

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION



S. PORTLAND TO PORTLAND  
CUMBERLAND COUNTY  
INTERSTATE 295 NORTHBOUND  
BRIDGE REHABILITATION  
PROJECTS

IM-1792(910)E

PROJECT LENGTH 5.3 mi.  
WEARING SURFACE REPLACEMENTS,  
DECK REHABILITATIONS, JOINT MODIFICATIONS,  
ENDPOST REPLACEMENTS, DRAIN AND  
RAILING REPAIRS

BRIDGE NUMBERS:  
6273, 6249, 6281, 6291,  
6292, 6294, 6295, 6296,  
6297, 6298, 6299,  
6300, 5915

MATERIALS

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

BASIC DESIGN STRESSES

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

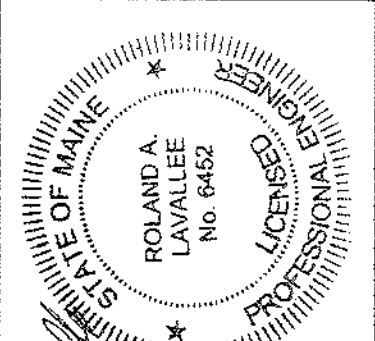
MAINTENANCE OF TRAFFIC

The Contractor shall coordinate all maintenance of traffic with the highway work.  
See also Phasing Plans, Traffic Control Plans and Special Provisions 105, 107 and 652.

LIST OF DRAWINGS

Title Sheet.....	1
Estimated Bridge Quantities.....	2
General Notes.....	3
Location Map.....	4
Plan and Transverse Section	
8239E, State Route 703 #6273.....	5
Westbrook Street #6249.....	6
Fore River #6281.....	7
PTRR, Fore River #6291.....	8
Portland Connector, Westbrook Arterial #6292.....	9
Congress Street and Park Avenue #6294.....	10
St. James Street #6295, (Mainline and On Ramp Bridges).....	11
PTRR, St. John Street #6296.....	12
St. John Street #6297.....	13
Forest Avenue #6298.....	14
Preble Street #6299.....	15
Franklin Arterial #6300.....	16
Washington Ave. Northbound On Ramp over E. Commercial St. #5915.....	17
Joint Modification Details I.....	18
Joint Modification Details II.....	19
Joint Modification Details III.....	20
Concrete Transition Barrier (Type 1).....	21
Concrete Transition Barrier (Type 2).....	22
Concrete Transition Barrier (Type 3A).....	23
Concrete Transition Barrier (Type 3B).....	24
Concrete Transition Barrier (Type 4).....	25
Concrete Transition Barrier (Type 5).....	26
Bridge Drain Details I.....	27
Bridge Drain Details II.....	28
Bridge Phasing Plans and Typical Sections	
8239E, State Route 703.....	29-30
Westbrook Street.....	31-34
Fore River.....	35-37
PTRR, Fore River, Portland Connector, Congress St. and Park Ave.....	38-41
St. James Street, PTRR (St. John), St. John Street.....	42-48
Forest Avenue.....	49-50
Preble Street.....	51-54
Franklin Arterial.....	55-57
Washington Ave. Northbound On Ramp.....	58-59
Special Details	
Miscellaneous Bridge Details.....	60
Gore Paving Details.....	61
Raised Island Details.....	62A-62C
Temporary Structural Support.....	62D
Traffic Control Plans	
Work Zone Location Map.....	63
Work Zone 1 (SR 703).....	64-69
Work Zone 2 (Westbrook Street).....	70-77
Work Zone 3 (Fore River to St. John Street).....	78-81
Work Zone 3 and 4 (Fore River to Franklin Arterial).....	82-93
Work Zone 4 (Forest Avenue to Franklin Arterial).....	94-99
Work Zone 5 (Washington Avenue On-Ramp).....	100-101
Park Avenue Northbound On Ramp Detour Plan.....	102
Congress Street Northbound On Ramp Detour Plan.....	103
Forest Avenue Northbound On Ramp Detour Plan.....	104
Forest Avenue Northbound Off Ramp Detour Plan.....	105
Local Signing Plan.....	106
Regional Signing Plan.....	107
Sign Summary Sheets.....	108-111

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
		1/17/12
COMMISSIONER		1/17/12
CHIEF ENGINEER		



	SIGNATURE
Let's go	P.E. NUMBER
12/20/11	DATE

PROJECT INFORMATION	
PROGRAM	Bridge
PROJECT MANAGER	Nate Benoit
DESIGNER	Don Ettinger
CONSULTANT	HNTB
PROJECT RESIDENT	
CONTRACTOR	
PROJECT COMPLETION DATE	

INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY	TITLE SHEET
---	-------------

SHEET NUMBER
1
OF 111

ESTIMATED BRIDGE QUANTITIES																	
ITEM NO.	DESCRIPTION	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	QUANTITY	TOTAL	UNIT
		8239E, SR 703	Westbrook Street	Fore River	PTRR, Fore River	Portland Connector, Westbrook Art.	Congress Str. & Park Ave.	St. James Str. (Mainline)	St. James Str. (Ramp)	PTRR, St. John Street	St. John Street	Forest Avenue	Preble Street	Franklin Arterial	Washington Ave. NB On Ramp		
		Br. No. 6273	Br. No. 6249	Br. No. 6281	Br. No. 6291	Br. No. 6292	Br. No. 6294	Br. No. 6295	Br. No. 6295	Br. No. 6296	Br. No. 6297	Br. No. 6298	Br. No. 6299	Br. No. 6300	Br. No. 5915		
202.202	REMOVING PAVEMENT SURFACE	1575	650	2750	975	1285	1450	485	255	725	650	670	800	525	645	13440	SY
203.2312	HEALTH AND SAFETY PLAN	0.11	0.05	0.20	0.07	0.09	0.11	0.04	0.02	0.06	0.05	0.05	0.06	0.04	0.05	1	LS
403.2081	12.5 MM POLYMER MODIFIED HOT MIX ASPHALT	140	54	230	82	108	130	41	22	60	54	56	67	44	54	1142	T
403.2101	9.5 MM POLYMER MODIFIED HOT MIX ASPHALT	0	0	160	55	72	81	27	15	41	36	37	45	31	0	600	T
403.211	HMA (SHIMMING)	0	0	0	0	0	0	0	0	0	0	0	0	0	30	30	T
403.2131	12.5 MM POLYMER MODIFIED HMA BASE	140	54	0	0	0	0	0	0	0	0	0	0	0	54	248	T
409.15	BITUMINOUS TACK COAT - APPLIED	79	33	138	50	65	73	25	13	37	33	34	40	27	40	687	GAL
429.34	GRID/FABRIC COMPOSITE PAVEMENT INTERLAYER	0	0	0	0	840	0	0	0	0	0	0	0	0	0	840	SF
502.70	BRIDGE DRAIN -TYPE A	4	0	0	0	0	0	0	0	0	0	0	0	0	6	10	EA
502.70	BRIDGE DRAIN -TYPE A (MODIFIED)	0	3	0	0	0	0	0	0	0	0	0	0	0	0	3	EA
502.70	BRIDGE DRAIN -TYPE C	0	0	20	0	0	0	0	0	0	0	0	0	0	0	20	EA
502.702	REMOVE BRIDGE DRAIN	0	1	0	0	0	0	0	0	0	0	0	0	0	4	5	EA
506.144	FIELD PAINTING OF EXISTING AND NEW STRUCTURAL STEEL	0	0	0	0.48	0.24	0	0	0	0	0	0.17	0	0	0.11	1	LS
506.17	SURFACE PREPARATION OF EXISTING STRUCTURAL STEEL	0	0	0	0.48	0.24	0	0	0	0	0	0.17	0	0	0.11	1	LS
506.18	CONTAINMENT AND POLLUTION CONTROL MEASURES	0	0	0	0.48	0.24	0	0	0	0	0	0.17	0	0	0.11	1	LS
506.191	DISPOSAL OF SPECIAL WASTE OR HAZARDOUS WASTE	0	0	0	0.48	0.24	0	0	0	0	0	0.17	0	0	0.11	1	LS
507.0926	FURNISH ALUMINUM BRIDGE RAIL COMPONENTS	0.11	0.05	0.20	0.07	0.09	0.11	0.04	0.02	0.06	0.05	0.05	0.06	0.04	0.05	1	LS
507.0927	ALUMINUM BRIDGE RAIL, 2 BAR POST REPLACEMENT	0	1	1	0	1	0	0	0	0	0	0	0	0	0	3	EA
507.0928	ALUMINUM BRIDGE RAIL, RAIL SECTION REPLACEMENT	0	80	160	0	0	0	0	0	0	0	0	0	0	0	240	LF
507.30	ALUMINUM BRIDGE RAIL SPLICE RETROFIT	3	2	8	3	3	3	7	4	8	2	3	2	2	3	53	EA
507.31	ALUMINUM BRIDGE RAIL SPLICE INSPECTION	0.06	0.04	0.14	0.08	0.1	0.06	0.12	0.08	0.14	0.03	0.04	0.03	0.03	0.05	1	LS
507.32	ALUMINUM BRIDGE RAIL TOGGLE BOLT REPLACEMENT	0	48	0	0	0	0	0	0	0	0	0	0	0	0	48	EA
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE (13440 SY)	0.11	0.05	0.20	0.07	0.09	0.11	0.04	0.02	0.06	0.05	0.05	0.06	0.04	0.05	1	LS
510.40	SPECIAL DETOUR - APPROACH PAVEMENT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	1	LS
510.41	SPECIAL DETOUR - MEDIAN ISLAND REMOVAL & RECONSTRUCTION, BRIDGE	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	1	LS
510.42	SPECIAL DETOUR - MEDIAN ISLAND REMOVAL & RECONSTRUCTION, HIGHWAY	0	0	0	0.5	0.5	0	0	0	0	0	0	0	0	0	1	LS
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (505 SY)	0.14	0.07	0.09	0.07	0.04	0.11	0.05	0.05	0.04	0.05	0.07	0.08	0.07	0.07	1	LS
* 518.391	REPAIRING GRANITE CURB JOINT AND BEDDING MORTAR	140	68	370	184	200	140	67	69	131	68	77	69	69	110	1762	LF
* 518.50	REPAIR OF UPWARD FACING SURFACES -TO REINFORCING STEEL <7.9 IN.	910	190	1790	570	750	840	140	80	220	190	200	230	160	190	6460	SF
* 518.51	REPAIR OF UPWARD FACING SURFACES - BELOW REINFORCING STEEL <7.9 IN.	205	45	405	130	170	190	35	20	50	45	45	55	35	45	1475	SF
* 518.52	REPAIR OF UPWARD FACING SURFACES >7.9 IN.	1	0.5	1	1	1	1	0.5	0.5	1	0.5	0.5	0.5	0.5	0.5	10	CY
* 518.60	REPAIR OF VERTICAL SURFACES < 7.9 IN.	20	20	10	10	30	10	10	10	10	10	20	10	20	10	200	SF
* 518.61	REPAIR OF VERTICAL SURFACES > 7.9 IN	1	1	1	1	1	1	1	1	1	1	1	1	1	1	14	CY
520.2421	BRIDGE JOINT MODIFICATION TYPE 2A	0	0	0	0	0	0	0	1	1	0	0	0	0	1	3	EA
520.243	BRIDGE JOINT MODIFICATION TYPE 3	0	0	0	1	0	1	1	0	1	1	1	1	1	0	8	EA
520.244	BRIDGE JOINT MODIFICATION TYPE 4	0	1	0	1	0	1	0	0	1	1	1	1	1	1	9	EA
520.245	BRIDGE JOINT MODIFICATION TYPE 5	0	0	2	0	0	1	0	0	0	0	0	0	0	0	3	EA
520.246	BRIDGE JOINT MODIFICATION TYPE 6	0	0	0	0	2	0	0	0	0	0	0	0	0	0	2	EA
520.2471	BRIDGE JOINT MODIFICATION TYPE 7A	2	0	0	0	0	0	0	0	0	0	0	0	0	0	2	EA
520.2472	BRIDGE JOINT MODIFICATION TYPE 7B	0	1	0	0	0	0	0	1	1	0	0	0	0	0	3	EA
524.301	TEMPORARY STRUCTURAL SUPPORT	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	LS
526.301	TEMPORARY CONCRETE BARRIER -TYPE 1(13460 LF)	0.04	0.03	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.08	0.09	0.09	0.09	0.02	1	LS
526.34	PERMANENT CONCRETE TRANSITION BARRIER	4	4	4	4	4	4	2	2	0	2	4	4	4	4	46	EA
527.34	WORK ZONE CRASH CUSHIONS	2	1	1	2	1	1	1	0	0	0	2	2	1	1	15	UN
* 610.08	PLAIN RIPRAP	10	10	10	10	10	10	10	10	10	10	10	10	10	10	140	CY
* 620.58	EROSION CONTROL GEOTEXTILE	20	20	20	20	20	20	20	20	20	20	20	20	20	20	280	SY
627.744	6" WHITE OR YELLOW PAINTED PAVEMENT MARKING LINE	6500	7250	3850	3850	3850	4900	3850	1450	3850	3850	14750	4600	4600	1650	68800	LF
627.77	REMOVING EXISTING PAVEMENT MARKING	2850	3200	1800	1800	1800	1800	1800	1800	1800	1800	3450	3450	3450	1010	31810	SF
627.781	TEMPORARY 6" PAINTED PAVEMENT MARKING LINE, WHITE OR YELLOW	9650	19050	7250	7250	7250	7250	7250	7250	7250	7250	13200	13200	13200	3600	129900	LF
* 629.05	HAND LABOR, STRAIGHT TIME	10	10	10	10	10	10	10	10	10	10	10	10	10	10	140	HR
* 631.10	AIR COMPRESSOR (INCLUDING OPERATOR)	8	8	8	8	8	8	8	8	8	8	8	8	8	8	112	HR
* 631.11	AIR TOOL (INCLUDING OPERATOR)	8	8	8	8	8	8	8	8	8	8	8	8	8	8	112	HR
* 631.12	ALL PURPOSE EXCAVATOR (INCLUDING OPERATOR)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	56	HR
* 631.172	TRUCK-LARGE (INCLUDING OPERATOR)	4	4	4	4	4	4	4	4	4	4	4	4	4	4	56	HR
639.18	FIELD OFFICE TYPE A	0.11	0.05	0.20	0.07	0.09	0.11	0.04	0.02	0.06	0.05	0.05	0.06	0.04	0.05	1	EA
643.72	TEMPORARY TRAFFIC SIGNAL: RAMP METER	0	0	0	0	1	0	0	0	0	0	0	0	0	0	1	LS
* 645.306	FLEXIBLE REFLECTORIZED DELINEATOR	4	4	4	4	4	4	4	4	4	4	4	4	4	4	56	EA
652.30	FLASHING ARROW BOARD	1	1	1	0	0	1	0	0	1	0	1	0	0	1	7	EA
652.312	TYPE III BARRICADE	0	0	0	0	0	3	0	3	0	0	6	0	0	0	12	EA
652.33	DRUM	95	85	30	30	30	50	30	30	30	30	65	45	45	25	620	EA
652.34	CONE	10	10	10	10	10	10	10	10	10	10	10	10	10	10	140	EA
652.35	CONSTRUCTION SIGNS	430	430	430	430	430	430	430	430	430	430	430	430	430	430	6020	SF
652.36	MAINTENANCE OF TRAFFIC CONTROL DEVICES	16	16	16	16	16	16	16	16	16	16	16	16	16	16	224	CD
* 652.38	FLAGGER	8	8	8	8	8	8	8	8	8	8	8	8	8	8	112	HR
* 652.381	TRAFFIC OFFICER	8	8	8	8	8	8	8	8	8	8	8	8	8	8	112	HR
652.382	TRAFFIC MONITOR	16	16	16	16	16	16	16	16	16	16	16	16	16	16	224	CD
652.41	PORTABLE CHANGEABLE MESSAGE SIGN	2	1	1	0	0	1	0	1	0	1	1	0	0	0	8	EA
652.415	PORTABLE CHANGEABLE MESSAGE SIGN - TRANSPORT AND SETUP	1	0	0	0	0	0	0	0	0	0	1	0	0	0	2	EA
656.75	TEMPORARY SOIL EROSION AND WATER POLLUTION CONTROL	0.11	0.05	0.20	0.07	0.09	0.11	0.04	0.02	0.06	0.05	0.05	0.06	0.04	0.05	1	LS
659.10	MOBILIZATION	0.11	0.05	0.20	0.07	0.09	0.11	0.04	0.02	0.06	0.05	0.05	0.06	0.04	0.05	1	LS
660.21	ON-THE-JOB TRAINING	140	140	180	140	140	140	140	140	140	140	140	140	140	140	2000	HR

\* Undetermined Location

Notes:

1. Estimated Quantities for each bridge are provided here for reference purposes only.  
2. Quantities for Highway Preservation Project are not included on this sheet. See schedule of items in the contract bid book for total quantities.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
IM-1792(910)E  
PIN 17925.10  
BRIDGE NO. Varies  
BRIDGE PLANS

INTERSTATE 295 NORTHBOUND  
S. PORTLAND TO PORTLAND  
CUMBERLAND COUNTY  
ESTIMATED BRIDGE QUANTITIES

SHEET NUMBER  
2  
OF 111



Filename: 003\_GeneralNotes.dgn

Division: BRIDGE

Username: mcurdiff

Date:1/17/2012

GENERAL

1. Bidders and Contractors shall note that existing bridge plans may 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 1968 through 1994, 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 condition (GPR) report for the existing bridges by accessing the web address provided in Note No. 1 above. The report contains deck deterioration data for several bridges. 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 MaineDOT may have other active projects in the area. Contractor shall coordinate this work and associated traffic control with the other contracts.

5. The Resident shall review the embankment armor/slope protection at all drain replacement locations and verify the existing embankment armor/slope protection is adequate to protect the embankment/slope from eroding or undermining during heavy rain events. The Contractor shall undertake embankment armor/slope protection modifications at the request/direction of the Resident. The work, if required, will be paid for under the various hand labor and hourly equipment items.

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. No utility adjustment is anticipated.

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, median islands 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 Don McKenna at 462-4474. Payment will be considered incidental to related Contract items.

2. The drawings show or note 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. Misaligned bridge rail splices shall be modified in accordance with the project specifications, 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 permanent concrete transition barrier pay item. All components necessary to extend rails section or relocate bridge posts including rail, posts, splice bars, 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

8. The splice requirement for 2-Bar Aluminum Bridge Rail Type J, Type Z and Type M are documented in the Special Provision 507.

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. Traffic Control Plans are provided in this plan set. If the contractor proposes a different traffic control scheme, the Contractor shall submit revised traffic control plans in accordance with the Special Provisions 105, 107 & 652 and the Manual of Uniform Traffic Control Devices, latest edition.

CONSTRUCTION PHASING - CONT'D

3. The construction phasing for the bridge work has been separated into 9 work zones as follows:

a. I-295 over 8239E, State Route 703  
b. I-295 over Westbrook Street  
c. I-295 over Fore River  
d. I-295 over PTRR (Fore River), Portland Connector, Congress St. and Park Ave.  
e. I-295 over St. James, PTRR (St. John), St. John Street  
f. I-295 over Forest Avenue  
g. I-295 over Preble Street  
h. I-295 over Franklin Arterial  
i. I-295 over Washington Avenue Northbound On Ramp

Contractor shall plan the work accordingly. Grouping of the above work zones into longer work zones as shown on the Traffic Control plans is required. 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 for bridge work is shown on the Traffic Control Plans. Development of Traffic Control Plans for highway preservation work is the Contractors responsibility.

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 11 ft. min. width travel lanes in all work zones, as shown on the phasing plans and traffic control plans. Contractor shall provide shoulder widths in all work zones in accordance with the phasing plans (6" min. width). Contractor shall maintain the number of travel lanes in work zones as defined on the phasing plans and traffic control plans. Two travel lanes shall be maintained at the SR 703, Fore River, Congress St and Park Ave, St. James, PTRR (St. John), St John, Forest Ave and Franklin St. work zones. Three travel lanes shall be maintained at the Westbrook St., PTRR (Fore River) and Preble St. work zones. Four travel lanes shall be maintained at the Portland Connector work zone and one travel lane shall be maintained at the Washington Ave NB on ramp work zone, unless otherwise noted on the plans or in the specifications.

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

8. Contractor shall install longitudinal pavement joints at crown lines or lane lines.

9. 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.

10. Long term lane closures required for bridge work shall be protected with temporary concrete barrier at the work zones. Contractor shall access the work zones from the trailing end, unless otherwise noted.

11. Wide load restrictions shall be in place for the construction duration. Advanced wide load signing shall be provided in accordance with the Traffic Control Plans. The Contractor shall contact the Maine Department of Motor Vehicles, Oversized Load Section at 207-624-9063 to coordinate the wide load restrictions, prior to the start of the work. Work shall be coordinated with the Resident. Payment for work will be considered incidental to the 652 pay items.

12. All lanes in long term lane closures and associated work zones shall be delineated with temporary paint lines. The only exception will be surface course of new pavement. Temporary pavement markings on the surface course of new pavement shall be either temporary paint lines or temporary reflectorized plastic marking lines, meeting the requirements of the 627 specifications. If temporary paint lines are installed on new surface pavement, the contractor shall remove the markings completely when work is done in a manner that is non-destructive to the surface pavement. If temporary plastic marking lines are installed on new surface pavement, the contractor shall use the overlay method for installation in accordance with the manufacturer recommendations. Contractor shall monitor temporary plastic marking lines daily and replace any loose sections on a nightly basis. Temporary pavement marking lines will be paid for under item 627.781 regardless of the type of temporary markings use on surface pavement.

13. Temporary raised pavement markings will not be permitted in long term lane closures and associated work zones.

14. Long term lane closures shall be defined as closures that occur at a location for more than 3 days.

15. Contractor shall note Maine DOT may provide various traffic monitoring equipment/systems. Contractor shall be responsible for inspection and maintenance of these systems. Payment for work shall be under 652.382 Traffic Monitor. See Special Provisions.

16. All work shall conform to Maine DOT Standard Specifications for highways and bridges.

17. The Contractor shall remove all existing pavement markings that conflict with proposed markings (Incidental to Item 627.77).

18. The Contractor shall cover all existing signing that conflict with work zone signing (Incidental to Item 652.35).

19. All signs to be covered including overhead signs shall be covered using methods approved by MaineDOT. All covers shall be inspected daily to ensure the cover is firmly secured and it does not present a safety risk to the traveling public. Any loose covers shall be secured immediately. Payment for covering of existing signs, inspection and maintenance shall be incidental to item 652.35.

20. Signs CS-4, CS-14 and CS-15 are proposed to be mounted on existing signs located on overhead sign structures. The contractor is required to submit a shop drawing that addresses the proposed method of attachment for the new signs. The shop drawing and supporting calculations shall be stamped by a Professional Engineer licensed in the State of Maine. Payment for all labor, materials and equipment necessary to complete the work shall be incidental to item 652.35.

21. Contractor shall note that construction signing will be required to be mounted on the concrete median barrier. Contractor shall securely fasten the signs in a manner that does not present a safety risk to the traveling public. Trimming of the construction sign edges may be required to prevent signs from overhanging into the travel lanes. Coordinate work with Resident. All labor, material and equipment associated with installing median signage is incidental to Item 652.35.

22. All construction signs will be provided by the Contractor. See Sign Summary Sheet. See Special Provision 652 for information on specialty construction signs.

23. All temporary pavement ramps for transitioning to milled surfaces and for transitioning from bridge joints to the base pavement on bridge decks (bridges where surface paving will be completed with highway paving work) shall be tapered at 20 ft. horizontally for every 1 inch vertical change.

STRUCTURAL

1. Payment for removing existing concrete end posts will be considered incidental to item 526.34.

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. 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.

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

5. 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.

6. 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.

7. 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.

8. 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.

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

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

11. 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 incidental to the cost of the work items for which these removals are required.

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

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

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

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

16. 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.

17. Where bridge rail posts are required to be relocated new hot dip galvanized anchor rods conforming to ASTM F1554 Grade 55 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. This work may also require replacement or repair of rail clamp bars, and replacement of bolts, where the bolt or clamp bar threads are damaged during the rail disassembly process. Where the Contractor elects to repair the damaged mounting bars the existing threads shall be repaired through the use of a stainless steel heli-coil insert. The proposed repair shall be completed in a manner which maintains the original fastener size and diameter. 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.

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

19. The reinforcing steel and anchor rod anchoring material shall be selected from Maine DOT's qualified products list. The contractor shall submit the proposed system to the resident for approval. The selected anchoring material shall be installed in strict accordance with the 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.

20. All proposed anchor rod assemblies shall be hot dip galvanized.

21. When a new joint is being installed or an existing joint is being substantially modified, and field conditions permit, the approach side of the joint shall be set 1/8"-1/4" higher than the departure side of the joint. Under no circumstances shall the departing side of the joint be higher than the approach side of the joint.

22. Where provided, nominal joint openings are measured perpendicular to the joint opening. Adjustments provided in the seal adjustment charts shall be measured along the centerline of the bridge, not perpendicular to the joint opening.

23. Deck or backwall repairs located below areas of elastomeric concrete shall be filled with Class LP concrete and allowed to cure prior to placing elastomeric concrete. The concrete repairs shall be completed to provide an elastomeric concrete thickness of 3". The depth of elastomeric concrete may be increased to 4" maximum only in cases where doing so eliminates the need for patching with Class LP concrete.

24. Bridge deck surface preparation shall be in accordance with the 508 and 518 specifications.

25. 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.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
IM-1792(910)E  
PIN 17929.10  
BRIDGE NO. Varies  
BRIDGE PLANS

INTERSTATE 295 NORTHBOUND  
S. PORTLAND TO PORTLAND  
CUMBERLAND COUNTY  
GENERAL NOTES

PROJ. MANAGER	DOE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN-DETAILED	RWH	MPC	1/12			
CHECKED-REVIEWED	DGE	TRC	1/12			
DESIGN-DETAILED						
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

SHEET NUMBER  
3  
OF 111





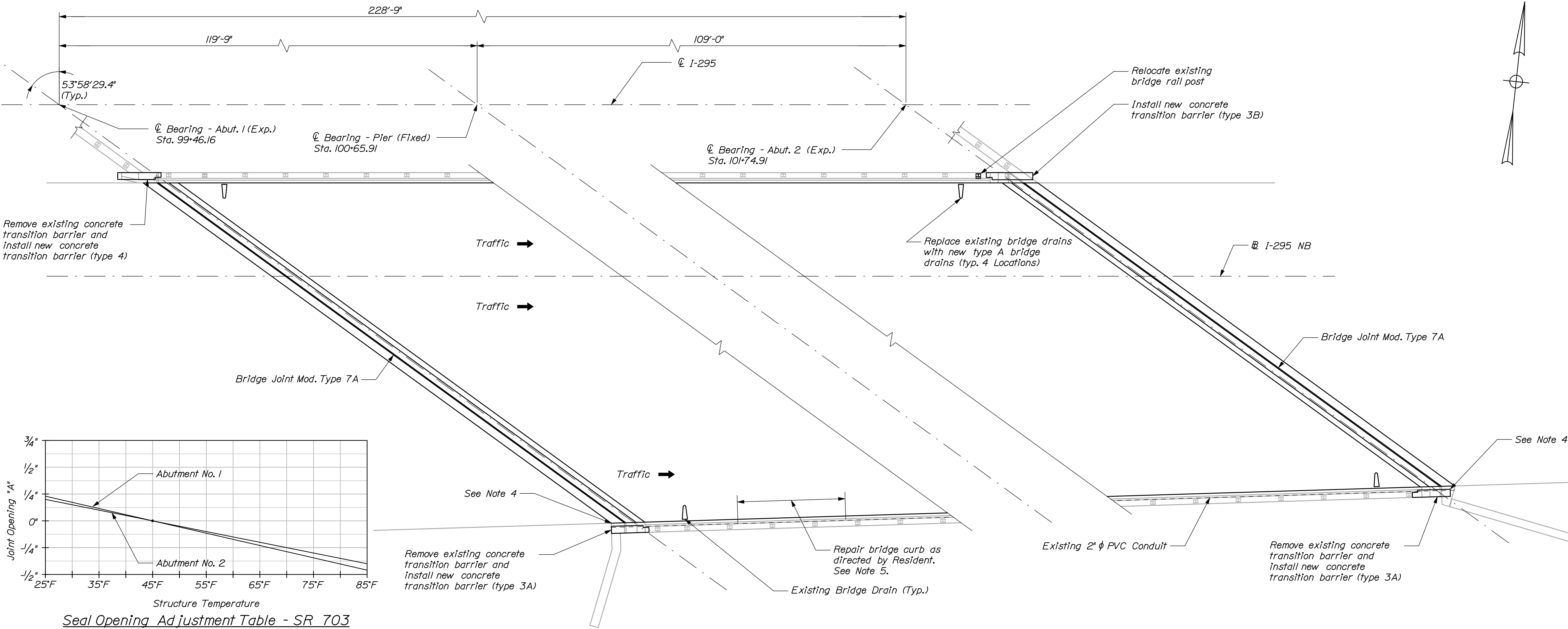


Date:12/21/2011

Username: bhavu

Division: BRIDGE

Filename: 005\_PlanXsec-Route703.dgn



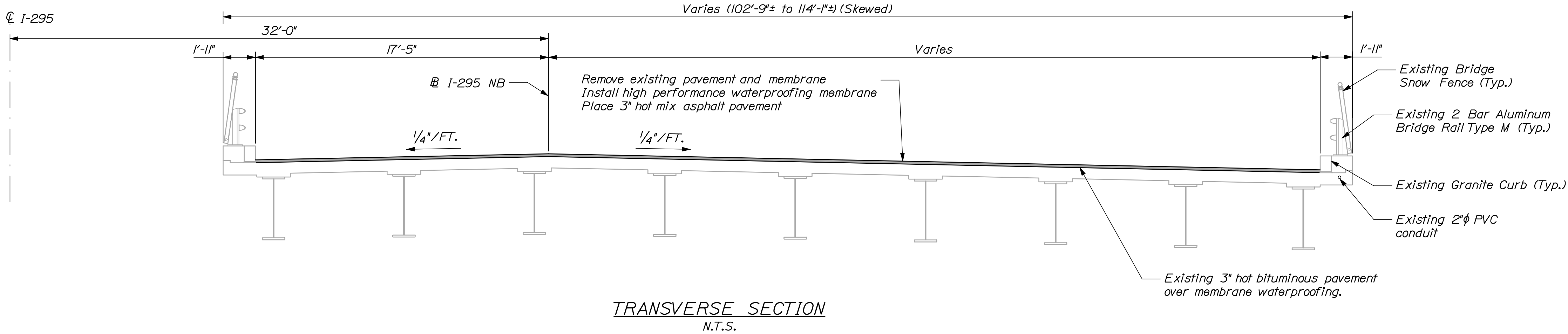
Seal Opening Adjustment Table - SR 703

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 directed by the Resident. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
- Contractor shall repoint deteriorated portions of exposed granite curb joints as directed by Resident. Locations are undetermined.
- Contractor shall notch existing bull-nosed curb as required to recess proposed terminal curb type 2, or remove existing bull-nosed curb in its entirety and rebuild with concrete. Incidental to item 526.34.
- Payment for bridge curb repair shall be considered incidental to pay item 518.391.
- Inspect all rail splices on bridges, replace missing set screws and verify proper splice tube locations. See Special Provision.
- The seals furnished shall have minimum Movement Ratings(s) as follows:  
Abutment No. 1 = 1.50"  
Abutment No. 2 = 1.36"
- The Resident shall approve the seals prior to fabrication of the Expansion Device.

INTERSTATE 295 NORTHBOUND OVER 8239E (STATE ROUTE 703)

South Portland ~ Bridge No. 6273  
N.T.S.



SHEET NUMBER		INTERSTATE 295 NORTHBOUND 8239E (STATE ROUTE 703) SOUTH PORTLAND CUMBERLAND COUNTY		PROJ. MANAGER		DOE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
5  OF 111		PLAN AND TRANS. SECTION		DESIGN-DETAILED	RWH	MPC	12/11	SIGNATURE	IM-1792(910)E	
				CHECKED-REVIEWED	DOE	TFC	12/11			
				DESIGN-DETAILED	-	-	-			P.E. NUMBER
				DESIGN-DETAILED	-	-	-			
				REVISIONS 1	-	-	-			
				REVISIONS 2	-	-	-	DATE	BRIDGE NO. 6273 PIN 17929.10 BRIDGE PLANS	
				REVISIONS 3	-	-	-			
				REVISIONS 4	-	-	-			
				FIELD CHANGES	-	-	-			



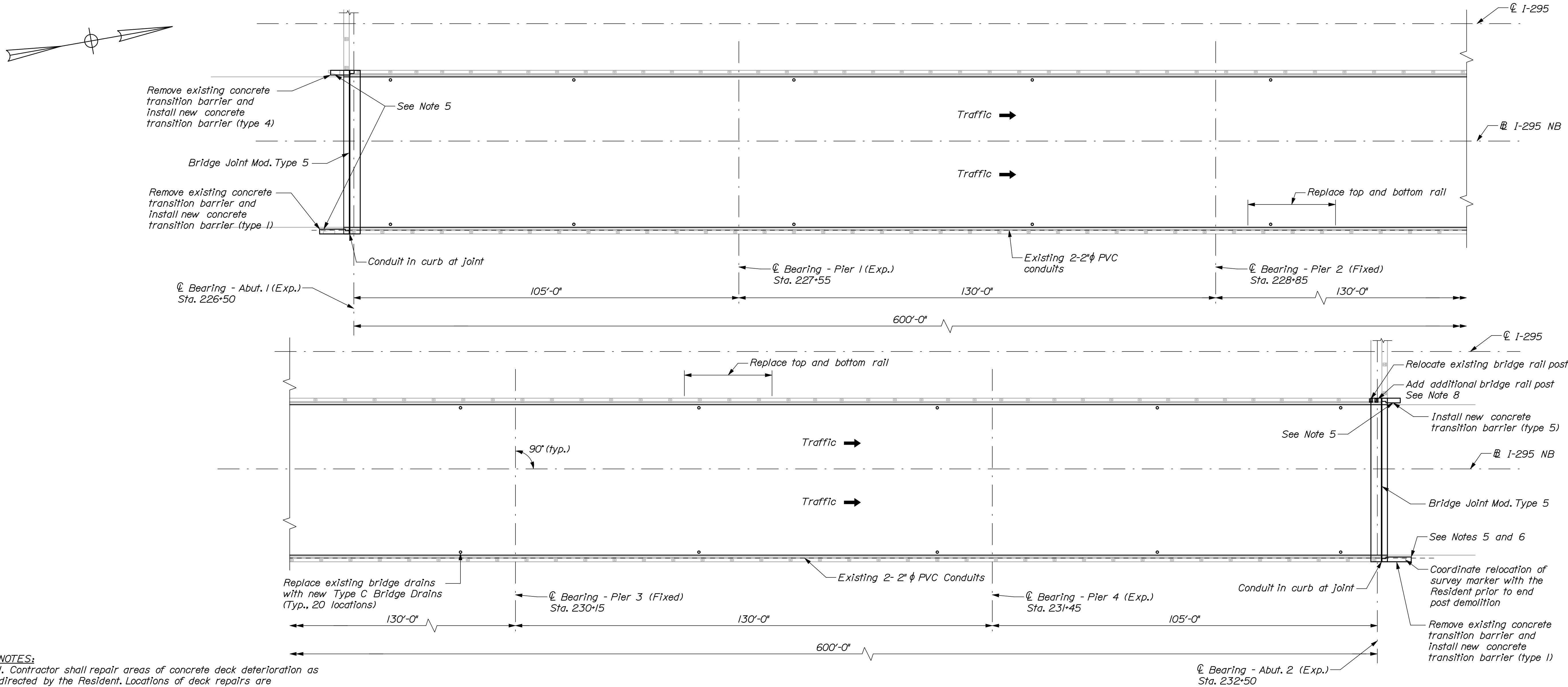


Date:12/21/2011

Username: bhavu

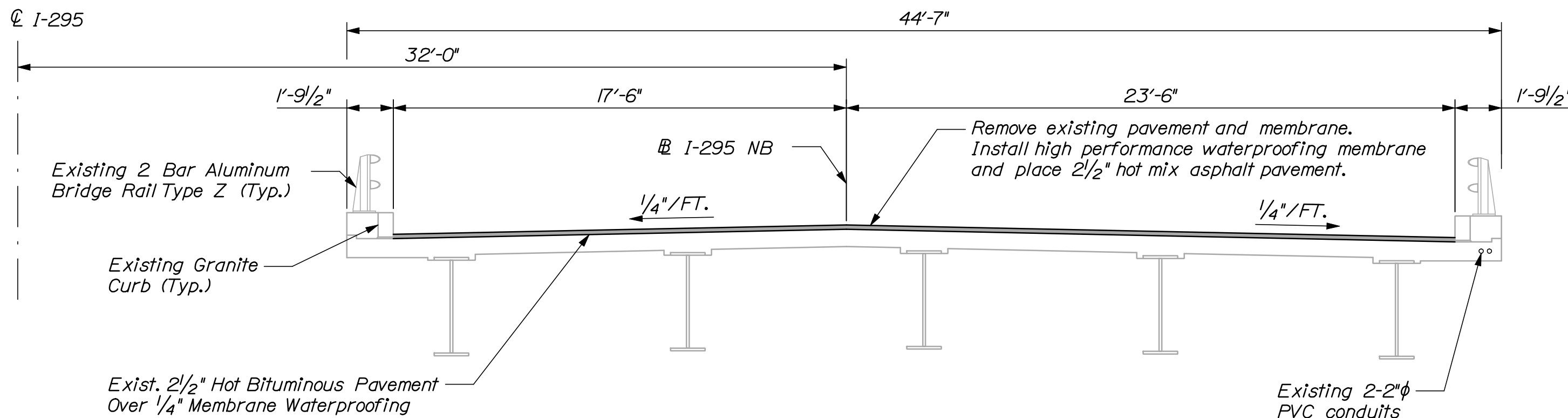
Division: BRIDGE

Filename: 007\_PlanXsec-ForeRiver.dgn

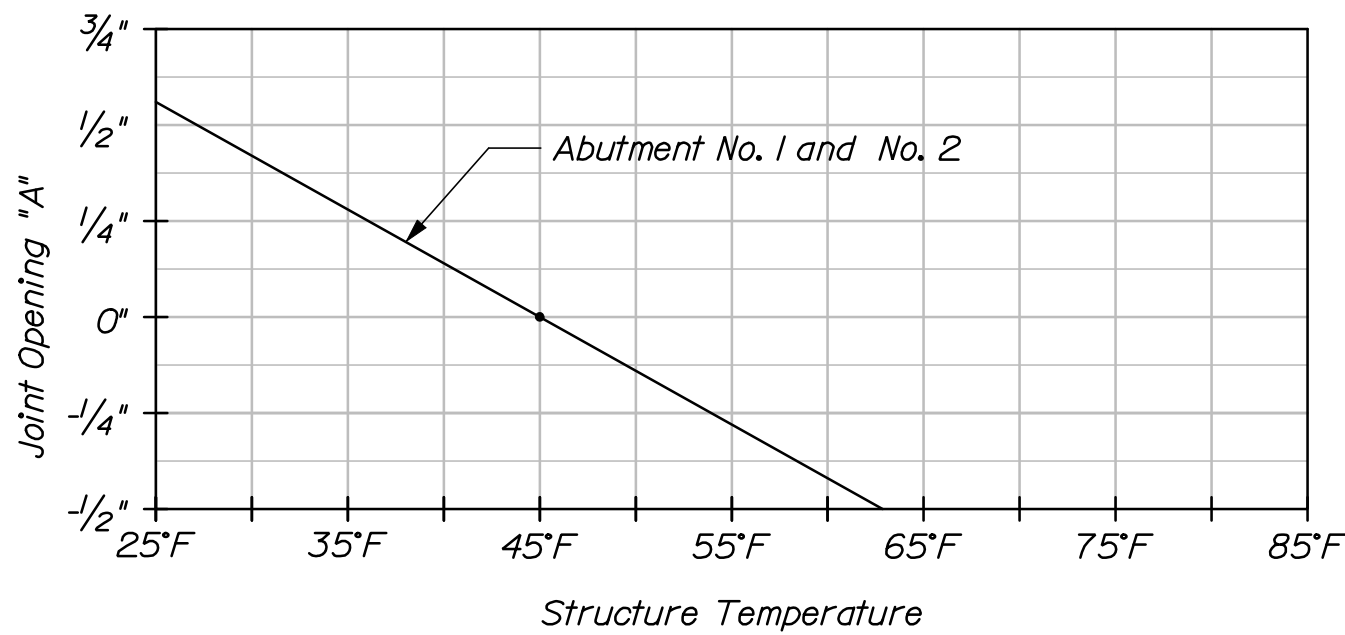


- NOTES:**
- Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Locations of deck repairs are undetermined for this bridge. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.
  - Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as directed by the Resident. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
  - Contractor shall repoint deteriorated portions of exposed granite curb joints as directed by Resident. Locations are undetermined.
  - Not all conduit details shown. See as-builts for additional information.
  - Contractor shall notch existing bull-nosed curb as required to recess proposed terminal curb type 2, or remove existing bull-nosed curb in its entirety and rebuild with concrete. Incidental to item 526.34.
  - Contractor shall demolish existing fill concrete adjacent to northeast wingwall surrounding first two guardrail posts. Replace with aggregate subbase course - gravel and plain riprap as directed by the Resident. Common excavation and concrete demolition shall be considered incidental to item 526.34. Aggregate subbase course - gravel and plain riprap shall be paid for under pay items 304.10 and 610.08 respectively.
  - Inspect all rail splices on bridges, replace missing set screws and verify proper splice tube locations. See Special Provision.
  - Additional bridge rail post to be equally spaced with reset rail post. Additional rail post available from Bridge No. 6292.
  - The seals furnished shall have minimum Movement Ratings(s) as follows:  
Abutment No. 1 = 3.75"  
Abutment No. 2 = 3.75"
  - The Resident shall approve the seals prior to fabrication of the Expansion Device.

