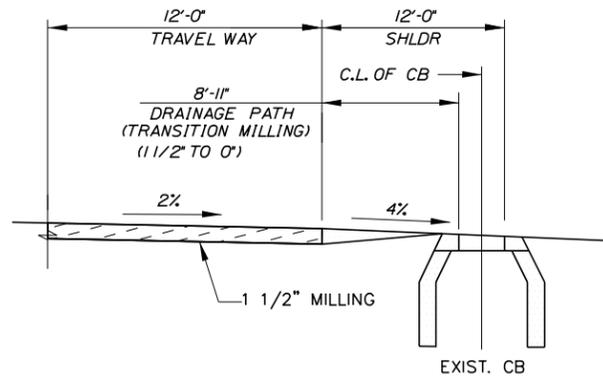


PAVEMENT CRACK REPAIR SECTION

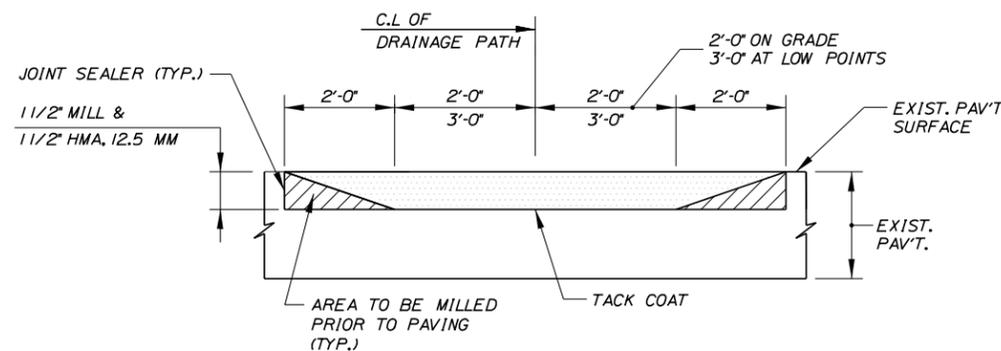
NOT TO SCALE

NOTE:

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



DRAINAGE PATH SECTION



DRAINAGE PATH DETAIL

Scale: NOT TO SCALE

Designed by:



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THE GOLD STAR
MEMORIAL HIGHWAY

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

MISCELLANEOUS DETAILS 2

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
Designed	PEM	11\24	Checked	EPR	11\24
Drawn	EKK	11\24	In Charge of	TRC	11\24

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

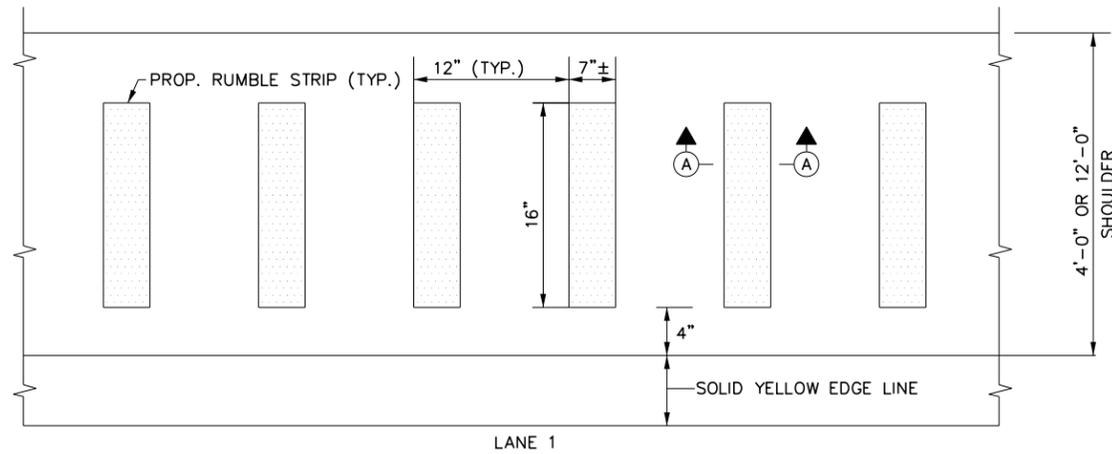
CONTRACT: 2025.02

SHEET NUMBER: DET-02

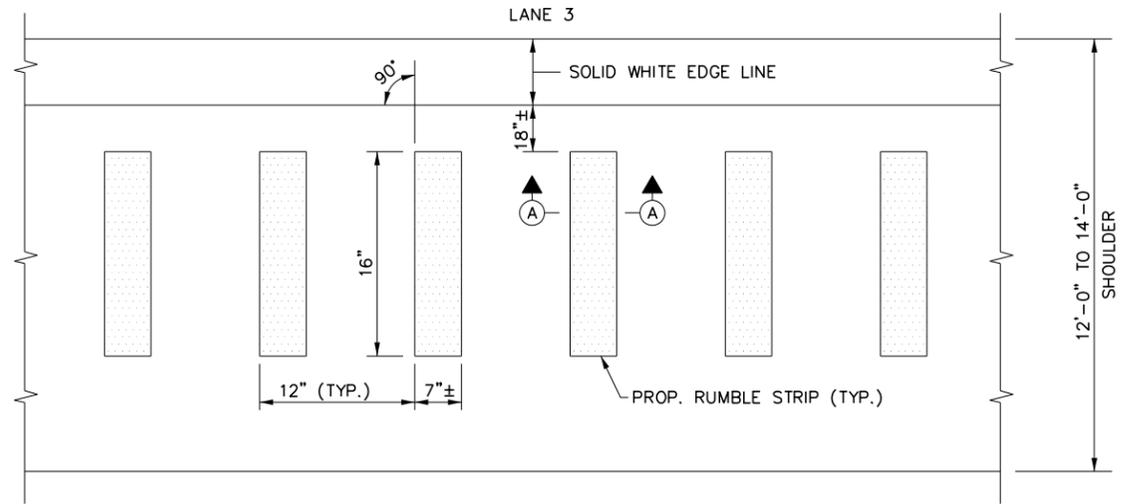
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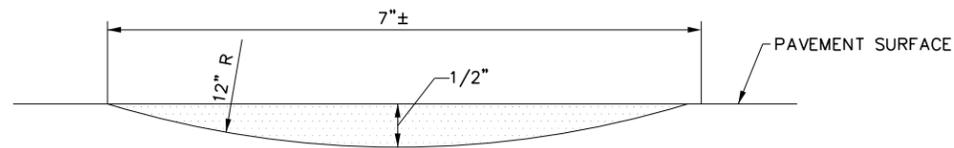
Date: 11/12/2024



PLAN VIEW – LANE 1
N.T.S.



PLAN VIEW – LANE 3
N.T.S.

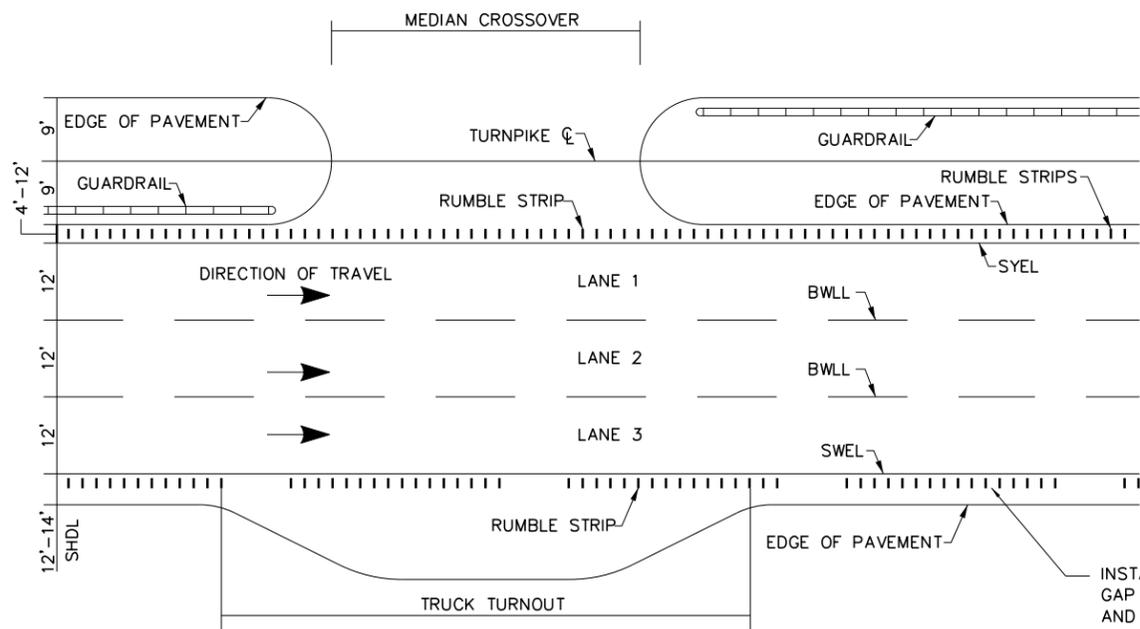


SECTION A-A
N.T.S.

RUMBLE STRIPS DETAILS
N.T.S.

RUMBLE STRIPS:

MM 42.0 – MM 49.3 NORTHBOUND 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	11\24	Checked	EPR	11\24
	Drawn	EKK	In Charge of	TRC	11\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

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

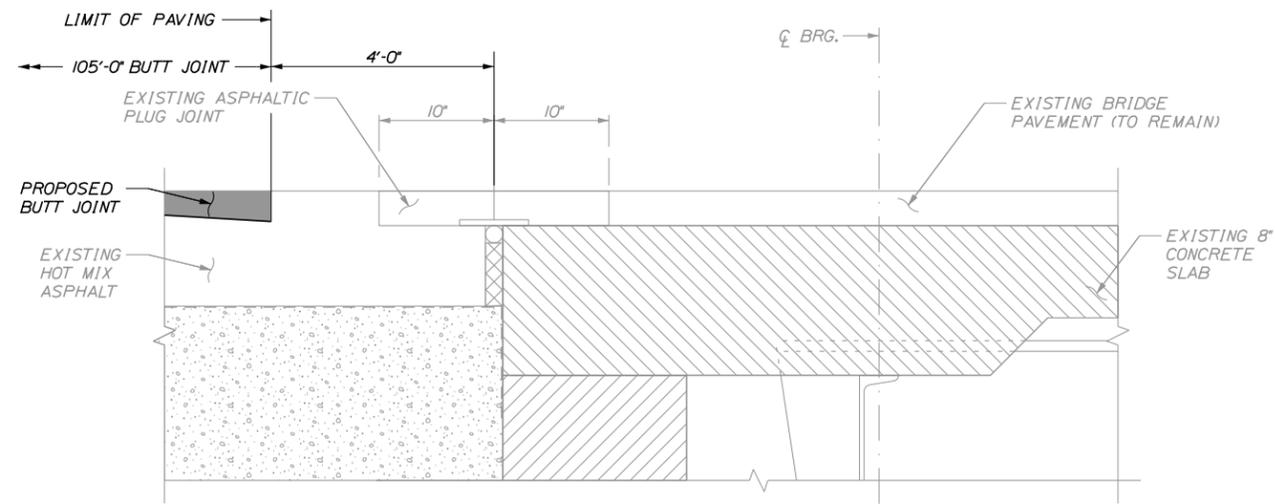
**PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3**

MISCELLANEOUS DETAILS 4

SHEET NUMBER: DET-04
8 OF 50

CONTRACT: 2025.02

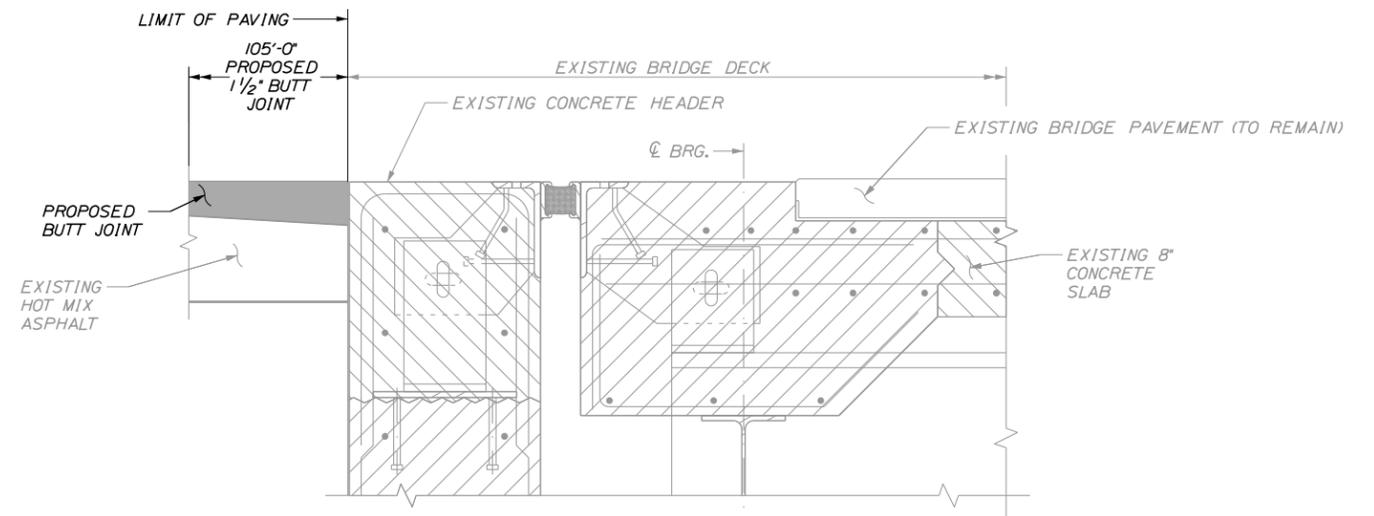
Filename: z_Details.dgn



BUTT JOINT LIMIT AT ASPHALTIC PLUG JOINT DETAIL
N.T.S.

NOTE:

1. ASPHALTIC PLUG JOINT - PAVING LIMITS SHOW LIMIT OF PROPOSED PAVING BASED ON THE LOCATION OF THE EXISTING ASPHALTIC PLUG JOINT ON THE SOUTHERN ABUTMENT OF THE MAINE CENTRAL RAILROAD BRIDGE AND THE SOUTHERN ABUTMENT OF THE WARREN AVENUE BRIDGE. SEE PLAN VIEW ON GP-24 AND GP-29 FOR ADDITIONAL INFORMATION.



BUTT JOINT LIMIT AT COMPRESSION JOINT DETAIL
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

Designed by:



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**THE GOLD STAR
MEMORIAL HIGHWAY**

**PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3**

MISCELLANEOUS DETAILS 5

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
Designed	PEM	11\24	Checked	BRG	11\24
Drawn	PEM	11\24	In Charge of	TRC	11\24

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

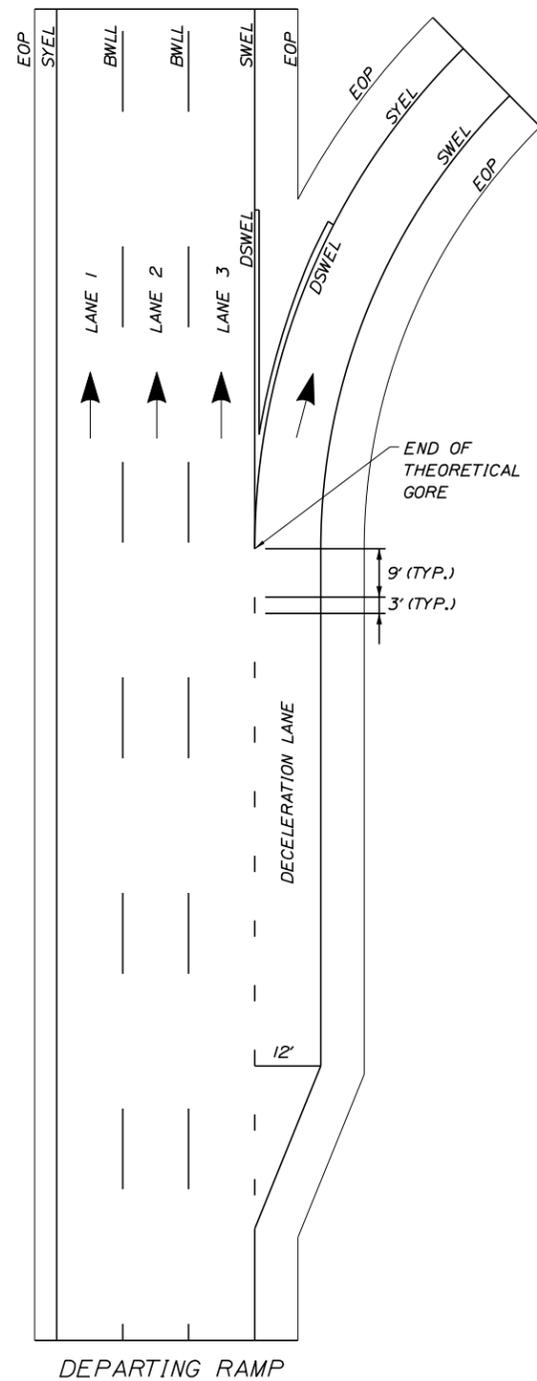
CONTRACT: 2025.02

SHEET NUMBER: DET-05

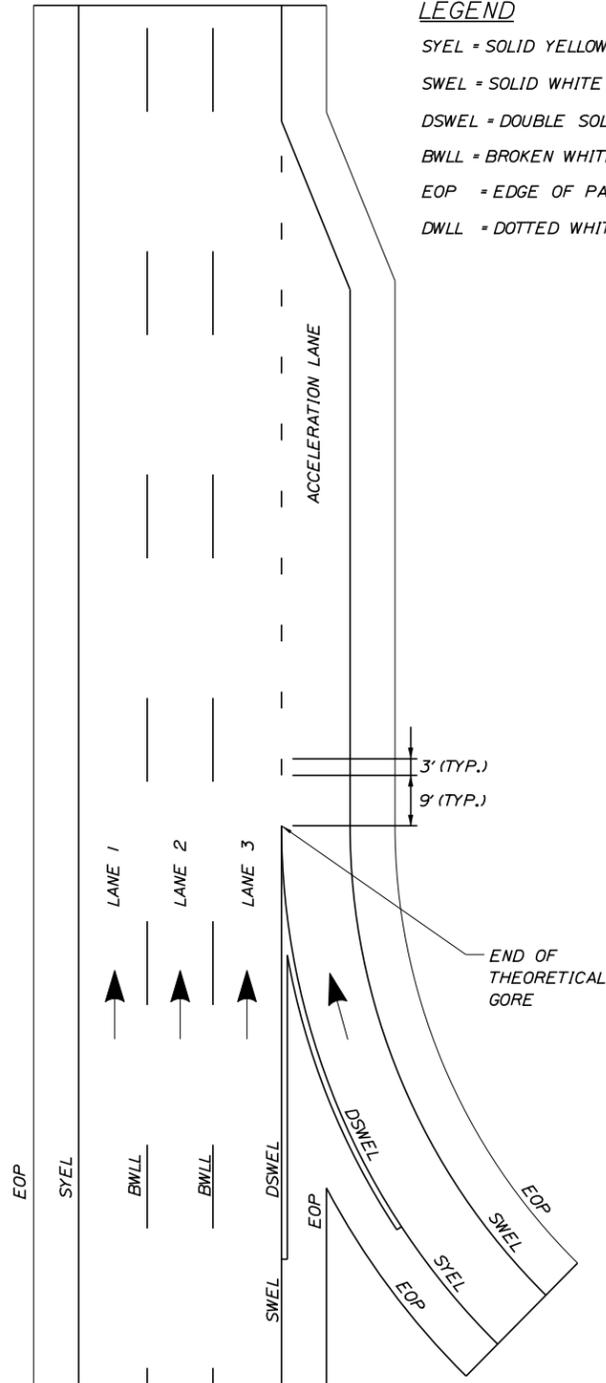
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Filename: z_Details.dgn

Date: 11/12/2024



DEPARTING RAMP

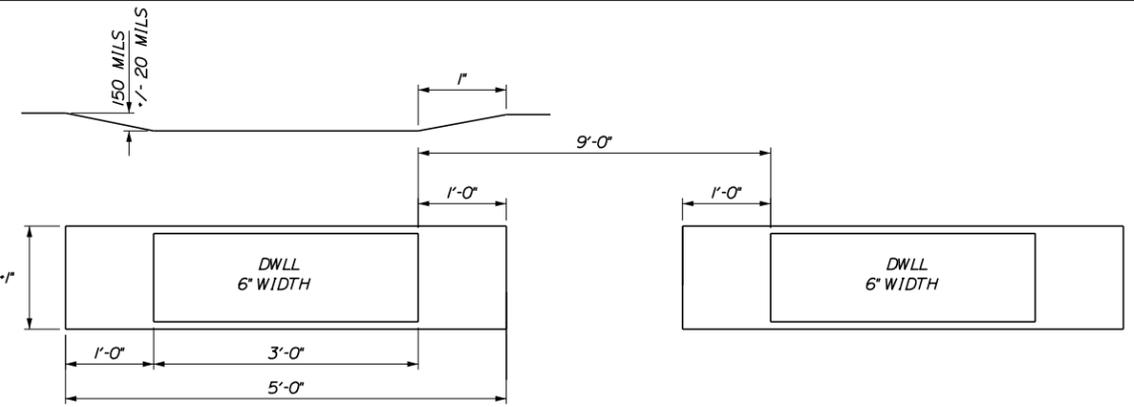


ENTERING RAMP

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)

TAPE WIDTH 4"



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	NB OFF RAMP	2084+64	2088+50	386	97
EXIT 42	NB ON RAMP	2118+39	2123+41	502	126
EXIT 45	NB OFF RAMP	2196+00	2209+72	1372	343
EXIT 45	NB ON RAMP	2244+32	2252+50	818	205
EXIT 46	NB OFF RAMP	2273+50	2280+30	680	170
EXIT 46	NB ON RAMP	2299+00	2310+60	1160	290
EXIT 47	NB OFF RAMP	2336+00	2343+24	724	181
EXIT 47	NB ON RAMP	2356+91	2370+50	1359	340
EXIT 48	NB OFF RAMP	2391+50	2403+50	1200	300
EXIT 48	NB ON RAMP	2416+00	2428+00	1200	300
TOTAL					2352

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.
6. CONTRACTOR SHALL REMOVE PAVEMENT MARKING LINES ON THE STROUDWATER RIVER BRIDGE, MAINE CENTRAL RAILROAD BRIDGE, AND WARREN AVENUE BRIDGE AS DIRECTED BY THE RESIDENT, UP TO TWO WEEKS PRIOR TO FINAL STRIPING. REMOVING PAVEMENT MARKING LINES WILL NOT BE MEASURED FOR PAYMENT BUT SHALL BE INCIDENTAL TO THE 627 PAVEMENT MARKING PAY ITEMS.

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

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	11\24	Checked	PEM	11\24
Drawn	CET	11\24	In Charge of	TRC	11\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

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

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

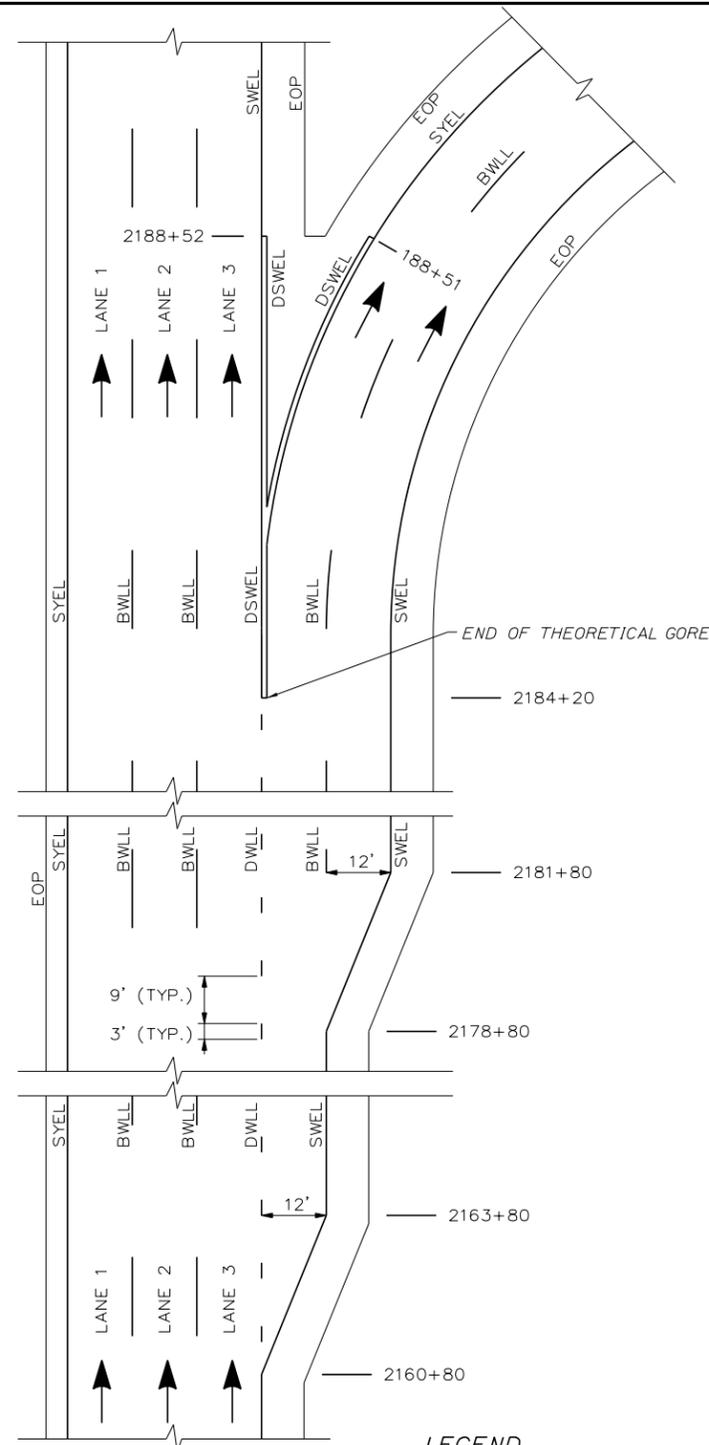
STRIPING DETAILS (1 OF 3)

