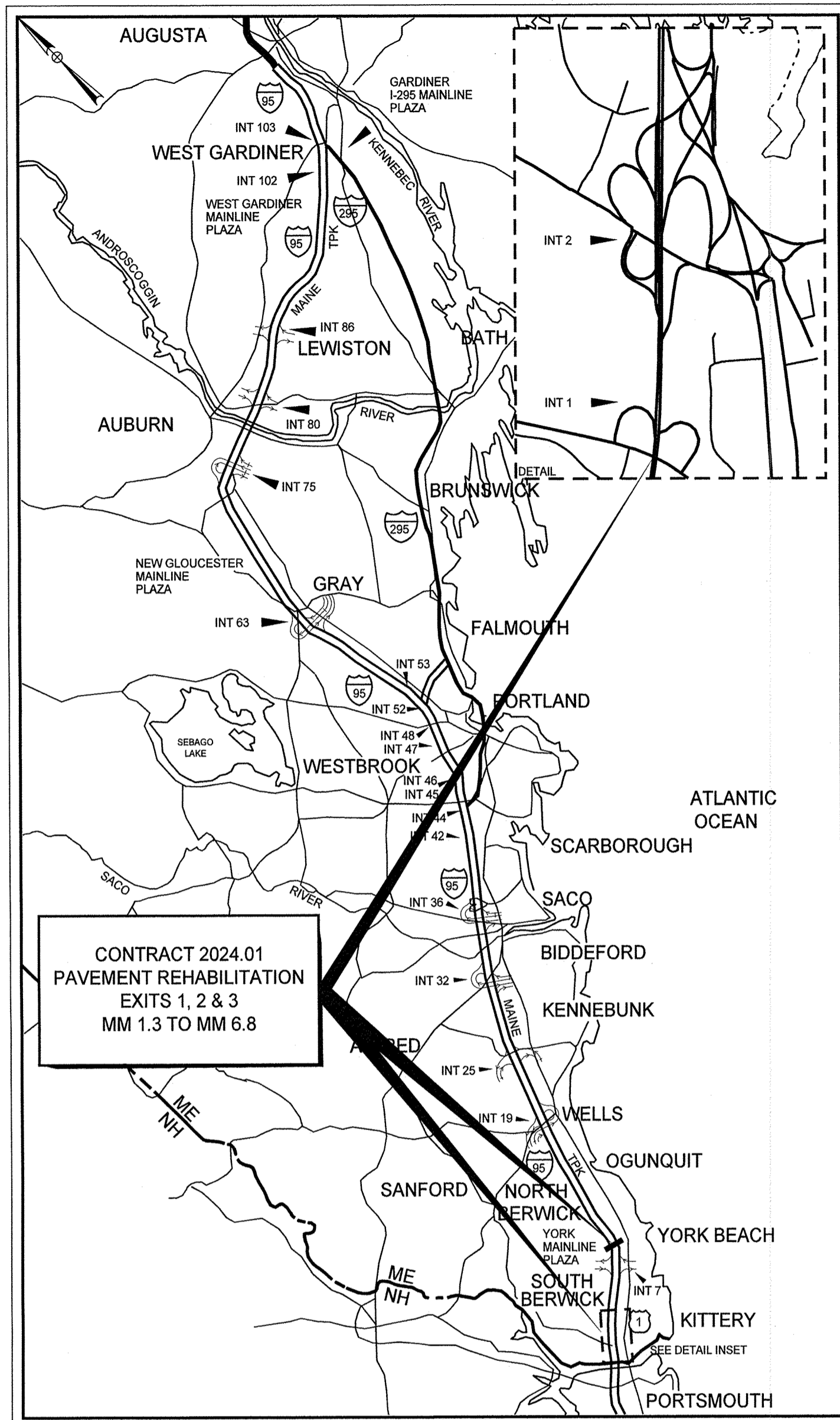
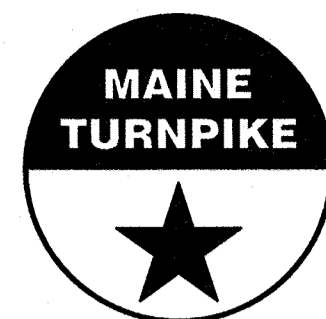


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LOCATION MAP



THE GOLD STAR MEMORIAL HIGHWAY

MAINE TURNPIKE AUTHORITY

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

S. PETER MILLS, EXECUTIVE DIRECTOR

CONTRACT 2024.01 PAVEMENT REHABILITATION

EXITS 1, 2 & 3 MM 1.3 TO MM 6.8

BRIDGE REPAIRS SPRUCE CREEK MM 2.2

BROADCAST SEALANT YORK RIVER BRIDGE MM 5.2

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| 2 | ESTIMATED QUANTITIES |
| 3 | GENERAL NOTES |
| 4-5 | TYPICAL SECTIONS |
| 6 | MAINTENANCE OF TRAFFIC - GENERAL NOTES |
| 7-10 | MAINTENANCE OF TRAFFIC - DETAILS |
| 11 | MAINTENANCE OF TRAFFIC - ADVANCED PROJECT SIGNING |
| 12-19 | MAINTENANCE OF TRAFFIC - RAMP CLOSURE PLANS |
| 20-22 | MAINTENANCE OF TRAFFIC - SIGN SUMMARYS |
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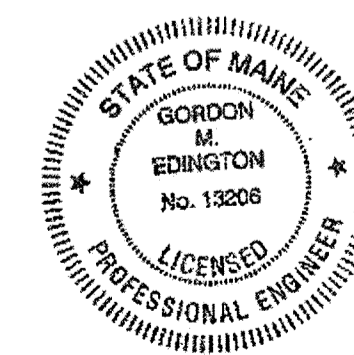
CONTRACT 2024.01

APPROVED:

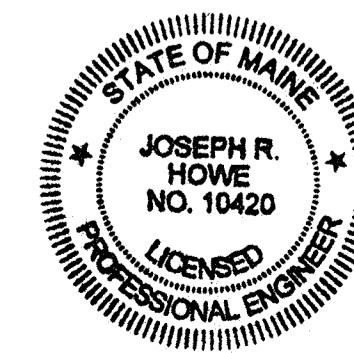
MAINE TURNPIKE AUTHORITY

Peter S. Merfeld
 PETER S. MERFELD, P.E. - CHIEF OPERATIONS OFFICER MTA
 DATE 11/1/23

Stephen R. Tartre
 STEPHEN R. TARTRE, P.E. - CHIEF ENGINEER & DIRECTOR OF ENGINEERING MTA
 DATE 11/1/23



Gordon Edington
 GORDON EDINGTON, P.E.
 VHB
 SHEETS A1 - A34
 DATE 10/31/23



Joseph R. Howe
 JOSEPH HOWE, P.E. - PROJECT MANAGER
 STANTEC
 SHEETS 1 - 40
 DATE 11/1/23



Date: 11/13/2023

| ESTIMATED QUANTITIES | | | | | | | |
|----------------------|--|------|---------|---------------|-----------|----------|---------|
| ITEM NO. | ITEM | UNIT | PAVING | BRIDGE REPAIR | GUARDRAIL | DRAINAGE | TOTAL |
| 202.15 | REMOVING EXISTING MANHOLE OR CATCH BASIN | EA | | | | 1 | 1 |
| 202.202 | REMOVING PAVEMENT SURFACE | SY | 78,900 | | | | 78,900 |
| 202.2021 | REMOVING PAVEMENT SURFACE - BRIDGE DECK | SY | | 600 | | | 600 |
| 202.2025 | REMOVING PAVEMENT SURFACE - MAINLINE | SY | 316,000 | | | | 316,000 |
| 202.2026 | REMOVING PAVEMENT SURFACE - DRAINAGE PATHS | SF | 150 | | | | 150 |
| 202.205 | RUMBLE STRIPS | EA | 96,000 | | | | 96,000 |
| 203.20 | COMMON EXCAVATION | CY | 6 | | | 10 | 16 |
| 211.50 | MEDIAN RESTORATION | LF | 10,400 | | | | 10,400 |
| 403.2081 | HOT MIX ASPHALT, 12.5 mm (POLYMER/LATEX MODIFIED) | TON | 36,700 | 58 | | | 36,758 |
| 403.20811 | HOT MIX ASPHALT, 12.5 mm (POLYMER/LATEX MODIFIED) - RAMPS | TON | 1450 | | | | 1450 |
| 403.211 | HOT MIX ASPHALT, 9.5 mm, SHIMMING | TON | 1100 | | | | 1100 |
| 403.213 | HOT MIX ASPHALT, 12.5 mm (BASE AND INTERMEDIATE BASE COURSE) | TON | 3 | | | | 3 |
| 409.152 | BITUMINOUS TACK COAT NTSS - IHM TRACKLESS - APPLIED | GAL | 24,600 | 24 | | | 24,624 |
| 419.30 | SAWING BITUMINOUS PAVEMENT | LF | 300 | | | | 300 |
| 424.323 | ASPHALT RUBBER FIBER CRACK SEALER | LB | 40,000 | | | | 40,000 |
| 424.324 | ASPHALT RUBBER MASTIC CRACK SEALER - APPLIED | LB | 10,000 | | | | 10,000 |
| 427.09 | PAVEMENT CRACK REPAIR | LF | 1950 | | | | 1950 |
| 459.06 | BITUMINOUS CONCRETE WATERWAY, TYPE I | EA | | | | 4 | 4 |
| 459.061 | BITUMINOUS CONCRETE WATERWAY, TYPE II | EA | | | | 2 | 2 |
| 470.08 | BERM DROPOFF CORRECTION - GRINDINGS | TON | 900 | | | | 900 |
| 470.081 | BERM CORRECTION | LF | 9000 | | | | 9000 |
| 470.082 | BERM CORRECTION - OUTSIDE | LF | 8500 | | | | 8500 |
| 502.702 | REPLACE BRIDGE DRAIN (TYPE A) | LS | | 4 | | | 4 |
| 502.703 | INSTALL OR REPLACE BRIDGE DRAIN (TYPE B) | LS | | 6 | | | 6 |
| 515.201 | PIGMENTED PROTECTIVE COATING FOR CONCRETE SURFACES | SY | | 350 | | | 350 |
| 515.202 | CLEAR PROTECTIVE COATING FOR CONCRETE SURFACES | SY | | 130 | | | 130 |
| 515.203 | BROADCAST SEALANT FOR CONCRETE SURFACES | SY | | 9100 | | | 9100 |
| 518.10 | ABUTMENT REPAIRS | SF | | 110 | | | 110 |
| 518.391 | REPAIRING GRANITE CURB JOINT AND BEDDING MORTAR | LF | | 35 | | | 35 |
| 518.4 | EPOXY INJECTION CRACK REPAIR | LF | | 20 | | | 20 |
| 518.70 | REPAIR OF OVERHEAD SURFACES <8 INCHES | SF | | 40 | | | 40 |
| 518.865 | ELASTOMERIC CONCRETE | CF | | 10 | | | 10 |
| 520.2301 | ASPHALTIC PLUG JOINT (SPRUCE CREEK NB) | LF | | 125 | | | 125 |
| 520.2302 | ASPHALTIC PLUG JOINT (SPRUCE CREEK SB) | LF | | 125 | | | 125 |
| 520.234 | EXPANSION DEVICE - SILICONE COATED AND PRE-COMPRESSED SEAL | LF | | 50 | | | 50 |
| 523.521 | BEARING REMOVAL AND INSTALLATION | EA | | 4 | | | 4 |
| 523.5301 | STEEL BEARINGS, FIXED, SLIDING PLATE | EA | | 2 | | | 2 |
| 523.5302 | STEEL BEARINGS, EXPANSION, SLIDING PLATE | EA | | 2 | | | 2 |
| 524.7212 | JACKING EXISTING SUPERSTRUCTURE (SPRUCE CREEK) | LS | | 1 | | | 1 |
| 526.306 | TEMPORARY CONCRETE BARRIER, TYPE I - SUPPLIED BY THE AUTHORITY | LS | | 1 | | | 1 |
| 527.341 | WORK ZONE CRASH CUSHIONS - TL-3 | UN | | 2 | | | 2 |
| 603.155 | 12 INCH REINFORCED CONCRETE PIPE - CLASS III | LF | | | | 16 | 16 |
| 603.159 | 12 INCH CULVERT PIPE OPTION III | LF | | | | 8 | 8 |
| 603.169 | 15 INCH CULVERT PIPE OPTION III | LF | | | | 16 | 16 |
| 603.175 | 18 INCH REINFORCED CONCRETE PIPE - CLASS III | LF | | | | 16 | 16 |
| 603.28 | CONCRETE COLLAR | EA | | | | 3 | 3 |
| 604.182 | CLEANING EXISTING CATCH BASIN AND MANHOLE | EA | | | | 60 | 60 |
| 604.184 | REBUILD CATCH BASIN TO GRADE - TYPE II | EA | | | | 21 | 21 |
| 604.246 | CATCH BASIN TYPE F5 | EA | | | | 1 | 1 |
| 606.13 | 3"W-BEAM GUARDRAIL - MID-WAY SPLICE (7' STEEL POSTS, 8' OFFSET BLOCKS, SINGLE FACED) | LF | | | 850 | | 850 |
| 606.1307 | 3"W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL | EA | | | 4 | | 4 |
| 606.132 | 3"W-BEAM GUARDRAIL - MID-WAY SPLICE (7' STEEL POSTS, 8' OFFSET BLOCKS, DOUBLE FACED) | LF | | | 990 | | 990 |
| 606.1351 | 3"W-BEAM GUARDRAIL - MID-WAY SPLICE TERMINAL END - ANCHORED END | EA | | | 32 | | 32 |
| 606.1723 | BRIDGE TRANSITION TYPE III | EA | | 1 | | | 1 |
| 606.178 | GUARDRAIL BEAM | LF | | | 100 | | 100 |
| 606.352 | REFLECTORIZED BEAM GUARDRAIL DELINEATOR | EA | | | 640 | | 640 |


| ESTIMATED QUANTITIES | | | | | | | |
|----------------------|---|------|---------|---------------|-----------|----------|---------|
| ITEM NO. | ITEM | UNIT | PAVING | BRIDGE REPAIR | GUARDRAIL | DRAINAGE | TOTAL |
| 606.356 | UNDERDRAIN DELINEATOR POST | EA | | | 40 | 7 | 47 |
| 606.3621 | GUARDRAIL ADJUST, SINGLE RAIL | LF | | | 15,700 | | 15,700 |
| 606.3622 | GUARDRAIL ADJUST, DOUBLE RAIL | LF | | | 11,400 | | 11,400 |
| 606.471 | SINGLE OFFSET BLOCK - W BEAM | EA | | | 40 | | 40 |
| 606.48 | SINGLE GALVANIZED STEEL POST | EA | | | 10 | | 10 |
| 606.701 | ASYMMETRIC THRIE BEAM TRANSITION | EA | | | 5 | | 5 |
| 609.40 | RESET CURB TYPE 5 | LF | 70 | | | | 70 |
| 610.08 | PLAIN RIPRAP | CY | | | | 25 | 25 |
| 613.319 | EROSION CONTROL BLANKET | SY | 12,100 | | | | 12,100 |
| 618.14 | SEEDING METHOD NUMBER 2 | UNIT | 210 | | | | 210 |
| 619.1201 | MULCH - PLAN QUANTITY | UNIT | 210 | | | | 210 |
| 619.1202 | TEMPORARY MULCH | LS | 1 | | | | 1 |
| 620.58 | EROSION CONTROL GEOTEXTILE | SY | | | | 71 | 71 |
| 627.73 | TEMPORARY 6 INCH PAVEMENT MARKING TAPE | LF | 31,100 | | | | 31,100 |
| 627.731 | TEMPORARY 6 INCH BLACK PAVEMENT MARKING TAPE | LF | 1150 | | | | 1150 |
| 627.78 | TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW | LF | 275,000 | | | | 275,000 |
| 627.812 | TEMPORARY RAISED PAVEMENT MARKERS | EA | 13,900 | | | | 13,900 |
| 627.94 | PAVEMENT MARKING TAPE | LF | 3700 | | | | 3700 |
| 627.941 | PAVEMENT MARKING TAPE - DOTTED WHITE LANE LINE, 6-INCH WIDTH | LF | 1600 | | | | 1600 |
| 629.05 | HAND LABOR, STRAIGHT TIME | HR | 40 | | | | 40 |
| 631.10 | AIR COMPRESSOR (INCLUDING OPERATOR) | HR | | 40 | | | 40 |
| 631.11 | AIR TOOL (INCLUDING OPERATOR) | HR | | 40 | | | 40 |
| 631.12 | ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR) | HR | 40 | | | | 40 |
| 631.133 | SKID STEER (INCLUDING OPERATOR) | HR | 20 | | | | 20 |
| 631.171 | TRUCK - SMALL (INCLUDING OPERATOR) | HR | 40 | | | | 40 |
| 631.172 | TRUCK - LARGE (INCLUDING OPERATOR) | HR | 20 | | | | 20 |
| 631.22 | FRONT END LOADER (INCLUDING OPERATOR) | HR | 20 | | | | 20 |
| 631.32 | CULVERT CLEANER (INCLUDING OPERATOR) | HR | 40 | | | | 40 |
| 631.36 | FOREMAN | HR | 40 | | | | 40 |
| 645.1099 | REMOVE AND DISPOSE SIGN | EA | 12 | | | | 12 |
| 652.30 | FLASHING ARROW | EA | 7 | | | | 7 |
| 652.312 | TYPE III BARRICADES | EA | 16 | | | | 16 |
| 652.33 | DRUM | EA | 480 | | | | 480 |
| 652.34 | CONE | EA | 425 | | | | 425 |
| 652.35 | CONSTRUCTION SIGNS | SF | 5400 | | | | 5400 |
| 652.361 | MAINTENANCE OF TRAFFIC CONTROL DEVICES | LS | 0.84 | 0.10 | 0.05 | 0.01 | 1 |
| 652.38 | FLAGGERS | HR | 80 | | | | 80 |
| 652.41 | PORTABLE-CHANGEABLE MESSAGE SIGN | EA | 9 | | | | 9 |
| 652.4502 | TRUCK MOUNTED ATTENUATOR | EA | 3 | | | | 3 |
| 652.4503 | TRUCK MOUNTED ATTENUATOR | WEEK | 26 | | | | 26 |
| 652.47 | SEQUENTIAL FLASHING WARNING LIGHTS | EA | 270 | | | | 270 |
| 656.50 | BALED HAY, IN-PLACE | EA | 50 | | | | 50 |
| 656.60 | TEMPORARY BERMS | LF | 300 | | | | 300 |
| 656.62 | TEMPORARY SLOPE DRAINS | LF | 30 | | | | 30 |
| 656.632 | 30' TEMPORARY SILT FENCE | LF | 100 | | 100 | | 200 |
| 656.751 | TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL - SPRUCE CREEK | LS | | 1 | | | 1 |
| 659.10 | MOBILIZATION | LS | 0.84 | 0.10 | 0.05 | 0.01 | 1 |

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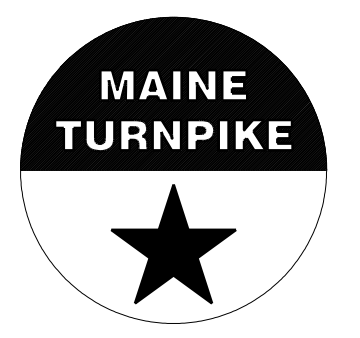
Designed by:



CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
|----------|-----|-------|--------------|-----|-------|
| Designed | JRH | 10\23 | Checked | JRH | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | JRH | 10\23 |

STANTEC CONSULTING SERVICES INC.
2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
TEL (207) 887-3448
FAX (207) 883-3376



THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8

ESTIMATED QUANTITIES

SHEET NUMBER: EQ-01

CONTRACT: 2024.01

2 OF 40

GENERAL NOTES:

1. ALL WORK SHALL CONFORM TO THE 2014 MAINE DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR HIGHWAY AND BRIDGES, EXCEPT AS MODIFIED BY THE MAINE TURNPIKE AUTHORITY'S SUPPLEMENTAL SPECIFICATIONS AND SPECIAL PROVISIONS.
2. ALL DETAILS SHALL BE IN CONFORMANCE WITH MAINE DEPARTMENT OF TRANSPORTATION (MAINEDOT) STANDARD DETAILS HIGHWAYS AND BRIDGES, LATEST REVISION AND MAINEDOT BEST MANAGEMENT PRACTICES FOR EROSION AND SEDIMENT CONTROL LATEST REVISION UNLESS OTHERWISE INCLUDED IN THESE PLANS OR PROJECT SPECIFICATIONS.
3. ALL EXISTING ROADWAYS USED IN ACCESSING THE SITE SHALL REMAIN CLEAN IN ACCORDANCE WITH THE 2014 MAINEDOT STANDARD SPECIFICATIONS.
4. THE CONTRACTOR SHALL SUBMIT THE PROPOSED STAGING AREA(S) TO THE RESIDENT FOR APPROVAL PRIOR TO STARTING WORK.
5. BASELINES SHOWN ARE APPROXIMATE AND ARE FOR REFERENCE ONLY.
6. PAVE TO WITHIN 1 INCH OF FACE OF GUARDRAIL.
7. THE MAINE TURNPIKE AUTHORITY WILL FINAL STRIPE THE PROJECT.
8. THE CONTRACTOR IS RESPONSIBLE FOR LAYOUT OF THE FINAL PAVEMENT MARKINGS.
9. THE CONTRACTOR SHALL VERIFY EXISTING CROSS SLOPES OF EACH LANE AND SHOULDER AT LEAST EVERY 1/2 MILE AND PROVIDE CROSS SLOPE DATA TO THE RESIDENT AT LEAST 14 DAYS PRIOR TO BEGINNING MILLING OF EACH ROADWAY.

EARTHWORK NOTES:

1. EXCAVATIONS ACCOMPLISHED AS PART OF THIS PROJECT SHALL BE CONSTRUCTED IN ACCORDANCE WITH OSHA SUBPART P OF 29 CFR PART 1926.650-652 (CONSTRUCTION STANDARDS FOR EXCAVATION).
2. WASTE MATERIALS SHALL BE DISPOSED OF OFF THE PROJECT SITE, IN ACCORDANCE WITH CHAPTER 404, DEPARTMENT OF ENVIRONMENTAL PROTECTION SOLID WASTE MANAGEMENT RULES.

DRAINAGE NOTES:

1. NO EXISTING DRAINAGE SHALL BE ABANDONED, REMOVED OR PLUGGED WITHOUT APPROVAL OF THE RESIDENT.
2. EXISTING CATCH BASINS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT. PAYMENT WILL BE MADE UNDER ITEM 604.182 CLEANING EXISTING CATCH BASIN AND MANHOLE. EXISTING CULVERTS TO REMAIN SHALL BE CLEANED AS DIRECTED BY THE RESIDENT UNDER ITEM 631.32 CULVERT CLEANER (INCLUDING OPERATORS).
3. ONE GREEN DELINEATOR POST SHALL BE INSTALLED AT ALL UNDERDRAIN AND STORM DRAIN OUTLETS.
4. REMOVAL OF EXISTING DRAINAGE PIPES, AS NOTED ON THE PLANS, SHALL BE CONSIDERED INCIDENTAL TO ITEM 203.20 COMMON EXCAVATION.
5. ANY NECESSARY CUTTING OF EXISTING CATCH BASINS TO TAKE A PROPOSED PIPE WILL NOT BE PAID FOR SEPARATELY AND SHALL BE CONSIDERED INCIDENTAL TO THE PROPOSED CULVERT ITEMS.

UTILITY NOTES:

1. 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.
2. 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.
3. 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.
4. 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.


EROSION CONTROL NOTES:

1. NEWLY DISTURBED EARTH SHALL BE MULCHED PRIOR TO A RAIN EVENT. THIS WORK SHALL BE PAID FOR UNDER ITEM 619.1202 TEMPORARY MULCH.
2. ALL TEMPORARY AND PERMANENT EROSION CONTROL DEVICES SHALL BE INSTALLED IN ACCORDANCE WITH THE MAINE DEPARTMENT OF TRANSPORTATION BEST MANAGEMENT PRACTICES.
3. EROSION CONTROL BLANKET, ITEM 613.319, SHALL BE INSTALLED IN ALL DITCHES AND SLOPES GREATER THAN 3:1 FROM TOP TO TOE OF SLOPE. LOAM AND SEED SHALL BE PLACED PRIOR TO THE INSTALLATION OF THE EROSION CONTROL BLANKET.
4. TEMPORARY STABILIZATION WITH MULCH OR OTHER NON-ERODABLE COVER IS REQUIRED ON ALL EXPOSED SOILS THAT WILL NOT BE WORKED FOR MORE THAN 7 DAYS. AREAS WITHIN 75 FEET OF A WETLAND OR WATERBODY SHALL BE STABILIZED WITHIN 48 HOURS OF THE INITIAL DISTURBANCE OF THE SOIL OR PRIOR TO ANY STORM EVENT, WHICHEVER COMES FIRST. THE CONTRACTOR IS RESPONSIBLE FOR APPLYING TEMPORARY MULCH AS NECESSARY, IN ACCORDANCE WITH THE LATEST EDITION OF THE BMP'S, TO MINIMIZE SOIL EROSION PRIOR TO THE APPLICATION OF THE FINAL SLOPE TREATMENT.
5. STABILIZED CONSTRUCTION ENTRANCES MUST BE USED AND MAINTAINED. NO TRACKING OF SOIL ON THE MAINE TURNPIKE OR LOCAL ROADS WILL BE ALLOWED.
6. A DOUBLE ROW OF SILT FENCE PROTECTION SHALL BE INSTALLED AT ALL STREAM LOCATIONS AND OPEN WATER WETLANDS.
7. UNLESS OTHERWISE NOTED; SEEDING METHOD NO. 2 SHALL BE UTILIZED ON ALL AREAS.
8. 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.

Date: 11/13/2023

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| Designed by: | | | | | |
|  | | | | | |
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
| | By | Date | | By | Date |
| Designed | JRH | 10\23 | Checked | JRH | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | JRH | 10\23 |

STANTEC CONSULTING SERVICES INC.
2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
TEL (207) 887-3448
FAX (207) 883-3376



**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

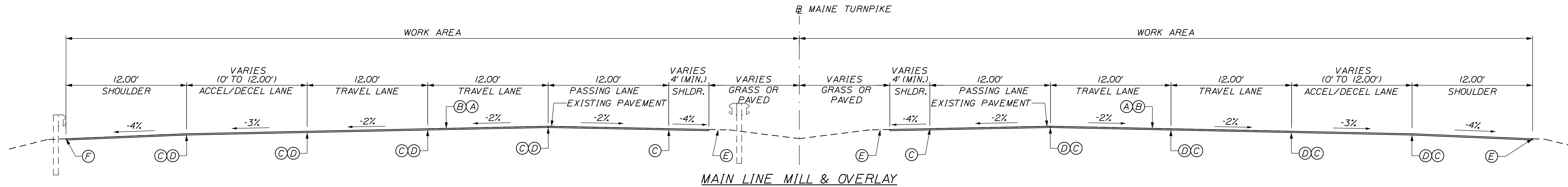
PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8

GENERAL NOTES

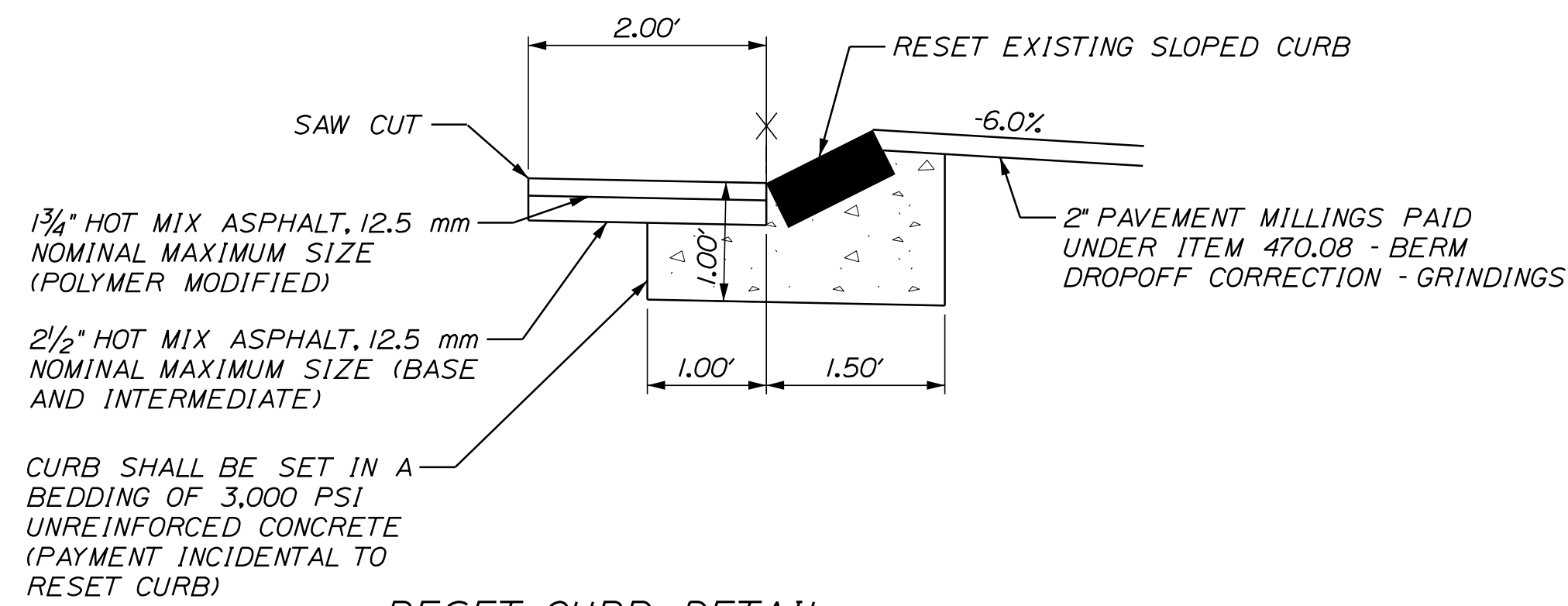
CONTRACT: 2024.01 SHEET NUMBER: GN-01
3 OF 40

Date: 11/13/2023

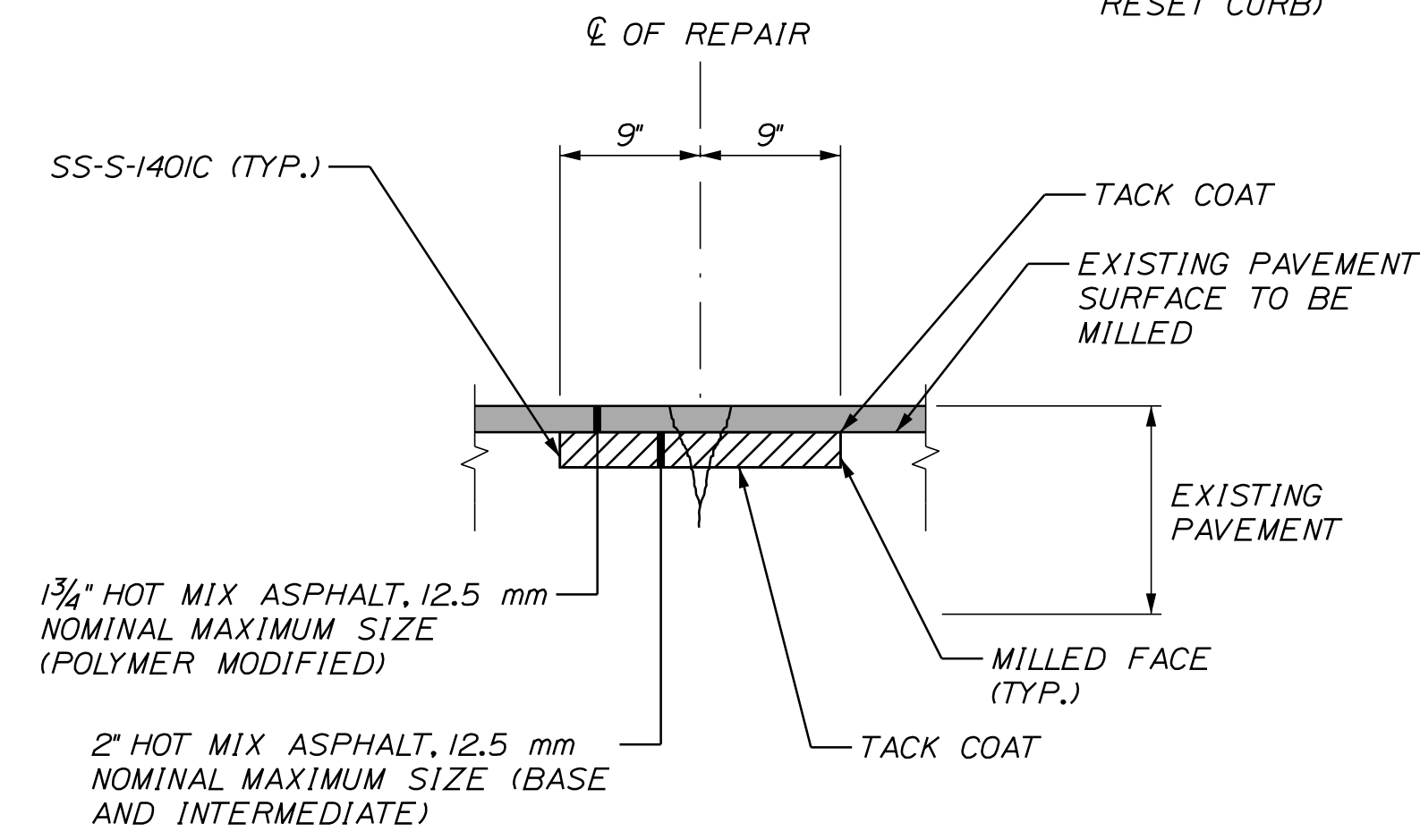
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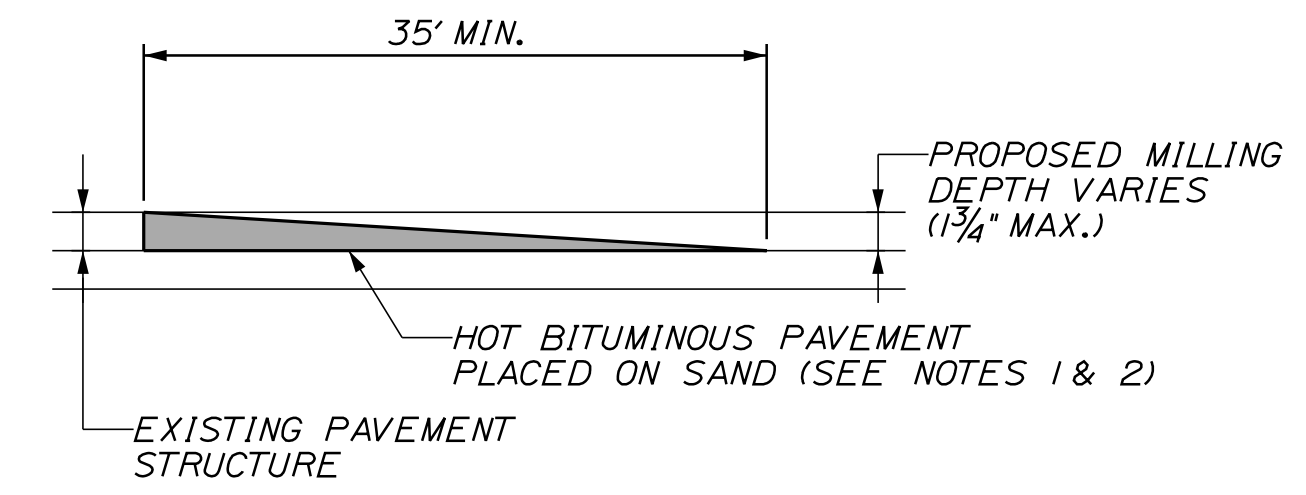
MAIN LINE MILL & OVERLAY



RESET CURB DETAIL



CRACK REPAIR DETAIL



TEMPORARY BITUMINOUS RAMP

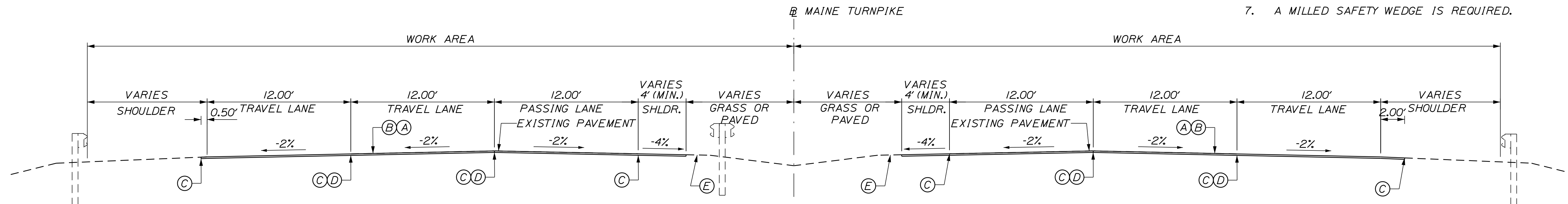
- NOTES:**
- HOT MIX ASPHALT FOR TEMPORARY RAMPS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCIDENTAL TO THE APPROPRIATE 403 ITEM.
 - REMOVAL OF TEMP. BITUMINOUS RAMPS WILL NOT BE MEASURED FOR PAYMENT, BUT SHALL BE INCIDENTAL TO THE APPROPRIATE 403 ITEM.

PAVEMENT LEGEND:

- (A) = 1 3/4" HOT MIX ASPHALT 12.5 mm NOMINAL MAXIMUM SIZE (POLYMER MODIFIED)
- (B) = MILLING DEPTH VARIES TO ACHIEVE A 1 3/4" DEPTH AT THE EDGES OF LANE BEING MILLED.
- (C) = MILLING DEPTH VARIES AS CONTROLLED BY CROSS SLOPE AND RUT DEPTHS
- (D) = NOTCHED WEDGE JOINT
- (E) = BERM DROPOFF CORRECTION - GRINDINGS (SEE DETAIL A, SHEET DT-03).
- (F) = BERM DROPOFF CORRECTION - GRINDINGS SEE DETAIL B, SHEET DT-03).

NOTES:

- COATING OF HOT RUBBERIZED ASPHALT (SS-S140IC) SHALL BE APPLIED AT THE TOP SURFACE LIFT TO ALL TRANSVERSE BUTT JOINTS AND LONGITUDINAL JOINTS EXCEPT WHERE THE NOTCHED WEDGE IS USED.
- BITUMINOUS TACK COAT IS REQUIRED BETWEEN EXISTING PAVEMENT AND PROPOSED HMA AND BETWEEN ANY LIFTS OF PROPOSED PAVEMENT OR SHIM.
- THE CONTRACTOR SHALL STRING EACH BRIDGE AND TOLL SLAB APPROACH /DEPARTURE LANE IN ADVANCE OF MILLING AND PAVING OPERATIONS. THIS WORK SHALL BE COMPLETED BY THE CONTRACTOR'S PERSONNEL EXPERIENCED IN STRINGING BRIDGE APPROACH LANES. THE CONTRACTOR SHALL PROVIDE ADVANCE NOTICE TO THE AUTHORITY'S RESIDENT SO THAT THEY CAN BE PRESENT.
- CROSS SLOPE TRANSITIONS TO MATCH EXISTING CROSS SLOPES SHALL BE AS DIRECTED BY THE RESIDENT.
- 14' WIDE RAMP LANES SHALL BE PAVED IN A SINGLE PASS SUCH THAT LONGITUDINAL JOINTS ARE AT THE EDGES OF THE LANE.
- THE NOTCHED WEDGE SHALL BE DOUBLE TACKED.
- A MILLED SAFETY WEDGE IS REQUIRED.



YORK RIVER APPROACH MILL & OVERLAY

STA. 1143+58 TO STA. 1168+76, SOUTHBOUND
STA. 1143+56 TO STA. 1164+72, NORTHBOUND

Scale: NOT TO SCALE

| No. | Revision | By | Date |
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Designed by:

Stantec

CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
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| Designed | JRH | 10\23 | Checked | JRH | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | JRH | 10\23 |

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MAINE TURNPIKE

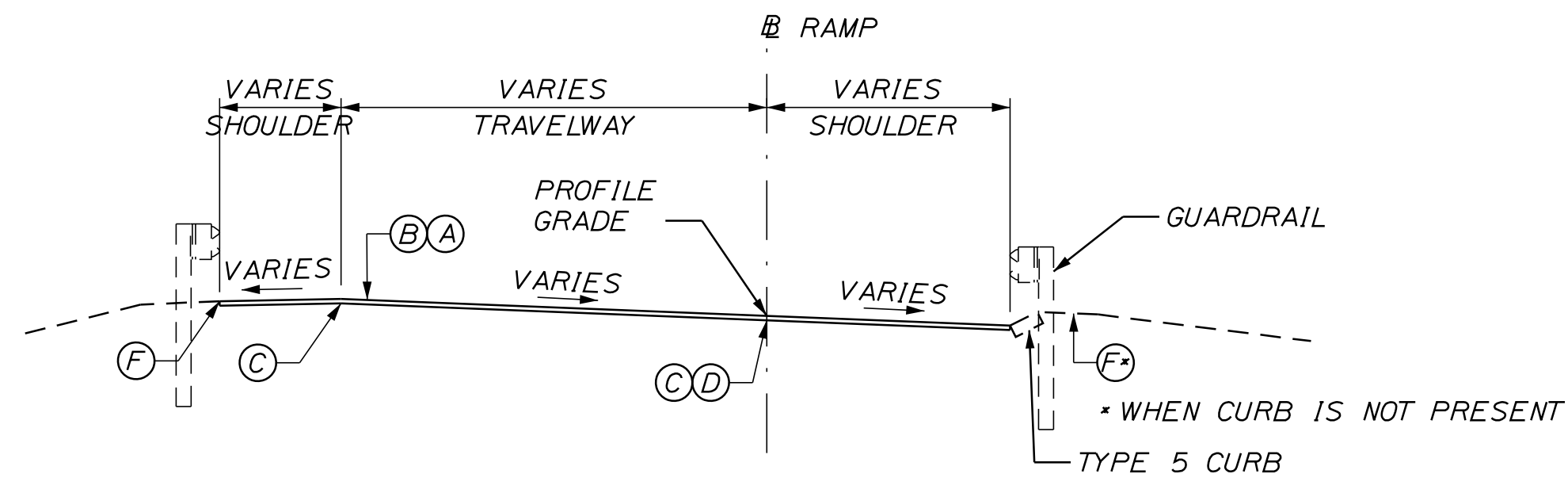
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

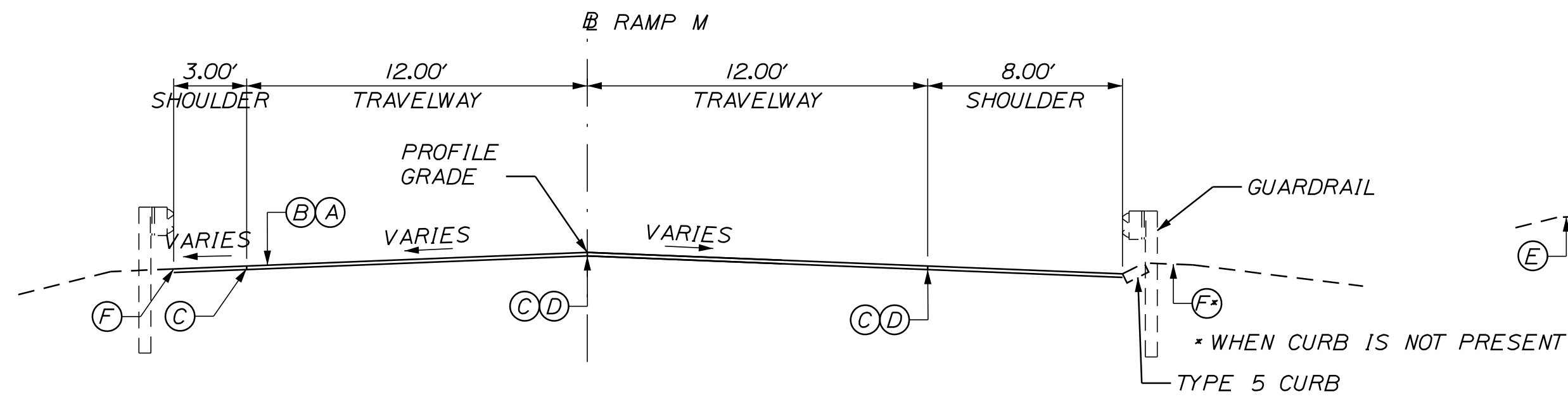
PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
TYPICAL SECTIONS 1
MILL AND OVERLAY

SHEET NUMBER: TS-01
CONTRACT: 2024.01
4 OF 40

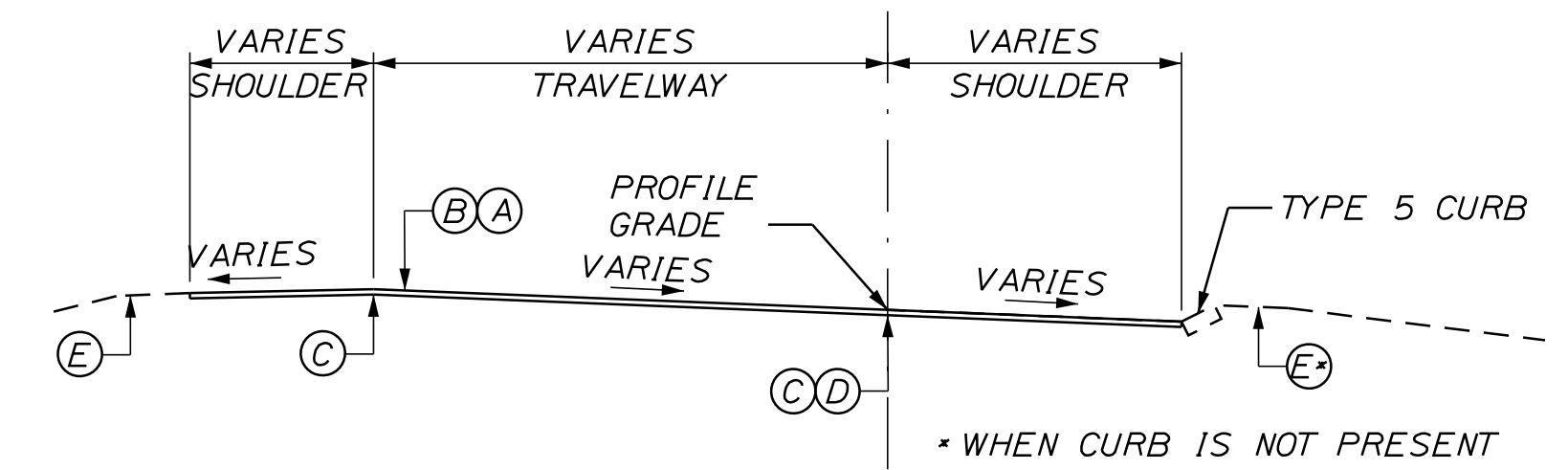
Date: 11/13/2023



RAMP MILL AND OVERLAY WITH GUARDRAIL



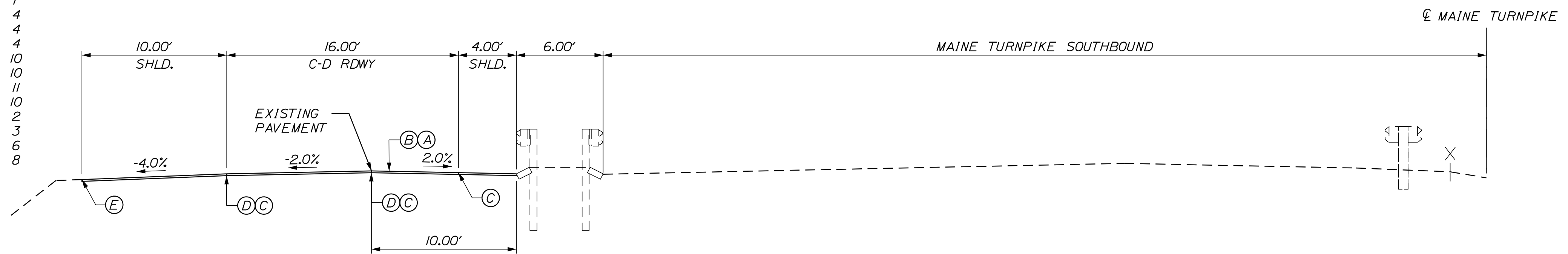
RAMP M MILL AND OVERLAY WITH GUARDRAIL



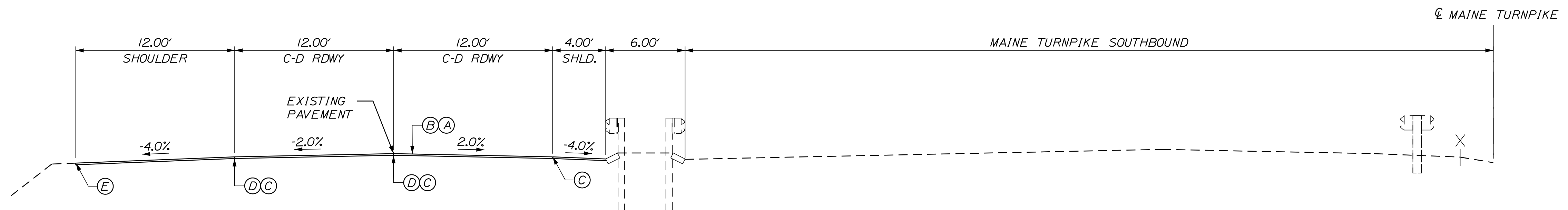
RAMP MILL AND OVERLAY WITHOUT GUARDRAIL

RAMP WIDTHS

| LOCATION | LEFT SHOULDER | TRAVELWAY | RIGHT SHOULDER |
|------------------------|---------------|-----------|----------------|
| EXIT 1 SB ON - RAMP A | 4 | 17 | 2 |
| EXIT 1 NB OFF - RAMP B | 4 | 17 | 2 |
| EXIT 2 SB ON - RAMP C | 3 | 18 | 7 |
| EXIT 2 SB OFF - RAMP D | 4 | 16 | 4 |
| EXIT 2 NB OFF - RAMP E | 3 | 18 | 4 |
| EXIT 2 SB ON - RAMP G | 4 | 16 | 4 |
| EXIT 2 SB ON - RAMP G | 4 | VARIES | 10 |
| EXIT 2 SB ON - RAMP H | 4 | 14 | 10 |
| EXIT 3 NB OFF - RAMP J | 3 | 14 | 11 |
| EXIT 3 NB OFF - RAMP J | 3 | 20 | 10 |
| EXIT 3 NB OFF - RAMP K | 2 | 20 | 2 |
| EXIT 3 NB ON - RAMP L | 3 | 16 | 3 |
| EXIT 3 NB ON - RAMP M | 3 | 22 | 6 |
| EXIT 3 NB ON - RAMP M | 3 | 12-12 | 8 |



MAINE TURNPIKE
SB COLLECTOR - DISTRIBUTOR ROADWAY SINGLE LANE



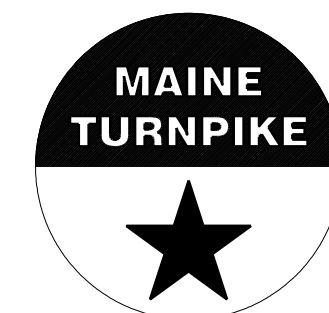
MAINE TURNPIKE
SB COLLECTOR - DISTRIBUTOR ROADWAY DOUBLE LANE

Scale: NOT TO SCALE

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PORTLAND, ME 04102
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THE GOLD STAR
MEMORIAL HIGHWAY

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
TYPICAL SECTIONS 2

| No. | Revision | By | Date |
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| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
|---|-----|-------|--------------|-----|-------|
| | By | Date | | By | Date |
| Designed | JRH | 10\23 | Checked | JRH | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | JRH | 10\23 |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

CONTRACT: 2024.01

SHEET NUMBER: TS-02

5 OF 40

Filename: ...00\HIGHWAY\MSTA\...Typ.dgn

GENERAL MAINTENANCE OF TRAFFIC NOTES:

1. 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. NOTE THERE IS A 2009 EDITION OF MUTCD.
2. 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.
3. TEMPORARY PAVEMENT MARKINGS ON MILLED SURFACES, SHIM, AND BASE PAVEMENT SHALL BE PAINTED. PAYMENT FOR MARKINGS SHALL BE PAID UNDER ITEM 627.78 - TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW.
4. TEMPORARY PAVEMENT MARKINGS ON SURFACE SHALL BE TEMPORARY 6 INCH PAVEMENT MARKING TAPE (ITEM 627.73) OR TEMPORARY RAISED PAVEMENT MARKERS (ITEM 627.812) AS SHOWN ON STRIPING DETAILS.
5. 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.
6. ALL TEMPORARY BARRIER SHALL BE SET WITH A MINIMUM 8:1 TAPER. THE 8:1 TAPER BARRIER LENGTH IS DEPENDENT ON THE LOCATION OF THE BARRIER RELATIVE TO THE MAINE TURNPIKE SHOULDERS OR LANES.
7. REMOVAL OF TEMPORARY PAVEMENT MARKINGS ON FINAL PAVEMENT SURFACE SHALL BE DONE IN SUCH A MANNER TO REMOVE AS LITTLE PAVEMENT AS POSSIBLE.
8. TRUCK MOUNTED ATTENUATOR SHALL NOT BE LOCATED WITHIN THE BUFFER ZONE.
9. SIGN SPACING AS NOTED IN THE DETAILS MAY BE ADJUSTED FOR SITE CONDITIONS AND TO ALLOW FOR USING SINGLE SIGN LOCATIONS FOR DIFFERENT DETAILS AS APPROPRIATE.
10. ADDITIONAL MOT DETAILS SPECIFIC TO EXITS 1, 2, & 3 ARE PROVIDED IN APPENDIX A OF THE SPECIAL PROVISIONS.
11. MAINTENANCE OF TRAFFIC PLANS FOR SPRUCE CREEK BRIDGE WORK ARE SHOWN IN THE SPRUCE CREEK PLANS. SIGNS FOR SPRUCE CREEK ARE INCLUDED IN THE SIGN SUMMARY SHEETS.
12. CONES MAY BE USED ON TANGENTS THROUGH WORK ZONES. DRUMS SHALL BE USED ON ALL TAPERS AND TANGENTS BETWEEN ADJACENT LANE CLOSURES IN DOUBLE LANE CLOSURE APPLICATIONS.

MOT SIGN NOTES:

1. THESE PLANS SHOW THE GENERAL LAYOUT OF CONSTRUCTION ZONE SIGNING; ALL LOCATIONS REQUIRING SIGNS MAY NOT BE SHOWN. ADDITIONAL MOT NOT SHOWN ON THE PLANS AND LAYOUT OF SIGNS MUST BE SUBMITTED TO AND APPROVED BY THE RESIDENT.
2. ALL PROPOSED CONSTRUCTION SIGNS ON MAINLINE WILL BE PLACED ON BOTH SIDES OF THE ROAD UNLESS OTHERWISE SHOWN ON THE PLANS.
3. NO SIGNS ON EASELS SHALL BE PLACED ON 4 FT. SHOULDERS WITH GUARDRAIL. SIGNS REQUIRED AT THESE LOCATIONS SHALL BE PLACED ON TALLER EASELS ON THE MEDIAN SIDE OF THE GUARDRAIL.
4. ALL TEMPORARY LANE CLOSURE SIGNS ARE TO BE MOUNTED ON EASELS.
5. ERECT CS-3 AND W3-4 SIGNS IMMEDIATELY PRIOR TO SCHEDULED STOPPAGES FOR EQUIPMENT MOVES AND REMOVE THE CS-3 AND W3-4 SIGNS IMMEDIATELY AFTER THE SCHEDULED STOPPAGES ARE COMPLETE.
6. ALL MOT SIGN LOCATIONS ARE APPROXIMATE AND SHALL BE CONFIRMED BY THE RESIDENT.
7. EXISTING SIGNS THAT CONFLICT WITH CONSTRUCTION WORK ZONE SIGNS SHALL BE COVERED.
8. SPEED LIMIT, STOP, EXIT AND YIELD SIGNS SHALL BE A MINIMUM OF 5' ABOVE THE PAVEMENT TO THE BOTTOM OF SIGN.
9. PROJECT APPROACH SIGNING THAT EXTENDS ONTO THE PISCATAQUA RIVER BRIDGE SHALL NOT HAVE ANY SIGNS PLACED IN THE MEDIAN OF THE BRIDGE.

TEMPORARY RUMBLE STRIP NOTES:

1. IF TEMPORARY 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)
2. W8-1 SIGNS SHALL BE PLACED ADJACENT TO THE FIRST RUMBLE STRIP AT ANY LOCATION. ONLY ONE SET OF W8-24a SIGNS ARE REQUIRED FOR ANY OF THE ABOVE CONFIGURATIONS.
3. RUMBLE STRIPS MAY BE PLACED UPSTREAM OF THE TAPER BETWEEN THE W3-5 SIGNS AND THE W4-2 SIGNS. IF RUMBLE STRIPS ARE INSTALLED PRIOR TO TAPER, W8-1 SIGNS SHALL BE PLACED ADJACENT TO THE FIRST STRIP AND THE W8-24a SIGNS SHALL BE MOVED TO 400' AFTER THE W20-5 SIGNS.

RAMP CLOSURE NOTES:


1. THE CONTRACTOR SHALL NOTIFY THE RESIDENT 14 DAYS PRIOR TO RAMP CLOSURES SO THAT THE RESIDENT CAN COORDINATE THE CLOSURE WITH MTA.
2. ALL PCMS MESSAGES SHALL BE CONFIRMED BY THE RESIDENT.
3. MULTIPLE RAMP CLOSURES MAY UTILIZE PCMS IN THE SAME LOCATION. THE CONTRACTOR SHOULD REVIEW RAMP CLOSURE PLANS TO COORDINATE PCMS LOCATIONS.
4. OFF RAMP CLOSURES ALSO REQUIRE THE USE OF THE OFF RAMP CLOSURE DETAIL.

ABBREVIATIONS FOR ALL M.O.T. PLANS:

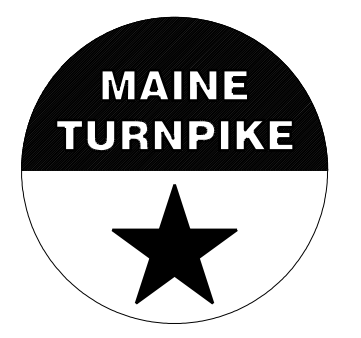
BWLL = BROKEN WHITE LANE LINE
 SWEL = SOLID WHITE EDGE LINE
 SYEL = SOLID YELLOW EDGE LINE
 TBWLL = TEMPORARY BROKEN WHITE LANE LINE
 TDWEL = TEMPORARY DOTTED WHITE EDGE LINE
 TSWEL = TEMPORARY SOLID WHITE EDGE LINE
 TSWLL = TEMPORARY SOLID WHITE LANE LINE
 TSYCL = TEMPORARY SOLID YELLOW CENTER LINE
 TSYEL = TEMPORARY SOLID YELLOW EDGE LINE

Filename: ...MSTA_GeneralNotes_MOT.dgn

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| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
| | By | Date | | By | Date |
| Designed | JRH | 10\23 | Checked | JRH | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | JRH | 10\23 |

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**THE GOLD STAR
MEMORIAL HIGHWAY**

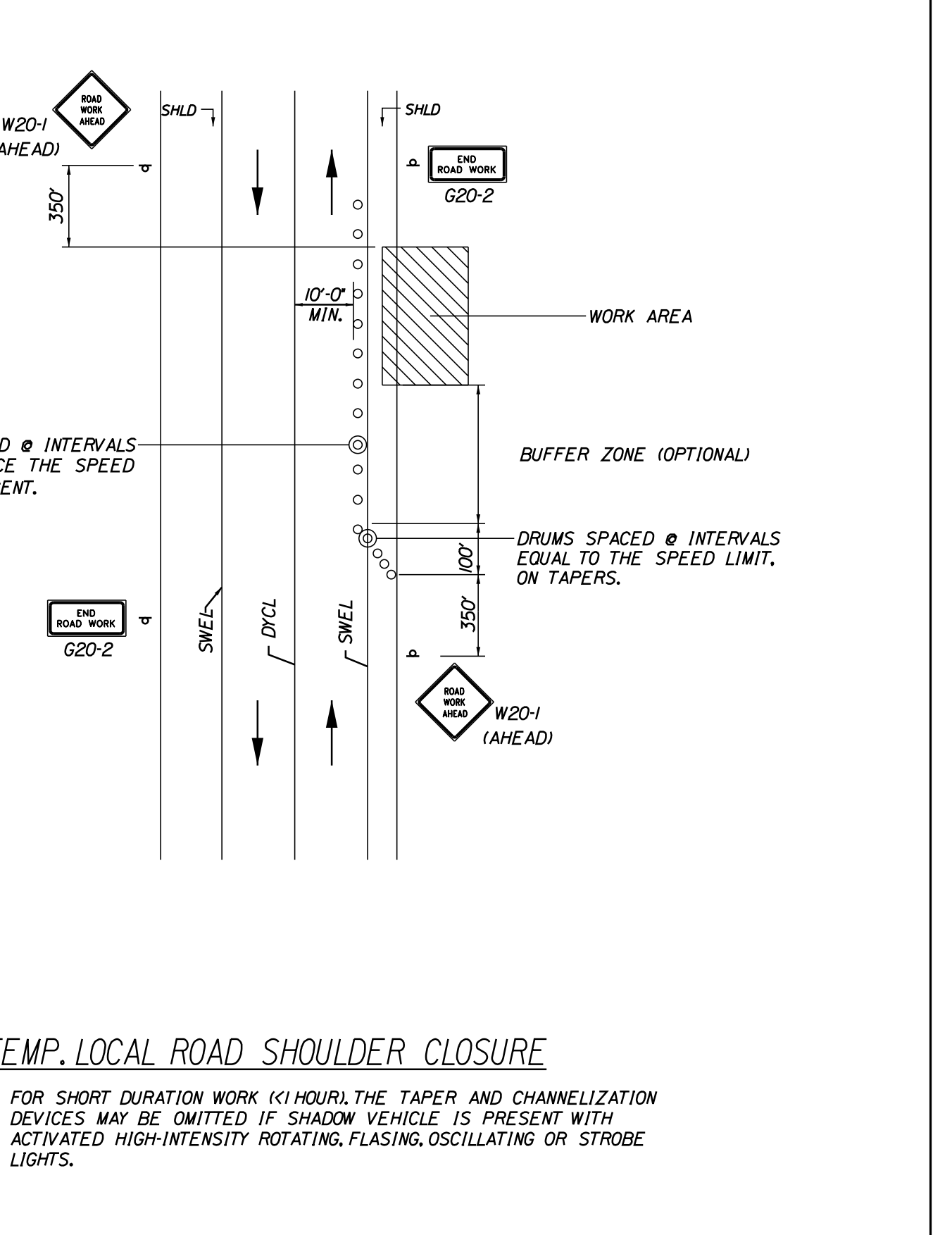
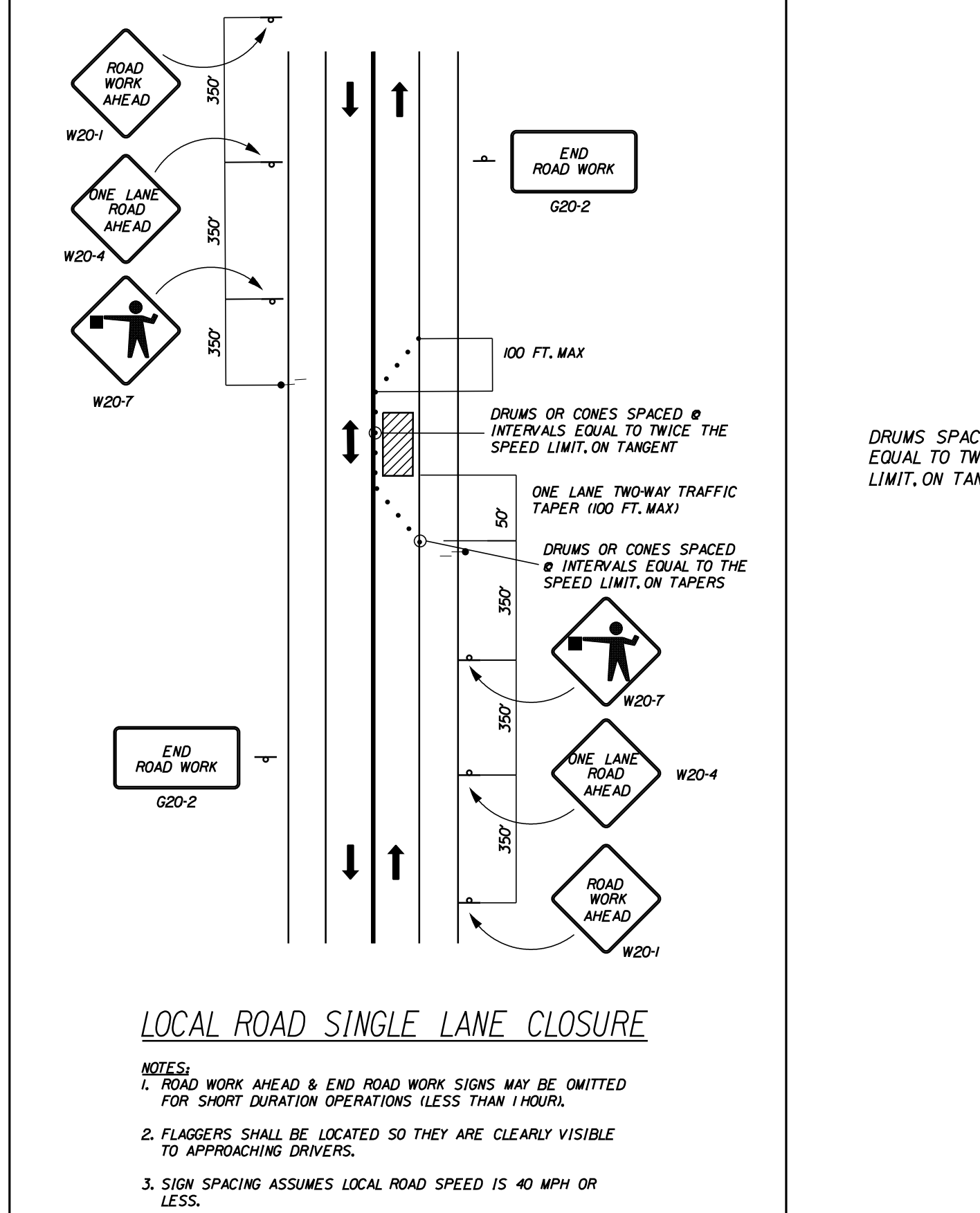
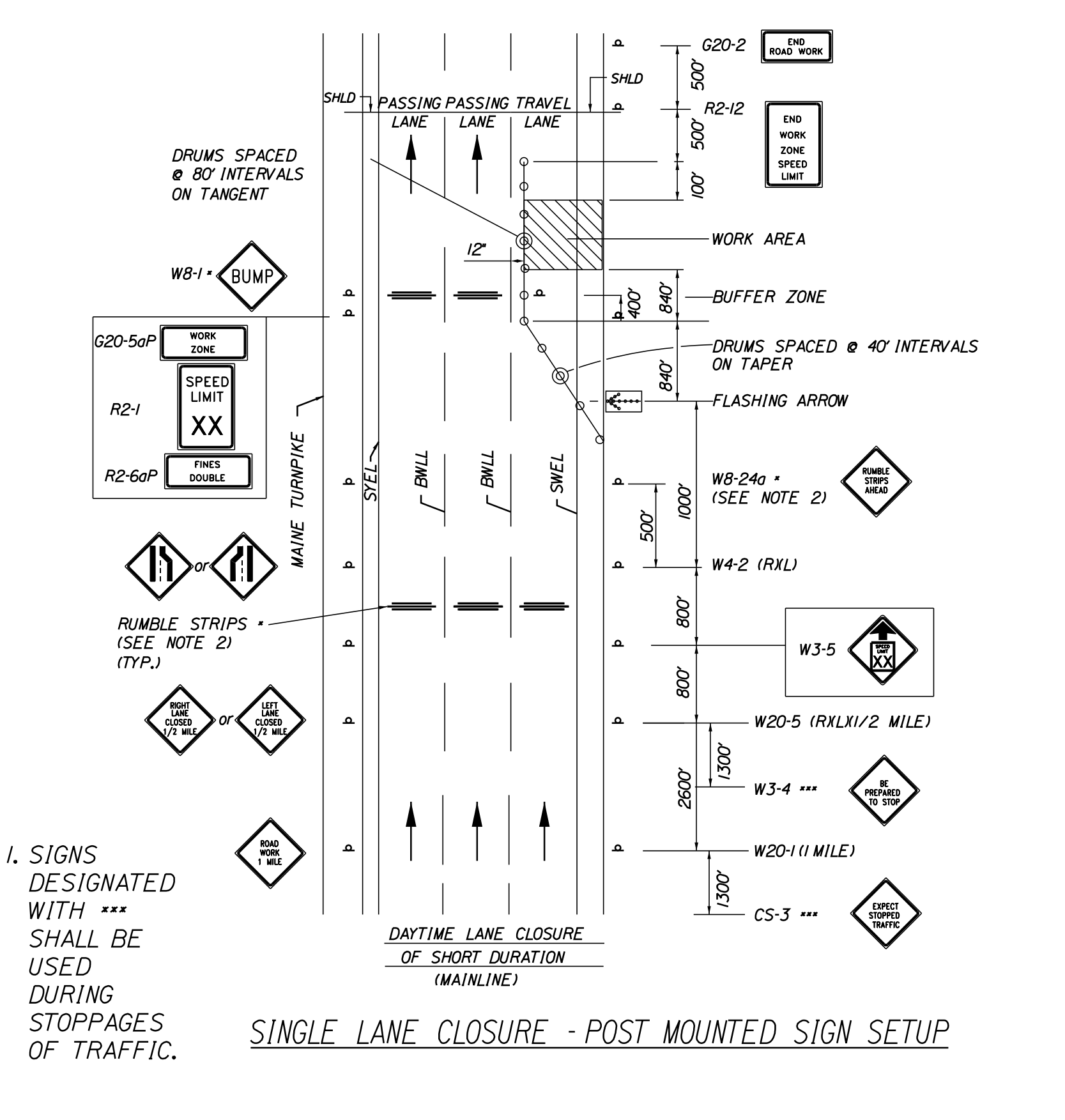
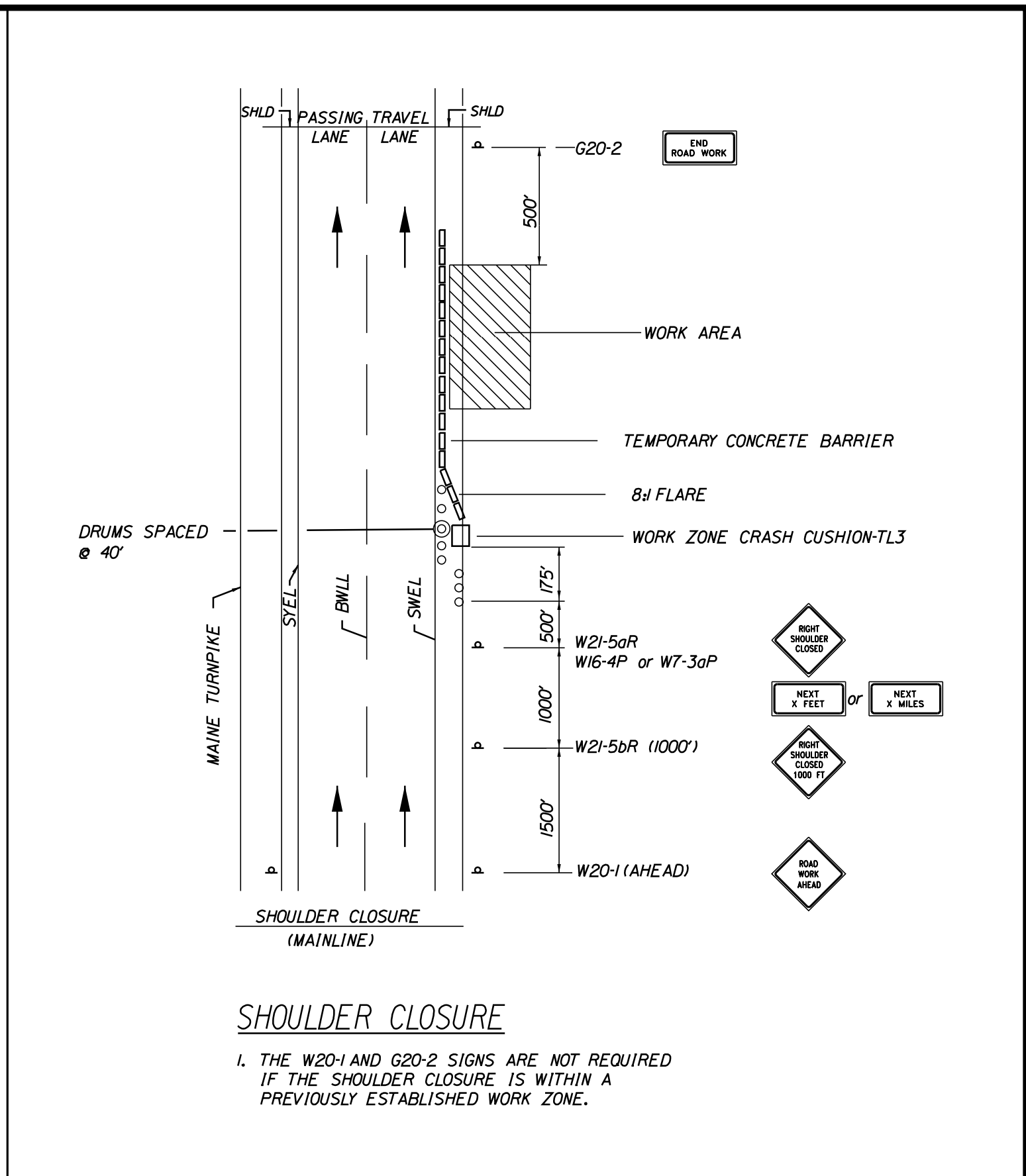
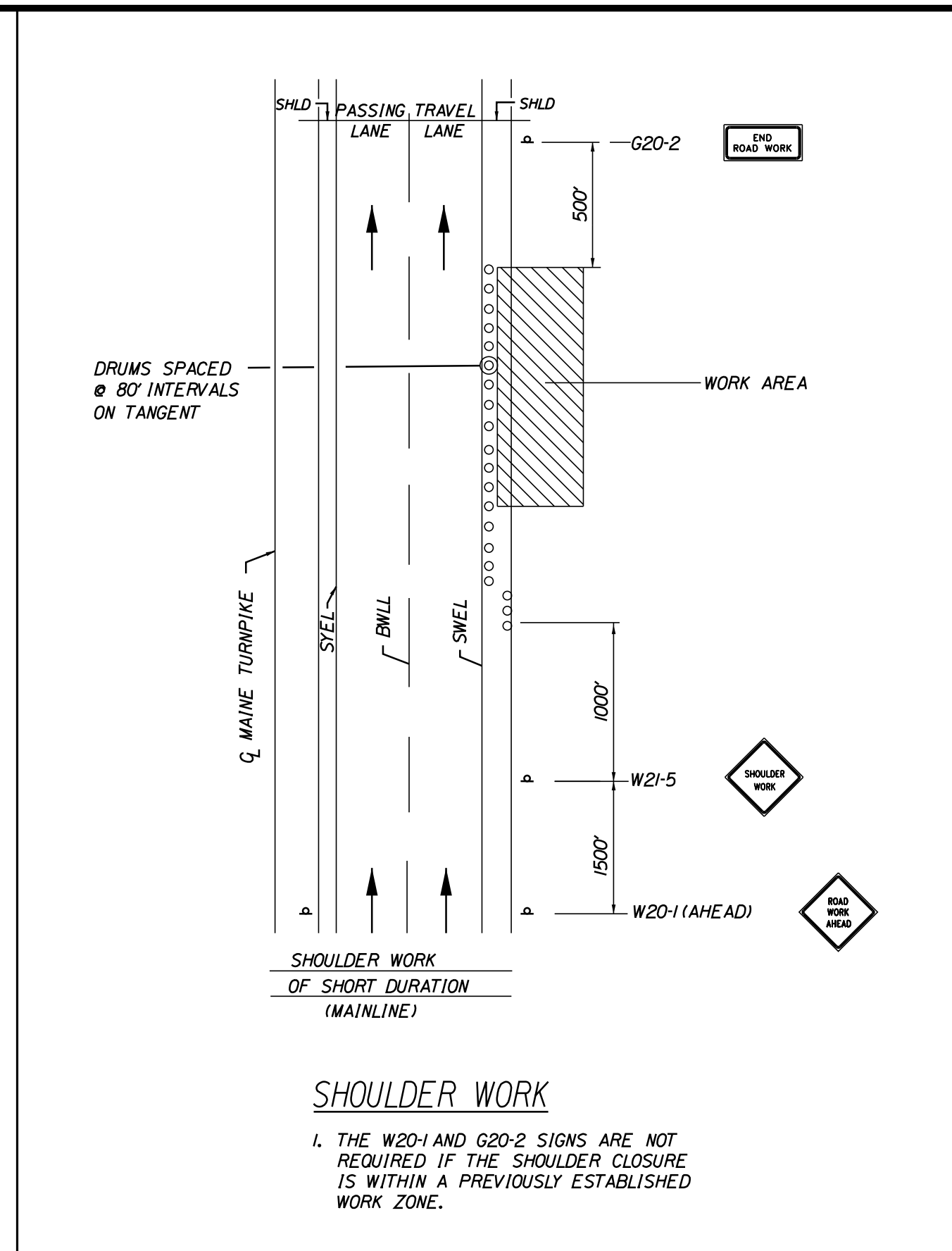
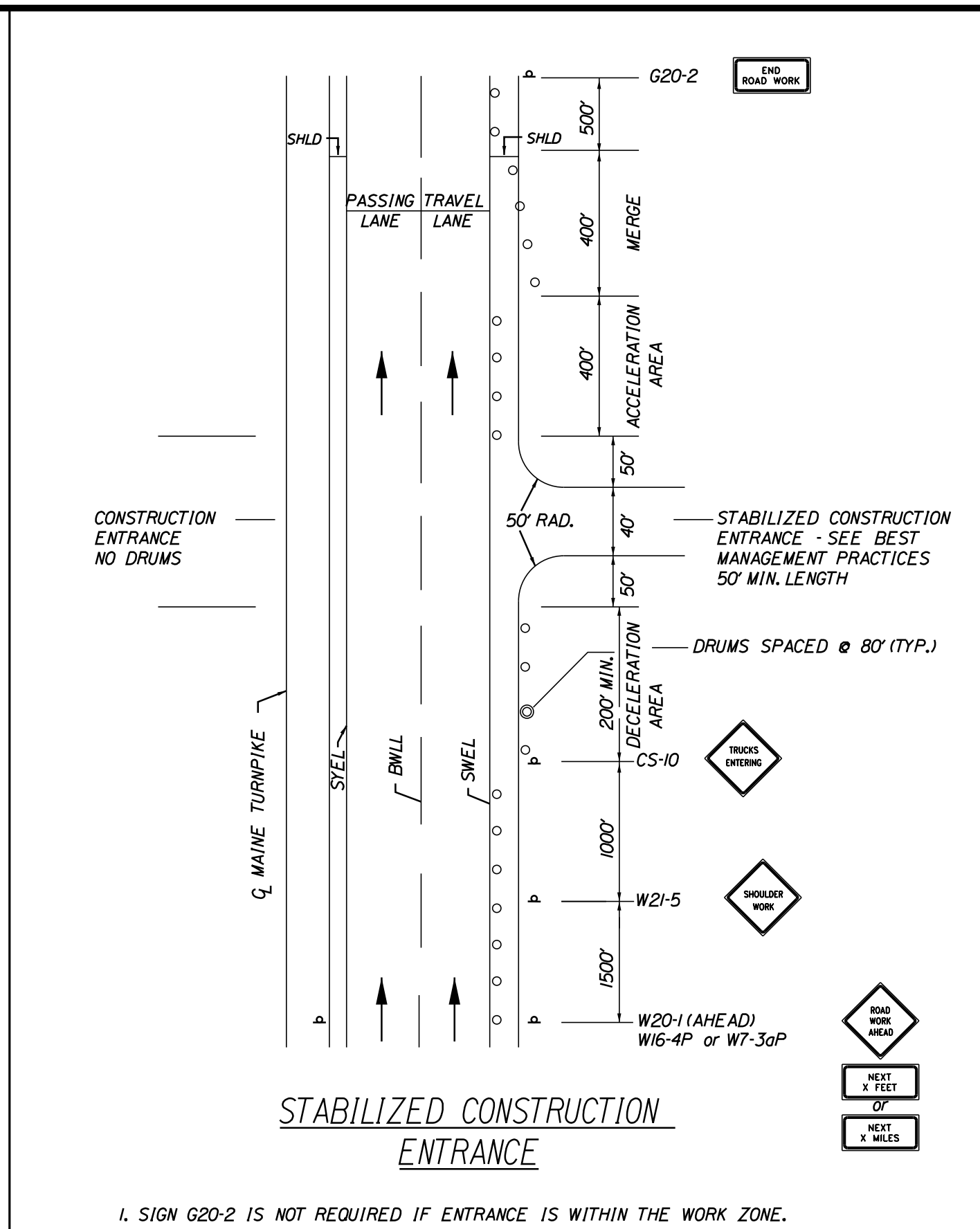
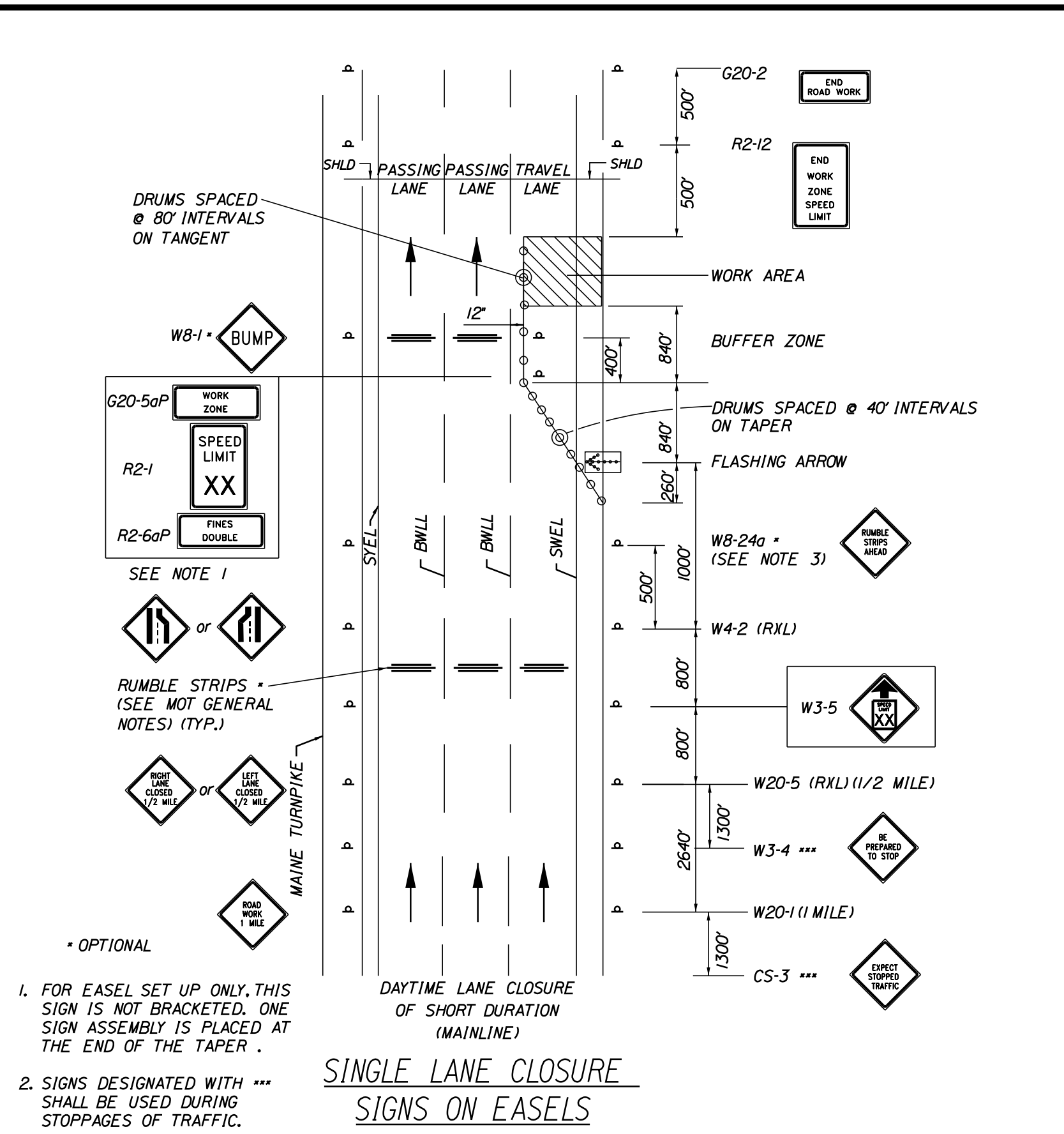
MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
 EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
 MAINTENANCE OF TRAFFIC
 GENERAL NOTES

SHEET NUMBER: GN-02
 CONTRACT: 2024.01
 6 OF 40

Date: 11/13/2023

Filename: ...MSTA_MOT_Details_01.dwg



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Designed by:

CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
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| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
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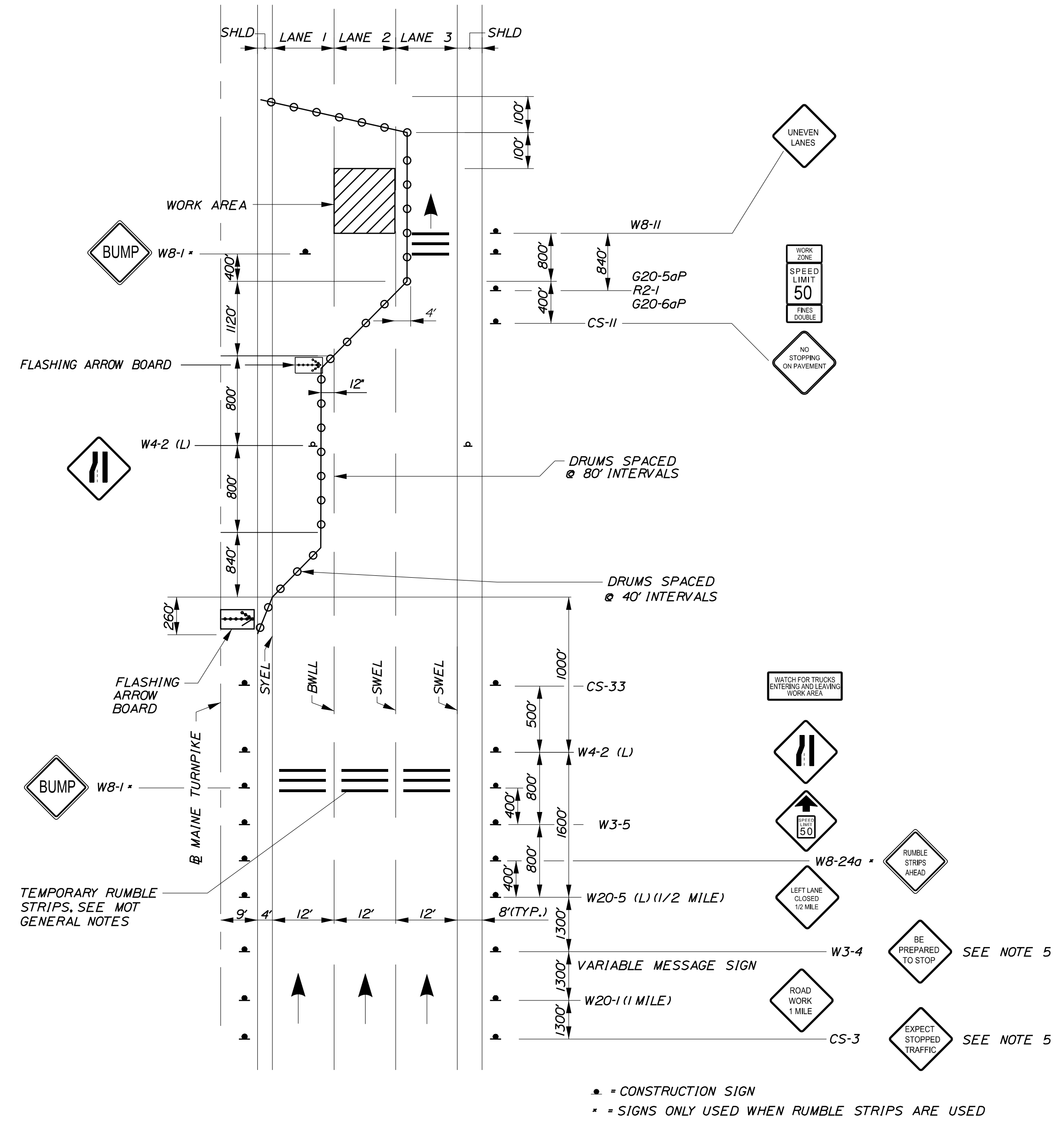
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

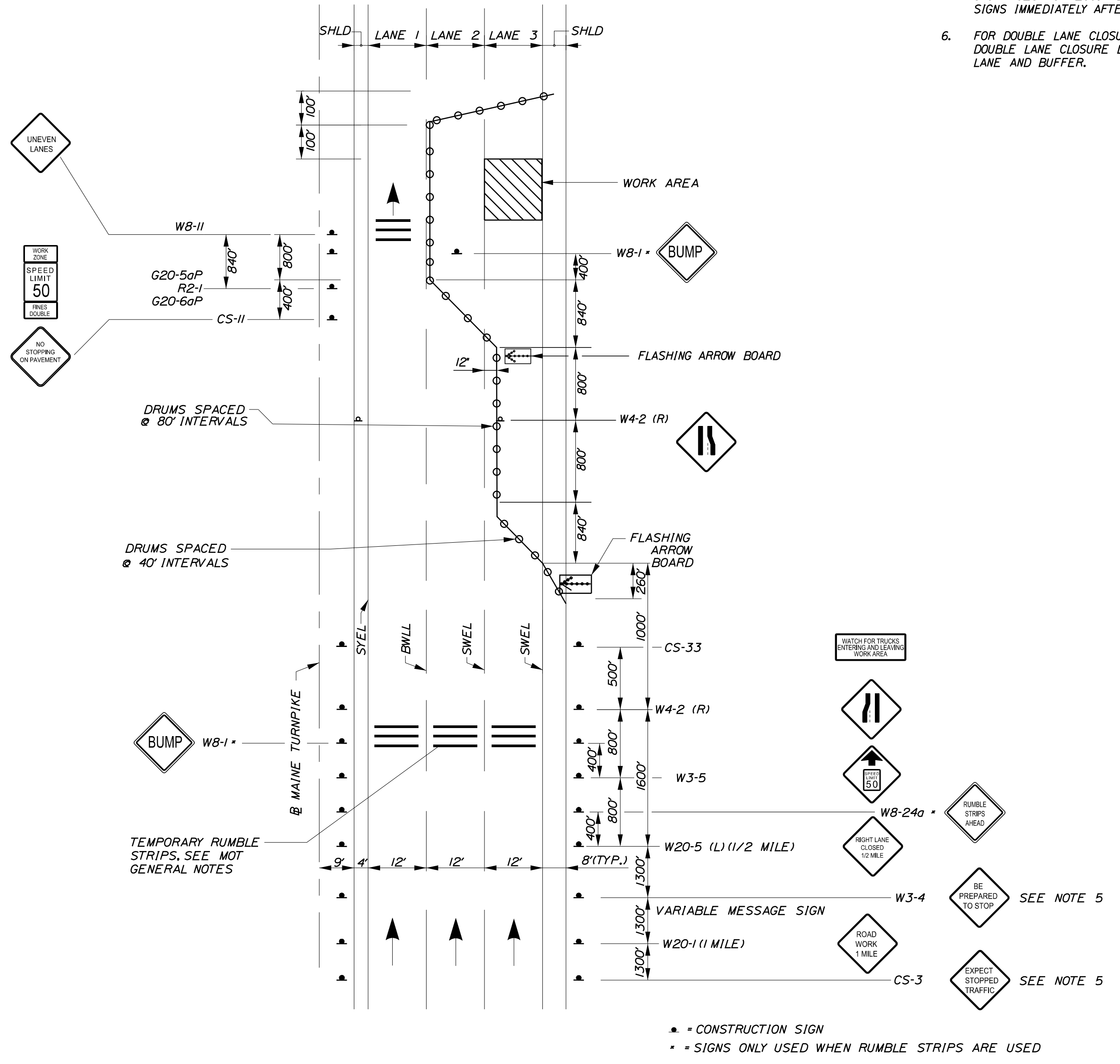
PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
DETAILS (1 OF 4)

SHEET NUMBER: MT-02
CONTRACT: 2024.01
7 OF 40

- NOTES:**
- FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
 - ALL TEMPORARY LANE CLOSURE SIGNS ARE TO BE MOUNTED ON EASELS.
 - STANDARD SINGLE LANE CLOSURES FOR LANES 1 AND 2 SHALL BE USED FOR DRAINAGE WORK, GUARDRAIL WORK, MEDIAN WORK, EQUIPMENT MOVES, BERM DROP OFF CORRECTION WORK, PAINTING OF SOLID WHITE LANE LINES, AND ALL OTHER WORK NOT REQUIRING ENCROACHMENT INTO THE ADJACENT LANE.
 - SEE SHEET MT-02 FOR STANDARD SINGLE LANE CLOSURE DETAILS.
 - ERECT CS-3 AND W3-4 SIGNS IMMEDIATELY PRIOR TO SCHEDULED STOPPAGES FOR EQUIPMENT MOVES AND REMOVE THE CS-1 AND W3-4 SIGNS IMMEDIATELY AFTER THE SCHEDULED STOPPAGES ARE COMPLETE.
 - FOR DOUBLE LANE CLOSURES FOR MILLING AND PAVING OPERATIONS, SEE DOUBLE LANE CLOSURE DETAIL SHEET MT-05 FOR CLOSURE OF FIRST LANE AND BUFFER.