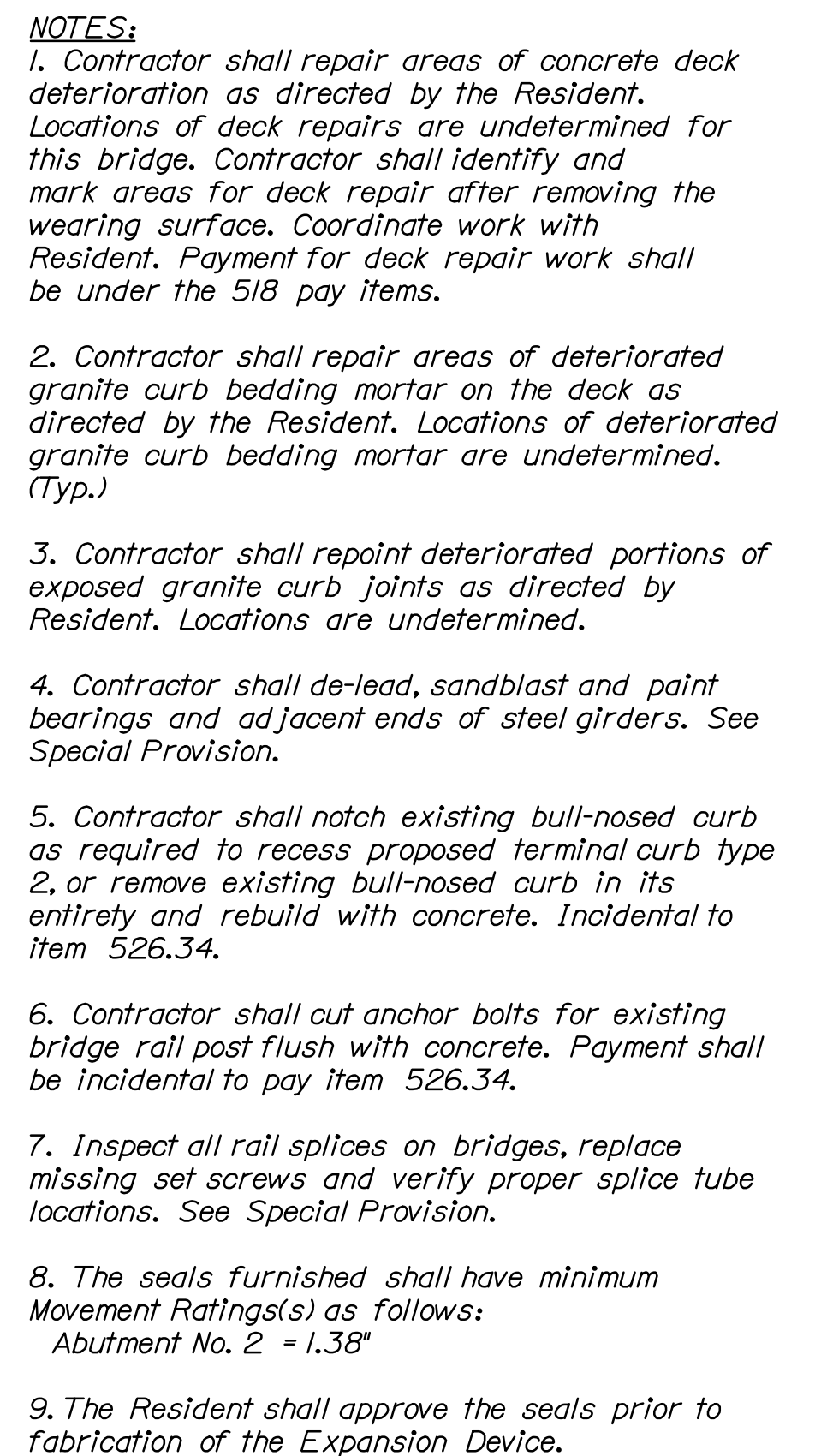
**INTERSTATE 295 NORTHBOUND OVER FORE RIVER**  
Portland ~ Bridge No. 6281  
N.T.S.



**TRANSVERSE SECTION**  
N.T.S.



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17925.10		BRIDGE NO. 6281		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		FORE RIVER		CUMBERLAND COUNTY		PORTLAND		PLAN AND TRANS. SECTION		SHEET NUMBER	
										2	
										OF 111	



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



DESIGN-DETAILED	RWH	WPC	12/11	<b>SIGNATURE</b>
CHECKED-REVIEWED	DGE	TRC	12/11	
DESIGN2-DETAILED2	-	-	-	
DESIGN3-DETAILED3	-	-	-	
REVISIONS 1	-	-	-	<b>P.E. NUMBER</b>
REVISIONS 2	-	-	-	
REVISIONS 3	-	-	-	
REVISIONS 4	-	-	-	
FIELD CHANGES	-	-	-	<b>DATE</b>

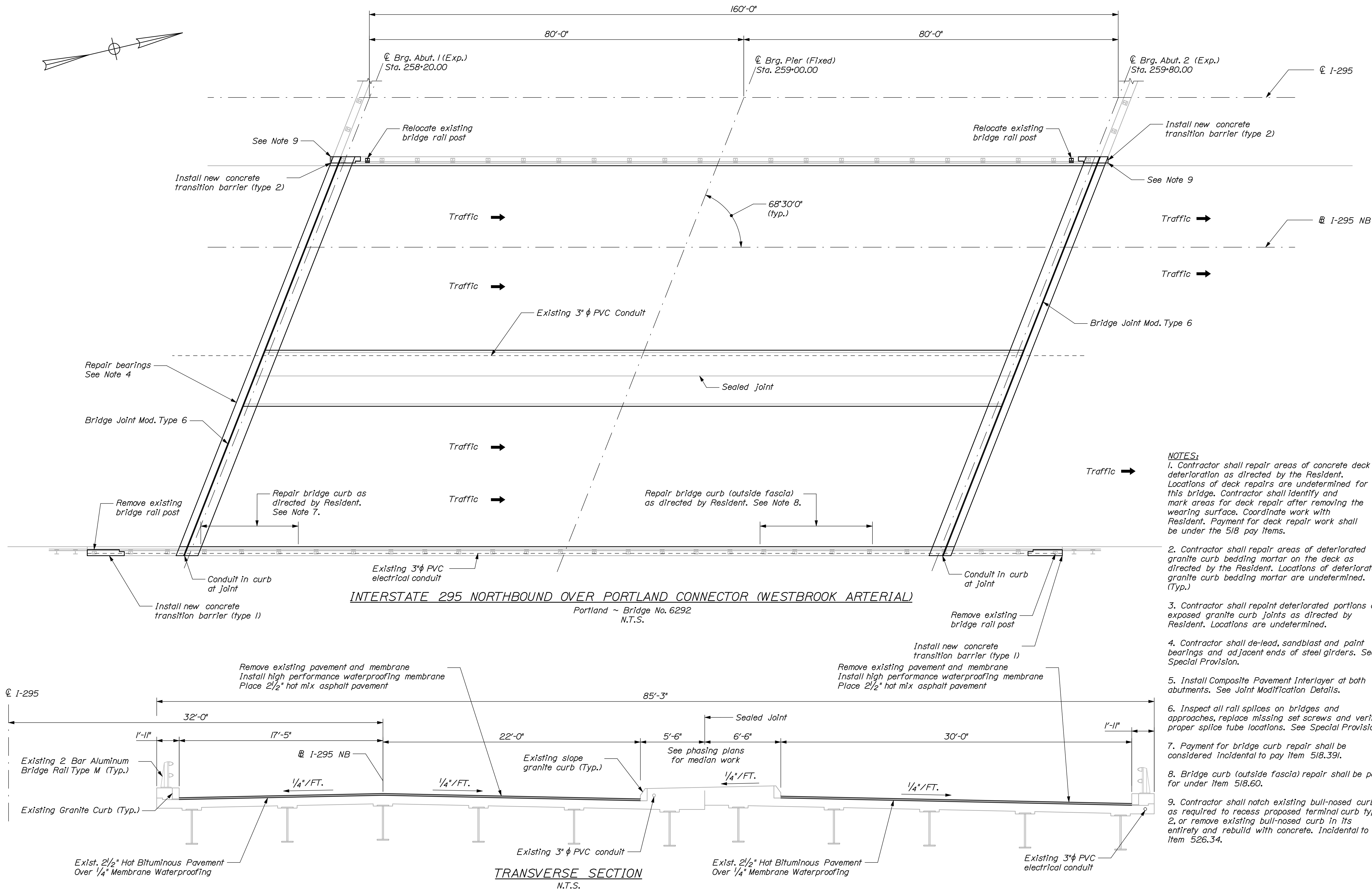


Date:12/21/2011

Username: bhavu

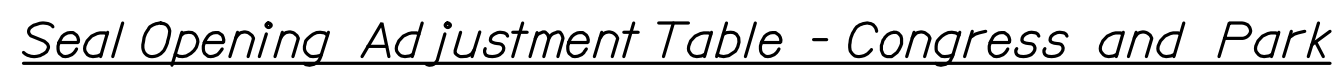
Division: BRIDGE

Filename: 009\_PlanXsec-PortlandConnector.dgn



- 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 directed by the Resident. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
  3. Contractor shall repoint deteriorated portions of exposed granite curb joints as directed by Resident. Locations are undetermined.
  4. Contractor shall de-lead, sandblast and paint bearings and adjacent ends of steel girders. See Special Provision.
  5. Install Composite Pavement Interlayer at both abutments. See Joint Modification Details.
  6. Inspect all rail splices on bridges and approaches, replace missing set screws and verify proper splice tube locations. See Special Provision.
  7. Payment for bridge curb repair shall be considered incidental to pay item 518.391.
  8. Bridge curb (outside fascia) repair shall be paid for under item 518.60.
  9. Contractor shall notch existing bull-nosed curb as required to recess proposed terminal curb type 2, or remove existing bull-nosed curb in its entirety and rebuild with concrete. Incidental to item 526.34.

SHEET NUMBER										STATE OF MAINE									
INTERSTATE 295 NORTHBOUND PORTLAND CONNECTOR PORTLAND CUMBERLAND COUNTY PLAN AND TRANS. SECTION										DEPARTMENT OF TRANSPORTATION									
										IM-1792(910)E									
										BRIDGE NO. 6292									
										PIN 17929.10									
BRIDGE PLANS																			



8. The Resident shall approve the seals prior to fabrication of the Expansion Device.

**TRANSVERSE SECTION**  
N.T.S.

Dimensions and Layout:

- Overall width:  $63'-11'' \pm$  to  $70'-4'' \pm$  Skewed
- Left side dimensions:  $32'-0''$  (to centerline),  $1'-9\frac{1}{2}''$  (to snow fence),  $17'-6''$  (to centerline).
- Right side dimension:  $1'-9\frac{1}{2}''$  (to centerline).
- Centerline:  $\pm$  I-295 NB

Construction Details and Notes:

- Existing Bridge Snow Fence (Typ.)
- Existing 2 Bar Aluminum Bridge Rail Type Z (Typ.)
- Existing Granite Curb (Typ.)
- Remove existing pavement and membrane. Install high performance waterproofing membrane. Place  $2\frac{1}{2}''$  hot mix asphalt pavement.
- Existing  $2\frac{1}{2}''$  Hot Bituminous Pavement Over  $\frac{1}{4}''$  Membrane Waterproofing
- Existing  $3\phi$  PVC electrical conduit
- Grades:  $\frac{1}{2}''/\text{FT.}$  (downward slope on both sides)

TRANSVERSE SECTION  
N.T.S.

SHEET NUMBER <div>10</div> <div>OF 111</div>		INTERSTATE 295 NORTHBOUND CONGRESS STREET & PARK AVENUE PORTLAND CUMBERLAND COUNTY				PROJ. MANAGER		DGE	BY	DATE
		PLAN AND TRANS. SECTION				DESIGN-DETAILED	RWH	MPC	12/11	SIGNATURE
						CHECKED-REVIEWED	DGE	TRC	12/11	
						DESIGN2-DETAILED2	-	-	-	
						DESIGN3-DETAILED3	-	-	-	
						REVSIONS 1	-	-	-	
						REVSIONS 2	-	-	-	DATE
						REVSIONS 3	-	-	-	
						REVSIONS 4	-	-	-	
						FIELD CHANGES	-	-	-	
	-					-	-			
STATE OF MAINE DEPARTMENT OF TRANSPORTATION										
IM-1792(910)E										
BRIDGE NO. 6294										
PIN 17929.10										
BRIDGE PLANS										

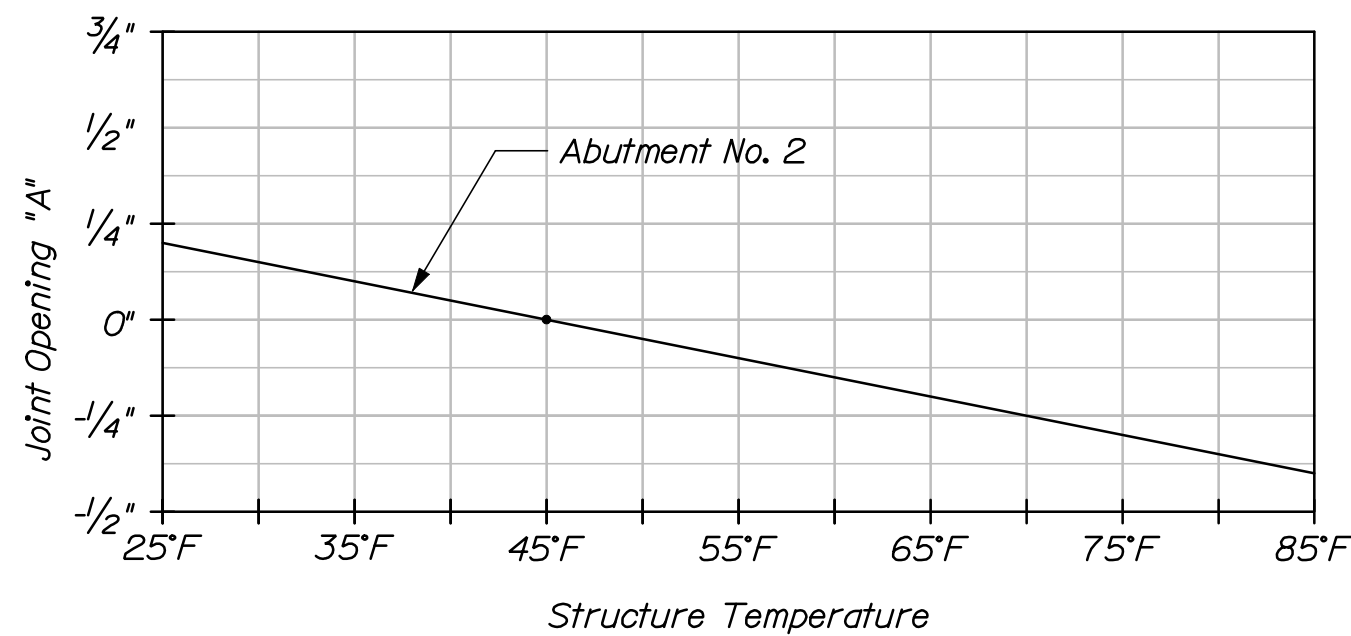
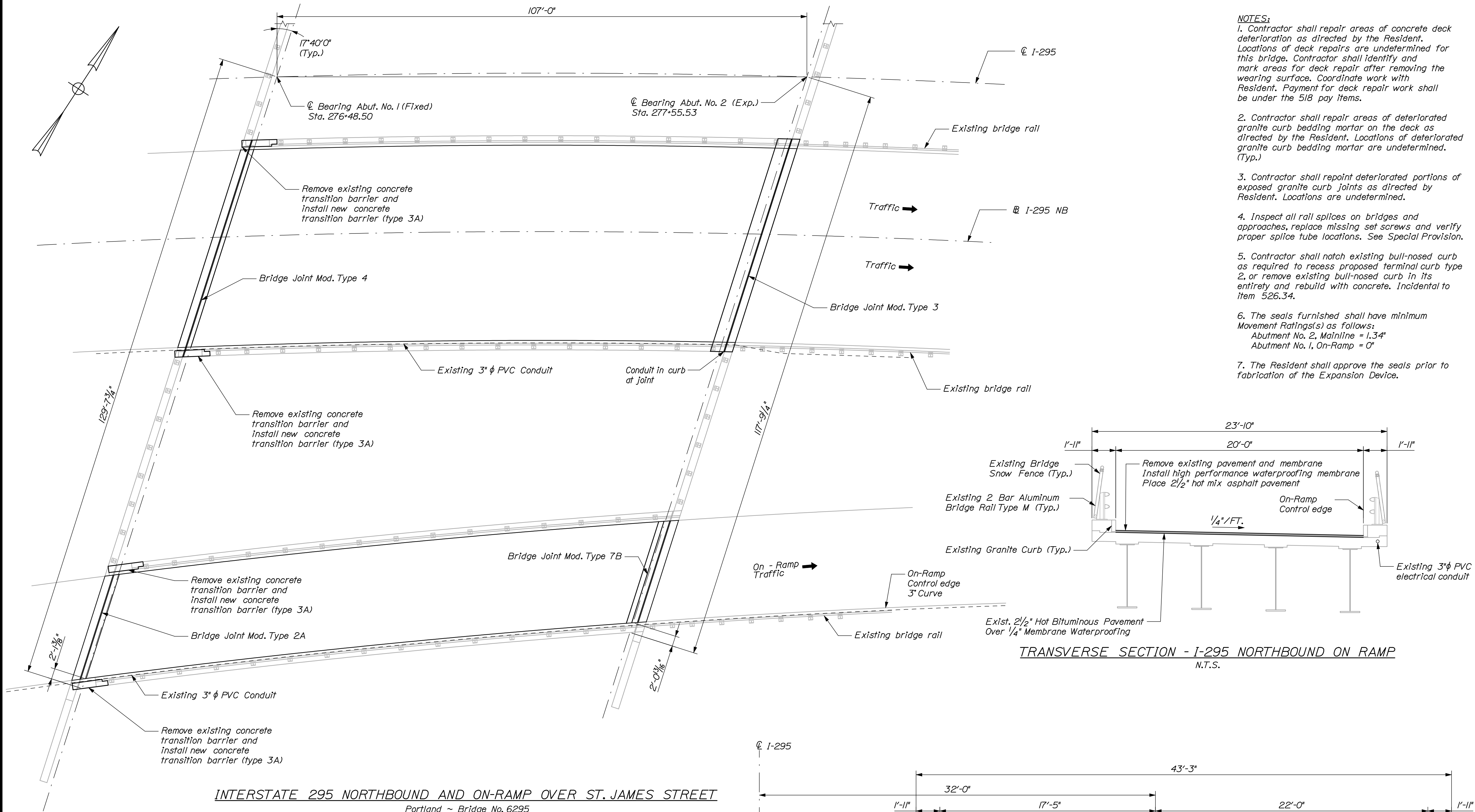


Date:12/21/2011

Username: bhavu

Division: BRIDGE

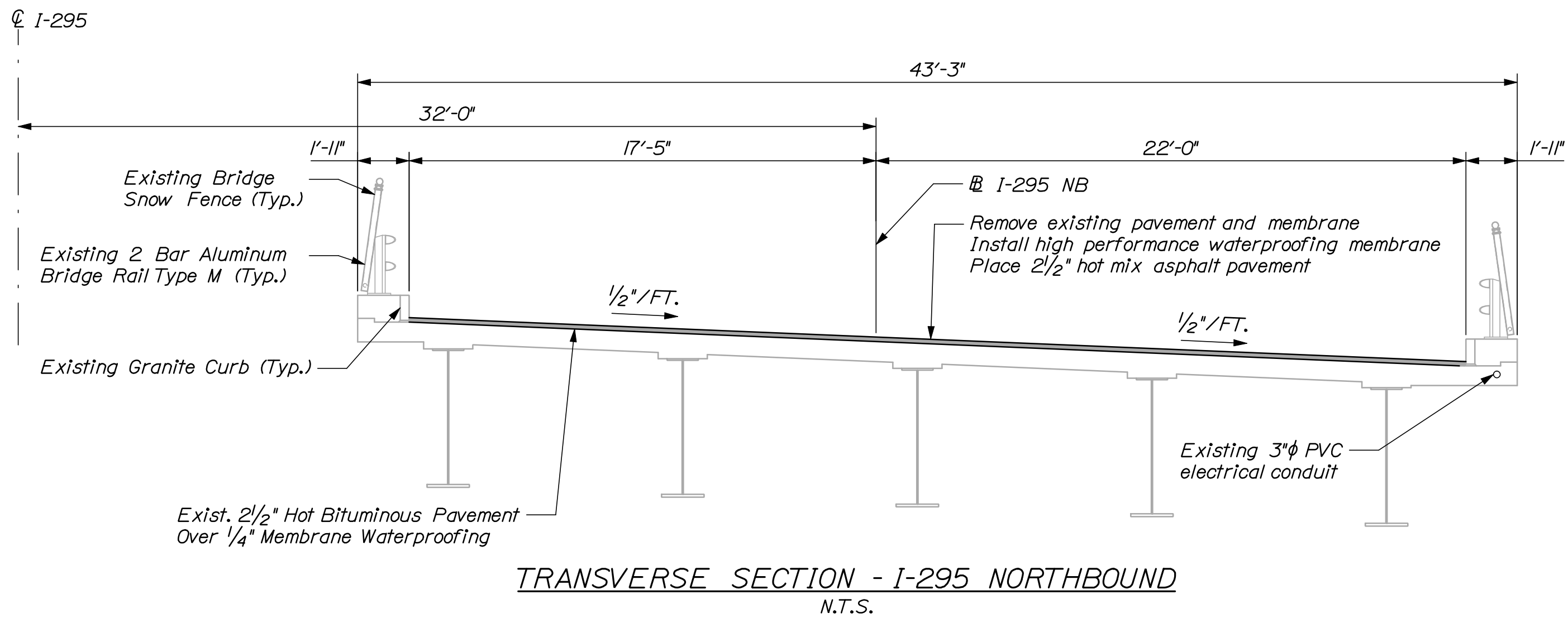
Filename: 011\_PlanXsec-St. James St.dgn



Seal Opening Adjustment Table - St. James Street

- 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 directed by the Resident. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
  3. Contractor shall repoint deteriorated portions of exposed granite curb joints as directed by Resident. Locations are undetermined.
  4. Inspect all rail splices on bridges and approaches, replace missing set screws and verify proper splice tube locations. See Special Provision.
  5. Contractor shall notch existing bull-nosed curb as required to recess proposed terminal curb type 2, or remove existing bull-nosed curb in its entirety and rebuild with concrete. Incidental to item 526.34.
  6. The seals furnished shall have minimum Movement Ratings(s) as follows:  
Abutment No. 2, Mainline = 1.34"  
Abutment No. 1, On-Ramp = 0"
  7. The Resident shall approve the seals prior to fabrication of the Expansion Device.

TRANSVERSE SECTION - I-295 NORTHBOUND ON RAMP  
N.T.S.



TRANSVERSE SECTION - I-295 NORTHBOUND  
N.T.S.

STATE OF MAINE				DEPARTMENT OF TRANSPORTATION				BRIDGE PLANS			
IM-1792(910)E				PIN				17923.10			
BRIDGE NO. 6295				DATE				FIELD CHANGES			
INTERSTATE 295 NORTHBOUND & ON-RAMP				ST. JAMES STREET				PORTLAND			
CUMBERLAND COUNTY				PLAN AND TRANS. SECTION				SHEET NUMBER			
11				OF 111							

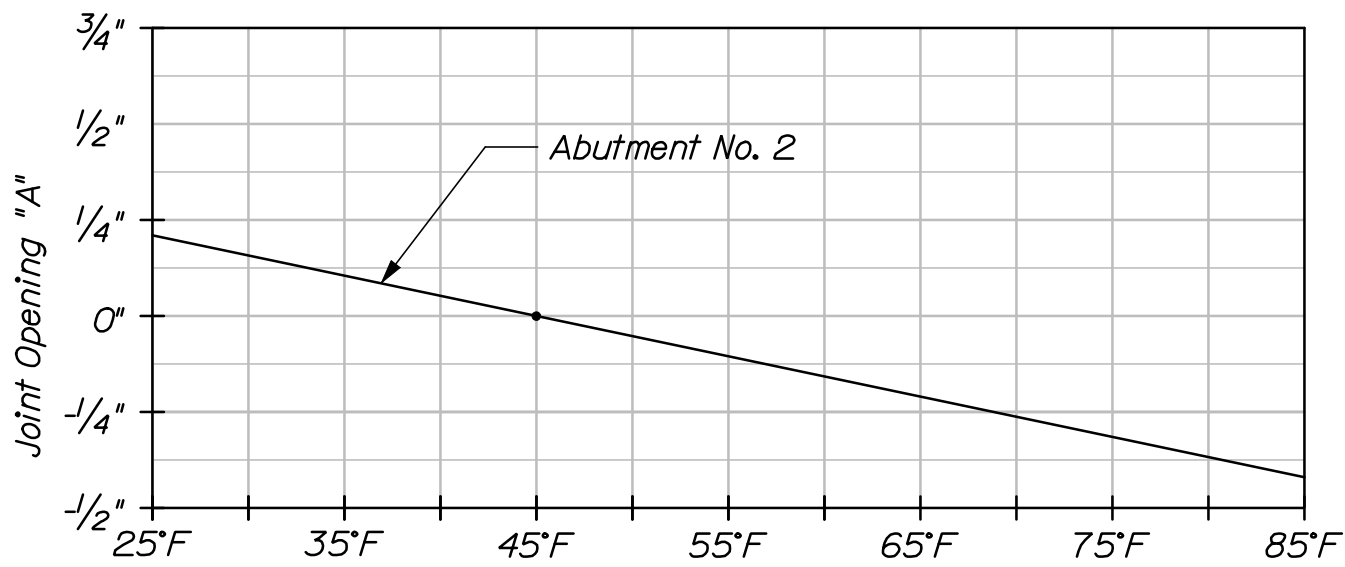
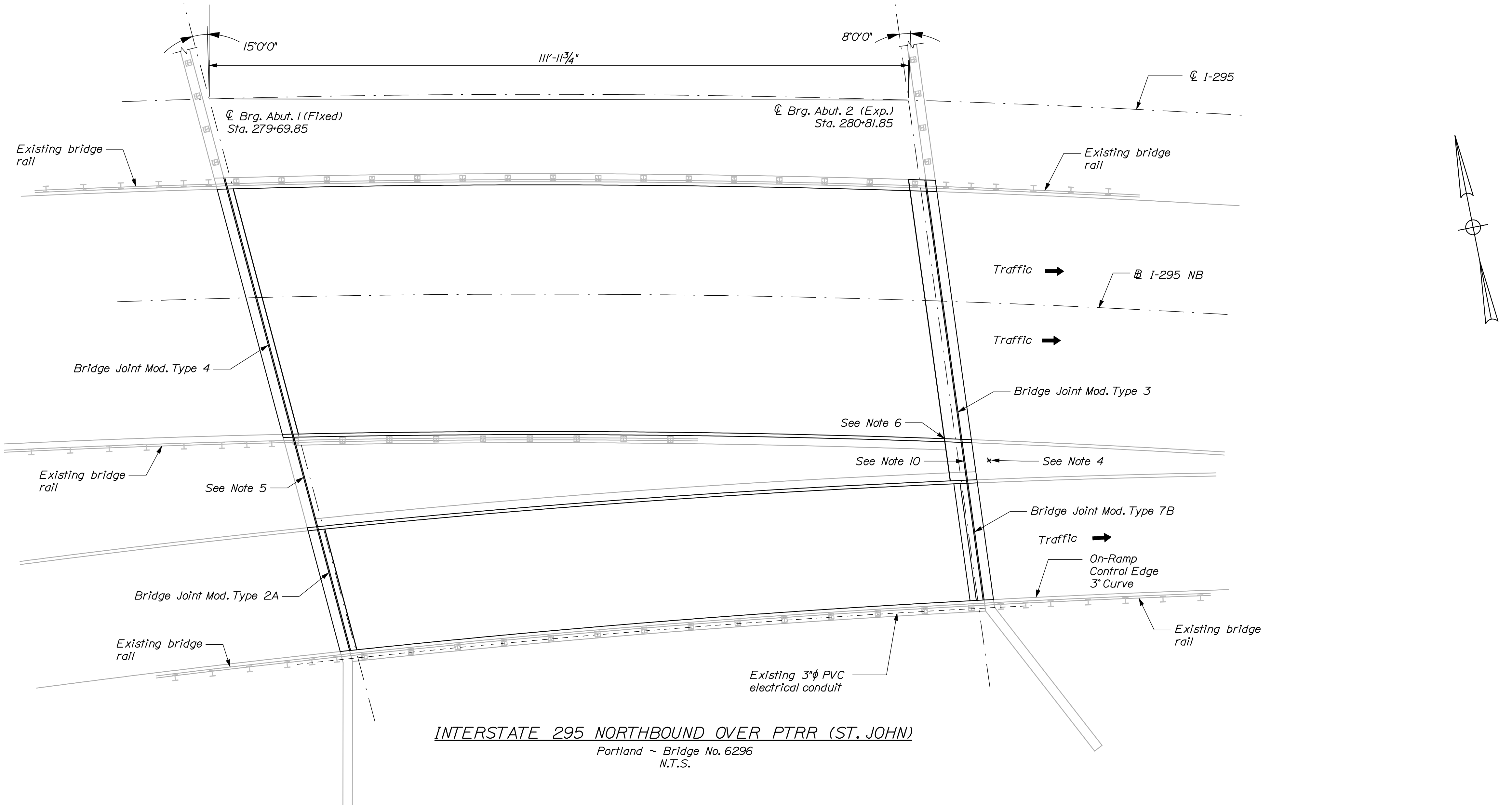
Date:12/21/2011

Username: bhavu

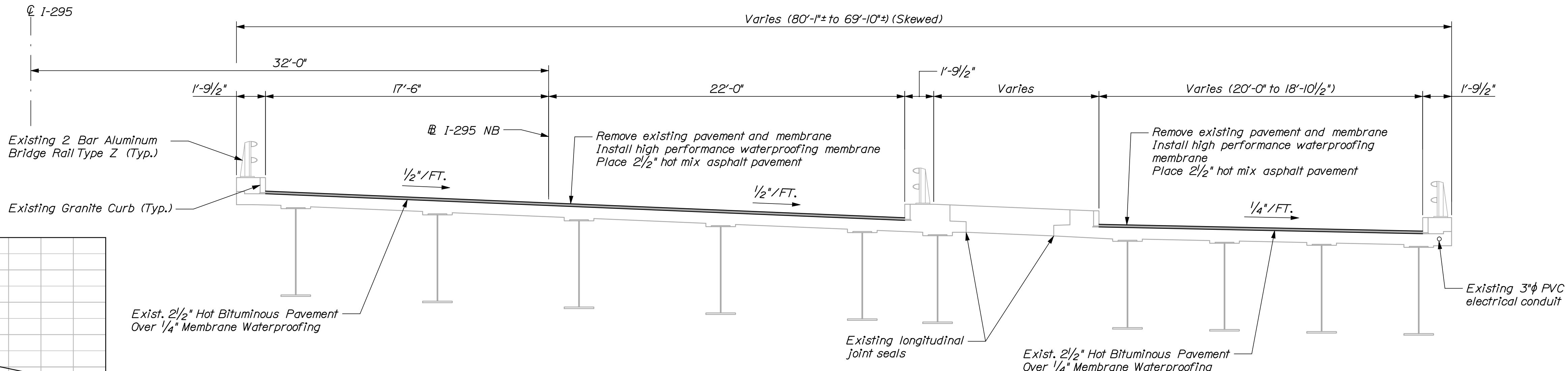
Division: BRIDGE

Filename: 012\_PlanXsec-PTRR-StJohn.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 directed by the Resident. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
  - Contractor shall repoint deteriorated portions of exposed granite curb joints as directed by Resident. Locations are undetermined.
  - Coordinate relocation of survey marker with the Resident prior to the deck and joint work.
  - Remove compression seal, prepare opening and install backer rod and non-sag silicone sealant per asphaltic plug joint (APJ) specification. Work shall be incidental to adjacent APJ.
  - Sections of the median curb/backwall removed to install the Type 3 joint shall be replaced and sealed to the satisfaction of the Resident. Work shall be incidental to the Type 3 joint.
  - Inspect all rail splices on bridges and approaches, replace missing set screws and verify proper splice tube locations. See Special Provision.
  - The seals furnished shall have minimum Movement Ratings(s) as follows:  
Abutment No. 2, Mainline = 1.40"  
Abutment No. 1, On-Ramp = 0"
  - The Resident shall approve the seals prior to fabrication of the Expansion Device.
  - Contractor shall modify North Abutment median joint in accordance with the median joint details as shown on the special details (Miscellaneous Bridge Details). Payment for work shall be considered incidental to the Type 3 Joint Modification.



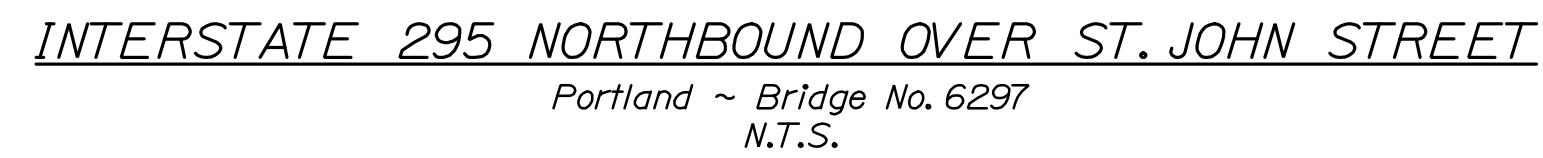
Seal Opening Adjustment Table - PRR (St. John)



STATE OF MAINE DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		BRIDGE NO. 6296		PIN 17925.10		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND PTRR (ST. JOHN)		CUMBERLAND COUNTY		PORTLAND		PLAN AND TRANS. SECTION		SHEET NUMBER	
12								OF 111	



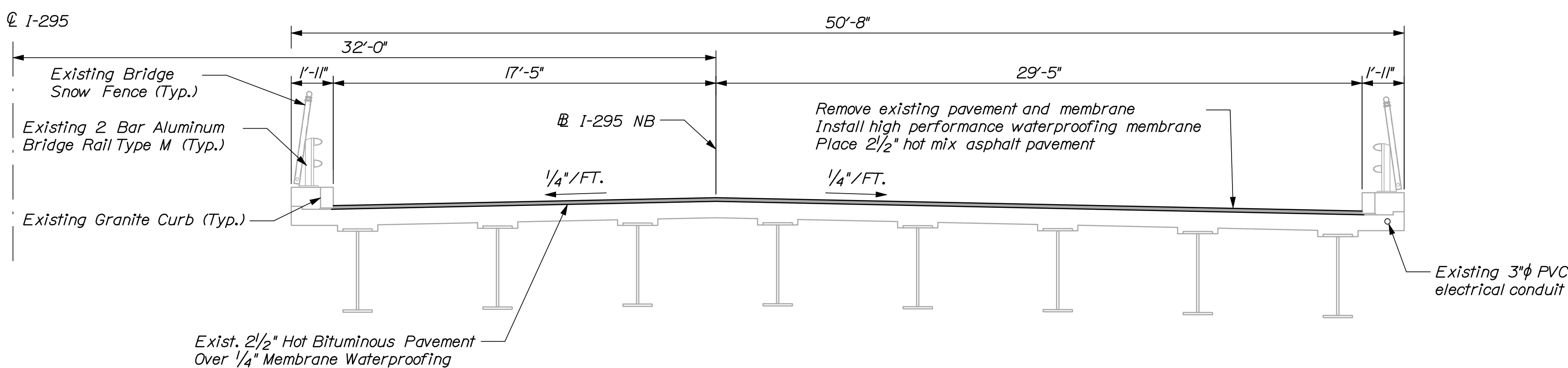
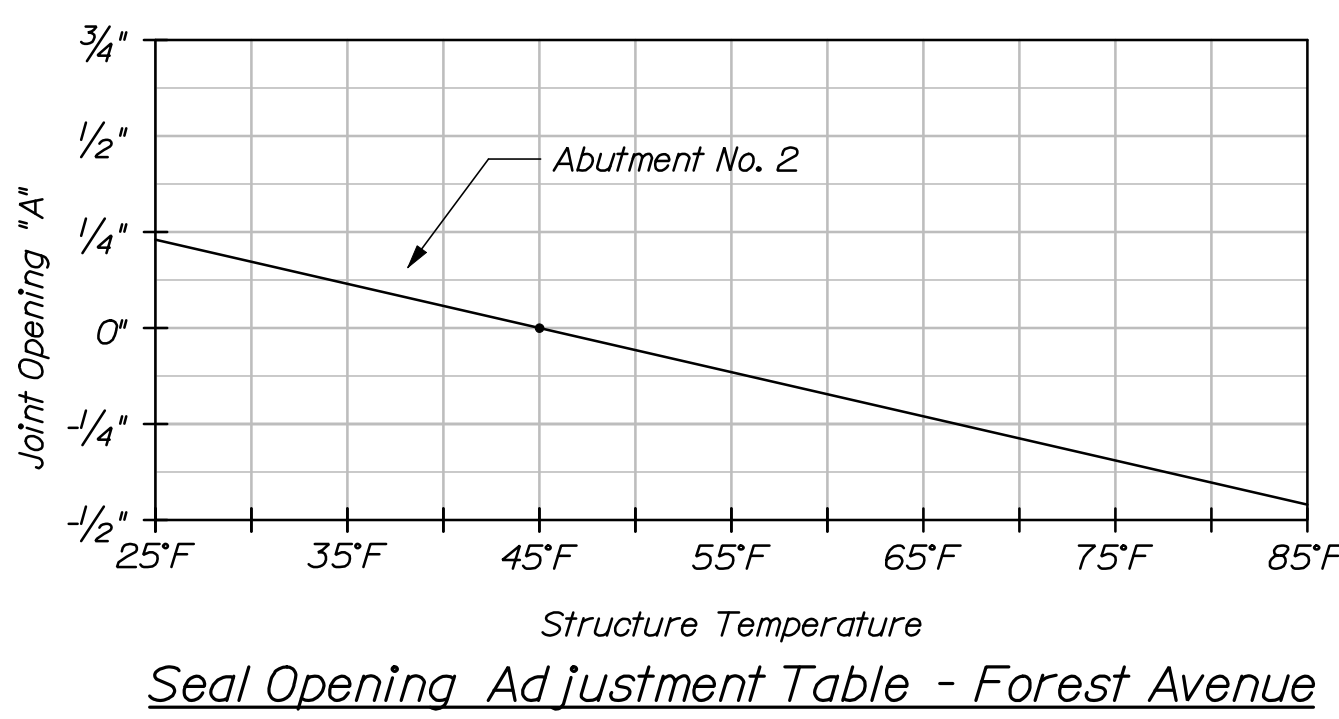
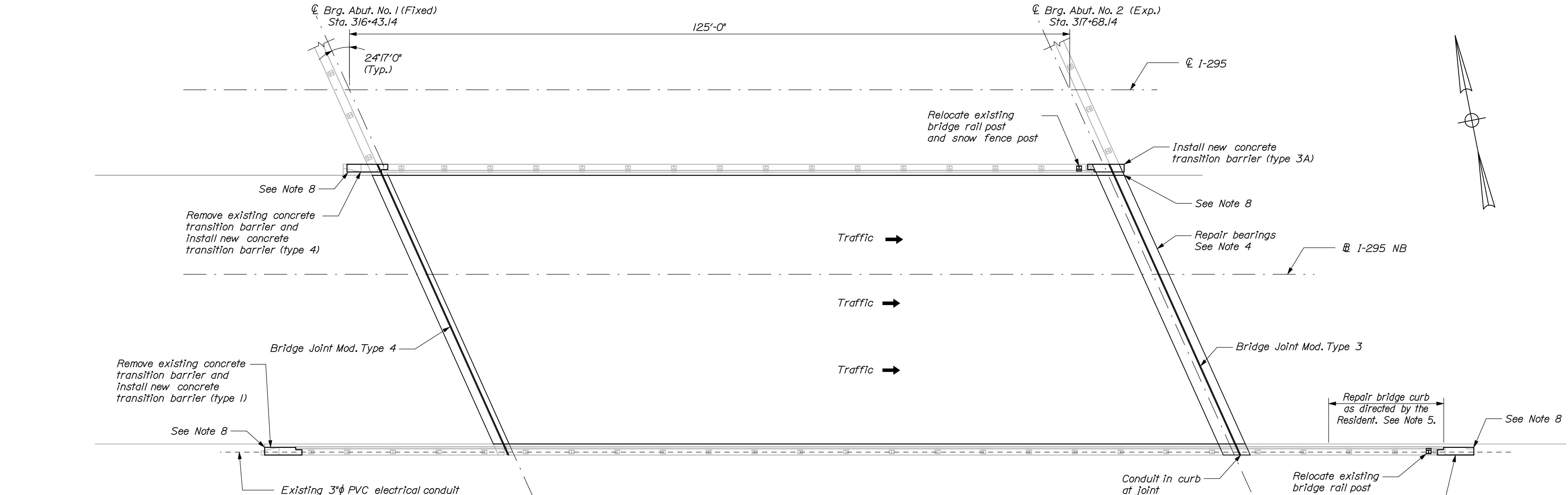
7. The Resident shall approve the seals prior to fabrication of the Expansion Device.