SHEET NUMBER: DET-06
10 OF 50

CONTRACT: 2025.02

Filename: z_Details.dgn

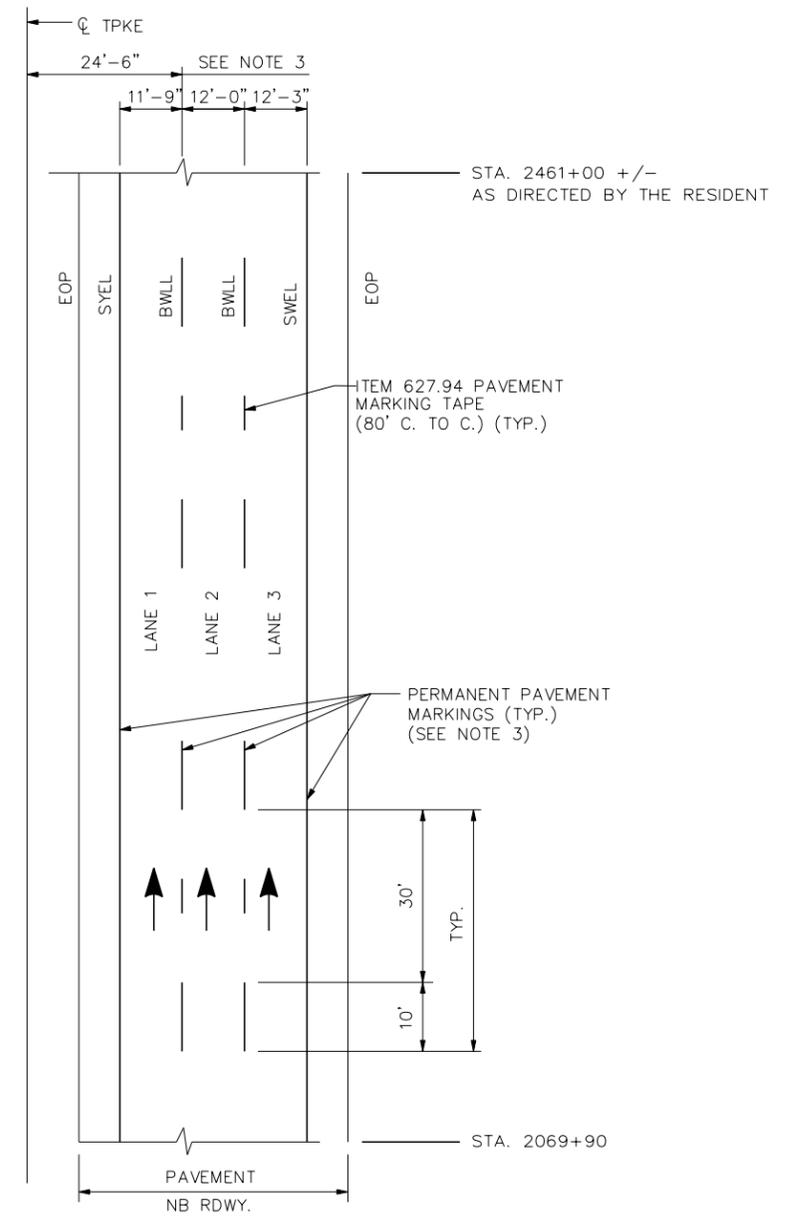
Date: 11/12/2024



EXIT 44 NB OFF

LEGEND

- SYEL = SOLID YELLOW EDGE LINE (6" PAINT)
- SWEL = SOLID WHITE EDGE LINE (6" PAINT)
- DSWEL = DOUBLE SOLID WHITE EDGE LINE (1/2" PAINT)
- BWLL = BROKEN WHITE LANE LINE (6" PAINT)
- EOP = EDGE OF PAVEMENT
- DWLL = DOTTED WHITE LANE LINE (TAPE)



**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 NORTHBOUND SIDE ONLY.
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

Designed by:



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South Portland, ME 04106
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**THE GOLD STAR
MEMORIAL HIGHWAY**

**PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3**

STRIPING DETAILS (2 OF 3)

No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date		By	Date
Designed	PEM	11\24	Checked	EPR	11\24
Drawn	PEM	11\24	In Charge of	TRC	11\24

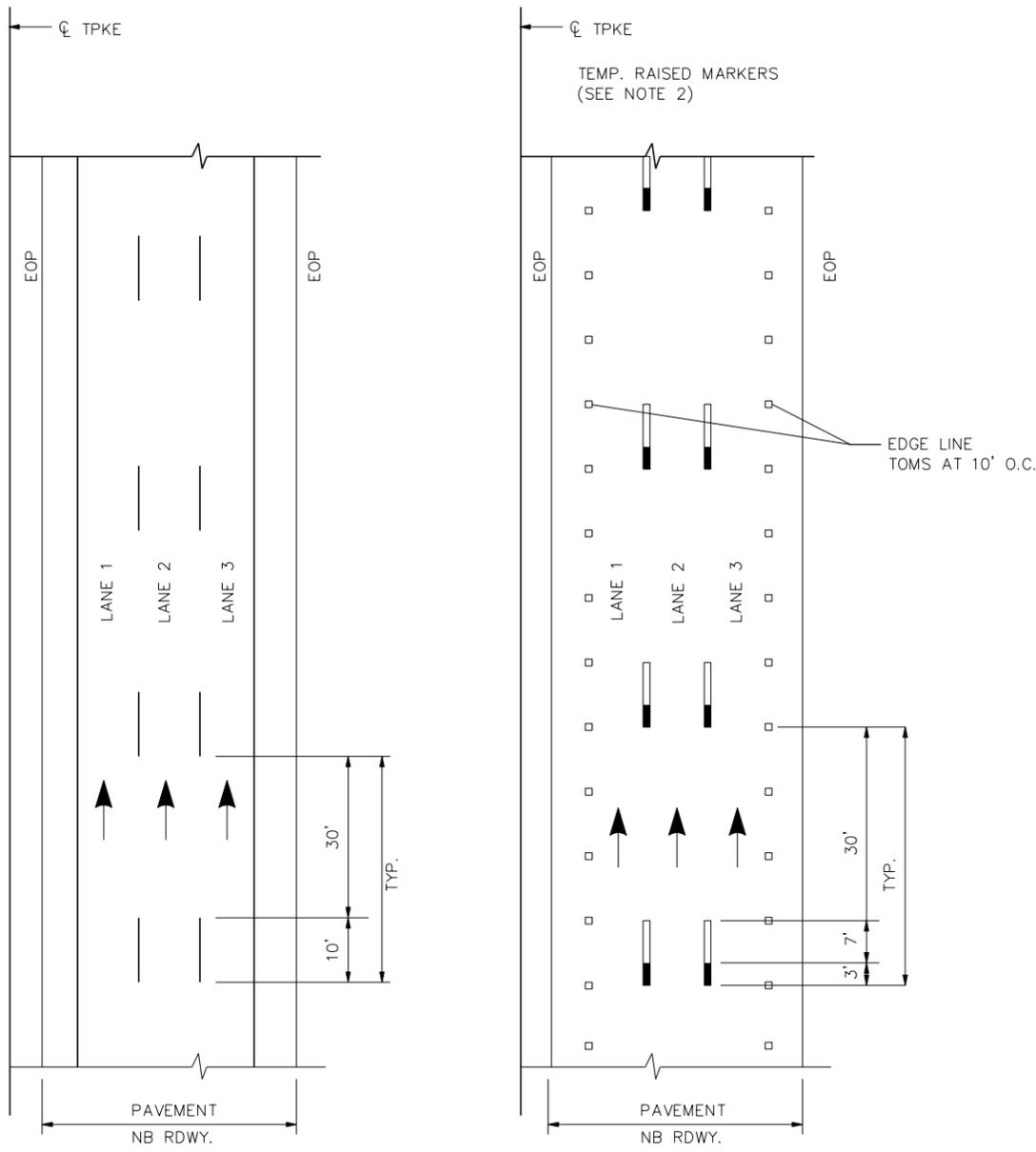
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

CONTRACT: 2025.02

SHEET NUMBER: DET-07

11 OF 50

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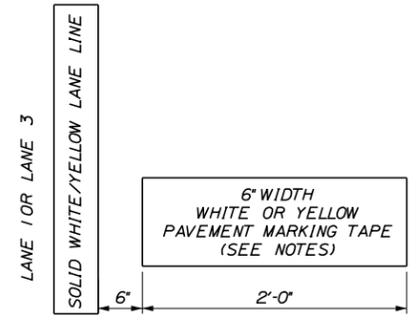


TEMP. PAVEMENT MARKINGS

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" O.C. TO O.C. OR ALTERNATING RAISED PAVEMENT MARKER AND 2' PIECES OF TEMPORARY TAPE, PLACED 10' O.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.
 - TEMPORARY TAPE SHALL BE USED TO DELINEATE THE EDGE OF RAMP TRAVELWAY FROM GORE TO RAMP BUTT JOINT FOLLOWING MILLING UNTIL IT CAN BE FINAL STRIPED.

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**

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	PEM	11\24	Checked	EPR	11\24
Drawn	PEM	11\24	In Charge of	TRC	11\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

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

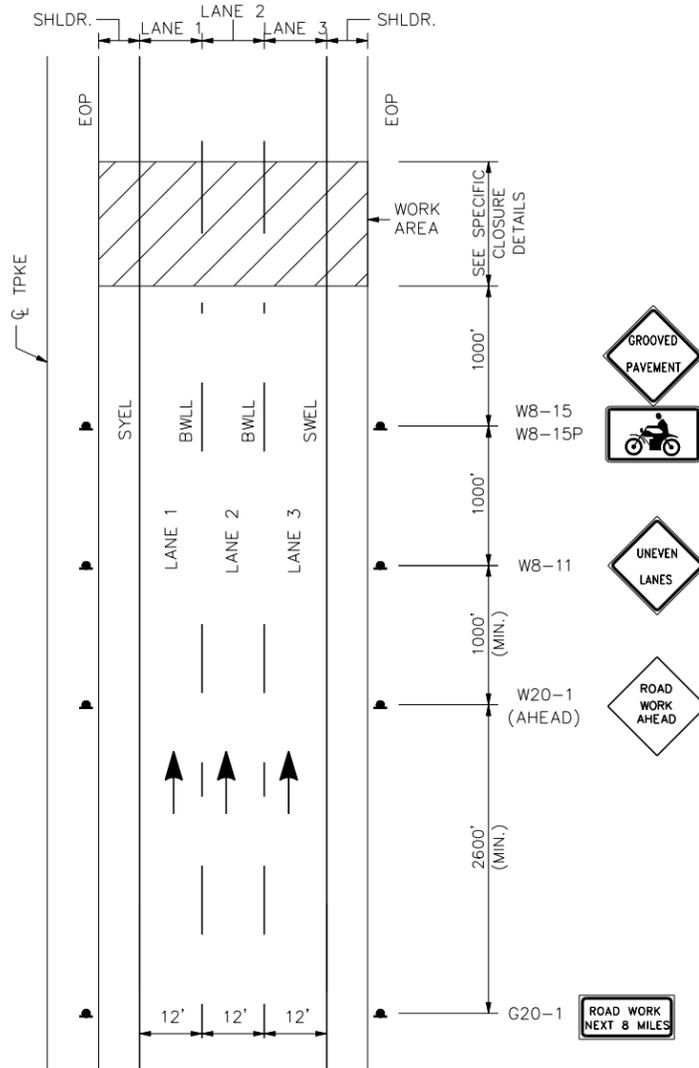
PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

STRIPING DETAILS (3 OF 3)

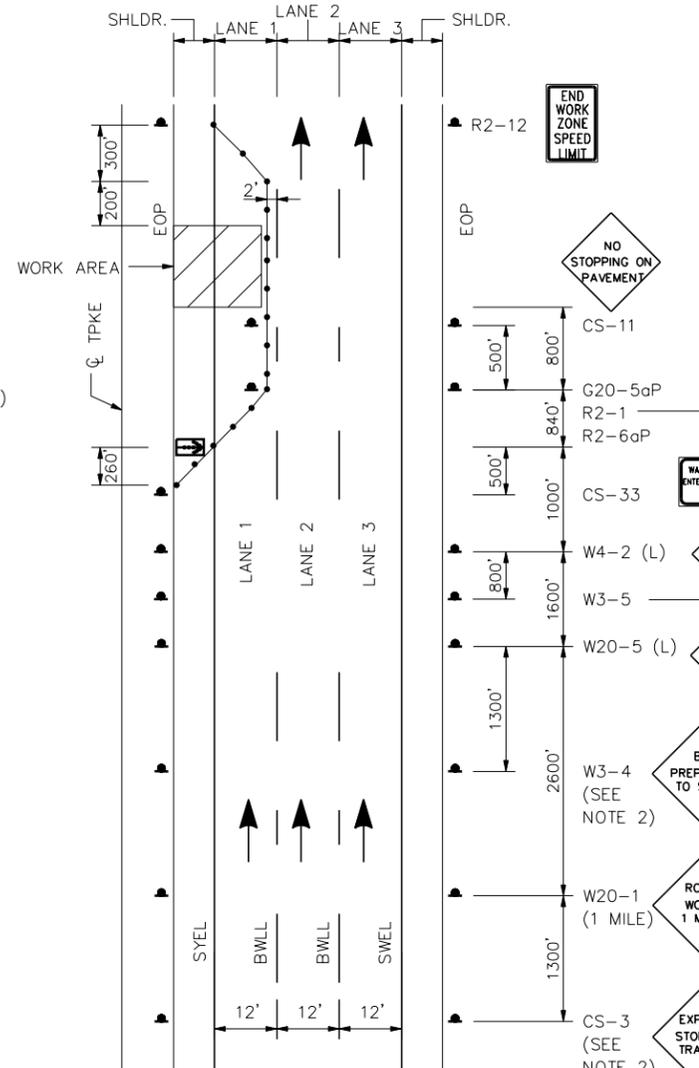
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 CONTRACT: 2025.02
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Filename: z_Details.dgn

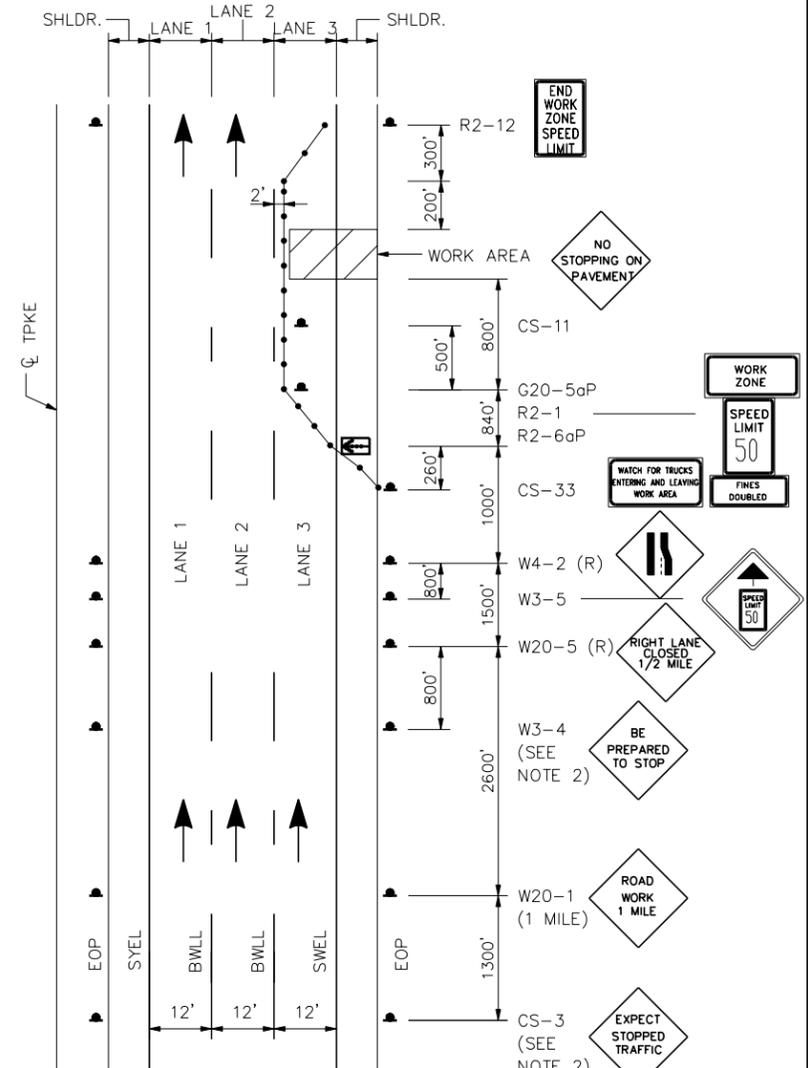
Date: 11/12/2024



**MAINLINE
BEGINNING OF WORK SIGNAGE**



**MAINLINE CLOSURE
WORK IN MEDIAN AND LANE 1**



**MAINLINE CLOSURE
WORK IN SHOULDER AND LANE 3**

NOTES:

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEET.
2. TO BE USED DURING STOPPAGE OF TRAFFIC.
3. DUE TO SEQUENCING OF WORK AREAS, APPROACH SIGNING MAY NEED TO BE MODIFIED AS WORK PROGRESSES.
4. PROVIDE W8-15 AND W8-15P AT ALL MILLED LOCATIONS

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 11\24	Checked	PEM 11\24
Drawn	CET 11\24	In Charge of	TRC 11\24

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**MAINE
TURNPIKE**

**THE GOLD STAR
MEMORIAL HIGHWAY**

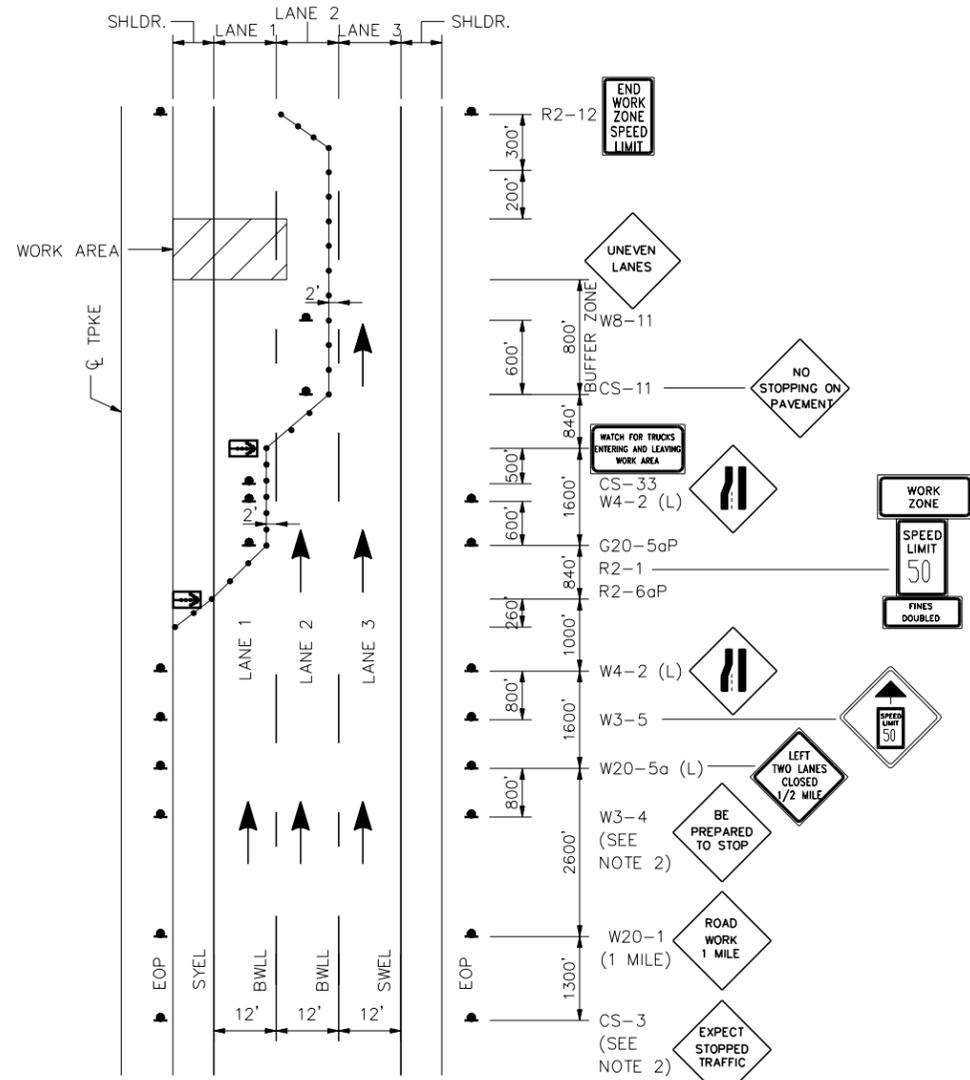
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

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

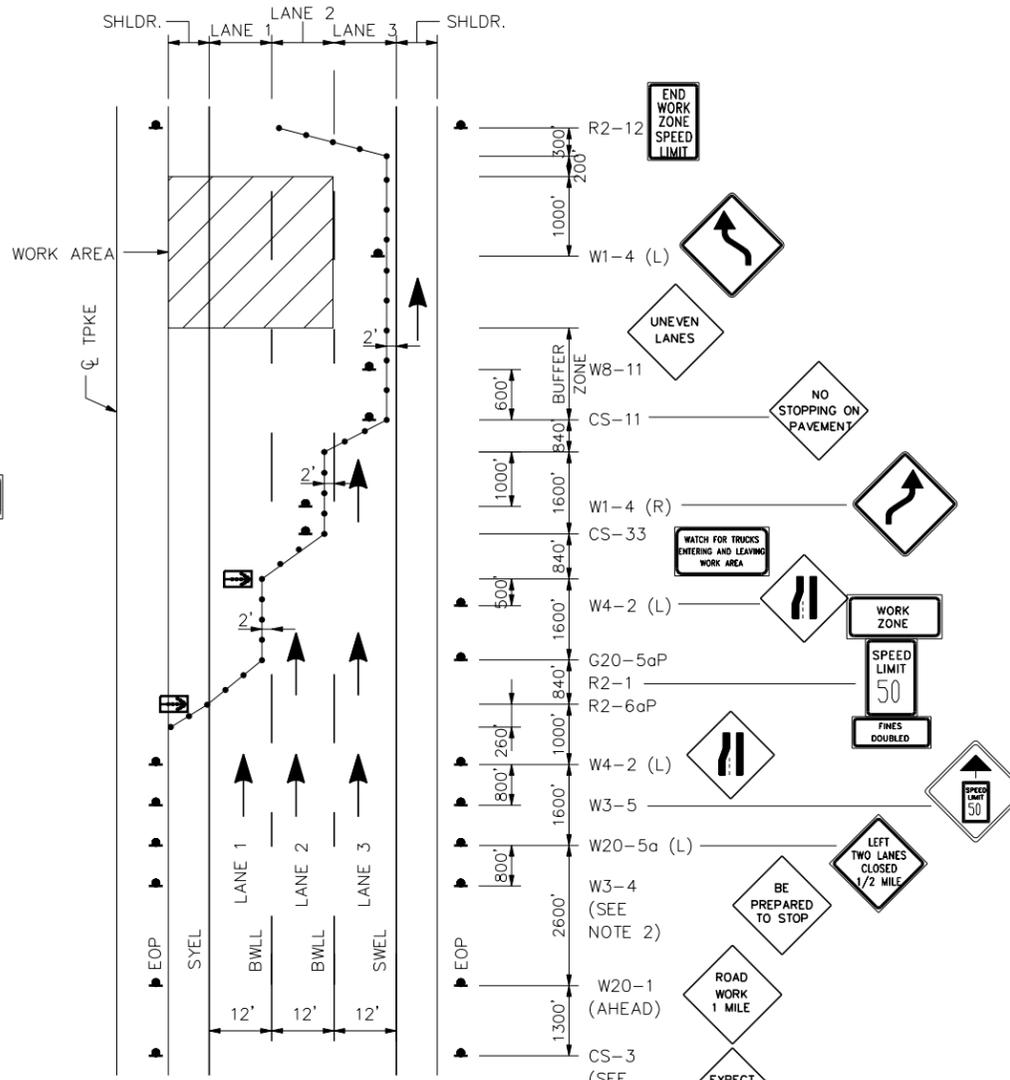
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13 OF 50

CONTRACT: 2025.02

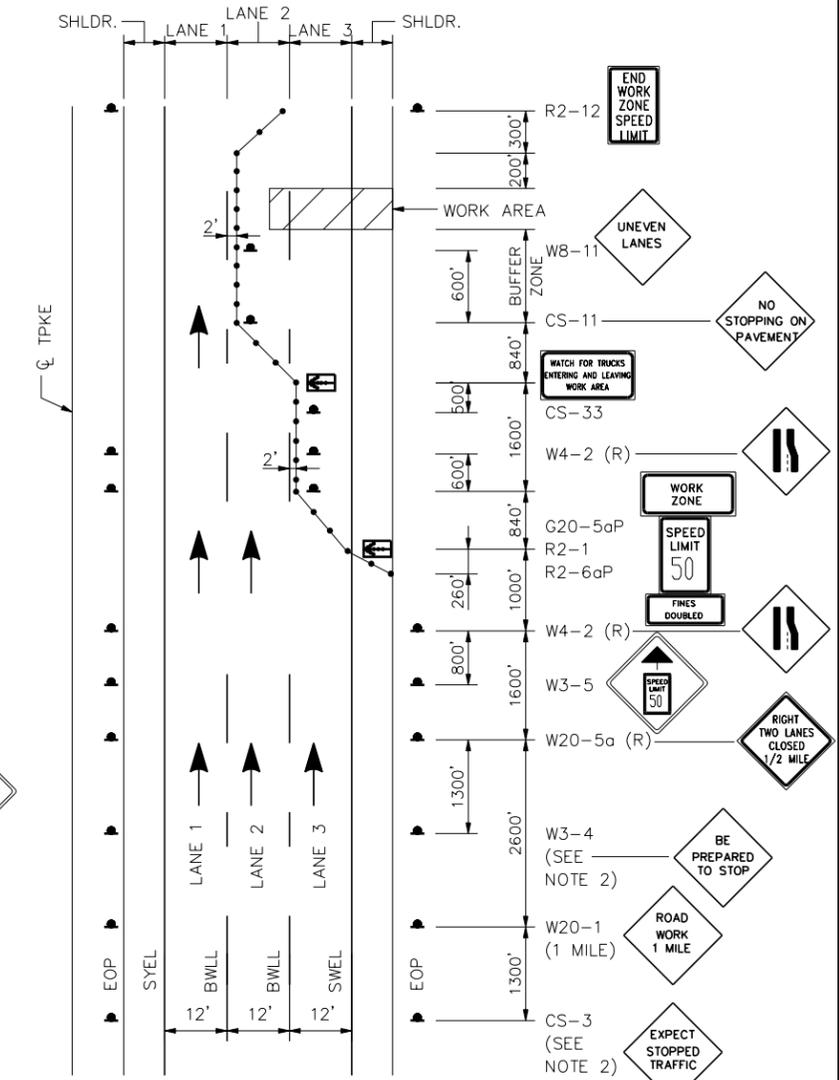
Date: 11/12/2024



**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

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

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

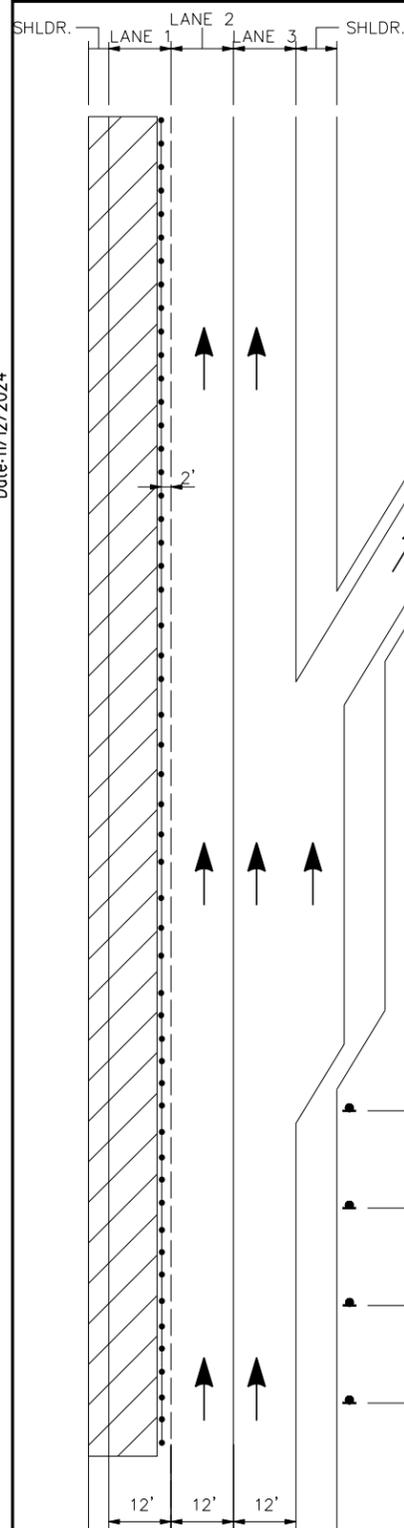
**PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3
TRAFFIC CONTROL MAINLINE CLOSURE
(2 OF 2)**

CONTRACT: 2025.02

SHEET NUMBER: MOT-02
14 OF 50

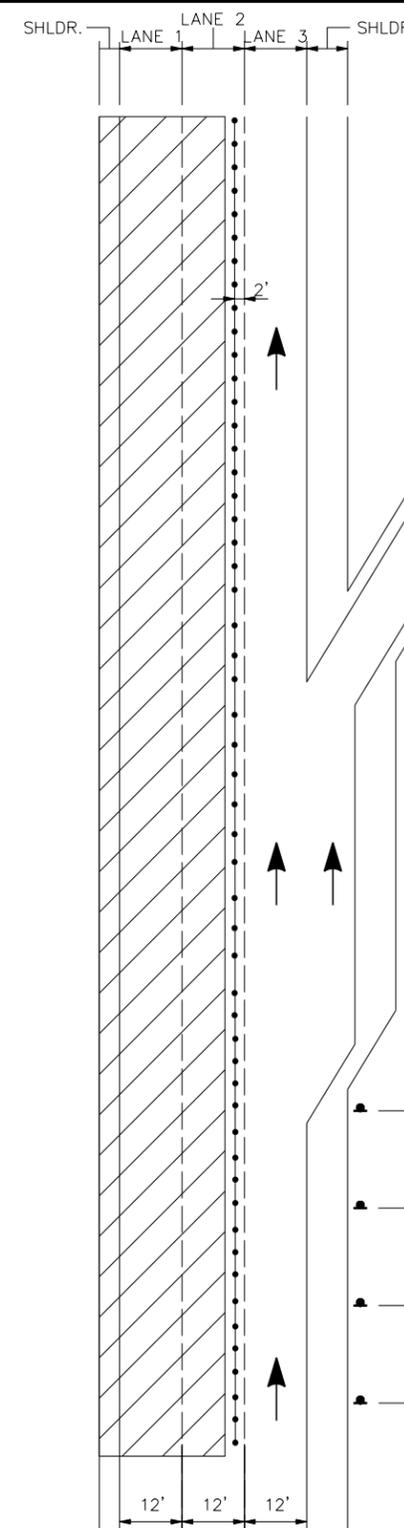
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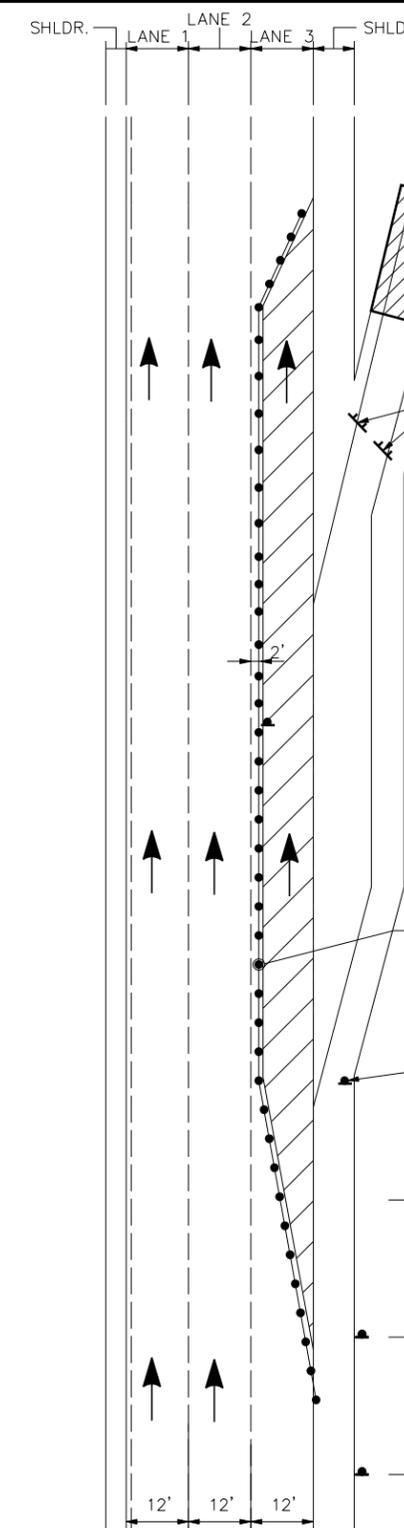


**LANE 1 CLOSED
TRAFFIC IN LANE 2 & 3
EXITING RAMP OPEN**

- 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".



