

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



MATERIALS

Concrete (Unless noted otherwise)..... Class "A"
Concrete (Curbs & Transition Barriers)..... Class "LP"
Concrete Wearing Surfaces..... Class "LP"
Reinforcing Steel..... ASTM A 615/A 615M, Grade 60
Structural Steel: All Material..... ASTM A 36/A 36M

BASIC DESIGN STRESSES

Concrete..... $f'c = 4,350 \text{ psi}$
Reinforcing Steel..... $fy = 60,000 \text{ psi}$

MAINTENANCE OF TRAFFIC

The Contractor shall coordinate all maintenance of traffic with the Highway
Work. See also phasing plans and special provisions 105, 107 and 652.

FALMOUTH TO S.PORTLAND
CUMBERLAND COUNTY
INTERSTATE 295 SOUTHBOUND
BRIDGE REHABILITATION
PROJECTS

IM-1779(300)E


PROJECT LENGTH 8.2 mi.
WEARING SURFACE REPLACEMENTS,
DECK REHABILITATIONS, JOINT MODIFICATIONS,
ENDPOST REPLACEMENTS, DRAIN AND
RAILING REPAIRS

BRIDGE NUMBERS:

1505, 5618, 5616, 5617,
0816, 6300, 6298, 6297,
6296, 6295, 6294, 6292,
6291, 6281, 6249, 1513,
3088, 6299

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STATE OF MAINE DEPARTMENT OF TRANSPORTATION		APPROVED  COMMISSIONER	DATE 4/5/10
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORTLAND CUMBERLAND COUNTY		TITLE SHEET	
SHEET NUMBER 1		OF 55	

ESTIMATED BRIDGE QUANTITIES																			
ITEM NO.	DESCRIPTION	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL	UNIT
		<i>Presumpscot River Br. No. #1505</i>	<i>Kensington Street Br. No. 5618</i>	<i>SLARR/CNRR Br. No. 5616</i>	<i>Sherwood Street Br. No. 5617</i>	<i>Washington Avenue Br. No. 0816</i>	<i>Franklin Arterial Br. No. 6300</i>	<i>Forest Avenue Br. No. 6298</i>	<i>St. John Street Br. No. 6297</i>	<i>PTRR - (St. John) Br. No. 6296</i>	<i>St. James Street Br. No. 6295</i>	<i>Congress St - Park Avenue Br. No. 6294</i>	<i>Portland Connector Br. No. 6292</i>	<i>PTRR (Fore River) Br. No. 6291</i>	<i>Fore River Br. No. 6281</i>	<i>Westbrook Street Br. No. 6249</i>	<i>8239E (State Route 703) Br. No. 1513</i>		
	202.202 REMOVING PAVEMENT SURFACE	985	300	875	245	0	735	670	600	620	575	1020	855	1110	2750	650	1050	13040	SY
	202.30 REMOVING EXISTING CONCRETE WEARING SURFACE (605 SY)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	LS
	502.29 STRUCTURAL CONCRETE WEARING SURFACE ON BRIDGE (38 CY)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	LS
	502.70 BRIDGE DRAIN - TYPE A	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	4	12	EA
	502.70 BRIDGE DRAIN - TYPE C	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	20	EA
	502.701 BRIDGE DRAIN GRATE MODIFICATION	20	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	24	EA
	507.0926 FURNISH ALUMINUM BRIDGE RAIL COMPONENTS	0.2	0	0	0	0	0.1	0	0	0.2	0	0.2	0	0.2	0.1	0	0	1	LS
	507.0927 ALUMINUM BRIDGE RAIL, 2 BAR POST REPLACEMENT	4	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	8	EA
	507.0928 ALUMINUM BRIDGE RAIL, RAIL SECTION REPLACEMENT	120	0	0	0	0	40	0	0	160	0	160	0	200	40	0	0	720	LF
	507.30 ALUMINUM BRIDGE RAIL SPLICE RETROFIT	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	EA
	508.14 HIGH PERFORMANCE WATERPROOFING MEMBRANE (13040 SY)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.15	0.05	0.1	1	LS
	515.21 PROTECTIVE COATING FOR CONCRETE SURFACES (1275 SY)	0.04	0.03	0.03	0.03	0.5	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.04	0.03	0.04	1	LS
*	518.39 REPAIRING GRANITE CURB BEDDING MORTAR	0	15	50	15	40	35	40	35	35	35	60	50	45	185	35	70	745	LF
*	518.50 REPAIR OF UPWARD FACING SURFACES - TO REINFORCING STEEL <7.9 IN.	570	85	930	105	170	210	190	170	180	170	590	120	640	1980	190	610	6910	SF
*	518.51 REPAIR OF UPWARD FACING SURFACES - BELOW REINFORCING STEEL <7.9 IN.	130	40	500	60	40	50	40	40	40	40	130	30	140	450	40	140	1910	SF
*	518.52 REPAIR OF UPWARD FACING SURFACES >7.9 IN.	1	1	3	1	1	1	1	1	1	1	1	1	1	2	1	1	19	CY
*	518.60 REPAIR OF VERTICAL SURFACES < 7.9 IN.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	160	SF
*	518.61 REPAIR OF VERTICAL SURFACES > 7.9 IN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	CY
	520.241 BRIDGE JOINT MODIFICATION TYPE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	EA
	520.242 BRIDGE JOINT MODIFICATION TYPE 2	0	0	2	0	0	2	2	1	1	1	2	2	2	0	0	0	15	EA
	520.243 BRIDGE JOINT MODIFICATION TYPE 3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	EA
	520.244 BRIDGE JOINT MODIFICATION TYPE 4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	EA
	520.245 BRIDGE JOINT MODIFICATION TYPE 5	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	EA
	520.246 BRIDGE JOINT MODIFICATION TYPE 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	EA
	520.247 BRIDGE JOINT MODIFICATION TYPE 7	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2	5	EA
	523.5304 STEEL BEARINGS, EXPANSION, ROCKER	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	EA
	524.301 TEMPORARY STRUCTURAL SUPPORT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	LS
	526.301 TEMPORARY CONCRETE BARRIER - TYPE 1(9000 LF)	0.05	0.07	0.07	0.07	0.06	0.02	0.02	0.06	0.06	0.06	0.08	0.07	0.02	0.17	0.06	0.06	1	LS
	526.34 PERMANENT CONCRETE TRANSITION BARRIER	4	1	0	1	2	4	4	2	0	2	4	4	4	4	4	4	44	EA
	527.34 WORK ZONE CRASH CUSHIONS	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	12	UN
	627.76 TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW (108,000 LF)	0.11	0.06	0.06	0.06	0.09	0	0	0.05	0.05	0.05	0.05	0.09	0	0.18	0.11	0.04	1	LS
	627.77 REMOVING EXISTING PAVEMENT MARKING	1750	650	650	650	1300	0	0	850	850	850	850	1250	0	1900	1500	1550	14600	SF
*	629.05 HAND LABOR, STRAIGHT TIME	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	180	HR
*	631.10 AIR COMPRESSOR (INCLUDING OPERATOR)	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	128	HR
*	631.11 AIR TOOL (INCLUDING OPERATOR)	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	128	HR
	645.306 FLEXIBLE REFLECTORIZED DELINEATOR	0	100	0	0	30	0	0	40	0	0	30	30	0	30	30	0	290	EA

* Undetermined Location
Notes:
1. Estimated Quantities for each bridge are provided here for reference purposes only.
2. 403, 429 and 652 pay items are included with the highway paving project, PIN #16787.00.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
IM-1779(300)E

BRIDGE NO. Varies

PIN 17793.00

BRIDGE PLANS

INTERSTATE 295 SOUTHBOUND
FALMOUTH TO S.PORTLAND
CUMBERLAND COUNTY

ESTIMATED BRIDGE QUANTITIES

SHEET NUMBER

2

OF 55

PROJ. MGR. CAH 03/10

CHECKED-REVIEWED DCE 03/10

DESIGN-DETAILED -

DESIGN-DETAILED -

DESIGN-DETAILED -

REVISIONS 1 -

REVISIONS 2 -

REVISIONS 3 -

REVISIONS 4 -

FIELD CHANGES -

DATE 03/10

BY DCE

SIGNATURE

P.E. NUMBER

DATE

GENERAL

1. Bidders and Contractors may obtain a copy of the existing bridge plans by faxing a request for information to the bid contact person. Existing bridge plans may also be accessed at the web address below. The plans are reproductions of the original drawings as prepared for the construction of the bridges. It is very unlikely that the plans will show any construction field changes or any alterations which may have been made to the bridge.
http://www.maine.gov/mdot/comprehensive-list-projects/project-information.php

2. All dimensions, angles and stationing shown on existing plans are taken from as-built construction drawings from 1952 through 1995, supplemented by limited field measurements and are not guaranteed to be correct. All existing bridge information shall be verified in the field by the Contractor prior to commencing any work.

3. Bidders and Contractors may obtain a copy of bridge deck evaluation report for the existing bridges by faxing a request for information to the bid contact person. The report contains visual inspection information and deck core data of the bridge. There is no assurance the information or data is a true representation of the actual conditions at the time of construction.

4. Contractor shall note that Maine DOT has other active projects in the area including Sign Truss Replacement Projects STP-1302(300)X and IM-1302(210)E. Existing I-295 overhead sign trusses located just north of the Sherwood Street Bridge and north and south of the Tukeys Bridge are scheduled for replacement in 2010 as well as existing sign trusses on State Route 703 and Forest Avenue near I-295. Contractor shall coordinate his work and traffic control with these and other contracts.

UTILITIES

1. Utilities in this contract are listed in Special Provision Section 104, Utilities.

2. All utility facilities shall be adjusted by the respective utilities unless otherwise noted.

3. The locations of the existing utilities, bridge wiring and monitoring instruments (i.e. Utilities and Special Equipment) shown on these plans are based on the best available information and are approximate. The Contractor shall verify the location of all existing utilities and special equipment prior to starting work. The Contractor shall protect existing utilities and special equipment during construction and shall provide temporary supports where required by his operations. Temporary supports shall be approved by the utility or special equipment owner prior to their installation and use. The cost of this work shall be considered incidental to the work required under Item 659.10 Mobilization.

4. The Contractor shall note that some bridges have PVC or galvanized electrical conduits embedded in the wing walls, deck curbs and decks. Prior to demolition of any component, or drilling and grouting into any component, the contractor shall field locate the conduit(s) and verify the work will not damage the conduit. The Contractor shall advise the Resident of all interferences prior to proceeding with the work. See the project as-builts for additional information. Any damaged conduits or wiring resulting from the contractors operations shall be repaired to the Resident's satisfaction at no cost to the Department.

BRIDGE RAILING

1. All aluminum bridge rail, rail posts, and associated hardware which are to be removed shall be carefully salvaged by the Contractor and will remain property of the Department. Contractor shall transport materials to the Maine DOT maintenance lot at Dunstan Corner in Scarborough. Contact is Ken Littlefield at 592-1861. Payment will be considered incidental to related Contract items.

2. The drawings show the approximate number of damaged bridge rail posts and damaged bridge rail sections that are to be replaced on this project. The actual quantity of bridge rail and post replacement shall be as directed by the Resident.

3. The Contractor shall furnish the quantity of bridge rail, posts and splice bars specified in the Contract to the Department. The Department shall provide the necessary bridge rail components to the Contractor to make the identified repairs. The components shall come from the Department's existing stockpiles initially, and from the materials supplied by the Contractor after the Department's stockpiles are depleted. All bridge rail post anchor bolts, anchor bolt anchoring materials, and splice rail modification bolts shall be furnished by the Contractor.

4. Bridge rail splices shall be modified on the I-295 over Presumpscot River Bridge and I-295 over Westbrook Street Bridge in accordance with the standard and supplemental details and as noted on the drawings. All splice rail modification bolts shall be furnished by the Contractor.

5. At the Resident's discretion, and based on available materials, damaged bridge rail sections may be replaced in either full length sections or in shorter rail sections. Bridge rail section replacement shall be completed such that all proposed and existing lengths of rail are attached to a minimum of two posts, and such that all rail splices are located two feet from a post.

6. Bridge rail posts that are relocated as part of the concrete transition barrier modifications, and bridge rail sections shortened or extended as part of the concrete transition barrier modifications, shall be considered incidental to the concrete transition barrier modification pay items. Components necessary to extend rails section or relocate bridge posts shall come from the Department's stockpiles located at the Maine DOT maintenance lot, Dunstan Corner in Scarborough. Contact Ken Littlefield at 592-1861. All bridge rail post anchor bolts, anchor bolt anchoring materials, and splice rail modification bolts shall be furnished by the Contractor.

7. Numerous bridges on this project have no existing concrete end post on the departure passing side of the bridge. Existing bridge rail extends across the median along the closure wall. Concrete transition barrier is proposed at these locations. Contractor shall remove the 1'-6" radius rail corner sections and cut or remove additional rail as necessary to complete the work, but removal shall not exceed 1'-0" beyond the proposed back of endpost unless directed by Resident. Coordinate work with Resident. Work considered incidental to item 526.34.

STRUCTURAL

1. Payment for removing existing concrete end posts will be considered incidental to related Contract items.

2. Reinforcing steel schedules will be the responsibility of the Contractor. Refer to Subsection 503.03 of the Standard Specifications for more information. Payment for all work associated with developing reinforcing steel schedules will be considered incidental to related Contract items.

3. Granite curb salvaged from the project site will be substituted for Terminal Curb Type 2 where available. Payment for reuse of granite curb or for Terminal Curb Type 2 will be considered incidental to Item No. 606.1721, Bridge Transition Type 1.

4. Protective coating for concrete surfaces shall be applied to the following areas of new concrete:

All exposed surfaces of concrete curbs,
Fascias down to the drip notch,
All exposed surfaces of Concrete Transition Barriers,
12 Inches below the top of backwalls on the back side.
Concrete wearing surfaces.

5. An NCHRP350 compliant impact attenuation system shall be installed concurrently with the placement of each run of concrete barrier.

6. Removal of existing bridge rail transition barriers and installation of new bridge rail transition barriers shall occur behind concrete barrier and NCHRP350 compliant impact attenuation systems.

7. Any damage to existing concrete or reinforcing steel resulting from the work performed, shall be repaired or replaced by a method approved by the Resident at no cost to the Department.

8. All reinforcing steel that is to be exposed and reused shall be cleaned by a method approved by the Resident. Payment shall be incidental to related contract items.

9. The integrity of existing approach pavement and subbase gravel shall be maintained during removal of backwall concrete. Payment for any repair or damages shall be incidental to related contract items.

10. Gland seal(s) or compression seal(s) shall be approved by the Resident prior to installation of joint armor.

11. All expansion joints shall be fabricated so the expansion joints construction joints align with the phasing plans. New seals shall be installed full length after all sections of the joint armor have been installed.

12. All existing materials which are removed from the work area shall be removed from the site and properly disposed of by the Contractor in a manner approved by the Resident. These existing materials include, but are not limited to, concrete, metal casing, reinforcing steel, silt and other debris on or attached to the structure within the work areas. The cost of removal and disposal shall be considered incidental to the cost of the work items for which these removals are required.

13. Contractor shall form a one inch V-groove on the fascias at the horizontal joint between the curb and slab.

14. Reinforcing steel shall have a 2 inch minimum cover unless otherwise noted.

15. Mortar for bedding and for joints in the granite curb shall contain an approved non-shrink additive.

16. For all drilling and anchoring, the anchor material chosen from the prequalified list shall be submitted to the Resident for approval.

17. The Contractor is advised none of the bridge decks are scheduled to be scarified. Only the existing pavement, membrane, and pavement shim (where applicable) is to be removed. See Section 202.031 of the Specifications for additional information.

18. If the depth of the deteriorated concrete is below the reinforcing steel then remove the concrete to a minimum depth of 1 inch below the bars.

19. Anchor rods shall be ASTM F1554, Grade 55.

20. Where railing posts are required to be relocated new anchor rods conforming to ASTM F1554 Grade 50 shall be furnished and drilled and anchored into the existing curb. The depth of embedment shall be sufficient to develop an ultimate tension capacity of 33 kips per anchor rod. Payment for bridge rail post relocation and associated materials, equipment, labor and incidentals necessary to complete the work will be considered incidental to Item 526.34, Permanent Concrete Transition Barrier.

21. All transverse reinforcing steel in the deck and backwall shall run continuously along the full width of the bridge. Payment for lap splices and threaded couplers will not be paid for directly, but shall be considered incidental to the related contract items.

22. The reinforcing steel and anchor rod anchoring material shall be selected from Maine DOT's qualified products list or an approved equal. The contractor shall submit the proposed system to the resident for approval. The selected anchoring material shall be installed in strict accordance with the selected manufacturer's recommendations. Reinforcing steel and anchor rods, drilled and anchored into existing concrete, shall be embedded to develop 125% of the yield strength of the bar.

23. All proposed anchor rods shall be hot dip galvanized.

CONCRETE WEARING SURFACE

1. The Contractor will be required to hold pre-placement meetings for the concrete wearing surface one week prior to each placement.

2. Top of concrete wearing surface elevations shall be established by the Contractor at centerline and gutter at 10 foot intervals based on centerline finish grade profile. Elevations shall be provided to the Resident one week prior to setting top of concrete wearing surface grades.

3. A steel tine finish shall be applied to the concrete wearing surface.

4. The Contractor shall provide a minimum 7 day wet cure for the concrete wearing surface. After 7 days of wet cure, the Contractor shall allow normal live load traffic, provided that the concrete has reached 80% of design strength. The Contractor shall make concrete test specimens and cure with the concrete wearing surfaces. The Contractor shall submit compressive strength test results to the Resident prior to allowing live loads on the bridge.

5. The existing latex modified concrete wearing surface on I-295 over Washington Street may not be a consistent 1/4" depth over the entire surface due to a discrepancy in the as-constructed joint elevations. The Contractor shall pothole the existing concrete deck in multiple places prior to removing the wearing surface to determine the actual latex modified wearing surface depths and ensure the structural concrete deck is not damaged during the wearing surface removal. The joint elevation discrepancy will be addressed as part of this contract, and the proposed wearing surface thickness will be varied as required to develop the deck cross slope shown on the original design plans.

CONSTRUCTION PHASING

1. All traffic control shall be in accordance with the Manual for Uniform Traffic Control Devices for Streets and Highways, USDOT, FHWA, Latest Edition

2. Contractor shall submit traffic control plans for all bridges/work zones in accordance with the Special Provisions 105, 107 & 652 and the Manual of Uniform Traffic Control Devices, latest edition.

3. The construction phasing for the bridge work has been separated into 11 work zones as follows:

- a. I-295 Over Presumpscot River
- b. I-295 Over Kensington Street, CNRR, Sherwood Street
- c. I-295 Over Washington Ave.
- d. I-295 Over Franklin Arterial
- e. I-295 Over Forest Avenue
- f. I-295 Over St John Street, PTRR (St John), St James Street, and Congress Street/Park Avenue
- g. I-295 Over Portland Connector
- h. I-295 Over PTRR (Fore River)
- i. I-295 Over Fore River
- j. I-295 Over Westbrook Street
- k. I-295 Over State Route 703

Contractor shall plan the work accordingly. Any proposed modifications to the work zones (grouping of bridges) or phasing of work shall be submitted to the Resident for review and approval.

4. Construction phasing plans represent bridge phasing work only. Required maintenance of traffic is not shown and shall be designed by the Contractor in accordance with Special Provision 652.

5. Contractor shall note work zone time restrictions exist for all work zones. See Special Provisions 105 and 107 for specific work zone time restrictions and limitations of operations.

6. Contractor shall provide two 11 foot travel lanes and two 1 foot shoulders in all work zones, unless otherwise noted on the Plans or in the Specifications. Contractor shall provide one 11 foot travel lane minimum and two 1 foot shoulders in all work zones when permitted to reduce traffic to one travel lane.

7. All lanes in long term lane closures and work zones shall be delineated with temporary paint lines or temporary raised pavement markings. Temporary paint lines will not be permitted on the surface course of new pavement. Temporary raised pavement markings shall only be used when approved by the Resident.

8. Excessively wide lane widths may cause driver confusion. Contractor shall avoid lane widths in excess of 15'-0" unless approved by the Resident.

9. Contractor shall install longitudinal pavement joints at crown lines or lane lines as noted on the Plans.

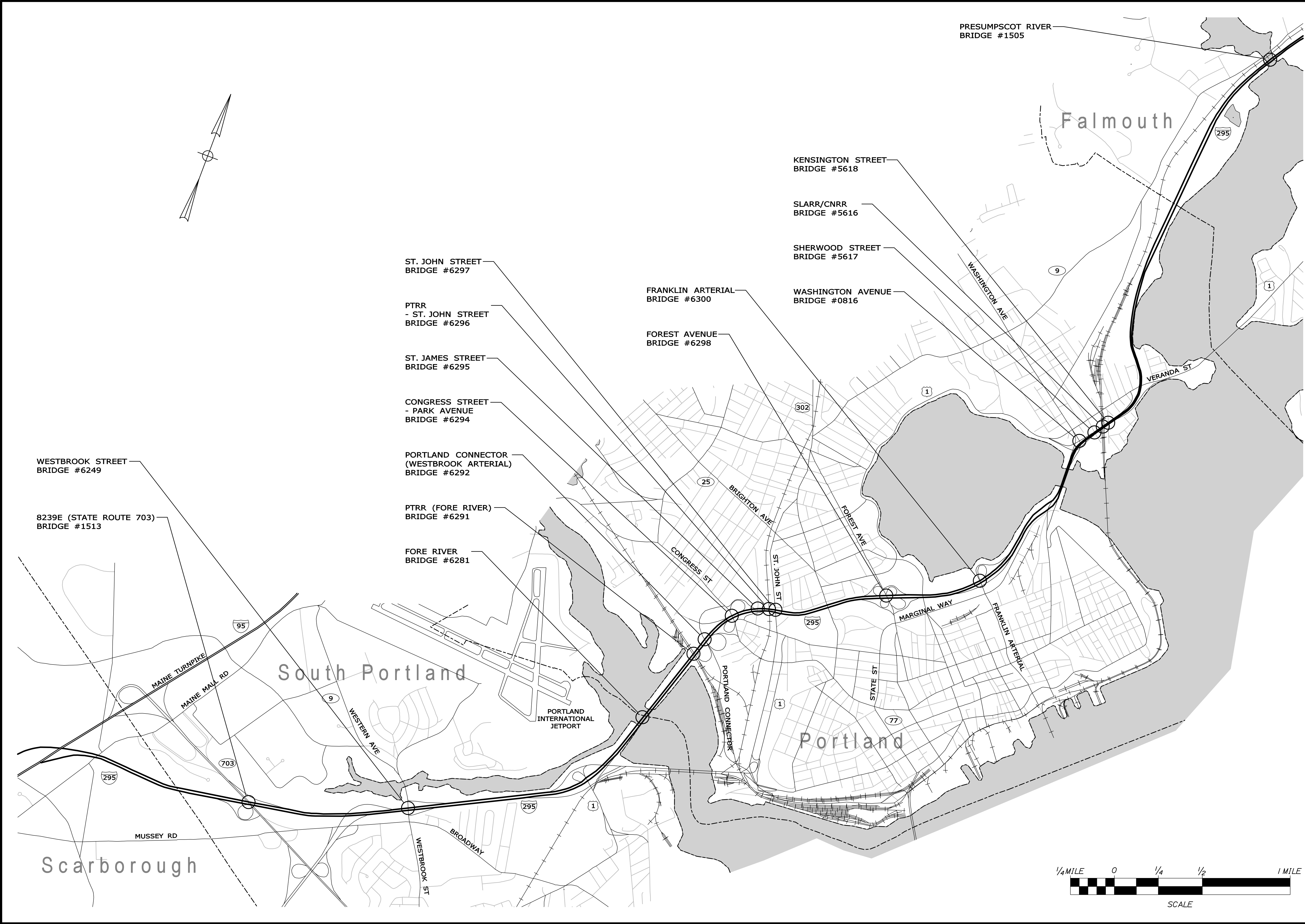
10. Placement of the high performance membrane shall be in accordance with standard specifications and manufacturers published recommendations. Contractor shall submit proposed membrane overlap details at the longitudinal joints to the Resident for review and approval. Details shall include proposed methodology for bond breaker for the overlaps between construction phases as well as procedures for infilling and removal of bituminous material without damage to the membrane.

11. Single sided bolt down barrier will be required for the Fore River Bridge repair work. Single sided barrier shall be furnished and paid for under 526.301, Temporary Concrete Barrier Type 1. Anchorage of the bridge barrier shall be achieved through the use of removable anchorages. Once the barrier is removed the contractor shall remove the anchorages, pack the holes in the deck with mortar, apply hot rubber sealant to the top of the mortar, and pack the hole in the pavement with hot mix asphalt. Payment for this work shall be considered incidental to the Temporary Concrete Barrier pay item.

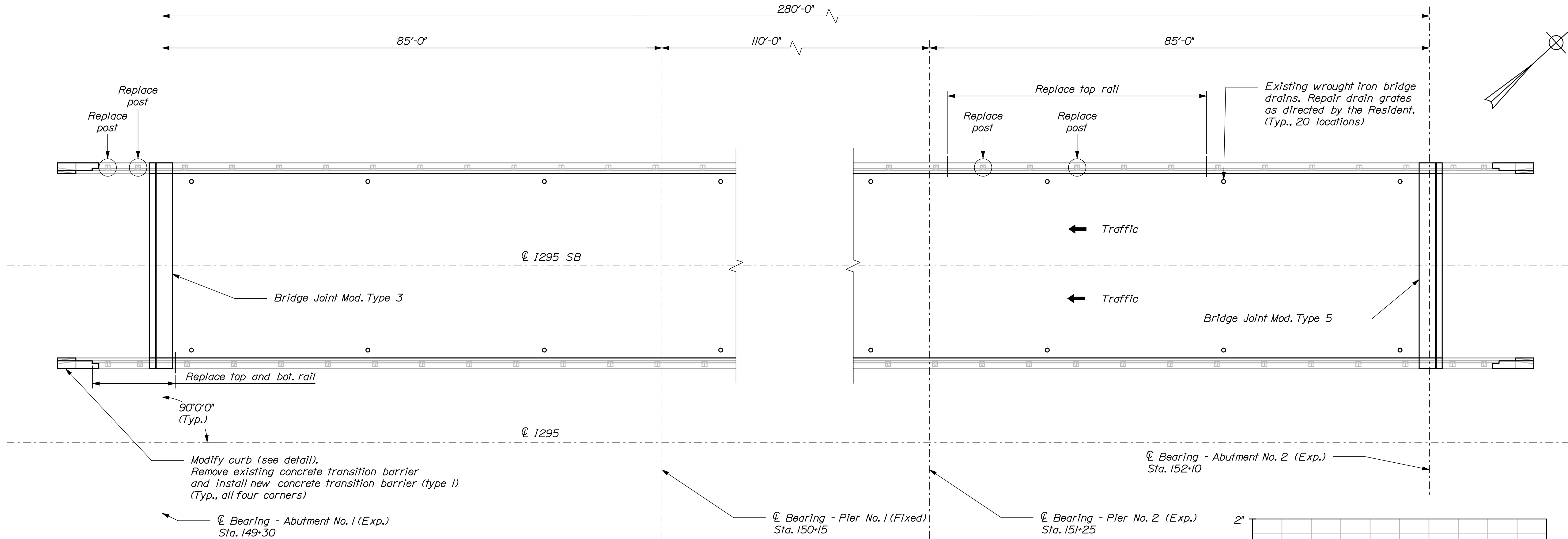
12. Design of bolted temporary bridge barrier is the responsibility of the Contractor where applicable.

13. Contractor is responsible for all maintenance of traffic required for all work including ramp closures as shown on the plans.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	IM-1779(300)E	PIN 17793.00	BRIDGE NO. Varies	BRIDGE PLANS
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORTLAND CUMBERLAND COUNTY GENERAL NOTES				
SHEET NUMBER 3 OF 55				

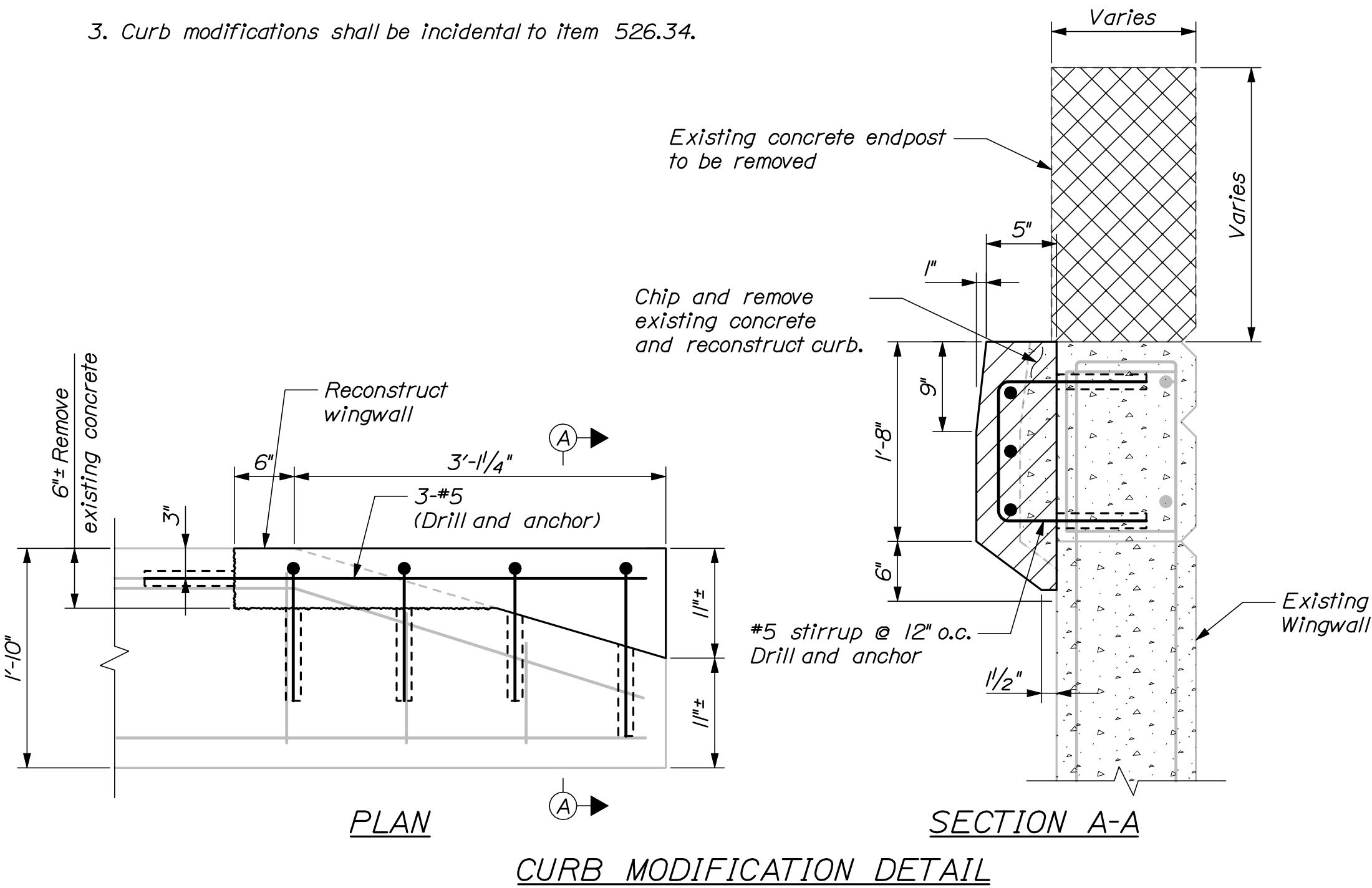


STATE OF MAINE DEPARTMENT OF TRANSPORTATION		IM-1779(300)E		BRIDGE NO. Varies PIN 17793.00 BRIDGE PLANS	
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORTLAND CUMBERLAND COUNTY		LOCATION MAP			
SHEET NUMBER		4			
		OF 55			
PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	DATE
CAH	DCE	MPC	03/10	DCE	03/10
DESIGN-DETAILED	DESIGN-DETAILED	DESIGN-DETAILED	DESIGN-DETAILED	DESIGN-DETAILED	DESIGN-DETAILED
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	REVISIONS 5	REVISIONS 6
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES	FIELD CHANGES
SIGNATURE		P.E. NUMBER			
DATE		DATE			

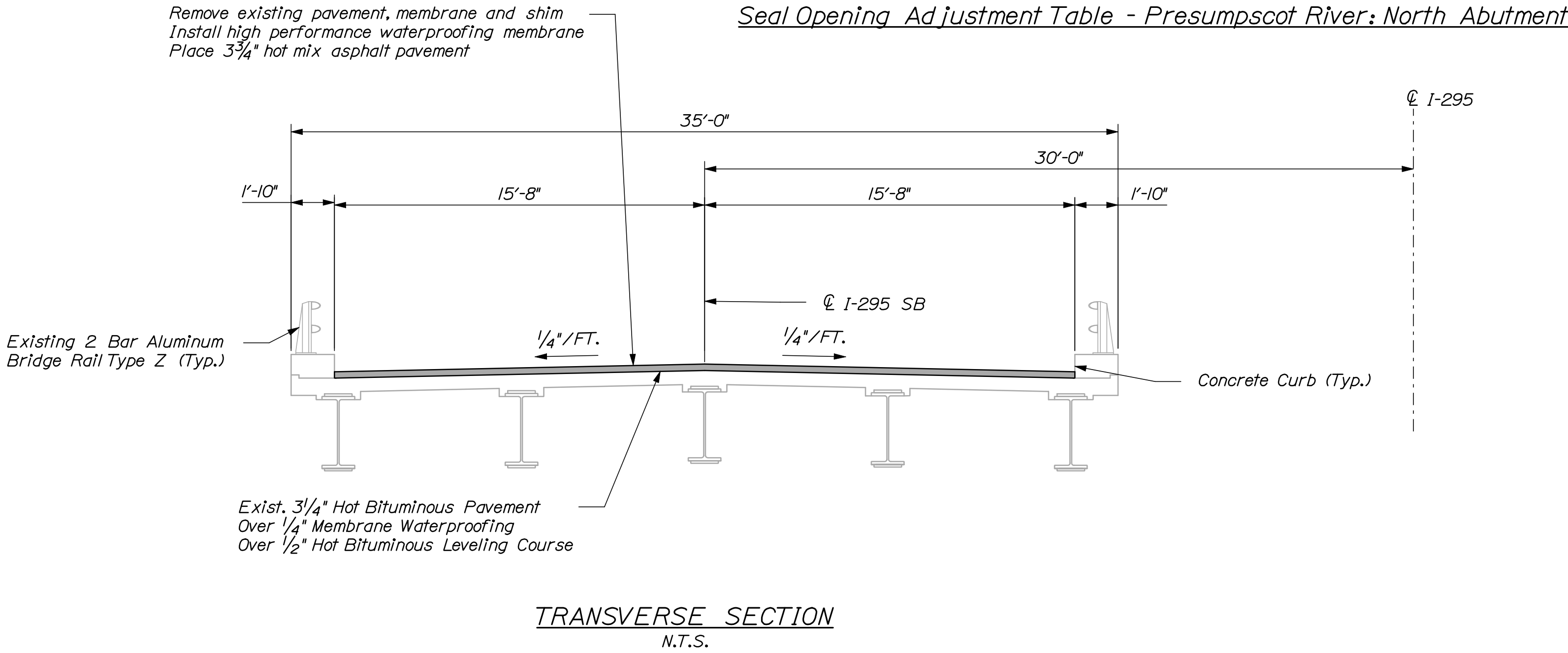
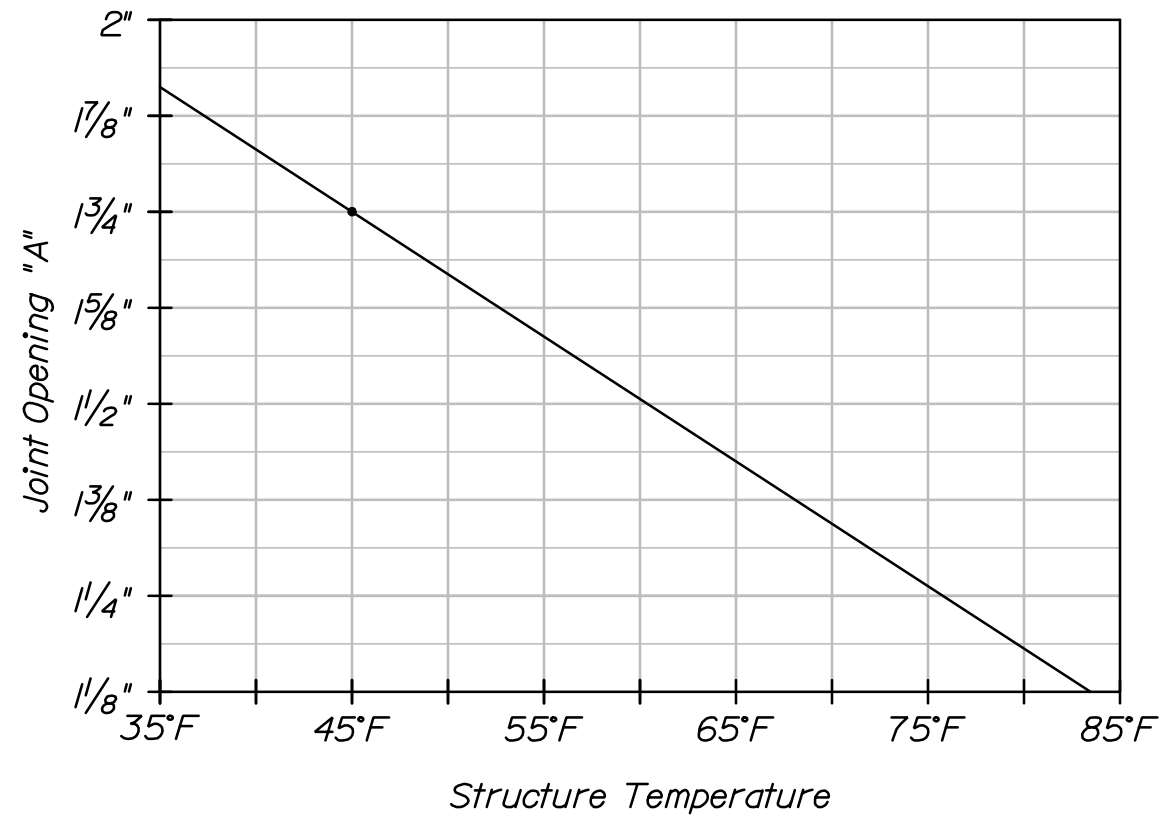


NOTES:

1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
2. Contractor shall replace existing abutment bearings as shown on these plans and specifications prior to completing any joint modifications. See Bearing Details sheet for bearing details and notes.
3. Curb modifications shall be incidental to item 526.34.



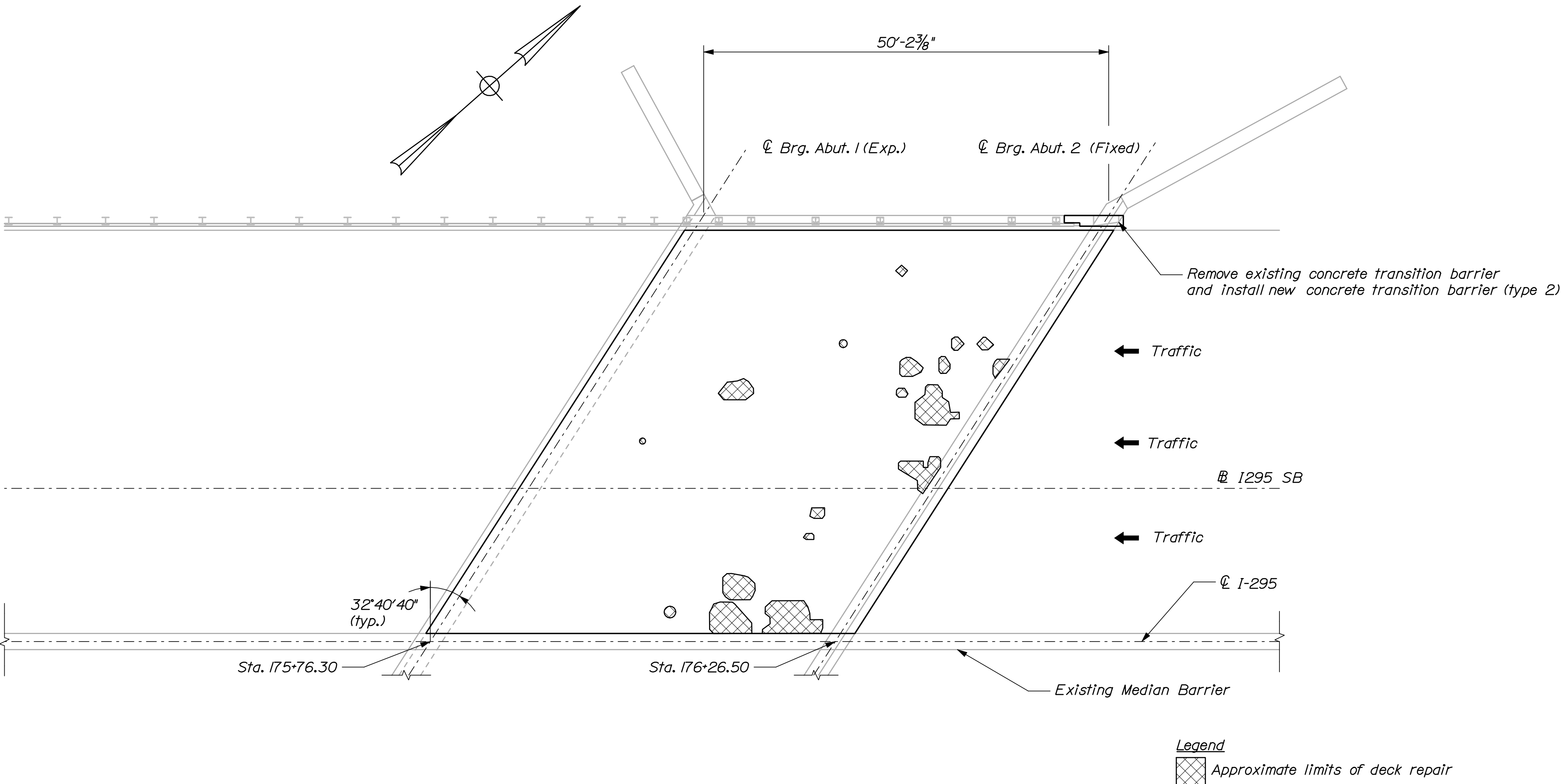
INTERSTATE 295 SOUTHBOUND OVER PRESUMPCOT RIVER
Falmouth ~ Bridge No. 1505
N.T.S.



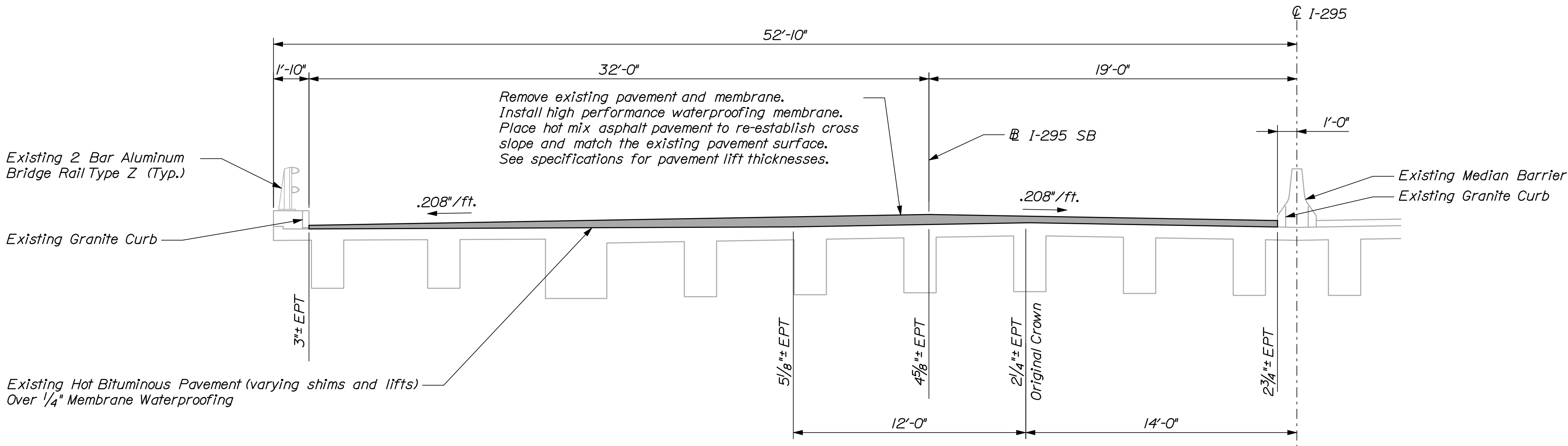
INTERSTATE 295 SOUTHBOUND PRESUMPCOT RIVER FALMOUTH CUMBERLAND COUNTY		PROJ. MANAGER		DOE	BY	DATE
PLAN AND TRANS. SECTION		DESIGN-DETAILED	CAH		RWH	03/10
		CHECKED-REVIEWED	TRC			03/10
		DESIGN2-DETAILED2				
		DESIGN3-DETAILED3				
		REVISIONS 1				
		REVISIONS 2				
		REVISIONS 3				
		REVISIONS 4				
		FIELD CHANGES				

NOTES:

1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Approximate locations for deck repairs are shown on the plan. Exact locations may vary and shall be determined in the field. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
3. Install composite pavement interlayer per detail shown on sheet 23 at Abutments 1 and 2.



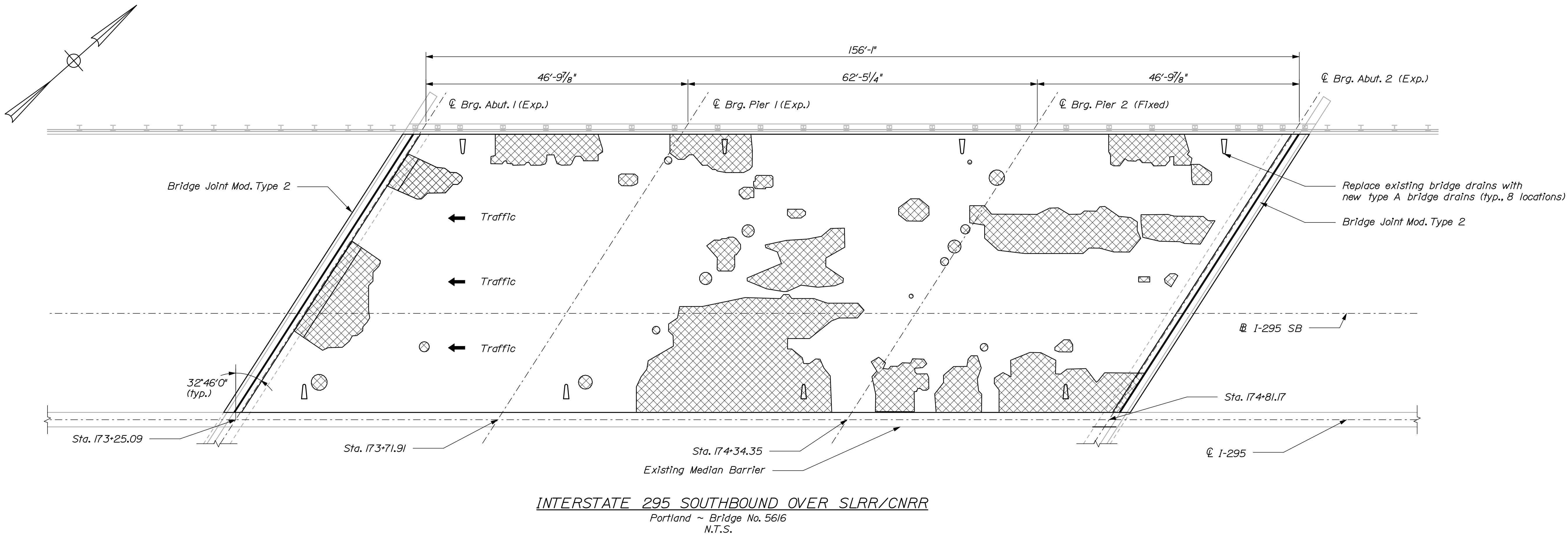
INTERSTATE 295 SOUTHBOUND OVER KENSINGTON STREET
Portland ~ Bridge No. 5618
N.T.S.



EPT = Existing Pavement Thickness
(From as-builts)

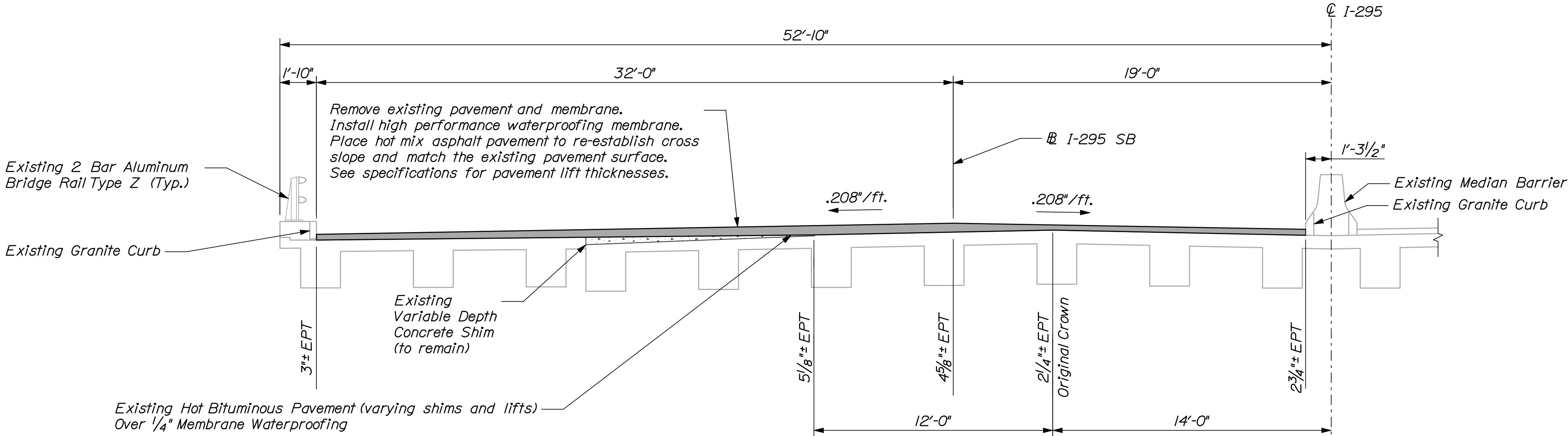
HALF TRANSVERSE SECTION
N.T.S.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E	BRIDGE NO. 5618		PIN 17793.00		BRIDGE PLANS	
	PROJECT NO.		PROJECT NAME		PROJECT LOCATION	
	PROJECT NO.		PROJECT NAME		PROJECT LOCATION	
INTERSTATE 295 SOUTHBOUND KENSINGTON STREET PORTLAND CUMBERLAND COUNTY	PROJ. MANAGER	DATE	BY	DOE	SIGNATURE	P.E. NUMBER
	DESIGN-DETAILED	03/10	RWH	CAH	03/10	
	CHECKED-REVIEWED			TRC		
	DESIGN-DETAILED					
PLAN AND TRANS. SECTION	REVISIONS 1					
	REVISIONS 2					
	REVISIONS 3					
	REVISIONS 4					
SHEET NUMBER		DATE		FIELD CHANGES		
6						
OF 55						



INTERSTATE 295 SOUTHBOUND OVER SLRR/CNRR
Portland ~ Bridge No. 5616
N.T.S.

Legend
Approximate limits of deck repair



HALF TRANSVERSE SECTION
N.T.S.

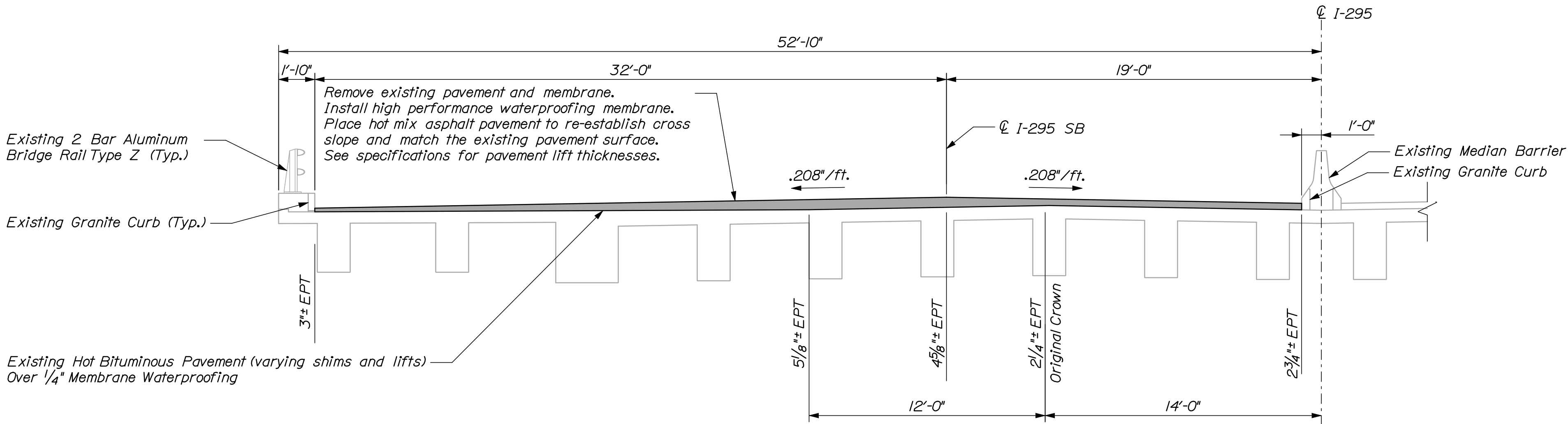
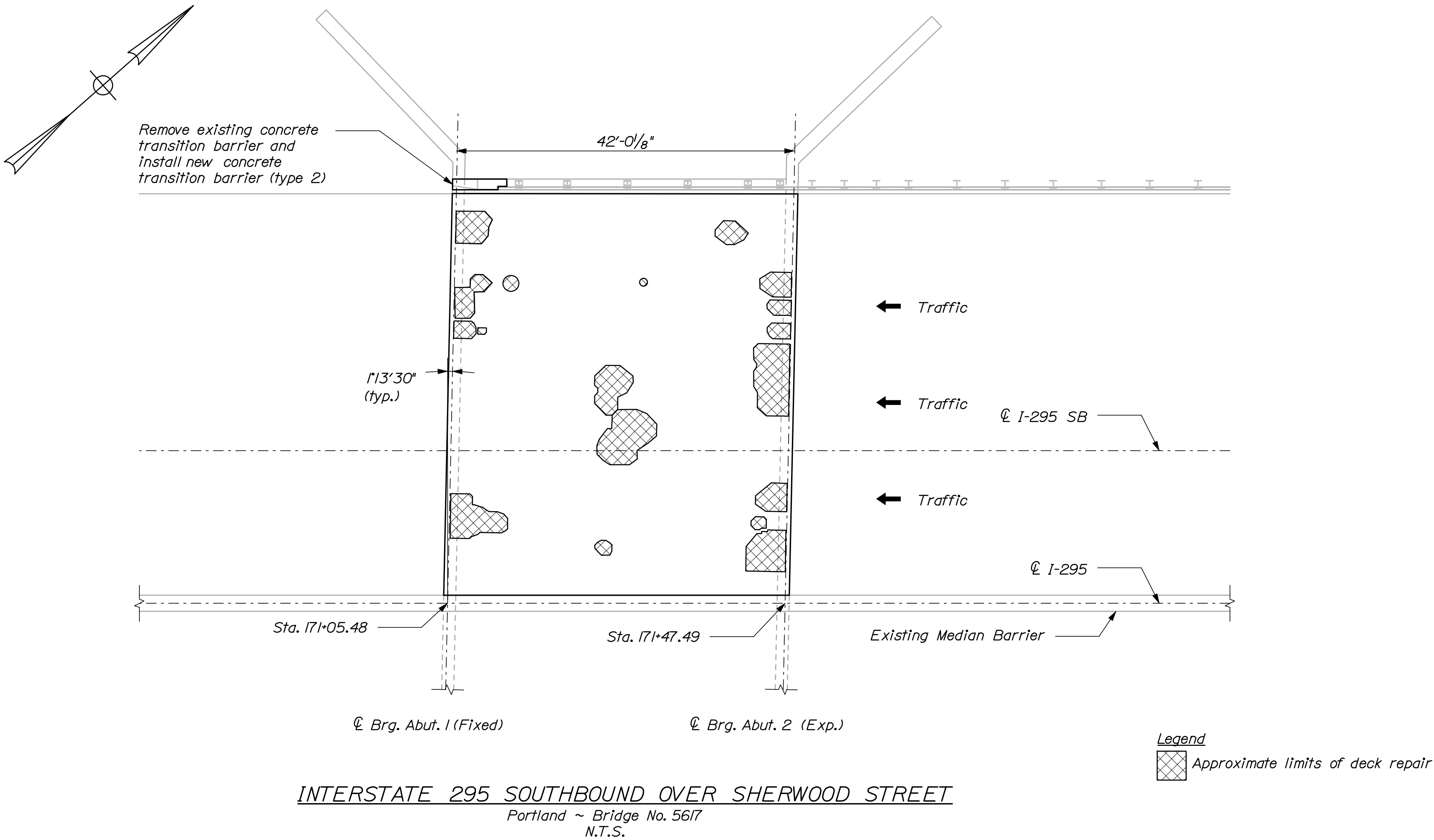
EPT = Existing Pavement Thickness
(From as-builts)

- NOTES:**
- Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Approximate locations for deck repairs are shown on the plan. Exact locations may vary and shall be determined in the field. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
 - Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)

STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E	BRIDGE PLANS	
	PIN	17793.00
	BRIDGE NO. 5616	
INTERSTATE 295 SOUTHBOUND SLRR AND CNRR PORTLAND CUMBERLAND COUNTY PLAN AND TRANS. SECTION	PROJ. MANAGER	DATE
	DESIGN-DETAILED	03/10
	CHECKED-REVIEWED	03/10
	DESIGN-DETAILED	
	DESIGN-DETAILED	
SHEET NUMBER 2 OF 55	REVISIONS 1	SIGNATURE
	REVISIONS 2	P.E. NUMBER
	REVISIONS 3	DATE
	REVISIONS 4	
	FIELD CHANGES	

NOTES:

1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Approximate locations for deck repairs are shown on the plan. Exact locations may vary and shall be determined in the field. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
3. Install composite pavement interlayer per detail shown on sheet 23 at Abutments 1 and 2.