SHEET NUMBER

13

OF 111



- 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 directed by the Resident. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
  3. Contractor shall repoint deteriorated portions of exposed granite curb joints as directed by Resident. Locations are undetermined.
  4. Contractor shall de-lead, sandblast and paint bearings and adjacent ends of steel girders. See Special Provision.
  5. Payment for bridge curb repair shall be considered incidental to pay item 518.391.
  6. Relocation of snow fence post and modification of snow fencing shall be incidental to item 526.34.
  7. Inspect all rail splices on bridges and approaches, replace missing set screws and verify proper splice tube locations. See Special Provision.
  8. Contractor shall notch existing bull-nosed curb as required to recess proposed terminal curb type 2, or remove existing bull-nosed curb in its entirety and rebuild with concrete. Incidental to item 526.34.
  9. The seals furnished shall have minimum Movement Ratings(s) as follows:  
Abutment No. 2 =1.56"
  10. The Resident shall approve the seals prior to fabrication of the Expansion Device.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		BRIDGE NO. 6298		PIN 17925.10		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND FOREST AVENUE PORTLAND CUMBERLAND COUNTY		PLAN AND TRANS. SECTION		SHEET NUMBER <b>14</b> OF 111					



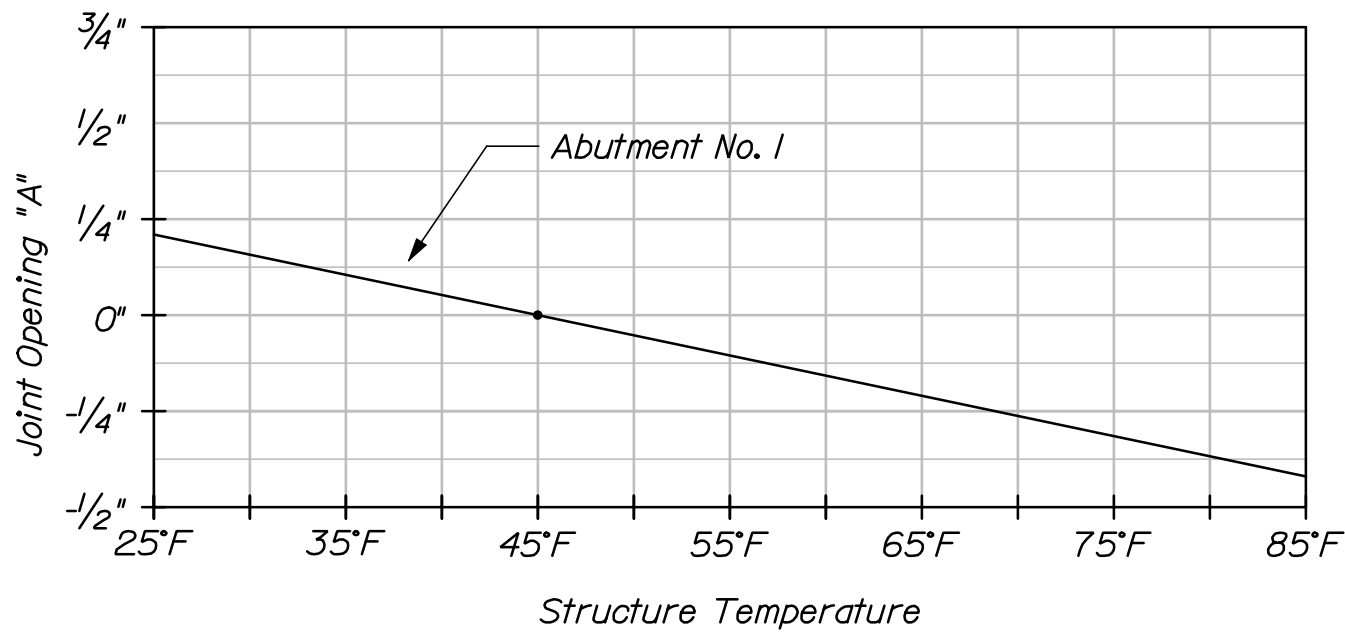
Date:12/21/2011

Username: bhavu

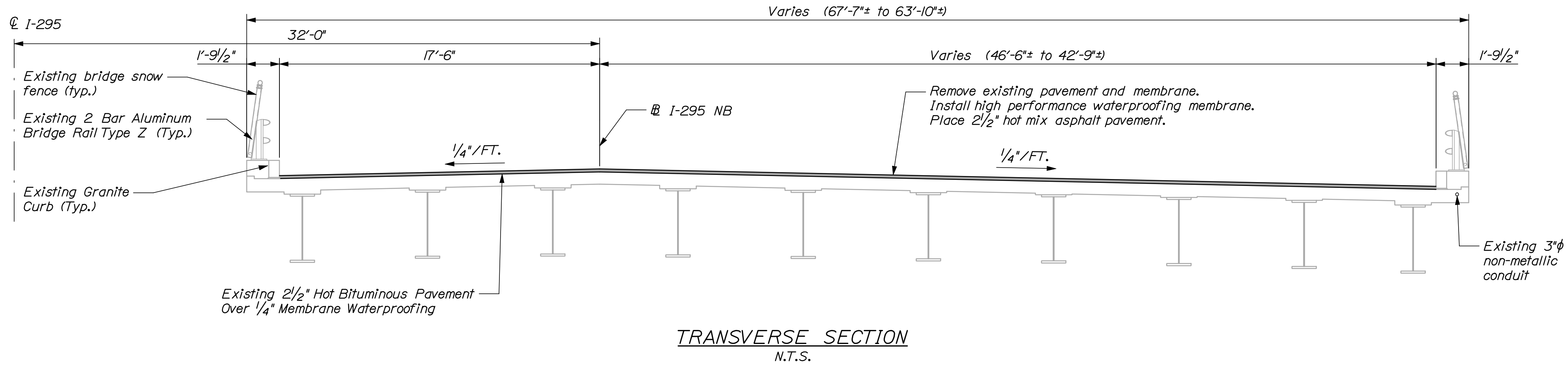
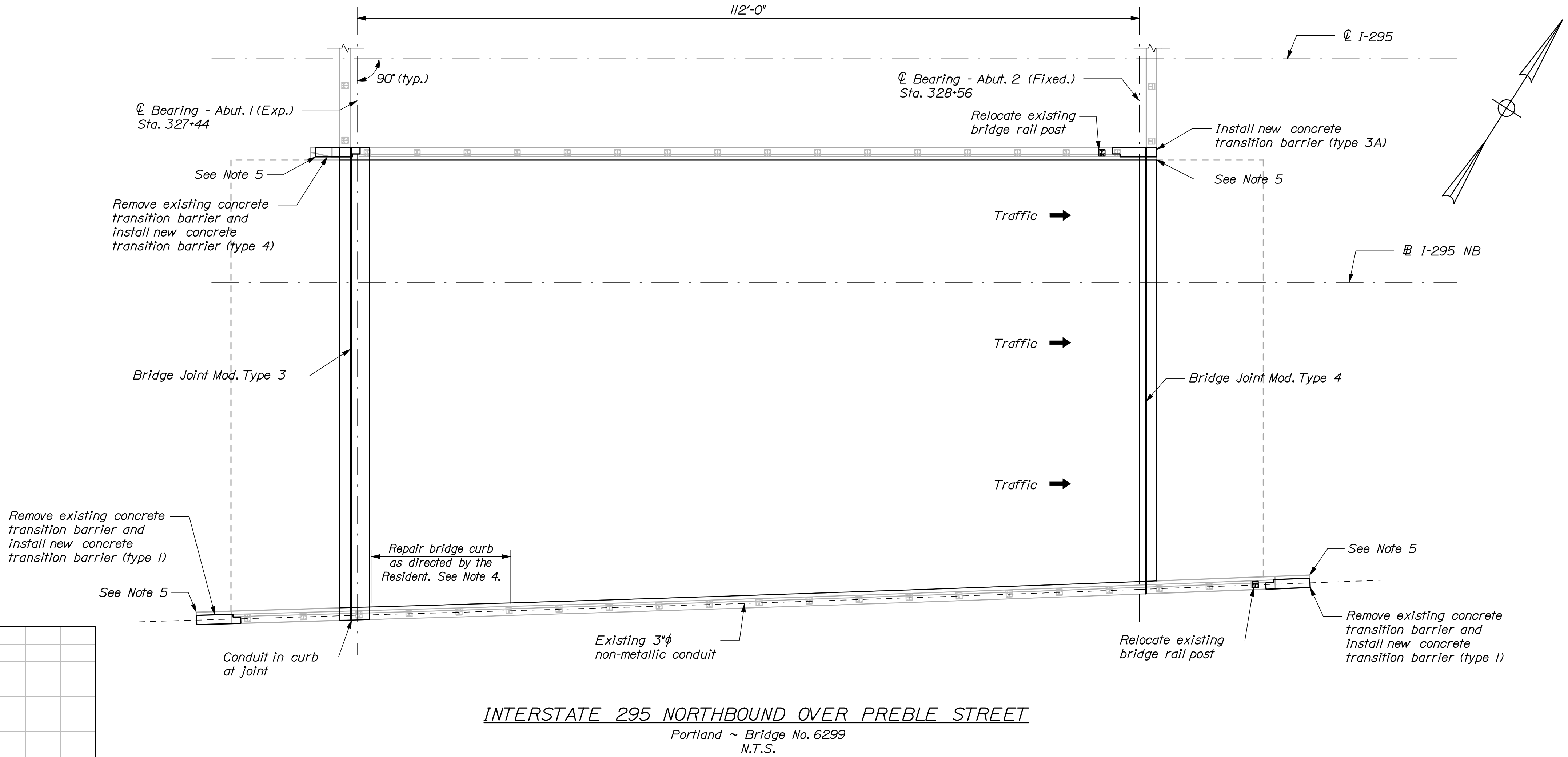
Division: BRIDGE

Filename: 015\_PlanXsec-Preble.dgn

- 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 directed by the Resident. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
  3. Contractor shall repoint deteriorated portions of exposed granite curb joints as directed by Resident. Locations are undetermined.
  4. Payment for bridge curb repair shall be considered incidental to pay item 518.391.
  5. Contractor shall notch existing bull-nosed curb as required to recess proposed terminal curb type 2, or remove existing bull-nosed curb in its entirety and rebuild with concrete. Incidental to item 526.34.
  6. Inspect all rail splices on bridges and approaches, replace missing set screws and verify proper splice tube locations. See Special Provision.
  7. The seals furnished shall have minimum Movement Ratings(s) as follows:  
Abutment No. 1 = 1.40"
  8. The Resident shall approve the seals prior to fabrication of the Expansion Device.



Seal Opening Adjustment Table - Preble Street



INTERSTATE 295 NORTHBOUND PREBLE STREET PORTLAND CUMBERLAND COUNTY				STATE OF MAINE DEPARTMENT OF TRANSPORTATION				
PLAN AND TRANS. SECTION				PROJ. MANAGER		DGE	BY	DATE
				DESIGN-DETAILED		RWH	MPC	12/11
				CHECKED-REVIEWED		DGE	TRC	12/11
				DESIGN2-DETAILED2		-	-	-
				DESIGN3-DETAILED3		-	-	-
				REVISIONS 1		-	-	P.E. NUMBER
				REVISIONS 2		-	-	
				REVISIONS 3		-	-	
				REVISIONS 4		-	-	DATE
				FIELD CHANGES		-	-	
SHEET NUMBER				BRIDGE NO. 6299		PIN 17929.10		BRIDGE PLANS
15								
OF 111								

*I. 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.*

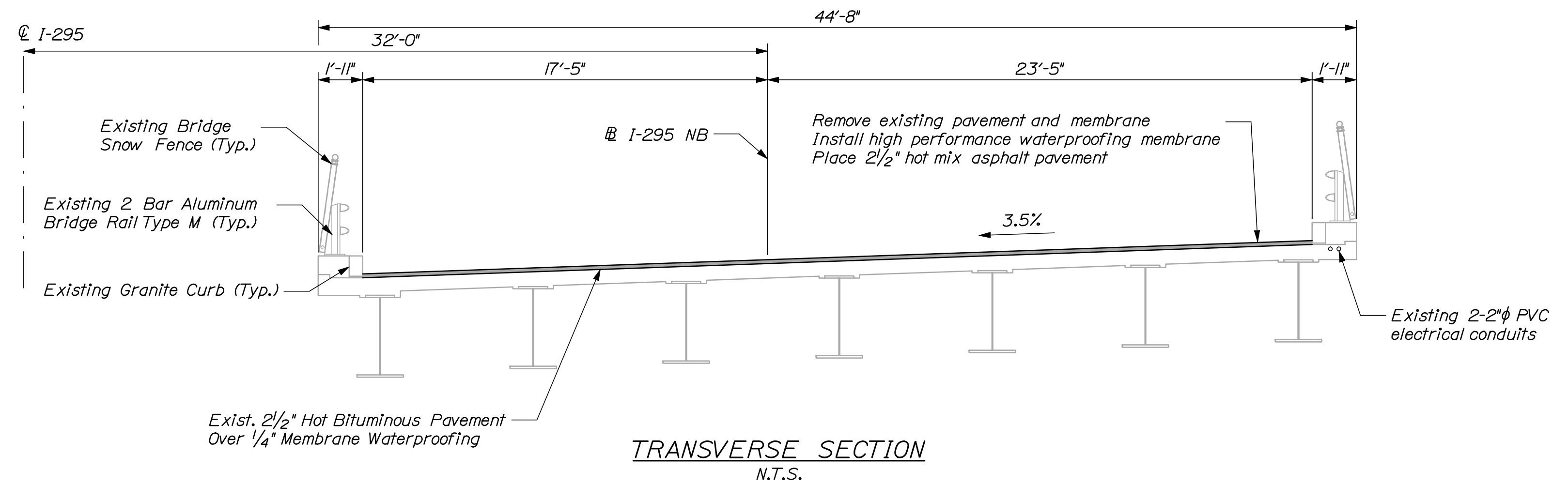
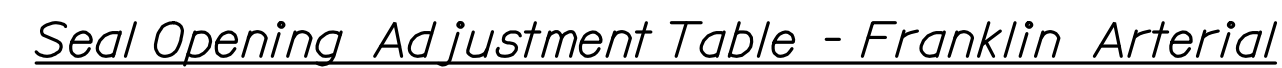
3. Contractor shall repoint deteriorated portions of exposed granite curb joints as directed by Resident. Locations are undetermined.

5. Contractor shall notch existing bull-nosed curb as required to recess proposed terminal curb type 2, or remove existing bull-nosed curb in its entirety and rebuild with concrete. Incidental to item 526.34.

7. The seals furnished shall have minimum Movement Ratings(s) as follows:  
Abutment No. 1 = 1.40"

[illegible]

Portland ~ Bridge No. 6300  
N.T.S.



IM-1792(910)E

BRIDGE NO. 6300 **17929.10** BRIDGE PLANS

DESIGN-DETAILED	RWH	MPC	12/11	SIGNATURE
CHECKED-REVIEWED	DGE	TRC	12/11	
DESIGN-DETAILED2			-	
DESIGN-DETAILED3			-	P.E. NUMBER
REVISIONS 1			-	
REVISIONS 2			-	
REVISIONS 3			-	DATE
REVISIONS 4			-	
FIELD CHANGES			-	

INDEPENDENT 233 NORTHWOOD  
FRANKLIN ARTERIAL  
PORTLAND CUMBERLAND COUNTY

## PLAN AND TRANS. SECTION

SHEET NUMBER

16

OF 111

Date:12/21/2011

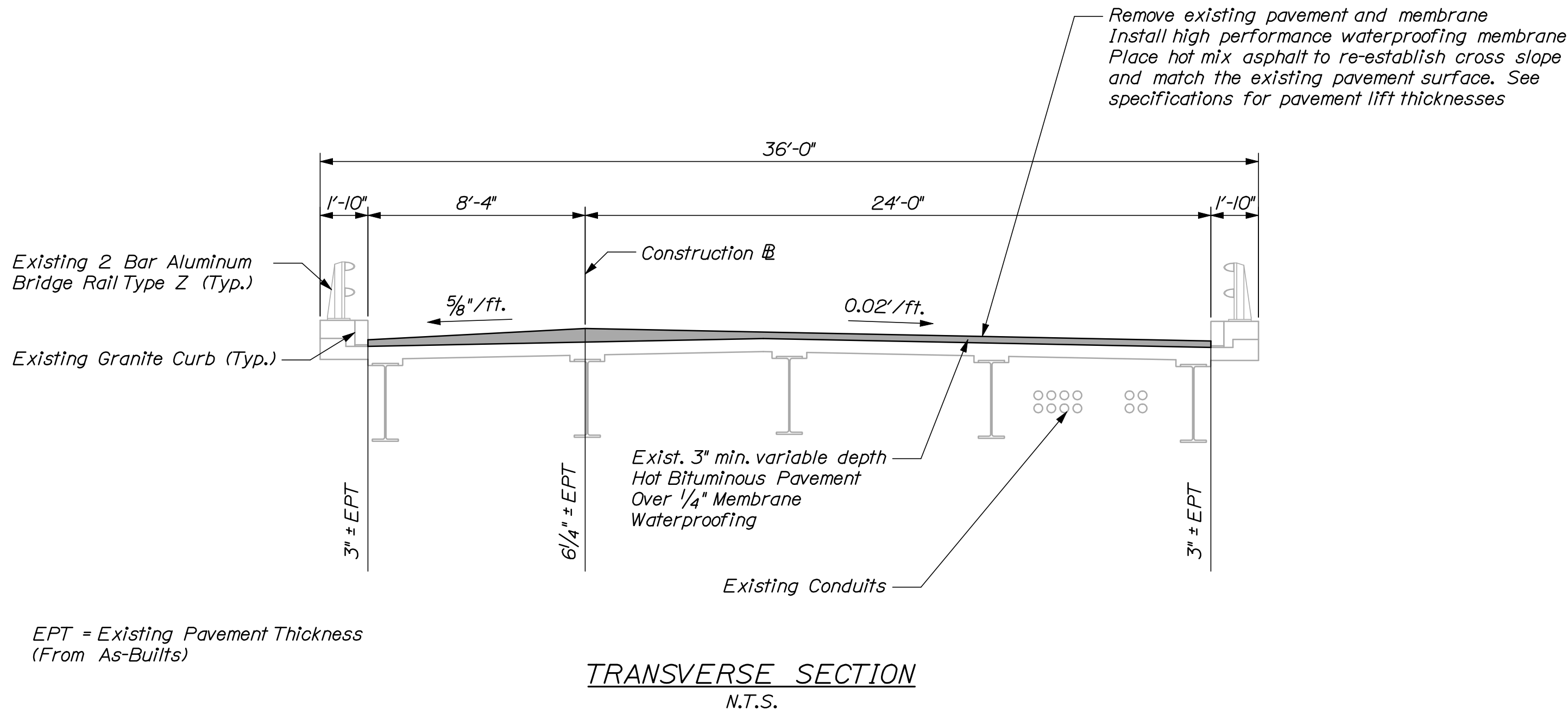
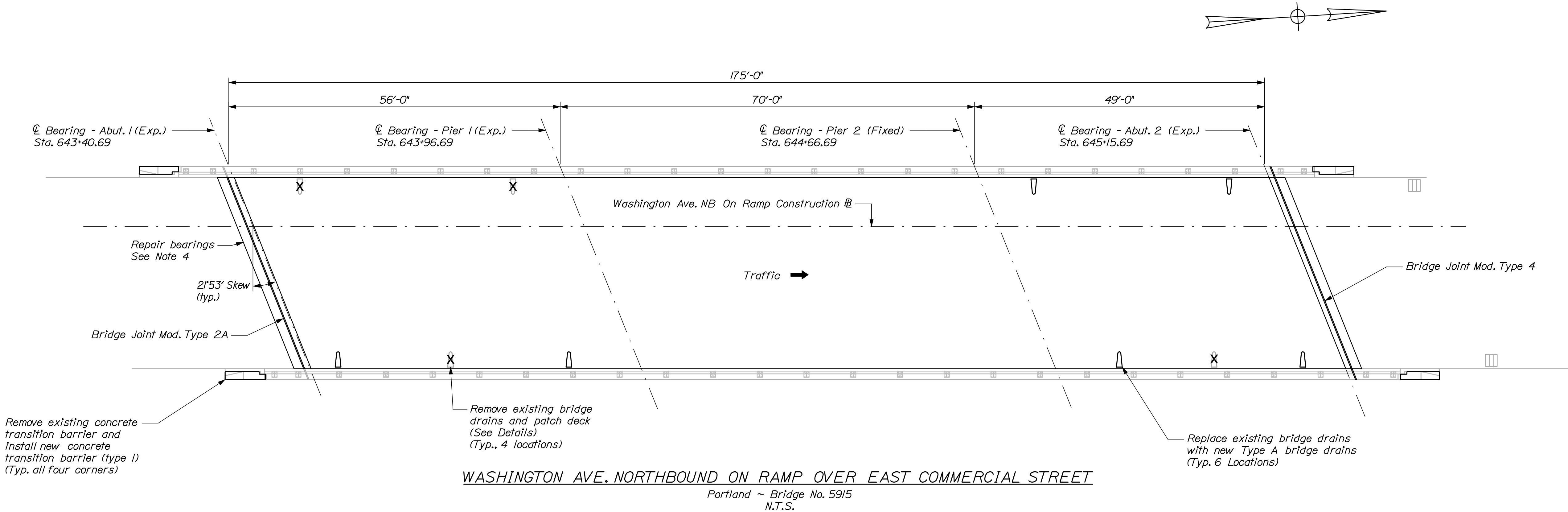
Username: bhavu

Division: BRIDGE

Filename: 017\_PlanXsec-WashAveNBonRamp.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 directed by the Resident. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)
- Contractor shall repoint deteriorated portions of exposed granite curb joints as directed by Resident. Locations are undetermined.
- Contractor shall de-lead, sandblast and paint bearings and adjacent ends of steel girders. See Special Provision.
- Inspect all rail splices on bridges and approaches, replace missing set screws and verify proper splice tube locations. See Special Provision.
- The seals furnished shall have minimum Movement Ratings(s) as follows:  
Abutment No. 1 = 1.58"
- The Resident shall approve the seals prior to fabrication of the Expansion Device.



STATE OF MAINE DEPARTMENT OF TRANSPORTATION <b>IM-1792(910)E</b>	BRIDGE NO. 5915		PIN 17925.10		BRIDGE PLANS	
	DATE		SIGNATURE		P.E. NUMBER	
	DATE		SIGNATURE		P.E. NUMBER	
INTERSTATE 295 NORTHBOUND WASHINGTON AVE. NB ON RAMP PORTLAND CUMBERLAND COUNTY <b>PLAN AND TRANS. SECTION</b>	PROJ. MANAGER	DOE	BY	DATE	SHEET NUMBER	
	DESIGN-DETAILED	RWH	MPC	12/11	17	
	CHECKED-REVIEWED	DOE	TFC	12/11		
	DESIGN-DETAILED	-	-	-		
	REVISIONS 1	-	-	-		
				REVISIONS 2	OF 111	
				REVISIONS 3		
				REVISIONS 4		
				FIELD CHANGES		

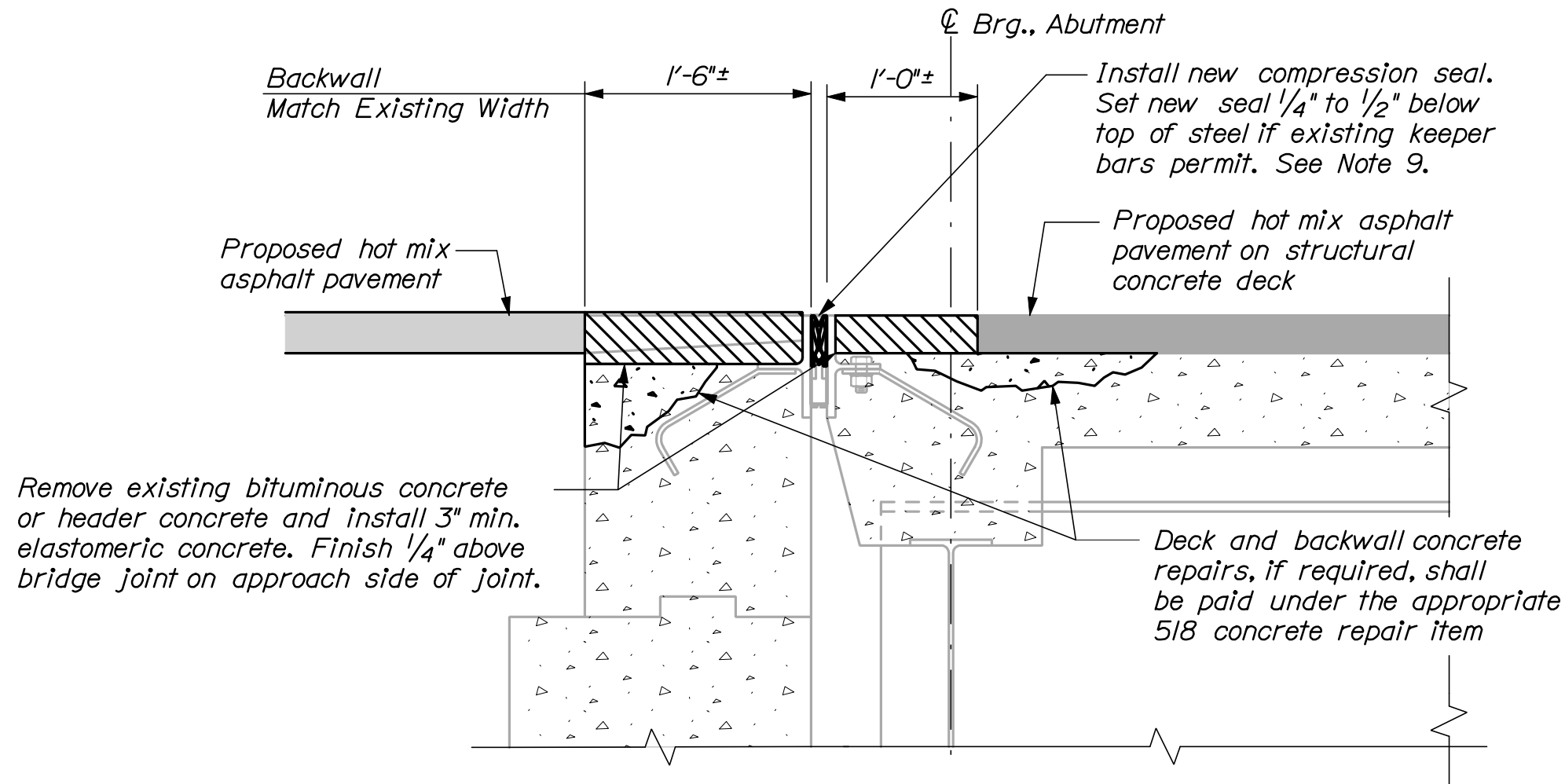


Date:12/21/2011

Username: bhavu

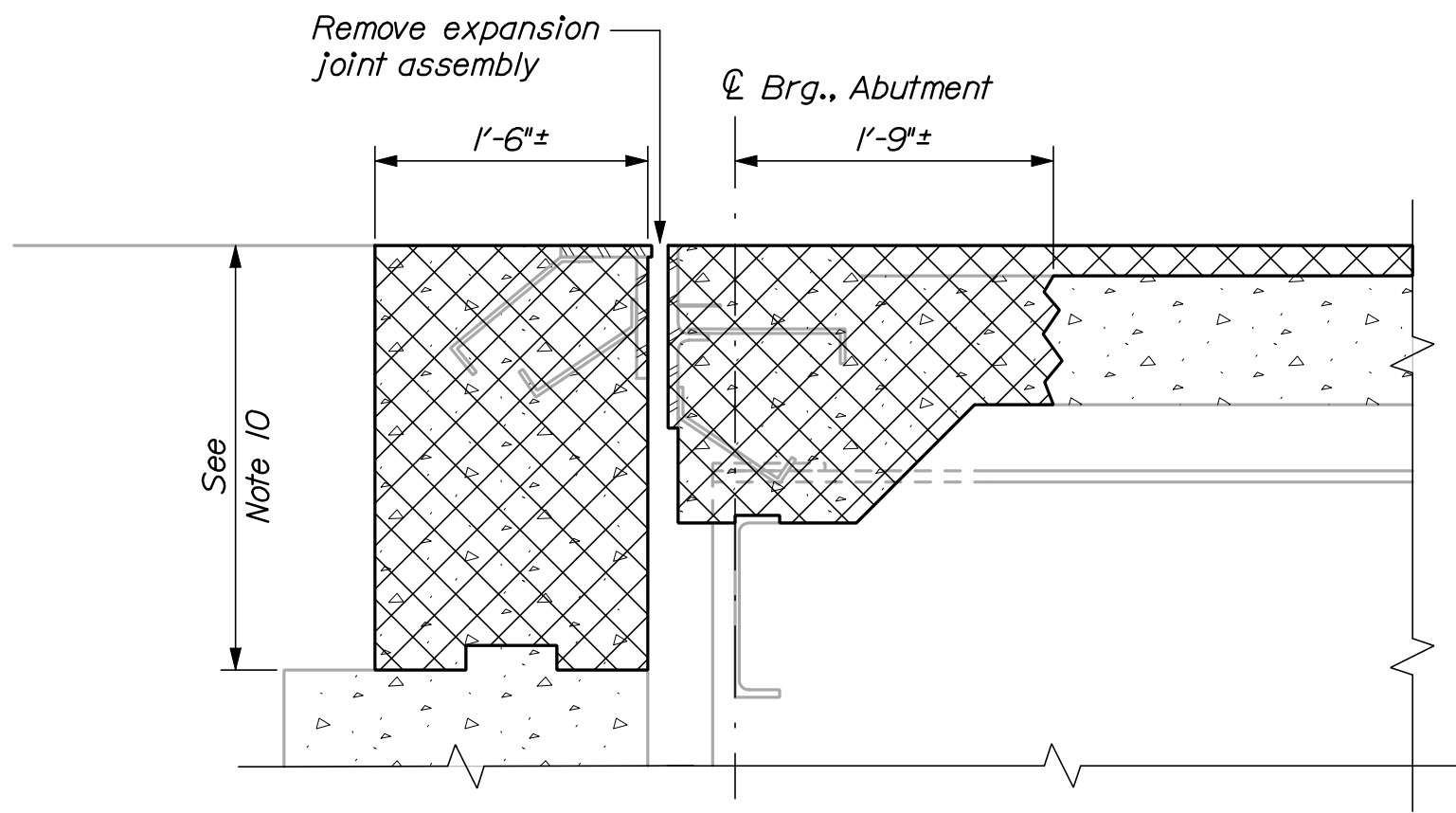
Division: BRIDGE

Filename: 018\_JointDetails1.dgn

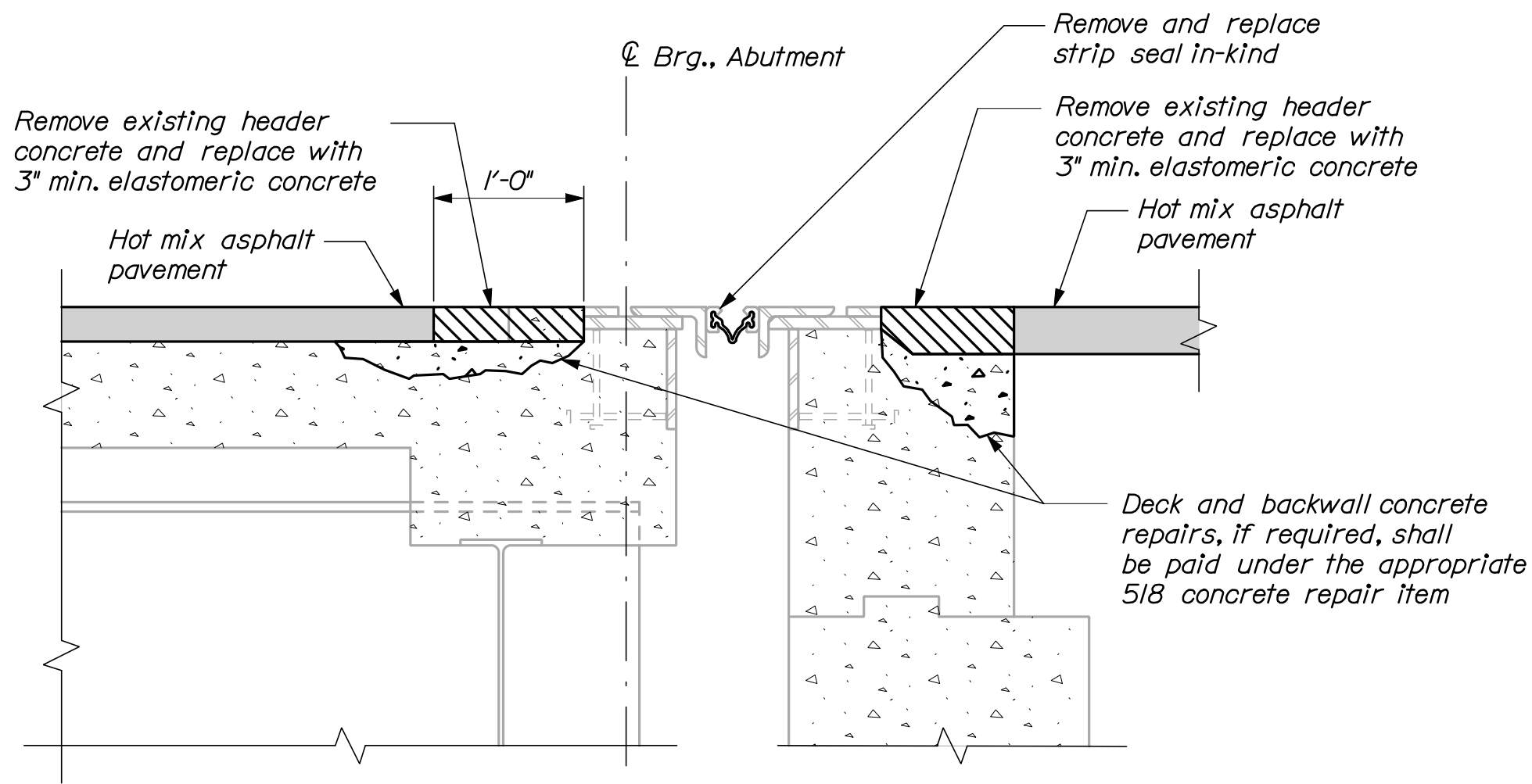


BRIDGE JOINT MODIFICATION TYPE 2A  
1" = 1'-0"

Limits of joint modification:  
Compression seal - full deck width and completely through raised curbs plus six inch extensions per side;  
Elastomeric concrete - full deck width to face of raised curb.

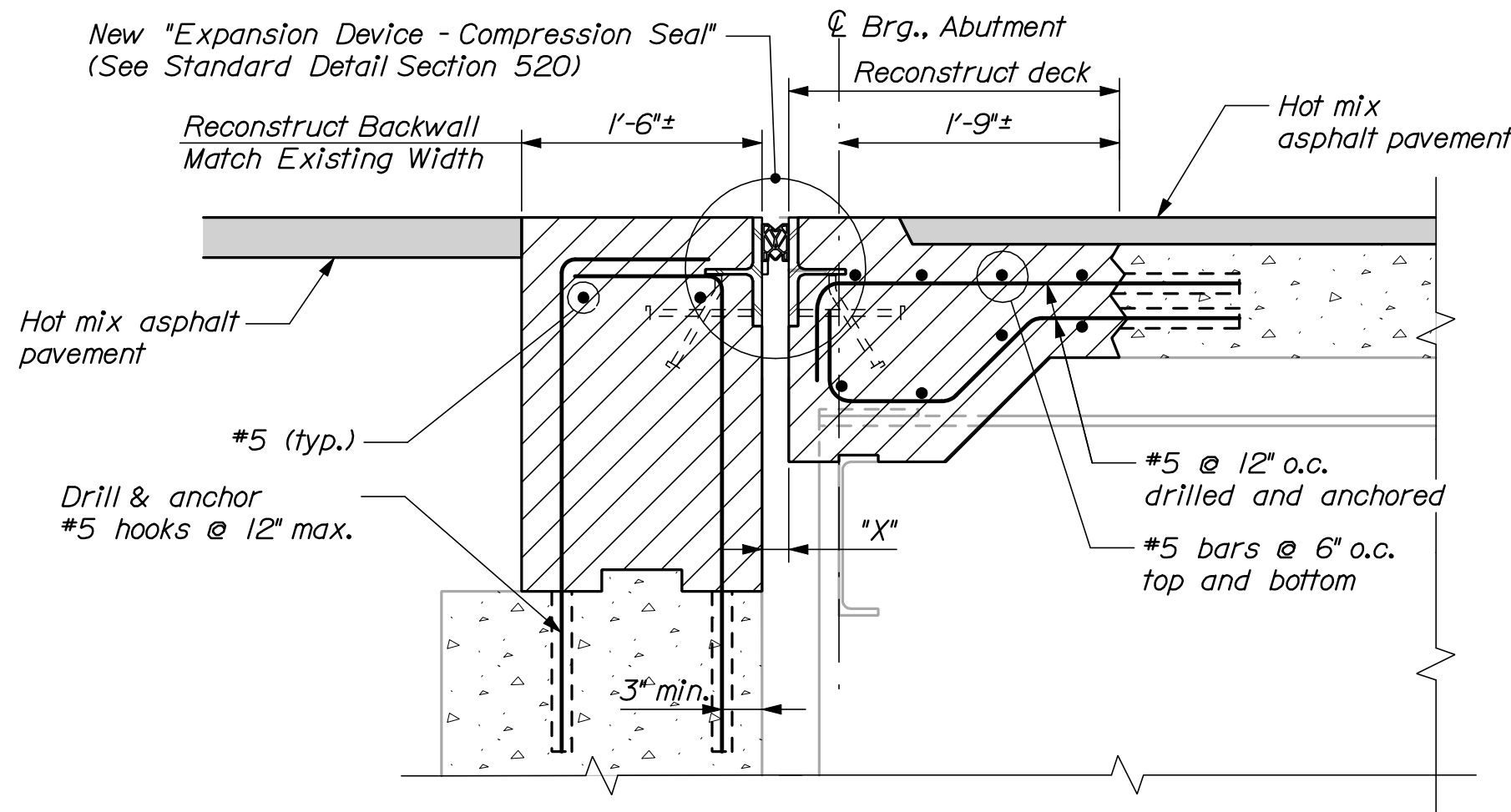


DEMOLITION



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

Limits of joint modification:  
Gland seal - full deck width and partially through raised curbs (match limits of existing seal and extrusion;  
Elastomeric concrete - full deck width to face of raised curbs.

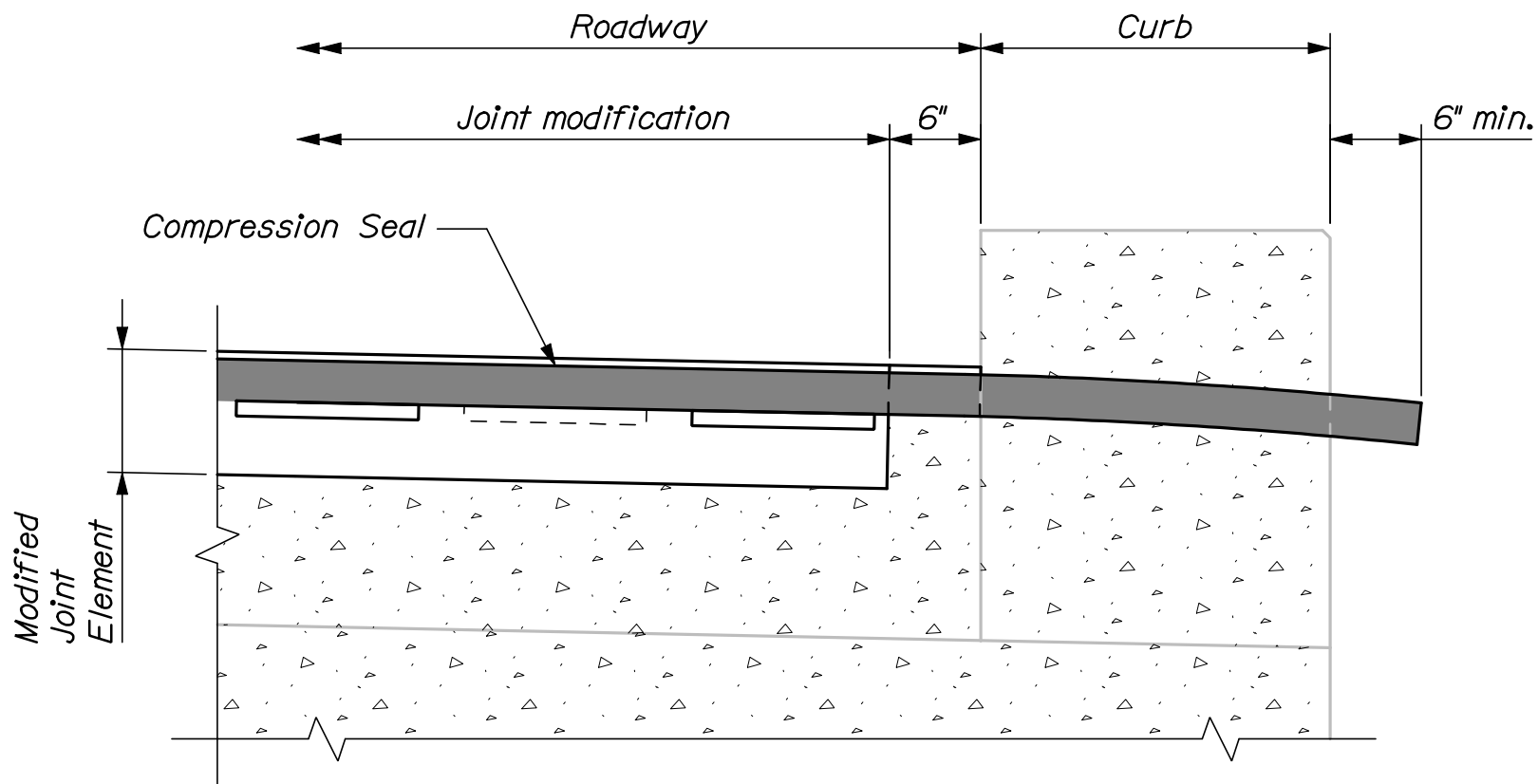


CONSTRUCTION

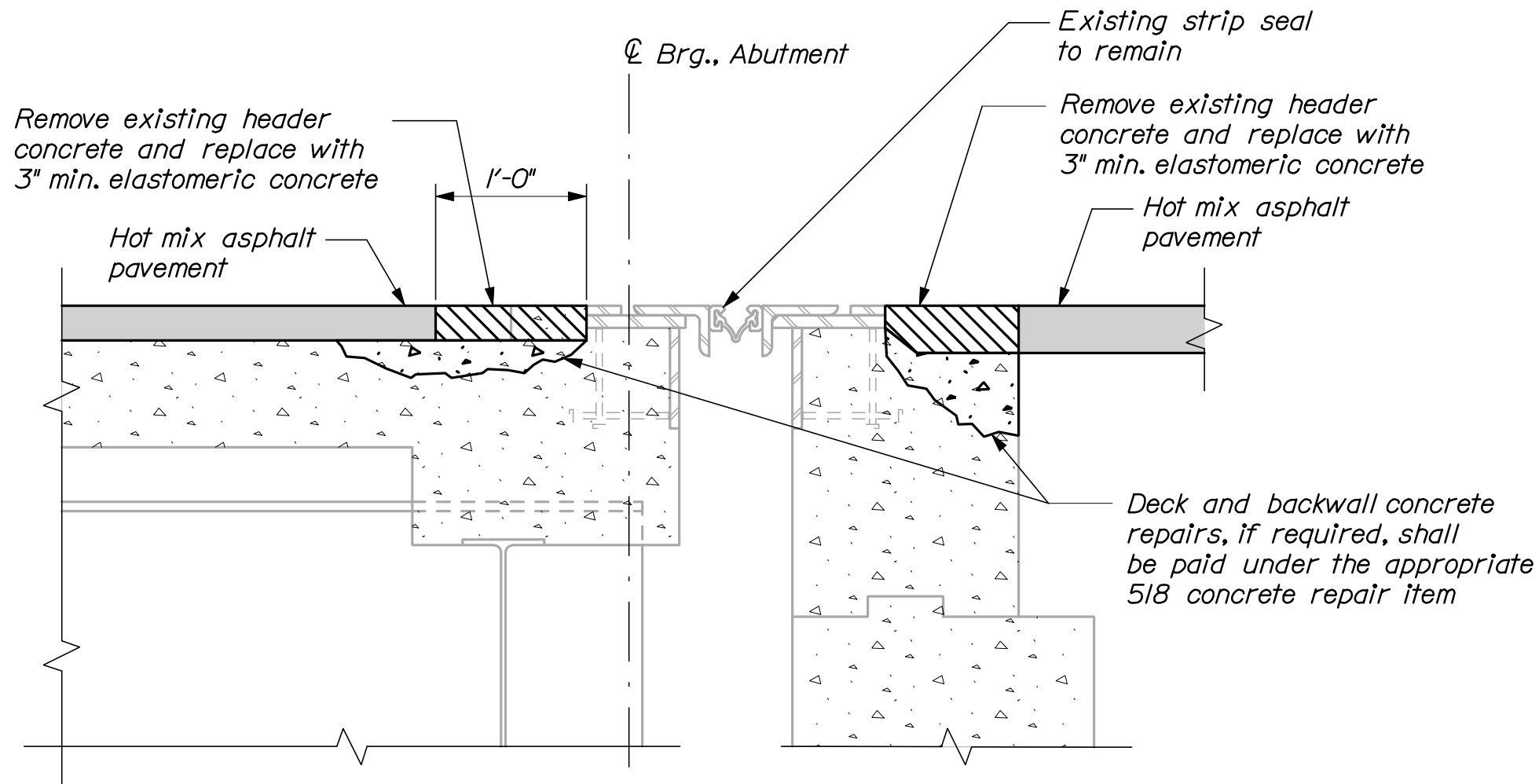
JOINT MODIFICATION TYPE 3

(See also Reconstructed Curb & Overhang Detail, Joint Modification Details III Sheet)  
1" = 1'-0"

Limits of joint modification:  
Compression seal - full deck width and completely through raised curbs plus six inch extensions per side;  
New joint armor and structural concrete - full deck width, out to out.