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



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:**
1. STANDARD MESSAGES PROVIDED FOR INFORMATION. USE OF MESSAGES SHALL BE DETERMINED PER CLOSURE AND SETUP ON THE APPROPRIATE PCMS'S ACCORDINGLY.
 2. EXCEPT FOR EMERGENCIES, RAMP CLOSURES SHALL BE COORDINATED WITH DEPARTMENT DIRECTOR OR ASSIGNED MTA ENGINEER.
 3. 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	11\24	Checked	PEM	11\24
Drawn	CET	11\24	In Charge of	TRC	11\24

HNTB CORPORATION
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

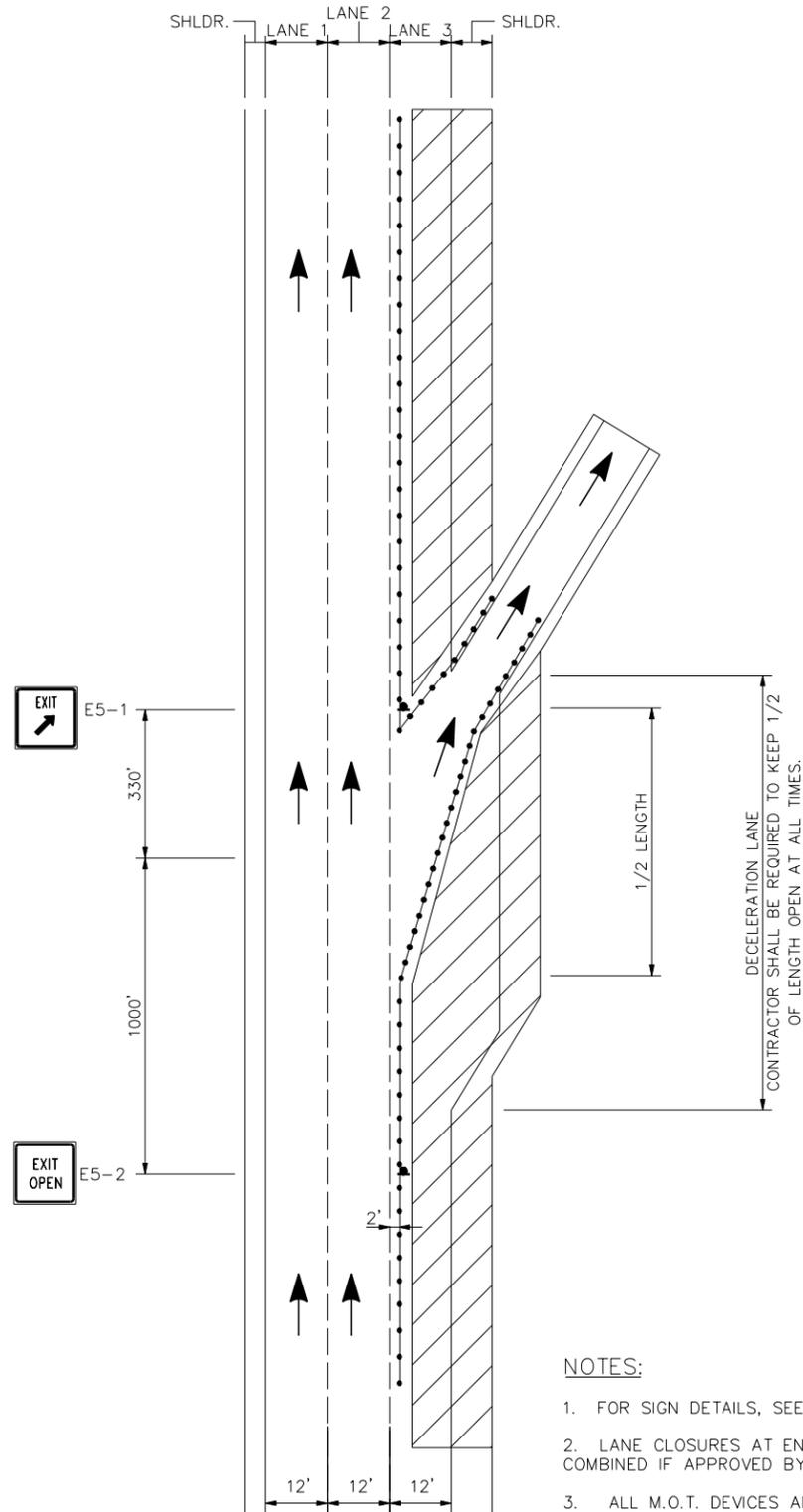
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

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

SHEET NUMBER: MOT-03
15 OF 50

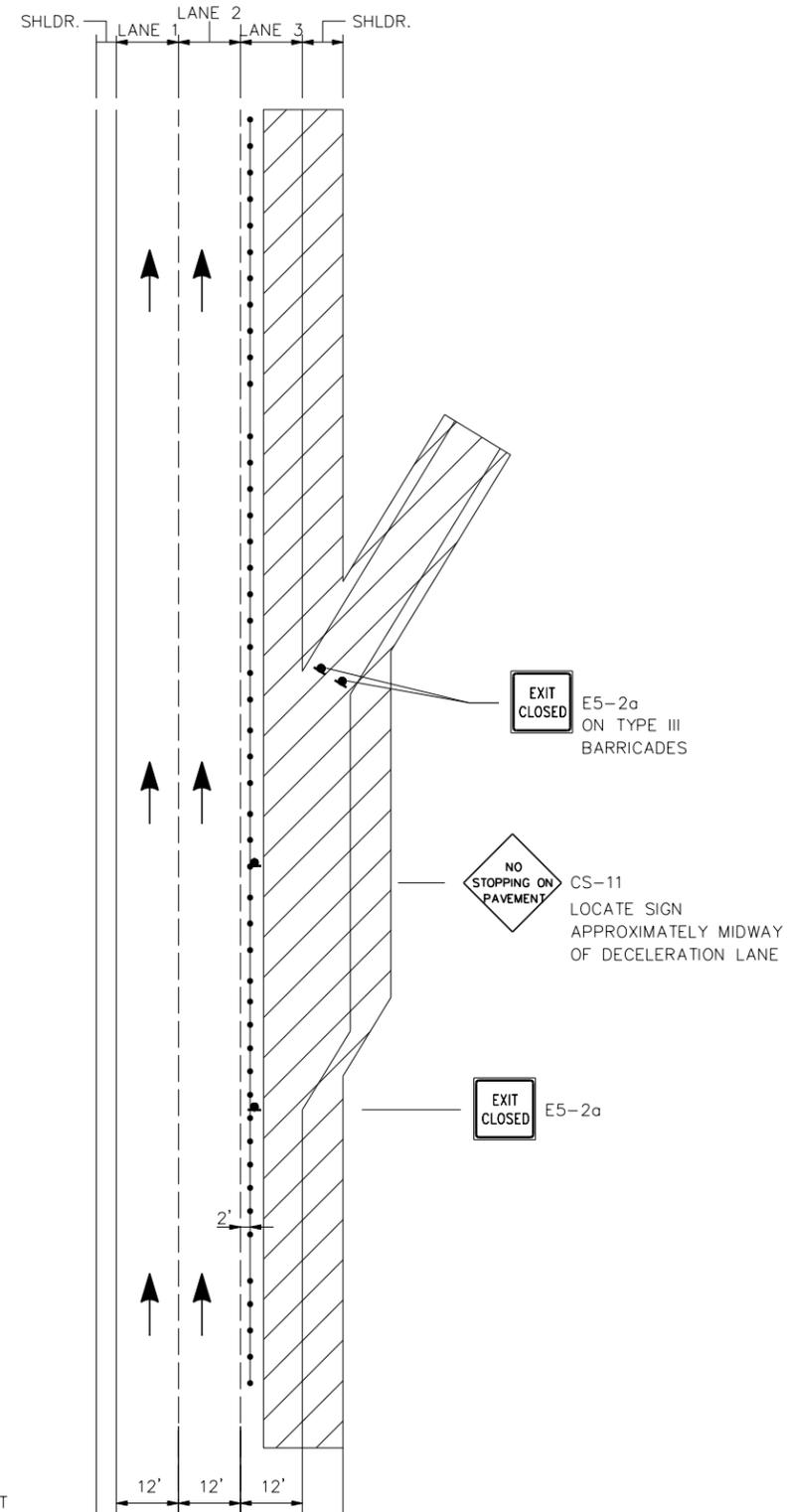
CONTRACT: 2025.02

Date: 11/12/2024

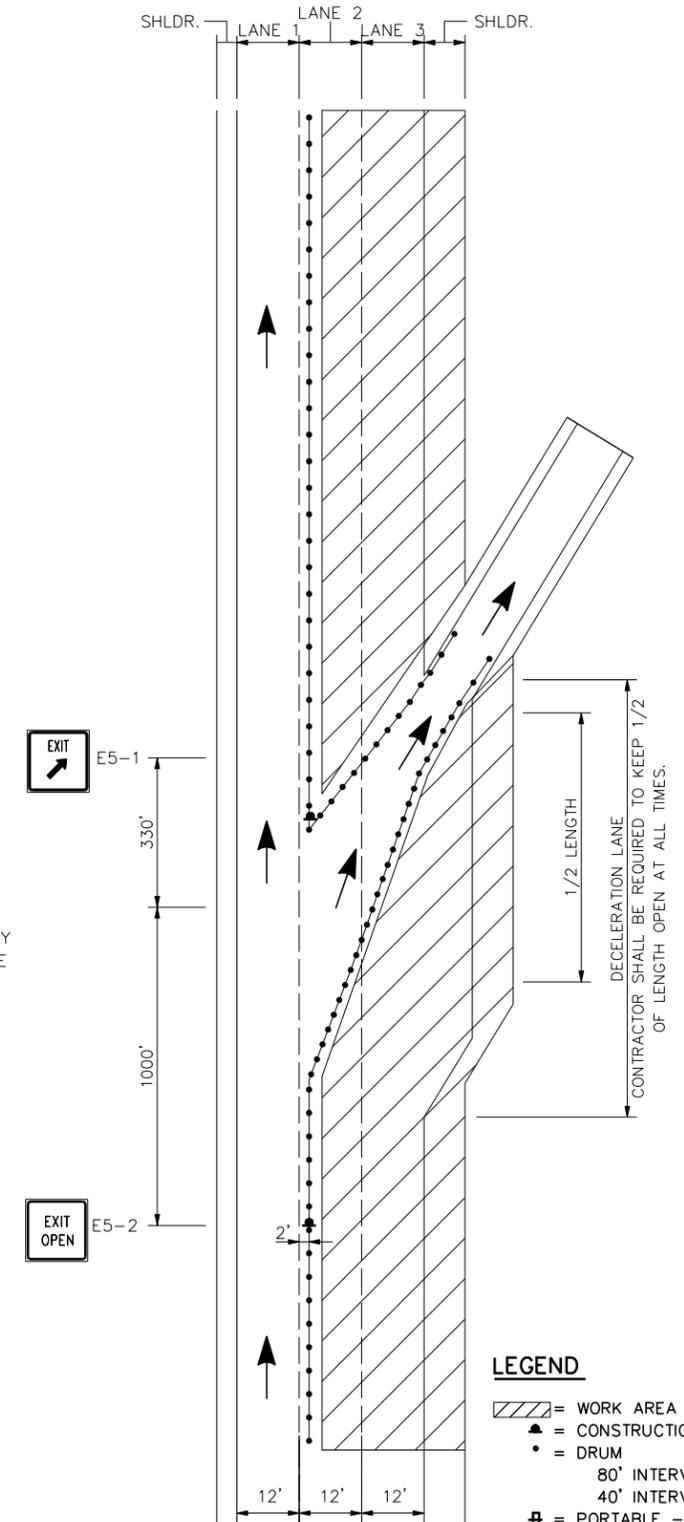


**LANE 3 CLOSED
TRAFFIC IN LANE 1 & 2
EXITING RAMP OPEN**

- 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 3 CLOSED
TRAFFIC IN LANE 1 & 2
EXITING RAMP CLOSED**



**LANE 2 & 3 CLOSED
TRAFFIC IN LANE 1
EXITING 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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**MAINE
TURNPIKE**

**THE GOLD STAR
MEMORIAL HIGHWAY**

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

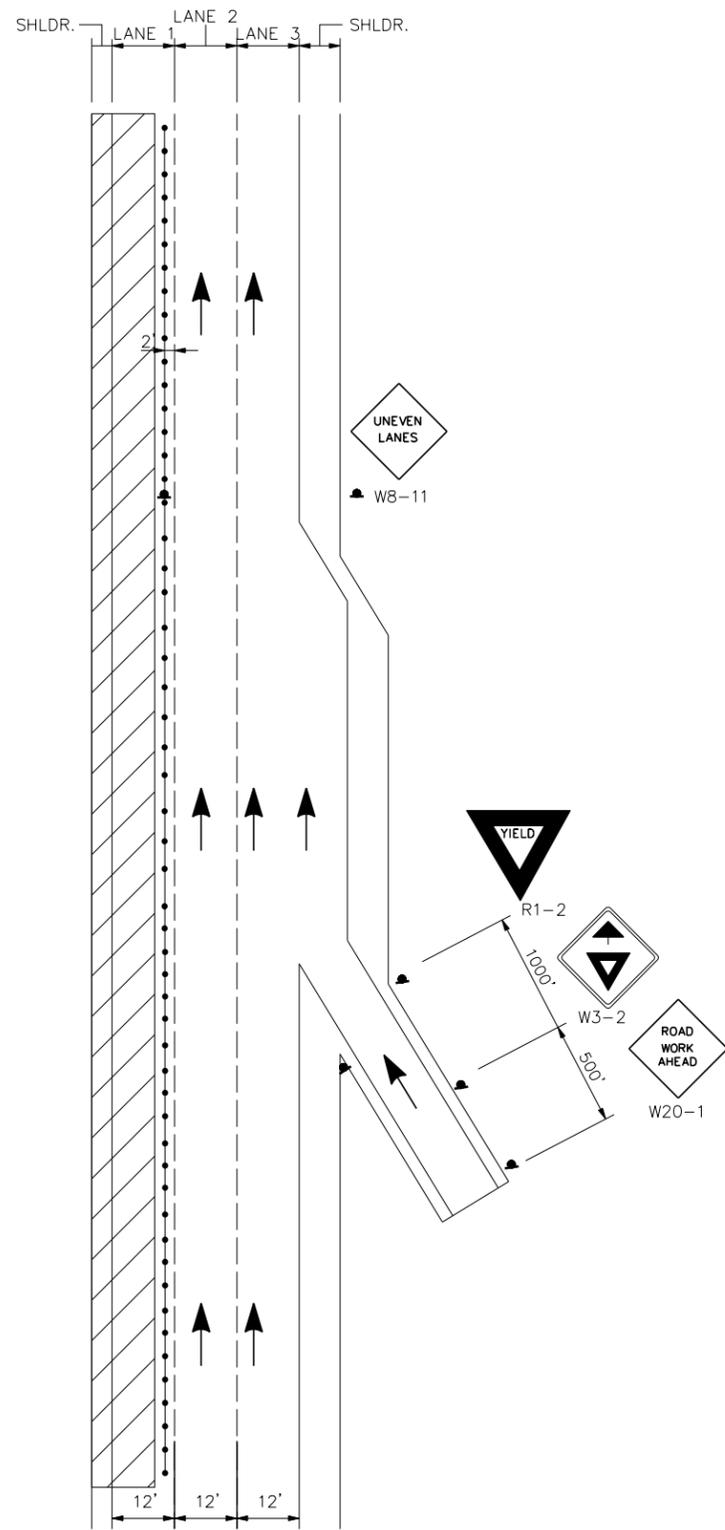
**PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3
TRAFFIC CONTROL AT EXIT RAMP
(2 OF 2)**

CONTRACT: 2025.02

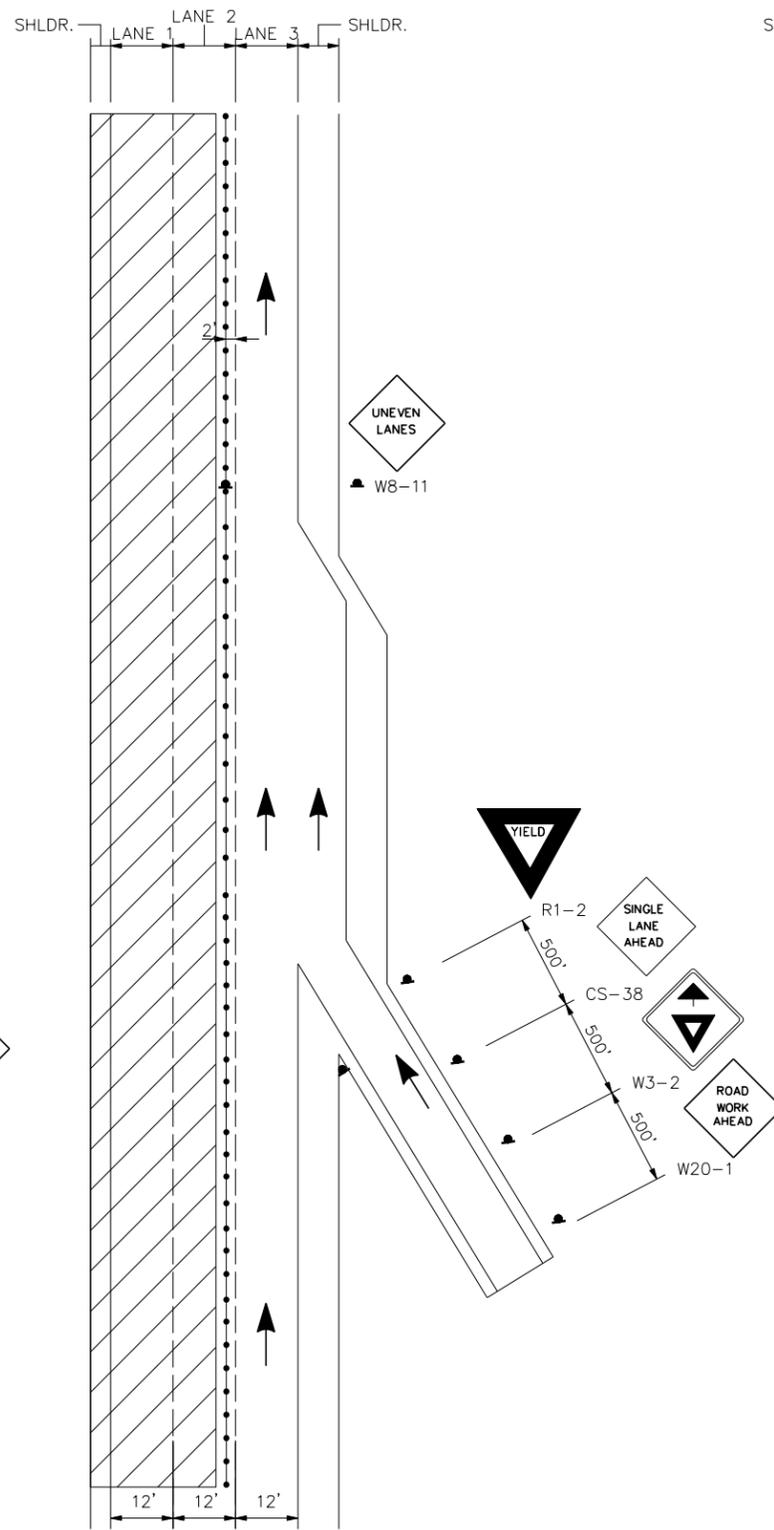
SHEET NUMBER: MOT-04
16 OF 50

Filename: z_Details.dgn

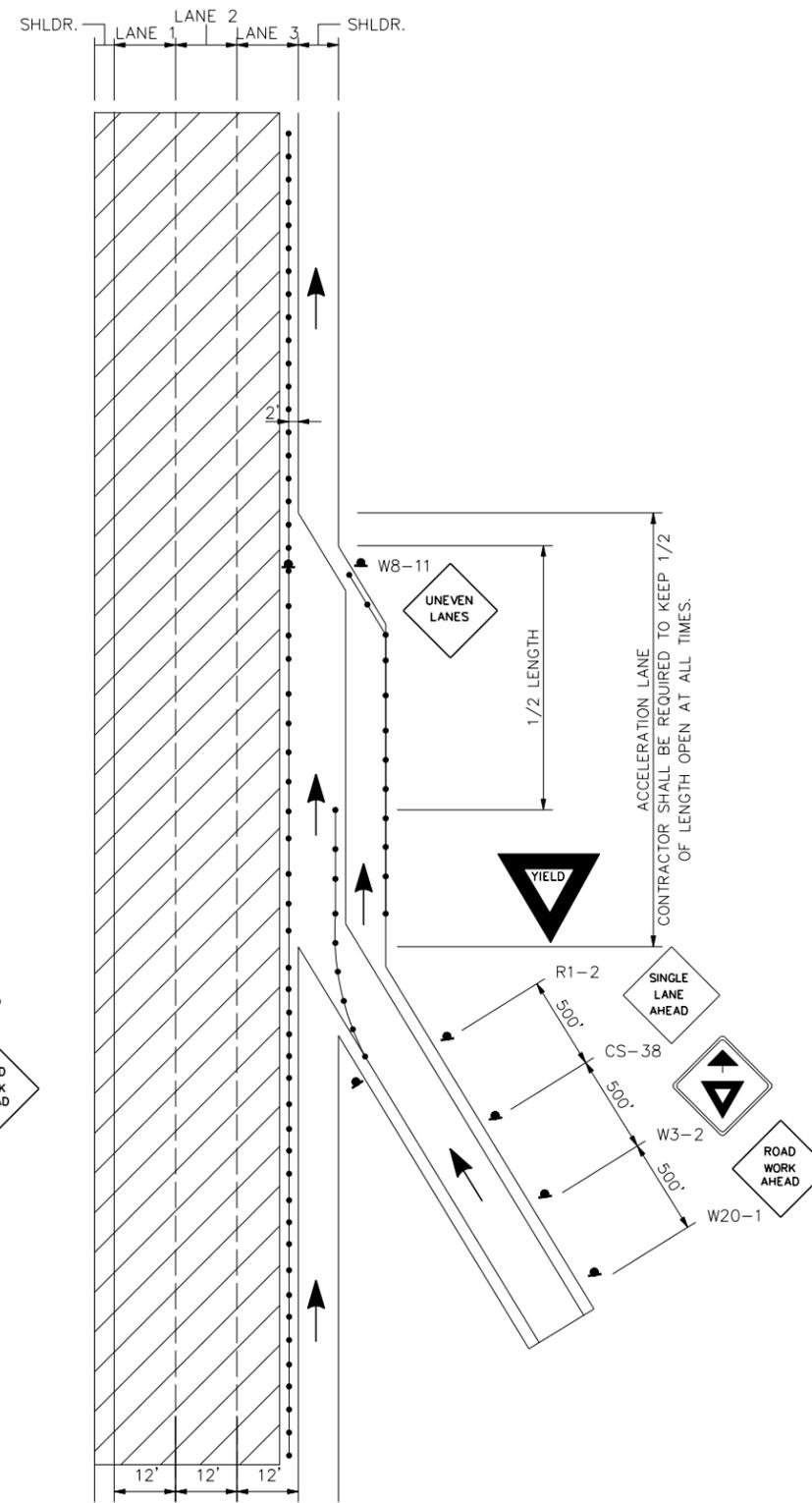
Date: 11/12/2024



**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
 - = PORTABLE - CHANGEABLE MESSAGE SIGN
 - = FLASHING ARROW BOARD
- 80' INTERVALS ON TANGENTS
40' INTERVALS ON TAPERS

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	11\24	Checked	PEM	11\24
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THE GOLD STAR
MEMORIAL HIGHWAY