LANE CLOSURE FOR MILLING AND PAVING OPERATIONS
AND PAVEMENT MARKINGS
LANE 2



LANE CLOSURE FOR MILLING AND PAVING OPERATIONS
AND PAVEMENT MARKINGS
LANE 3
(LANE 1 SIMILAR/OPPOSITE)

Date: 11/13/2023

Filename: ...MSTA_MOT_Details_01.dgn

Scale: NOT TO SCALE

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CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
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PORTLAND, ME 04102
TEL (207) 887-3448
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

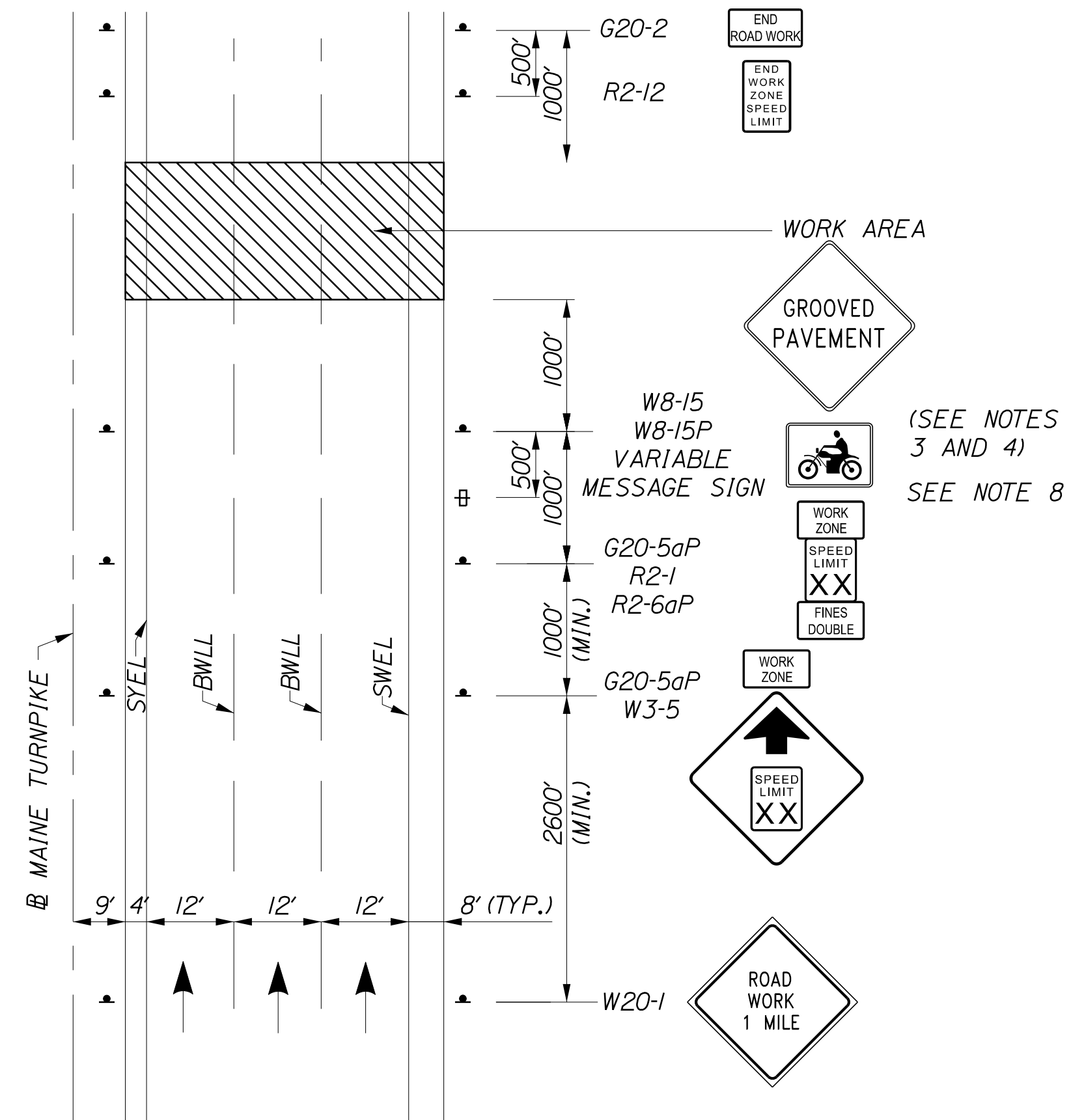
MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
DETAILS (2 OF 4)

SHEET NUMBER: MT-03
CONTRACT: 2024.01
8 OF 40

Date: 11/13/2023

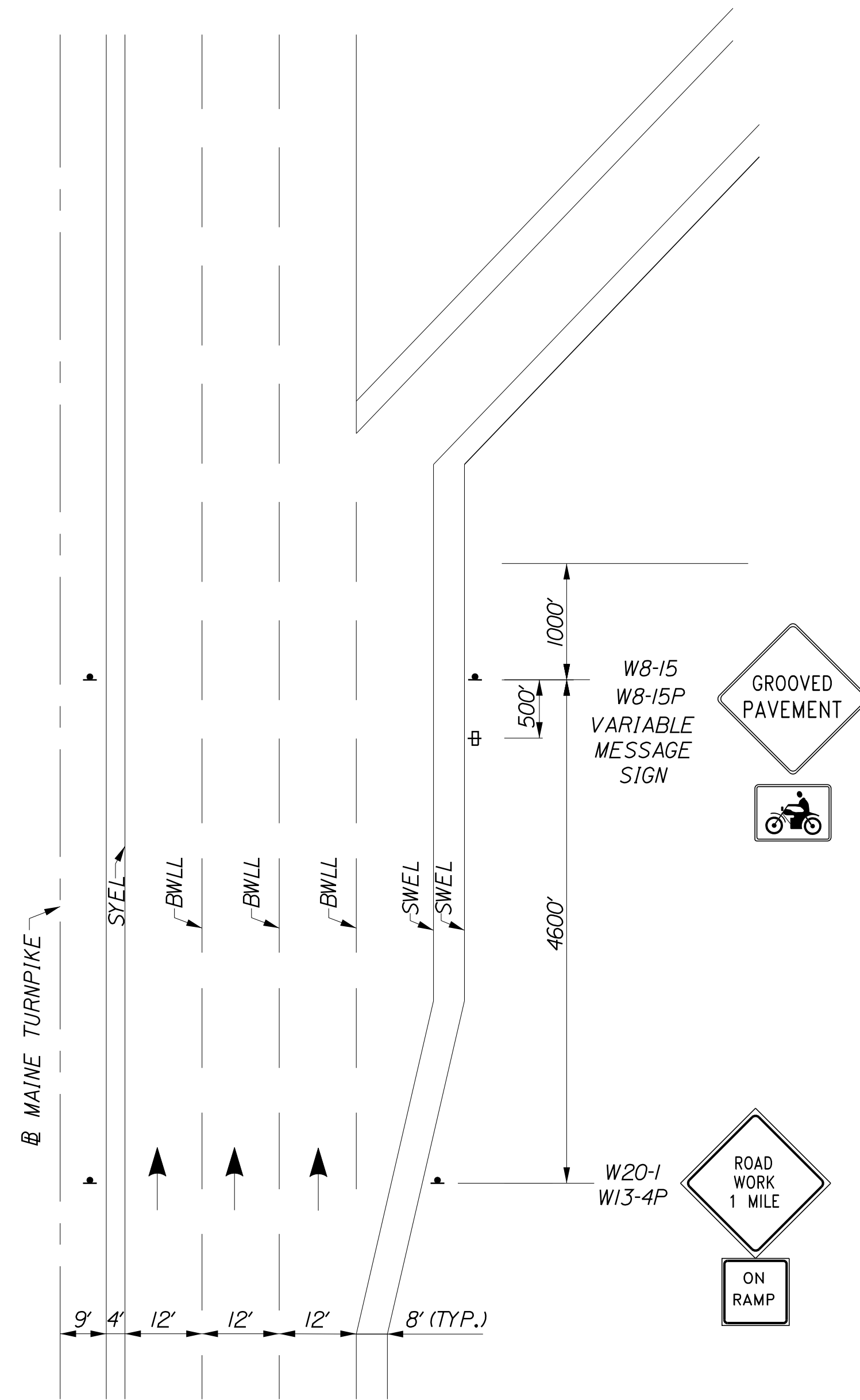
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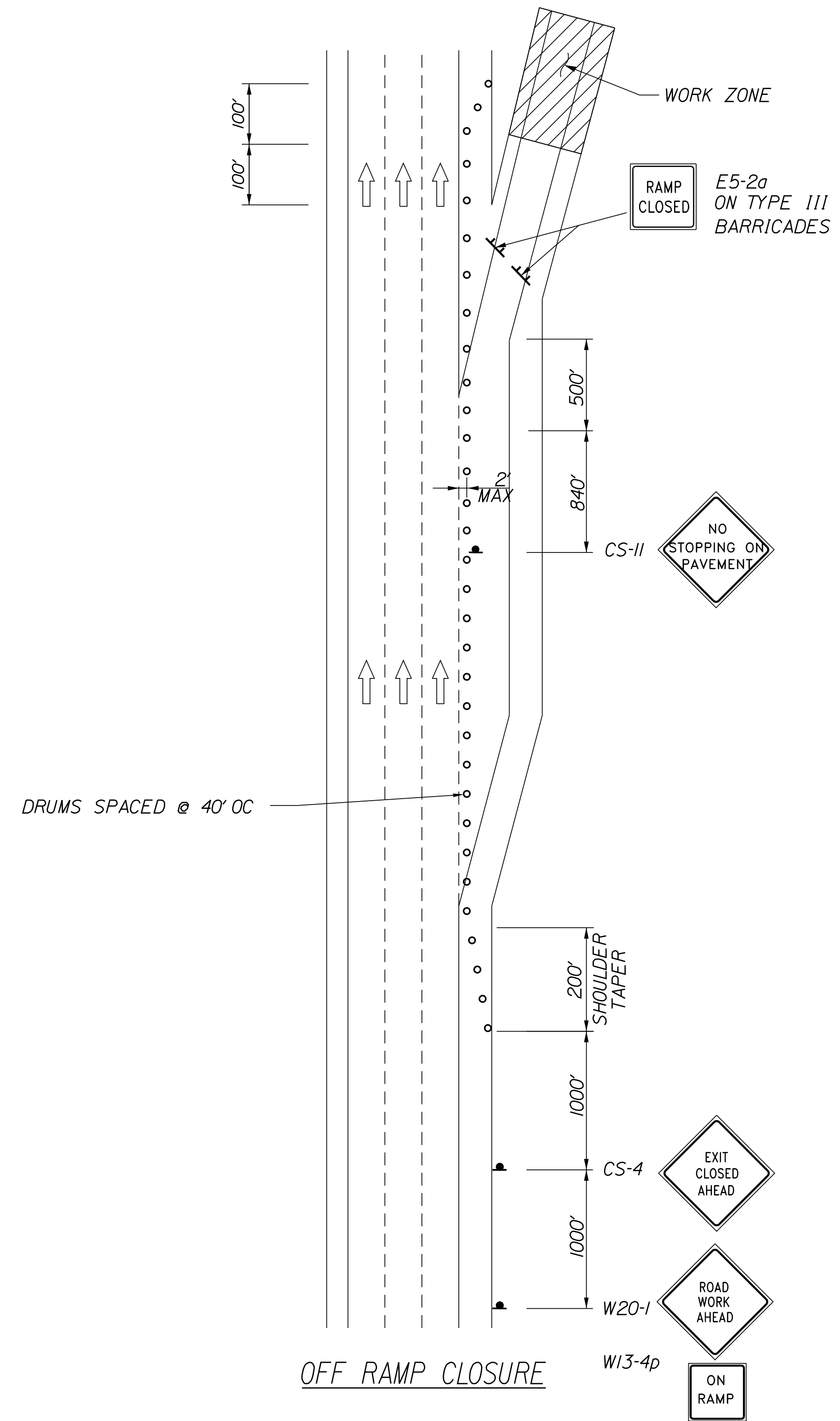
ADVANCED PROJECT SIGNING

NOTES:

1. FOR SIGN DETAILS, SEE SIGN SUMMARY SHEETS.
2. UNCOVER W8-15 & W8-15P SIGNS WHEN PAVEMENT IS MILLED OR AS DIRECTED BY THE RESIDENT.
3. PROVIDE W8-15 AND W8-15P AT ALL MILLED LOCATIONS.
4. DUE TO SEQUENCING OF WORK AREAS, APPROACH SIGNING MAY NEED TO BE ADJUSTED AS WORK PROGRESSES.
5. TRAFFIC CONTROL SIGNS NOT IN USE SHALL BE COVERED AS DIRECTED BY THE RESIDENT.
6. ALL SIGNS TO BE MOUNTED ON EASELS UNLESS OTHERWISE NOTED.
7. RAMP CLOSURES ALSO REQUIRE THE USE OF THE CORRESPONDING RAMP CLOSURE PLAN.



OFF RAMP
ADVANCED PROJECT SIGNING



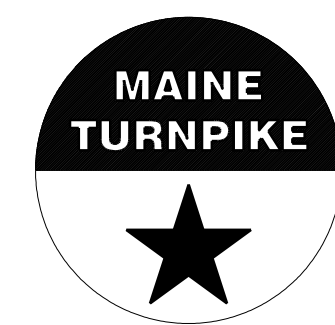
OFF RAMP CLOSURE

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**THE GOLD STAR
MEMORIAL HIGHWAY**

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
DETAILS (3 OF 4)

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| | By | Date | |
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| Drawn | CHL | 10\23 | In Charge of LEM 10\23 |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

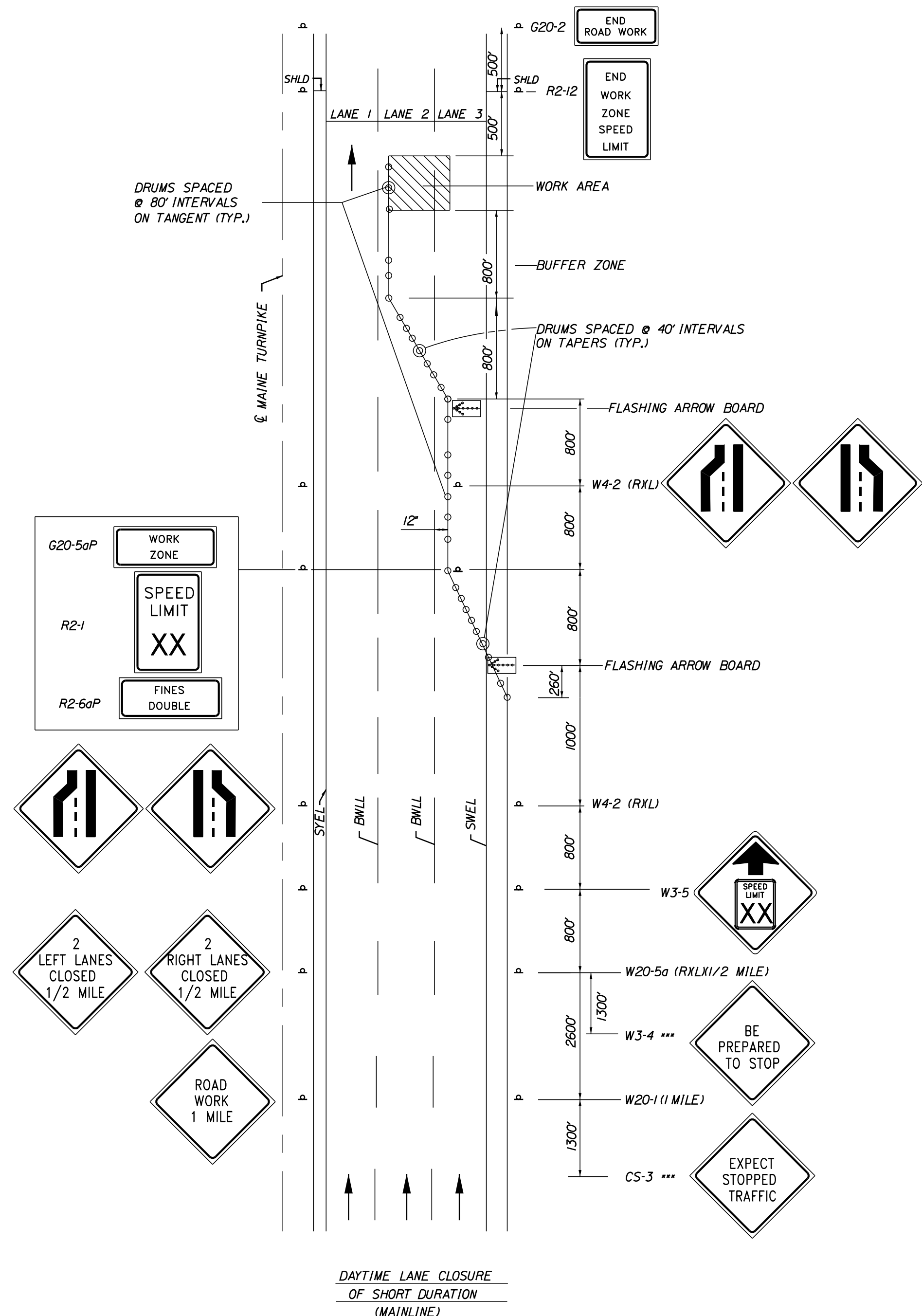
CONTRACT: 2024.01

SHEET NUMBER: MT-04

9 OF 40

Date: 11/13/2023

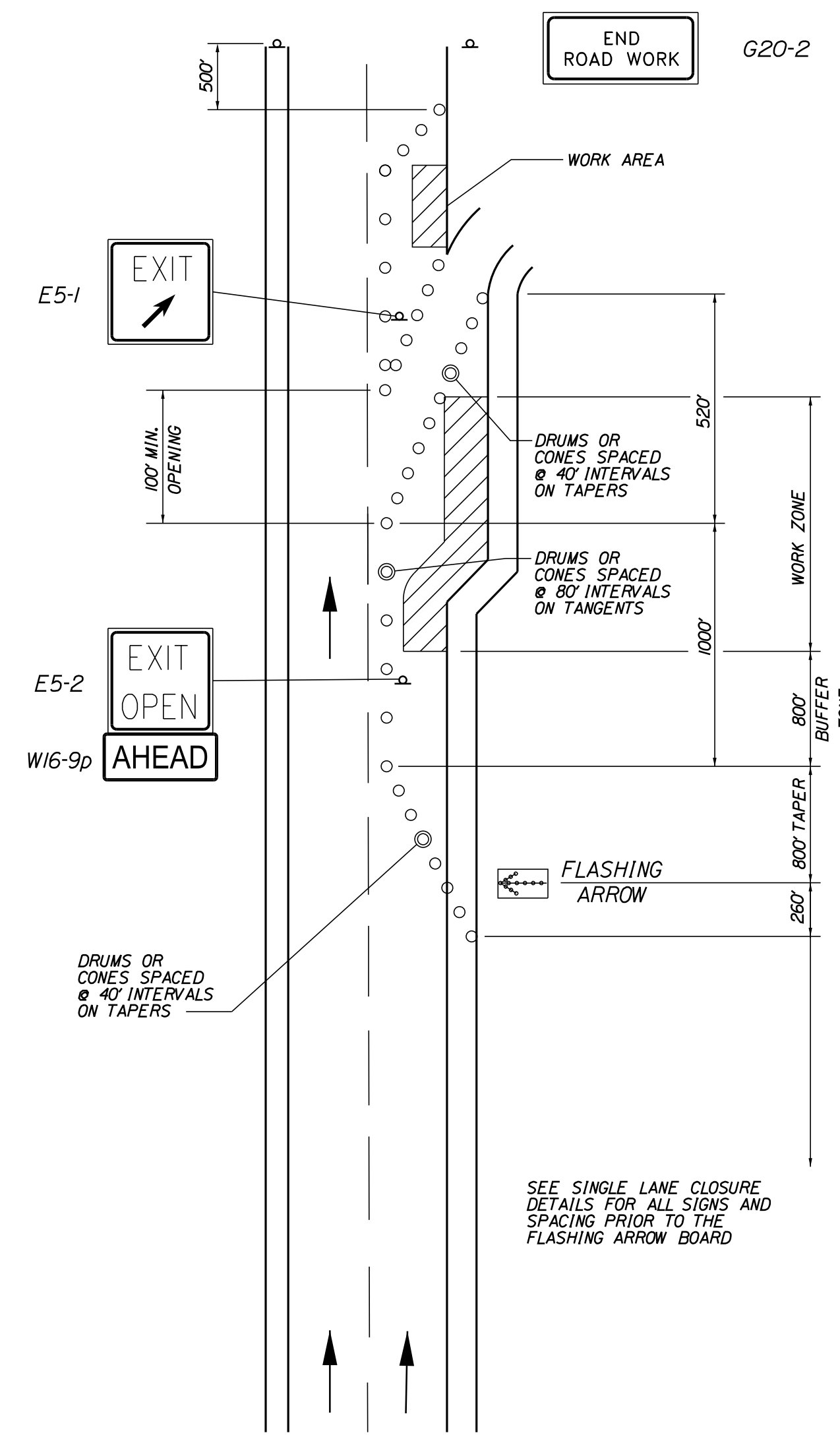
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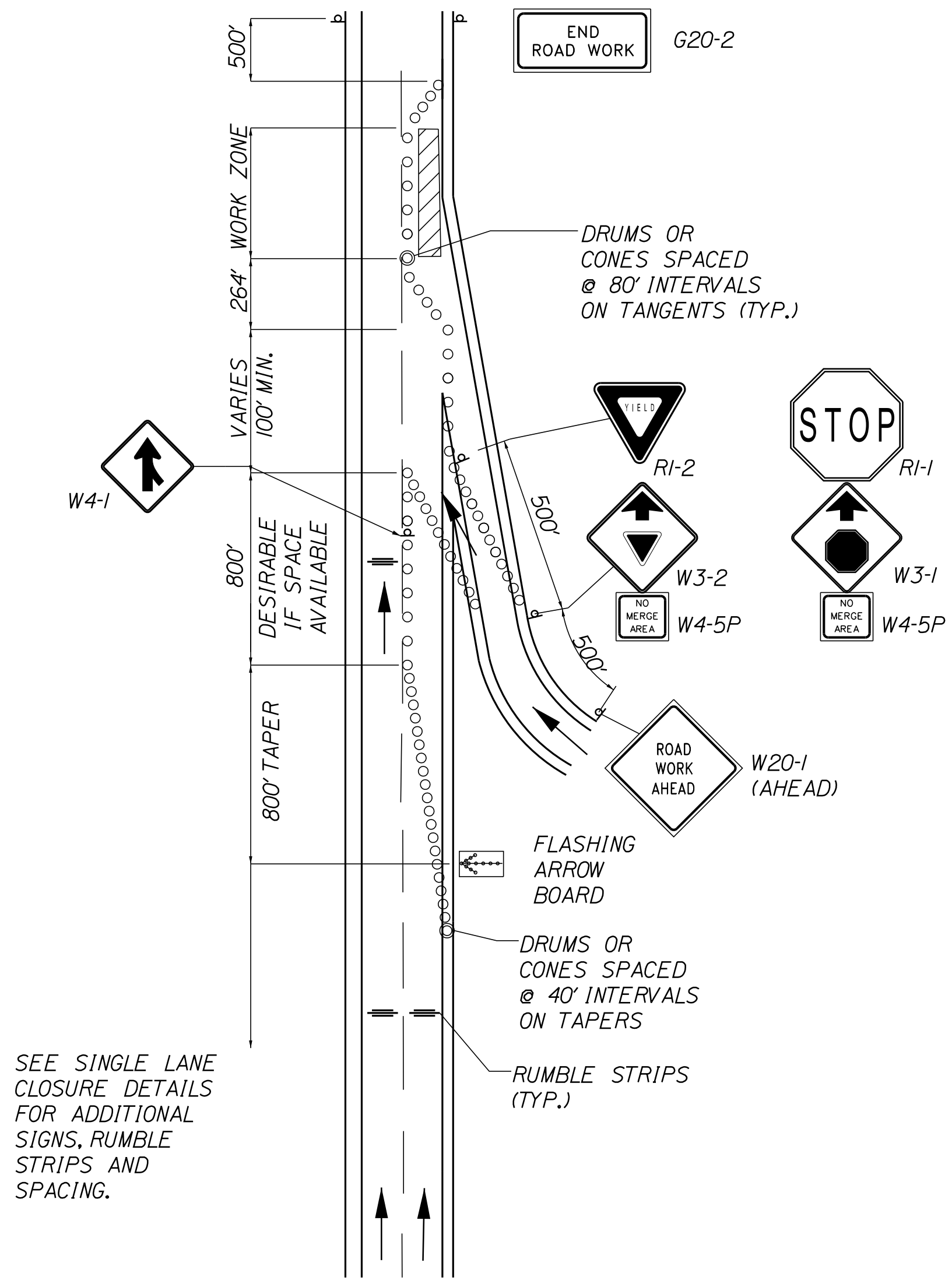
DOUBLE LANE CLOSURE

1. SEE SINGLE LANE CLOSURE NOTES FOR REDUCED SPEED SIGNS, TRAFFIC STOPPAGE SIGNS, SIGN SPACING AND OTHER PERTINENT INFORMATION.

DAYTIME LANE CLOSURE OF SHORT DURATION (MAINLINE)



TRAVEL LANE CLOSURE AT AN EXIT RAMP



TRAVEL LANE CLOSURE AT AN ENTRANCE RAMP

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

SEE SINGLE LANE CLOSURE DETAILS FOR ADDITIONAL SIGNS, RUMBLE STRIPS AND SPACING.

TEMPORARY LANE CLOSURES AT RAMPS (MAINLINE)
NOT TO SCALE

Scale: NOT TO SCALE

| No. | Revision | By | Date |
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2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
TEL (207) 887-3448
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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

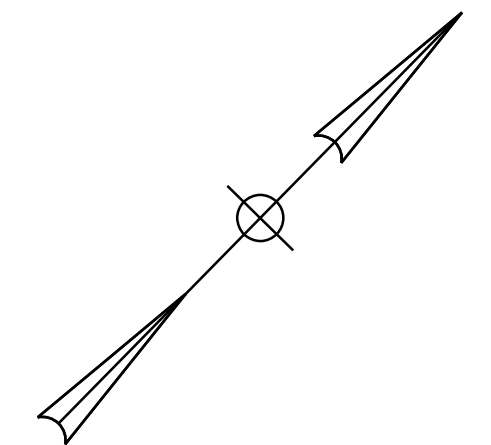
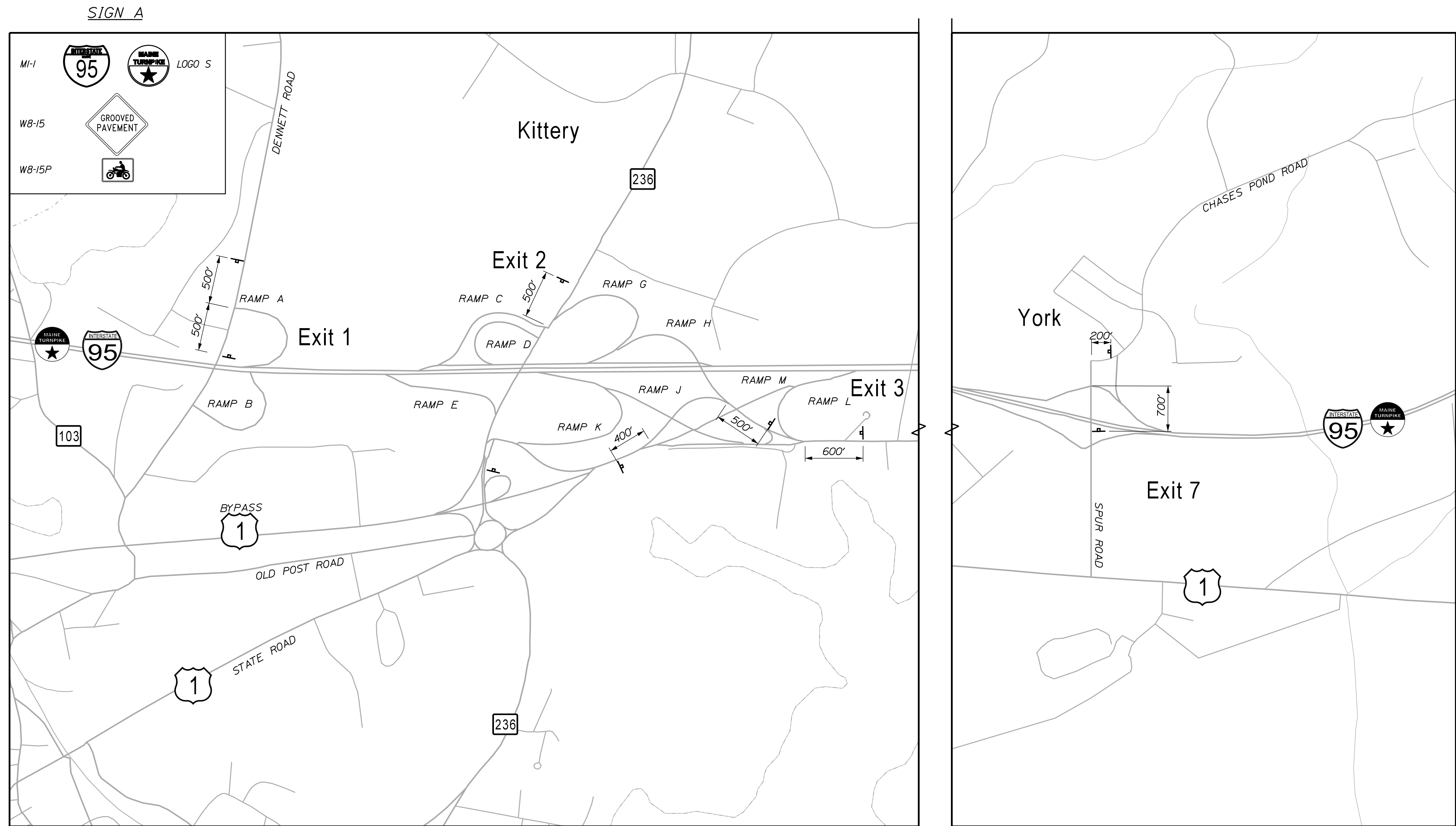
PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
DETAILS (4 OF 4)

SHEET NUMBER: MT-05
10 OF 40

CONTRACT: 2024.01

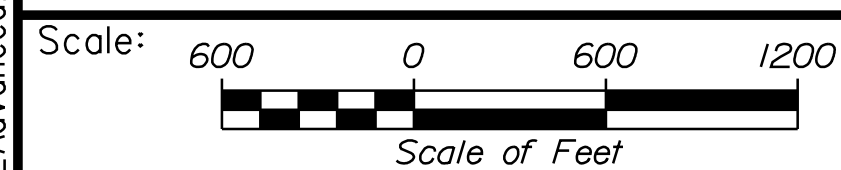
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LEGEND

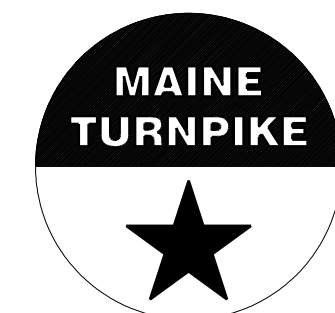
— SIGN A



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 PORTLAND, ME 04102
 TEL (207) 887-3448
 FAX (207) 883-3376



**THE GOLD STAR
 MEMORIAL HIGHWAY**

PAVEMENT REHABILITATION
 EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
 MAINTENANCE OF TRAFFIC
 ADVANCED PROJECT SIGNING

| No. | Revision | By | Date |
|-----|----------|----|------|
| | | | |
| | | | |
| | | | |

| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
|---|-----|-------|--------------|-----|-------|
| | By | Date | Checked | By | Date |
| Designed | JRH | 10\23 | Checked | PLP | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

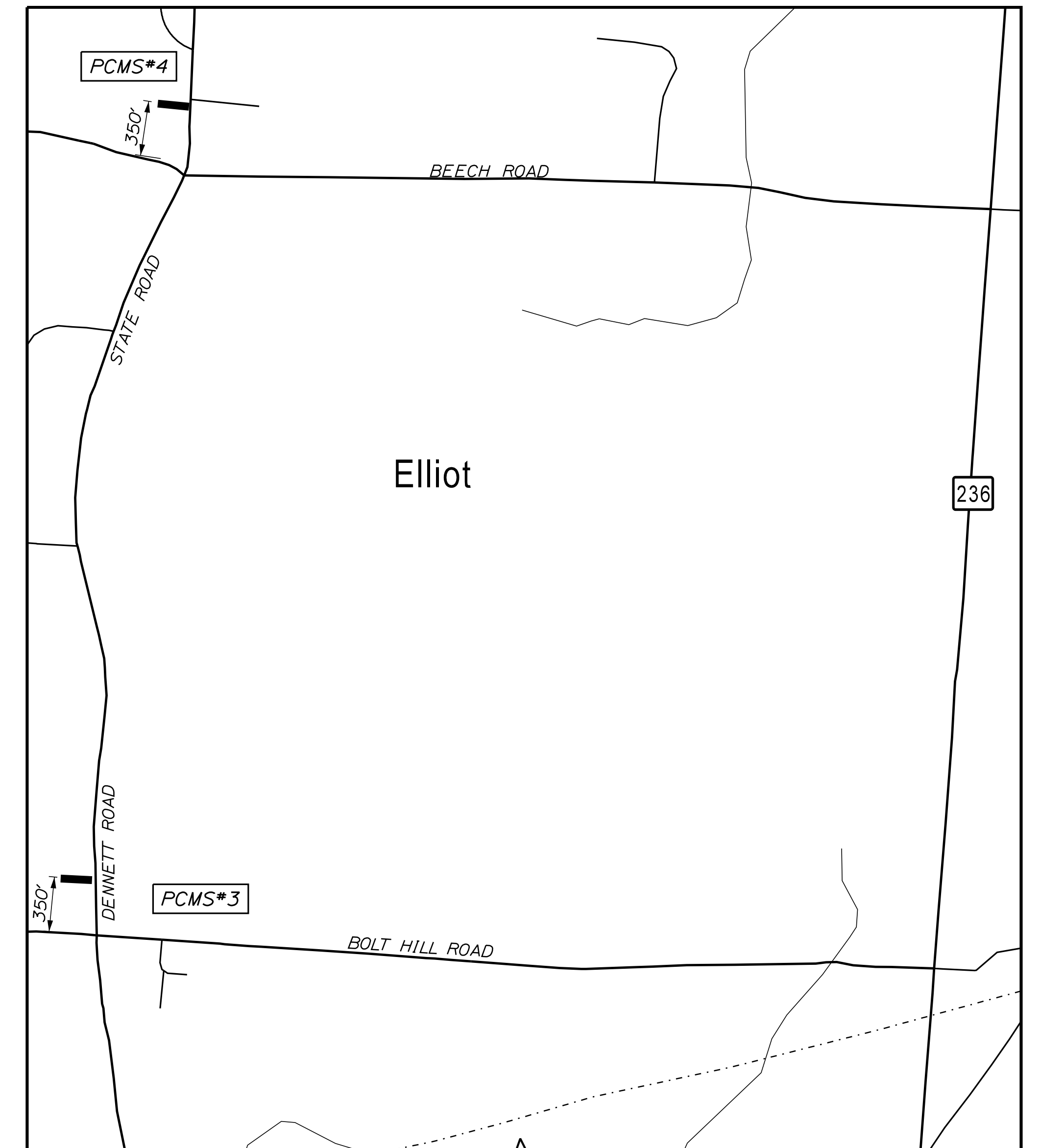
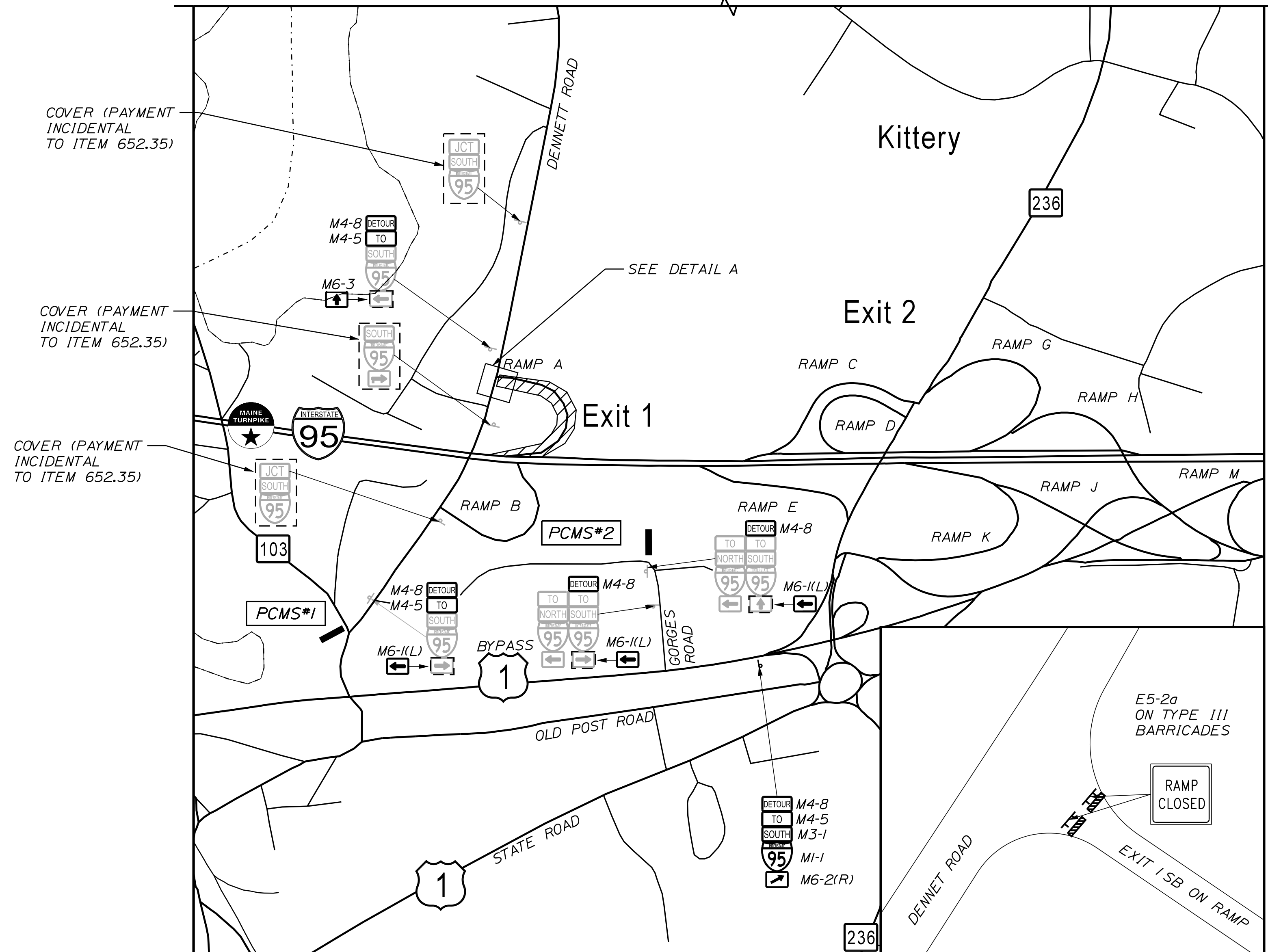
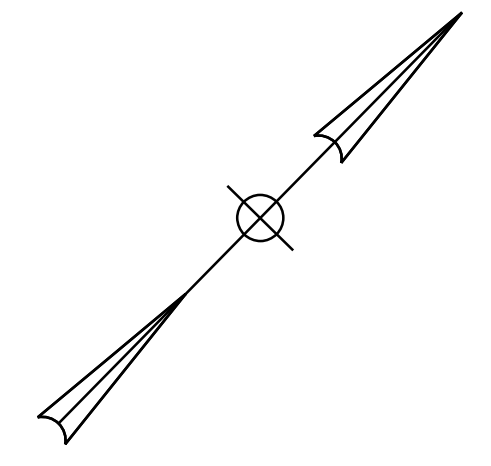
CONTRACT: 2024.01

SHEET NUMBER: MOT-9

11 OF 40

Date: 11/13/2023

Filename: ...MSTA_MOT_Ramp_Closure2.dgn



LEGEND:

- CLOSED RAMP
- PCMS

NOTES:

1. RAMP MAY BE CLOSED FOR DAYTIME OR NIGHTTIME WORK.
2. RAMP SHALL BE OPENED WHEN WORK IS NOT OCCURING.

ALL PCMS (1 WEEK PRIOR TO CLOSURE)

DETAIL A:
N.T.S.

PCMS #1, #2

PCMS #3, #4

I-95 SB
EXIT 1
TO CLOSE SCREEN 1

XX/XX
TO
XX/XX SCREEN 2

XX:XX PM
TO
XX:XX AM SCREEN 3

EXIT 1 SB
RAMP
CLOSED SCREEN 1

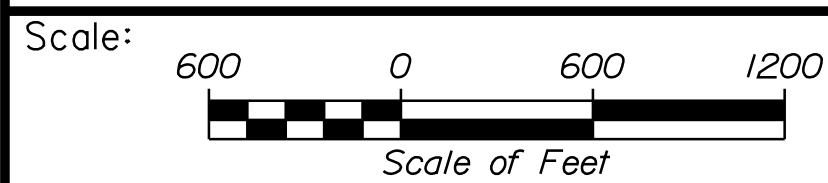
USE
OLD POST
ROAD SCREEN 2

TO
I-95
SOUTH SCREEN 3

EXIT 1
RAMP
CLOSED SCREEN 1

USE
EXIT 2 SCREEN 2

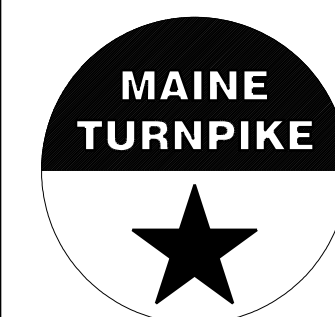
PCMS MESSAGES



Designed by:



STANTEC CONSULTING SERVICES INC.
2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
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FAX (207) 883-3376



**THE GOLD STAR
MEMORIAL HIGHWAY**

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
RAMP A CLOSURE PLAN

| No. | Revision | By | Date |
|-----|----------|----|------|
| | | | |
| | | | |
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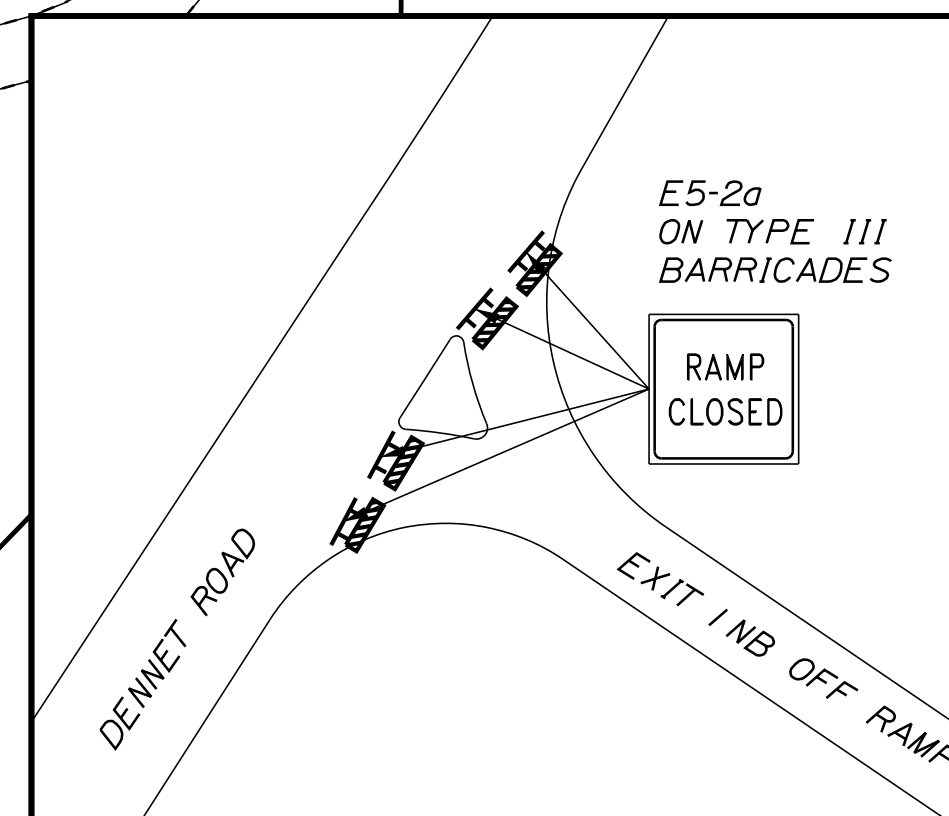
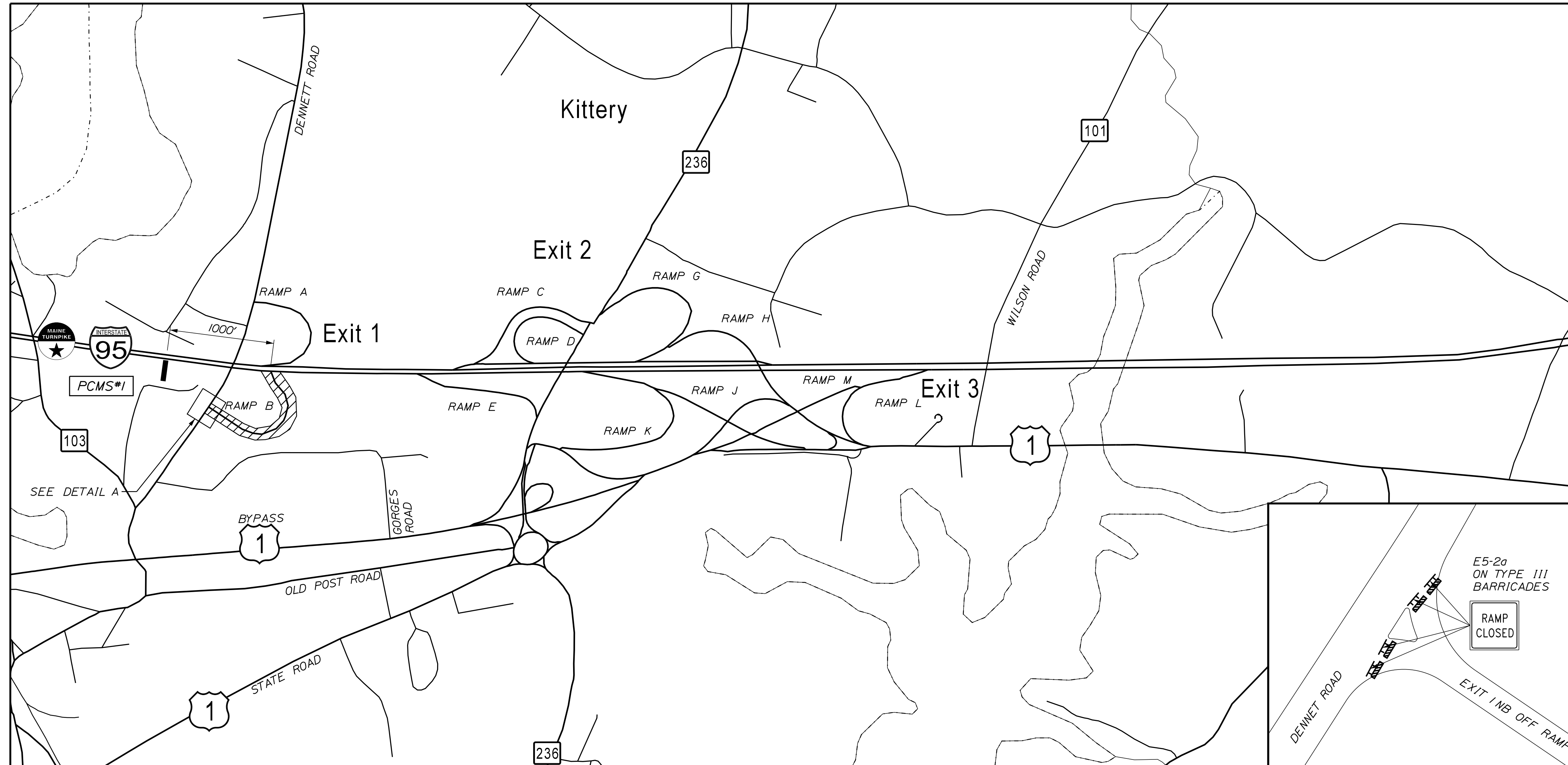
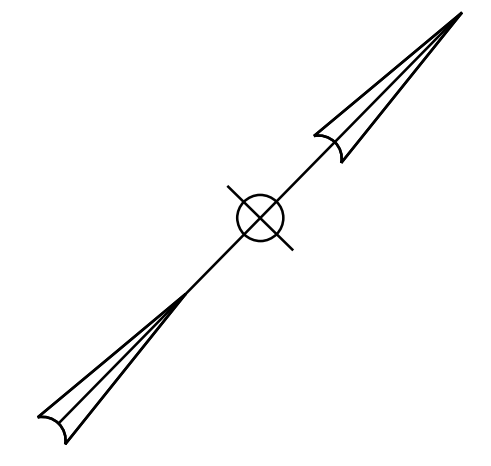
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | |
|---|-----|-------|--------------|
| | By | Date | |
| Designed | JRH | 10\23 | Checked |
| Drawn | CHL | 10\23 | In Charge of |
| | | | |
| | | | |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

CONTRACT: 2024.01

SHEET NUMBER: MOT-6
12 OF 40

Date: 11/13/2023



LEGEND:

- CLOSED RAMP
- PCMS

NOTES:

1. RAMP MAY BE CLOSED FOR DAYTIME OR NIGHTTIME WORK.
2. RAMP SHALL BE OPENED WHEN WORK IS NOT OCCURRING.

ALL PCMS (1WEEK PRIOR TO CLOSURE)

I-95 NB
EXIT 1
TO CLOSE SCREEN 1

XX/XX
TO
XX/XX SCREEN 2

XX:XX PM
TO
XX:XX AM SCREEN 3

PCMS MESSAGES

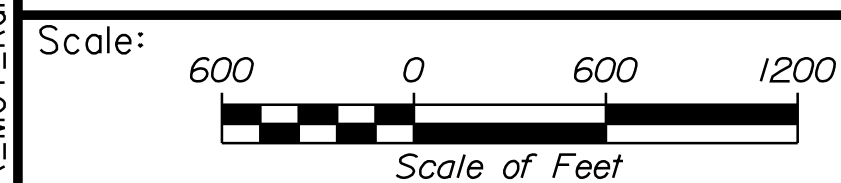
PCMS #1

EXIT 1
RAMP
CLOSED SCREEN 1

USE
EXIT 2 SCREEN 2

DETAIL A:
N.T.S.

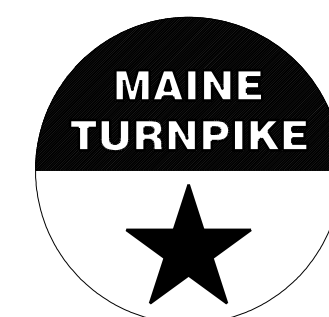
Filename: ...MSTA_MOT_Ramp_Closure2.dgn



Designed by:



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PORTLAND, ME 04102
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FAX (207) 883-3376



**THE GOLD STAR
MEMORIAL HIGHWAY**

**PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
RAMP B CLOSURE PLAN**

| No. | Revision | By | Date |
|-----|----------|----|------|
| | | | |
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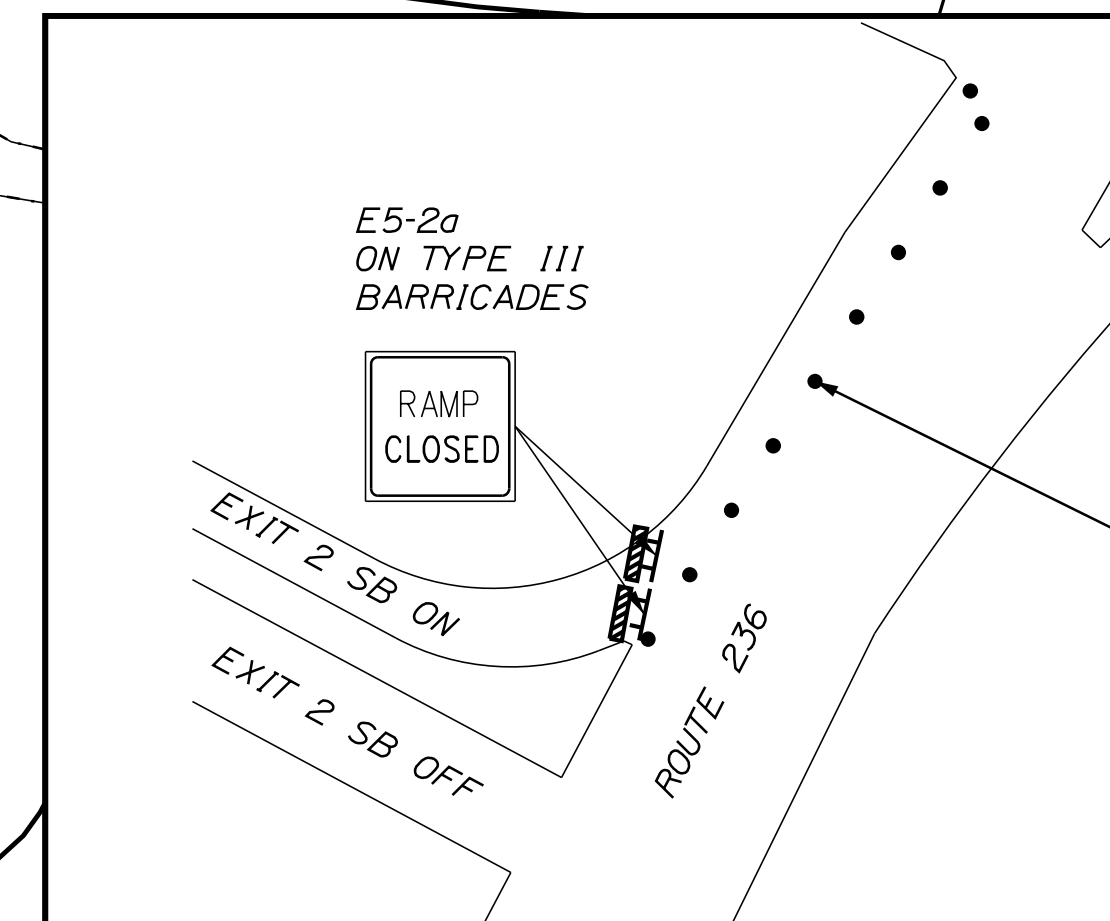
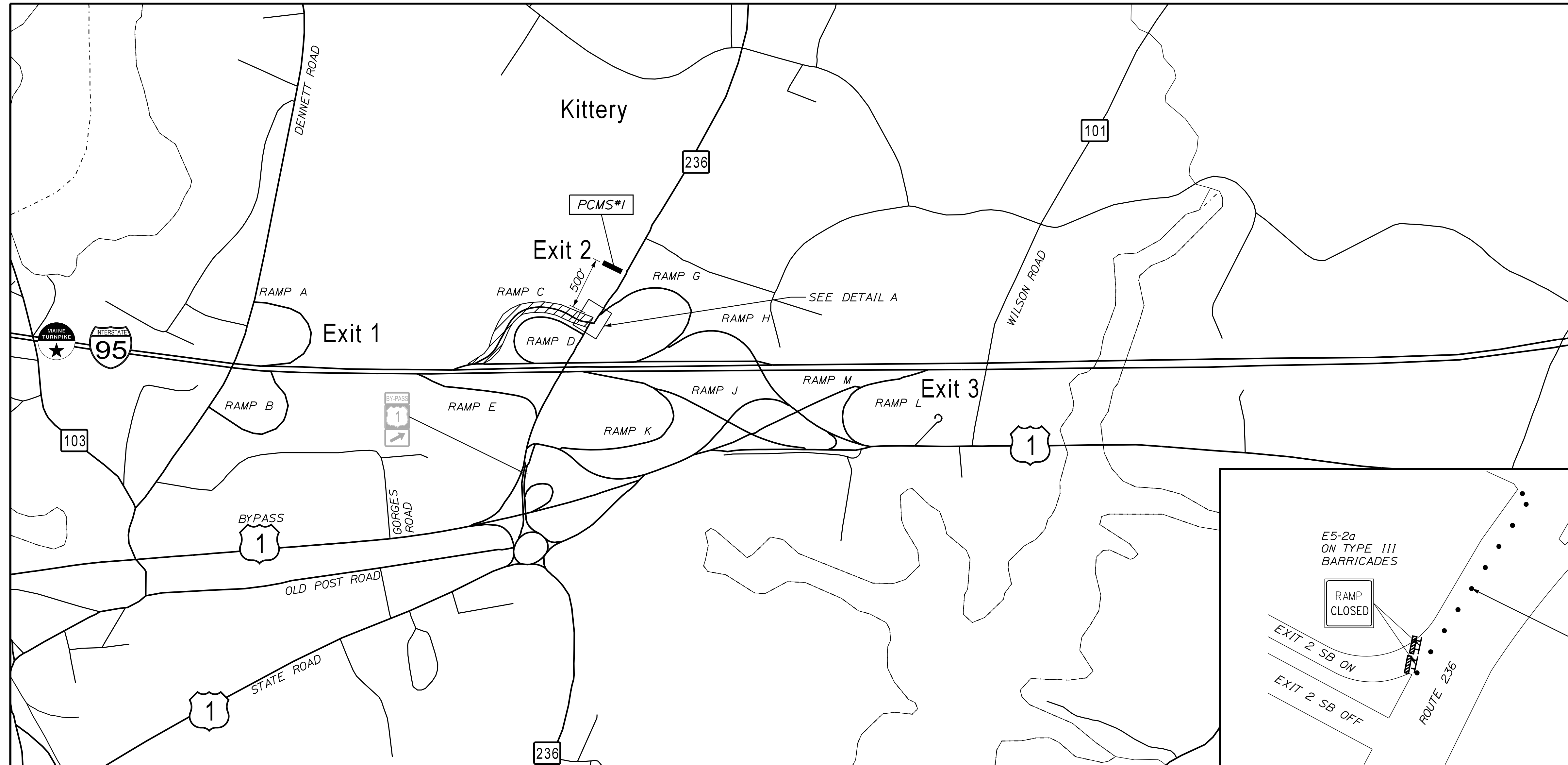
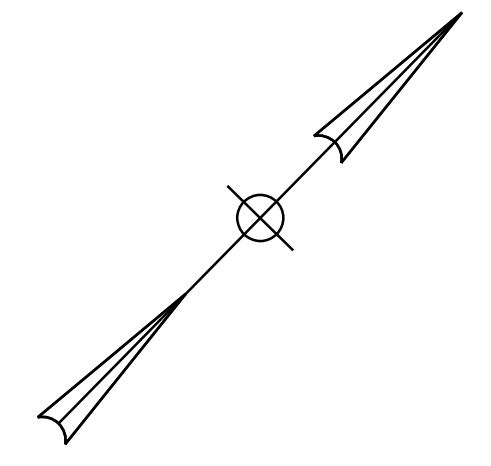
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
|---|-----|-------|--------------|-----|-------|
| | By | Date | | By | Date |
| Designed | JRH | 10\23 | Checked | PLP | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

CONTRACT: 2024.01

SHEET NUMBER: MOT-7
13 OF 40

Date: 11/13/2023



LEGEND:

- CLOSED RAMP
- PCMS

NOTES:

1. RAMP MAY BE CLOSED FOR DAYTIME WORK AS NOTED IN THE SPECIAL PROVISIONS OTHERWISE WORK SHALL OCCUR AT NIGHTTIME.
2. RAMP SHALL BE OPENED WHEN WORK IS NOT OCCURRING.

ALL PCMS (1WEEK PRIOR TO CLOSURE)

I-95 SB
EXIT 2
TO CLOSE SCREEN 1

XX/XX
TO
XX/XX SCREEN 2

XX:XX PM
TO
XX:XX AM SCREEN 3

PCMS MESSAGES

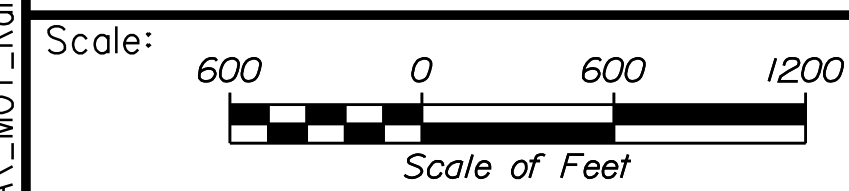
PCMS #1

EXIT 2
ON RAMP
CLOSED SCREEN 1

USE SB
ROUTE 1
BYPASS SCREEN 2

DETAIL A:
N.T.S.

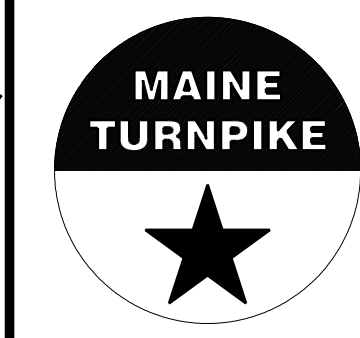
Filename: ...MSTA_MOT_Ramp_Closure2.dgn



Designed by:



STANTEC CONSULTING SERVICES INC.
2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
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FAX (207) 883-3376



**THE GOLD STAR
MEMORIAL HIGHWAY**

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
RAMP C CLOSURE PLAN

| No. | Revision | By | Date |
|-----|----------|----|------|
| | | | |
| | | | |

| | | | |
|---|-----|-------|--------------|
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | |
| | By | Date | |
| Designed | JRH | 10\23 | Checked |
| | | | PLP |
| | | | 10\23 |
| Drawn | CHL | 10\23 | In Charge of |
| | | | LEM |
| | | | 10\23 |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

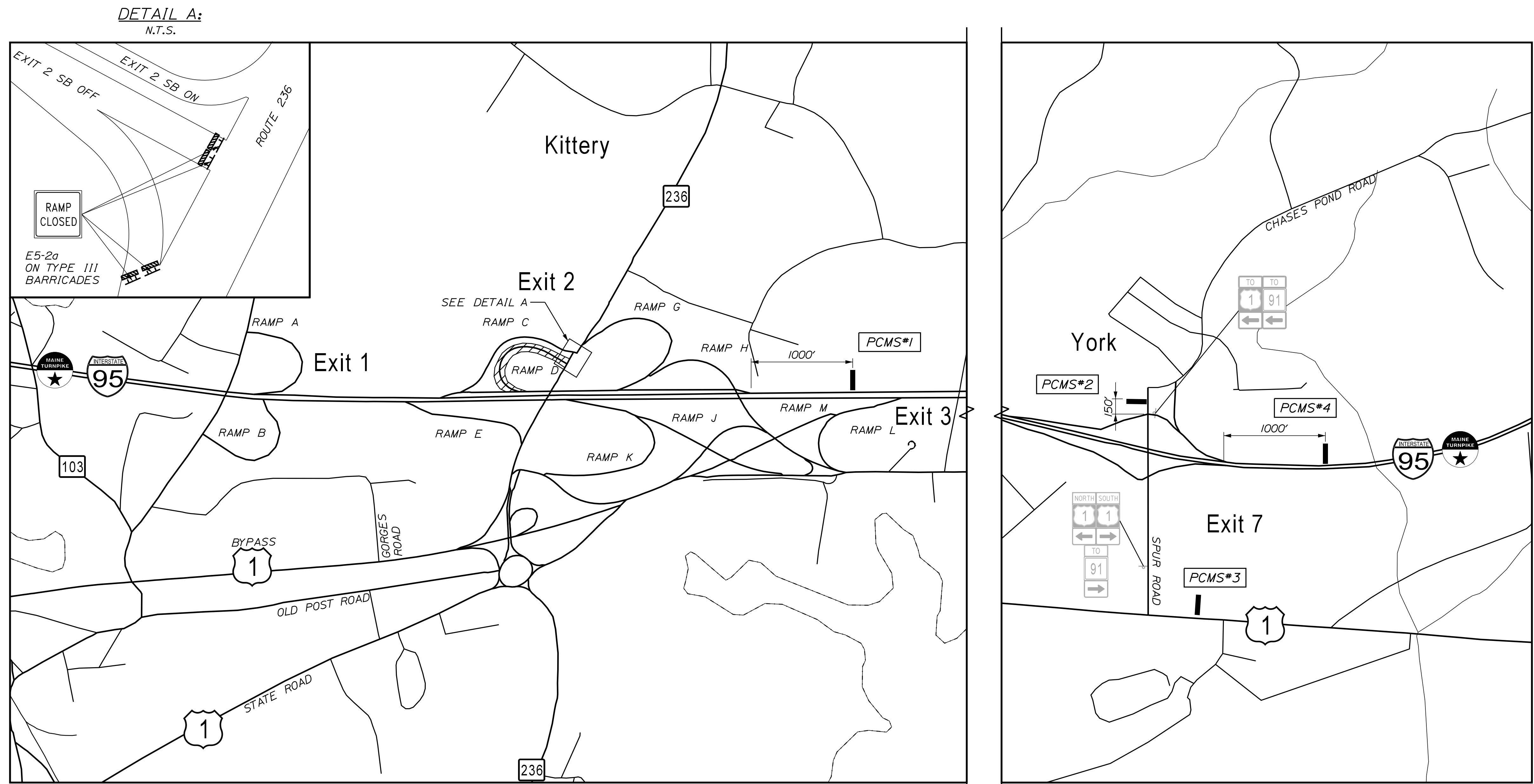
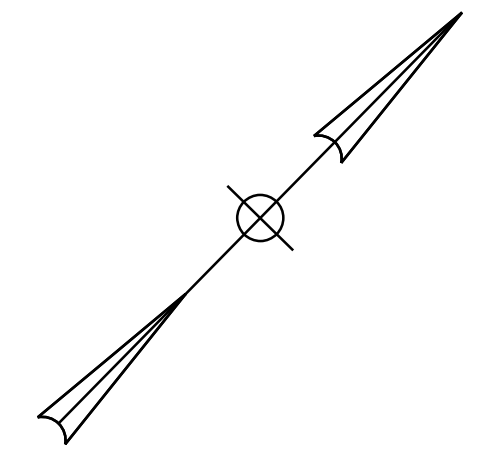
CONTRACT: 2024.01

SHEET NUMBER: MOT-8

14 OF 40

Date: 11/13/2023

Filename: ...MSTA_MOT_Ramp_Closure2.dgn



LEGEND:

- CLOSED RAMP
- PCMS

NOTES:

1. RAMP MAY BE CLOSED FOR NIGHTTIME WORK AFTER JUNE 15, 2024.
2. RAMP SHALL BE OPENED WHEN WORK IS NOT OCCURING.

ALL PCMS (1WEEK PRIOR TO CLOSURE)

- I-95 SB EXIT 2 TO CLOSE SCREEN 1
- XX/XX TO XX/XX SCREEN 2
- XX:XX PM TO XX:XX AM SCREEN 3

PCMS #1

- EXIT 2 RAMP CLOSED SCREEN 1

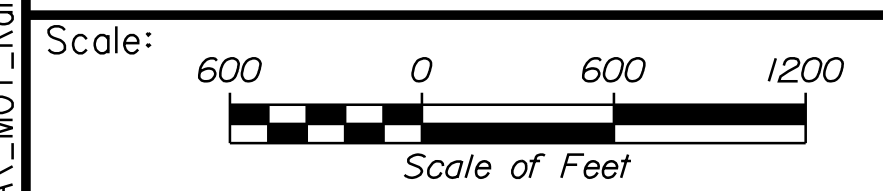
PCMS #2 & 3

- EXIT 2 S OFF RAMP CLOSED SCREEN 1
- USE ROUTE 1 SOUTH SCREEN 2

PCMS #4

- EXIT 2 S OFF RAMP CLOSED SCREEN 1
- USE EXIT 7 RTE 1 S SCREEN 2

PCMS MESSAGES



Designed by:

CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| No. | Revision | By | Date |
|-----|----------|----|------|
| | | | |

| | By | Date | | By | Date |
|----------|-----|-------|--------------|-----|-------|
| Designed | JRH | 10\23 | Checked | PLP | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

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 2211 CONGRESS STREET SUITE 380
 PORTLAND, ME 04102
 TEL (207) 887-3448
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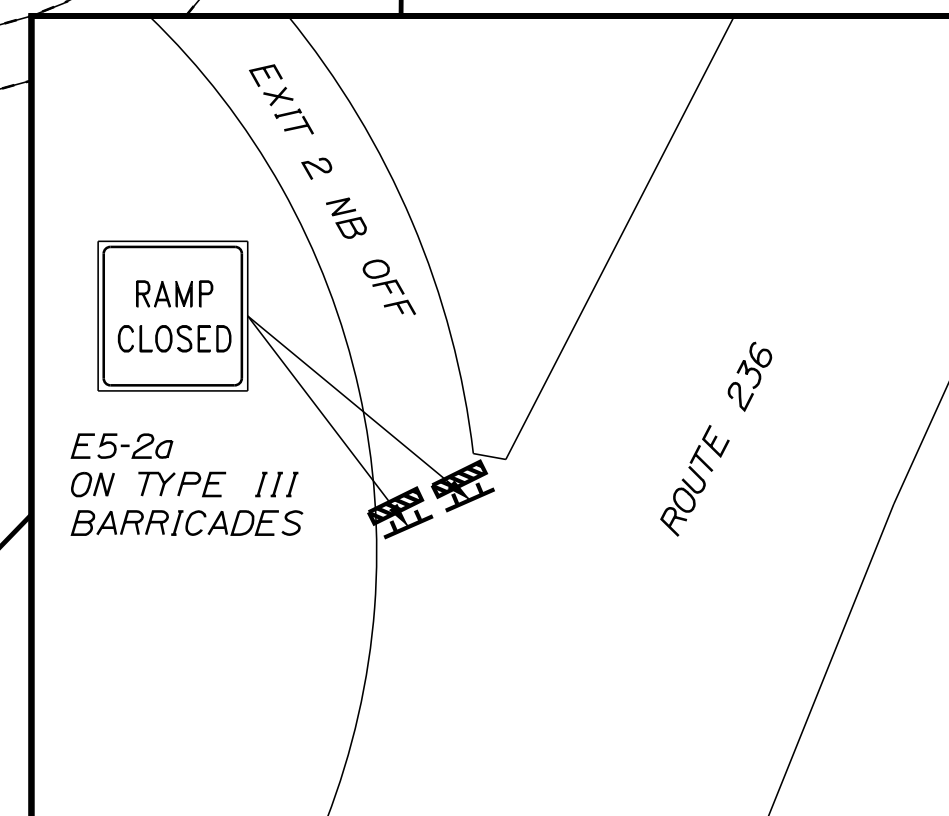
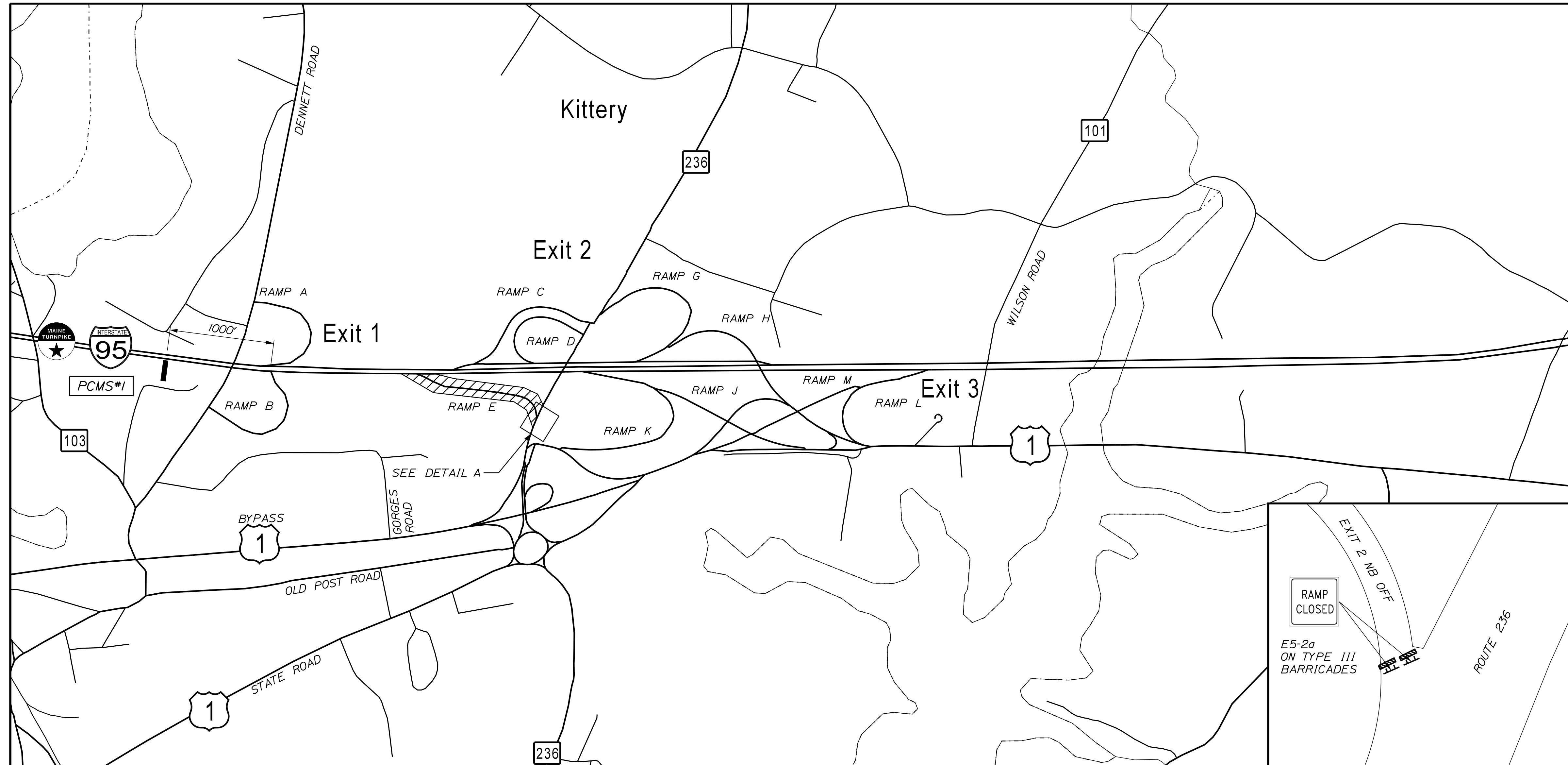
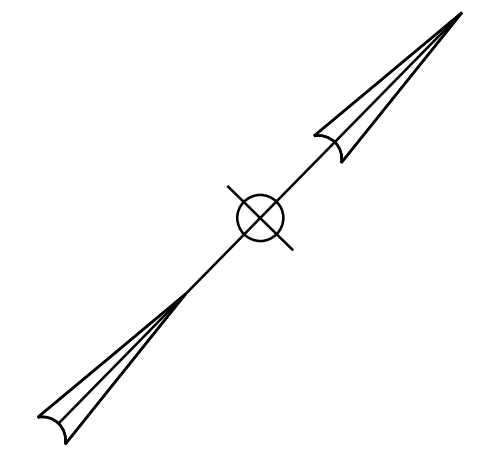
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

**PAVEMENT REHABILITATION
 EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
 MAINTENANCE OF TRAFFIC
 RAMP D CLOSURE PLAN**

SHEET NUMBER: MOT-9
 CONTRACT: 2024.01
 15 OF 40

Date: 11/13/2023



LEGEND:

- CLOSED RAMP
- PCMS

NOTES:

1. RAMP MAY BE CLOSED FOR NIGHTTIME WORK ONLY.
2. RAMP SHALL BE OPENED WHEN WORK IS NOT OCCURING.

ALL PCMS (1WEEK PRIOR TO CLOSURE)

I-95 NB
EXIT 2
TO CLOSE SCREEN 1

XX/XX
TO
XX/XX SCREEN 2

XX:XX PM
TO
XX:XX AM SCREEN 3

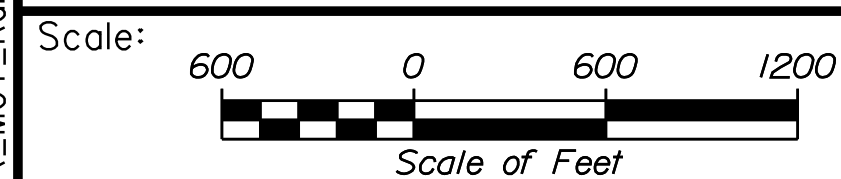
PCMS MESSAGES

PCMS #1

EXIT 2
RAMP
CLOSED SCREEN 1

USE
EXIT 3 SCREEN 2

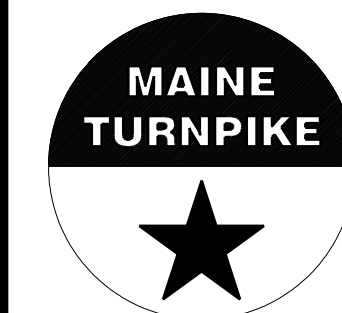
DETAIL A:
N.T.S.



Designed by:



STANTEC CONSULTING SERVICES INC.
2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
TEL (207) 887-3448
FAX (207) 883-3376



**THE GOLD STAR
MEMORIAL HIGHWAY**

**PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
RAMP E CLOSURE PLAN**

| No. | Revision | By | Date |
|-----|----------|----|------|
| | | | |
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| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
|---|-----|-------|--------------|-----|-------|
| | By | Date | | By | Date |
| Designed | JRH | 10\23 | Checked | PLP | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

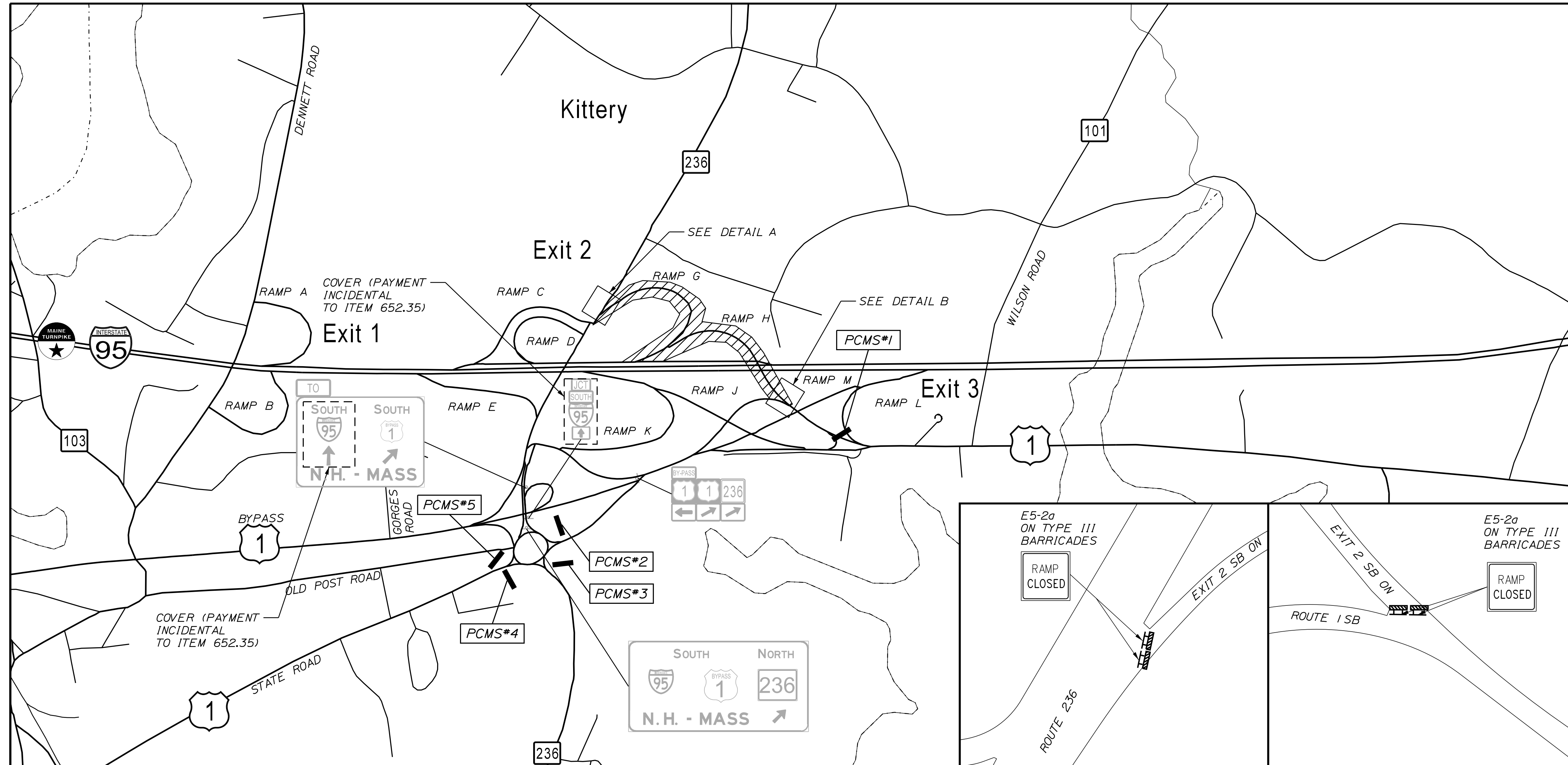
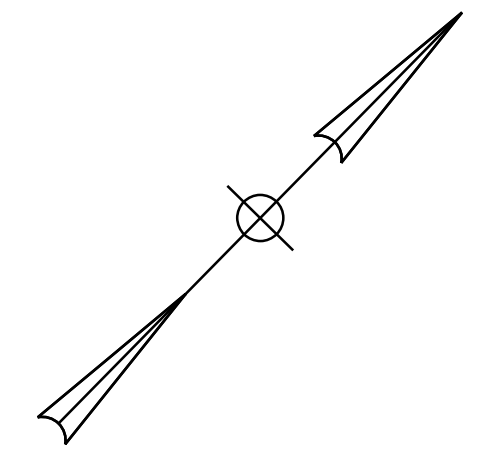
MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

CONTRACT: 2024.01

SHEET NUMBER: MOT-10
16 OF 40

Filename: ...MSTA\MOT_Ramp_Closure2.dgn

Date: 11/13/2023



LEGEND:

- CLOSED RAMP
- PCMS

NOTES:

1. RAMPS MAY BE CLOSED FOR NIGHTTIME WORK ONLY.
2. RAMPS SHALL BE OPENED WHEN WORK IS NOT OCCURING.

ALL PCMS (1 WEEK PRIOR TO CLOSURE)

- I-95 SB ON RAMP TO CLOSE SCREEN 1
- XX/XX TO XX/XX SCREEN 2
- XX:XX PM TO XX:XX AM SCREEN 3

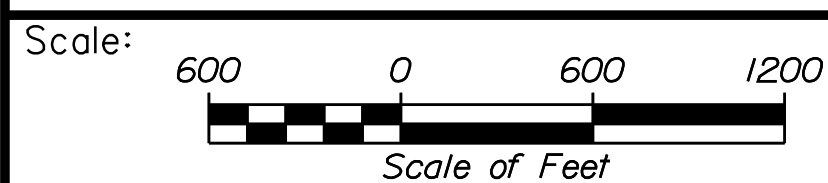
PCMS MESSAGES

PCMS #1-5

- I-95 SB ON RAMP CLOSED SCREEN 1
- USE SB ROUTE 1 BYPASS SCREEN 2

DETAIL A:
N.T.S.