EPT = Existing Pavement Thickness
(From as-builts)

HALF TRANSVERSE SECTION

N.T.S.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E		PROJ. MANAGER		DOE	BY	DATE
		DESIGN-DETAILED		CAH	RWH	03/10
		CHECKED-REVIEWED		TIC	-	03/10
		DESIGN2-DETAILED2		-	-	-
		DESIGN3-DETAILED3		-	-	-
		REVISIONS 1		-	-	-
		REVISIONS 2		-	-	-
		REVISIONS 3		-	-	-
		REVISIONS 4		-	-	-
		FIELD CHANGES		-	-	-
BRIDGE NO. 5617		PIN		17793.00		
BRIDGE PLANS						

INTERSTATE 295 SOUTHBOUND SHERWOOD STREET PORTLAND CUMBERLAND COUNTY		PLAN AND TRANS. SECTION	
SHEET NUMBER		8	
OF 55			

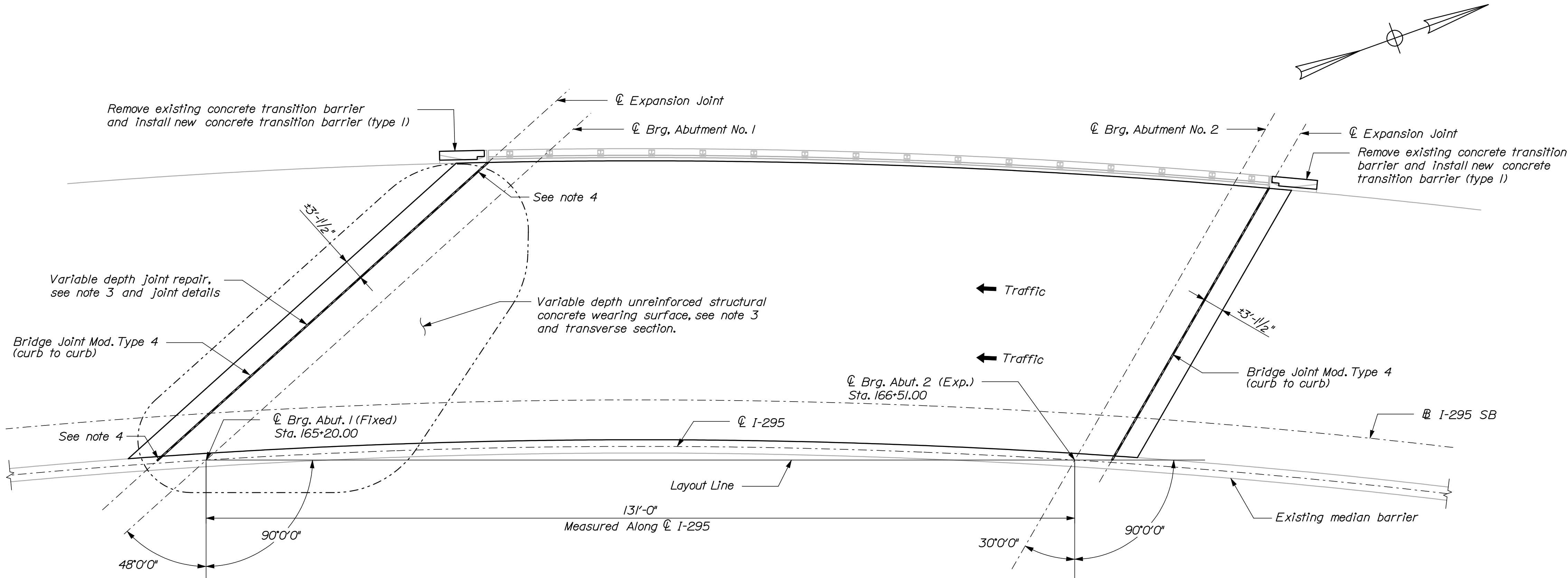
Date: 3/26/2010

Username: mcloudiff

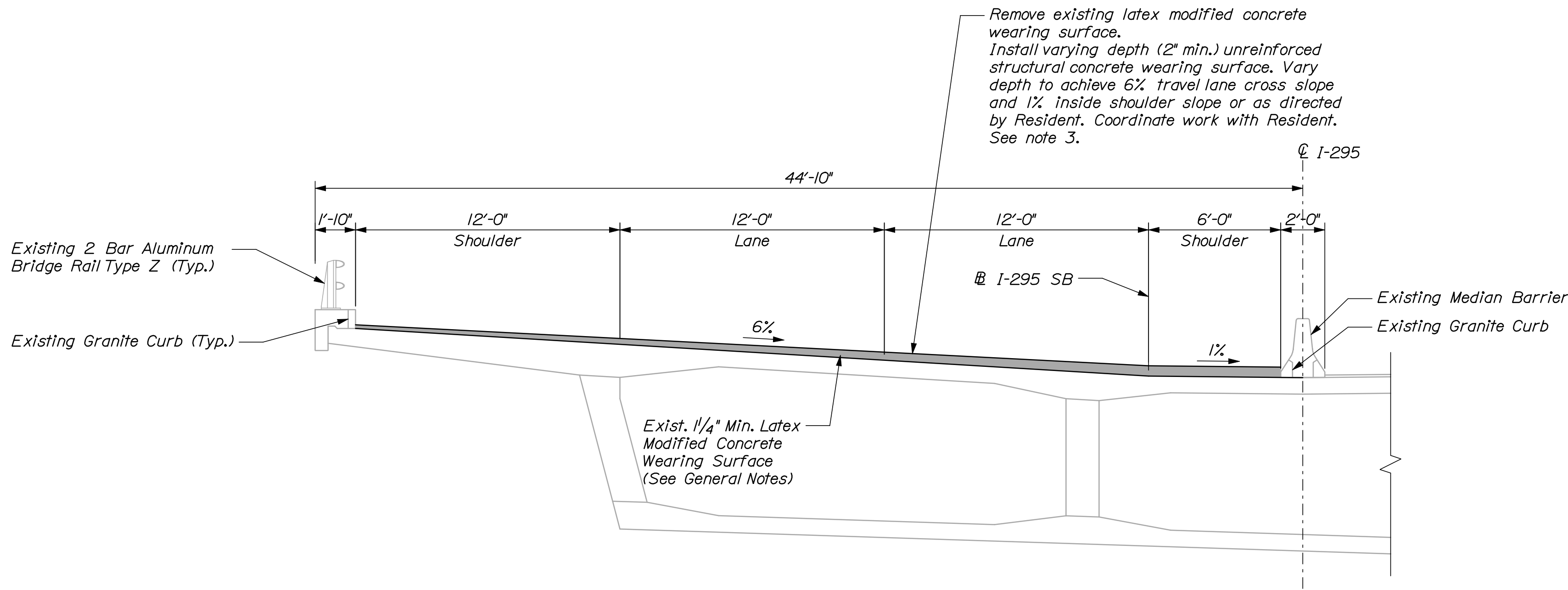
Division: BRIDGE

Filename: 009_PlanXsec-WashingtonAve.dgn

- NOTES:**
- Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
 - Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
 - Contractor shall survey along top of existing deck, joints, and roadway approaches 100 feet beyond joints. Collected information shall include elevation grades at crown, breaks, and 10 feet on center. Contractor shall provide information to resident at least 15 working days before planned joint repair work. Resident to provide proposed joint repair work. Resident to provide proposed finish grades for wearing surface and joint repair work in areas where proposed depths vary. All work associated with survey collection and coordination is considered incidental to the 502 pay items. See also General Notes.
 - At abutment 1 the proposed steel extrusion and gland seal for the joint modification shall extend beyond the curbline and into the median barrier and turn upward at a 45 degree angle to produce a water-tight joint. The final details of the joint modification, and its attachment to the existing joint armor at the median barrier, will be developed in the field by the Resident once final joint elevations have been developed. At the outside roadway curb (west curb) the top of extrusion elevation shall taper from the corrected elevation to the existing top of extrusion elevation over a distance of approximately four feet. The proposed extrusion shall match into the existing element approximately 6' from the curbline.



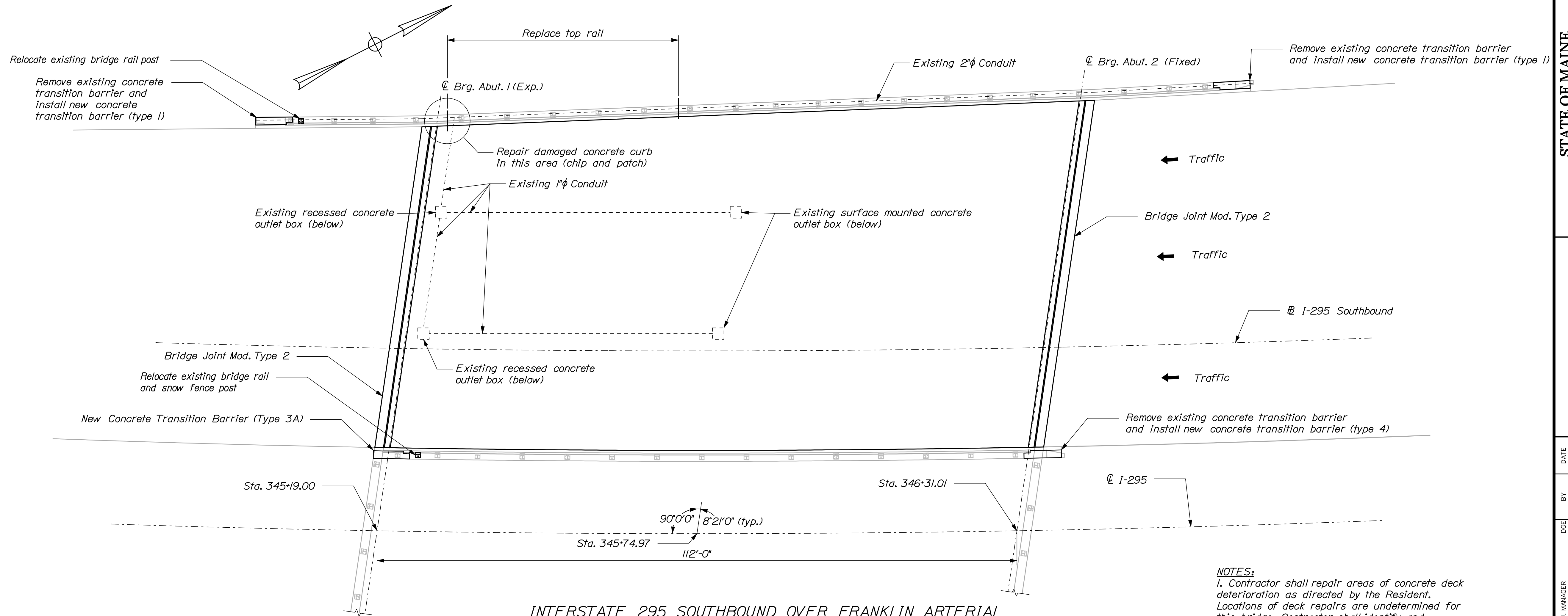
INTERSTATE 295 SOUTHBOUND OVER WASHINGTON AVENUE
Portland ~ Bridge No. 0816
N.T.S.



HALF TRANSVERSE SECTION
N.T.S.

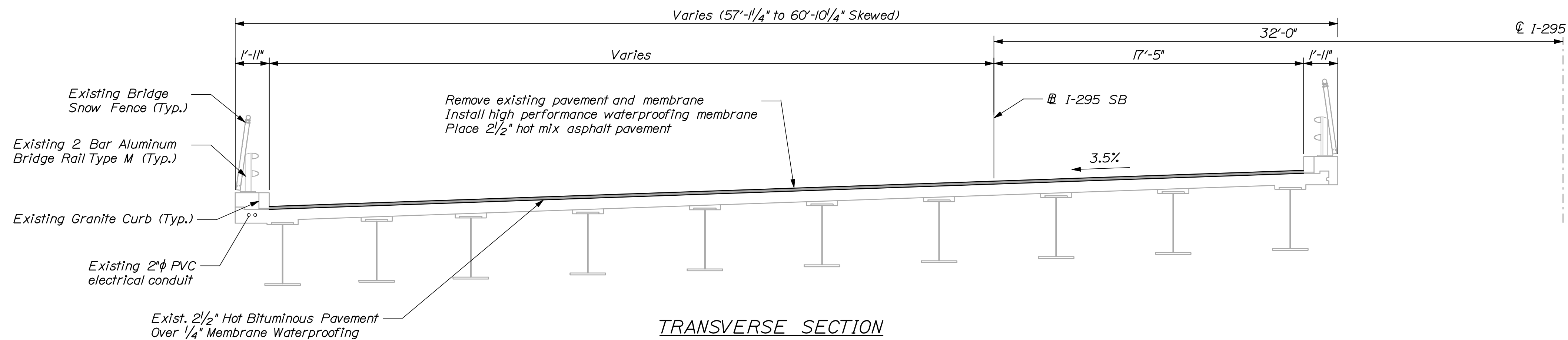
SHEET NUMBER				INTERSTATE 295 SOUTHBOUND WASHINGTON AVENUE PORTLAND CUMBERLAND COUNTY				PROJ. MANAGER				DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION							
9 OF 55				PLAN AND TRANS. SECTION				DESIGN-DETAILED				CAH	BY	IM-1779(300)E						
								CHECKED-REVIEWED				TIC				03/10	PIN			
								DESIGN2-DETAILED2				-				03/10	17793.00			
								DESIGN3-DETAILED3				-				BRIDGE NO. 0816				
								REVISONS 1				-				DATE				
								REVISONS 2												
								REVISONS 3												
								REVISONS 4												
								FIELD CHANGES												

Filename: 010_PlanXsec-FranklinArterial.dgn
Division: BRIDGE
Username: mcundiff
Date: 3/26/2010



INTERSTATE 295 SOUTHBOUND OVER FRANKLIN ARTERIAL
Portland ~ Bridge No. 6300
N.T.S.

- NOTES:**
1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
 2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
 3. Relocation of snow fence post and modification of snow fencing shall be incidental to item 526.34.



TRANSVERSE SECTION
N.T.S.

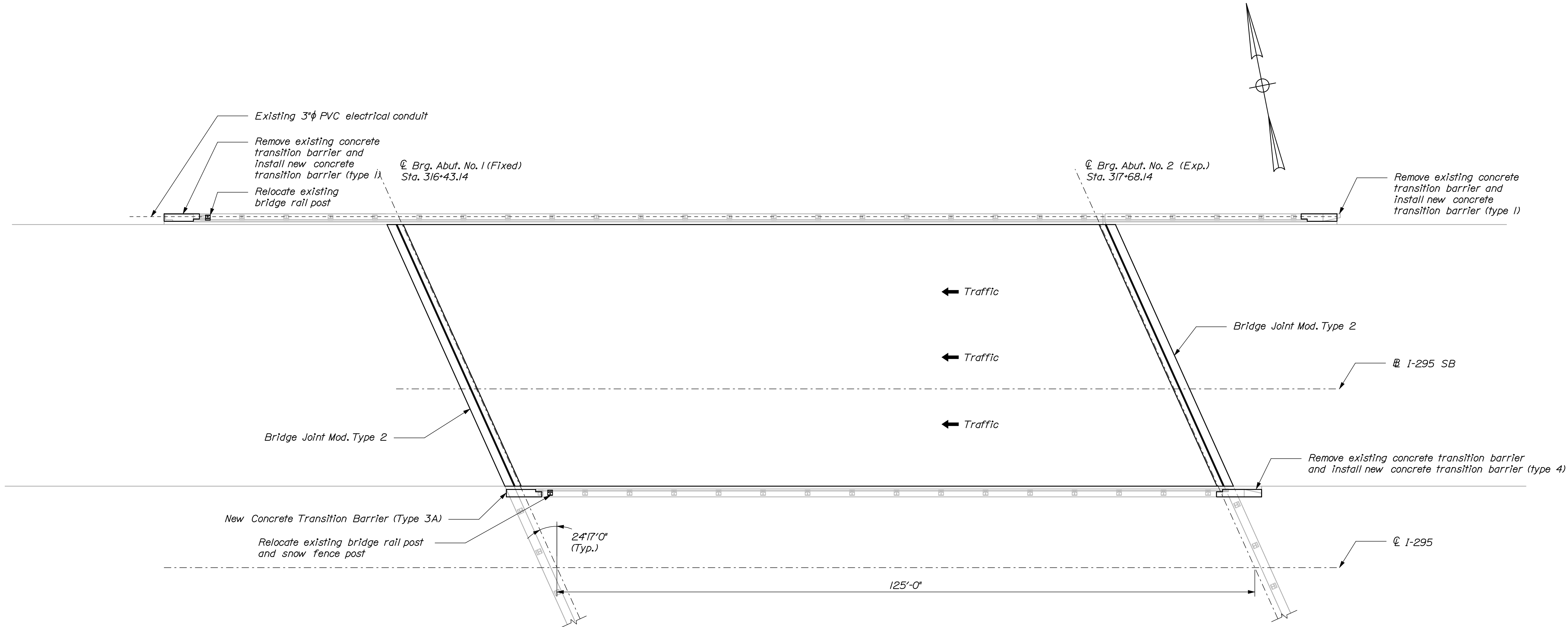
SHEET NUMBER		10		OF 55	
INTERSTATE 295 SOUTHBOUND		FRANKLIN ARTERIAL		CUMBERLAND COUNTY	
PORTLAND		CUMBERLAND COUNTY		PORTLAND	
PLAN AND TRANS. SECTION		DESIGN-DETAILED		CAH	03/10
		CHECKED-REVIEWED		TRC	03/10
		DESIGN2-DETAILED2		-	-
		DESIGN5-DETAILED3		-	-
		REVISONS 1		-	-
		REVISONS 2		-	-
		REVISONS 3		-	-
		REVISONS 4		-	-
		FIELD CHANGES		-	-
		DATE			
		P.E. NUMBER			
		SIGNATURE			
		BRIDGE NO. 6300		PIN	
		17793.00		17793.00	
		BRIDGE PLANS		BRIDGE PLANS	
		IM-1779(300)E		IM-1779(300)E	
		DEPARTMENT OF TRANSPORTATION		DEPARTMENT OF TRANSPORTATION	
		STATE OF MAINE		STATE OF MAINE	

Date: 3/26/2010

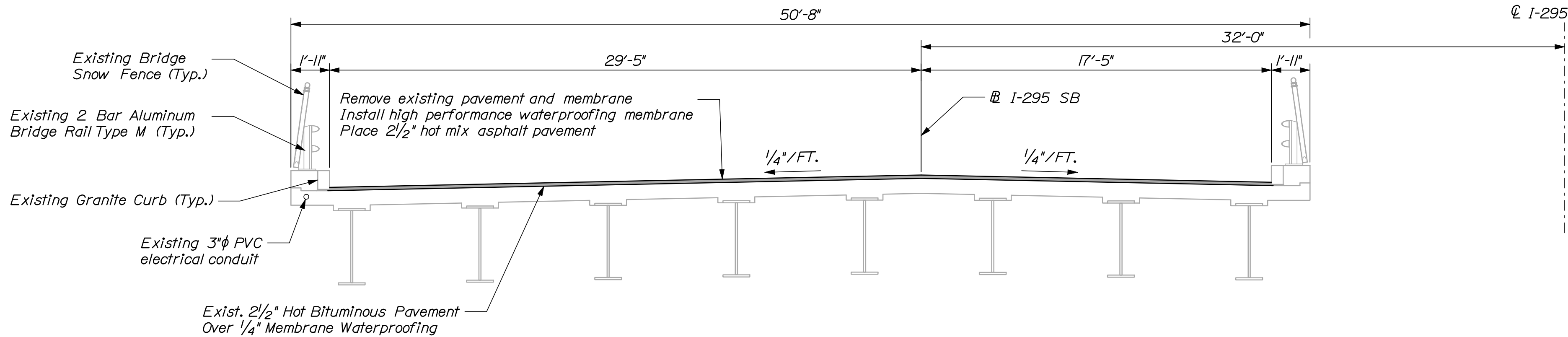
Username: mcardiff

Division: BRIDGE

Filename: 011_PlanXsec-Forest Ave.dgn



INTERSTATE 295 SOUTHBOUND OVER FOREST AVENUE
Portland ~ Bridge No. 6298
N.T.S.



TRANSVERSE SECTION
N.T.S.

- NOTES:**
- Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
 - Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
 - Relocation of snow fence post and modification of snow fencing shall be incidental to item 526.34.

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
BRIDGE NO. 6298	PIN 17793.00
	BRIDGE PLANS

PROJ. MANAGER	DATE	BY	DOE	SIGNATURE
DESIGN-DETAILED	03/10	RWH		
CHECKED-REVIEWED	03/10			
DESIGN-DETAILED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

INTERSTATE 295 SOUTHBOUND	
FOREST AVENUE	
CUMBERLAND COUNTY	
PORTLAND	
PLAN AND TRANS. SECTION	

SHEET NUMBER
11
OF 55

Date: 3/26/2010

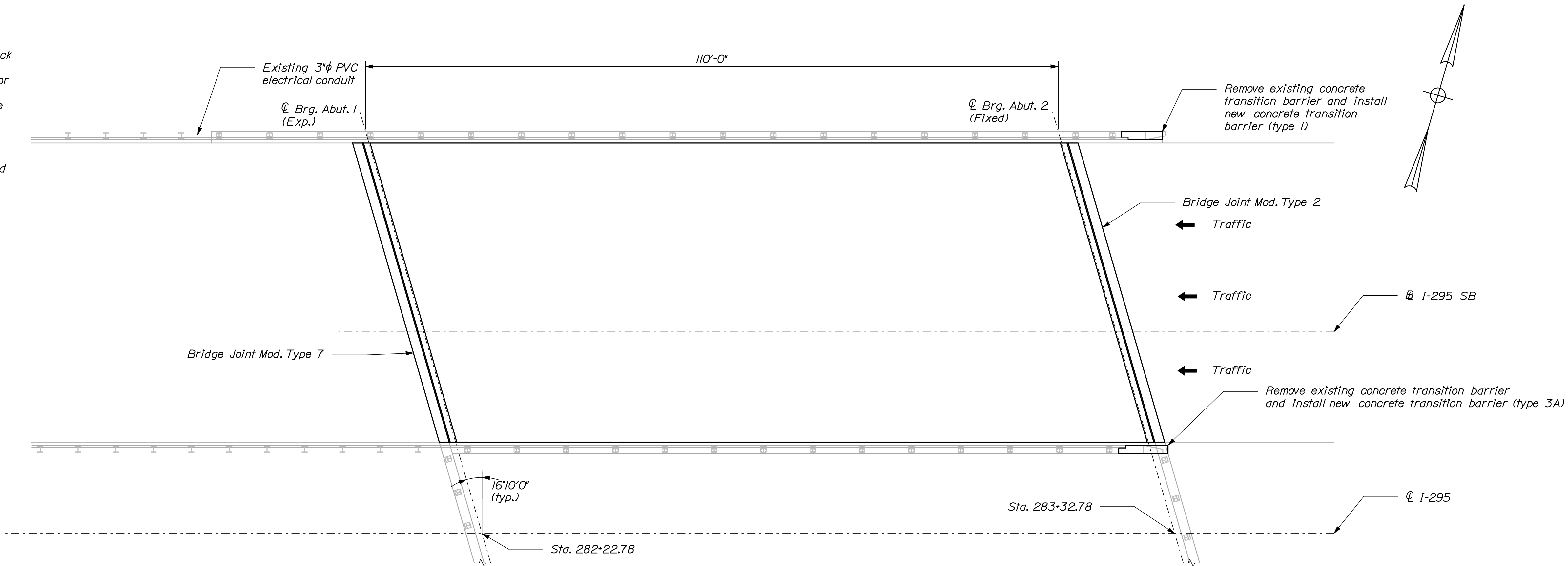
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Division: BRIDGE

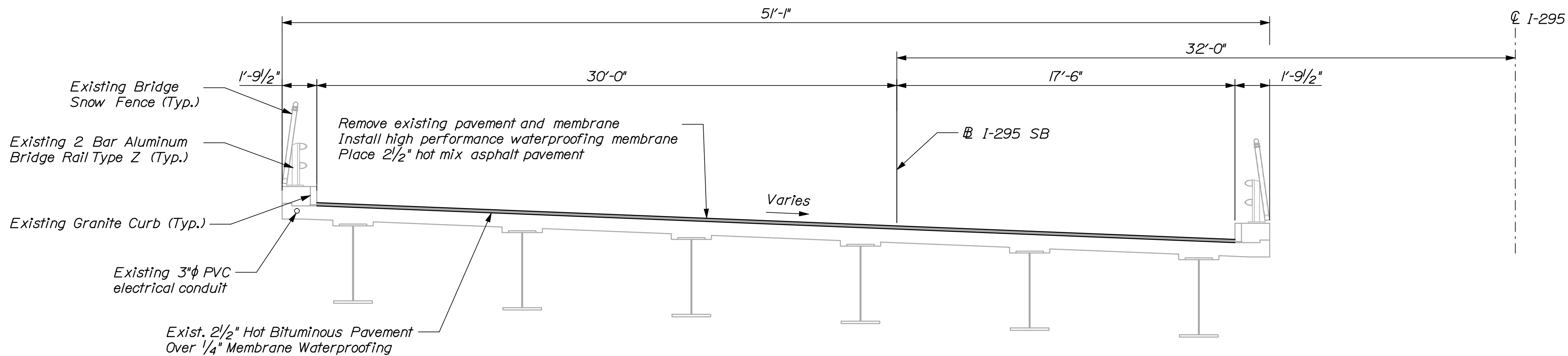
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NOTES:
1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.

2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)



INTERSTATE 295 SOUTHBOUND OVER ST. JOHN STREET
Portland ~ Bridge No. 6297
N.T.S.



TRANSVERSE SECTION
N.T.S.

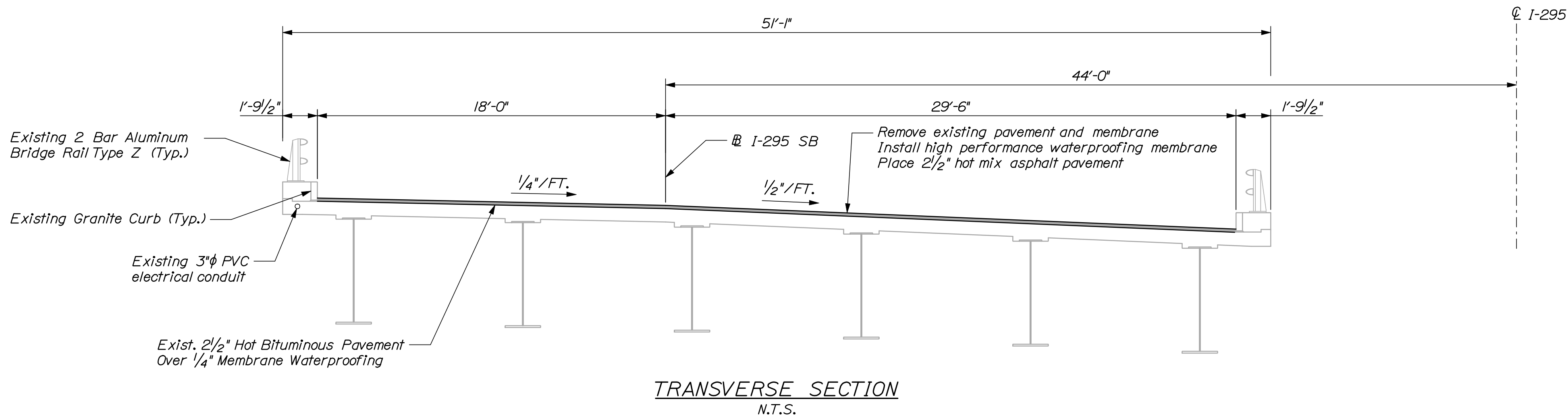
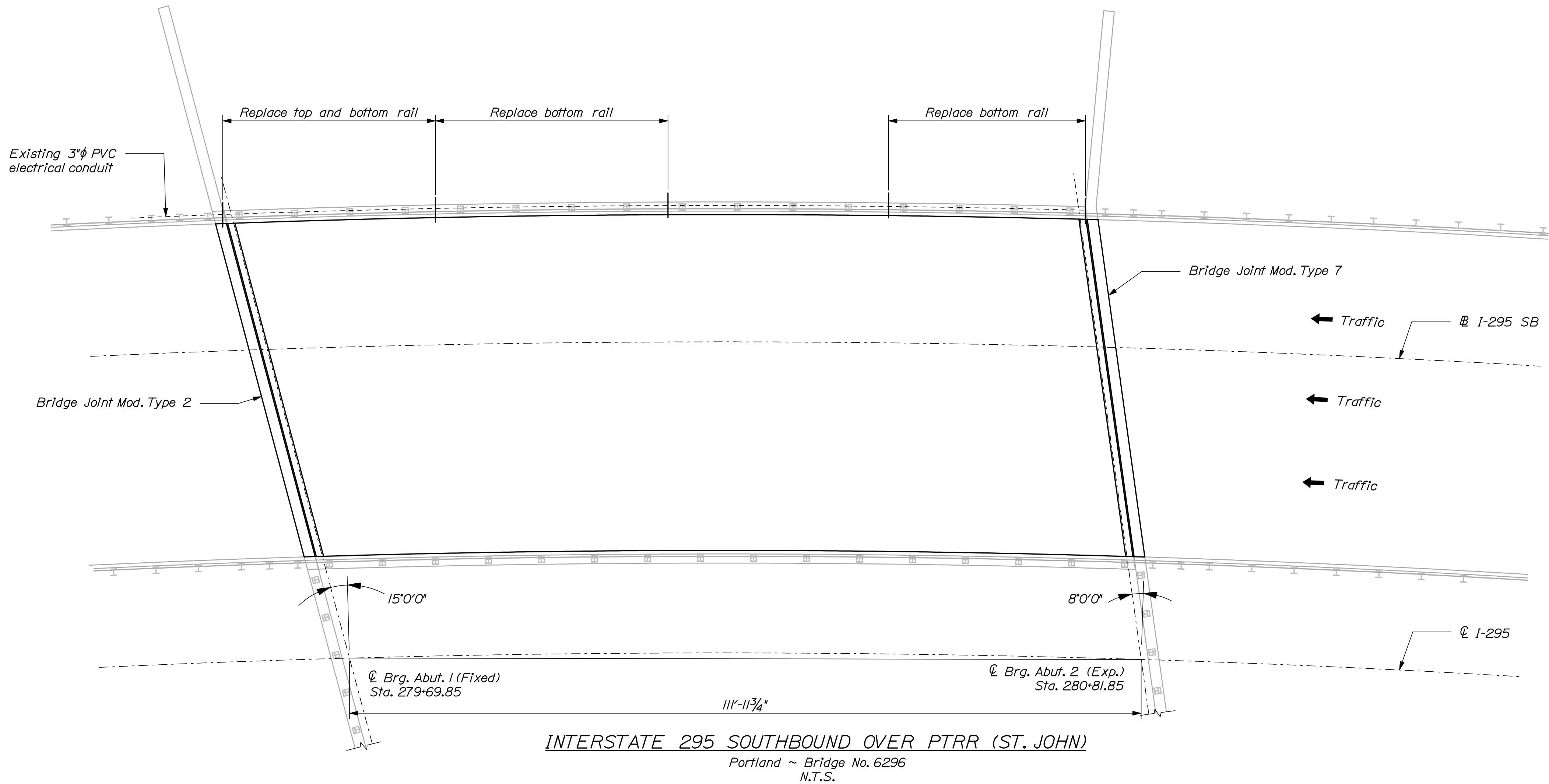
STATE OF MAINE DEPARTMENT OF TRANSPORTATION
IM-1779(300)E
BRIDGE NO. 6297 PIN 17793.00
BRIDGE PLANS

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	CAH	TRC	DOE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
							03/10			
							03/10			

INTERSTATE 295 SOUTHBOUND ST. JOHN STREET PORTLAND CUMBERLAND COUNTY
PLAN AND TRANS. SECTION

SHEET NUMBER
12
OF 55

NOTES:
1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)



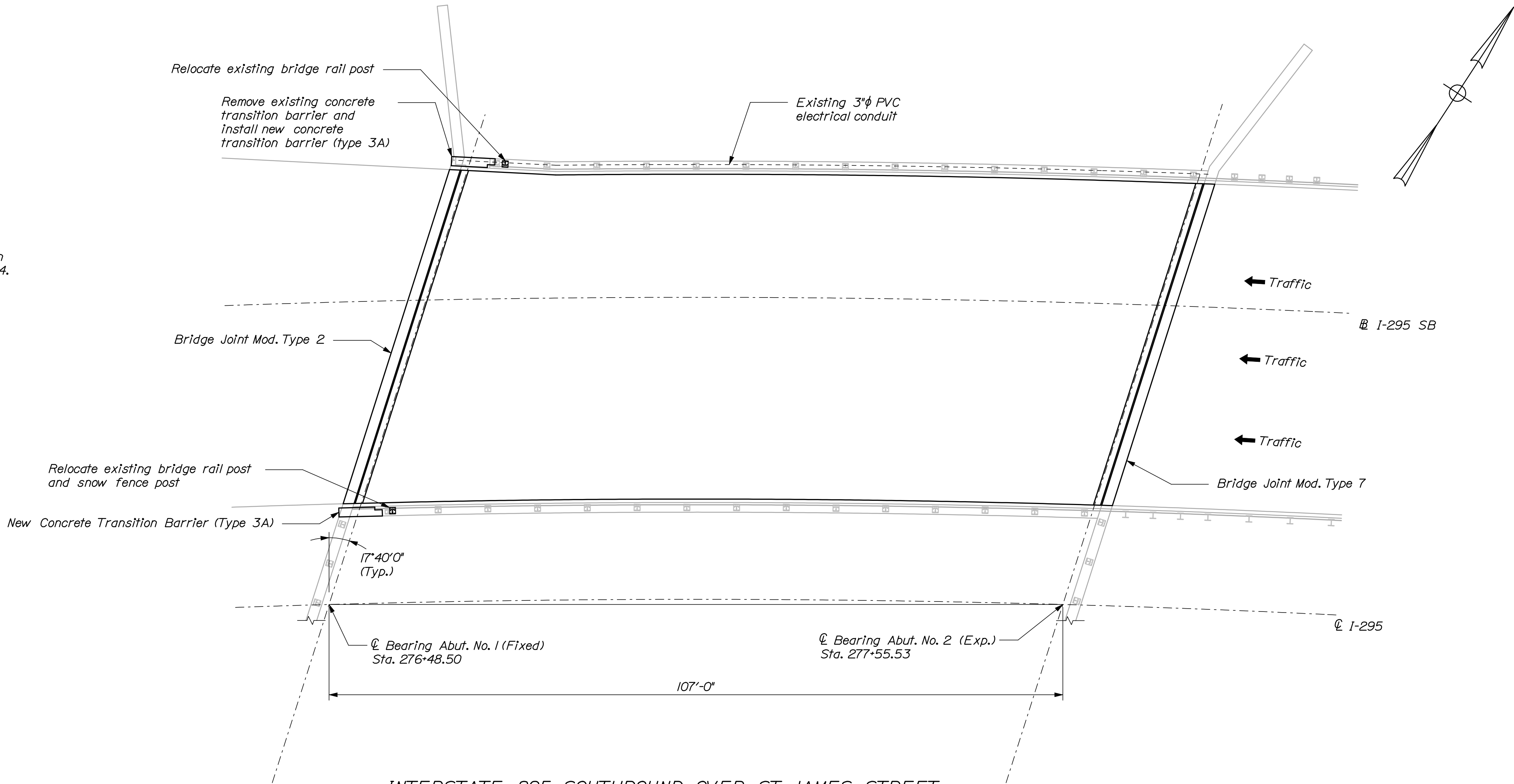
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CAH	RWH		03/10	SIGNATURE
DESIGN-DETAILED	CHECKED-REVIEWED	TRC	03/10	
DESIGN-DETAILED2	DESIGN-DETAILED3			
DESIGN-DETAILED3	DESIGN-DETAILED4			
REVISIONS 1	REVISIONS 2			P.E. NUMBER
REVISIONS 3	REVISIONS 4			
REVISIONS 5	REVISIONS 6			
REVISIONS 7	REVISIONS 8			
FIELD CHANGES				DATE

NOTES:

1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.

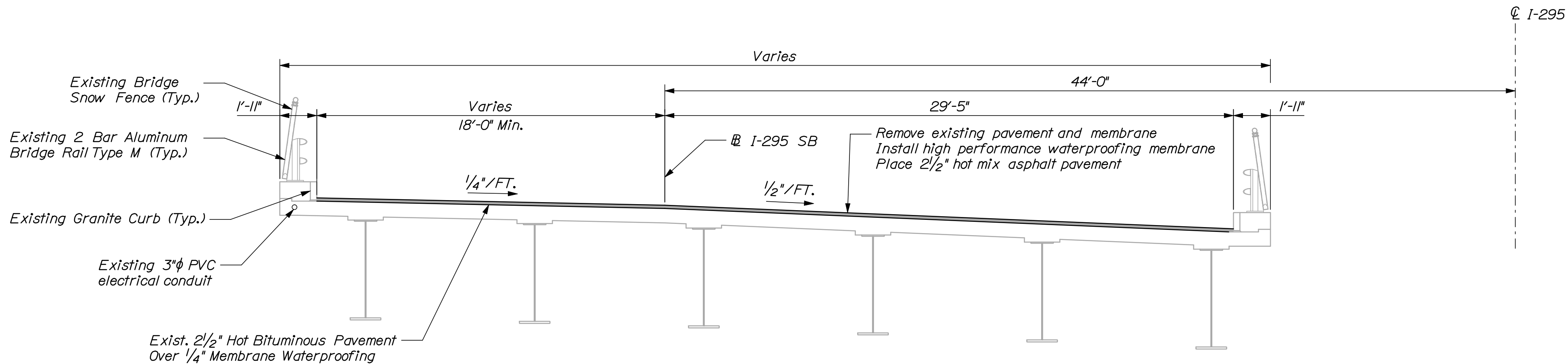
2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)

3. Relocation of snow fence post and modification of snow fencing shall be incidental to item 526.34.



INTERSTATE 295 SOUTHBOUND OVER ST. JAMES STREET

Portland ~ Bridge No. 6295
N.T.S.



TRANSVERSE SECTION

M.T.S.

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
BRIDGE NO. 6295	PIN 17793.00
	BRIDGE PLANS

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	DOE	DATE
	CAH	TRC	03/10	RWH		03/10
	DESIGN-DETAILED					
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

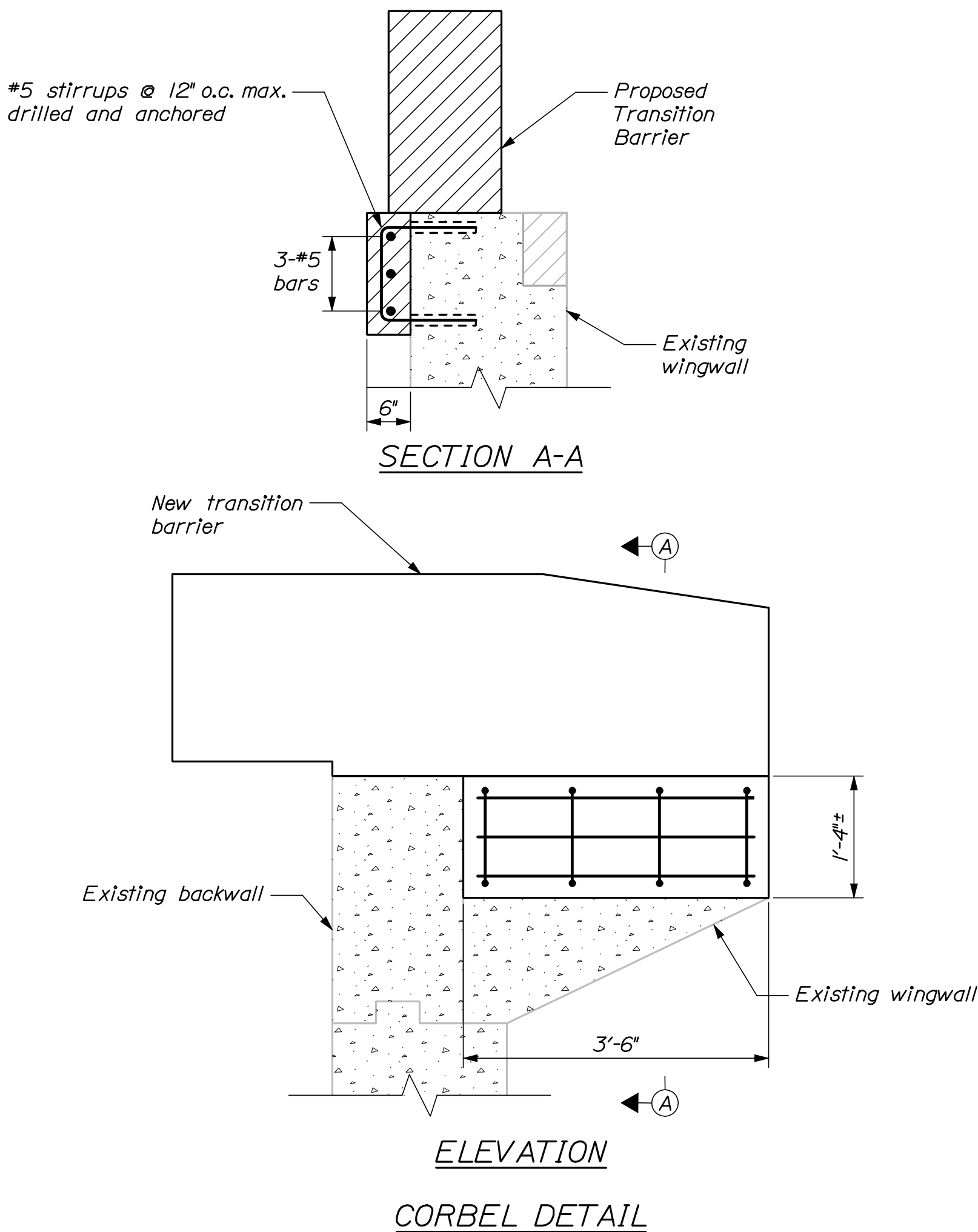
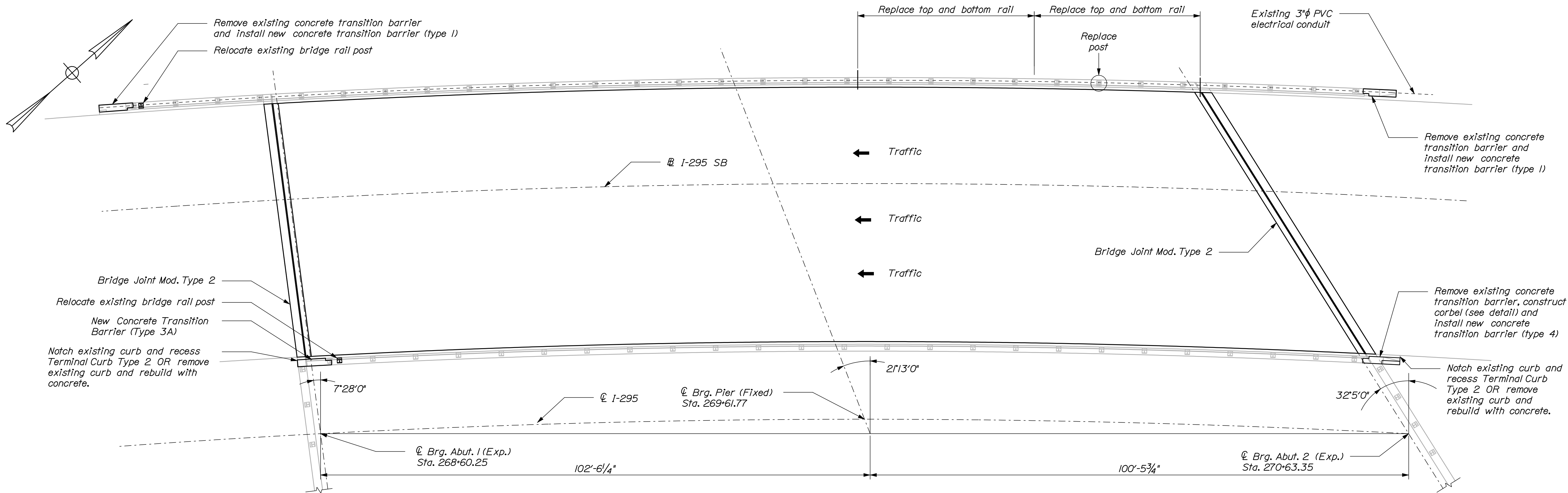
INTERSTATE 295 SOUTHBOUND	
ST. JAMES STREET	
PORTLAND CUMBERLAND COUNTY	
PLAN AND TRANS. SECTION	

SHEET NUMBER
14
OF 55

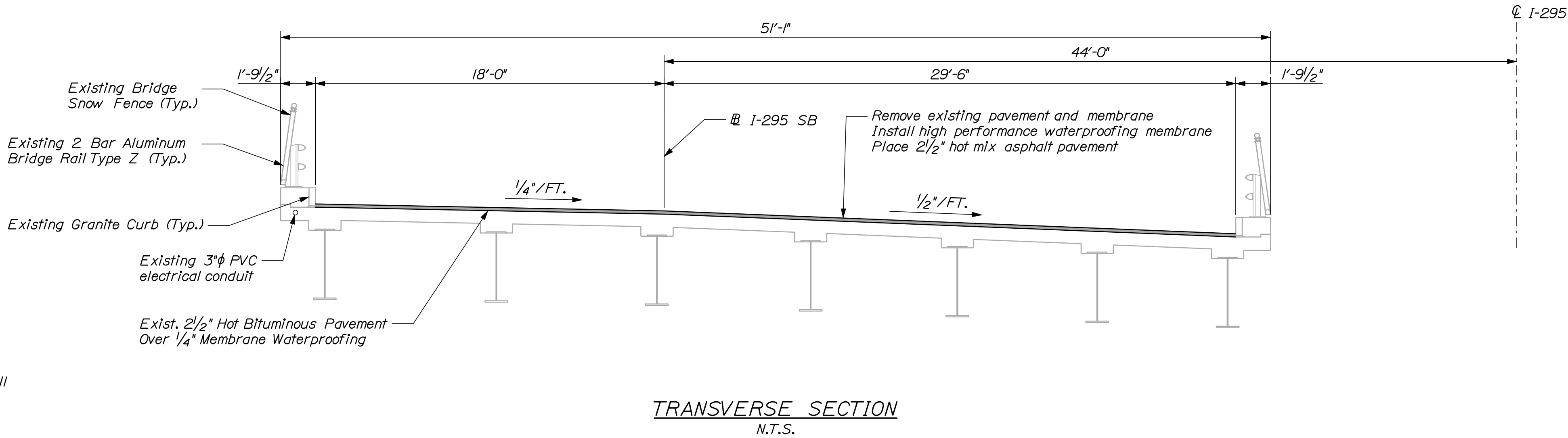
Date: 3/26/2010

Username: mcardiff

Filename: 015_PlanSec-CongressStreet-ParkAvenue.dwg



INTERSTATE 295 SOUTHBOUND OVER CONGRESS STREET & PARK AVENUE
Portland ~ Bridge No. 6294
N.T.S.



- NOTES:**
1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
 2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
 3. Construction of the proposed support corbel at the approach passing lane side transition barrier shall be incidental to item 526.34.
 4. Modifying existing bridge curb for matching proposed terminal curb shall be incidental to item 526.34.

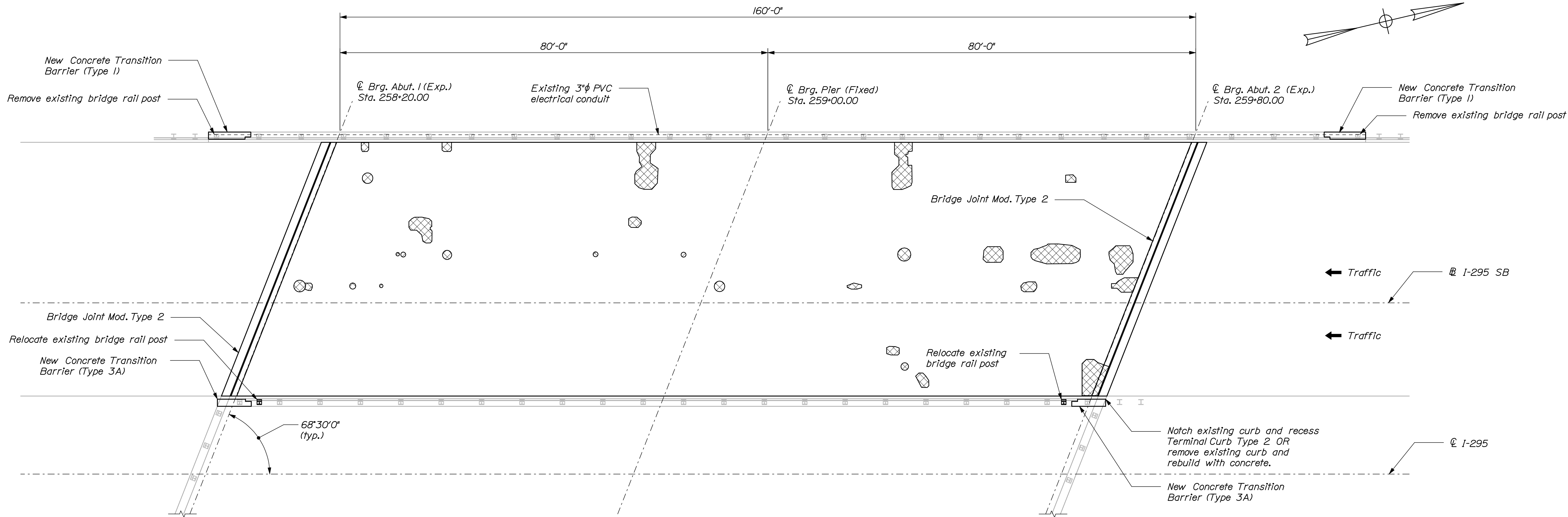
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1779(300)E		PIN 17793.00		BRIDGE NO. 6294		BRIDGE PLANS	
INTERSTATE 295 SOUTHBOUND		CONGRESS STREET & PARK AVENUE		PORTLAND		CUMBERLAND COUNTY		PLAN AND TRANS. SECTION		SHEET NUMBER	
15		OF 55									
DATE		BY		DOE		PROJ. MANAGER		DESIGN-DETAILED		CHECKED-REVIEWED	
03/10		RWL		CAH		DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-DETAILED	
SIGNATURE		P.E. NUMBER		DATE		REVISIONS 1		REVISIONS 2		REVISIONS 3	
						REVISIONS 4		FIELD CHANGES			

Date: 3/26/2010

Username: mcardiff

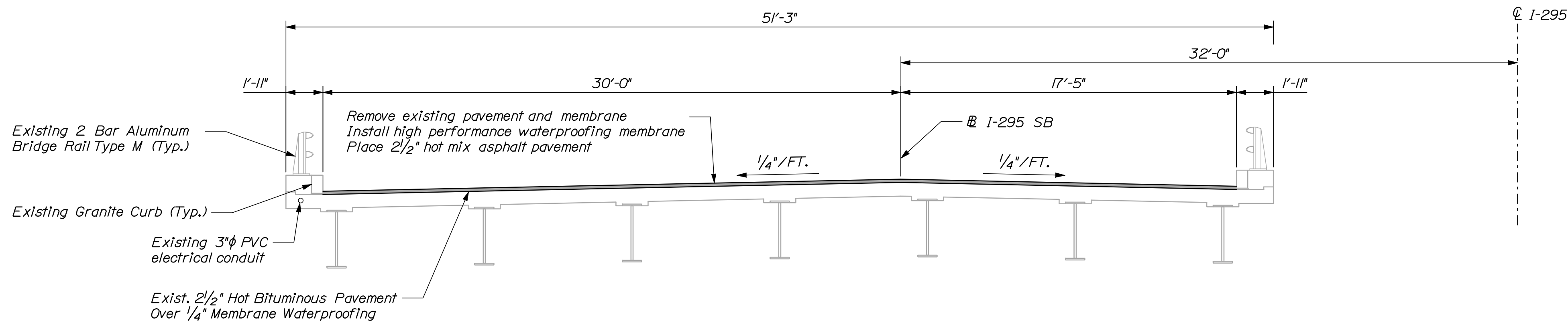
Division: BRIDGE

Filename: 016_PlanXsec-PortlandConnector.dgn



INTERSTATE 295 SOUTHBOUND OVER PORTLAND CONNECTOR (WESTBROOK ARTERIAL)
Portland ~ Bridge No. 6292
N.T.S.