COMPRESSION SEAL JOINT DETAIL AT CURB



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

Limits of joint modification:  
Elastomeric concrete - full deck width to face of raised curbs.

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 galvanized.
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 bituminous or 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 the respective joint modification details.
7. Welding shall be completed as a series of skip welds to minimize welding distortion.
8. If the base metal temperature falls below 32 degrees Fahrenheit, the base metal shall be heated to a minimum of 80 degrees Fahrenheit before welding. If the base metal temperature falls below 50 degrees Fahrenheit, the base metal shall be heated to remove any moisture. A welding procedure and listing of proposed welding consumables shall be submitted to the Resident for approval.
9. Keeper bars shall be positioned to allow top of compression seal to sit 1/4" to 1/2" below top of armor. If existing keeper bar does not permit the seal to set at the specified depth, contractor shall notify the Resident.
10. Minimum depth of backwall reconstruction shall be to backwall construction joint or solid concrete, whichever is greater.

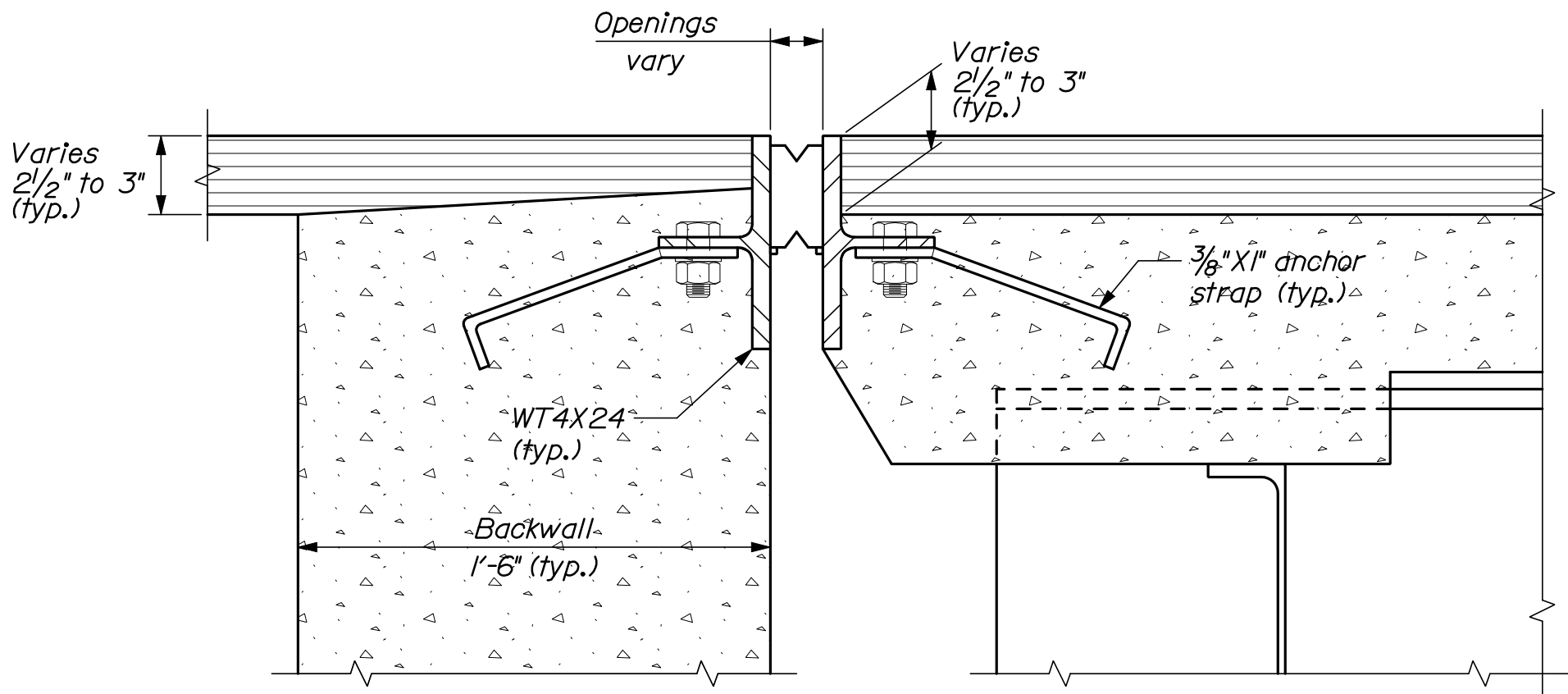
INTERSTATE 295 NORTHBOUND S.PORTLAND TO PORTLAND CUMBERLAND COUNTY										STATE OF MAINE DEPARTMENT OF TRANSPORTATION									
JOINT MODIFICATION DETAILS I										PROJ. MANAGER		DCE		BY		DATE			
										DESIGN-DETAILED		RWH		MPC		12.V1			
										CHECKED-REVIEWED		DGE		TRC		12.V1			
										DESIGN2-DETAILED2		DGE							
										DESIGN3-DETAILED3									
										REVISIONS 1						P.E. NUMBER			
										REVISIONS 2									
										REVISIONS 3									
										REVISIONS 4						DATE			
										FIELD CHANGES									
																BRIDGE NO. Varies			
																PIN			
																17929.10			
																BRIDGE PLANS			

Date:12/21/2011

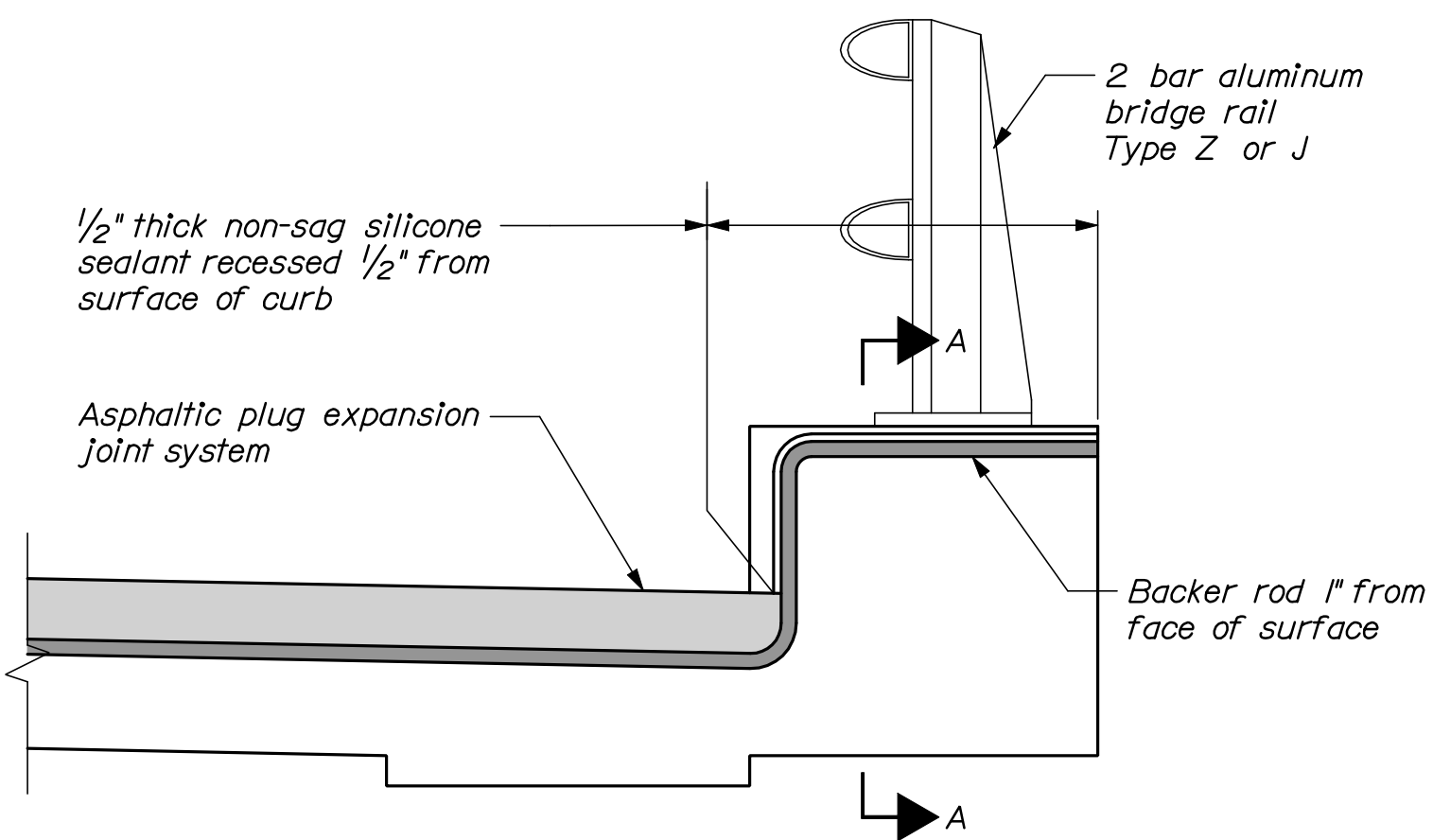
Username: bhavu

Division: BRIDGE

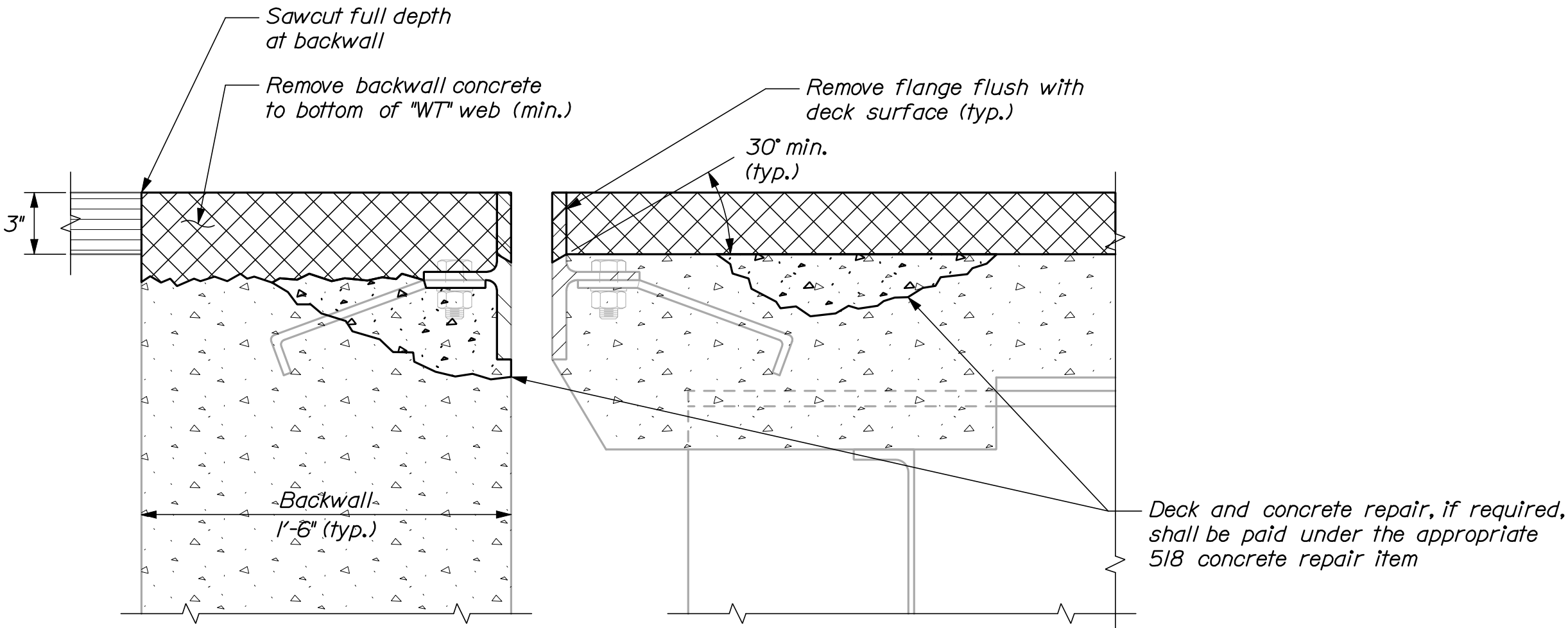
Filename: 019\_JointDetails2.dgn



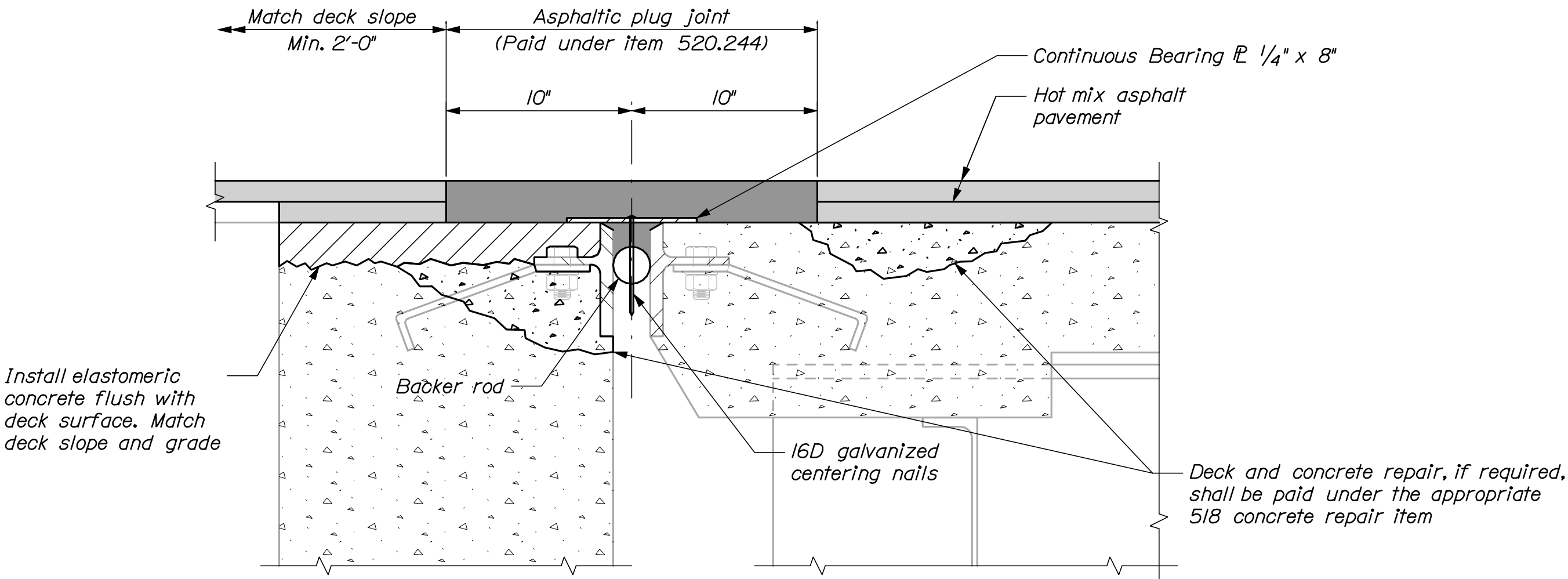
EXISTING COMPRESSION SEAL JOINT



JOINT TREATMENT AT BRIDGE CURB



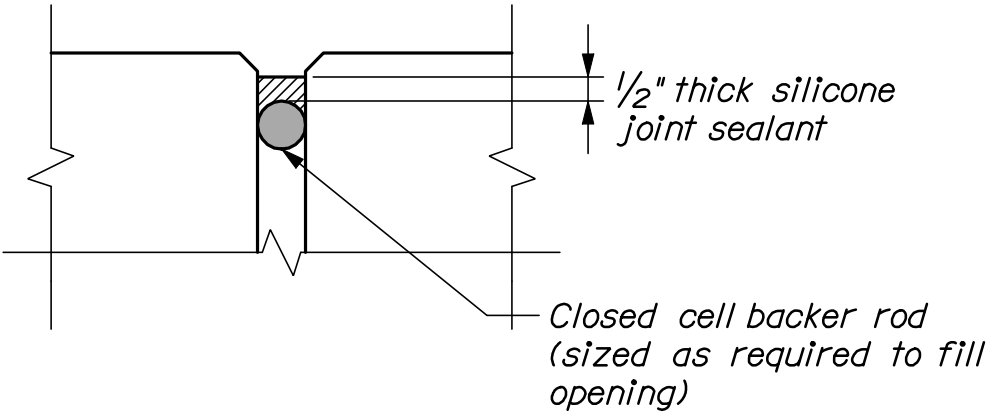
DEMOLITION



JOINT MODIFICATION TYPE 4

Limits of joint modification:  
Asphaltic plug joint, elastomeric concrete and joint armor  
modification - full deck width to face of raised curbs;  
Elastomeric sealant with backer rod and preparation of existing  
curb joint armor and structural concrete - full width of raised curbs.

Note:  
Total new pavement thickness to  
match existing pavement thickness.



SECTION A-A

LEGEND

Approximate limit of concrete and  
reinforcing steel removal

NOTES:

- Deck and backwall reinforcing not shown for clarity.
- 16D galvanized centering nails shall be spaced at 12" o.c. maximum and placed 2" from joints in the bearing plate.
- The bearing plate shall be galvanized steel 1/4" thick and 8" wide.
- Asphaltic plug joint materials shall meet the requirements of the project specifications and shall be installed per manufacturer's specifications.
- Asphaltic plug joints shall be installed after the second lift of pavement is installed.
- 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 installed according to the manufacturer's recommendations.
- Both backwall and deck flange steel to be cut at same elevation.

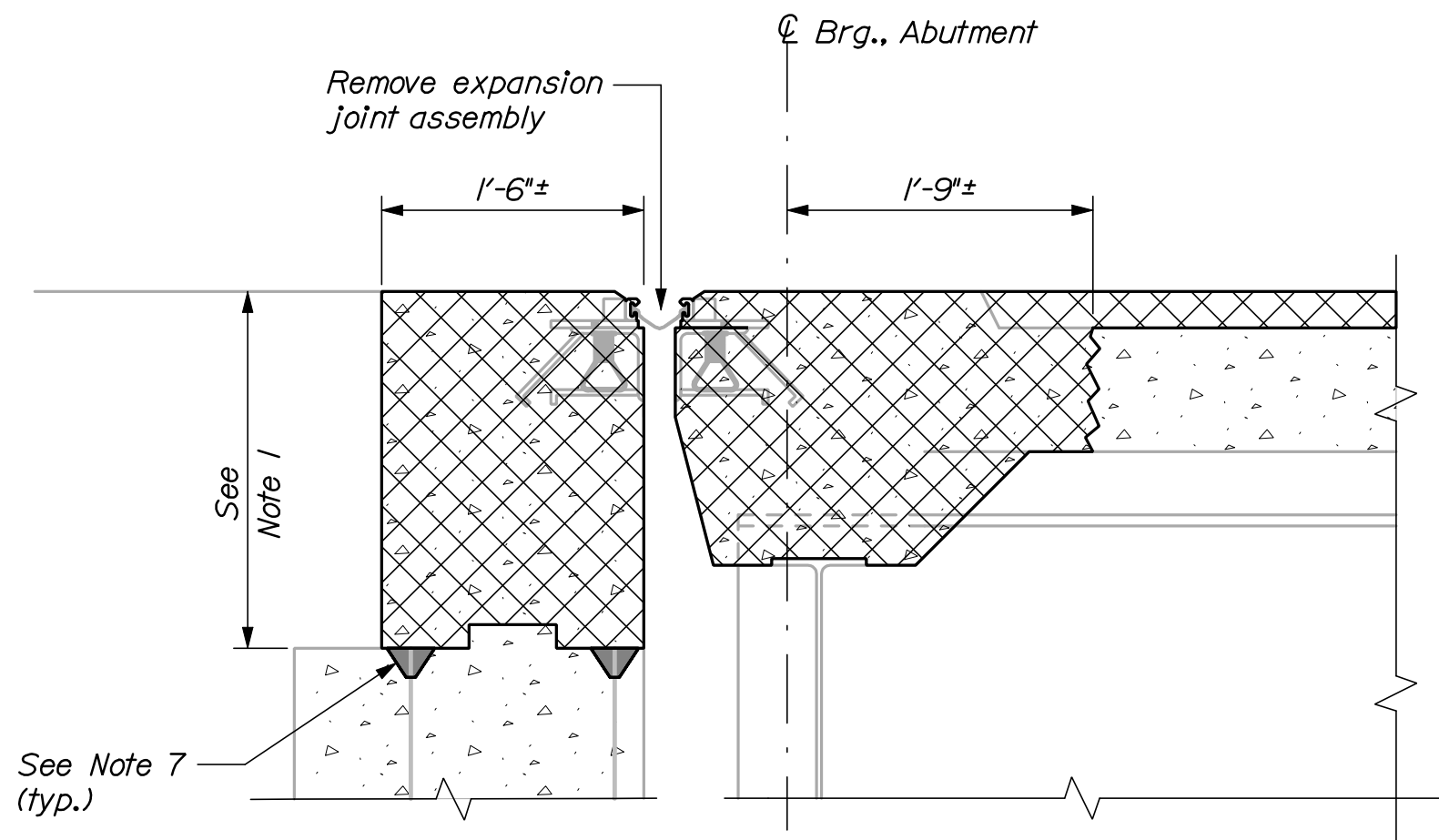
STATE OF MAINE DEPARTMENT OF TRANSPORTATION  IM-1792(910)E	BRIDGE PLANS	
	PIN	1792S.10
	BRIDGE NO. Varies	
INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY		JOINT MODIFICATION DETAILS II
SHEET NUMBER		19
		OF 111
PROJ. MANAGER	DATE	BY
DESIGN-DETAILED	12/11	DOE
CHECKED-REVIEWED	12/11	MPC
DESIGN-DETAILED		TFC
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		
SIGNATURE		
P.E. NUMBER		
DATE		

Date:1/24/2012

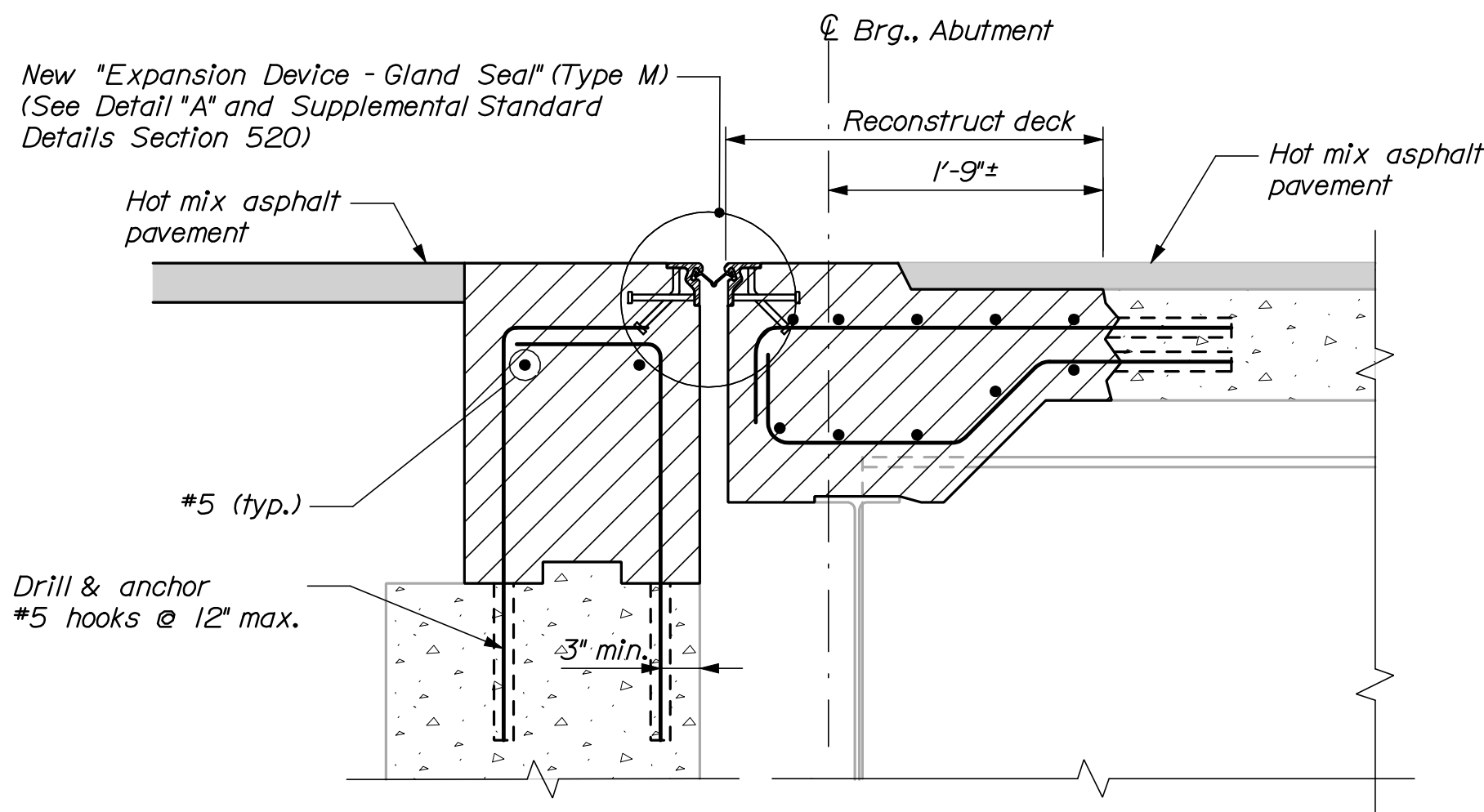
Username: mcurdiff

Division: BRIDGE

Filename: 020\_JointDetails3.dgn



DEMOLITION



CONSTRUCTION

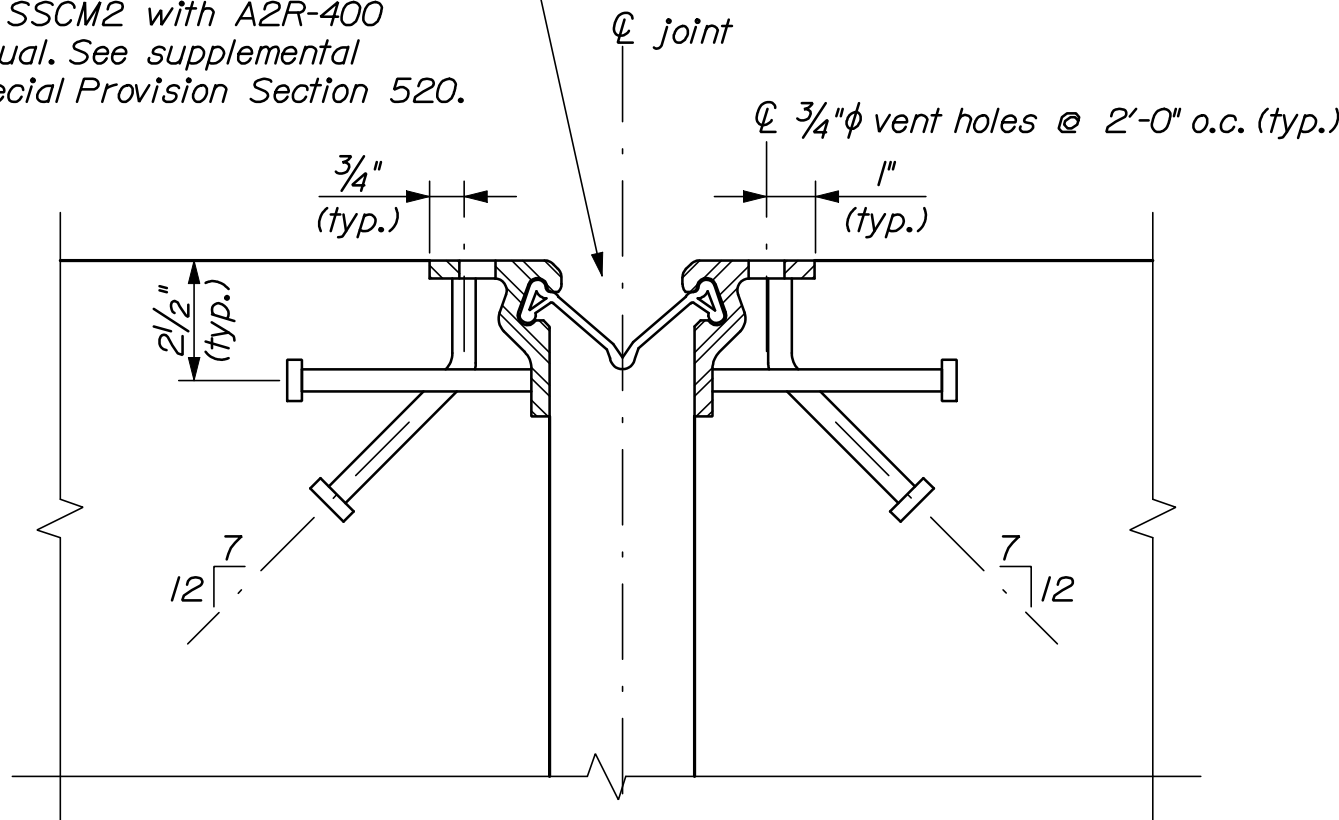
**JOINT MODIFICATION TYPE 5**

(See also "Reconstructed Curb & Overhang Detail")

1" = 1'-0"

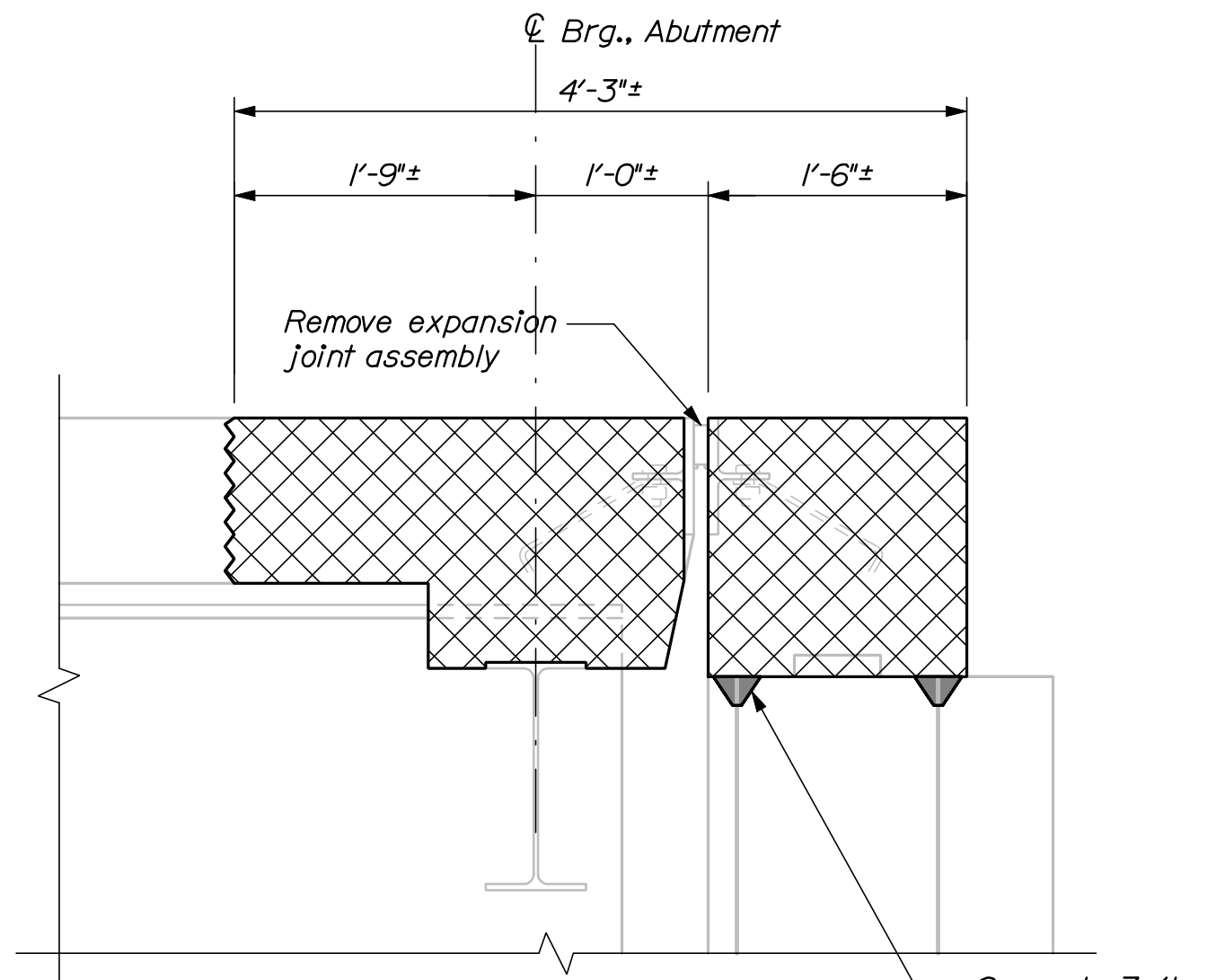
Limits of joint modification:  
Gland seal, gland seal extrusions and steel angles - full deck width and partially through raised curbs per Supplemental Standard Details;  
Structural concrete - full deck width, out to out.

Watson Bowman Acme Corp. WABO Stripseal Bridge - Type M with SE-400 Seal, or modified DS Brown SSCM2 with A2R-400 Seal, or approved equal. See supplemental details following Special Provision Section 520.

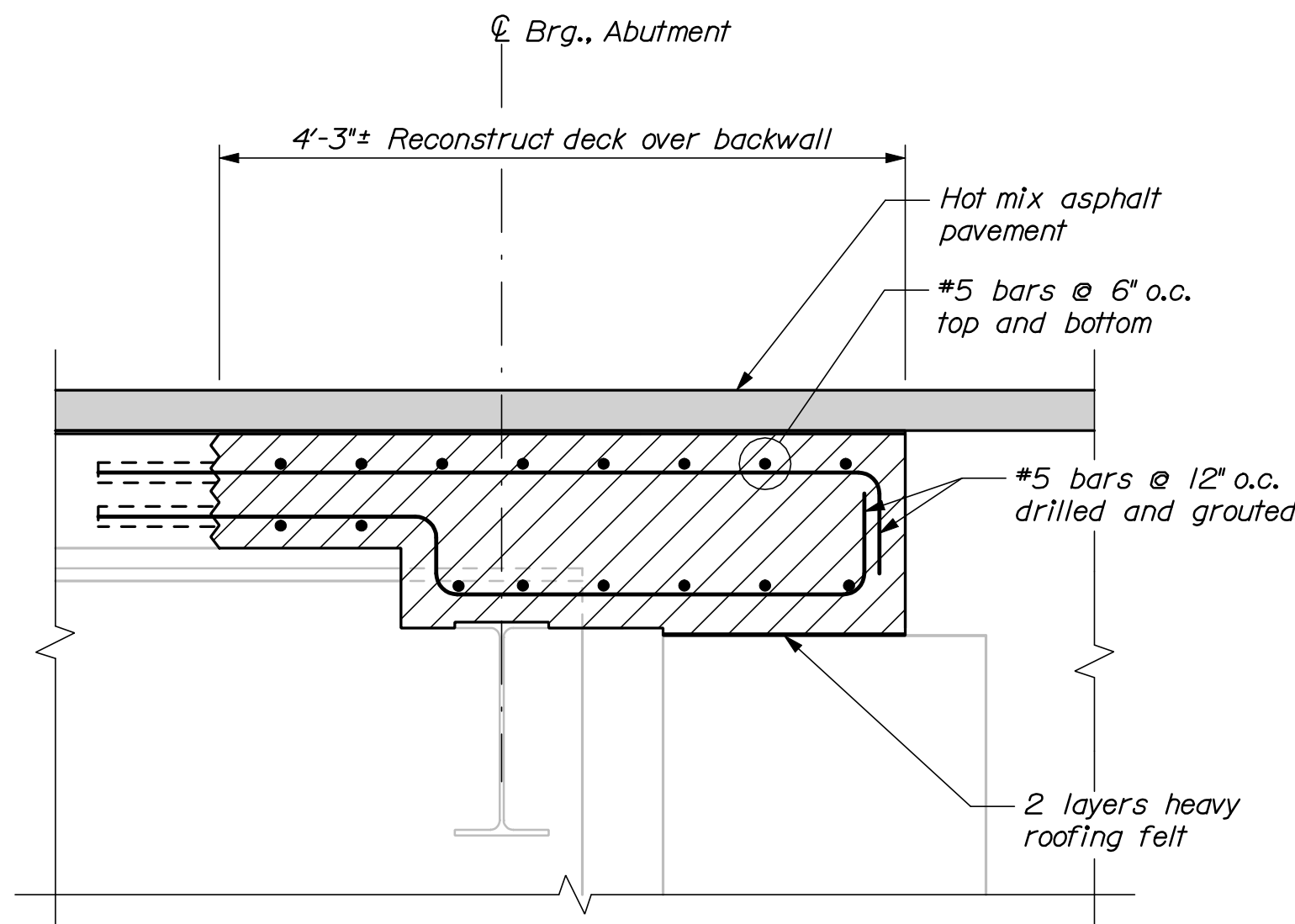


DETAIL A

3" = 1'-0"



DEMOLITION



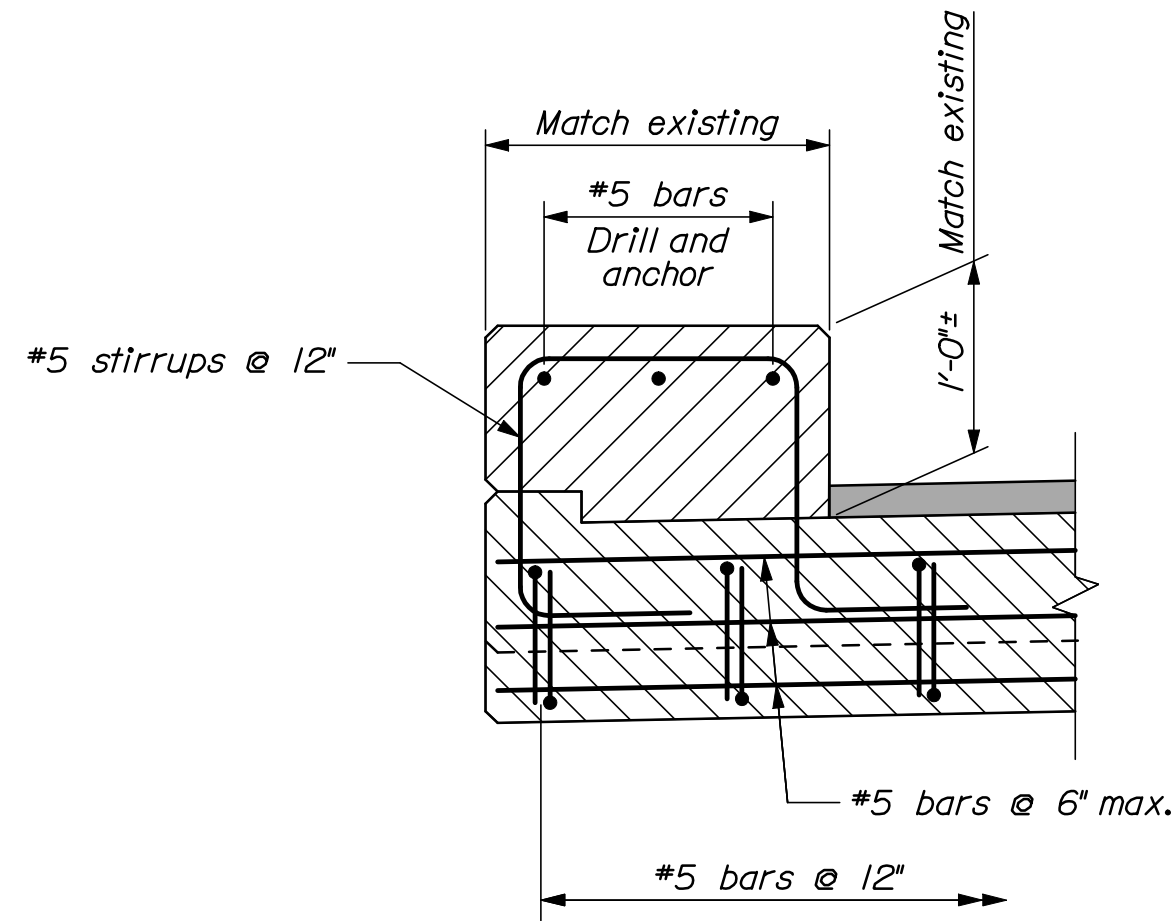
CONSTRUCTION

**JOINT MODIFICATION TYPE 6**

(See also "Reconstructed Curb & Overhang Detail")

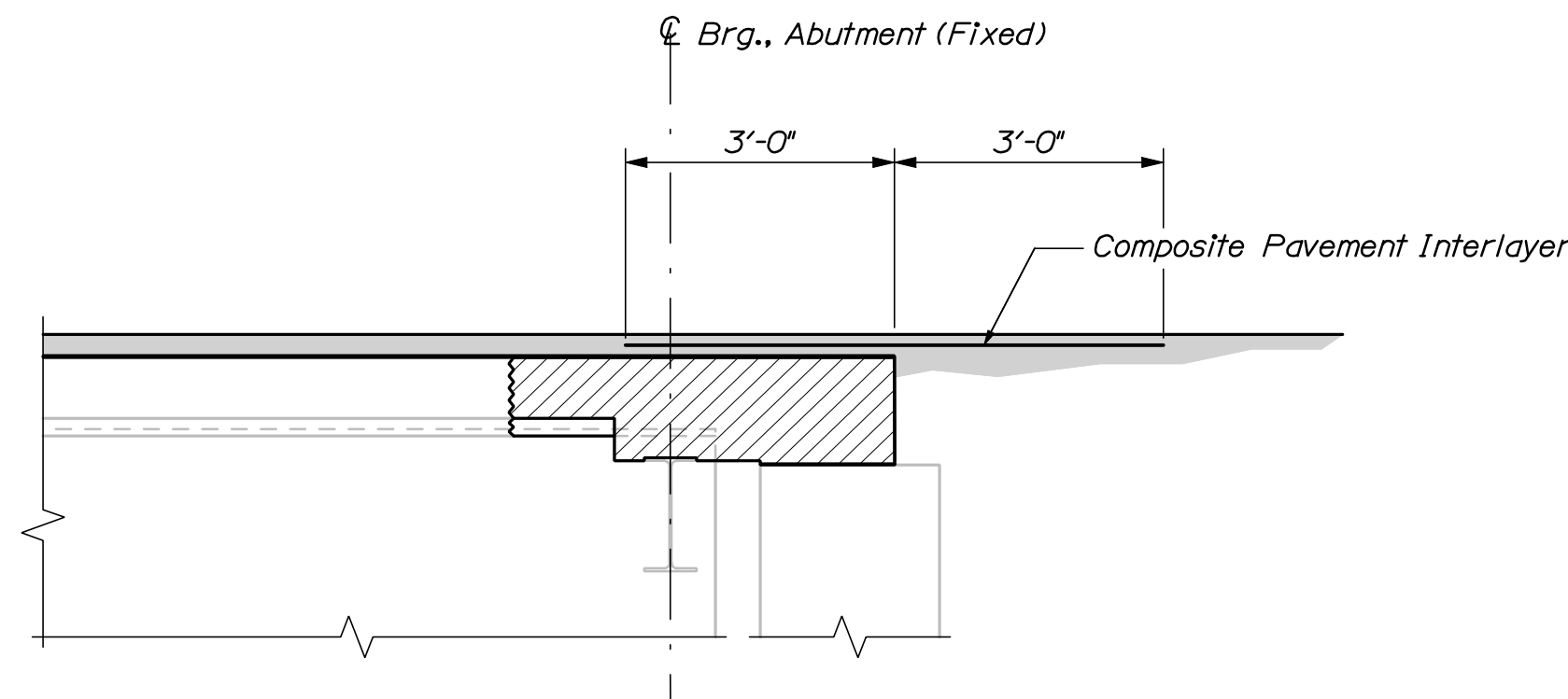
1" = 1'-0"

Limits of joint modification:  
Structural concrete - full deck width, out to out.