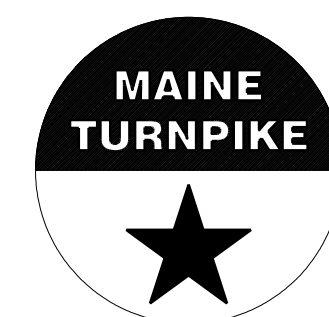
DETAIL B:
N.T.S.



Designed by:



STANTEC CONSULTING SERVICES INC.
2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
TEL (207) 887-3448
FAX (207) 883-3376



THE GOLD STAR MEMORIAL HIGHWAY

**PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
RAMP G & H CLOSURE PLAN**

Filename: ...MSTA_MOT_Ramp_Closure2.dgn

| No. | Revision | By | Date |
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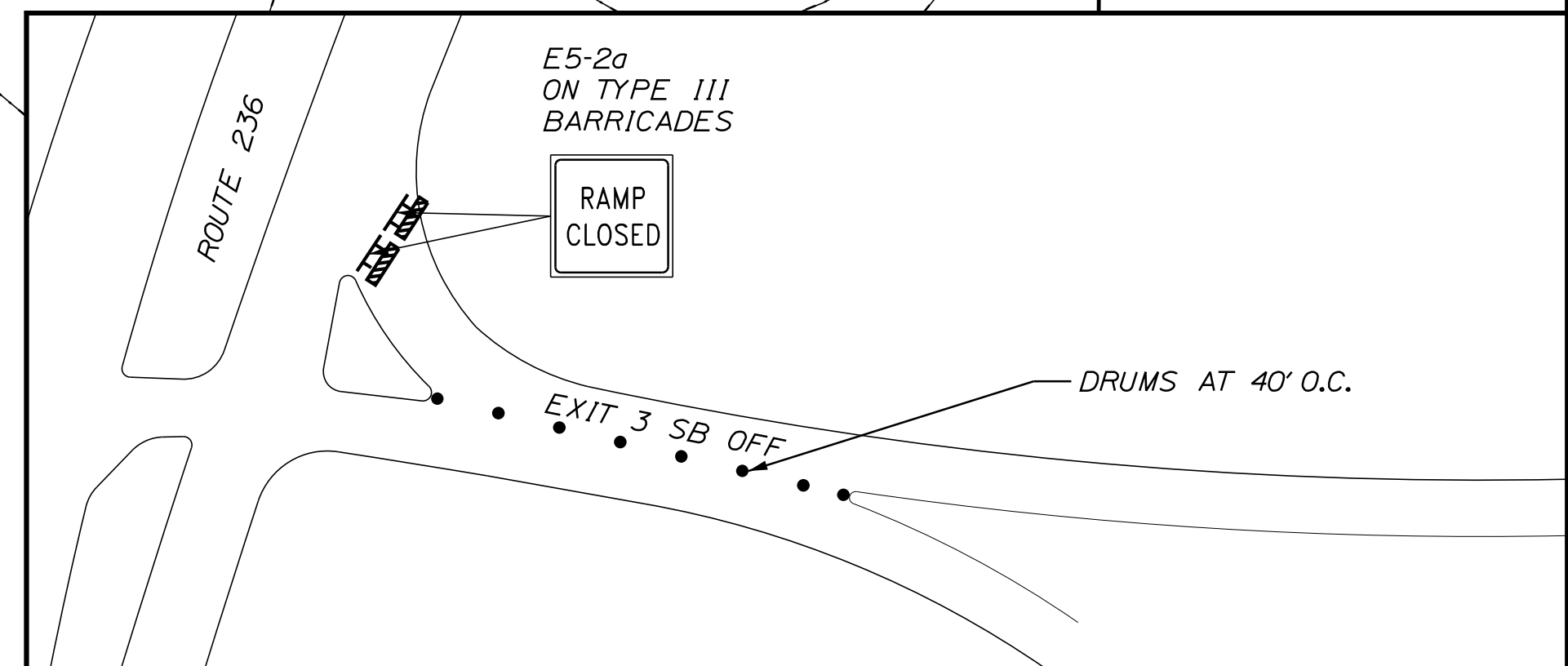
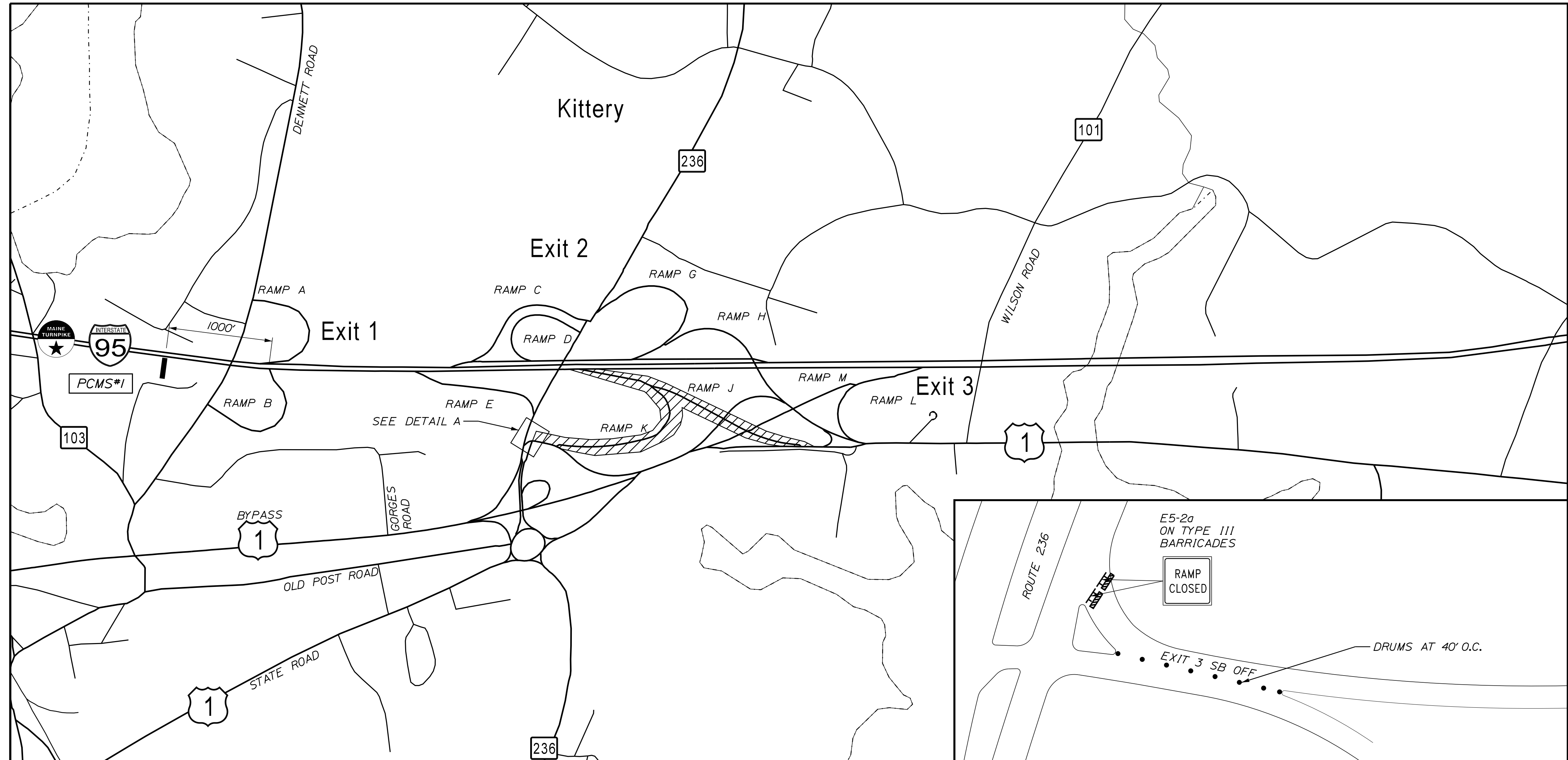
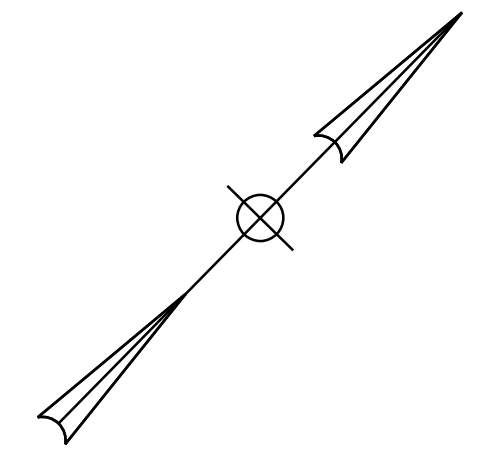
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
|---|-----|-------|--------------|-----|-------|
| | By | Date | | By | Date |
| Designed | JRH | 10\23 | Checked | PLP | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

CONTRACT: 2024.01

SHEET NUMBER: MOT-11
17 OF 40

Date: 11/13/2023



LEGEND:

- CLOSED RAMP
- PCMS

NOTES:

1. RAMPS MAY BE CLOSED FOR DAYTIME WORK AS NOTED IN THE SPECIAL PROVISIONS OTHERWISE WORK SHALL OCCUR AT NIGHTTIME.
2. RAMPS SHALL BE OPENED WHEN WORK IS NOT OCCURRING.

ALL PCMS (1WEEK PRIOR TO CLOSURE)

I-95 NB
EXIT 3
TO CLOSE SCREEN 1

XX/XX
TO
XX/XX SCREEN 2

XX:XX PM
TO
XX:XX AM SCREEN 3

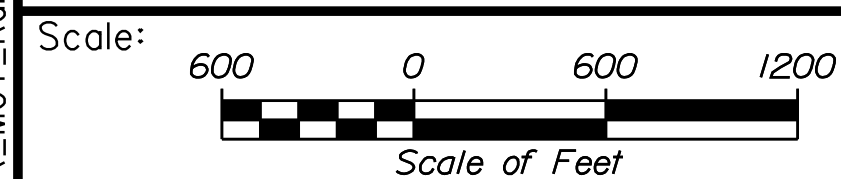
PCMS MESSAGES

PCMS #1

EXIT 3
RAMP
CLOSED SCREEN 1

USE
EXIT 2 SCREEN 2

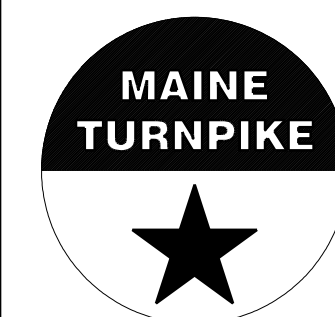
DETAIL A:
N.T.S.



Designed by:



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FAX (207) 883-3376



**THE GOLD STAR
MEMORIAL HIGHWAY**

**PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
RAMP J & K CLOSURE PLAN**

Filename: ...MSTA\MOT_Ramp_Closure2.dgn

| No. | Revision | By | Date |
|-----|----------|----|------|
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| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
|---|-----|-------|--------------|-----|-------|
| | By | Date | | By | Date |
| Designed | JRH | 10\23 | Checked | PLP | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

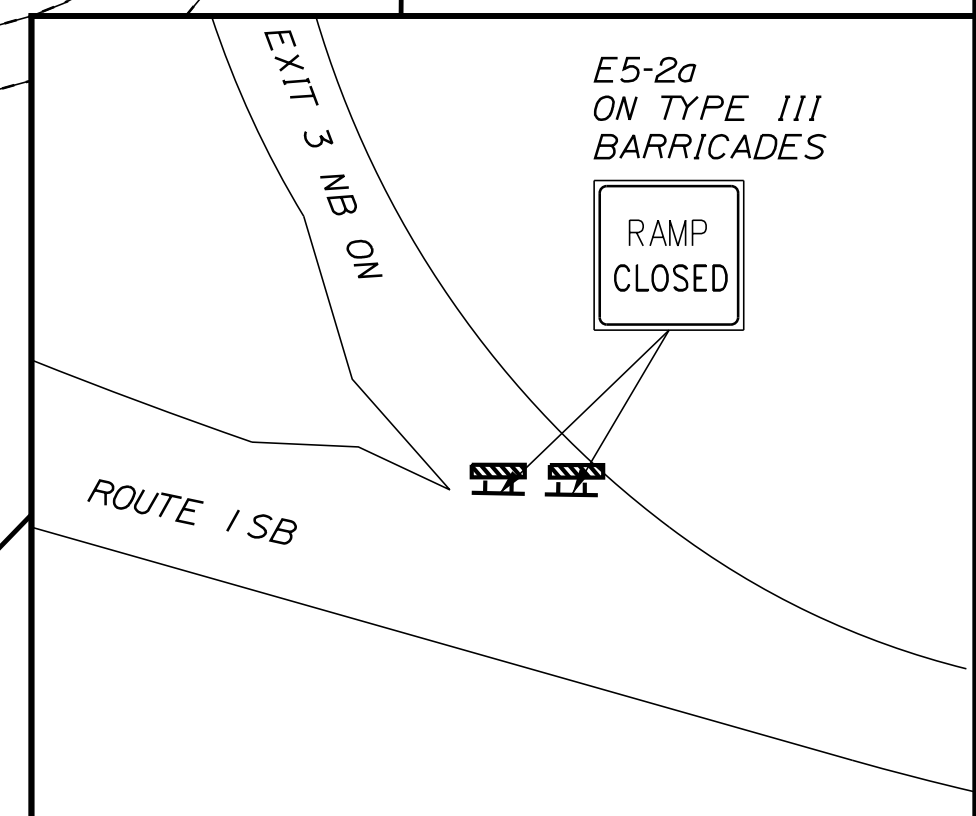
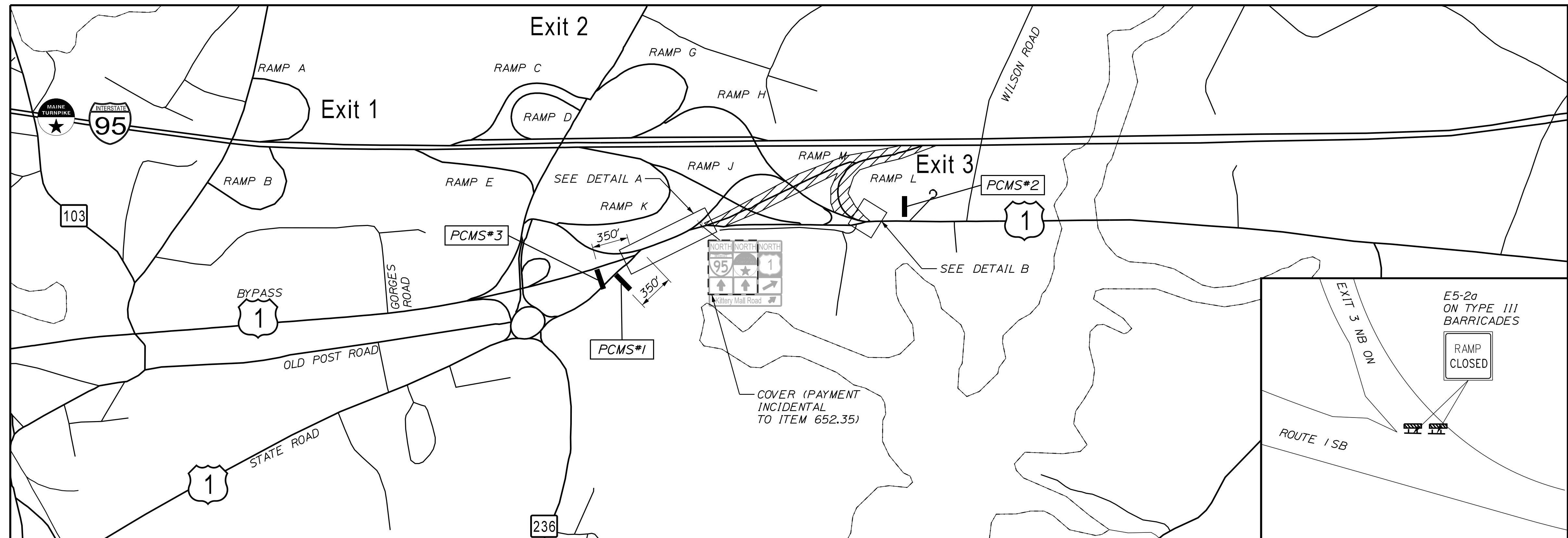
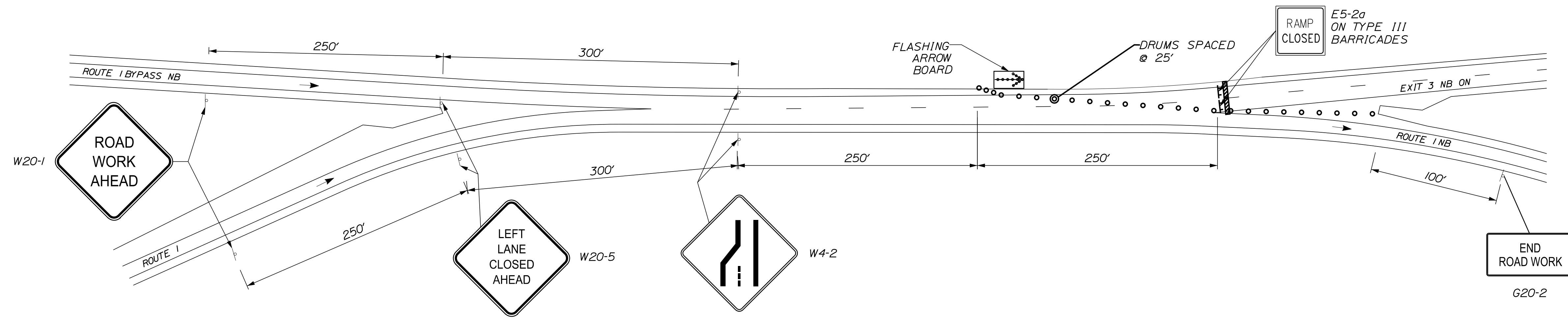
MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

CONTRACT: 2024.01

SHEET NUMBER: MOT-12
18 OF 40

Date: 11/13/2023

Filename: ...MSTA_MOT_Ramp_Closure2.dgn



LEGEND:

- CLOSED RAMP
- PCMS

NOTES:

1. RAMPS MAY BE CLOSED FOR NIGHTTIME WORK ONLY.
2. RAMPS SHALL BE OPENED WHEN WORK IS NOT OCCURRING.

ALL PCMS (1 WEEK PRIOR TO CLOSURE)

I-95 NB RAMP TO CLOSE SCREEN 1

XX/XX TO XX/XX SCREEN 2

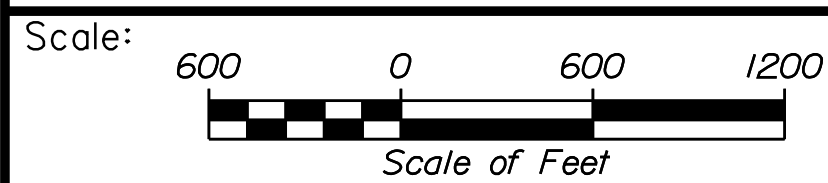
XX:XX PM TO XX:XX AM SCREEN 3

PCMS MESSAGES

PCMS #1, #2, #3

I-95 NB RAMP CLOSED SCREEN 1

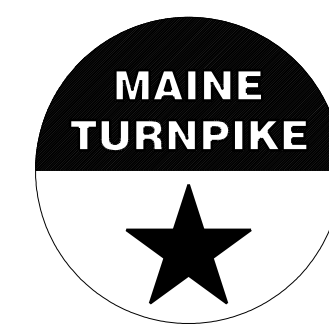
USE ROUTE 1 SCREEN 2



Designed by:



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PORTLAND, ME 04102
TEL (207) 887-3448
FAX (207) 883-3376



THE GOLD STAR MEMORIAL HIGHWAY

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
RAMP M & L CLOSURE PLAN

CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| No. | Revision | By | Date | By | Date |
|----------|----------|-----|-------|--------------|-----------|
| Designed | | JRH | 10\23 | Checked | PLP 10\23 |
| Drawn | | CHL | 10\23 | In Charge of | LEM 10\23 |











MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC









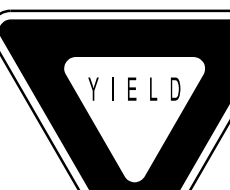

CONTRACT: 2024.01

SHEET NUMBER: MOT-13
19 OF 40

Date: 11/13/2023

Filename: ...MSTA_MOTSignSummary.dgn

| MUTCD NUMBER | SIZE OF SIGN | | TEXT | COLOR | | TEXT DIMENSIONS | | | NUMBER OF SIGNS REQUIRED | SIGN AREA (SQ. FEET) | |
|--------------|--------------|--------|---|-------------|---------------|---|------------------|--------------|--------------------------|----------------------|------------|
| | WIDTH | HEIGHT | | BACK-GROUND | LEGEND BORDER | LETTER HEIGHT | VERTICAL SPACING | SHIELD/ARROW | | NOM. AREA | TOTAL AREA |
| CS-3 | 48" | 48" |  | ORANGE | BLACK | TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" | | | 6 | 16.00 | 128.00 |
| CS-4 | 48" | 48" |  | ORANGE | BLACK | | | | 2 | 16.00 | 32.00 |
| CS-10 | 48" | 48" |  | ORANGE | BLACK | | | | 4 | 16.00 | 64.00 |
| CS-11 | 48" | 48" |  | ORANGE | BLACK | | | | 6 | 16.00 | 96.00 |
| CS-33 | 96" | 36" |  | ORANGE | BLACK | | | | 4 | 24.00 | 96.00 |
| E5-1 | 48" | 36" |  | GREEN | WHITE | | | | 2 | 12.00 | 24.00 |
| E5-2 | 48" | 36" |  | ORANGE | BLACK | | | | 2 | 12.00 | 24.00 |
| E5-2a | 48" | 36" |  | ORANGE | BLACK | | | | 12 | 12.00 | 144.00 |
| G20-2 | 48" | 24" |  | ORANGE | BLACK | | | | 16 | 8.00 | 112.00 |
| G20-5aP | 48" | 24" |  | ORANGE | BLACK | | | | 20 | 8.00 | 160.00 |

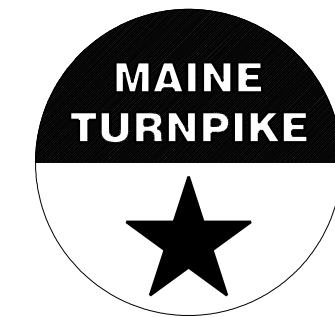
| MUTCD NUMBER | SIZE OF SIGN | | TEXT | COLOR | | TEXT DIMENSIONS | | | NUMBER OF SIGNS REQUIRED | SIGN AREA (SQ. FEET) | |
|------------------------------|--------------|--------|---|-------------|---------------|---|------------------|--------------|--------------------------|-------------------------|---------------------------|
| | WIDTH | HEIGHT | | BACK-GROUND | LEGEND BORDER | LETTER HEIGHT | VERTICAL SPACING | SHIELD/ARROW | | NOM. AREA | TOTAL AREA |
| M1-1 | 36" | 36" |  | RED/BLUE | WHITE | TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" | | | 10 | 9.00 | 90.00 |
| M3-1 | 24" | 12" |  | ORANGE | BLACK | | | | 1 | 2.00 | 2.00 |
| M4-5 | 24" | 12" |  | ORANGE | BLACK | | | | 3 | 2.00 | 6.00 |
| M4-8 | 24" | 12" |  | ORANGE | BLACK | | | | 5 | 2.00 | 10.00 |
| M6-1(L) | 21" | 15" |  | ORANGE | BLACK | | | | 3 | 2.19 | 6.57 |
| M6-2(R) | 21" | 15" |  | ORANGE | BLACK | | | | 1 | 2.19 | 2.19 |
| M6-3 | 21" | 15" |  | ORANGE | BLACK | | | | 1 | 2.19 | 2.19 |
| R1-1 | 48" | 48" |  | RED | WHITE | | | | 2 | 16.00 | 32.00 |
| R1-2 | 60" | 60" |  | RED | WHITE | | | | 2 | 12.50 | 25.00 |
| R2-1 (35) (50) (60) | 48" | 60" |  | WHITE | BLACK | | | | 1 16 8 | 20.00 20.00 20.00 | 20.00 320.00 160.00 |

Scale: NOT TO SCALE

Designed by:



STANTEC CONSULTING SERVICES INC.
2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
TEL (207) 887-3448
FAX (207) 883-3376



THE GOLD STAR
MEMORIAL HIGHWAY

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
SIGN SUMMARY (1 OF 3)

| No. | Revision | By | Date |
|-----|----------|----|------|
| | | | |

| | | | | | |
|---|-----------|--------------|-----------|----|------|
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
| By | Date | By | Date | By | Date |
| Designed | JRH 10\23 | Checked | LEM 10\23 | | |
| Drawn | CHL 10\23 | In Charge of | LEM 10\23 | | |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

CONTRACT: 2024.01

SHEET NUMBER: MT-01
20 OF 40

Date: 11/13/2023

Filename: ...MSTA_MOTSignSummary.dgn

| MUTCD NUMBER | SIZE OF SIGN | | TEXT | COLOR | | TEXT DIMENSIONS | | | NUMBER OF SIGNS REQUIRED | SIGN AREA (SQ. FEET) | |
|----------------|--------------|--------|------|--------------|---------------|---|------------------|--------------|--------------------------|----------------------|------------|
| | WIDTH | HEIGHT | | BACK-GROUND | LEGEND BORDER | LETTER HEIGHT | VERTICAL SPACING | SHIELD/ARROW | | NOM. AREA | TOTAL AREA |
| R2-6aP | 48" | 24" | | ORANGE | BLACK | TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" | | | 16 | 8.00 | 128.00 |
| R2-12 | 36" | 54" | | ORANGE | BLACK | | | | 12 | 13.5 | 162.00 |
| W3-1 | 48" | 48" | | ORANGE | BLACK | | | | 2 | 16.00 | 32.00 |
| W3-2 | 48" | 48" | | ORANGE | BLACK | | | | 2 | 16.00 | 32.00 |
| W3-4 | 48" | 48" | | ORANGE | BLACK | | | | 4 | 16.00 | 64.00 |
| W3-5 (50) (60) | 48" | 48" | | ORANGE/WHITE | BLACK | | | | 12 12 | 16.00 16.00 | 192 192 |
| W4-1 | 48" | 48" | | ORANGE | BLACK | | | | 2 | 16.00 | 32.00 |
| W4-2L | 48" | 48" | | ORANGE | BLACK | | | | 16 | 16.00 | 256.00 |
| W4-2R | 48" | 48" | | ORANGE | BLACK | | | | 12 | 16.00 | 192.00 |
| W4-5p | 24" | 30" | | ORANGE | BLACK | TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" | | | 2 | 5.00 | 10.00 |

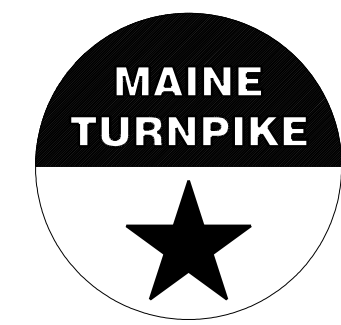
| MUTCD NUMBER | SIZE OF SIGN | | TEXT | COLOR | | TEXT DIMENSIONS | | | NUMBER OF SIGNS REQUIRED | SIGN AREA (SQ. FEET) | |
|---------------------------|--------------|--------|------|-------------|---------------|---|------------------|--------------|--------------------------|----------------------|------------------|
| | WIDTH | HEIGHT | | BACK-GROUND | LEGEND BORDER | LETTER HEIGHT | VERTICAL SPACING | SHIELD/ARROW | | NOM. AREA | TOTAL AREA |
| W7-3aP (1 MILE) (6 MILES) | 36" | 30" | | ORANGE | BLACK | | | | 8 2 | 7.50 7.50 | 60.00 15.00 |
| W8-1 | 48" | 48" | | ORANGE | BLACK | | | | 12 | 16.00 | 192.00 |
| W8-11 | 48" | 48" | | ORANGE | BLACK | | | | 4 | 16.00 | 64.00 |
| W8-15 | 48" | 48" | | ORANGE | BLACK | | | | 21 | 16.00 | 336.00 |
| W8-15P | 30" | 24" | | ORANGE | BLACK | | | | 21 | 5.00 | 105.00 |
| W8-24a | 48" | 48" | | ORANGE | BLACK | | | | 8 | 16.00 | 128.00 |
| W13-4p | 36" | 36" | | ORANGE | BLACK | | | | 10 | 9.00 | 90.00 |
| W16-4P | 36" | 30" | | ORANGE | BLACK | | | | 10 | 7.50 | 75.00 |
| W16-9p | 24" | 12" | | ORANGE | BLACK | | | | 2 | 2.00 | 4.00 |
| W20-1 (AHEAD) (1 MILE) | 48" | 48" | | ORANGE | BLACK | TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS" | | | 26 16 | 16.00 16.00 | 416.00 256.00 |

Scale: NOT TO SCALE

Designed by:



STANTEC CONSULTING SERVICES INC.
2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
TEL (207) 887-3448
FAX (207) 883-3376



THE GOLD STAR
MEMORIAL HIGHWAY

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
SIGN SUMMARY (2 OF 3)

| No. | Revision | By | Date |
|-----|----------|----|------|
| | | | |

| | | | | | |
|---|-----|-------|--------------|-----|-------|
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
| Designed | By | Date | Checked | By | Date |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

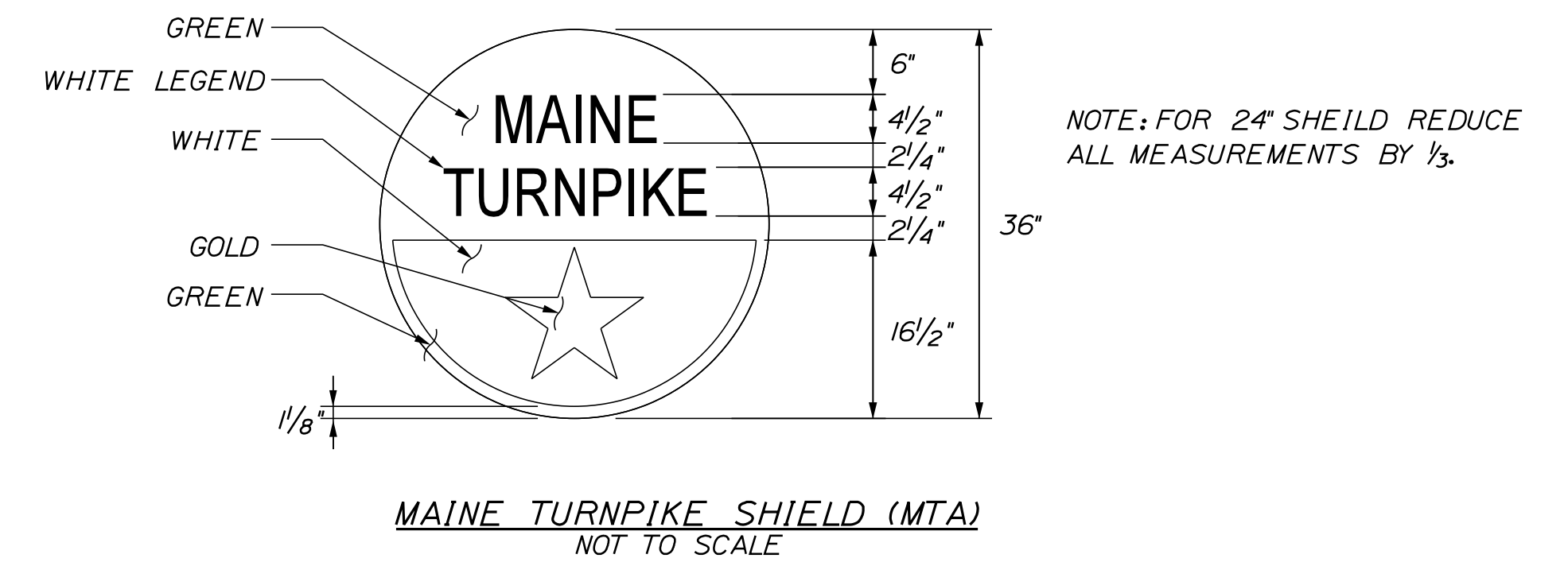
CONTRACT: 2024.01

SHEET NUMBER: MT-01
21 OF 40

Date: 11/13/2023

| MUTCD NUMBER | SIZE OF SIGN | | TEXT | COLOR | | TEXT DIMENSIONS | | | | | NUMBER OF SIGNS REQUIRED | SIGN AREA (SQ. FEET) | |
|---------------------------|--------------|--------|------|-------------|---------------|-----------------|------------------|--------------|-----------|------------|--------------------------|----------------------|----------------|
| | WIDTH | HEIGHT | | BACK-GROUND | LEGEND BORDER | LETTER HEIGHT | VERTICAL SPACING | SHIELD/ARROW | NOM. AREA | TOTAL AREA | | | |
| W20-4 | 48" | 48" | | ORANGE | BLACK | | | | | | 2 | 16.00 | 32.00 |
| W20-5L (AHEAD) (1/2 MILE) | 48" | 48" | | ORANGE | BLACK | | | | | | 4 4 | 16.00 16.00 | 64 64 |
| W20-5aL (1/2 MILE) | 48" | 48" | | ORANGE | BLACK | | | | | | 4 | 16.00 | 64.00 |
| W20-5aR (1/2 MILE) | 48" | 48" | | ORANGE | BLACK | | | | | | 4 | 16.00 | 64.00 |
| W20-5R (AHEAD) (1/2 MILE) | 48" | 48" | | ORANGE | BLACK | | | | | | 2 2 | 16.00 16.00 | 32.00 32.00 |
| W20-7 | 48" | 48" | | ORANGE | BLACK | | | | | | 2 | 16.00 | 32.00 |
| W21-5 | 48" | 48" | | ORANGE | BLACK | | | | | | 6 | 16.00 | 96.00 |
| W21-5a (LEFT) (RIGHT) | 48" | 48" | | ORANGE | BLACK | | | | | | 2 2 | 16.00 16.00 | 32.00 32.00 |
| W21-5b (LEFT) (RIGHT) | 48" | 48" | | ORANGE | BLACK | | | | | | 2 2 | 16.00 16.00 | 32.00 32.00 |

| MUTCD NUMBER | SIZE OF SIGN | | TEXT | COLOR | | TEXT DIMENSIONS | | | | | NUMBER OF SIGNS REQUIRED | SIGN AREA (SQ. FEET) | |
|--------------|--------------|--------|------|-------------|---------------|-----------------|------------------|--------------|-----------|------------|--------------------------|----------------------|-------|
| | WIDTH | HEIGHT | | BACK-GROUND | LEGEND BORDER | LETTER HEIGHT | VERTICAL SPACING | SHIELD/ARROW | NOM. AREA | TOTAL AREA | | | |
| LOGO S | 36" | 36" | | | | | | | | | 9 | 9.00 | 81.00 |



NOTES:

1. SIGN SUMMARY SHEETS INCLUDE SIGNS REQUIRED FOR SPRUCE CREEK BRIDGE WORK.

Filename: ...MSTA_MOTSignSummary.dgn

Scale: NOT TO SCALE

| No. | Revision | By | Date |
|-----|----------|----|------|
| | | | |

Designed by:

CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| By | Date | By | Date |
|----------|-----------|--------------|-----------|
| Designed | JRH 10\23 | Checked | LEM 10\23 |
| Drawn | CHL 10\23 | In Charge of | LEM 10\23 |

STANTEC CONSULTING SERVICES INC.
2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
TEL (207) 887-3448
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THE GOLD STAR MEMORIAL HIGHWAY

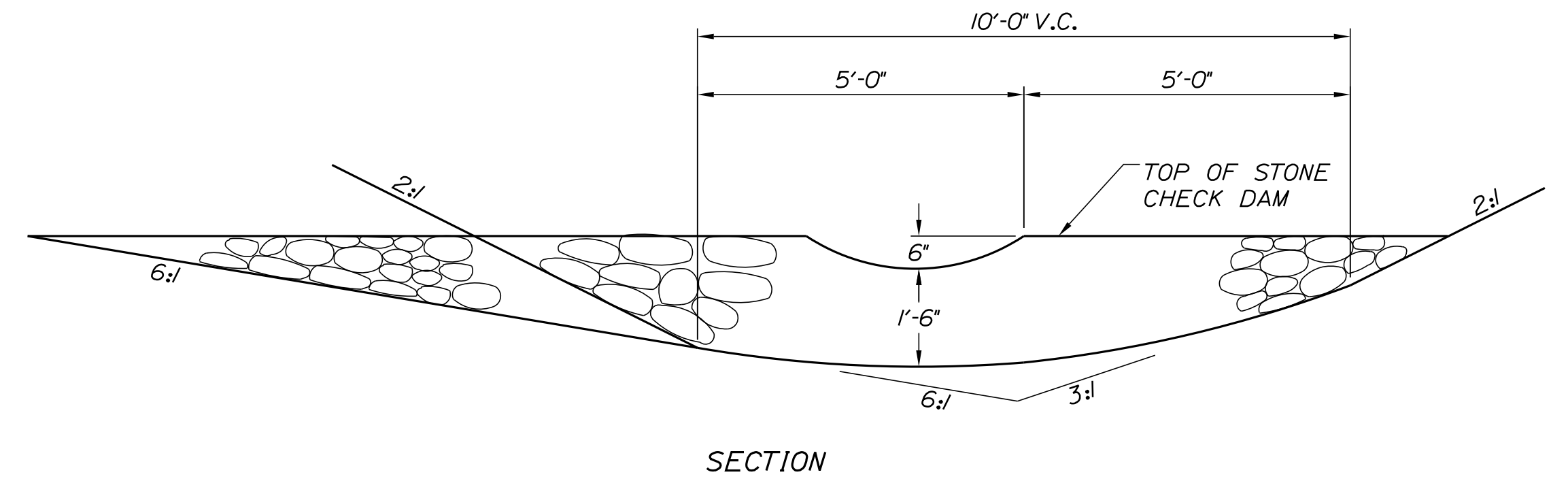
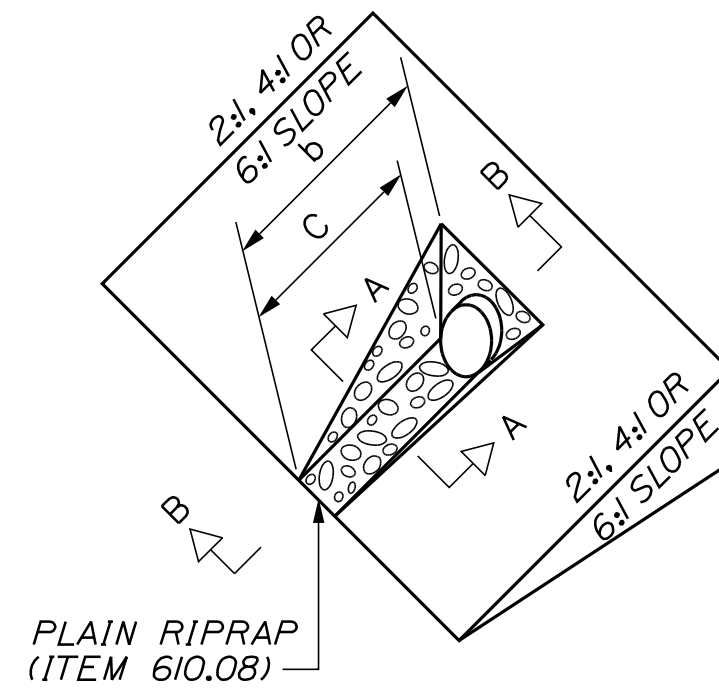
MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
MAINTENANCE OF TRAFFIC
SIGN SUMMARY (3 OF 3)

SHEET NUMBER: MT-01
CONTRACT: 2024.01
22 OF 40

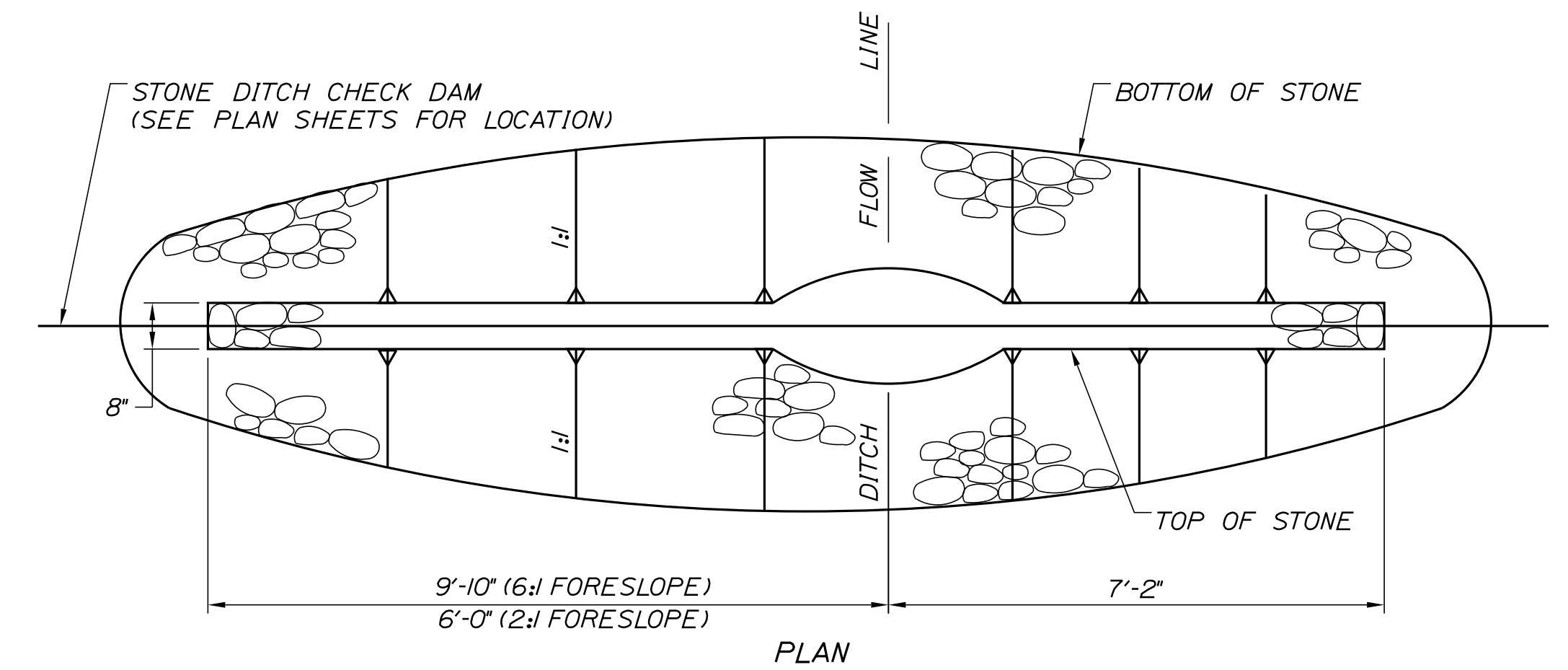
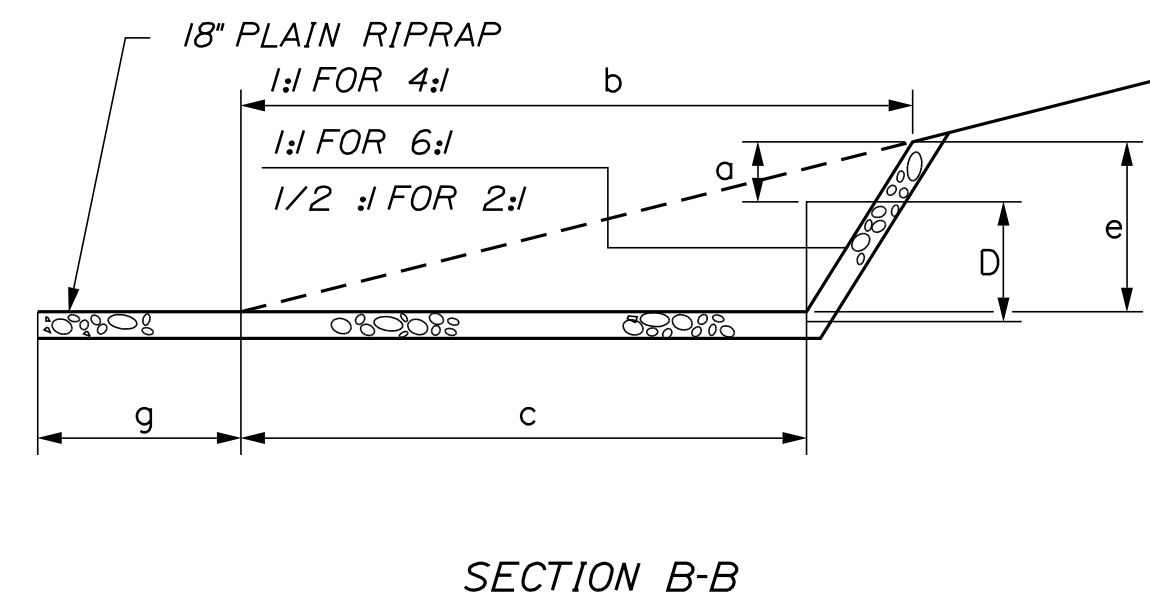
DIMENSIONS FOR SLOPE OF 2:1

| D | a (FT) | b (FT) | c (FT) | e (FT) | f (FT) | g (FT) | STONE DEPTH (FT) | STONE (CY) |
|-----|--------|--------|--------|--------|--------|--------|------------------|------------|
| 12" | 1.00 | 4.00 | 3.00 | 2.00 | 6.00 | 1.00 | 1.50 | 1.30 |
| 15" | 1.00 | 4.50 | 3.37 | 2.25 | 6.75 | 1.63 | 1.50 | 1.70 |
| 18" | 1.00 | 5.00 | 3.75 | 2.50 | 7.50 | 2.25 | 1.50 | 2.09 |
| 21" | 1.00 | 5.50 | 4.13 | 2.75 | 8.25 | 2.88 | 1.50 | 2.58 |
| 24" | 1.00 | 6.00 | 4.50 | 3.00 | 9.00 | 3.50 | 1.50 | 3.12 |
| 30" | 1.00 | 7.00 | 5.25 | 3.50 | 10.50 | 4.75 | 1.50 | 4.33 |
| 36" | 1.00 | 8.00 | 6.00 | 4.00 | 12.00 | 6.00 | 1.50 | 5.75 |
| 42" | 1.00 | 9.00 | 6.75 | 4.50 | 13.50 | 7.25 | 1.50 | 7.37 |
| 48" | 1.00 | 10.00 | 7.50 | 5.00 | 15.00 | 8.50 | 1.50 | 9.18 |
| 54" | 1.00 | 11.00 | 8.25 | 5.50 | 16.50 | 9.75 | 1.50 | 11.19 |
| 60" | 1.00 | 12.00 | 9.00 | 6.00 | 18.00 | 11.00 | 1.50 | 13.40 |
| 66" | 1.00 | 13.00 | 9.75 | 6.50 | 19.50 | 12.25 | 1.50 | 15.81 |
| 72" | 1.00 | 14.00 | 10.50 | 7.00 | 21.00 | 13.50 | 1.50 | 18.41 |
| 84" | 1.00 | 16.00 | 12.00 | 8.00 | 24.00 | 16.00 | 1.50 | 24.22 |



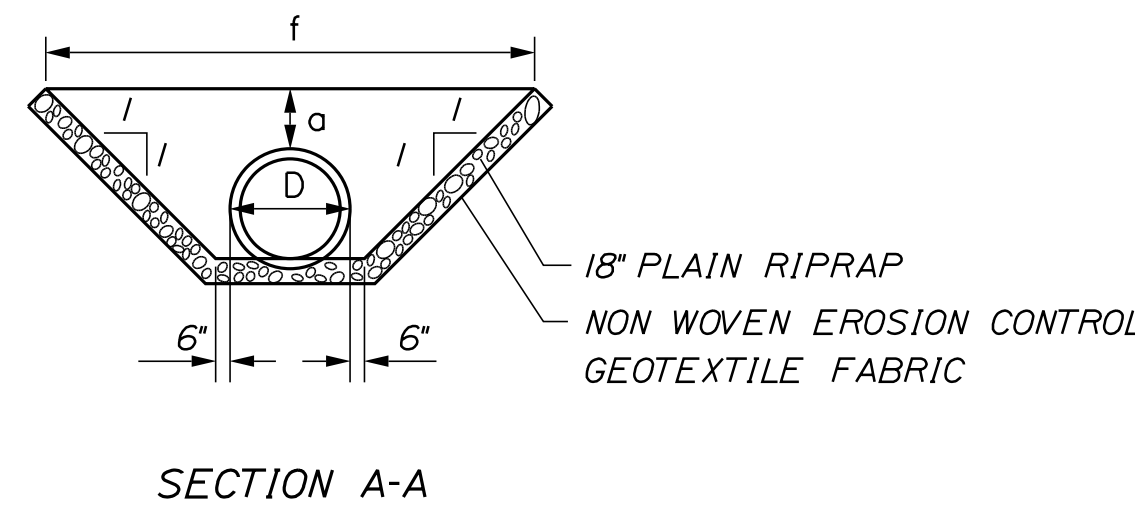
DIMENSIONS FOR SLOPE OF 4:1

| D | a (FT) | b (FT) | c (FT) | e (FT) | f (FT) | g (FT) | STONE DEPTH (FT) | STONE (CY) |
|-----|--------|--------|--------|--------|--------|--------|------------------|------------|
| 12" | 1.00 | 8.00 | 6.00 | 2.00 | 6.00 | 0.00 | 1.50 | 2.20 |
| 15" | 1.00 | 9.00 | 6.75 | 2.25 | 6.75 | 0.00 | 1.50 | 2.80 |
| 18" | 1.00 | 10.00 | 7.50 | 2.50 | 7.50 | 0.00 | 1.50 | 3.40 |
| 21" | 1.00 | 11.00 | 8.25 | 2.75 | 8.25 | 0.00 | 1.50 | 4.10 |
| 24" | 1.00 | 12.00 | 9.00 | 3.00 | 9.00 | 0.00 | 1.50 | 4.86 |
| 30" | 1.00 | 14.00 | 10.50 | 3.50 | 10.50 | 0.00 | 1.50 | 6.58 |
| 36" | 1.00 | 16.00 | 12.00 | 4.00 | 12.00 | 0.00 | 1.50 | 8.56 |
| 42" | 1.00 | 18.00 | 13.50 | 4.50 | 13.50 | 0.50 | 1.50 | 10.92 |
| 48" | 1.00 | 20.00 | 15.00 | 5.00 | 15.00 | 1.00 | 1.50 | 13.57 |
| 54" | 1.00 | 22.00 | 16.50 | 5.50 | 16.50 | 1.50 | 1.50 | 16.50 |
| 60" | 1.00 | 24.00 | 18.00 | 6.00 | 18.00 | 2.00 | 1.50 | 19.72 |
| 66" | 1.00 | 26.00 | 19.50 | 6.50 | 19.50 | 2.50 | 1.50 | 23.22 |
| 72" | 1.00 | 28.00 | 21.00 | 7.00 | 21.00 | 3.00 | 1.50 | 27.01 |
| 84" | 1.00 | 32.00 | 24.00 | 8.00 | 24.00 | 4.00 | 1.50 | 35.45 |



DIMENSIONS FOR SLOPE OF 6:1

| D | a (FT) | b (FT) | c (FT) | e (FT) | f (FT) | g (FT) | STONE DEPTH (FT) | STONE (CY) |
|-----|--------|--------|--------|--------|--------|--------|------------------|------------|
| 12" | 0.50 | 9.00 | 7.50 | 1.50 | 4.50 | 0.00 | 1.50 | 2.30 |
| 15" | 0.50 | 10.50 | 8.75 | 1.75 | 5.50 | 0.00 | 1.50 | 2.93 |
| 18" | 0.50 | 12.00 | 10.00 | 2.00 | 6.50 | 0.00 | 1.50 | 3.57 |
| 21" | 0.50 | 13.50 | 11.25 | 2.25 | 7.25 | 0.00 | 1.50 | 4.46 |
| 24" | 0.50 | 15.00 | 12.50 | 2.50 | 8.00 | 0.00 | 1.50 | 5.44 |
| 30" | 0.50 | 18.00 | 15.00 | 3.00 | 9.50 | 0.00 | 1.50 | 7.71 |
| 36" | 0.50 | 21.00 | 17.50 | 3.50 | 11.00 | 0.00 | 1.50 | 10.37 |
| 42" | 0.50 | 24.00 | 20.00 | 4.00 | 12.50 | 0.00 | 1.50 | 13.42 |
| 48" | 0.50 | 27.00 | 22.50 | 4.50 | 14.00 | 0.00 | 1.50 | 16.87 |
| 54" | 0.50 | 30.00 | 25.00 | 5.00 | 15.50 | 0.00 | 1.50 | 20.70 |
| 60" | 0.50 | 33.00 | 27.50 | 5.50 | 17.00 | 0.00 | 1.50 | 24.93 |
| 66" | 0.50 | 36.00 | 30.00 | 6.00 | 18.50 | 0.00 | 1.50 | 29.55 |
| 72" | 0.50 | 39.00 | 32.50 | 6.50 | 20.00 | 0.00 | 1.50 | 34.56 |
| 84" | 0.50 | 45.00 | 37.50 | 7.50 | 23.00 | 0.00 | 1.50 | 45.76 |



ROADWAY CULVERT END SLOPE TREATMENT

NOTES:
 1. THE DIMENSIONS SHOWN ARE APPROXIMATE AND MAY BE MODIFIED BY THE RESIDENT.
 2. STONE QUANTITIES ARE FOR ONE END OF THE PIPE.

| FORESLOPE | BACKSLOPE | QUANTITY C.Y. STONE |
|-----------|-----------|---------------------|
| 6:1 | 3:1 | 2.5 |
| 2:1 | 3:1 | 2.0 |

NOTES:
 1. STONE FOR TEMPORARY AND PERMANENT STONE CHECK DAMS SHALL MEET THE REQUIREMENTS OF MDOT SPECIFICATION 703.29, STONE DITCH PROTECTION.
 2. TEMPORARY STONE CHECK DAMS WILL BE PAID FOR UNDER ITEM 610.181.

STONE CHECK DAM

Date: 11/13/2023

Filename: ...:\00\HIGHWAY\MSTA\...Details.dgn

| Scale: NOT TO SCALE | | | |
|---------------------|----------|----|------|
| No. | Revision | By | Date |
| | | | |
| | | | |

| | | | |
|---|--------------|-------|-------|
| Designed by: | | | |
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | |
| | By | Date | |
| | JRH | 10\23 | |
| | Checked | LEM | 10\23 |
| | Drawn | CHL | 10\23 |
| | In Charge of | LEM | 10\23 |

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 2211 CONGRESS STREET SUITE 380
 PORTLAND, ME 04102
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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

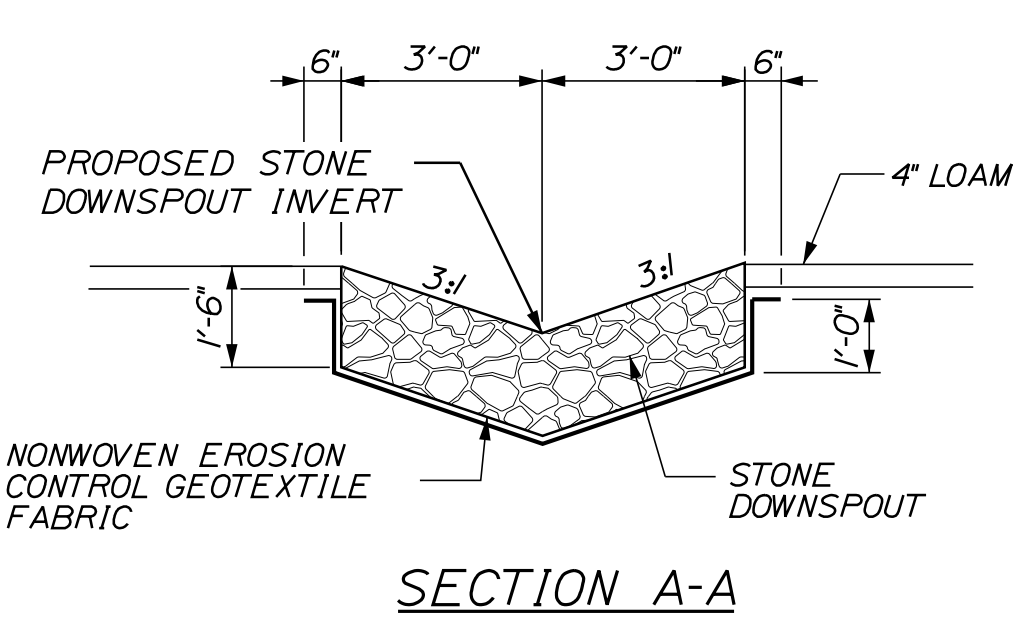
PAVEMENT REHABILITATION
 EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
 DRAINAGE DETAILS
 (1 OF 2)

SHEET NUMBER: DT-01
 23 OF 40

CONTRACT: 2024.01

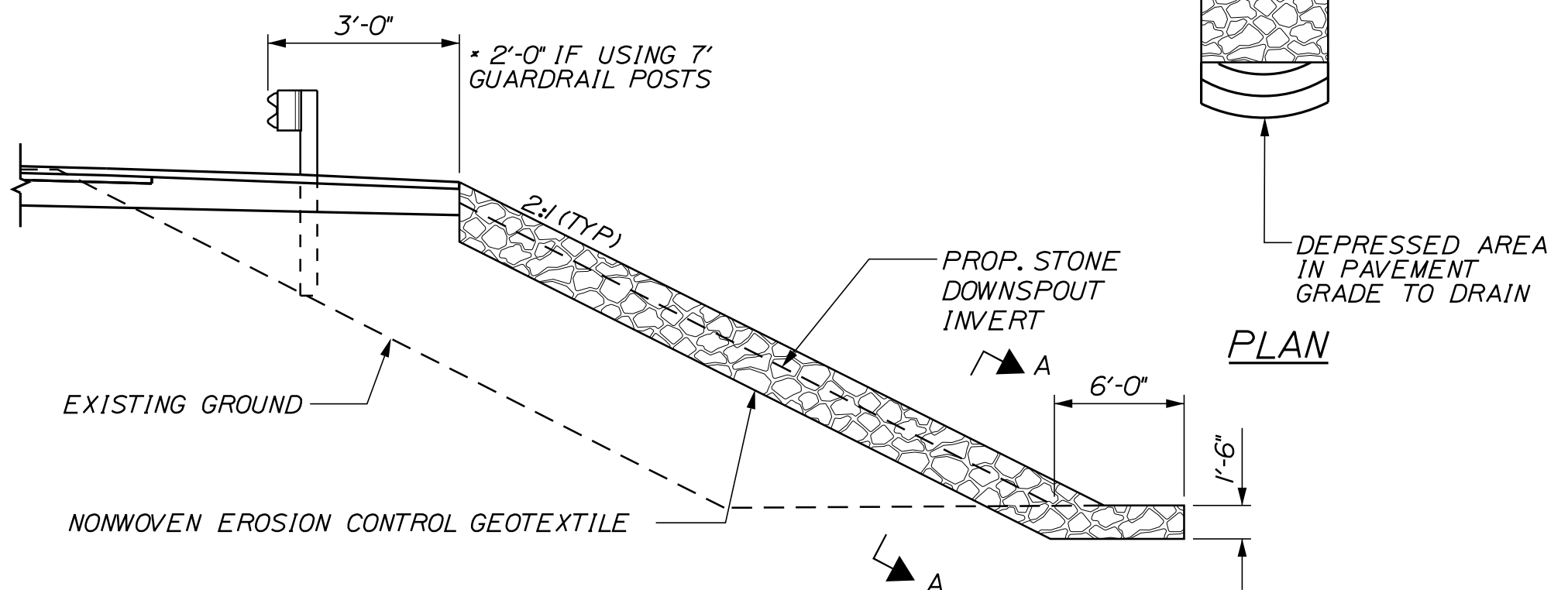
Date: 11/13/2023

Filename: ...000\HIGHWAY\MSTA\...Details.dgn

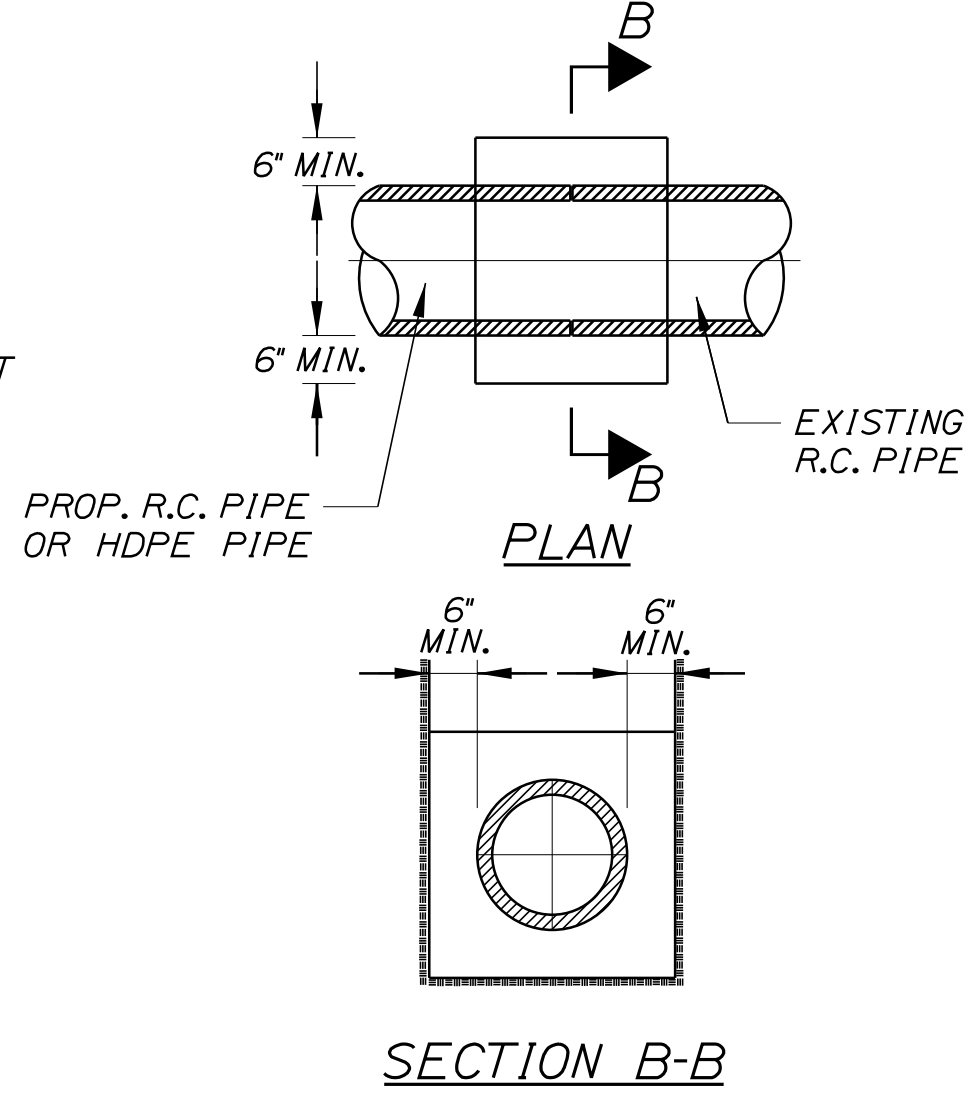


1 LF OF DOWNSPOUT = 0.33 CY OF PLAIN RIPRAP
 1 LF OF DOWNSPOUT = 1.04 SY OF EROSION CONTROL GEOTEXTILE FABRIC

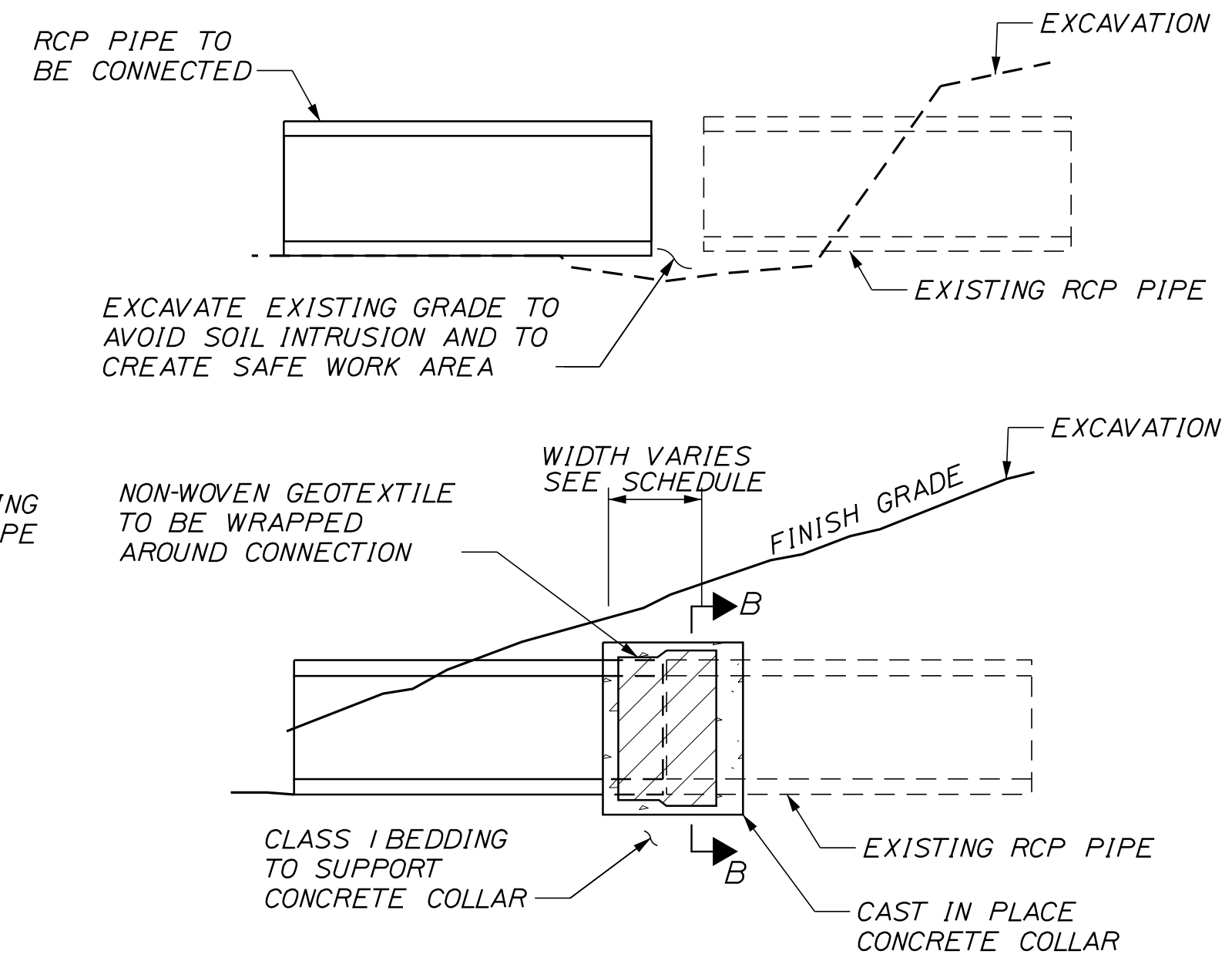
- NOTES:**
1. STONE FOR STONE DOWNSPOUTS SHALL MEET THE REQUIREMENTS OF MAINE DOT SPECIFICATION 703.29 AND WILL BE PAID FOR UNDER ITEM 610.08. PLAIN RIPRAP.
 2. CURBING MUST BE IN PLACE PRIOR TO GUARDRAIL INSTALLATION.



STONE DOWNSPOUT



SECTION B-B

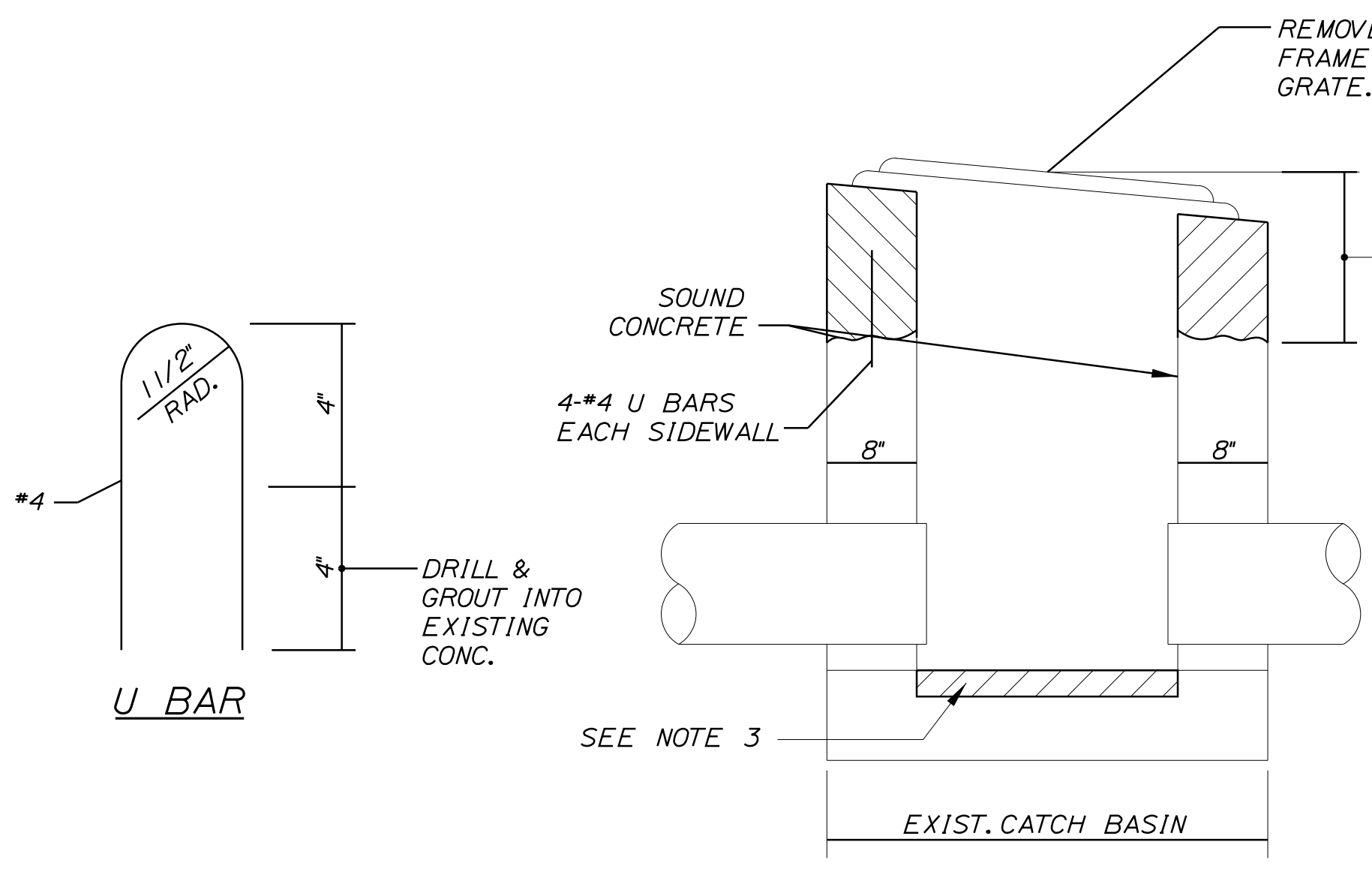


CONCRETE COLLAR FOR REINFORCED CONCRETE PIPES

CONCRETE COLLAR WIDTH SCHEDULE

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

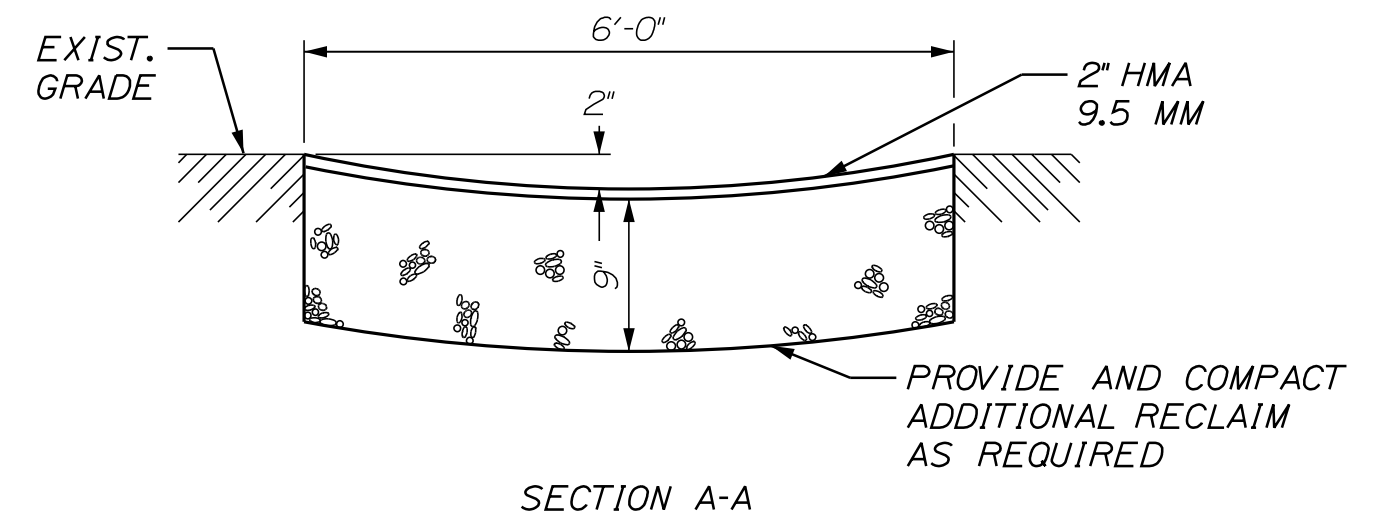
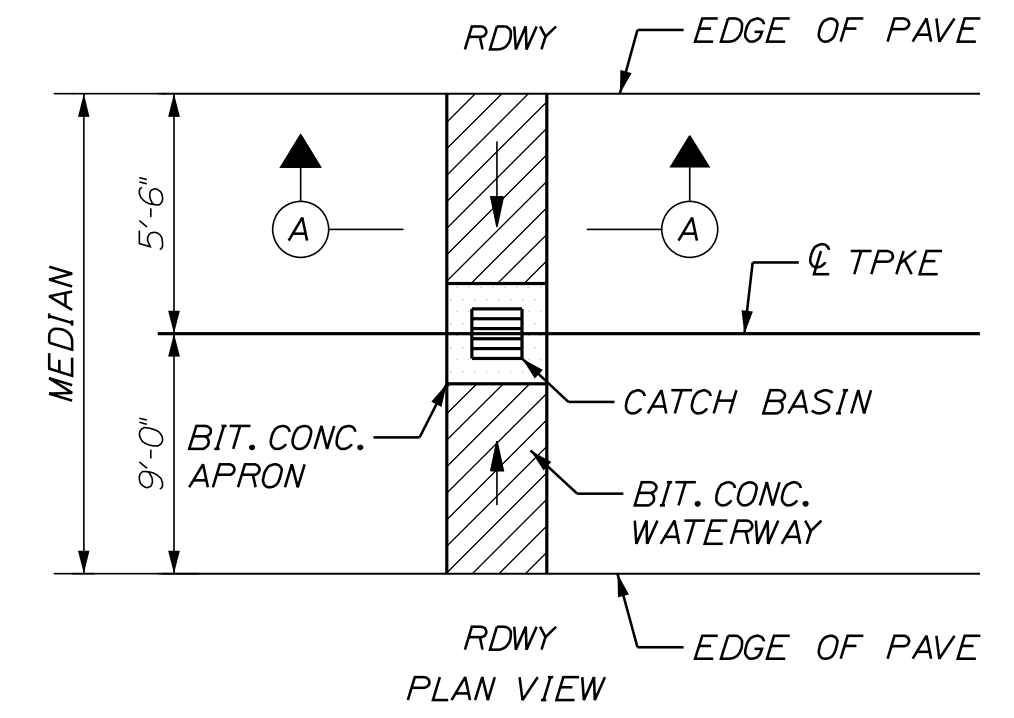
- NOTES:**
1. CONNECTION AND PIPE TO BE BACKFILLED PER ASTM D2321 (CRUSHED STONE).
 2. CONCRETE SHALL BE CLASS A FIBER REINFORCED.
 3. SEE CONCRETE COLLAR WIDTH SCHEDULE FOR DIMENSIONS.



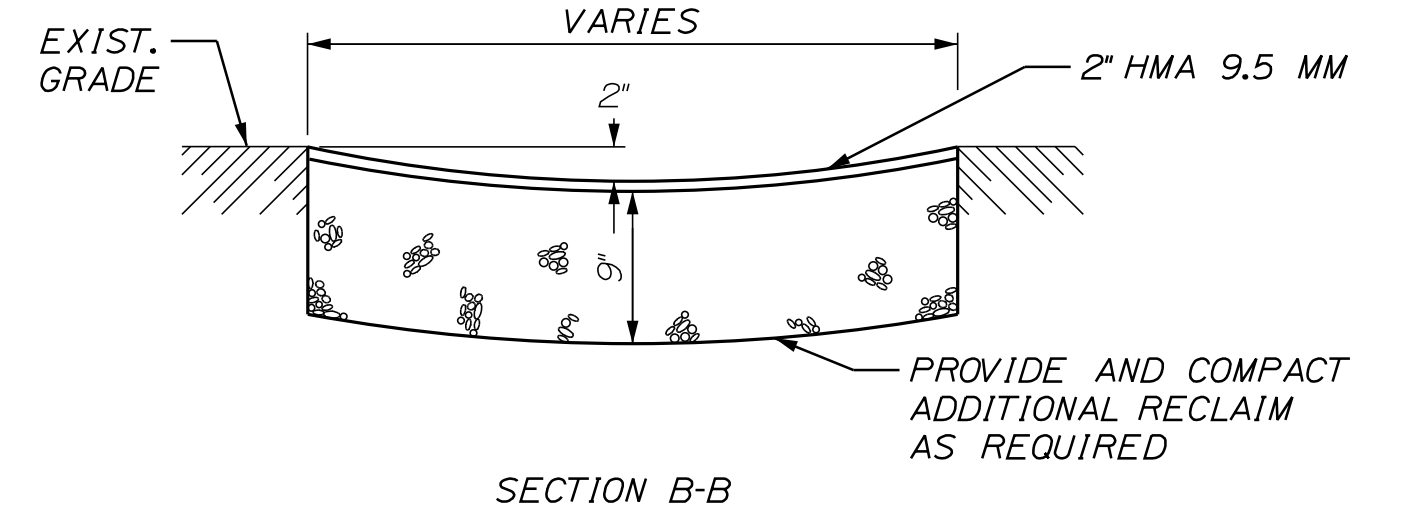
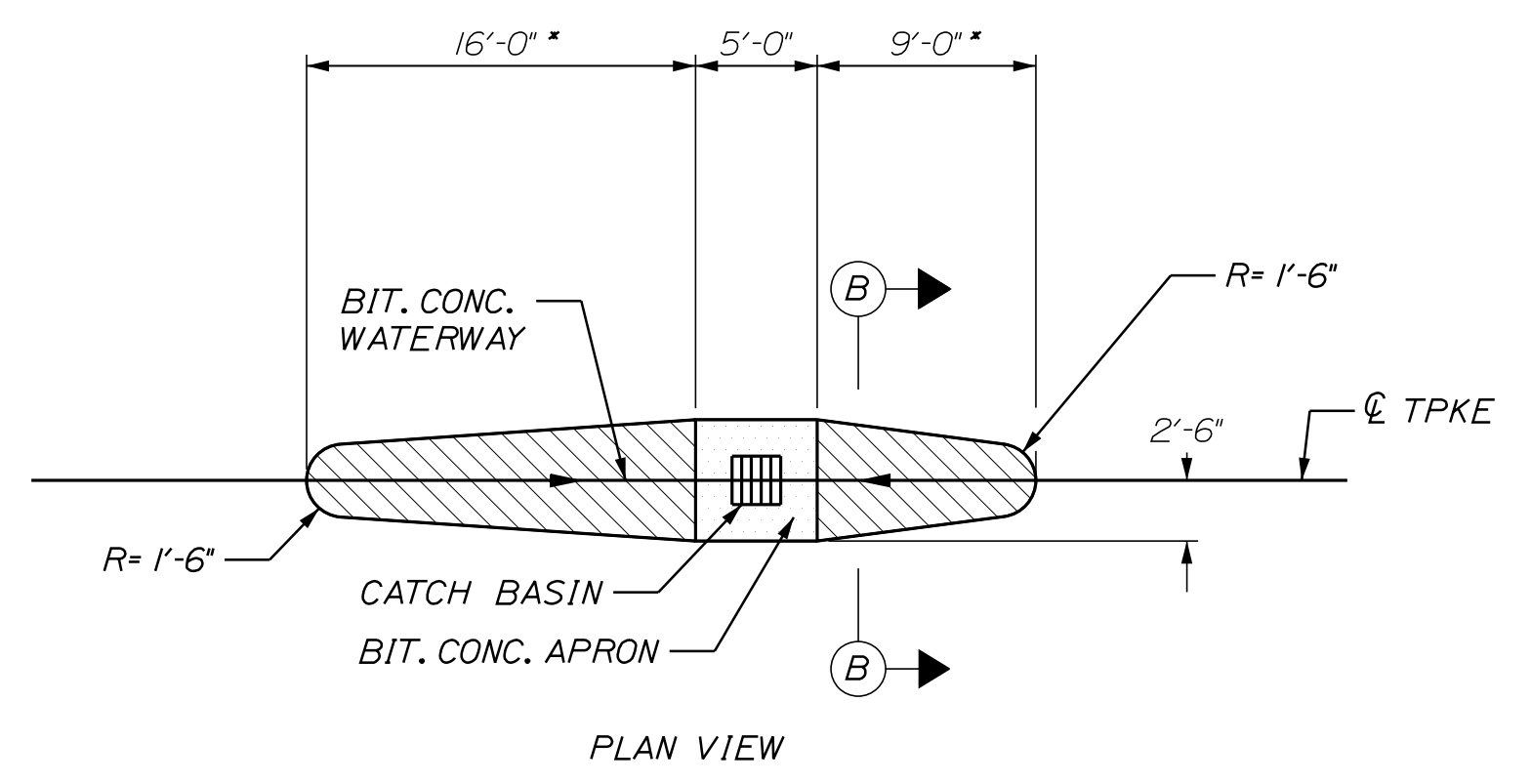
REBUILD CATCH BASIN TO GRADE - TYPE II

- REMOVE EXISTING FRAME AND GRATE. SEE NOTE 2.
- REMOVE EXISTING FRAME, CONCRETE AND ANCHOR RODS TO SOUND CONCRETE. REFORM BASIN TO GRADE USING CLASS "AAA" CONCRETE. EXISTING FRAME MAY BE ENCASED IN CONCRETE.

- NOTES:**
1. EXISTING CATCH BASINS NOTED IN THE PLANS SHALL BE REBUILT WITH THE FRAME AND GRATE SET, AND CONCRETE FINISHED, TO THE FINAL PAVEMENT GRADE.
 2. RESET EXISTING FRAME AND GRATE. IF ANY FRAMES OR GRATES ARE NOT REUSABLE NEW GRATES OR FRAMES SHALL BE SUPPLIED BY THE CONTRACTOR.
 3. REMOVE UNSOUND CONCRETE (2" MIN.) AND REPLACE WITH NEW CONCRETE IF DIRECTED BY THE RESIDENT.
 4. EXISTING LOW POINT CATCH BASIN GRATES SHALL BE REMOVED, PLATED, AND PAVED OVER PRIOR TO MILLING AND REINSTALLED PRIOR TO PAVING.