Legend
Approximate limits of deck repair



TRANSVERSE SECTION
N.T.S.

NOTES:
1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Approximate locations for deck repairs are shown on the plan. Exact locations may vary and shall be determined in the field. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
3. Modifying existing bridge curb for matching proposed terminal curb shall be incidental to item 526.34.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	IM-1779(300)E	PIN 17793.00	BRIDGE NO. 6292	BRIDGE PLANS
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PROJ. MANAGER	CHECKED	DESIGNED	DATE	BY	DOE	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	CAH	CAH	03/10	RWH	-	03/10			
CHECKED-REVIEWED	TRC	TRC							
DESIGN-DETAILED									
DESIGN-DETAILED									
REVISIONS 1									
REVISIONS 2									
REVISIONS 3									
REVISIONS 4									
FIELD CHANGES									

INTERSTATE 295 SOUTHBOUND PORTLAND CONNECTOR PORTLAND CUMBERLAND COUNTY	PLAN AND TRANS. SECTION
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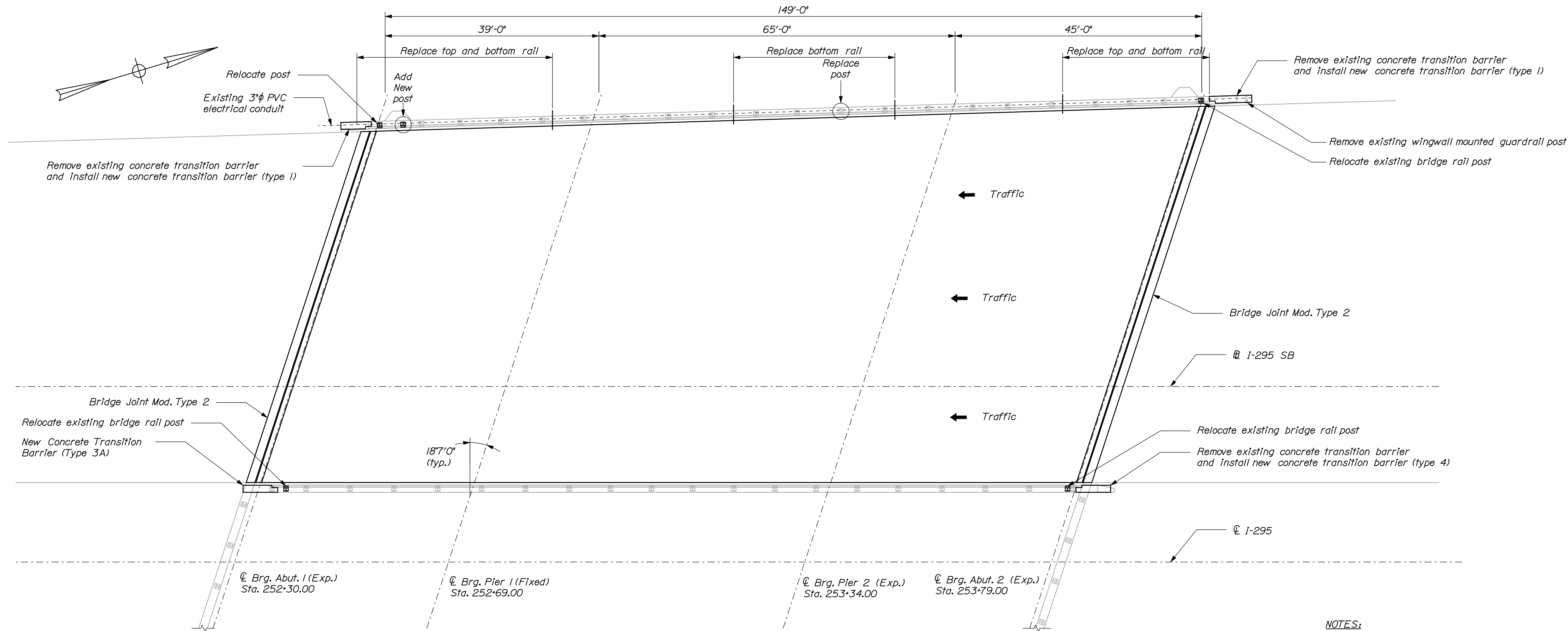
SHEET NUMBER 16 OF 55

Date: 3/26/2010

Username: mcardiff

Division: BRIDGE

Filename: 017_PlanXsec-PTRR.dgn

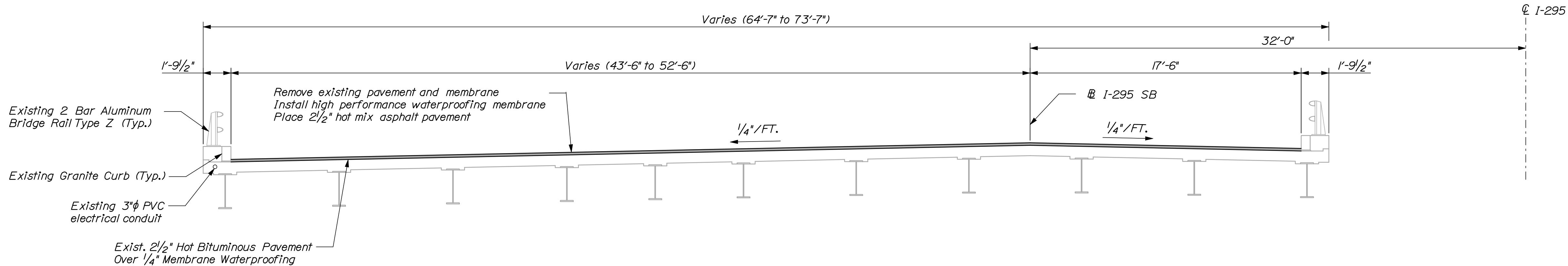


INTERSTATE 295 SOUTHBOUND OVER PTRR (FORE RIVER)

Portland ~ Bridge No. 629I
N.T.S.

NOTES:
1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.

2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)



TRANSVERSE SECTION

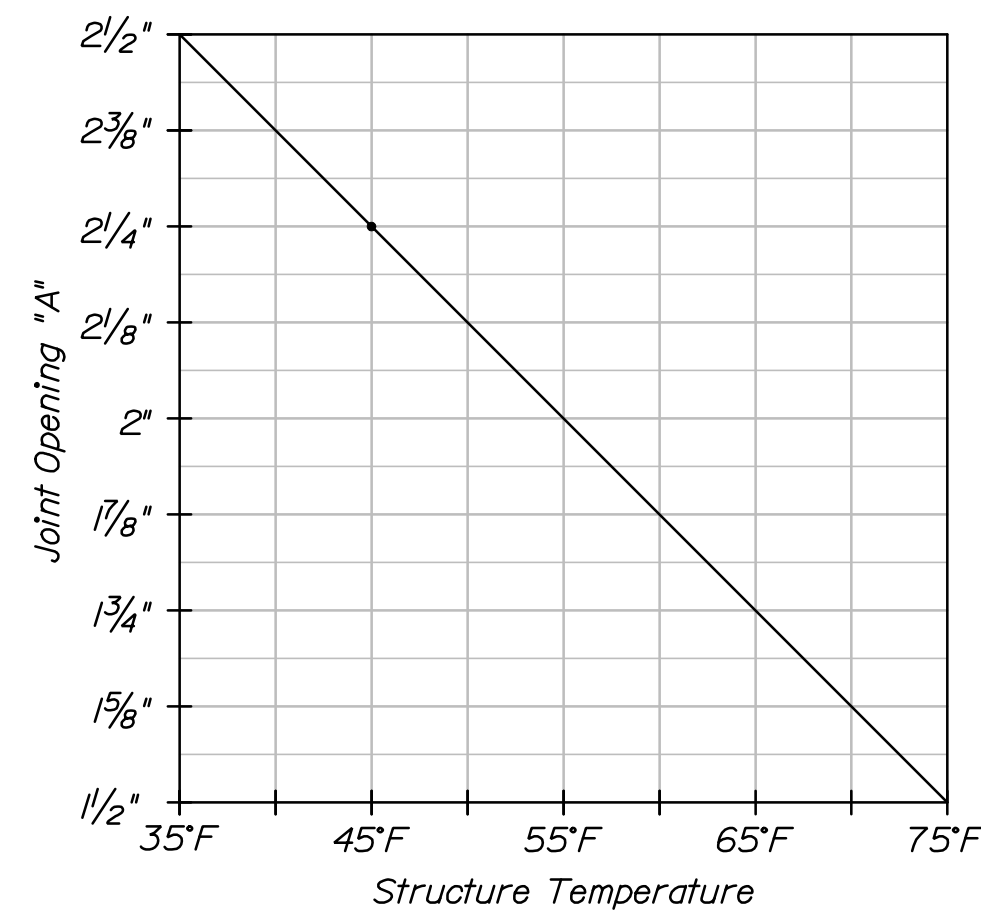
N.T.S.

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
BRIDGE NO. 629I	PIN 17793.00
BRIDGE PLANS	

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
CAH	TRC	03/10	03/10	RWH	03/10			
DESIGN-DETAILED								
REVISIONS 1								
REVISIONS 2								
REVISIONS 3								
REVISIONS 4								
FIELD CHANGES								

INTERSTATE 295 SOUTHBOUND	
PTRR (FORE RIVER)	
CUMBERLAND COUNTY	
PORTLAND	
PLAN AND TRANS. SECTION	

SHEET NUMBER
17
OF 55



35°F 45°F 55°F 65°F 75°F
 Structure Temperature


Opening Adjustment Table - Fore River:
 North and South Abutments

PLAN

SECTION A-A

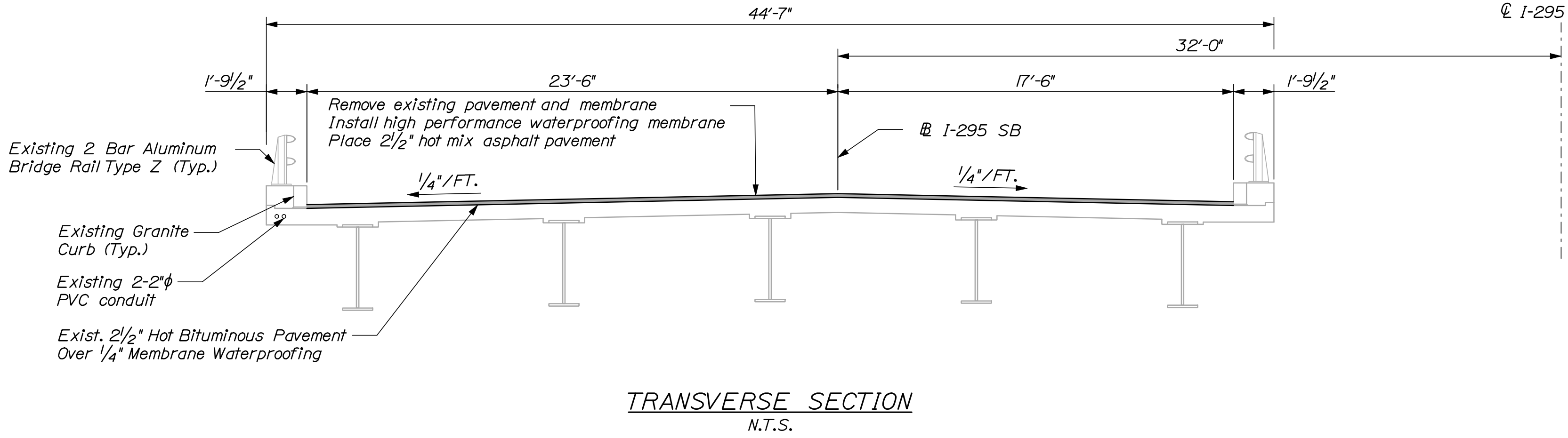
CURB MODIFICATION DETAIL

Legend

 Approximate limits of deck repair

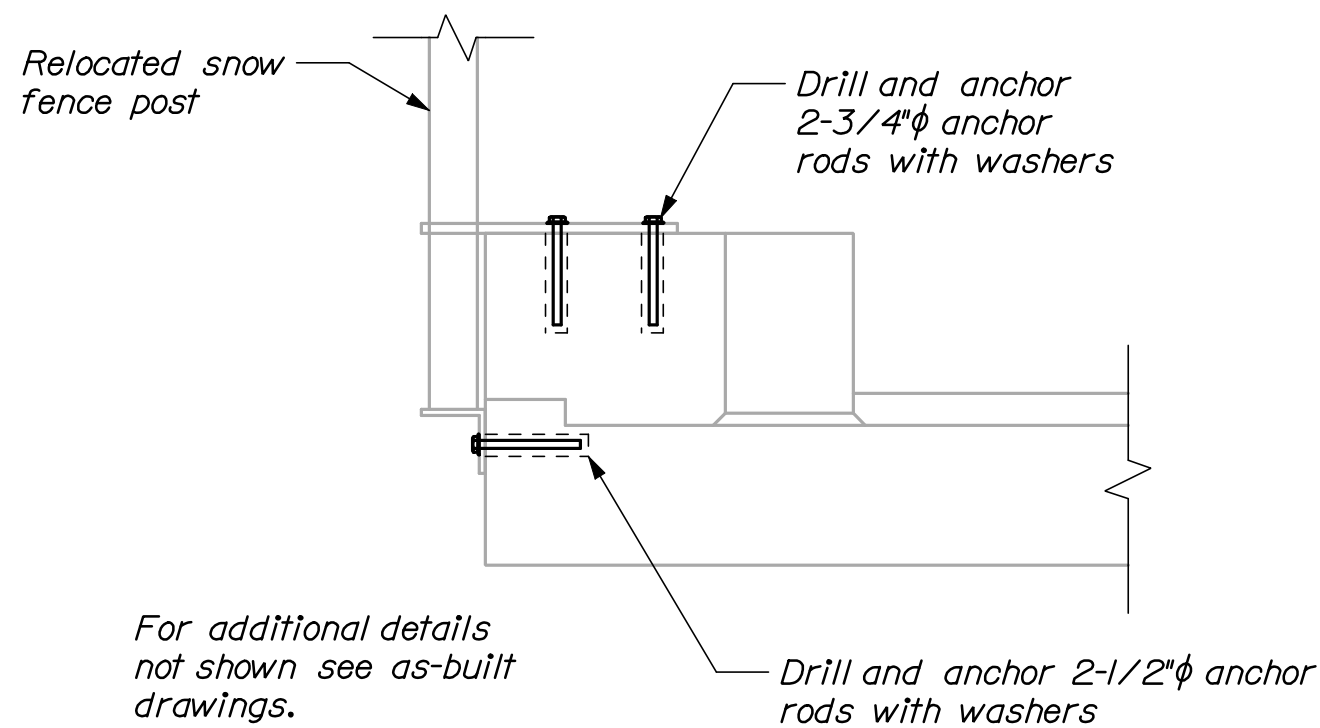
NOTES:

1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Approximate locations for deck repairs are shown on the plan. Exact locations may vary and shall be determined in the field. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
3. Notch existing curb and recess terminal curb type 2 or remove existing curb and rebuild with concrete.
4. Not all conduit details shown. See as-builts for additional information.

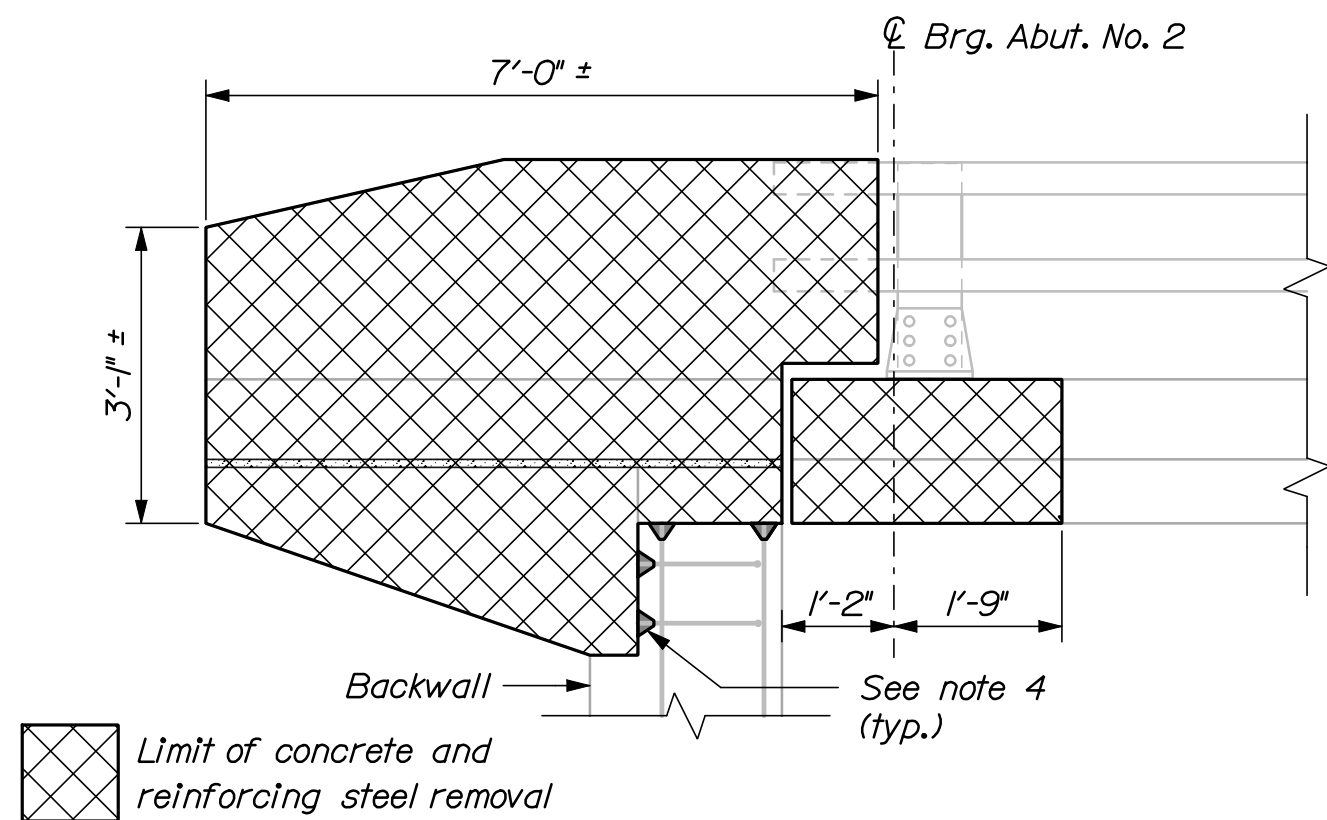


SHEET NUMBER <div>18</div> OF 55		INTERSTATE 295 SOUTHBOUND FORE RIVER PORTLAND CUMBERLAND COUNTY PLAN AND TRANS. SECTION		PROJ. MANAGER		DOE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E	
				DESIGN-DETAILED CHECKED-REVIEWED DESIGN2-DETAILED2 DESIGNS-DETAILED3 REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	CAH RWH - - - - - - -	- - - - - - - - -	03/10 03/10 - - - - - - -			
								SIGNATURE		
								P.E. NUMBER		
								DATE		
									BRIDGE NO. 6281	
									PIN 17793.00	
									BRIDGE PLANS	

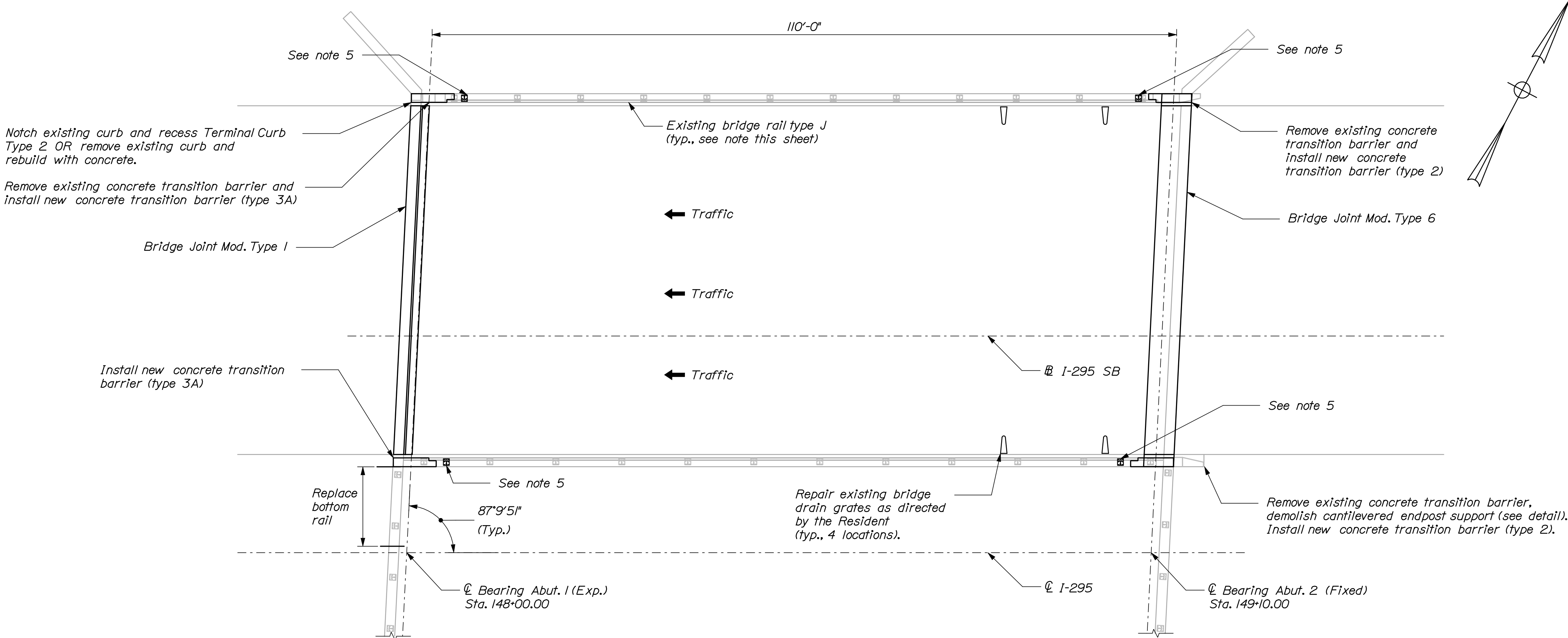
- NOTES:**
- Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
 - Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
 - Reanchor the sign bridge supports (not shown) into curb and grout void under steel support as directed by Resident. Paid under time and materials.
 - After demolishing the existing passing approach transition barrier the existing reinforcing steel shall be cut 2" below the demolished surface. The contractor shall chip localized areas of concrete as required to allow the bars to be cut and then fill the depressions with grout to provide a flush surface.
 - Relocate existing bridge rail post and snow fence post and modify snow fencing as required. See snow fence post relocation detail. Incidental to item 526.34.
 - Repair areas of damaged curb at departure passing endpost location as directed by The Resident. Payment to be made under Repair of Vertical Surfaces < 7.9 Inches, Item No. 518.60.
 - Replace toggle bolts on all type J rail posts per standard detail BDI08-65. Payment by time and materials.
 - Center all splice tubes and secure one side of splice tube to type J bridge rail. Payment by time and materials.



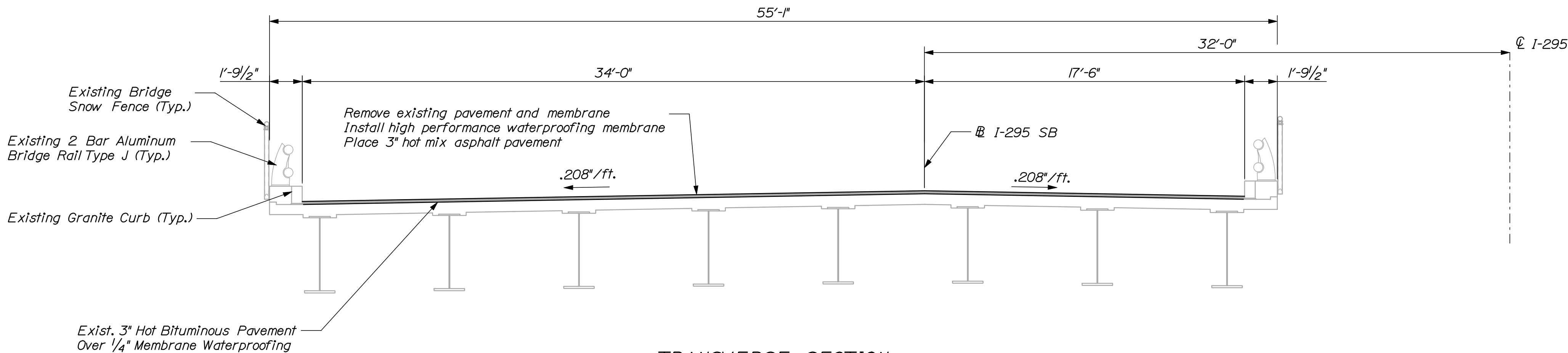
SNOW FENCE POST RELOCATION



ENDPOST SUPPORT
DEMOLITION DETAIL

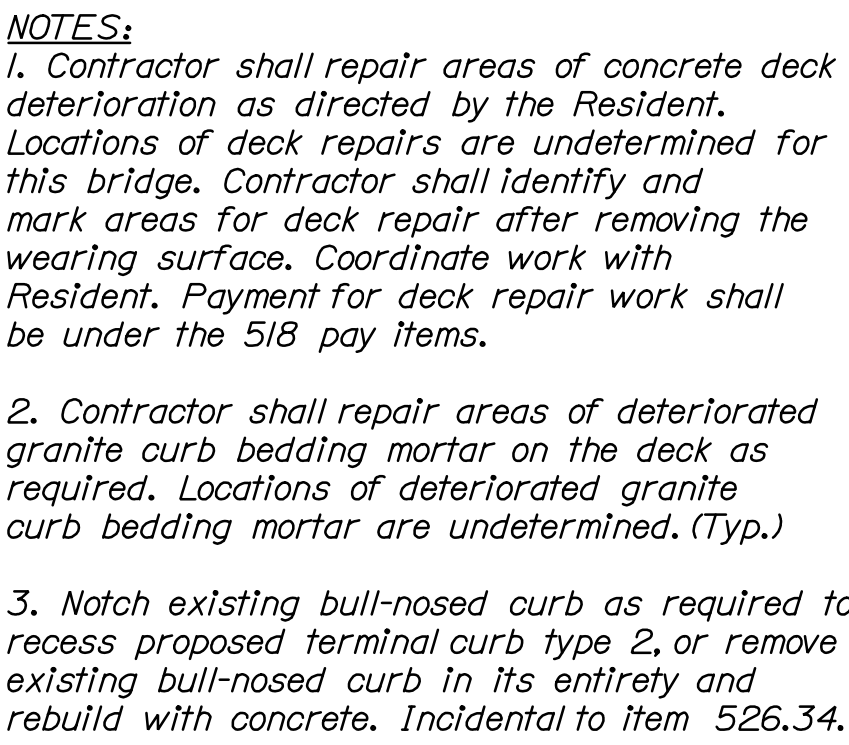


INTERSTATE 295 SOUTHBOUND OVER WESTBROOK STREET
South Portland ~ Bridge No. 6249
N.T.S.

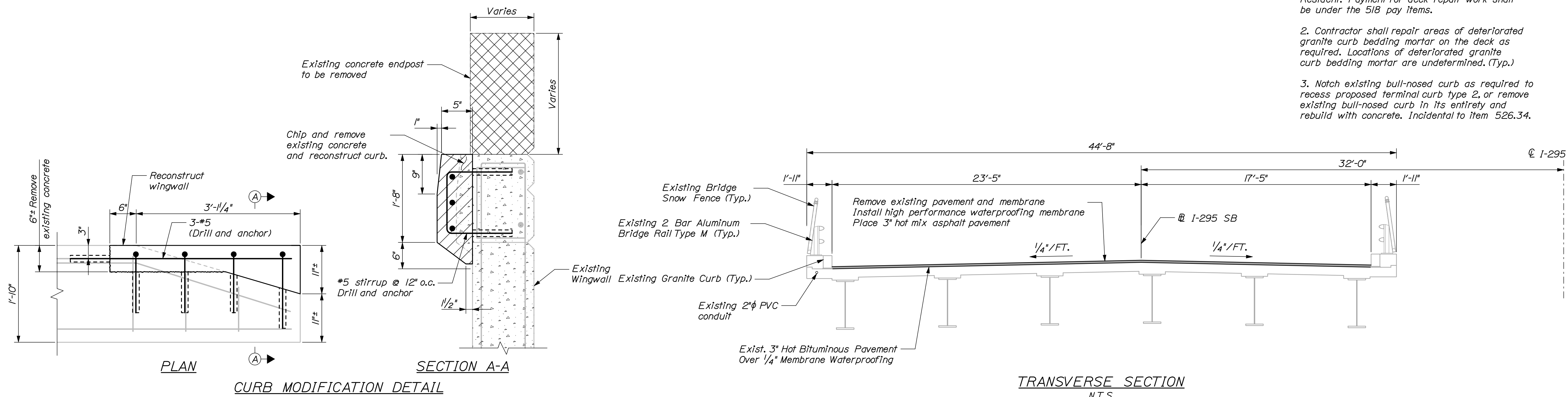


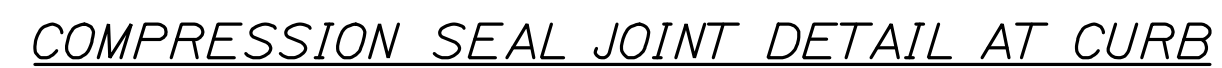
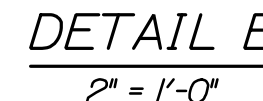
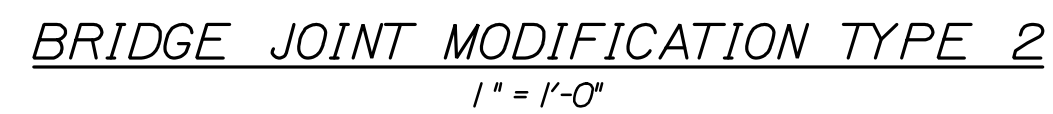
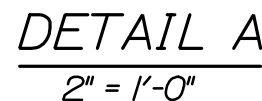
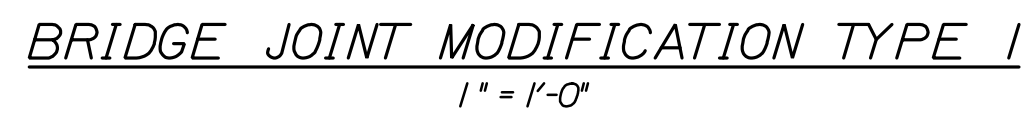
TRANSVERSE SECTION
N.T.S.

SHEET NUMBER		INTERSTATE 295 SOUTHBOUND WESTBROOK STREET SOUTH PORTLAND CUMBERLAND COUNTY				PROJ. MANAGER		DGE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
19 OF 55		DESIGN-DETAILED		CAH	RWH	03/10	SIGNATURE					IM-1779(300)E
		CHECKED-REVIEWED		TRC	-	03/10						
		DESIGNS-DETAILED2		-	-	-						
		DESIGNS-DETAILED3		-	-	-						
		REVIEWS 1		-	-	-		P.E. NUMBER				
PLAN AND TRANS. SECTION		REVIEWS 2		-	-	-	DATE					BRIDGE NO. 6249 PIN 17793.00 BRIDGE PLANS
		REVIEWS 3		-	-	-						
		REVIEWS 4		-	-	-						
		FIELD CHANGES		-	-	-						



South Portland ~ Bridge No. 1513
N.T.S.





- ## NOTES
1. Refer to Standard Details Section 520 for details and information not shown.
 2. All concrete surfaces where elastomeric concrete is to be applied shall have a 1/4-in. minimum anchor profile or roughened surface.
 3. Elastomeric concrete shall be applied according to the manufacturer's recommendations.
 4. All new steel supplied for the bridge joint modification shall be uncoated.
 5. The Contractor shall be fully responsible for selecting the appropriate seal based on the movement rating from the approved products list.
 6. Removal and replacement of existing header concrete shall be completed along the full width of the roadway. Bridge joint armor and extrusion modifications shall match into the existing steel armor approximately six inches from the gutterline. Replacement seals shall be full width.




JOINT MODIFICATION TYPE 3
(See also Reconstructed Curb & Overhang Detail, Sheet 23)
1" = 1'-0"



BRIDGE JOINT MODIFICATION TYPE 7
1" = 1'-0"

LEGEND

 Approximate limit of concrete and reinforcing steel removal

NOTES

1. Minimum depth of backwall reconstruction shall be to backwall construction joint or solid concrete, whichever is greater.
2. Refer to Standard Details Section 520 for details and information not shown.
3. All concrete surfaces where elastomeric concrete is to be applied shall have a 1/4-in. minimum anchor profile or roughened surface.
4. Elastomeric concrete shall be installed according to the manufacturer's recommendations.
5. All new steel supplied for the bridge joint modification shall be uncoated.
6. The Contractor shall be fully responsible for selecting the appropriate seal based on the movement rating from the approved products list.
7. Removal and replacement of existing header concrete shall be completed along the full width of the roadway. Bridge joint armor and extrusion modifications shall match into the existing steel armor approximately six inches from the gutterline. Replacement seals shall be full width.

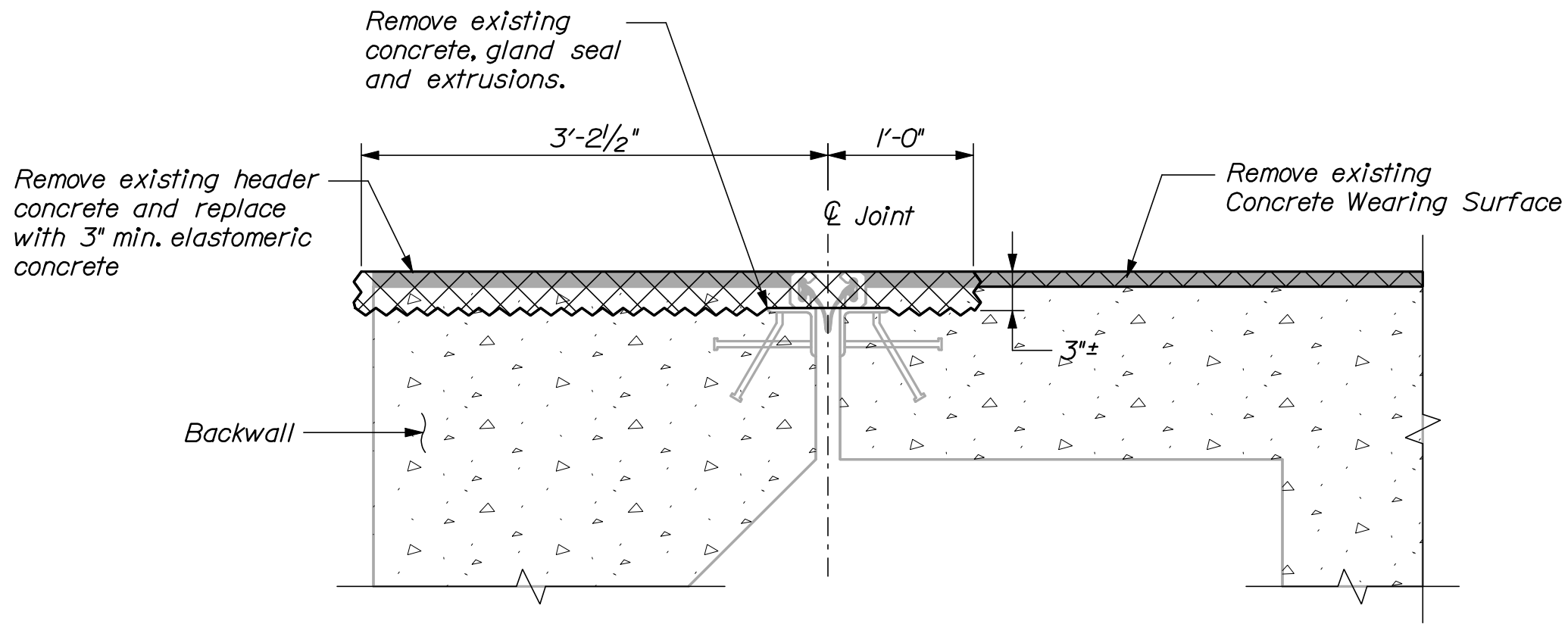
SHEET NUMBER 22 OF 55	INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORTLAND CUMBERLAND COUNTY JOINT MODIFICATION DETAILS II	PROJ. MANAGER		DOE	BY	DATE
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		CHECKED-REVISED	TRC			03/10
		DESIGN2-DETAILED2				
		DESIGN3-DETAILED3				
		REVISIONS 1				
		REVISIONS 2				
		REVISIONS 3				
		REVISIONS 4				
		FIELD CHANGES				
STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E BRIDGE NO. Varies PIN 17793.00 BRIDGE PLANS						

Date: 3/26/2010

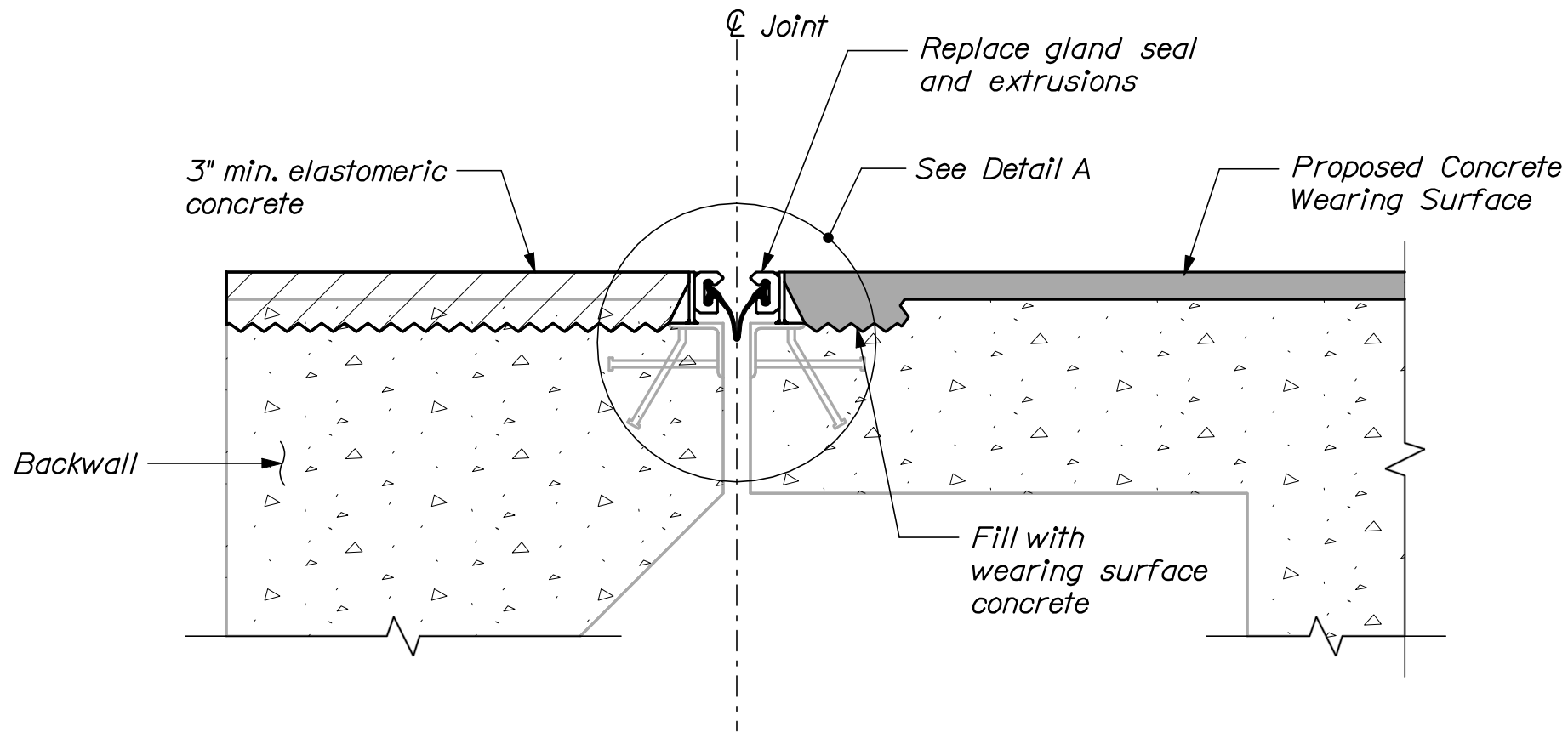
Username: mcundiff

Division: BRIDGE

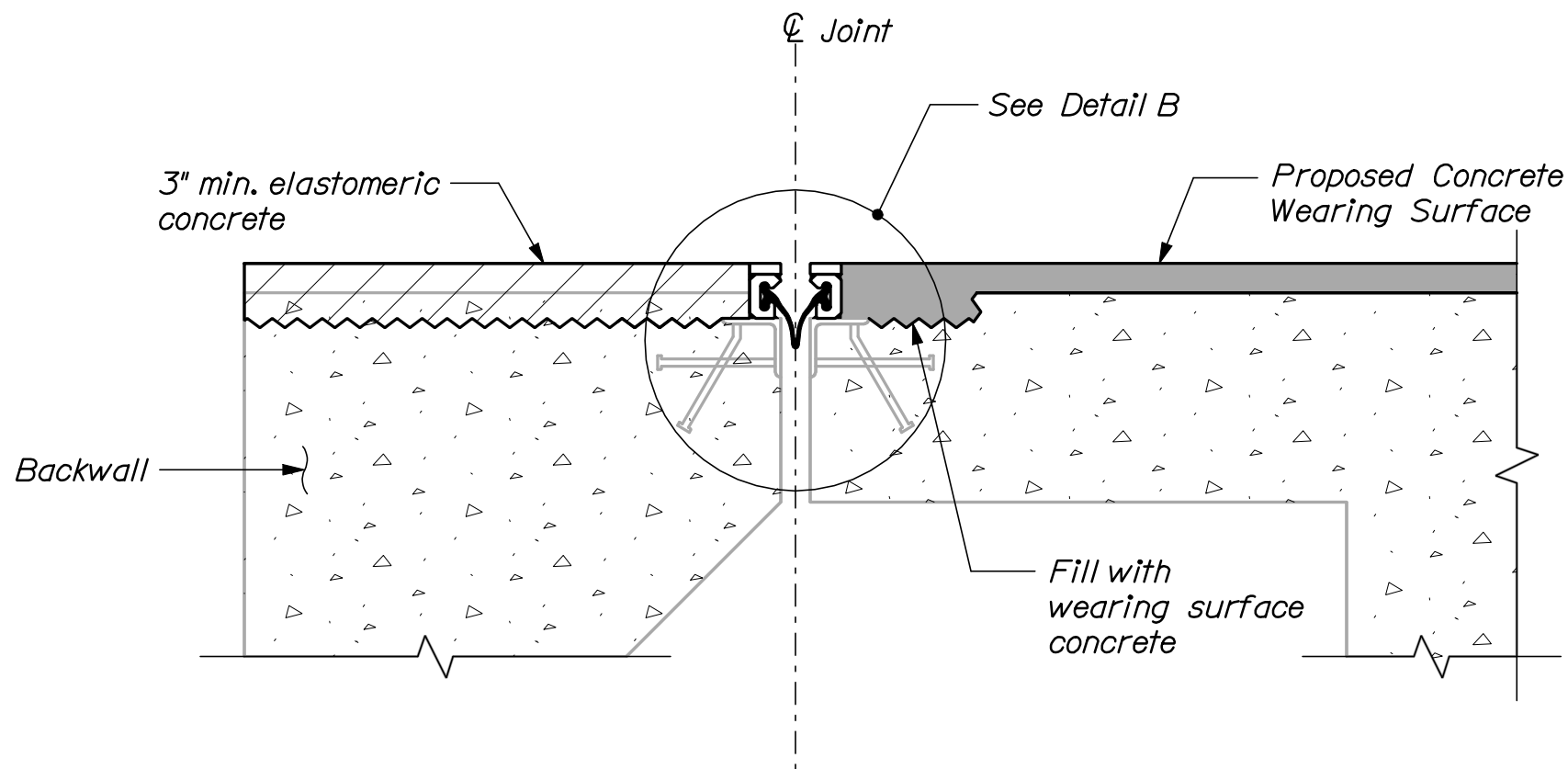
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DEMOLITION



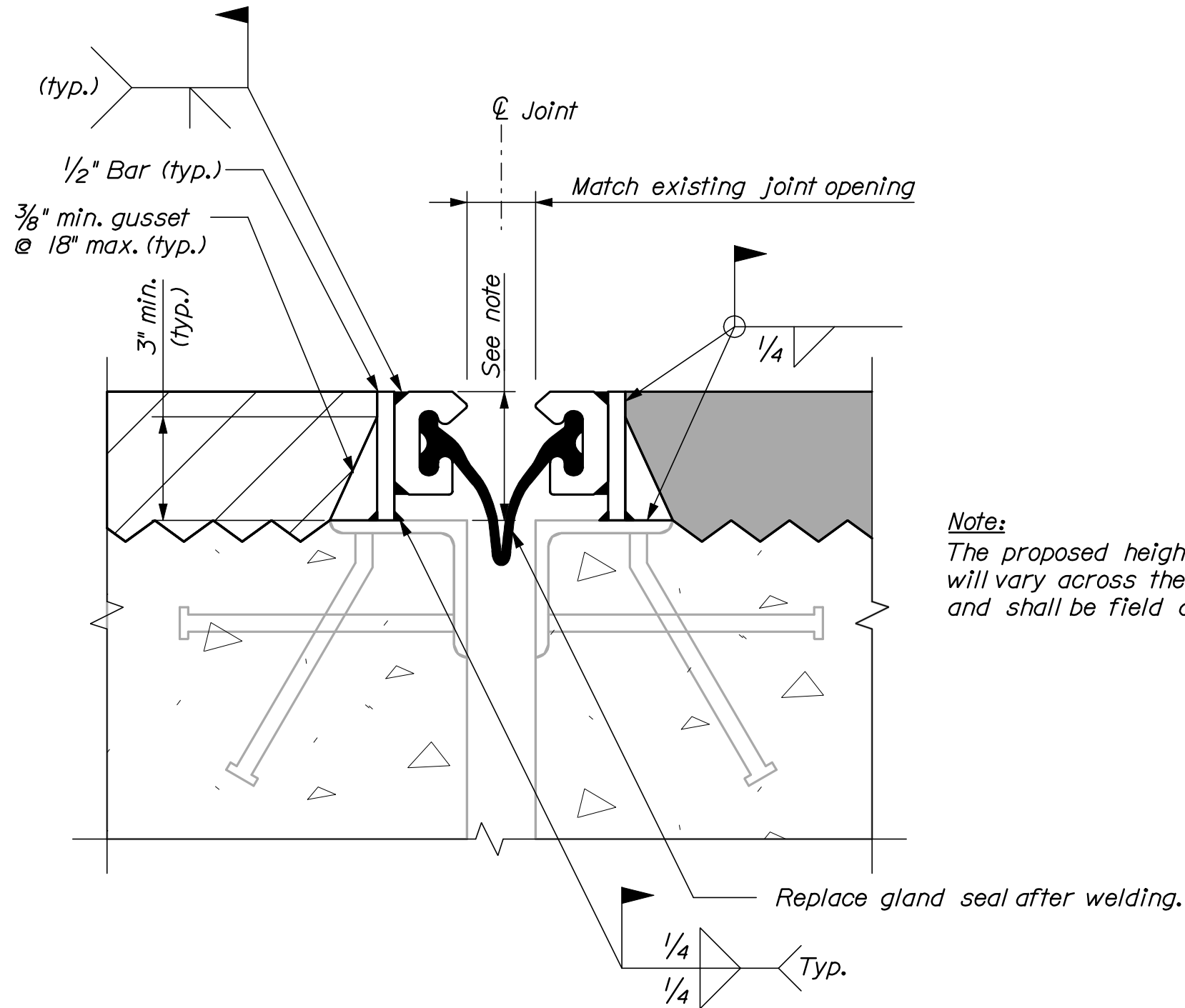
CONSTRUCTION - WASHINGTON AVENUE SOUTH ABUTMENT



CONSTRUCTION - WASHINGTON AVENUE NORTH ABUTMENT

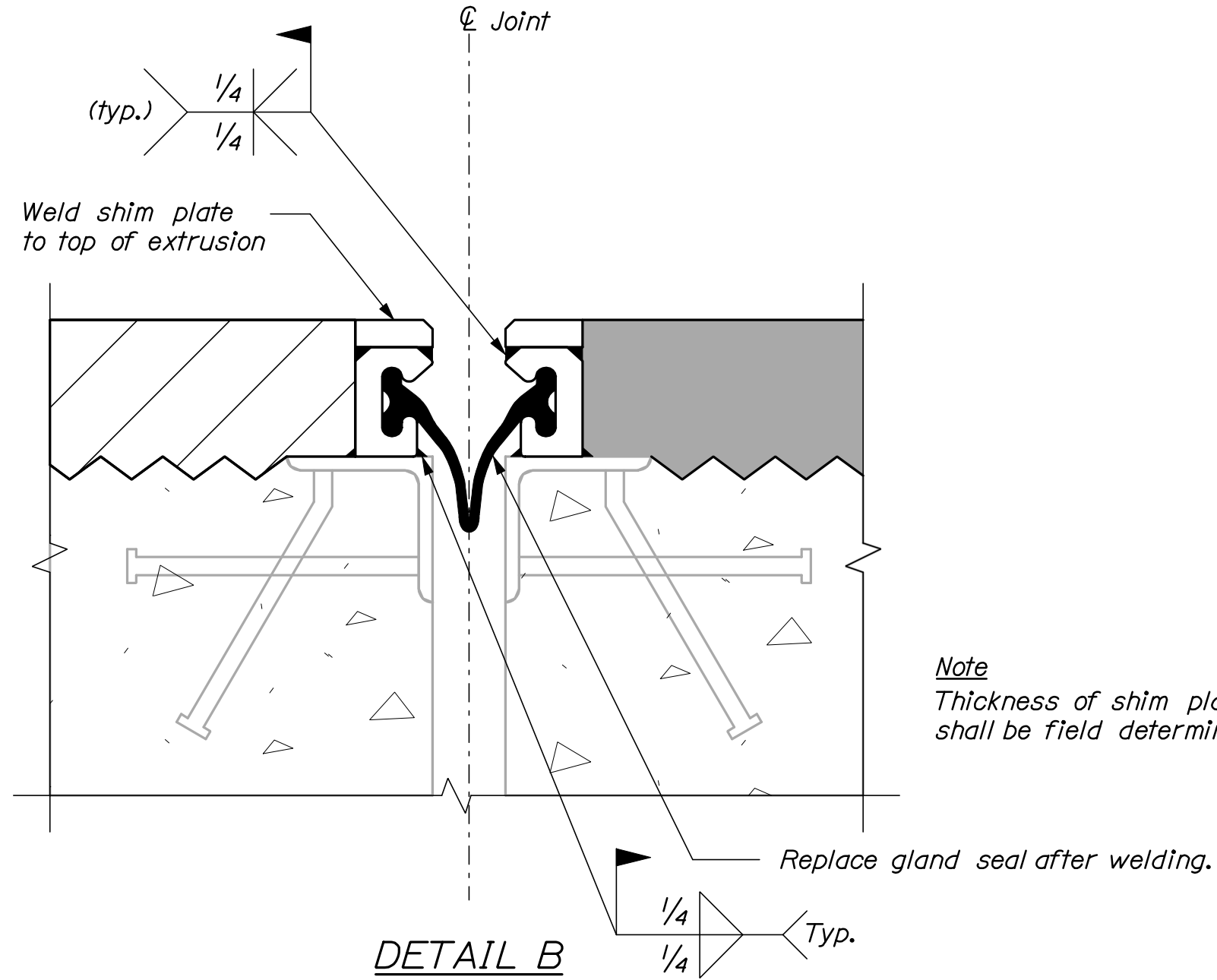
JOINT MODIFICATION TYPE 4

1" = 1'-0"



DETAIL A

3" = 1'-0"



DETAIL B

3" = 1'-0"

LEGEND

[Symbol] Approximate limit of concrete and reinforcing steel removal

NOTES

1. Refer to Standard Details Section 520 for details and information not shown.
2. All concrete surfaces where elastomeric concrete is to be applied shall have a 1/4-in. minimum anchor profile or roughened surface.
3. Elastomeric concrete shall be applied according to the manufacturer's recommendations.
4. All new steel supplied for the bridge joint modification shall be uncoated.
5. The Contractor shall be fully responsible for selecting the appropriate seal based on the movement rating from the approved products list.
6. Removal and replacement of existing header concrete shall be completed along the full width of the roadway. Bridge joint armor and extrusion modifications shall extend to the limits described on sheet 9. Replacement seals shall be full width.