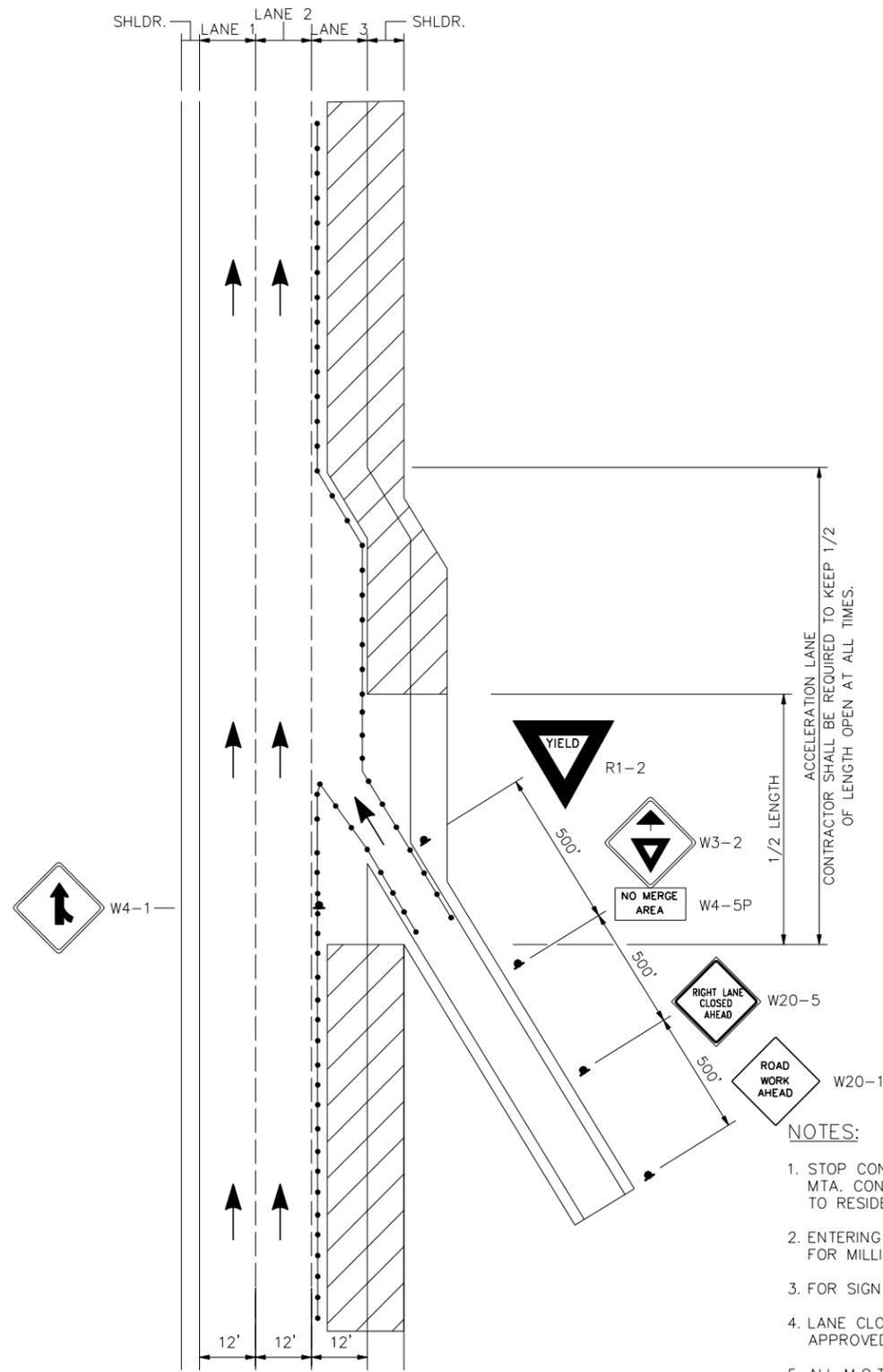
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

TRAFFIC CONTROL AT ENTRANCE RAMP
(1 OF 2)

SHEET NUMBER: MOT-05
CONTRACT: 2025.02
17 OF 50

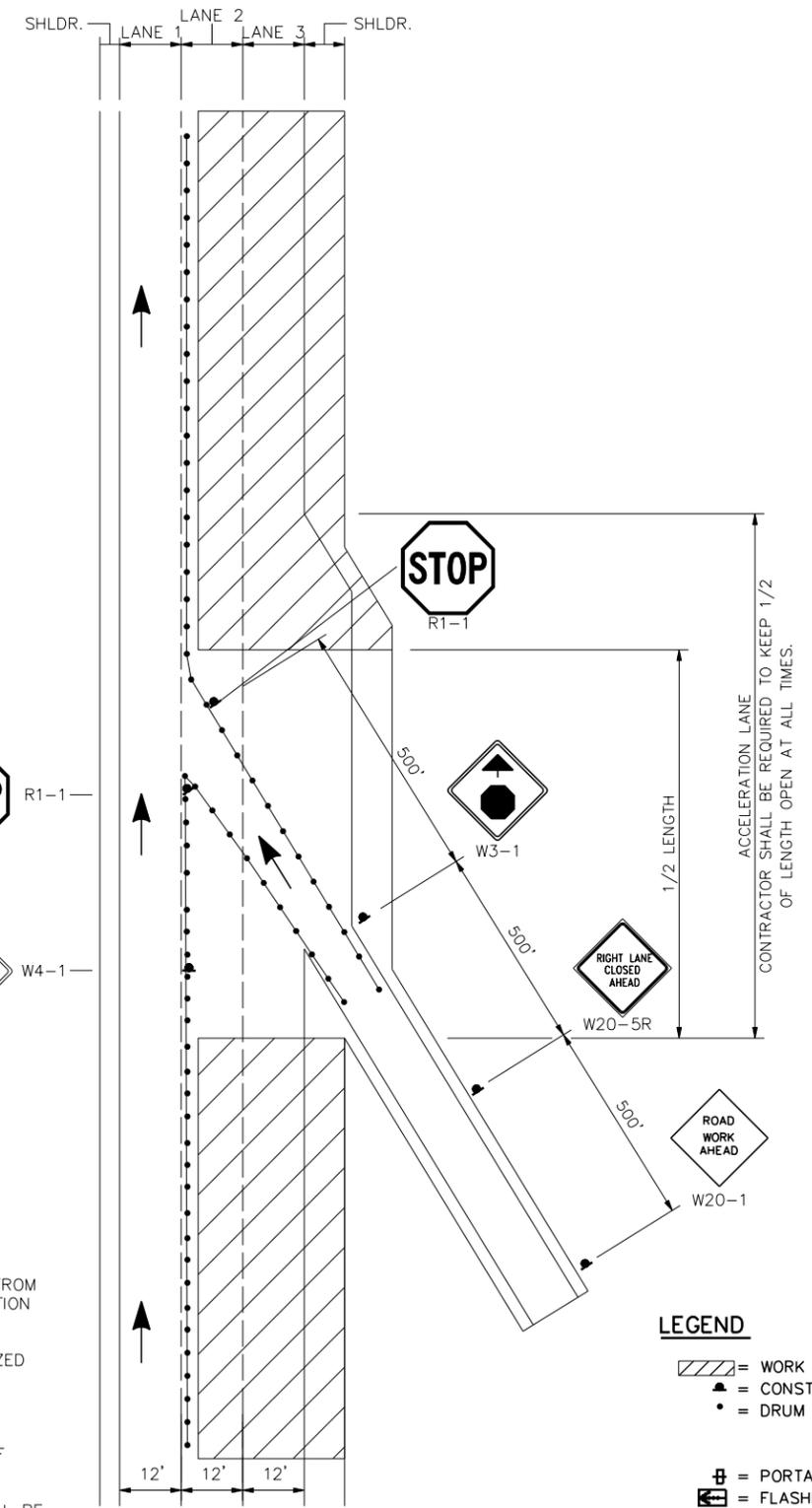
Date: 11/12/2024



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

NOTES:

1. STOP CONDITION WILL ONLY BE ALLOWED AFTER WRITTEN APPROVAL FROM MTA. CONTRACTOR SHALL SUBMIT REQUEST FOR USE OF STOP CONDITION TO RESIDENT A MINIMUM OF 5 DAYS IN ADVANCE OF PROPOSED USE.
2. ENTERING RAMP DETAILS WITH STOP SIGN ARE INTENDED TO BE UTILIZED FOR MILLING AND PAVING OPERATIONS ONLY.
3. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEET.
4. LANE CLOSURES AT ENTRANCE AND EXIT RAMP MAY BE COMBINED IF APPROVED BY THE RESIDENT.
5. ALL M.O.T. DEVICES AND LOCATIONS NOT NOTED ON THIS SHEET SHALL BE AS NOTED ON "TRAFFIC CONTROL MAINLINE CLOSURE".
6. CONTRACTOR SHALL RELOCATE CONSTRUCTION SIGNS AS DIRECTED BY THE RESIDENT.
7. 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

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

	By	Date		By	Date
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Drawn	CET	11\24	In Charge of	TRC	11\24

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

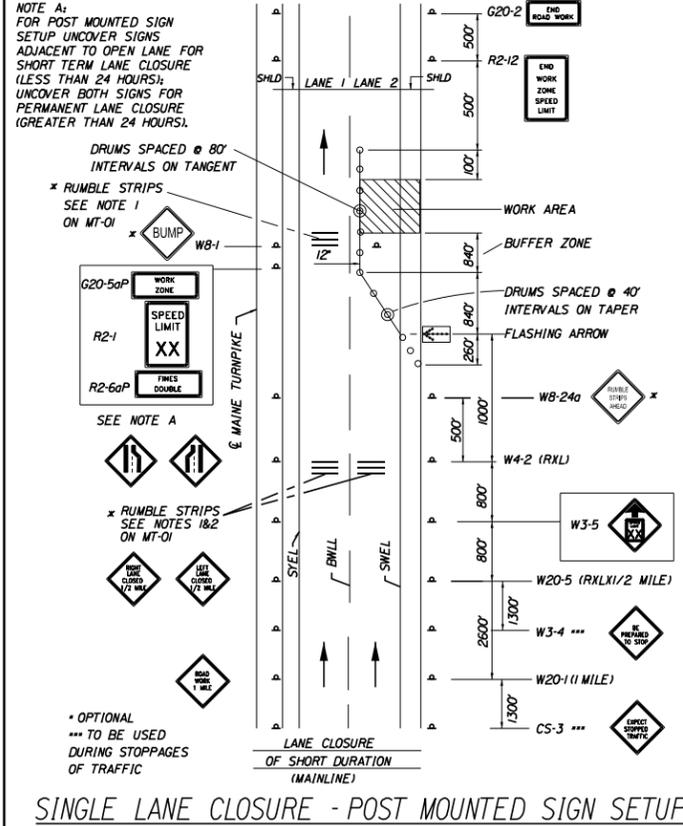
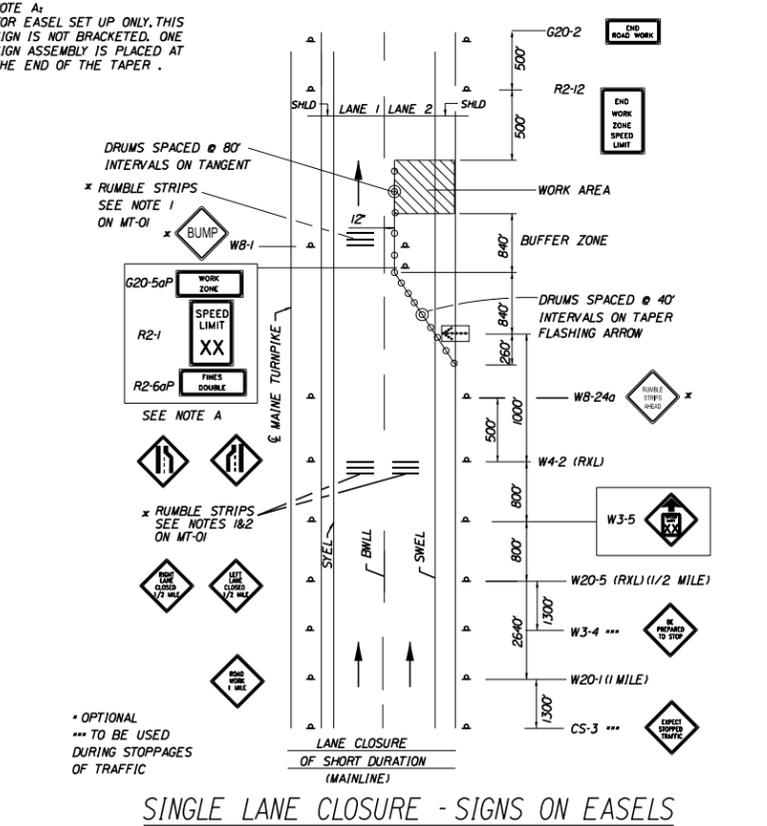
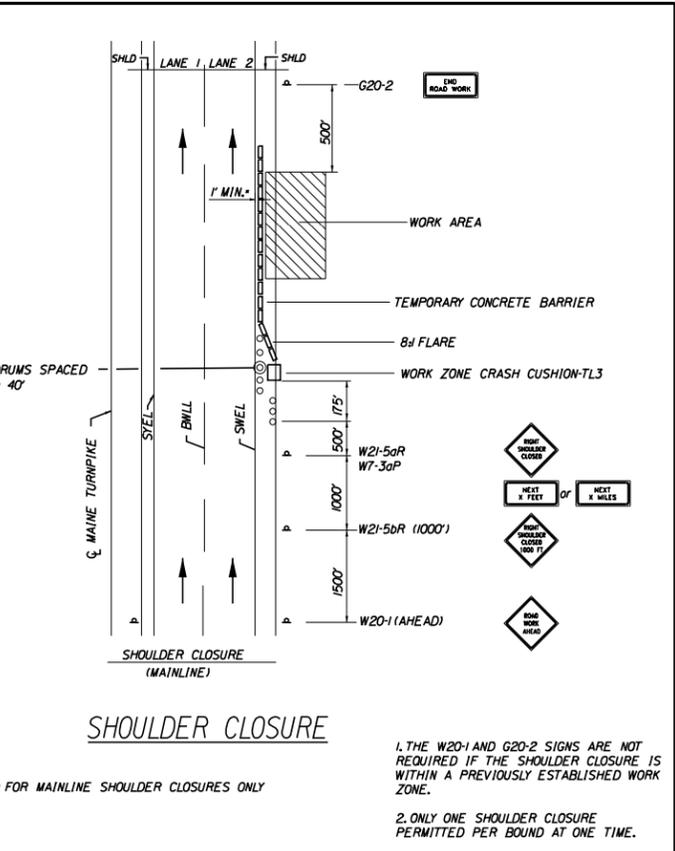
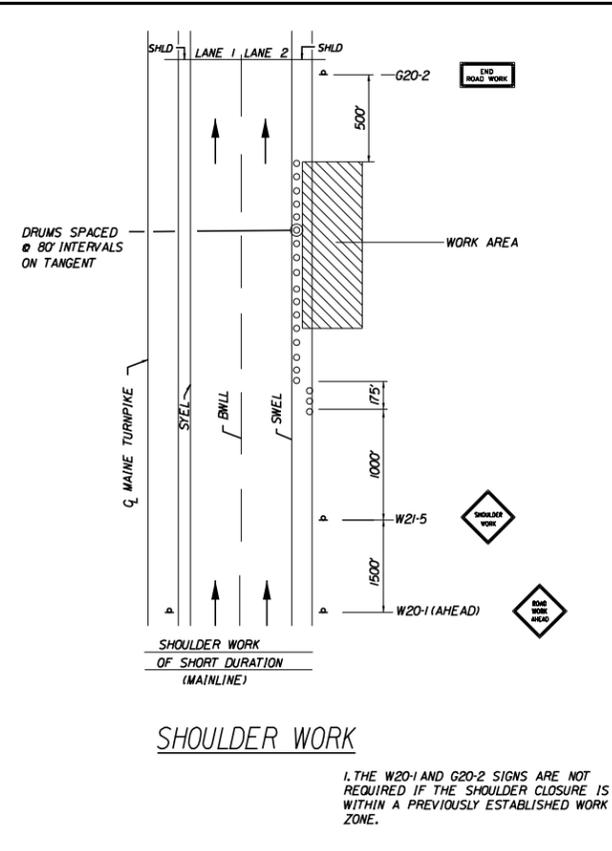
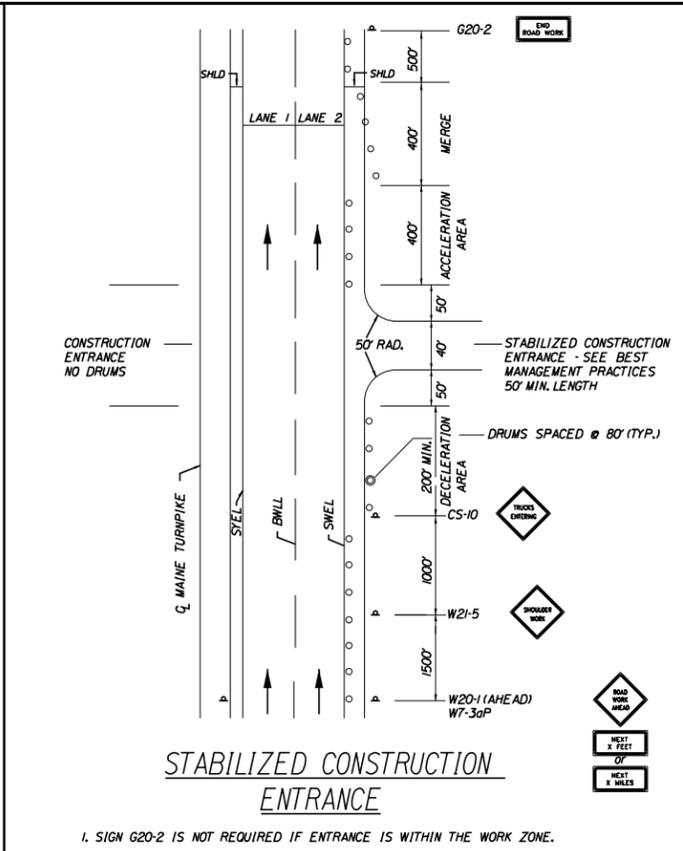
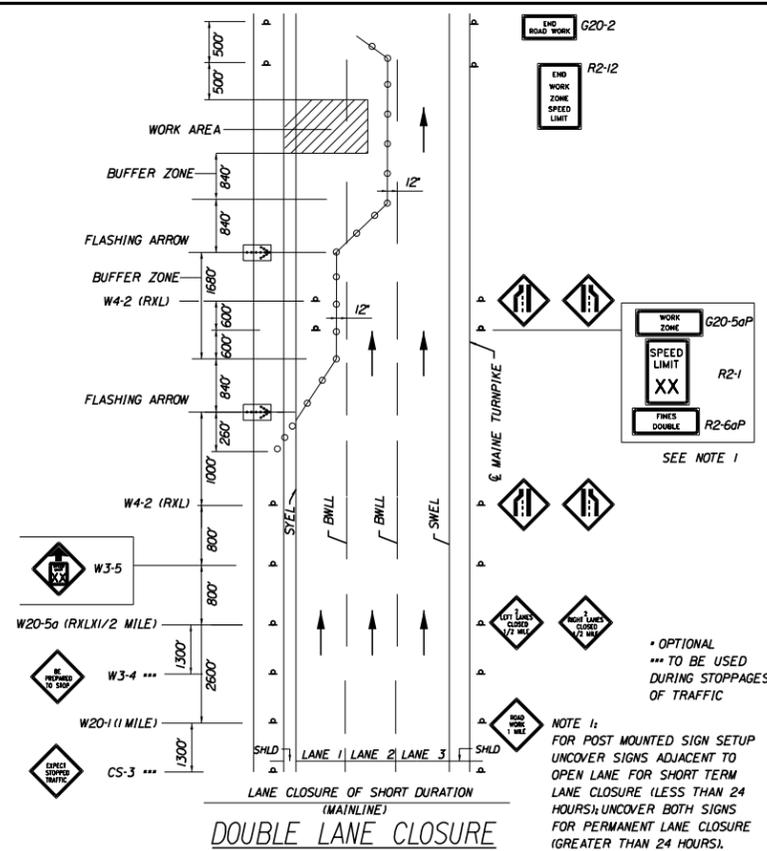
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

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

SHEET NUMBER: MOT-06
CONTRACT: 2025.02
18 OF 50

Filename: z_Details.dgn

Date: 11/12/2024



- 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)
WB-1 SIGNS SHALL BE PLACED ADJACENT TO THE FIRST RUMBLE STRIP AT ANY LOCATION. ONLY ONE SET OF WB-24a SIGNS ARE REQUIRED FOR ANY OF THE ABOVE CONFIGURATIONS.
 - RUMBLE STRIPS MAY BE PLACED UPSTREAM OF THE TAPER BETWEEN THE W3-5 SIGNS AND THE W4-2 SIGNS. IF RUMBLE STRIPS ARE INSTALLED PRIOR TO TAPER, WB-1 SIGNS SHALL BE PLACED ADJACENT TO THE FIRST STRIP AND THE WB-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	11\24	Checked	EPR	11\24
Drawn	EKK	11\24	In Charge of	TRC	11\24

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**THE GOLD STAR
MEMORIAL HIGHWAY**

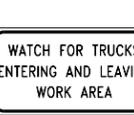
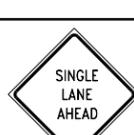
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

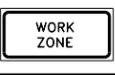
**PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3**

MAINTENANCE OF TRAFFIC
DETAILS

SHEET NUMBER: MOT-07
CONTRACT: 2025.02
19 OF 50

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"		6	ORANGE	BLACK		16.00 (96)
CS-11	48"	48"		6" 6" 6"	4" 4"		4	ORANGE	BLACK		16.00 (64)
CS-19	48"	48"		6" 6" 6"	4" 4"		6	ORANGE	BLACK		16.00 (96)
CS-33	96"	36"		6" 6" 6"	4" 4"		2	ORANGE	BLACK		24.00 (48)
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"			6	GREEN	WHITE		30.00 (180)
E5-2	60"	48"					6	ORANGE	BLACK		20.00 (120)
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	48"	60"					6				20.00 (120)
R2-6aP	48"	24"					6				8.00 (48)
R2-12	36"	54"					4				13.50 (54)
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

HNTB CORPORATION
82 Running Hill Road, Suite 201
South Portland, ME 04106
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CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.

	By	Date		By	Date
Designed	CET	11\24	Checked	PEM	11\24
Drawn	CET	11\24	In Charge of	TRC	11\24

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

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

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

MAINTENANCE OF TRAFFIC
SIGN SUMMARY 1 OF 2

SHEET NUMBER: MOT-08
20 OF 50

CONTRACT: 2024.02

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"			5	ORANGE	BLACK		16.00 (80)
W3-2	48"	48"					3	ORANGE	BLACK		16.00 (48)
W3-4	48"	48"					3	ORANGE	BLACK		16.00 (48)
W3-5	48"	48"					4	ORANGE	BLACK		16.00 (64)
W4-1	48"	48"					5	ORANGE	BLACK		16.00 (80)
W4-2 (L)	48"	48"					4	ORANGE	BLACK		16.00 (64)
W4-2 (R)	48"	48"					4	ORANGE	BLACK		16.00 (64)
W4-5P	24"	30"					3	ORANGE	BLACK		5.00 (15)
W8-11	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"			8	ORANGE	BLACK		16.00 (128)
W8-15P	24"	24"					8	ORANGE	BLACK		4.00 (32)
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"					4	ORANGE	BLACK		16.00 (64)
W20-5(R)	48"	48"					4	ORANGE	BLACK		16.00 (64)
W20-5a(L)	48"	48"					4	ORANGE	BLACK		16.00 (64)
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
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**THE GOLD STAR
MEMORIAL HIGHWAY**

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

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

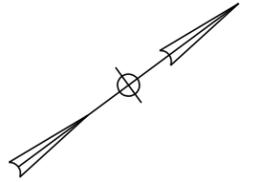
MAINTENANCE OF TRAFFIC
SIGN SUMMARY 2 OF 2

SHEET NUMBER: MOT-09
21 OF 50

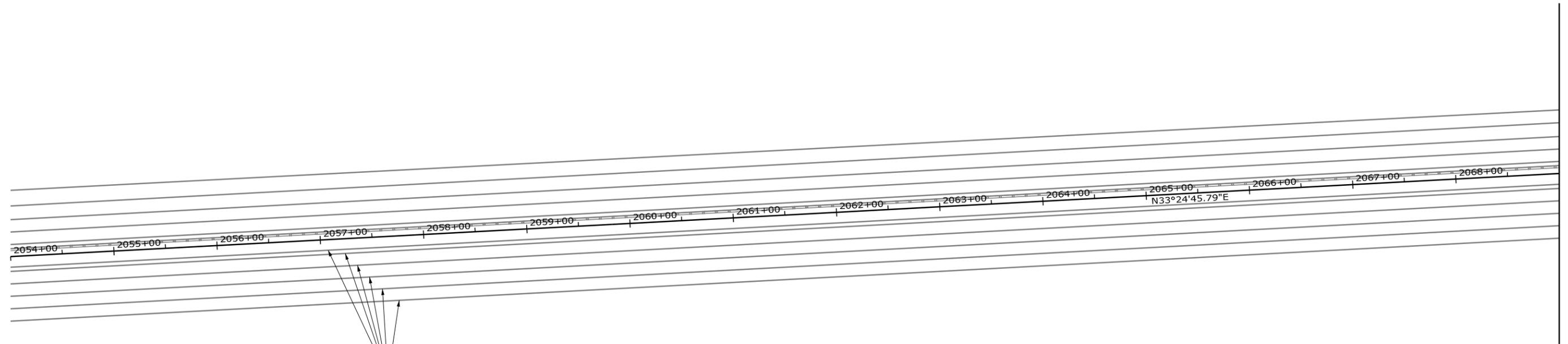
CONTRACT: 2024.02

NOTE:

1. THE CONTRACTOR SHALL MEASURE THE EXISTING CROSS SLOPES FOR LANE 1, 2, 3, AND THE INSIDE AND OUTSIDE SHOULDER EVERY 1/4 MILE AND REPORT TO THE RESIDENT PRIOR TO MILLING. PAYMENT FOR THIS WORK SHALL BE CONSIDERED INCIDENTAL TO 403 PAY ITEMS.



Date: 11/12/2024



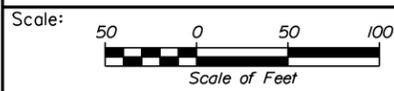
LANE LINES SHOWN FOR REFERENCE ONLY. SEE STRIPING DETAILS 1-3 FOR PROPOSED STRIPING INFORMATION.