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



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

Scale: NOT TO SCALE

| No. | Revision | By | Date |
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Designed by: **Stantec**

CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
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| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

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 2211 CONGRESS STREET SUITE 380
 PORTLAND, ME 04102
 TEL (207) 887-3448
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

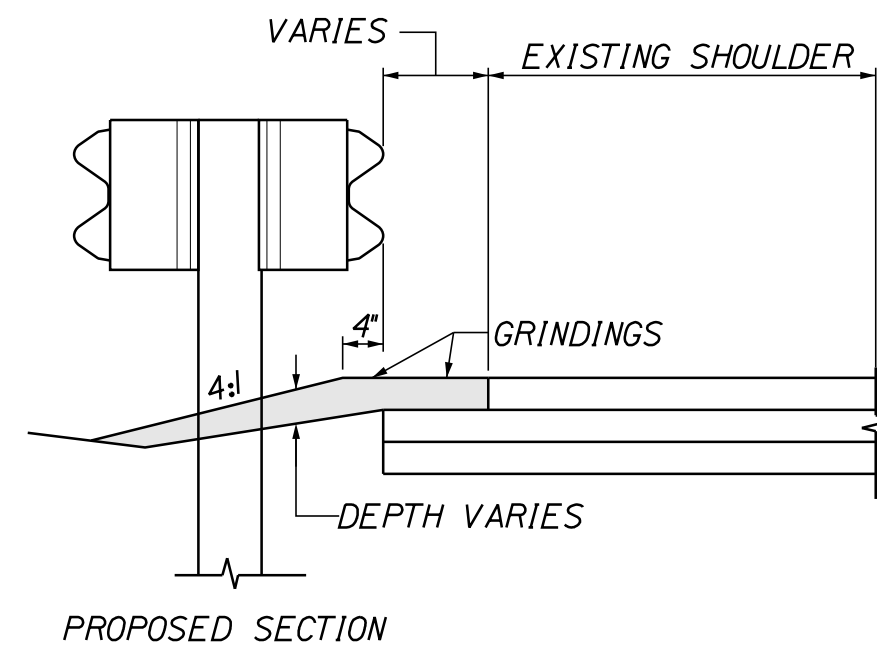
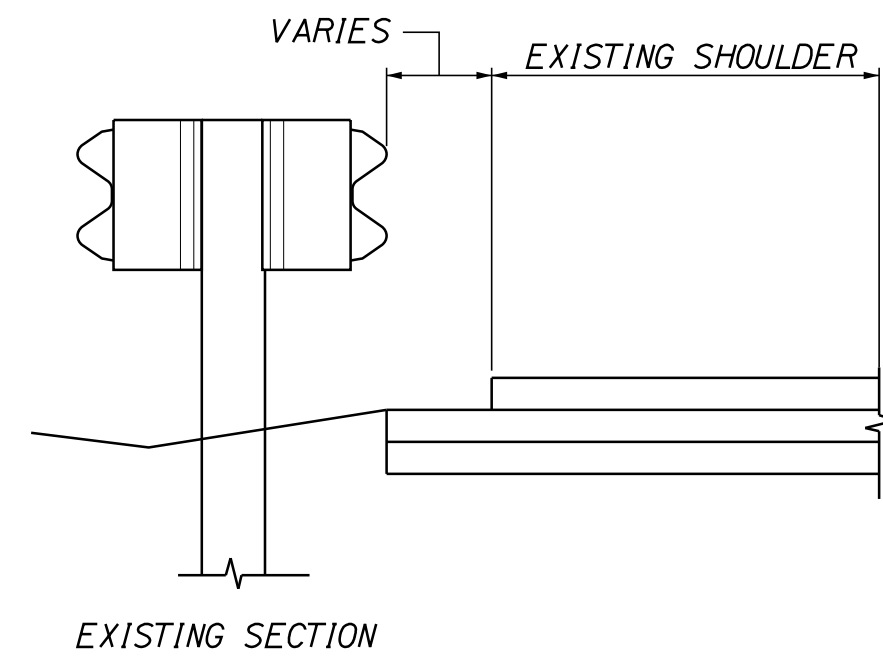
PAVEMENT REHABILITATION
 EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
 DRAINAGE DETAILS
 (2 OF 2)

SHEET NUMBER: DT-02
 24 OF 40

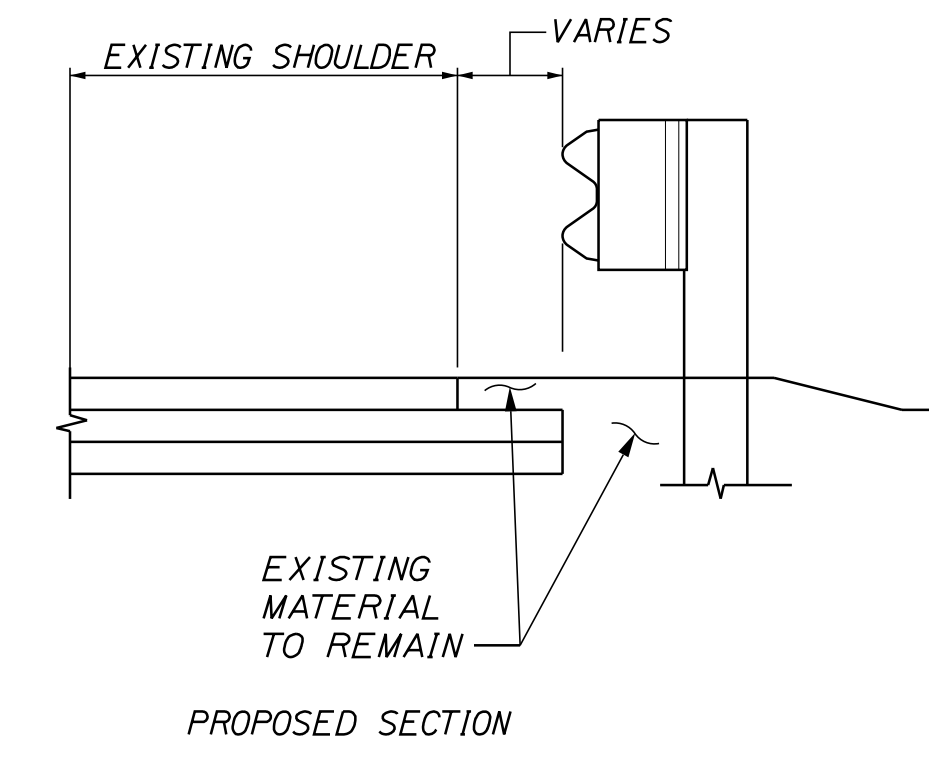
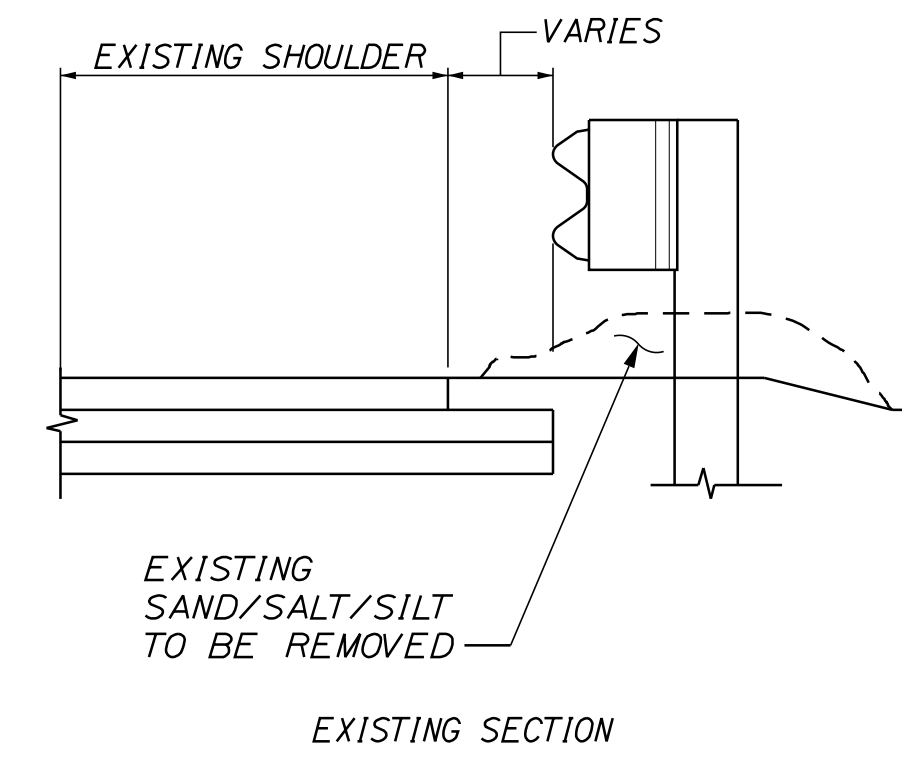
CONTRACT: 2024.01

Date: 11/13/2023

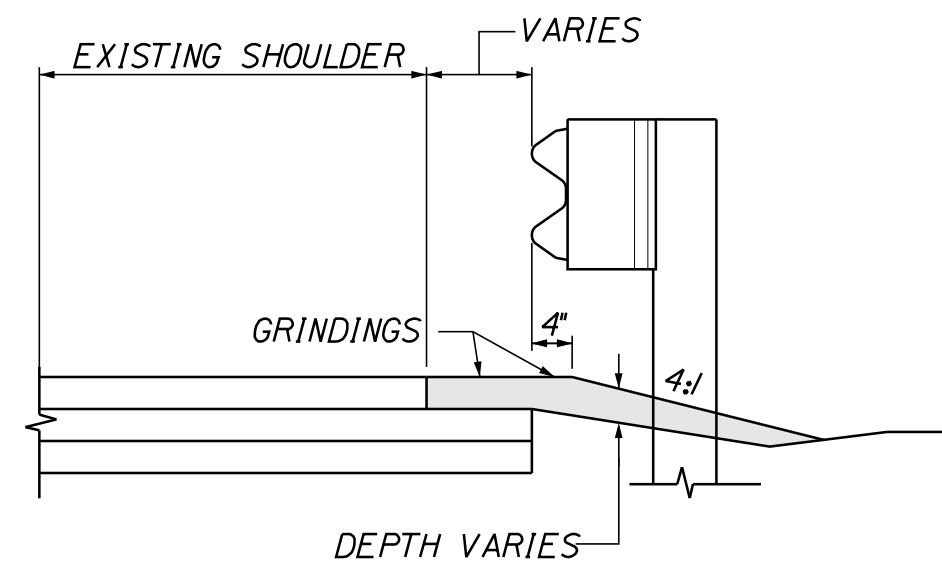
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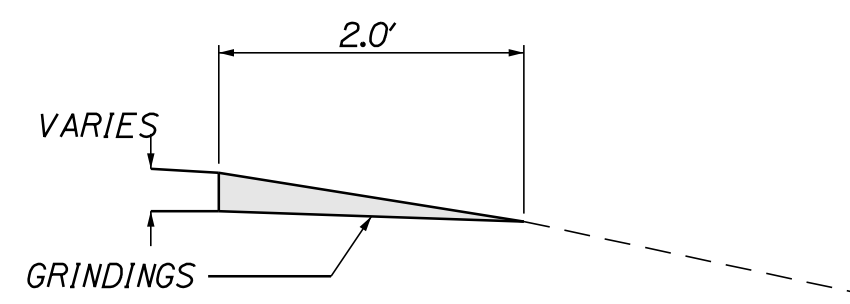
BERM DROPOFF CORRECTION WITH GUARDRAIL MEDIAN GUARDRAIL



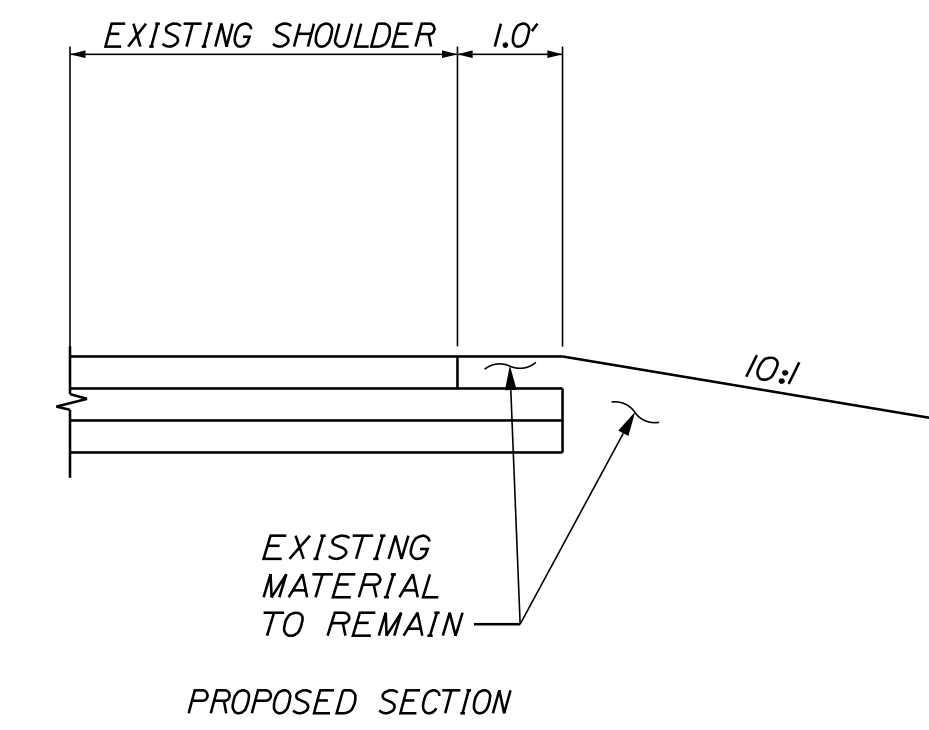
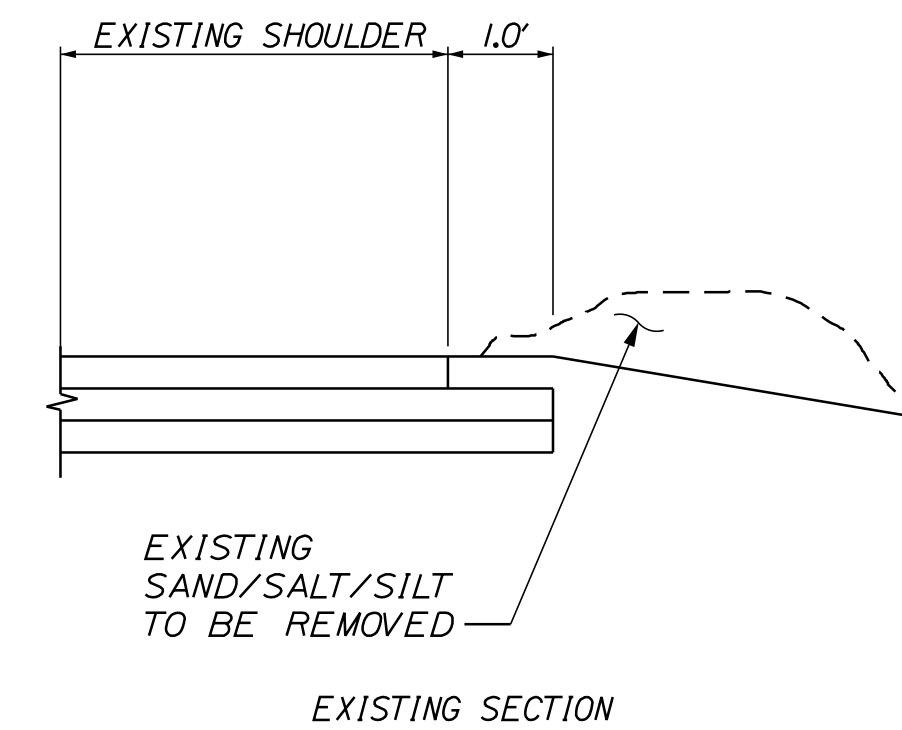
BERM CORRECTION WITH SAND REMOVAL



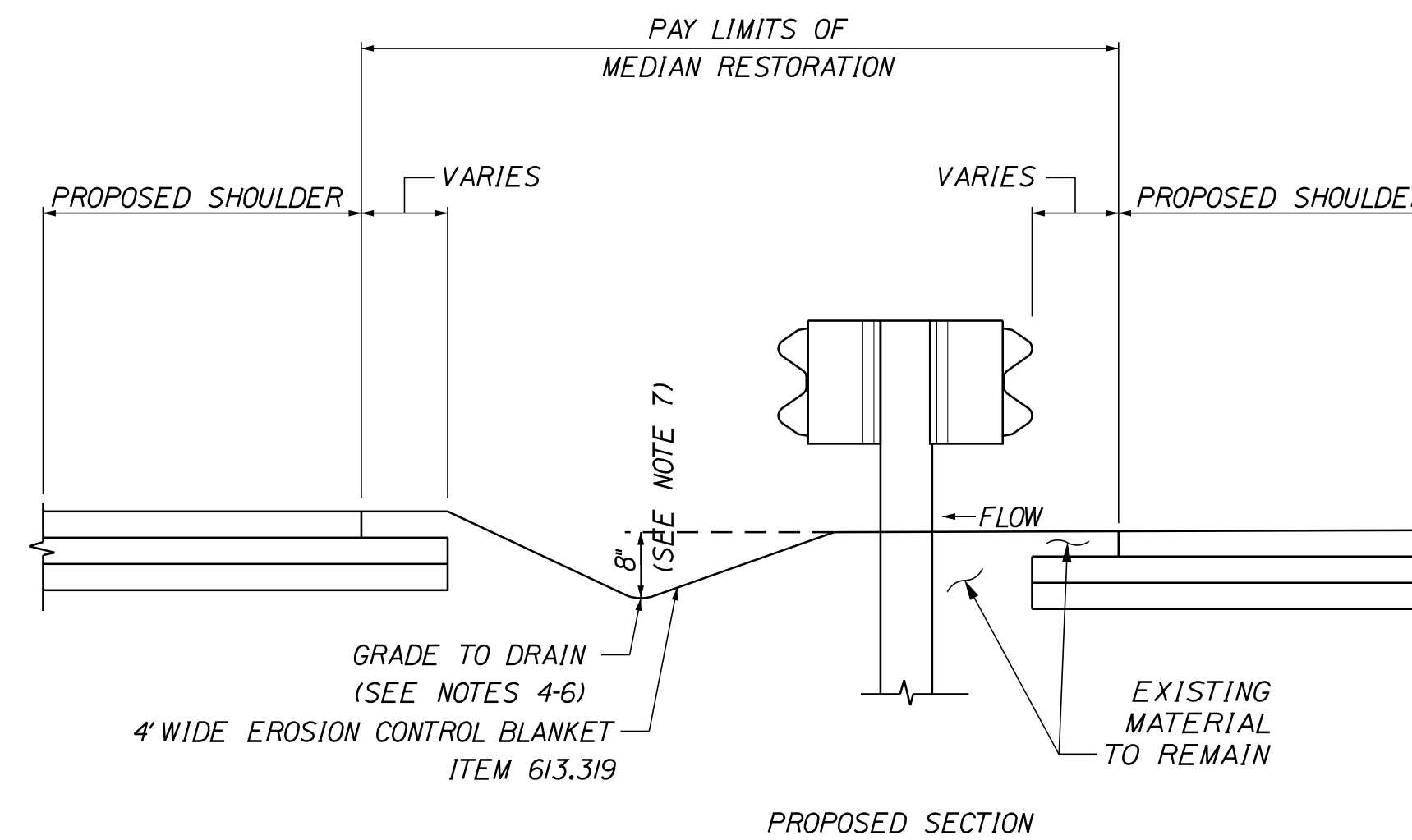
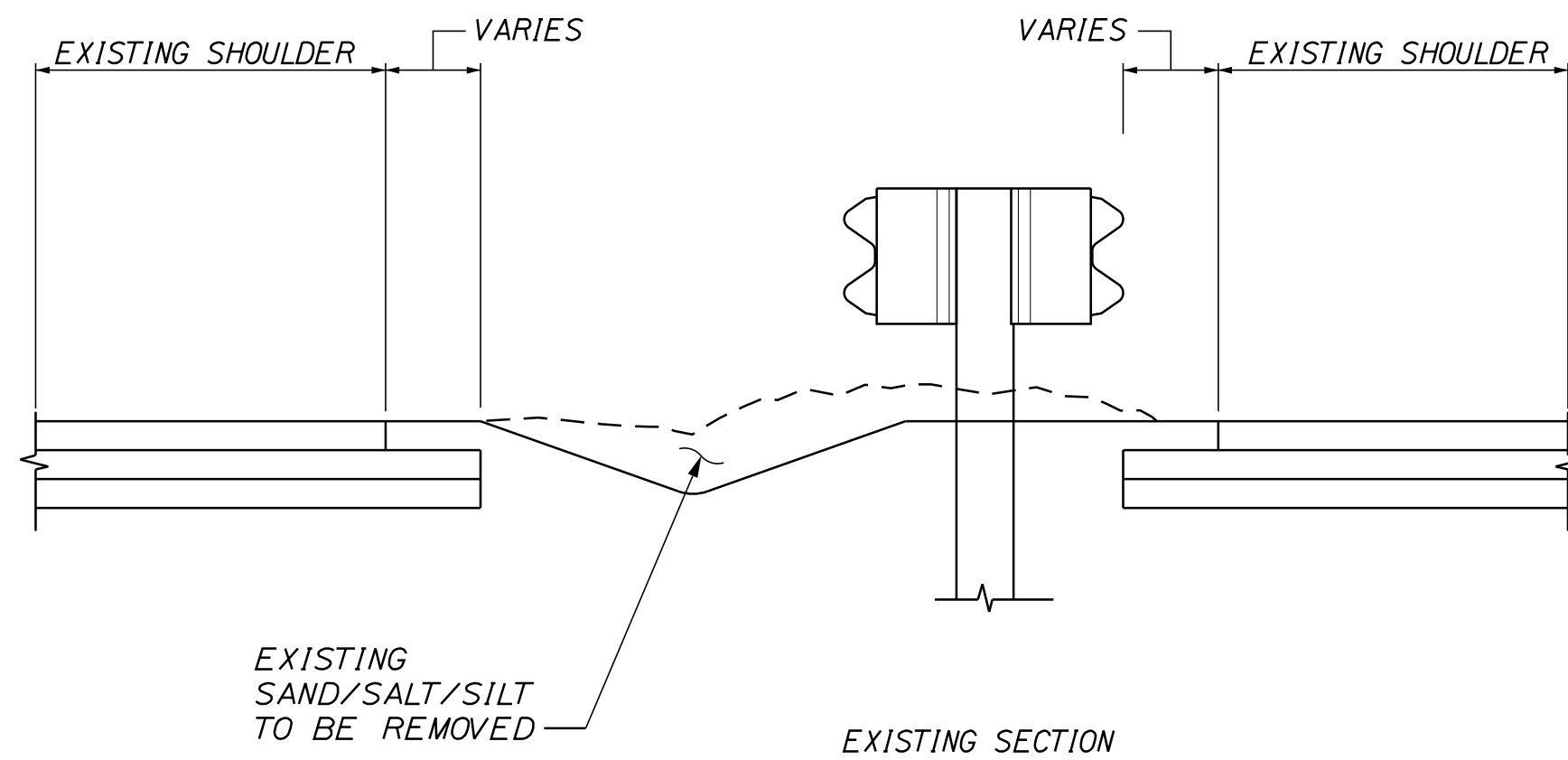
DETAIL A BERM DROPOFF CORRECTION WITH GUARDRAIL



DETAIL B BERM DROPOFF CORRECTION WITHOUT GUARDRAIL



BERM CORRECTION WITH SAND REMOVAL WITHOUT GUARDRAIL



MEDIAN RESTORATION

NOTES:

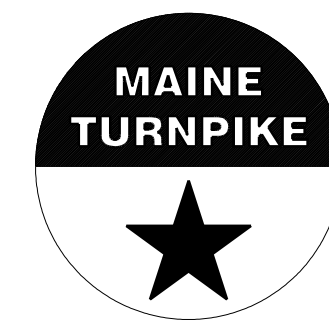
1. BERM DROPOFF CORRECTION WILL BE PLACED AT ALL LOCATIONS UNLESS OTHERWISE DIRECTED BY THE RESIDENT.
2. BERM DROPOFF CORRECTION OF 3 INCHES OR MORE SHALL BE PLACED PRIOR TO SHIFTING TRAFFIC TO THE LANE ADJACENT TO THE SHOULDER REQUIRING CORRECTION.
3. BERM DROPOFF CORRECTION WILL BE PAID UNDER ITEM 470.08. BERM CORRECTION WILL BE PAID UNDER ITEM 470.081. MEDIAN RESTORATION WILL BE PAID UNDER ITEM 211.50.
4. TAPER SLOPE DOWN TO CATCH BASINS TO PREVENT DROP OFF. USE DEPTH GREATER THAN 8" IN TAPER SECTION IF REQUIRED.
5. HYDROSEEDING WITH FIBER MULCH SHALL BE USED IN THE MEDIAN. NO STRAW OR HAY MULCH SHALL BE USED.
6. ALL MATERIAL UNDER GUARDRAIL THAT WILL PREVENT SHEET FLOW FROM PROPOSED SHOULDER TO MEDIAN SHALL BE REMOVED. THIS IS INCLUDED AS PART OF THE MEDIAN RESTORATION ITEM * 211.50. IF SAW CUTTING IS REQUIRED TO FACILITATE THE REMOVAL OF PAVEMENT TO ACHIEVE SHEET FLOW, THE SAW CUTTING WILL BE PAID FOR UNDER ITEM 419.30.
7. MEDIAN SWALE SHALL BE 8 INCHES BELOW LOWEST EDGE OF PAVEMENT.

Scale: NOT TO SCALE

Designed by:



STANTEC CONSULTING SERVICES INC.
2211 CONGRESS STREET SUITE 380
PORTLAND, ME 04102
TEL (207) 887-3448
FAX (207) 883-3376



THE GOLD STAR MEMORIAL HIGHWAY

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
BERM DROPOFF CORRECTION AND
MEDIAN RESTORATION DETAILS

| No. | Revision | By | Date |
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| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
|---|-----|-------|--------------|-----|-------|
| | By | Date | | By | Date |
| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

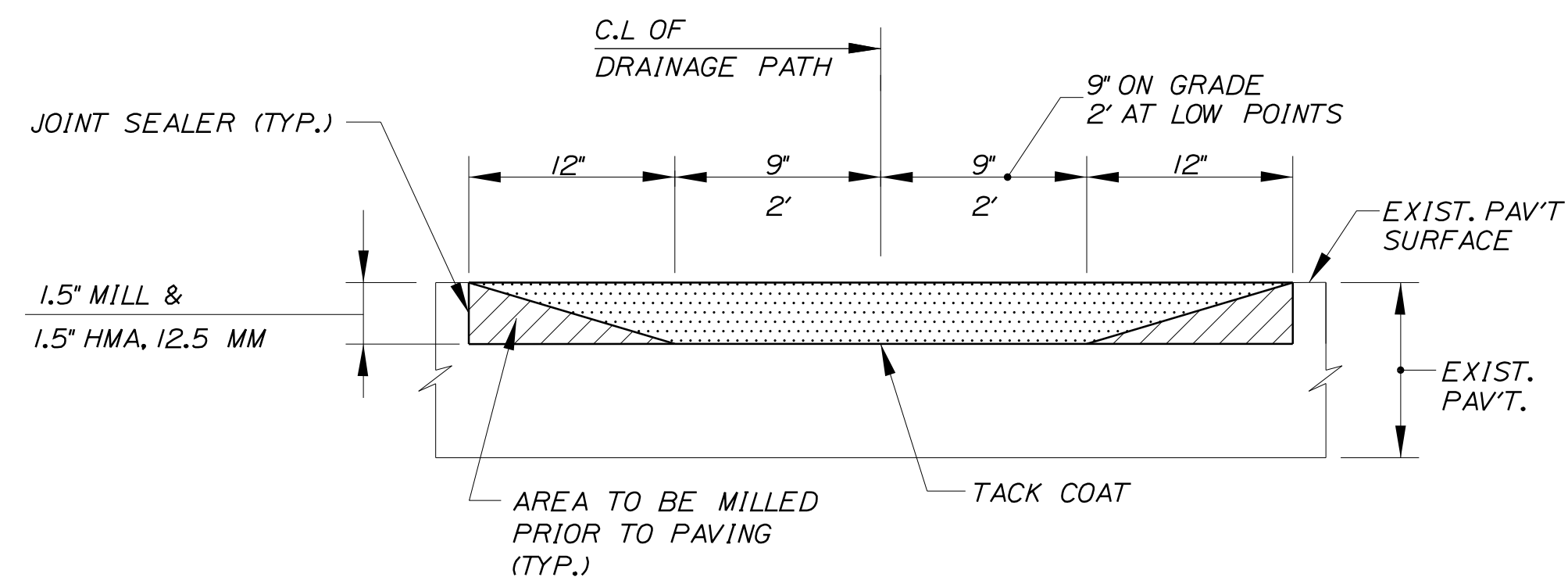
MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

CONTRACT: 2024.01

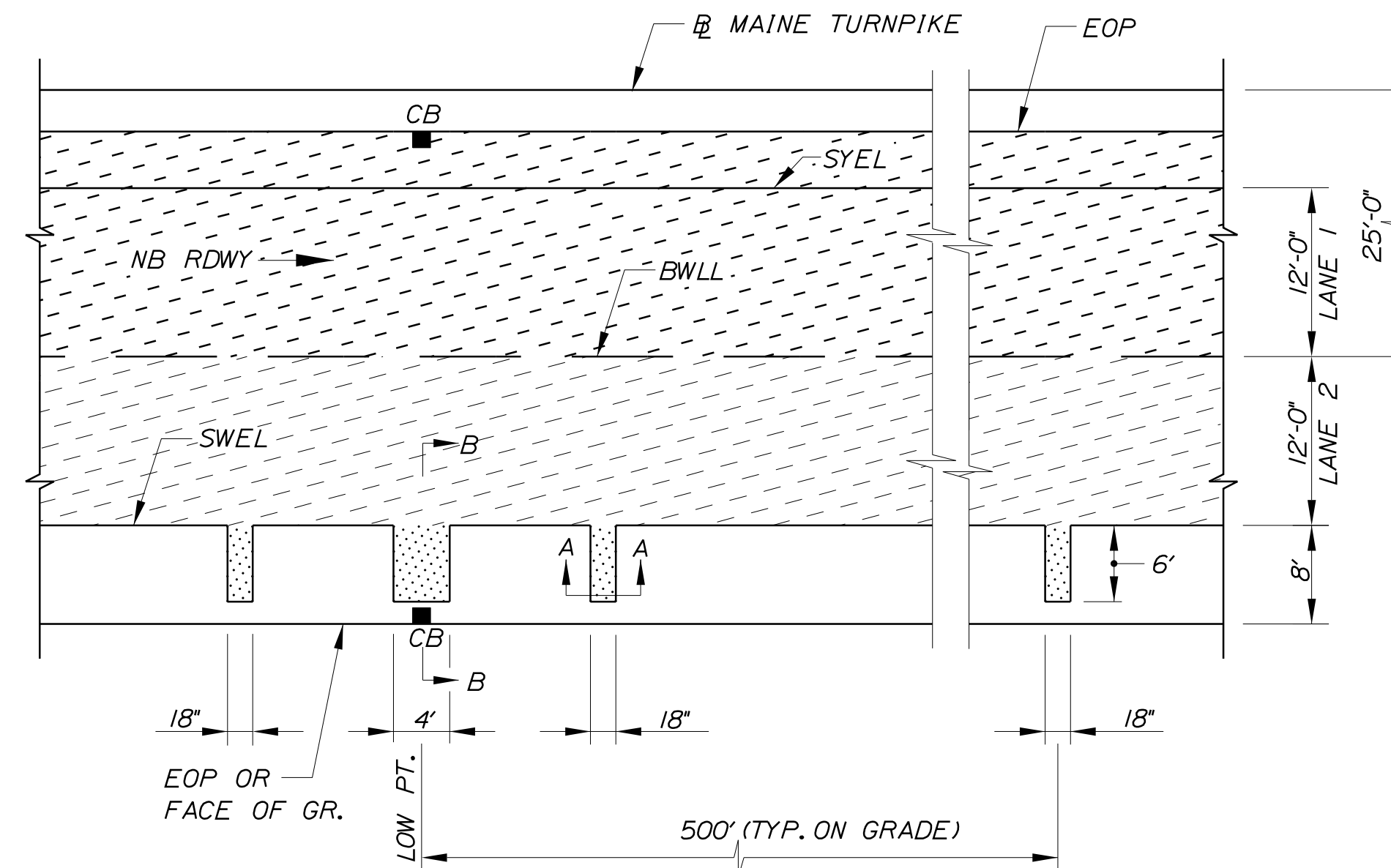
SHEET NUMBER: DT-03

25 OF 40

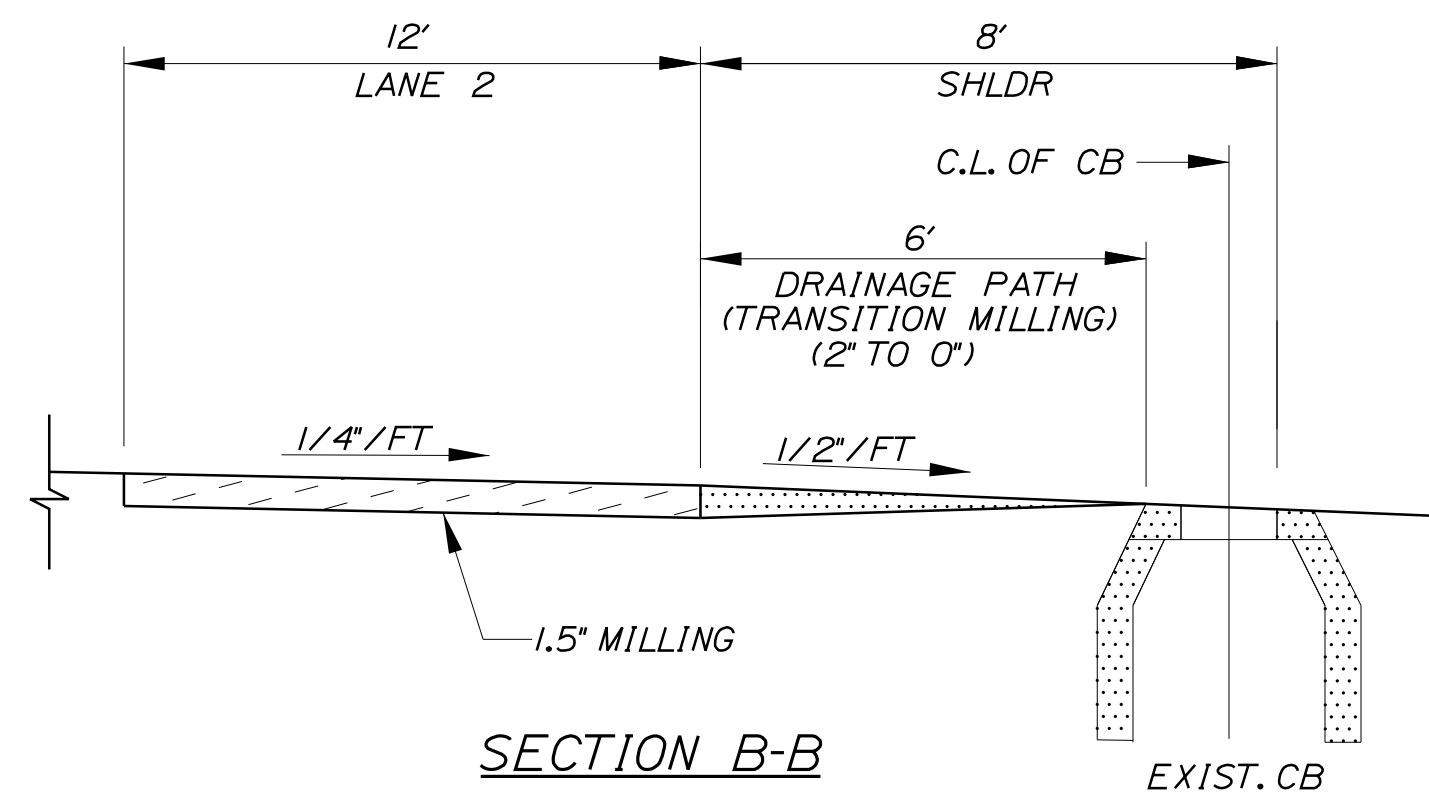
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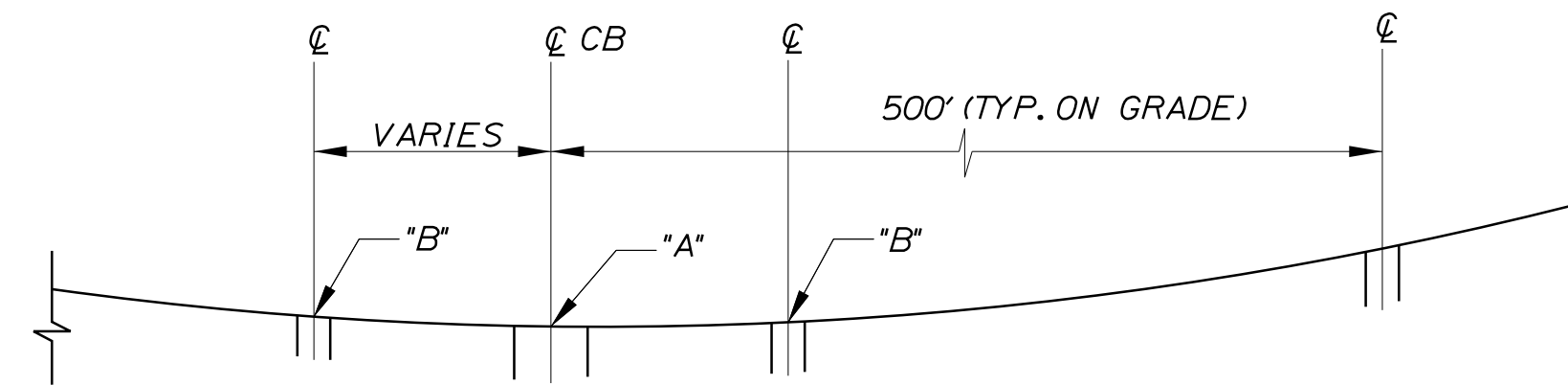
SECTION A-A



PLAN VIEW



SECTION B-B



PROFILE ALONG EDGE OF MILLING

DRAINAGE PATH DETAILS

LEGEND

- = DRAINAGE PATH MILLING
- = TRAVEL LANE MILLING

NOTES:

1. POINT "B" IS 1" HIGHER THAN POINT "A".
2. DRAINAGE PATH REQUIRED AT ALL LOW POINTS.

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| Scale: NOT TO SCALE | | | |
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| Designed by: | | | | | |
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
| | By | Date | | By | Date |
| | Designed | JRH 10\23 | | Checked | LEM 10\23 |
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 TEL (207) 887-3448
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**THE GOLD STAR
MEMORIAL HIGHWAY**

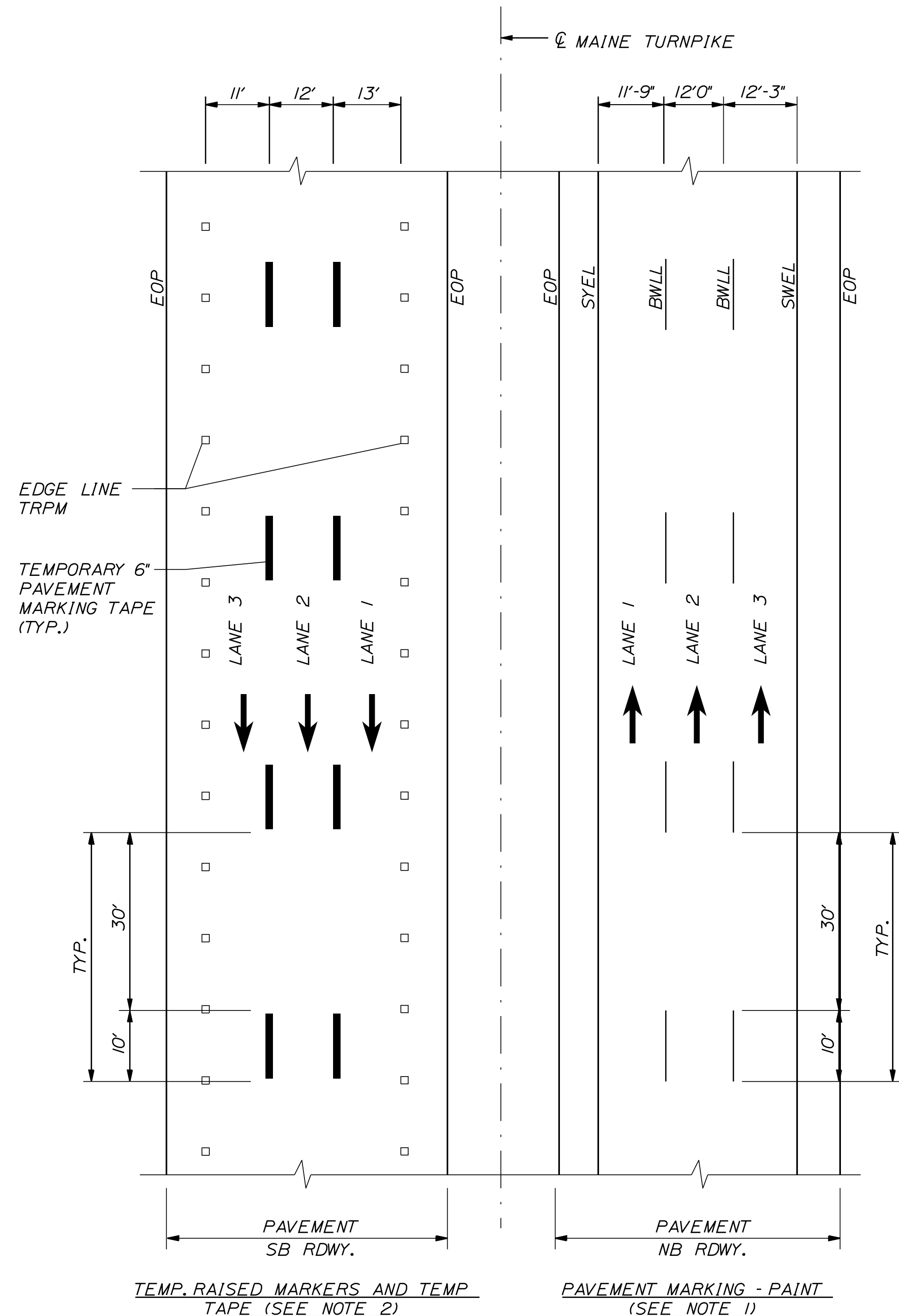
MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
 EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
 DRAINAGE PATH FOR MILLING DETAILS

SHEET NUMBER: DT-04
 CONTRACT: 2024.01
 26 OF 40

Date: 11/13/2023

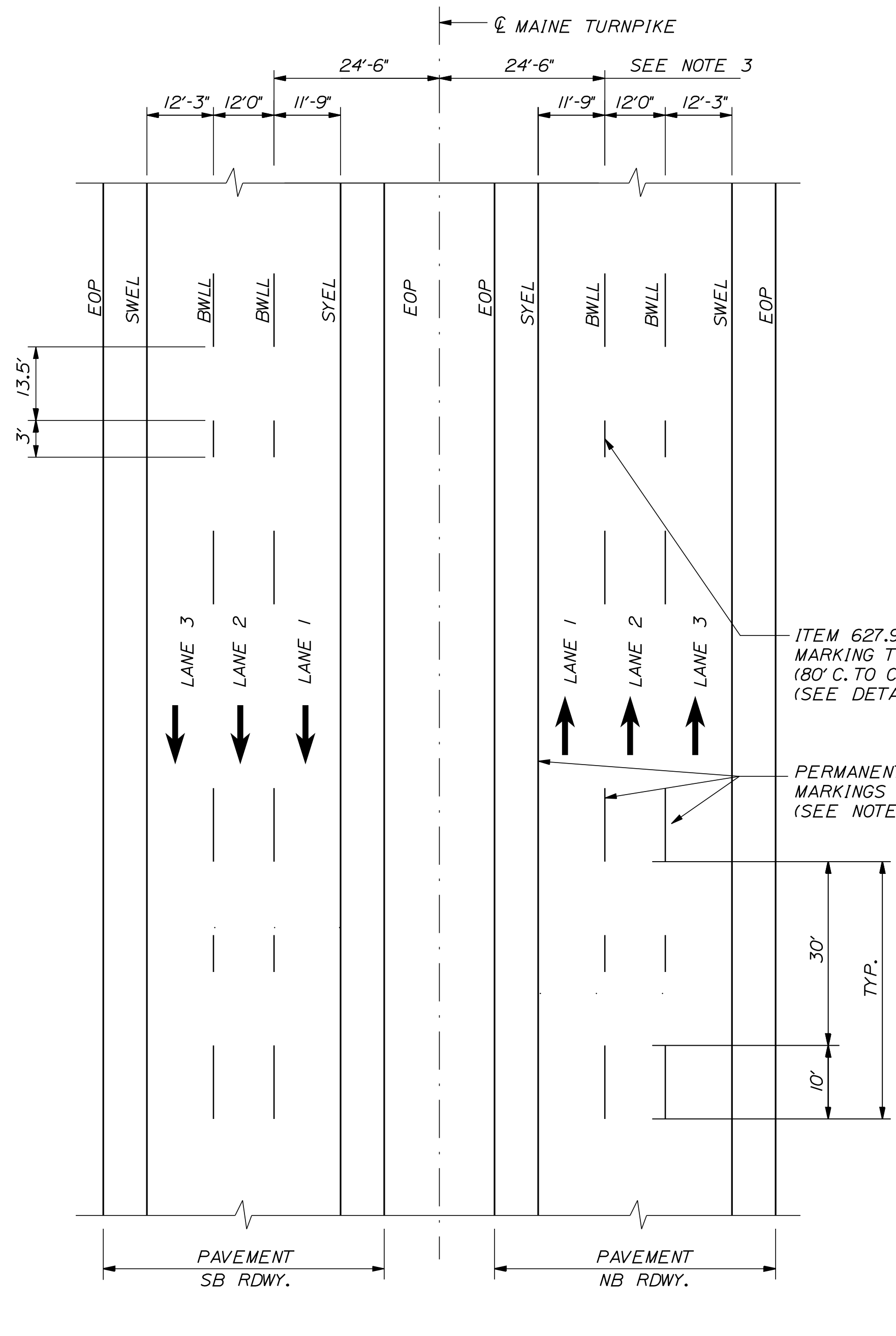
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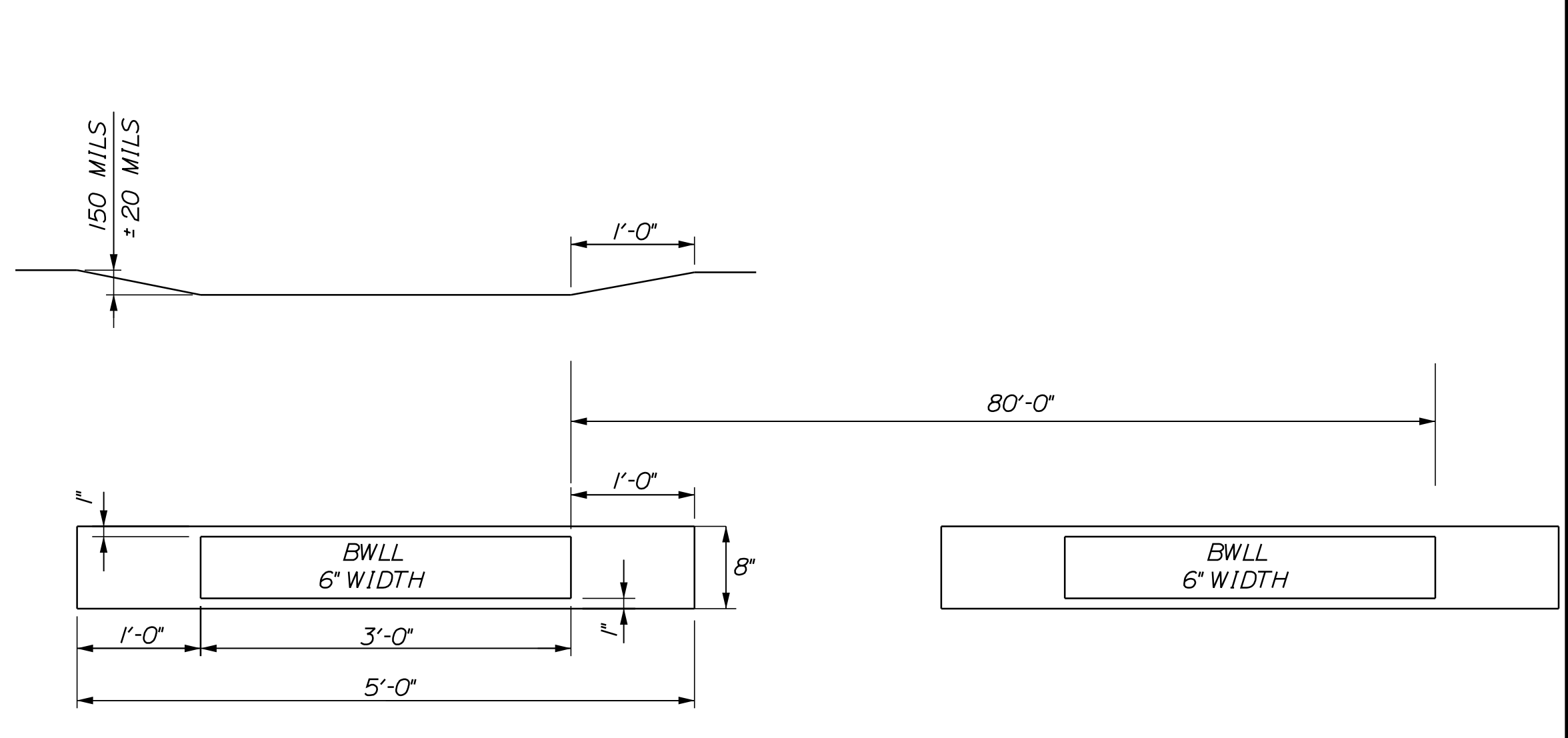
TEMP. PAVEMENT MARKINGS
3 LANE RDWY

NOTES:

- TEMPORARY PAVEMENT MARKINGS ON MILLED PAVEMENT OR SHIM SHALL BE 6" SOLID WHITE, BROKEN WHITE, AND SOLID YELLOW PAINT LINES.
- TEMPORARY PAVEMENT MARKINGS ON SURFACE PAVEMENT SHALL BE AS FOLLOWS:
 - FOR "SOLID WHITE" AND "SOLID YELLOW" EDGE LINES TEMPORARY PAVEMENT MARKINGS SHALL BE TEMPORARY RAISED PAVEMENT MARKERS SPACED AT 10' C. TO C.
 - FOR "BROKEN WHITE" LANE LINES TEMPORARY PAVEMENT MARKINGS SHALL BE 6" TEMPORARY PAVEMENT MARKING TAPE WITH A 10' PIECE EVERY 40'.



PERMANENT PAVEMENT MARKINGS
3 LANE RDWY



ITEM 627.94
PERMANENT PAVEMENT
MARKINGS WITH TAPE
GROOVING DETAIL

LEGEND

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

NOTES:

- PERMANENT PAVEMENT MARKINGS SHALL BE 6" WIDE LINES.
- PERMANENT PAVEMENT MARKINGS SHALL BE INSTALLED ON BOTH ROADWAYS.
- THE OFFSET DISTANCE SHOWN ARE MEASURED FROM THE CENTER OF THE 6" PAINT LINES.
- ALL EXISTING PAINT MARKINGS SHALL BE REMOVED PRIOR TO INSTALLATION OF ITEM 627.94 PAVEMENT MARKING TAPE AND SHALL BE INCIDENTAL TO INSTALLATION OF THE TAPE.
- ITEM 627.94 PAVEMENT MARKING TAPE FOR DWLL SHALL BE INSTALLED IN AN "IN-AND-OUT" GROOVING PATTERN. SEE DETAIL THIS SHEET.

Scale: **NOT TO SCALE**

| No. | Revision | By | Date |
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Designed by:

Stantec

CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
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| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

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2211 CONGRESS STREET SUITE 380
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TEL (207) 887-3448
FAX (207) 883-3376

MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

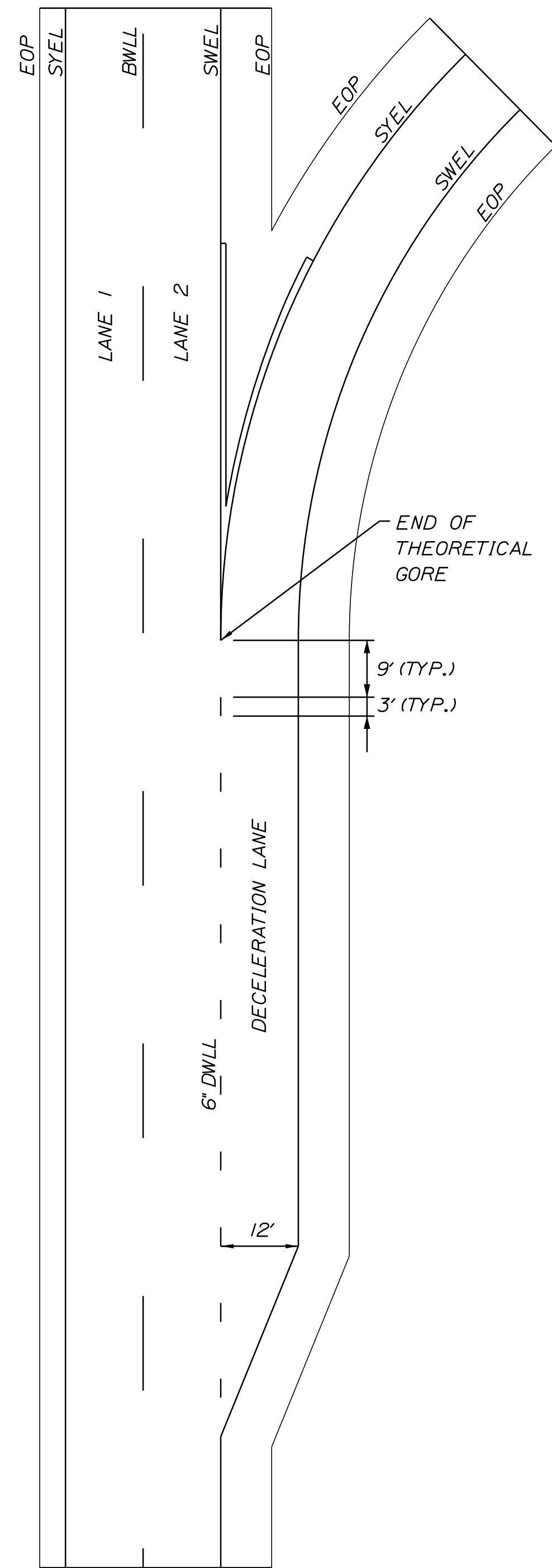
MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
STRIPING DETAILS
(1 OF 2)

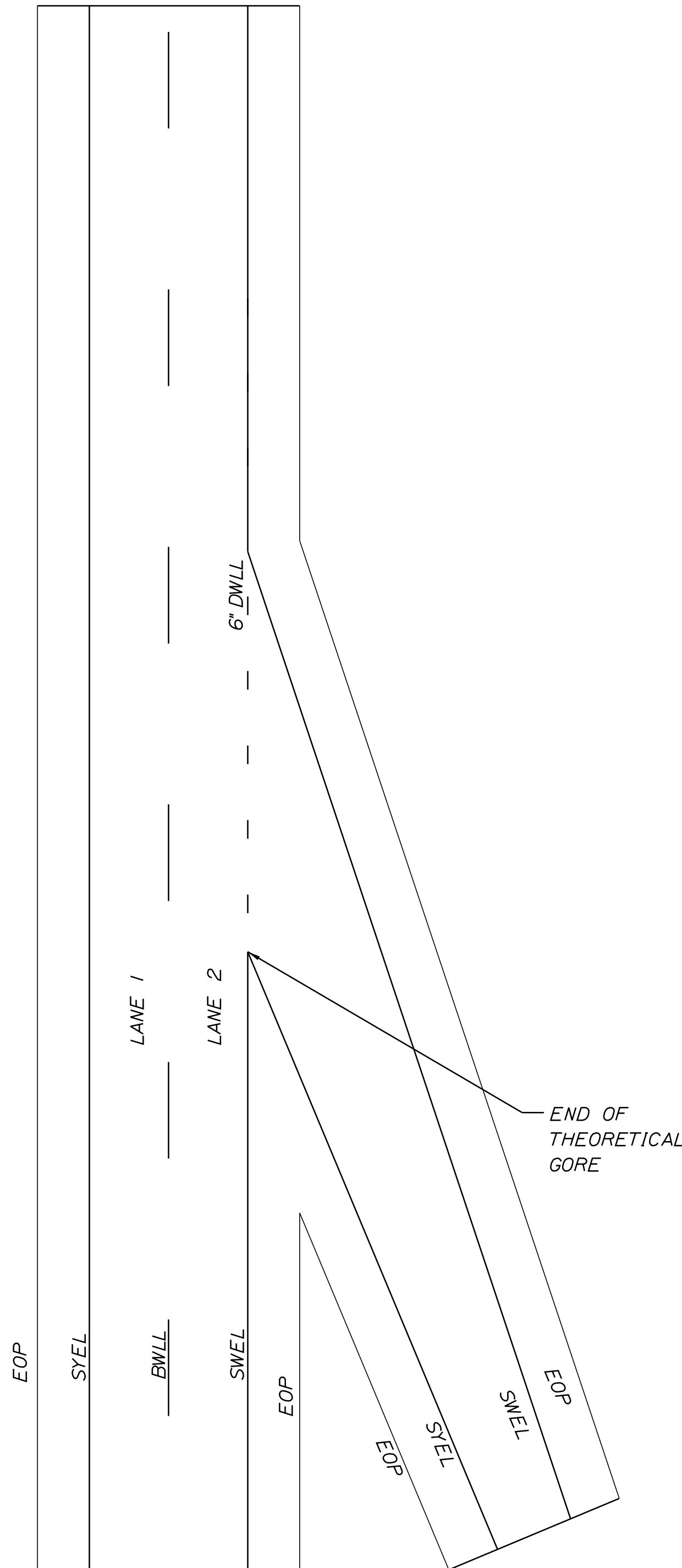
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CONTRACT: 2024.01
27 OF 40

Date: 11/13/2023

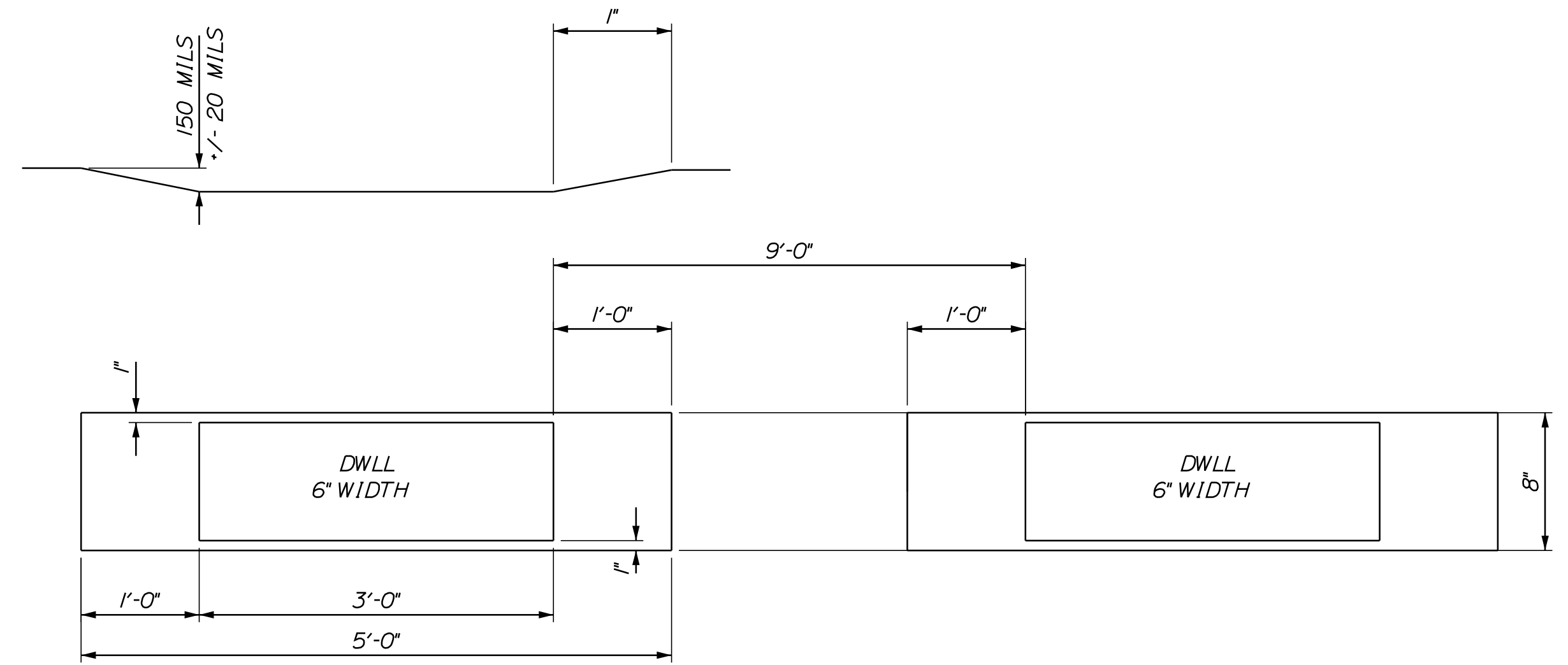
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PARALLEL RAMP
(DEPARTING RAMP SHOWN -
ENTERING RAMP SIMILAR)



TAPERED RAMP
(ENTERING RAMP SHOWN -
DEPARTING RAMP SIMILAR)



ITEM 627.94I
DWLL PERMANENT PAVEMENT
MARKINGS WITH TAPE
GROOVING DETAIL

LEGEND

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

NOTES:

1. ALL EXISTING PAINT MARKINGS SHALL BE REMOVED PRIOR TO INSTALLATION OF ITEM 627.94I PAVEMENT MARKING TAPE AND SHALL BE INCIDENTAL TO INSTALLATION OF THE TAPE.
2. ITEM 627.94I PAVEMENT MARKING TAPE FOR DWLL SHALL BE INSTALLED IN AN "IN-AND-OUT" GROOVING PATTERN. SEE DETAIL THIS SHEET.
3. CONTRACTOR SHALL FOLLOW MANUFACTURERS RECOMMENDATIONS FOR INSTALLATION OF THE TAPE. ANY CHANGES TO INSTALLATION PROCEDURES SHALL BE APPROVED THE RESIDENT ENGINEER.

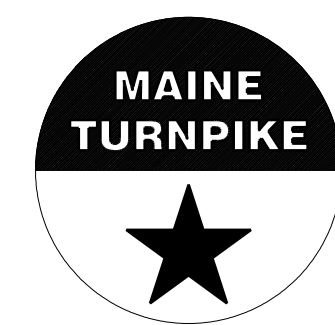
**PERMANENT PAVEMENT
MARKINGS WITH TAPE**
(ITEM 627.94I PAVEMENT MARKING TAPE)

Scale: NOT TO SCALE

Designed by:



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**THE GOLD STAR
MEMORIAL HIGHWAY**

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
STRIPING DETAILS
(2 OF 2)

| No. | Revision | By | Date |
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| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
| | By | Date | | By | Date |
| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

CONTRACT: 2024.01

SHEET NUMBER: DT-06

28 OF 40

GUARDRAIL EARTHWORK AND PAVEMENT REPAIR NOTES

1. ALL EARTHWORK AND PAVEMENT REPAIRS ASSOCIATED WITH GUARDRAIL INSTALLATIONS AND/OR MODIFICATIONS FOR THIS CONTRACT SHALL BE INCIDENTAL TO THE GUARDRAIL ITEMS UNLESS OTHERWISE NOTED.
2. ALL DISTURBED AREAS DUE TO THE WORK PERFORMED UNDER THIS CONTRACT FOR GUARDRAIL REPAIRS, MODIFICATION AND/OR INSTALLATIONS SHALL BE REPAIRED AND RESTORED TO ORIGINAL CONDITION. GRASSED AREAS SHALL RECEIVE 4" OF LOAM, SEED, FERTILIZER AND MULCH. IN PAVED AREAS, SUBBASE GRAVEL SHALL BE REPLACED AND RECOMPACTED WITH MAINE DOT TYPE-D GRAVEL AND HOT MIX ASPHALT TO A THICKNESS TO MATCH SURROUNDING PAVEMENT.
3. COMPACTION OF EARTH AND/OR SUBBASE GRAVEL AROUND GUARDRAIL POSTS DISTURBED DURING THE WORK IS REQUIRED. ALL POSTS SHALL BE PLUMB AFTER COMPACTION.


GUARDRAIL INSTALLATION AND MODIFICATION NOTES

1. THE CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE INSTALLATION AND/OR MODIFICATION OF ANY AND ALL GUARDRAIL COMPONENTS TO BE INSTALLED UNDER THIS CONTRACT. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER IF THE CONTRACTOR DISCOVERS CONFLICTS OR IRREGULARITIES OF ANY SORT BETWEEN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THESE CONTRACT DOCUMENTS.
2. THE CONTRACTOR IS REQUIRED TO HAVE AN APPROVED CRASH END TREATMENT ON ALL GUARDRAIL ENDS IN ALL WORK AREAS AT THE END OF EACH DAY. THE CONTRACTOR SHALL ENSURE THAT ENOUGH TIME EXISTS IN THE WORK DAY TO COMPLETE ALL MODIFICATIONS AND/OR INSTALLATIONS TO END TERMINALS. THE CONTRACTOR SHALL ENSURE THAT ALL PARTS AND MANPOWER ARE ON-SITE PRIOR TO UNDERTAKING ANY GUARDRAIL MODIFICATIONS.
3. EXISTING GUARDRAIL NOTED TO BE ADJUSTED SHALL BE ADJUSTED TO 30" (-0", -1/2") HEIGHT. GUARDRAIL HEIGHT SHALL BE MEASURED FROM THE EDGE OF PAVEMENT WHEN WITHIN 2 FEET. IF GUARDRAIL IS OFFSET FROM EDGE OF PAVEMENT GREATER THAN 2 FEET, THEN HEIGHT OF RAIL SHALL BE MEASURED AT GROUND ELEVATION ADJACENT TO EACH POST BELOW THE RAIL TO THE TOP OF GUARDRAIL AND AFTER FINAL GRADING OF SHOULDER.
4. PROPOSED GUARDRAIL SHALL BE INSTALLED TO THE HEIGHTS SHOWN IN THE GUARDRAIL DETAILS.
5. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CUT BOLTS, DISCARDED PARTS, TRASH, PAVEMENT DEBRIS, ETC., AFTER COMPLETING GUARDRAIL MODIFICATIONS AND/OR INSTALLATIONS.
6. CONNECTIONS FOR PROPOSED RAIL TO EXISTING RAIL SHALL BE INCIDENTAL TO THE INSTALLATION OF PROPOSED GUARDRAIL.
7. ALL DAMAGE TO GUARDRAIL COMPONENTS RESULTING FROM ADJUSTMENTS MADE TO THE GUARDRAIL SHALL BE REPAIRED AT NO ADDITIONAL COST TO THE AUTHORITY.
8. CONNECTIONS FOR PROPOSED GUARDRAIL TO EXISTING GUARDRAIL SHALL BE INCIDENTAL TO THE PROPOSED GUARDRAIL ITEMS.
9. ALL EXISTING GUARDRAIL NOTED TO BE REMOVED SHALL BECOME THE PROPERTY OF THE CONTRACTOR. REMOVAL AND DISPOSAL SHALL BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.
10. ONE REFLECTORIZED FLEXIBLE GUARDRAIL MARKER SHALL BE INSTALLED AT EACH GUARDRAIL TERMINAL. TWO REFLECTORIZED FLEXIBLE GUARDRAIL MARKERS SHALL BE INSTALLED AT EACH GUARDRAIL END TREATMENT.
11. ALL PERMANENT GUARDRAIL AND END TERMINALS SHALL BE MASH 2016 COMPLIANT.
12. HOLES CREATED BY GUARDRAIL REMOVAL WILL BE FILLED AND COMPACTED WITH APPROVED MATERIALS AS DIRECTED BY THE RESIDENT. PAYMENT TO BE CONSIDERED INCIDENTAL TO THE GUARDRAIL ITEMS.
13. TRANSITIONS FROM EXISTING GUARDRAIL TO PROPOSED MIDWAY SPLICE GUARDRAIL SHALL BE IN ACCORDANCE WITH MAINE DOT STANDARD DETAIL 606(17).

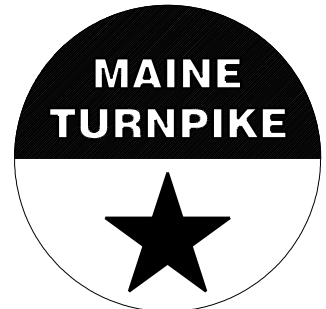
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| Designed by: | | | | | |
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| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
| | By | Date | | By | Date |
| | Designed | JRH 10\23 | | Checked | LEM 10\23 |
| | Drawn | CHL 10\23 | | In Charge of | LEM 10\23 |

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 PORTLAND, ME 04102
 TEL (207) 887-3448
 FAX (207) 883-3376



THE GOLD STAR
MEMORIAL HIGHWAY

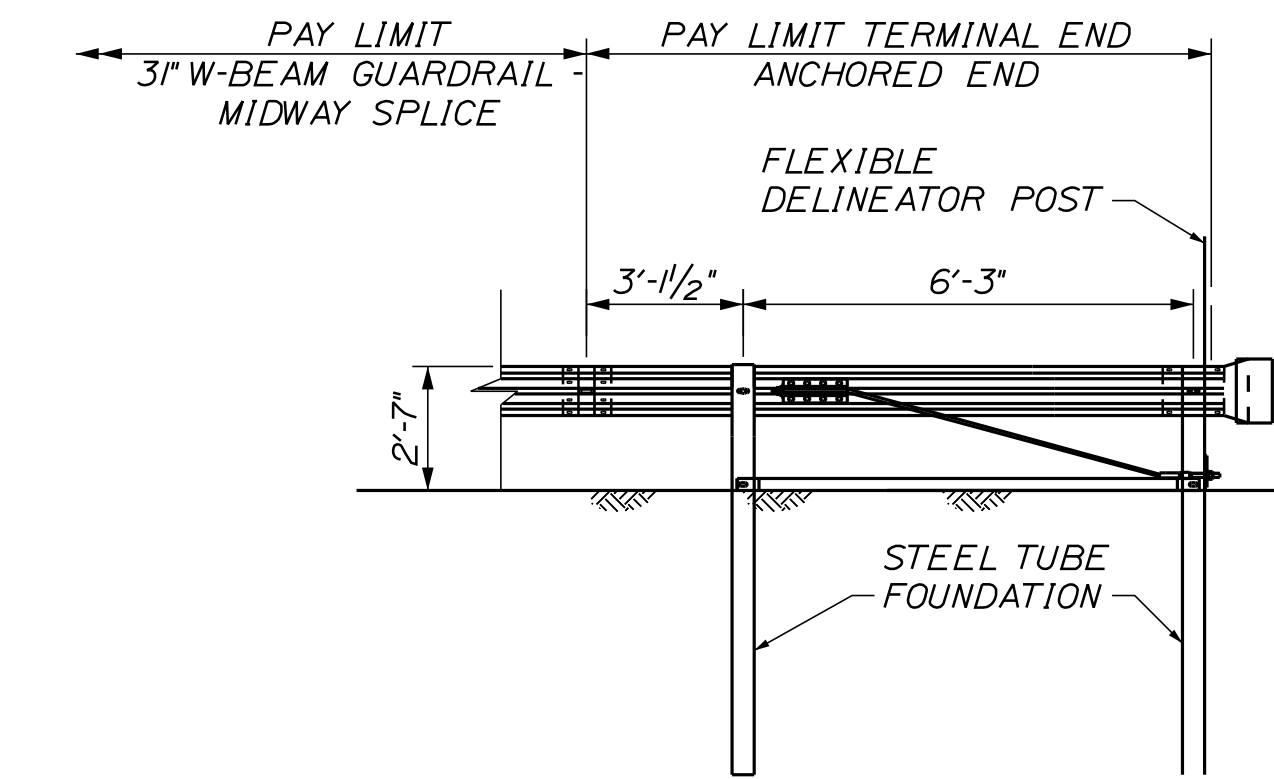
MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
 EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
 GUARDRAIL DETAILS
 (1 OF 3)

CONTRACT: 2024.01
SHEET NUMBER: DT-07

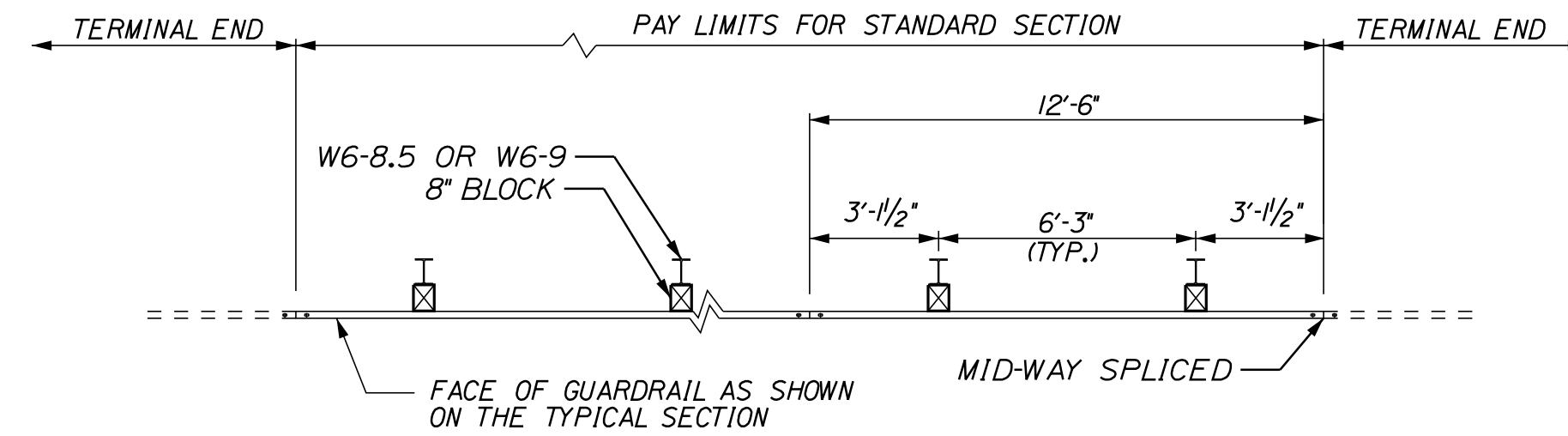
29 OF 40

Date: 11/13/2023

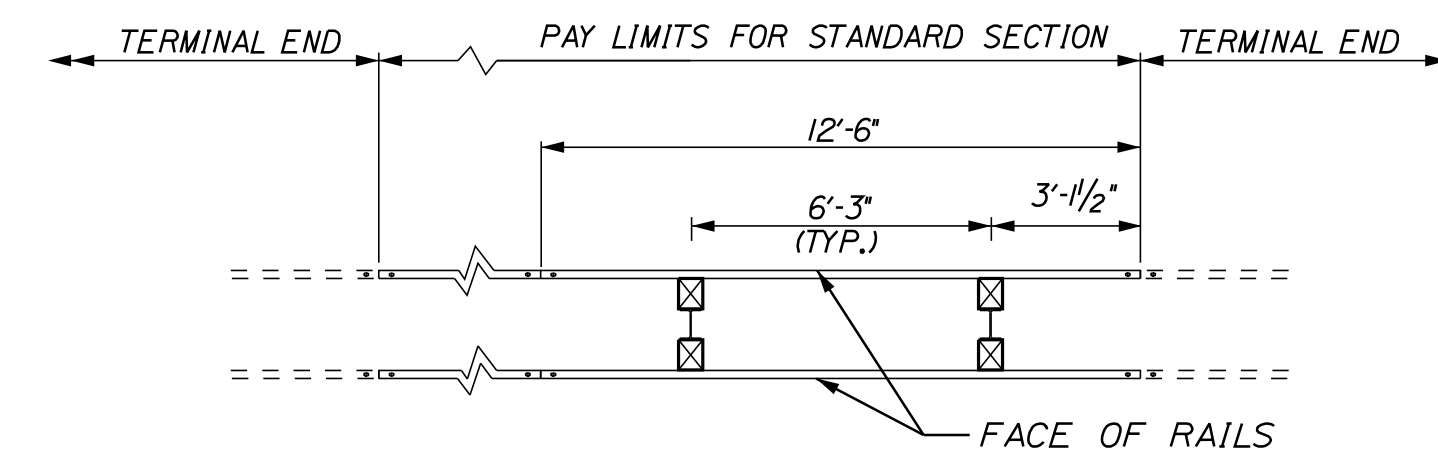


TERMINAL END - ANCHORED END - 3" W-BEAM GUARDRAIL
 (ITEM 606.1351)
 NOT TO SCALE

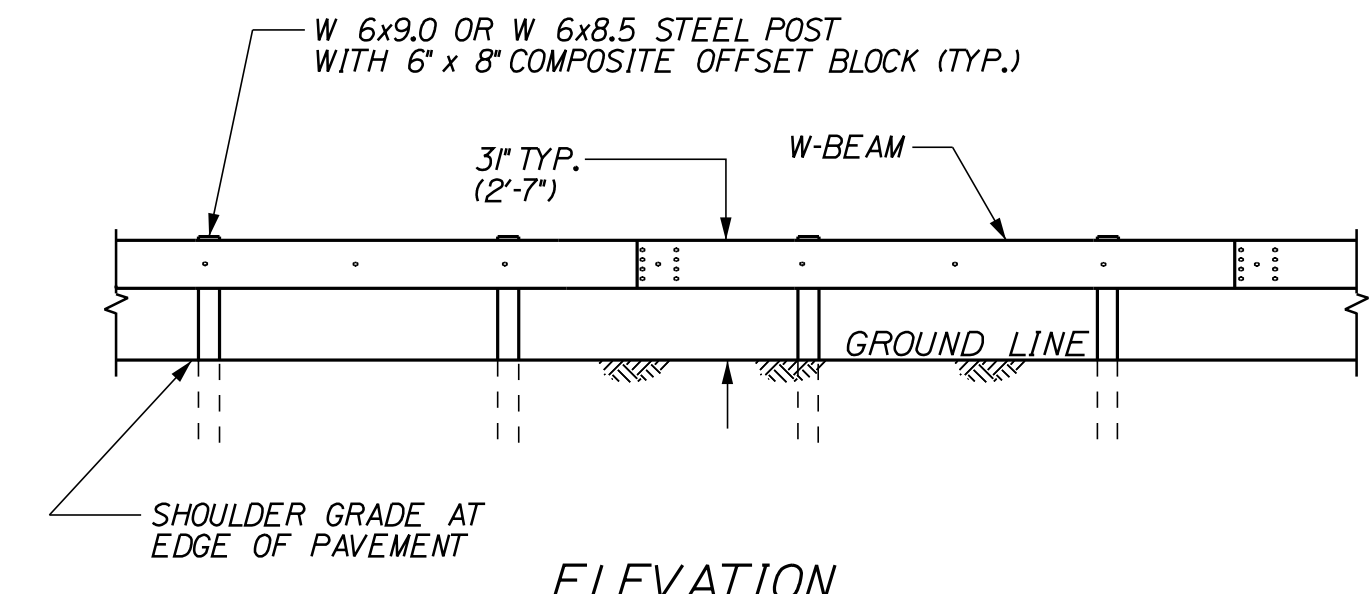
NOTES:
 1. THIS DETAIL MODIFIES THE SEW31 DRAWING SUCH THAT W-BEAM DOES NOT EXTEND BEYOND THE LAST GUARDRAIL POST. THE RWMI40 W-BEAM PANEL SHALL HAVE A LENGTH OF 9'-4 1/2" MEASURED FROM THE CENTER OF THE MIDWAY SPLICE TO THE CENTER OF THE LAST GUARDRAIL POST.



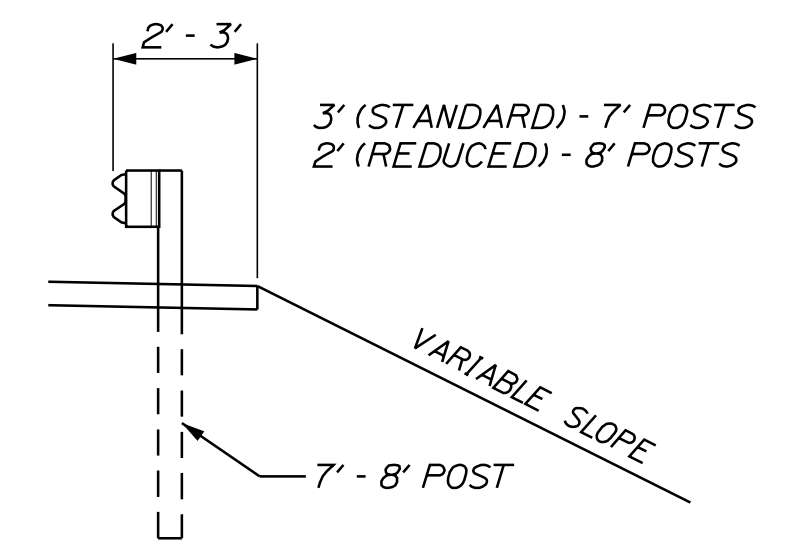
PLAN - SINGLE FACED



PLAN - DOUBLE FACED



ELEVATION



CROSS-SECTION

3" W-BEAM GUARDRAIL - MID-WAY SPLICE (8" OFFSET BLOCKS)
 (ITEMS 606.13, 606.132)
 NOT TO SCALE

Filename: ...000\HIGHWAY\MSTA\...Details.dgn

Scale: **NOT TO SCALE**

| No. | Revision | By | Date |
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Designed by:

Stantec

CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
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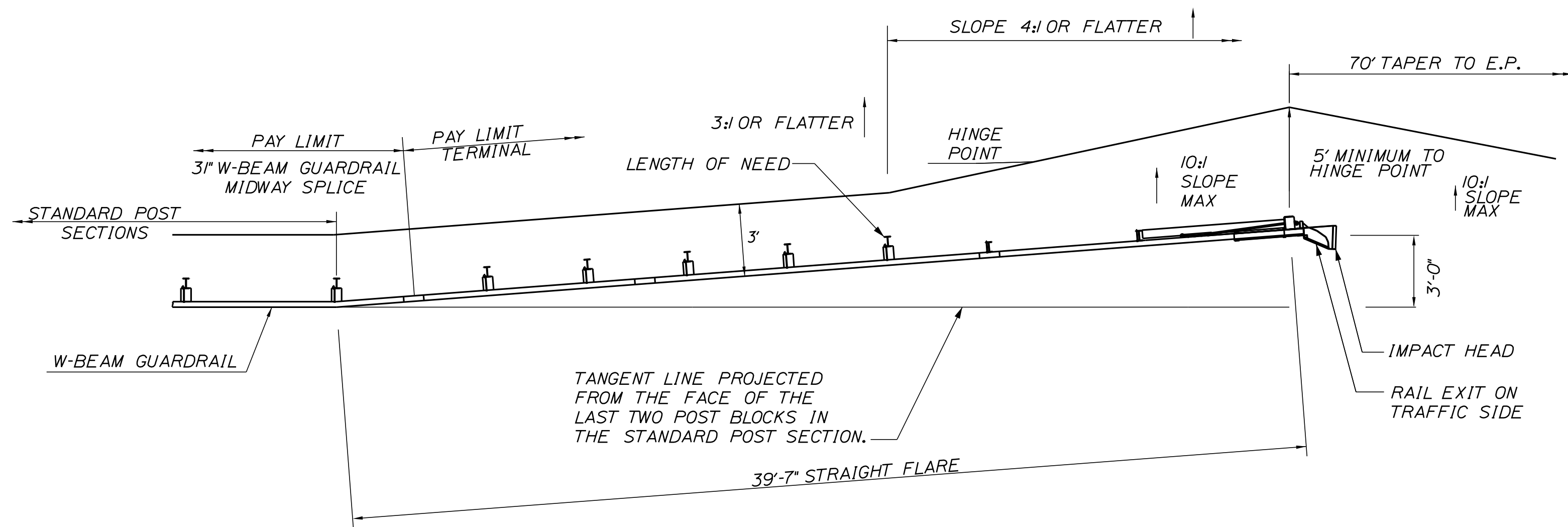
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

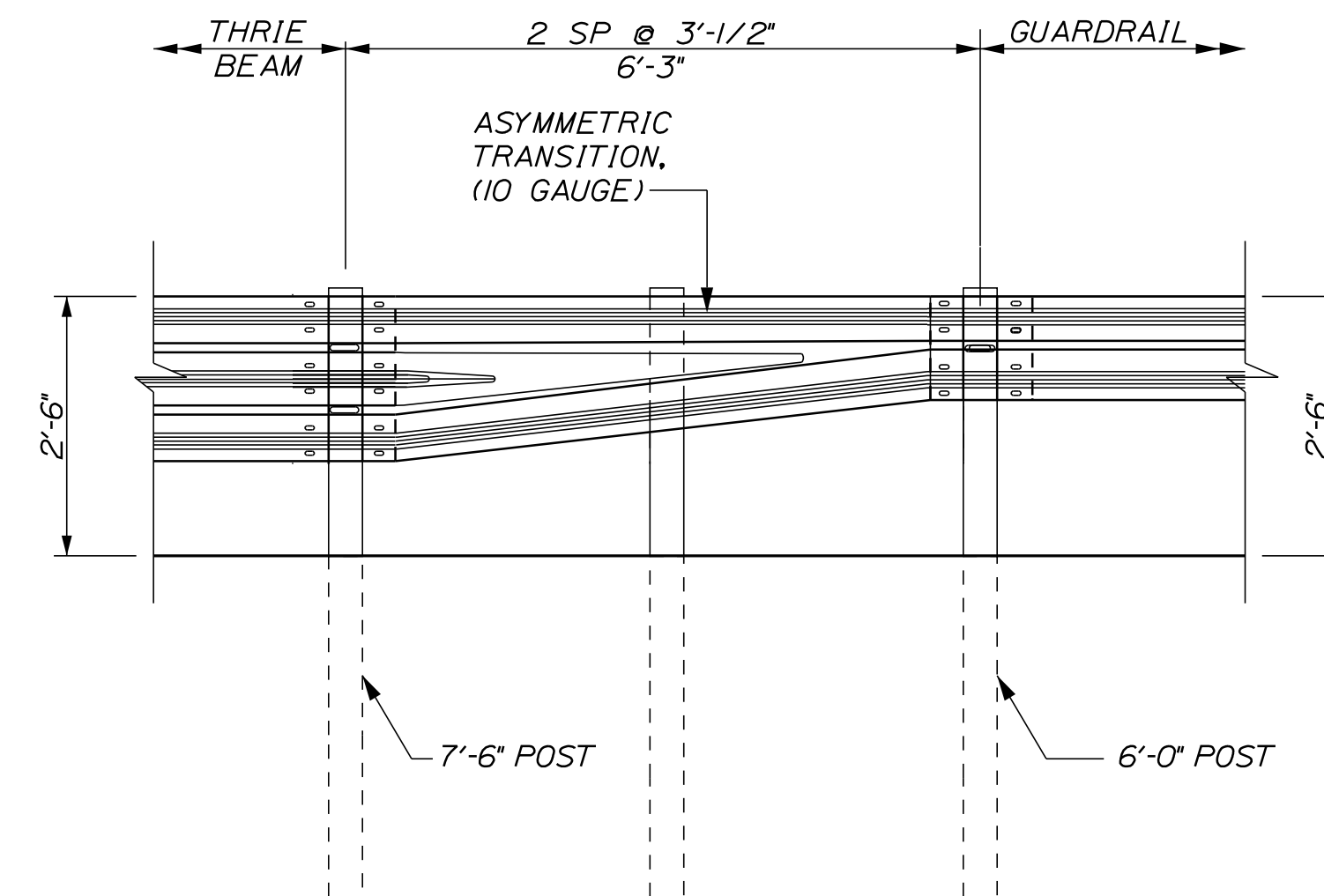
PAVEMENT REHABILITATION
 EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
 GUARDRAIL DETAILS
 (2 OF 3)

SHEET NUMBER: DT-08
 CONTRACT: 2024.01
 30 OF 40

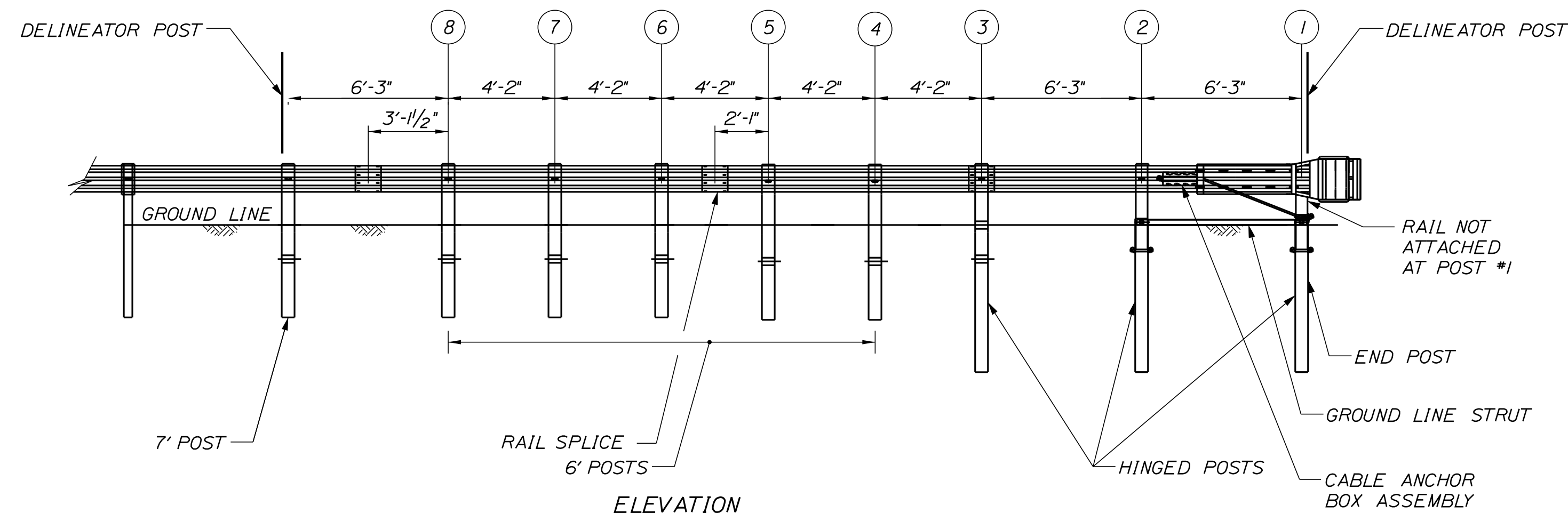
Date: 11/13/2023



PLAN



W-BEAM TO THRIE BEAM TRANSITION SECTION
NOT TO SCALE



ELEVATION

3" W-BEAM GUARDRAIL - MID-WAY SPLICE FLARED TERMINAL (MFLEAT MANUFACTURED BY RSI)
NOT TO SCALE

GENERAL GUARDRAIL INSTALLATION NOTES:

1. THE CONTRACTOR SHALL FOLLOW ALL MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR THE INSTALLATION OF ALL GUARDRAIL COMPONENTS TO BE INSTALLED. THE CONTRACTOR SHALL NOTIFY THE RESIDENT ENGINEER OF ANY CONFLICTS OR IRREGULARITIES BETWEEN THE MANUFACTURER'S INSTALLATION INSTRUCTIONS AND THE CONTRACT DOCUMENTS.
2. THE CONTRACTOR IS REQUIRED TO HAVE AN APPROVED CRASH END TREATMENT ON ALL GUARDRAIL ENDS PRIOR TO THE REMOVAL OF ANY MOT FEATURES.
3. GUARDRAIL HEIGHT SHALL BE MEASURED FROM GROUND ELEVATION ADJACENT TO EACH POST.
4. THE CONTRACTOR SHALL REMOVE AND DISPOSE OF ALL CUT BOLTS, DISCARD PARTS, TRASH, PAVEMENT DEBRIS, ETC., AFTER COMPLETING THE GUARDRAIL INSTALLATION.
5. CONNECTION FOR PROPOSED RAIL TO EXISTING RAIL SHALL BE INCIDENTAL TO THE PROPOSED GUARDRAIL ITEMS.
6. SEE SPECIFICATIONS FOR REFLECTIVE SHEETING REQUIREMENTS.
7. TERMINAL UNIT SHALL BE MFLEAT AND MASH CERTIFIED AS MANUFACTURED BY ROAD SYSTEMS INC.