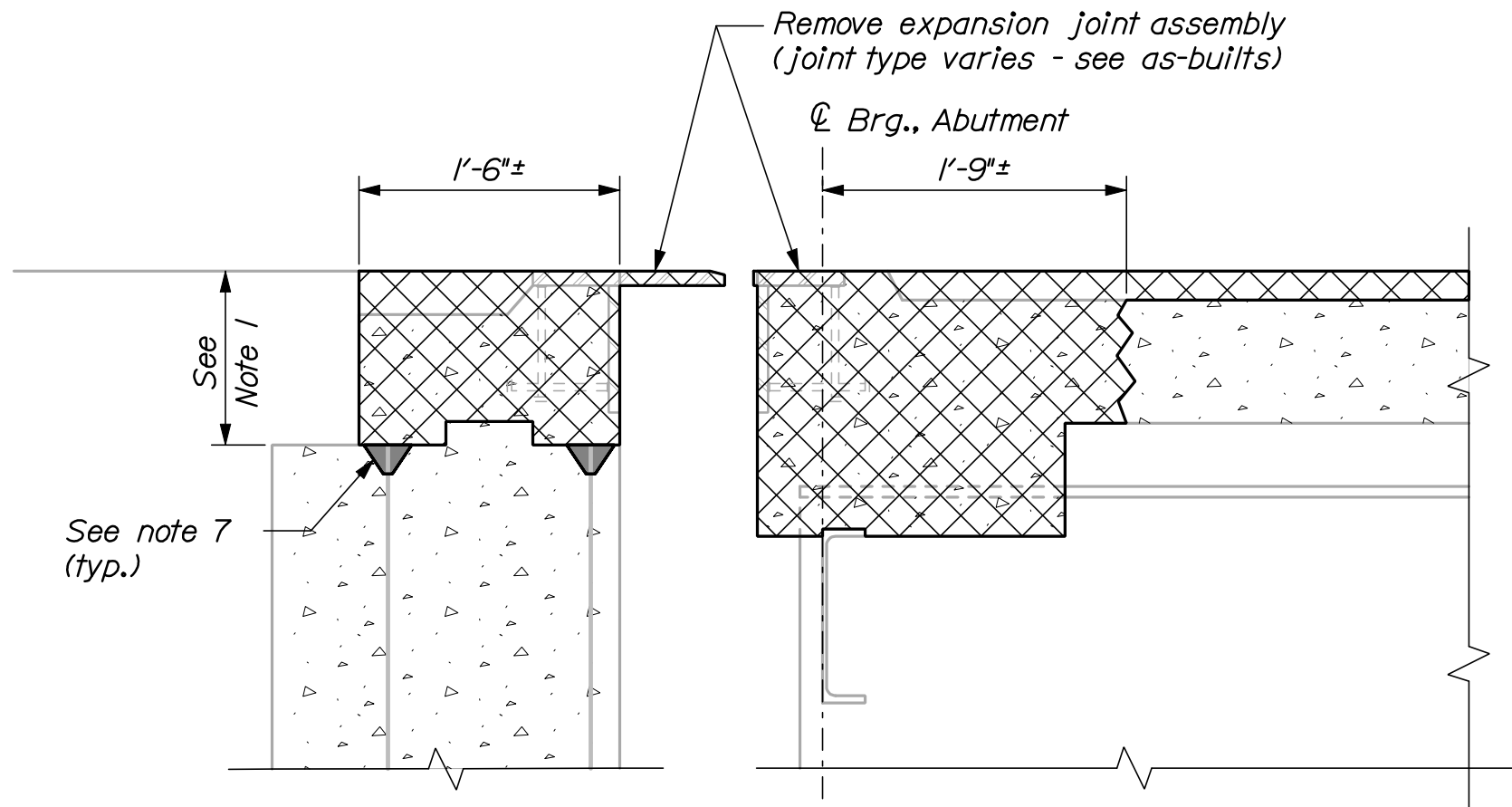
STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E	BRIDGE NO. Varies		PIN 17793.00		BRIDGE PLANS	
	SIGNATURE		P.E. NUMBER		DATE	
	DATE		BY		DOE	
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORTLAND CUMBERLAND COUNTY	PROJ. MANAGER	CHEKED-REVIEWED	CAH	TRC	03/10	03/10
	DESIGNED-DETAILED	DESIGNED-DETAILED	-	-	-	-
	REVISIONS 1	REVISIONS 2	-	-	-	-
	REVISIONS 3	REVISIONS 4	-	-	-	-
	FIELD CHANGES	FIELD CHANGES	-	-	-	-
JOINT MODIFICATION DETAILS III		SHEET NUMBER				
		23				
		OF 55				

Date: 3/26/2010

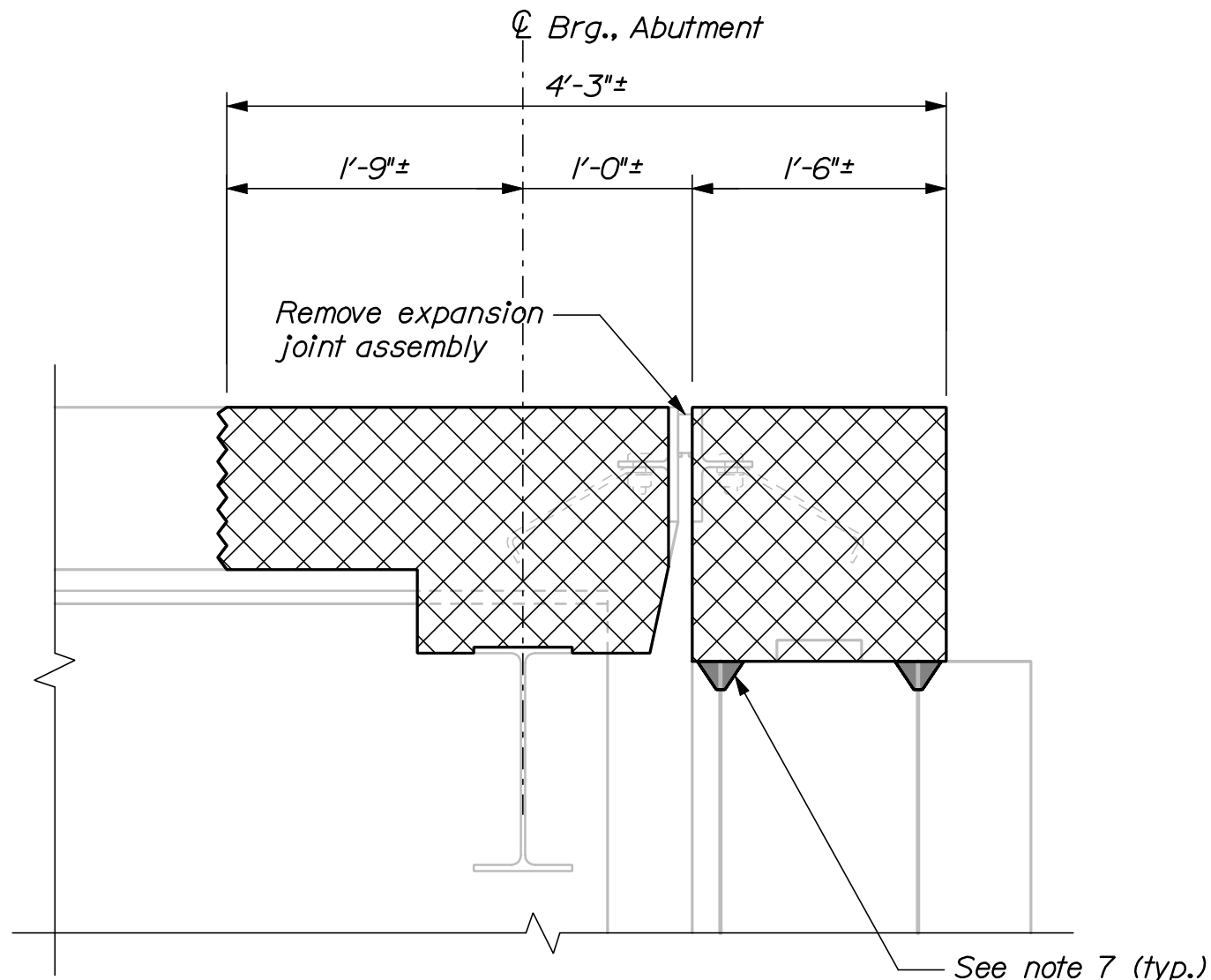
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Division: BRIDGE

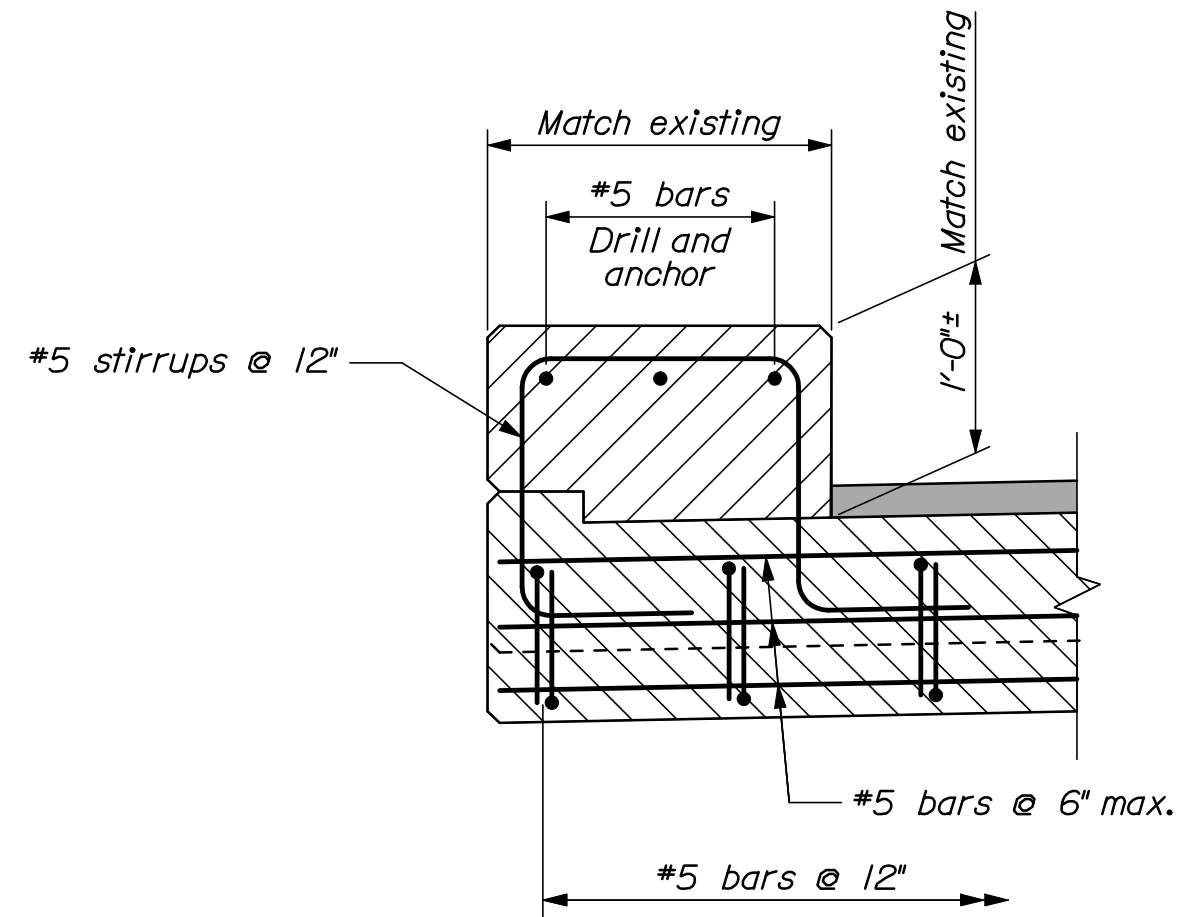
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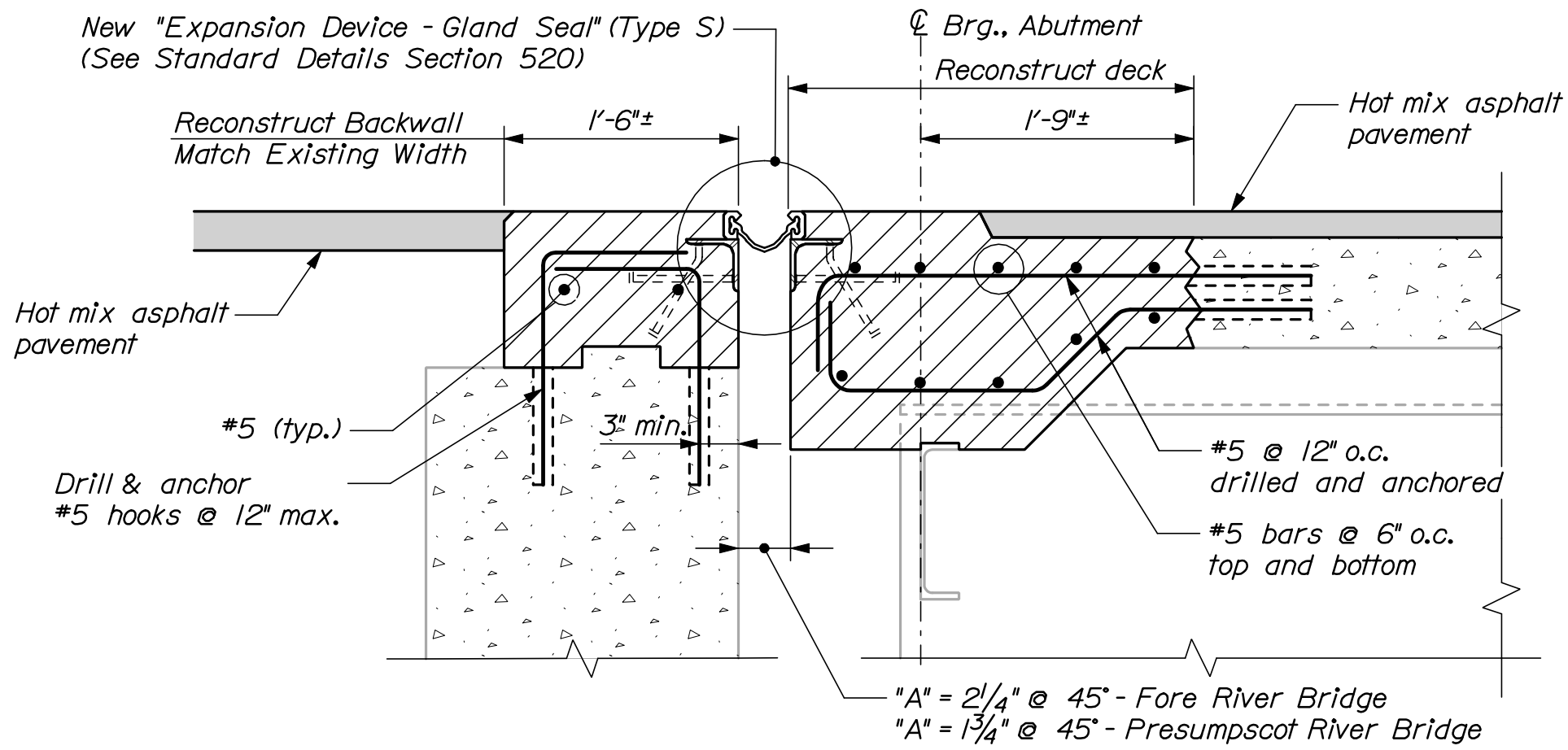
DEMOLITION



DEMOLITION

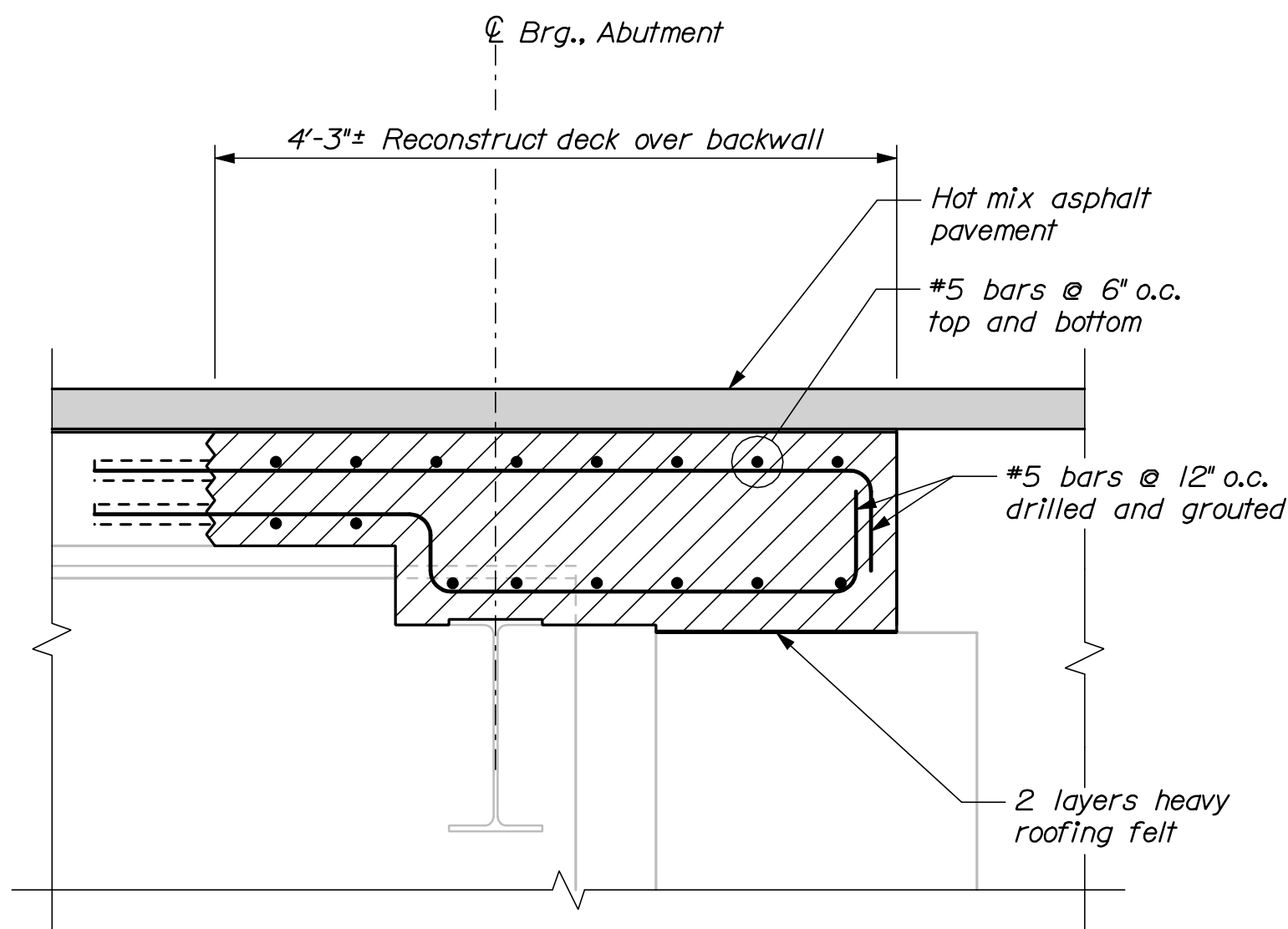


RECONSTRUCTED CURB & OVERHANG DETAIL
1" = 1'-0"



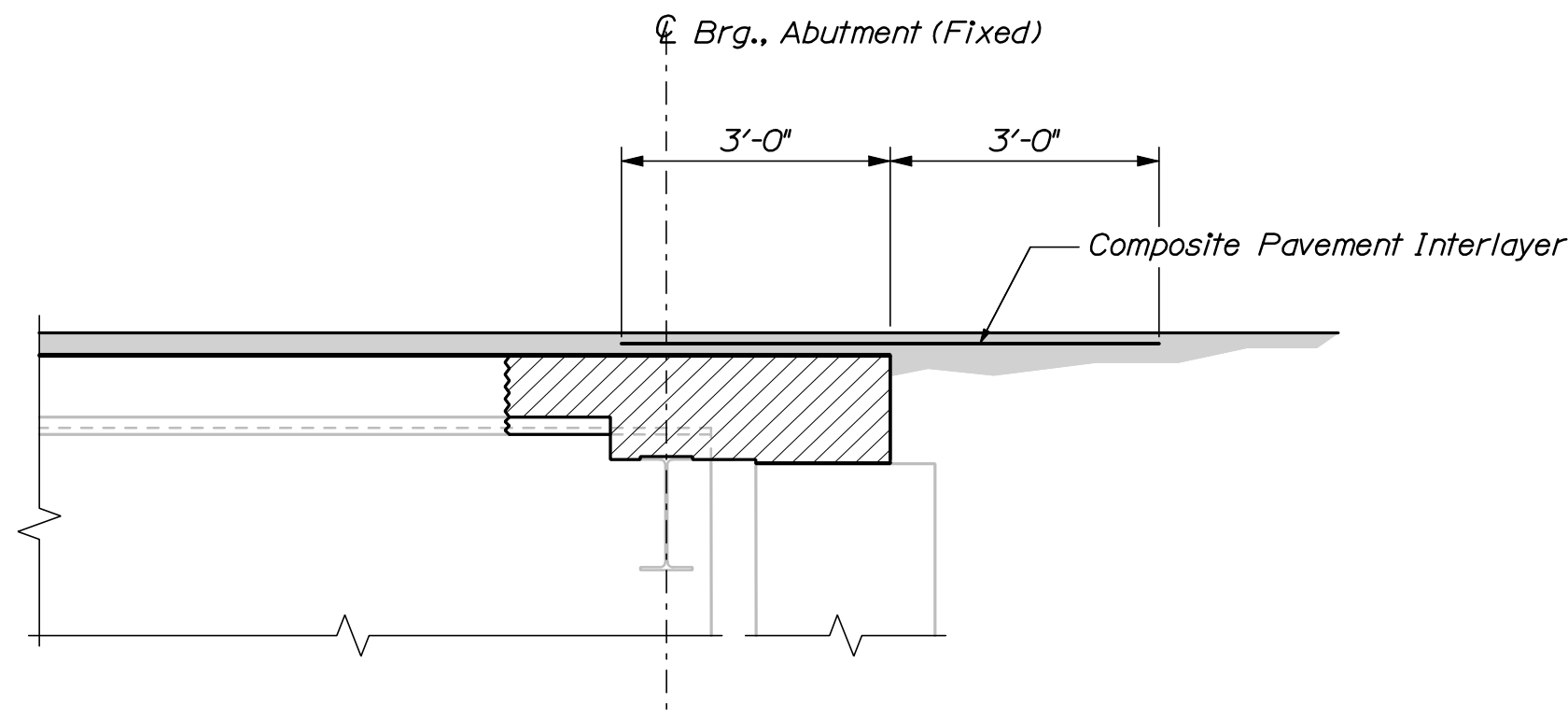
CONSTRUCTION

JOINT MODIFICATION TYPE 5
(See also "Reconstructed Curb & Overhang Detail")
1" = 1'-0"



CONSTRUCTION

JOINT MODIFICATION TYPE 6
(See also "Reconstructed Curb & Overhang Detail")
1" = 1'-0"



COMPOSITE PAVEMENT INTERLAYER
Typical of all existing or reconstructed slab-over-backwall locations

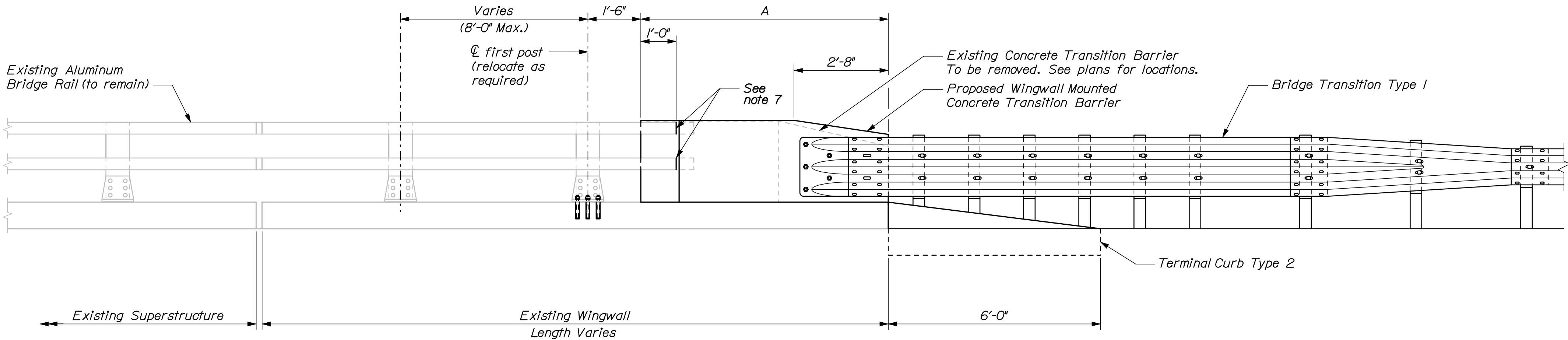
LEGEND

Approximate limit of concrete and reinforcing steel removal

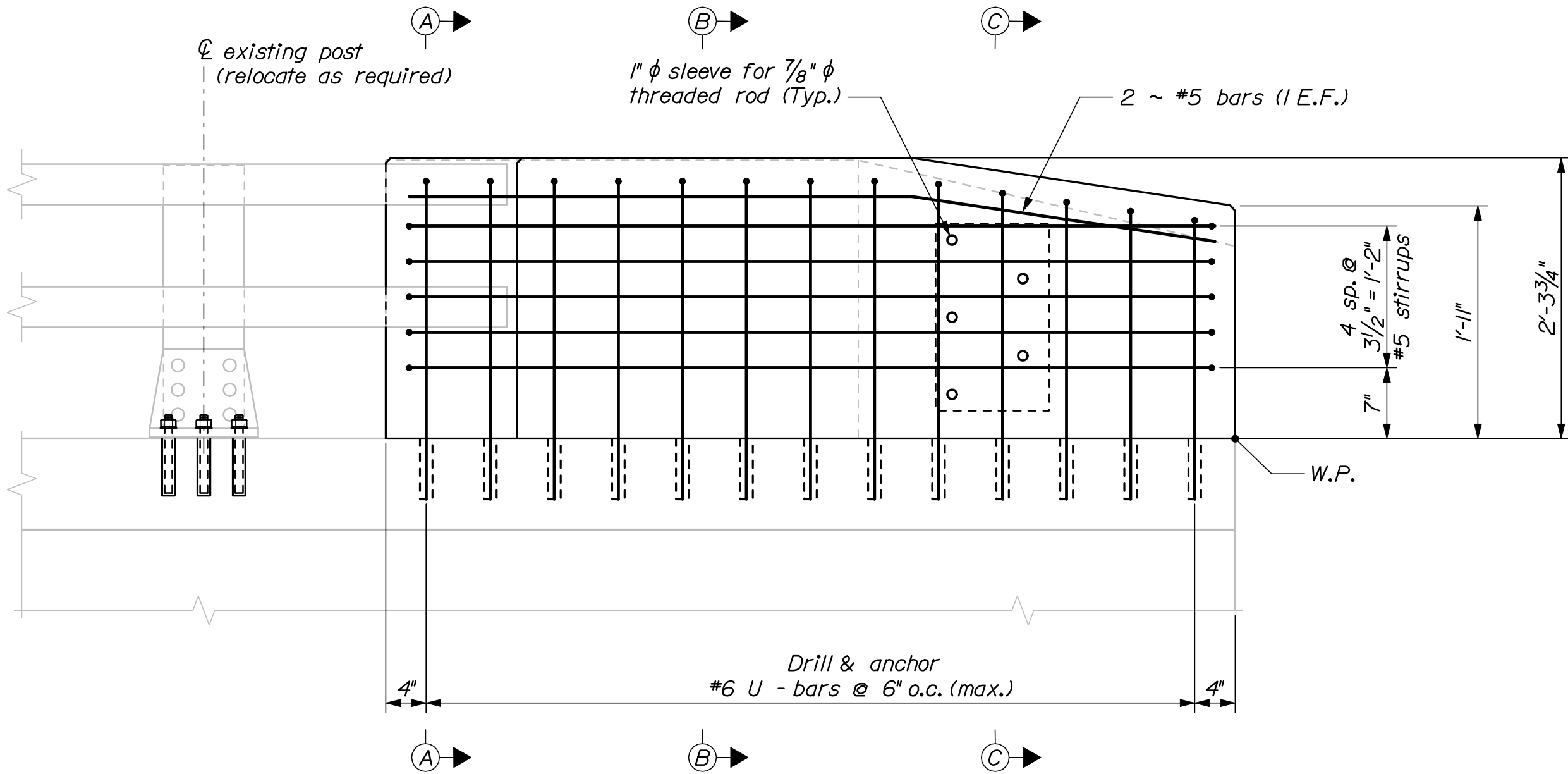
NOTES

- Minimum depth of backwall reconstruction shall be to backwall construction joint or solid concrete, whichever is greater.
- Refer to Standard Details Section 520 for details and information not shown.
- All concrete surfaces where elastomeric concrete is to be applied shall have a 1/4-in. minimum anchor profile or roughened surface.
- Elastomeric concrete shall be applied according to the manufacturer's recommendations.
- All new steel supplied for the bridge joint modification shall be uncoated.
- The Contractor shall be fully responsible for selecting the appropriate seal based on the movement rating from the approved products list.
- After demolishing the existing backwall concrete the existing reinforcing steel shall be cut 2" below the demolished surface. The contractor shall chip localized areas of concrete as required to allow the bars to be cut and then fill the depressions with grout to provide a flush surface. Following demolition of the backwall concrete the top of backwall surface shall receive a thin layer of patching mortar to provide a smooth uniform surface on which to cast the slab-over-backwall. The patching mortar shall be selected from Maine DOT's qualified products list.

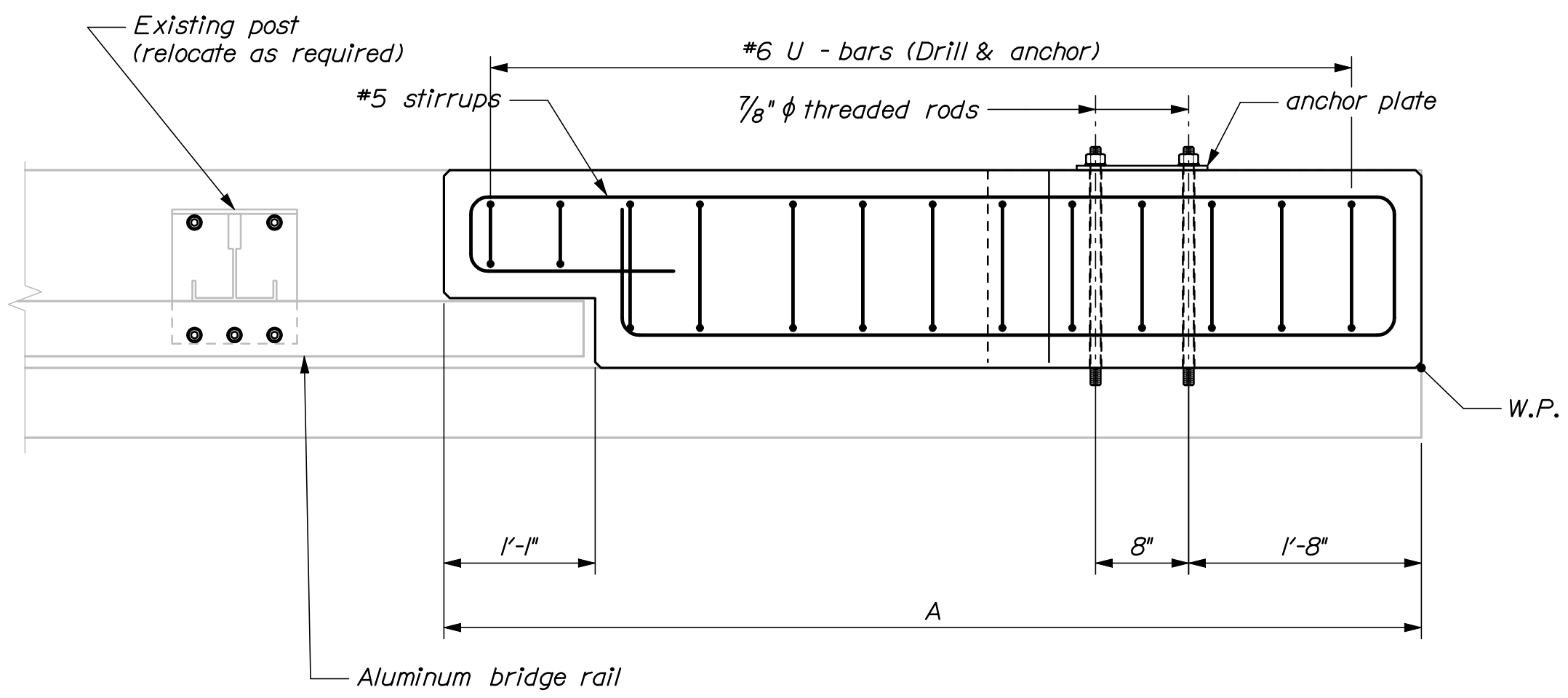
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORTLAND CUMBERLAND COUNTY			PROJ. MANAGER		DOC	BY	DATE
JOINT MODIFICATION DETAILS IV			DESIGN-DETAILED	CAH	—	RWH	03\10
			CHECKED-REVIEWED	TRC	—	—	03\10
			DESIGN2-DETAILED2	—	—	—	—
			DESIGN3-DETAILED3	—	—	—	—
			REVISIONS 1	—	—	—	—
			REVISIONS 2	—	—	—	—
			REVISIONS 3	—	—	—	—
			REVISIONS 4	—	—	—	—
			FIELD CHANGES	—	—	—	—
STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E BRIDGE NO. Varies PIN 17793.00 BRIDGE PLANS							



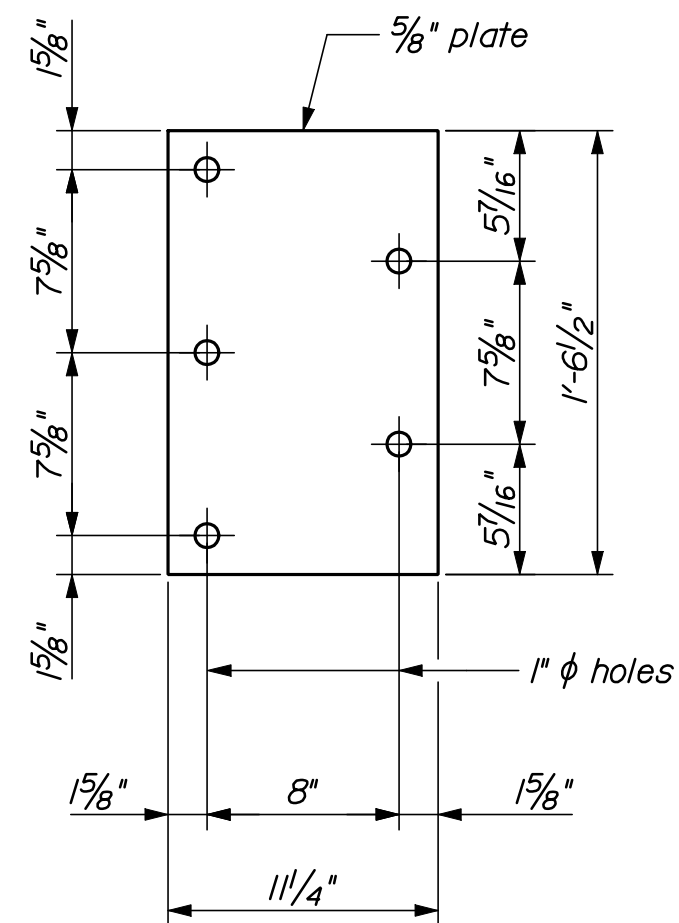
CONCRETE TRANSITION BARRIER (TYPE I)
Roadway elevation shown



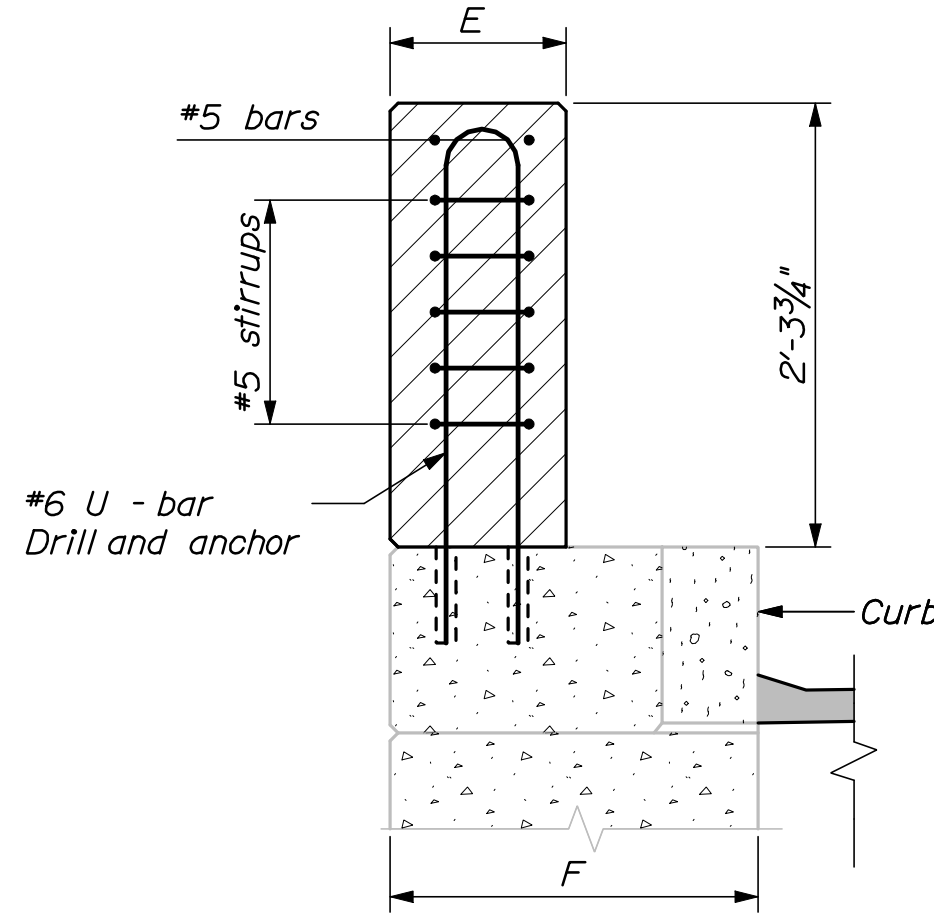
TRANSITION BARRIER ELEVATION
Roadway elevation shown



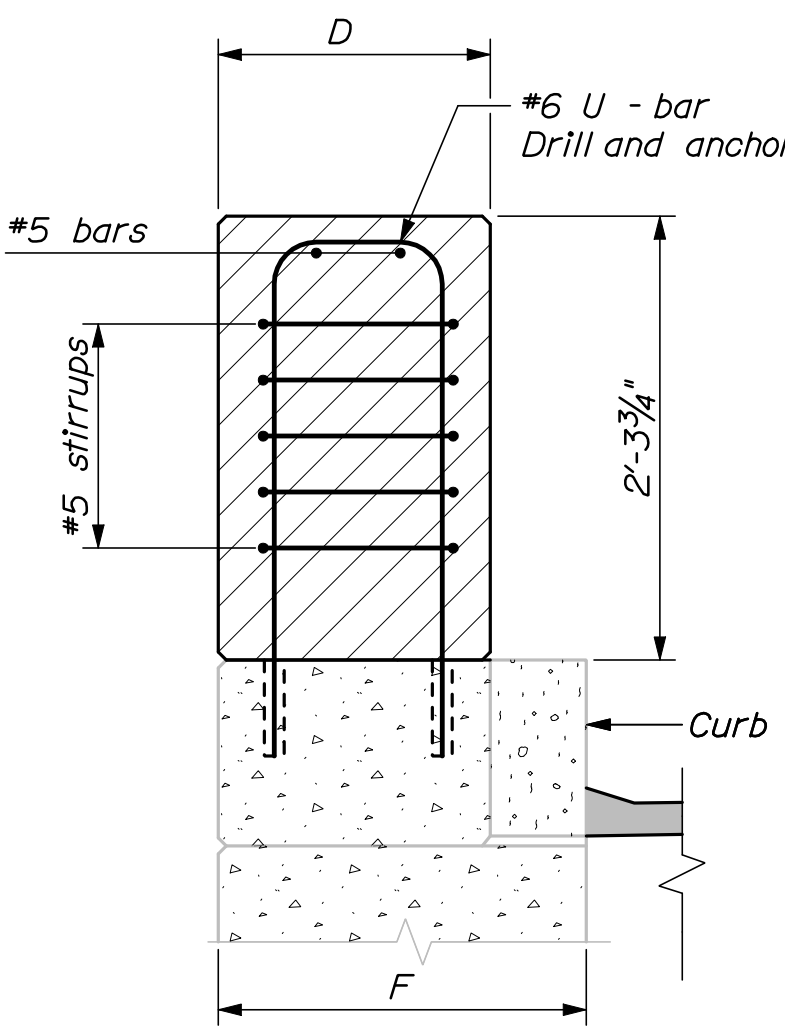
TRANSITION BARRIER PLAN



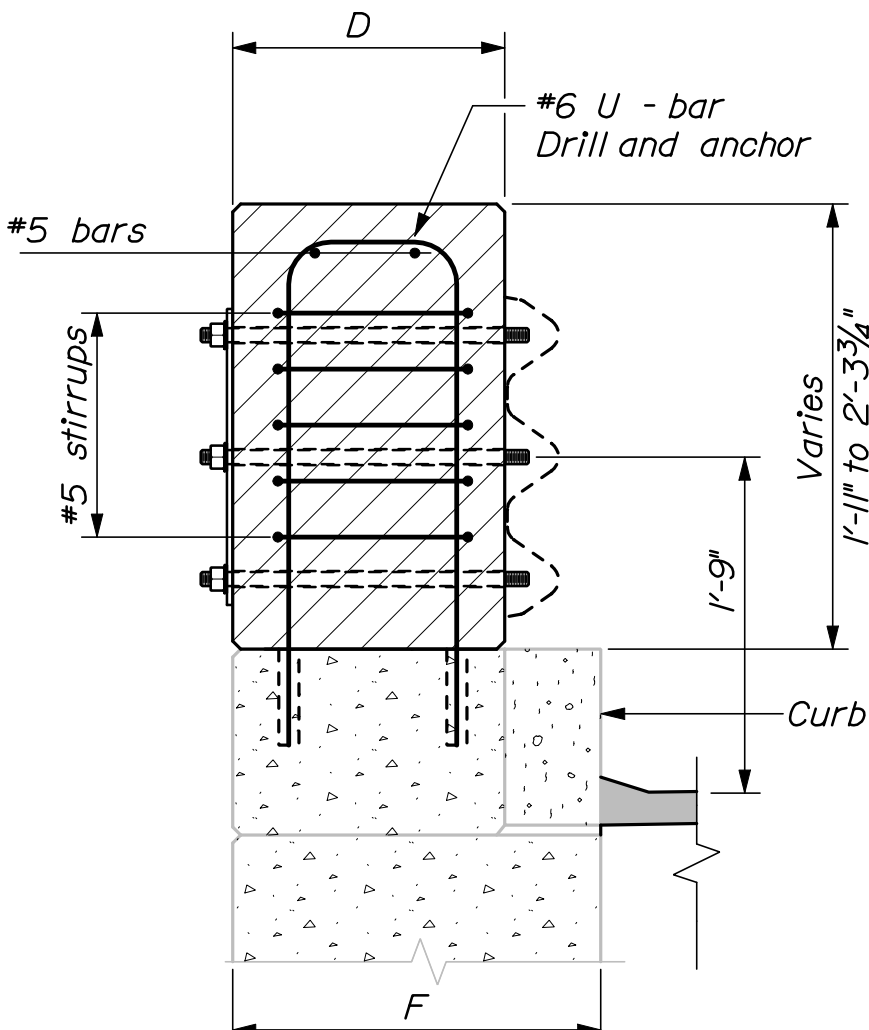
ANCHOR PLATE



SECTION A-A



SECTION B-B



SECTION C-C

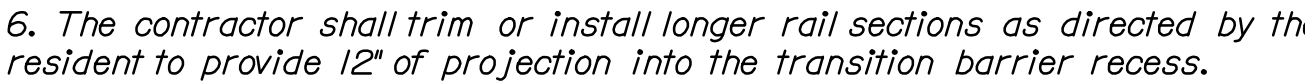
CONCRETE TRANSITION BARRIER NOTES

1. Refer to Standard Details Section 526 - Concrete Transition Barrier for details and information not shown.
2. Reinforcing steel for the Transition Barriers is based on details shown in the Standard Details. Reinforcing steel shall be modified to fit the details and conditions shown on the plans. Payment for modifying reinforcing steel and for drilling and anchoring bars as shown will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.
3. Anchor plates and threaded rods shall be galvanized in accordance with the Standard Specifications and the Standard Details.
4. The bridge rail post bolt anchorage system shall be from MaineDOT's Qualified Products List or an approved equal. The Contractor shall submit the proposed system to the Resident for review prior to use. The bolt anchorages shall be installed in strict accordance with the selected manufacturer's recommendations. The anchor bolts shall have an ultimate tension capacity of 30 kips. Payment for bridge rail post relocation and associated materials, equipment, labor and incidentals necessary to complete the work will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.
5. The contractor shall locate existing curb reinforcing steel and conduit and adjust dowel and bridge rail post anchor stud locations to avoid cutting existing bars and damaging existing electrical conduit. Any adjustments from plan dimensions shall be approved by the Resident.
6. The contractor shall reconstruct the existing curb at the Presumpscot River Bridge prior to completing the required endpost modifications. See Plan and Transverse Section sheet for details.
7. The contractor shall trim or install longer rail sections as directed by the resident to provide 12" of projection into the transition barrier recess.

Bridge #	Bridge	Location	A	D	E	F
1505	Presumpscot River	All Locations	7'-0"	1'-4"	11"	1'-10"
0816	Washington Avenue	Approach Travel Lane	6'-10"	1'-4"	11"	1'-10"
0816	Washington Avenue	Departure Travel Lane	6'-9"	1'-4"	11"	1'-10"
6300	Franklin Arterial	Approach Travel Lane	6'-5"	1'-4"	11"	1'-11"
6300	Franklin Arterial	Departure Travel Lane	6'-6"	1'-4"	11"	1'-11"
6298	Forest Avenue	Approach Travel Lane	6'-5"	1'-4"	11"	1'-11"
6298	Forest Avenue	Departure Travel Lane	6'-4"	1'-4"	11"	1'-11"
6297	St. John Street	Approach Travel Lane	6'-6"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6294	Congress St./Park Ave.	Approach Travel Lane	6'-2"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6294	Congress St./Park Av.	Departure Travel Lane	6'-4"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6292	Portland Connector	Approach Travel Lane	7'-9"	1'-4"	11"	1'-11"
6292	Portland Connector	Departure Travel Lane	7'-11"	1'-4"	11"	1'-11"
6291	PTRR (Fore River)	Approach Travel Lane	7'-9"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6291	PTRR (Fore River)	Departure Travel Lane	5'-7"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6281	Fore River	Approach Travel Lane	8'-0"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6281	Fore River	Departure Travel Lane	8'-0"	1'-3 1/2"	10 1/2"	1'-9 1/2"

INTERSTATE 295 SOUTHBOUND
FALMOUTH TO S.PORTLAND
CUMBERLAND COUNTY
CONCRETE TRANSITION BARRIER
(TYPE 1)

PROJ. MANAGER	DATE	BY	DOE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	03/10	RWH	CAH			
CHECKED-REVIEWED	03/10		TRC			
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						



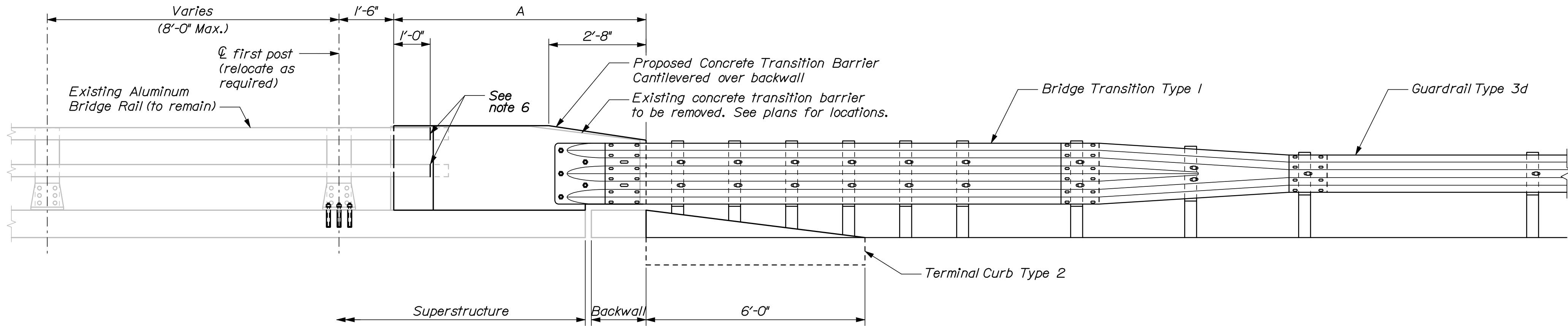
Roadway elevation shown



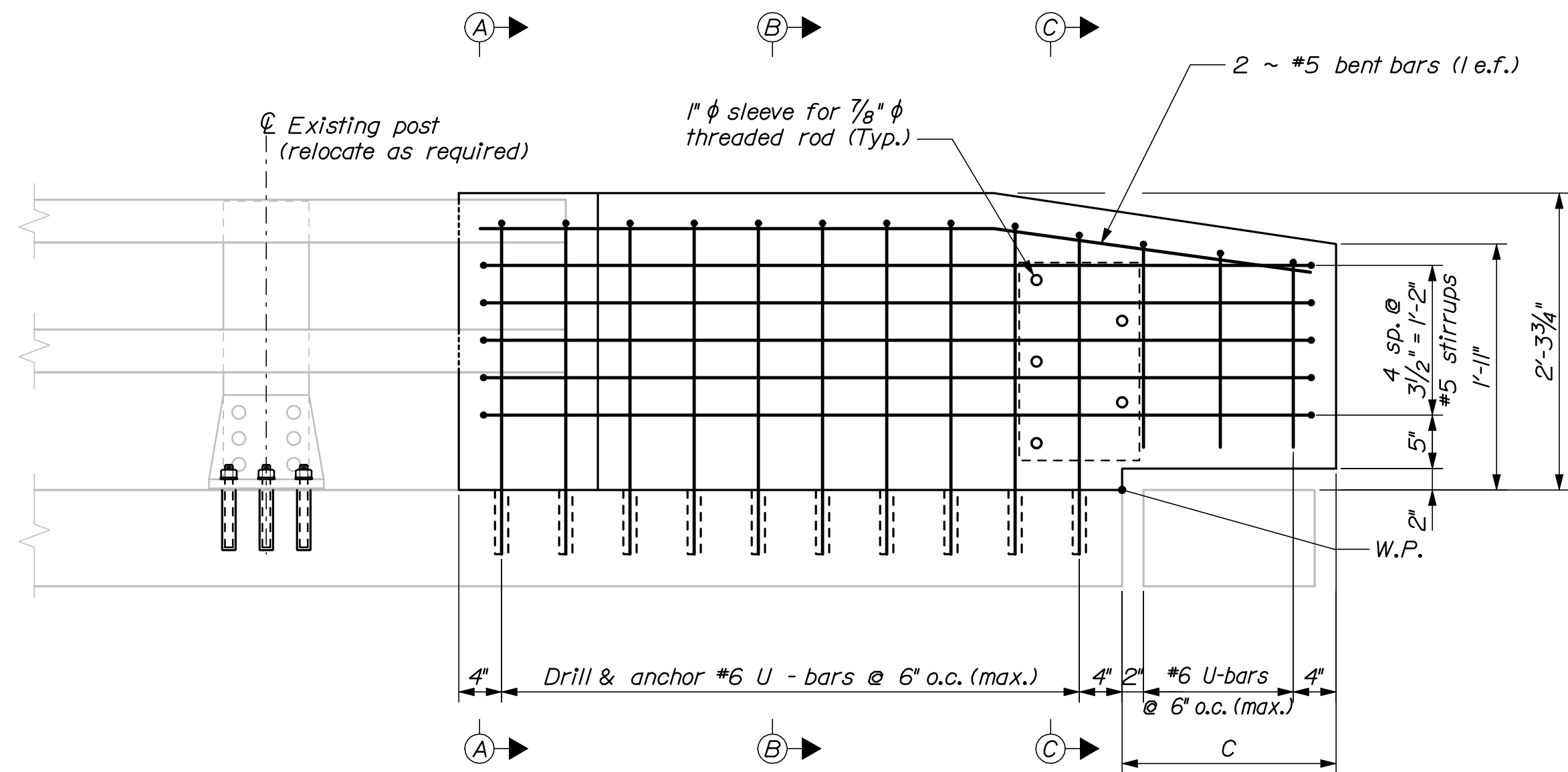
Roadway elevation shown.