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)
- UNDERPASS PAVEMENT

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

Filename: OXX_GeneralPlan 01.dgn



Designed by:

HNTB

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

No.	Revision	By	Date

	By	Date		By	Date
Designed	PEM	11\24	Checked	DAM	11\24
Drawn	EPR	11\24	In Charge of	TRC	11\24

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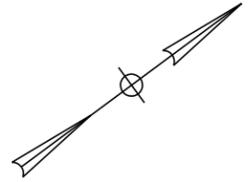
PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (1 OF 29)

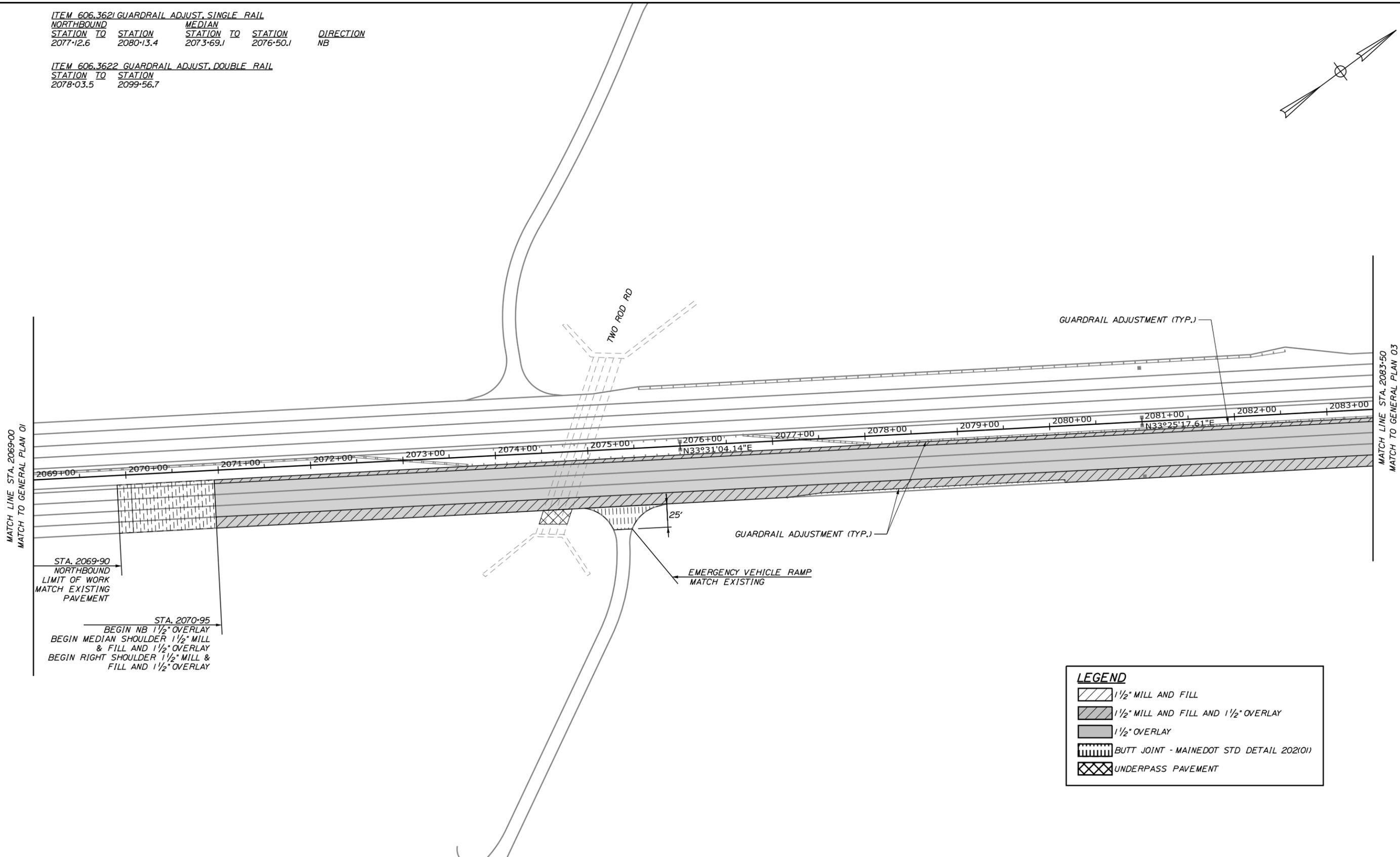
CONTRACT: 2025.02	SHEET NUMBER: GP-01 22 OF 50
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ITEM 606.3621 GUARDRAIL ADJUST, SINGLE RAIL
 NORTHBOUND MEDIAN
 STATION TO STATION STATION TO STATION DIRECTION
 2077+12.6 2080+13.4 2073+69.1 2076+50.1 NB

ITEM 606.3622 GUARDRAIL ADJUST, DOUBLE RAIL
 STATION TO STATION
 2078+03.5 2099+56.7



Date: 11/12/2024



STA. 2069+90
 NORTHBOUND
 LIMIT OF WORK
 MATCH EXISTING
 PAVEMENT

STA. 2070+95
 BEGIN NB 1 1/2" OVERLAY
 BEGIN MEDIAN SHOULDER 1 1/2" MILL
 & FILL AND 1 1/2" OVERLAY
 BEGIN RIGHT SHOULDER 1 1/2" MILL &
 FILL AND 1 1/2" OVERLAY

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)
- UNDERPASS PAVEMENT

Scale: Scale of Feet

No.	Revision	By	Date

Designed by:

HNTB

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

	By	Date		By	Date
Designed	PEM	11\24	Checked	DAM	11\24
Drawn	EPR	11\24	In Charge of	TRC	11\24

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MAINE TURNPIKE

**THE GOLD STAR
 MEMORIAL HIGHWAY**

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

PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

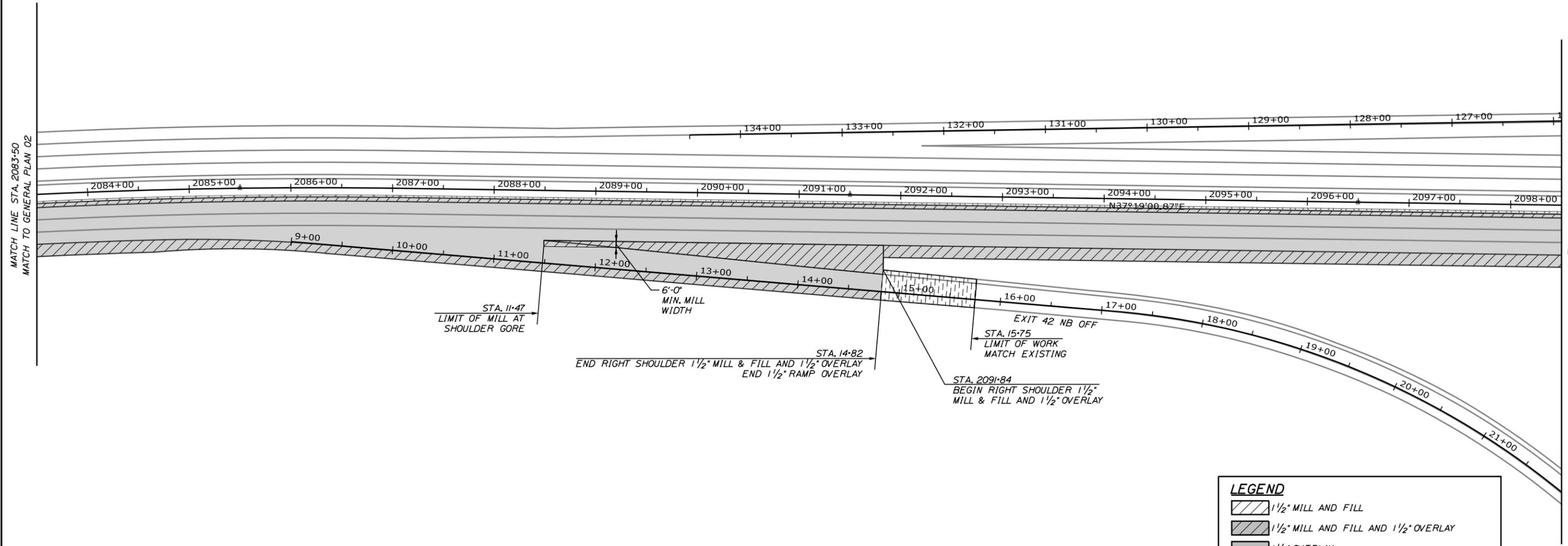
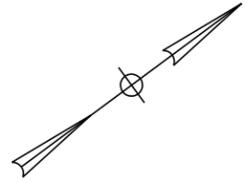
GENERAL PLAN (2 OF 29)

SHEET NUMBER: GP-02
 23 OF 50

CONTRACT: 2025.02

Filename: OXX_GeneralPlan_02.dgn

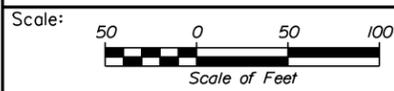
Date: 11/12/2024



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)
	UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan_03.dgn



Designed by:

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

No.	Revision	By	Date

	By	Date		By	Date
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**THE GOLD STAR
 MEMORIAL HIGHWAY**

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

PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

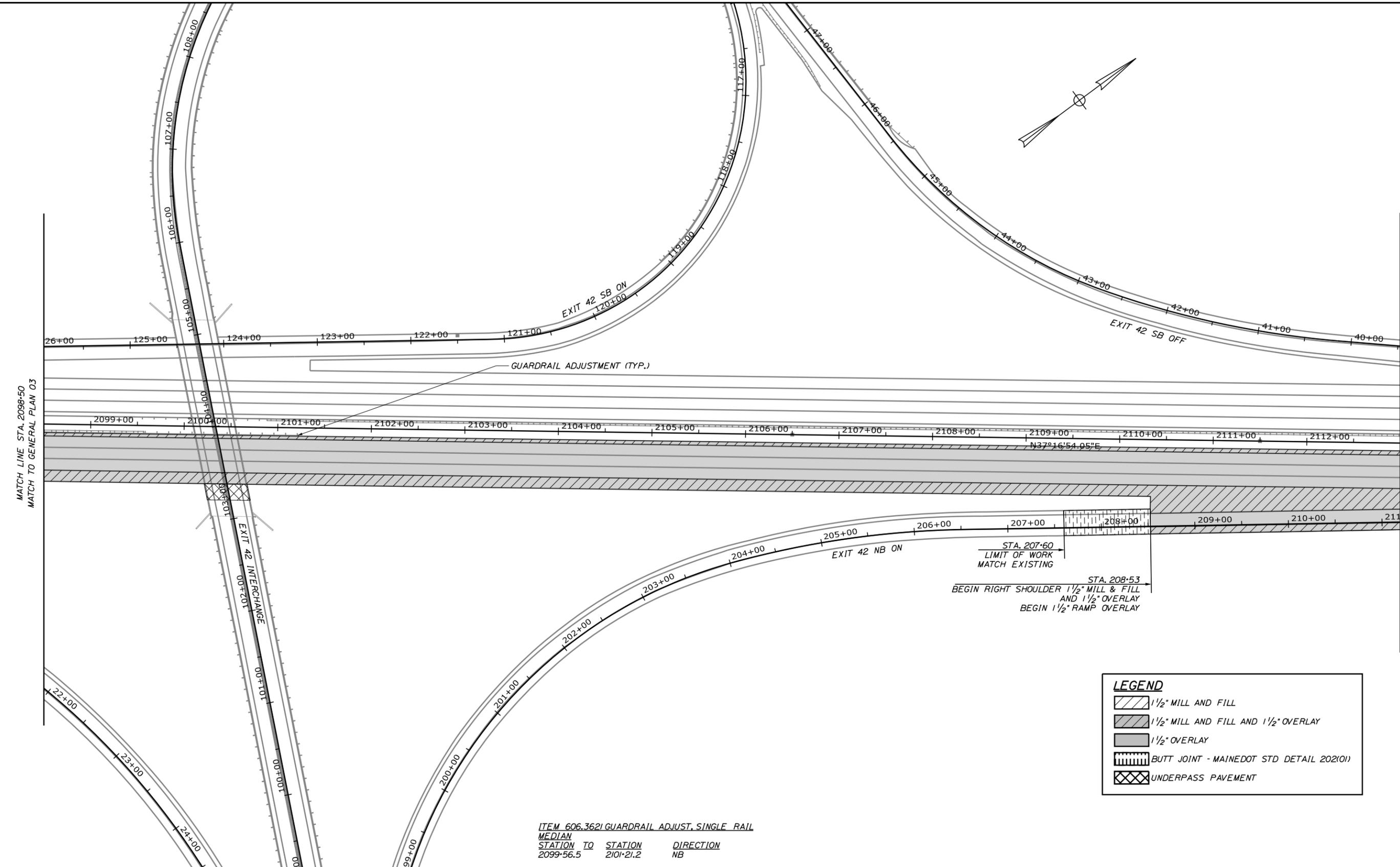
GENERAL PLAN (3 OF 29)

SHEET NUMBER: GP-03
 24 OF 50

CONTRACT: 2025.02

Date: 11/12/2024

Filename: OXX_GeneralPlan 04.dgn



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

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

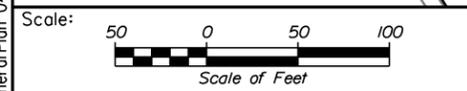
STA. 207+60
LIMIT OF WORK
MATCH EXISTING

STA. 208+53
BEGIN RIGHT SHOULDER 1 1/2" MILL & FILL
AND 1 1/2" OVERLAY
BEGIN 1 1/2" RAMP OVERLAY

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)
- UNDERPASS PAVEMENT

ITEM 606.362 GUARDRAIL ADJUST. SINGLE RAIL
MEDIAN
STATION TO STATION DIRECTION
2099+56.5 2101+21.2 NB



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No.	Revision	By	Date

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MAINE TURNPIKE

**THE GOLD STAR
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MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

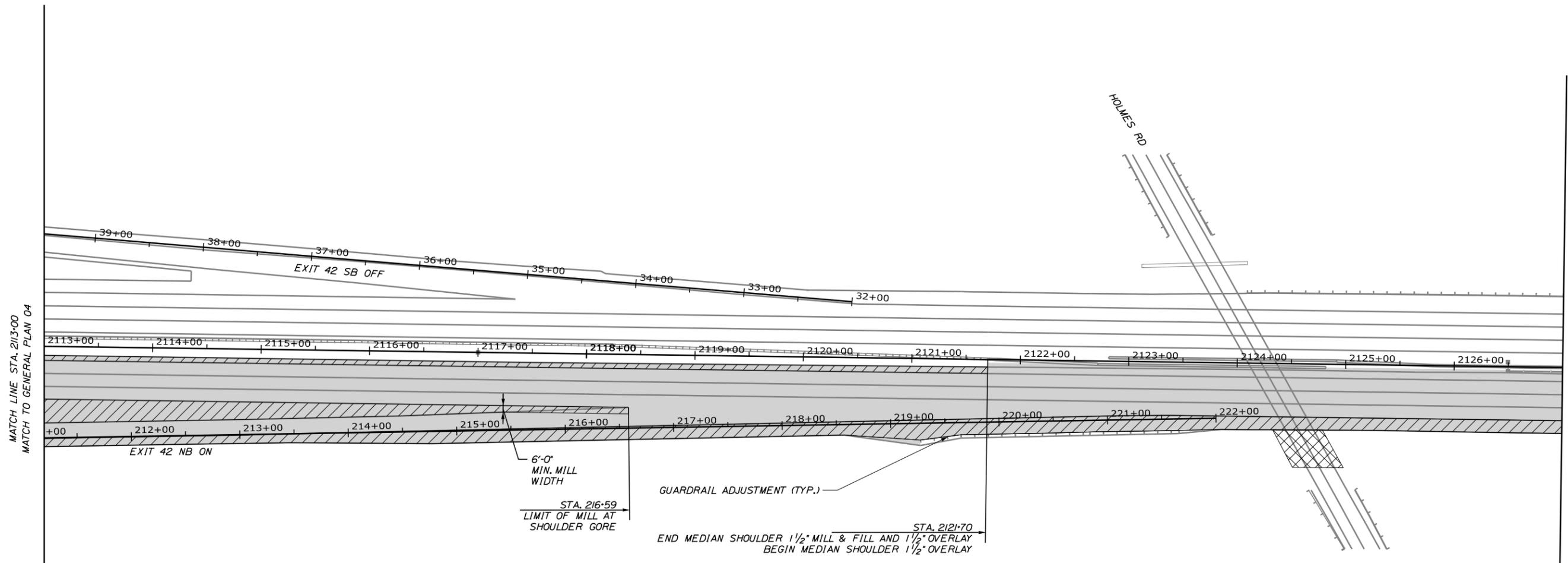
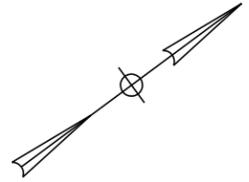
PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (4 OF 29)

SHEET NUMBER: GP-04
25 OF 50

CONTRACT: 2025.02

Date: 11/12/2024

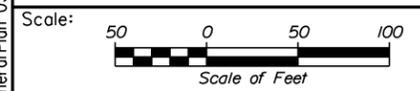


LEGEND

- 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)
- UNDERPASS PAVEMENT

ITEM 606.362 GUARDRAIL ADJUST. SINGLE RAIL
 NORTHBOUND
 STATION TO STATION
 2121+08.9 2123+47.0

Filename: OXX_GeneralPlan_05.dgn



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

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**THE GOLD STAR
MEMORIAL HIGHWAY**

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

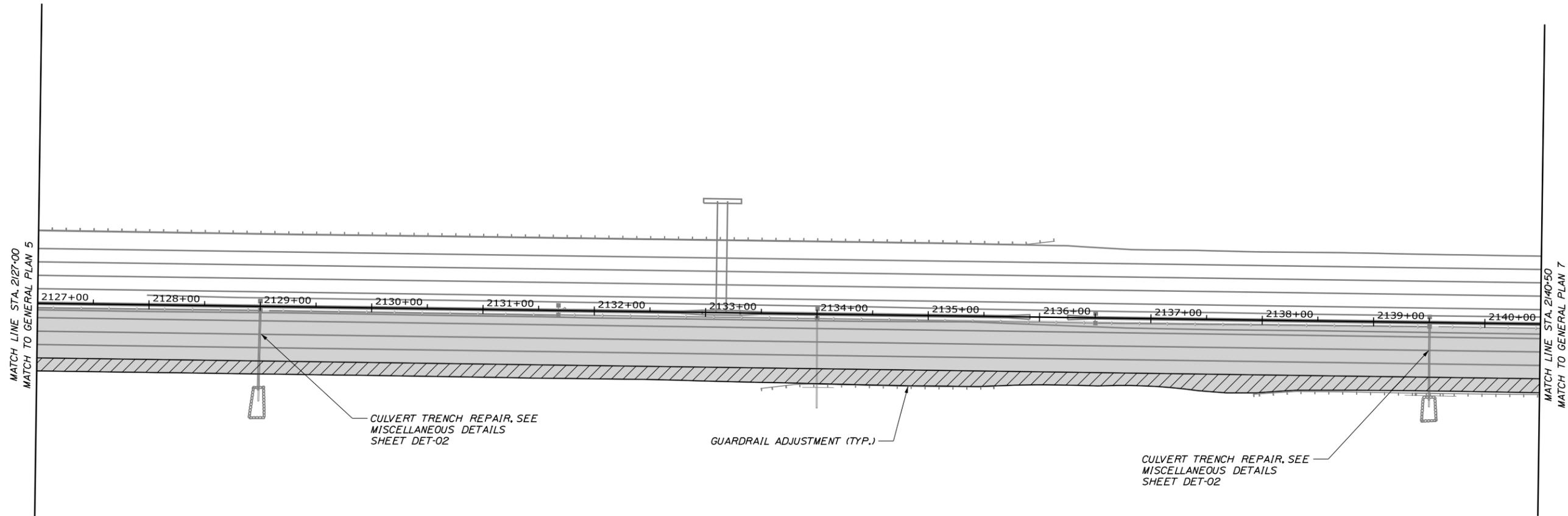
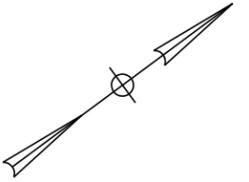
PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (5 OF 29)

SHEET NUMBER: GP-05
26 OF 50

CONTRACT: 2025.02

Date: 11/12/2024



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)
	UNDERPASS PAVEMENT

ITEM 606.362 GUARDRAIL ADJUST. SINGLE RAIL
 NORTHBOUND
 STATION TO STATION
 2133+50.7 2135+59.5
 2137+93.0 2142+09.7

Filename: OXX_GeneralPlan_06.dgn



Designed by:

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

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Designed	PEM	11\24	Checked	DAM	11\24
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**THE GOLD STAR
 MEMORIAL HIGHWAY**

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

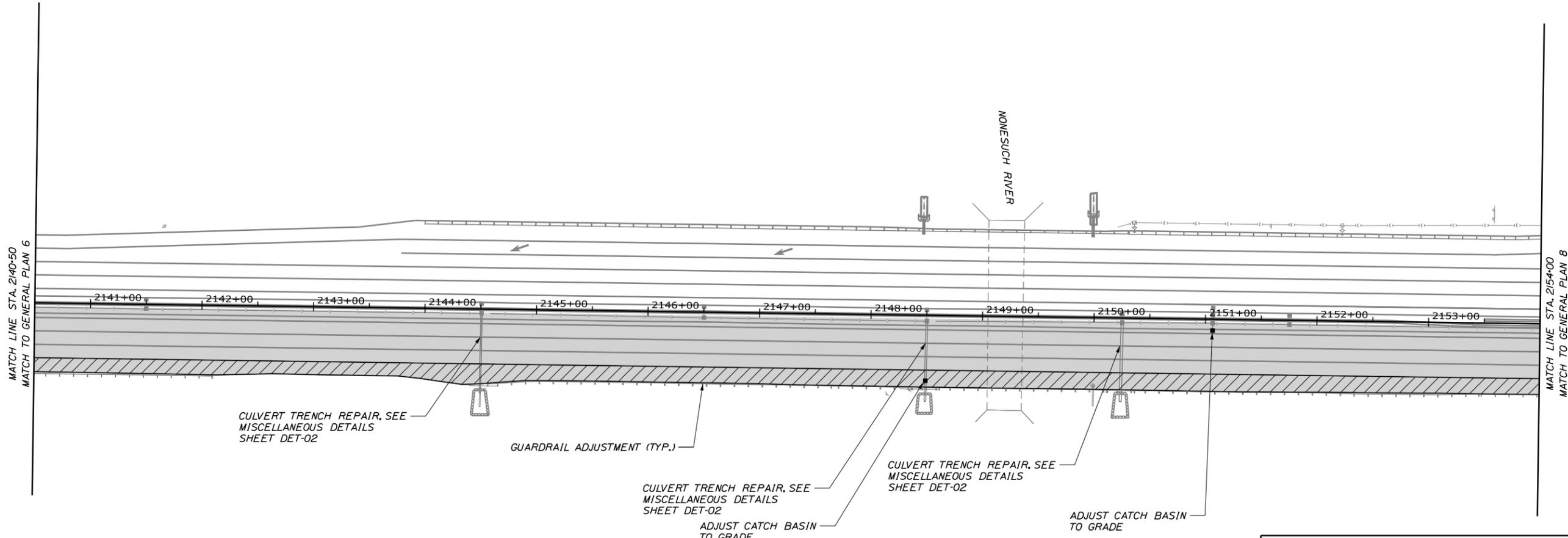
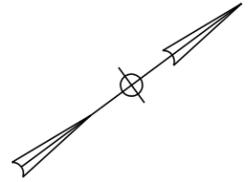
PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (6 OF 29)

SHEET NUMBER: GP-06
 27 OF 50

CONTRACT: 2025.02

Date: 11/12/2024



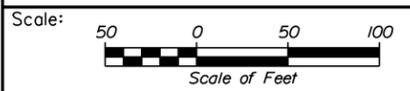
ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE
 STATION OFFSET
 2148+49.4 58.4' RT.
 2151+06.4 10.1' RT.

ITEM 606.3621 GUARDRAIL ADJUST, SINGLE RAIL NORTHBOUND
 STATION TO STATION
 2144+56.8 2158+47.2

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)
- UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan_07.dgn



No.	Revision	By	Date

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

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**THE GOLD STAR
MEMORIAL HIGHWAY**

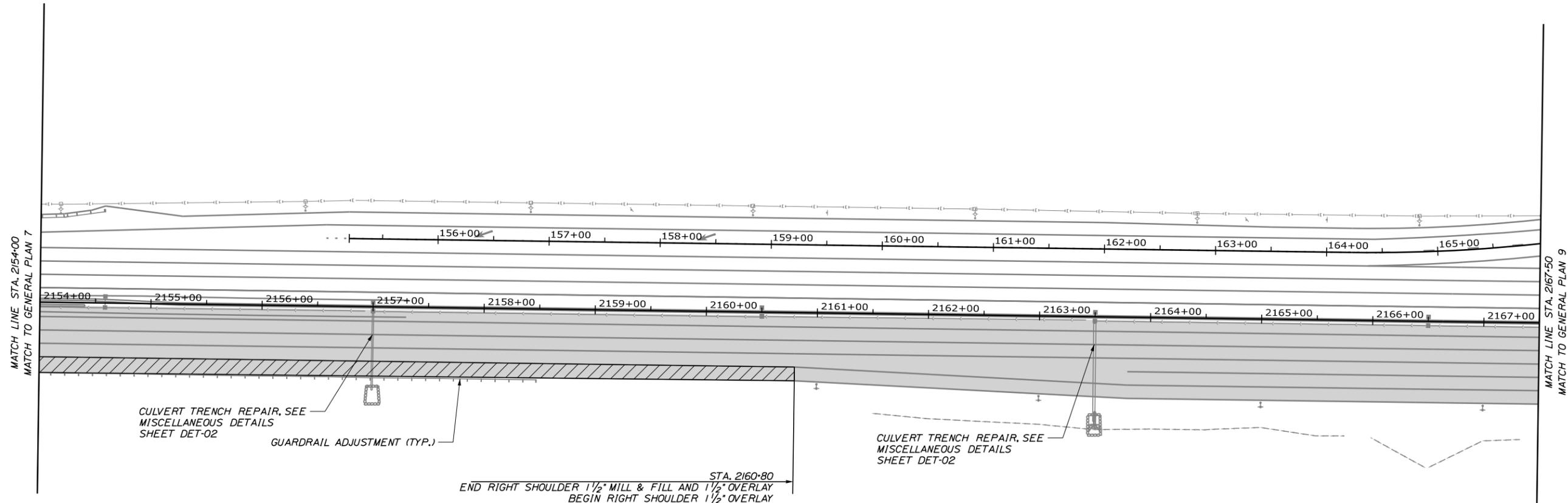
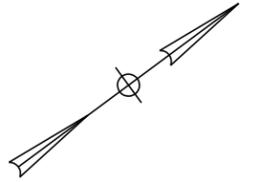
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (7 OF 29)

SHEET NUMBER: GP-07
 CONTRACT: 2025.02 28 OF 50

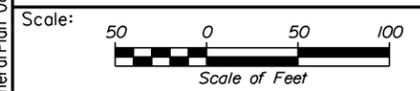
Date: 11/12/2024



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)
- UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan_08.dgn



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

No.	Revision	By	Date

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THE GOLD STAR
MEMORIAL HIGHWAY

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

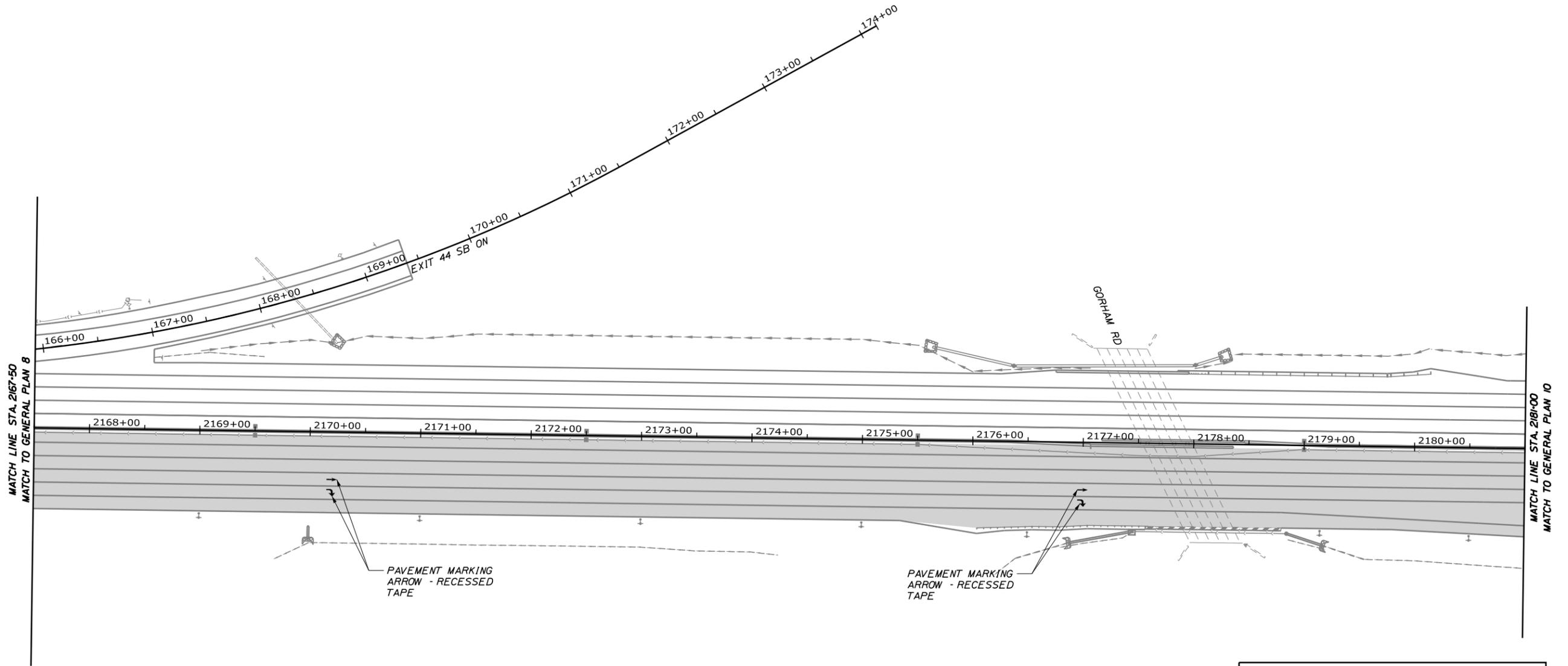
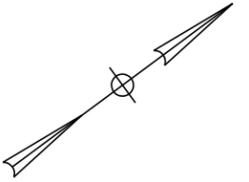
PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (8 OF 29)

SHEET NUMBER: GP-08
29 OF 50

CONTRACT: 2025.02

Date: 11/12/2024



ITEM 627.944 PAVEMENT MARKINGS - RECESSED TAPE - WORDS, ARROWS, AND STOP BARS

STATION	OFFSET
2170+20.0	43.0' RT.
2170+20.0	55.0' RT.
2177+00.0	43.0' RT.
2177+00.0	55.0' RT.