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| NOT TO SCALE | | | |
| No. | Revision | By | Date |
| | | | |

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| Designed by: | | | | | | |
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| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | | |
| | By | Date | | By | Date | |
| | Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| | Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

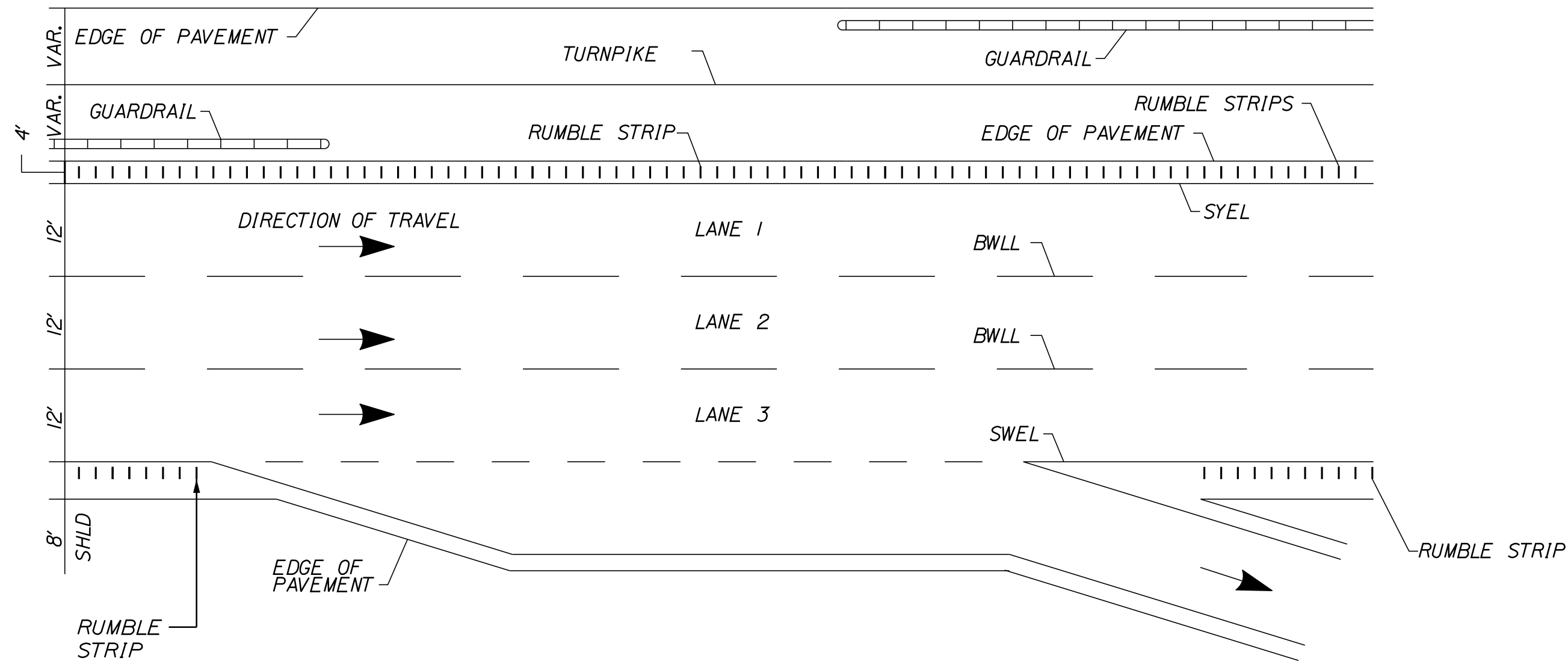
PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
GUARDRAIL DETAILS
(3 OF 3)

SHEET NUMBER: DT-09
31 OF 40

CONTRACT: 2024.01

Filename: ...\\00\HIGHWAY\MSTA\...Details.dgn

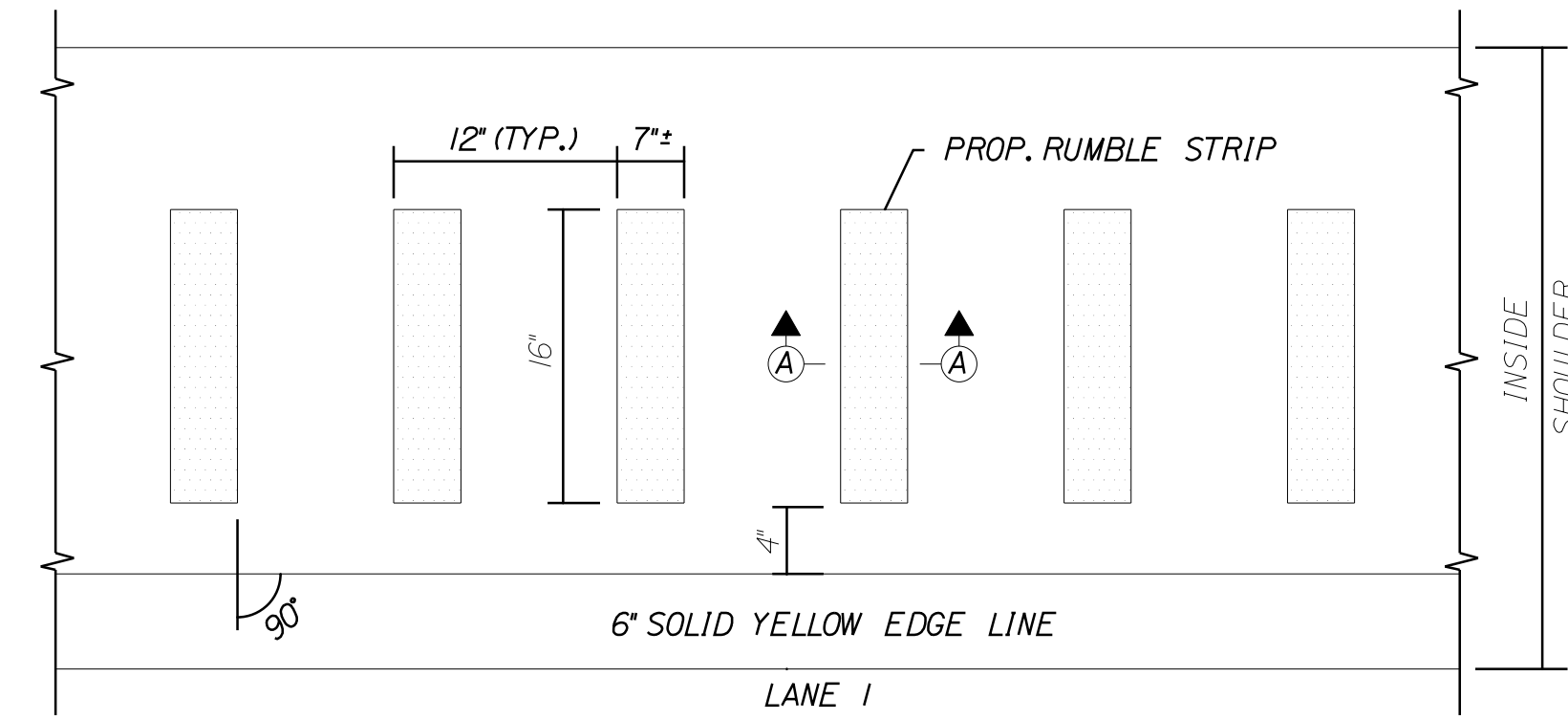
Date: 11/13/2023



LOCATION OF RUMBLE STRIPS AT ENTRANCE AND EXIT RAMP

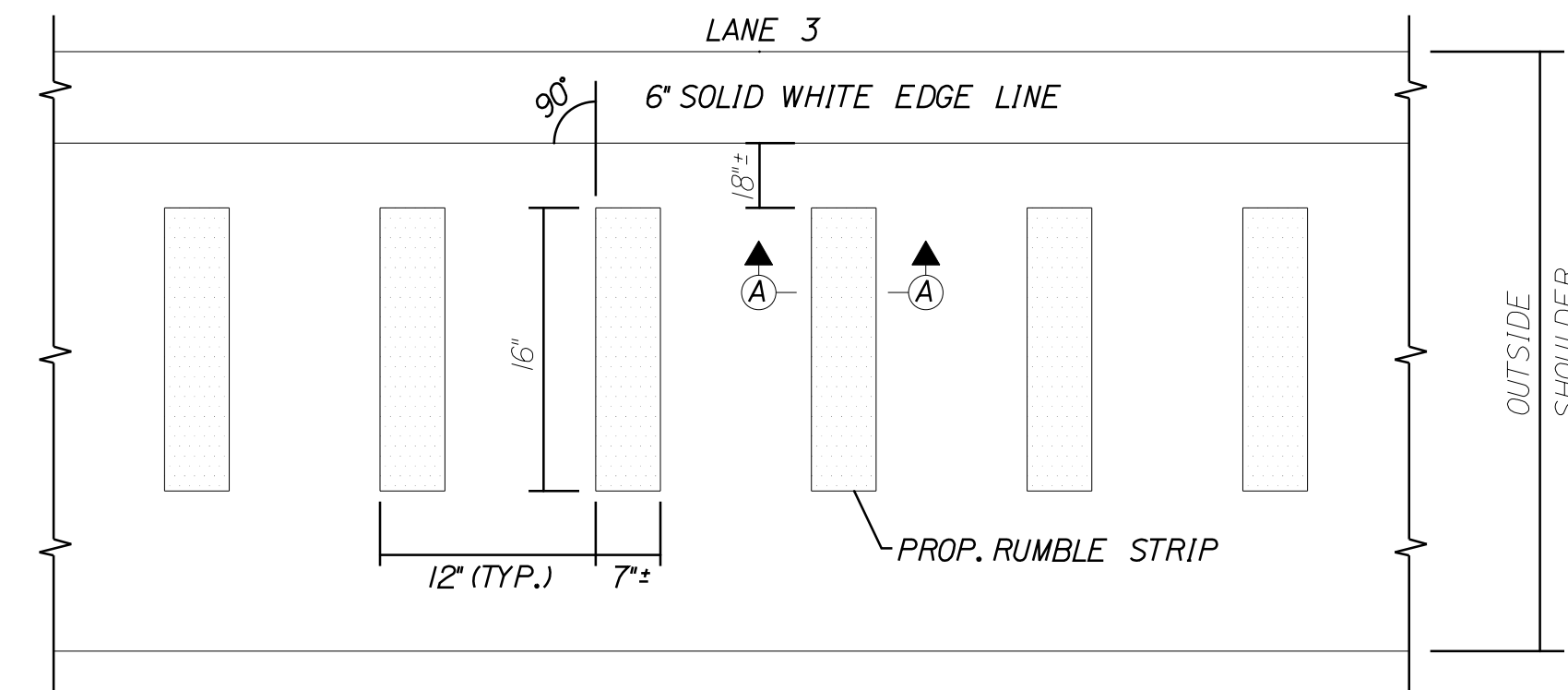
(EXIT RAMP SHOWN, ENTRANCE RAMP SIMILAR)

N.T.S.



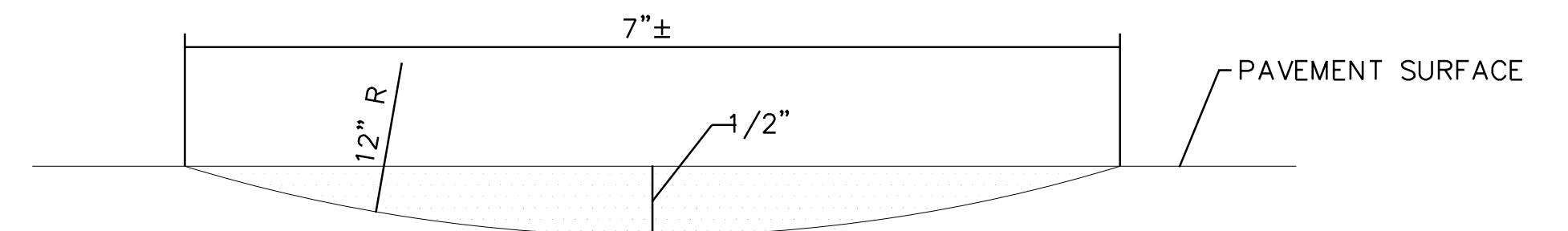
PLAN VIEW - LANE 1

N.T.S.



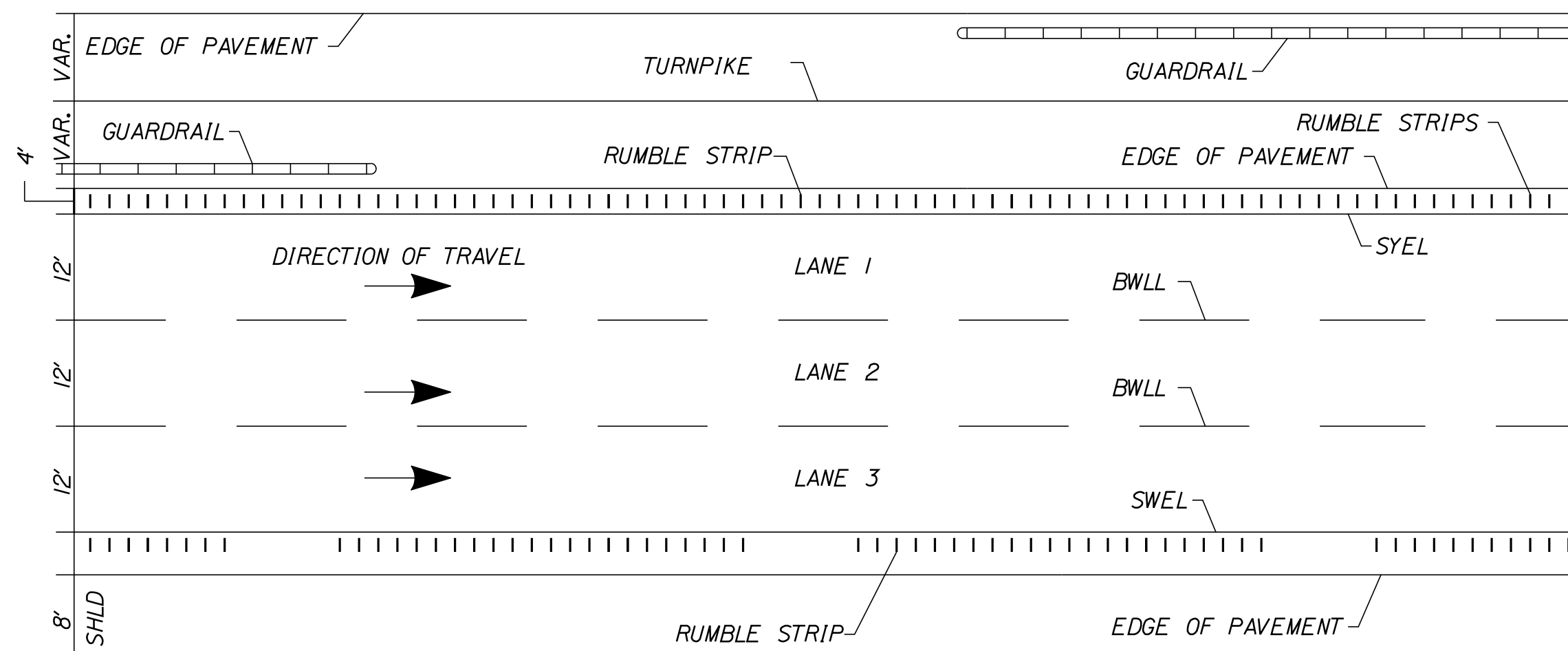
PLAN VIEW - LANE 3

N.T.S.



SECTION A-A

N.T.S.



LOCATION OF RUMBLE STRIPS

N.T.S.

NOTES:

1. INSTALL LANE 3 RUMBLE STRIP WITH A 20' GAP EVERY 100'. (I.E. 80' OF RUMBLE STRIP AND 20' OF NO RUMBLE STRIP; REPEAT...)
2. INSTALL LANE 1 RUMBLE STRIP WITH NO GAPS. A BREAK IN THE LANE 1 RUMBLE STRIP IS REQUIRED FOR A MEDIAN CROSSOVER. SEE RUMBLE STRIP PLACEMENT DETAIL FOR LAYOUT REQUIREMENTS.

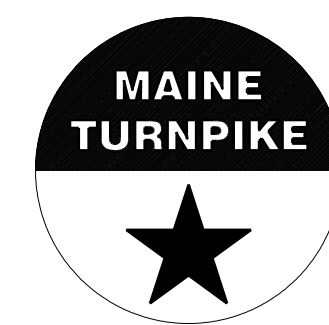
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Scale: **NOT TO SCALE**

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**THE GOLD STAR
MEMORIAL HIGHWAY**

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8

RUMBLE STRIP DETAILS

| No. | Revision | By | Date |
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CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

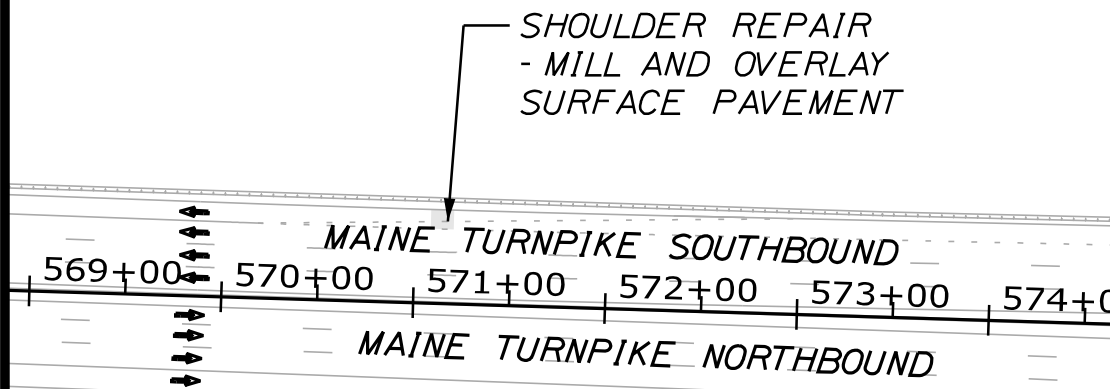
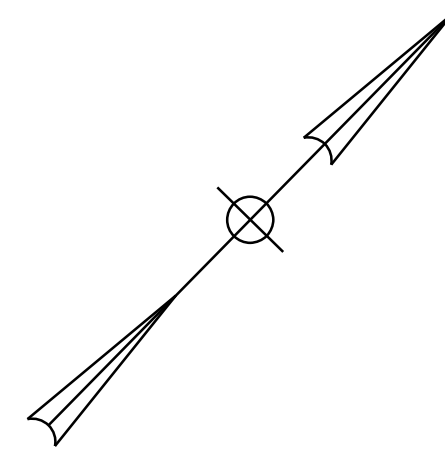
| | By | Date | | By | Date |
|----------|-----|-------|--------------|-----|-------|
| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

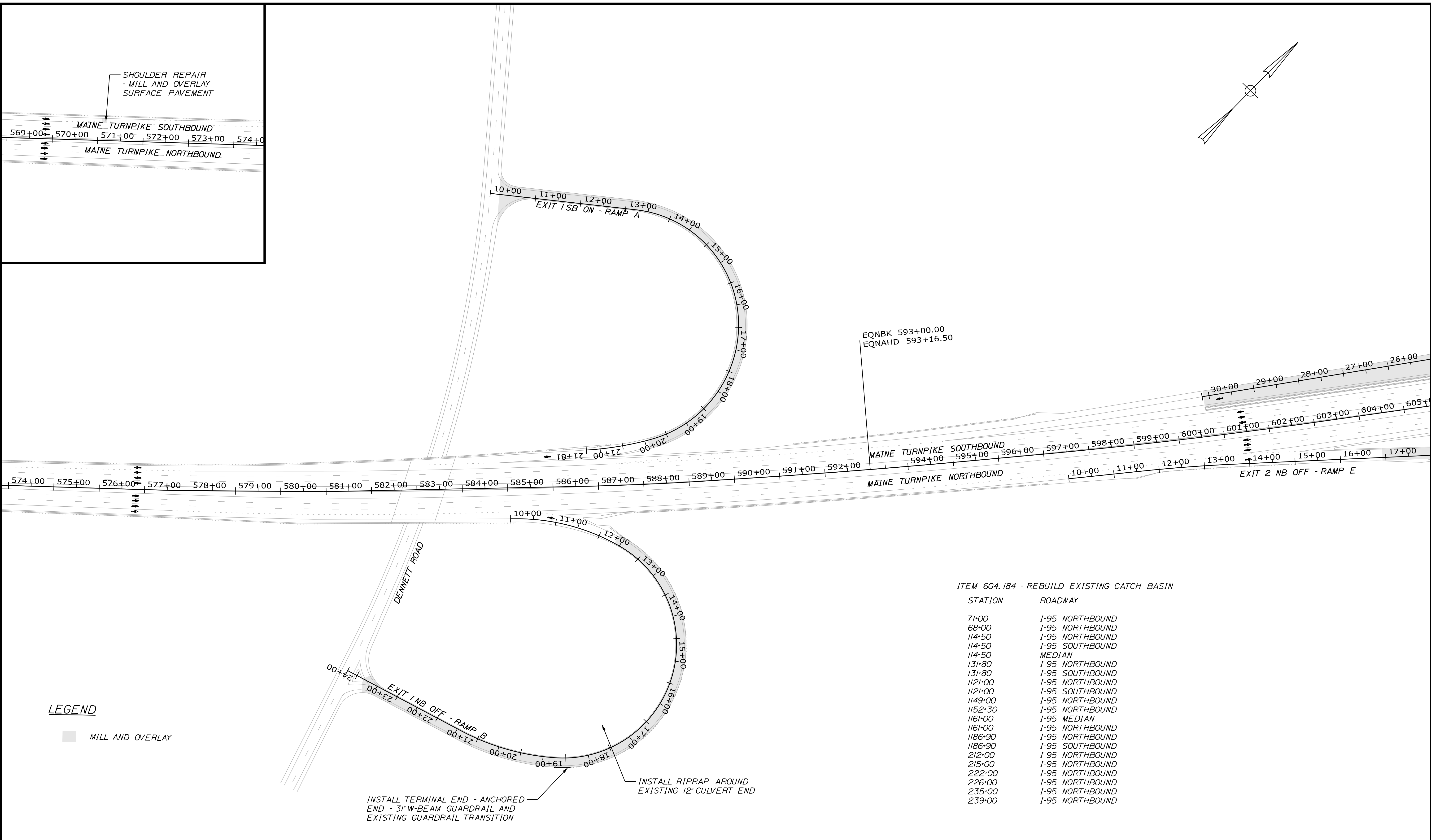
CONTRACT: 2024.01

SHEET NUMBER: DT-10

32 OF 40



Date: 11/13/2023



EQNBK 593+00.00
EQNAHD 593+16.50

ITEM 604.184 - REBUILD EXISTING CATCH BASIN

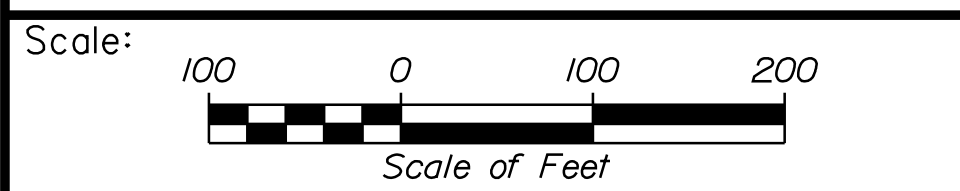
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|---------|-----------------|
| 71-00 | I-95 NORTHBOUND |
| 68-00 | I-95 NORTHBOUND |
| 114-50 | I-95 NORTHBOUND |
| 114-50 | I-95 SOUTHBOUND |
| 114-50 | MEDIAN |
| 131-80 | I-95 NORTHBOUND |
| 131-80 | I-95 SOUTHBOUND |
| 1121-00 | I-95 NORTHBOUND |
| 1121-00 | I-95 SOUTHBOUND |
| 1149-00 | I-95 NORTHBOUND |
| 1152-30 | I-95 NORTHBOUND |
| 1161-00 | I-95 MEDIAN |
| 1161-00 | I-95 NORTHBOUND |
| 1186-90 | I-95 NORTHBOUND |
| 1186-90 | I-95 SOUTHBOUND |
| 212-00 | I-95 NORTHBOUND |
| 215-00 | I-95 NORTHBOUND |
| 222-00 | I-95 NORTHBOUND |
| 226-00 | I-95 NORTHBOUND |
| 235-00 | I-95 NORTHBOUND |
| 239-00 | I-95 NORTHBOUND |

LEGEND

■ MILL AND OVERLAY

INSTALL TERMINAL END - ANCHORED END - 3" W-BEAM GUARDRAIL AND EXISTING GUARDRAIL TRANSITION

INSTALL RIPRAP AROUND EXISTING 12" CULVERT END



Designed by:

Stantec

| | | | | | |
|---|-----|-------|--------------|------|-------|
| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
| | By | Date | By | Date | |
| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

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THE GOLD STAR MEMORIAL HIGHWAY

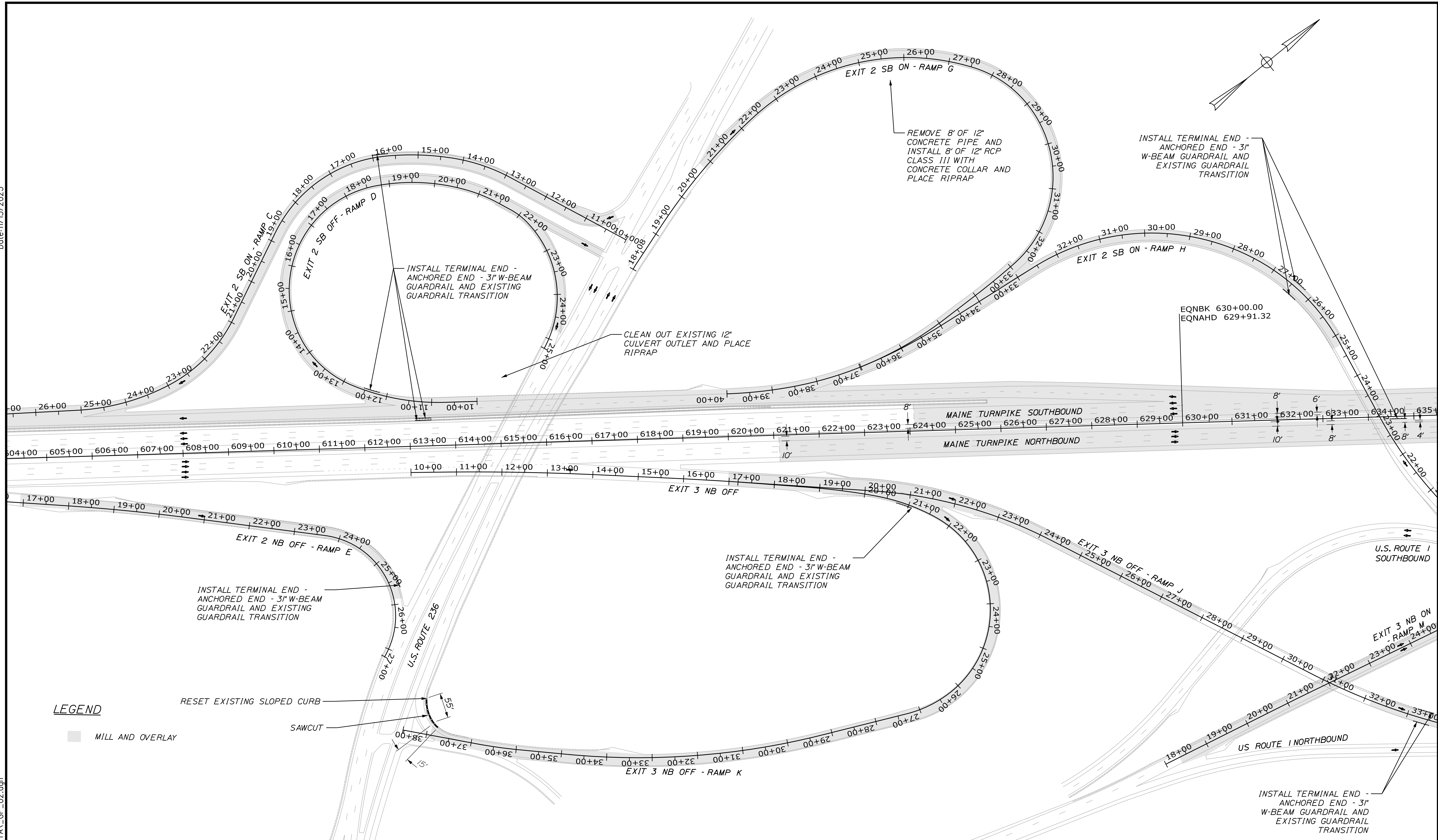
**PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
GENERAL PLAN
(1 OF 8)**

Filename: ...\\000.HIGHWAY\MSTA\...GP_01.dgn

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

Date: 11/13/2023

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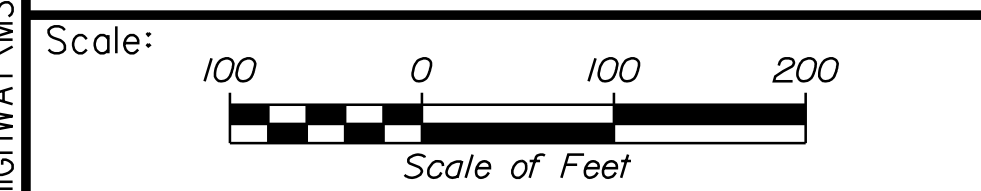


LEGEND

MILL AND OVERLAY

RESET EXISTING SLOPED CURB

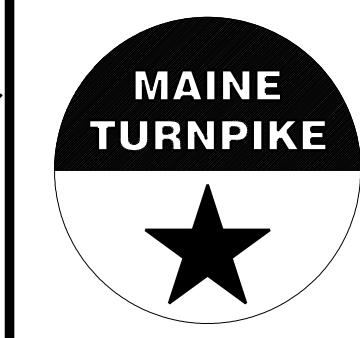
SAWCUT



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**THE GOLD STAR
MEMORIAL HIGHWAY**

**PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
GENERAL PLAN
(2 OF 8)**

| No. | Revision | By | Date |
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CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
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| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

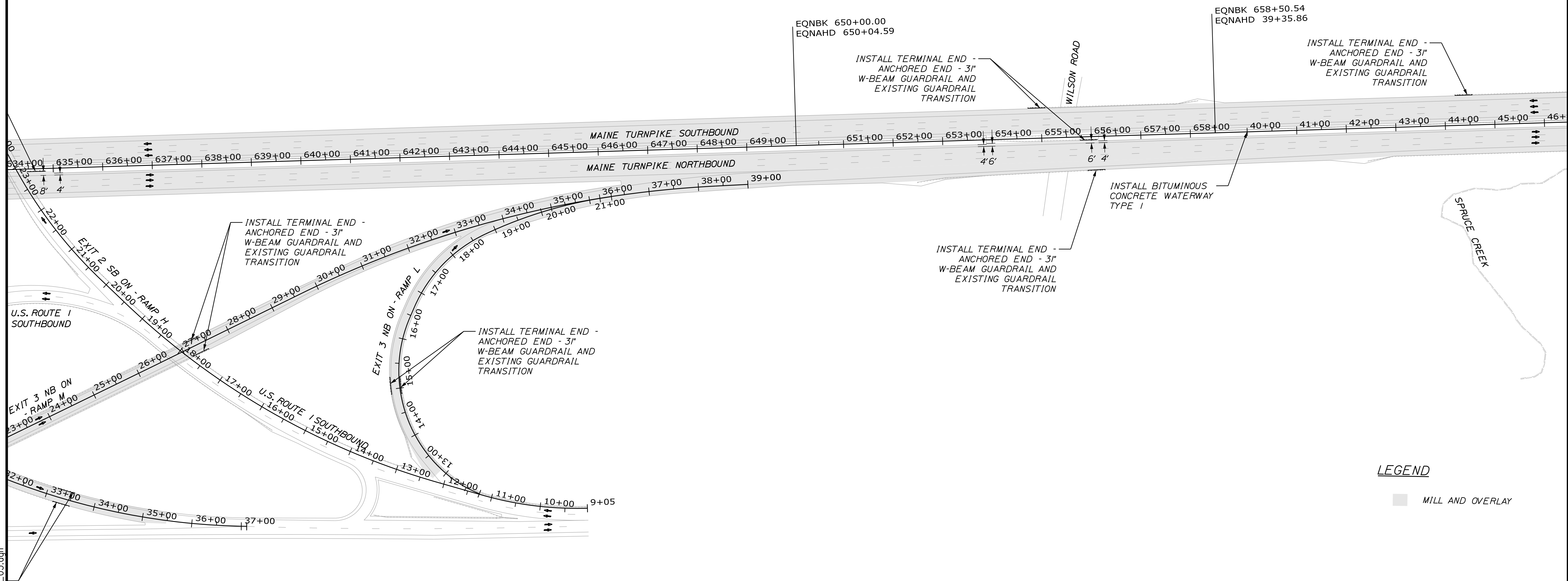
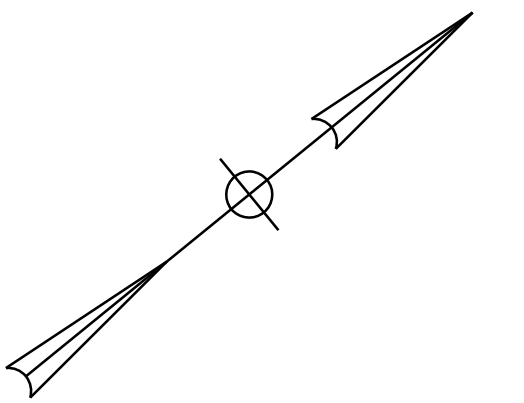
MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

CONTRACT: 2024.01

SHEET NUMBER: GP-02

34 OF 40

Date: 11/13/2023



Filename: ...100\HIGHWAY\MSTA\...GP_03.dgn

Scale: 100 0 100 200
Scale of Feet

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Designed by:

CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
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| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

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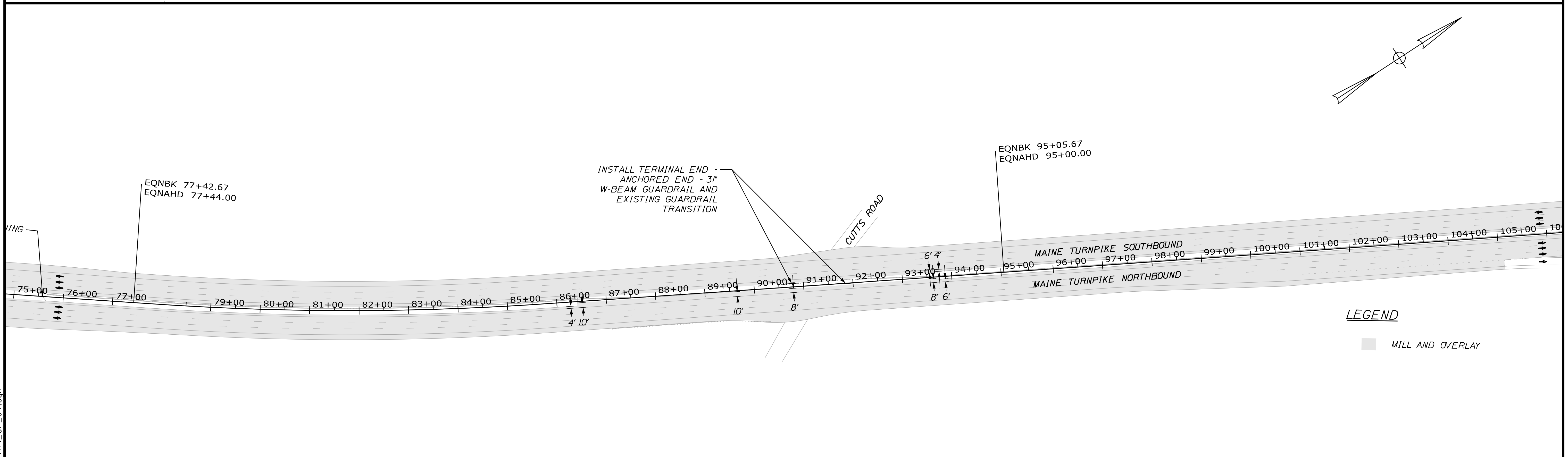
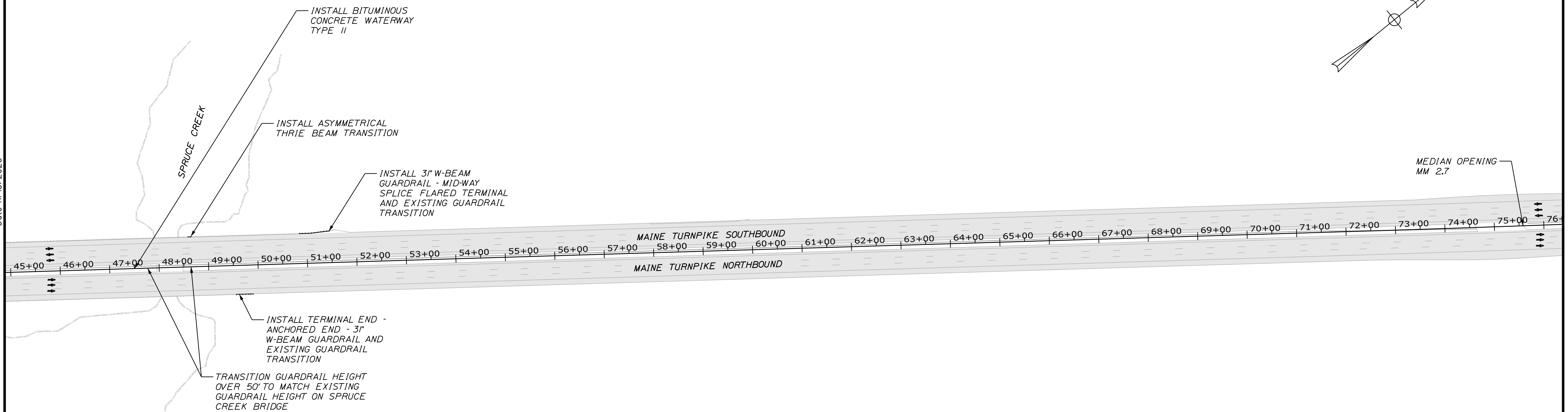
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
GENERAL PLAN
(3 OF 8)

SHEET NUMBER: GP-03
CONTRACT: 2024.01
95 OF 40

Date: 11/13/2023



LEGEND
 ■ MILL AND OVERLAY

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CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
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| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

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MAINE TURNPIKE

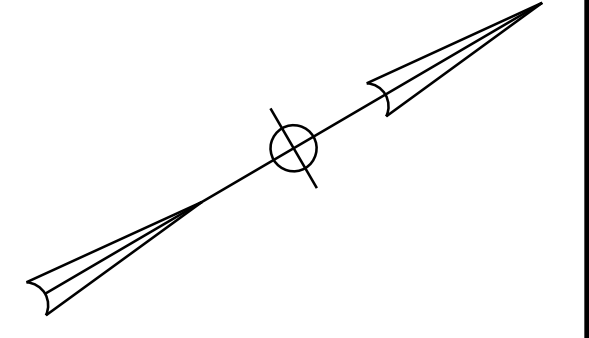
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

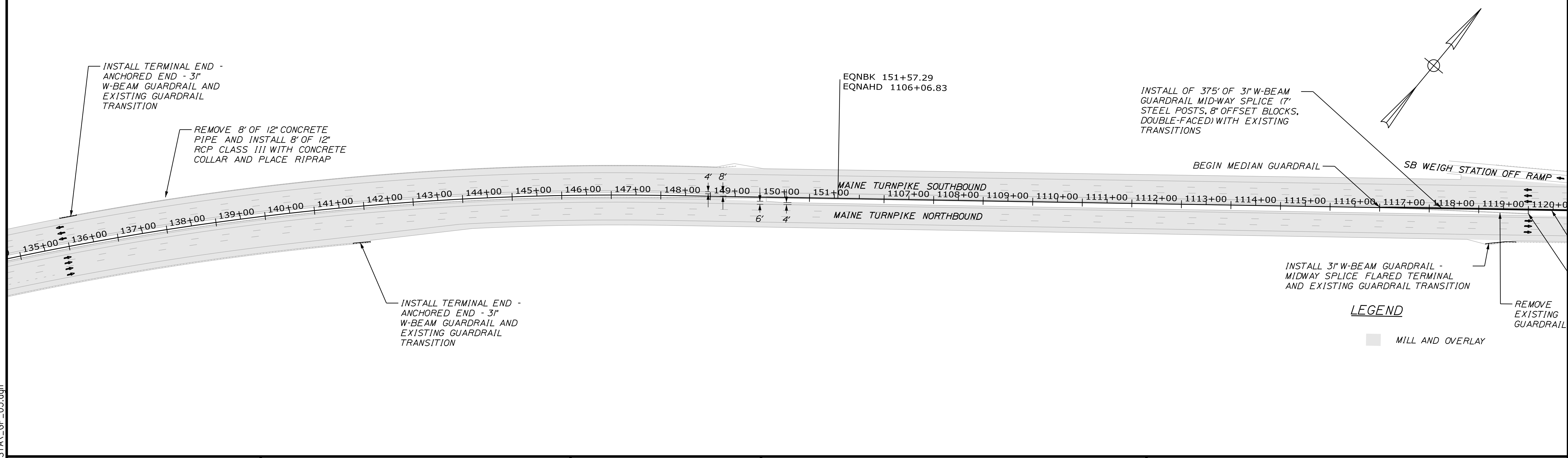
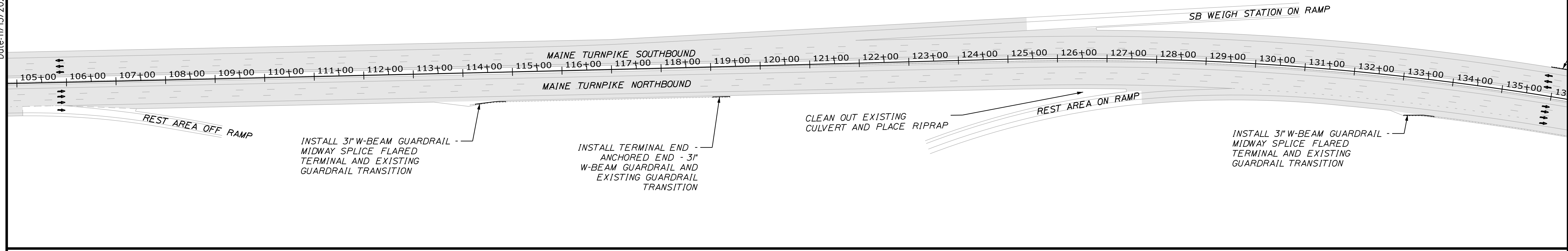
PAVEMENT REHABILITATION
 EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
 GENERAL PLAN
 (4 OF 8)

SHEET NUMBER: GP-04
 36 OF 40

CONTRACT: 2024.01



Date: 11/13/2023



LEGEND
 MILL AND OVERLAY

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CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | Checked | By | Date |
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| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

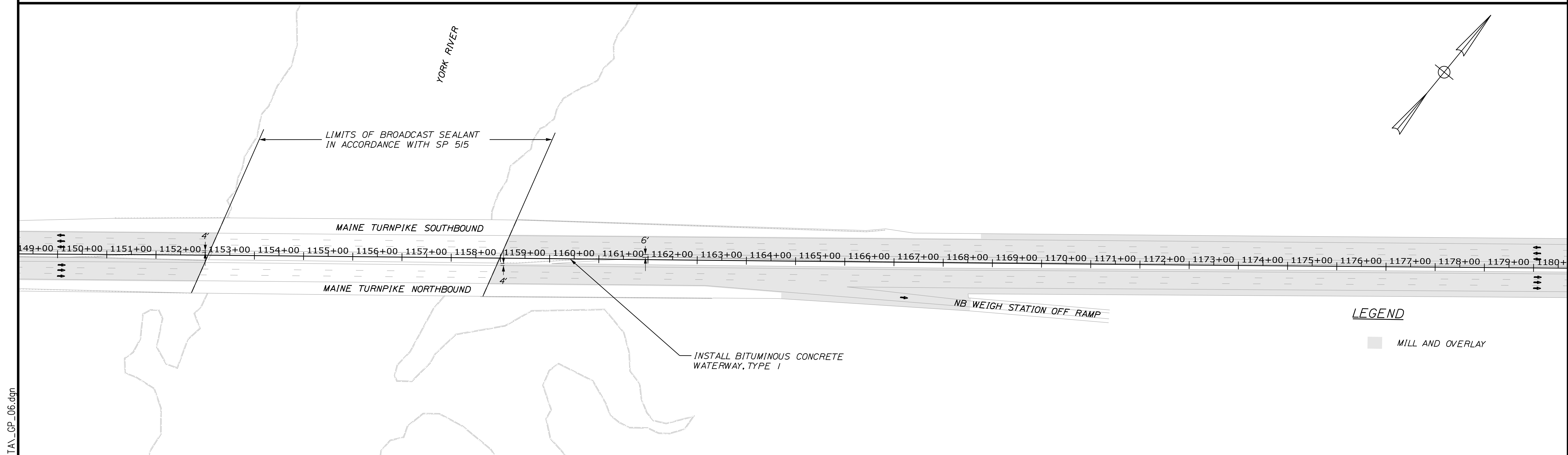
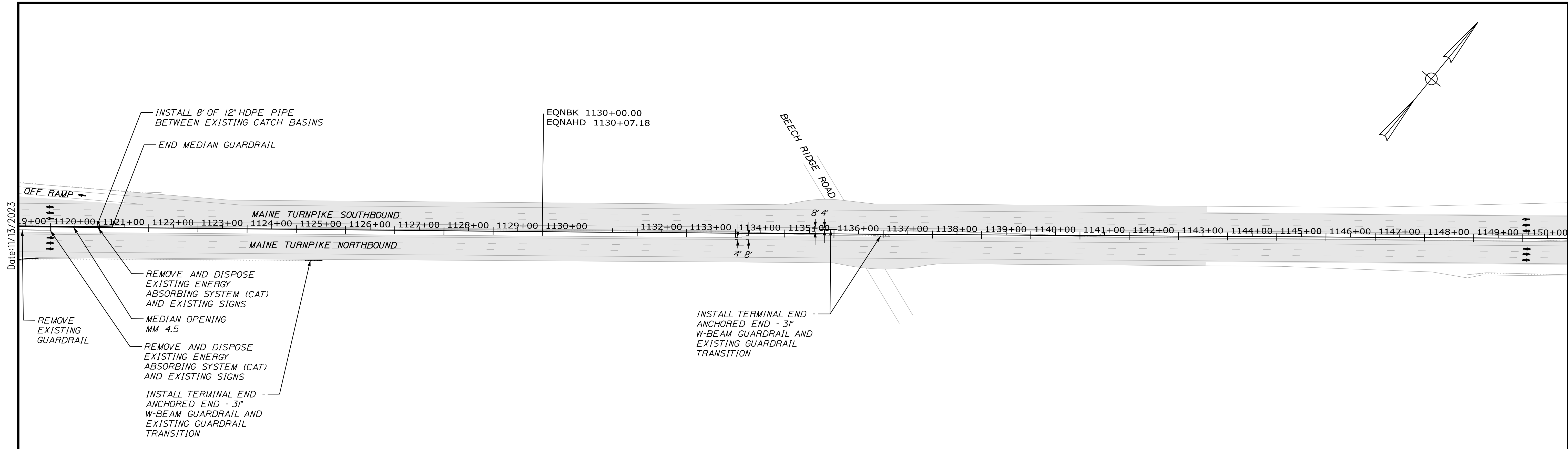
STANTEC CONSULTING SERVICES INC.
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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
 EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
 GENERAL PLAN
 (5 OF 8)

SHEET NUMBER: GP-05
 CONTRACT: 2024.01
 37 OF 40



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| No. | Revision | By | Date |
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CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
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| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
GENERAL PLAN
(6 OF 8)

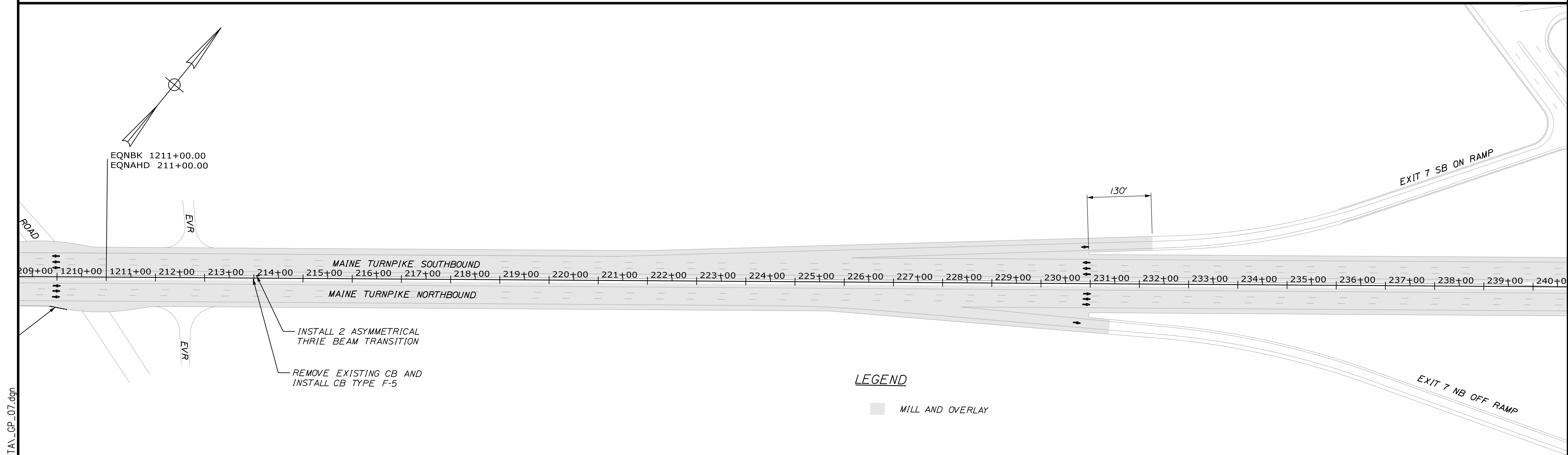
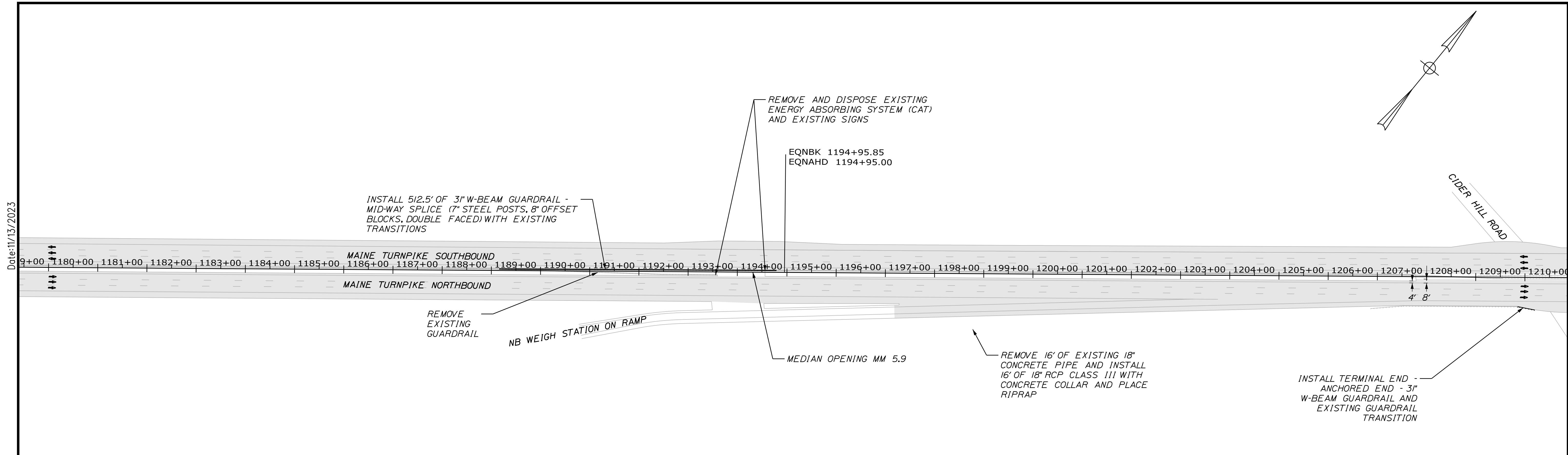
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38 OF 40

CONTRACT: 2024.01

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Date: 11/13/2023

Date: 11/13/2023



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CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E.

| | By | Date | | By | Date |
|----------|-----|-------|--------------|-----|-------|
| Designed | JRH | 10\23 | Checked | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

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MAINE TURNPIKE

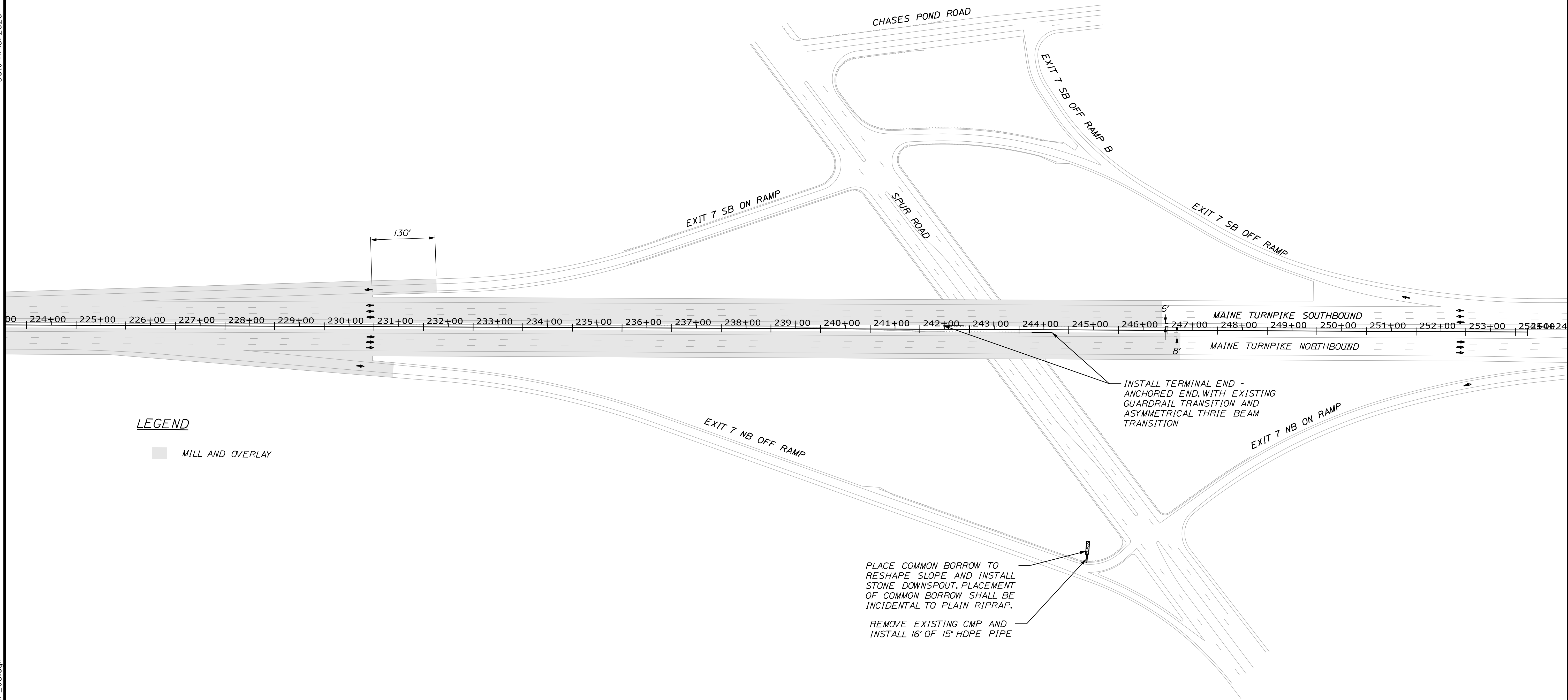
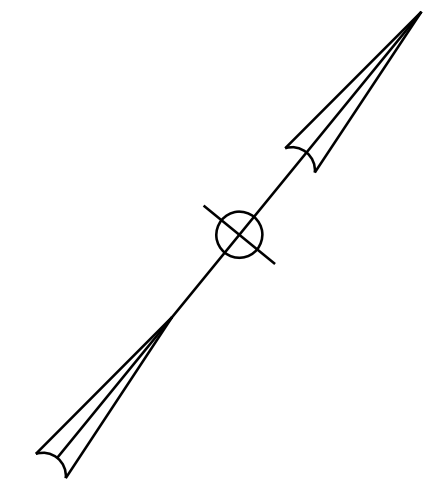
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
GENERAL PLAN
(7 OF 8)

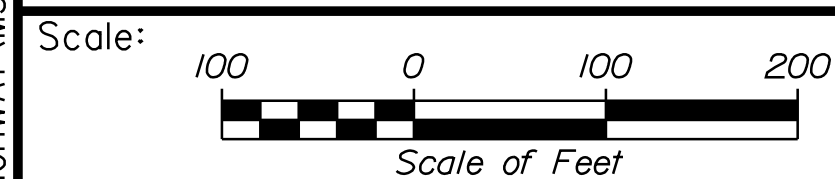
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CONTRACT: 2024.01
9 OF 40

Date: 11/13/2023



LEGEND

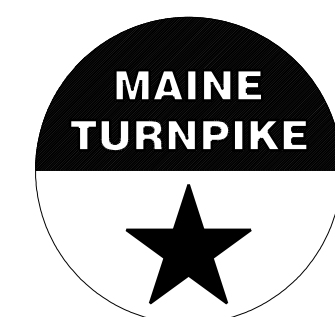
■ MILL AND OVERLAY



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**THE GOLD STAR
MEMORIAL HIGHWAY**

**PAVEMENT REHABILITATION
EXITS 1, 2 & 3 AND MM 1.3 TO MM 6.8
GENERAL PLAN
(8 OF 8)**

| No. | Revision | By | Date |
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| CONSULTANT PROJECT MANAGER: JOSEPH HOWE, P.E. | | | | | |
|---|-----|-------|--------------|-----|-------|
| | By | Date | Checked | By | Date |
| Designed | JRH | 10\23 | LEM | LEM | 10\23 |
| Drawn | CHL | 10\23 | In Charge of | LEM | 10\23 |

MTA PROJECT MANAGER: RYAN BARNES, PE, CPESC

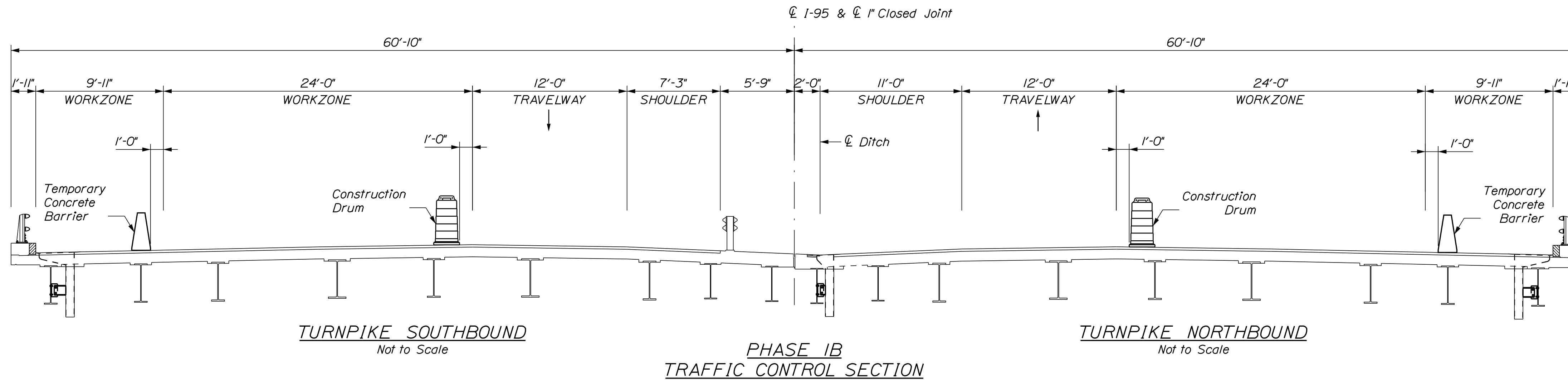
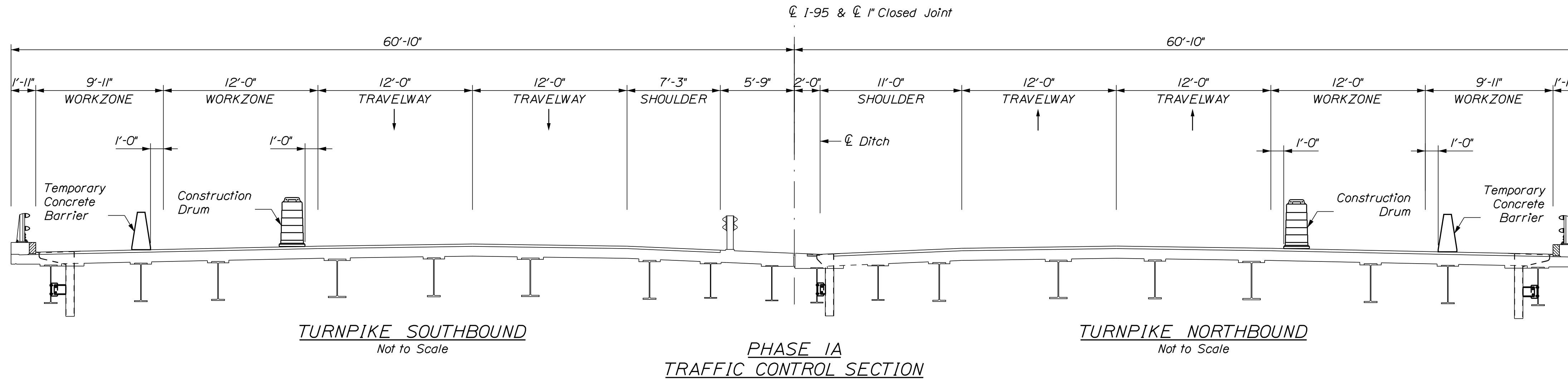
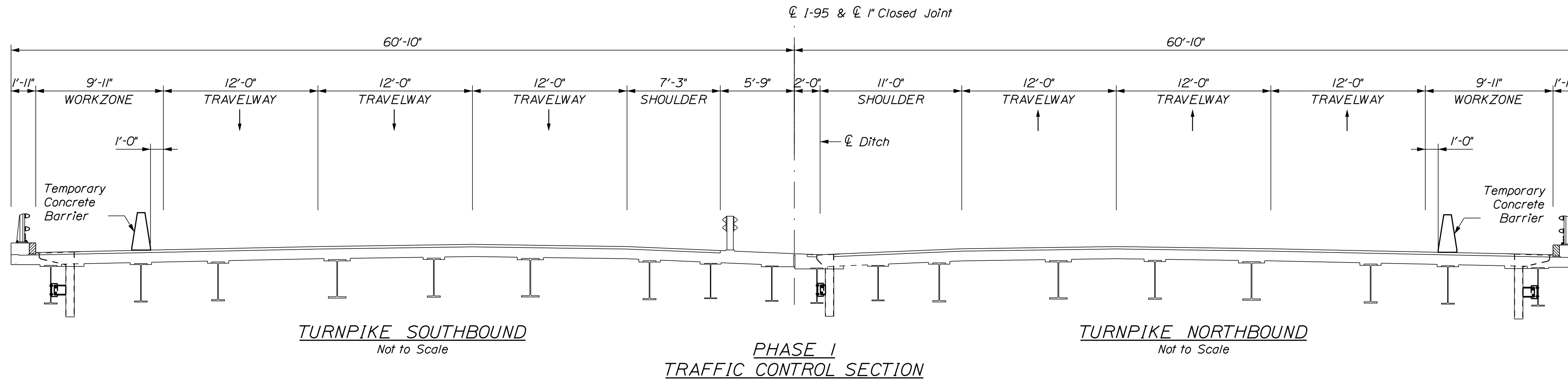
CONTRACT: 2024.01

SHEET NUMBER: GP-08

40 OF 40

Filename: ...:\00\HIGHWAY\MSTA\GP_08.dgn

Date: 11/3/2023



Filename: ... \OAL_BTyp_Traffic_01.dgn

Scale: AS NOTED

Designed by:



VANASSE HANGEN BRUSTLIN, INC.
 500 Southborough Dr.
 Suite 105B
 South Portland, ME 04106
 TEL (207) 889-3150
 FAX (207) 253-5596



THE GOLD STAR
 MEMORIAL HIGHWAY

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 LANE CLOSURE CRITICAL SECTIONS (1 OF 2)

| No. | Revision | By | Date |
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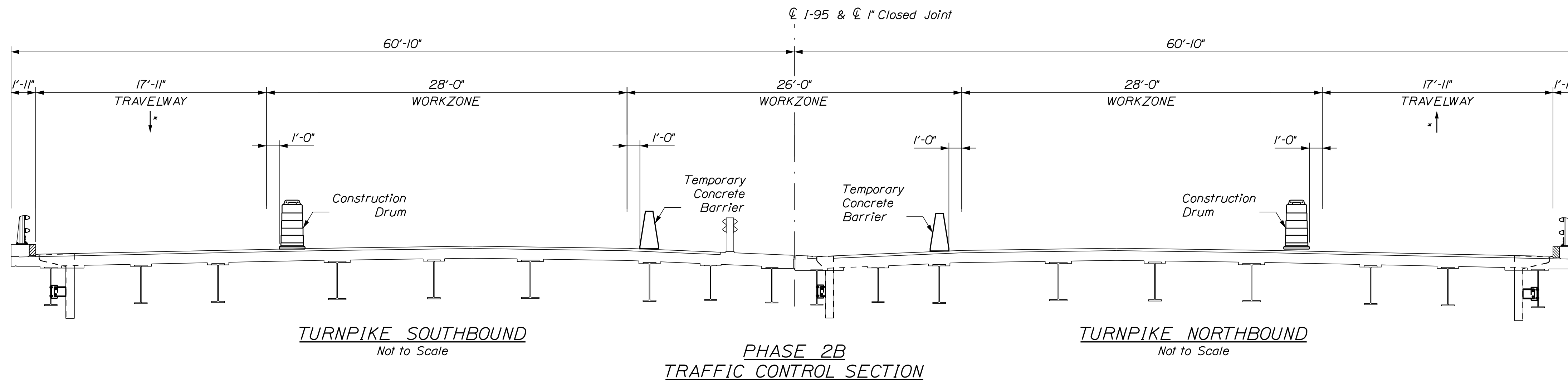
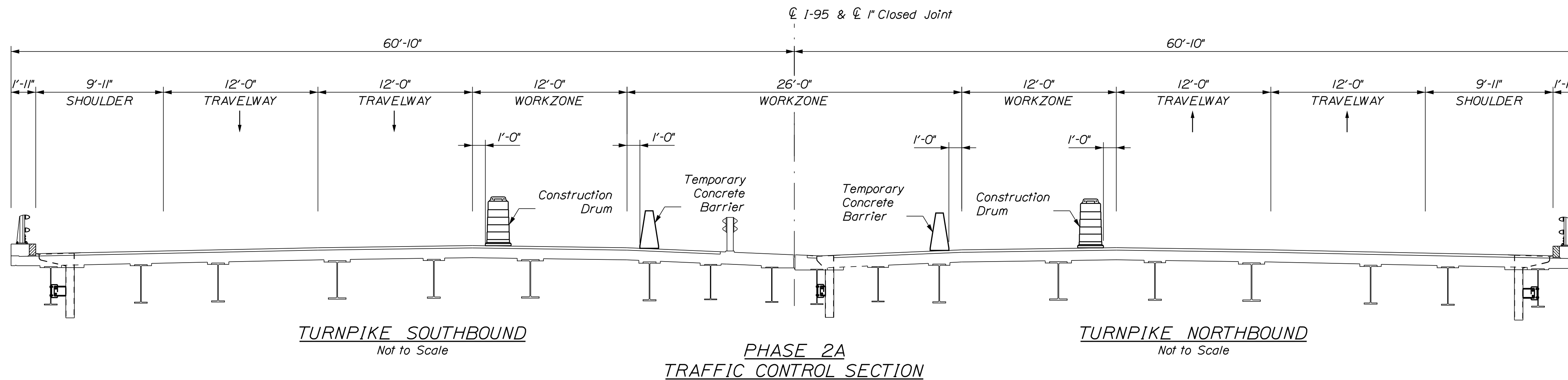
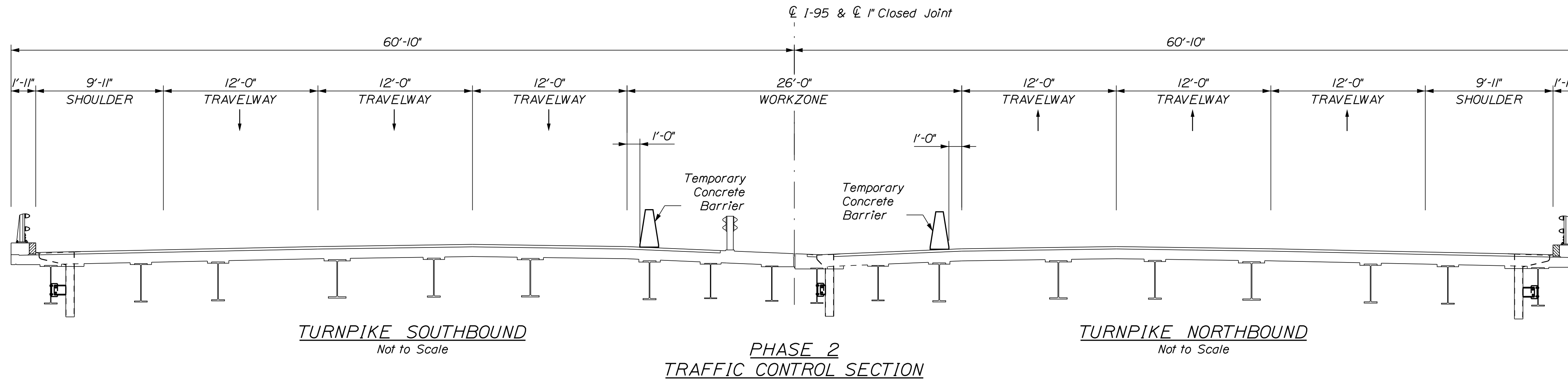
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
| | By | Date | | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A1
 1 OF A40

Date: 11/13/2023



* MAY BE REDUCED TO 13'-11" FOR JOINT REHABILITATION WORK.

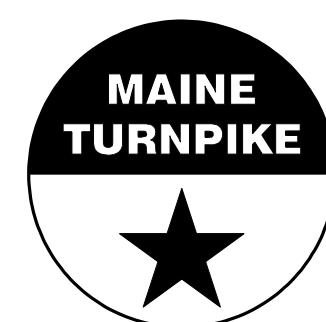
Filename: ...\\O02_BIyp_Traffic_02.dgn

Scale: AS NOTED

Designed by:



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TEL (207) 889-3150
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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
LANE CLOSURE CRITICAL SECTIONS (2 OF 2)

| No. | Revision | By | Date |
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
| | By | Date | | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

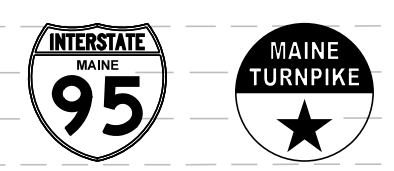
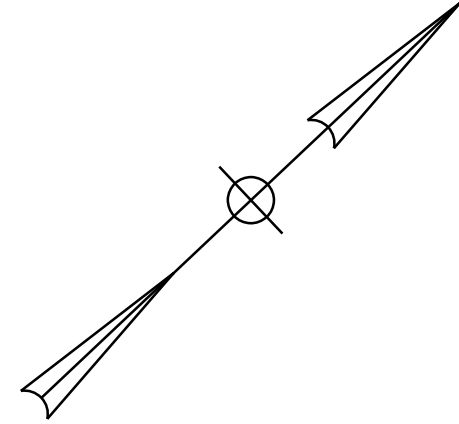
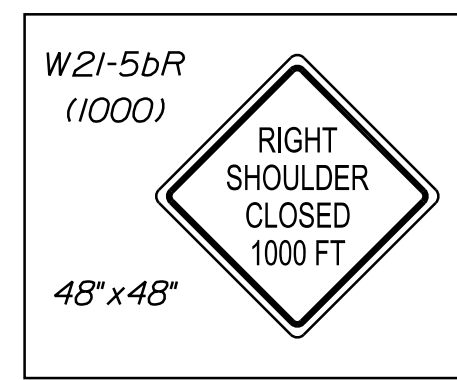
VHB: 55345.00

SHEET NUMBER: A2

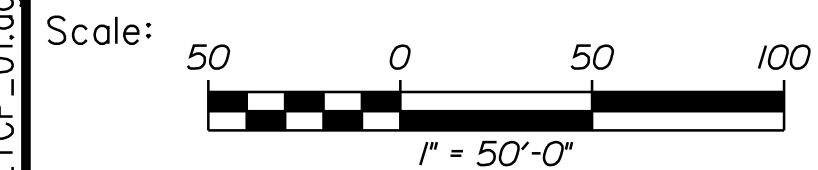
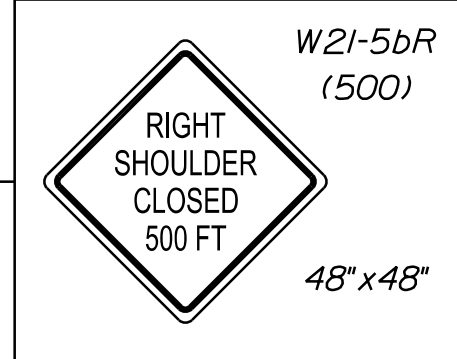
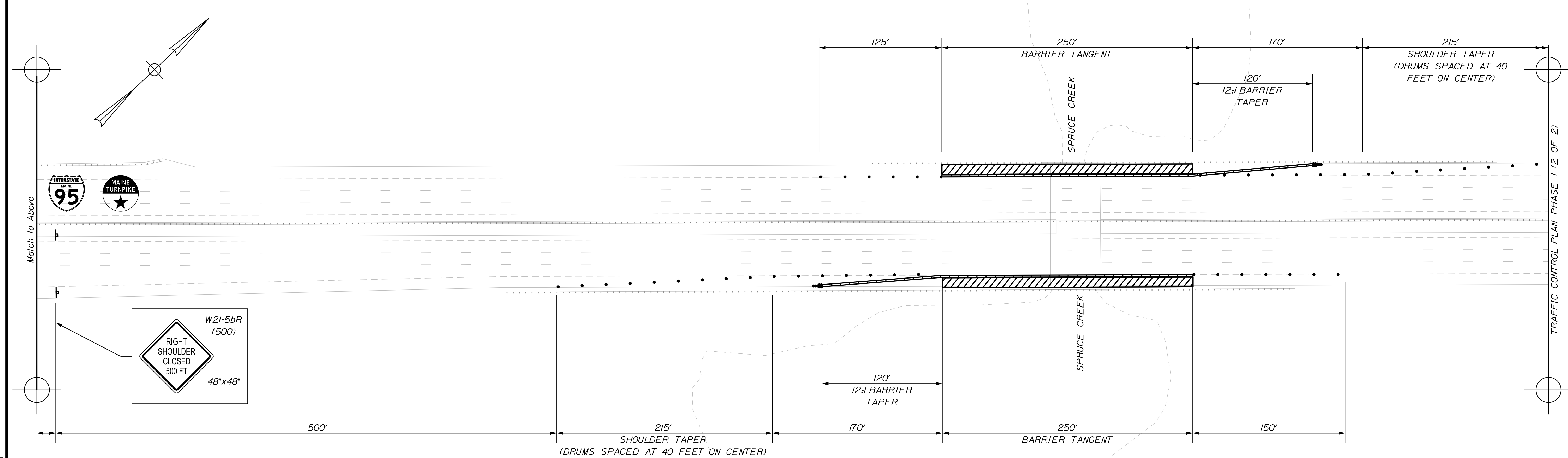
CONTRACT: 2024.01

2 OF A40


Work Anticipated to Occur During Phase I Generally Includes the Following:
 Replacement/Removal of Existing Right Shoulder Bridge Drains
 Replacement of Bridge Rail Transition
 Repairs to Fascia Curbs and Transition Barriers
 Modifications to Existing NB Bridge Compression Joints in the Right Shoulder, Including:
 - Place Traffic Control Devices for Maintenance of Traffic
 - Removal of Existing Compression Seal
 - Full Depth Removal of Pavement to the Limits Shown on the Joint Modification Details Sheet
 - Removal of Top Portion of Existing Joint Steel to Top of Bridge Deck Elevation
 - Installation of Elastomeric Concrete on Backwall
 - Installation of Backer Rod, Bearing Plate and Centering Nails
 - Placement of Temporary Pavement
 The Contractor May Propose Alternate Work Plan for This Phase to The Resident for Approval.