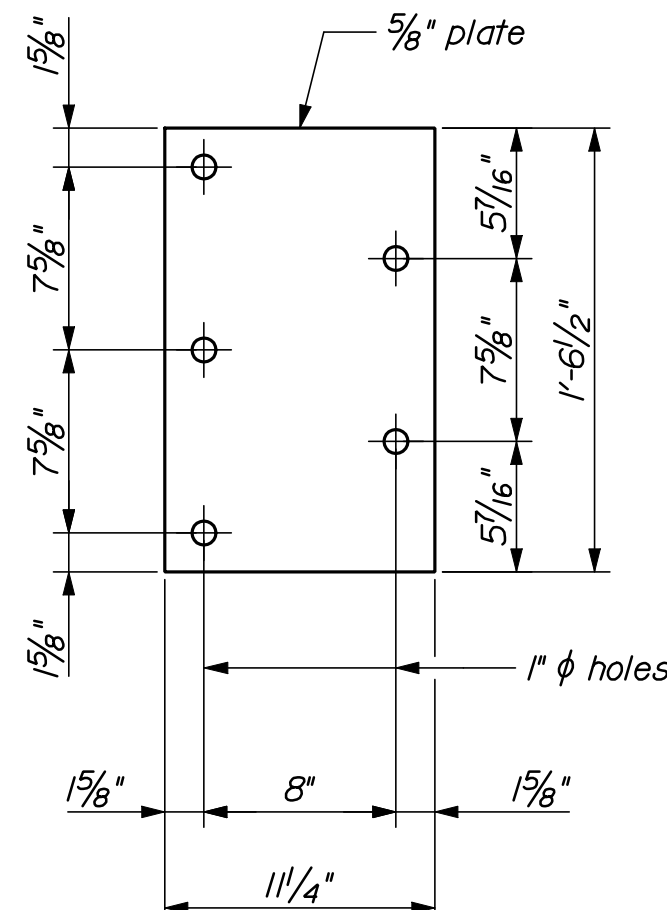
TRANSITION BARRIER PLAN



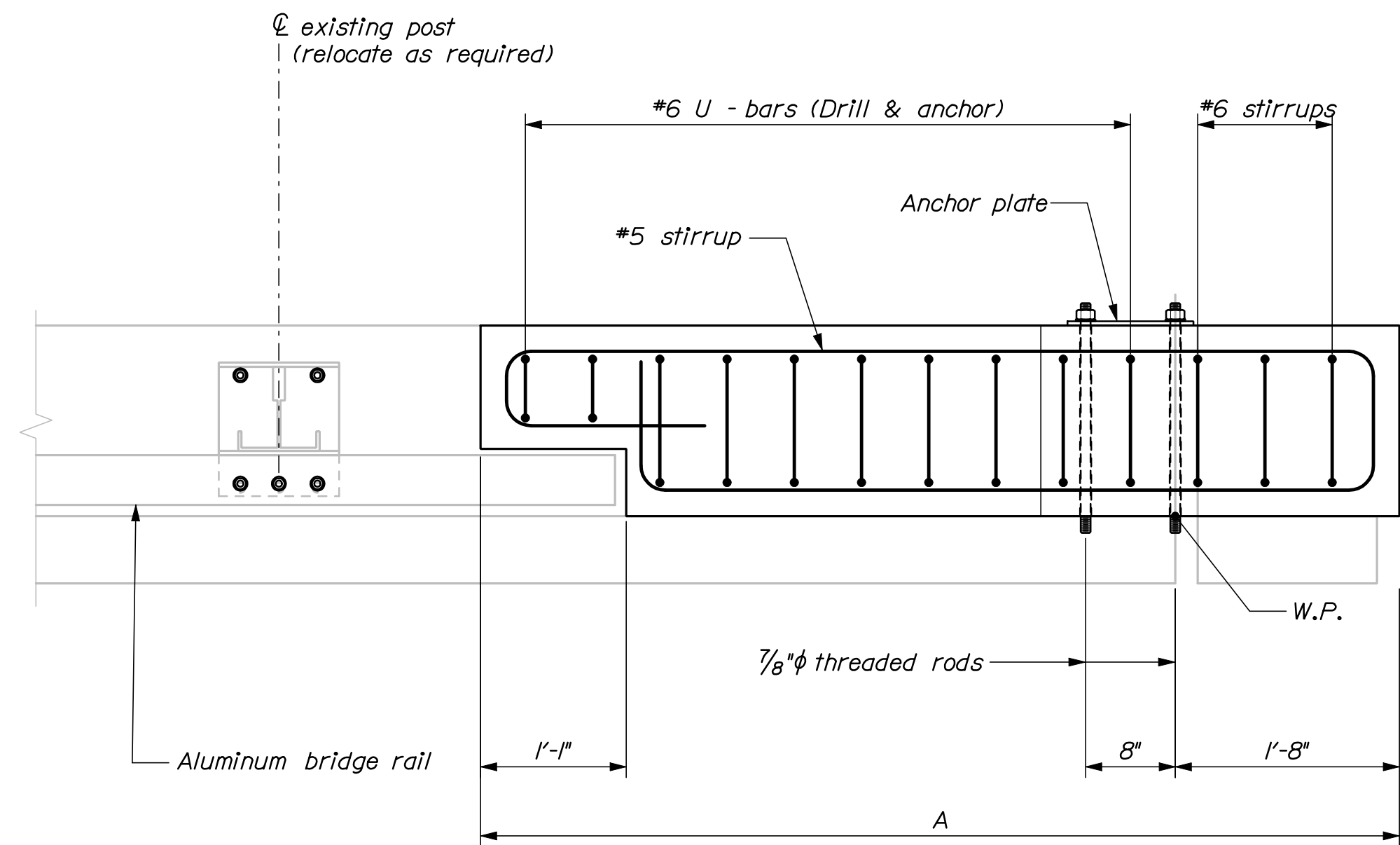
CONCRETE TRANSITION BARRIER (TYPE 3A)
Roadway elevation shown



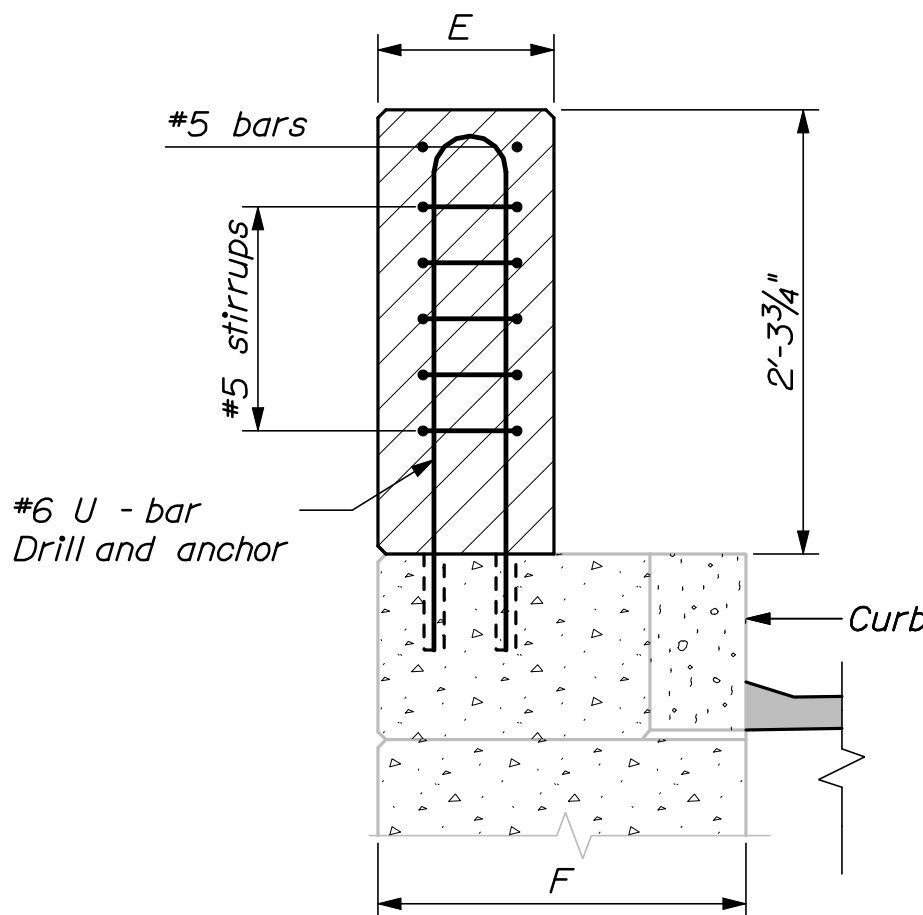
TRANSITION BARRIER ELEVATION
Roadway elevation shown



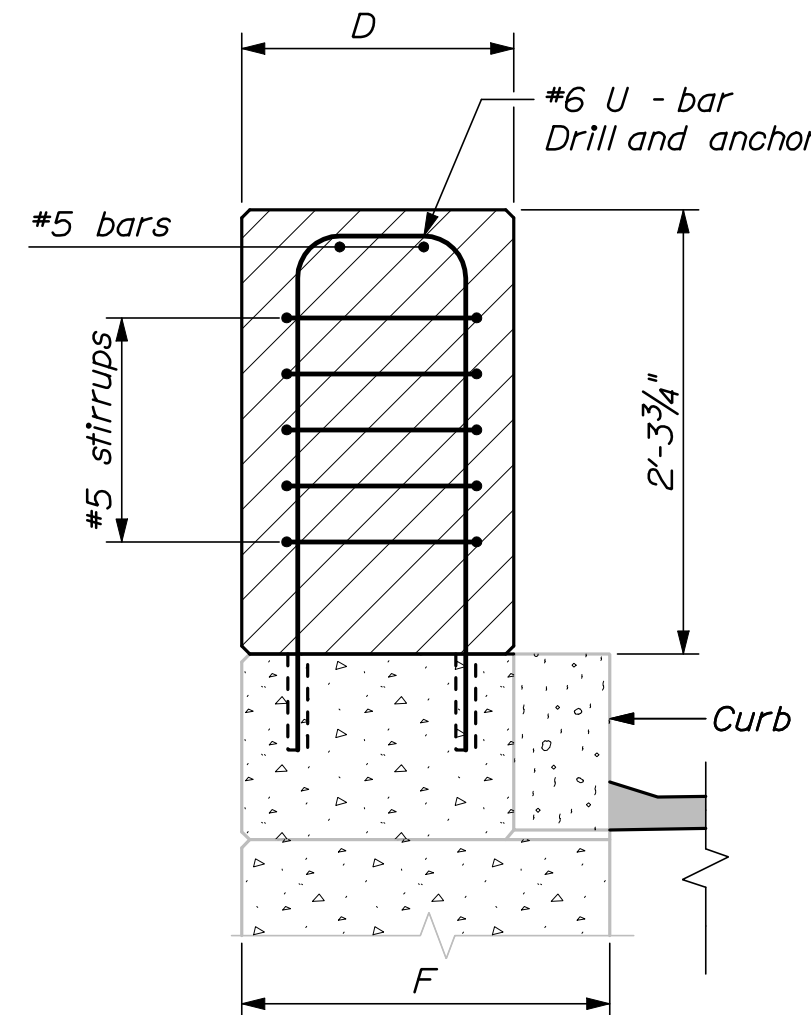
ANCHOR PLATE



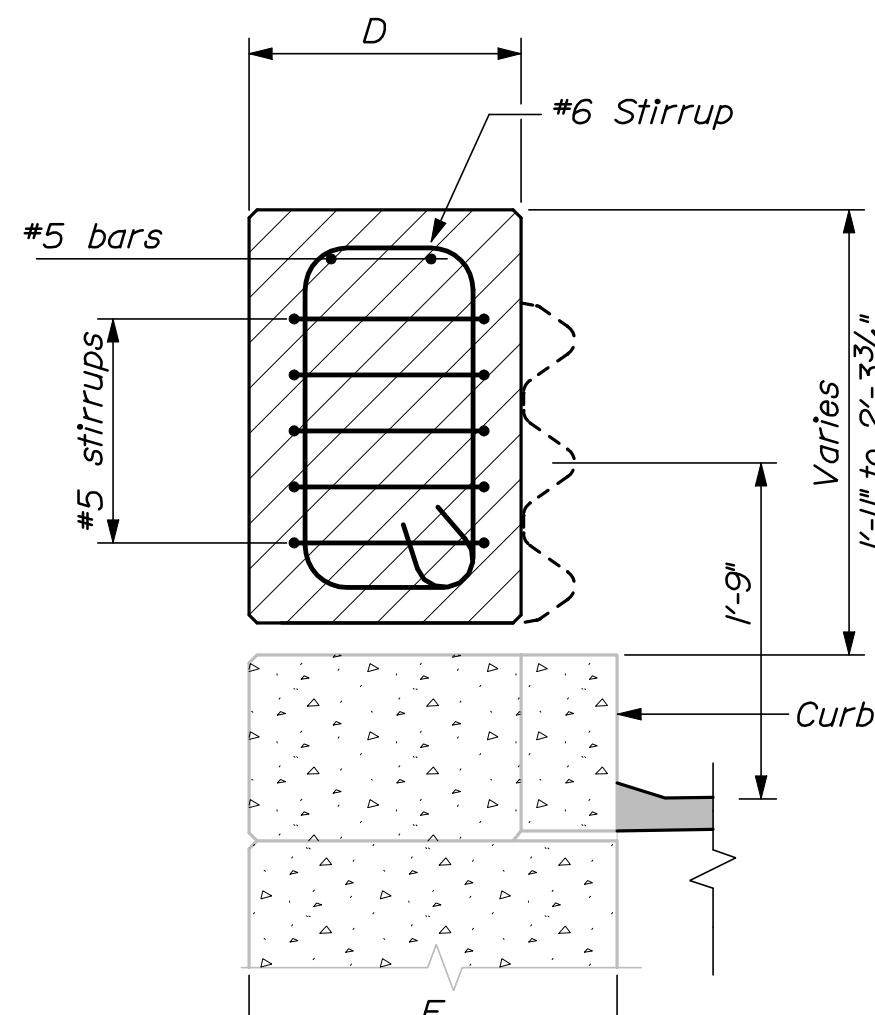
TRANSITION BARRIER PLAN



SECTION A-A



SECTION B-B



SECTION C-C

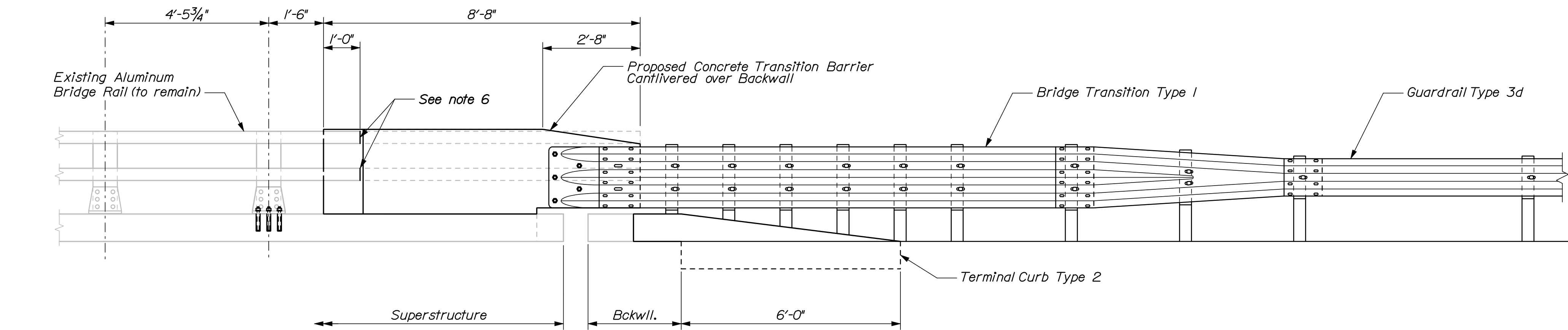
CONCRETE TRANSITION BARRIER NOTES

1. Refer to Standard Details Section 526 - Concrete Transition Barrier for details and information not shown.
2. Reinforcing steel for the Transition Barriers is based on details shown in the Standard Details. Reinforcing steel shall be modified to fit the details and conditions shown on the plans. Payment for modifying reinforcing steel and for drilling and anchoring bars as shown will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.
3. Anchor plates and threaded rods shall be galvanized in accordance with the Standard Specifications and the Standard Details.
4. The bridge rail post bolt anchorage system shall be from MaineDOT's Qualified Products List or an approved equal. The Contractor shall submit the proposed system to the Resident for review prior to use. The bolt anchorages shall be installed in strict accordance with the selected manufacturer's recommendations. The anchor bolts shall have an ultimate tension capacity of 30 kips. Payment for bridge rail post relocation and associated materials, equipment, labor and incidentals necessary to complete the work will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.
5. The contractor shall locate existing curb reinforcing steel and conduit and adjust dowel and bridge rail post anchor stud locations to avoid cutting existing bars. Any adjustments from plan dimensions shall be approved by the Resident.
6. The contractor shall trim or install longer rail sections as directed by the resident to provide 12' of projection into the transition barrier recess.

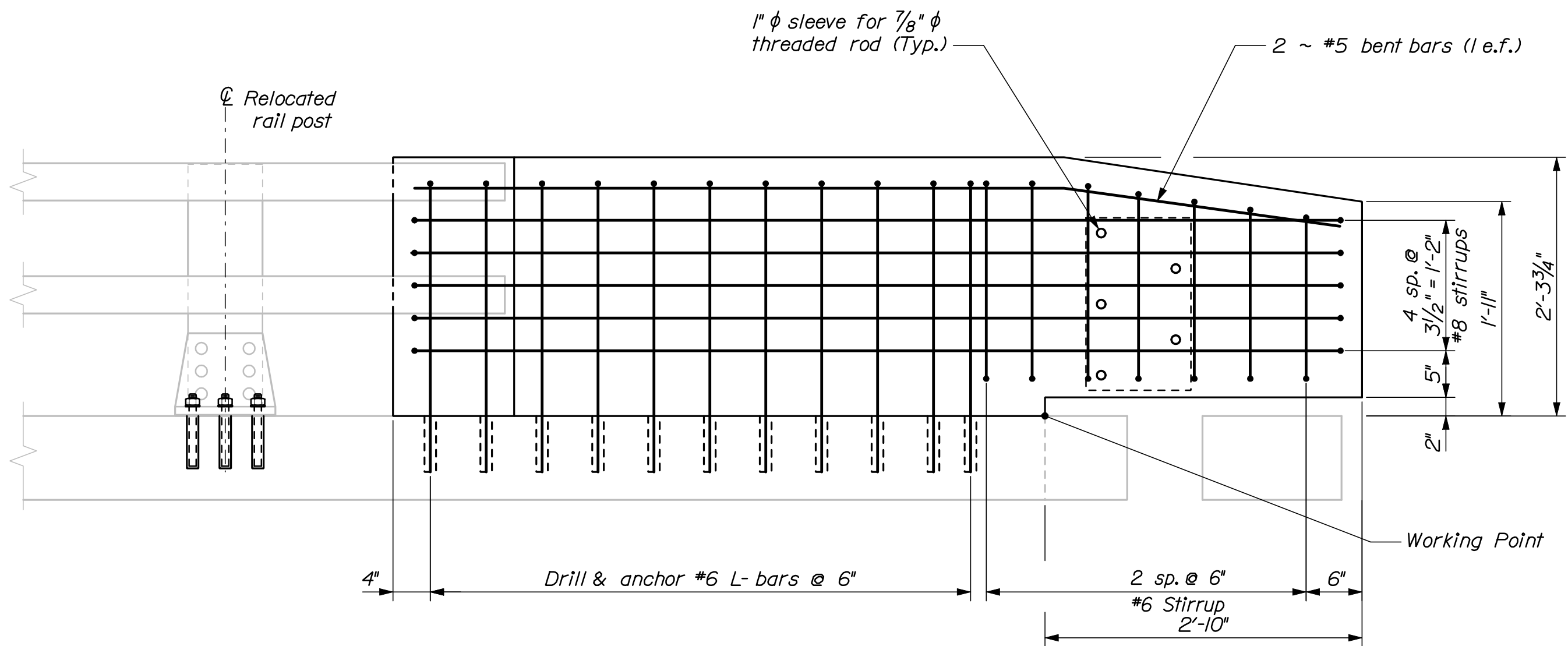
Bridge #	Bridge	Location	A	C	D	E	F
6300	Franklin Arterial	Departure Passing Lane	6'-4"	1'-11"	1'-4"	11"	1'-11"
6298	Forest Avenue	Departure Passing Lane	6'-4"	2'-0"	1'-4"	11"	1'-11"
6297	St. John Street	Approach Passing Lane	7'-10"	2'-0"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6295	St. James Street	Departure Travel Lane	6'-4"	1'-7"	1'-4"	11"	1'-11"
6295	St. James Street	Departure Passing Lane	6'-4"	2'-3"	1'-4"	11"	1'-11"
6294	Congress St./Park Av.	Departure Passing Lane	6'-4"	1'-8"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6292	Portland Connector	Approach Passing Lane	6'-4"	1'-9"	1'-4"	11"	1'-11"
6292	Portland Connector	Departure Passing Lane	6'-4"	2'-3"	1'-4"	11"	1'-11"
6291	PTRR (Fore River)	Departure Passing Lane	6'-4"	2'-2"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6249	Westbrook Street	Departure Travel Lane	6'-4"	1'-9"	1'-3 1/2"	9 1/2"	1'-9 1/2"
6249	Westbrook Street	Departure Passing Lane	6'-4"	1'-10"	1'-3 1/2"	9 1/2"	1'-9 1/2"
1513	8239E (Route 703)	Approach Travel Lane	6'-9"	2'-1"	1'-4"	11"	1'-11"
1513	8239E (Route 703)	Departure Travel Lane	6'-8"	2'-1"	1'-4"	11"	1'-11"

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	IM-1779(300)E	PIN 17793.00	BRIDGE NO. As Noted	BRIDGE PLANS									
					PROJ. MANAGER	CHECKED-REVIEWED	DESIGN-REVIEWED	DESIGN-REVIEWED	REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	FIELD CHANGES
					DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE

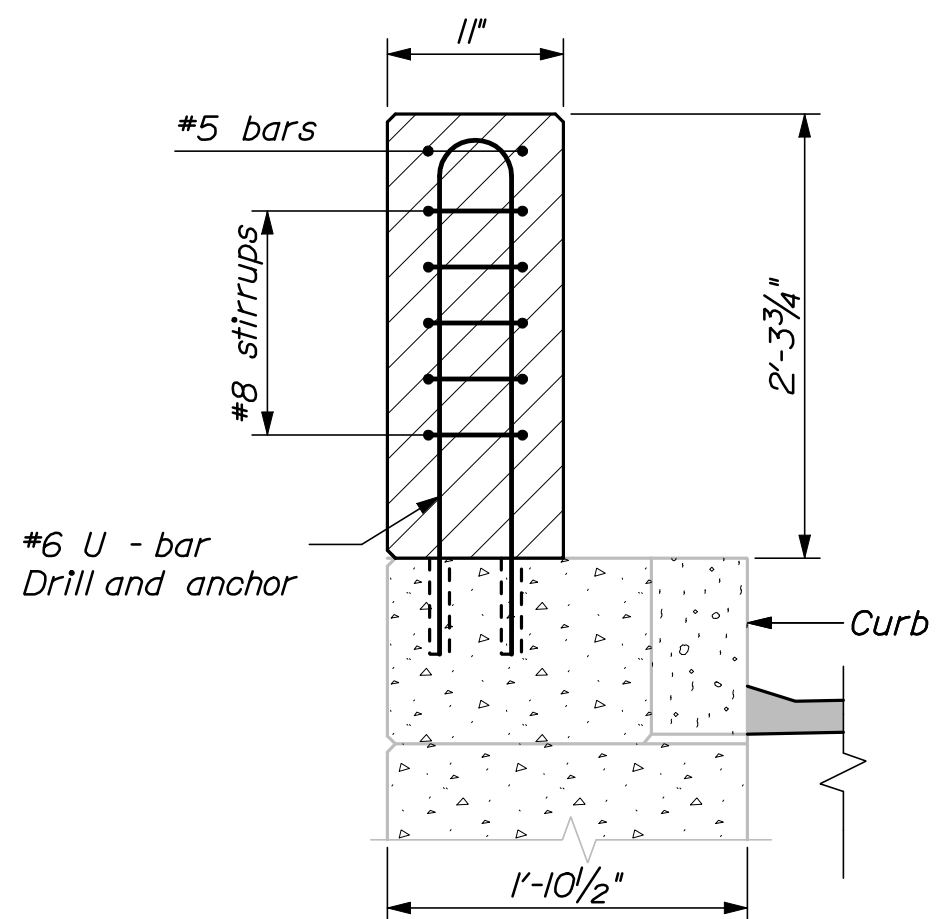
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORLAND CUMBERLAND COUNTY	CONCRETE TRANSITION BARRIER (TYPE 3A)
SHEET NUMBER 27 OF 55	



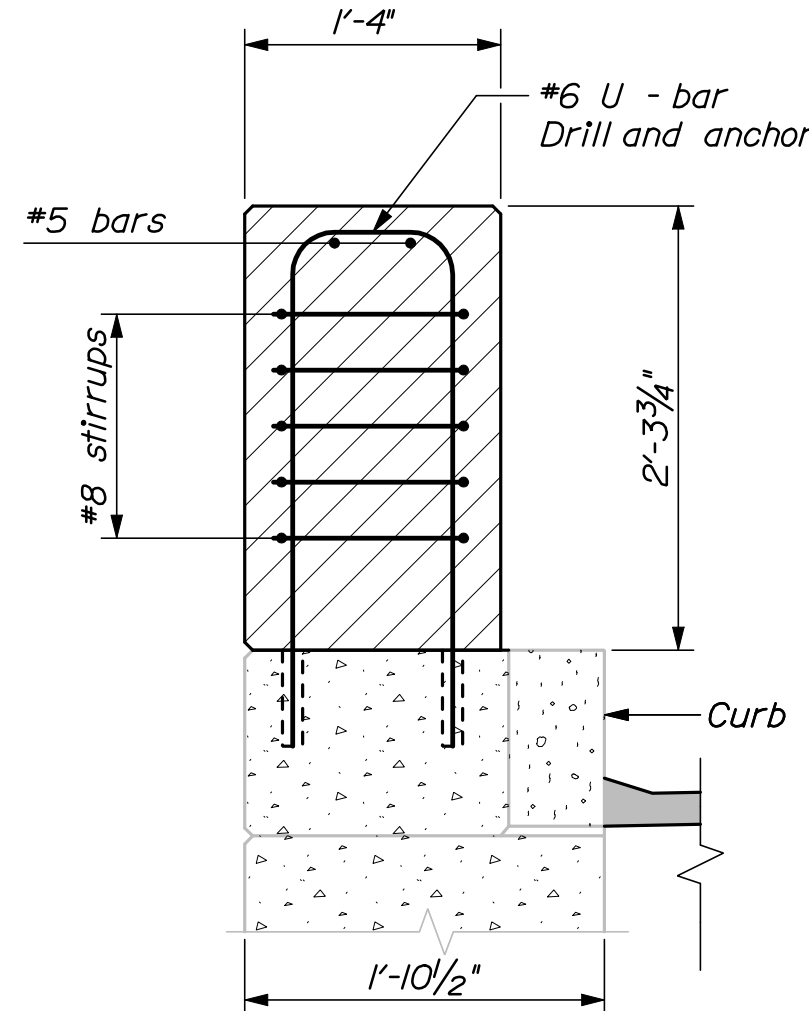
CONCRETE TRANSITION BARRIER (TYPE 3B)
Roadway elevation shown



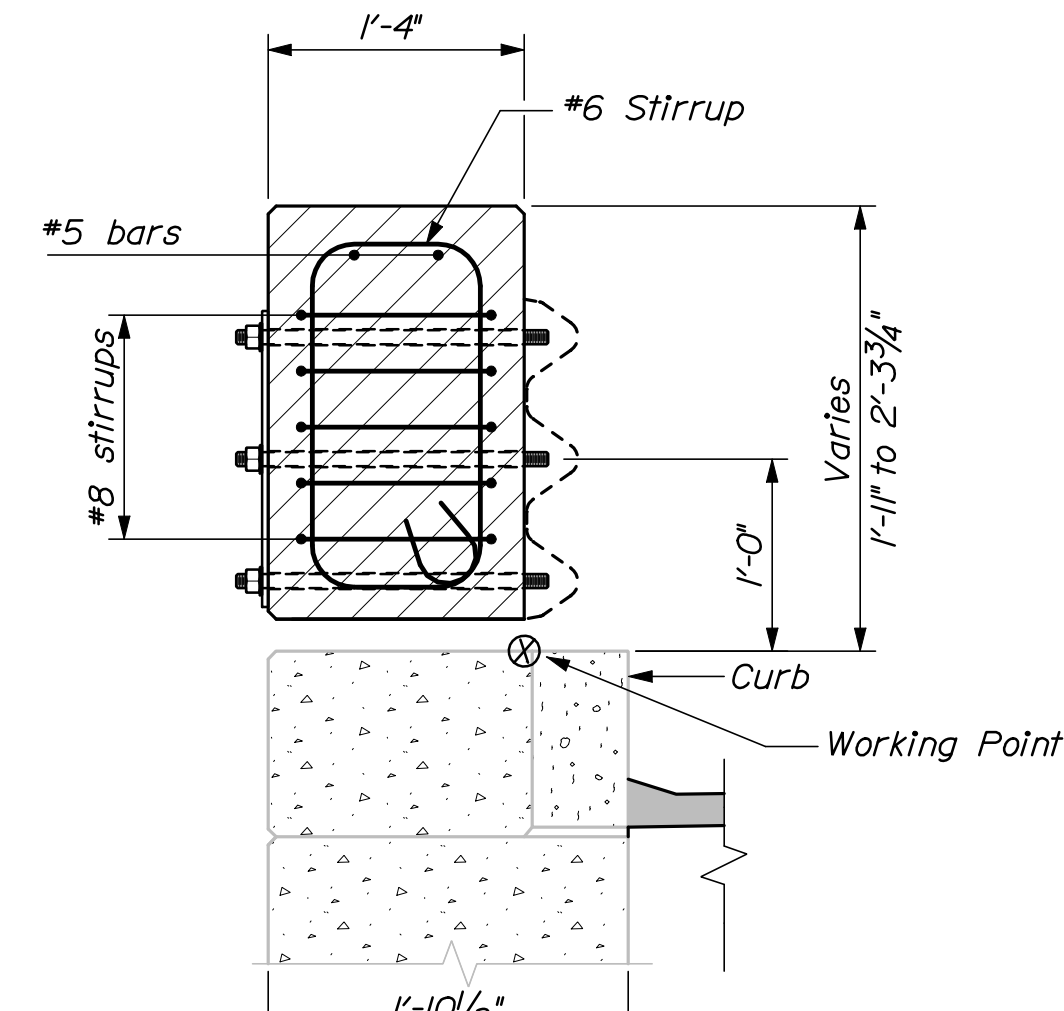
TRANSITION BARRIER ELEVATION
Roadway elevation shown



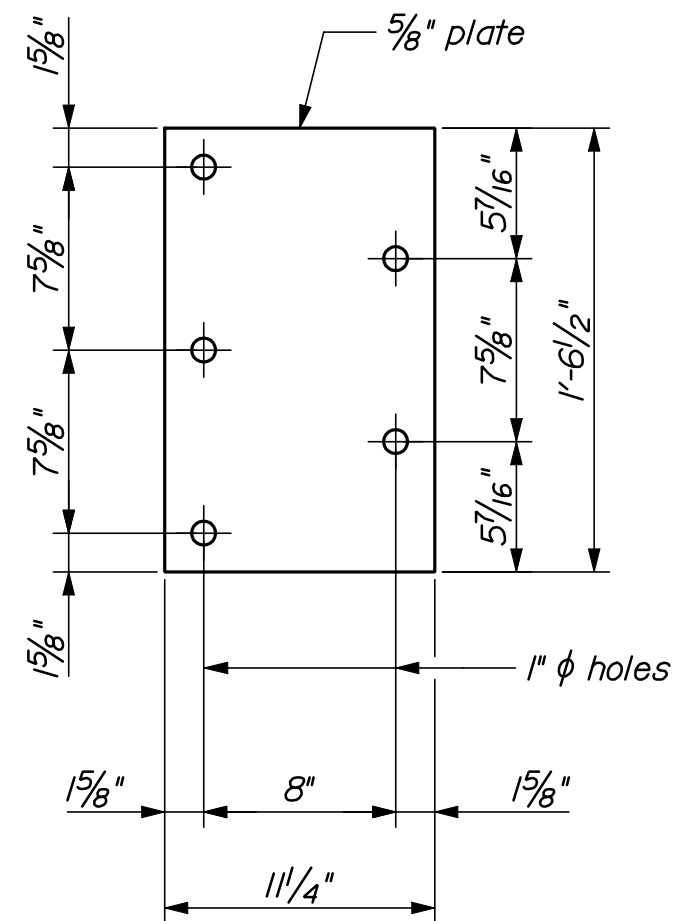
SECTION THROUGH RECESS



SECTION THROUGH STEM

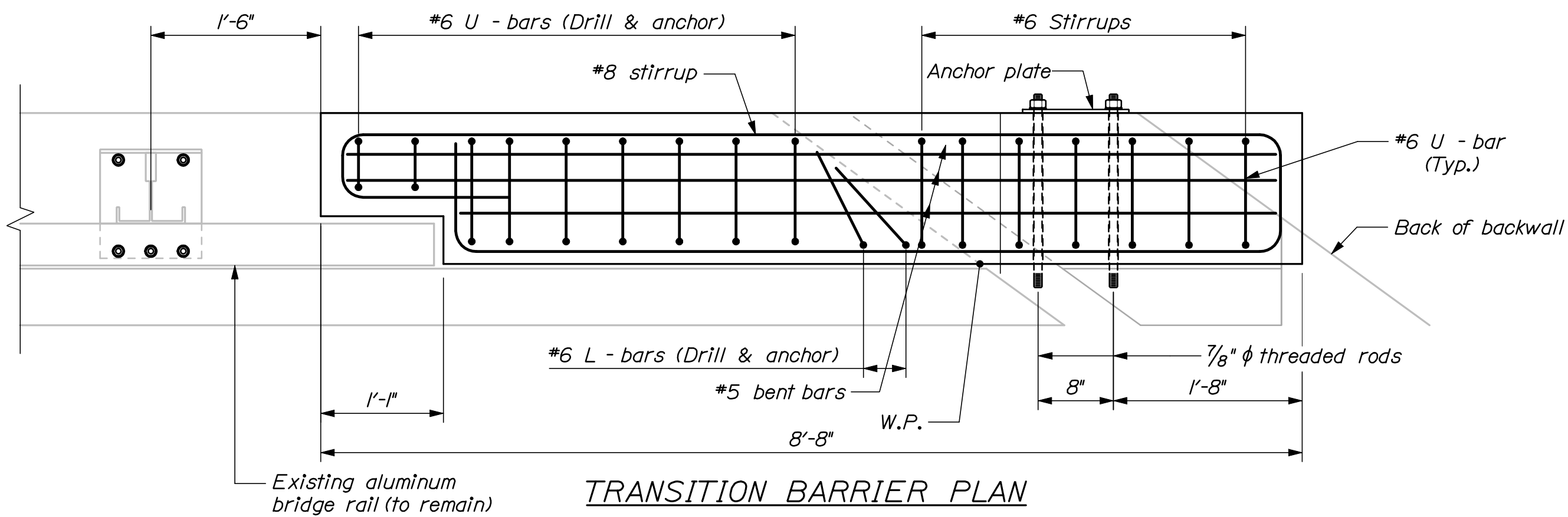


SECTION THROUGH NOSE



ANCHOR PLATE

NOTE:
This transition barrier to be constructed at Bridge 8239E (State Route 703), departure passing



TRANSITION BARRIER PLAN

CONCRETE TRANSITION BARRIER NOTES

1. Refer to Standard Details Section 526 - Concrete Transition Barrier for details and information not shown.
2. Reinforcing steel for the Transition Barriers is based on details shown in the Standard Details. Reinforcing steel shall be modified to fit the details and conditions shown on the plans. Payment for modifying reinforcing steel and for drilling and anchoring bars as shown will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.
3. Anchor plates and threaded rods shall be galvanized in accordance with the Standard Specifications and the Standard Details.
4. The bridge rail post bolt anchorage system shall be from MaineDOT's Qualified Products List or an approved equal. The Contractor shall submit the proposed system to the Resident for review prior to use. The bolt anchorages shall be installed in strict accordance with the selected manufacturer's recommendations. The anchor bolts shall have an ultimate tension capacity of 30 kips. Payment for bridge rail post relocation and associated materials, equipment, labor and incidentals necessary to complete the work will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.
5. The contractor shall locate existing curb reinforcing steel and conduit and adjust dowel and bridge rail post anchor stud locations to avoid cutting existing bars. Any adjustments from plan dimensions shall be approved by the Resident.
6. The contractor shall trim or install longer rail sections as directed by the resident to provide 12" of projection into the transition barrier recess.

INTERSTATE 295 SOUTHBOUND
FALMOUTH TO S.PORLAND
CUMBERLAND COUNTY

CONCRETE TRANSITION BARRIER
(TYPE 3B)

SHEET NUMBER

28

OF 55

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

IM-1779(300)E

BRIDGE NO. As Noted

PIN

17793.00

BRIDGE PLANS

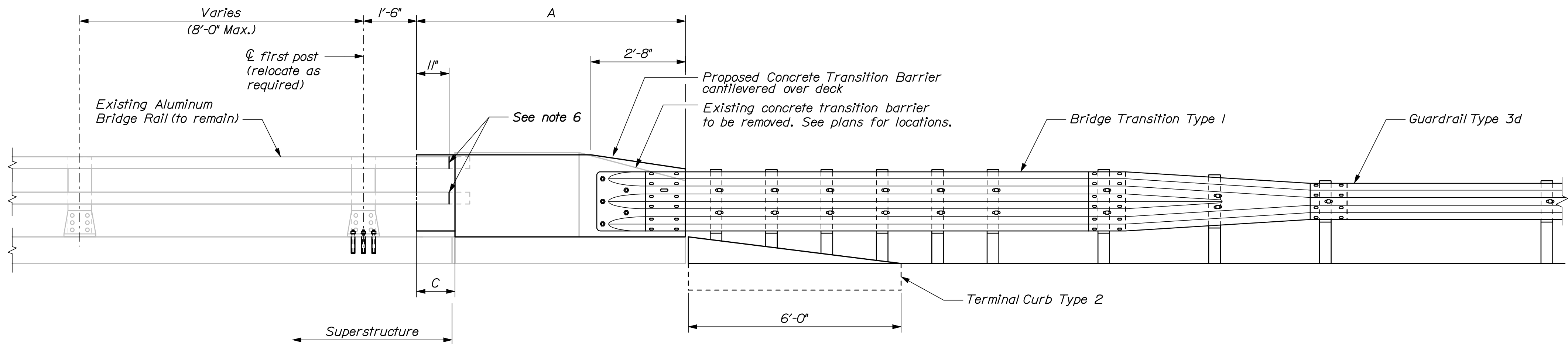
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REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

Date:3/26/2010

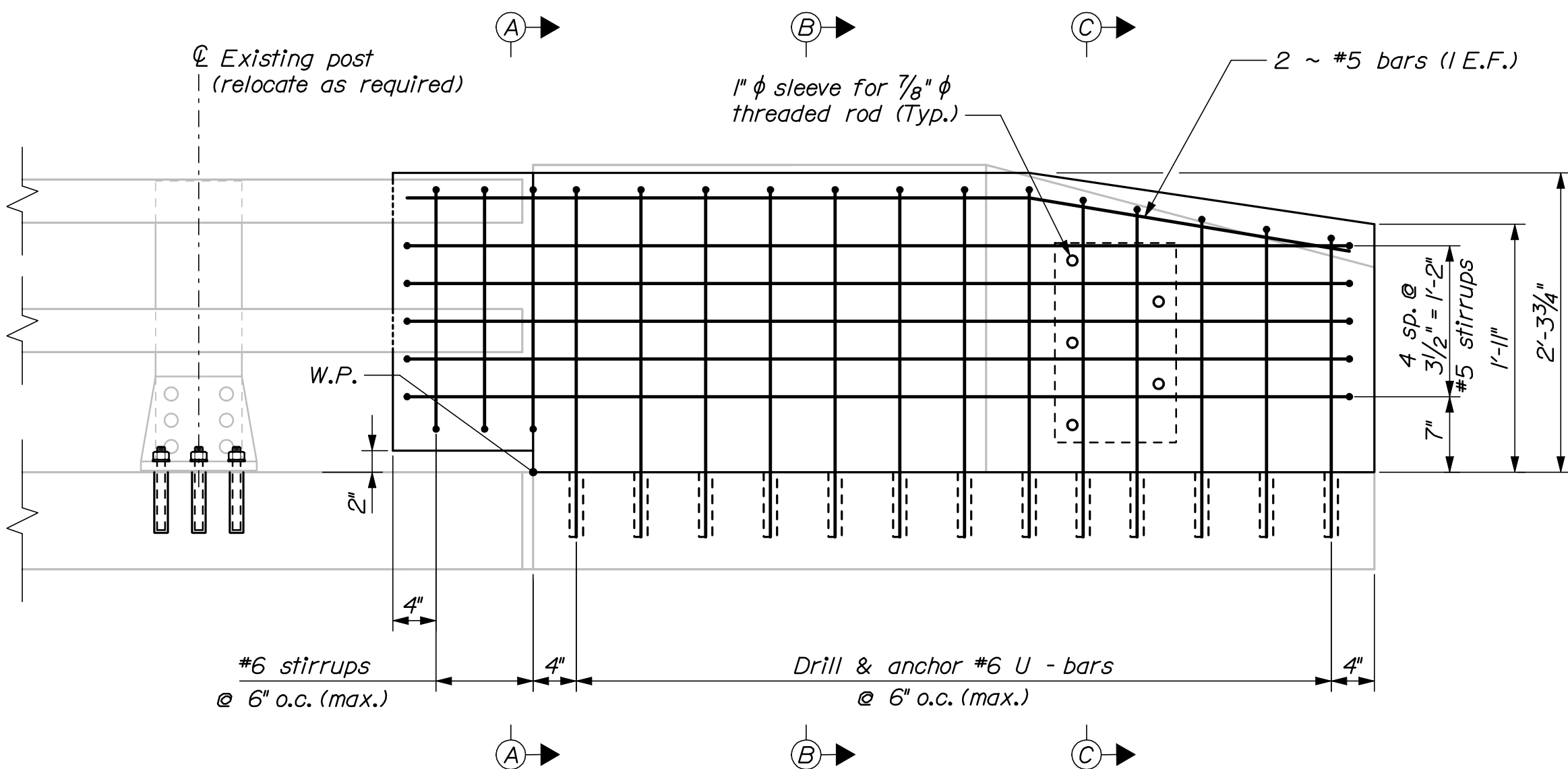
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Division: BRIDGE

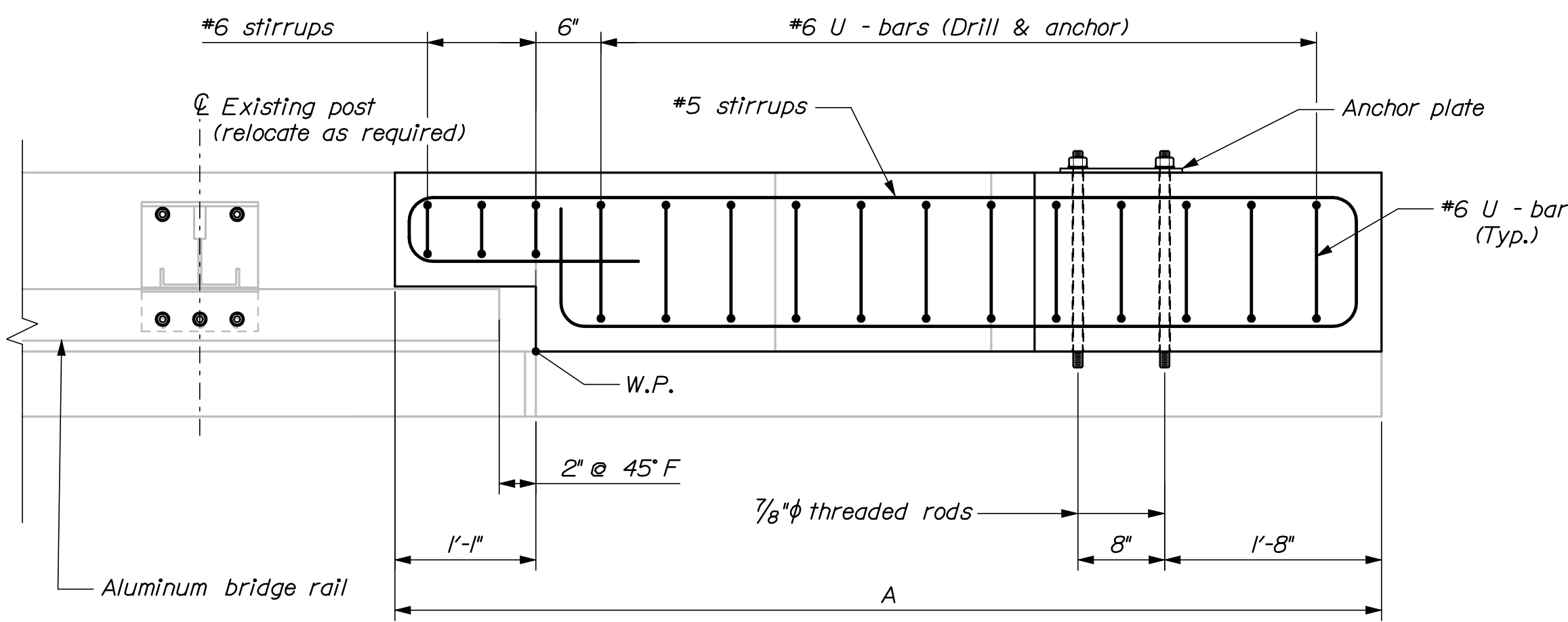
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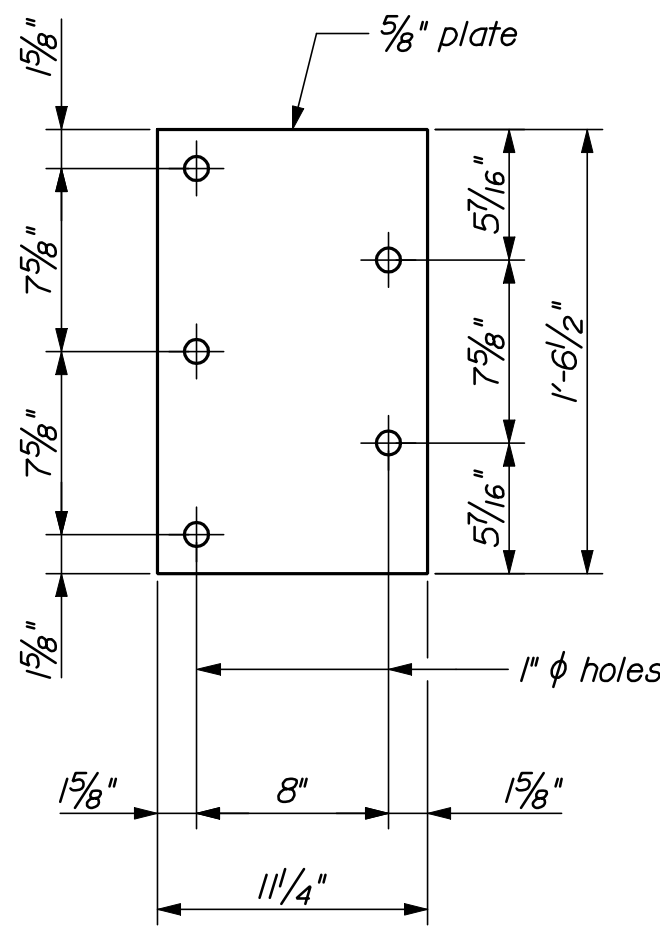
CONCRETE TRANSITION BARRIER (TYPE 4)
Roadway elevation shown



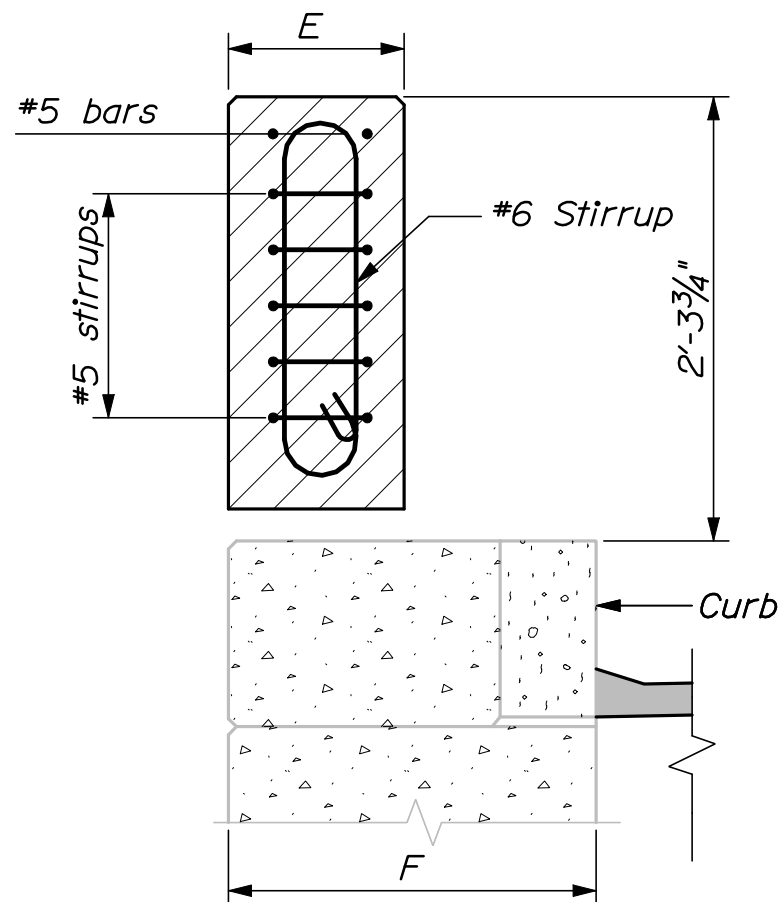
TRANSITION BARRIER ELEVATION
Roadway elevation shown



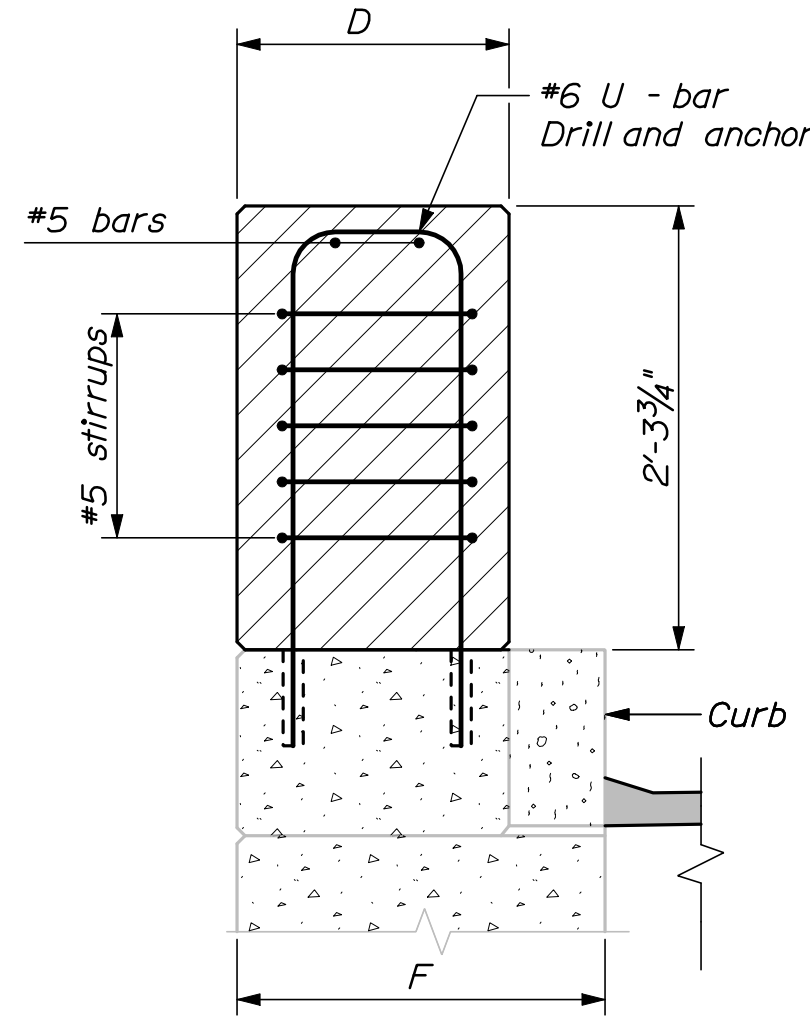
TRANSITION BARRIER PLAN



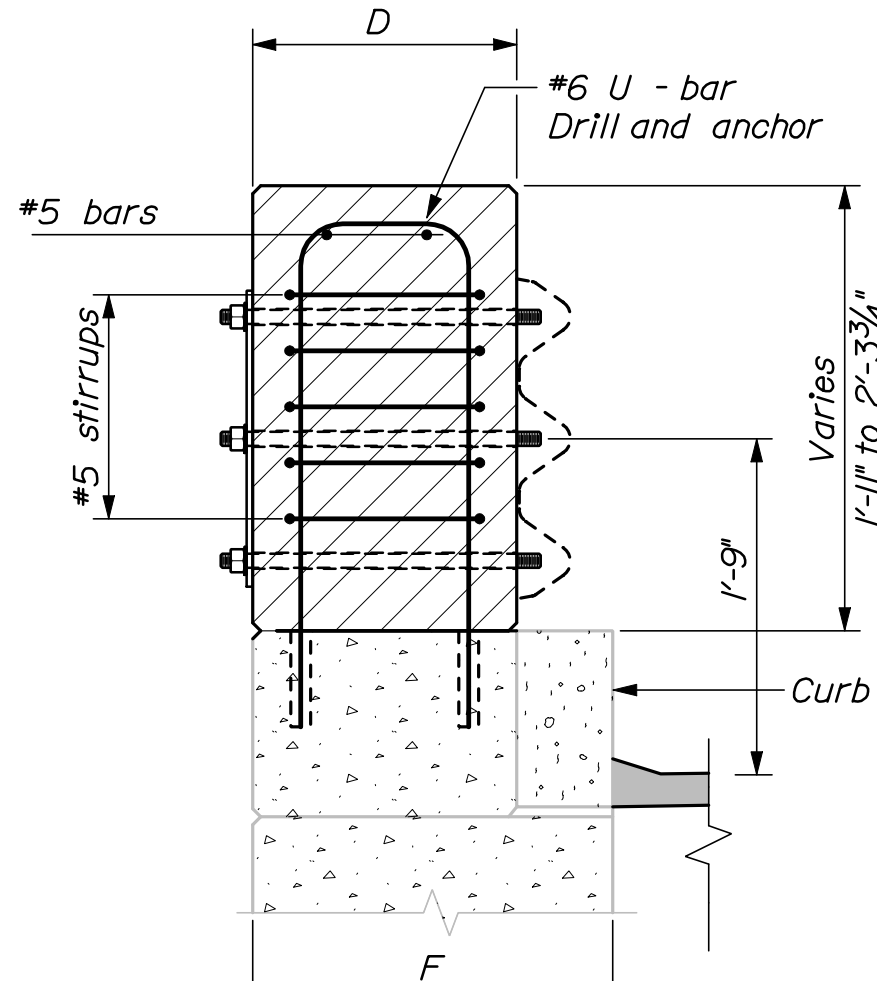
ANCHOR PLATE



SECTION A-A



SECTION B-B



SECTION C-C

CONCRETE TRANSITION BARRIER NOTES

1. Refer to Standard Details Section 526 - Concrete Transition Barrier for details and information not shown.
2. Reinforcing steel for the Transition Barriers is based on details shown in the Standard Details. Reinforcing steel shall be modified to fit the details and conditions shown on the plans. Payment for modifying reinforcing steel and for drilling and anchoring bars as shown will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.
3. Anchor plates and threaded rods shall be galvanized in accordance with the Standard Specifications and the Standard Details.
4. The bridge rail post bolt anchorage system shall be from MaineDOT's Qualified Products List or an approved equal. The Contractor shall submit the proposed system to the Resident for review prior to use. The bolt anchorages shall be installed in strict accordance with the selected manufacturer's recommendations. The anchor bolts shall have an ultimate tension capacity of 30 kips. Payment for bridge rail post relocation and associated materials, equipment, labor and incidentals necessary to complete the work will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.
5. The contractor shall locate existing curb reinforcing steel and conduit and adjust dowel and bridge rail post anchor stud locations to avoid cutting existing bars. Any adjustments from plan dimensions shall be approved by the Resident.
6. The contractor shall trim or install longer rail sections as directed by the resident to provide 12" of projection into the transition barrier recess.