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 2021(01)
	UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan_09.dgn



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**THE GOLD STAR
 MEMORIAL HIGHWAY**

**PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3**

GENERAL PLAN (9 OF 29)

No.	Revision	By	Date

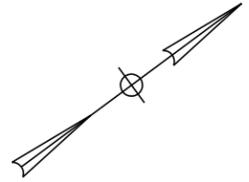
CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
	By	Date	Checked	By	Date
Designed	PEM	11\24	Checked	DAM	11\24
Drawn	EPR	11\24	In Charge of	TRC	11\24

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

CONTRACT: 2025.02

SHEET NUMBER: GP-09

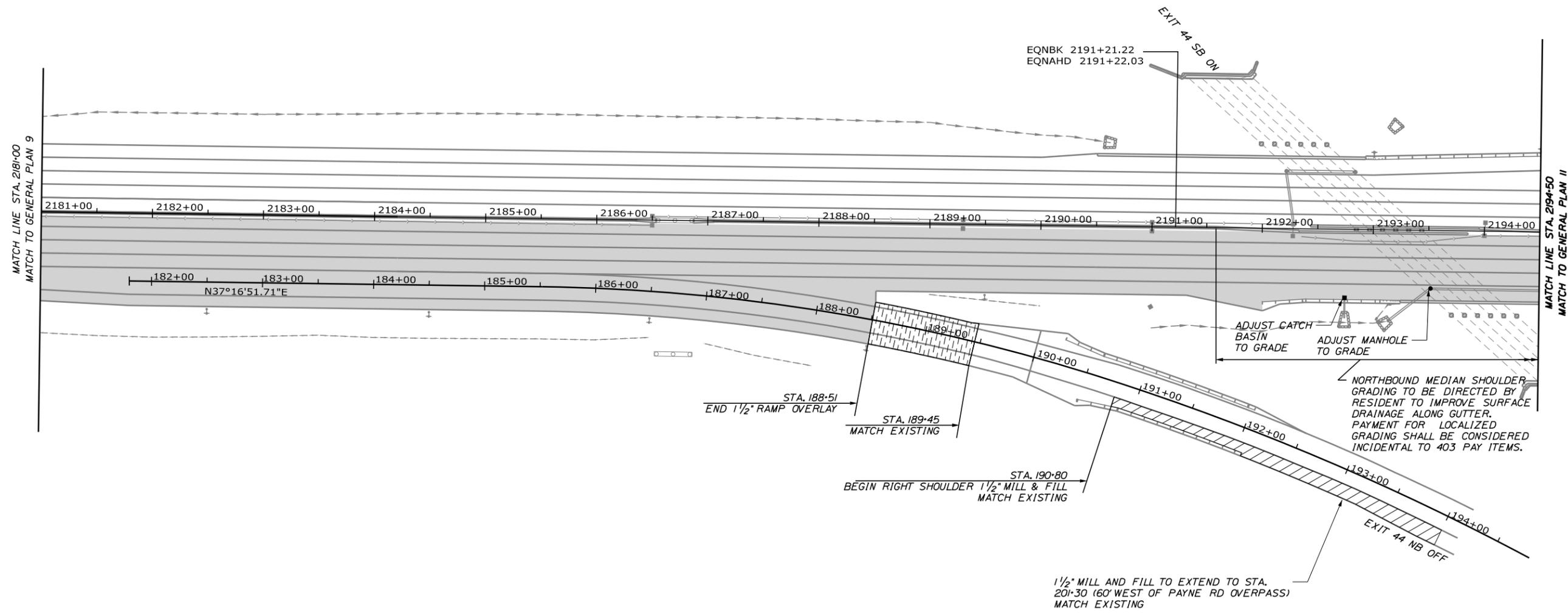
30 OF 50



LEGEND

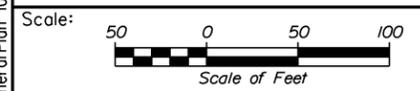
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 202(01)
	UNDERPASS PAVEMENT

Date: 11/12/2024



ITEM 604.18 ADJUST MANHOLE
OR CATCH BASIN TO GRADE
STATION OFFSET
2192+74.8 61.5' RT.
2193+52.2 52.1' RT.

Filename: OXX_GeneralPlan_10.dgn



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No.	Revision	By	Date

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THE GOLD STAR
MEMORIAL HIGHWAY

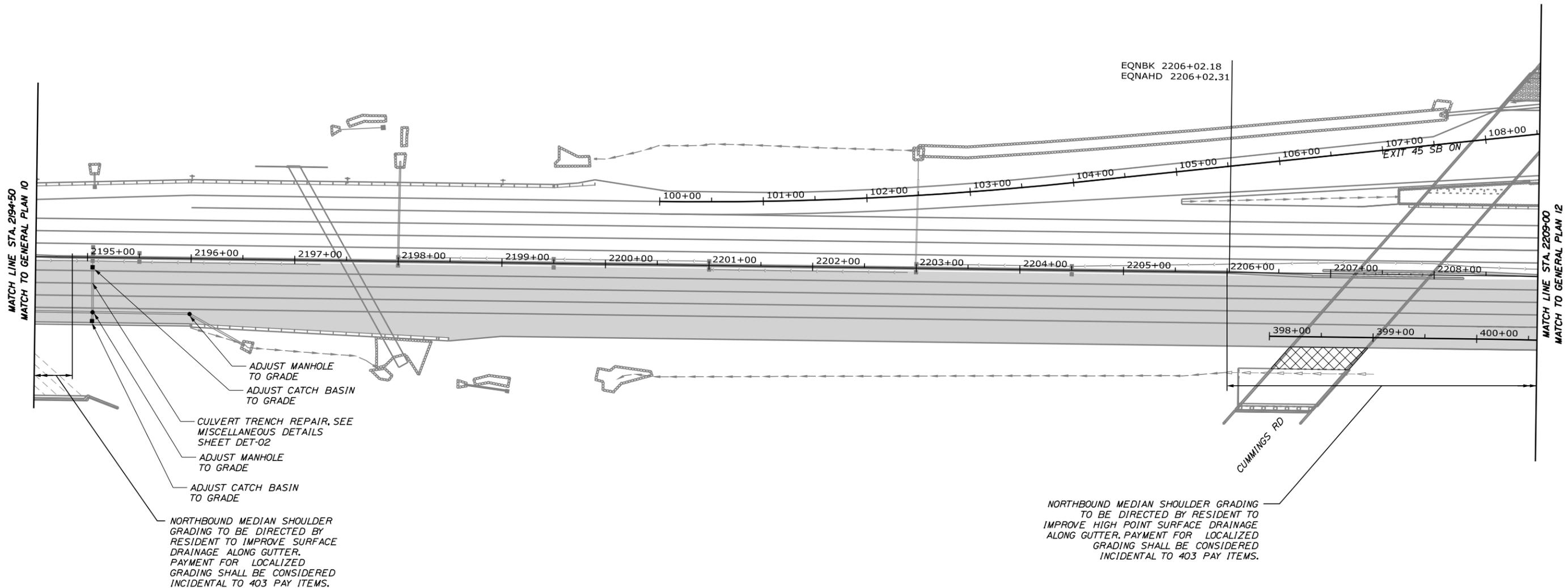
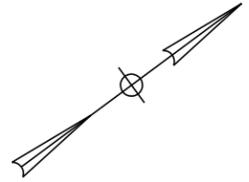
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (10 OF 29)

SHEET NUMBER: GP-10
CONTRACT: 2025.02
31 OF 50

Date: 11/12/2024



ADJUST MANHOLE TO GRADE
 ADJUST CATCH BASIN TO GRADE
 CULVERT TRENCH REPAIR, SEE MISCELLANEOUS DETAILS SHEET DET-02
 ADJUST MANHOLE TO GRADE
 ADJUST CATCH BASIN TO GRADE
 NORTHBOUND MEDIAN SHOULDER GRADING TO BE DIRECTED BY RESIDENT TO IMPROVE SURFACE DRAINAGE ALONG GUTTER. PAYMENT FOR LOCALIZED GRADING SHALL BE CONSIDERED INCIDENTAL TO 403 PAY ITEMS.

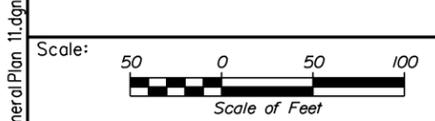
NORTHBOUND MEDIAN SHOULDER GRADING TO BE DIRECTED BY RESIDENT TO IMPROVE HIGH POINT SURFACE DRAINAGE ALONG GUTTER. PAYMENT FOR LOCALIZED GRADING SHALL BE CONSIDERED INCIDENTAL TO 403 PAY ITEMS.

ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE

STATION	OFFSET
2195-05.1	9.6' RT.
2195-05.5	53.0' RT.
2195-05.5	61.5' RT.
2195-99.3	53.4' RT.

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)
	UNDERPASS PAVEMENT



No.	Revision	By	Date

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

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

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

PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (11 OF 29)

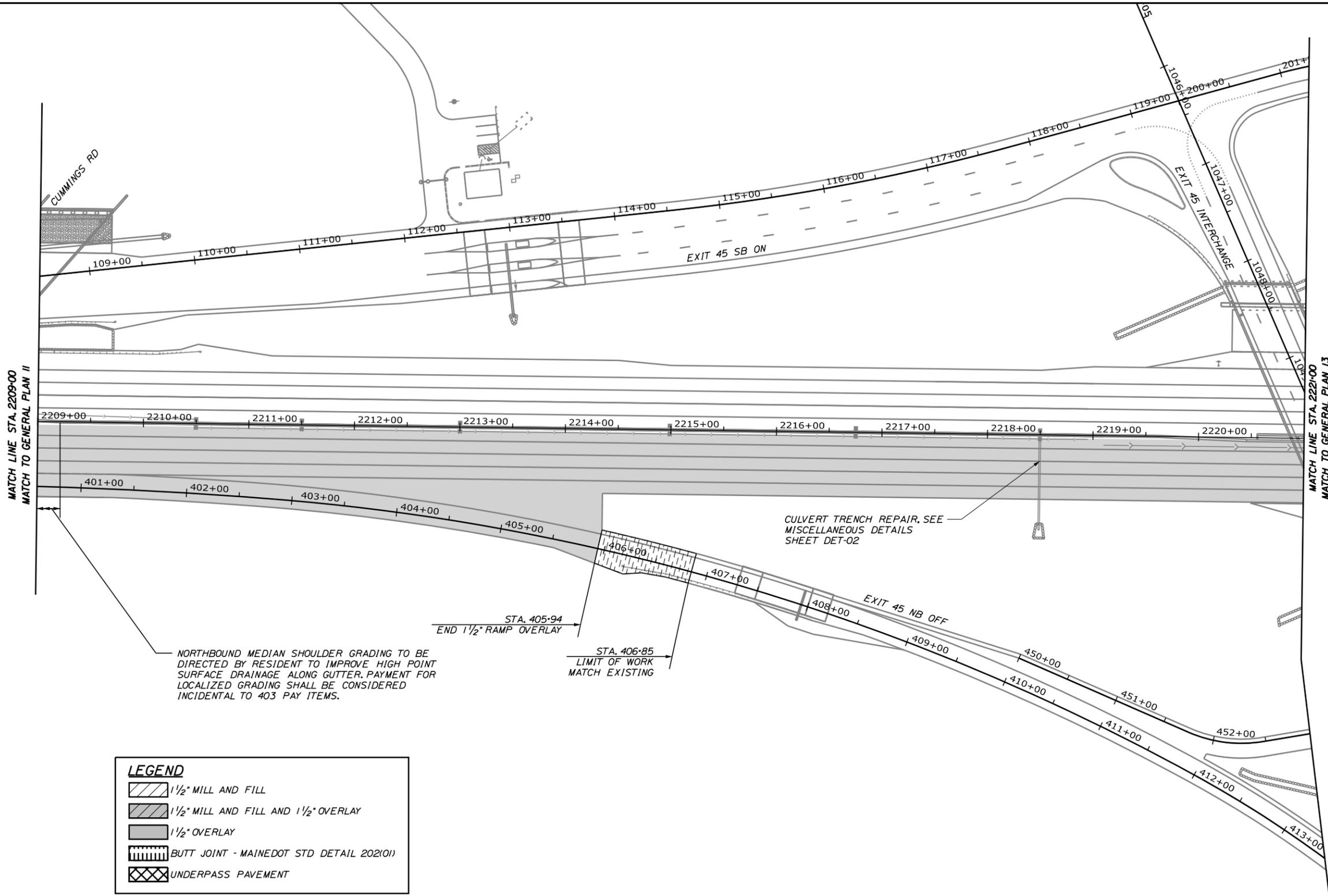
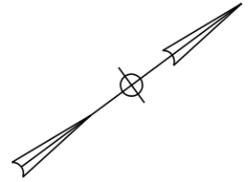
SHEET NUMBER: GP-11

CONTRACT: 2025.02

32 OF 50

Filename: OXX_GeneralPlan 11.dgn

Date: 11/12/2024



MATCH LINE STA. 2209+00
MATCH TO GENERAL PLAN II

MATCH LINE STA. 2221+00
MATCH TO GENERAL PLAN I3

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)
- UNDERPASS PAVEMENT

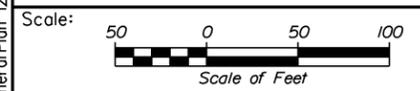
NORTHBOUND MEDIAN SHOULDER GRADING TO BE DIRECTED BY RESIDENT TO IMPROVE HIGH POINT SURFACE DRAINAGE ALONG GUTTER. PAYMENT FOR LOCALIZED GRADING SHALL BE CONSIDERED INCIDENTAL TO 403 PAY ITEMS.

STA. 405+94
END 1 1/2" RAMP OVERLAY

STA. 406+85
LIMIT OF WORK
MATCH EXISTING

CULVERT TRENCH REPAIR. SEE MISCELLANEOUS DETAILS SHEET DET-02

Filename: OXX_GeneralPlan 12.dgn



Designed by:

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

No.	Revision	By	Date

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THE GOLD STAR
MEMORIAL HIGHWAY

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

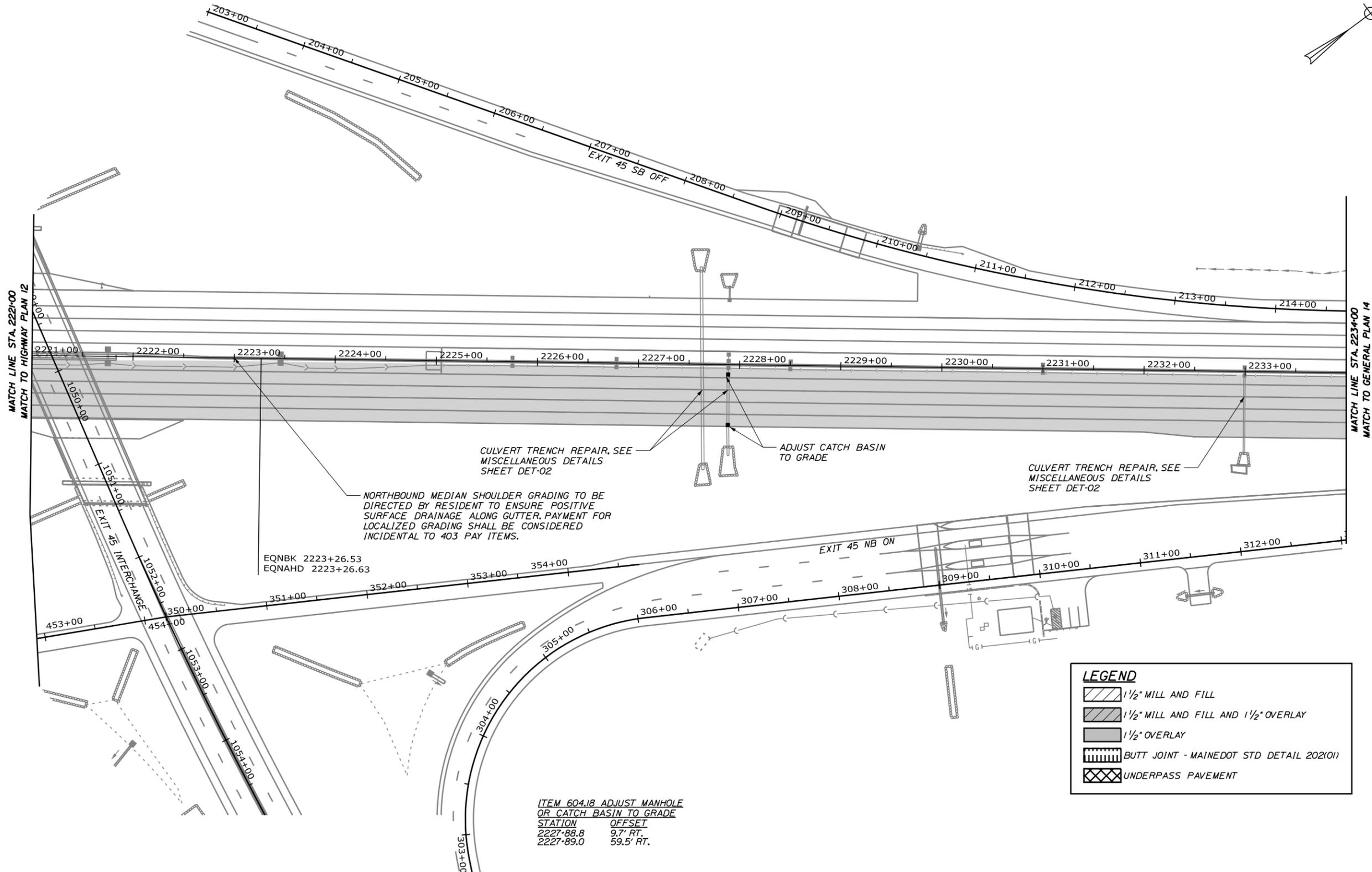
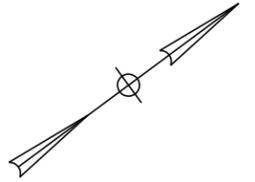
PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (12 OF 29)

SHEET NUMBER: GP-12
33 OF 50

CONTRACT: 2025.02

Date: 11/12/2024



MATCH LINE STA. 222+00
MATCH TO HIGHWAY PLAN 12

MATCH LINE STA. 223+00
MATCH TO GENERAL PLAN 14

EQNBK 2223+26.53
EQNAHD 2223+26.63

CULVERT TRENCH REPAIR, SEE
MISCELLANEOUS DETAILS
SHEET DET-02

ADJUST CATCH BASIN
TO GRADE

CULVERT TRENCH REPAIR, SEE
MISCELLANEOUS DETAILS
SHEET DET-02

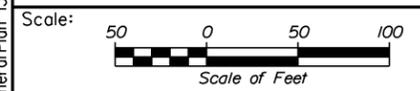
NORTHBOUND MEDIAN SHOULDER GRADING TO BE
DIRECTED BY RESIDENT TO ENSURE POSITIVE
SURFACE DRAINAGE ALONG GUTTER. PAYMENT FOR
LOCALIZED GRADING SHALL BE CONSIDERED
INCIDENTAL TO 403 PAY ITEMS.

ITEM 604.18 ADJUST MANHOLE
OR CATCH BASIN TO GRADE
STATION OFFSET
2227+88.8 9.7' RT.
2227+89.0 59.5' RT.

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)
- UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan_13.dgn



No.	Revision	By	Date

Designed by:

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MAINE TURNPIKE

**THE GOLD STAR
MEMORIAL HIGHWAY**

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

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

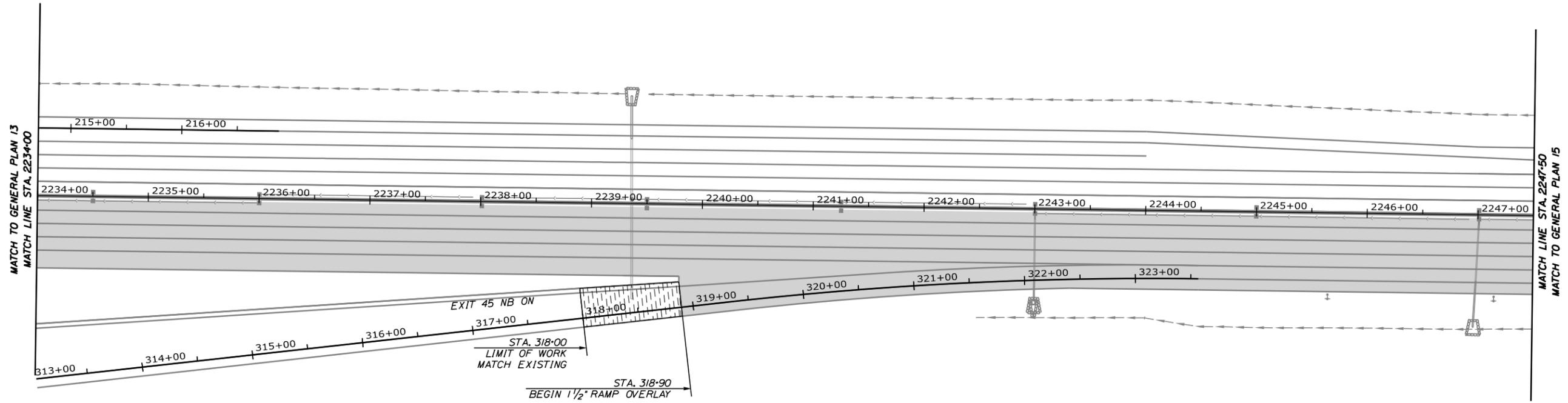
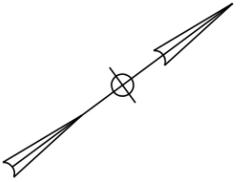
GENERAL PLAN (13 OF 29)

SHEET NUMBER: GP-13

CONTRACT: 2025.02

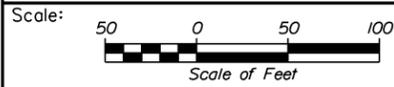
34 OF 50

Date: 11/12/2024



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)
- UNDERPASS PAVEMENT



Designed by:

HNTB

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

No.	Revision	By	Date

	By	Date		By	Date
Designed	PEM	11\24	Checked	DAM	11\24
Drawn	EPR	11\24	In Charge of	TRC	11\24

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

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

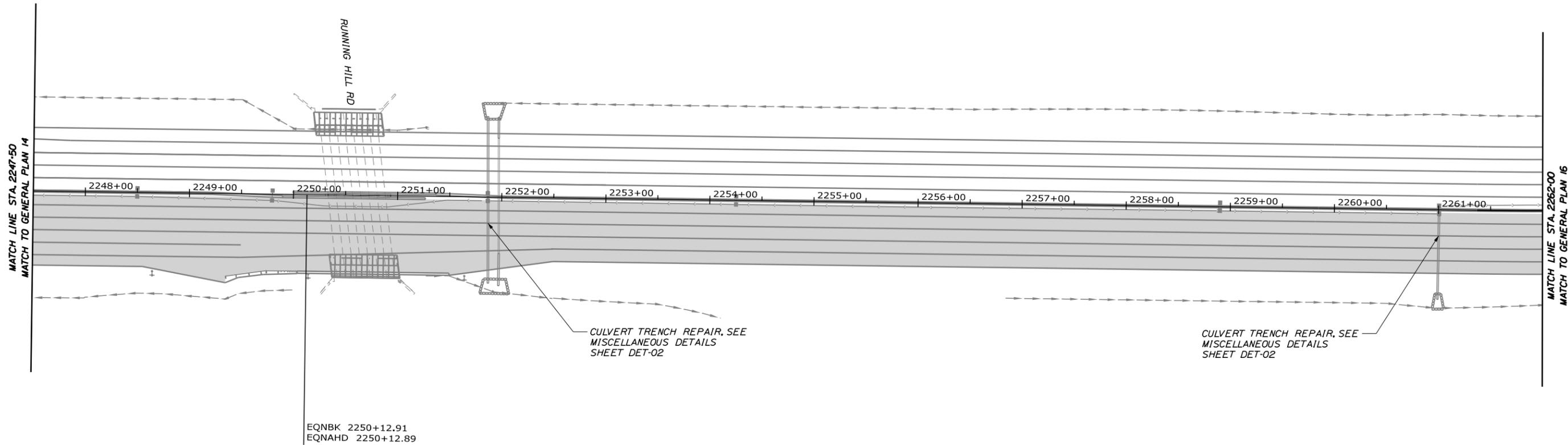
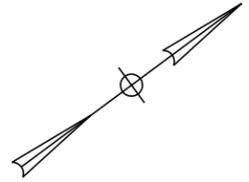
PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (14 OF 29)

SHEET NUMBER: GP-14
 CONTRACT: 2025.02
 35 OF 50

Filename: OXX_GeneralPlan 14.dgn

Date: 11/12/2024



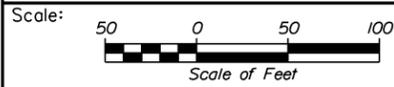
EQNBK 2250+12.91
EQNAHD 2250+12.89

CULVERT TRENCH REPAIR, SEE
MISCELLANEOUS DETAILS
SHEET DET-02

CULVERT TRENCH REPAIR, SEE
MISCELLANEOUS DETAILS
SHEET DET-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)
	UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan_15.dgn



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THE GOLD STAR
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PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND 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		By	Date
Designed	PEM	11\24	Checked	DAM	11\24
Drawn	EPR	11\24	In Charge of	TRC	11\24

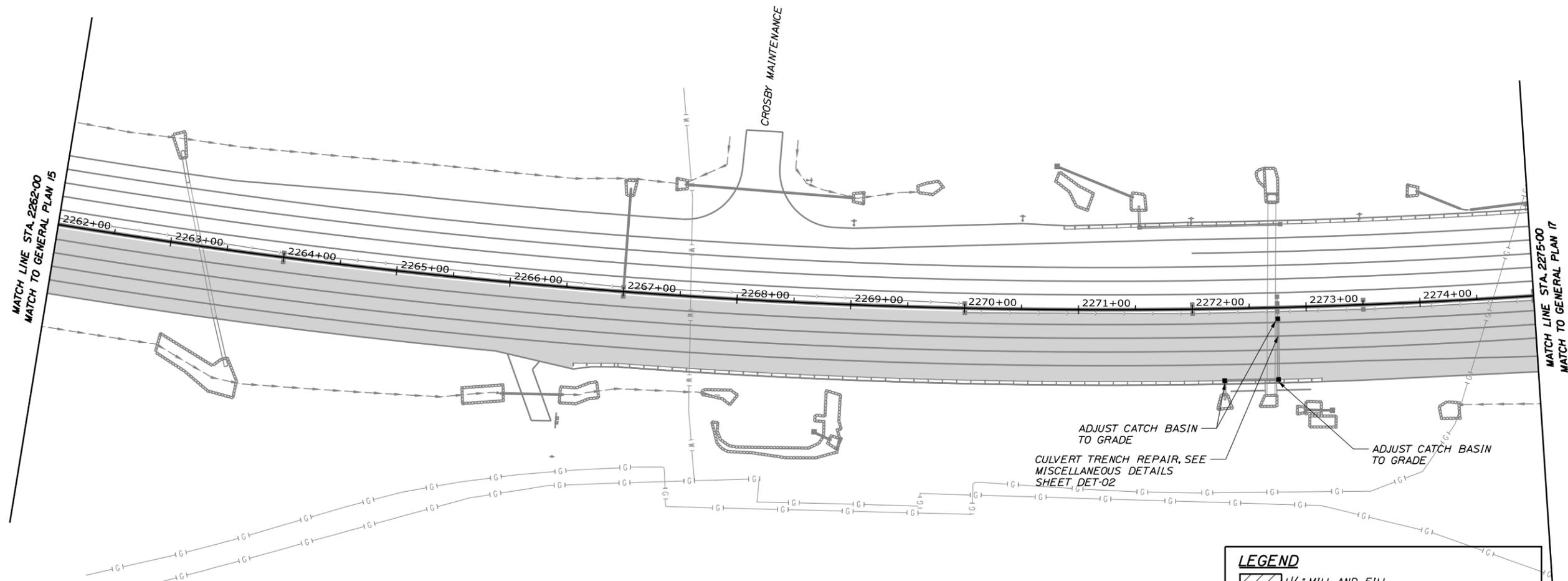
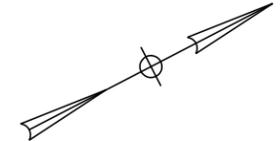
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

CONTRACT: 2025.02

SHEET NUMBER: GP-15

36 OF 50

Date: 11/12/2024



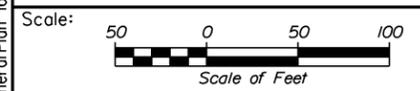
ADJUST CATCH BASIN TO GRADE
 CULVERT TRENCH REPAIR. SEE MISCELLANEOUS DETAILS SHEET DET-02
 ADJUST CATCH BASIN TO GRADE

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)
- UNDERPASS PAVEMENT

ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE
 STATION OFFSET
 2272+27.3 62.9' RT.
 2272+74.2 63.0' RT.
 2272+74.8 9.8' RT.