Date: 11/10/2023



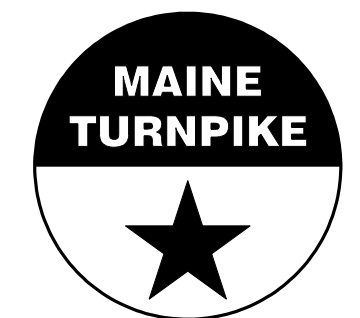
Designed by:



| No. | Revision | By | Date |
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| CONSULTANT PROJECT MANAGER: G. Edington | | | |
|---|-----|---------|--------------------------|
| | By | Date | |
| Designed | MEB | 11/3/23 | Checked GME 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of TSB 11/3/23 |

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 1 (1 OF 2)

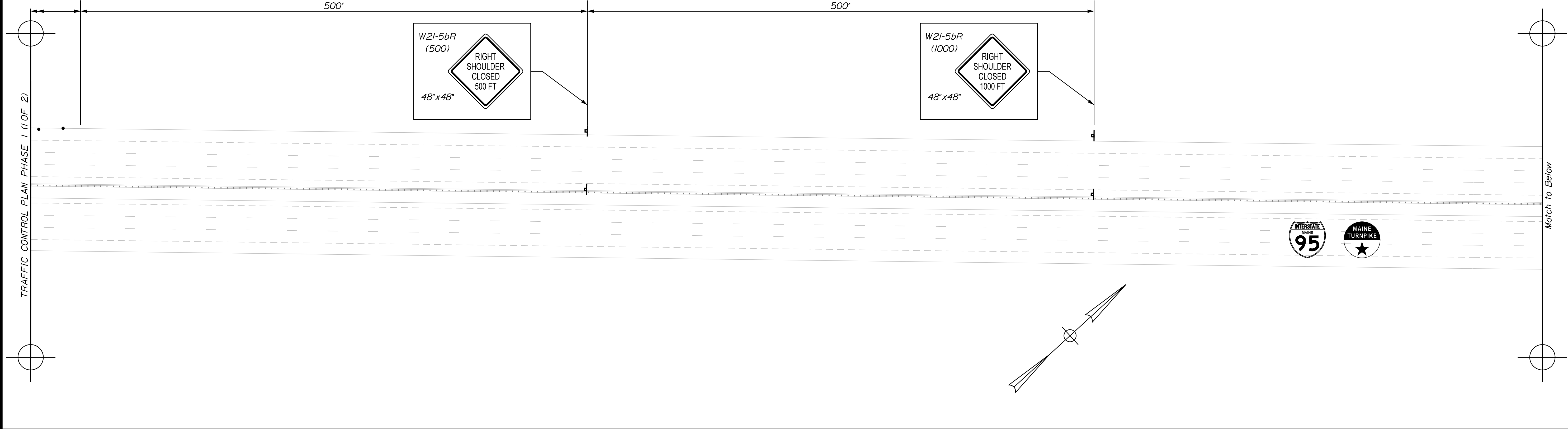
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 CONTRACT: 2024.01 3 OF A40

Filename: ... \0A3_TCP_01.dgn

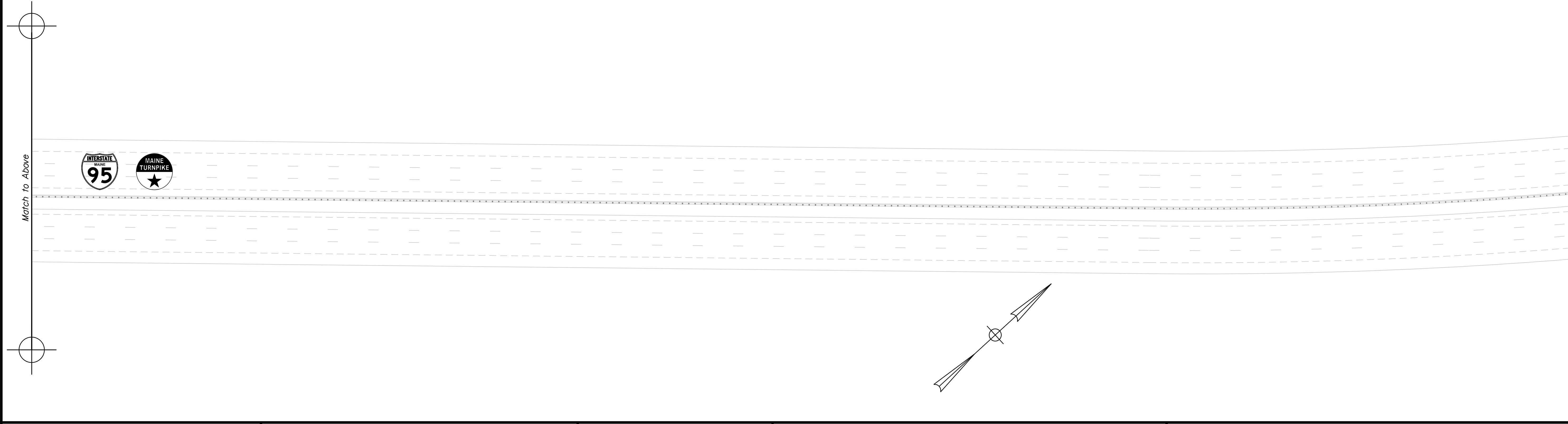
Date: 11/3/2023

TRAFFIC CONTROL PLAN PHASE 1 (1 OF 2)

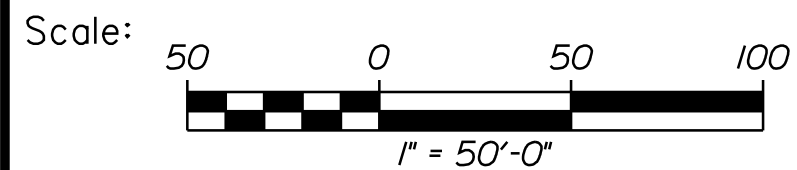
Match to Below



Match to Above



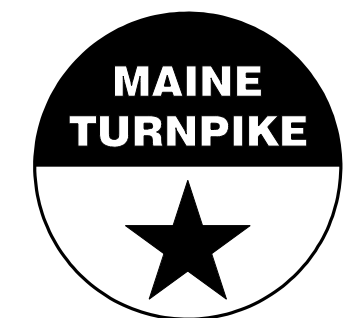
Filename: ...0A4_TCP_02.dgn



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**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 1 (2 OF 2)

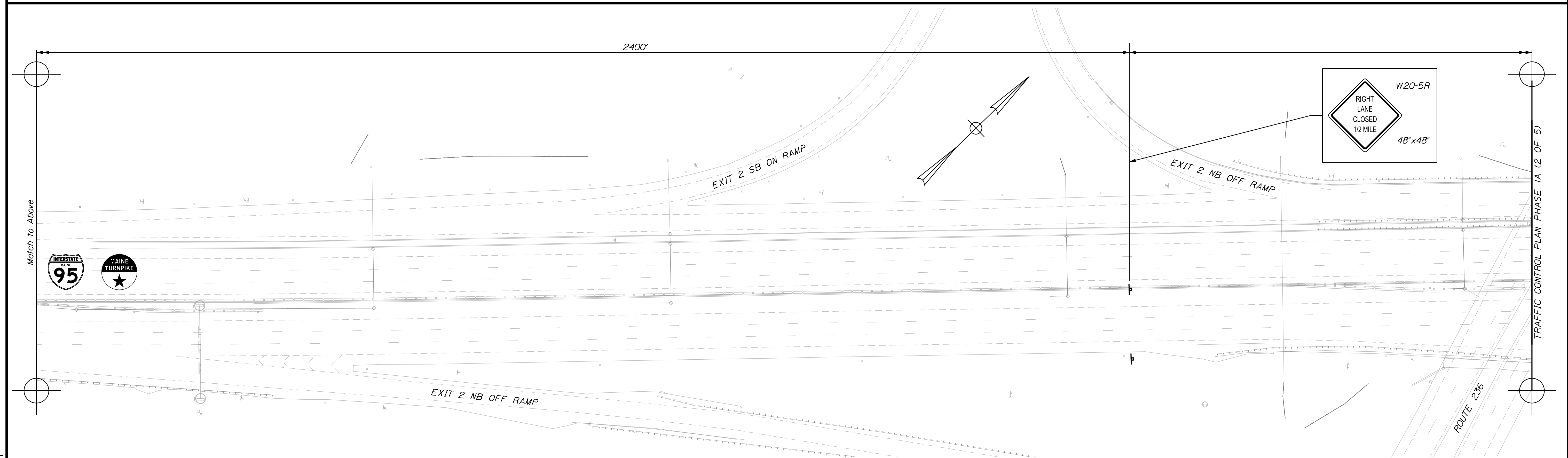
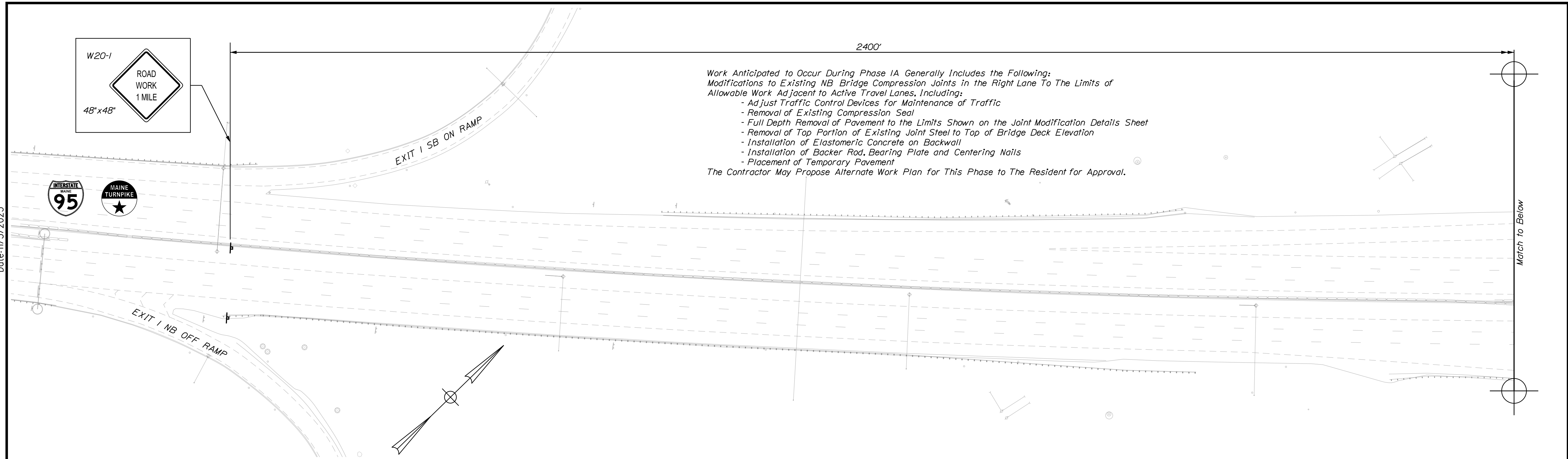
| No. | Revision | By | Date |
|-----|----------|----|------|
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
|---|-----|---------|--------------|-----|---------|
| | By | Date | Checked | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

VHB: 55345.00 SHEET NUMBER: A4
 CONTRACT: 2024.01 **4 OF A40**

Date: 11/3/2023



Filename: ...0A5_TCP_03.dgn

Scale: 1" = 50'-0"

| No. | Revision | By | Date |
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Designed by:

CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

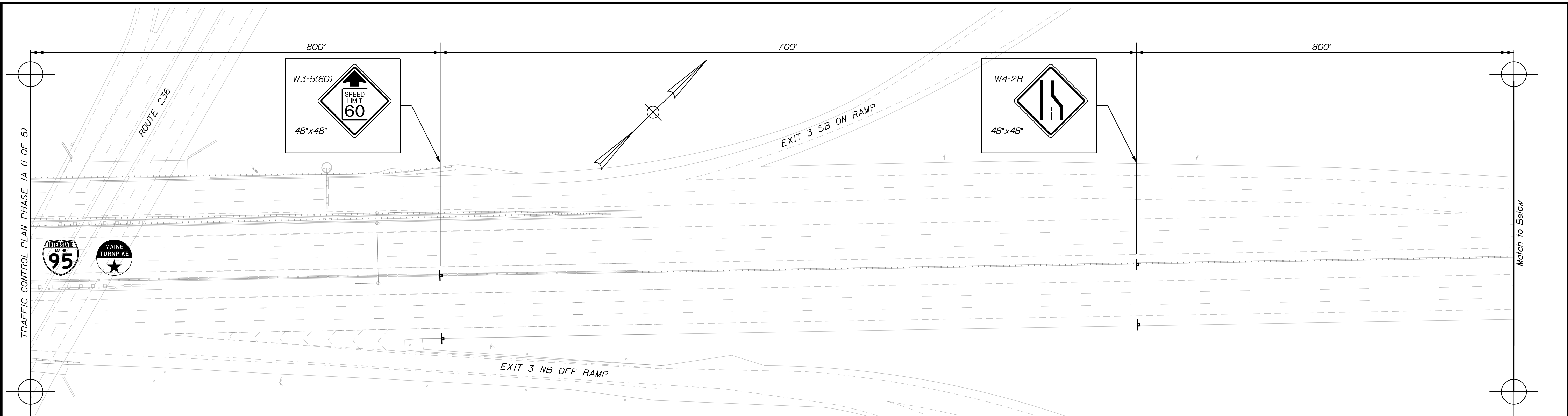
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 1A (1 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

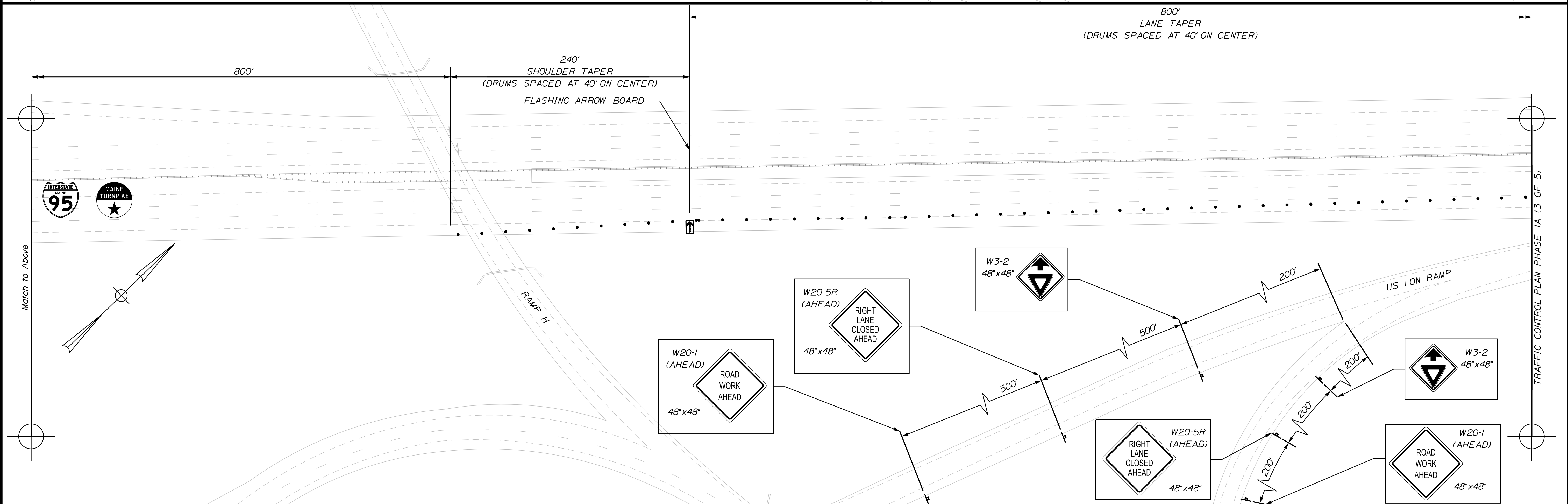
SHEET NUMBER: A5
 5 OF A40

Date: 11/3/2023

TRAFFIC CONTROL PLAN PHASE 1A (1 OF 5)



Match to Below




Match to Above

TRAFFIC CONTROL PLAN PHASE 1A (3 OF 5)

Scale: 1" = 50'-0"

| No. | Revision | By | Date |
|-----|----------|----|------|
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Designed by:



CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

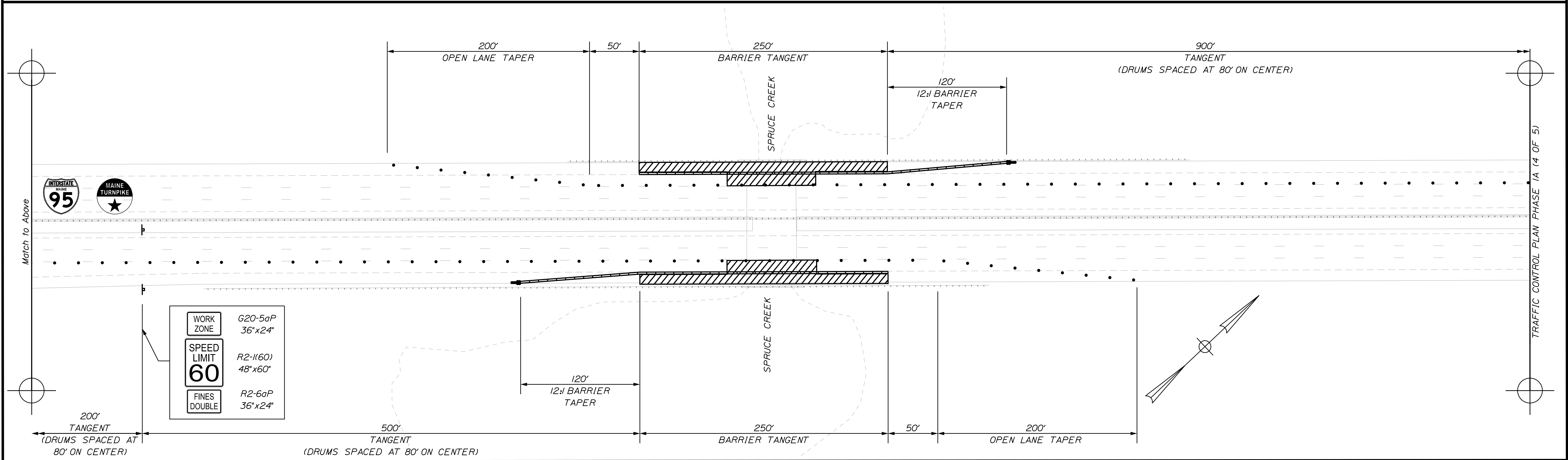
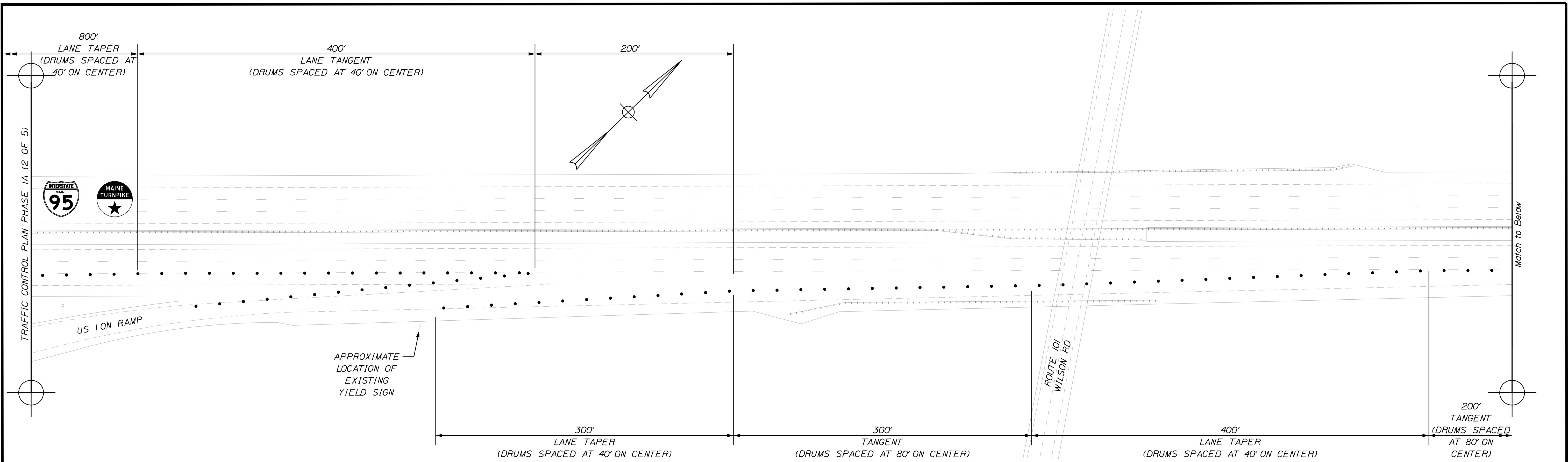
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 1A (2 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

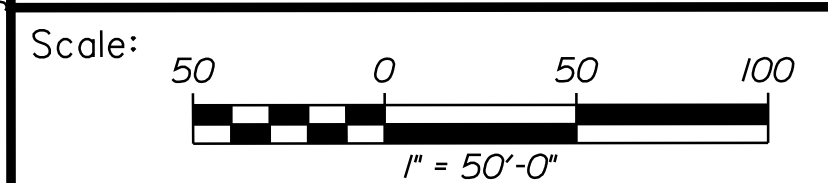
SHEET NUMBER: A6
 6 OF A40

Filename: ... \0A6_TCP_04.dgn

Date: 11/3/2023



| | |
|--------------|---------------------|
| WORK ZONE | G20-5aP 36"x24" |
| SPEED LIMIT | R2-1(60) 48"x60" |
| 60 | |
| FINES DOUBLE | R2-6aP 36"x24" |



Designed by:

vhb

CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | By | Date | |
|----------|-----|---------|--------------|------|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

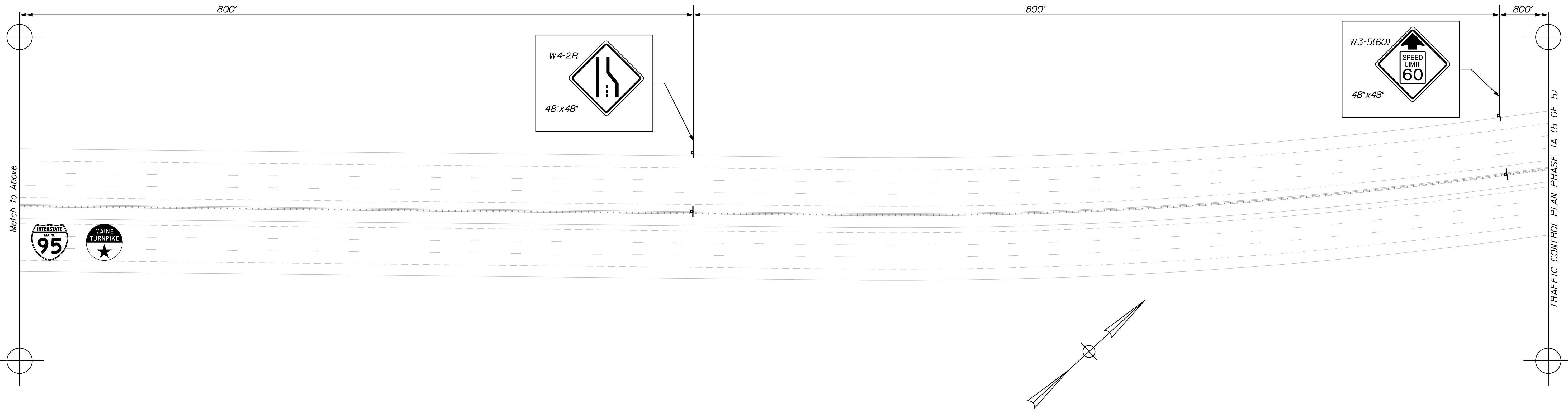
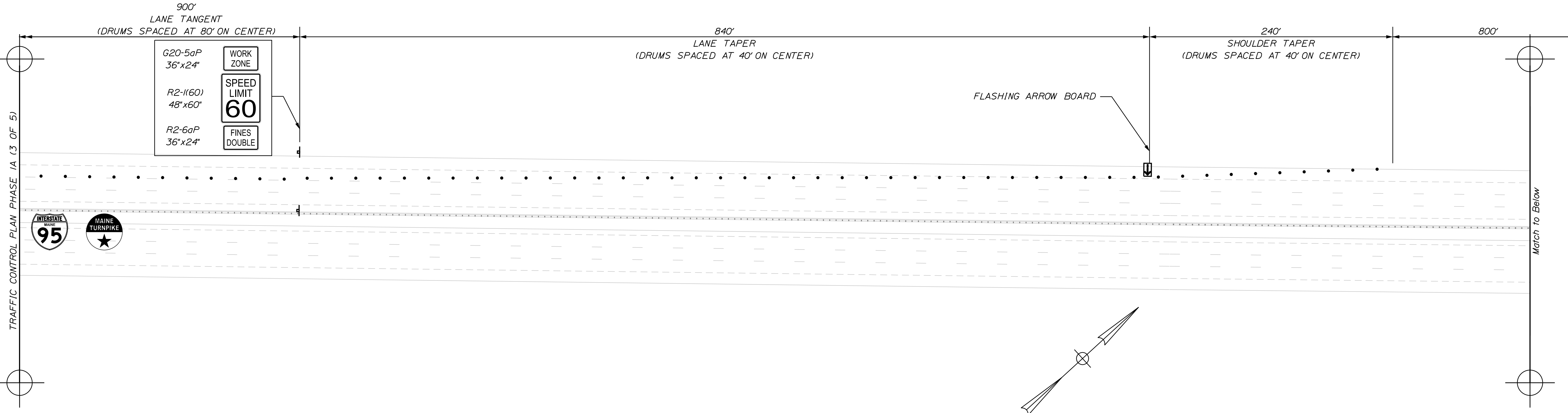
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 1A (3 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A7
 7 OF A40

Filename: ...A07_TCP_05.dwg

Date: 11/3/2023



Scale: 1" = 50'-0"

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| No. | Revision | By | Date |
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Designed by:

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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
| | By | Date | | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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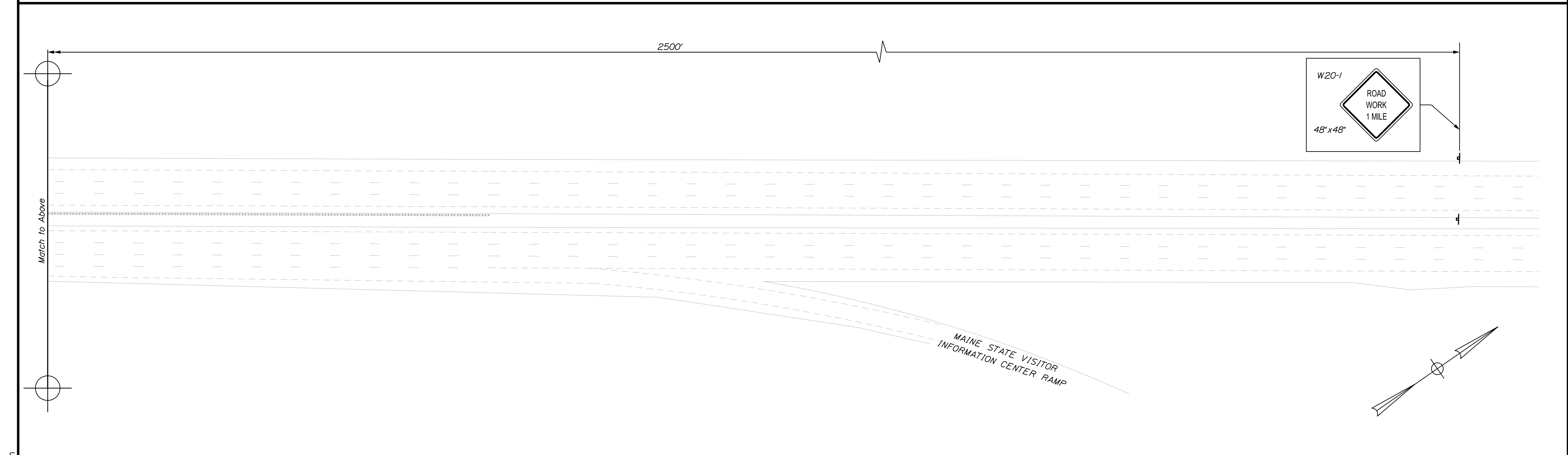
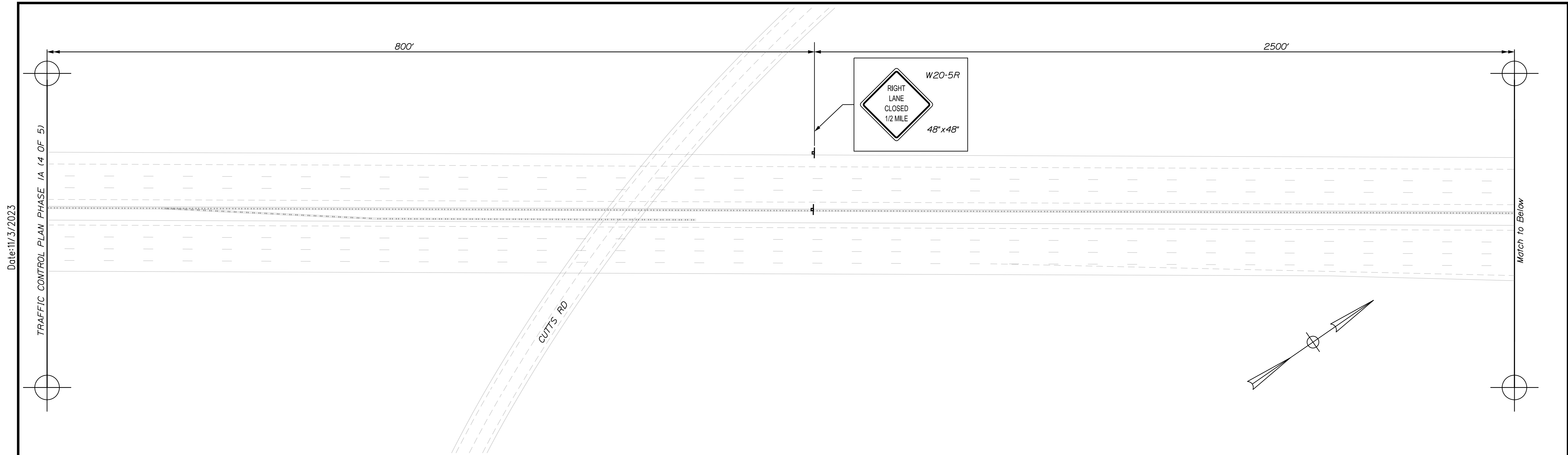
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
TRAFFIC CONTROL PLAN PHASE 1A (4 OF 5)

VHB: 55345.00
CONTRACT: 2024.01


SHEET NUMBER: A8
8 OF A40



Scale: 1" = 50'-0"

| No. | Revision | By | Date |
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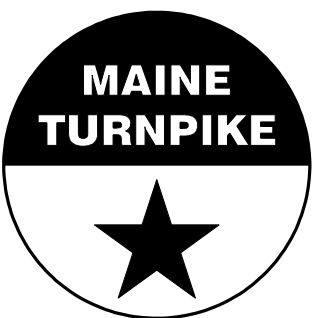
Designed by:



CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
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| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

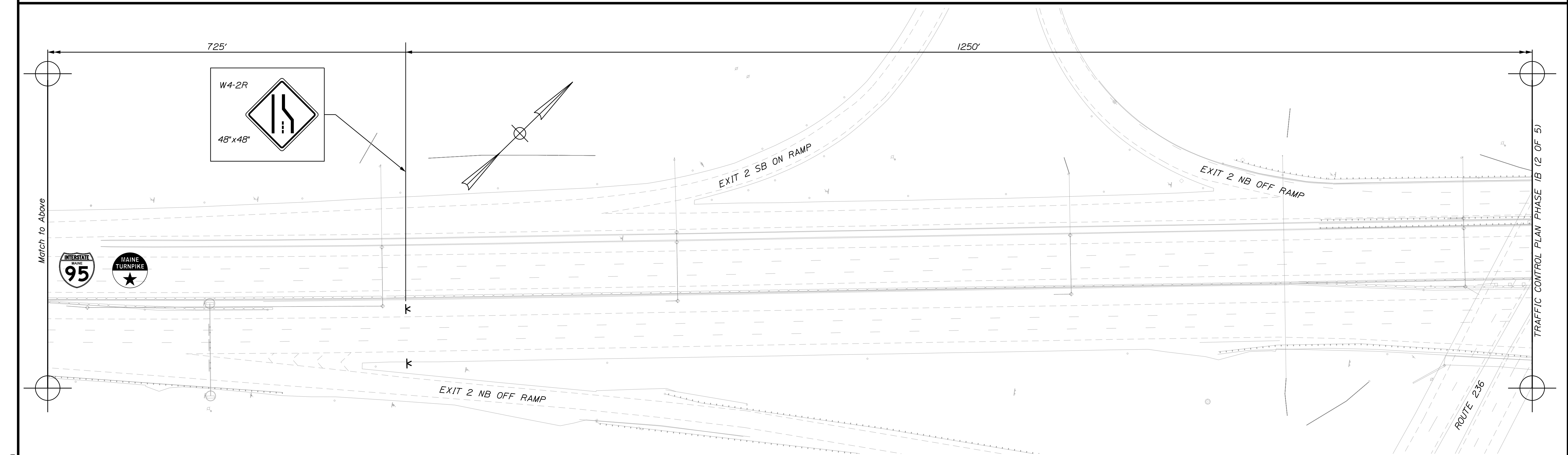
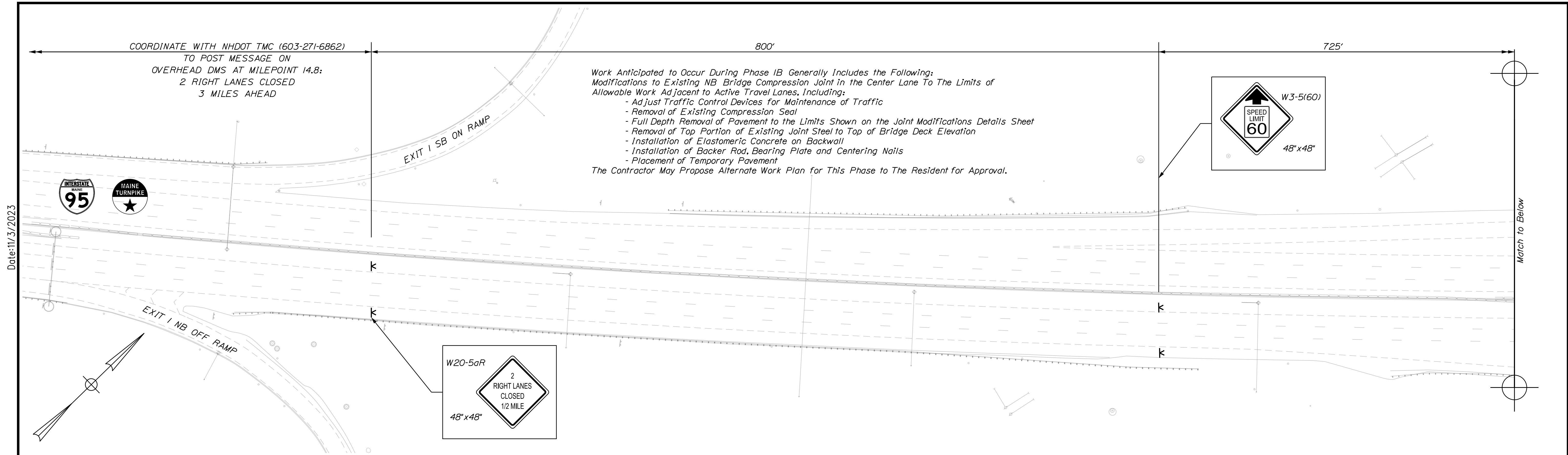
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 1A (5 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A9
 9 OF A40

Date: 11/3/2023

Filename: ... \0A9_TCP_07.dgn



Scale: 1" = 50'-0"

| No. | Revision | By | Date |
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Designed by:

CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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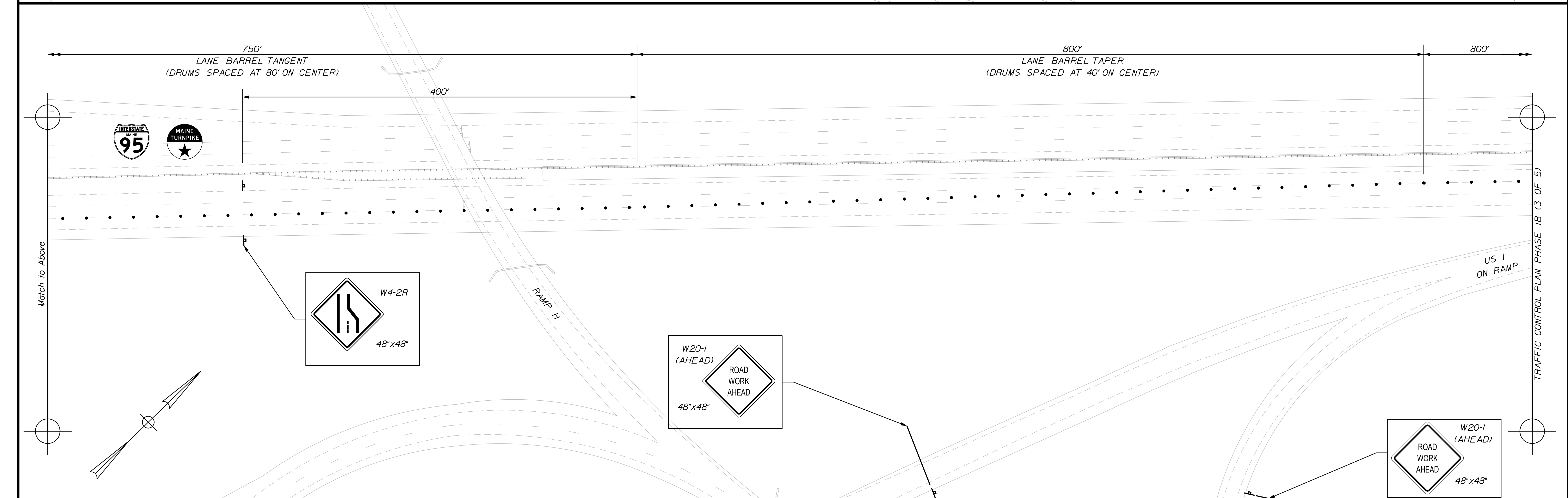
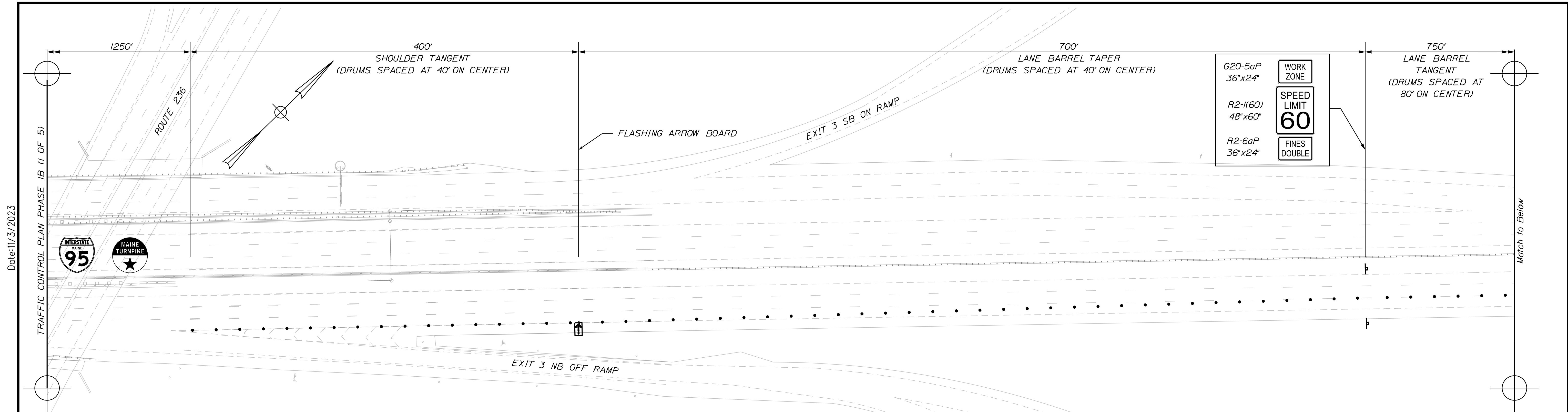
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
TRAFFIC CONTROL PLAN PHASE 1B (1 OF 5)

VHB: 55345.00
CONTRACT: 2024.01


SHEET NUMBER: A10
10 OF A40



Scale: 1" = 50'-0"

| No. | Revision | By | Date |
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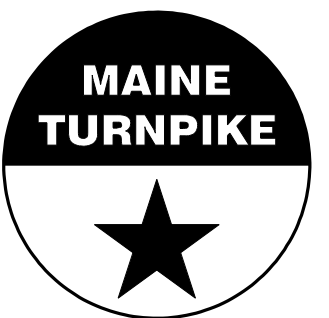
Designed by:



CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 1B (2 OF 5)

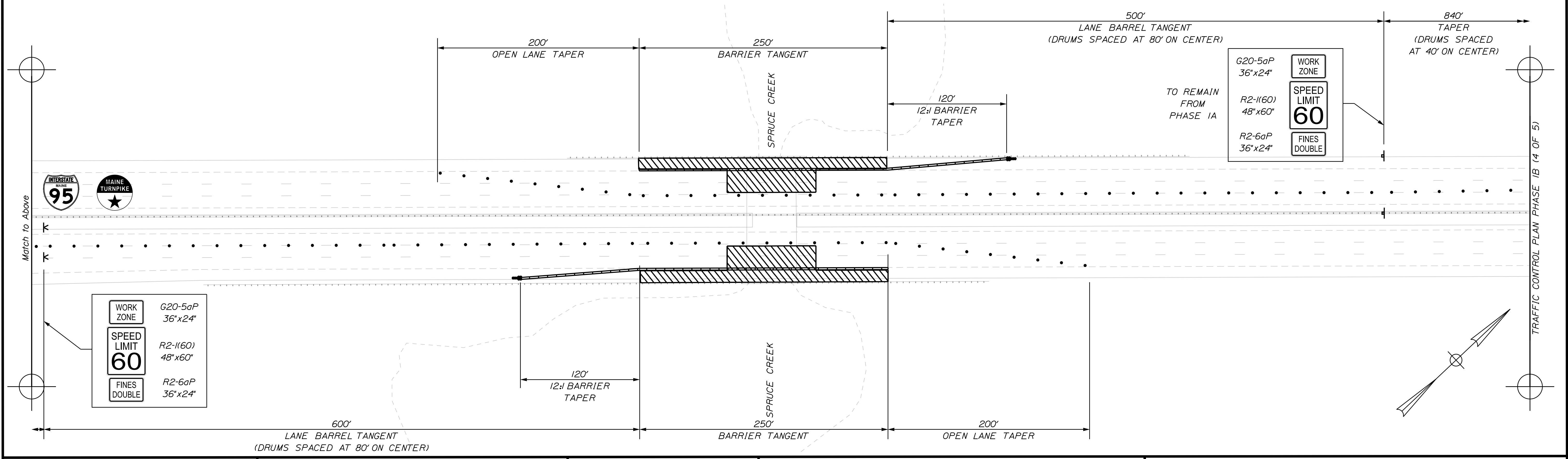
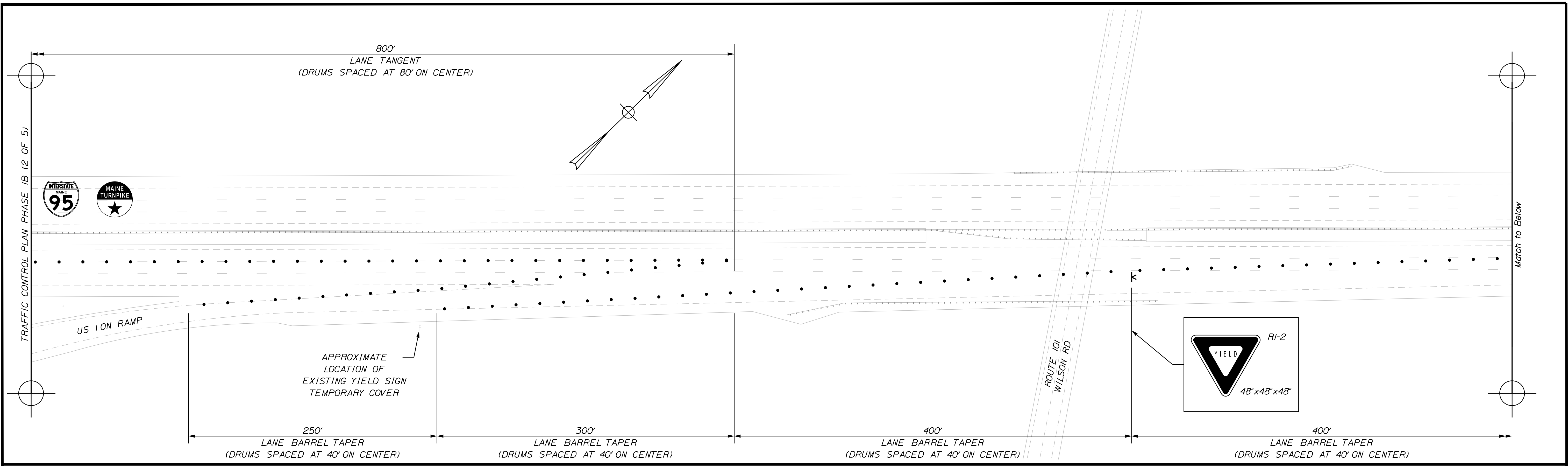
VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A11
 11 OF A40

Date: 11/3/2023

Filename: ...\\A11_TCP_09.dgn

Date: 11/3/2023



Scale: 1" = 50'-0"

| No. | Revision | By | Date |
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Designed by:

CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | | By | Date |
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| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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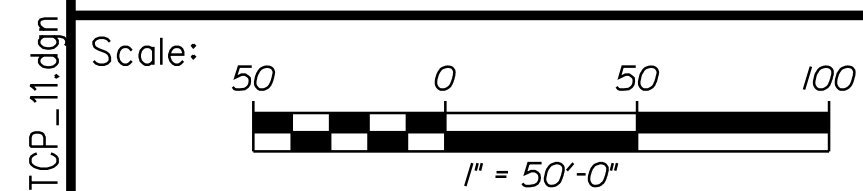
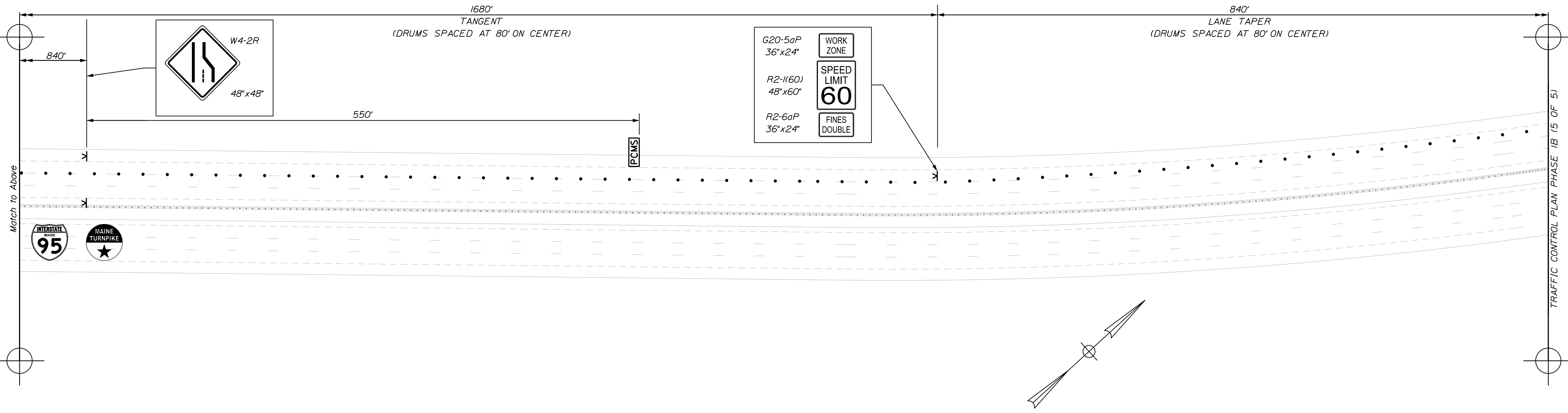
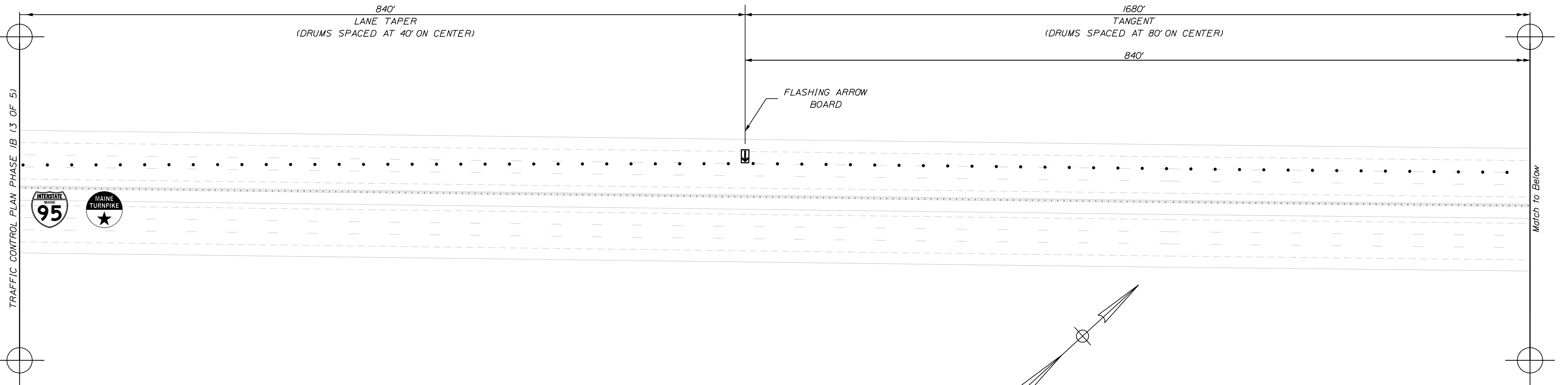
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 1B (3 OF 5)

VHB: 55345.00 SHEET NUMBER: A12
 CONTRACT: 2024.01 12 OF A40

Date: 11/3/2023



Designed by:

| No. | Revision | By | Date |
|-----|----------|----|------|
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| CONSULTANT PROJECT MANAGER: G. Edington | | | |
|---|-----|---------|--------------------------|
| | By | Date | |
| Designed | MEB | 11/3/23 | Checked GME 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of TSB 11/3/23 |

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THE GOLD STAR MEMORIAL HIGHWAY

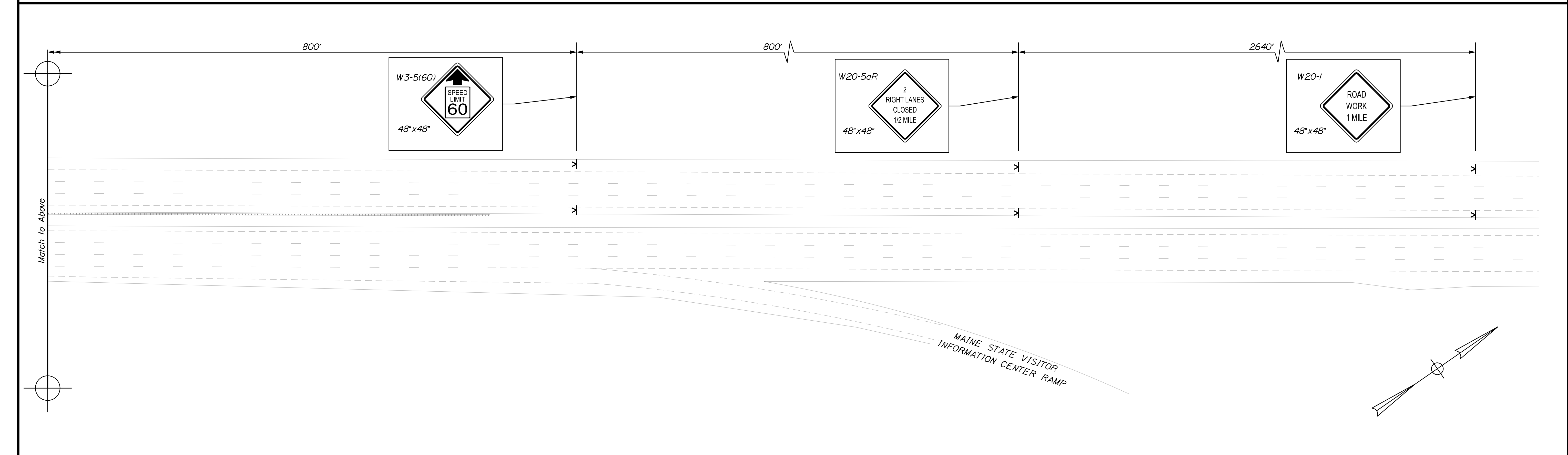
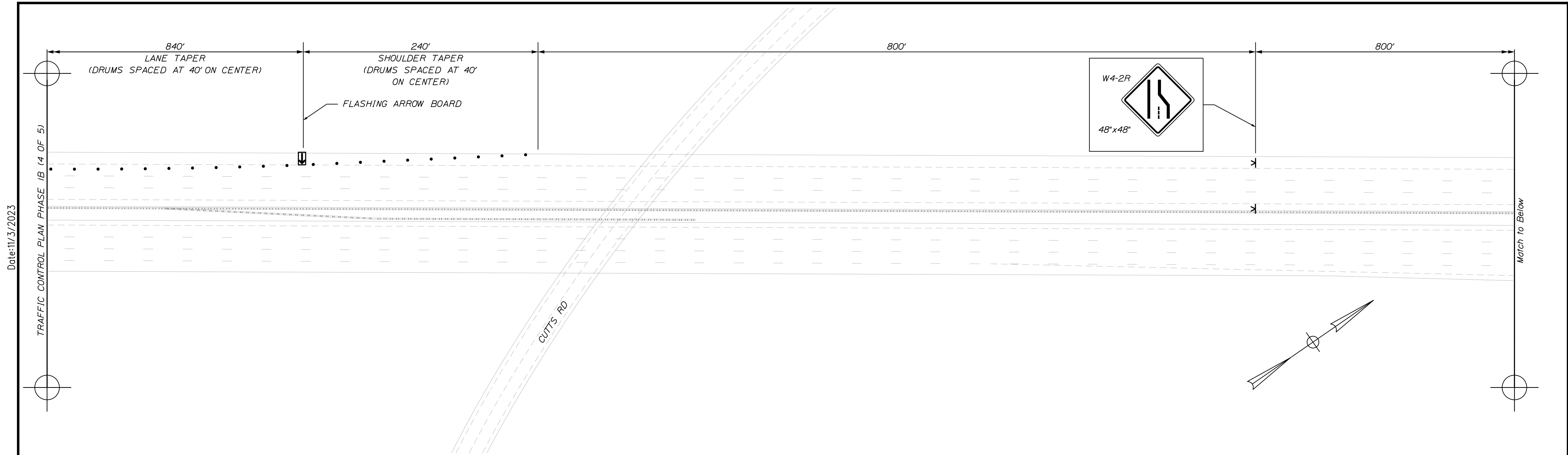
MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 1B (4 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A13
 13 OF A40


Filename: ...A13_TCP_11.dgn



Scale:

| No. | Revision | By | Date |
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Designed by:



CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

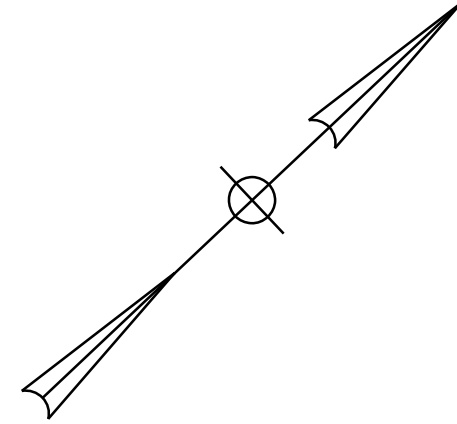
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 1B (5 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

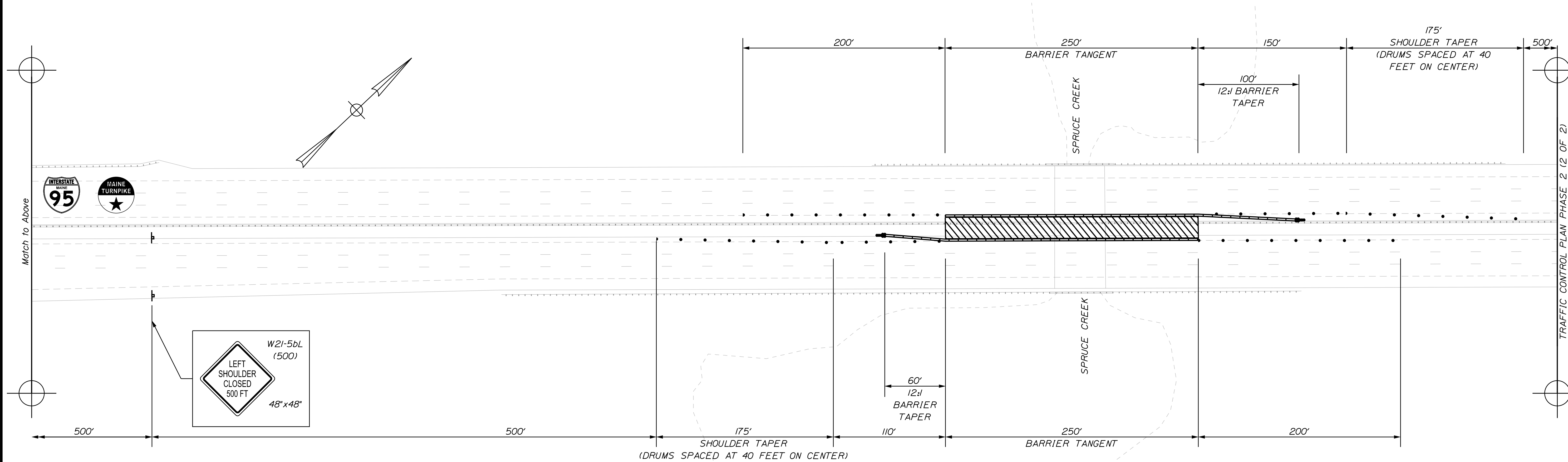
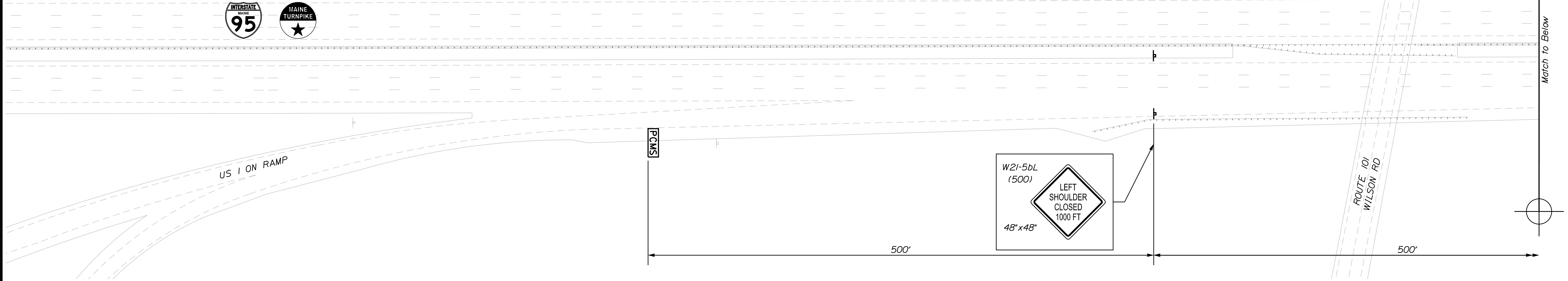
SHEET NUMBER: A14
 14 OF A40

Filename: ...A14_TCP_12.dgn

Work Anticipated to Occur During Phase 2 Generally Includes the Following:
 Replacement of Existing and Installation of New Left Shoulder Bridge Drains
 Replacement of Median Joint Seal
 Repairs to Median
 Replacement of Damaged Approach Rail and Posts
 Modifications to Existing NB Bridge Compression Joints in the Left Shoulder, Including:
 - Place Traffic Control Devices for Maintenance of Traffic
 - Removal of Existing Compression Seal
 - Full Depth Removal of Pavement to the Limits Shown on the Joint Modification Details Sheet
 - Removal of Top Portion of Existing Joint Steel to Top of Bridge Deck Elevation
 - Installation of Elastomeric Concrete on Backwall
 - Installation of Backer Rod, Bearing Plate and Centering Nails
 - Placement of Temporary Pavement
 The Contractor May Propose Alternate Work Plan for This Phase to The Resident for Approval.



Date: 11/3/2023



Scale: 1" = 50'-0"

| No. | Revision | By | Date |
|-----|----------|----|------|
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Designed by:

CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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**THE GOLD STAR
 MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2 (1 OF 2)

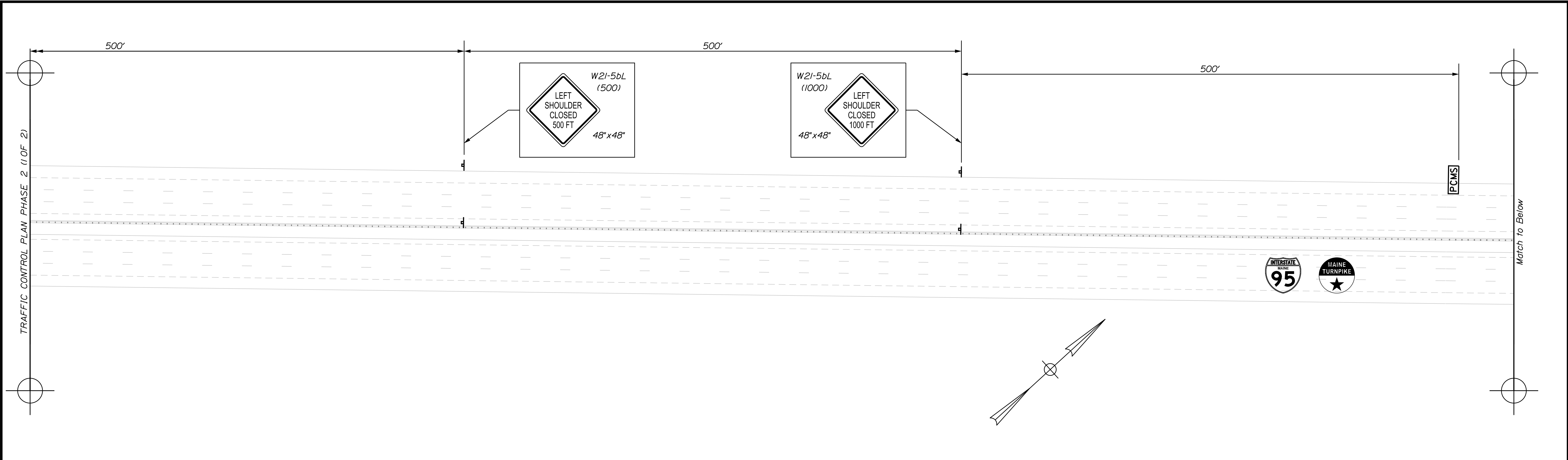
VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A15
 15 OF A40

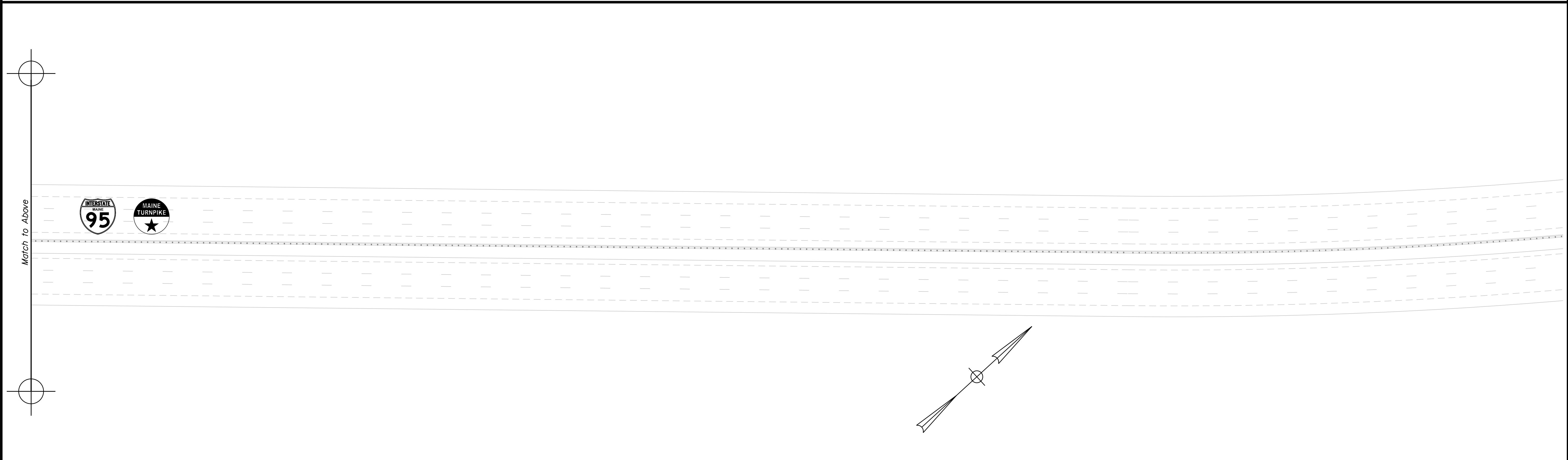
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Date: 11/3/2023

TRAFFIC CONTROL PLAN PHASE 2 (1 OF 2)



Match to Above




Filename: ... \A16_TCP_14.dgn

Scale: 1" = 50'-0"

| No. | Revision | By | Date |
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CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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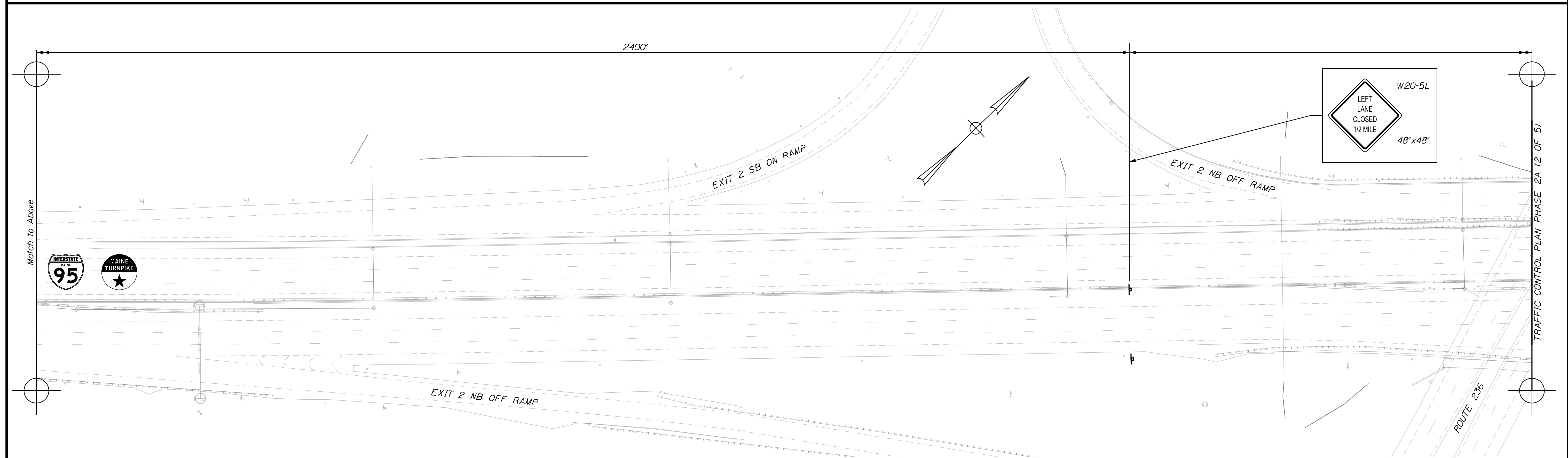
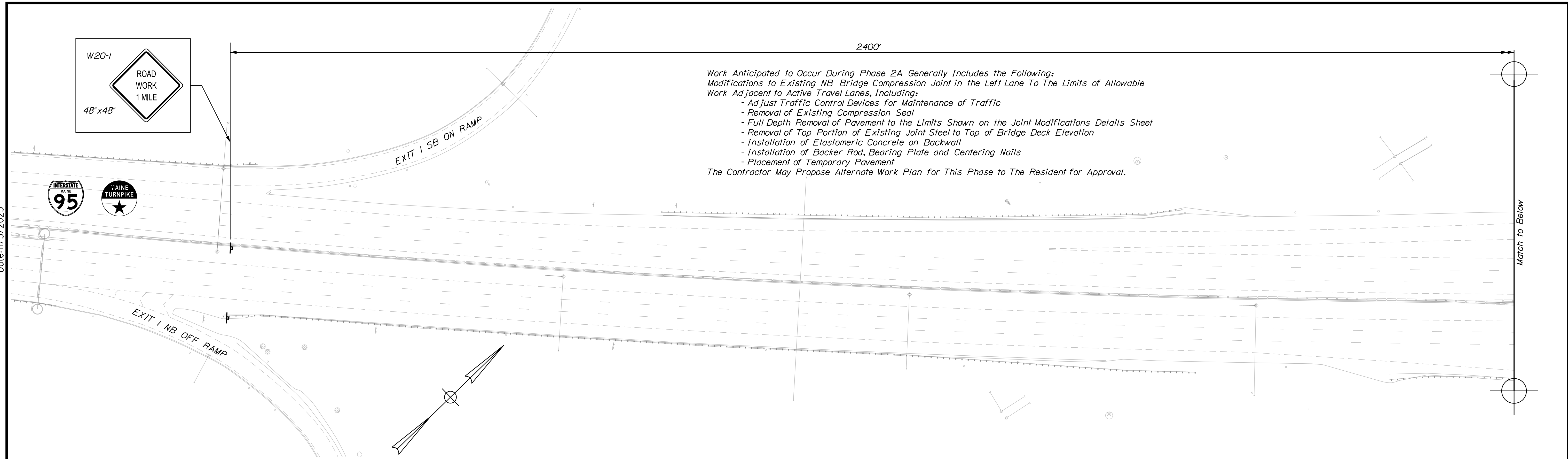
MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2 (2 OF 2)

VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A16
 16 OF A40

Date: 11/3/2023



Scale: 1" = 50'-0"

| No. | Revision | By | Date |
|-----|----------|----|------|
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CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2A (1 OF 5)

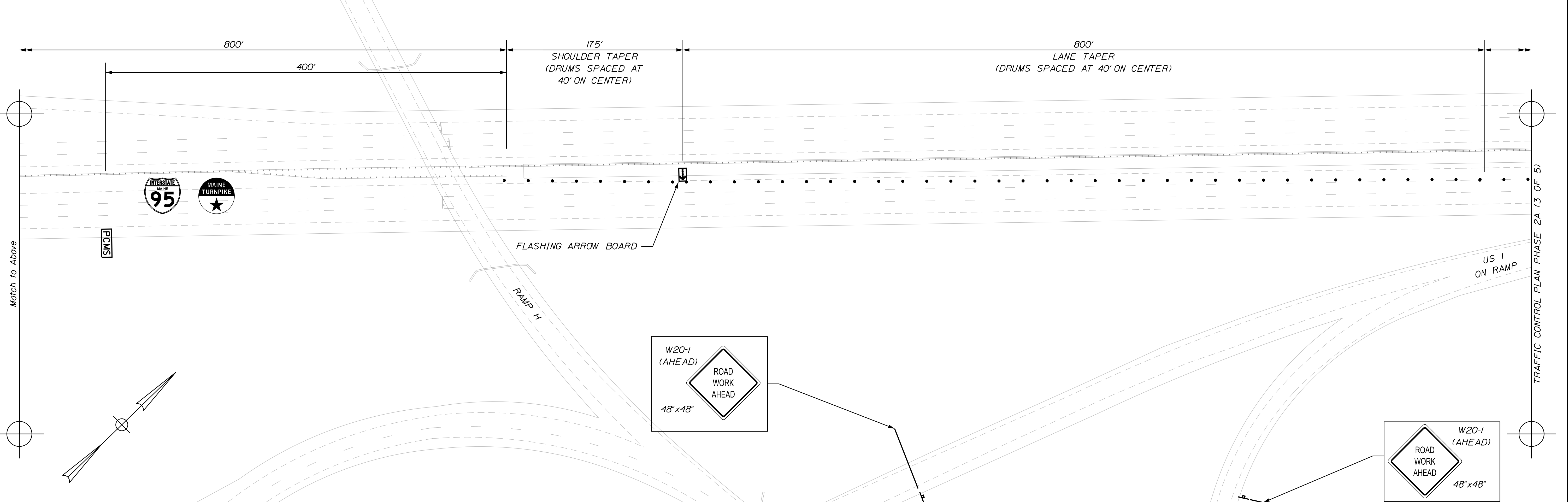
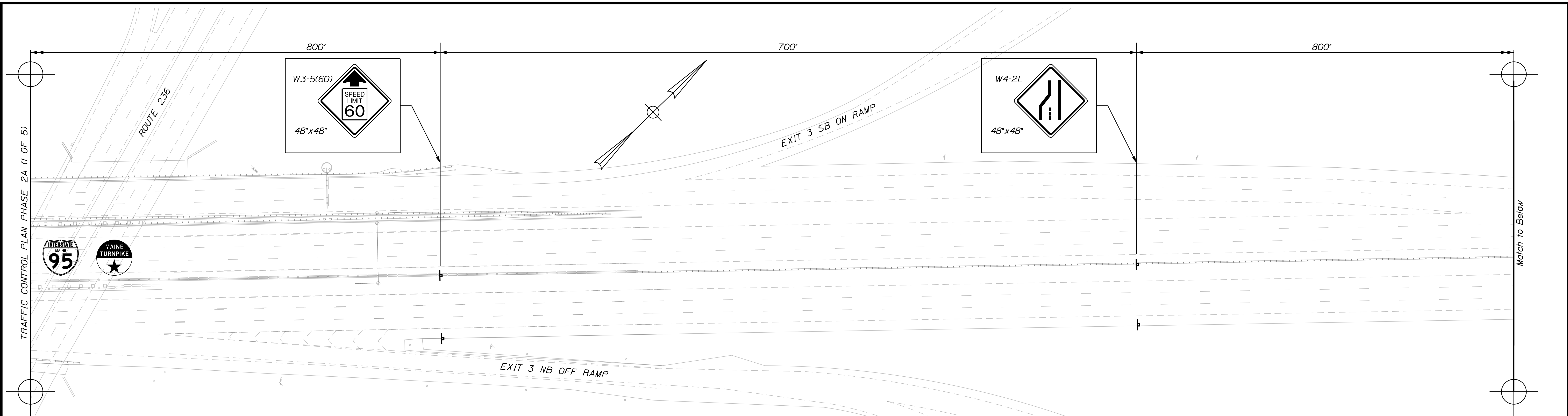
VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A17
 17 OF A40

Filename: ...VAT7_TCP_15.dgn

Date: 11/3/2023

TRAFFIC CONTROL PLAN PHASE 2A (1 OF 5)




Filename: ...A18_TCP_16.dgn

Scale: 1" = 50'-0"

| No. | Revision | By | Date |
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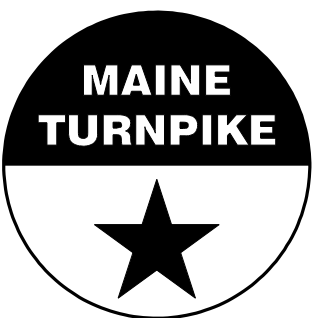
Designed by:



CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

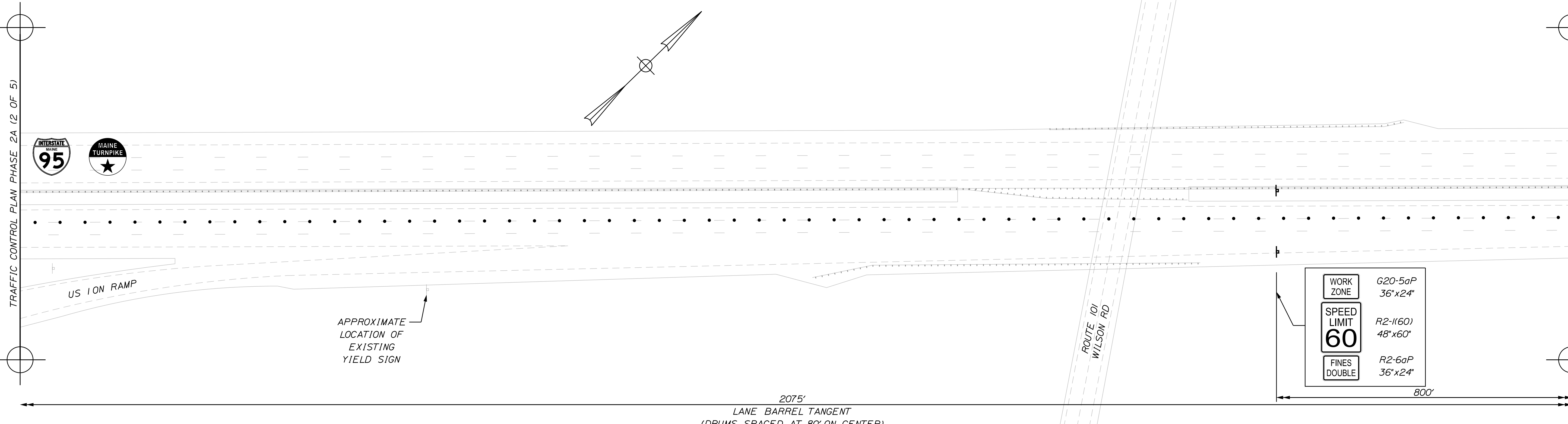
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2A (2 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

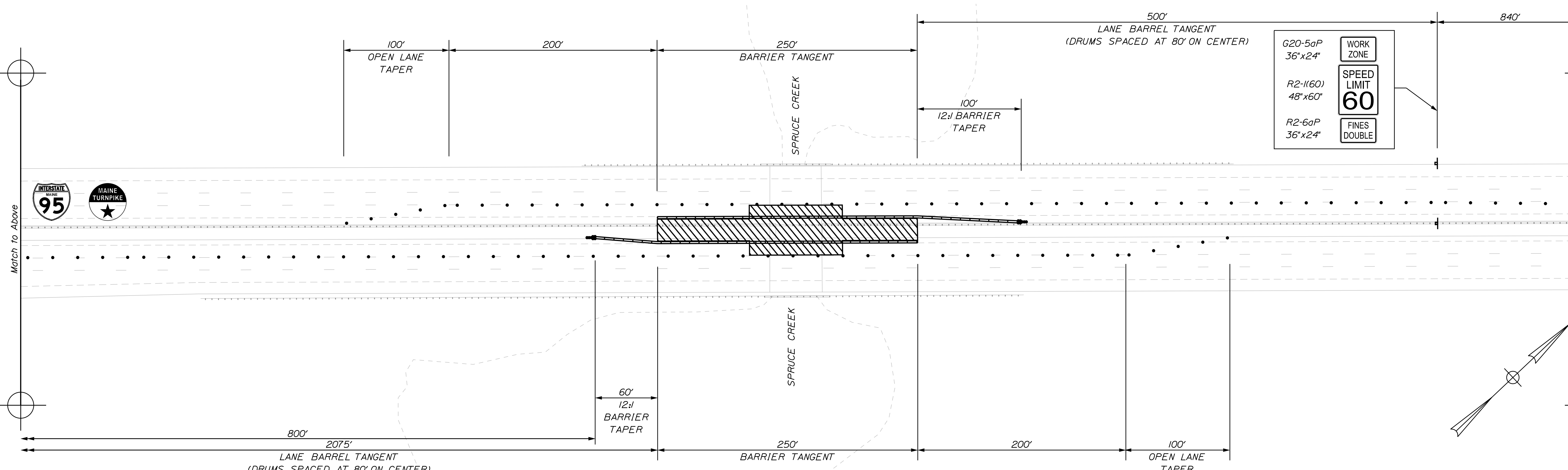
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 18 OF A40

Date: 11/3/2023

TRAFFIC CONTROL PLAN PHASE 2A (2 OF 5)

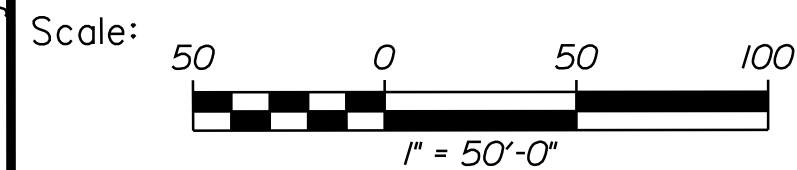


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TRAFFIC CONTROL PLAN PHASE 2A (4 OF 5)

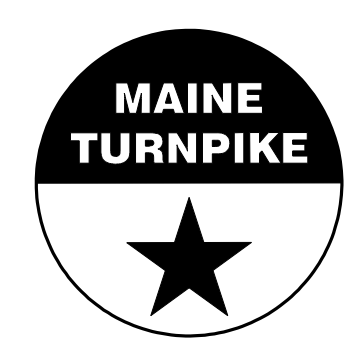
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MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2A (3 OF 5)

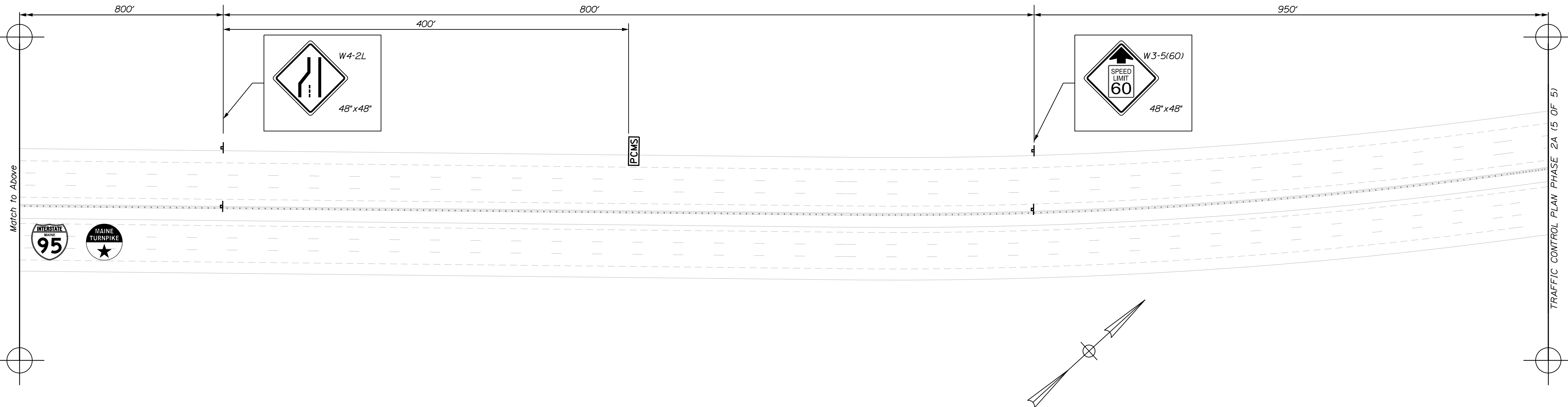
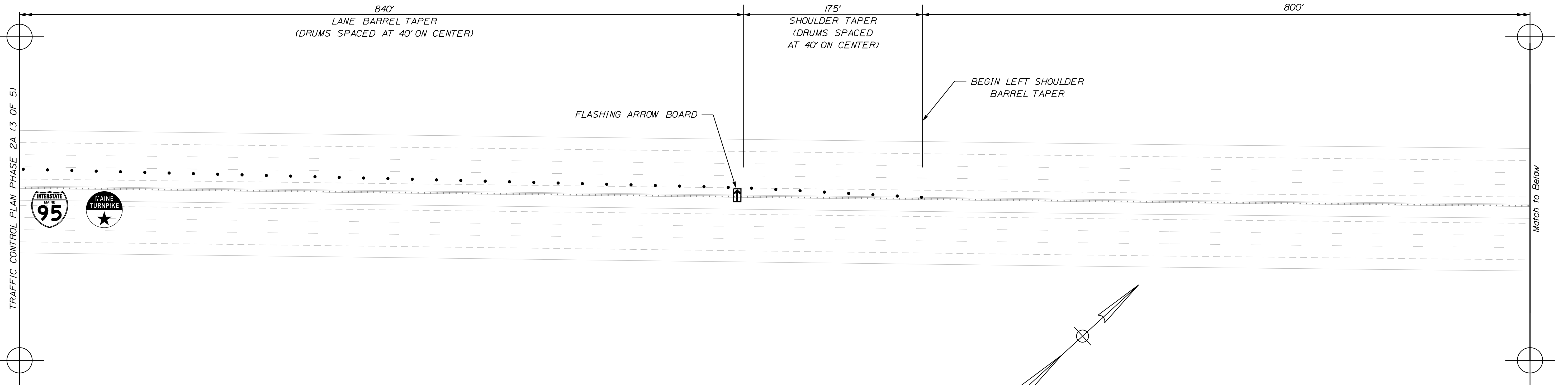
| No. | Revision | By | Date |
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
|---|-----|---------|--------------|-----|---------|
| | By | Date | Checked | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

VHB: 55345.00
 CONTRACT: 2024.01
 SHEET NUMBER: A19
 19 OF A40

Date: 11/3/2023



Scale: 1" = 50'-0"

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| No. | Revision | By | Date |
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Designed by:

CONSULTANT PROJECT MANAGER: G. Edington

| | | | | | |
|----------|-----|---------|--------------|-----|---------|
| | By | Date | | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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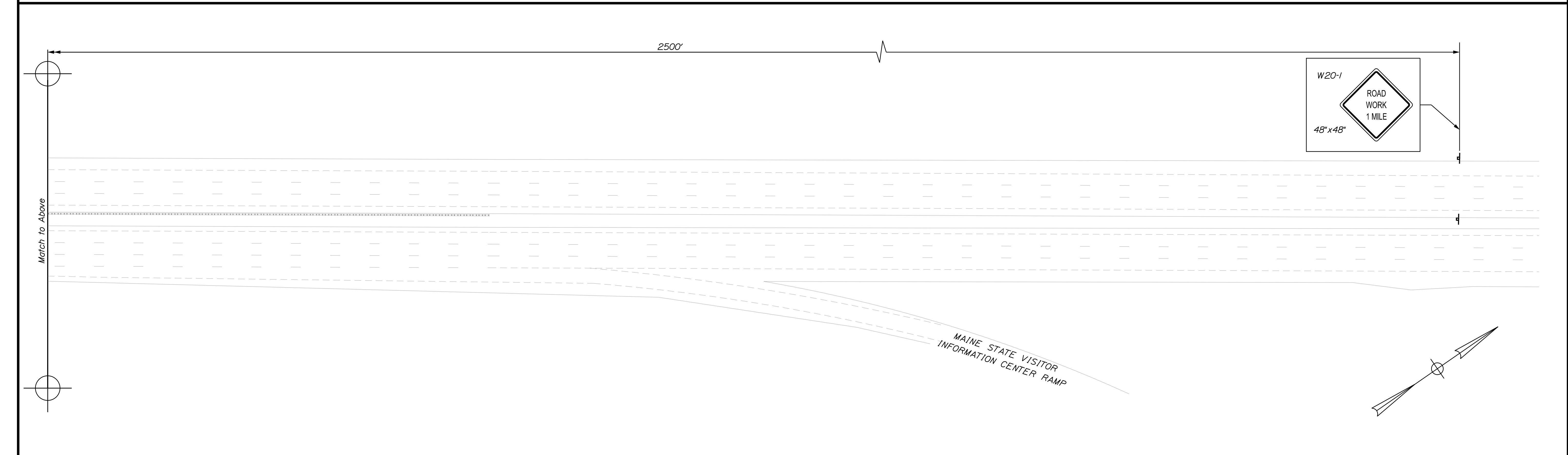
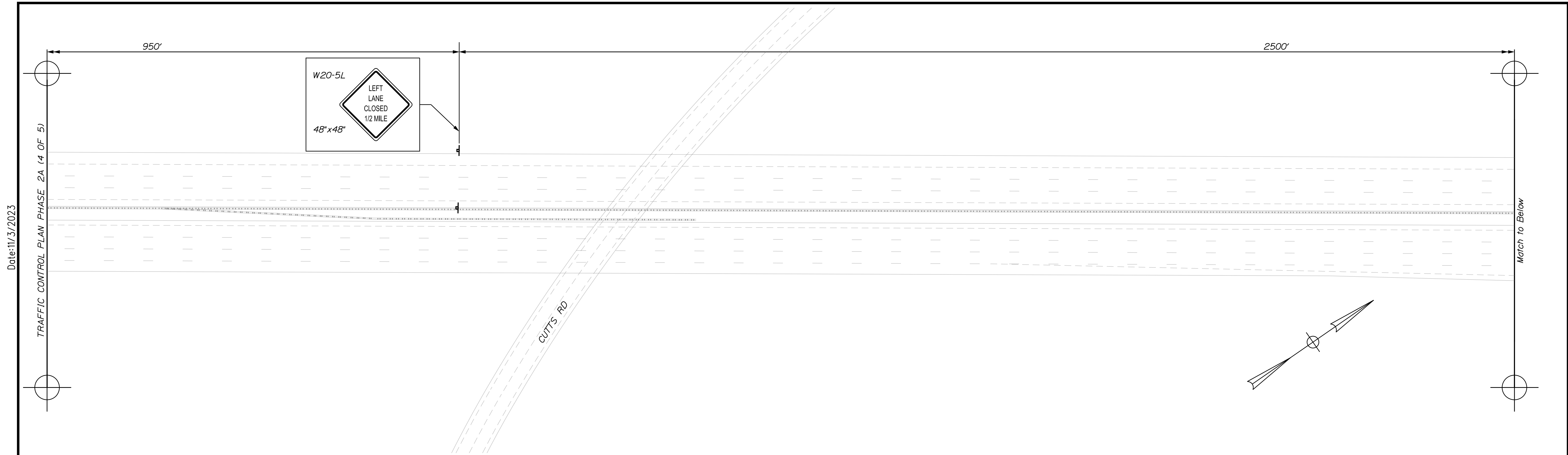
MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2A (4 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A20
 20 OF A40


Filename: ...A20_TCP_18.dgn



Scale: 1" = 50'-0"

| No. | Revision | By | Date |
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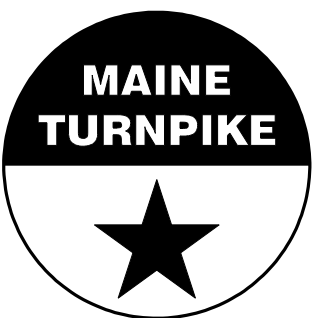
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CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

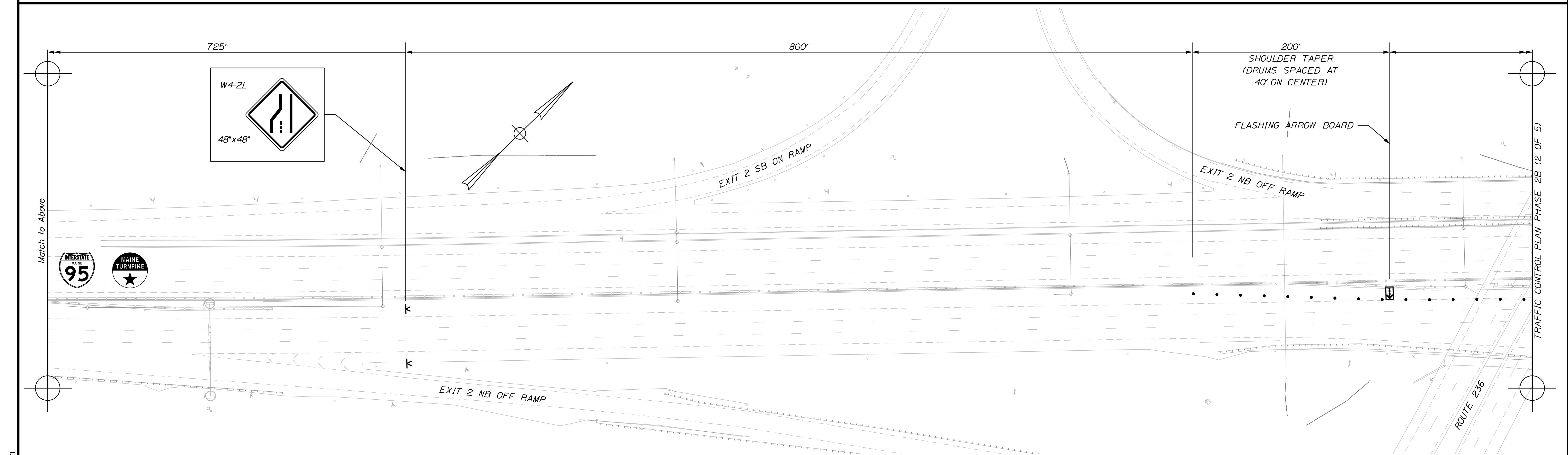
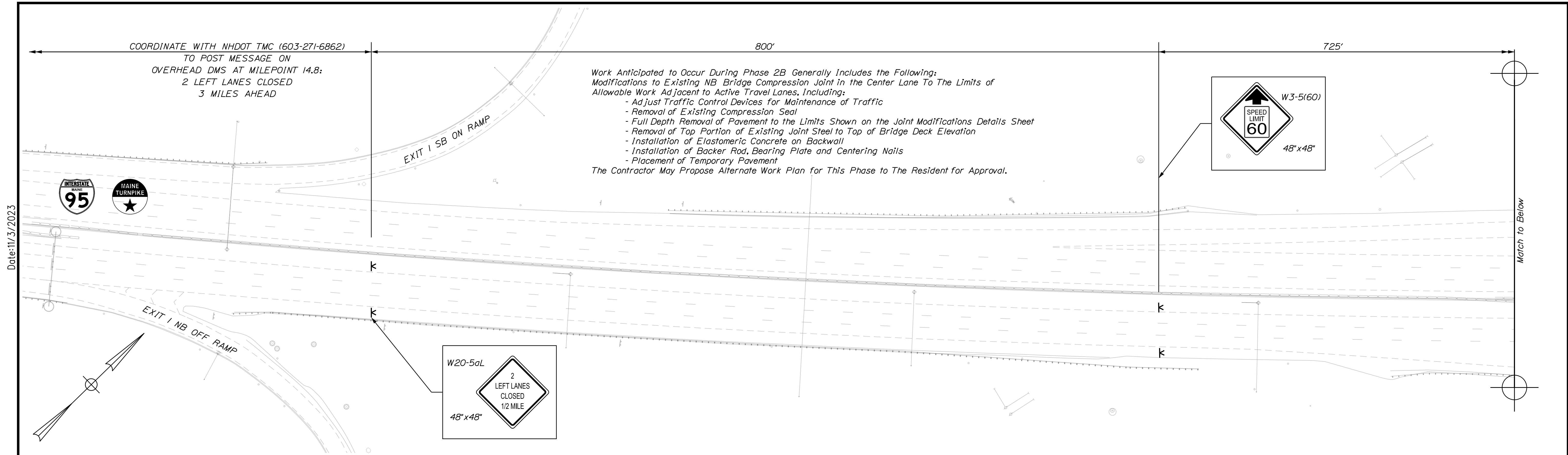
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2A (5 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A21
 21 OF A40

Date: 11/3/2023

Filename: ...VAZ1_TCP_19.dgn



Scale: 1" = 50'-0"

Designed by:

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MAINE TURNPIKE

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MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
TRAFFIC CONTROL PLAN PHASE 2B (1 OF 5)