Bridge #	Bridge	Location	A	C	D	E	F
6300	Franklin Arterial	Approach Passing Lane	6'-7"	1'-11"	1'-4"	11"	1'-11"
6298	Forest Avenue	Approach Passing Lane	8'-1"	1'-8"	1'-4"	11"	1'-11"
6294	Congress St./Park Av.	Approach Passing Lane	6'-11"	1'-2"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6291	PTRR (Fore River)	Approach Passing Lane	6'-4"	1'-2"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6281	Fore River	Approach Passing Lane	7'-0"	1'-4"	1'-3 1/2"	10 1/2"	1'-9 1/2"
1513	8239E (Route 703)	Approach Passing Lane	7'-1"	6"	1'-4"	11"	1'-11"

INTERSTATE 295 SOUTHBOUND
FALMOUTH TO S.PORTLAND
CUMBERLAND COUNTY

CONCRETE TRANSITION BARRIER
(TYPE 4)

SHEET NUMBER

29

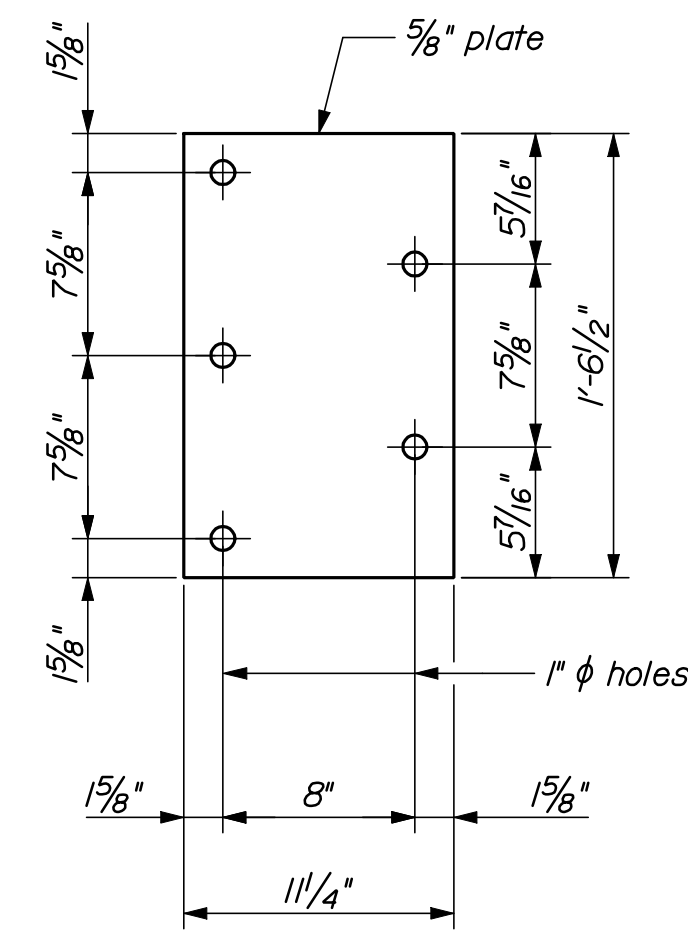
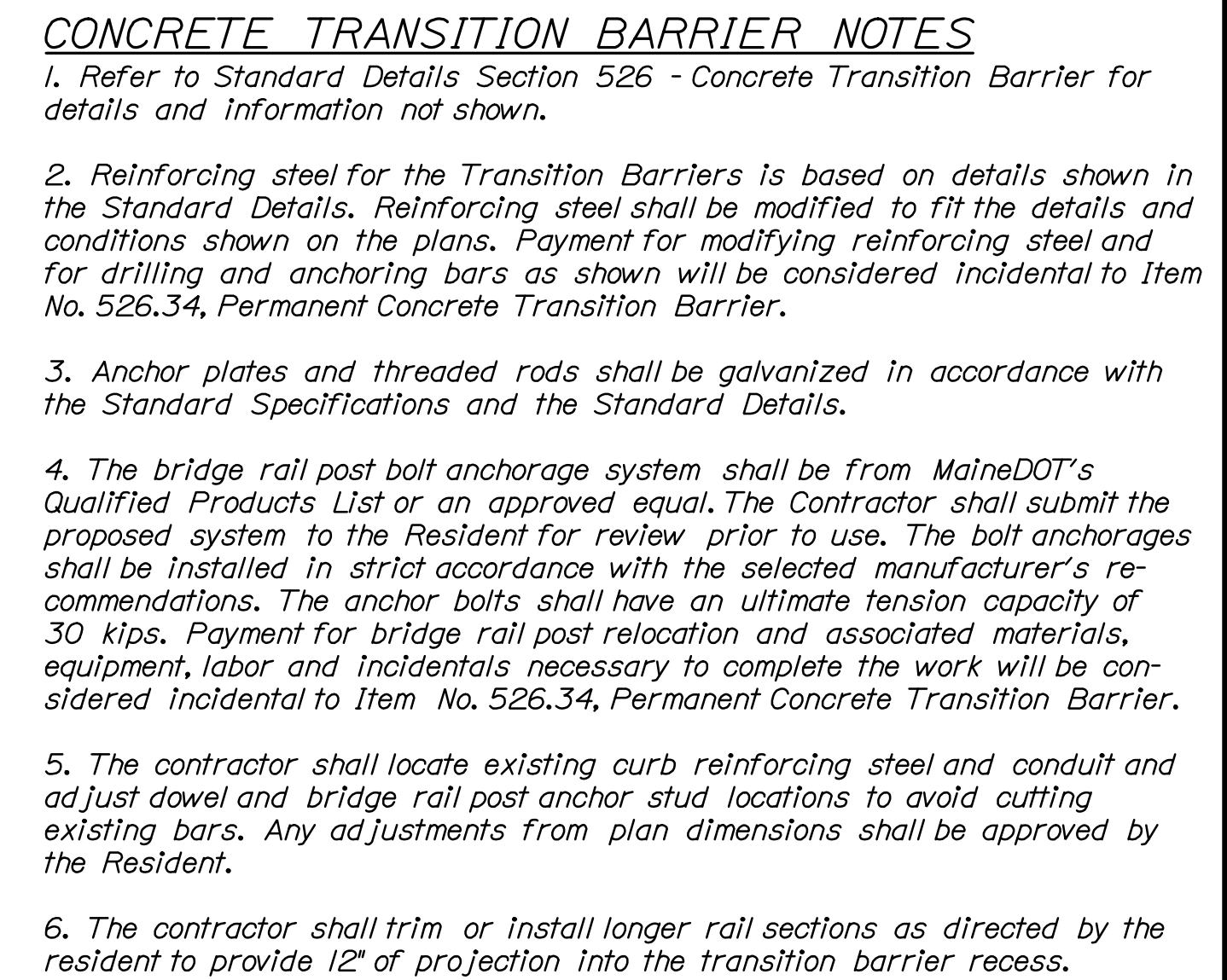
OF 55

STATE OF MAINE

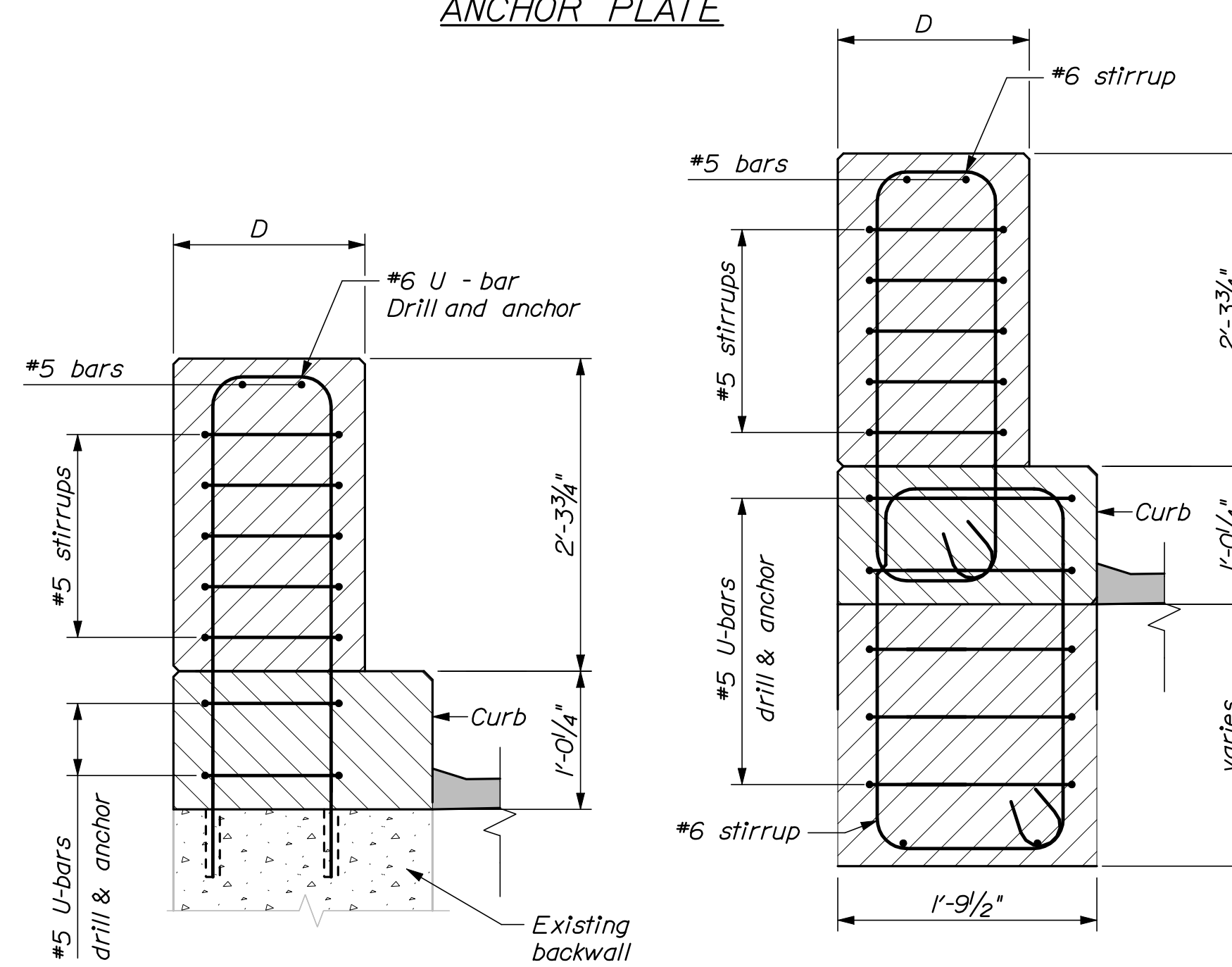
DEPARTMENT OF TRANSPORTATION

IM-1779(300)E

BRIDGE NO. As Noted
PIN 17793.00
BRIDGE PLANS

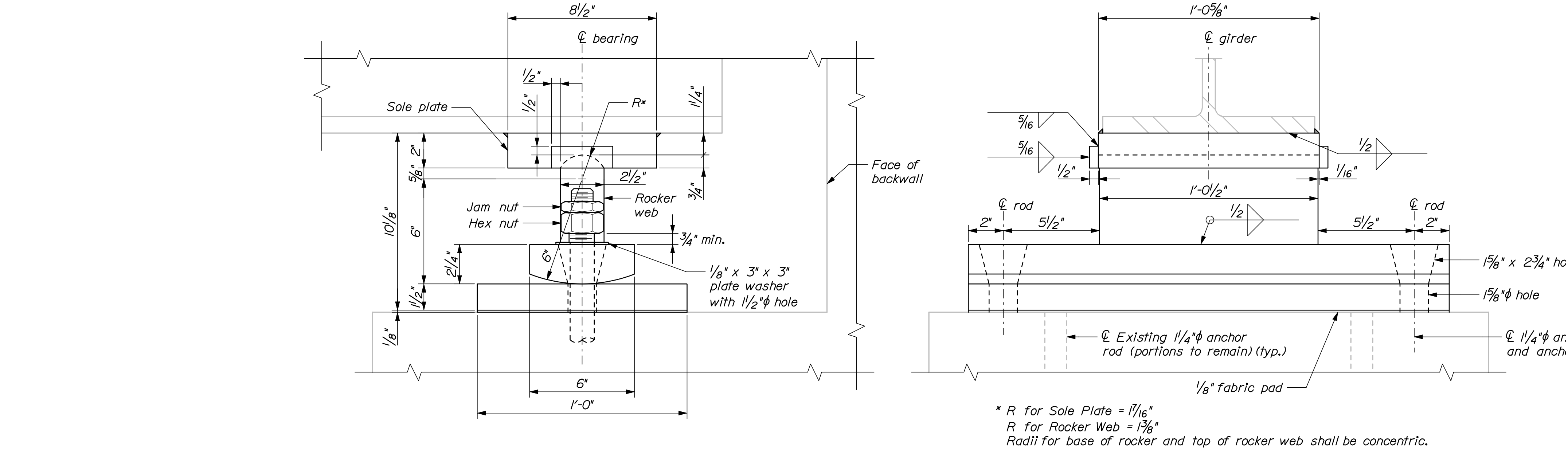


NOTE:
This transition barrier to
be constructed at Fore River
Bridge, departure passing



Technical drawing of a concrete wall section showing reinforcement details. The wall has a total height of 1'-11" to 2'-3 3/4". The top section is 1'-3 1/2" wide and contains #5 bars and #6 stirrups. The bottom section is 1'-9 1/2" wide and contains #5 U-bars with drill & anchor, #6 stirrups, and a curb. The wall thickness is 1'-9".

TRANSITION BARRIER PLAN

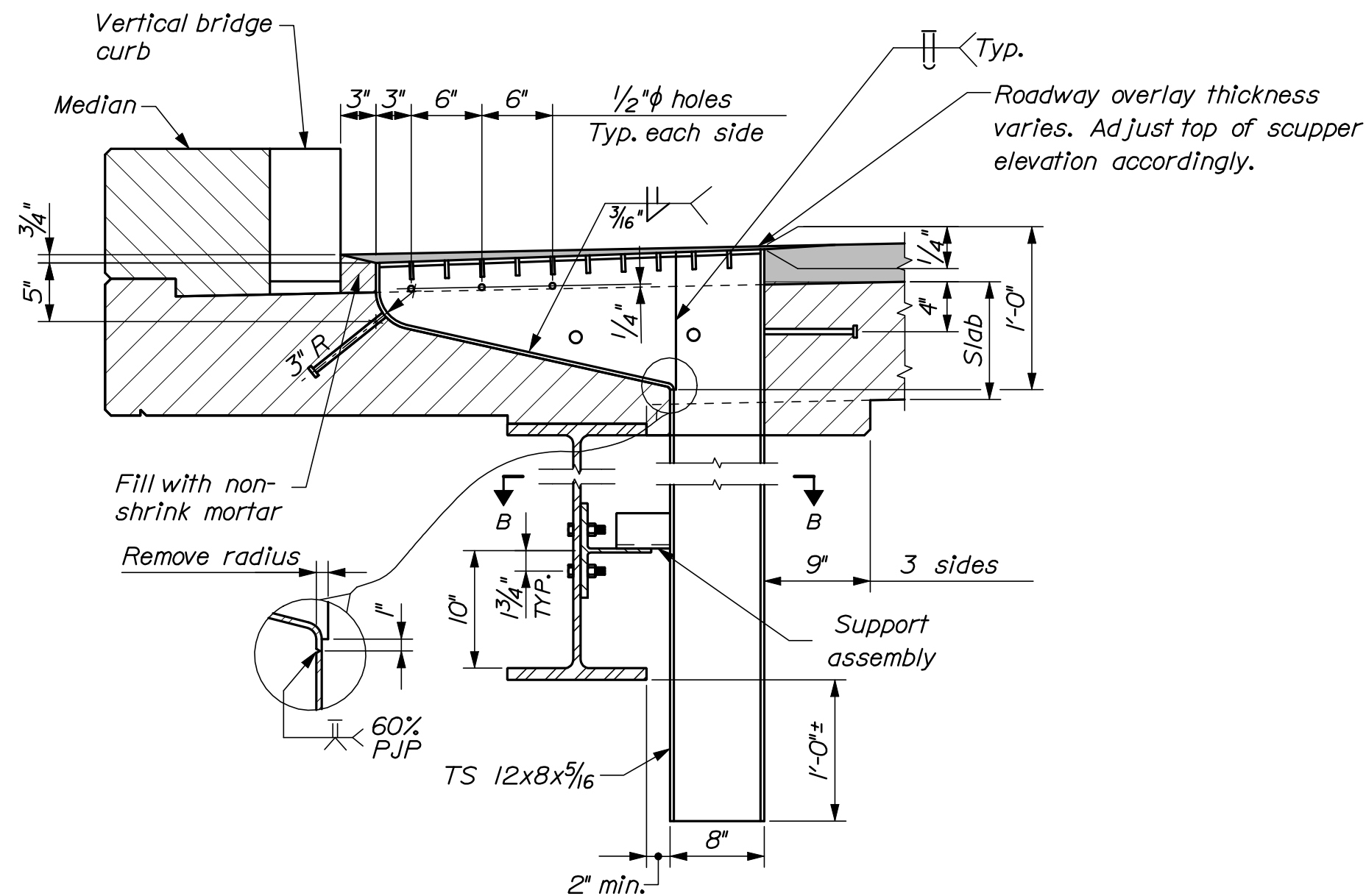
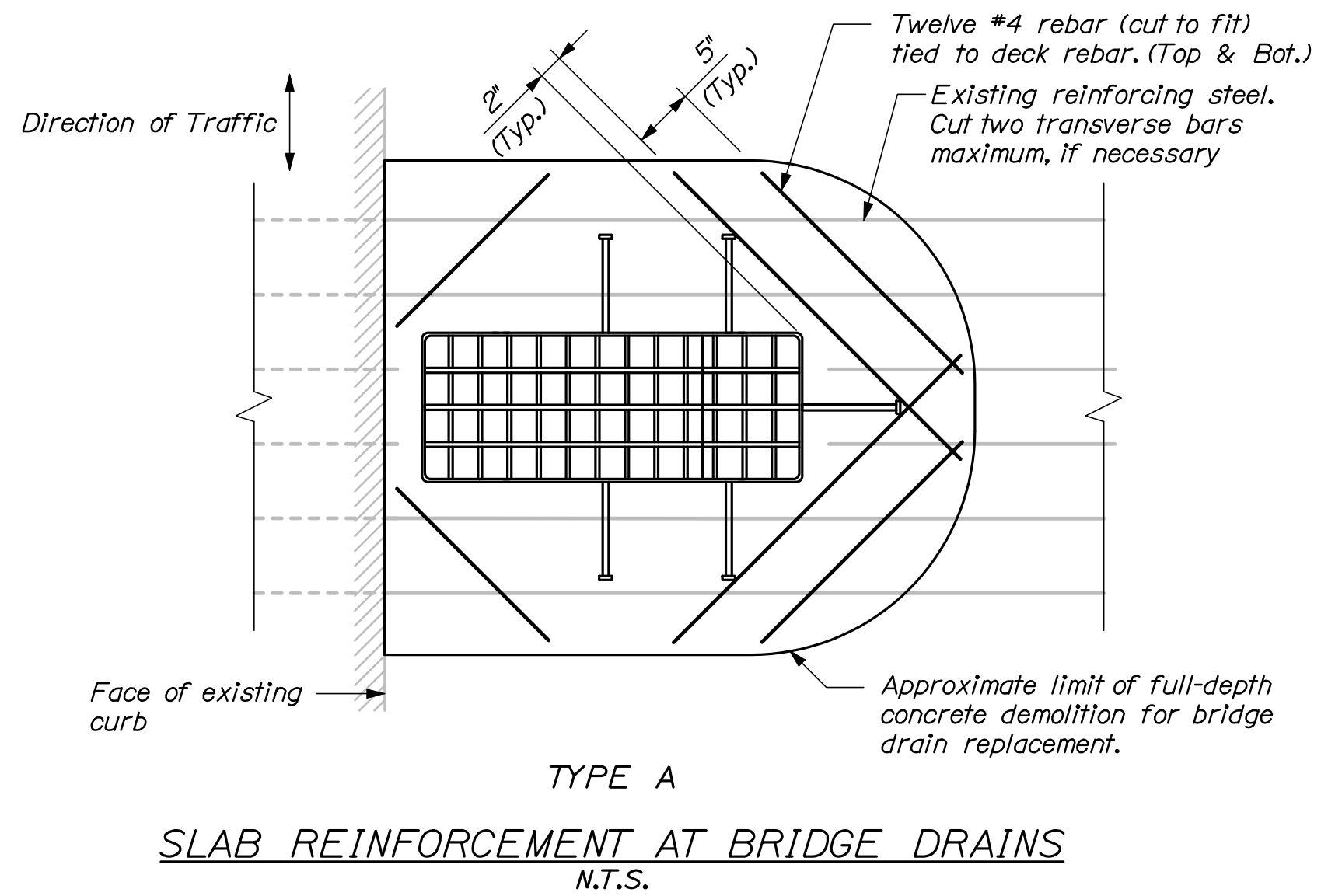
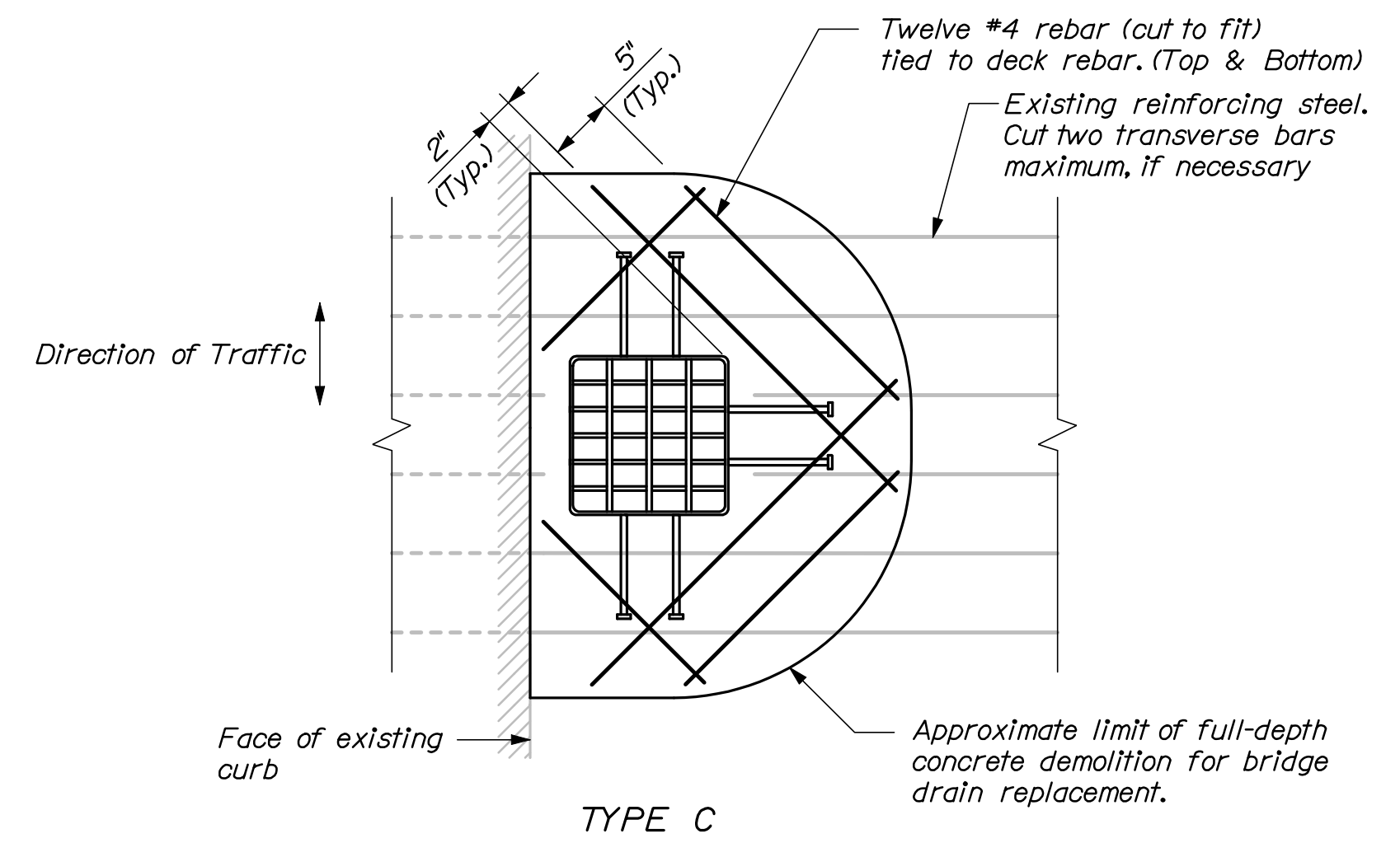
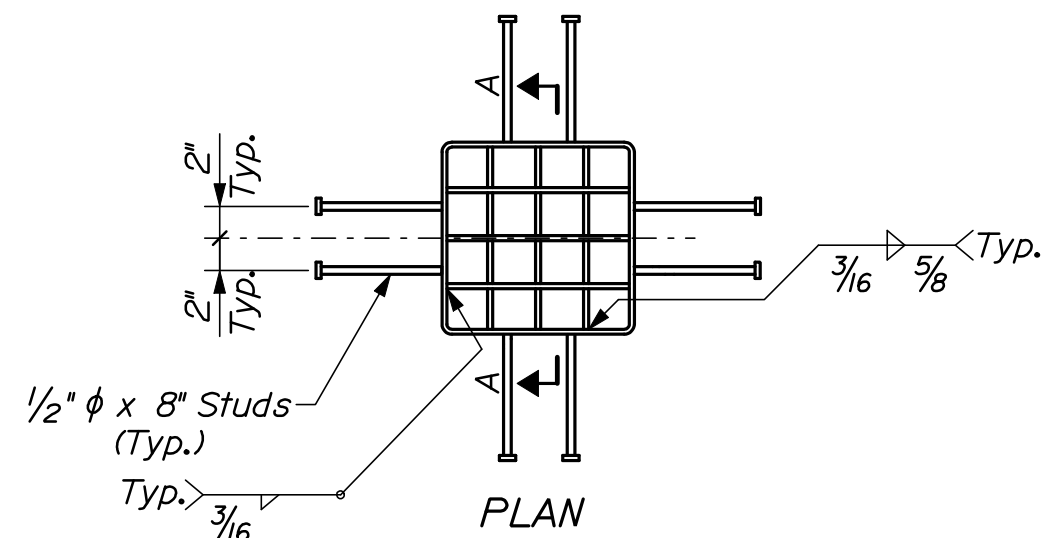
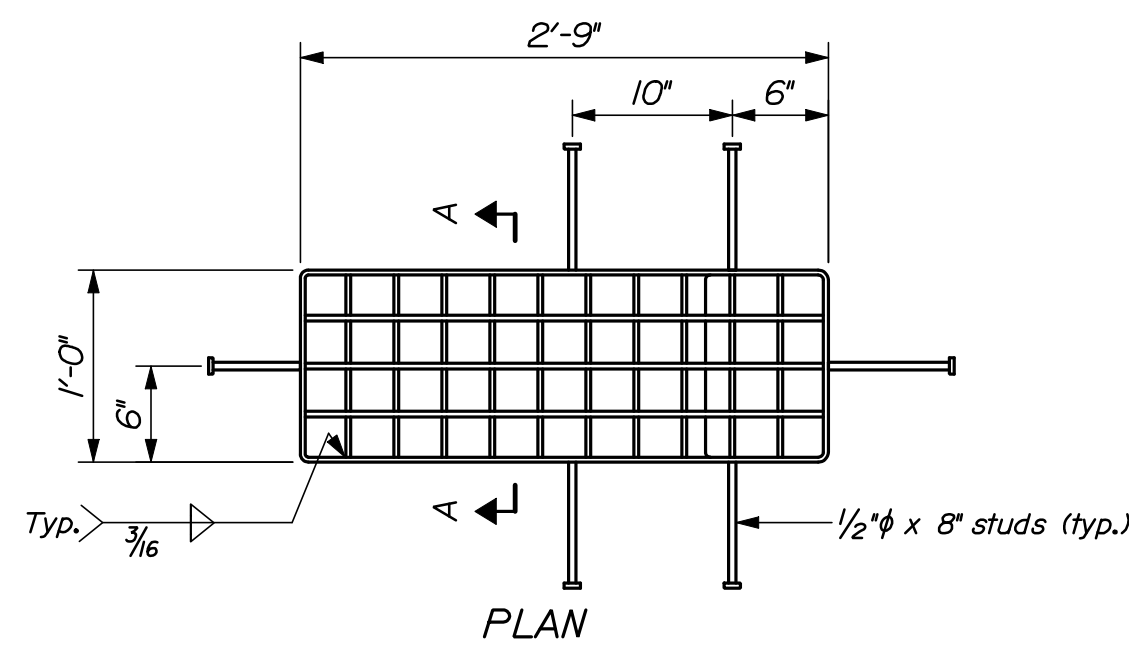


ROCKER BEARINGS
(PRESUMPCOT RIVER SOUTHBOUND - 10 REQUIRED)
3" = 1'-0"

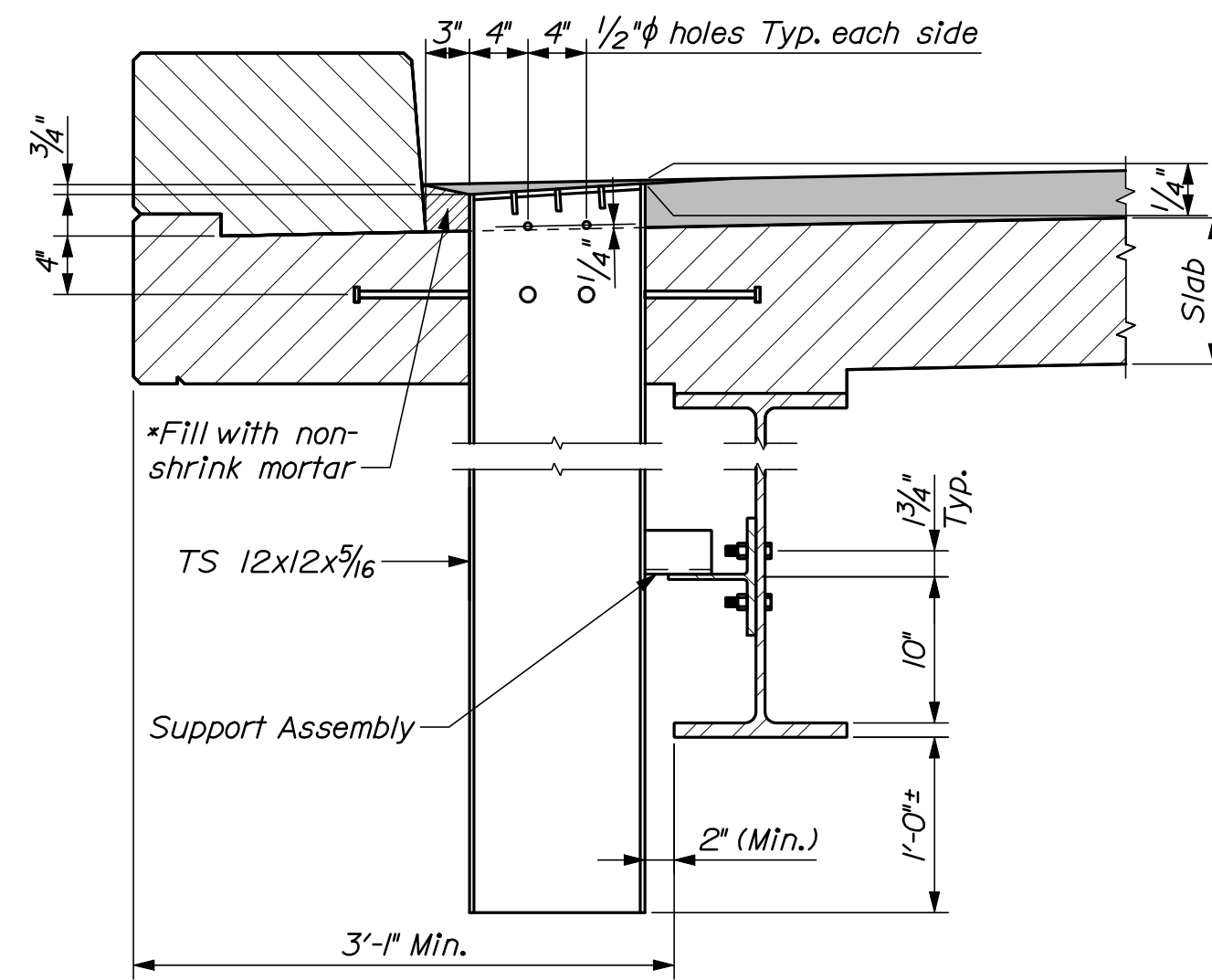
- BEARING NOTES:**
1. The Contractor shall remove the existing abutment rocker bearings at the Presumpscot River Southbound Overpass and install new rocker bearings in accordance with these plans and specifications. Prior to completing any bearing work the Contractor shall submit design drawings and calculations to the Resident for approval that detail the proposed method of temporarily raising and supporting the bridge superstructure during bearing removal and replacement. At all times during bearing removal and replacement the deck roadway shall be no more than one half inch higher than the approach roadway. Payment for jacking and temporary support of the Presumpscot River Bridge deck will be made under Item 524.301, "Temporary Structural Support"
 2. Removal of the bearings from the existing girders shall be completed in a manner approved by the Resident. Bearing removal shall be considered incidental to the bearing replacement item.
 3. Bearings shall be fabricated from steel conforming to AASHTO M270, grade 36 and shall be galvanized after fabrication.
 4. Anchor rods shall be galvanized AASHTO F1554, Grade 55 and shall be swaged or threaded on the embedded portion. The threads of the anchor rods shall be upset after assembly.
 5. After installation of the bearings are complete the Contractor shall retouch areas of paint removal and damaged galvanizing with a cold galvanizing compound approved by the Resident.

- SPLICE MODIFICATION NOTES:**
1. Recenter existing splice bar and drill two 5/16" holes and install two 3/8" x 1" hex washer head tapping screws, type F (stainless). Drill two additional 5/16" holes in rail for splice location verification.
 2. Only 2 splice bars need to be recentered which require the verification holes.

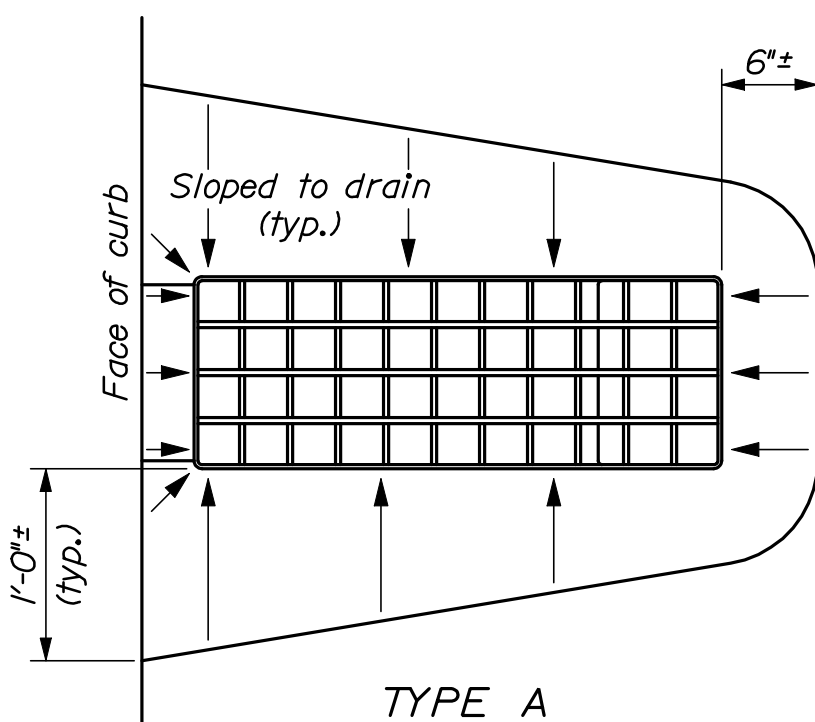
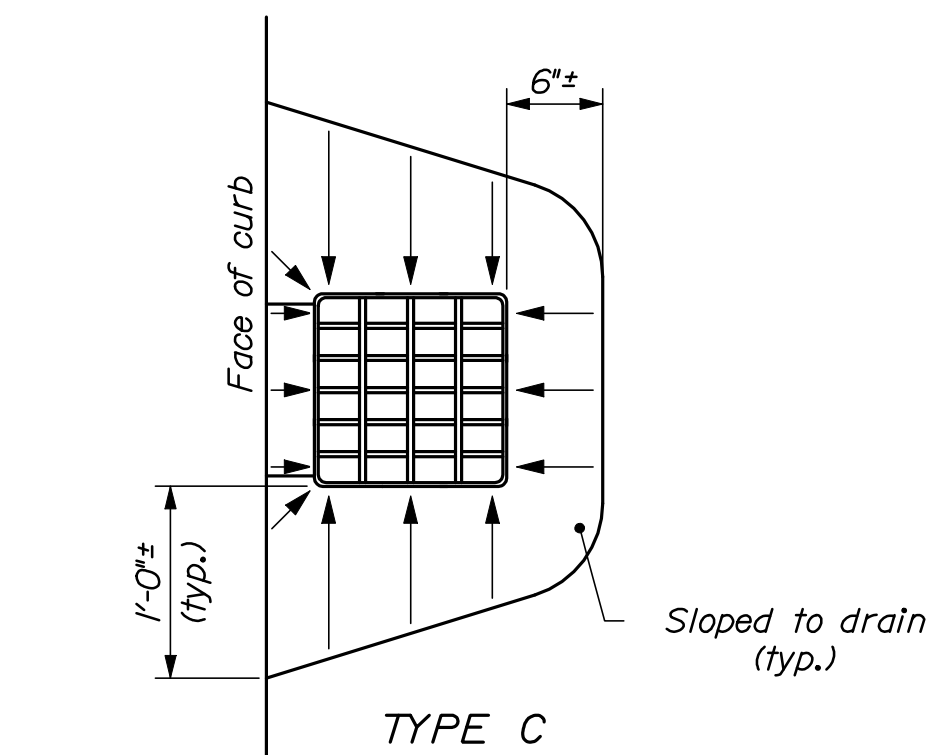
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORTLAND CUMBERLAND COUNTY				PROJ. MANAGER				DOC	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
BEARING DETAILS				DESIGN-DETAILED		CAH	RWH	03\10					
				CHECKED-REVISED		DOE		03\10					
				DESIGN2-DETAILED2		—		—					
				DESIGN3-DETAILED3		—		—					
				REVISIONS 1		—		—		P.E. NUMBER			
				REVISIONS 2		—		—		—			
				REVISIONS 3		—		—		—			
				REVISIONS 4		—		—		DATE			
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BRIDGE NO. Varies												PIN	BRIDGE PLANS
												17793.00	



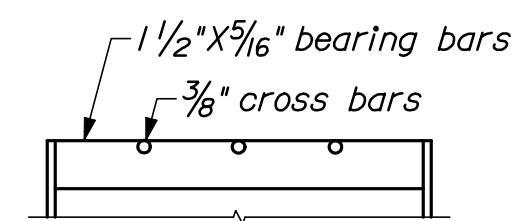
SECTION
BRIDGE DRAIN TYPE A
N.T.S.



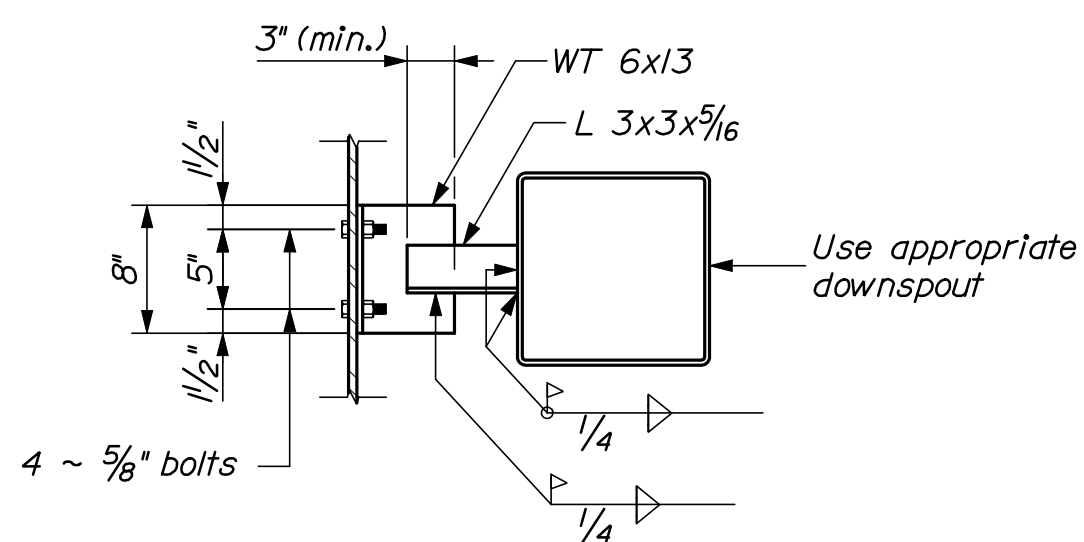
SECTION
BRIDGE DRAIN TYPE C
N.T.S.



PAVEMENT DEPRESSION AROUND BRIDGE DRAINS
N.T.S.



SECTION A-A

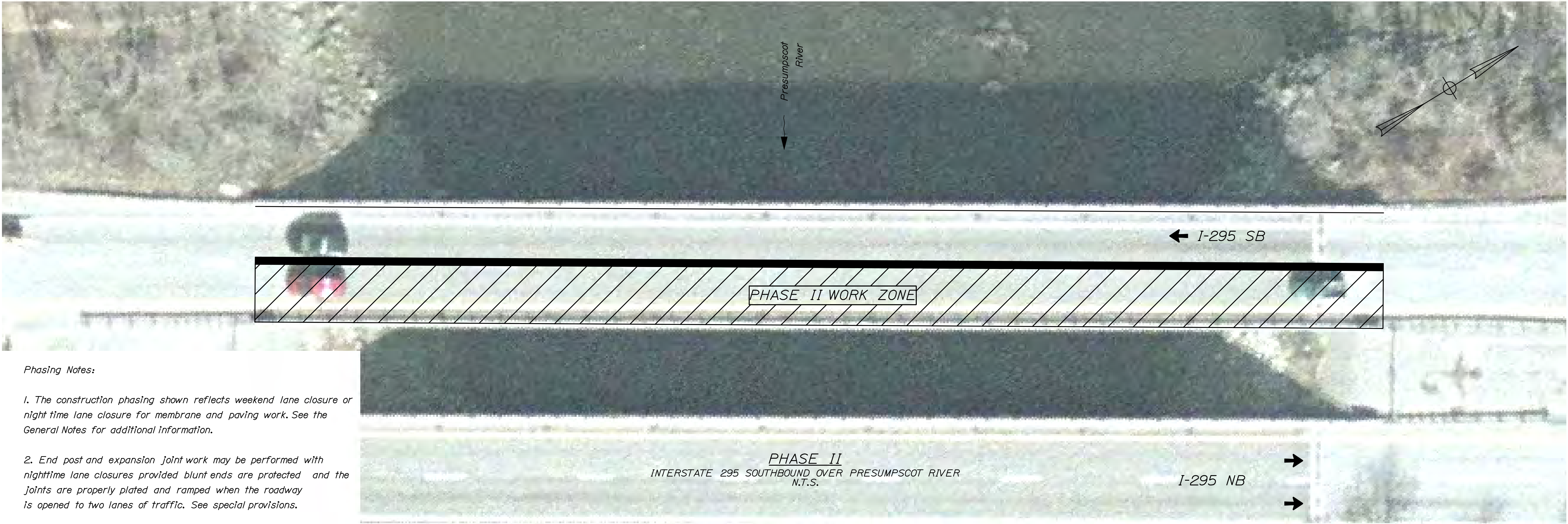
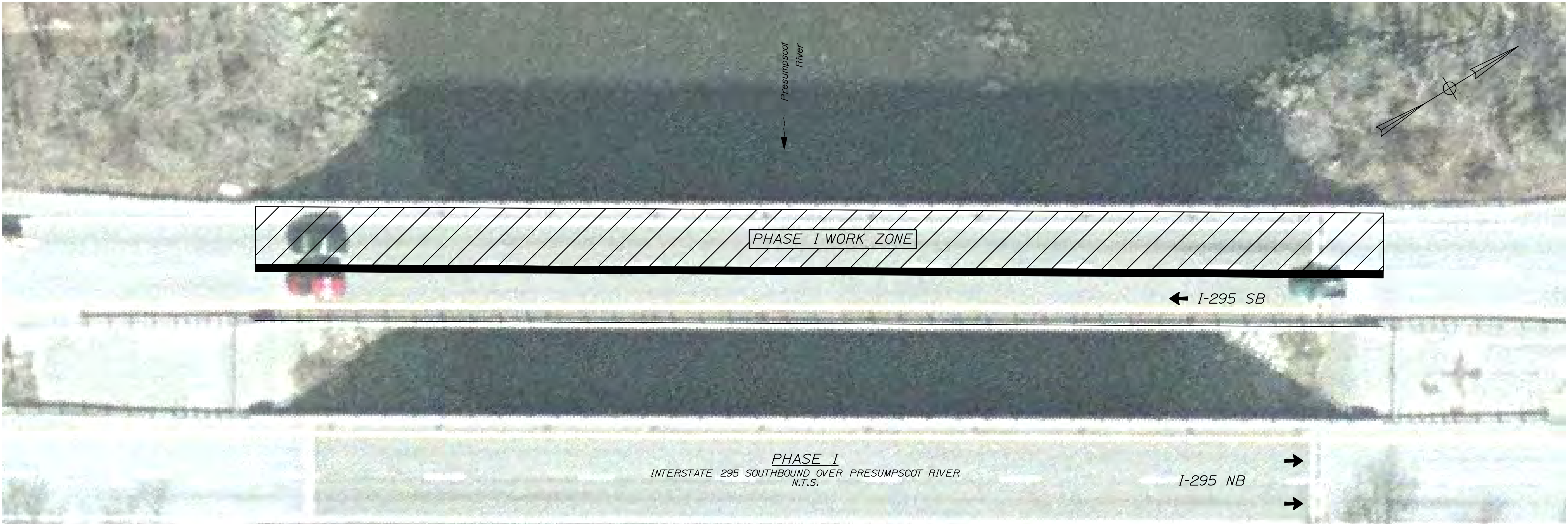


SECTION B-B

BRIDGE DRAIN NOTES:

1. All plates, if any, shall be $\frac{1}{4}$ " thick and shall conform to ASTM A 36.
2. Downspouts shall conform to ASTM A500.
3. Grating shall be a commercial heavy-duty grating with $\frac{1}{2}$ " x $\frac{5}{16}$ " bearing bars spaced at $2\frac{3}{8}$ " and $\frac{3}{8}$ " ϕ cross bars spaced at 4". Grating shall be centered in the drain top.
4. If the minimum thickness of concrete below the drain is 2" or less, the concrete haunch shall be extended as shown.
5. At the Contractor's option bridge drain shear studs may be field welded to the drain. Touch up areas with an approved cold galvanizing compound after welding.
6. Drains, WT6x13, and L 3x3x5/16 shall be blast cleaned to the requirements of SSPC-SP6/NACE 3 and hot-dipped galvanized in accordance with ASTM A 123. All associated fasteners shall be hot dip galvanized.
7. One 1" ϕ PVC weep drain shall be installed in the gutter line on the upgrade side of each scupper. All work and materials associated with installing new weep drains shall be considered incidental to the related contract items.
8. At a minimum the existing deck concrete shall be removed to a distance 6" beyond the end of the welded studs. Concrete removal need not extend below the existing granite curb. Care shall be taken not to damage the existing reinforcing steel during concrete demolition. After concrete removal the Resident shall direct the Contractor to cut existing reinforcing bars as needed to allow installation of the drains.
9. The Contractor shall furnish twelve (12) pieces of #4 reinforcing steel for each drain to be placed around the proposed bridge drain as directed by the Resident. The required length of the proposed reinforcing shall be determined by the Resident in the field. The additional reinforcing steel around each bridge drain will not be paid for directly. Payment will be considered incidental to related contract items.

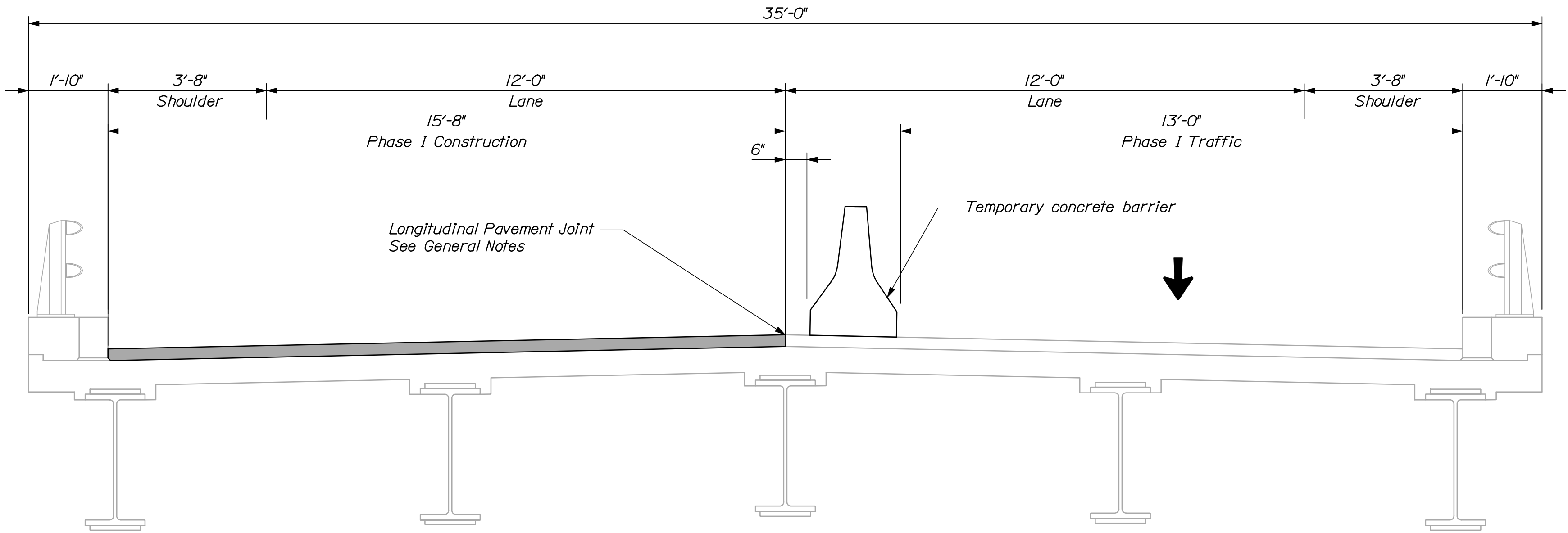
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DESIGN-DETAILED2				
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REVISIONS 1				
REVISIONS 2				
REVISIONS 3				DATE
REVISIONS 4				
FIELD CHANGES				



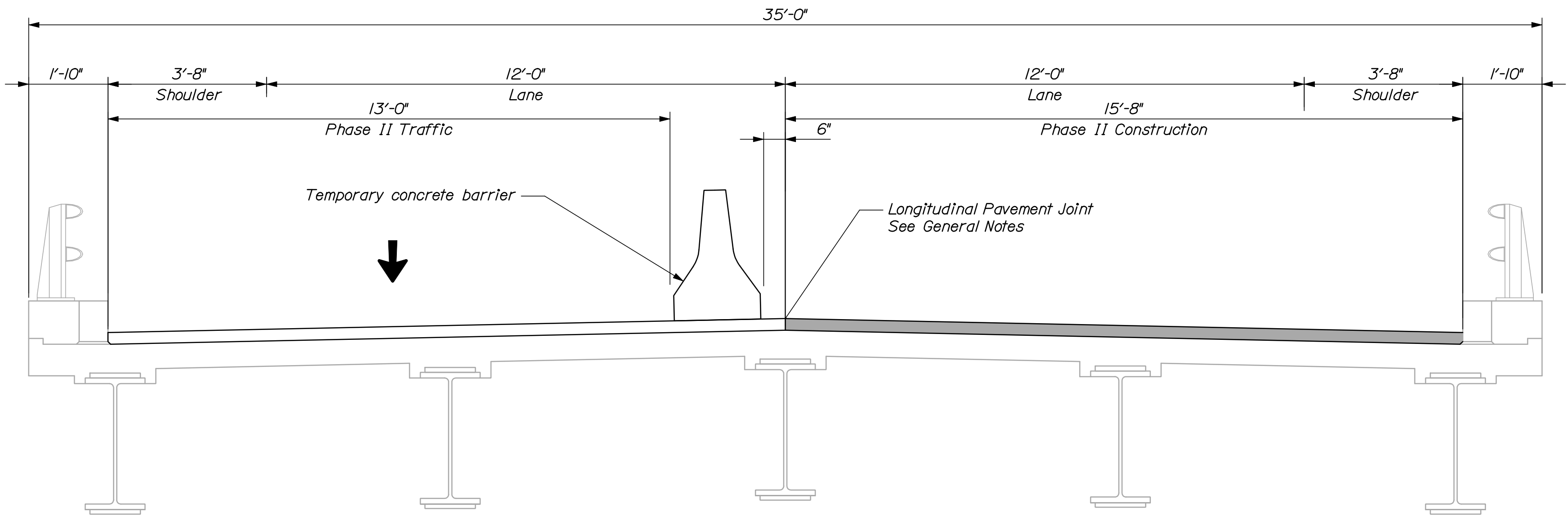
Phasing Notes:

- 1. The construction phasing shown reflects weekend lane closure or night time lane closure for membrane and paving work. See the General Notes for additional information.
- 2. End post and expansion joint work may be performed with nighttime lane closures provided blunt ends are protected and the joints are properly plated and ramped when the roadway is opened to two lanes of traffic. See special provisions.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E		PIN 17793.00	
BRIDGE NO. 1505		BRIDGE PLANS	
INTERSTATE 295 SOUTHBOUND		DATE	
PRESUMPCOT RIVER		BY	
CUMBERLAND COUNTY		DOE	
FALMOUTH		CAH	
CONSTRUCTION PHASING		CHECKED-REVIEWED	
PLAN		DOE	
SHEET NUMBER		SIGNATURE	
33		P.E. NUMBER	
OF 55		DATE	



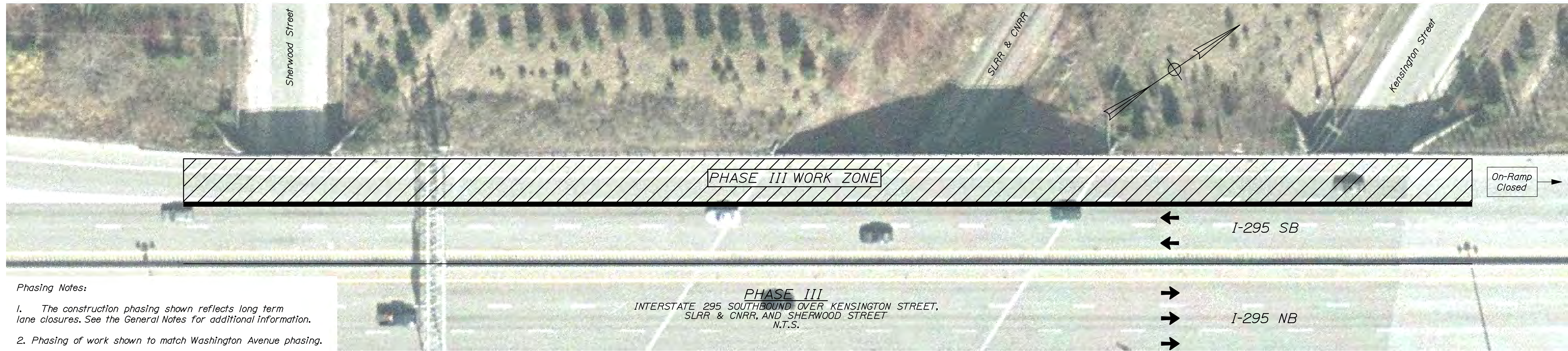
PHASE I
INTERSTATE 295 SOUTHBOUND OVER PRESUMPCOT RIVER
N.T.S.