Filename: OXX_GeneralPlan_16.dgn



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

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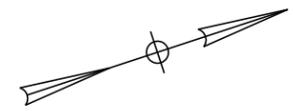
THE GOLD STAR
MEMORIAL HIGHWAY

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

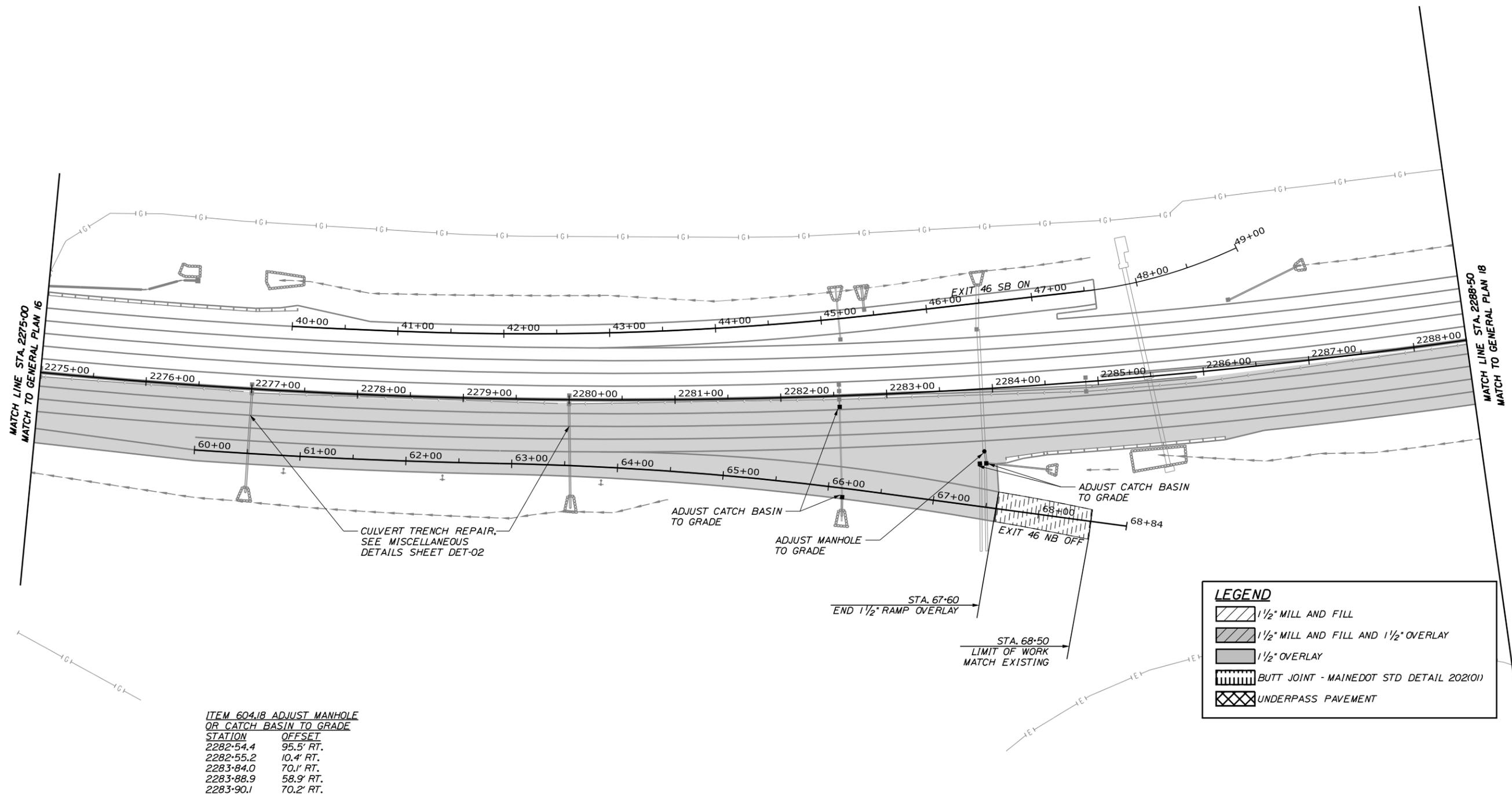
PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (16 OF 29)

SHEET NUMBER: GP-16
 CONTRACT: 2025.02
 37 OF 50



Date: 11/12/2024



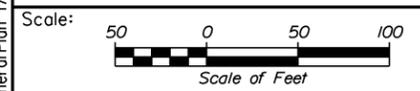
ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE

STATION	OFFSET
2282+54.4	95.5' RT.
2282+55.2	10.4' RT.
2283+84.0	70.1' RT.
2283+88.9	58.9' RT.
2283+90.1	70.2' RT.

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)
	UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan 17.dgn



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

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

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

PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (17 OF 29)

SHEET NUMBER: GP-17

CONTRACT: 2025.02

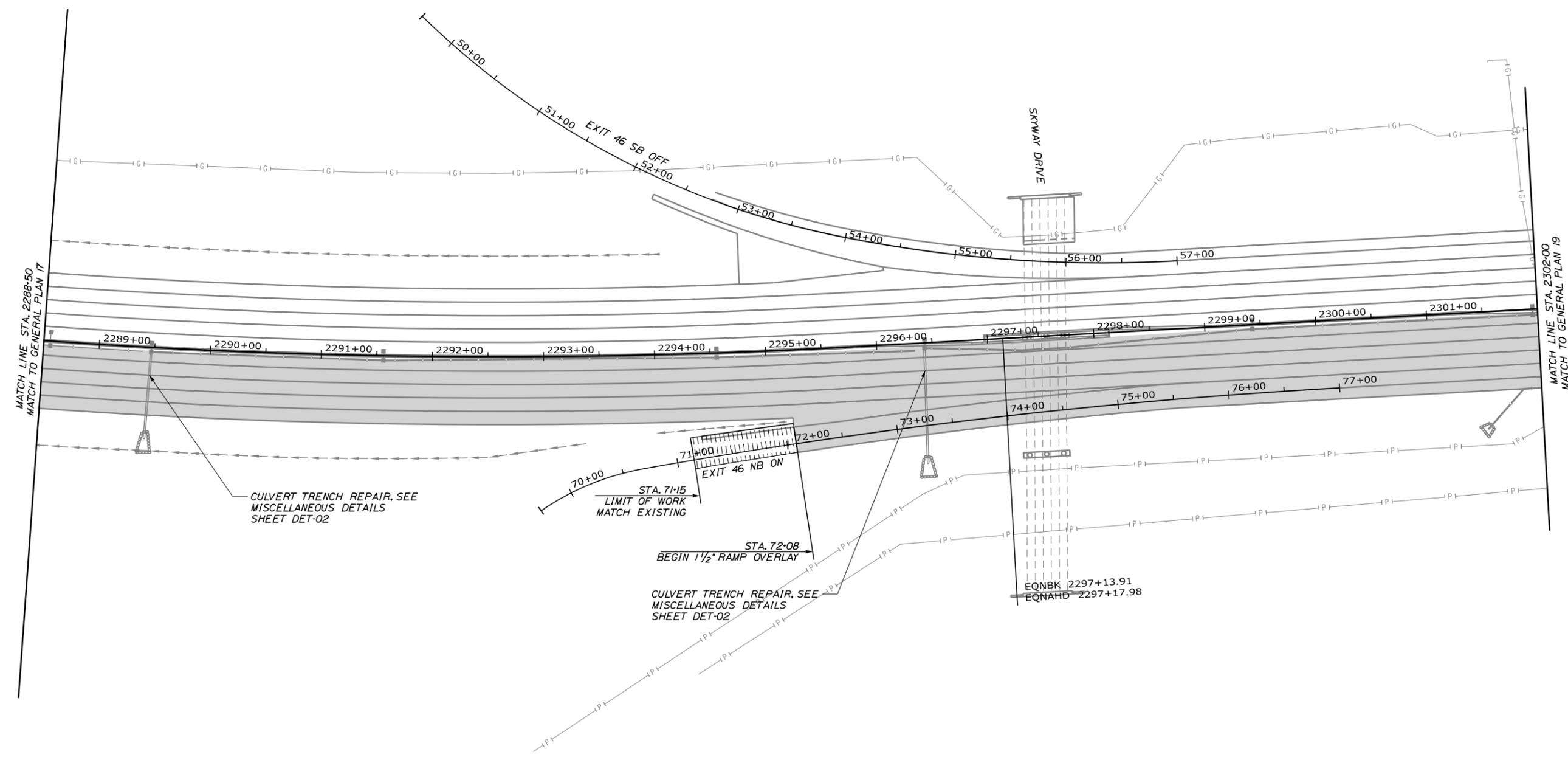
38 OF 50

LEGEND

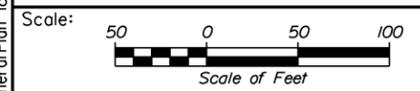
- 1 1/2" MILL AND FILL
- 1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
- 1 1/2" OVERLAY
- BUTT JOINT - MAINEDOT STD DETAIL 202(01)
- UNDERPASS PAVEMENT



Date: 11/12/2024



Filename: OXX_GeneralPlan_18.dgn



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THE GOLD STAR
MEMORIAL HIGHWAY

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

PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (18 OF 29)

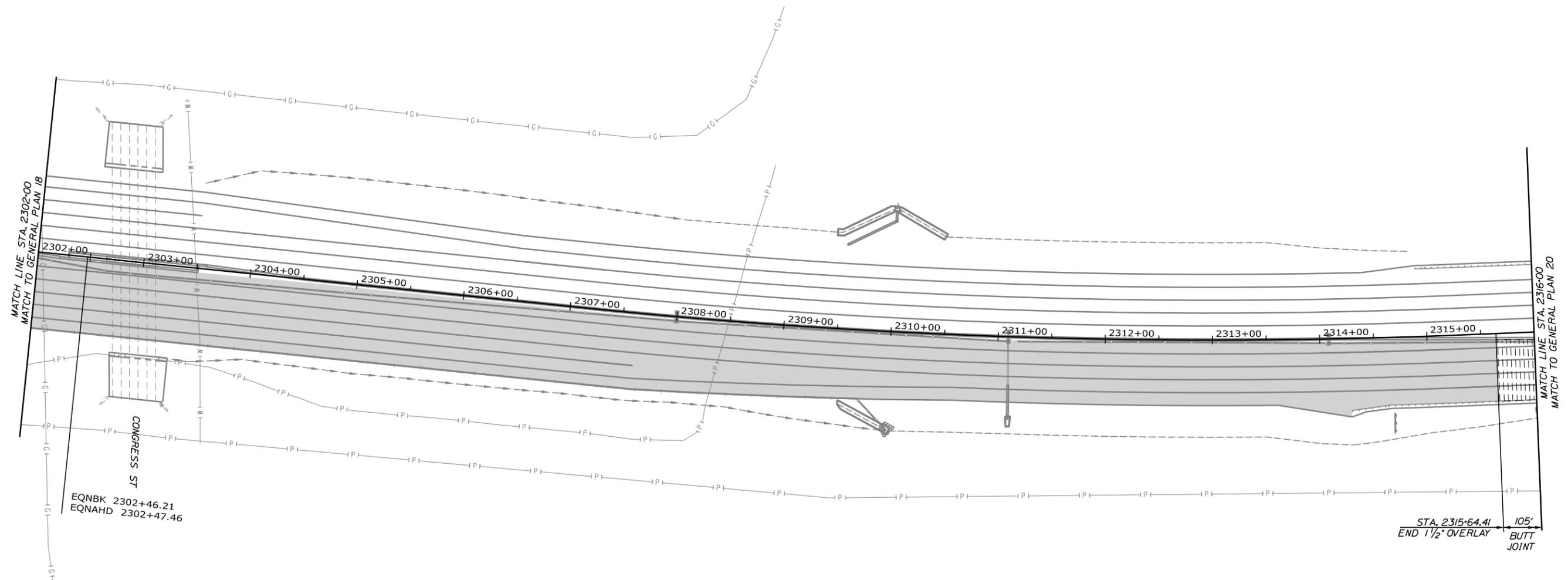
SHEET NUMBER: GP-18
39 OF 50

CONTRACT: 2025.02

Date: 11/12/2024

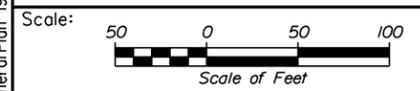


LEGEND	
	1 1/2" MILL AND FILL
	1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
	1 1/2" OVERLAY
	BUTT JOINT - MAINEDOT STD DETAIL 2021(01)
	UNDERPASS PAVEMENT



STA. 2315+64.41
END 1 1/2" OVERLAY
105'
BUTT JOINT

Filename: OXX_GeneralPlan_19.dgn



No.	Revision	By	Date

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

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**THE GOLD STAR
MEMORIAL HIGHWAY**

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

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (19 OF 29)

SHEET NUMBER: GP-19

CONTRACT: 2025.02

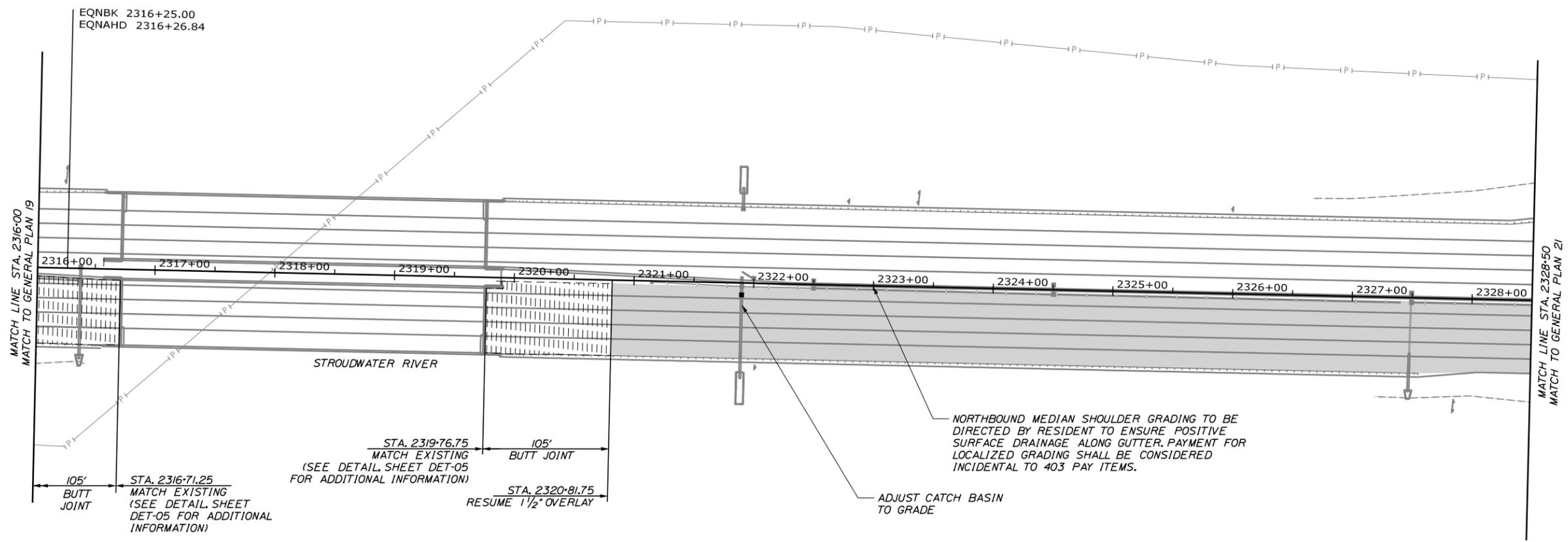
40 OF 50

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)
- UNDERPASS PAVEMENT

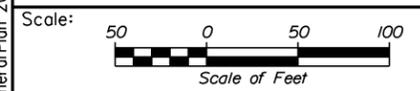


Date: 11/12/2024



ITEM 604.1B ADJUST MANHOLE OR CATCH BASIN TO GRADE
 STATION OFFSET
 2321+90.0 10.40' RT.

Filename: OXX_GeneralPlan_20.dgn



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

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THE GOLD STAR
MEMORIAL HIGHWAY

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

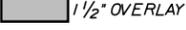
PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (20 OF 29)

SHEET NUMBER: GP-20
41 OF 50

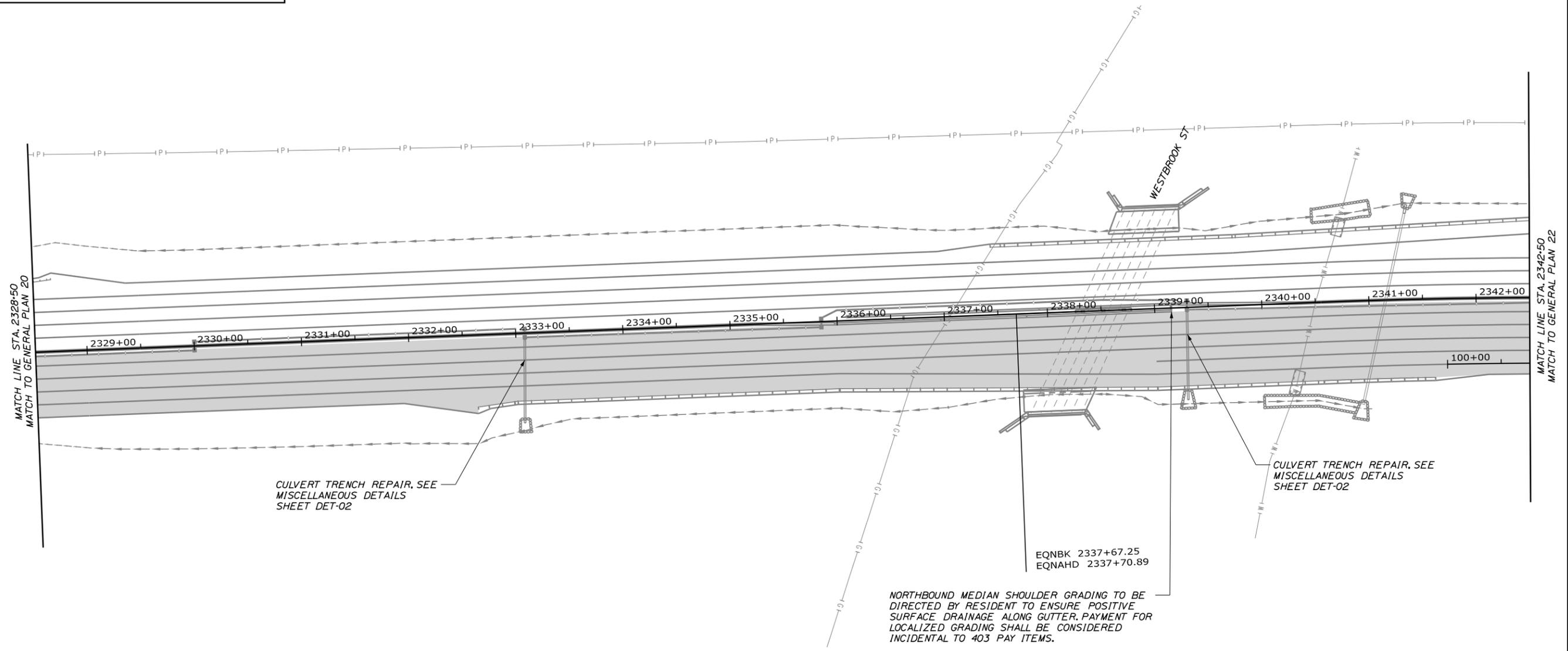
CONTRACT: 2025.02

LEGEND

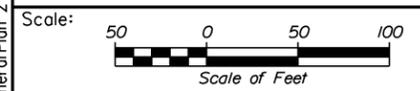
-  1 1/2" MILL AND FILL
-  1 1/2" MILL AND FILL AND 1 1/2" OVERLAY
-  1 1/2" OVERLAY
-  BUTT JOINT - MAINEDOT STD DETAIL 202(01)
-  UNDERPASS PAVEMENT



Date: 11/12/2024



Filename: OXX_GeneralPlan 21.dgn



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

	By	Date		By	Date
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THE GOLD STAR
MEMORIAL HIGHWAY

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

PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (21 OF 29)

SHEET NUMBER: GP-21
42 OF 50

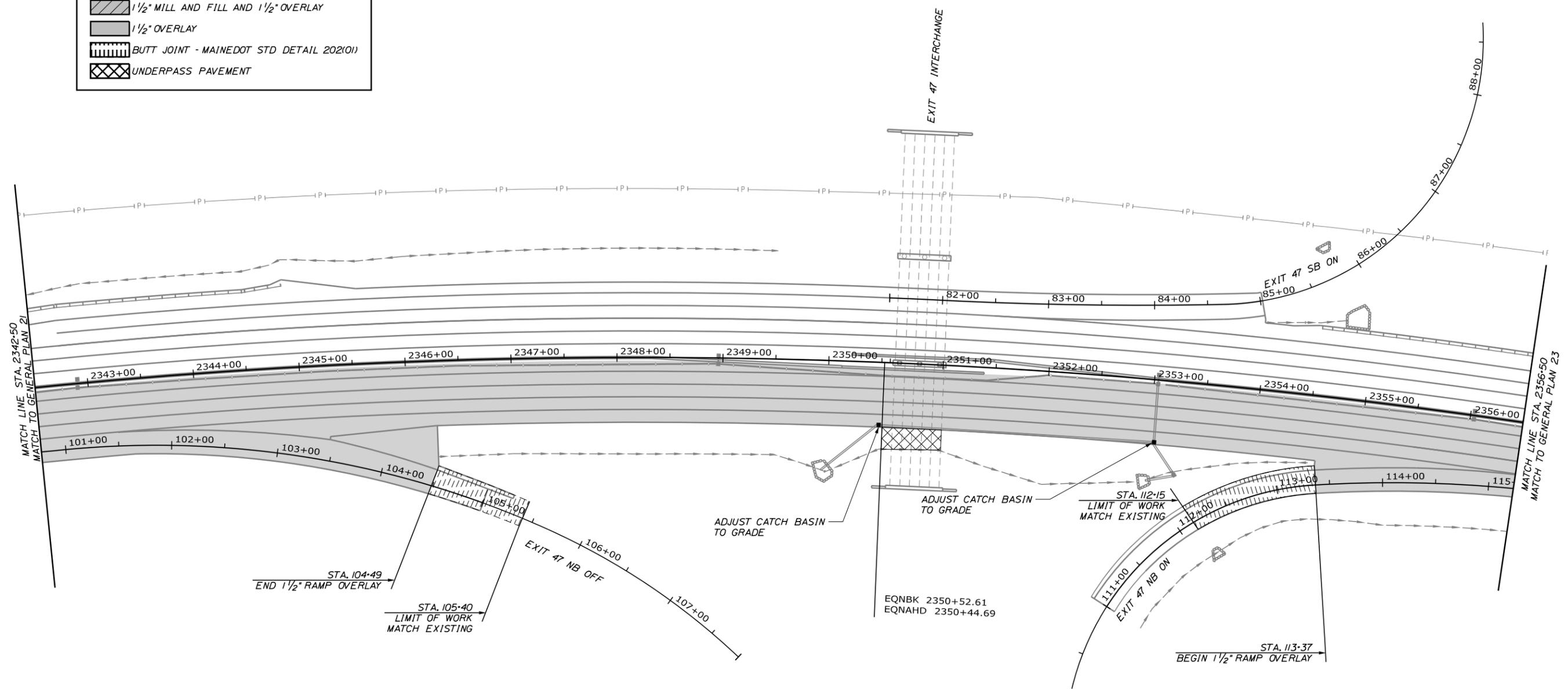
CONTRACT: 2025.02

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 2021(01)
	UNDERPASS PAVEMENT

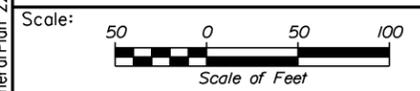


Date: 11/12/2024



ITEM 604.18 ADJUST MANHOLE
OR CATCH BASIN TO GRADE
STATION OFFSET
2350+49.5 59.0' RT.
2353+04.5 59.0' RT.