RECONSTRUCTED CURB & OVERHANG DETAIL

1" = 1'-0"



COMPOSITE PAVEMENT INTERLAYER

Typical at all existing or reconstructed slab-over-backwall locations

**LEGEND**

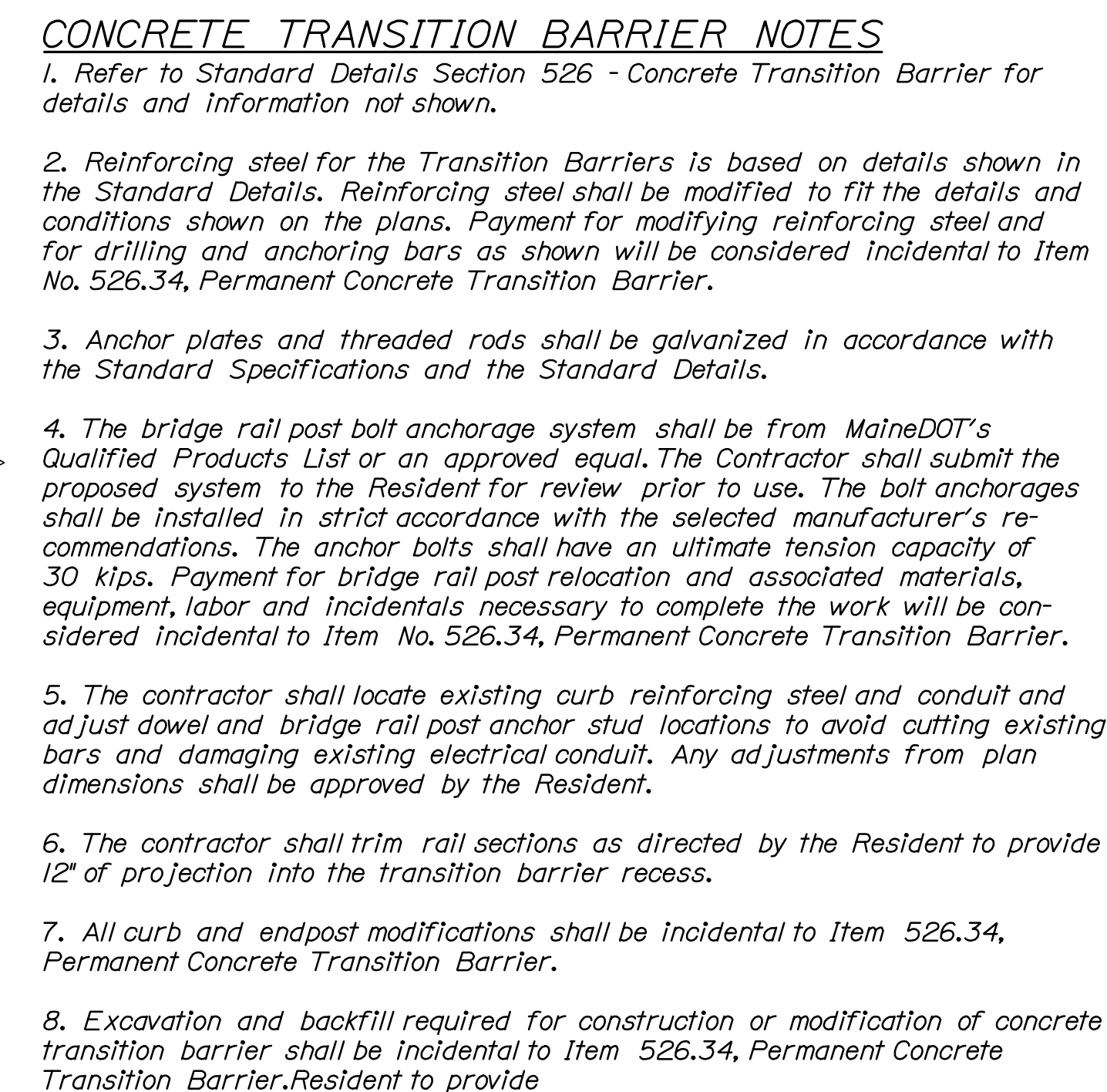
Approximate limit of concrete and reinforcing steel removal

**NOTES**

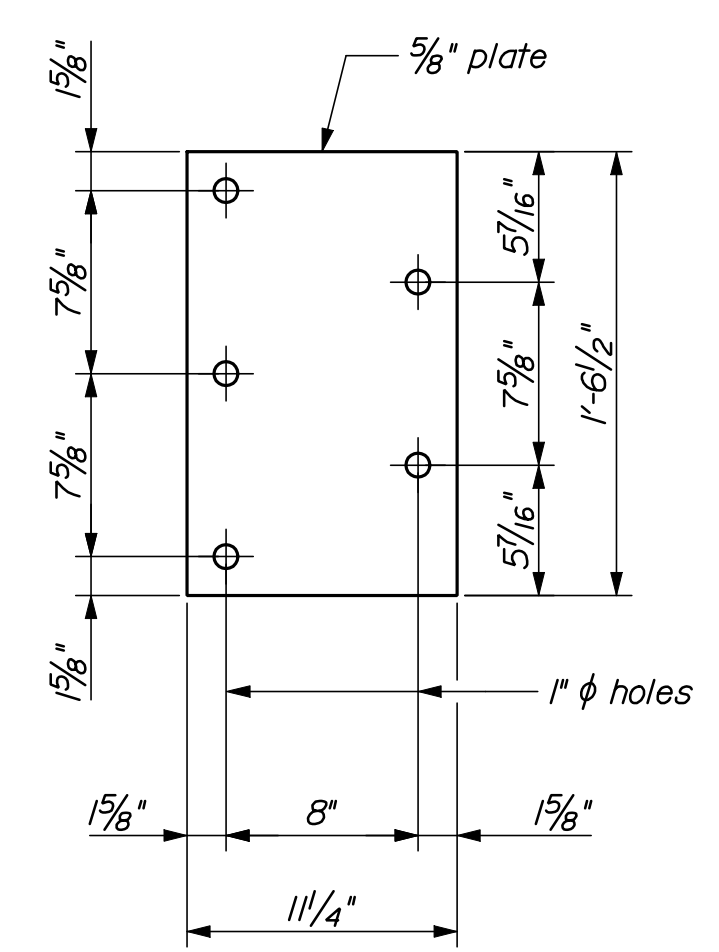
1. Minimum depth of backwall reconstruction shall be to backwall construction joint or solid concrete, whichever is greater.
2. Refer to Standard Details Section 520 and Supplemental Standard Details Section 520 for details and information not shown.
3. All concrete surfaces where elastomeric concrete is to be applied shall have a 1/4-in. minimum anchor profile or roughened surface.
4. Elastomeric concrete shall be applied according to the manufacturer's recommendations.
5. All new steel supplied for the bridge joint modification shall be galvanized.
6. The Contractor shall be fully responsible for selecting the appropriate seal based on the movement rating from the approved products list.
7. After demolition, 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 new concrete. The patching mortar shall be selected from Maine DOT's qualified products list.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION						IM-1792(910)E	BRIDGE NO. Varies	PIN 17929.10	BRIDGE PLANS
	SIGNATURE								
	P.E. NUMBER								
	DATE								





Technical drawing of a wall and foundation cross-section. The wall is 2'-3 1/4" high and 1'-1 1/2" thick. It features a grid of 4 #5 bars (I.E.F.) and 4 SP. @ 3 1/2" = 1'-2" stirrups. The foundation is 7" deep and contains 4 #6 U-bars @ 6" o.c. (max.). A 1" diameter sleeve for a 7/8" threaded rod is shown. The drawing includes section lines A-A, B-B, and C-C, and a note "Drill & anchor #6 U-bars @ 6" o.c. (max.)".



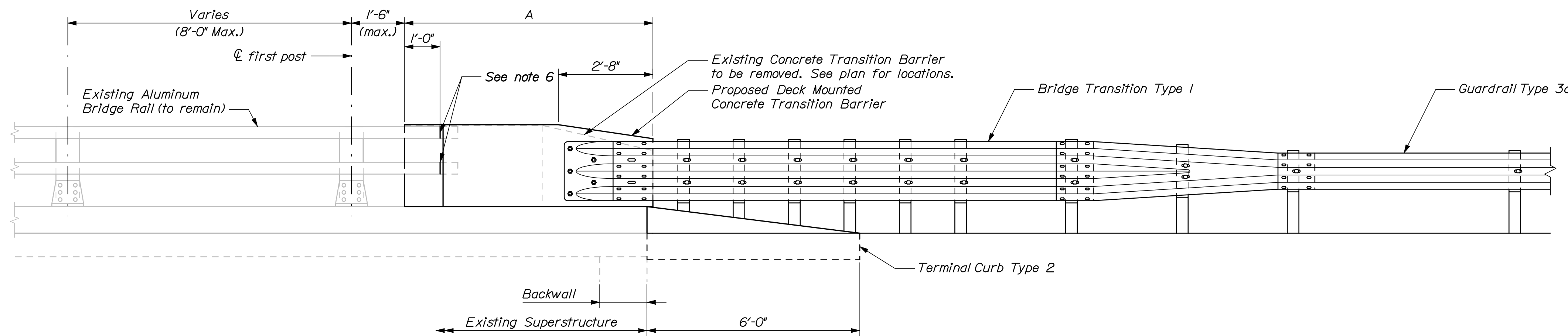
Bridge #	Bridge	Location	A	D	E	F
6281	Fore River	Approach Travel Lane	8'- 1"	1'- 3 1/2"	0'- 10 1/2"	1'- 9 1/2"
6281	Fore River	Departure Travel Lane	8'- 0"	1'- 3 1/2"	0'- 10 1/2"	1'- 9 1/2"
6292	Portland Connector	Approach Travel Lane	7'- 11"	1'- 4"	11"	1'- 11"
6292	Portland Connector	Departure Travel Lane	7'- 4"	1'- 4"	11"	1'- 11"
6294	Congress St. and Park Ave.	Approach Travel Lane	7'- 1"	1'- 3 1/2"	0'- 10 1/2"	1'- 9 1/2"
6294	Congress St. and Park Ave.	Departure Travel Lane	6'- 4"	1'- 3 1/2"	0'- 10 1/2"	1'- 9 1/2"
6297	St. John Street	Departure Travel Lane	7'- 4"	1'- 3 1/2"	0'- 10 1/2"	1'- 9 1/2"
6298	Forest Avenue	Approach Travel Lane	6'- 6"	1'- 4"	11"	1'- 11"
6298	Forest Avenue	Departure Travel Lane	6'- 4"	1'- 4"	11"	1'- 11"
6299	Preble Street	Approach Travel Lane	6'- 4"	1'- 3 1/2"	0'- 10 1/2"	1'- 9 1/2"
6299	Preble Street	Departure Travel Lane	6'- 4"	1'- 3 1/2"	0'- 10 1/2"	1'- 9 1/2"
6300	Franklin Arterial	Approach Travel Lane	6'- 7"	1'- 4"	11"	1'- 11"
6300	Franklin Arterial	Departure Travel Lane	6'- 7"	1'- 4"	11"	1'- 11"
5915	Washington Ave. On Ramp	Approach Travel Lane	6'- 10"	1'- 4"	11"	1'- 10"
5915	Washington Ave. On Ramp	Approach Passing Lane	6'- 7"	1'- 4"	11"	1'- 10"
5915	Washington Ave. On Ramp	Departure Travel Lane	6'- 7"	1'- 4"	11"	1'- 10"
5915	Washington Ave. On Ramp	Departure Passing Lane	6'- 11"	1'- 4"	11"	1'- 10"

Technical drawing of a bridge railing cross-section showing reinforcement details. The drawing includes the following components and dimensions:

- Existing post**: Indicated by an arrow pointing to the existing structure on the left.
- #5 stirrups**: Vertical reinforcement bars within the railing section.
- #6 U - bars (Drill & anchor)**: Horizontal reinforcement bars at the top of the railing.
- 7/8"  $\phi$  threaded rods**: Vertical rods passing through the railing section.
- anchor plate**: A plate at the top of the railing section.
- W.P.**: Welded Plate, indicated by an arrow pointing to the right side of the railing.
- Aluminum bridge rail**: Indicated by an arrow pointing to the bottom of the railing section.
- Dimensions**:
  - 1'-1"**: Horizontal distance from the existing post to the start of the railing section.
  - 8"**: Horizontal distance between the two threaded rods.
  - 1'-8"**: Horizontal distance from the second threaded rod to the end of the railing section.
  - A**: Total horizontal length of the railing section.

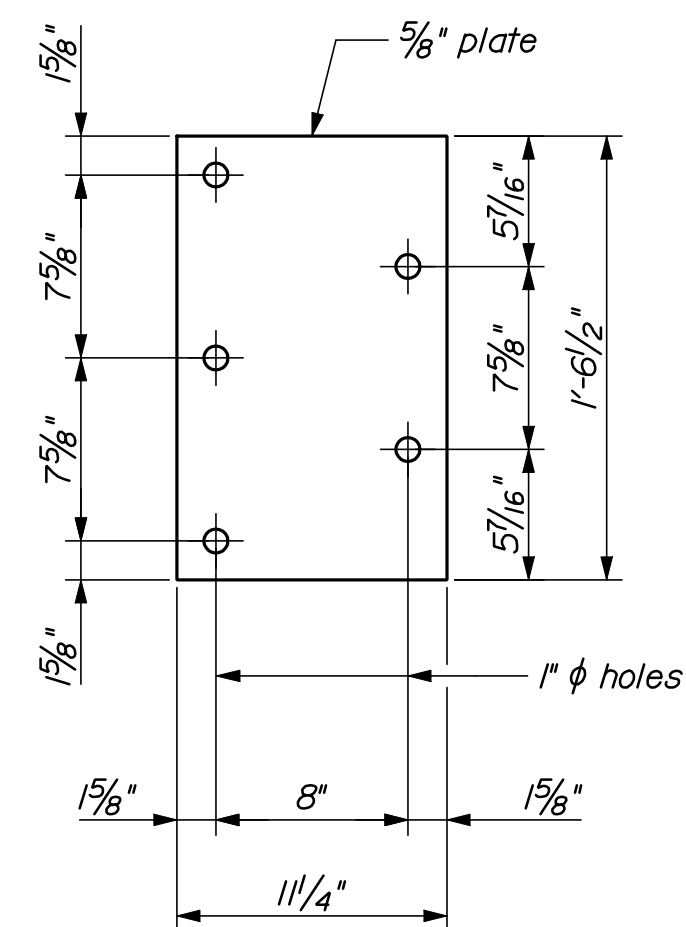
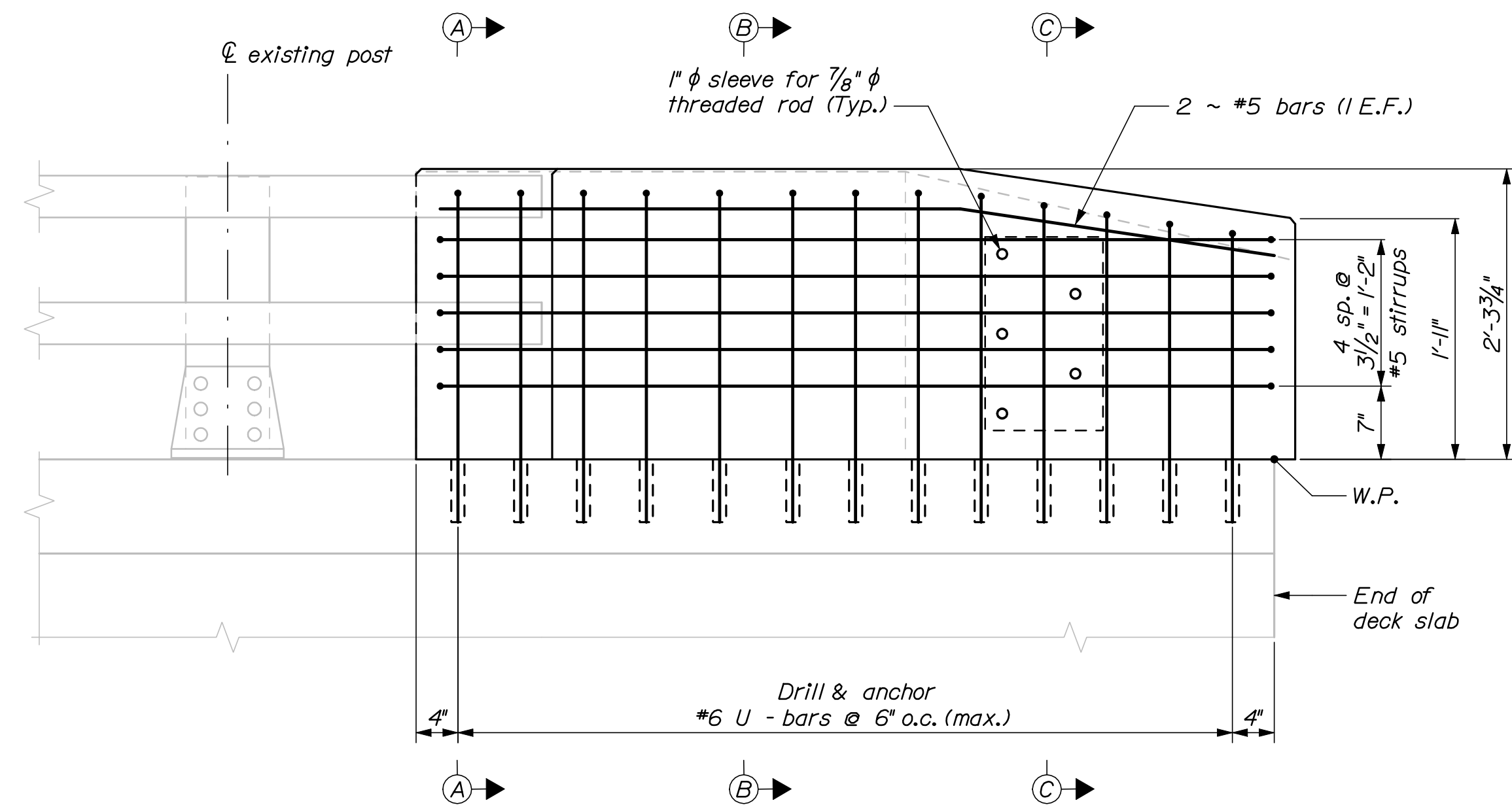
SECTION C-C





CONCRETE TRANSITION BARRIER (TYPE 2)

Roadway elevation shown

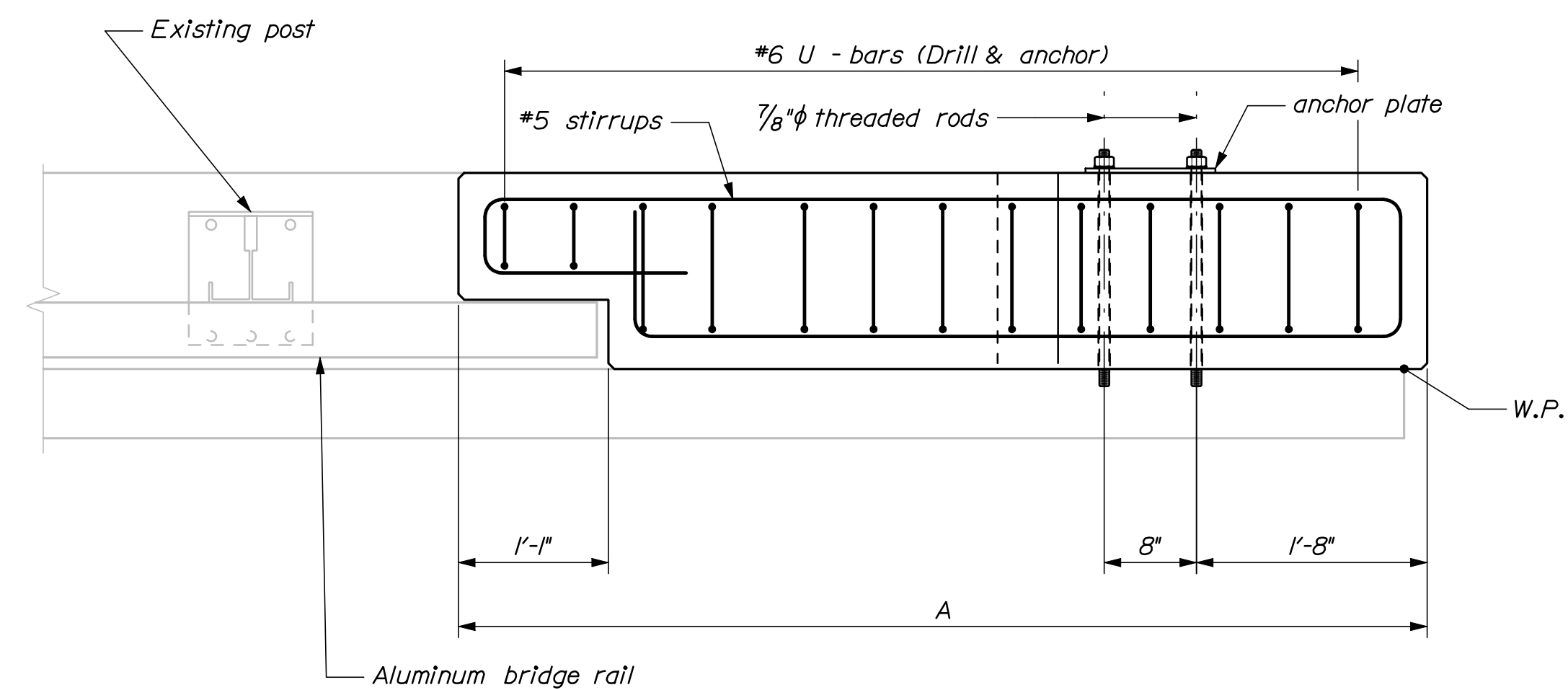


ANCHOR PLATE

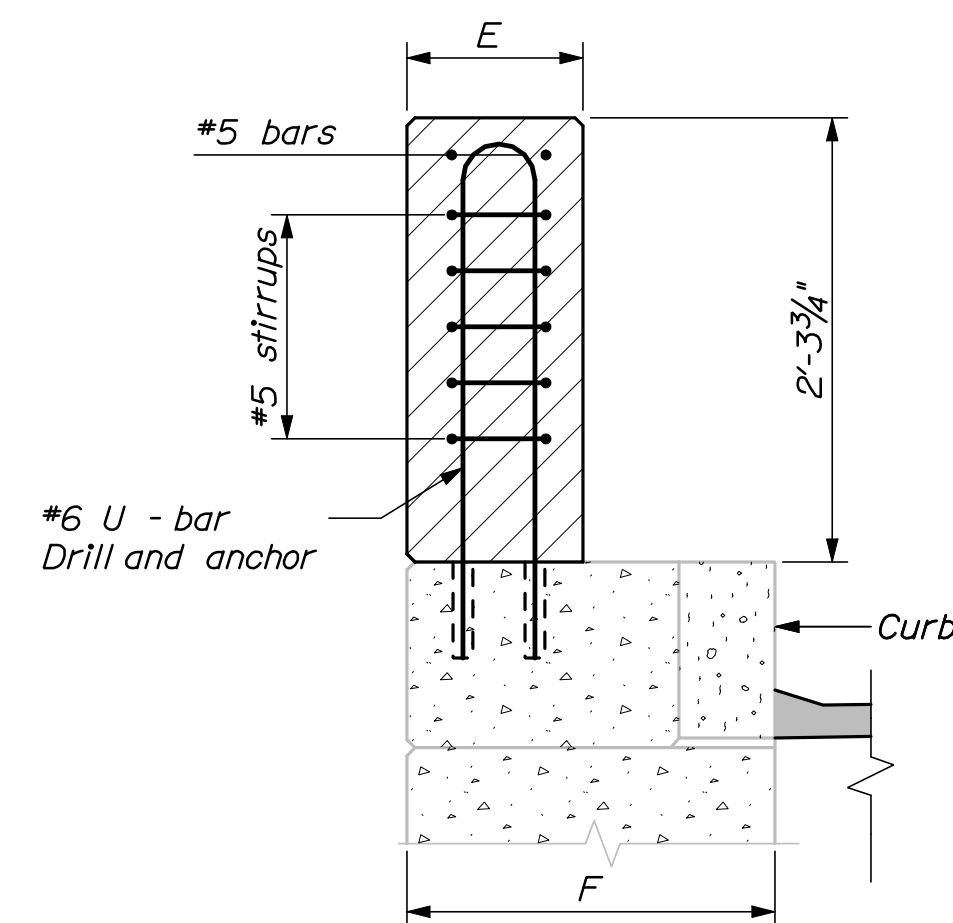
Bridge #	Bridge	Location	A	D	E	F
6292	Portland Connector	Approach Passing Lane	6'- 4"	1'- 4"	11"	1'- 11"
6292	Portland Connector	Departure Passing Lane	6'- 4"	1'- 4"	11"	1'- 11"

### TRANSITION BARRIER ELEVATION

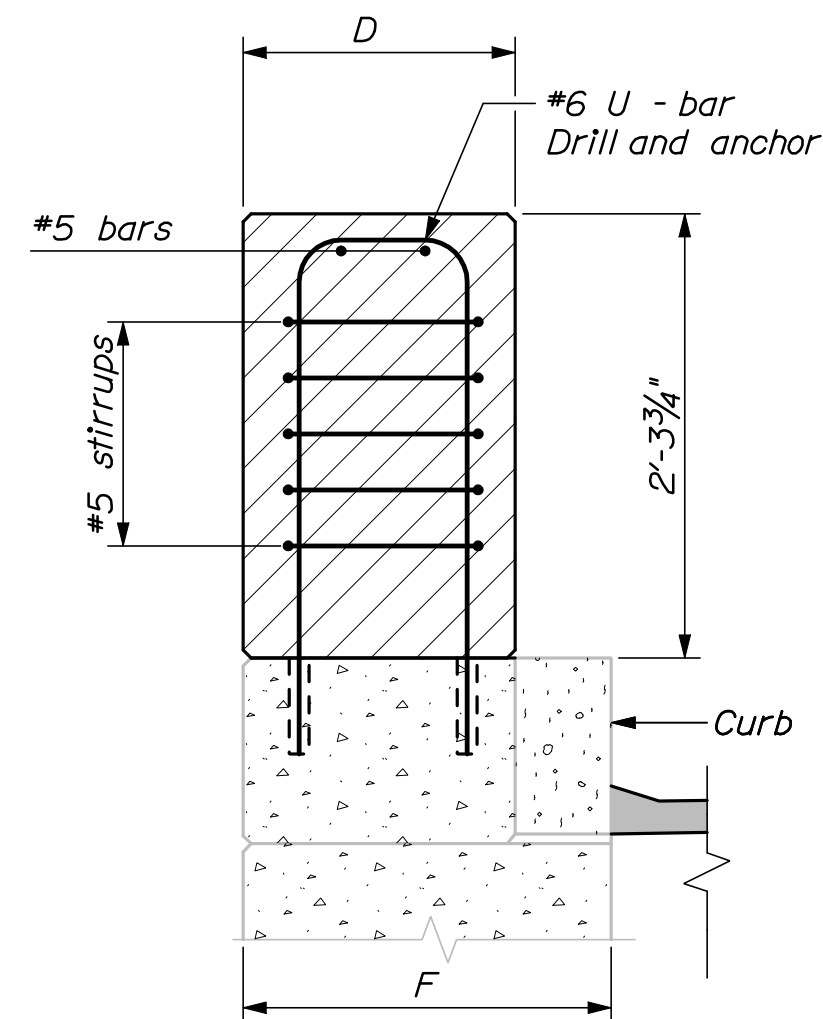
Roadway elevation shown



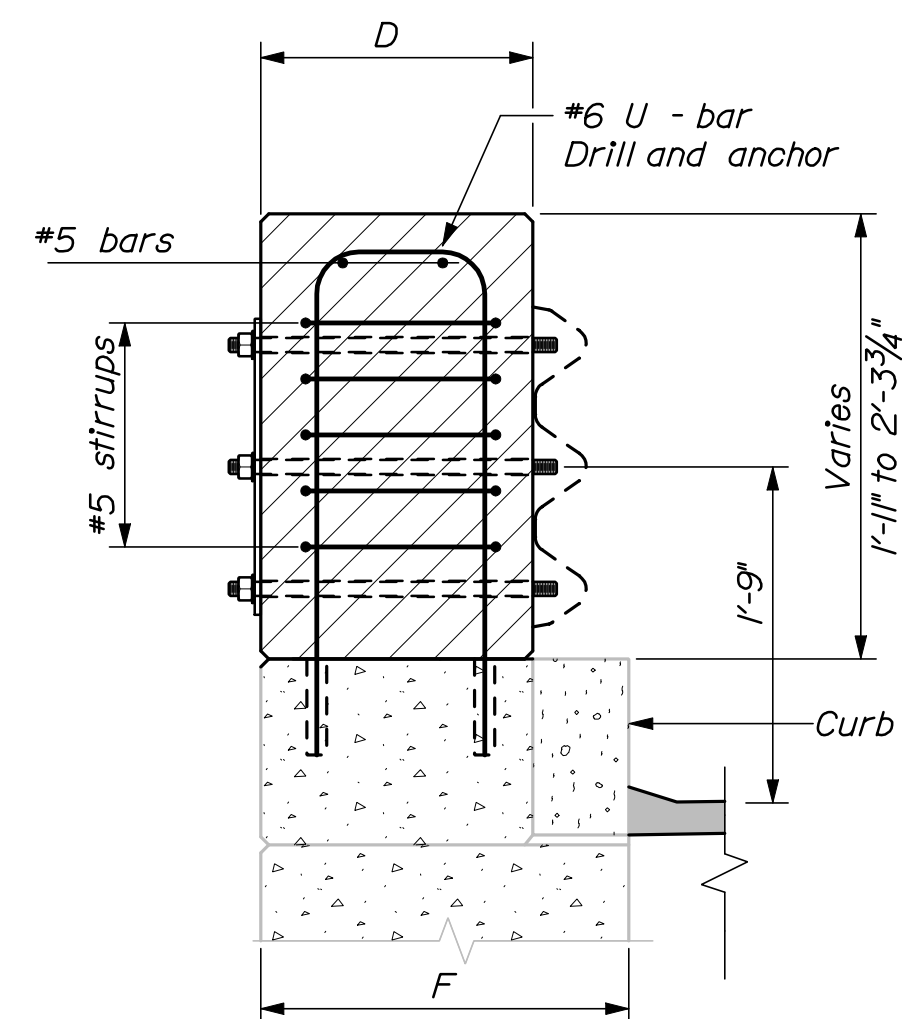
TRANSITION BARRIER PLAN



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 and damaging existing electrical conduit. 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.

7. Excavation and backfill required for construction or modification of concrete transition barrier shall be incidental to Item 526.34, Permanent Concrete Transition Barrier.

8. The existing expansion joint is not shown for clarity. The contractor shall not damage existing armor scheduled for re-use during concrete demolition, and shall recast re-used armor into the new work.

9. The proposed terminal curb type 2 shall be field cut as necessary to match tightly against the skewed end of the existing granite curb on the transition barrier. Payment for this effort will not be made directly, but shall be considered incidental to Item 526.34, Permanent Concrete Transition Barrier.

22 OF 111	SHEET NUMBER	INTERSTATE 295 NORTHBOUND S.PORTLAND TO PORTLAND CUMBERLAND COUNTY										PROJ. MANAGER	DOE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
		CONCRETE TRANSITION BARRIER (TYPE 2)										DESIGN-DETAILED	RWH	MPG	12/11		
												CHECKED-REVIEWED	DOE	TRC	12/11		
												DESIGN2-DETAILED2	-	-	-		SIGNATURE
												DESIGN3-DETAILED3	-	-	-		P.E. NUMBER
												REVISIONS 1	-	-	-		-
												REVISIONS 2	-	-	-		-
REVISIONS 3	-											-	-	-			
REVISIONS 4	-											-	-	-	DATE		
FIELD CHANGES	-											-	-	-	-		
										BRIDGE NO. As Noted	PIN		17929.10	BRIDGE PLANS			





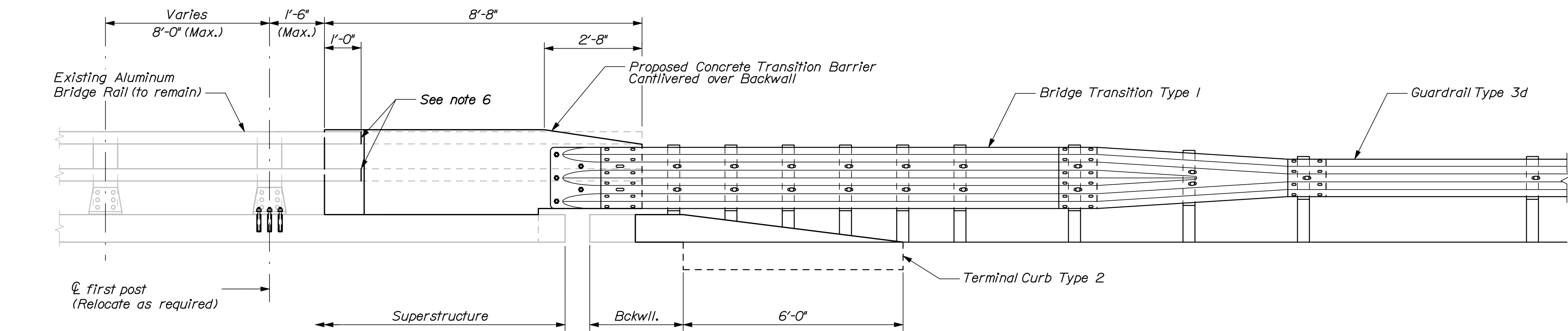
6. The contractor shall trim or install longer rail sections as directed by the resident to provide 12" of projection into the transition barrier recess.



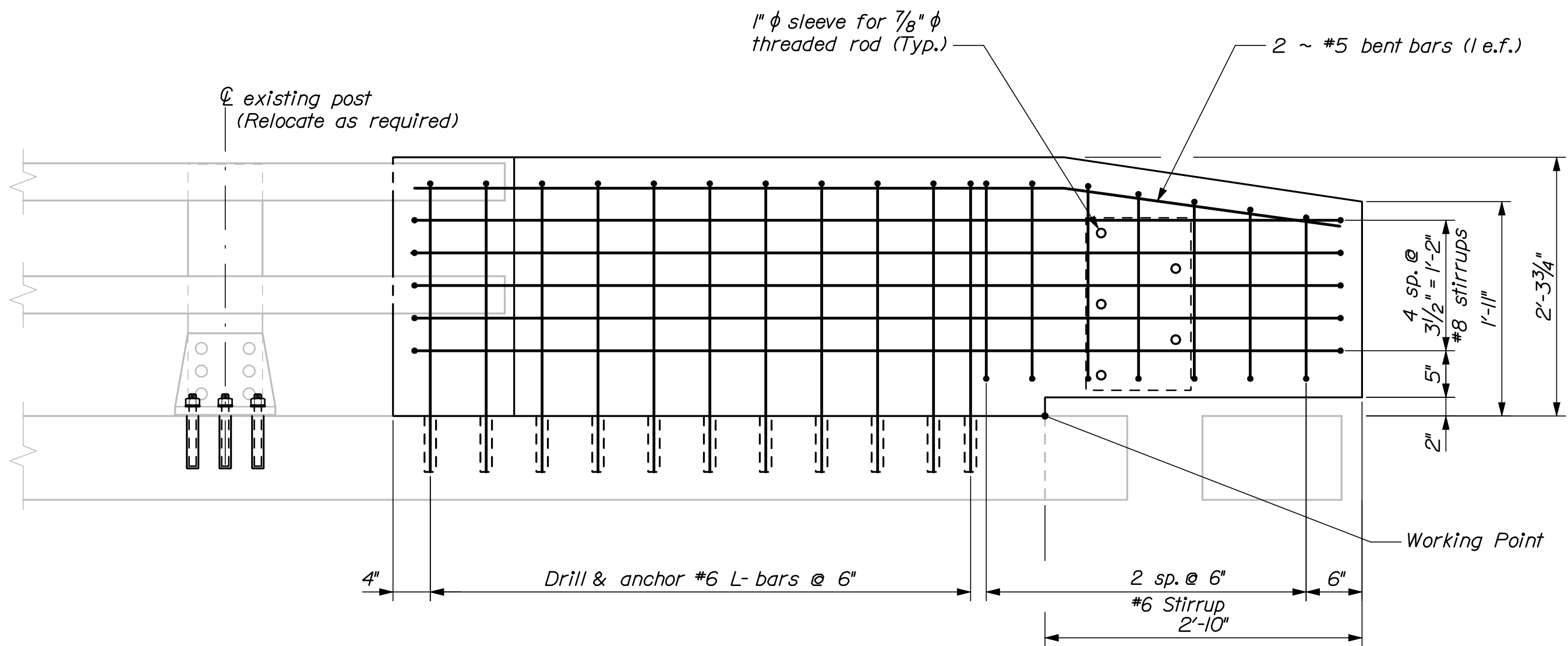
SECTION B-B



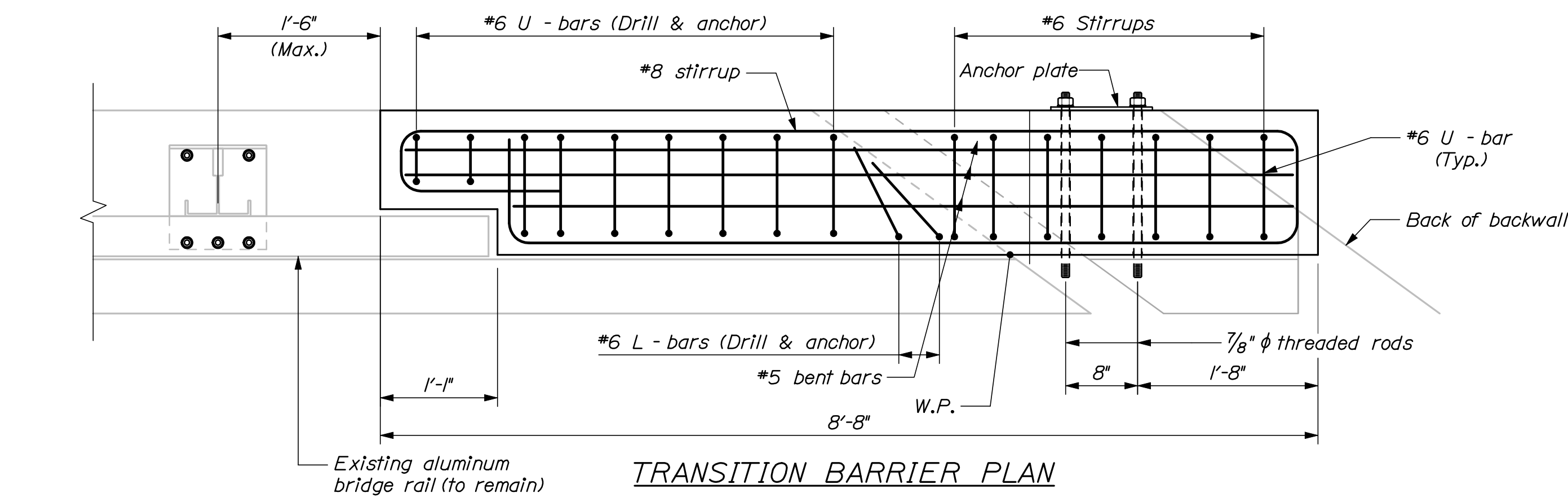




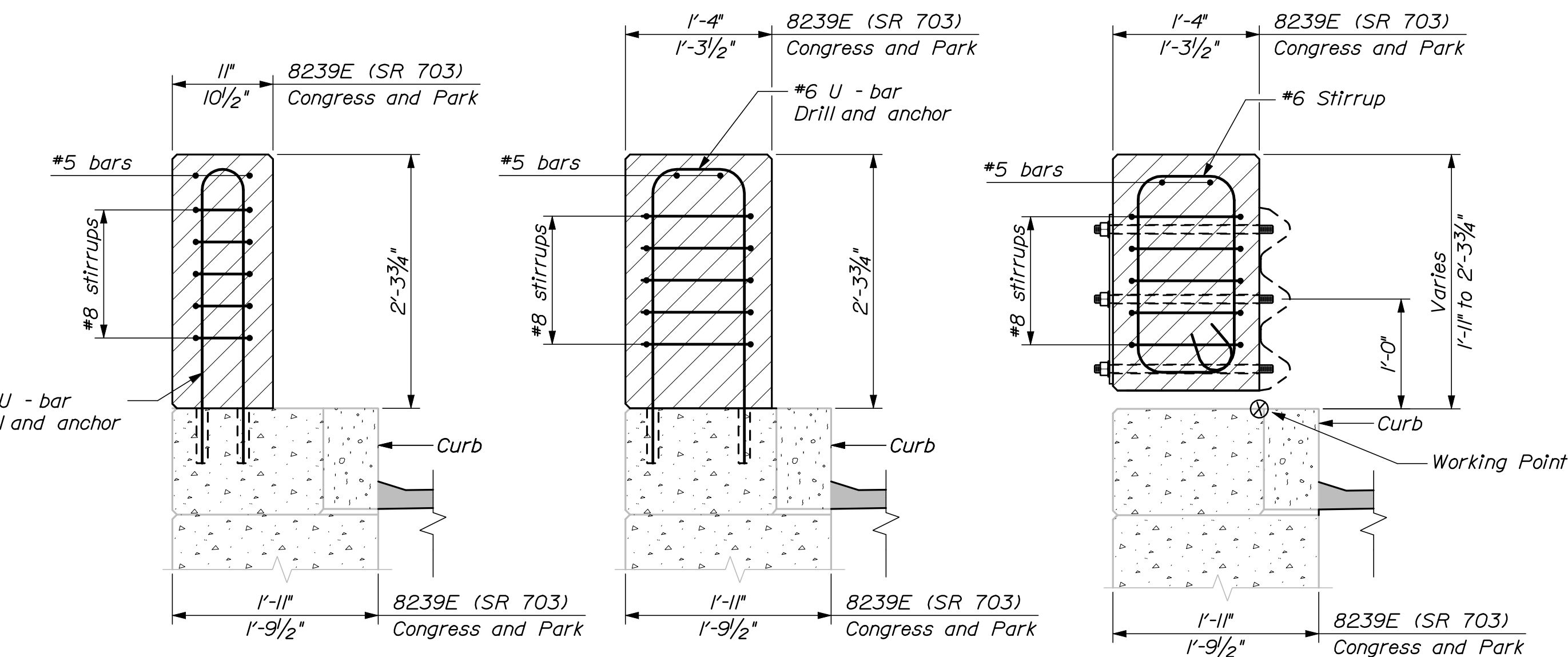
CONCRETE TRANSITION BARRIER (TYPE 3B)  
Roadway elevation shown