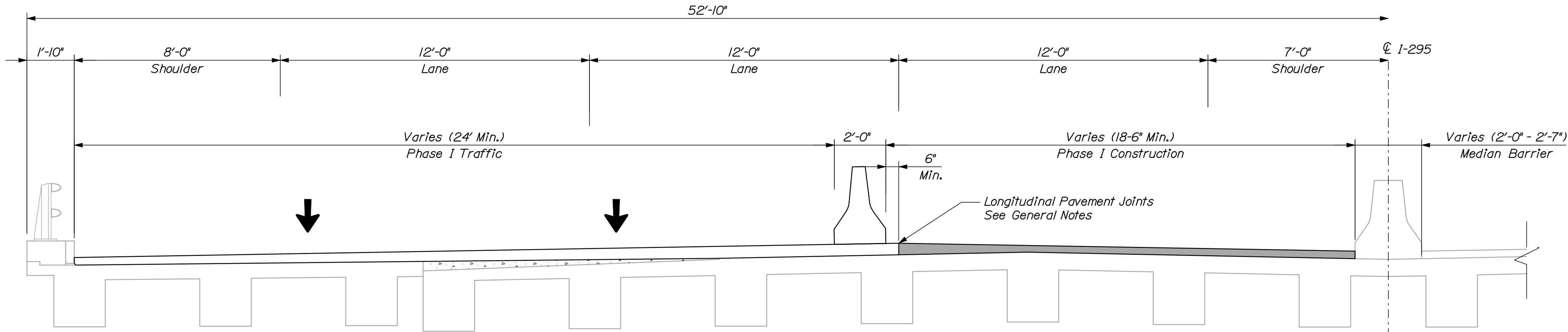
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INTERSTATE 295 SOUTHBOUND OVER PRESUMPCOT RIVER
N.T.S.

NOTE:
Sections are shown looking upstation.

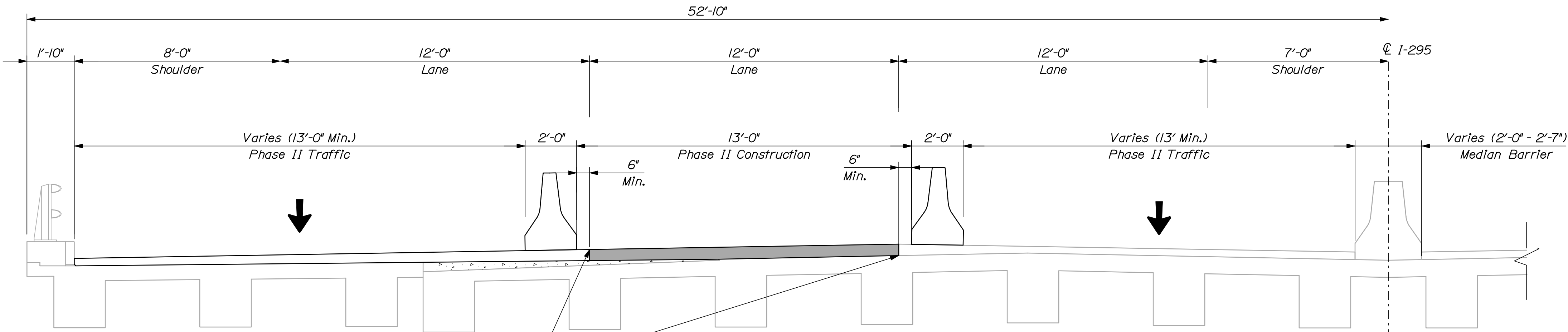
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	PROJ. MANAGER	DESIGN-DETAILED	C&H	DOE	BY	DATE
	CHECKED-REVIEWED	DOE	RWH	DOE	RWH	03/10
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SHEET NUMBER	34					
	OF 55					



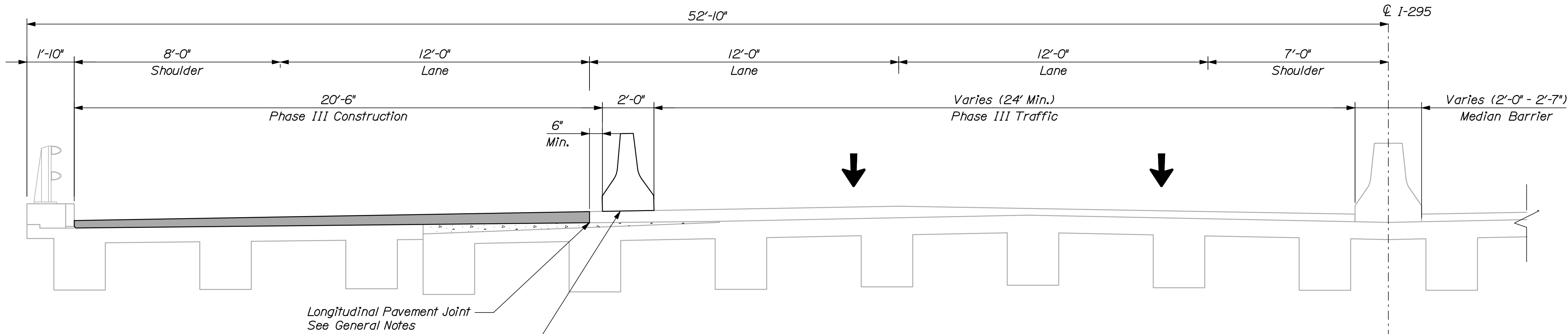
<div>35</div> <div>OF 55</div>	SHEET NUMBER				INTERSTATE 295 SOUTHBOUND KENSINGTON STREET, SLRR/CNRR & SHERWOOD STREET PORTLAND CUMBERLAND COUNTY				PROJ. MANAGER	DGE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E BRIDGE NO. 5618, 5616, 5617 PIN 17793.00 BRIDGE PLANS
	CONSTRUCTION PHASING PLAN				DESIGN-DETAILED	CAH	RWH	03/10					
					CHECKED-REVIEWED	DGE	-	03/10					
					DESIGN2-DETAILED2	-	-	SIGNATURE					
					DESIGN3-DETAILED3	-	-	P.E. NUMBER					
					REVISIONS 1	-	-						
					REVISIONS 2	-	-						
					REVISIONS 3	-	-						
					REVISIONS 4	-	-	DATE					
					FIELD CHANGES	-	-	-					



PHASE I
INTERSTATE 295 SOUTHBOUND OVER KENSINGTON STREET, SLRR & CNRR
AND SHERWOOD STREET
N.T.S.



PHASE II
INTERSTATE 295 SOUTHBOUND OVER KENSINGTON STREET, SLRR & CNRR
AND SHERWOOD STREET
N.T.S.



PHASE III
INTERSTATE 295 SOUTHBOUND OVER KENSINGTON STREET, SLRR & CNRR
AND SHERWOOD STREET
N.T.S.

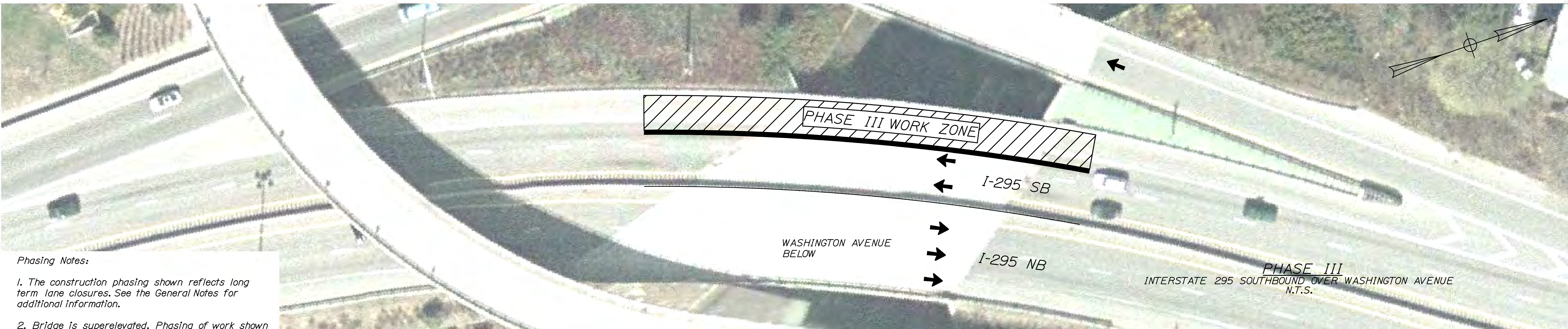
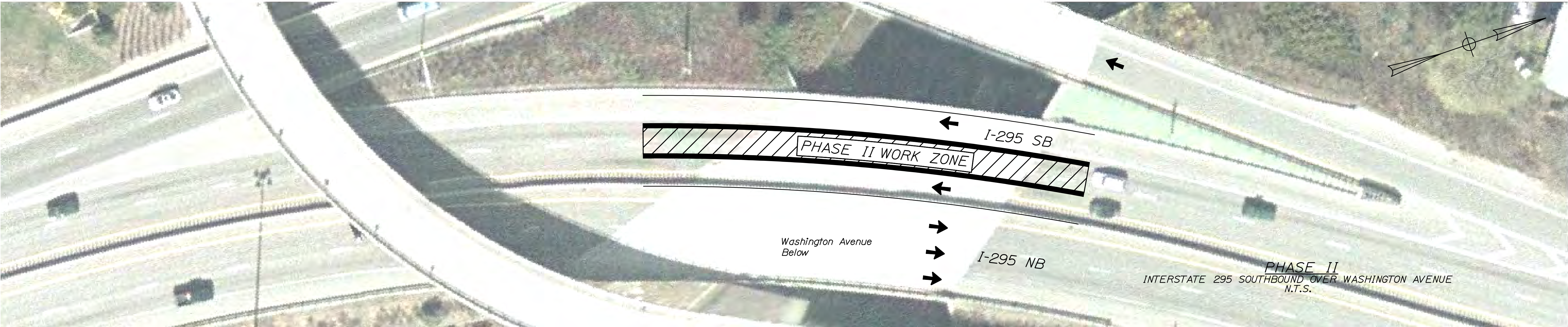
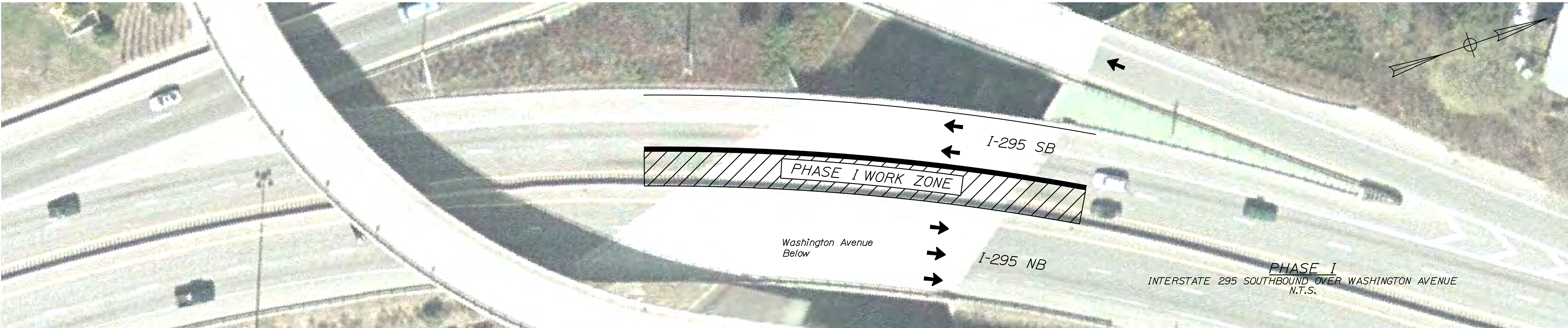
NOTE:
Sections are shown looking upstation.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	IM-1779(300)E	
	BRIDGE NO.	PIN
	5618, 5616, 5617	17793.00
BRIDGE PLANS		

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	DATE	SIGNATURE
DOE	CAH	RWH	03/10	03/10		
DESIGN-DETAILED	DOE					
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

INTERSTATE 295 SOUTHBOUND KENSINGTON STREET, SLRR/CNRR AND SHERWOOD STREET	
PORTLAND	CUMBERLAND COUNTY
CONSTRUCTION PHASING TYPICAL SECTION	

SHEET NUMBER
36
OF 55

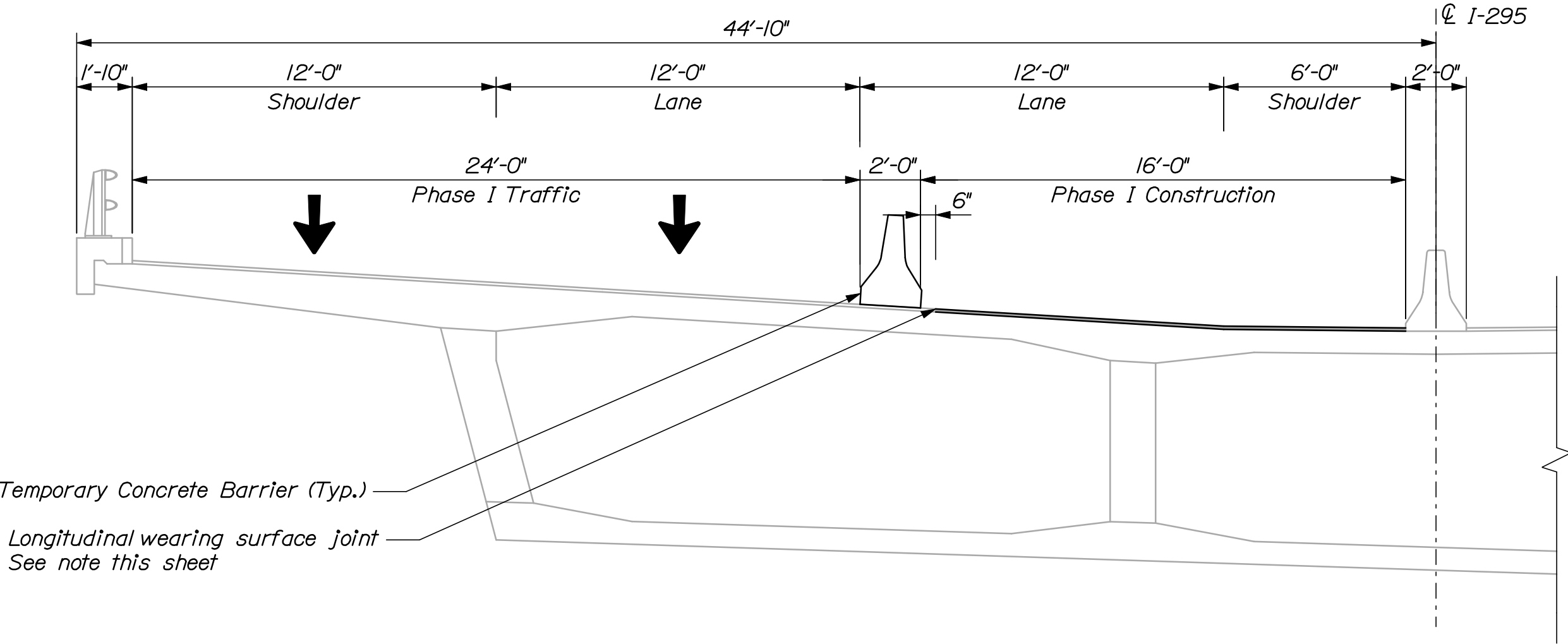


Phasing Notes:

1. The construction phasing shown reflects long term lane closures. See the General Notes for additional information.

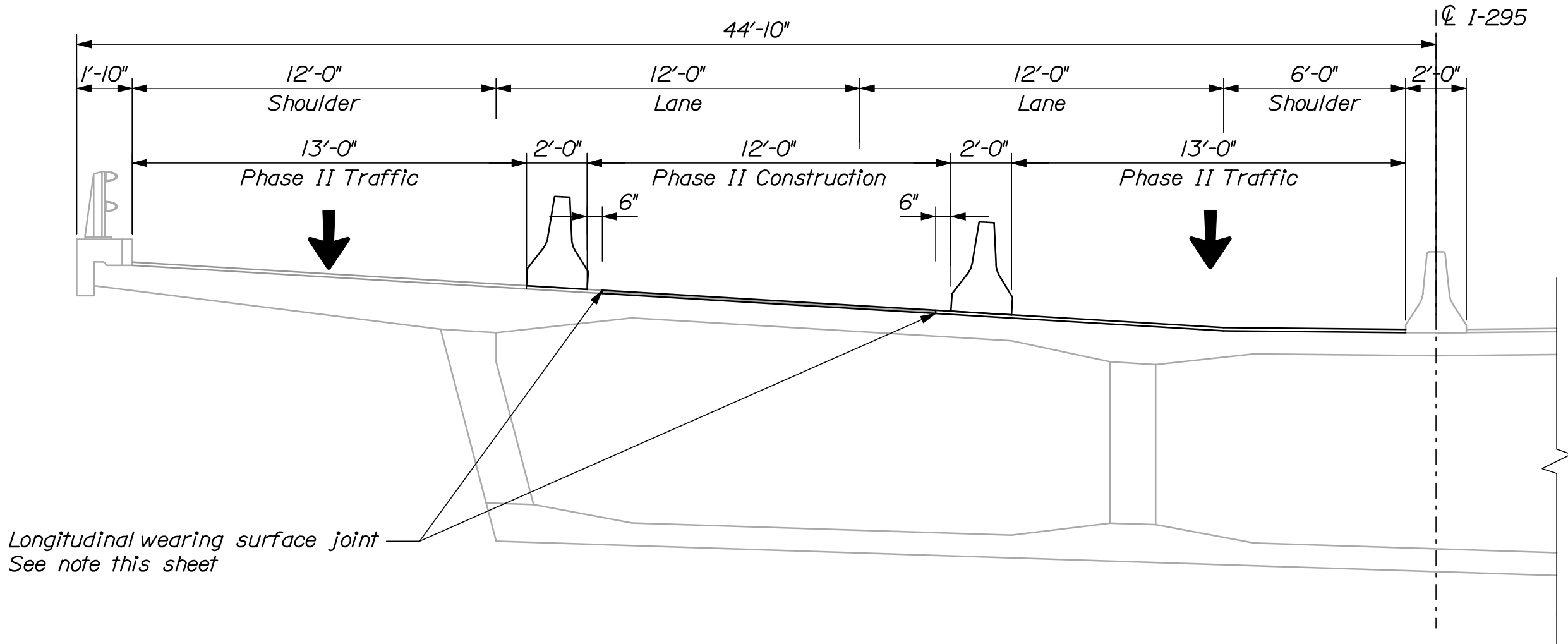
2. Bridge is superelevated. Phasing of work shown reflects construction and placement of concrete wearing surface on low side in Phase I.

INTERSTATE 295 SOUTHBOUND WASHINGTON AVENUE PORTLAND CUMBERLAND COUNTY										PROJ. MANAGER CAH CHECKED-REVIEWED DOE DESIGN2-DETAILED2 DESIGN3-DETAILED3 REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES		DOE RWH — — — — — — — — —		BY RWH — — — — — — — — —		DATE 03/10 03/10 — — — — — — — — —	
CONSTRUCTION PHASING PLAN										SIGNATURE		P.E. NUMBER		DATE			
STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E																	
BRIDGE NO. 0816										PIN 17793.00				BRIDGE PLANS			
SHEET NUMBER 37 OF 55																	



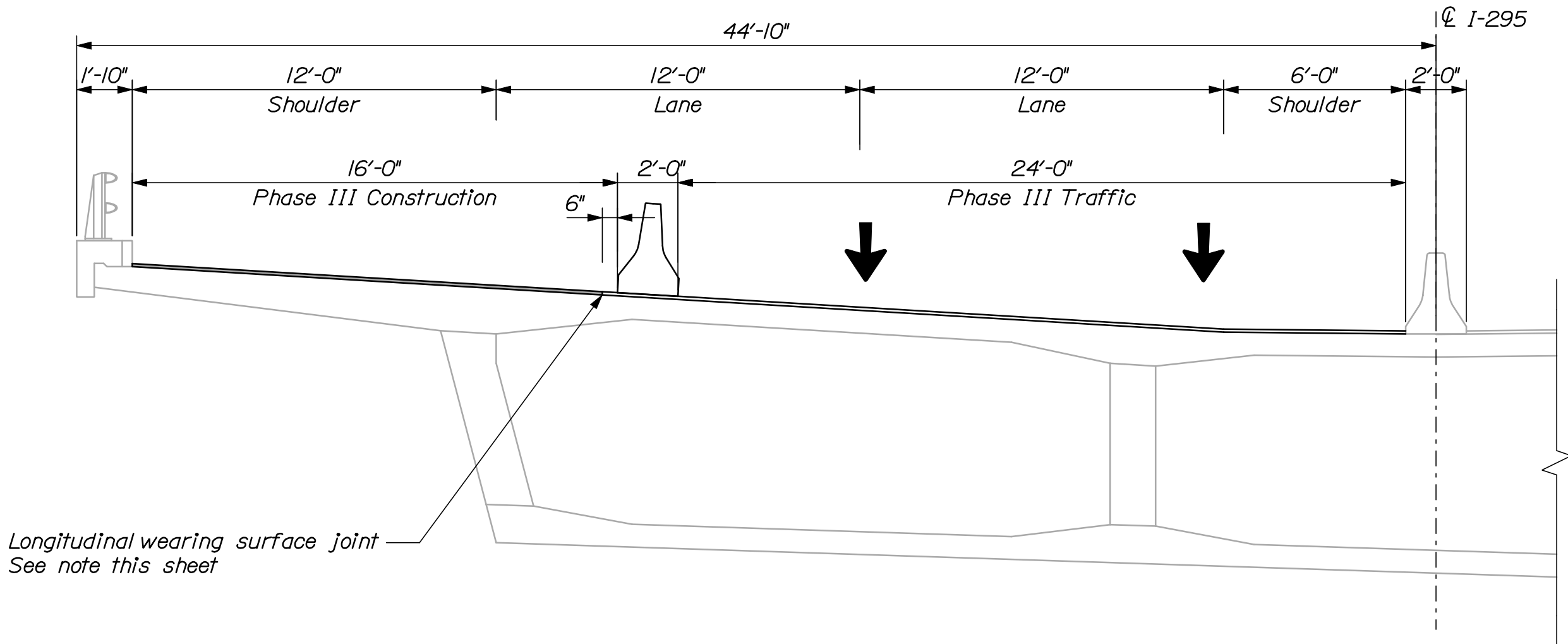
PHASE I

INTERSTATE 295 SOUTHBOUND OVER WASHINGTON AVENUE
N.T.S.



PHASE II

INTERSTATE 295 SOUTHBOUND OVER WASHINGTON AVENUE
N.T.S.



PHASE III

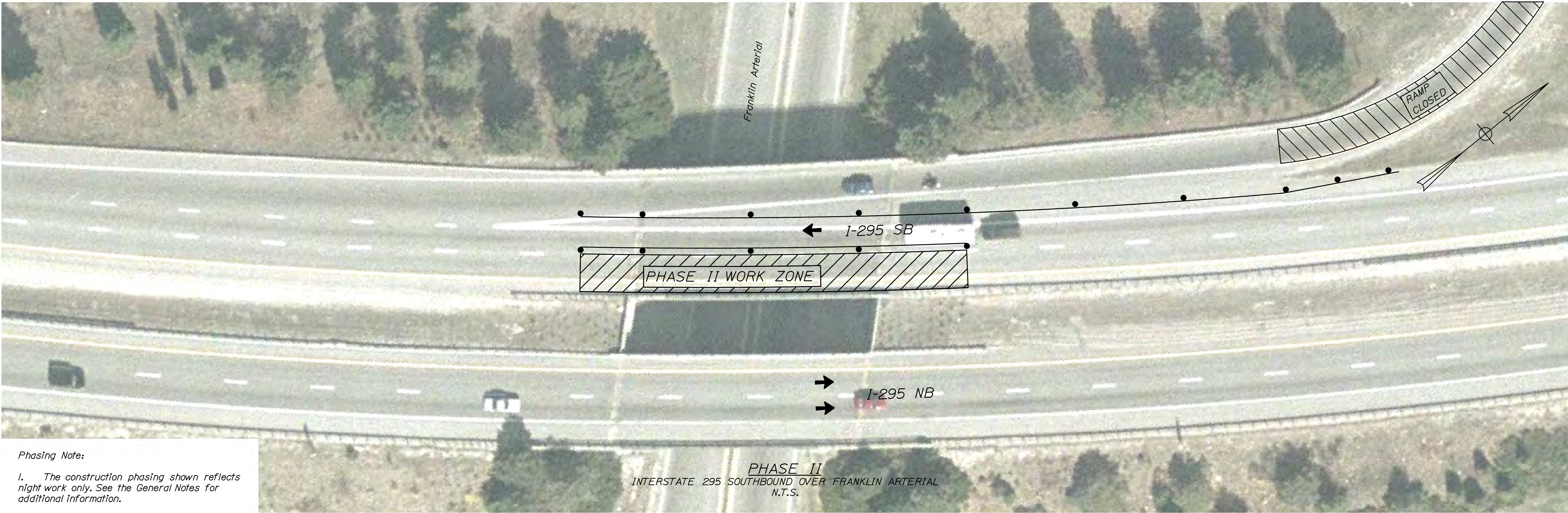
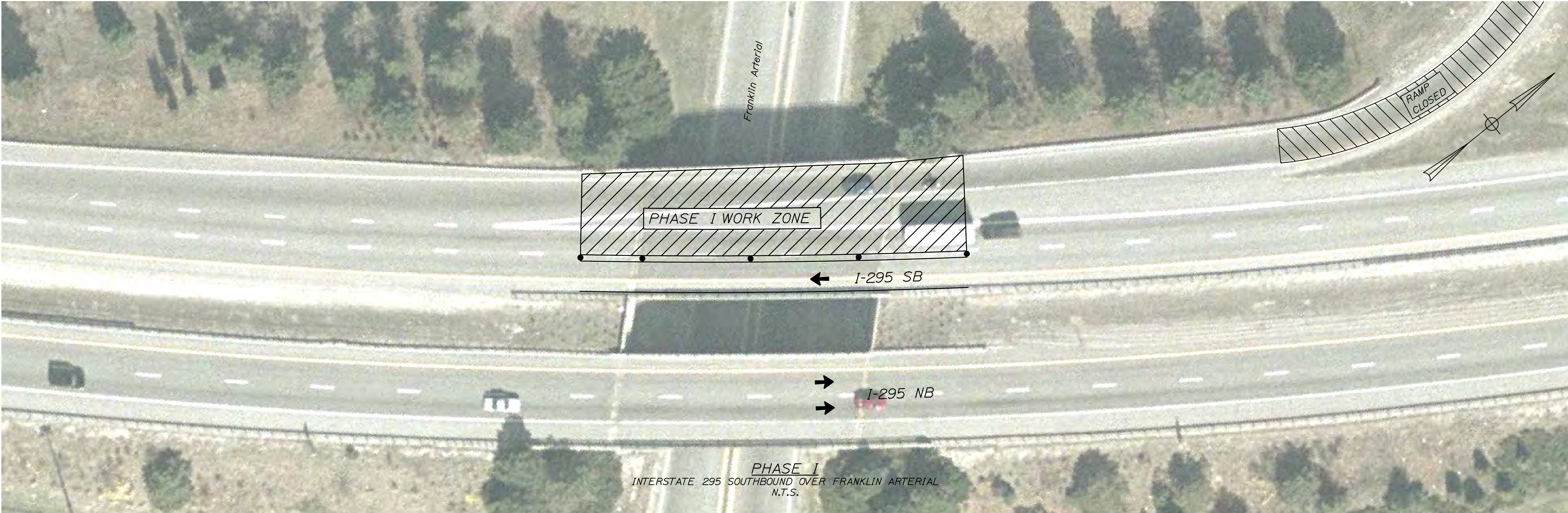
INTERSTATE 295 SOUTHBOUND OVER WASHINGTON AVENUE
N.T.S.

NOTES:

1. Longitudinal concrete wearing surface joints for the Washington Avenue Bridge are not located at crown lines or lane lines.

2. Sections are shown looking upstation.

INTERSTATE 295 SOUTHBOUND WASHINGTON AVENUE PORTLAND CUMBERLAND COUNTY										PROJ. MANAGER		DOE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E BRIDGE NO. 0816PIN 17793.00BRIDGE PLANS		
CONSTRUCTION PHASING TYPICAL SECTION										DESIGN-DETAILED		CAH	RWH	03\10			
										CHECKED-REVIEWED		DOE	-	-			SIGNATURE
										DESIGN2-DETAILED2		-	-	-			P.E. NUMBER
										DESIGN3-DETAILED3		-	-	-			
REVISIONS 1		-	-	-													
										REVISIONS 2		-	-	-	DATE		
										REVISIONS 3		-	-	-			
										REVISIONS 4		-	-	-			
										FIELD CHANGES		-	-	-			



Phasing Note:
1. The construction phasing shown reflects night work only. See the General Notes for additional information.

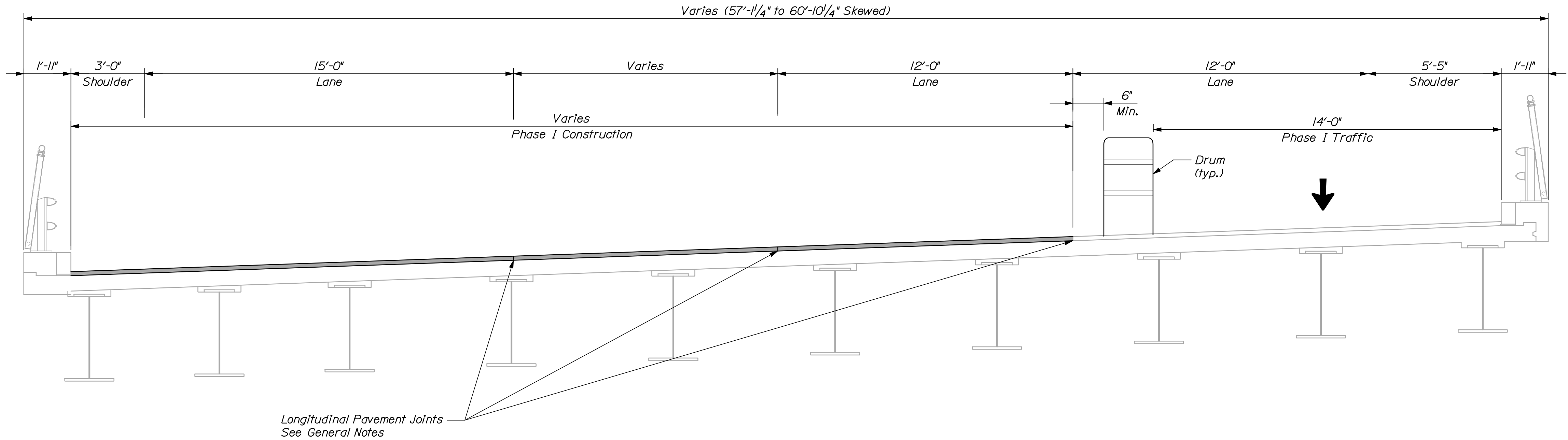
STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E	SHEET NUMBER		39	
	OF 55		BRIDGE PLANS	
	BRIDGE NO. 6300		PIN 17793.00	
INTERSTATE 295 SOUTHBOUND FRANKLIN ARTERIAL PORTLAND CUMBERLAND COUNTY CONSTRUCTION PHASING PLAN	PROJ. MANAGER	DOE	BY	DATE
	DESIGN-DETAILED	CAH	RWH	03/10
	CHECKED-REVIEWED	DOE	-	03/10
	DESIGN-DETAILED	-	-	-
SIGNATURE	P.E. NUMBER		DATE	
	REVISIONS 1		-	
	REVISIONS 2		-	
	REVISIONS 3		-	
FIELD CHANGES	REVISIONS 4		-	
	-		-	
	-		-	
	-		-	

Date: 3/26/2010

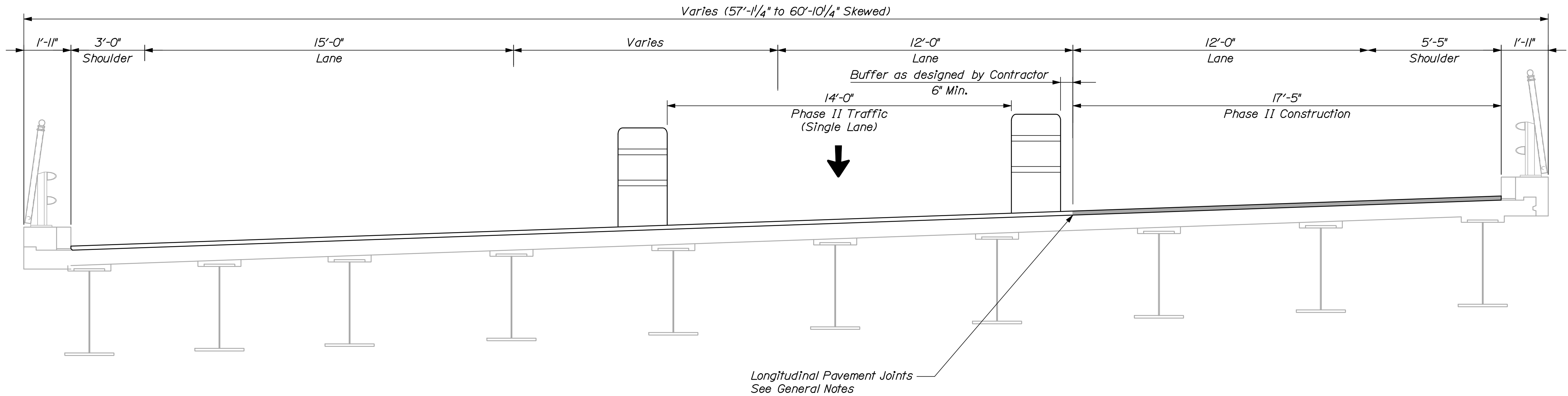
Username: mcundiff

Division: BRIDGE

Filename: 040_PhasingXsec-Franklin.dgn



PHASE I
 INTERSTATE 295 OVER FRANKLIN ARTERIAL
 N.T.S.



PHASE II
 INTERSTATE 295 OVER FRANKLIN ARTERIAL
 N.T.S.

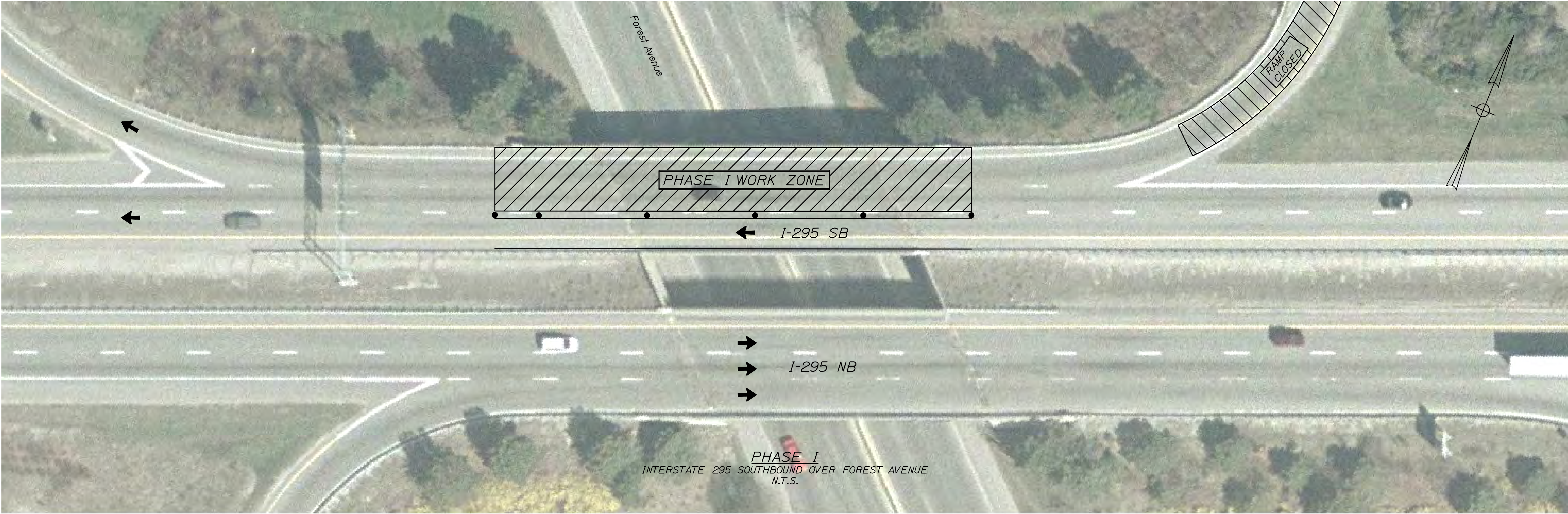
NOTE:
 Sections are shown looking upstation.

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
PIN	17793.00
BRIDGE NO. 6300	BRIDGE PLANS

PROJ. MANAGER	DESIGN-DETAILED	C&H	DOE	BY	DATE	SIGNATURE
CHECKED-REVIEWED	DOE	RWH	03/10			
DESIGN-DETAILED						
REVISIONS 1						P.E. NUMBER
REVISIONS 2						
REVISIONS 3						DATE
REVISIONS 4						
FIELD CHANGES						

INTERSTATE 295 SOUTHBOUND
FRANKLIN ARTERIAL
CUMBERLAND COUNTY
CONSTRUCTION PHASING
TYPICAL SECTION

SHEET NUMBER
40
OF 55



Phasing Note:

1.The construction phasing shown reflects night work only. See the General Notes For additional information.

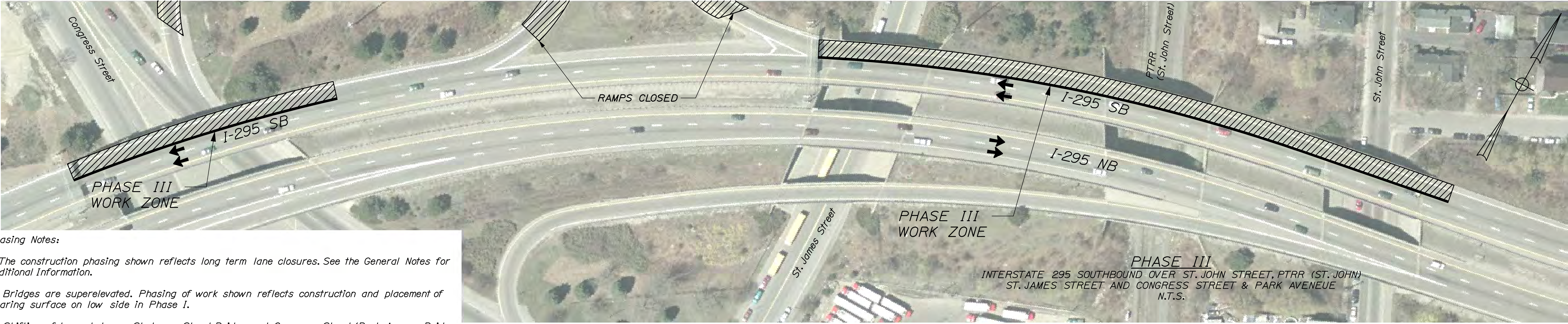
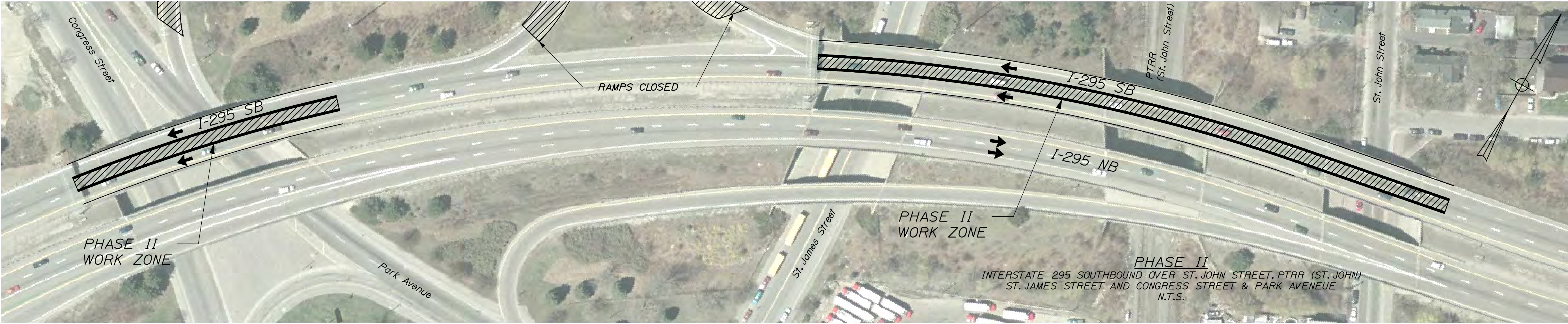
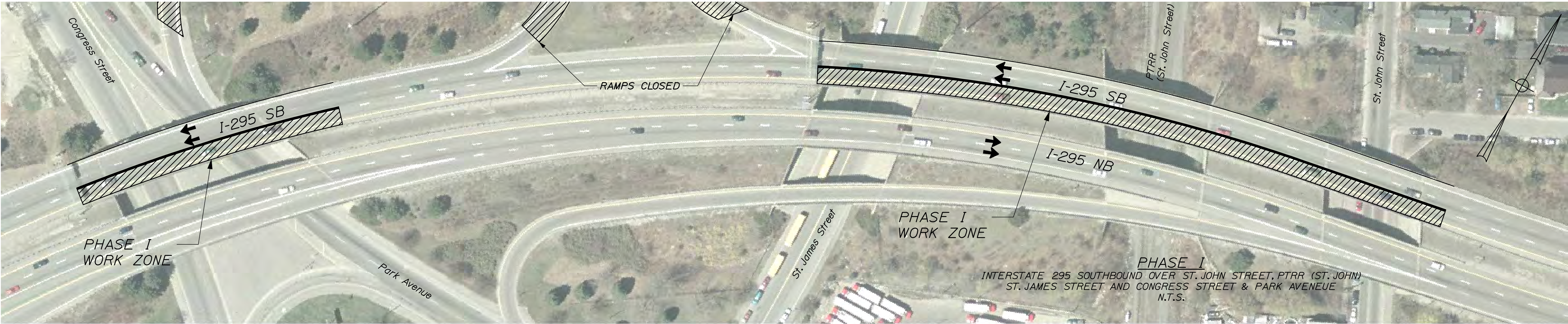
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E		PIN	
BRIDGE NO. 6298		17793.00	
BRIDGE PLANS			
INTERSTATE 295 SOUTHBOUND		SHEET NUMBER	
FOREST AVENUE		41	
PORTLAND CUMBERLAND COUNTY		OF 55	
CONSTRUCTION PHASING			
PLAN			
PROJ. MANAGER	DESIGN-DETAILED	C&H	DATE
CHECKED-REVIEWED	DGE	RWH	03/10
DESIGN-DETAILED			03/10
DESIGN-DETAILED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			
SIGNATURE			
P.E. NUMBER			
DATE			



PHASE II
INTERSTATE 295 SOUTHBOUND OVER FOREST AVENUE
N.T.S.



NOTE:
Sections are shown looking upstation.



Phasing Notes:

1. The construction phasing shown reflects long term lane closures. See the General Notes for additional information.
2. Bridges are superelevated. Phasing of work shown reflects construction and placement of wearing surface on low side in Phase I.
3. Shifting of lanes between St. James Street Bridge and Congress Street/Park Avenue Bridge will be required to stay on existing pavement.

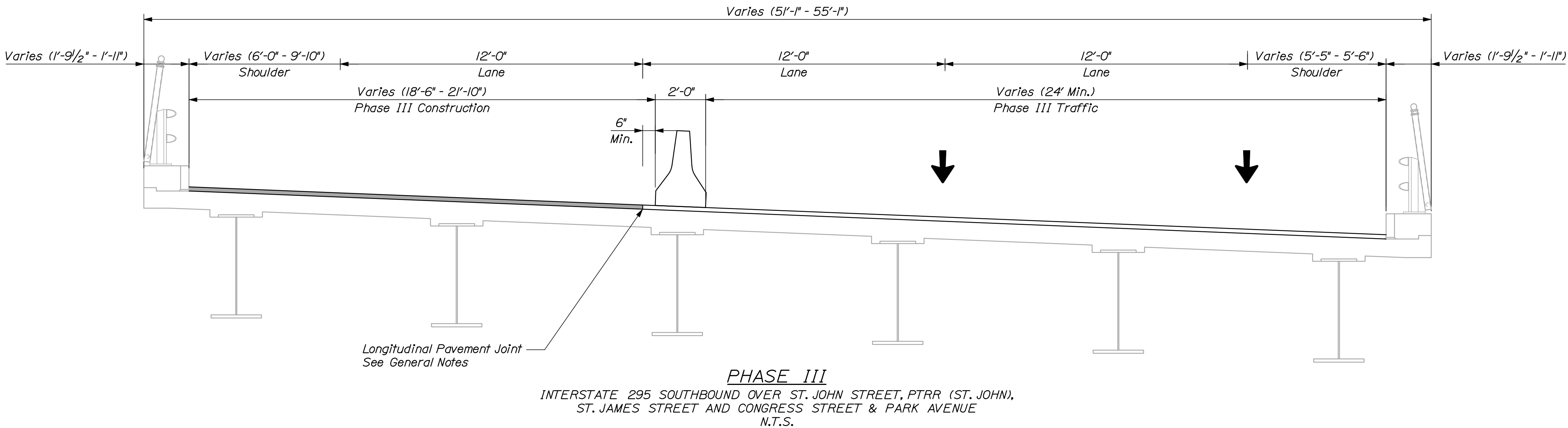
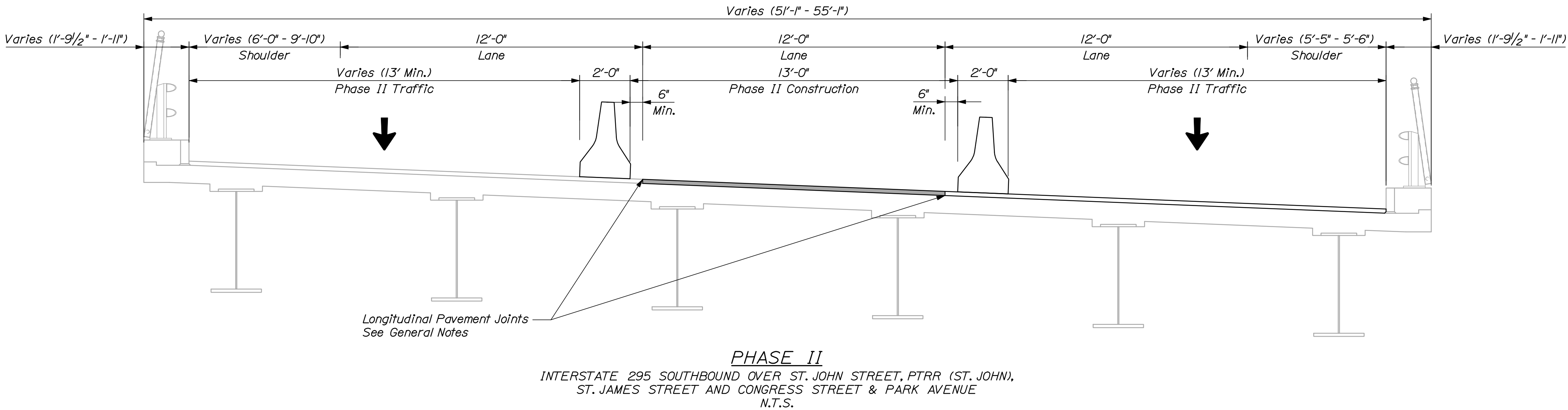
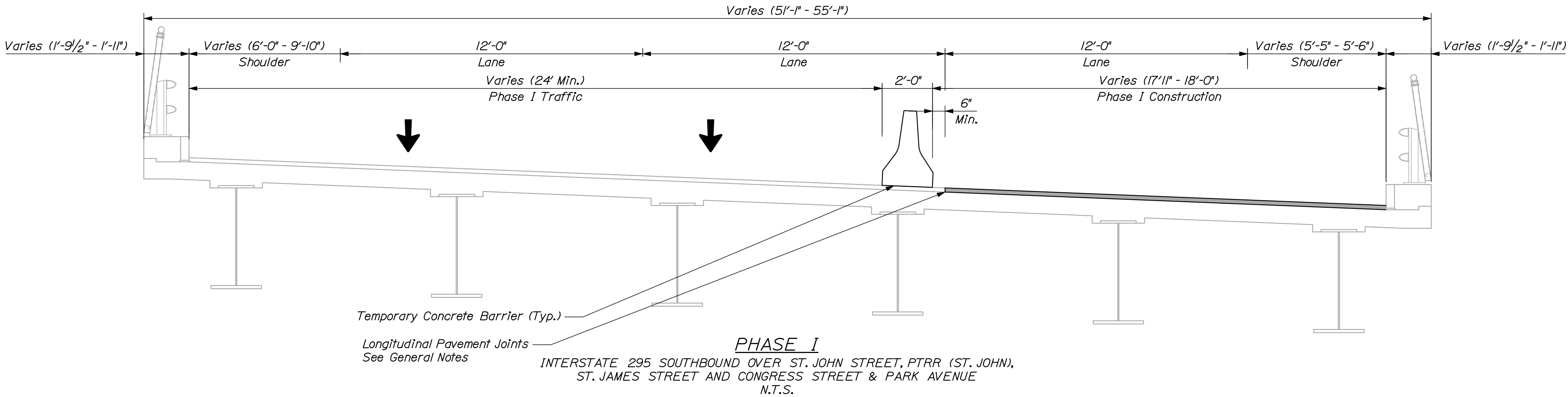
INTERSTATE 295 SOUTHBOUND ST. JOHN ST. PTRR (ST. JOHN), ST. JAMES ST. & CONGRESS ST. PORTLAND CUMBERLAND COUNTY		PROJ. MANAGER		DOE	BY	DATE	STATE OF MAINE	
		DESIGN-DETAILED	CAH		RWH	03/10	DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION PHASING PLAN		CHECKED-REVIEWED		DOE		03/10	SIGNATURE	
		DESIGN-DETAILED		DOE			P.E. NUMBER	
		DESIGN-DETAILED		DOE3			DATE	
		REVISIONS 1					BRIDGE NO. 6297, 6296, 6295 & 6294	
		REVISIONS 2					PIN 17793.00	
SHEET NUMBER 43 OF 55		REVISIONS 3					BRIDGE PLANS	
		REVISIONS 4						
		FIELD CHANGES						

Date: 3/26/2010

Username: mcardiff

Division: BRIDGE

Filename: 044_PhasingXsec-Location6.dgn



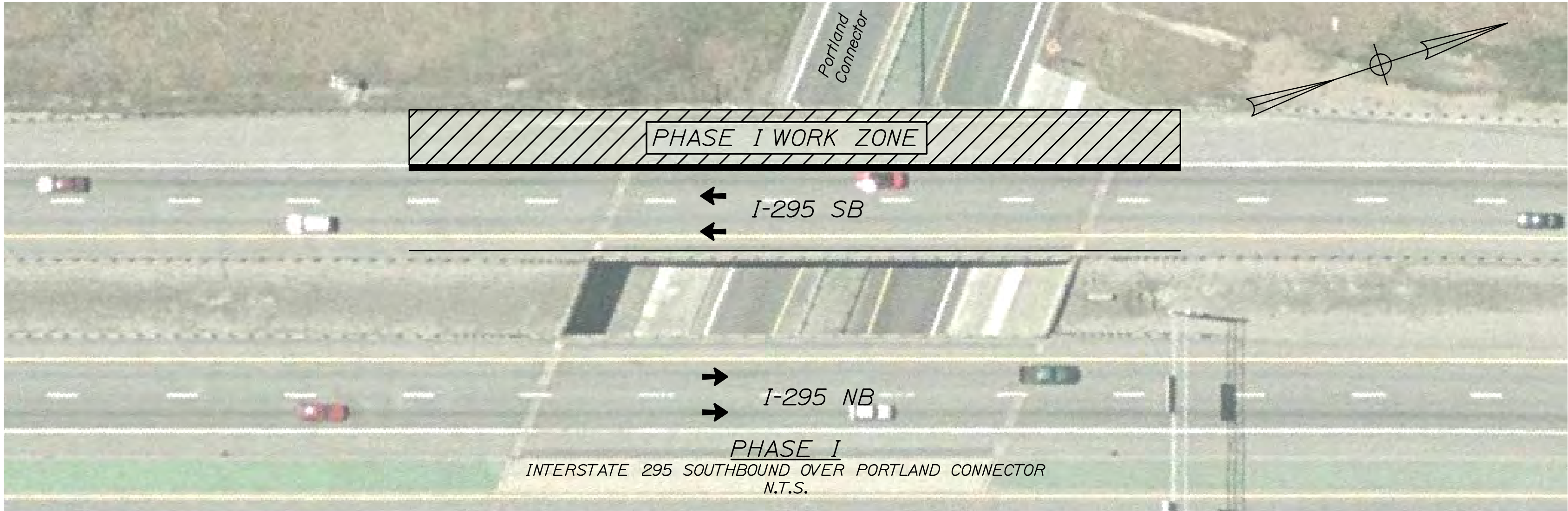
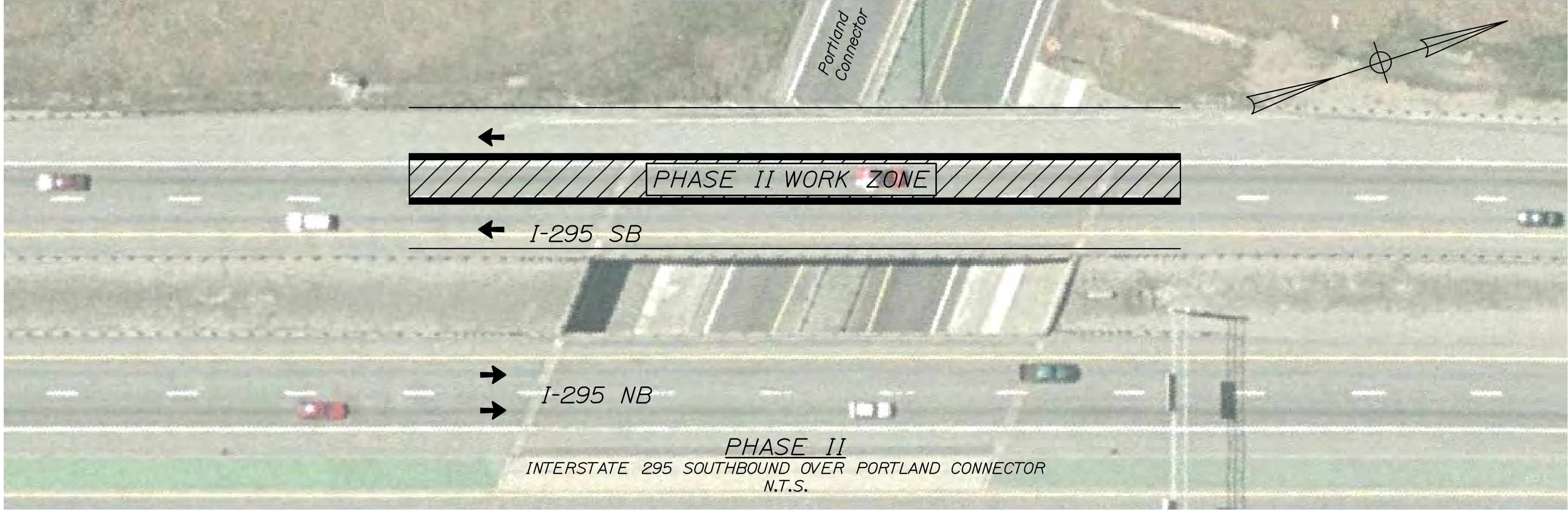
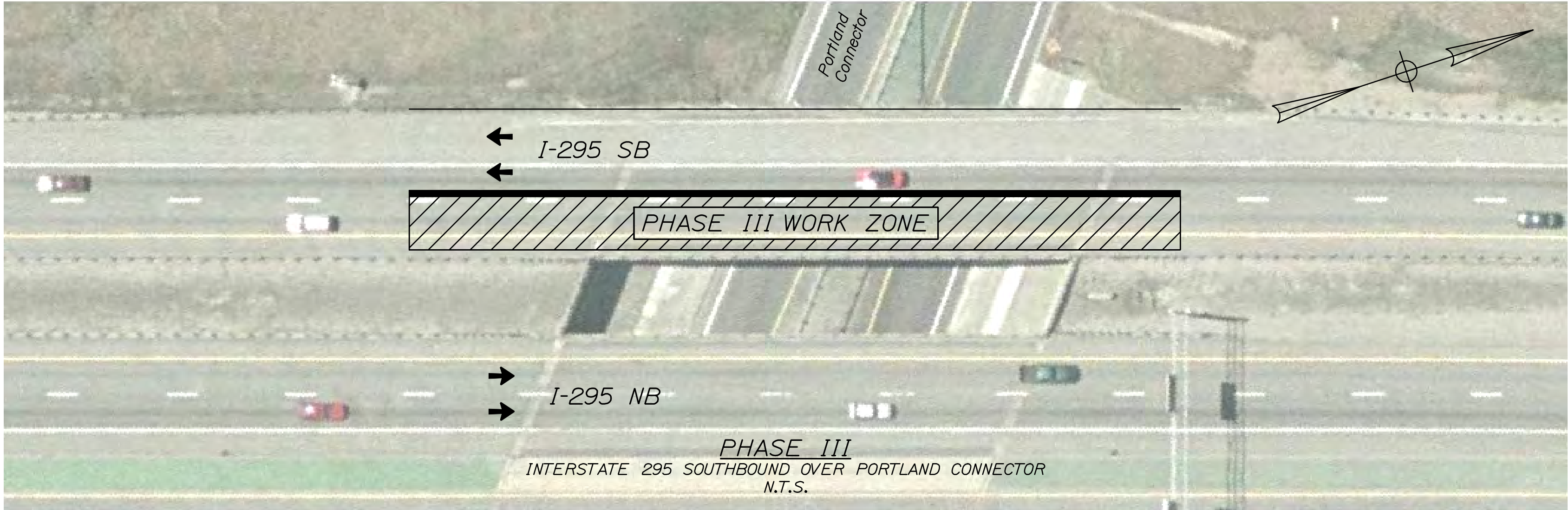
NOTE:
Sections are shown looking upstation.