Filename: OXX_GeneralPlan 22.dgn



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

No.	Revision	By	Date

	By	Date		By	Date
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Drawn	EPR	11\24	In Charge of	TRC	11\24

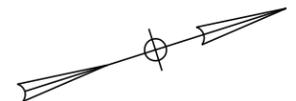
HNTB CORPORATION
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**THE GOLD STAR
MEMORIAL HIGHWAY**

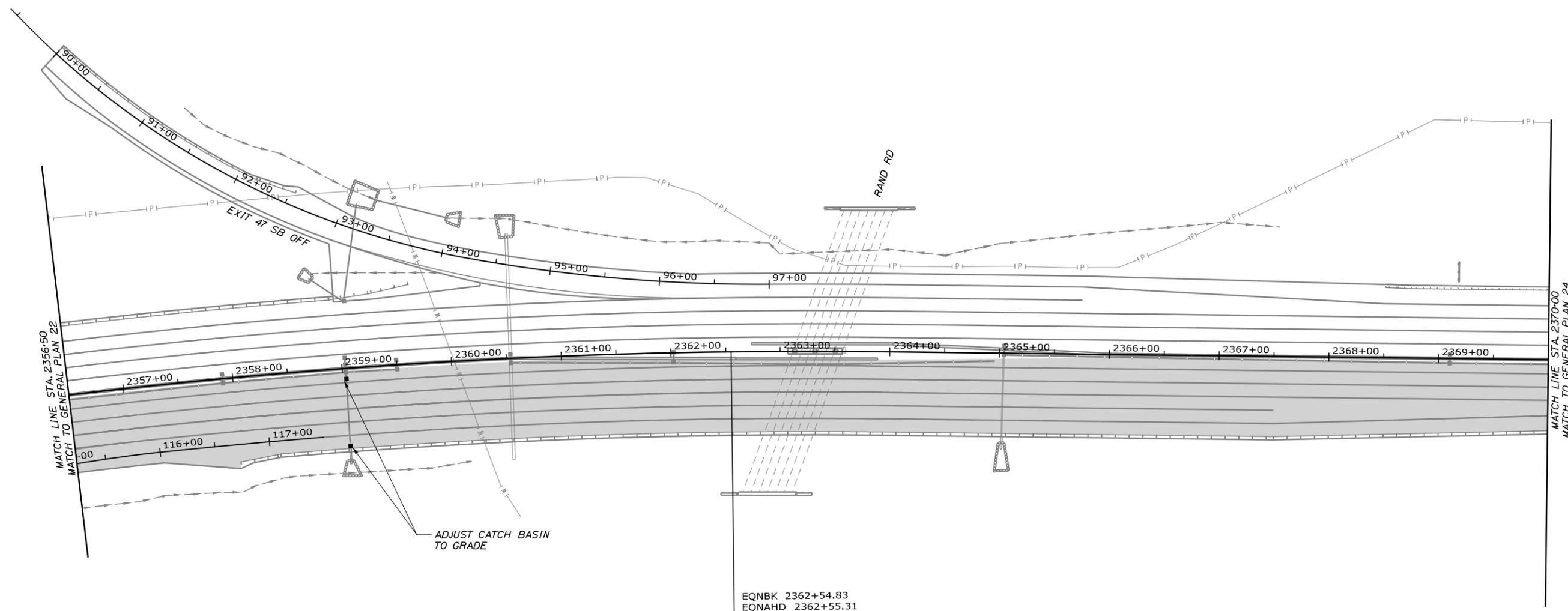
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

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

SHEET NUMBER: GP-22
CONTRACT: 2025.02
43 OF 50



Date: 11/12/2024



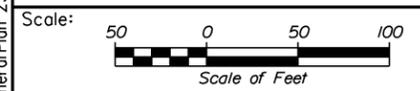
ITEM 604.18 ADJUST MANHOLE
OR CATCH BASIN TO GRADE
STATION OFFSET
2359+02.6 70.7' RT.
2359+03.3 9.7' RT.

EQNBK 2362+54.83
EQNAHD 2362+55.31

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 2021(01)
- UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan_23.dgn



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No.	Revision	By	Date

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

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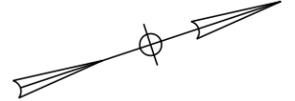
THE GOLD STAR
MEMORIAL HIGHWAY

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

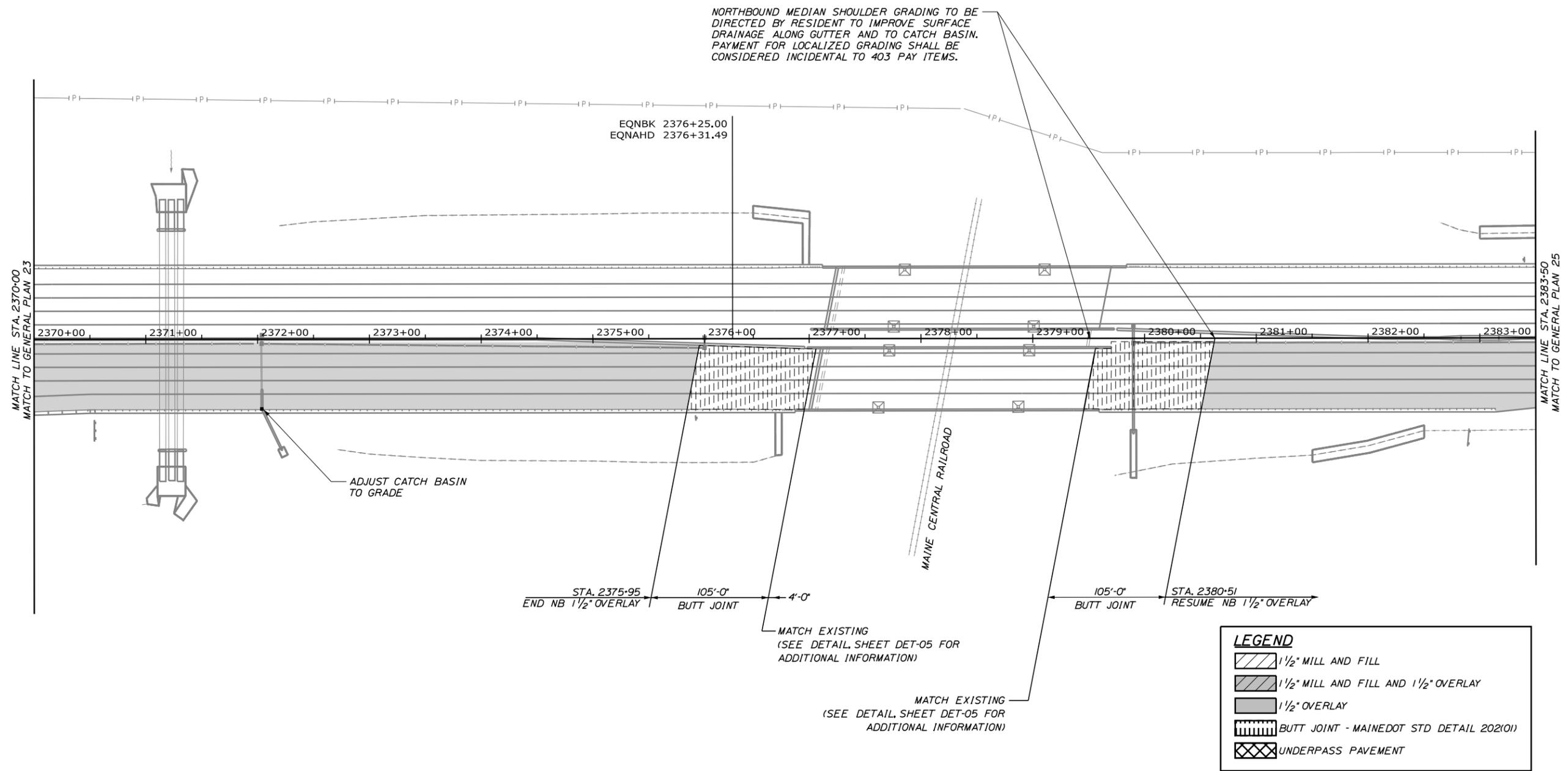
PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (23 OF 29)

SHEET NUMBER: GP-23
CONTRACT: 2025.02
44 OF 50



Date: 11/12/2024

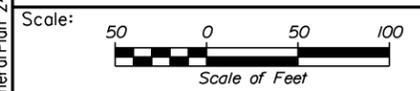


ITEM 604.18 ADJUST MANHOLE
OR CATCH BASIN TO GRADE
STATION OFFSET
2372+03.9 62.1' RT.

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)
- UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan_24.dgn



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

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

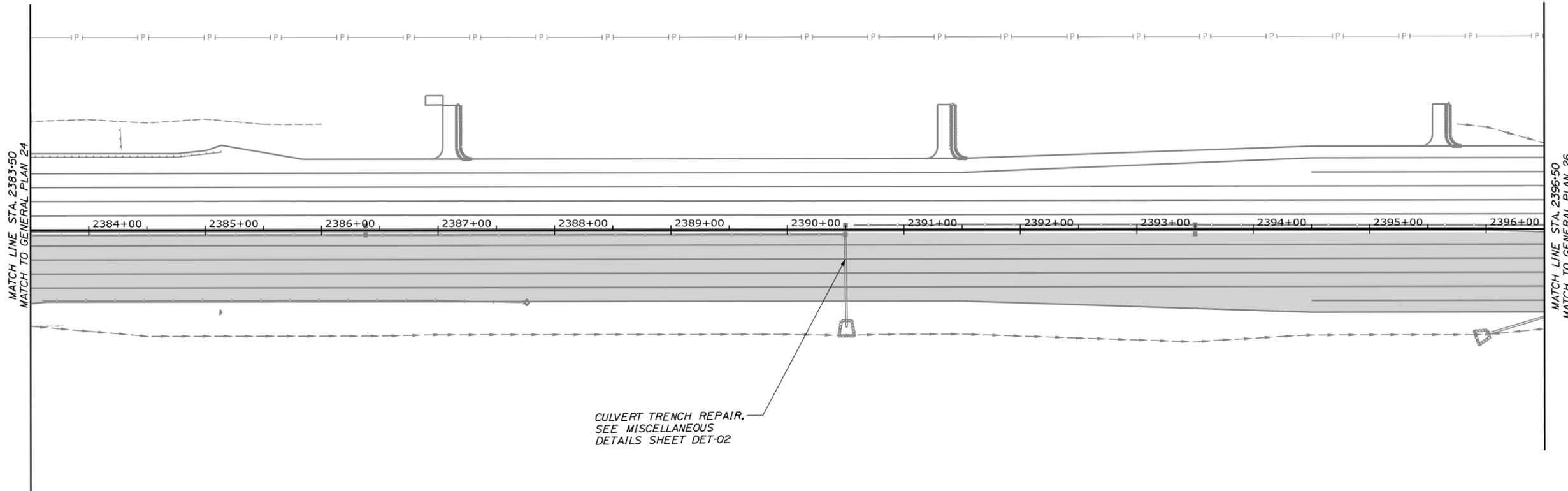
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (24 OF 29)

SHEET NUMBER: GP-24
CONTRACT: 2025.02
45 OF 50

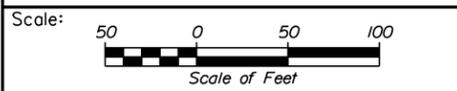
Date: 11/12/2024



CULVERT TRENCH REPAIR,
SEE MISCELLANEOUS
DETAILS SHEET DET-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)
	UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan 25.dgn



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No.	Revision	By	Date

CONSULTANT PROJECT MANAGER: Dale A. Mitchell, P.E.					
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THE GOLD STAR
MEMORIAL HIGHWAY

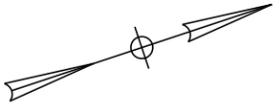
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (25 OF 29)

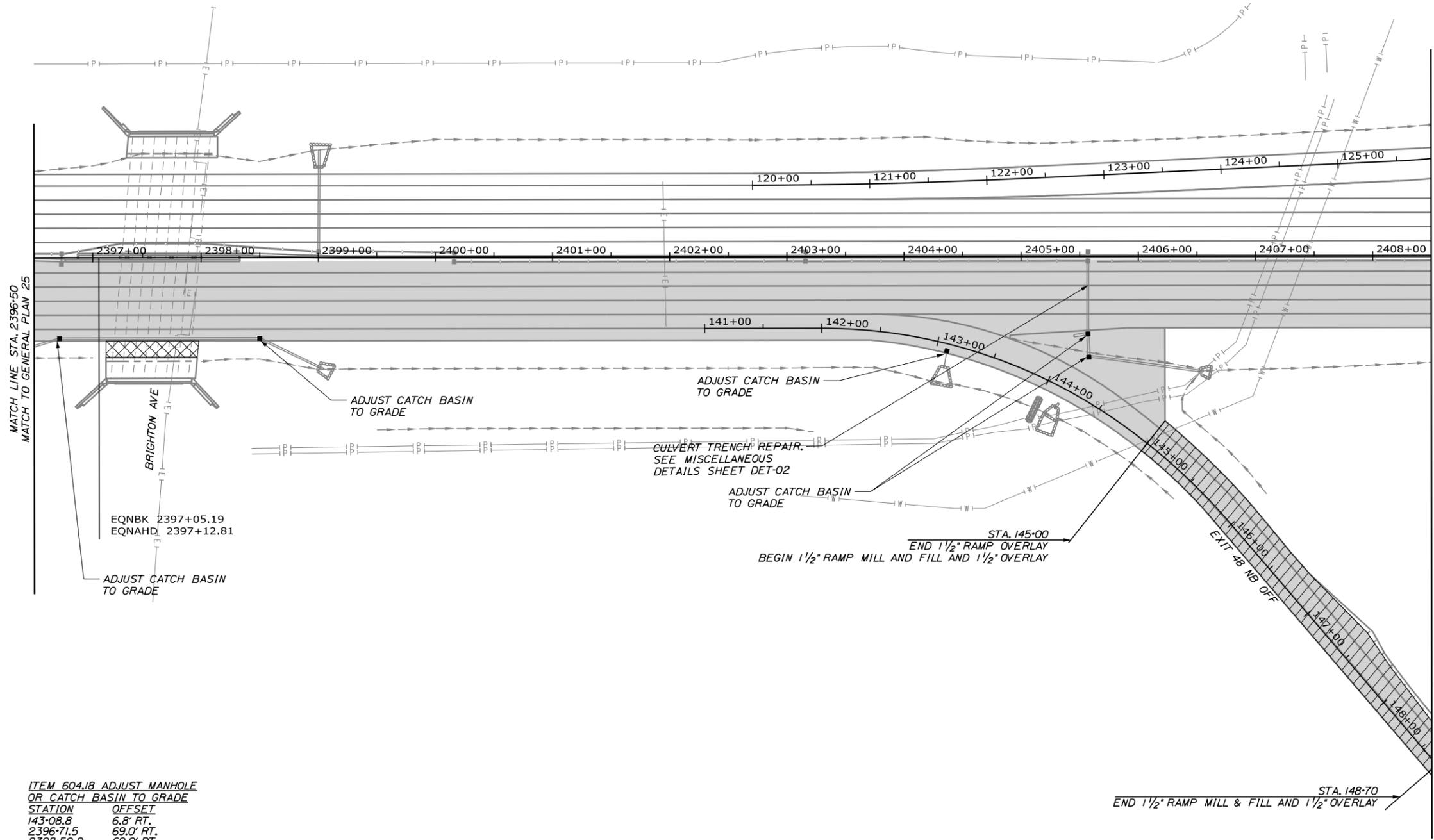
SHEET NUMBER: GP-25
46 OF 50

CONTRACT: 2025.02



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)
	UNDERPASS PAVEMENT

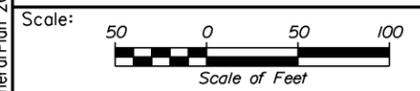


ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE

STATION	OFFSET
143+08.8	6.8' RT.
2396+71.5	69.0' RT.
2398+50.2	69.0' RT.
2405+56.9	66.0' RT.
2405+57.7	85.9' RT.

Date: 11/12/2024

Filename: OXX_GeneralPlan 26.dgn



No.	Revision	By	Date

Designed by:

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

	By	Date	Checked	By	Date
Designed	PEM	11\24	Checked	DAM	11\24
Drawn	EPR	11\24	In Charge of	TRC	11\24

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

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

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

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (26 OF 29)

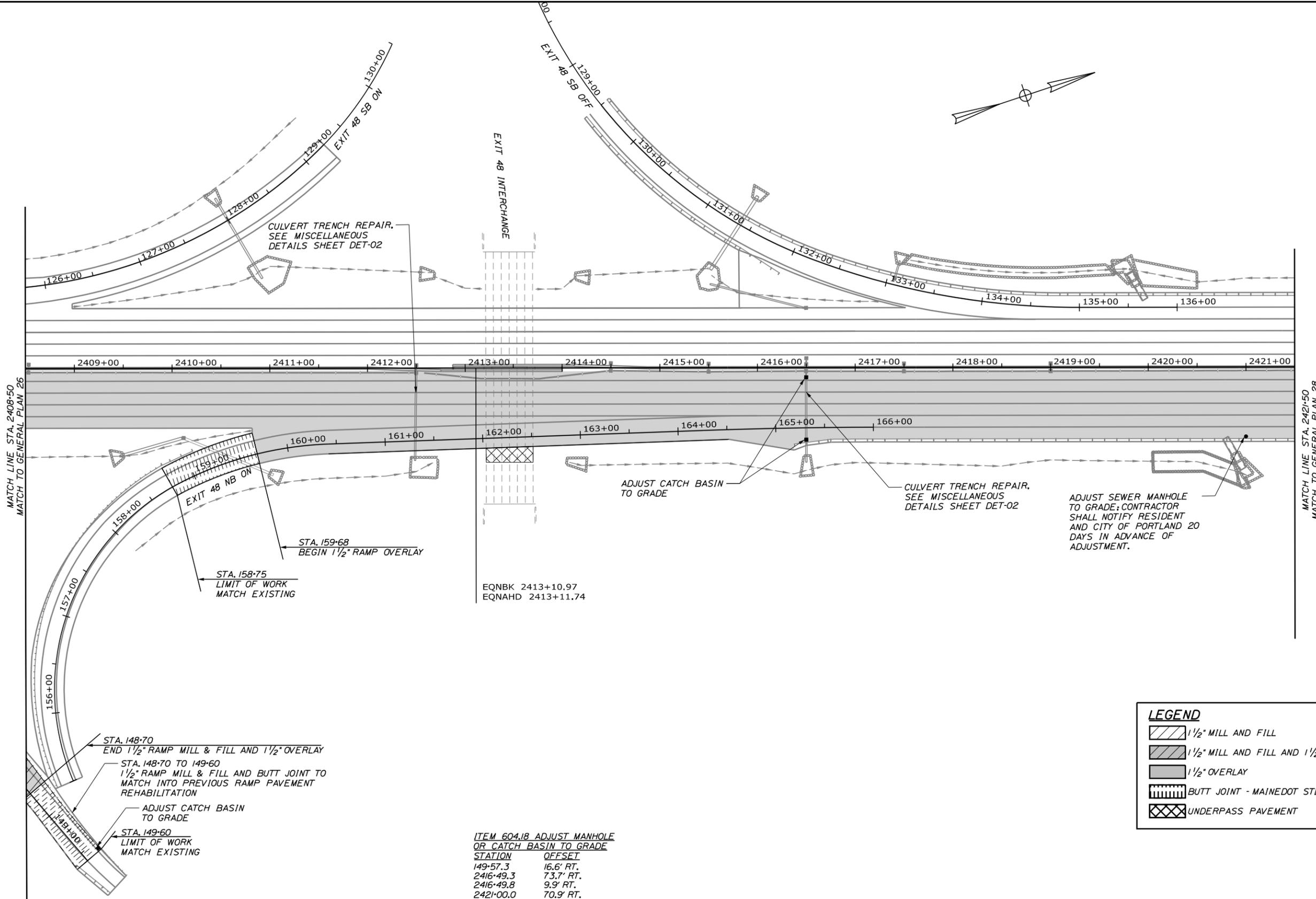
SHEET NUMBER: GP-26

CONTRACT: 2025.02

47 OF 50

Date: 11/12/2024

Filename: OXX_GeneralPlan 27.dgn

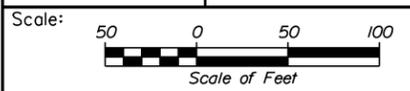


LEGEND

	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)
	UNDERPASS PAVEMENT

ITEM 604.18 ADJUST MANHOLE OR CATCH BASIN TO GRADE

STATION	OFFSET
149+57.3	16.6' RT.
2416+49.3	73.7' RT.
2416+49.8	9.9' RT.
2421+00.0	70.9' RT.



Designed by:

HNTB

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

	By	Date	By	Date
Designed	PEM	11\24	Checked	DAM 11\24
Drawn	EPR	11\24	In Charge of	TRC 11\24

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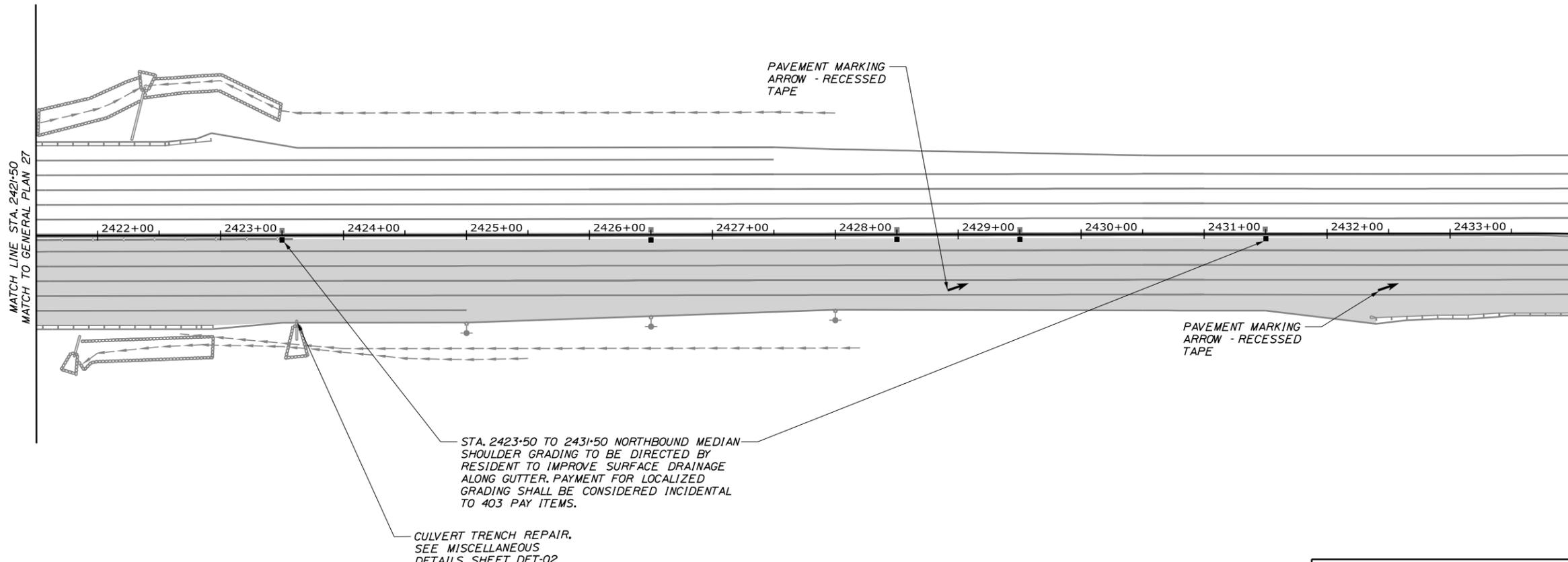
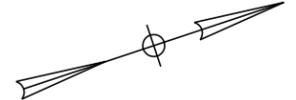
MTA PROJECT MANAGER: Joseph R. Leavitt, P.E.

PORTLAND AREA PAVEMENT REHABILITATION
 NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (27 OF 29)

SHEET NUMBER: GP-27
 CONTRACT: 2025.02
 48 OF 50

Date: 11/12/2024



**ITEM 604.18 ADJUST MANHOLE
OR CATCH BASIN TO GRADE**

STATION	OFFSET
2423+50.0	4.0' RT.
2426+50.0	4.0' RT.
2428+50.0	4.0' RT.
2429+50.0	4.0' RT.
2431+50.0	4.0' RT.

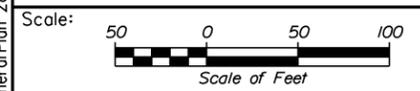
**ITEM 627.944 PAVEMENT MARKINGS - RECESSED
TAPE - WORDS, ARROWS, AND STOP BARS**

STATION	OFFSET
2429+00.0	43.4' RT.
2432+50.0	43.4' RT.

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)
- UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan 28.dgn



Designed by:

HNTB

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

	By	Date	By	Date	
Designed	PEM	11\24	Checked	DAM	11\24
Drawn	EPR	11\24	In Charge of	TRC	11\24

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MAINE TURNPIKE

**THE GOLD STAR
MEMORIAL HIGHWAY**

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

PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

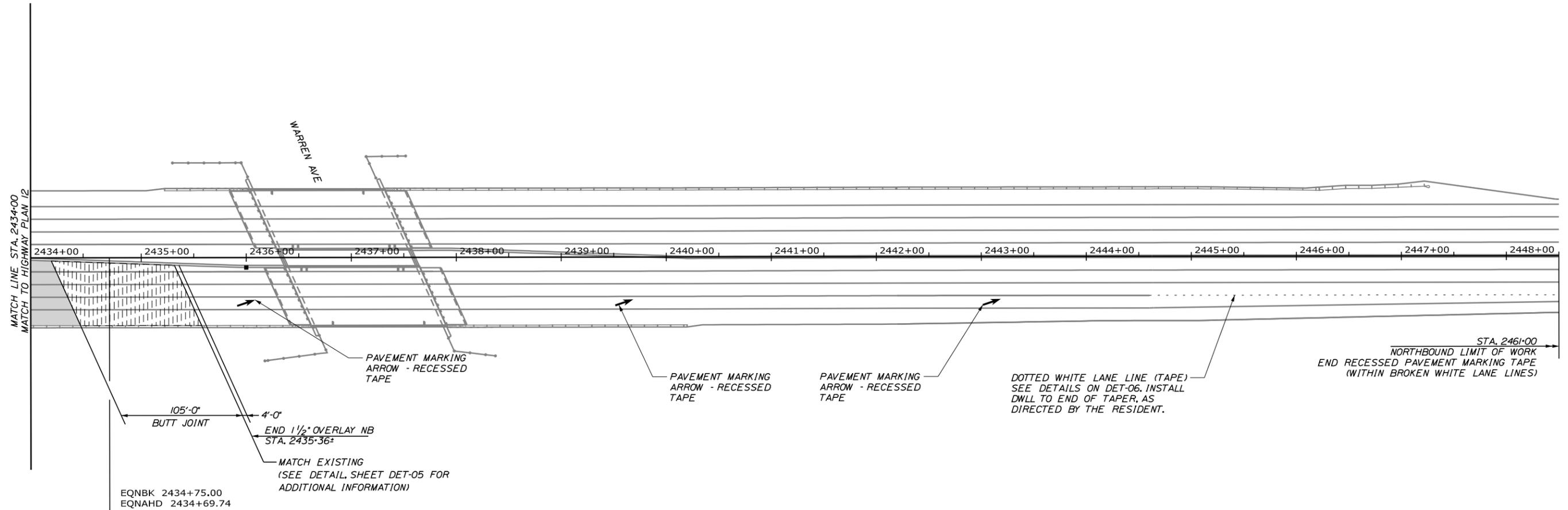
GENERAL PLAN (28 OF 29)

SHEET NUMBER: GP-28

CONTRACT: 2025.02

49 OF 50

Date: 11/12/2024



EQNBK 2434+75.00
EQNAHD 2434+69.74

MATCH EXISTING
(SEE DETAIL SHEET DET-05 FOR
ADDITIONAL INFORMATION)

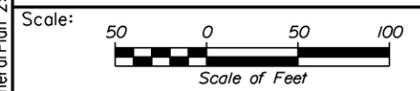
ITEM 627.944 PAVEMENT MARKINGS - RECESSED TAPE - WORDS, ARROWS, AND STOP BARS

STATION	OFFSET
2436+00.0	43.4' RT.
2439+60.0	43.4' RT.
2443+10.0	43.4' RT.

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)
- UNDERPASS PAVEMENT

Filename: OXX_GeneralPlan_29.dgn



Designed by:

HNTB

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

	By	Date	By	Date	
Designed	PEM	11\24	Checked	DAM	11\24
Drawn	EPR	11\24	In Charge of	TRC	11\24

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PORTLAND AREA PAVEMENT REHABILITATION
NORTHBOUND MM 42.0 TO MM 49.3

GENERAL PLAN (29 OF 29)

SHEET NUMBER: GP-29
50 OF 50

CONTRACT: 2025.02