TRANSITION BARRIER ELEVATION  
Roadway elevation shown

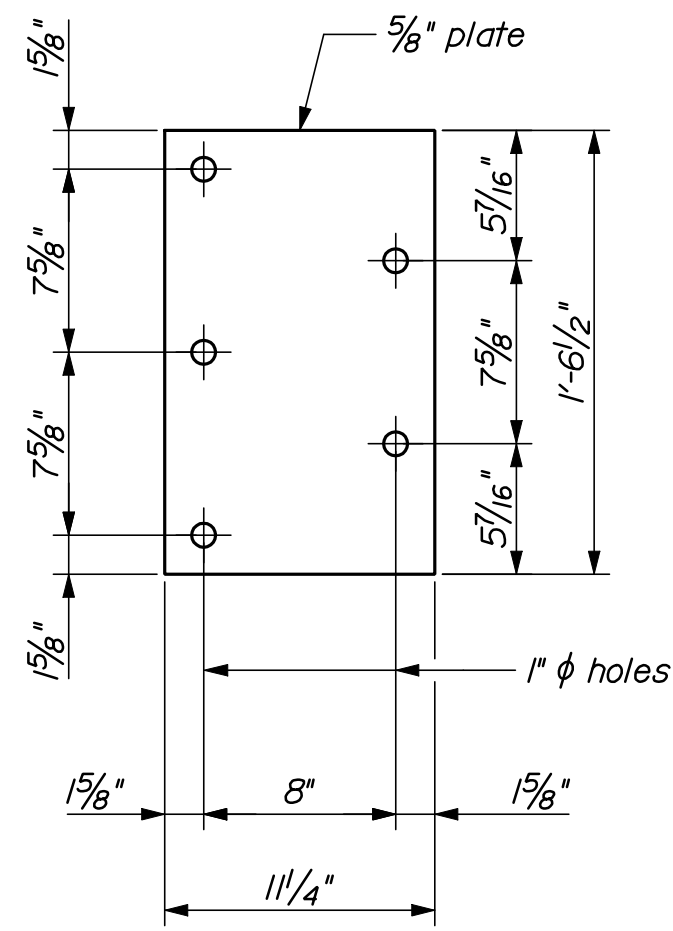


TRANSITION BARRIER PLAN



SECTION THROUGH RECESS      SECTION THROUGH STEM      SECTION THROUGH NOSE

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



ANCHOR PLATE

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 NORTHBOUND  
S. PORTLAND TO PORTLAND  
CUMBERLAND COUNTY  
CONCRETE TRANSITION BARRIER  
(TYPE 3B)

SHEET NUMBER  
24  
OF 111

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	DOE	DATE
DOE	RWH	MPC	12/11	TFC	12/11	
DESIGN-DETAILED						
DESIGN-DETAILED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

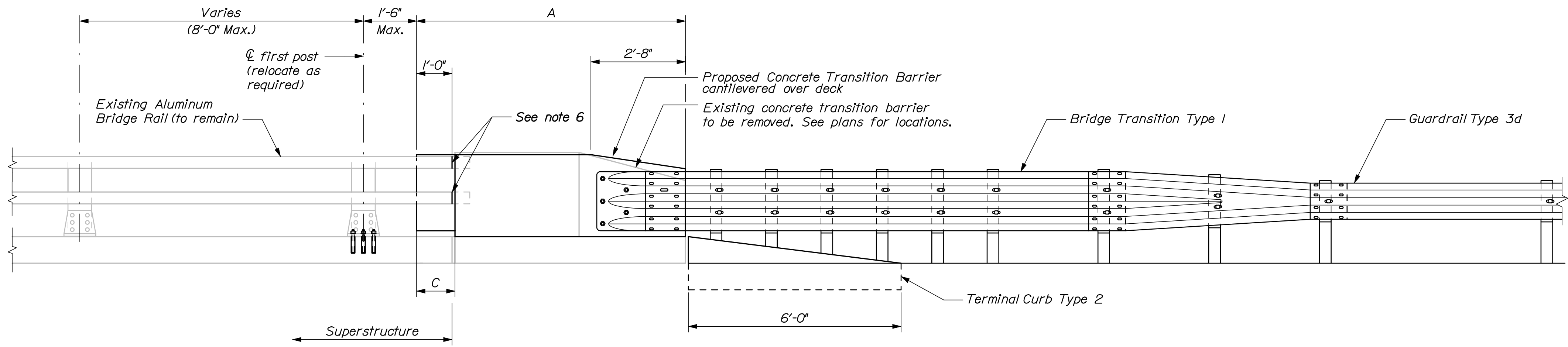
STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
IM-1792(910)E  
BRIDGE NO. As Noted  
PIN 17925.10  
BRIDGE PLANS

Date:12/21/2011

Username: bhavu

Division: BRIDGE

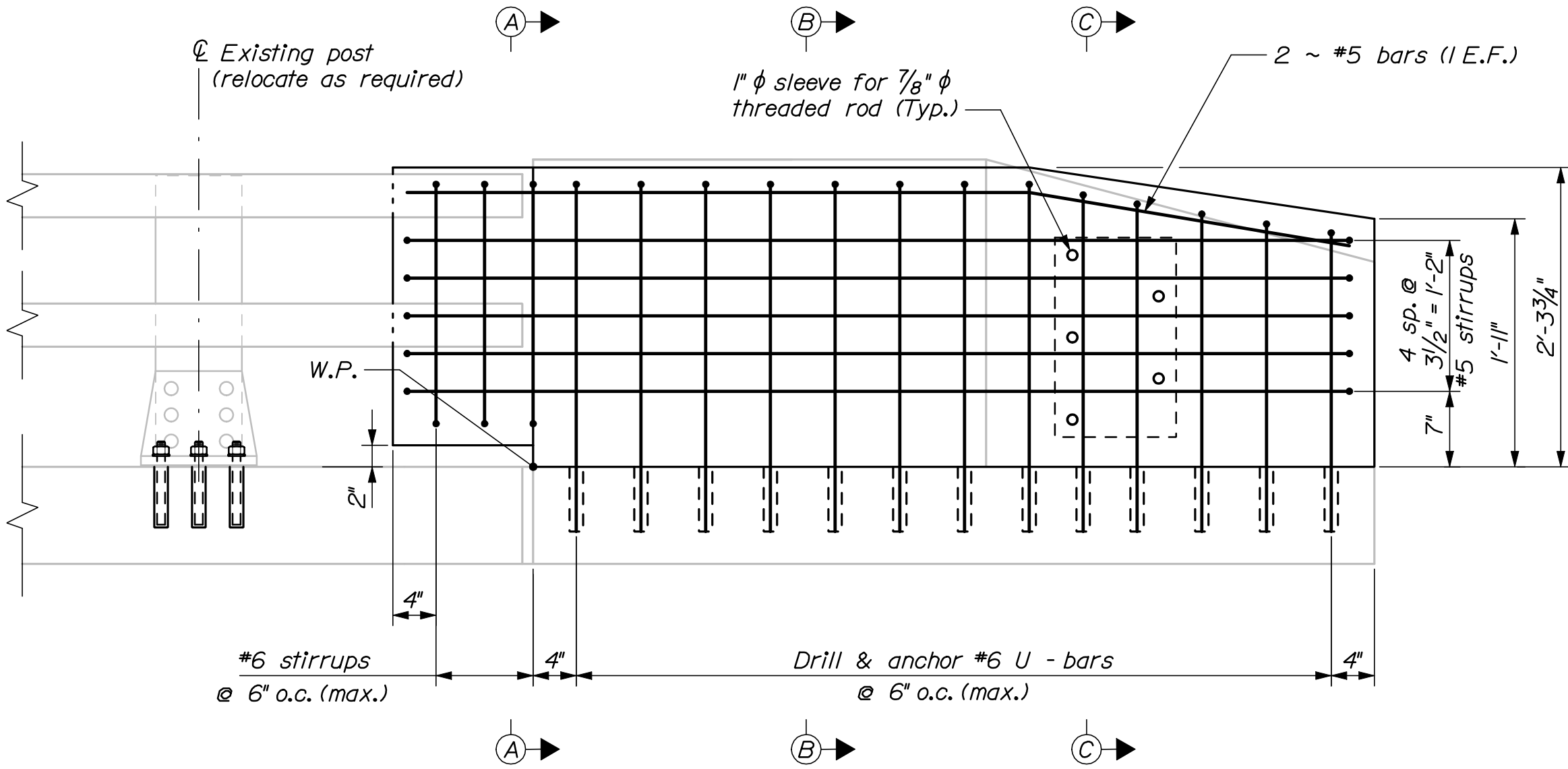
Filename: 025\_TransitionBarrier4.dgn



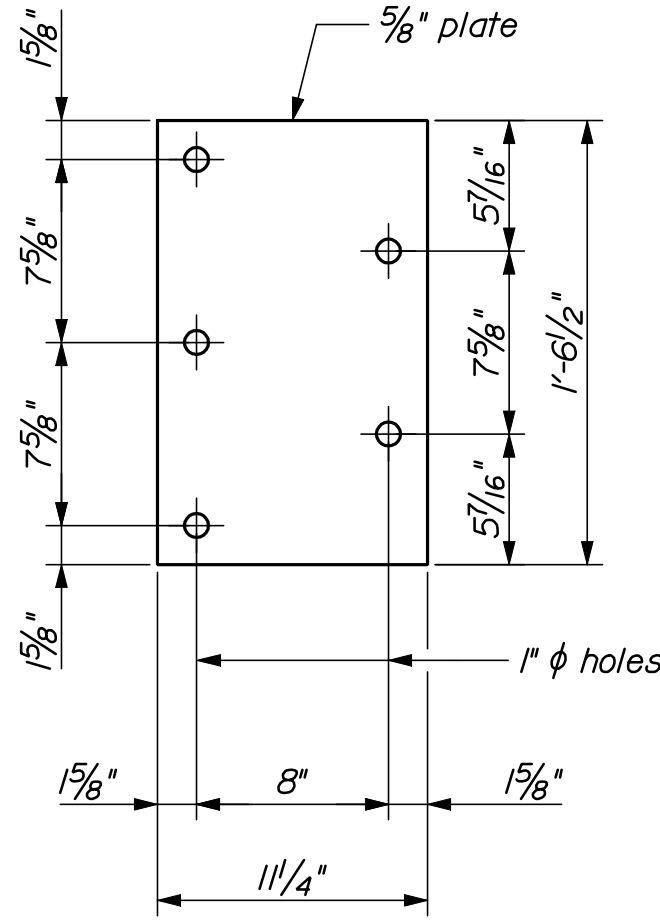
CONCRETE TRANSITION BARRIER (TYPE 4)  
Roadway elevation shown

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.

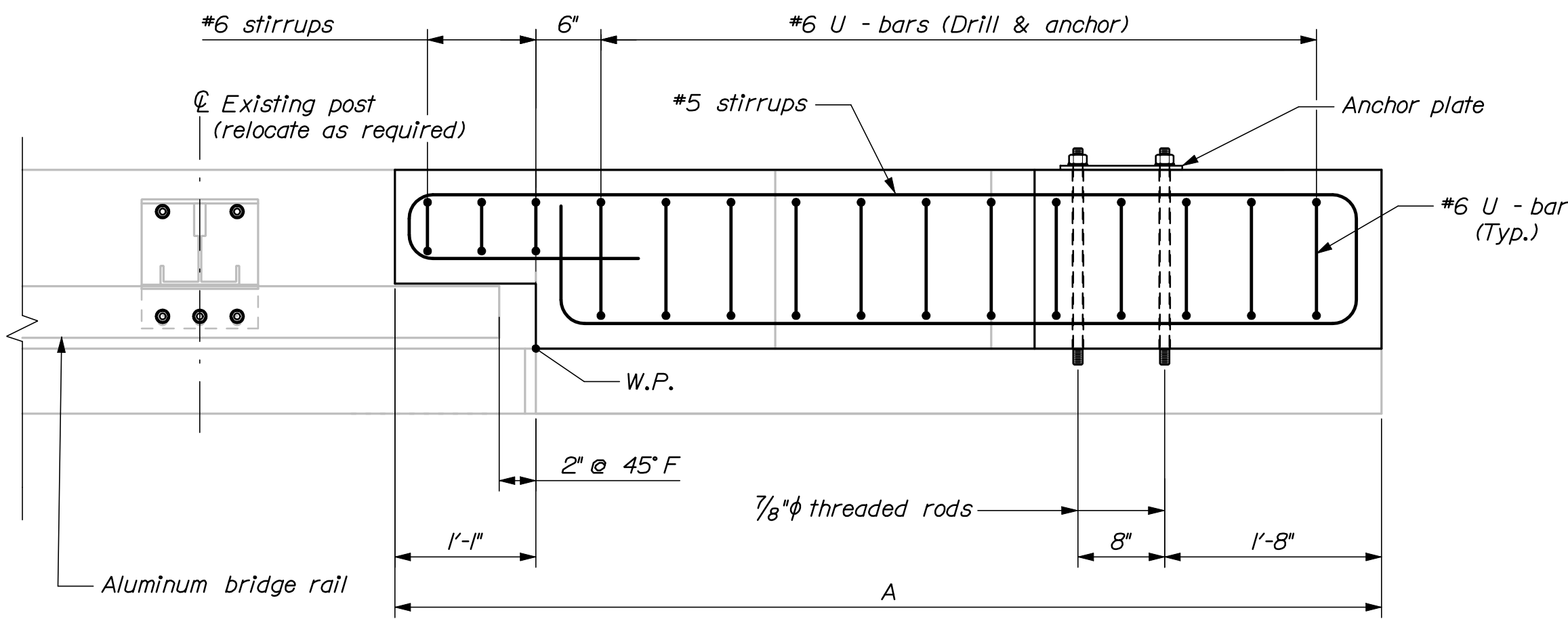


TRANSITION BARRIER ELEVATION  
Roadway elevation shown

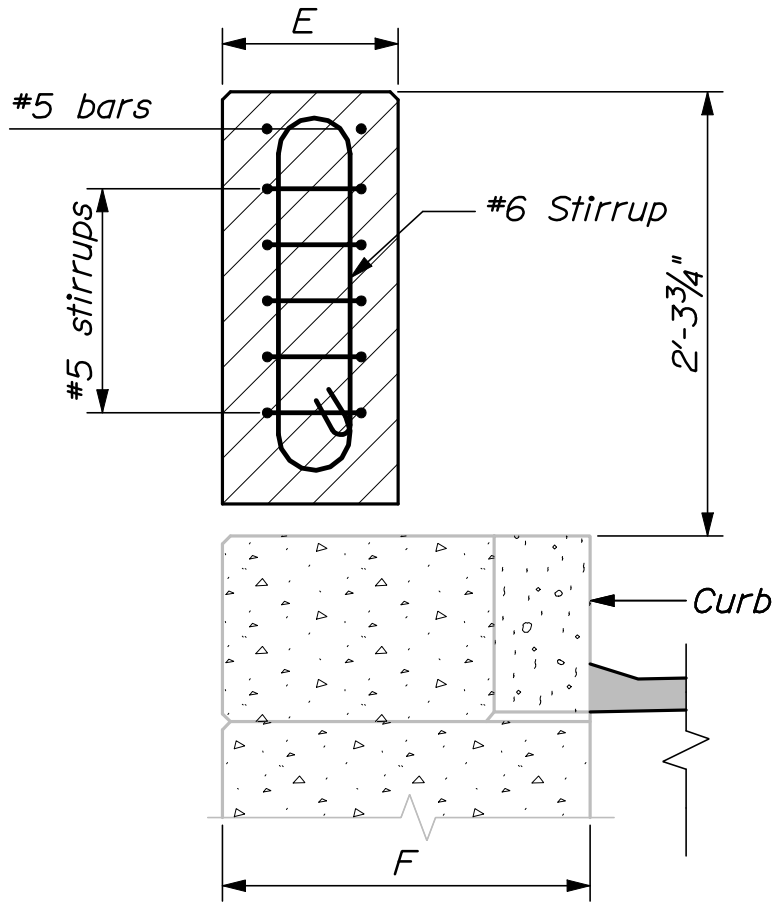


ANCHOR PLATE

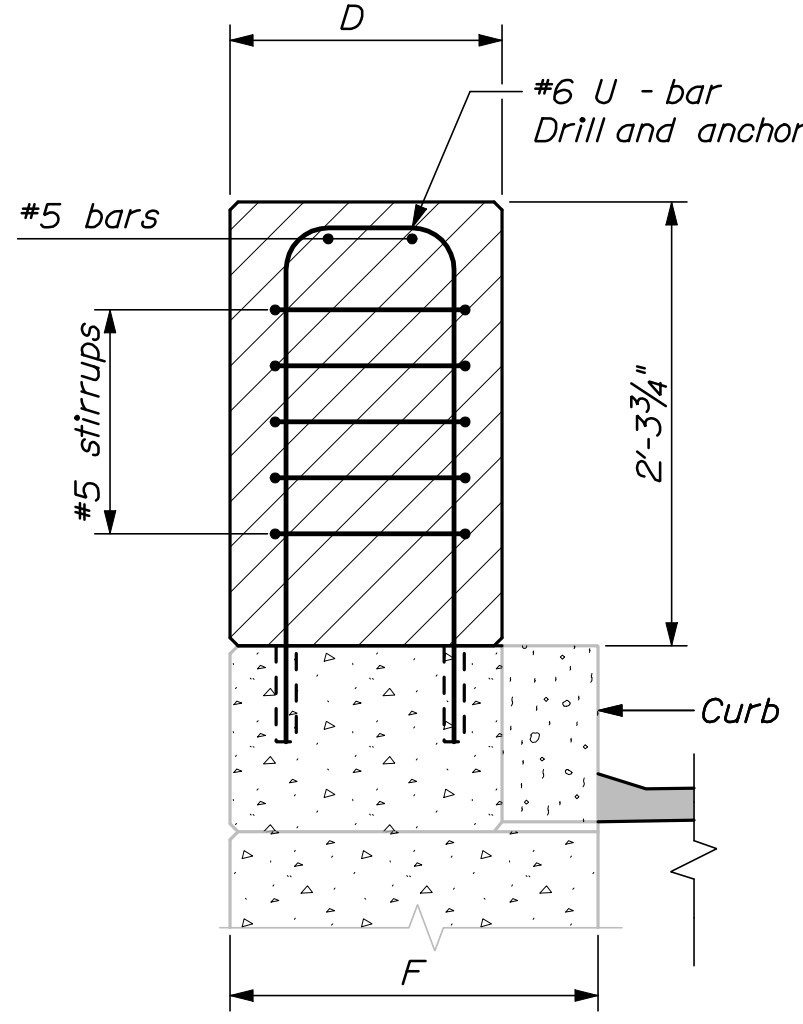
Bridge #	Bridge	Location	A	C	D	E	F
6273	State Route 703	Approach Passing Lane	8'- 1"	6"	1'- 4"	11"	1'- 11"
6249	Westbrook Street	Approach Passing Lane	7'- 0"	1'- 1"	1'- 3 1/2"	9 1/2"	1'- 9 1/2"
6281	Fore River	Approach Passing Lane	6'- 5"	1'- 4"	1'- 3 1/2"	10 1/2"	1'- 9 1/2"
6291	PTRR (Fore)	Approach Travel Lane	8'- 6"	1'- 8"	1'- 3 1/2"	10 1/2"	1'- 9 1/2"
6291	PTRR (Fore)	Approach Passing Lane	6'- 5"	11"	1'- 3 1/2"	10 1/2"	1'- 9 1/2"
6291	PTRR (Fore)	Departure Travel Lane	9'- 0"	1'- 1"	1'- 3 1/2"	10 1/2"	1'- 9 1/2"
6294	Congress Street and Park Avenue	Approach Passing Lane	6'- 5"	1'- 2"	1'- 3 1/2"	10 1/2"	1'- 9 1/2"
6298	Forest Avenue	Approach Passing Lane	7'- 1"	1'- 6"	1'- 4"	11"	1'- 11"
6299	Plebe Street	Approach Passing Lane	6'- 1"	1'- 5"	1'- 3 1/2"	10 1/2"	1'- 9 1/2"
6300	Franklin Arterial	Approach Passing Lane	6'- 4"	1'- 4"	1'- 4"	11"	1'- 11"



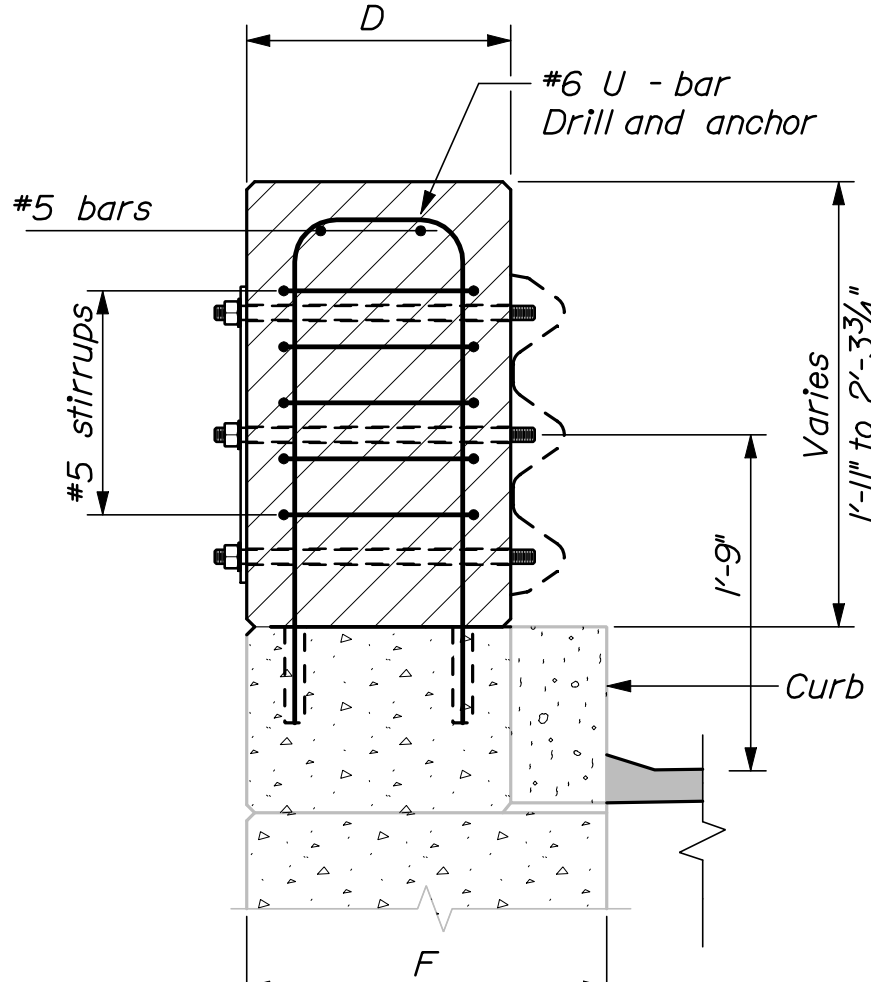
TRANSITION BARRIER PLAN



SECTION A-A



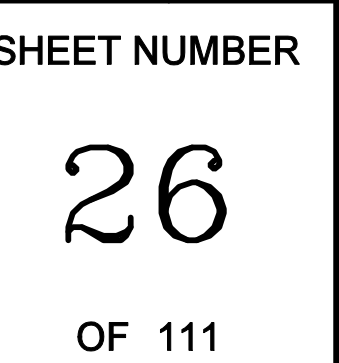
SECTION B-B



SECTION C-C

PROJ. MANAGER	DOE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
CHECKED-DETAILED	RWH	MFC	12/11			
CHECKED-REVIEWED	TRC	TRC	12/11			
DESIGN-DETAILED						
DESIGN-REVIEWED						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						





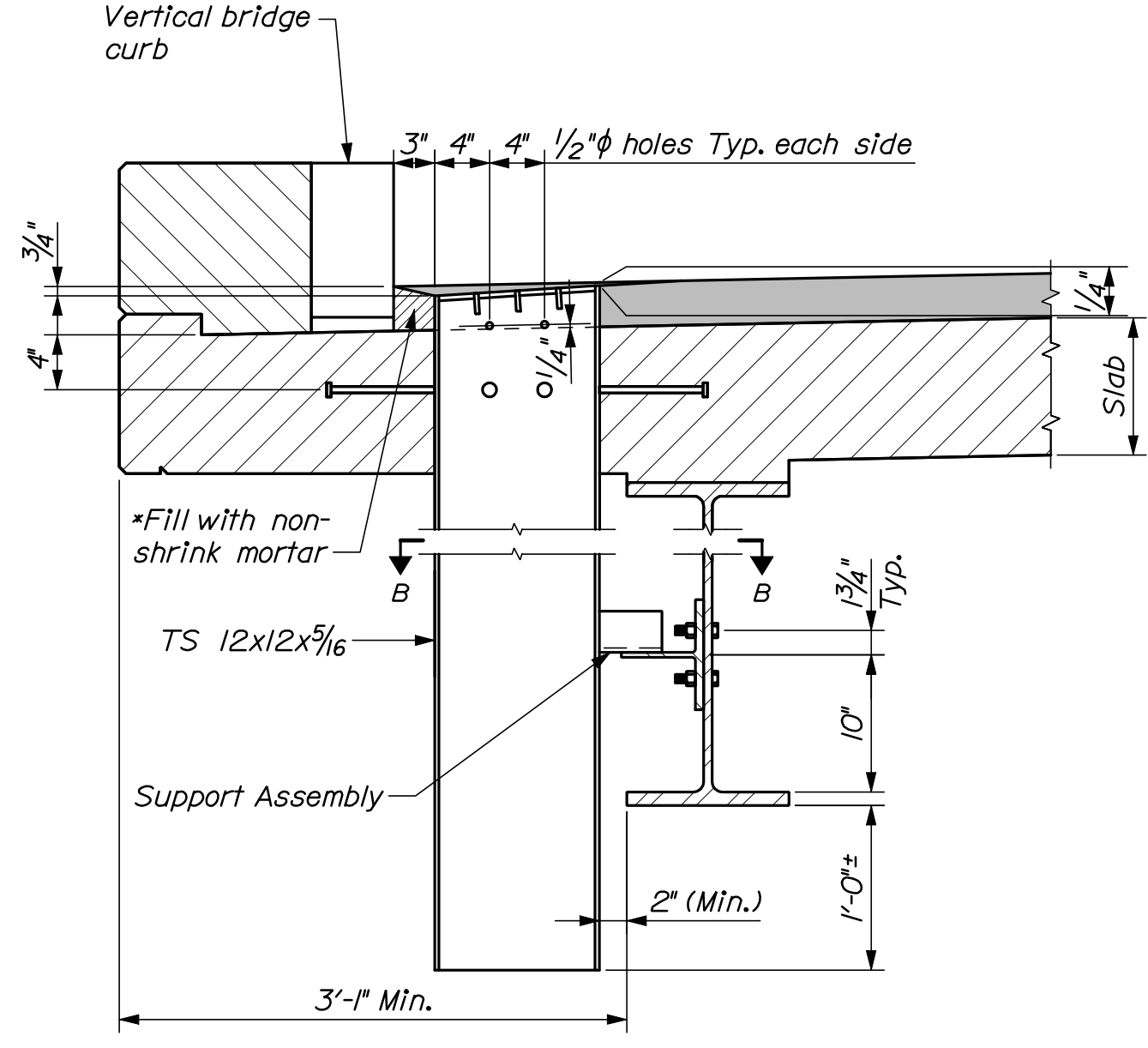
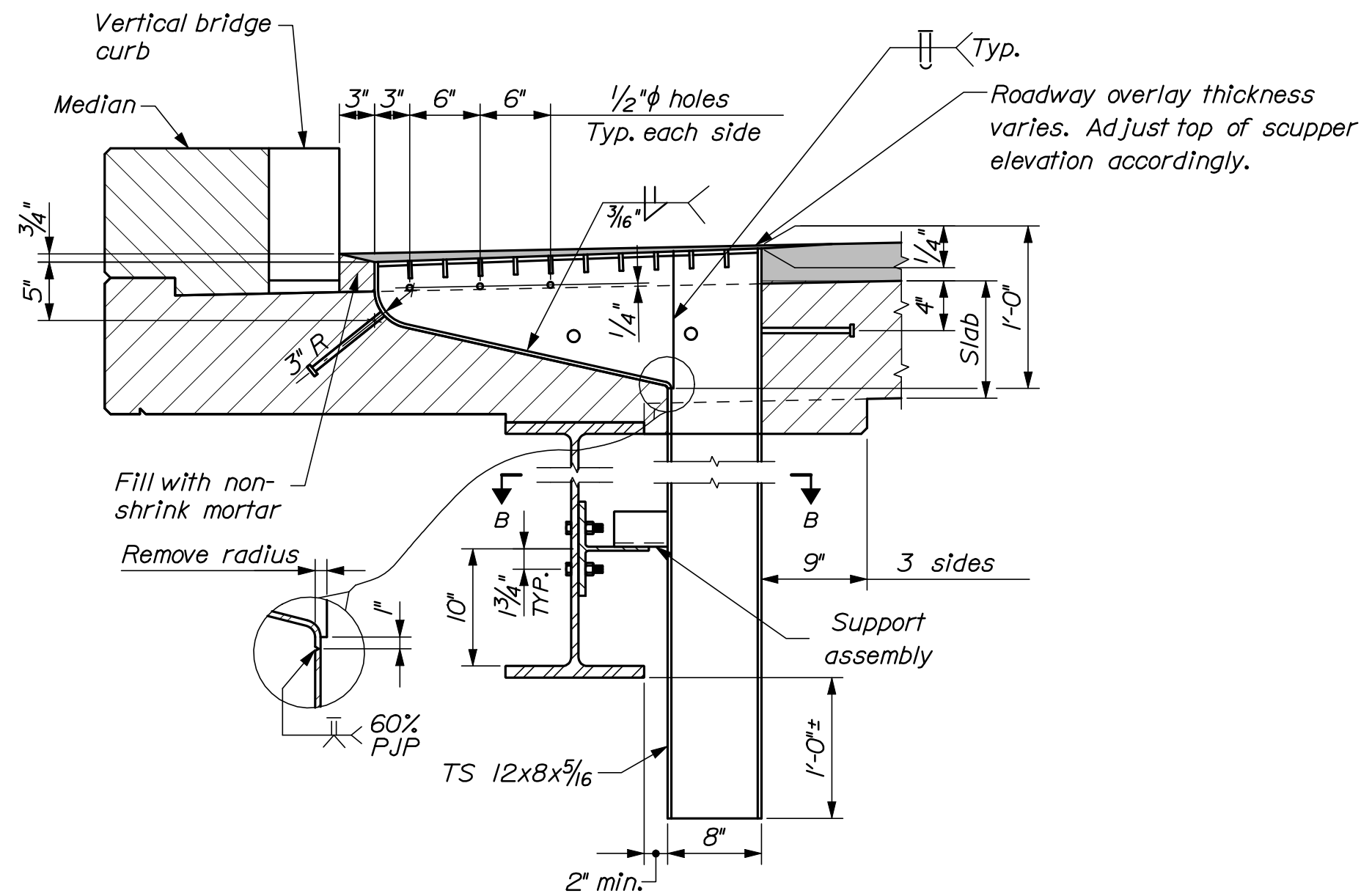
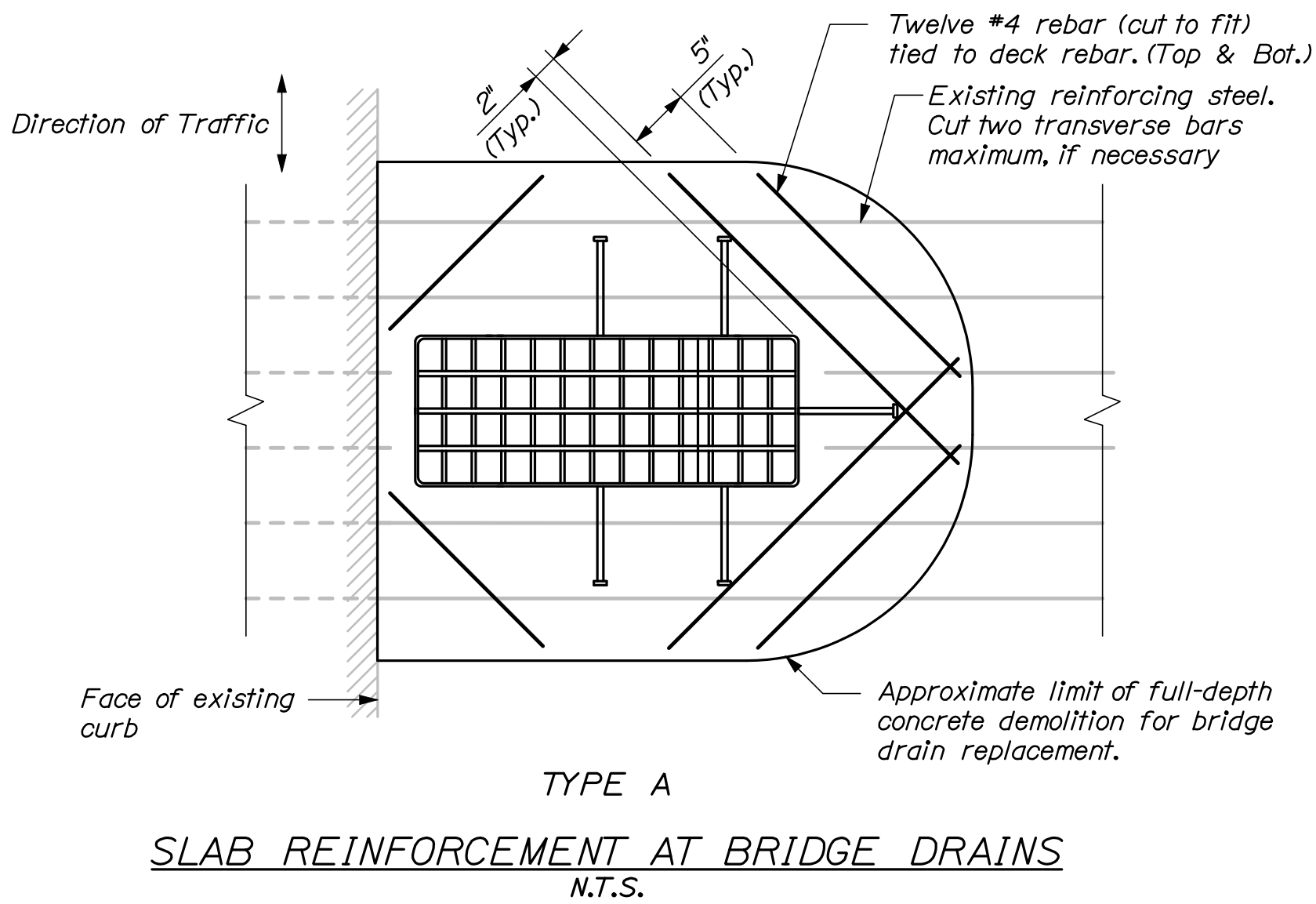
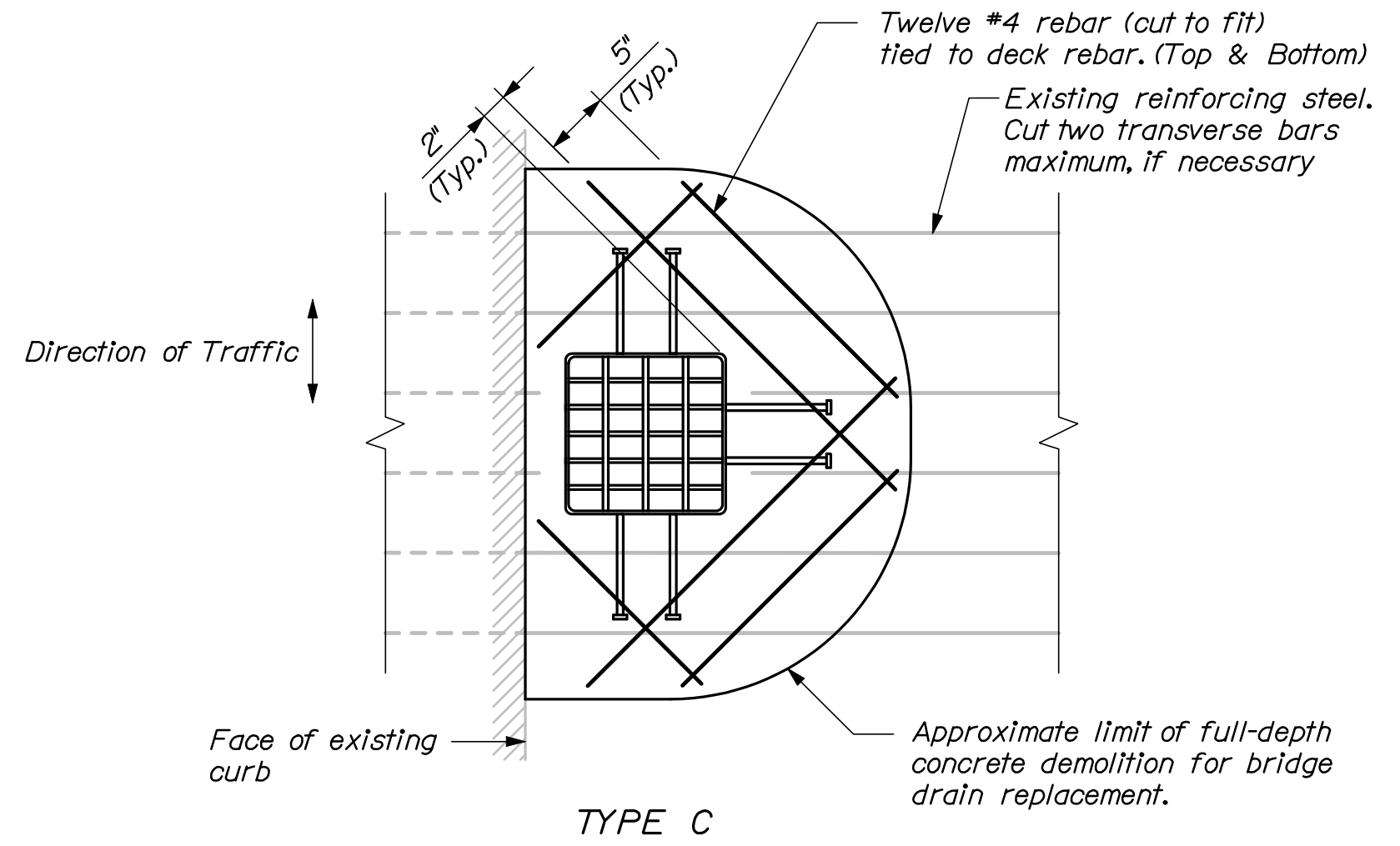
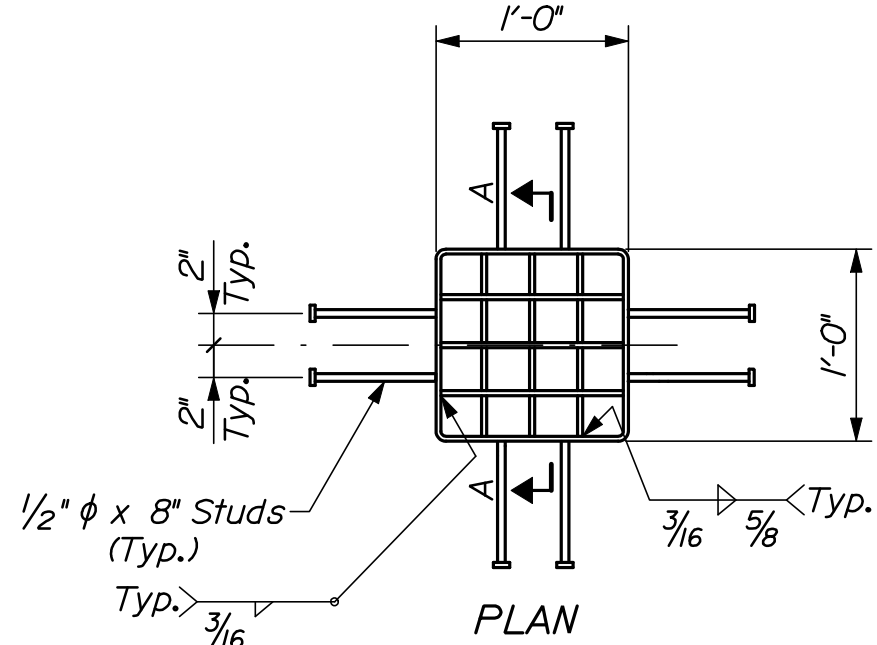
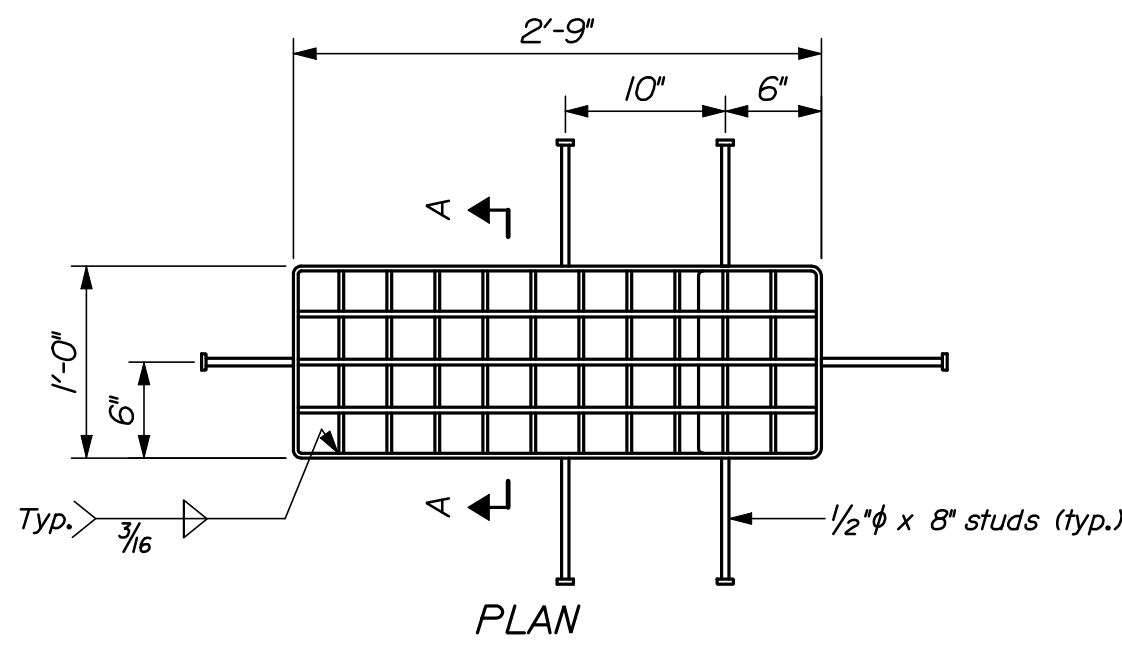


Date:12/21/2011

Username: bhavu

Division: BRIDGE

Filename: 027\_BridgeDrains.dgn

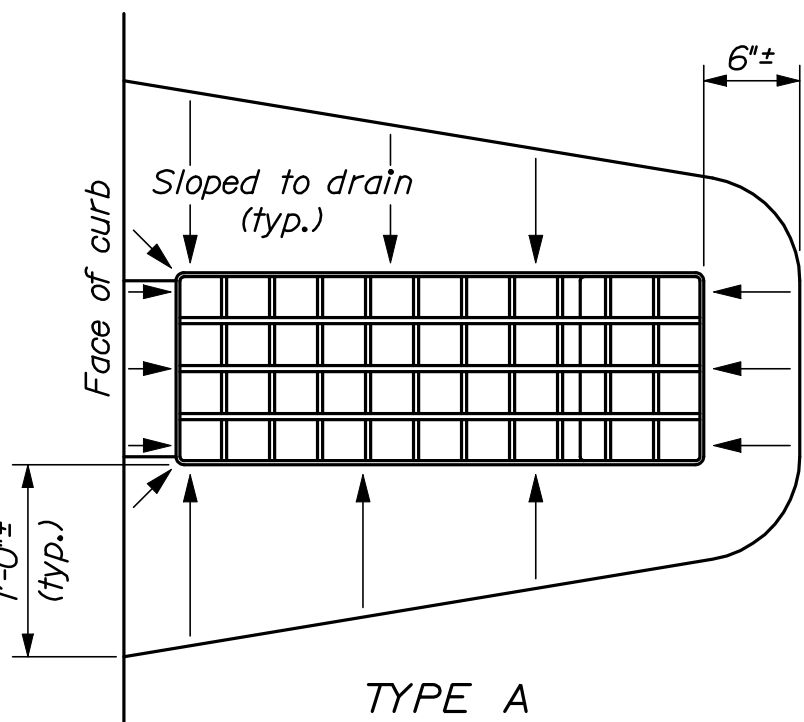
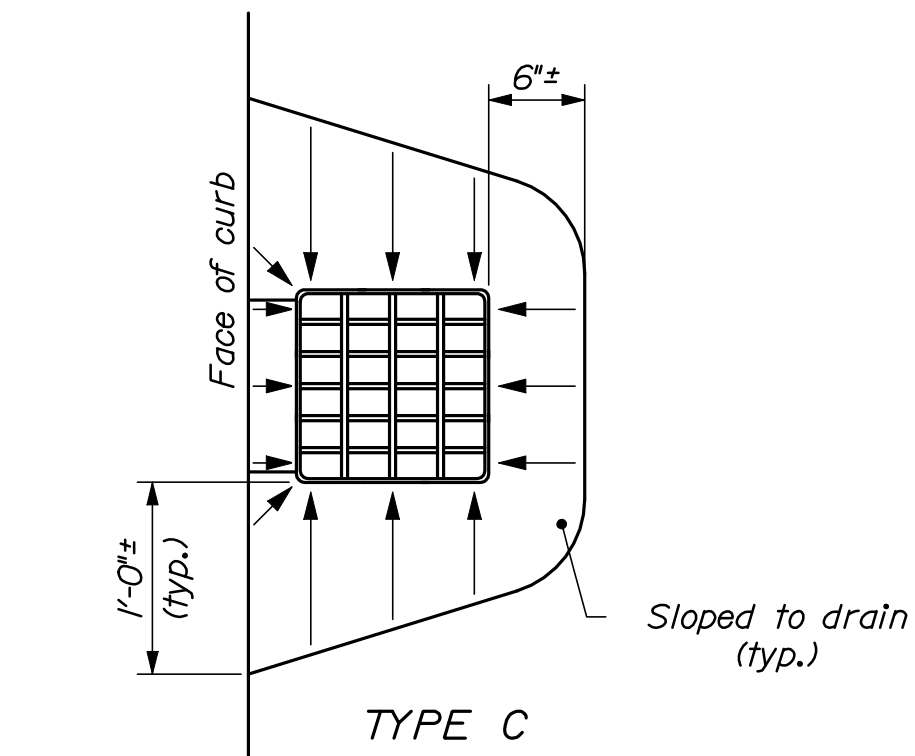


SECTION  
BRIDGE DRAIN TYPE A  
N.T.S.