VHB: 55345.00
CONTRACT: 2024.01

SHEET NUMBER: A22
22 OF A40

| No. | Revision | By | Date |
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| CONSULTANT PROJECT MANAGER: G. Edington | | | |
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| | By | Date | |
| Designed | MEB | 11/3/23 | Checked |
| Drawn | BJM | 11/3/23 | In Charge of |
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By: GME, Date: 11/3/23

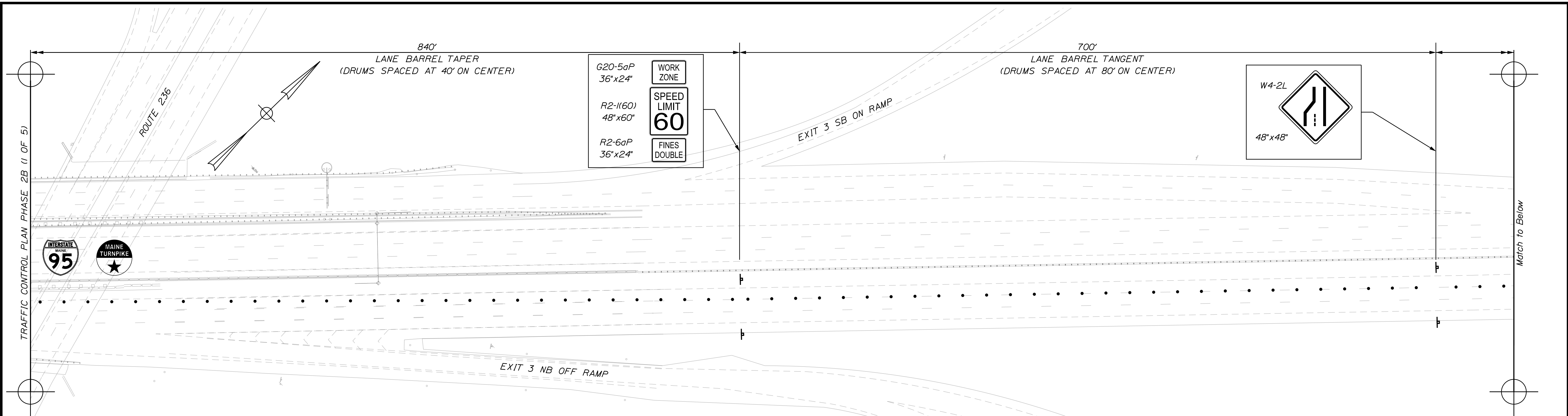
By: TSB, Date: 11/3/23

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

Date: 11/3/2023

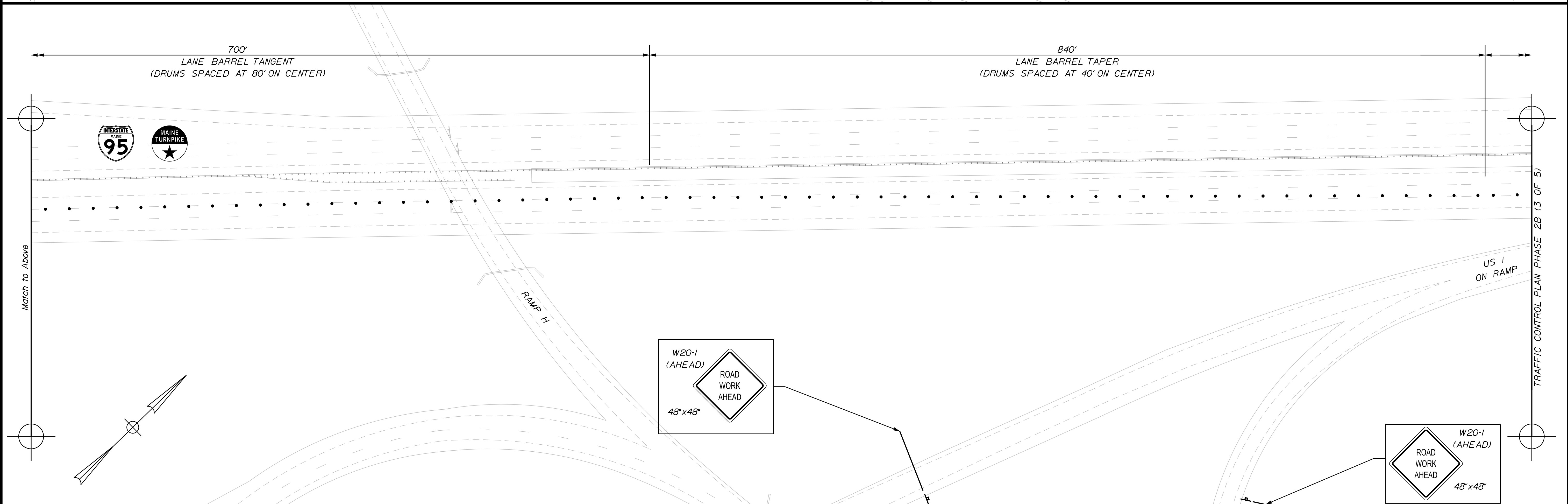
TRAFFIC CONTROL PLAN PHASE 2B (1 OF 5)

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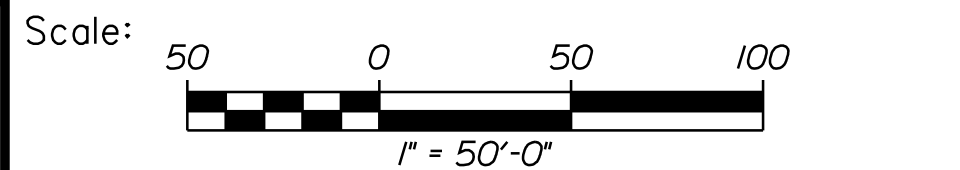


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Filename: ...A23_TCP_21.dgn



| No. | Revision | By | Date |
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CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

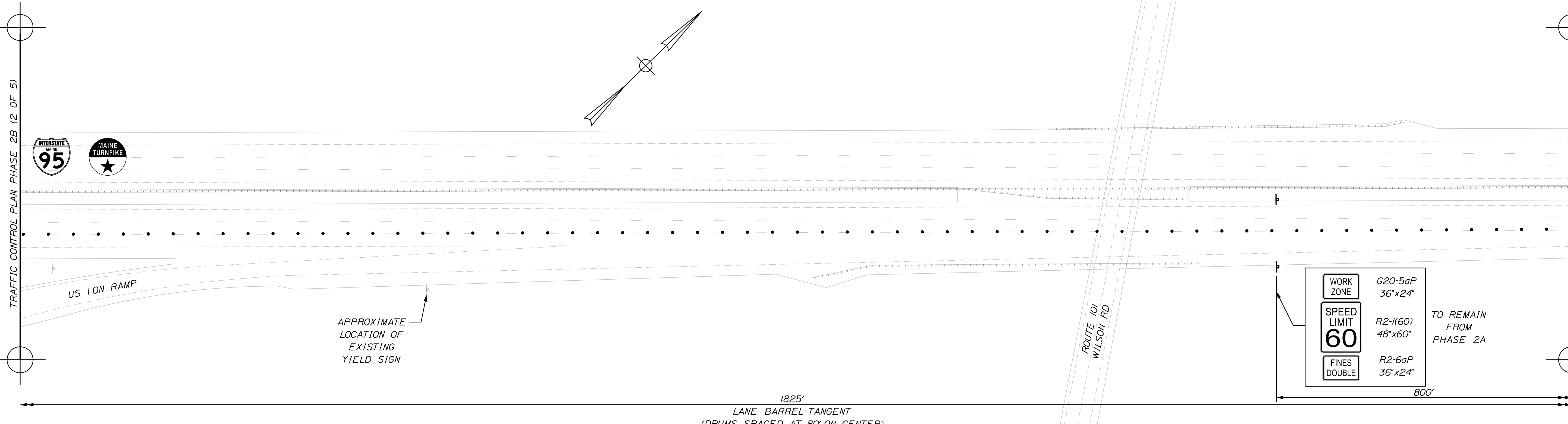
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2B (2 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

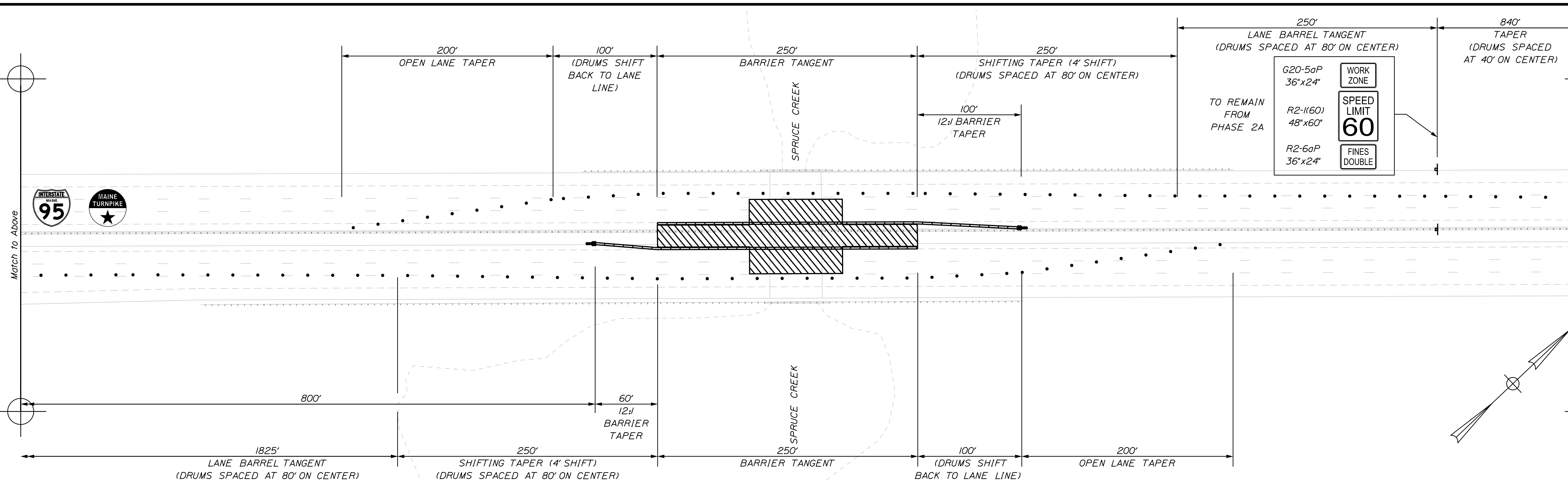
SHEET NUMBER: A23
 23 OF A40

Date: 11/3/2023

TRAFFIC CONTROL PLAN PHASE 2B (2 OF 5)

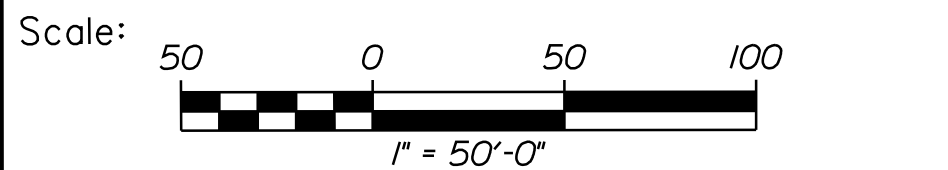


Match to Below



TRAFFIC CONTROL PLAN PHASE 2B (4 OF 5)

Filename: ...A24_TCP_22.dwg



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MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2B (3 OF 5)

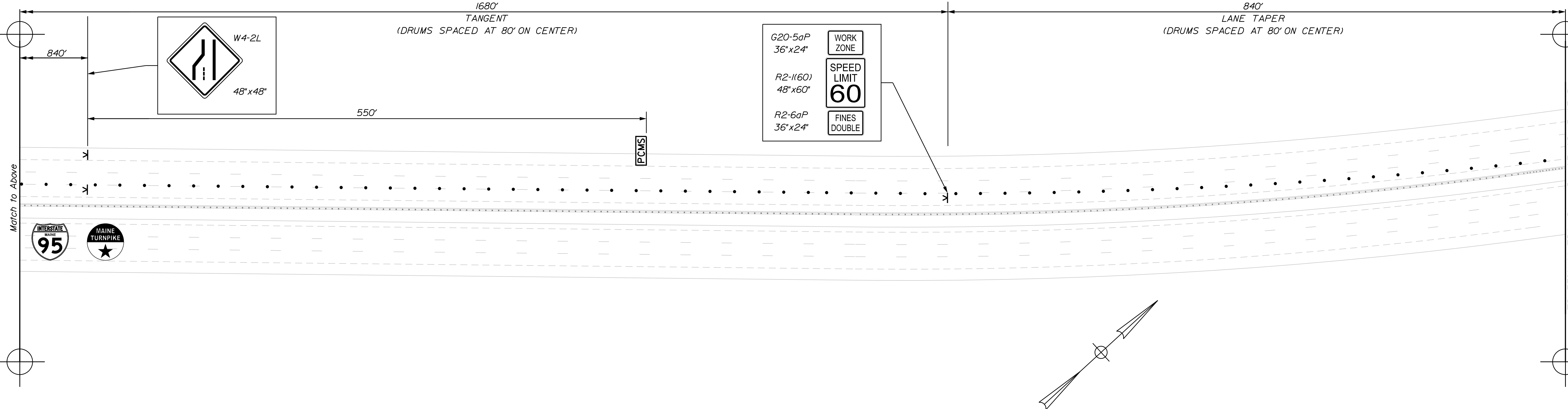
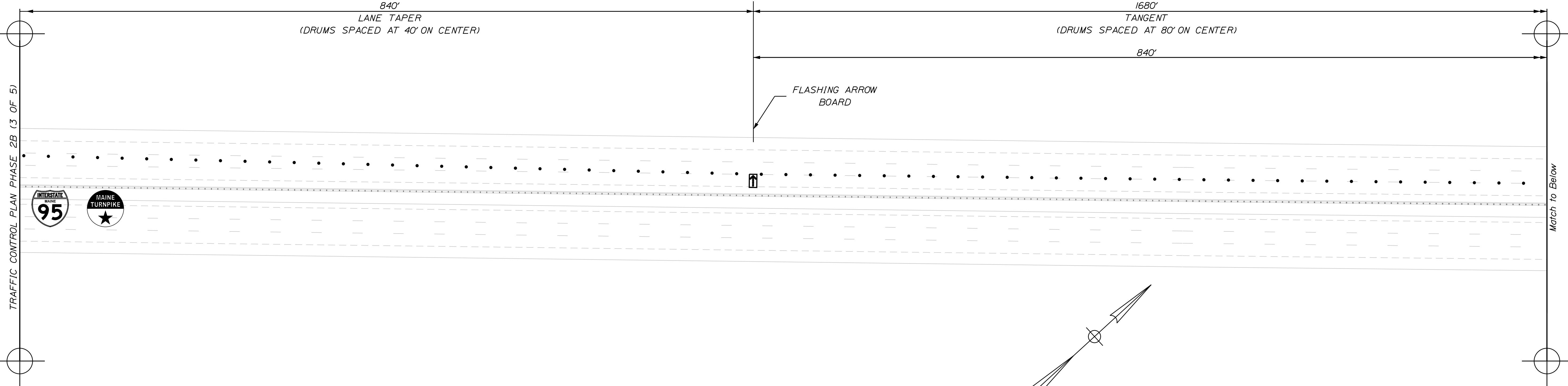
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
|---|-----|---------|--------------|-----|---------|
| | By | Date | Checked | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

VHB: 55345.00
 CONTRACT: 2024.01
 SHEET NUMBER: A24
 24 OF A40

Date: 11/3/2023



Scale: 1" = 50'-0"

| No. | Revision | By | Date |
|-----|----------|----|------|
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CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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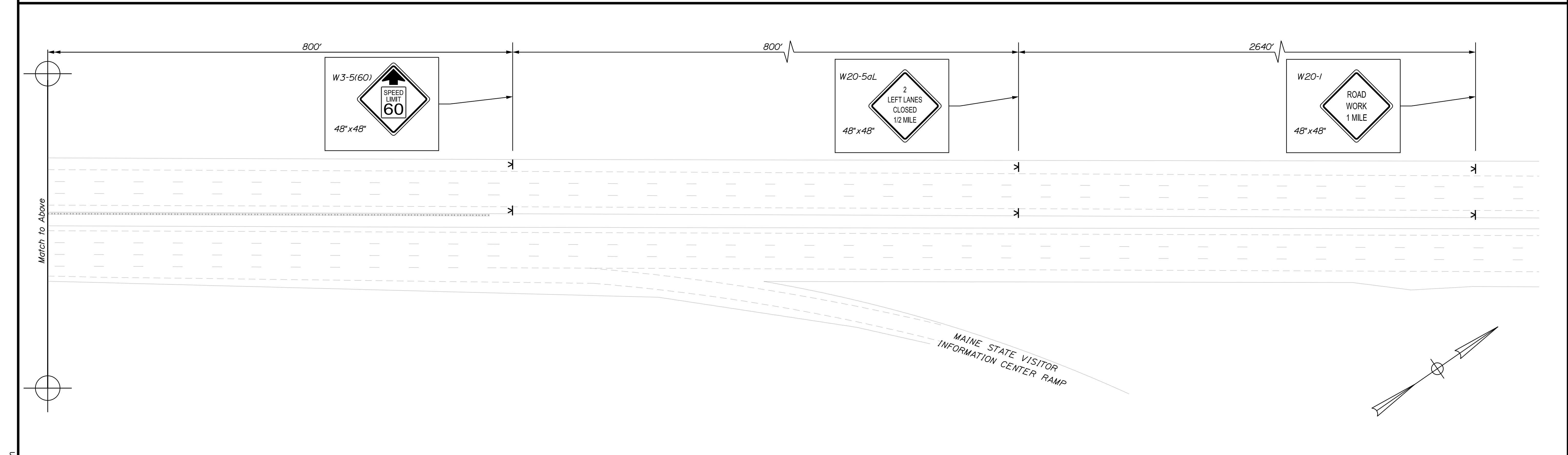
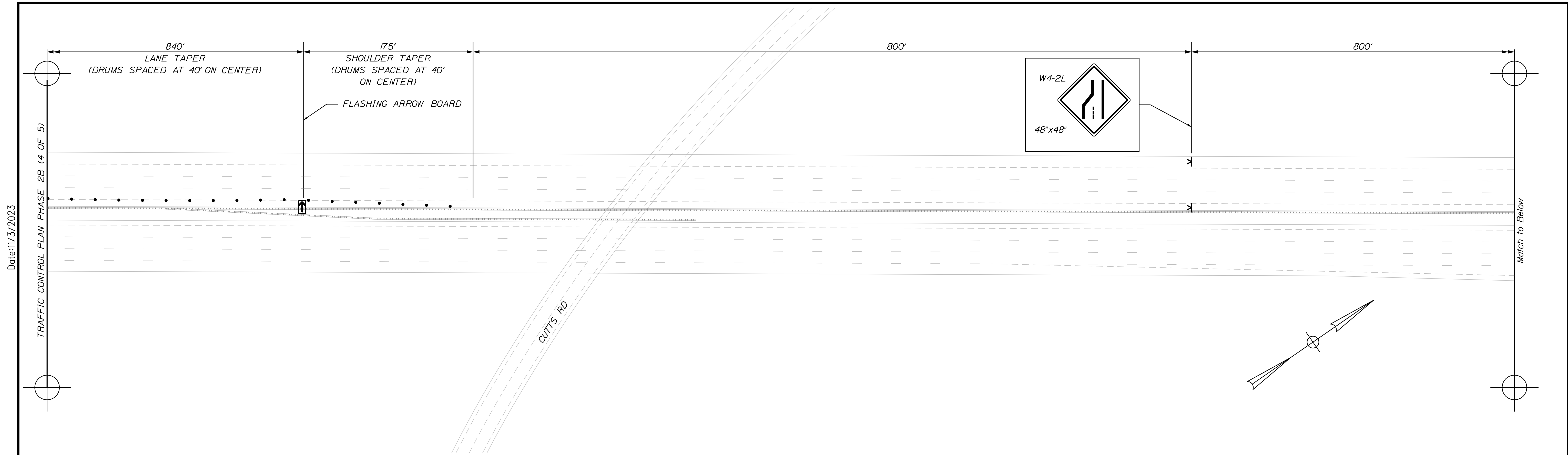
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2B (4 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01


SHEET NUMBER: A25
 25 OF A40



Scale:

| No. | Revision | By | Date |
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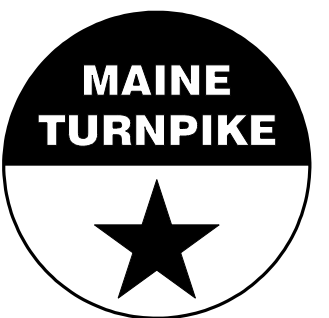
Designed by:



CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

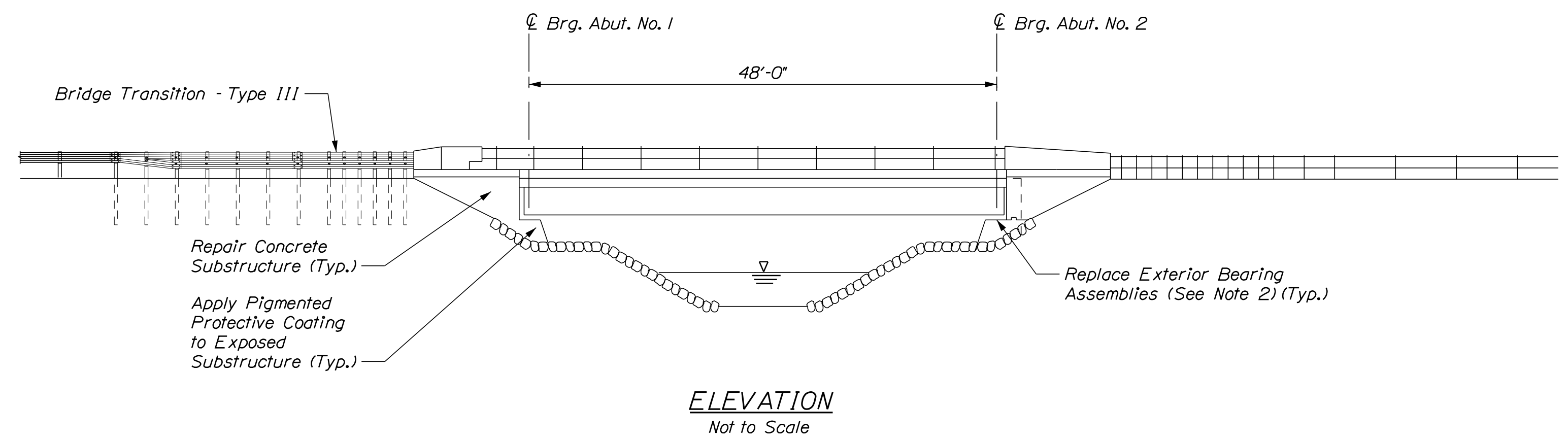
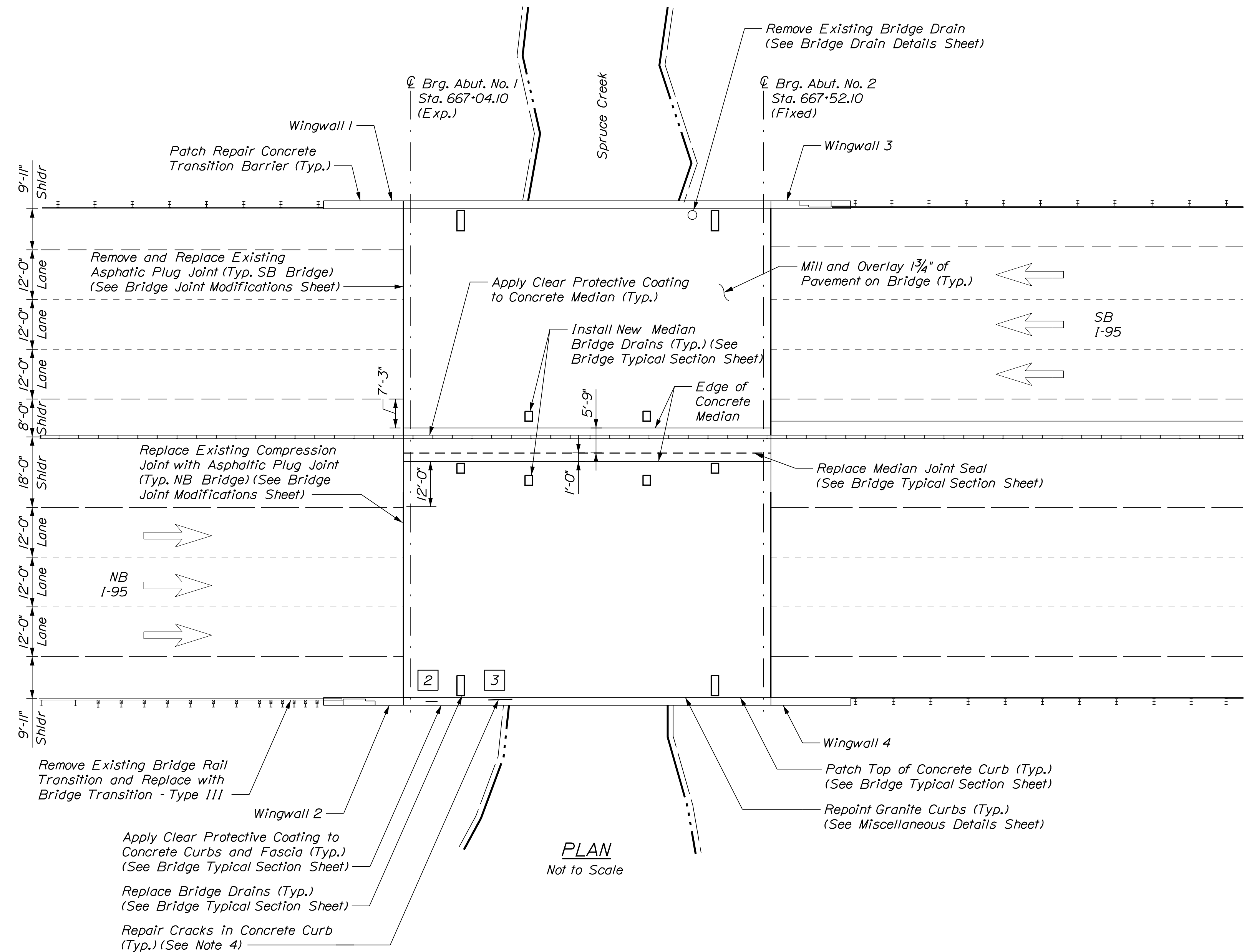
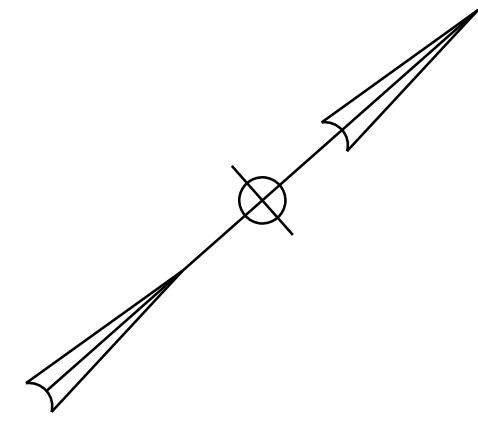
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 TRAFFIC CONTROL PLAN PHASE 2B (5 OF 5)

VHB: 55345.00
 CONTRACT: 2024.01

SHEET NUMBER: A26
 26 OF A40

Filename: ...VA26_TCP_24.dgn

Date: 11/13/2023



ESTIMATED CONCRETE REPAIR QUANTITIES (LF)

Epoxy Injection Crack Repair 10*
* Includes 5 L.F. Additional Repair Quantity As A Contingency

NOTES

1. Replace entire bearing assembly in kind on exterior corners of each abutment, 4 bearings total. Bearings shall be replaced and set prior to any expansion joint and pavement work. For bearing details see Bearing Details Sheets.
2. No temporary or permanent fill, mechanized excavation, or mechanized equipment is permitted within the channel of Spruce Creek. Jacking existing superstructure shall be completed from the existing bridge seats and shall not be supported in front of the abutments. Jacking of the existing superstructure may be done under live load.
3. Crack repairs to the concrete curb shall be paid for under Item 518.40, Epoxy Injection Crack Repair.

SHEET NOTE

1. For Concrete Repair Notes and Details see Concrete Repair Typical Details Sheet.


KEY

- Limit of Crack Repair
- Limit of Surface Patch Repair
- Linear Feet of Crack Repair
- Square Footage of Repair

Filename: ...AZ7_plan_04.dgn

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| Scale: AS NOTED | | | |
| No. | Revision | By | Date |
| | | | |


Designed by:



CONSULTANT PROJECT MANAGER: G. Edington

| | | | | | |
|----------|-----|---------|--------------|-----|---------|
| | By | Date | | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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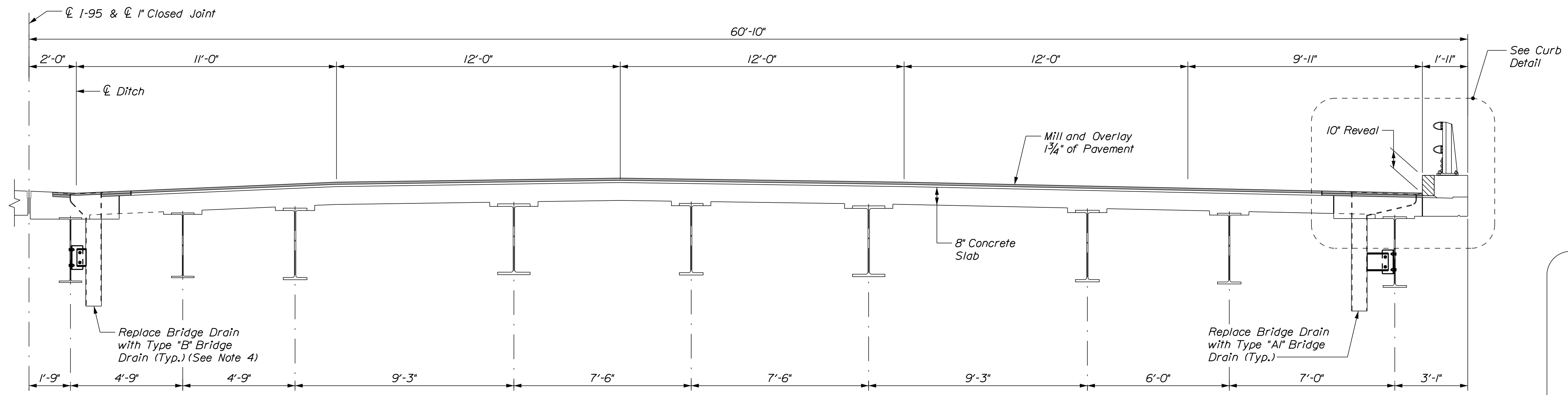
THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

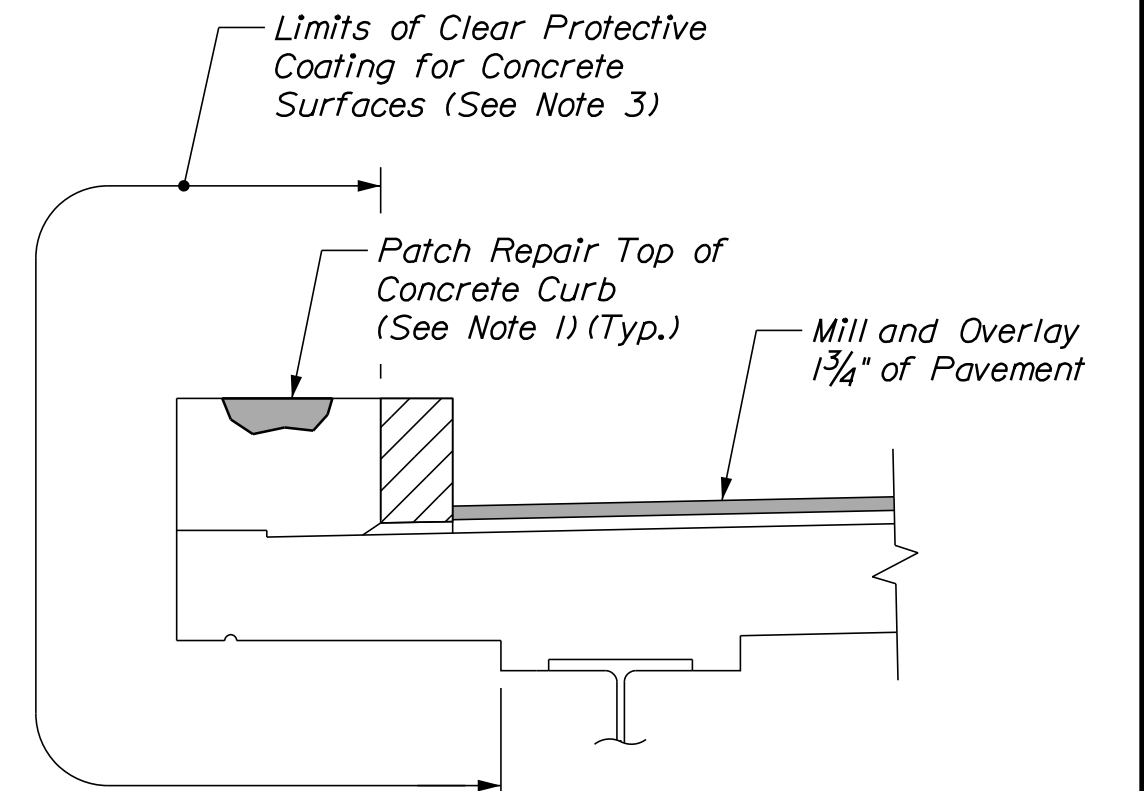
MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
GENERAL PLAN AND ELEVATION

VHB: 55345.00 SHEET NUMBER: A27
CONTRACT: 2024.01 27 OF A40

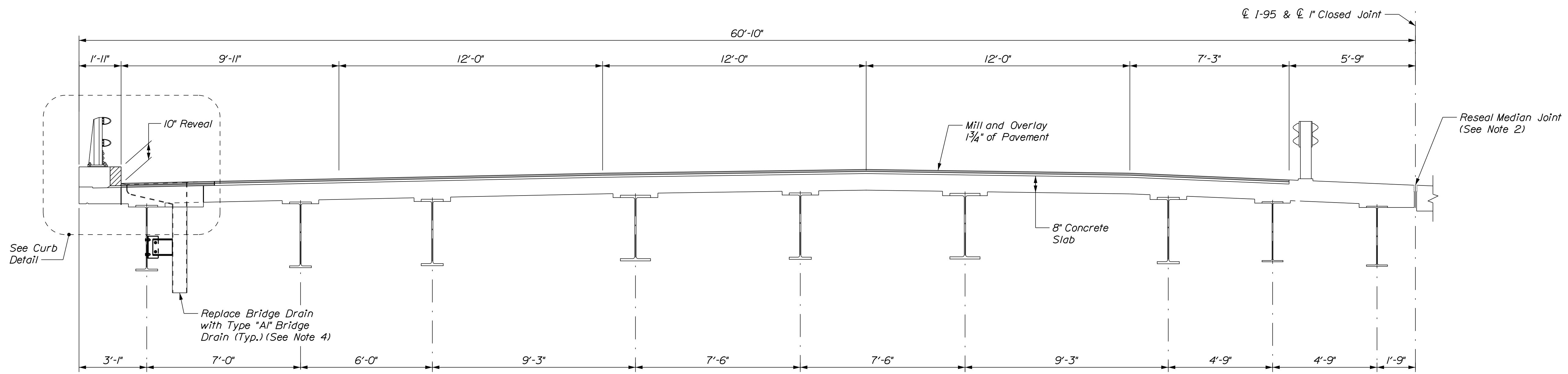
Date: 11/3/2023



SUPERSTRUCTURE TYPICAL SECTION - NORTHBOUND I-95
Scale: 3/8" = 1'-0"



CURB DETAIL
(Bridge Rail not Shown for Clarity)
Scale: 3/4" = 1'-0"



SUPERSTRUCTURE TYPICAL SECTION - SOUTHBOUND I-95
Scale: 3/8" = 1'-0"

NOTES

1. Patch repair divots on top of concrete curb by filling with MasterEmaco S440 Repair Mortar, SikaRepair 222, or SikaCrete 211 in accordance with the manufacturer's recommendations. Prior to placing patch material, the contractor shall blast clean the repair areas, as directed by the Resident. Labor and Materials shall be incidental to the related 518 Items.
2. Replace Median Joint Seal with Item 520.324, Expansion Device - Silicone Coated and Pre-Compressed Seal. See Deck Underside Repairs sheet for details.
3. Limits of clear protective coating shall be paid for under Item 512.202, Clear Protective Coating for Concrete Surfaces.
4. All labor, material, and equipment required to remove and install the bridge drains shall be paid for under Items 502.702, Replace Bridge Drain (Type A1) and Item 502.703, Install or Replace Bridge Drain (Type B) as noted in the plans.

SHEET NOTE

1. For Concrete Repair Notes and Details see Concrete Repair Typical Details Sheet.

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| No. | Revision | By | Date |
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| Designed by: | | | | | |
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
| | By | Date | | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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Suite 105B
South Portland, ME 04106
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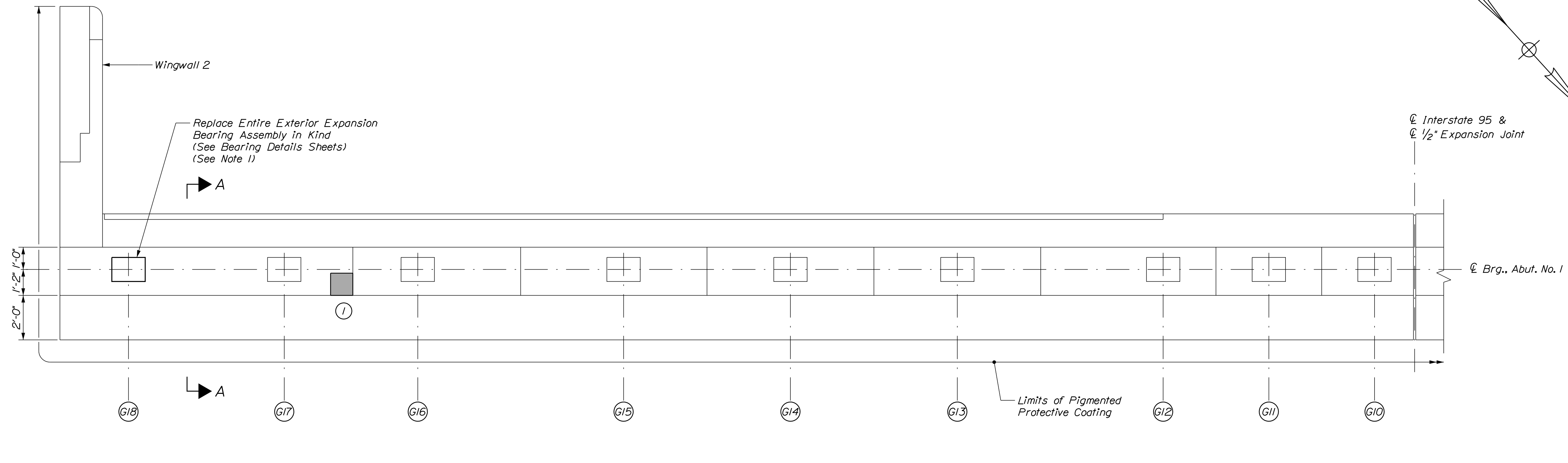
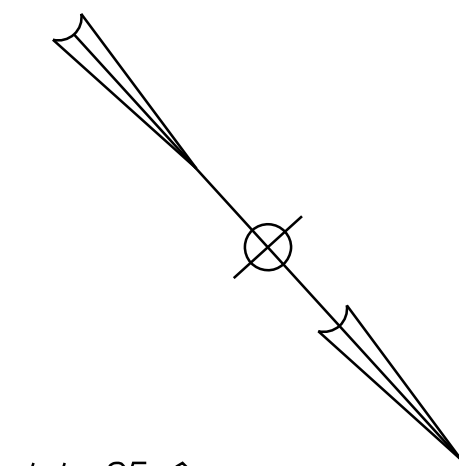
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

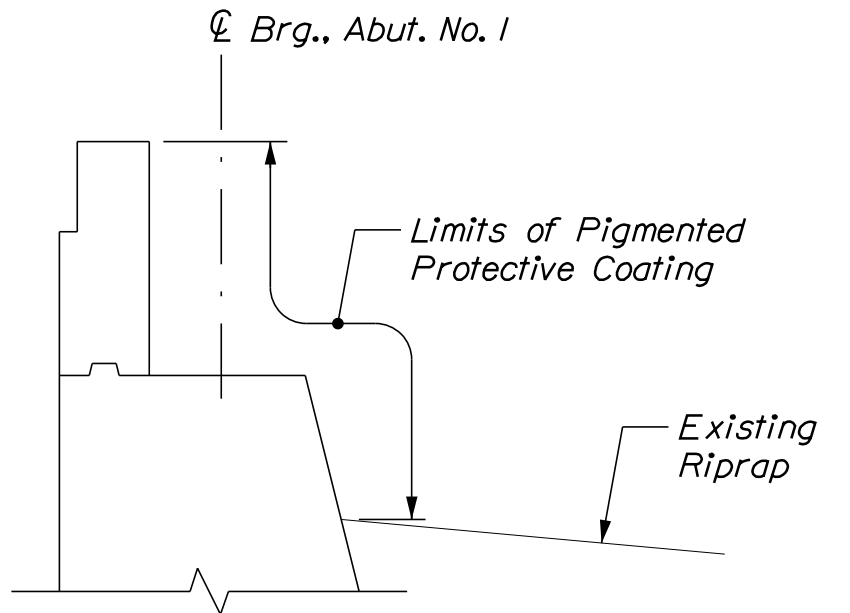
MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
BRIDGE TYPICAL SECTION

VHB: 55345.00 SHEET NUMBER: A 28
CONTRACT: 2024.01 28 OF A40

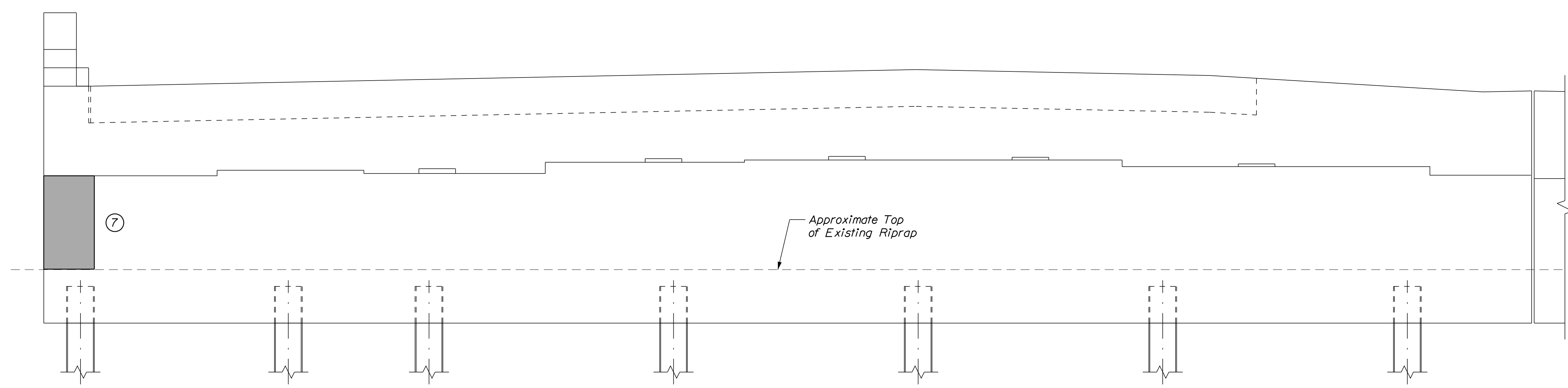
Date: 11/3/2023



PLAN
Scale: 3/8" = 1'-0"



SECTION A-A
Not to Scale



ELEVATION
Scale: 3/8" = 1'-0"

ESTIMATED CONCRETE REPAIR QUANTITIES (SF)

Surface Abutment Repairs 10*
* Includes 2 S.F. Additional Repair Quantity As A Contingency

NOTE
1. All labor, equipment, and materials necessary to jack and replace the bearings shall be paid for under 524.7212 Jacking Existing Superstructure (Spruce Creek) and Item 523.521 Bearing Removal and Installation, respectively. See Miscellaneous Details sheet for information on resetting the bearings.

SHEET NOTE
1. For Concrete Repair Notes and Details see Concrete Repair Typical Details sheet.

- KEY**
- Limit of Crack Repair
 - Limit of Surface Patch Repair
 - Linear Feet of Crack Repair
 - Square Footage of Repair

Scale: 3/8" = 1'-0"

| No. | Revision | By | Date |
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Designed by:

| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
|---|-----|---------|--------------|-----|---------|
| | By | Date | Checked | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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500 Southborough Dr.
Suite 105B
South Portland, ME 04106
TEL (207) 889-3150
FAX (207) 253-5596

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

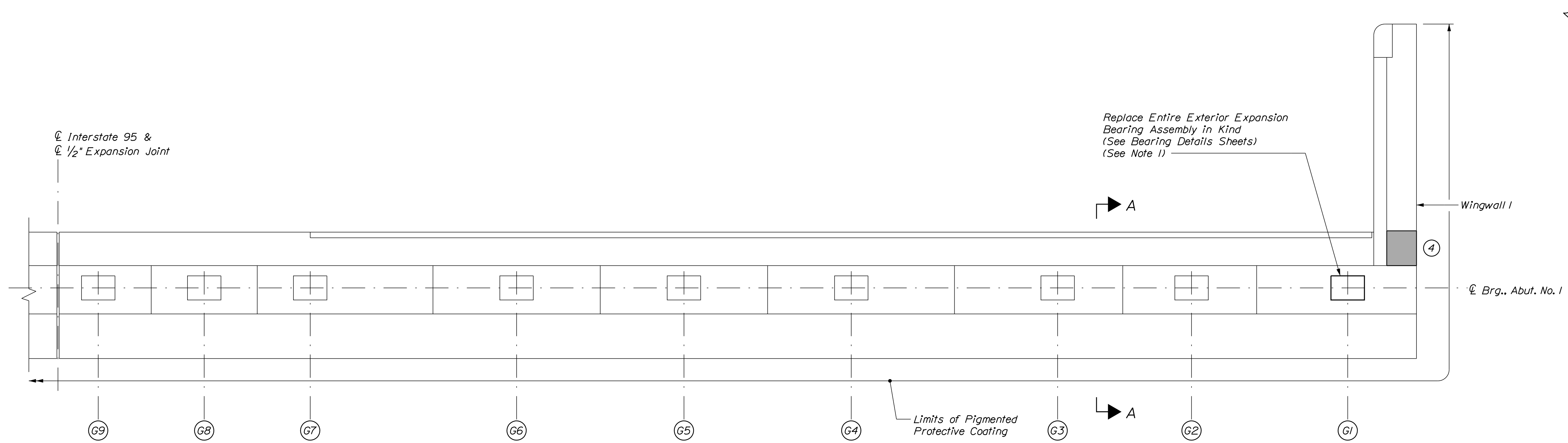
MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
NB ABUTMENT NO. 1 REPAIRS

VHB: 55345.00
CONTRACT: 2024.01

SHEET NUMBER: A 29
29 OF A40

Filename: ...\\A29_NBAbut1_4.dgn

Date: 11/3/2023



PLAN
Scale: 3/8" = 1'-0"

**ESTIMATED CONCRETE
REPAIR QUANTITIES (SF)**

Surface Abutment Repairs 10*

* Includes 4 S.F. Additional Repair Quantity
As A Contingency

NOTES

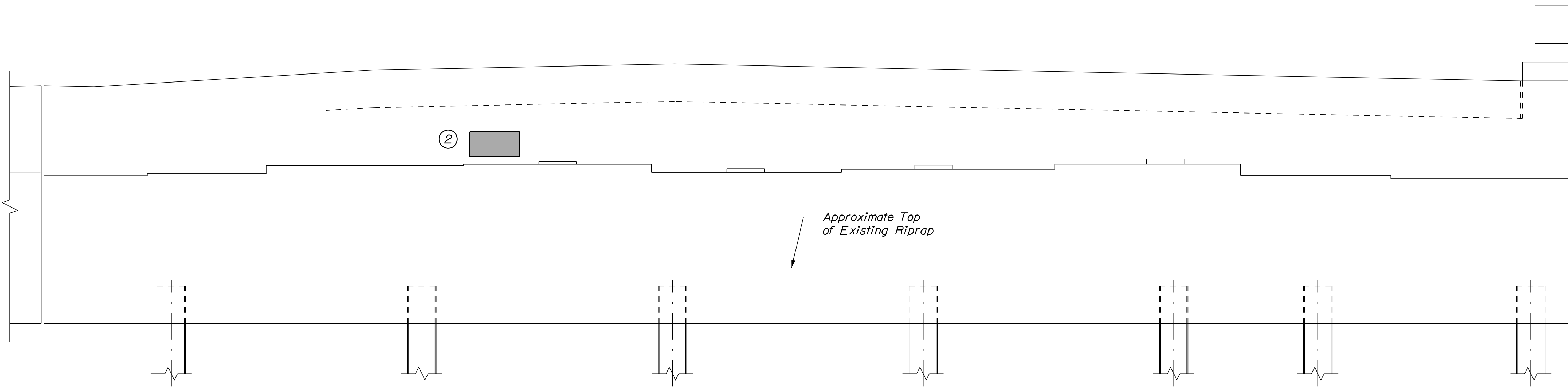
- All labor, equipment, and materials necessary to jack and replace the bearings shall be paid for under 524.72(2) Jacking Existing Superstructure (Spruce Creek) and Item 523.52(1) Bearing Removal and Installation, respectively. See Miscellaneous Details sheet for information on resetting the bearings.
- Transition Barrier Concrete Repairs shall be paid for under Item 518.10, Abutment Repairs.

SHEET NOTES

- For Concrete Repair Notes and Details see Concrete Repair Typical Details sheet.
- For Section A-A see NB Abutment No. 1 Repairs sheet.

KEY

- Limit of Crack Repair
- Limit of Surface Patch Repair
- Linear Feet of Crack Repair
- Square Footage of Repair



ELEVATION
Scale: 3/8" = 1'-0"

Filename: ...A30_SBAbut1_4.dgn

Scale: 3/8" = 1'-0"

| No. | Revision | By | Date |
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Designed by:

CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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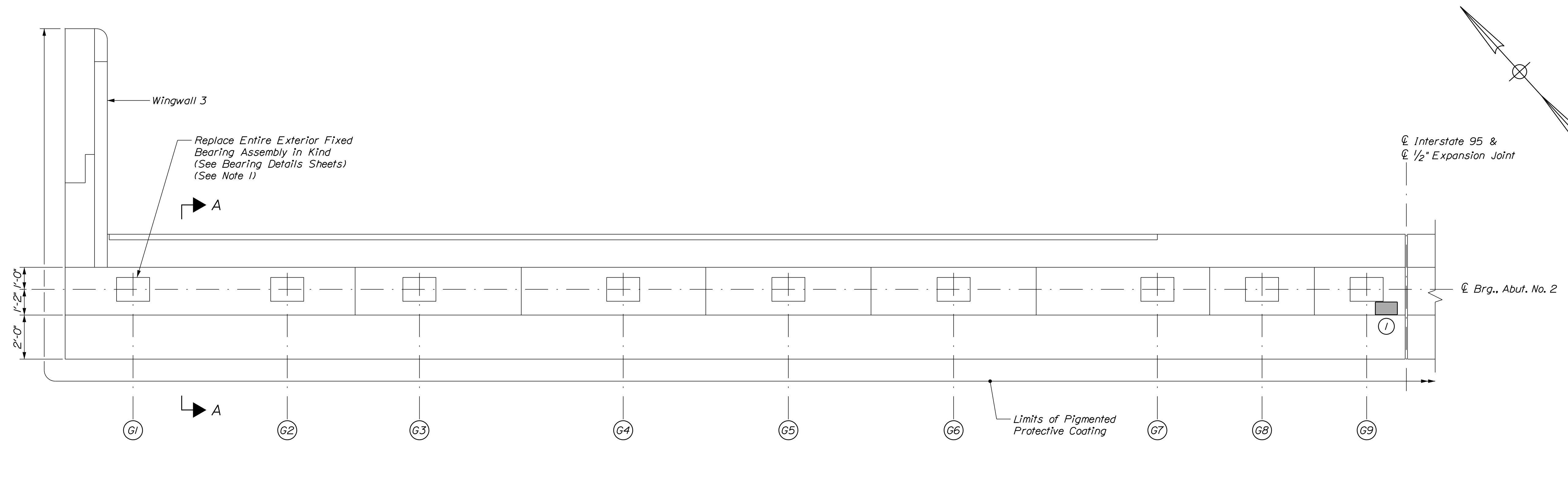
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

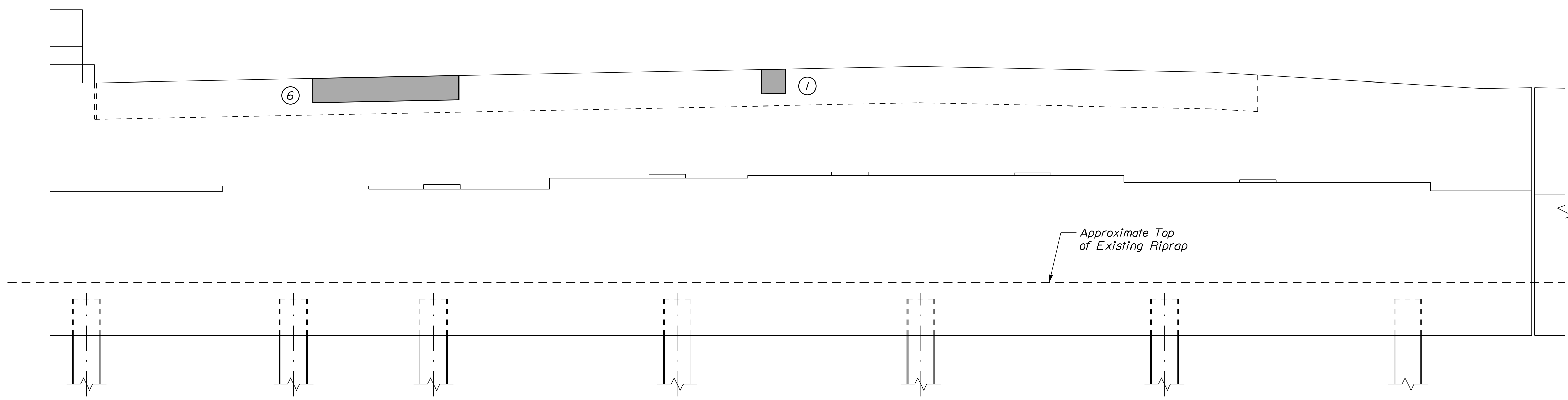
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 SB ABUTMENT NO. 1 REPAIRS

VHB: 55345.00 SHEET NUMBER: A30
 CONTRACT: 2024.01 30 OF A40

Date: 11/3/2023



PLAN
Scale: 3/8" = 1'-0"



ELEVATION
Scale: 3/8" = 1'-0"

ESTIMATED CONCRETE REPAIR QUANTITIES (SF)

Surface Abutment Repairs 10*
* Includes 2 S.F. Additional Repair Quantity As A Contingency

NOTE
1. All labor, equipment, and materials necessary to jack and replace the bearings shall be paid for under 524.7212 Jacking Existing Superstructure (Spruce Creek) and Item 523.521 Bearing Removal and Installation, respectively. See Miscellaneous Details sheet for information on resetting the bearings.

SHEET NOTES
1. For Concrete Repair Notes and Details see Concrete Repair Typical Details sheet.
2. For Section A-A see NB Abutment No. 1 Repairs sheet.

- KEY**
- Limit of Crack Repair
 - Limit of Surface Patch Repair
 - # Linear Feet of Crack Repair
 - ⊙ Square Footage of Repair

Filename: ...A31_SBAbut2_4.dgn

Scale: 3/8" = 1'-0"

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Designed by:

CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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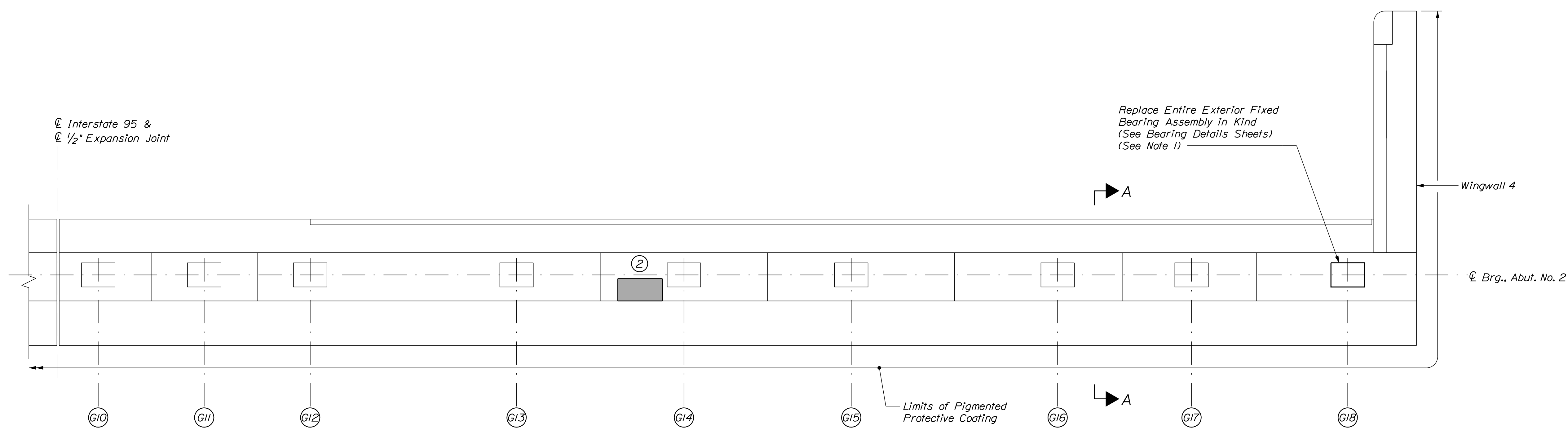
MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
SB ABUTMENT NO. 2 REPAIRS

VHB: 55345.00
CONTRACT: 2024.01

SHEET NUMBER: A31
31 OF A40

Date: 11/3/2023



PLAN
Scale: 3/8" = 1'-0"

ESTIMATED CONCRETE REPAIR QUANTITIES (SF)

Surface Abutment Repairs 15*
* Includes 5 S.F. Additional Repair Quantity As A Contingency

NOTE

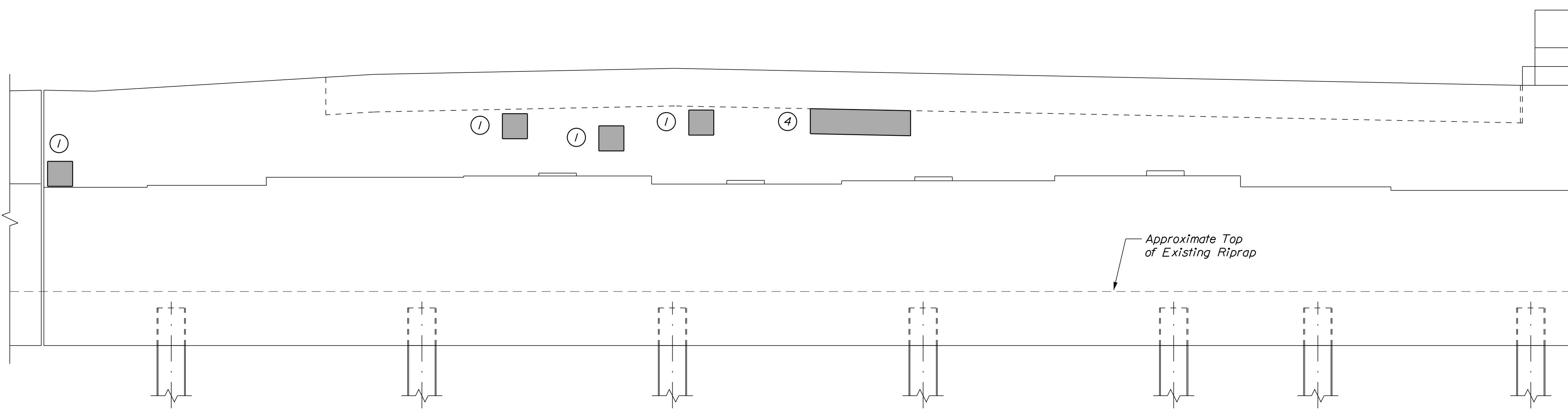
1. All labor, equipment, and materials necessary to jack and replace the bearings shall be paid for under 524.7212 Jacking Existing Superstructure (Spruce Creek) and Item 523.521 Bearing Removal and Installation, respectively. See Miscellaneous Details sheet for information on resetting the bearings.

SHEET NOTES

1. For Concrete Repair Notes and Details see Concrete Repair Typical Details sheet.
2. For Section A-A see NB Abutment No. 1 Repairs sheet.

KEY

- Limit of Crack Repair
- Limit of Surface Patch Repair
- Linear Feet of Crack Repair
- Square Footage of Repair



ELEVATION
Scale: 3/8" = 1'-0"

Filename: ...A32_NBAbut2_4.dgn

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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
| | By | Date | | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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FAX (207) 253-5596

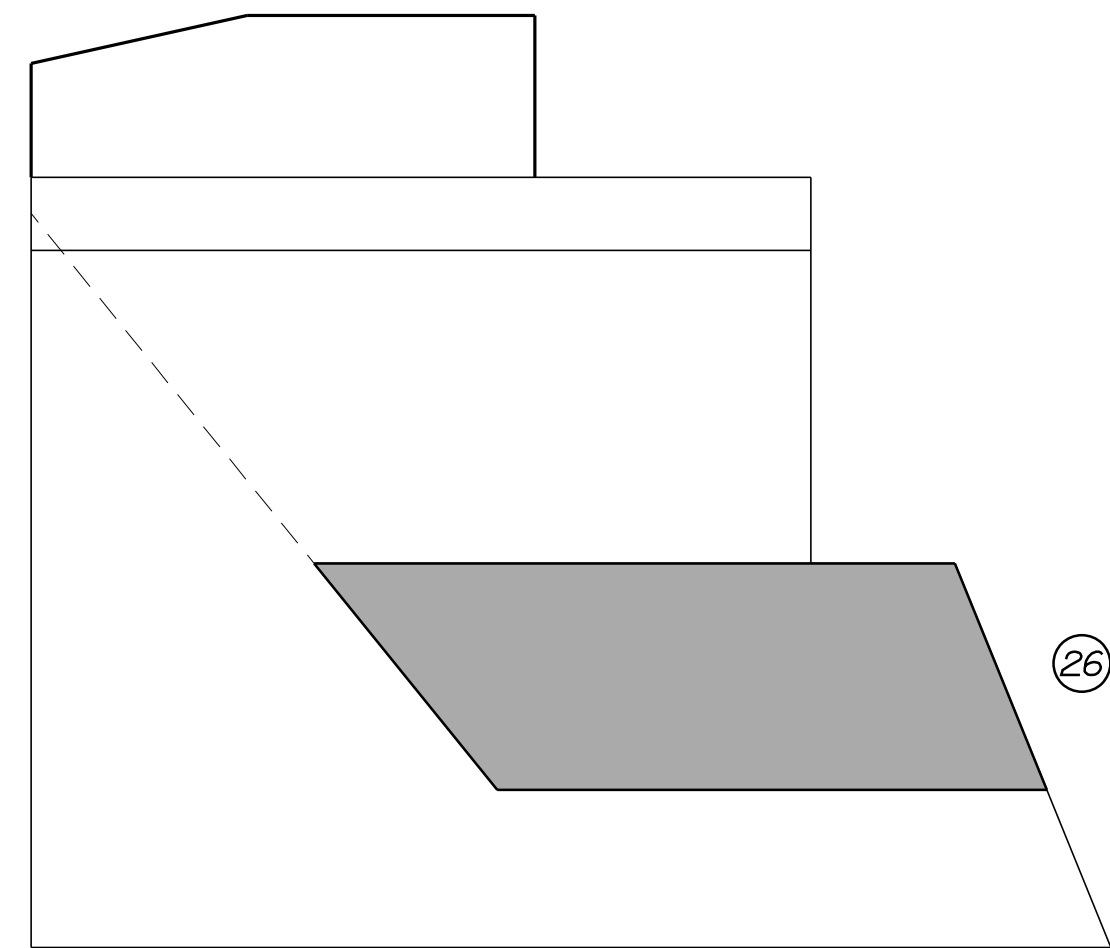
**THE GOLD STAR
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MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

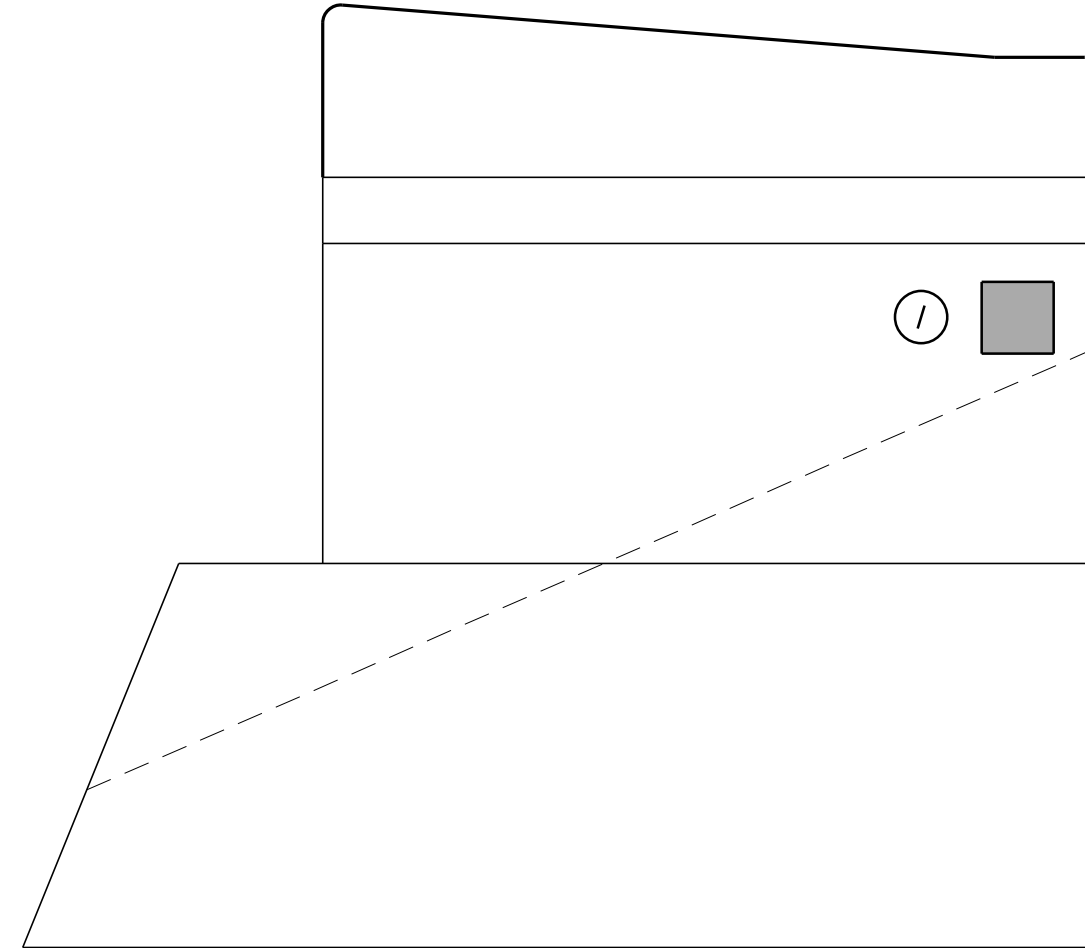
MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
NB ABUTMENT NO. 2 REPAIRS

VHB: 55345.00 SHEET NUMBER: A32
CONTRACT: 2024.01 32 OF A40

Date: 11/3/2023

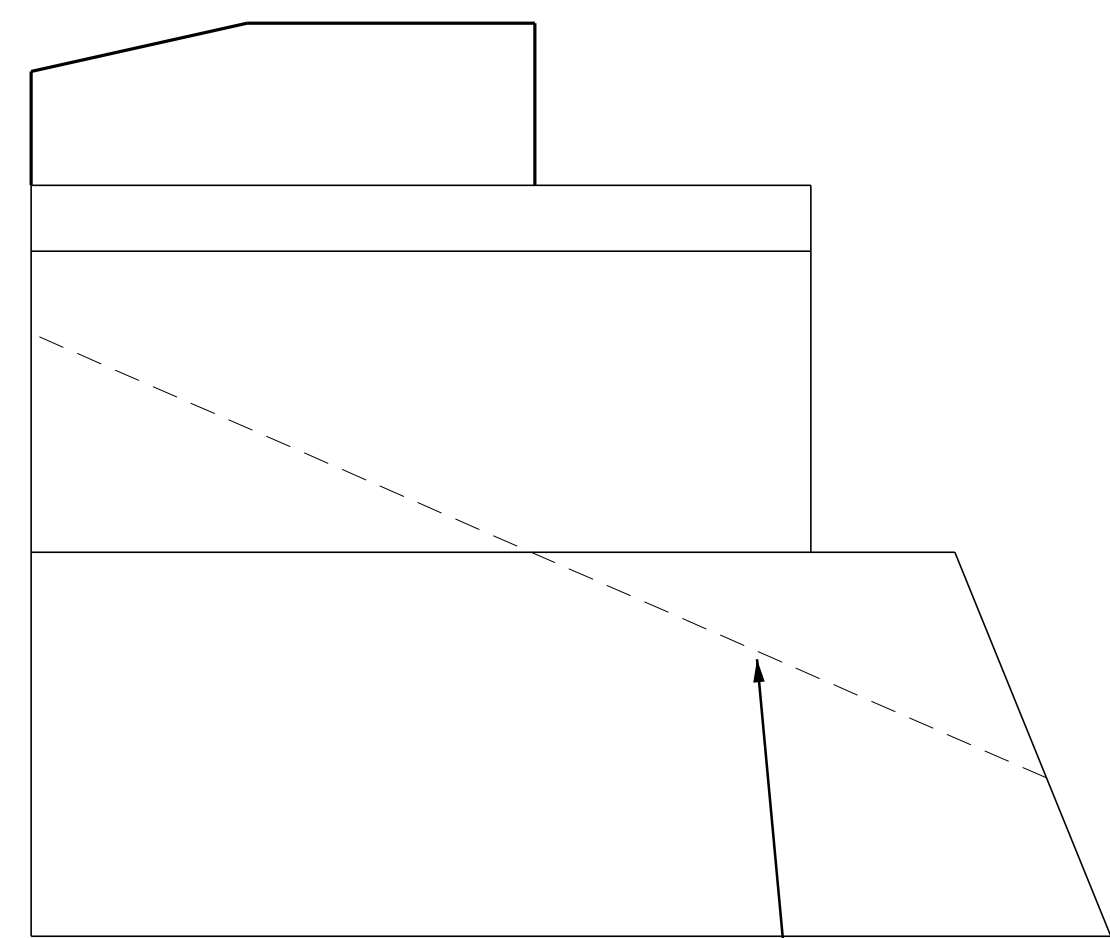


WINGWALL 2
(SOUTHEAST)

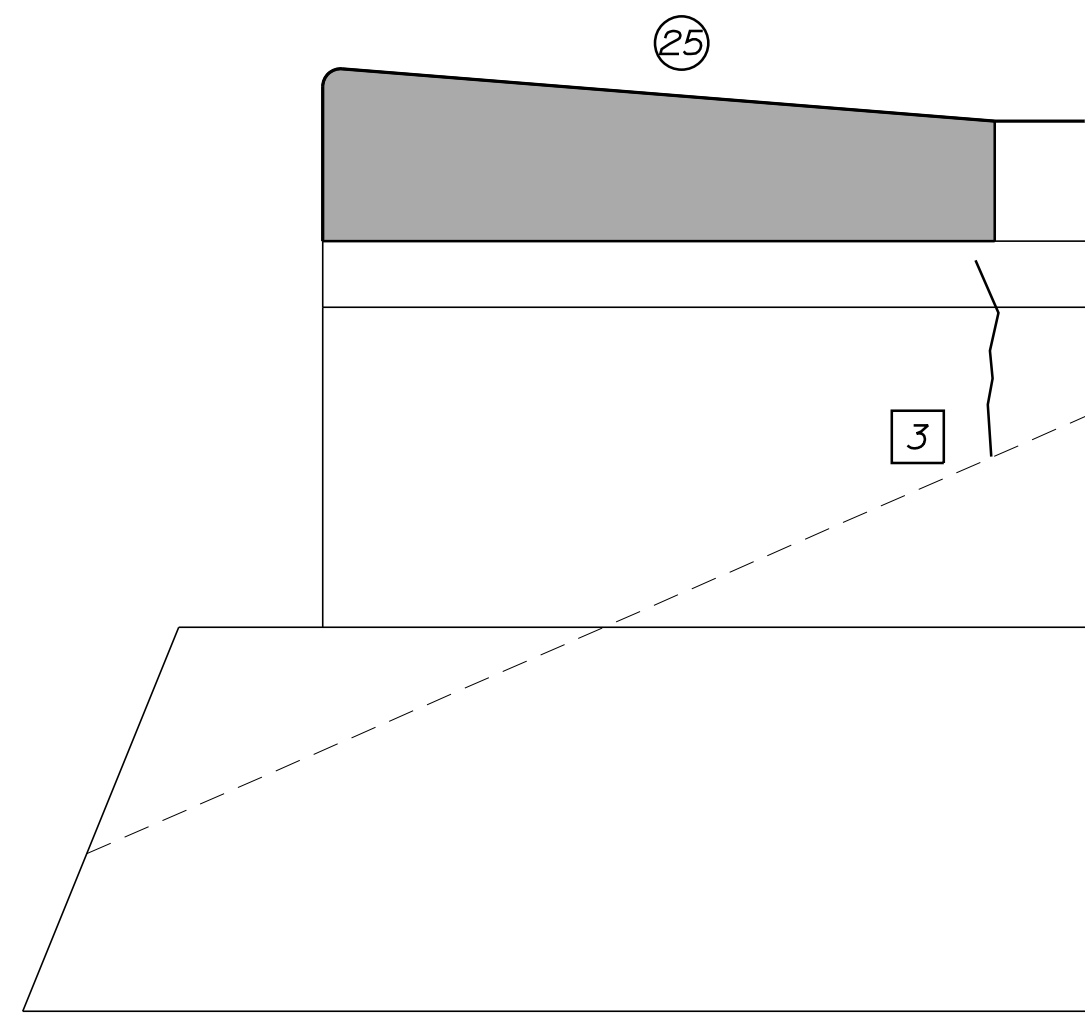


WINGWALL 1
(SOUTHWEST)

ABUTMENT NO. 1
WINGWALL ELEVATIONS
Scale: 3/8" = 1'-0"



WINGWALL 3
(NORTHWEST)



WINGWALL 4
(NORTHEAST)

ABUTMENT NO. 2
WINGWALL ELEVATIONS
Scale: 3/8" = 1'-0"

ESTIMATED CONCRETE
REPAIR QUANTITIES (SF/LF)

| | |
|--|-------|
| Surface Abutment Repairs | 65 * |
| * Includes 13 S.F. Additional Repair Quantity As A Contingency | |
| Epoxy Injection Crack Repair | 10 ** |
| ** Includes 7 L.F. Additional Repair Quantity As A Contingency | |

NOTES

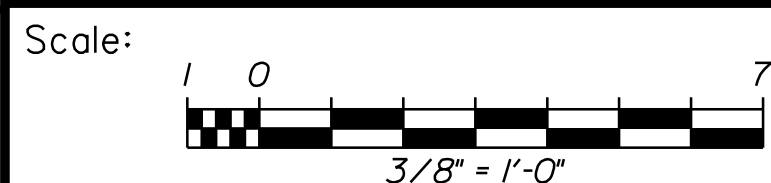
1. Wingwall and Transition Barrier Concrete Repairs shall be paid for under Item 518.10, Abutment Repairs.
2. At Wingwall 4, the 25 SF of patch repair includes both the interior and exterior faces of the transition barrier.

SHEET NOTE

1. For Crack and Concrete Repair Notes and Details see Concrete Repair Typical Details Sheet.


KEY

- Limit of Crack Repair
- Limit of Surface Patch Repair
- Linear Feet of Crack Repair
- Square Footage of Repair



| No. | Revision | By | Date |
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Designed by:



CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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Suite 105B
South Portland, ME 04106
TEL (207) 889-3150
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THE GOLD STAR
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MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
WINGWALL REPAIRS

VHB: 55345.00

SHEET NUMBER: A33

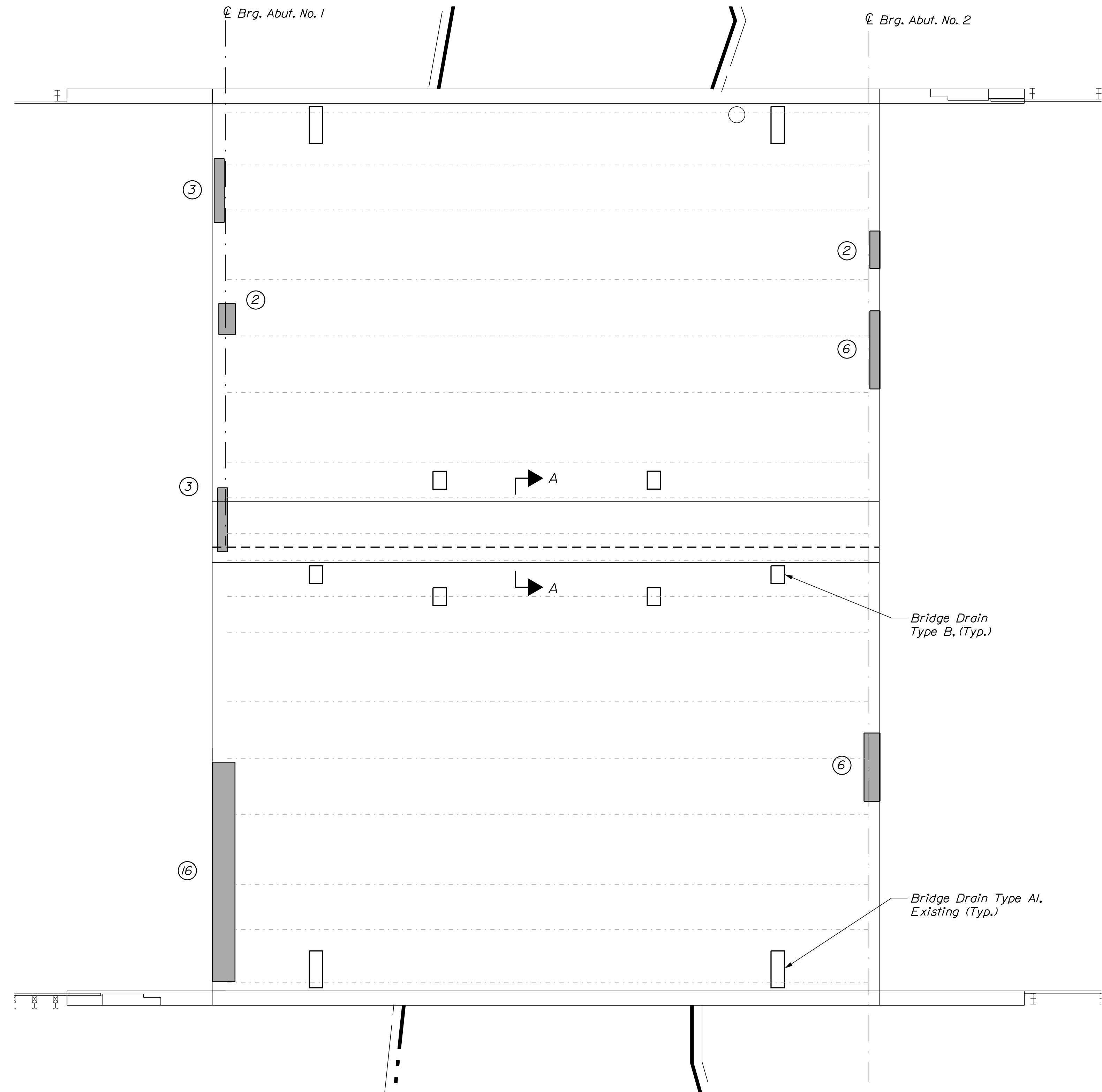
CONTRACT: 2024.01

33 OF A40

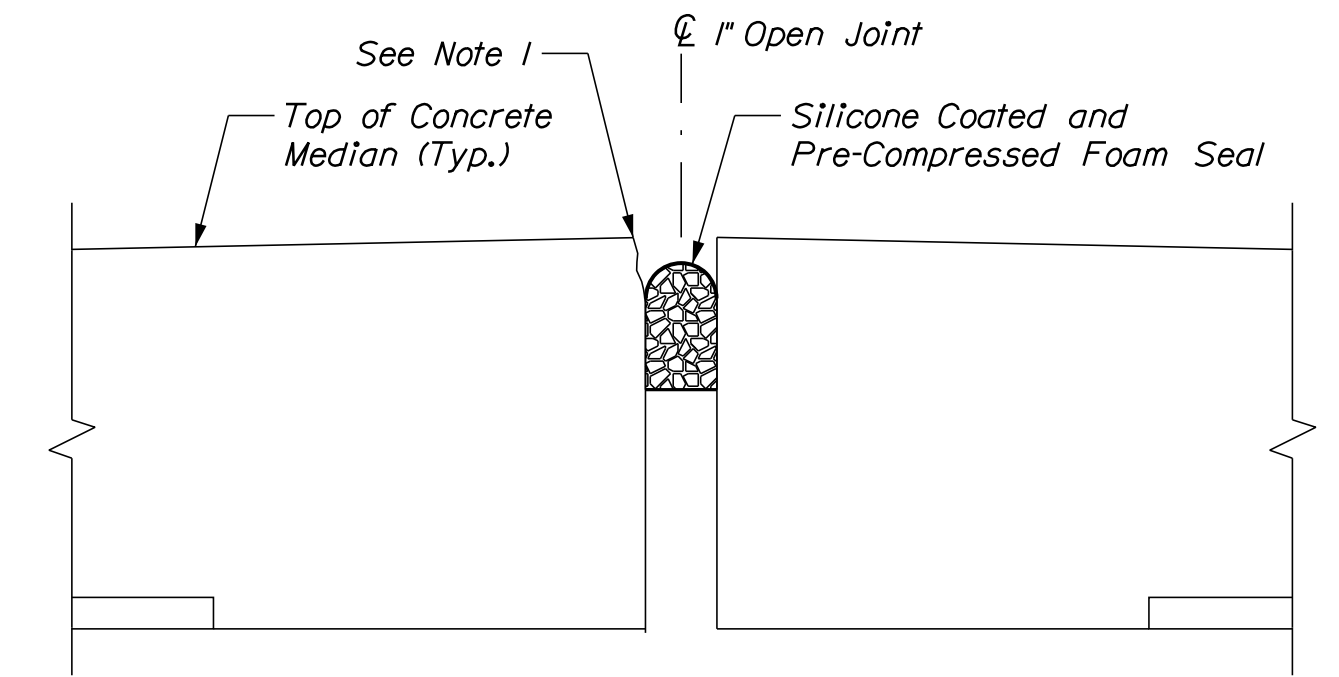
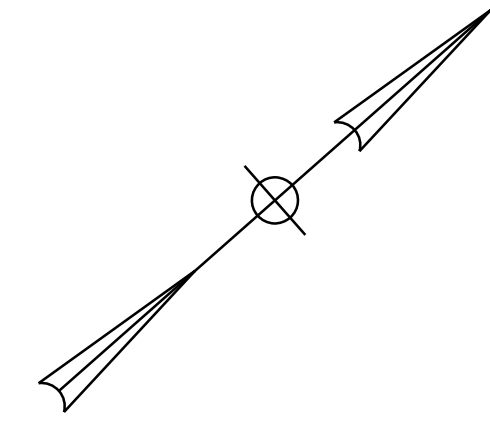
MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

Filename: ...A33_WW_4.dgn

Date: 11/3/2023



PLAN
Not to Scale



SECTION A-A
Not to Scale

ESTIMATED CONCRETE REPAIR QUANTITIES (SF)

Overhead Surface Repairs 40*
*Includes 2 S.F. Additional Repair Quantity As A Contingency

KEY

- Limit of Crack Repair
- Limit of Surface Patch Repair
- Linear Feet of Crack Repair
- Square Footage of Repair

NOTE

1. Prior to installing the Silicone Coated and Pre-Compressed Foam Seal, the Contractor shall reestablish a neat vertical face to ensure a proper seal. The Contractor shall use a concrete repair material for vertical services selected from Specification Section 518.02, Repair Materials. All costs for this work shall be incidental to Item 520.234, Expansion Device - Silicone Coated and Pre-Compressed Seal.