PROJ. MANAGER	DESIGNED	CHECKED	REVIEWED	DATE
CAH	DOE	RWH	DOE	03/10
DESIGNED	DOE	DOE	DOE	03/10
DESIGNED	DOE	DOE	DOE	03/10
REVISIONS 1	DOE	DOE	DOE	03/10
REVISIONS 2	DOE	DOE	DOE	03/10
REVISIONS 3	DOE	DOE	DOE	03/10
REVISIONS 4	DOE	DOE	DOE	03/10
FIELD CHANGES	DOE	DOE	DOE	03/10

INTERSTATE 295 SOUTHBOUND ST. JOHN ST, PTRR (ST. JOHN), ST. JAMES ST, & CONGRESS ST./PARK AVE. PORTLAND CUMBERLAND COUNTY	CONSTRUCTION PHASING TYPICAL SECTION
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Phasing Note:

1. The construction phasing shown reflects long term lane closures. See the General Notes for additional information.

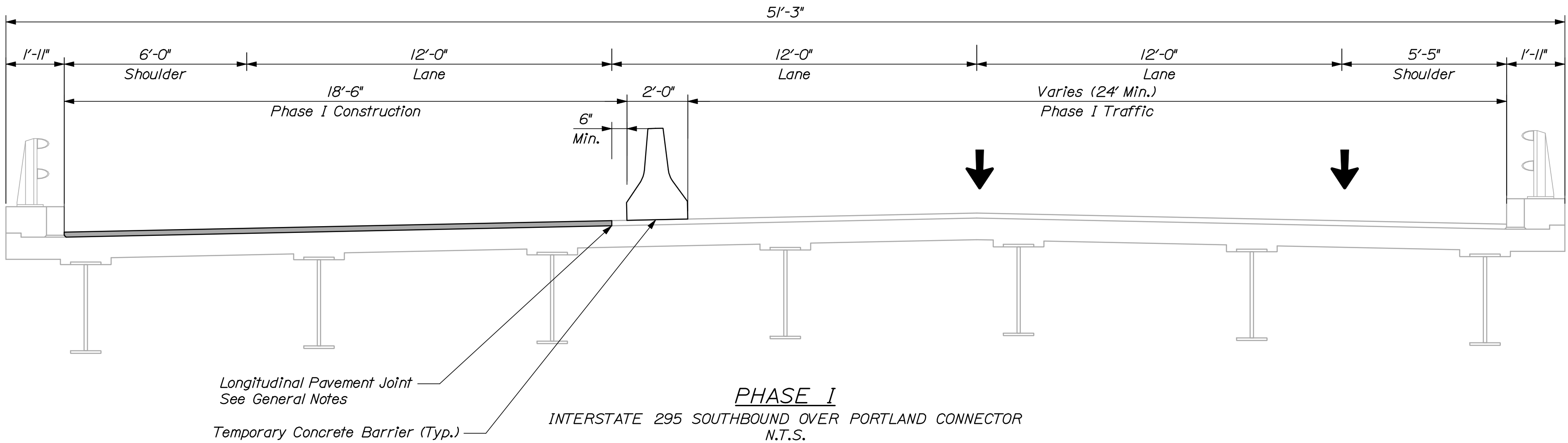


INTERSTATE 295 SOUTHBOUND
PORTLAND CONNECTOR
PORTLAND CUMBERLAND COUNTY
CONSTRUCTION PHASING
PLAN

SHEET NUMBER
45
OF 55

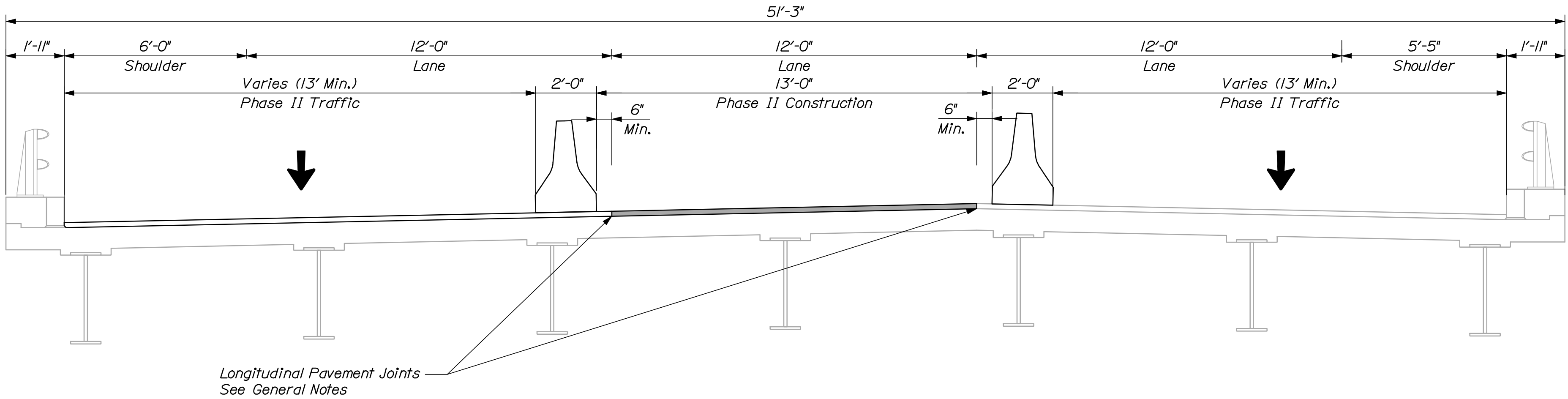
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
IM-1779(300)E
BRIDGE NO. 6292
PIN 17793.00
BRIDGE PLANS

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DOE	BY	DATE	SIGNATURE
	CAH	DOE	RWH	03/10	03/10	
DESIGN-DETAILED						P.E. NUMBER
REVISIONS 1						DATE
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						



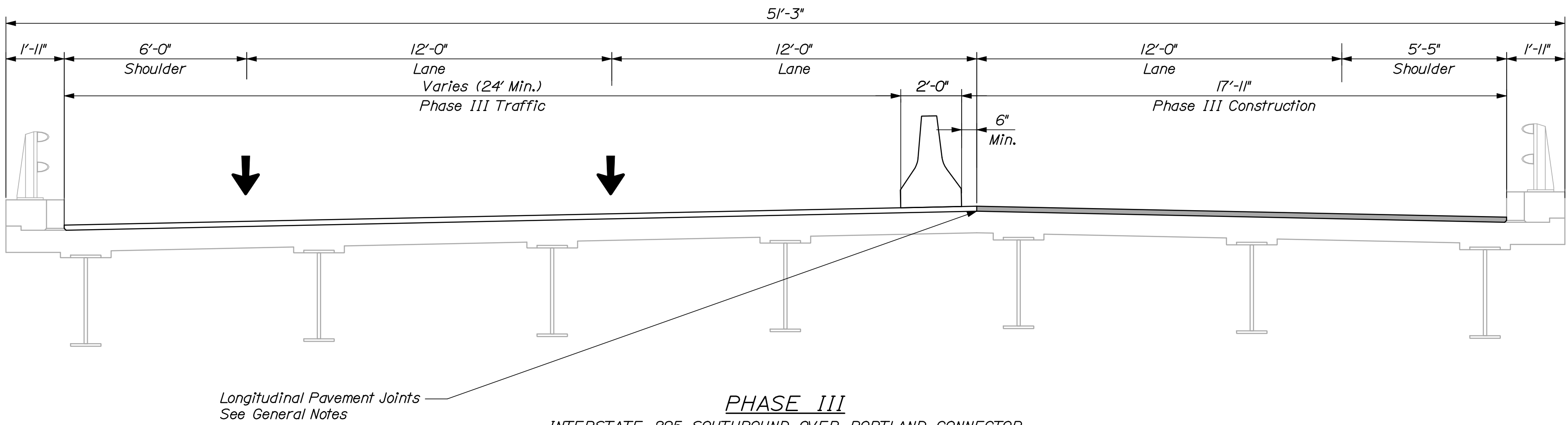
Longitudinal Pavement Joint
See General Notes
Temporary Concrete Barrier (Typ.)

PHASE I
INTERSTATE 295 SOUTHBOUND OVER PORTLAND CONNECTOR
N.T.S.



Longitudinal Pavement Joints
See General Notes

PHASE II
INTERSTATE 295 SOUTHBOUND OVER PORTLAND CONNECTOR
N.T.S.



Longitudinal Pavement Joints
See General Notes

PHASE III
INTERSTATE 295 SOUTHBOUND OVER PORTLAND CONNECTOR
N.T.S.

NOTE:
Sections are shown looking upstation.

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
BRIDGE NO. 6292	PIN 17793.00
BRIDGE PLANS	

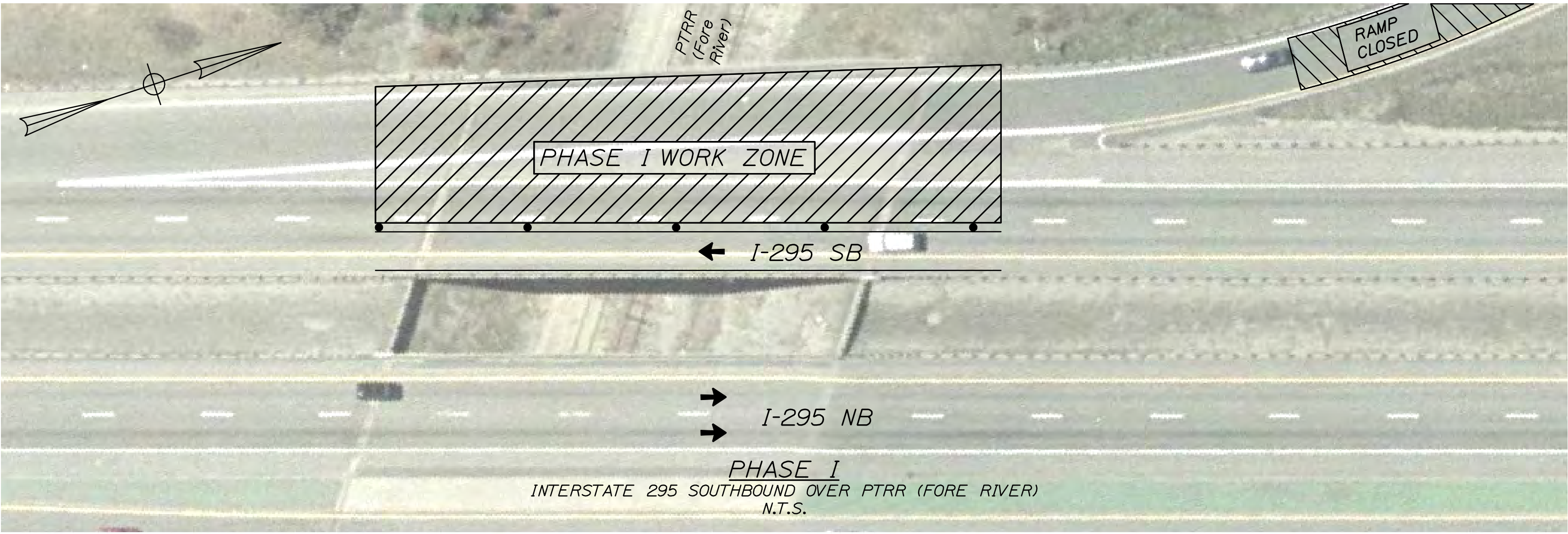
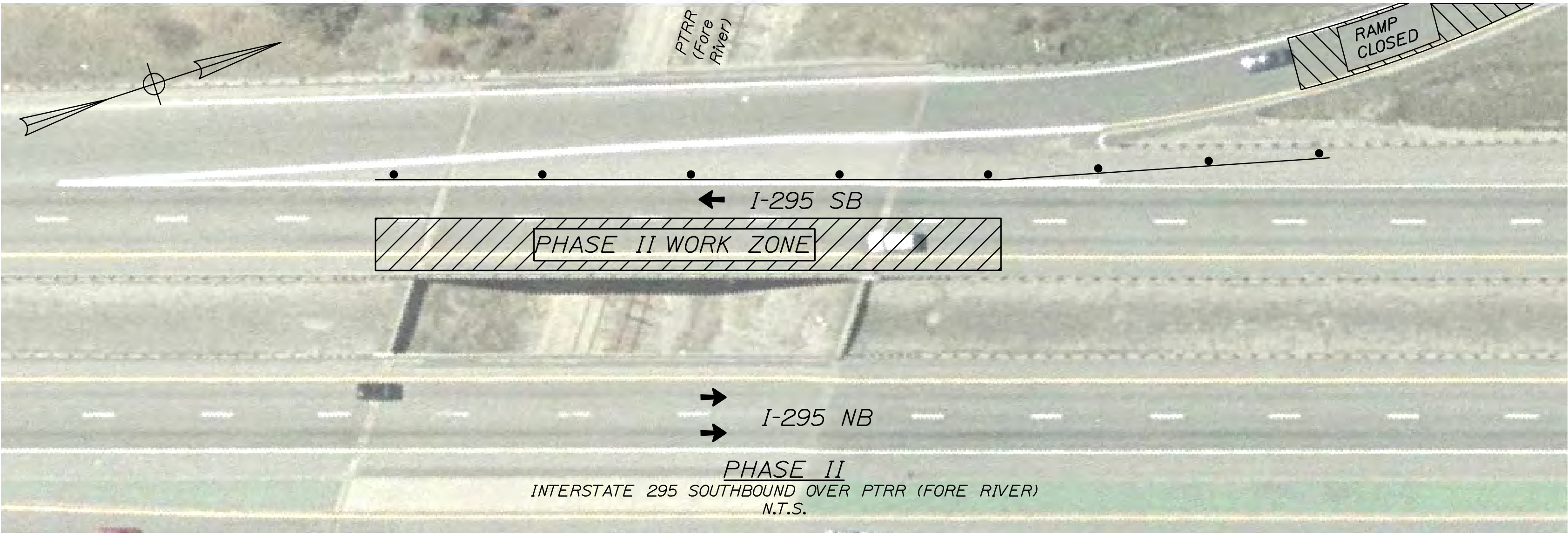
PROJ. MANAGER	DESIGNED	CHECKED	REVIEWED	DATE
CAH	RWH	03/10	03/10	
SIGNATURE				
P.E. NUMBER				
DATE				
FIELD CHANGES				

INTERSTATE 295 SOUTHBOUND	
PORTLAND CONNECTOR	
CUMBERLAND COUNTY	
CONSTRUCTION PHASING	
TYPICAL SECTION	

SHEET NUMBER
46
OF 55

Phasing Note:

1. The construction phasing shown reflects night work only. See the General Notes for additional information.



INTERSTATE 295 SOUTHBOUND
PTRR (FORE RIVER)
PORTLAND CUMBERLAND COUNTY

CONSTRUCTION PHASING
PLAN

SHEET NUMBER

47

OF 55

STATE OF MAINE

DEPARTMENT OF TRANSPORTATION

IM-1779(300)E

BRIDGE NO.
6291

PIN

17793.00

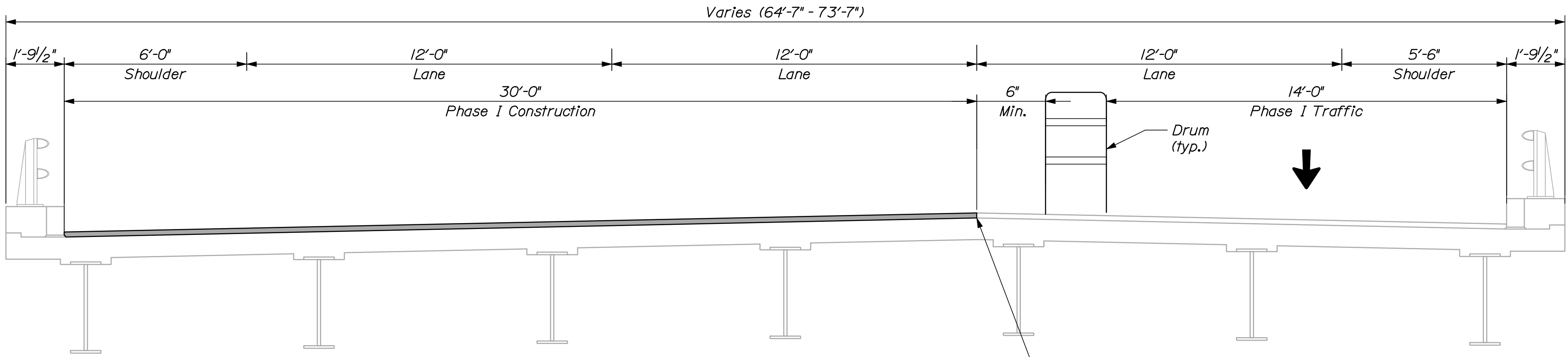
BRIDGE PLANS

PROJ. MANAGER	DOE	BY	DATE
DESIGN-DETAILED	CAH	RWH	03/10
CHECKED-REVIEWED	DOE	-	03/10
DESIGN-DETAILED	-	-	-
DESIGN-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-

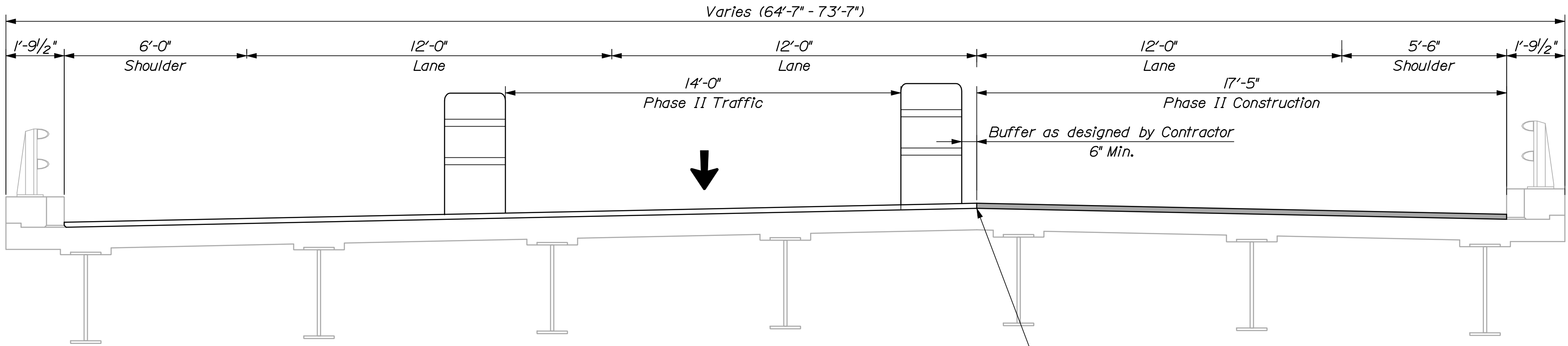
SIGNATURE

P.E. NUMBER

DATE



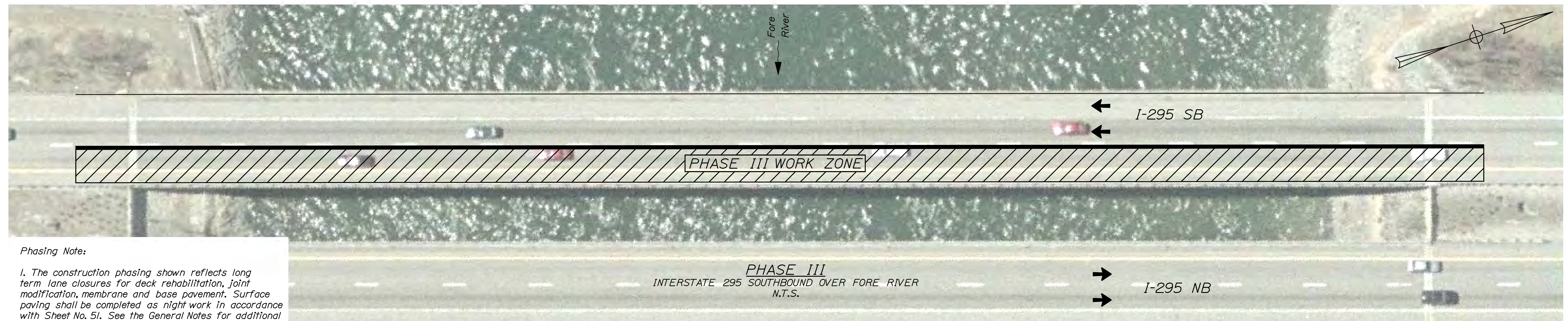
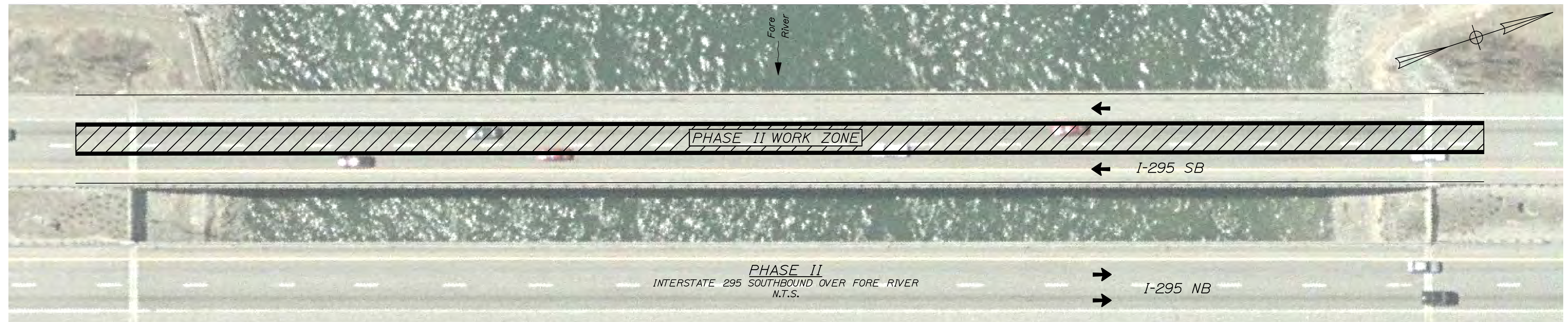
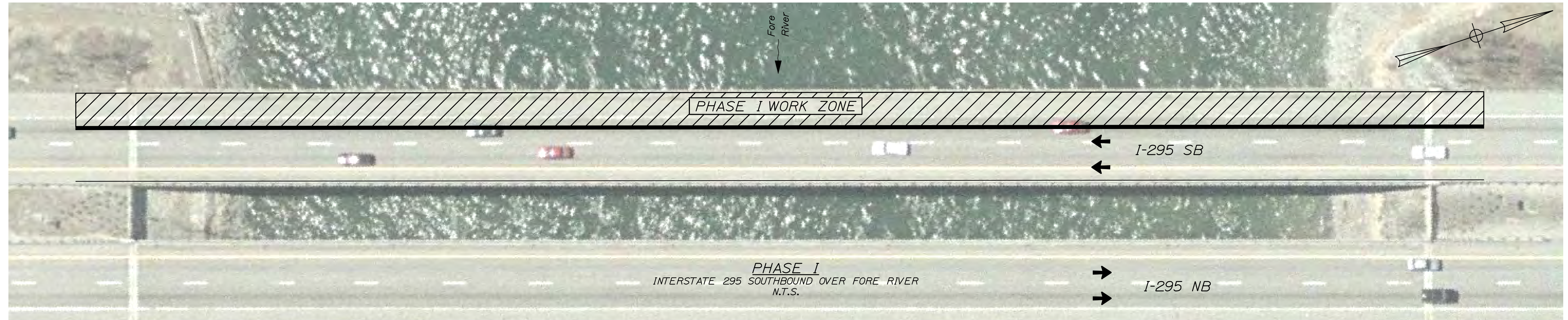
PHASE I
INTERSTATE 295 SOUTHBOUND OVER PTRR (FORE RIVER)
N.T.S.



PHASE II
INTERSTATE 295 SOUTHBOUND OVER PTRR (FORE RIVER)
N.T.S.

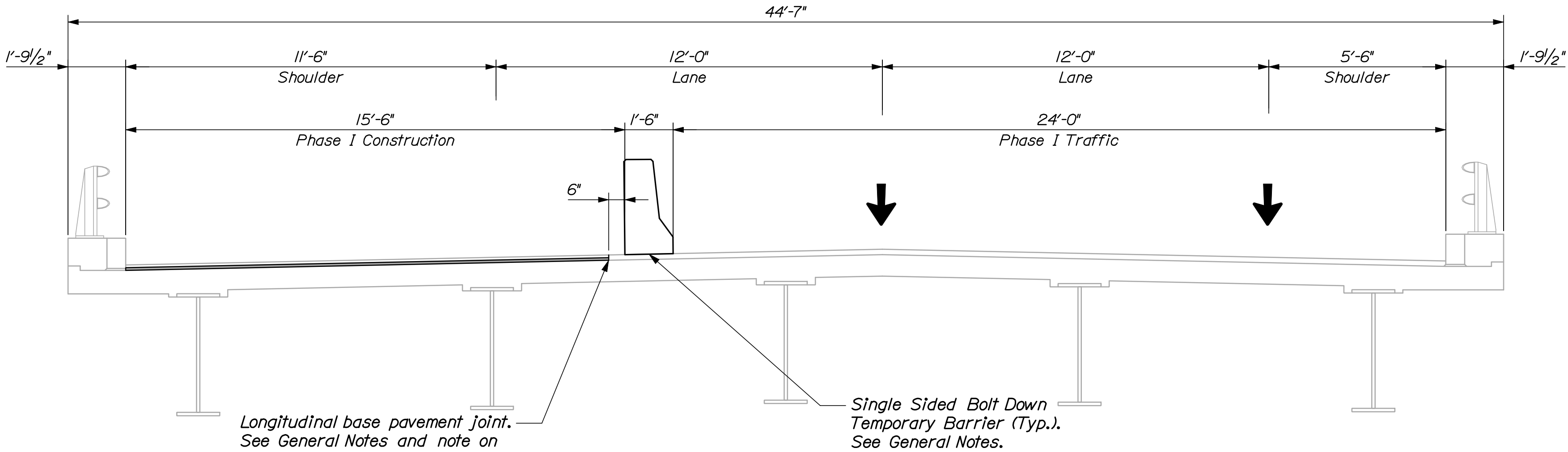
NOTE:
Sections are shown looking upstation.

INTERSTATE 295 SOUTHBOUND										STATE OF MAINE									
PTRR (FORE RIVER)										DEPARTMENT OF TRANSPORTATION									
PORTLAND CUMBERLAND COUNTY										IM-1779(300)E									
CONSTRUCTION PHASING										BRIDGE NO. 6291									
TYPICAL SECTION										PIN 17793.00									
BRIDGE PLANS																			
SHEET NUMBER																			
48																			
OF 55																			

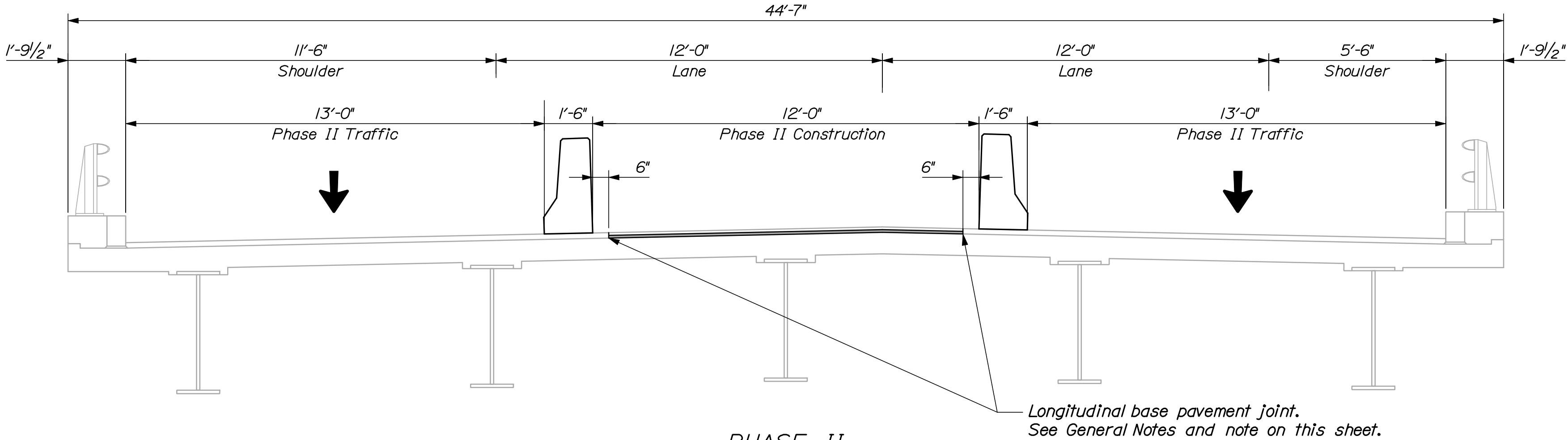


1. The construction phasing shown reflects long term lane closures for deck rehabilitation, joint modification, membrane and base pavement. Surface paving shall be completed as night work in accordance with Sheet No. 5I. See the General Notes for additional information.

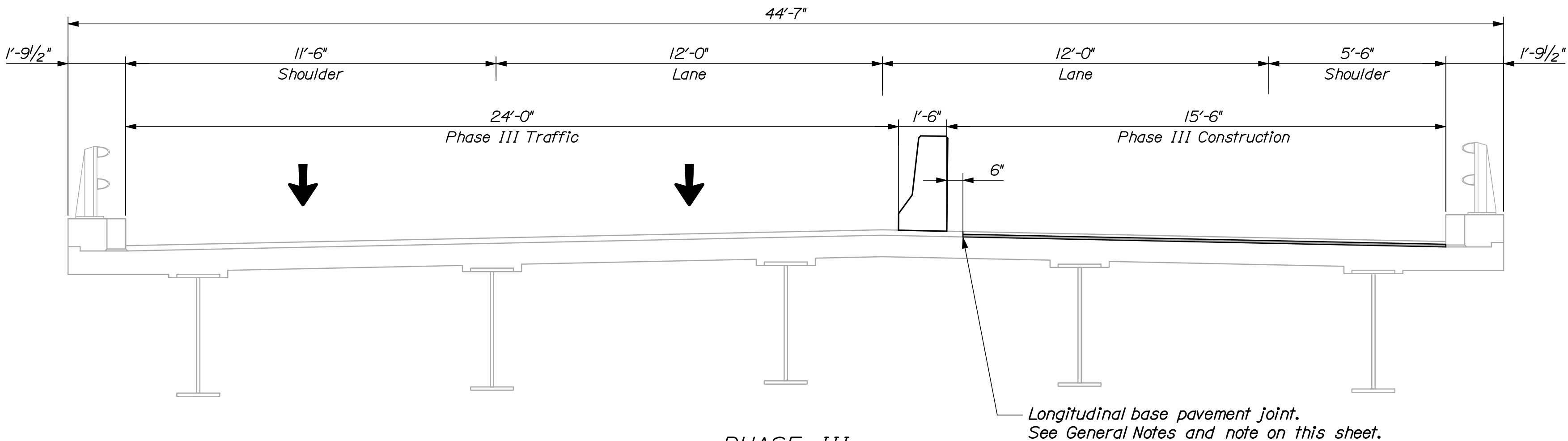
49 OF 55		SHEET NUMBER	INTERSTATE 295 SOUTHBOUND FORE RIVER PORTLAND CUMBERLAND COUNTY CONSTRUCTION PHASING PLAN										STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E			
			PROJ. MANAGER			DOE	BY	DATE	SIGNATURE							
			DESIGN-DETAILED			CAH	RIWH	03/10								
			CHECKED-REVIEWED			DOE	-	03/10								
			DESIGN-2-DETAILED2			-	-	-								
DESIGN-3-DETAILED3			-	-	-	P.E. NUMBER										
REVISIONS 1			-	-	-											
REVISIONS 2			-	-	-											
REVISIONS 3			-	-	-											
REVISIONS 4			-	-	-	DATE										
FIELD CHANGES			-	-	-											
BRIDGE NO. 6281		PIN		17793.00		BRIDGE PLANS										



PHASE I
INTERSTATE 295 SOUTHBOUND OVER FORE RIVER
N.T.S.



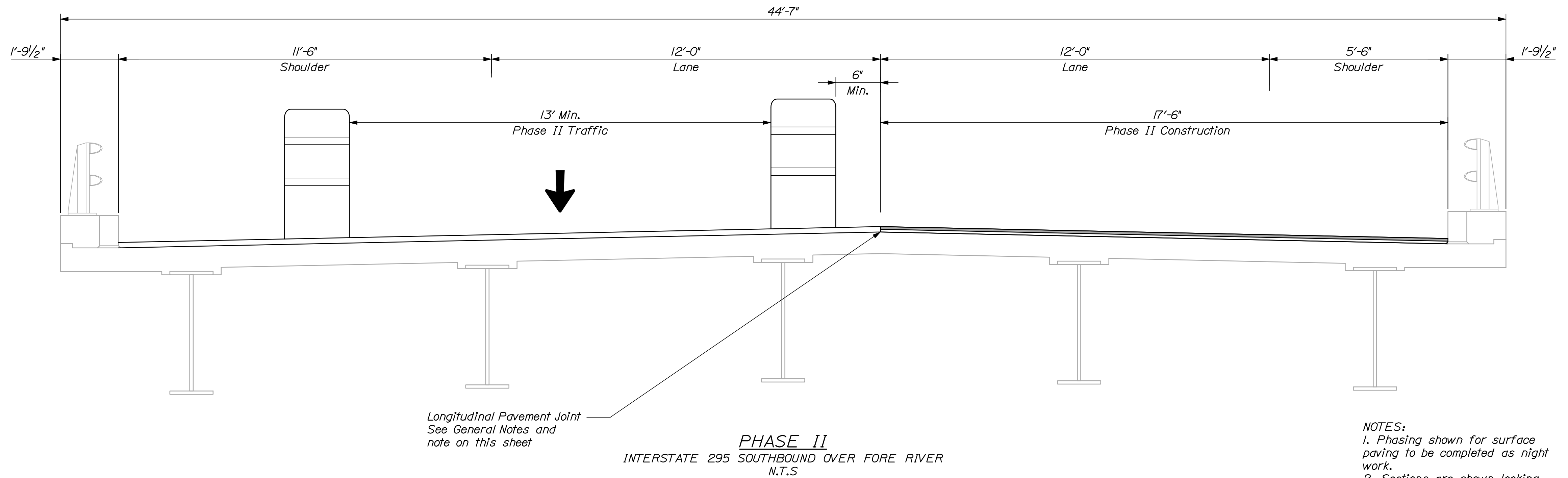
PHASE II
INTERSTATE 295 SOUTHBOUND OVER FORE RIVER
N.T.S.



PHASE III
INTERSTATE 295 SOUTHBOUND OVER FORE RIVER
N.T.S.

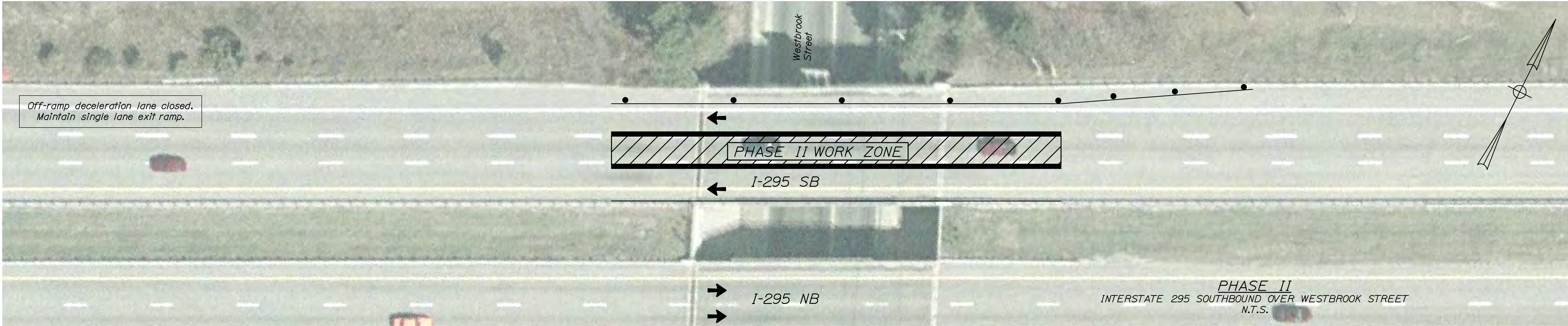
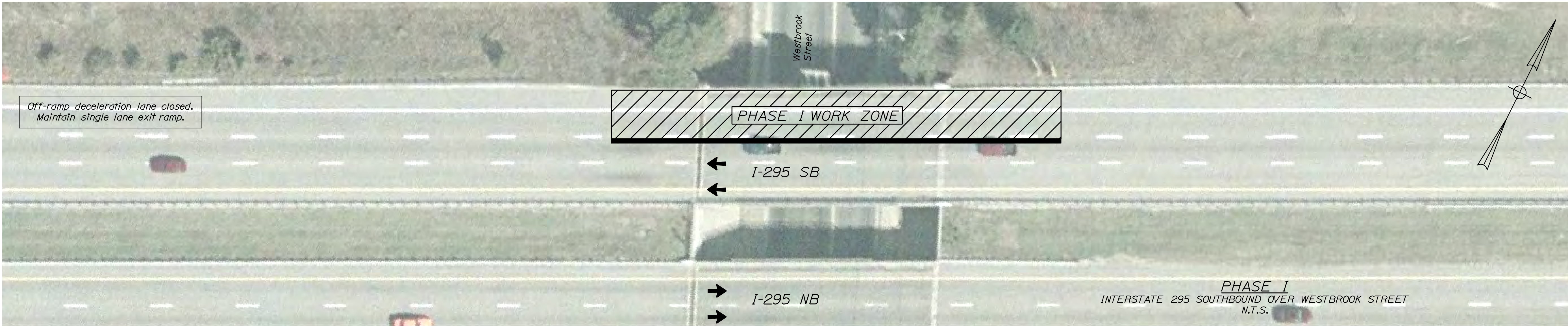
NOTES:
1. Phasing shown for deck rehabilitation, joint modification, membrane and base pavement. Surface paving shall be completed as night work. See next sheet.
2. Sections are shown looking upstation.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		SIGNATURE		DATE		BY		DOE		PROJ. MANAGER		INTERSTATE 295 SOUTHBOUND		SHEET NUMBER	
												FORE RIVER			
IM-1779(300)E		P.E. NUMBER		DATE		BY		DOE		PROJ. MANAGER		PORTLAND		50	
												CUMBERLAND COUNTY		OF 55	
												CONSTRUCTION PHASING			
BRIDGE NO. 6281 PIN 17793.00 BRIDGE PLANS		DATE		BY		DOE		PROJ. MANAGER		TYPICAL SECTION		CONSTRUCTION PHASING		50	
												TYPICAL SECTION		OF 55	



NOTES:

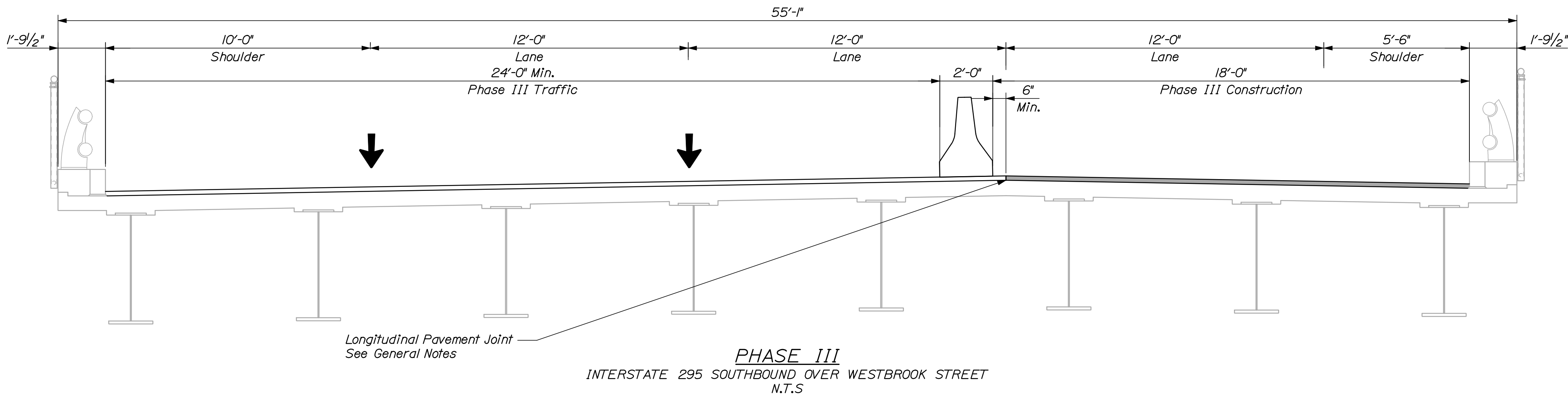
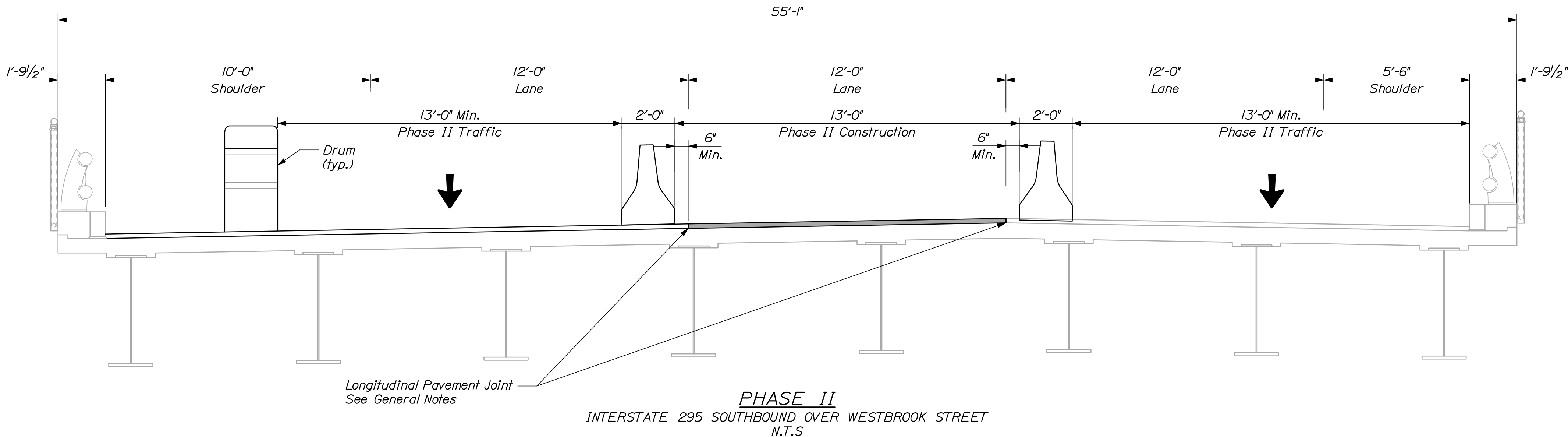
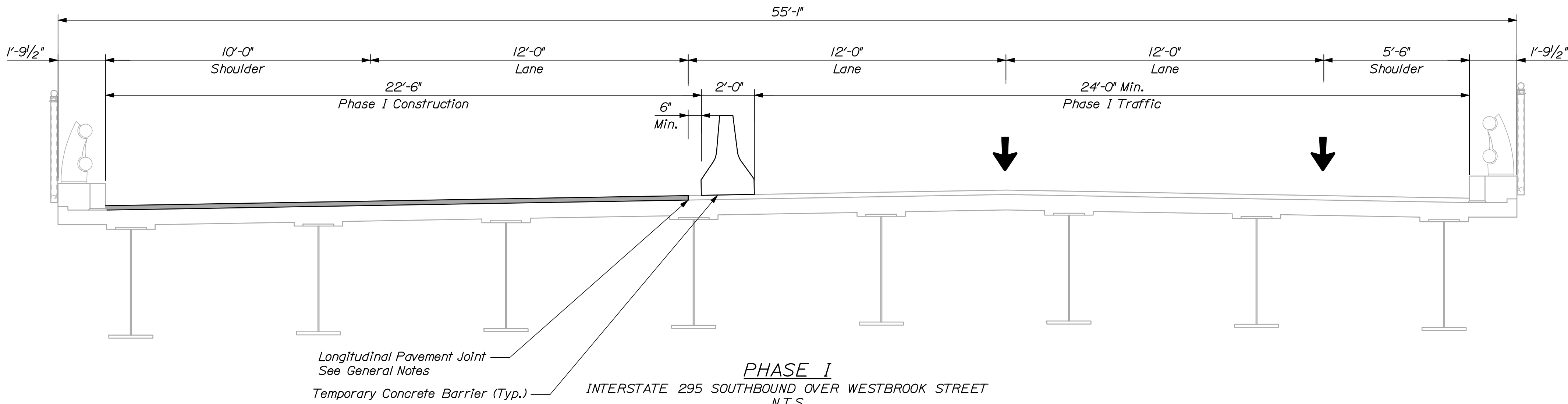
1. Phasing shown for surface paving to be completed as night work.
2. Sections are shown looking upstation.



Phasing Note:

1. The construction phasing shown reflects long term lane closures. See the General Notes for additional information.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E										
	BRIDGE NO. 6249 PIN 17793.00 BRIDGE PLANS									
INTERSTATE 295 SOUTHBOUND WESTBROOK STREET PORTLAND CUMBERLAND COUNTY CONSTRUCTION PHASING PLAN	PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	CAH	DOE	BY	DATE			
						RWH	03/10	SIGNATURE		
							03/10			
								P.E. NUMBER		
								DATE		
SHEET NUMBER		52								
OF 55										



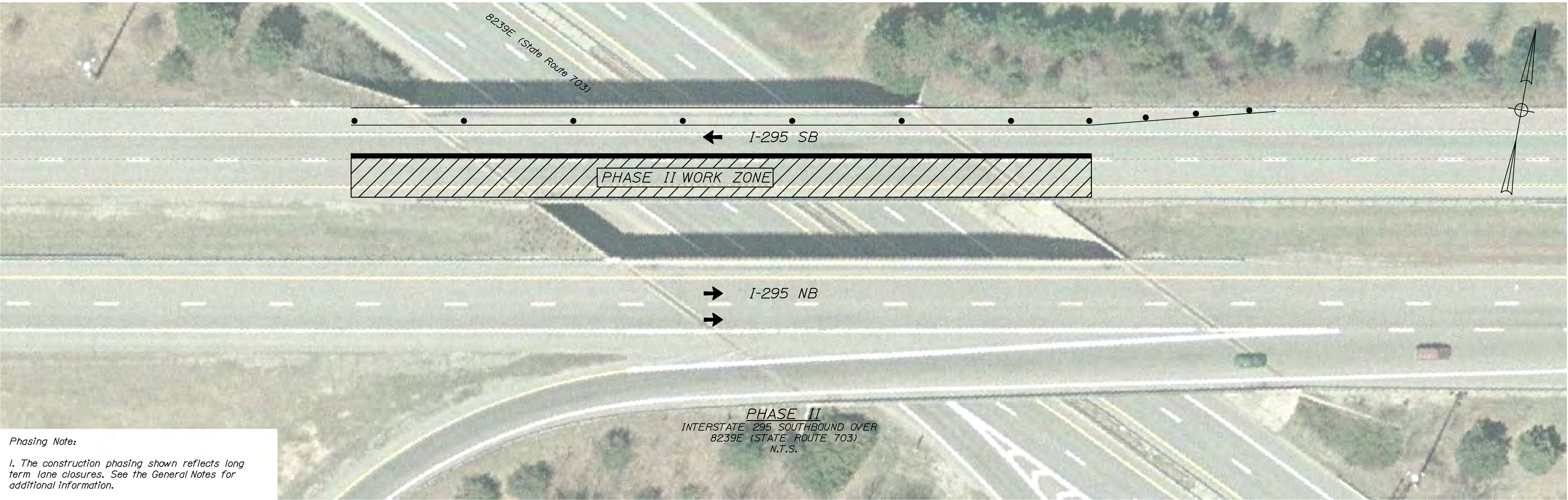
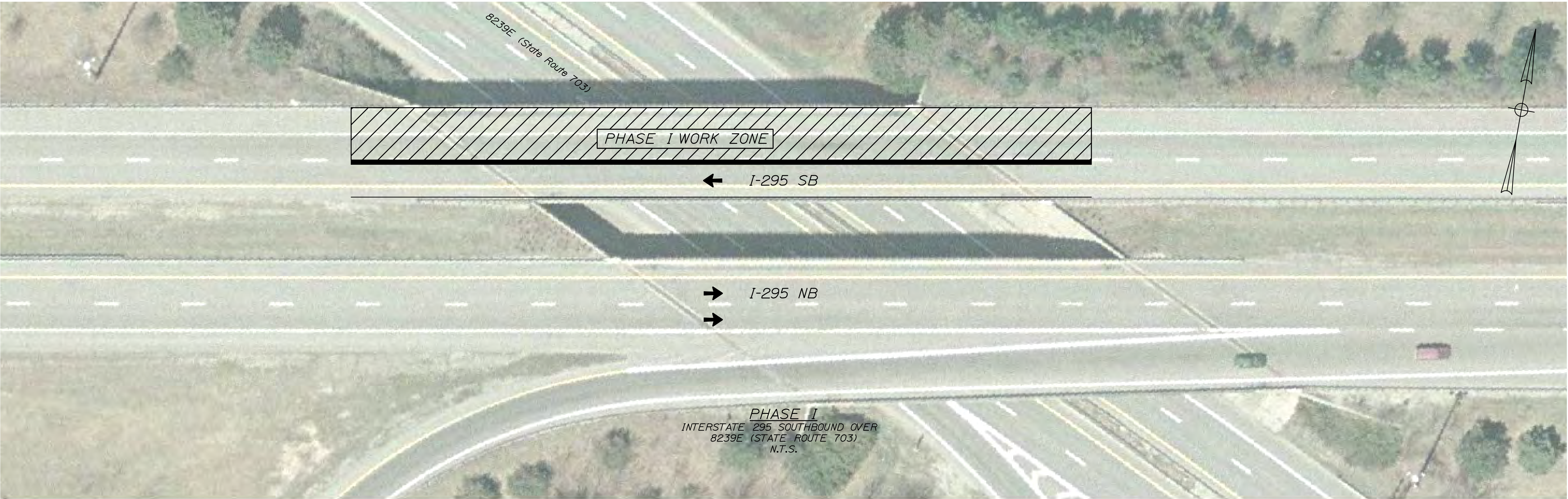
NOTE:
Sections are shown looking upstation.

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
BRIDGE NO. 6249	PIN 17793.00
BRIDGE PLANS	

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	DATE	SIGNATURE
CAH	CAH	CAH	03/10	RWH	03/10	
DESIGN-DETAILED	DESIGN-DETAILED	DESIGN-DETAILED				
REVISIONS 1	REVISIONS 1	REVISIONS 1				
REVISIONS 2	REVISIONS 2	REVISIONS 2				
REVISIONS 3	REVISIONS 3	REVISIONS 3				
REVISIONS 4	REVISIONS 4	REVISIONS 4				
FIELD CHANGES	FIELD CHANGES	FIELD CHANGES				

INTERSTATE 295 SOUTHBOUND	WESTBROOK STREET
PORTLAND	CUMBERLAND COUNTY
CONSTRUCTION PHASING	
TYPICAL SECTION	

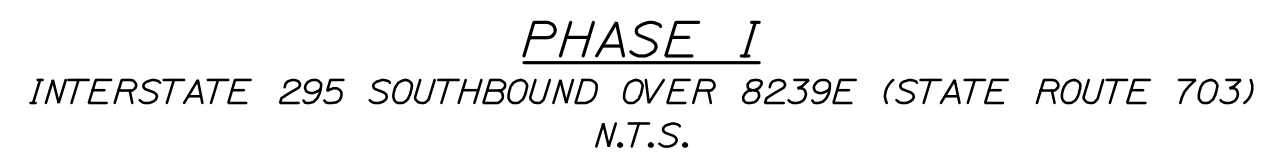
SHEET NUMBER
53
OF 55



Phasing Note:

1. The construction phasing shown reflects long term lane closures. See the General Notes for additional information.

INTERSTATE 295 SOUTHBOUND 8239E (STATE ROUTE 703) PORTLAND CUMBERLAND COUNTY										PROJ. MANAGER DESIGN-DETAILED CAH CHECKED-REVIEWED DOE DESIGN2-DETAILED2 DESIGN3-DETAILED3		DCE	BY RWH	DATE 03/10	STATE OF MAINE DEPARTMENT OF TRANSPORTATION		
CONSTRUCTION PHASING PLAN										SIGNATURE		IM-1779(300)E					
										P.E. NUMBER							
										REVISIONS 1					BRIDGE NO. 1513	PIN 17793.00	BRIDGE PLANS
										REVISIONS 2							
										REVISIONS 3							
										REVISIONS 4							
FIELD CHANGES													DATE				
SHEET NUMBER										54							
OF 55																	



SHEET NUMBER
55
OF 55