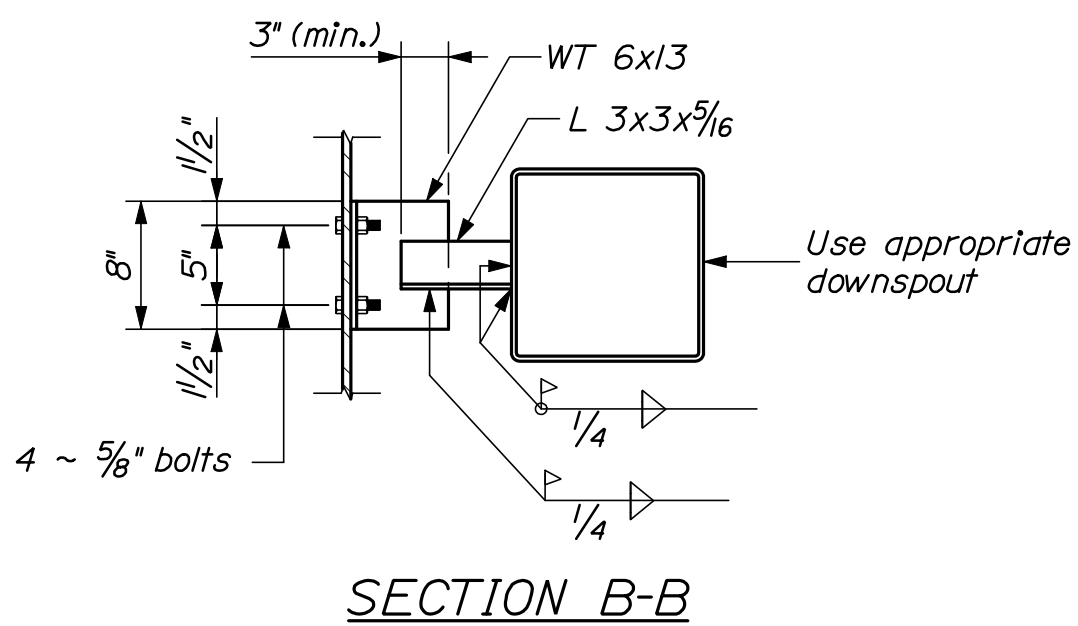
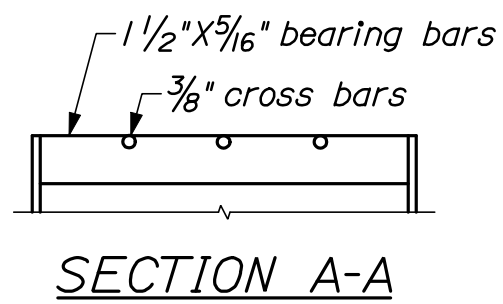
SECTION  
BRIDGE DRAIN TYPE C  
N.T.S.

BRIDGE DRAIN NOTES:

1. All plates, if any, shall be 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 1/2" x 5/16" bearing bars spaced at 2 3/8" and 3/8" 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 Contractors 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" 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.



PAVEMENT DEPRESSION AROUND BRIDGE DRAINS  
N.T.S.



STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1792(910)E	BRIDGE PLANS	
	BRIDGE NO. Varies	PIN 17925.10
	SHEET NUMBER	
INTERSTATE 295 NORTHBOUND S.PORTLAND TO PORTLAND CUMBERLAND COUNTY BRIDGE DRAIN DETAILS I	PROJ. MGR.	DATE
	DESIGN-DETAILED	12/11
	CHECKED-REVIEWED	12/11
	DESIGN-DETAILED	
	DESIGN-DETAILED	
BRIDGE DRAIN DETAILS I	REVISIONS 1	SIGNATURE
	REVISIONS 2	P.E. NUMBER
	REVISIONS 3	DATE
	REVISIONS 4	
	FIELD CHANGES	



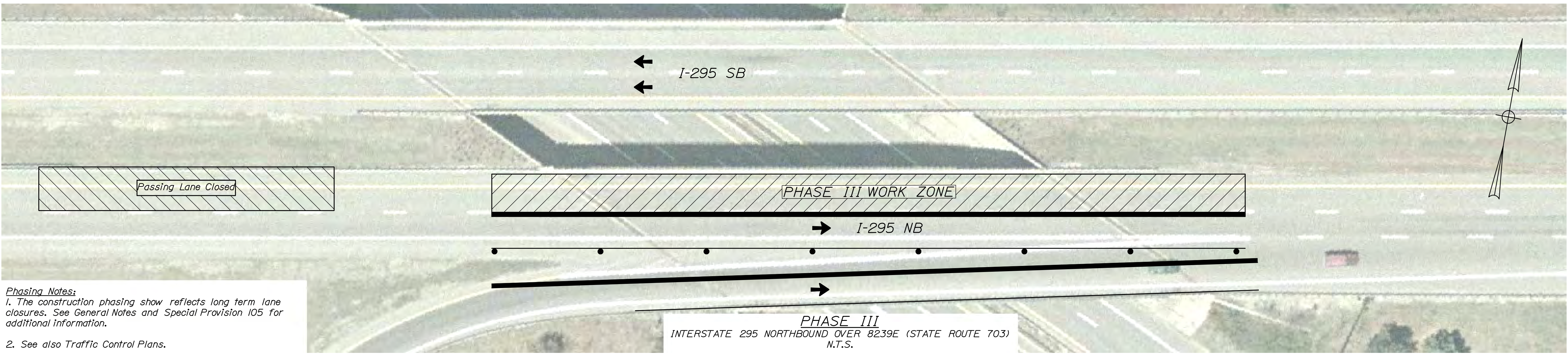
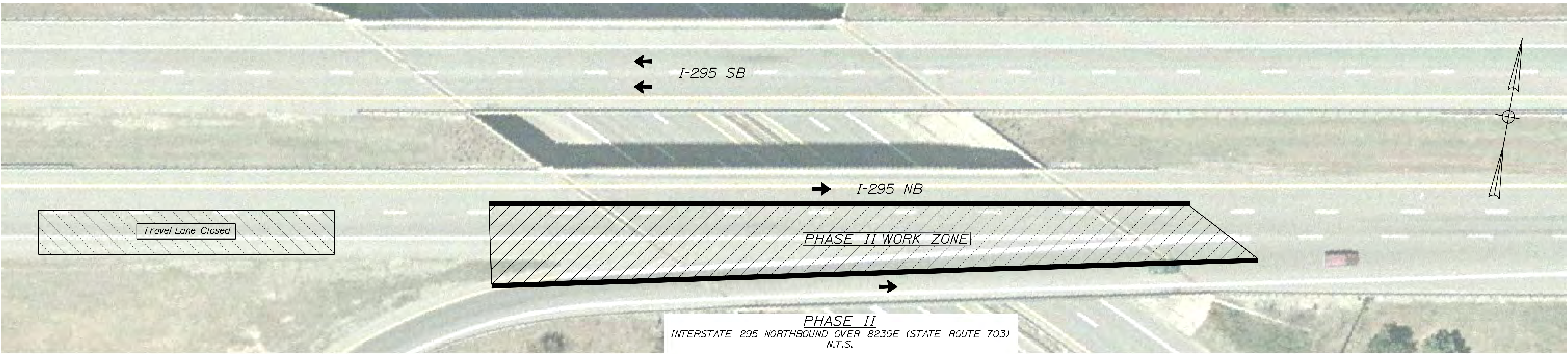
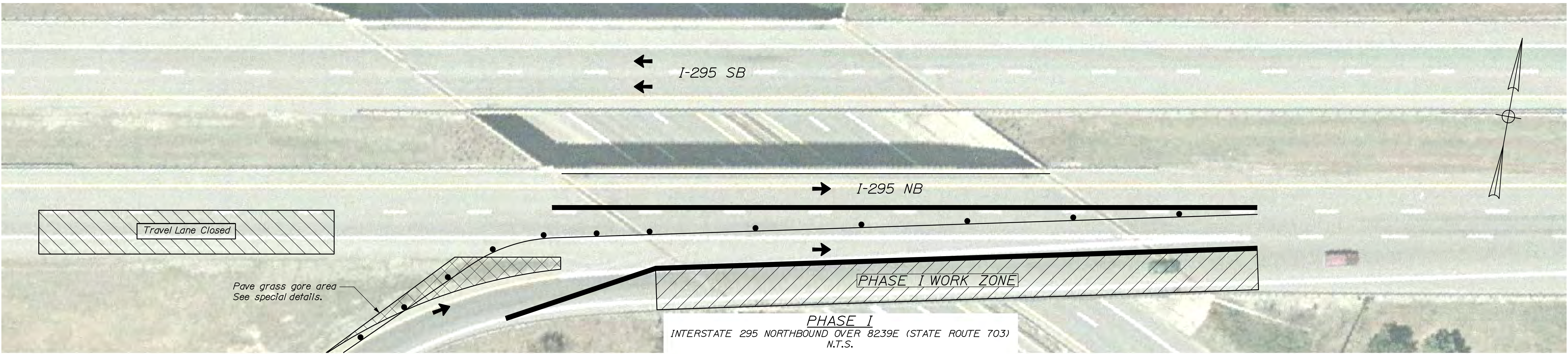


Date:12/21/2011

Username: bhavu

Division: BRIDGE

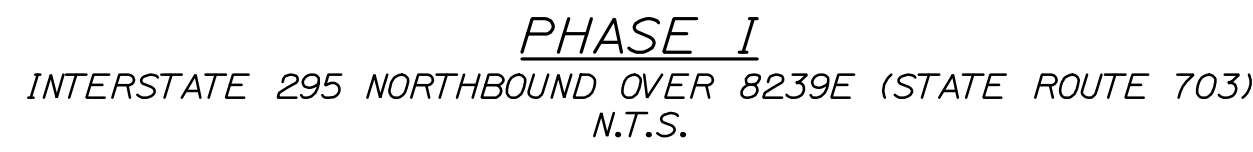
Filename: 029\_PhasingPlan-Route 703.dgn



**Phasing Notes:**  
1. The construction phasing show reflects long term lane closures. See General Notes and Special Provision 105 for additional information.  
2. See also Traffic Control Plans.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION <b>IM-1792(910)E</b>				
	BRIDGE NO. 8273		PIN 17929.10	
	BRIDGE PLANS			
INTERSTATE 295 NORTHBOUND 8239E (STATE ROUTE 703) SOUTH PORTLAND CUMBERLAND COUNTY BRIDGE PHASING PLAN	PROJ. MANAGER	DOE	BY	DATE
	DESIGN-DETAILED	RWH	MPC	12/11
	CHECKED-REVIEWED	DOE	TFC	12/11
	DESIGN-DETAILED	-	-	SIGNATURE
	REVISIONS 1	-	-	P.E. NUMBER
	REVISIONS 2	-	-	DATE
REVISIONS 3		-	-	-
REVISIONS 4		-	-	-
FIELD CHANGES		-	-	-
SHEET NUMBER		29		
OF 111				



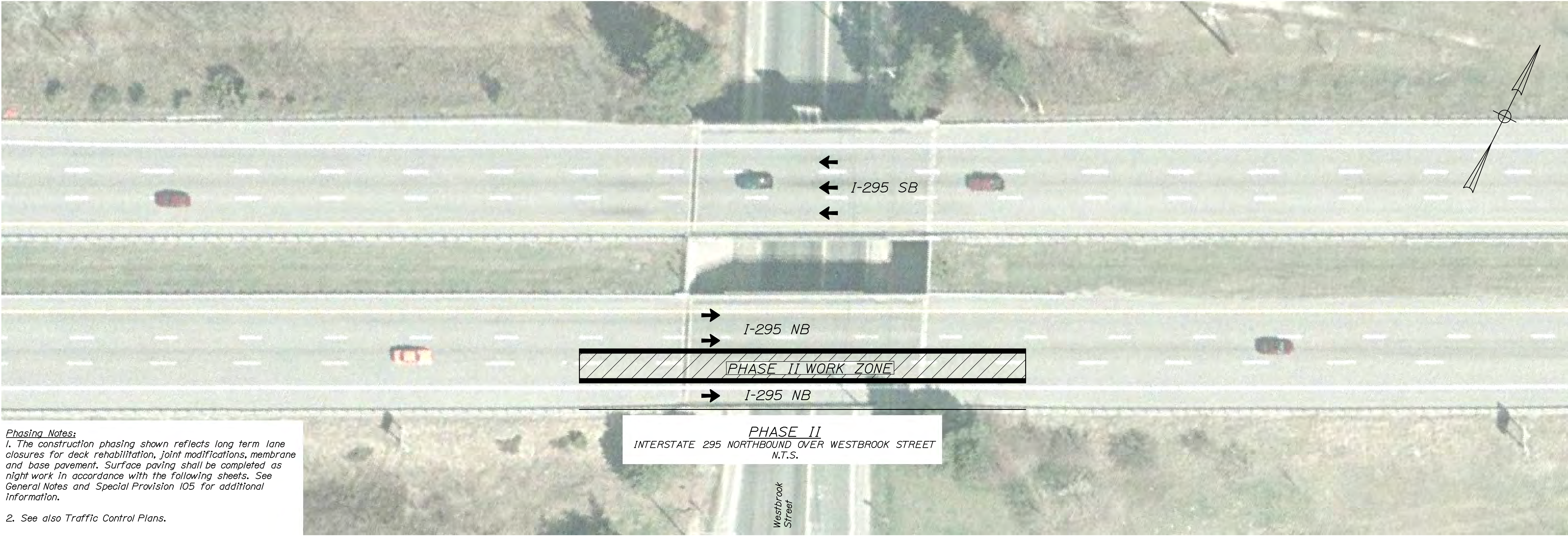
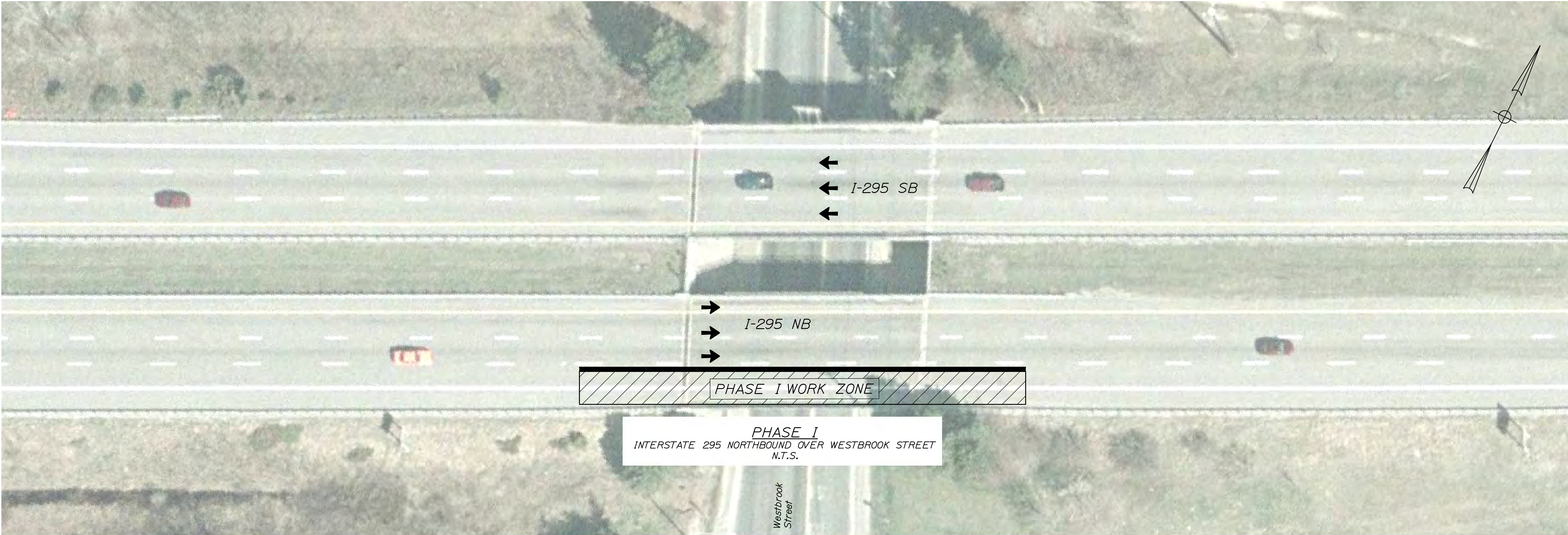


**NOTE:**

1. Sections are shown looking upstation.
2. The optional longitudinal pavement joint is shown as a Contractor option. The pavement may be placed full width if the Contractor's equipment permits.

30 OF 111	SHEET NUMBER	INTERSTATE 295 NORTHBOUND 8239E (STATE ROUTE 703) SOUTH PORTLAND CUMBERLAND COUNTY BRIDGE PHASING TYPICAL SECTION										STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1792(910)E									
		PROJ. MANAGER			DOE	BY	DATE	SIGNATURE													
		DESIGN-DETAILED			RWH	TPC	12/11														
		CHECKED-REVIEWED			DGE	TRC	12/11														
		DESIGN2-DETAILED2			-	-	-														
		DESIGN3-DETAILED3			-	-	-														
		REVISIONS 1			-	-	-	P.E. NUMBER													
		REVISIONS 2			-	-	-														
		REVISIONS 3			-	-	-														
		REVISIONS 4			-	-	-														
		FIELD CHANGES			-	-	-	DATE													
					-	-	-														
			-	-	-	BRIDGE NO. 6273															
			-	-	-																
			-	-	-	PIN															
			-	-	-																
			-	-	-	BRIDGE PLANS															
			-	-	-																

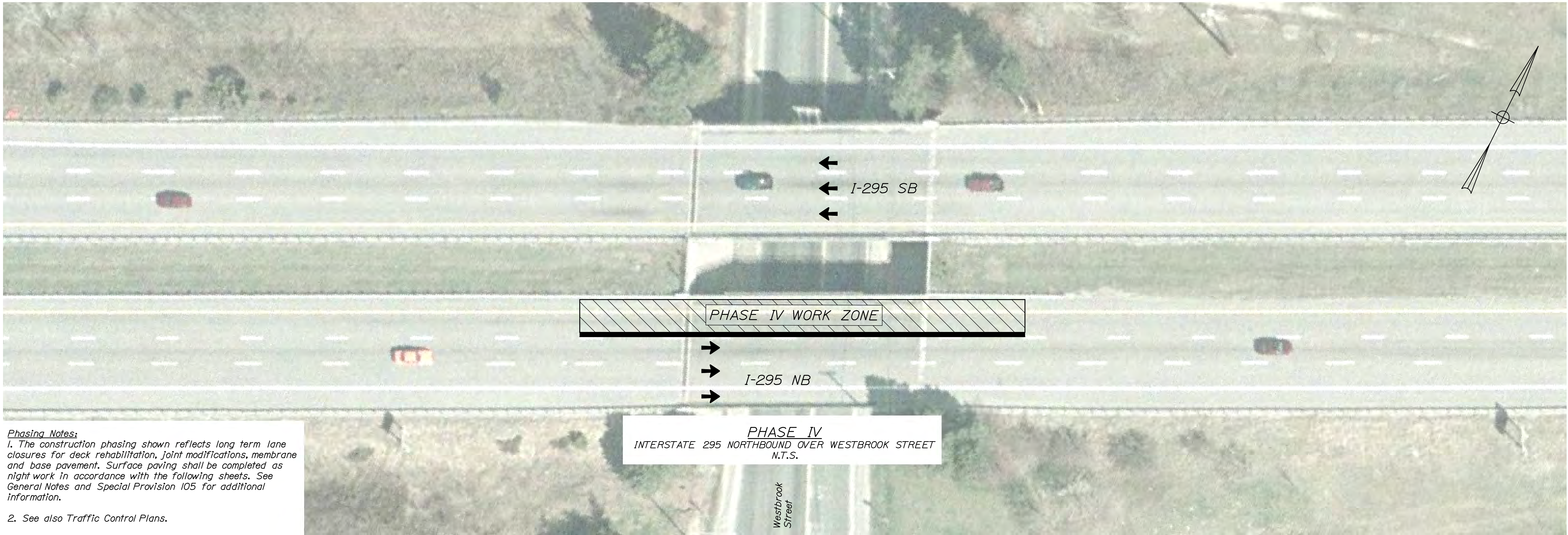
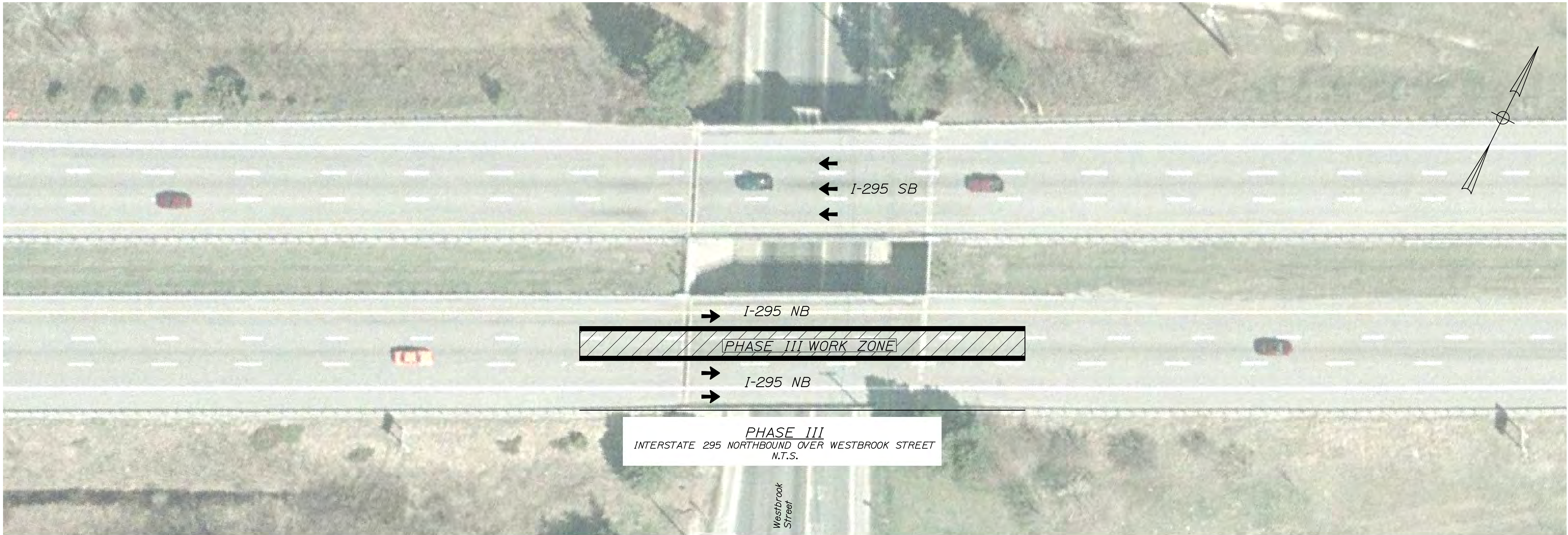




**Phasing Notes:**  
1. The construction phasing shown reflects long term lane closures for deck rehabilitation, joint modifications, membrane and base pavement. Surface paving shall be completed as night work in accordance with the following sheets. See General Notes and Special Provision 105 for additional information.  
  
2. See also Traffic Control Plans.

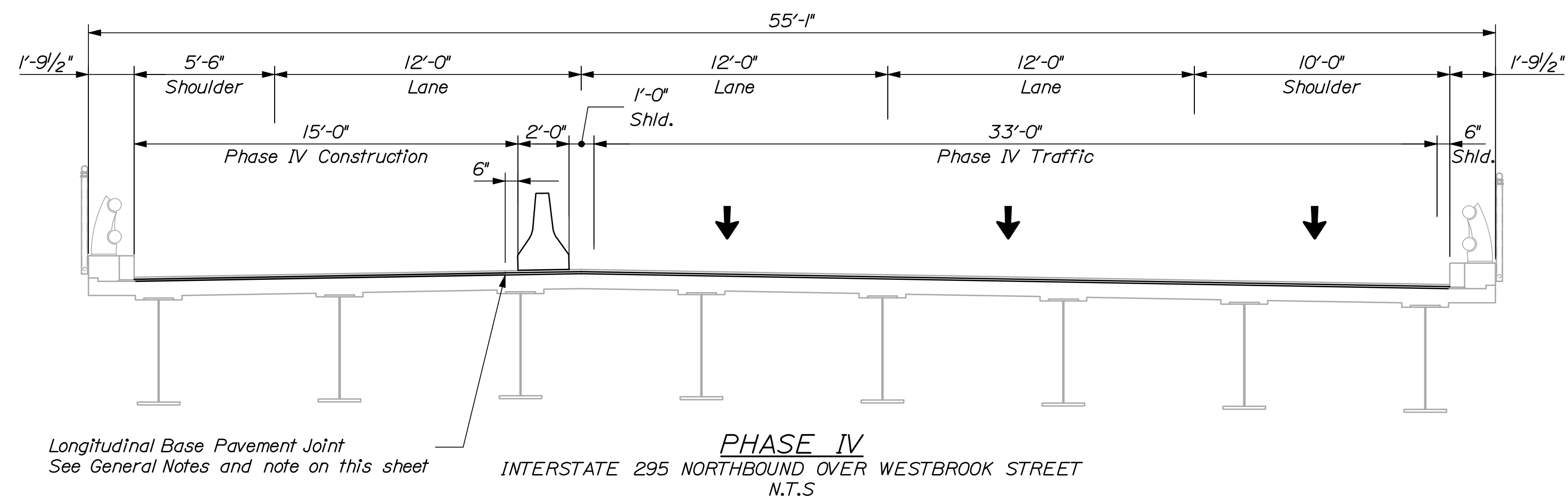
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
IM-1792(910)E		PIN 17929.10	
BRIDGE NO. 6249		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		SHEET NUMBER	
WESTBROOK STREET		31	
SOUTH PORTLAND CUMBERLAND COUNTY		OF 111	
BRIDGE PHASING			
PLAN			
PROJ. MANAGER	DESIGN-DETAILED	DATE	BY
CHECKED-REVIEWED	RWH	12/11	MPC
DESIGN-DETAILED	DGE	12/11	TFC
DESIGN-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-
SIGNATURE		P.E. NUMBER	
DATE		DATE	





32 OF 111	SHEET NUMBER	INTERSTATE 295 NORTHBOND WESTBROOK STREET SOUTH PORTLAND CUMBERLAND COUNTY BRIDGE PHASING PLAN										PROJ. MANAGER		DSE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION  IM-1792(910)E  BRIDGE NO. 6249 PIN 17929.10 BRIDGE PLANS
		DESIGN-DETAILED		RWH	MPG	12/11	SIGNATURE										
		CHECKED-REVIEWED		DGE	TRC	12/11											
		DESIGN-DETAILED2		-	-	P.E. NUMBER											
		DESIGN-DETAILED3		-	-												
		REVISIONS 1		-	-												
		REVISIONS 2		-	-												
		REVISIONS 3		-	-	DATE											
		REVISIONS 4		-	-												
		FIELD CHANGES		-	-												

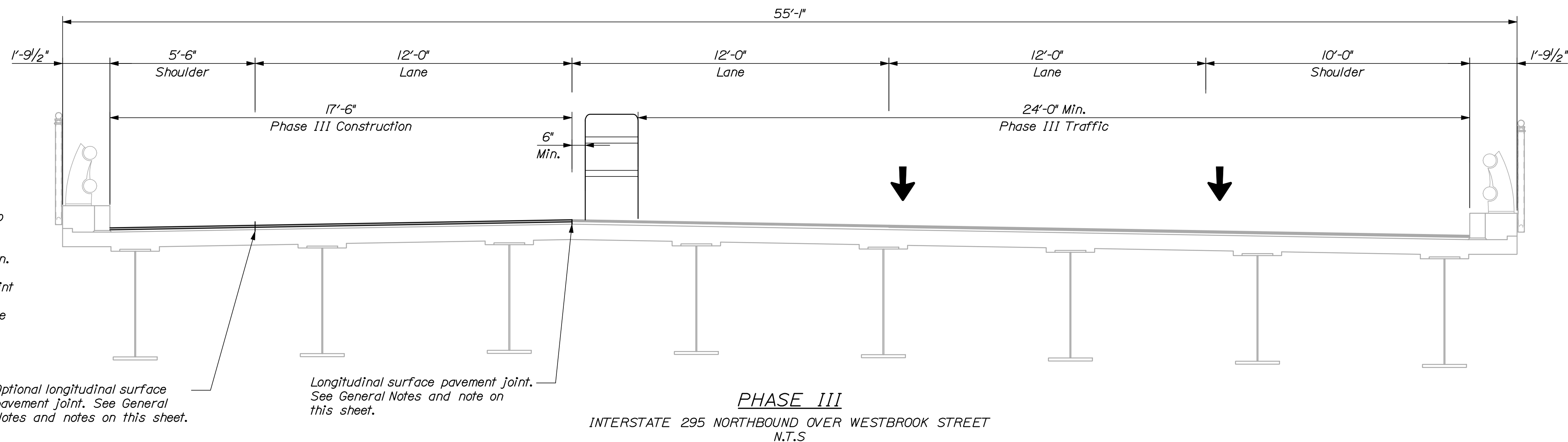




NOTE:

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

<div>33</div> <div>OF 111</div>	SHEET NUMBER	INTERSTATE 295 NORTHBOUND					PROJ. MANAGER	DSE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION  IM-1792(910)E  BRIDGE NO. 6249 17929.10 PIN BRIDGE PLANS
		WESTBROOK STREET SOUTH PORTLAND CUMBERLAND COUNTY BRIDGE PHASING TYPICAL SECTION					DESIGN-DETAILED	RWH	MPC	12/11	
							CHECKED-REVIEWED	DSE	TTC	12/11	
							DESIGN2-DETAILED2	-	-	-	
							DESIGN3-DETAILED3	-	-	-	
							REVISIONS 1	-	-	-	
							REVISIONS 2	-	-	-	
							REVISIONS 3	-	-	-	
							REVISIONS 4	-	-	-	
							FIELD CHANGES	-	-	-	
	-						-	-			

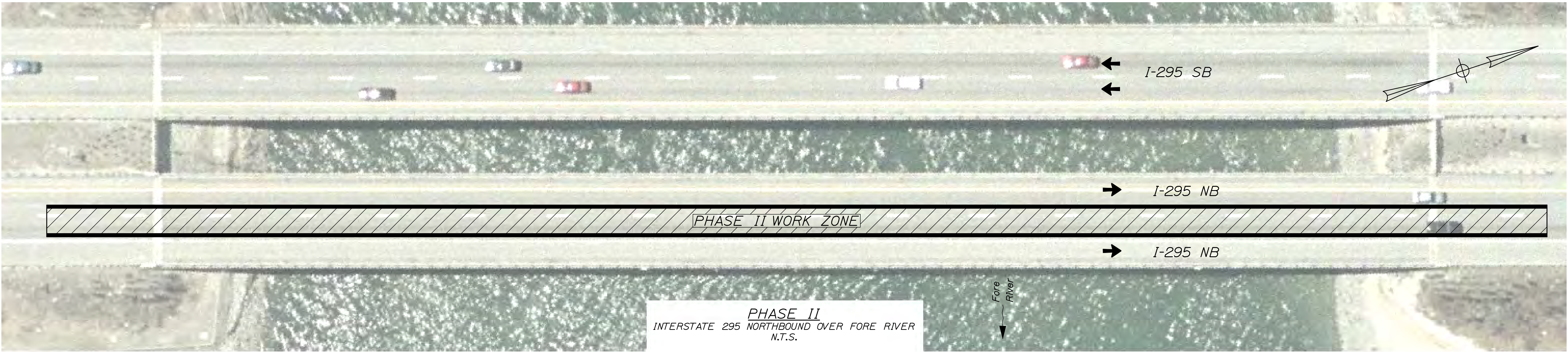
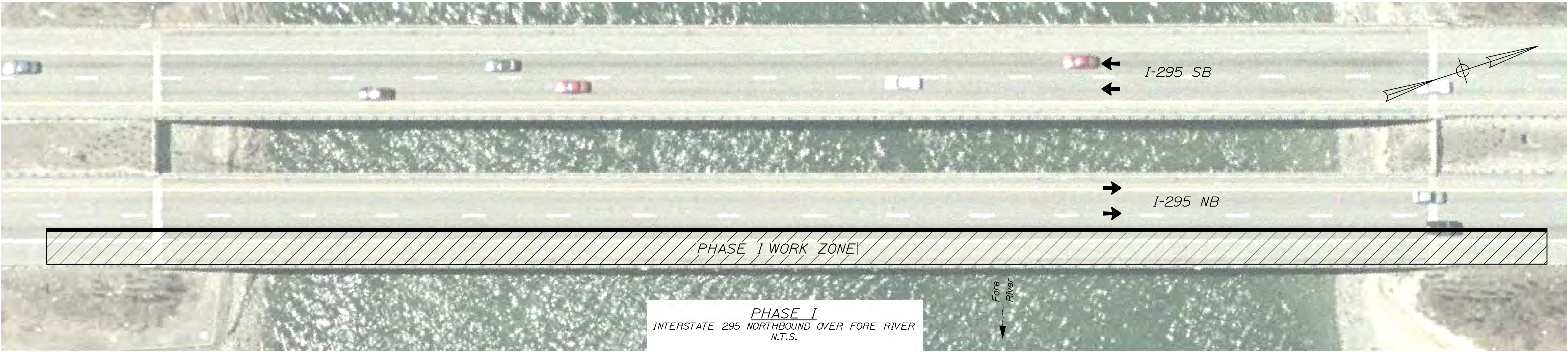


**NOTE:**

1. Phasing shown for surface paving to be completed as night work.
2. Sections are shown looking upstation.
3. The optional longitudinal pavement joint is shown as a Contractor option. The pavement may be placed full width if the Contractor's equipment permits.