SHEET NOTE

1. For Concrete Repair Notes and Details see Concrete Repair Typical Details Sheet.

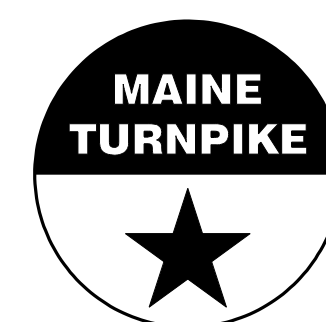
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Scale: AS NOTED

Designed by:



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**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
DECK UNDERSIDE REPAIRS

| No. | Revision | By | Date |
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
|---|-----|---------|--------------|-----|---------|
| | By | Date | Checked | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

VHB: 55345.00

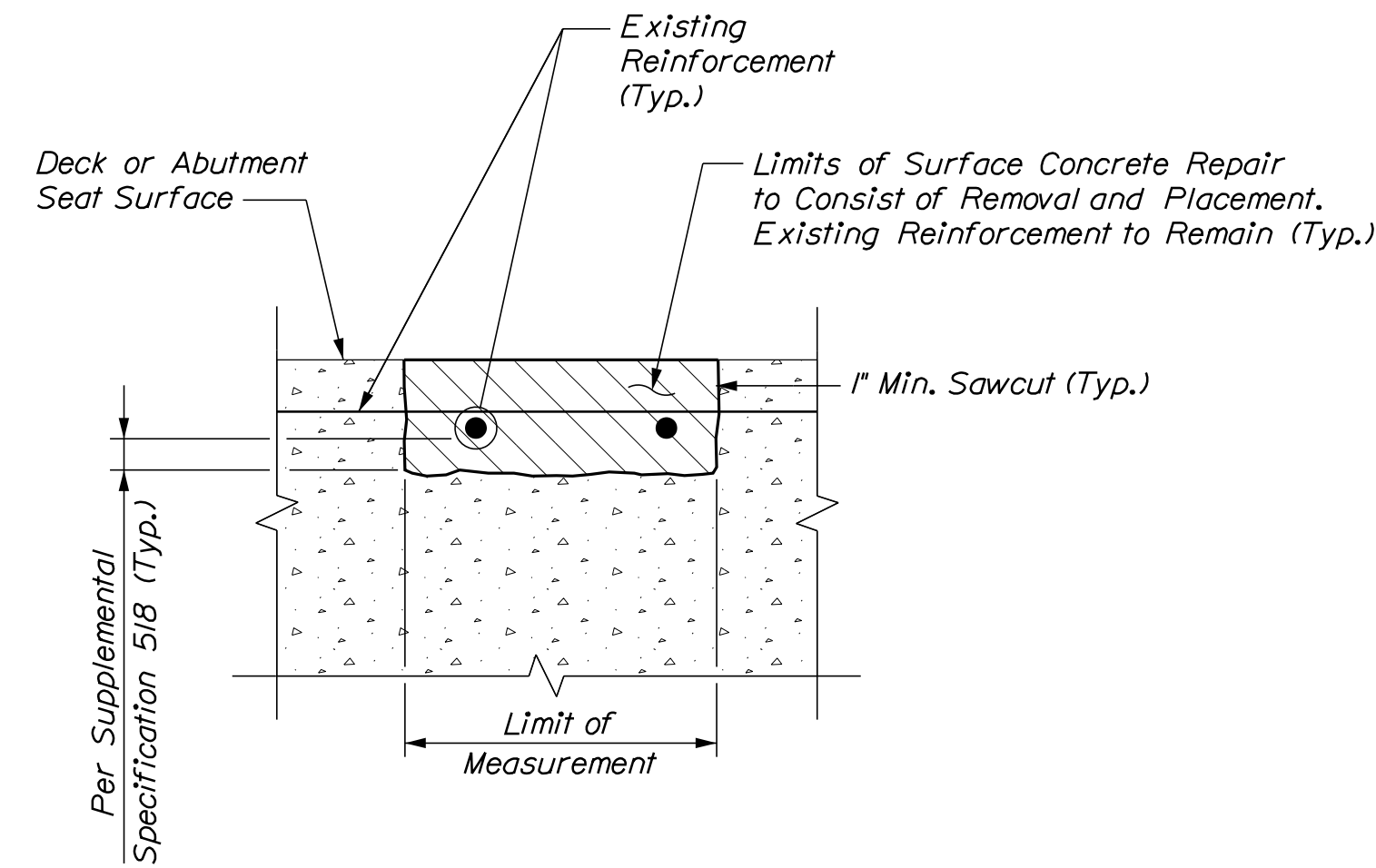
SHEET NUMBER: A34

CONTRACT: 2024.01

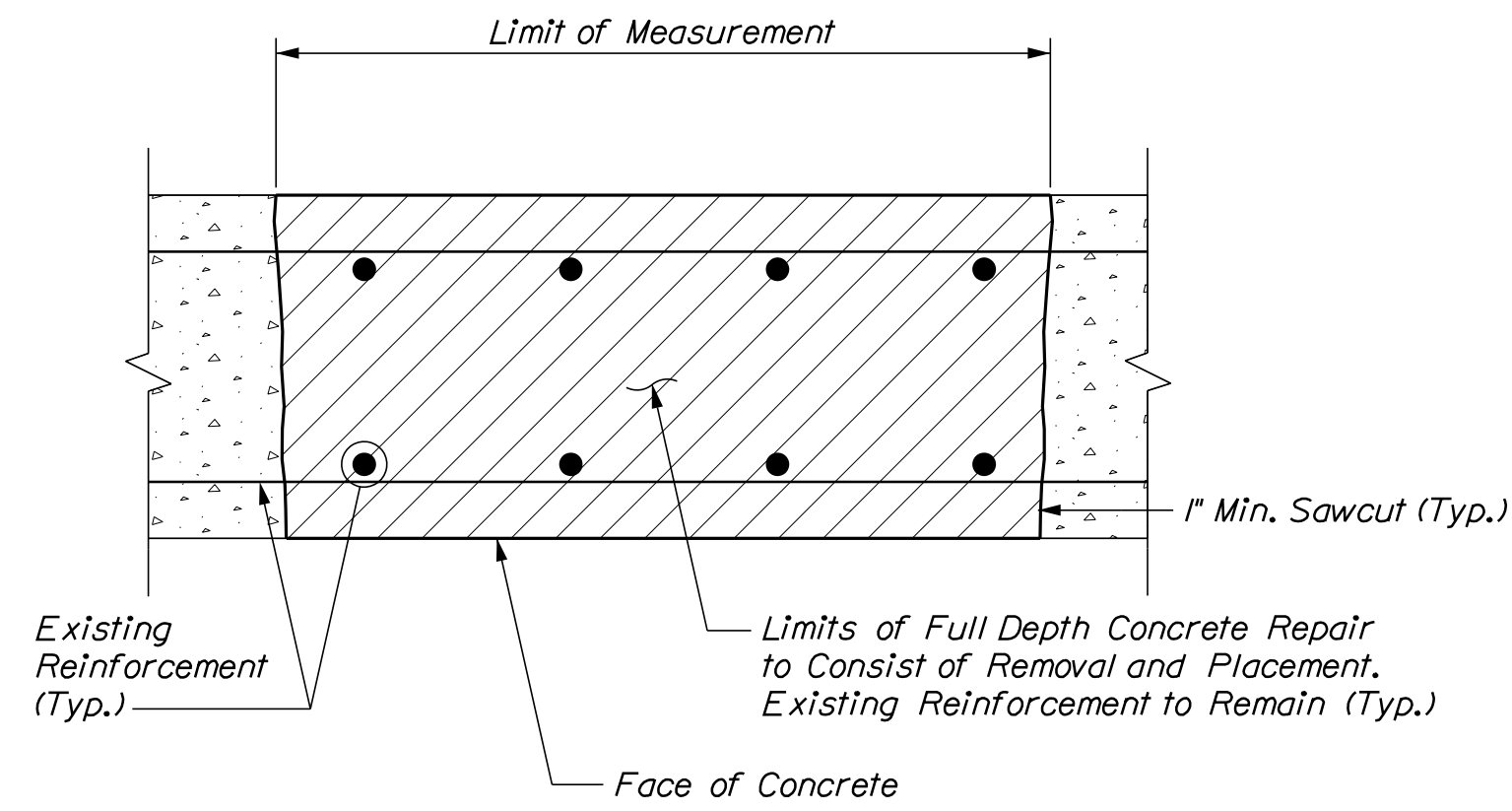
34 OF A40

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

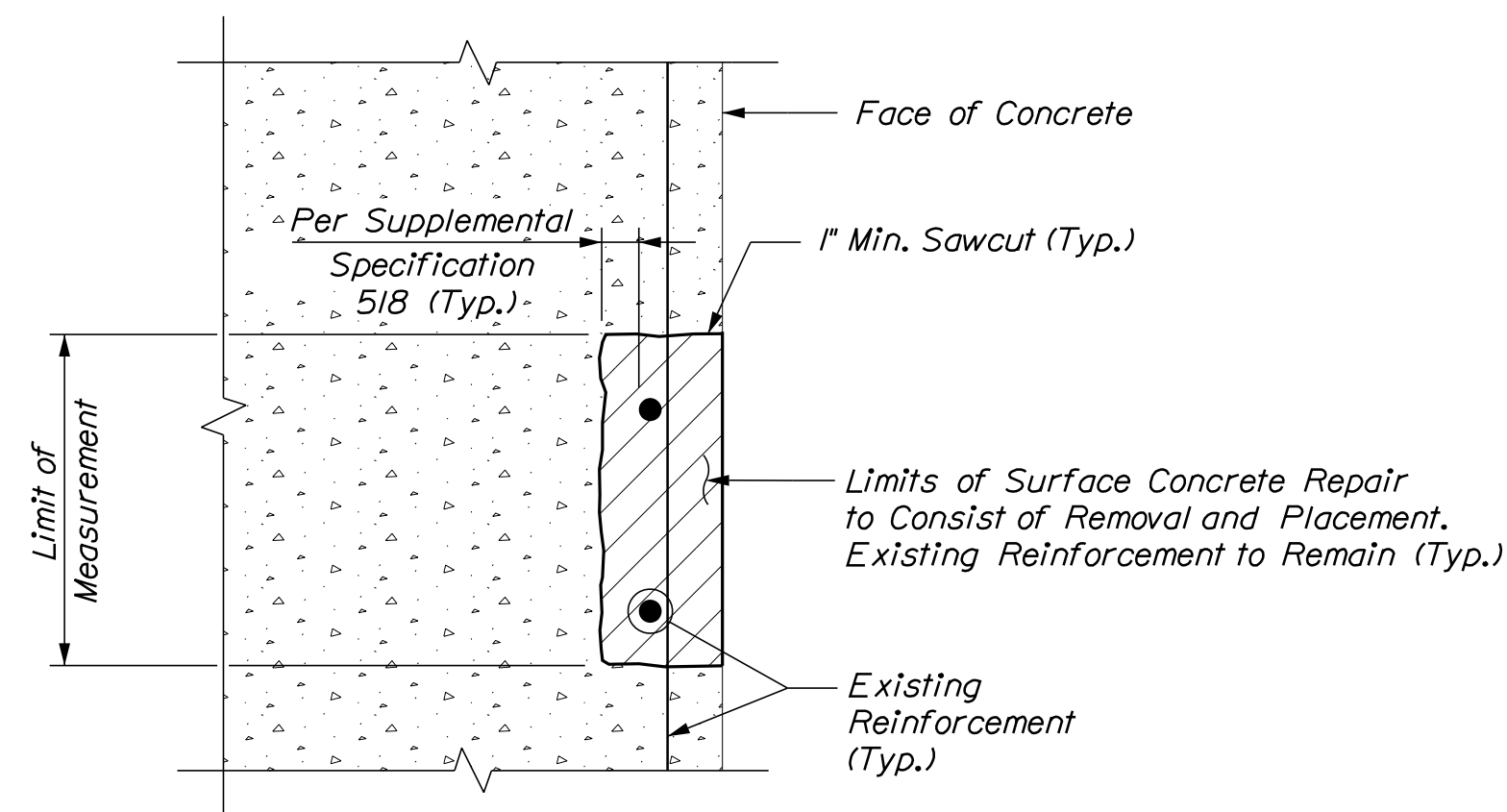
Date: 11/3/2023



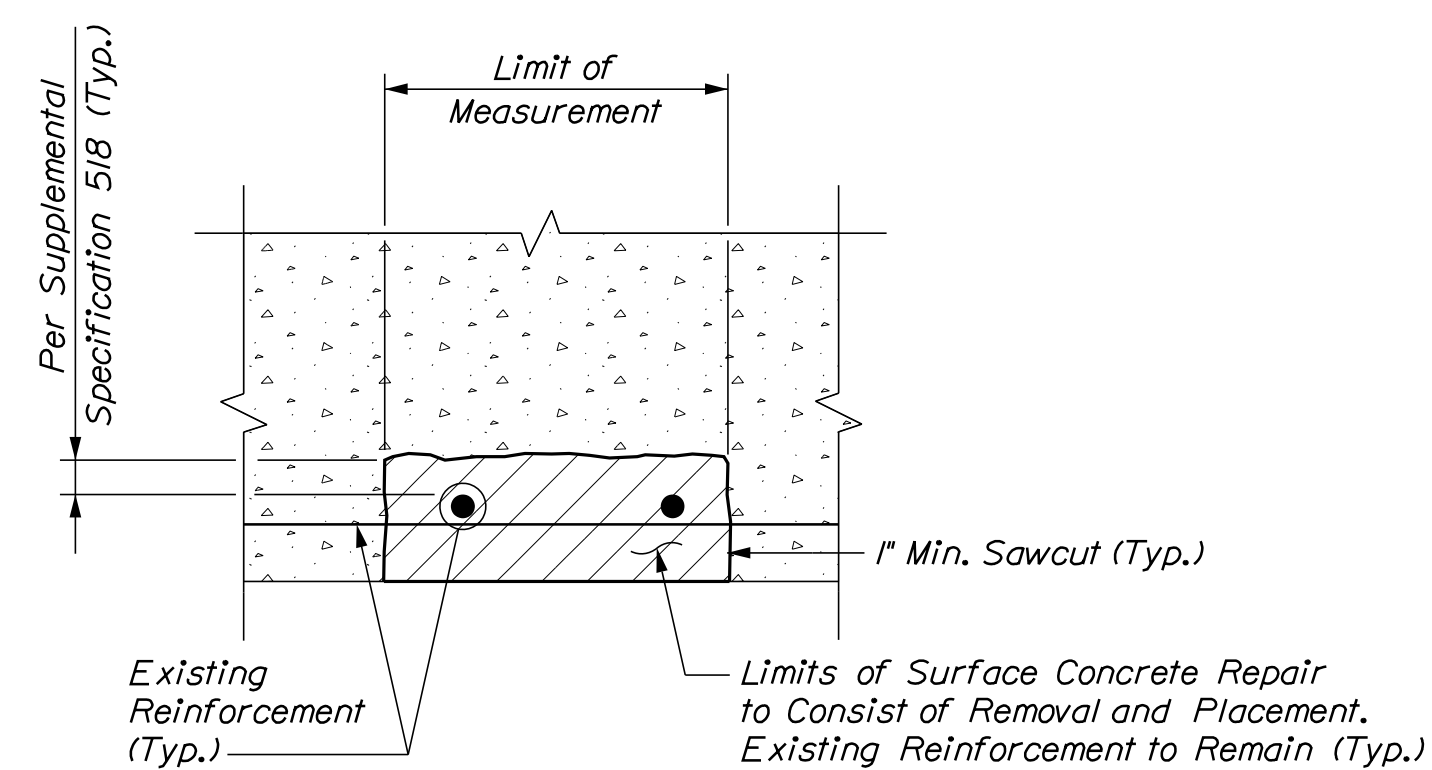
TYPICAL HORIZONTAL SURFACE CONCRETE REPAIR DETAILS



TYPICAL FULL DEPTH CONCRETE REPAIR DETAILS



TYPICAL VERTICAL SURFACE CONCRETE REPAIR DETAILS



TYPICAL OVERHEAD SURFACE CONCRETE REPAIR DETAILS

CONCRETE REPAIR NOTES

1. Repair work shall include: surface concrete repairs, epoxy injection crack repair and providing access for inspection.
2. Where surface concrete repairs are specified the work shall include removal of unsound concrete and placement and curing of repair materials. Repairs shall be measured for payment under Items 518.10, Abutment Repairs and 518.70, Repair of Overhead Surfaces < 8 Inches.
3. Prior to the start of any concrete repairs the Resident and the Contractor shall sound all concrete surfaces and agree on the repair limits. Estimated repair quantities may increase at the Resident's discretion.
4. The estimated repair quantities are based on inspections completed in April - December 2020.

CONCRETE SURFACE REPAIR NOTES

1. Perform 1" deep saw cuts along limits of removal.
2. Chip concrete to the depth specified in Supplemental Specification 518. If the removal limits change during the demolition process the Contractor shall notify the Resident. The Resident and Contractor shall agree on the revised pay limits prior to the Contractor continuing the removal.
3. Prepare and patch repair areas with Class AAA modified concrete.
4. Perform general finishing.

EPOXY INJECTION CRACK REPAIR NOTES

1. All crack repairs shall be completed by an individual qualified and experienced in the type of repairs proposed.
2. All crack repairs shall be completed in accordance with Supplemental Specification 518.
3. Where epoxy injection crack repair is specified the work shall include pressure injection of cracks 1/16" or more in width. Work shall be paid under Item 518.4 Epoxy Injection Crack Repair.


KEY

- Existing Concrete
- Proposed Concrete

Filename: ...A35_concrerepair.dgn

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| No. | Revision | By | Date |
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Designed by:



CONSULTANT PROJECT MANAGER: G. Edington

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|----------|-----|---------|--------------|-----|---------|
| | By | Date | | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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 500 Southborough Dr.
 Suite 105B
 South Portland, ME 04106
 TEL (207) 889-3150
 FAX (207) 253-5596



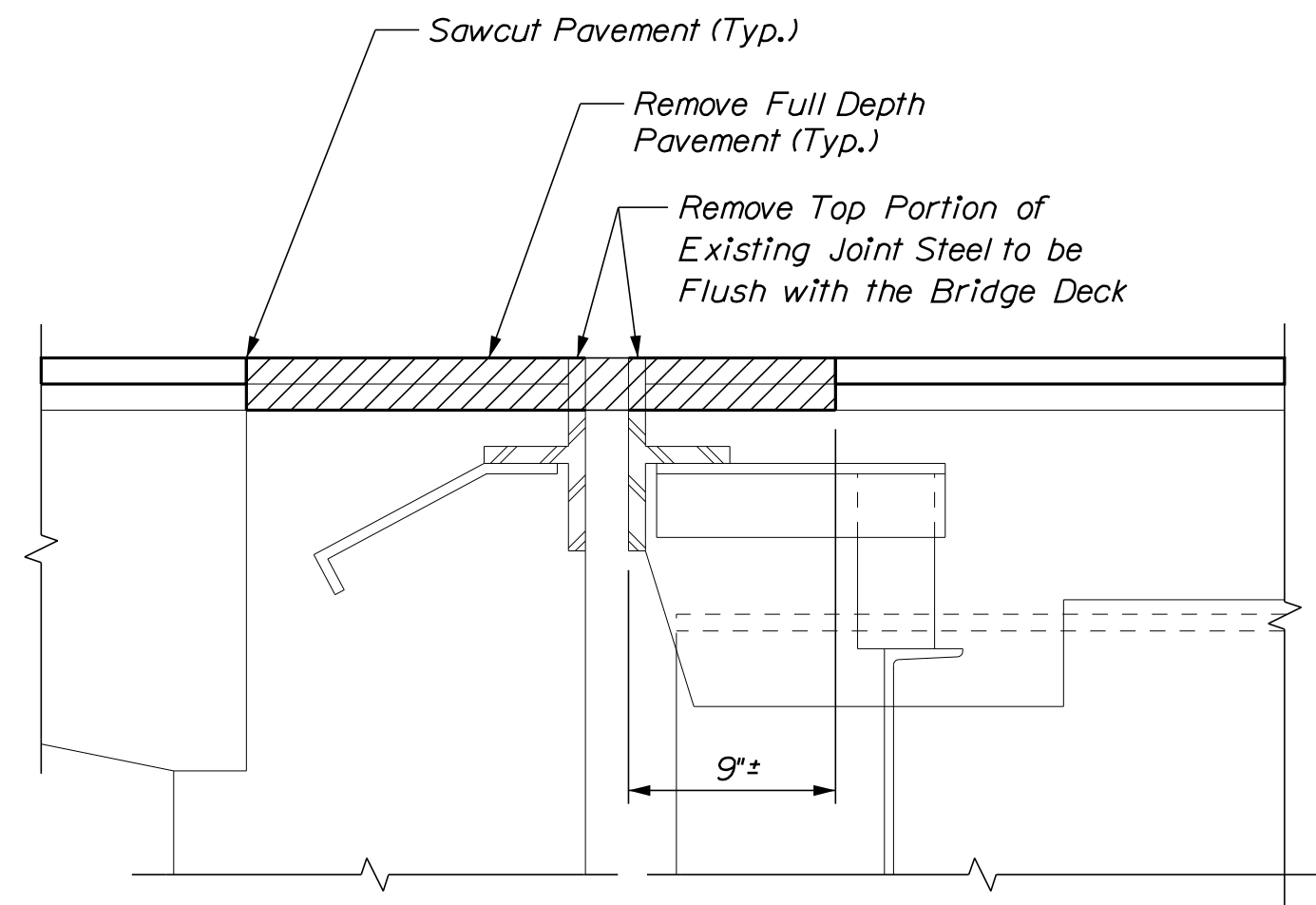
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

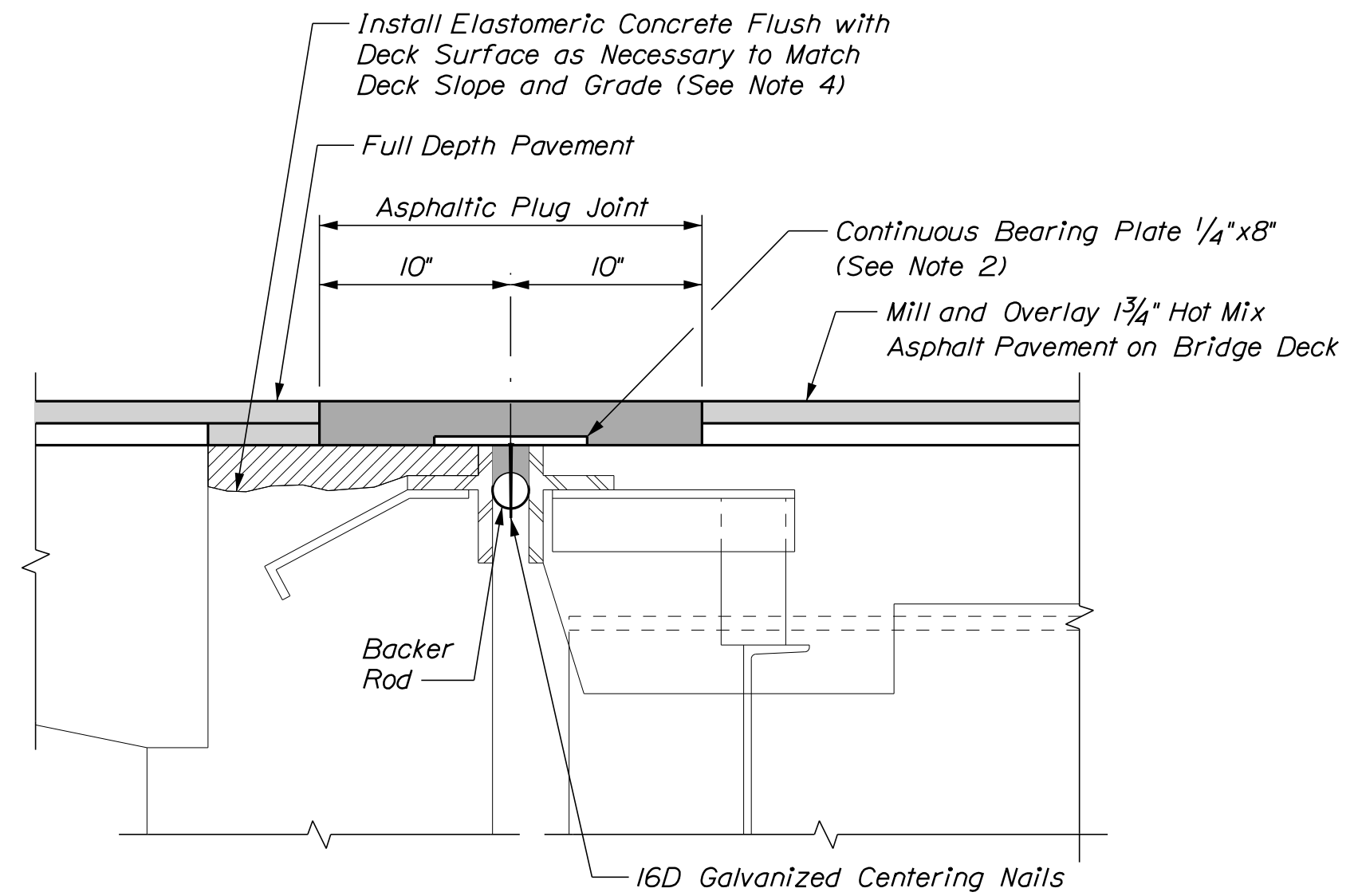
MTA PROJECT NO. 2024.01
 INTERSTATE 95 OVER SPRUCE CREEK
 AT MM 2.20 IN YORK, ME
 CONCRETE REPAIR TYPICAL DETAILS

VHB: 55345.00 SHEET NUMBER: A35
 CONTRACT: 2024.01 35 OF A40

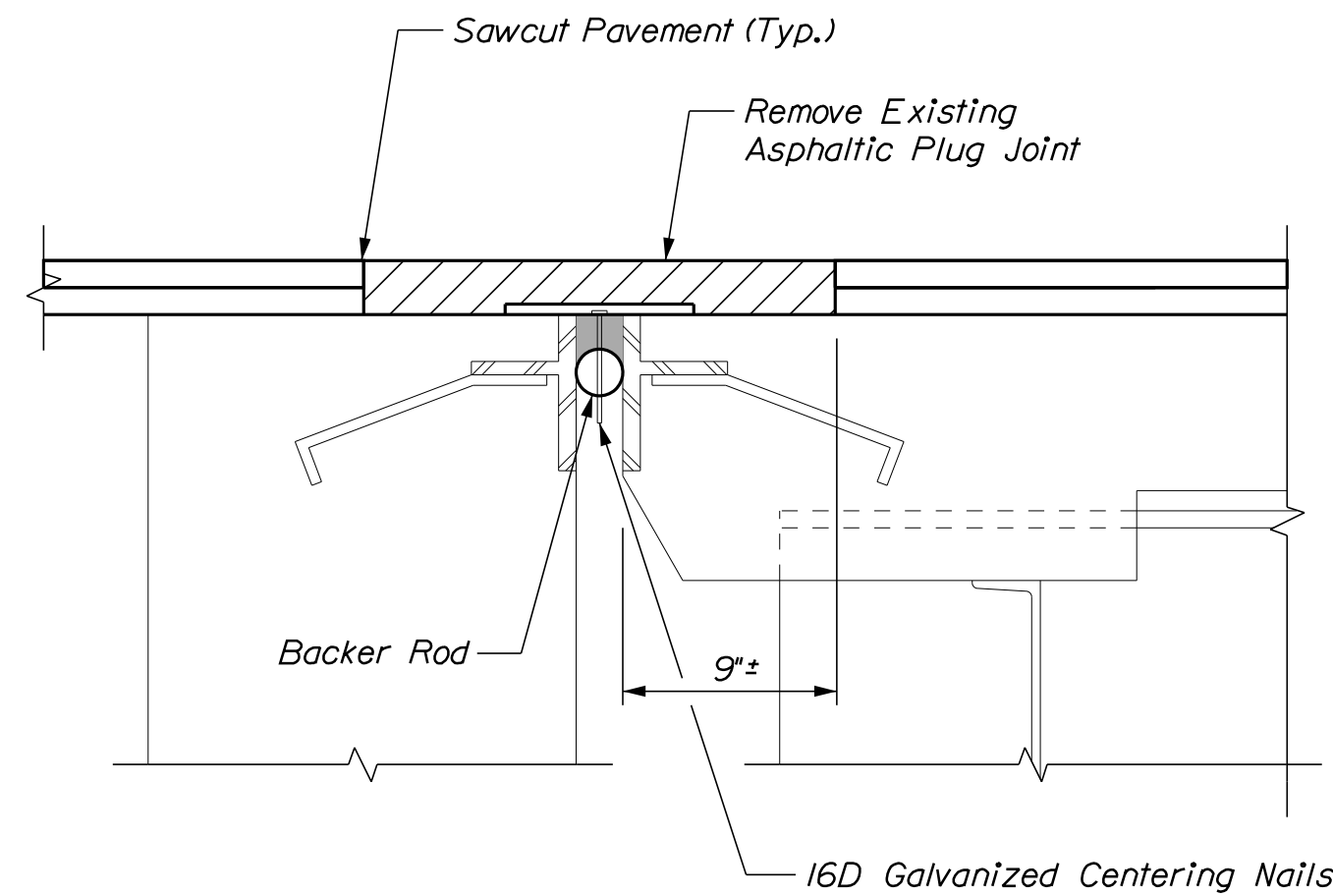
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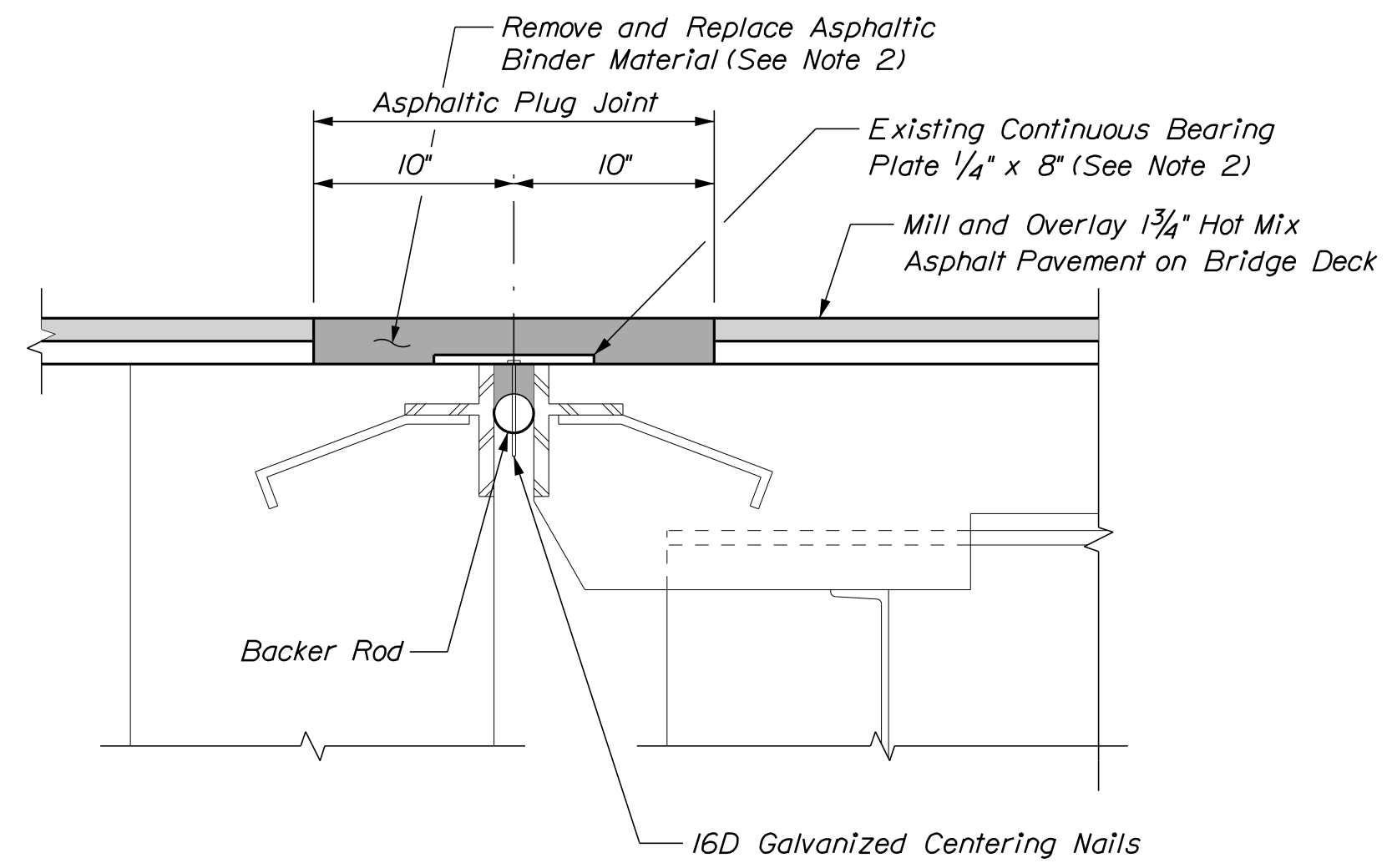
EXISTING NB BRIDGE JOINT
Not to Scale



PROPOSED NB BRIDGE JOINT
Not to Scale



EXISTING SB BRIDGE JOINT
Not to Scale



PROPOSED SB BRIDGE JOINT
Not to Scale

NOTES

1. Repair concrete deck as directed by the Resident. Deck and backwall and concrete repair, if required, shall be paid for under the appropriate 518 concrete repair items.
2. Continuous Bearing Plate shall be incidental to Item 520.23 Asphaltic Plug Joint (Spruce Creek NB) and (Spruce Creek SB).
3. See Miscellaneous Detail sheet for the joint treatment at the bridge curbs.
4. All work associated with the installation of Elastomeric Concrete shall be paid for under Item 518.865, Elastomeric Concrete.

SHEET NOTE

1. See Miscellaneous Details sheet for Joint Detail at Curb for the Asphaltic Plug Joint treatment at the curb.

Filename: ...A36_Joint.dgn

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| Scale: | | | |
| No. | Revision | By | Date |
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| Designed by: | | | | | |
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
| | By | Date | | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

VANASSE HANGEN BRUSTLIN, INC.
500 Southborough Dr.
Suite 105B
South Portland, ME 04106
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FAX (207) 253-5596

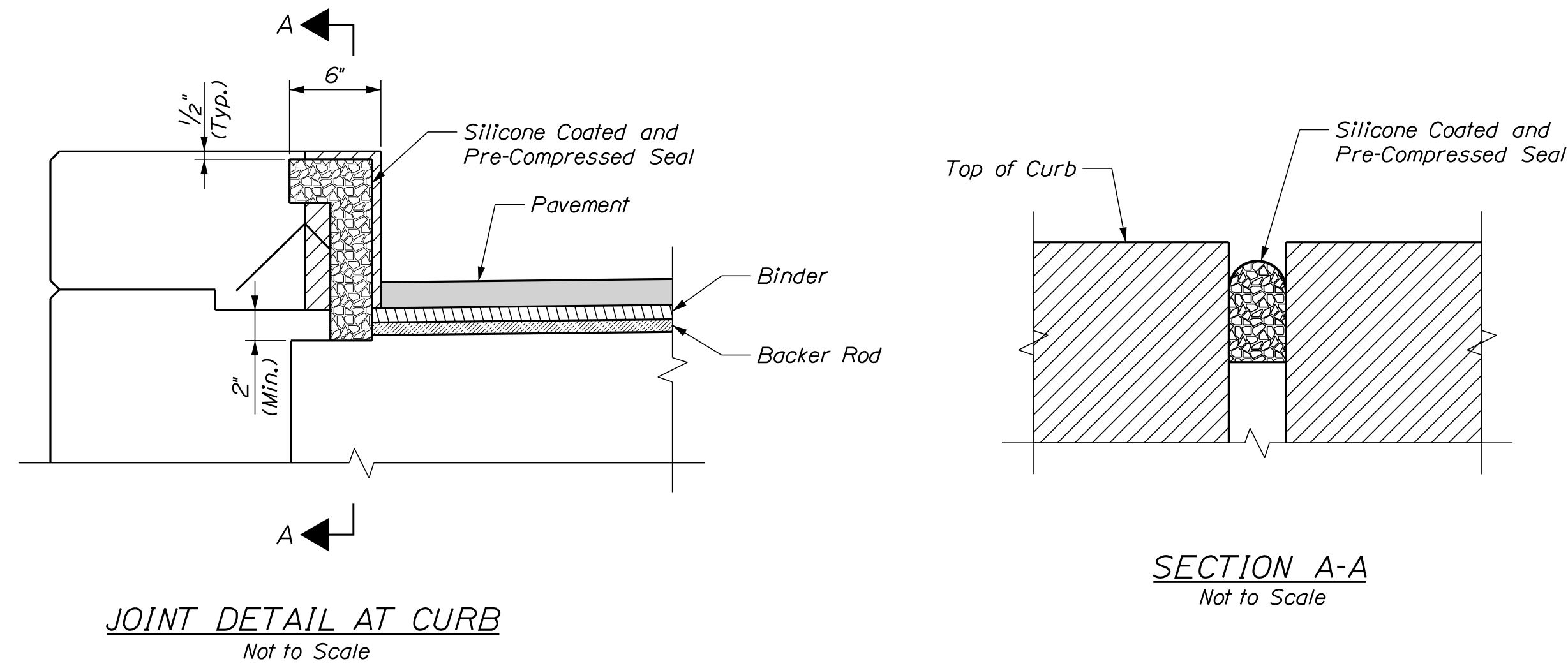
**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
BRIDGE JOINT MODIFICATIONS

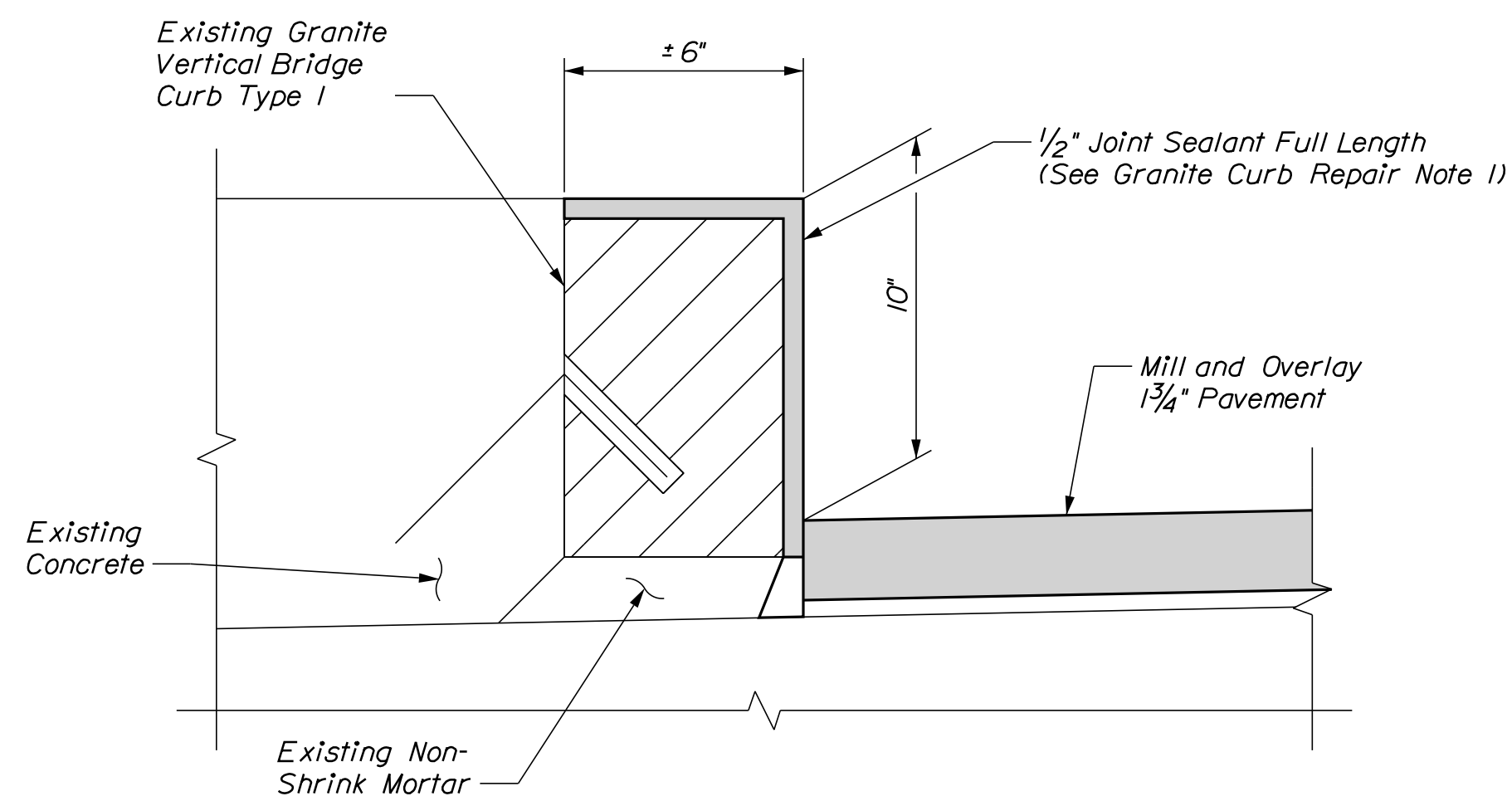
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|-------------------|-------------------|
| VHB: 55345.00 | SHEET NUMBER: A36 |
| CONTRACT: 2024.01 | 36 OF A40 |

Date: 11/3/2023



JOINT NOTES

1. Joint Detail at Curb applies to all locations which are receiving a new or replacement Asphaltic Plug Joint.
2. Silicone Coated and Pre-Compressed Seal shall be an emseal bridge expansion joint system (BEJS) seal. Installation shall be in accordance with manufacturer specification. Payment shall be incidental to the Asphaltic Plug Joint items.
3. After the installation of the asphaltic plug joint system, the bonded Silicone Coated and Pre-Compressed Seal shall be installed in the curbs as shown on the plans and as recommended by the manufacturer.



EXISTING GRANITE CURB DETAIL
Scale: 3" = 1'-0"

GRANITE CURB REPAIR NOTES


1. Joint sealant shall be a material from the MaineDOT approved products list as approved by the Resident. Joint sealant shall be paid as Item 518.391, Repairing Granite Curb Joint and Bedding Mortar.

Filename: ...A37_Misc_Det_01.dgn

Scale: AS NOTED

| No. | Revision | By | Date |
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Designed by:



CONSULTANT PROJECT MANAGER: G. Edington

| | By | Date | Checked | By | Date |
|----------|-----|---------|--------------|-----|---------|
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

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500 Southborough Dr.
Suite 105B
South Portland, ME 04106
TEL (207) 889-3150
FAX (207) 253-5596



THE GOLD STAR MEMORIAL HIGHWAY

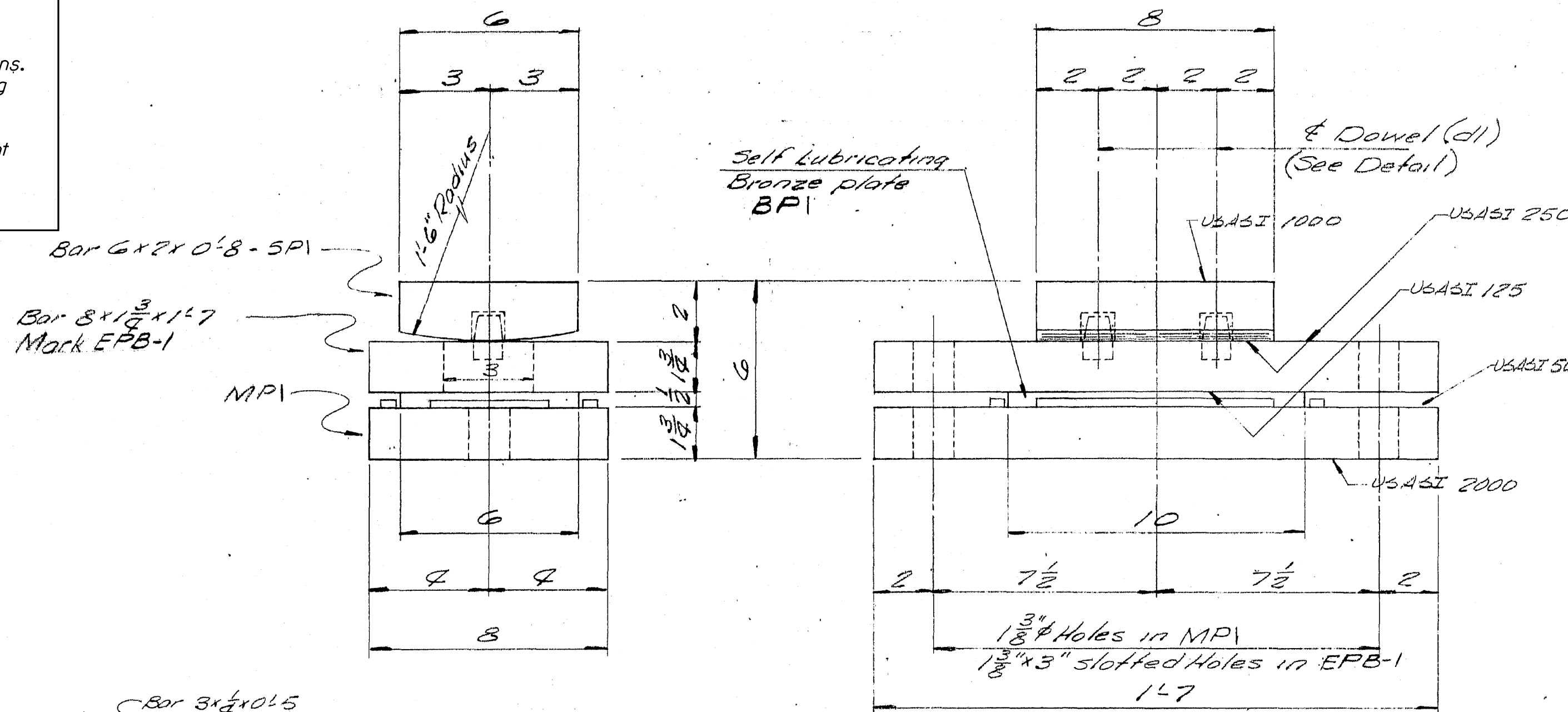
MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
MISCELLANEOUS DETAILS

VHB: 55345.00
SHEET NUMBER: A37
CONTRACT: 2024.01
37 OF A40

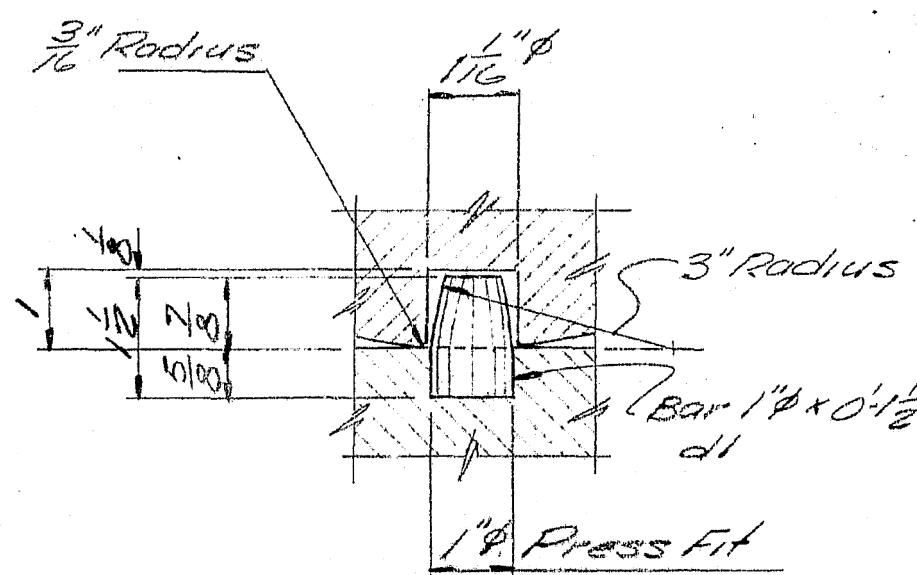
NOTE:

1. These details are from the 1970 existing Spruce Creek Bridge plans. These details are provided for reference for replacement of existing bearings noted on the General Plan and Elevation Sheet. The Contractor shall field verify all relevant dimensions and modify as necessary prior to submitting bearing shop drawings. All replacement bearings shall be coated in accordance with Special Provision 523.

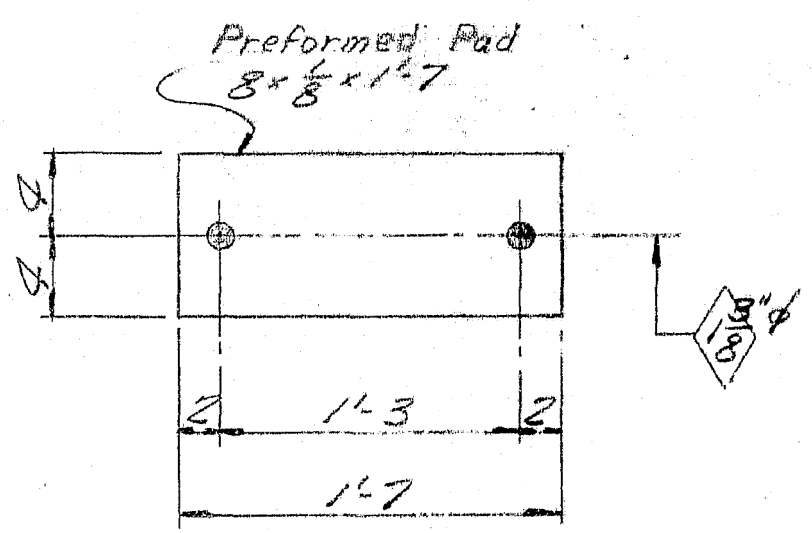


EXPANSION PEDESTAL ASSEMBLY

EPB-1 8 REQ'D.

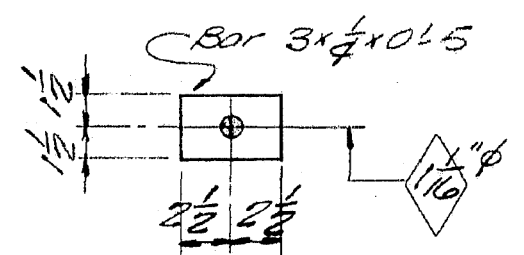


DOWEL DETAIL



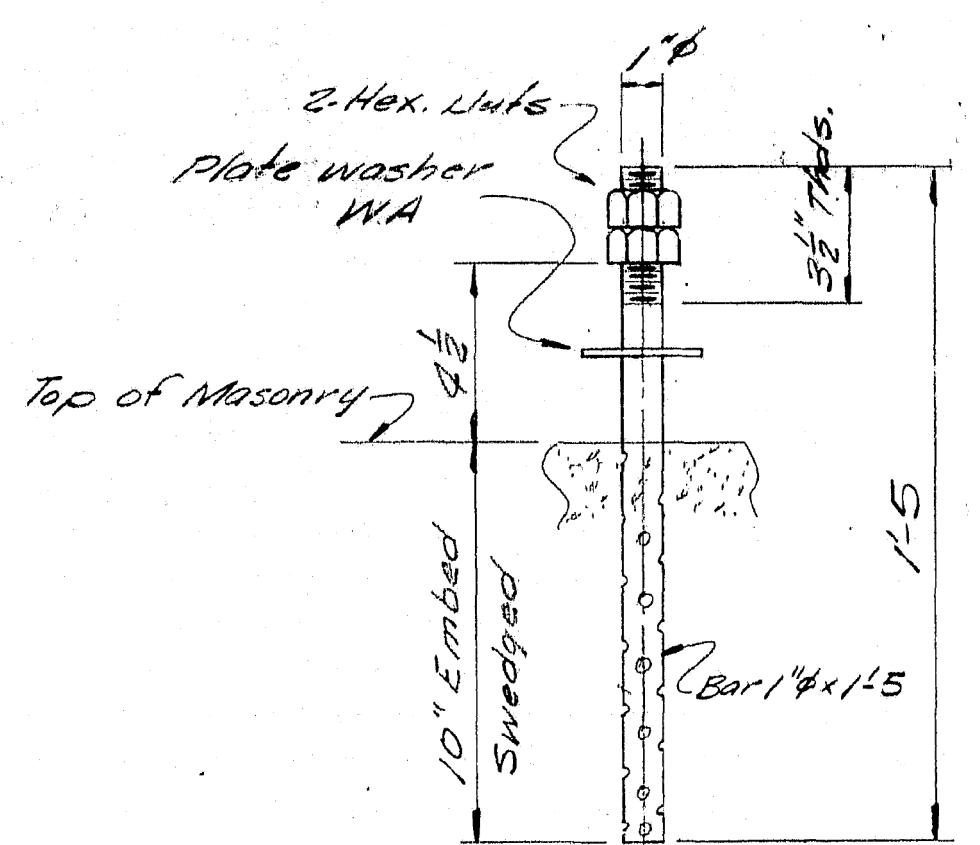
PREFORMED PAD

FP1 - 8 REQ'D.



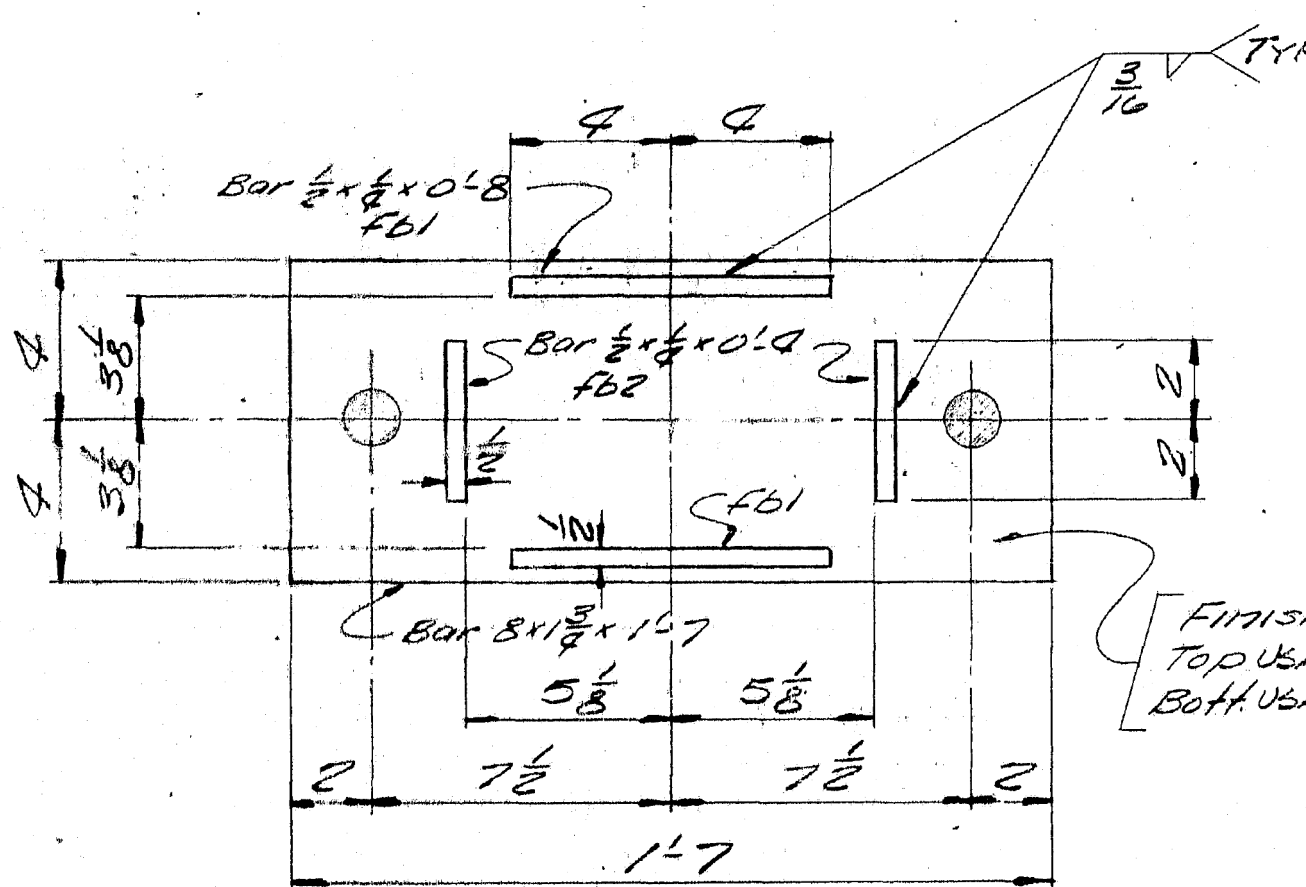
WA-DETAIL

16 REQ'D.



ANCHOR BOLT ABI

16 REQ'D.



MPI-DETAIL

8 REQ'D.

PAINT NOTE:

No paint on self lubricating bronze plate. SURFACES WITH USASI 250 FINISH TO RECEIVE TWO SHOP COATS OF RED LEAD (SPI & EPB1). BOTTOM SURFACE OF EXP. PLATE EPB1 FOR 4\"/>

No paint on top surface and 1\"/>

No paint on Anchor bolts - all those TOP SURFACE OF MASONRY PLATE MPI TO RECEIVE 3 COATS OF PAINT EXCEPT FOR AREA ENCLOSED BY BARS FB2 WHICH SHALL BE COATED WITH WHITE LEAD & TALLOW.

| SHIP | | BILL OF MATERIAL | | | | JOB NO. 70-440 | DWG. NO. B1 |
|--|-----|------------------|-------------|--------|-----|----------------|---|
| MARK | NO. | MARK | SHAPE | LENGTH | WT. | REMARKS | |
| EPB-1 | 8 | | Bar 8x1 3/4 | 1.7 | | | |
| MPI | 8 | | Bar 8x1 3/4 | 1.7 | | | |
| SP1 | 8 | | Bar 6x2 | 0.8 | | | |
| BPI | 8 | | 10 6x 1/2 | 0.10 | | | Self Lubricating Bronze plate Reg. No. 3991 |
| | 16 | d1 | Bar 1\"/> | | | | |
| | 16 | FB1 | Bar 3/8\"/> | | | | |
| | 16 | FB2 | Bar 3/8\"/> | | | | |
| ABI | 16 | | Bar 1\"/> | | | | |
| | 32 | shop | 1\"/> | | | | |
| WA | 16 | | Bar 3x 3/4 | 0.5 | | | plate washer |
| FP1 | 8 | | Pad 8x 3/8 | 1.7 | | | Preformed Pad Reg. No. 3990 |
| ITEM 504.703 | | | | | | | |
| PROJECT No. I-95-1(5) | | | | | | | |
| Sole plates "SP" to be field welded to stringers. | | | | | | | |
| Bearing material to be ASTM A36, Anchor bolts to be A36. All welds to be made with E7018 Electrodes. APPROVED 12-10-70 | | | | | | | |
| FIELD CONNECTIONS: WELDED | | | | | | | |
| HOLES: 1 3/8\"/> | | | | | | | |
| PAINT: Red lead per Maine S.H.C. spec, and as noted. BLAST CLEAN | | | | | | | |

| BEARING PEDESTAL DETAIL | |
|---|-------------------------------|
| 2 | 3-12-71 COST |
| 4 | 12-11-70 SHOP |
| 8 | 12-11-70 FAB. |
| 2 | 11-20-70 FA |
| Bancroft & Martin Inc. South Portland 7, Maine | |
| I 95 over SPRUCE CREEK KITTERY, MAINE | |
| CUSTOMER THOMAS DIGEL70 | |
| DESIGNER M.S.H.C. BRIDGE DIV. | |
| CHK | 11-20-70 HL |
| DRAWN | 10-22-70 DWL |
| REVISION | |
| REVISION | |
| REVISION | |
| ORDER NO. | JOB NO. 70-440 DWG. NO. B1 |

117-159 P. & M. REV.

Date: 11/3/2023

Filename: ...VA38_Bearing_Det_01.dgn

| No. | Revision | By | Date |
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| Designed by: | | | | | |
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
| | By | Date | By | Date | |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

VANASSE HANGEN BRUSTLIN, INC.
500 Southborough Dr.
Suite 105B
South Portland, ME 04106
TEL (207) 889-3150
FAX (207) 253-5596

**THE GOLD STAR
MEMORIAL HIGHWAY**

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
BEARING PEDESTAL DETAILS (1 OF 2)

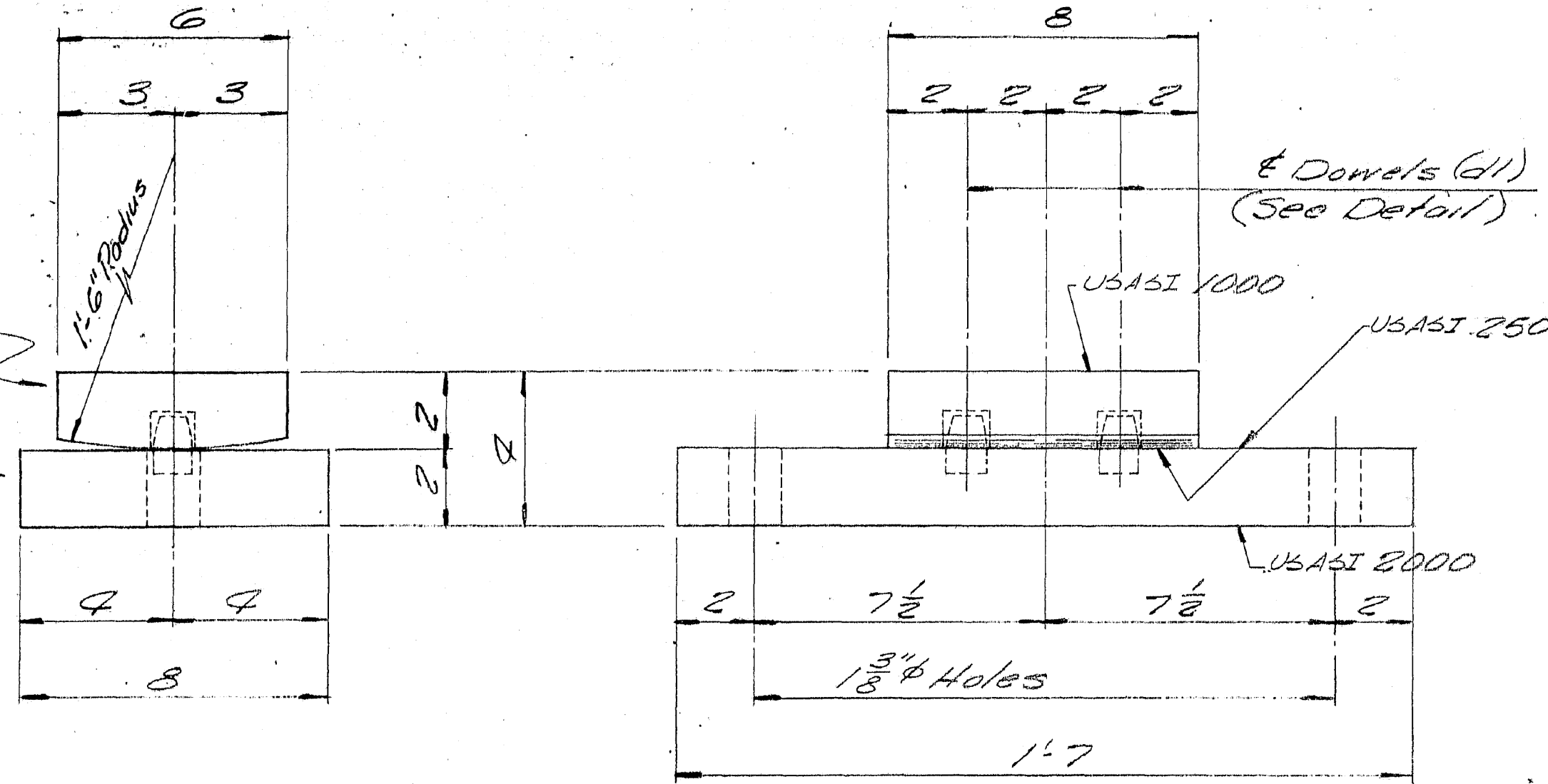
VHB: 55345.00 SHEET NUMBER: A38
CONTRACT: 2024.01 38 OF A40

NOTE:

1. These details are from the 1970 existing Spruce Creek Bridge plans. These details are provided for reference for replacement of existing bearings noted on the General Plan and Elevation Sheet. The Contractor shall field verify all relevant dimensions and modify as necessary prior to submitting bearing shop drawings. All replacement bearings shall be coated in accordance with Special Provision 523.

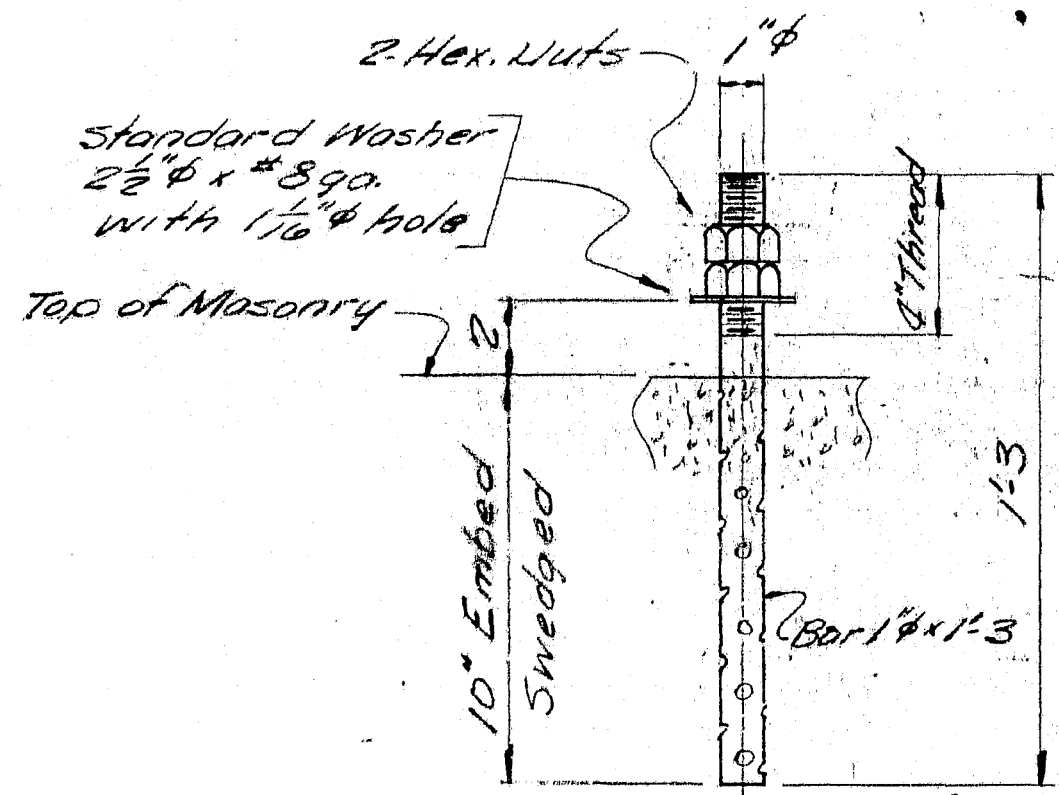
Bar 6x2x0'8
Mark FPB-1

Bar 8x2x1'7
MP2



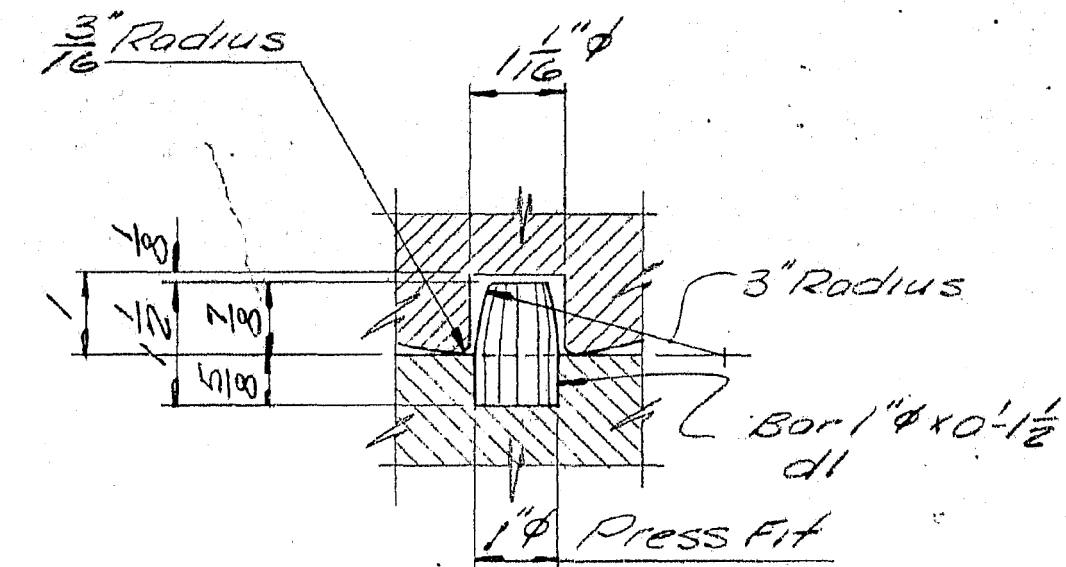
FIXED PEDESTAL ASSEMBLY

FPB-1 8 REQ'D.

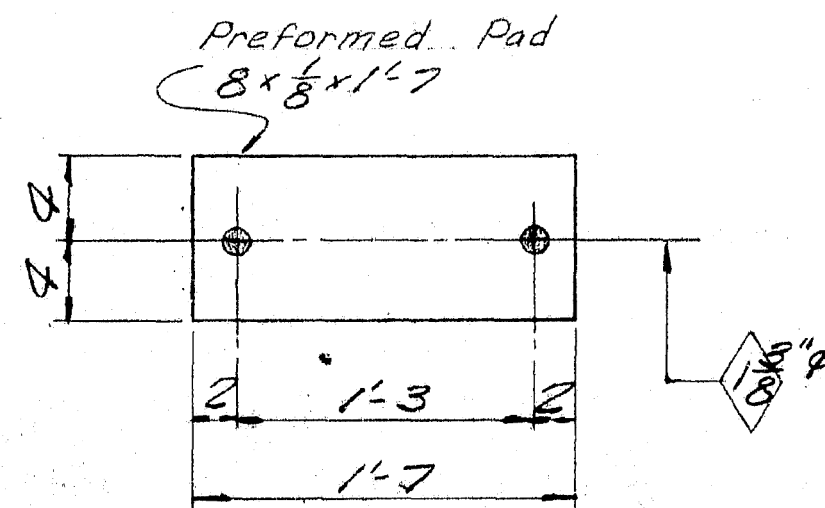


ANCHOR BOLT AB2

16 REQ'D.



DOWEL DETAIL



PREFORMED PAD

FP2 - 8 REQ'D.

PAINT NOTE:

No paint on top of sole plates and 1" down from top on sides, coat with boiled linseed oil.
No paint on anchor bolts - dl thds.
SURFACES WITH USASI 250 FINISH TO RECEIVE 2 COATS OF SHOP PAINT.

| SHIP | | BILL OF MATERIAL | | | | JOB NO 70-440 |
|-------|-----|------------------|-------------|---------|-----|--|
| MARK | NO. | MARK | SHAPE | LENGTH | WT. | DWG. NO. B2 |
| FPB-1 | 8 | | Bar 6x2 | 0'8 | | |
| MP2 | 8 | | Bar 8x2 | 1'7 | | |
| | 16 | dl | Bar 1" φ | 0'1 1/2 | | |
| AB2 | 16 | | Bar 1" φ | 1'3 | | swaged |
| | 32 | shop | 1" Hex. Nut | | | |
| Field | 16 | | 1" washer | | | Std. washer 2 1/2" O.D. x 8 ga. with 1 1/8" hole |
| FP2 | 8 | | Pad 8 x 1/2 | 1'7 | | Preformed Pad Reg. No. 70-440 |

ITEM 504.703
PROJECT No. I-95-1 (5)

Sole plates "SP" to be field welded to stringers.

Bearing material to be ASTM A36, Anchor bolts to be A36.
All welds to be made with E70 LH Electrodes
APPROVED 12-10-70 SHOP CONNECTIONS: Welded
FIELD CONNECTIONS:
HOLES: As noted
PAINT: Red lead per Maine S.H.C. spec, and as noted.
BLAST CLEAN

BEARING PEDESTAL DETAIL

Bancroft & Martin Inc.
South Portland 7, Maine

I 95 over SPRUCE CREEK
KITTERY, MAINE

CHK 11-20-70 HL

DRAWN 10-22-70 DWL

REVISION

REVISION

REVISION

CUSTOMER THOMAS DICENZO

DESIGNER M.S.H.C. BRIDGE DIV.

ORDER NO.

JOB NO. 70-440
DWG. NO. 32

117-160 Pa Mk. REV.

Date: 11/3/2023

Filename: ...A39_Bearing_Det_02.dgn

| No. | Revision | By | Date |
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| Designed by: | | | | | |
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
| | By | Date | By | Date | |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
| Drawn | BJM | 11/3/23 | In Charge of | TSB | 11/3/23 |

VANASSE HANGEN BRUSTLIN, INC.
500 Southborough Dr.
Suite 105B
South Portland, ME 04106
TEL (207) 889-3150
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MAINE TURNPIKE

THE GOLD STAR MEMORIAL HIGHWAY

MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

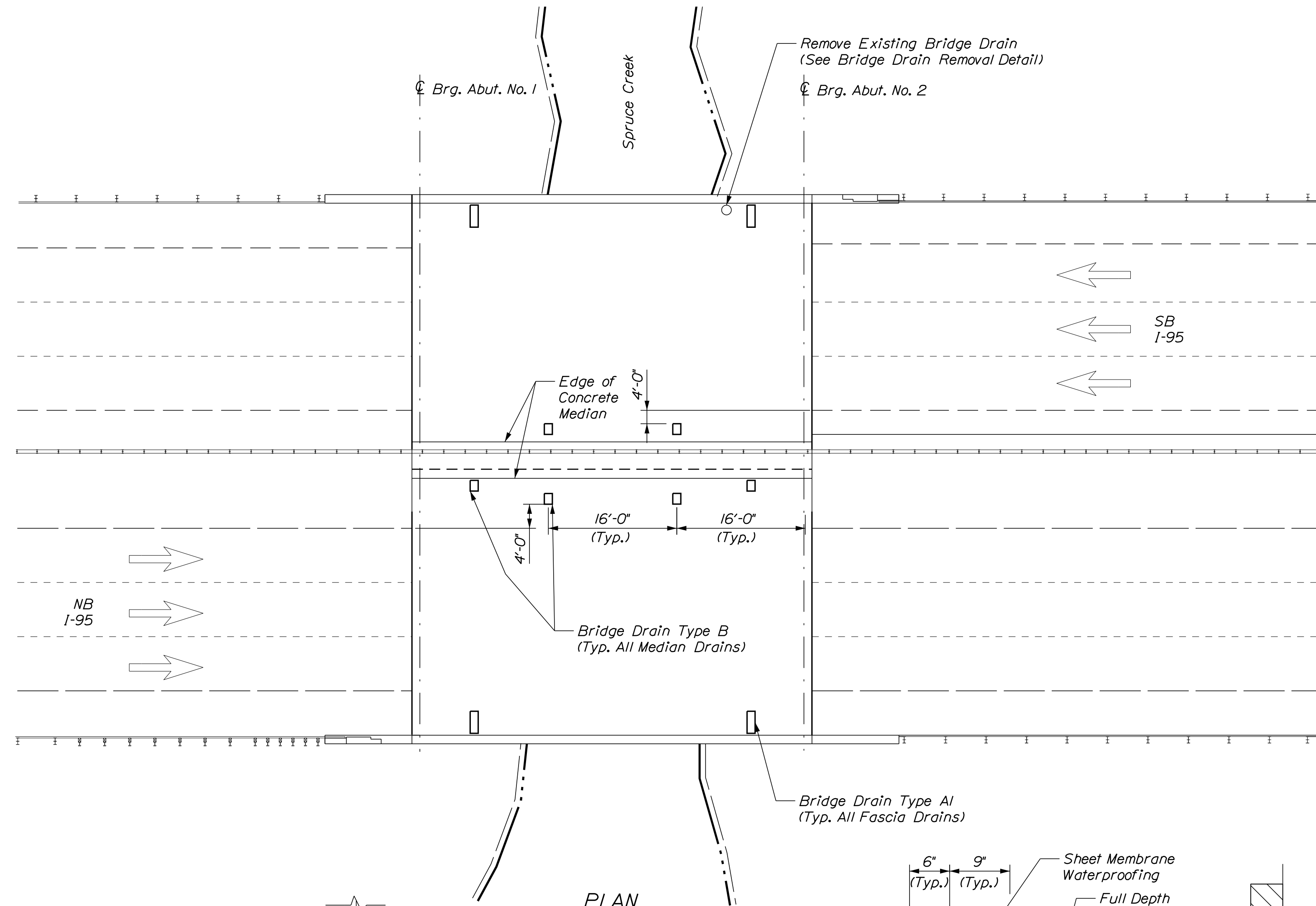
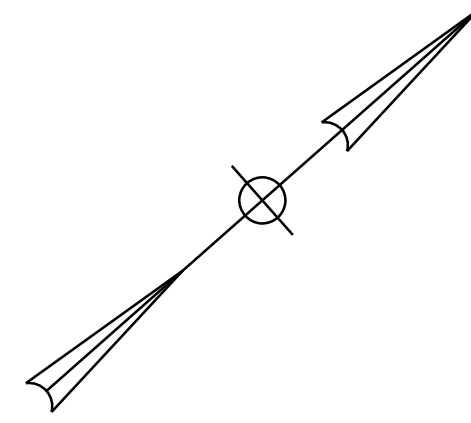
MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
BEARING PEDESTAL DETAILS (2 OF 2)

VHB: 55345.00
CONTRACT: 2024.01

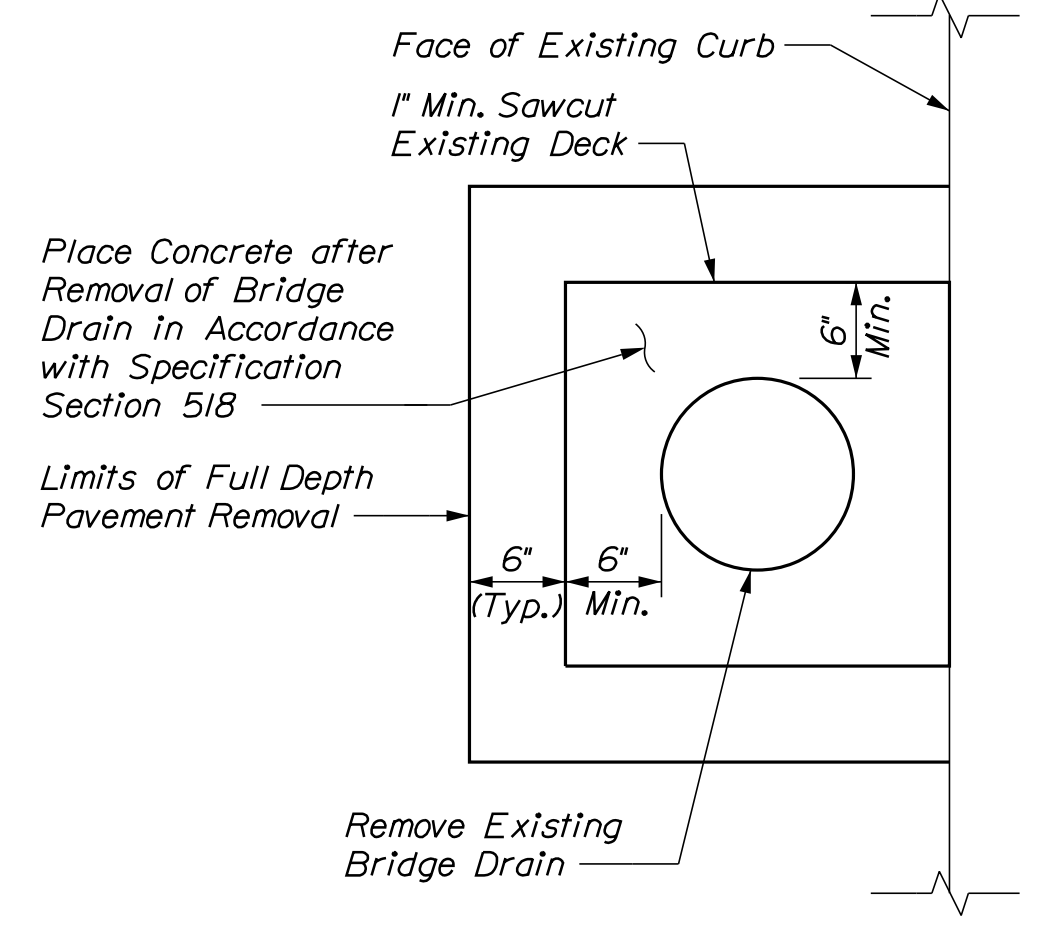
SHEET NUMBER: A39
39 OF A40

Date: 11/3/2023

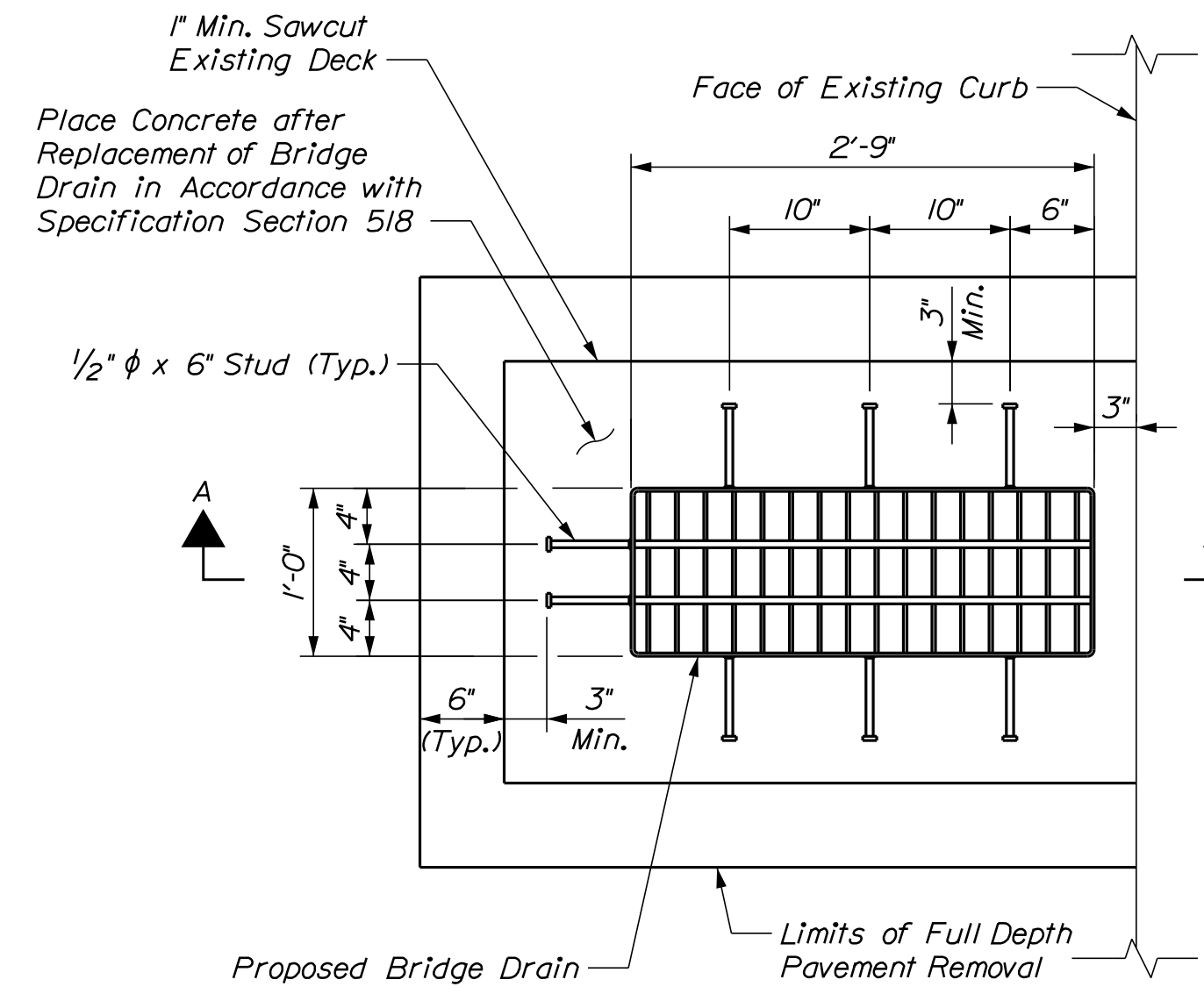
Filename: ...A40_Deck_Drain_01.dgn



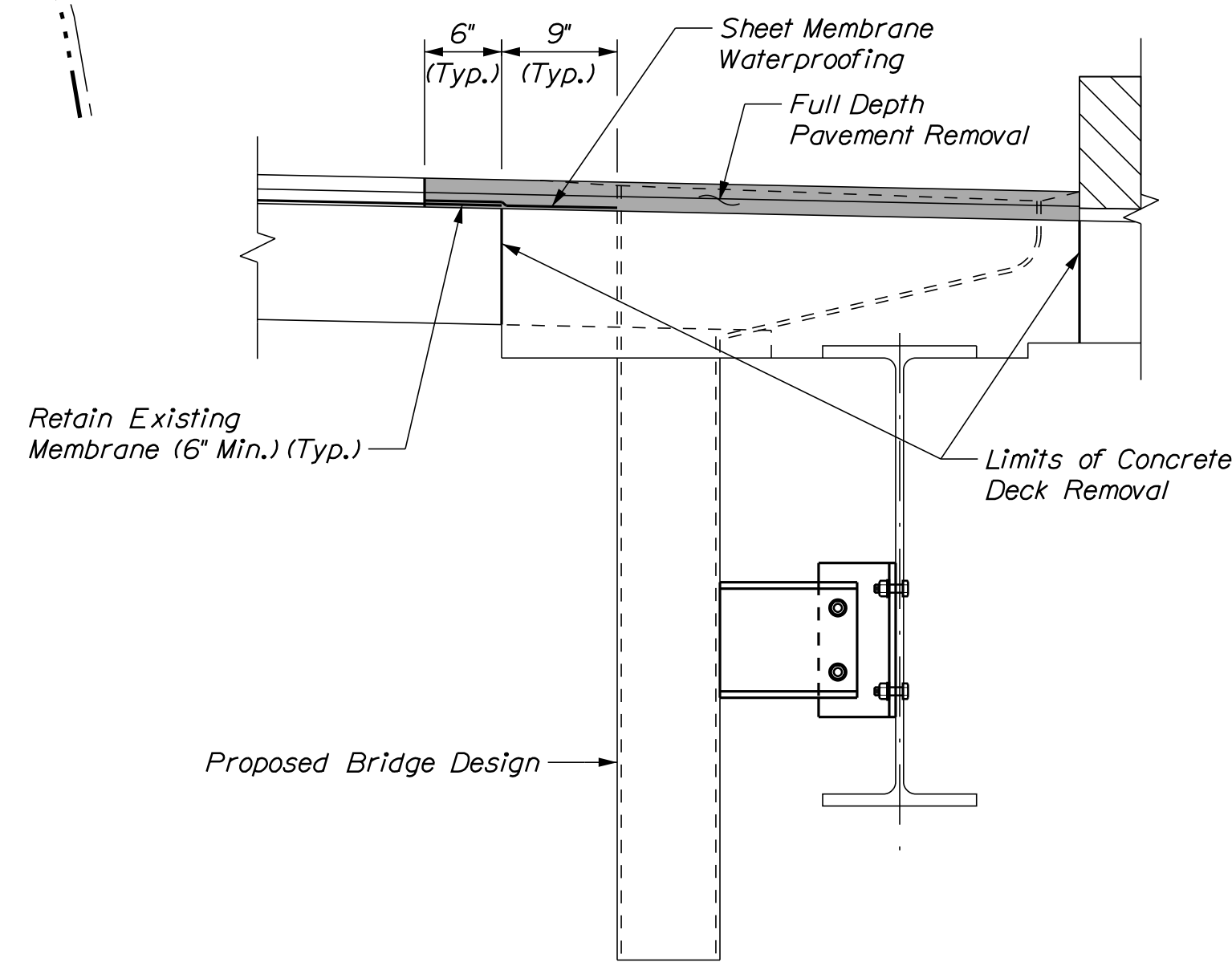
PLAN
Not to Scale



BRIDGE DRAIN REMOVAL DETAIL
(See Note 1)
(Reinforcing Steel not Shown for Clarity)
Scale: 1" = 1'-0"



PROPOSED BRIDGE DRAIN PLAN
(Type A1 shown, Type B Similar) (See Note 1)
(Reinforcing Steel not shown for Clarity)
Scale: 1" = 1'-0"



SECTION A-A
(Type A1 shown, Type B Similar)
Scale: 1" = 1'-0"

NOTES

1. Retain, clean and straighten all reinforcing steel within the limits of concrete deck removal. Reinforcing steel that directly conflicts with the proposed bridge drains shall be cut and bent as necessary to allow for proper installation of the proposed bridge drains. Reinforcing steel that conflicts with the proposed bridge drain shear studs shall be cut and bent as necessary. All reinforcing steel to remain shall be cleaned in accordance with Specification Section 518. Any reinforcing steel that is damaged shall be replaced in accordance with Specification Section 518.
2. At the locations of the bridge drain that is not being replaced, the Contractor shall place Sheet Waterproofing Membrane within the limits of the full depth pavement removal. At the locations of the bridge drains to be replaced, the Contractor shall place Sheet Waterproofing Membrane to the limits shown on this sheet. At all locations, the Sheet Waterproofing Membrane shall overlap the existing membrane 6" minimum. All Sheet Waterproofing Membrane shall be supplied and placed and accordance with Specification Section 508.
3. All labor, equipment, and materials necessary to complete this work shall be paid for under Item 502.702, Replace Bridge Drain (Type A1) or Item 502.703, Install or Replace Bridge Drain (Type B) as noted in the plans.

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| Scale: AS NOTED | | | |
| No. | Revision | By | Date |
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| Designed by: | | | | | |
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| CONSULTANT PROJECT MANAGER: G. Edington | | | | | |
| | By | Date | | By | Date |
| Designed | MEB | 11/3/23 | Checked | GME | 11/3/23 |
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**THE GOLD STAR
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MTA PROJECT MANAGER: RYAN BARNES, P.E., CPESC

MTA PROJECT NO. 2024.01
INTERSTATE 95 OVER SPRUCE CREEK
AT MM 2.20 IN YORK, ME
BRIDGE DRAIN DETAILS

VHB: 55345.00 SHEET NUMBER: A40
CONTRACT: 2024.01 **40 OF A40**