<div style="text-align: center;"> <b>SHEET NUMBER</b>   <span style="font-size: 2em;">34</span>   OF 111 </div>	INTERSTATE 295 NORTHBUND							STATE OF MAINE  DEPARTMENT OF TRANSPORTATION		
	WESTBROOK STREET									
	SOUTH PORTLAND CUMBERLAND COUNTY									
	BRIDGE PHASING									
	TYPICAL SECTION									
	PROJ. MANAGER	DGE	BY	DATE						
	DESIGN-DETAILED	RWH	MPC	12/11						
	CHECKED-REVIEWED	DGE	TRC	12/11				SIGNATURE		
	DESIGNER-DETAILED2	-	-	-						
	DESIGNER-DETAILED3	-	-	-				P.E. NUMBER		
	REVISONS 1	-	-	-						
	REVISONS 2	-	-	-						
	REVISONS 3	-	-	-						
	REVISONS 4	-	-	-				DATE		
	FIELD CHANGES	-	-	-				BRIDGE NO. 6249		
								PIN 17929.10		
								BRIDGE PLANS		

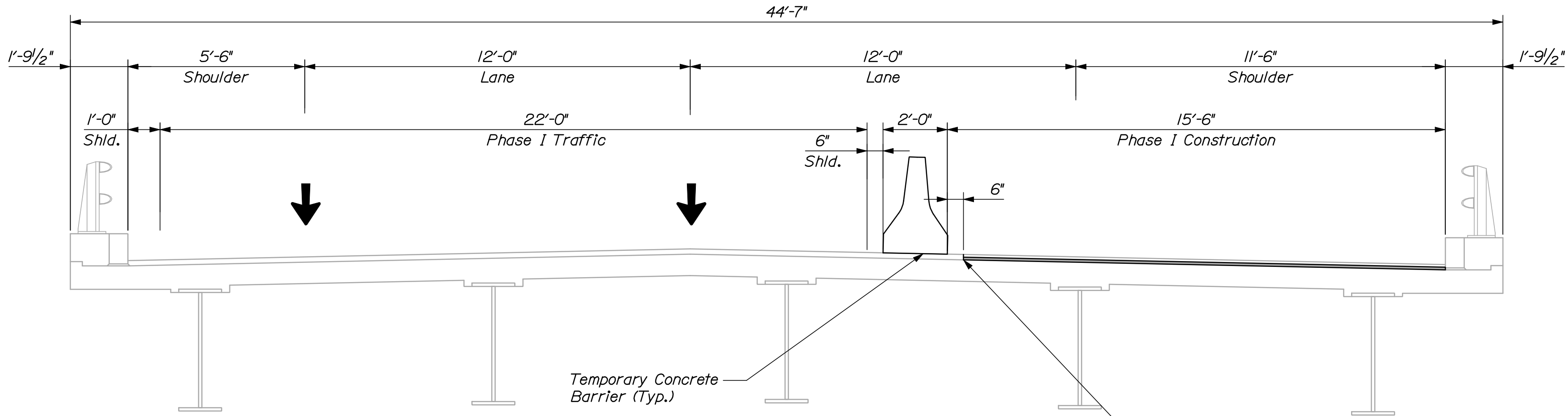




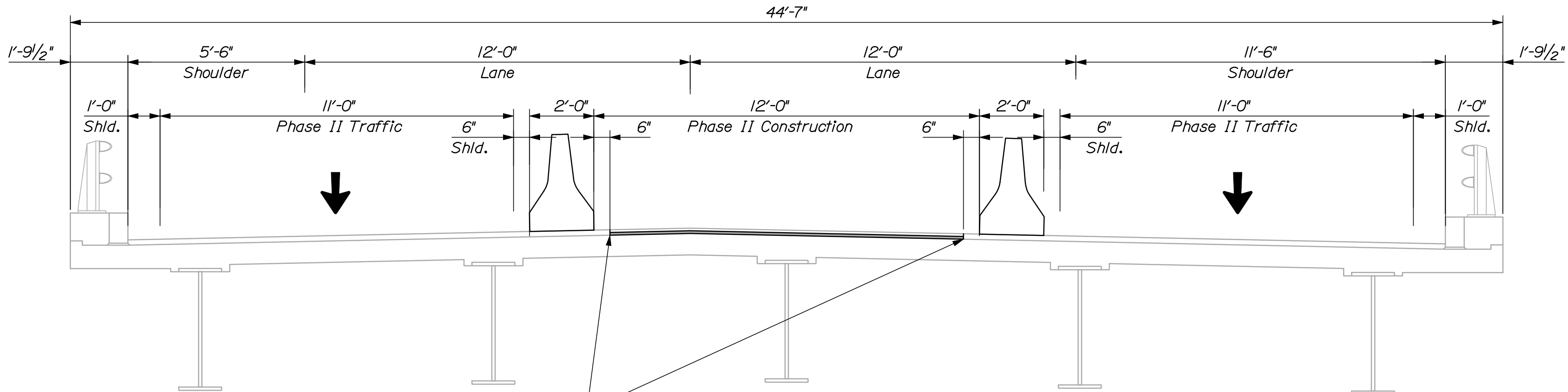
**Phasing Notes:**  
1. The construction phasing show reflects long term lane closures for deck rehabilitation, joint modifications, membrane and base pavement. Surface paving shall be completed as night work in accordance with the following sheets. See General Notes and Special Provision 105 for additional information.  
2. See also Traffic Control Plans.  
3. Phases to be coordinated with PTRR (Fore River), Portland Connector, Congress Street and Park Avenue, St. James Street, PTRR (St. John) and St. John Street work zones to create one continuous work zone.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	IM-1792(910)E		PIN 17929.10		BRIDGE NO. 0281		BRIDGE PLANS	
	INTERSTATE 295 NORTHBOUND FORE RIVER PORTLAND CUMBERLAND COUNTY							SHEET NUMBER  35  OF 111
	BRIDGE PHASING PLAN							
PROJ. MANAGER		DATE	BY	DOE	SIGNATURE			
DESIGN-DETAILED		12/11	MPC	TFC	P.E. NUMBER			
CHECKED-REVIEWED		12/11	DOE		DATE			
DESIGN-DETAILED								
REVISIONS 1								
REVISIONS 2								
REVISIONS 3								
REVISIONS 4								
FIELD CHANGES								



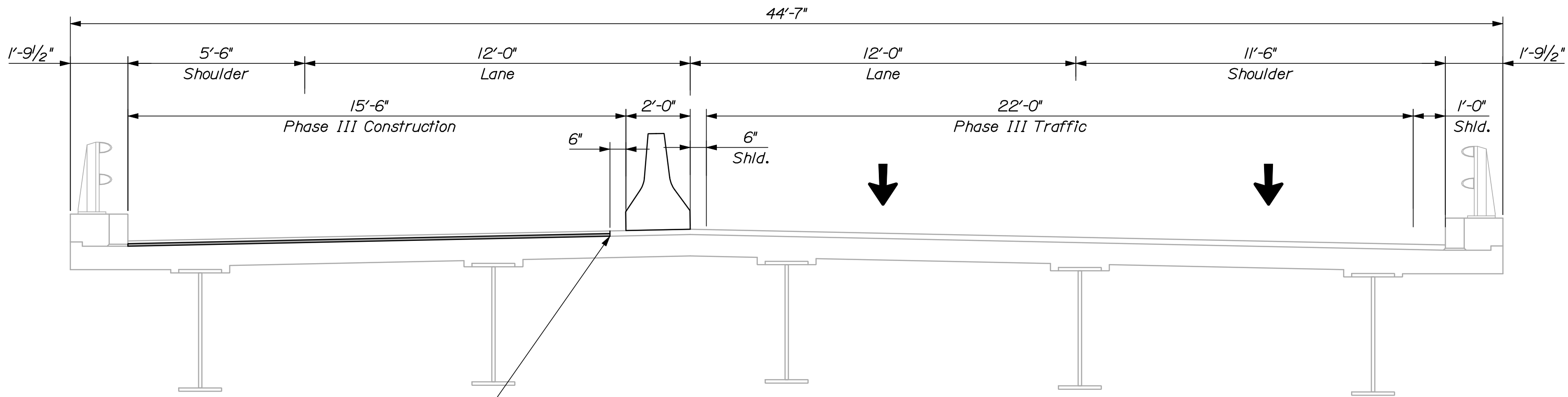


**PHASE I**  
INTERSTATE 295 NORTHBOUND OVER FORE RIVER  
N.T.S.



Longitudinal base pavement joint.  
See General Notes and note on this sheet.

**PHASE II**  
INTERSTATE 295 NORTHBOUND OVER FORE RIVER  
N.T.S.



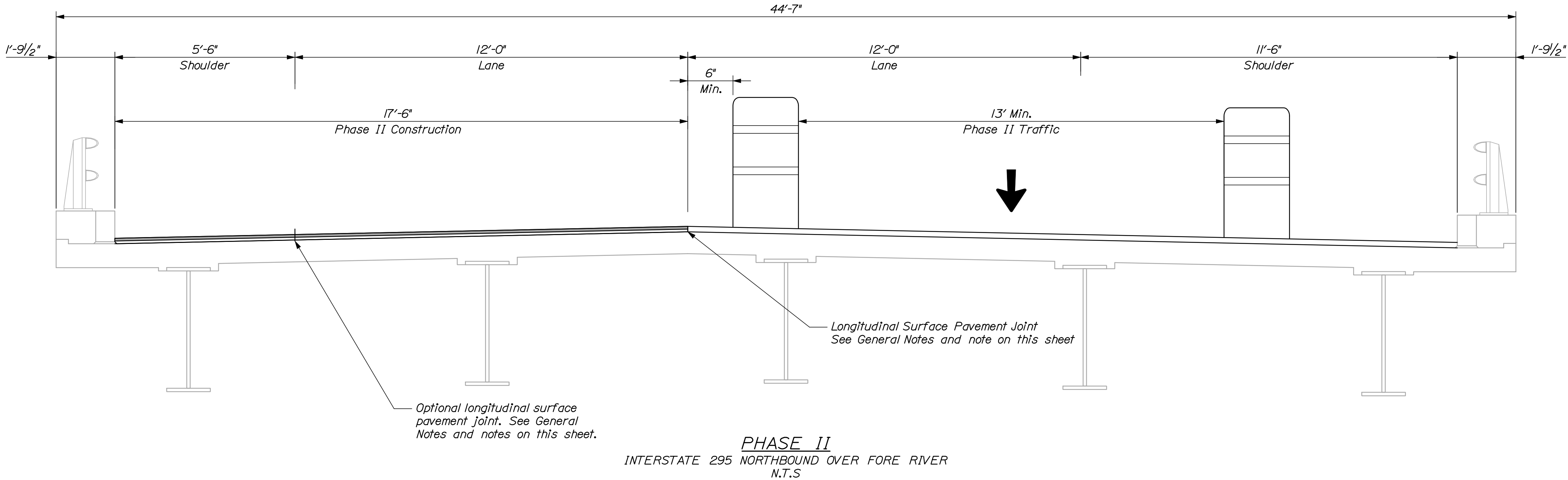
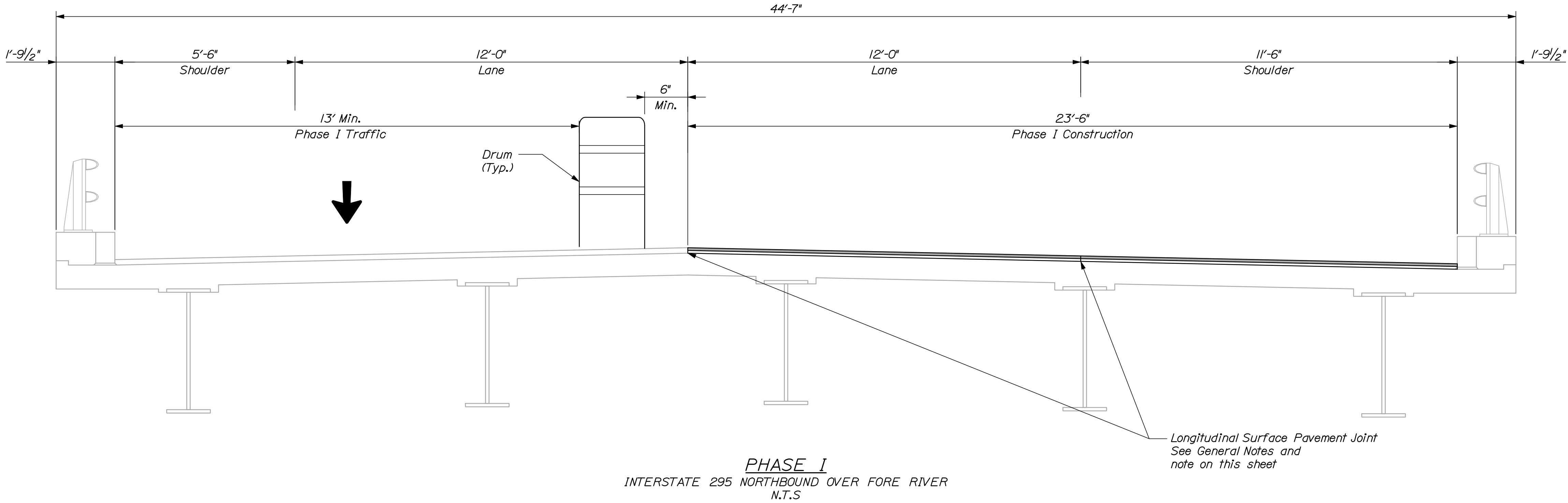
Longitudinal base pavement joint.  
See General Notes and note on this sheet.

**PHASE III**  
INTERSTATE 295 NORTHBOUND OVER FORE RIVER  
N.T.S.

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

INTERSTATE 295 NORTHBOUND										STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
FORE RIVER											
PORTLAND CUMBERLAND COUNTY										IM-1792(910)E	
BRIDGE PHASING											
TYPICAL SECTION										BRIDGE NO. 6281 PIN 17929.10 BRIDGE PLANS	
SHEET NUMBER  36  OF 111											
PROJ. MANAGER		DGE		BY		DATE		SIGNATURE			
DESIGN-DETAILED		RWH		MPC		12/11					
CHECKED-REVIEWED		DGE		TRC		12/11					
DESIGN-DETAILED2		-		-		-					
DESIGN-DETAILED3		-		-		-					
REVISIONS 1		-		-		-		P.E. NUMBER			
REVISIONS 2		-		-		-					
REVISIONS 3		-		-		-					
REVISIONS 4		-		-		-					
FIELD CHANGES		-		-		-		DATE			

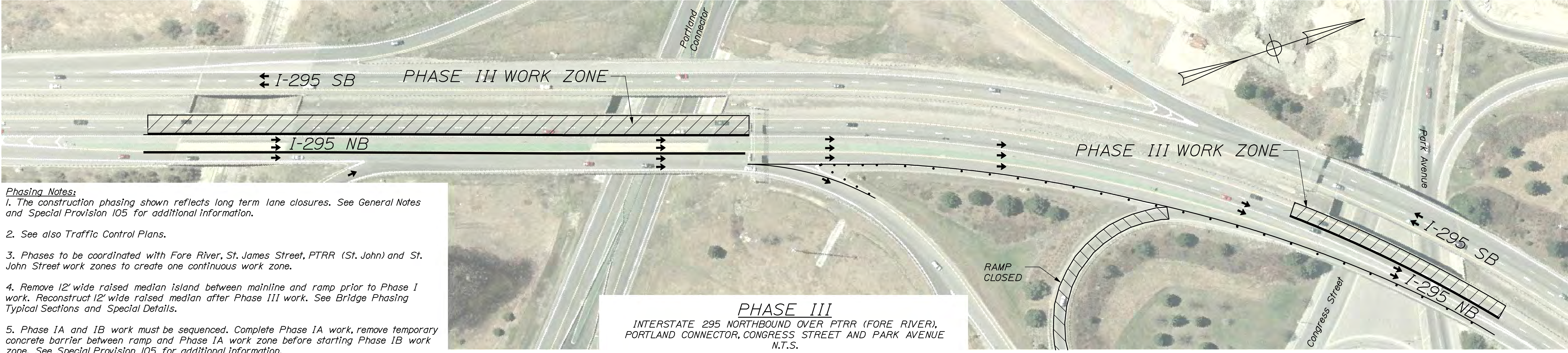
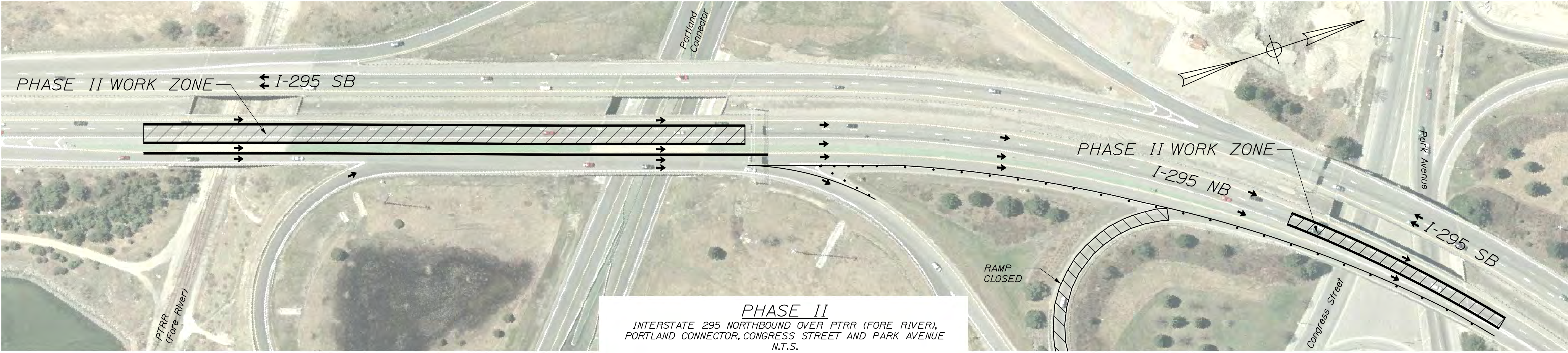
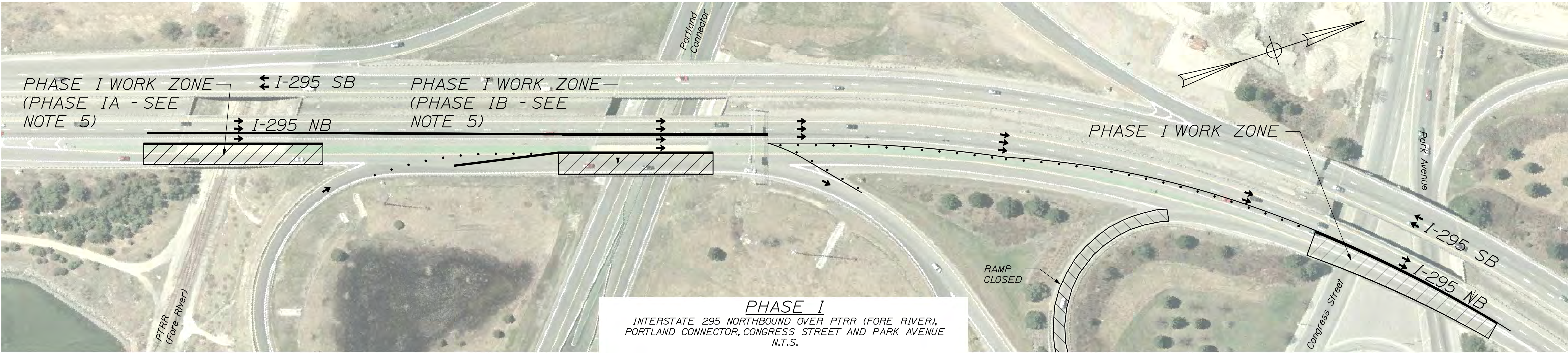




**NOTES:**  
1. Phasing shown for surface paving to be completed as night work.  
2. Sections are shown looking upstation.  
3. The optional longitudinal pavement joint is shown as a Contractor option. The pavement may be placed full width if the Contractor's equipment permits.

<div> <div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>IM-1792(910)E</div> </div>	<div> <div>BRIDGE NO. 0281</div> <div>PIN</div> <div>17929.10</div> </div>		<div>BRIDGE PLANS</div>	
	<div>INTERSTATE 295 NORTHBOUND</div> <div>FORE RIVER</div> <div>CUMBERLAND COUNTY</div>		<div>BRIDGE PHASING</div> <div>TYPICAL SECTION</div>	
	<div>SHEET NUMBER</div> <div>37</div> <div>OF 111</div>		<div>DATE</div> <div>12/11</div> <div>SIGNATURE</div> <div>P.E. NUMBER</div> <div>DATE</div>	





**Phasing Notes:**

1. The construction phasing shown reflects long term lane closures. See General Notes and Special Provision 105 for additional information.

2. See also Traffic Control Plans.

3. Phases to be coordinated with Fore River, St. James Street, PTRR (St. John) and St. John Street work zones to create one continuous work zone.

4. Remove 12' wide raised median island between mainline and ramp prior to Phase I work. Reconstruct 12' wide raised median after Phase III work. See Bridge Phasing Typical Sections and Special Details.

5. Phase IA and IB work must be sequenced. Complete Phase IA work, remove temporary concrete barrier between ramp and Phase IA work zone before starting Phase IB work zone. See Special Provision 105 for additional information.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
**IM-1792(910)E**

BRIDGE NO. 6291,  
6292,  
6294  
PIN  
17929.10  
BRIDGE PLANS

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	DOE	DATE
	RWH	TRC	12/11	MFC		12/11
	DESIGN-DETAILED			TRC		
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

INTERSTATE 295 NORTHBOUND  
PTRR (FORE RIVER), PORTLAND CONNECTOR,  
CONGRESS STREET AND PARK AVENUE  
PORTLAND CUMBERLAND COUNTY

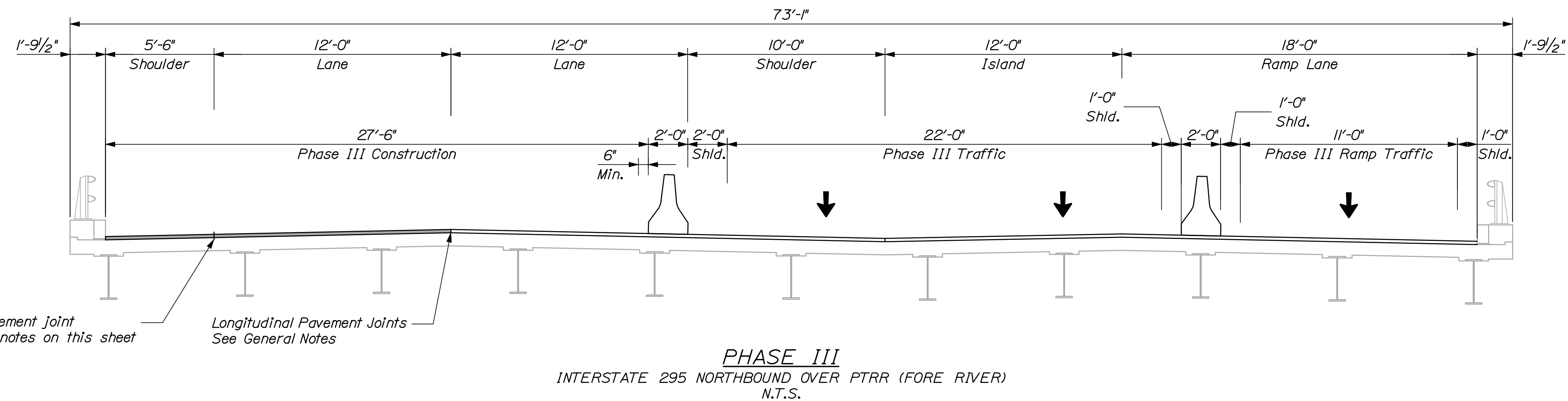
BRIDGE PHASING  
PLAN

SHEET NUMBER

38

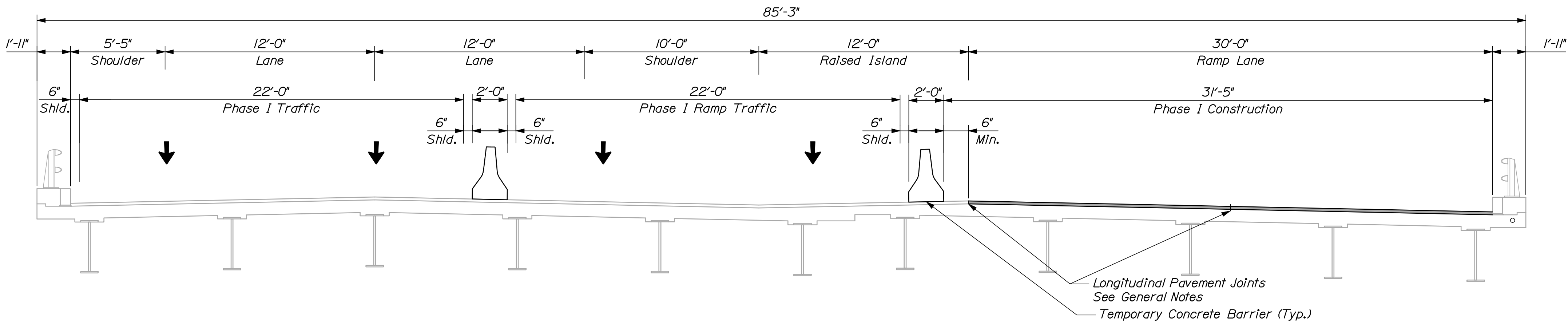
OF 111



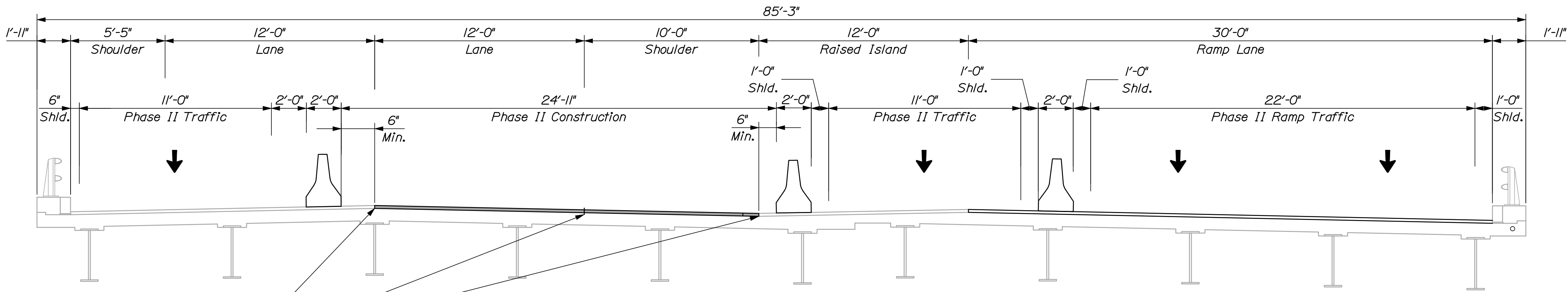


- NOTES:**
1. Sections are shown looking upstation.
  2. Prior to implementation of Phase I, the 12'-0" raised median island shall be removed. See Special Details.
  3. Upon completion of Phase III, the 12'-0" raised median island shall be reconstructed. See Special Details.
  4. The optional longitudinal pavement joint is shown as a Contractor option. The pavement may be placed full width if the Contractor's equipment permits.

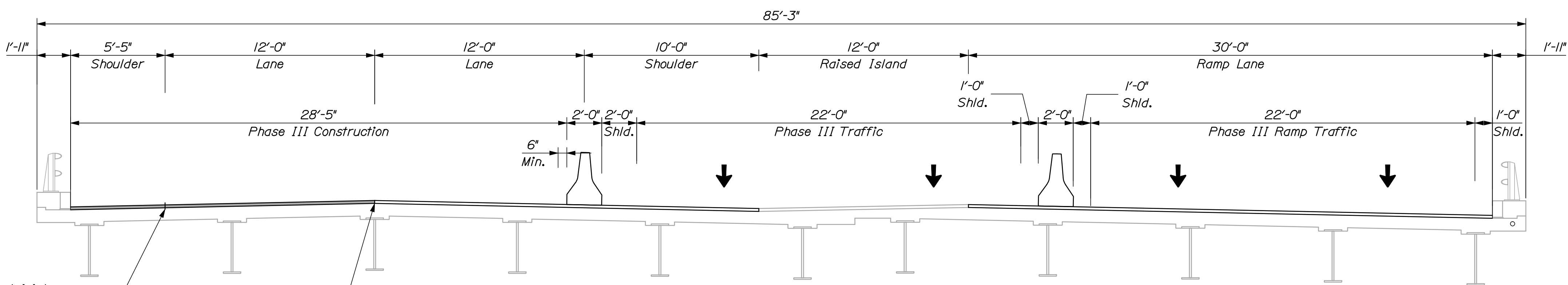
<div>39</div> <div>OF 111</div>		SHEET NUMBER	<div>INTERSTATE 295 NORTHBUND</div> <div>PTRR (FORE RIVER)</div> <div>PORTLAND CUMBERLAND COUNTY</div> <div>BRIDGE PHASING</div> <div>TYPICAL SECTION</div>	PROJ. MANAGER				DGE	BY	DATE	<div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>IM-1792(910)E</div> <div>PIN</div> <div>17929.10</div> <div>BRIDGE NO. 6291</div> <div>BRIDGE PLANS</div>
		DESIGN-DETAILED		RWH	MPC	12/11					
		CHECKED-REVIEWED		DCE	TRC	12/11	SIGNATURE				
		DESIGN2-DETAILED2		-	-	-	P.E. NUMBER				
		DESIGN3-DETAILED3		-	-	-	DATE				
		REVISIONS 1		-	-	-					
		REVISIONS 2		-	-	-					
		REVISIONS 3		-	-	-					
		REVISIONS 4		-	-	-					
		FIELD CHANGES		-	-	-					



**PHASE I**  
INTERSTATE 295 NORTHBOUND OVER PORTLAND CONNECTOR  
N.T.S.



**PHASE II**  
INTERSTATE 295 NORTHBOUND OVER PORTLAND CONNECTOR  
N.T.S.

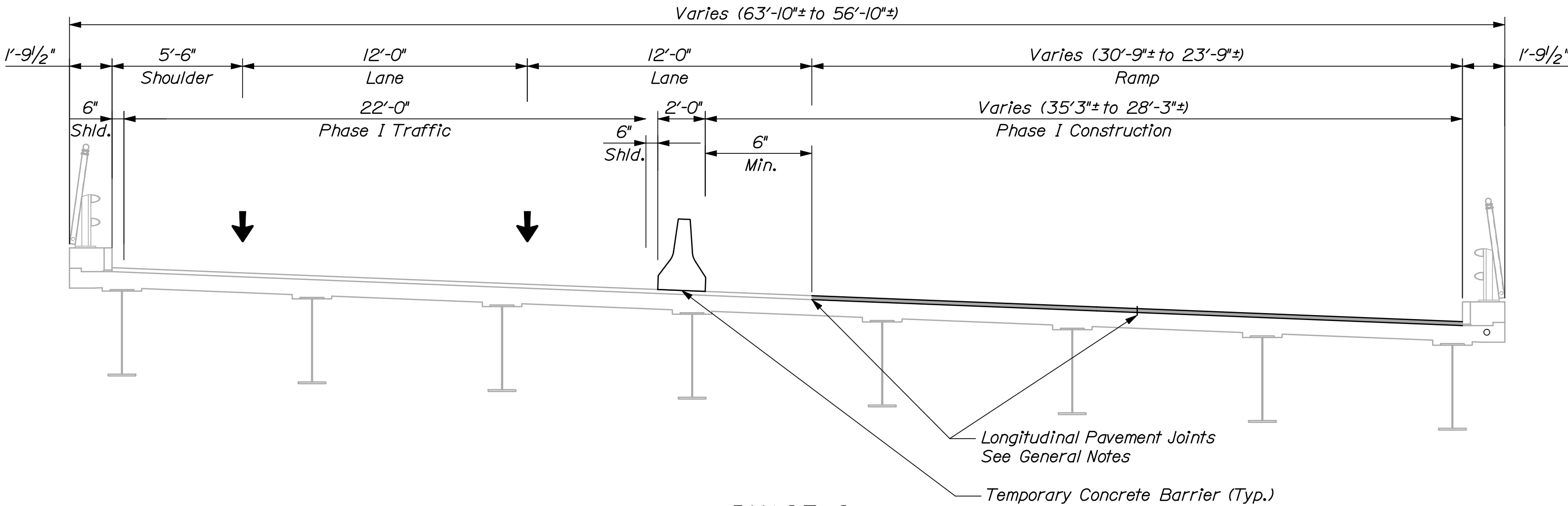


**PHASE III**  
INTERSTATE 295 NORTHBOUND OVER PORTLAND CONNECTOR  
N.T.S.

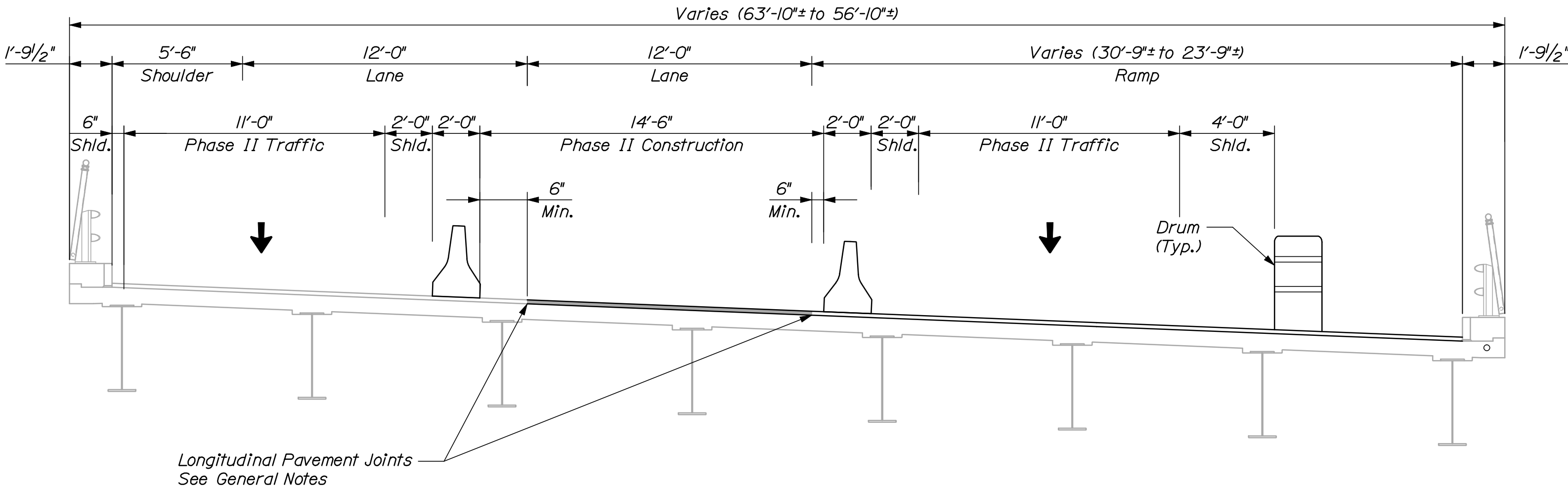
- NOTES:**
1. Sections are shown looking upstation
  2. Prior to implementation of Phase I, the 12'-0" raised median island shall be removed. See Special Details.
  3. Upon completion of Phase III, the 12'-0" raised median island shall be reconstructed. See Special Details.
  4. The optional longitudinal pavement joint is shown as a Contractor option. The pavement may be placed full width if the Contractor's equipment permits.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17929.10		BRIDGE NO. 6292		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		PORTLAND CONNECTOR		CUMBERLAND COUNTY		BRIDGE PHASING		TYPICAL SECTION		SHEET NUMBER	
40		OF 111									

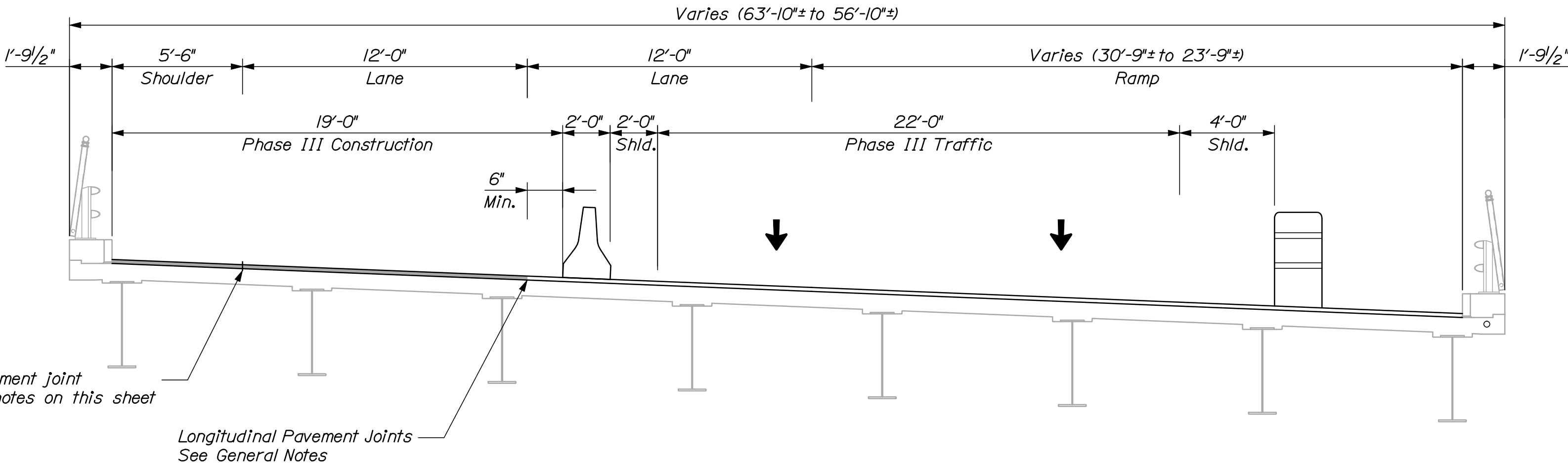




**PHASE I**  
INTERSTATE 295 NORTHBOUND OVER CONGRESS STREET AND PARK AVENUE  
N.T.S.



**PHASE II**  
INTERSTATE 295 NORTHBOUND OVER CONGRESS STREET AND PARK AVENUE  
N.T.S.



**PHASE III**  
INTERSTATE 295 NORTHBOUND OVER CONGRESS STREET AND PARK AVENUE  
N.T.S.

- NOTES:**
- Sections are shown looking upstation
  - Prior to implementation of Phase I, the 12'-0" raised median island shall be removed. See Special Details.
  - Upon completion of Phase III, the 12'-0" raised median island shall be reconstructed. See Special Details.
  - The optional longitudinal pavement joint is shown as a Contractor option. The pavement may be placed full width if the Contractor's equipment permits.

Optional longitudinal pavement joint  
See General Notes and notes on this sheet

Longitudinal Pavement Joints  
See General Notes

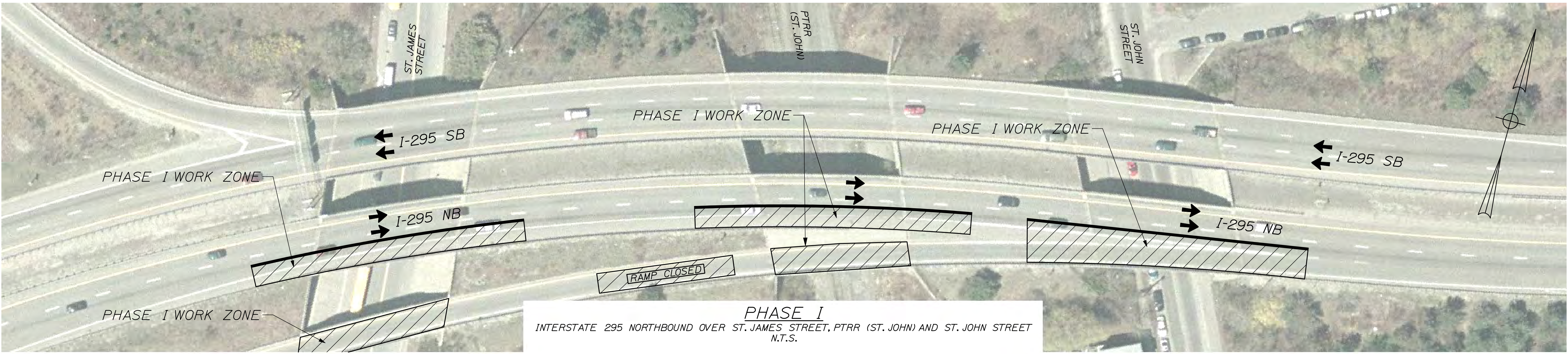
INTERSTATE 295 NORTHBOUND CONGRESS STREET AND PARK AVENUE PORTLAND CUMBERLAND COUNTY BRIDGE PHASING TYPICAL SECTION	STATE OF MAINE	
	DEPARTMENT OF TRANSPORTATION	
	IM-1792(910)E	
	BRIDGE NO. 6294	PIN 17929.10
SHEET NUMBER		BRIDGE PLANS
41		
OF 111		
DATE		SIGNATURE
BY		P.E. NUMBER
DOE		DATE
DESIGN-DETAILED		
CHECKED-REVIEWED		
DESIGN-DETAILED		
REVISIONS 1		
REVISIONS 2		
REVISIONS 3		
REVISIONS 4		
FIELD CHANGES		



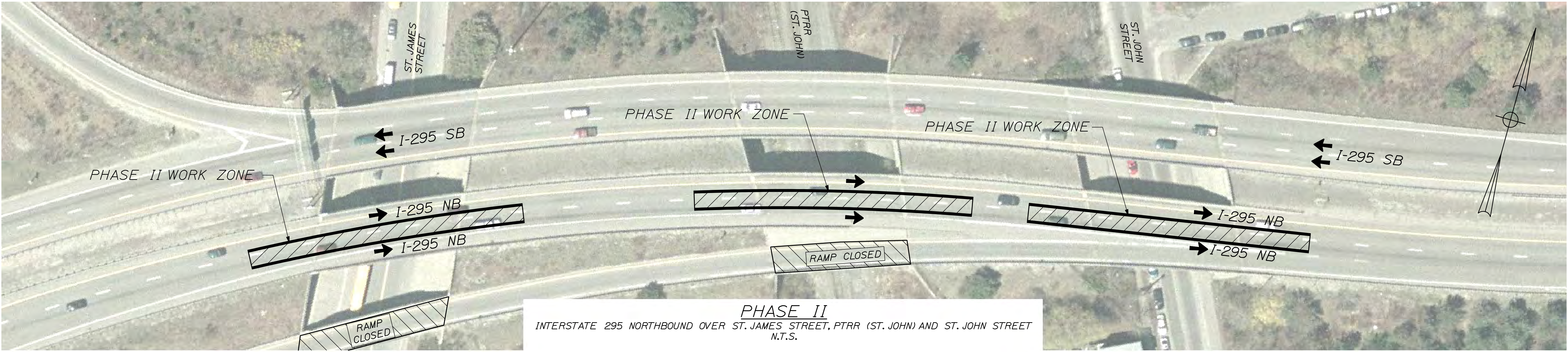
Date:12/21/2011

Username: bhavu

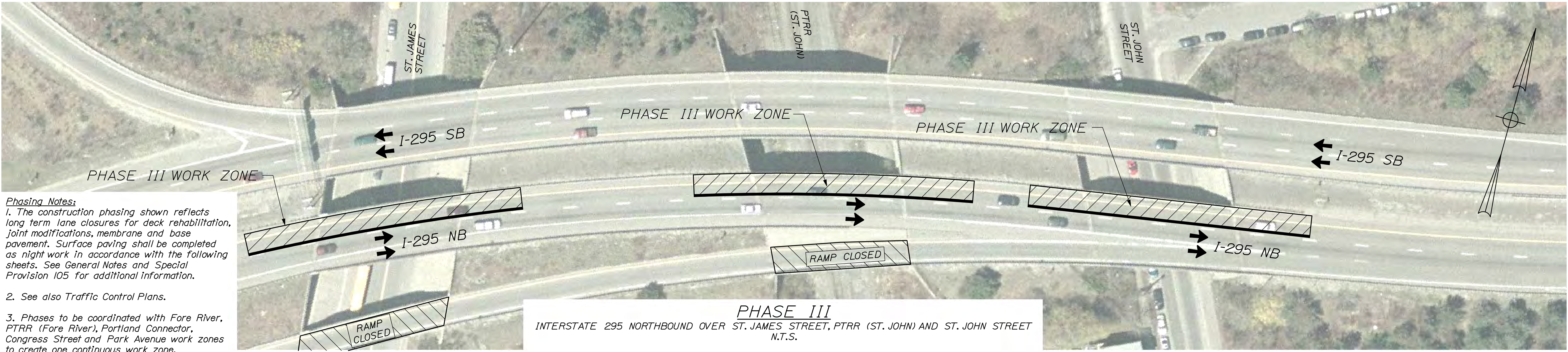
Filename: 042\_PhasingPlan-James-PTRR-John.dgn Division: BRIDGE



**PHASE I**  
INTERSTATE 295 NORTHBOUND OVER ST. JAMES STREET, PTRR (ST. JOHN) AND ST. JOHN STREET N.T.S.



**PHASE II**  
INTERSTATE 295 NORTHBOUND OVER ST. JAMES STREET, PTRR (ST. JOHN) AND ST. JOHN STREET N.T.S.



**PHASE III**  
INTERSTATE 295 NORTHBOUND OVER ST. JAMES STREET, PTRR (ST. JOHN) AND ST. JOHN STREET N.T.S.

**Phasing Notes:**  
1. The construction phasing shown reflects long term lane closures for deck rehabilitation, joint modifications, membrane and base pavement. Surface paving shall be completed as night work in accordance with the following sheets. See General Notes and Special Provision 105 for additional information.  
  
2. See also Traffic Control Plans.  
  
3. Phases to be coordinated with Fore River, PTRR (Fore River), Portland Connector, Congress Street and Park Avenue work zones to create one continuous work zone.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
IM-1792(910)E		BRIDGE NO. 6295, 6296, 6297	
PIN 17929.10		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND ST. JAMES STREET, PTRR (ST. JOHN) AND ST. JOHN STREET PORTLAND AND CUMBERLAND COUNTY		SHEET NUMBER <b>42</b> OF 111	
BRIDGE PHASING PLAN			
PROJ. MANAGER	CHECKED-DETAILED	DATE	BY
DOE	TRC	12/11	TRC
DESIGN-REVIEWED	DOE	12/11	TRC
DESIGN-DETAILED	DOE	12/11	TRC
REVISIONS 1	DOE	12/11	TRC
REVISIONS 2	DOE	12/11	TRC
REVISIONS 3	DOE	12/11	TRC
REVISIONS 4	DOE	12/11	TRC
FIELD CHANGES	DOE	12/11	TRC
SIGNATURE		P.E. NUMBER	
DATE		DATE	

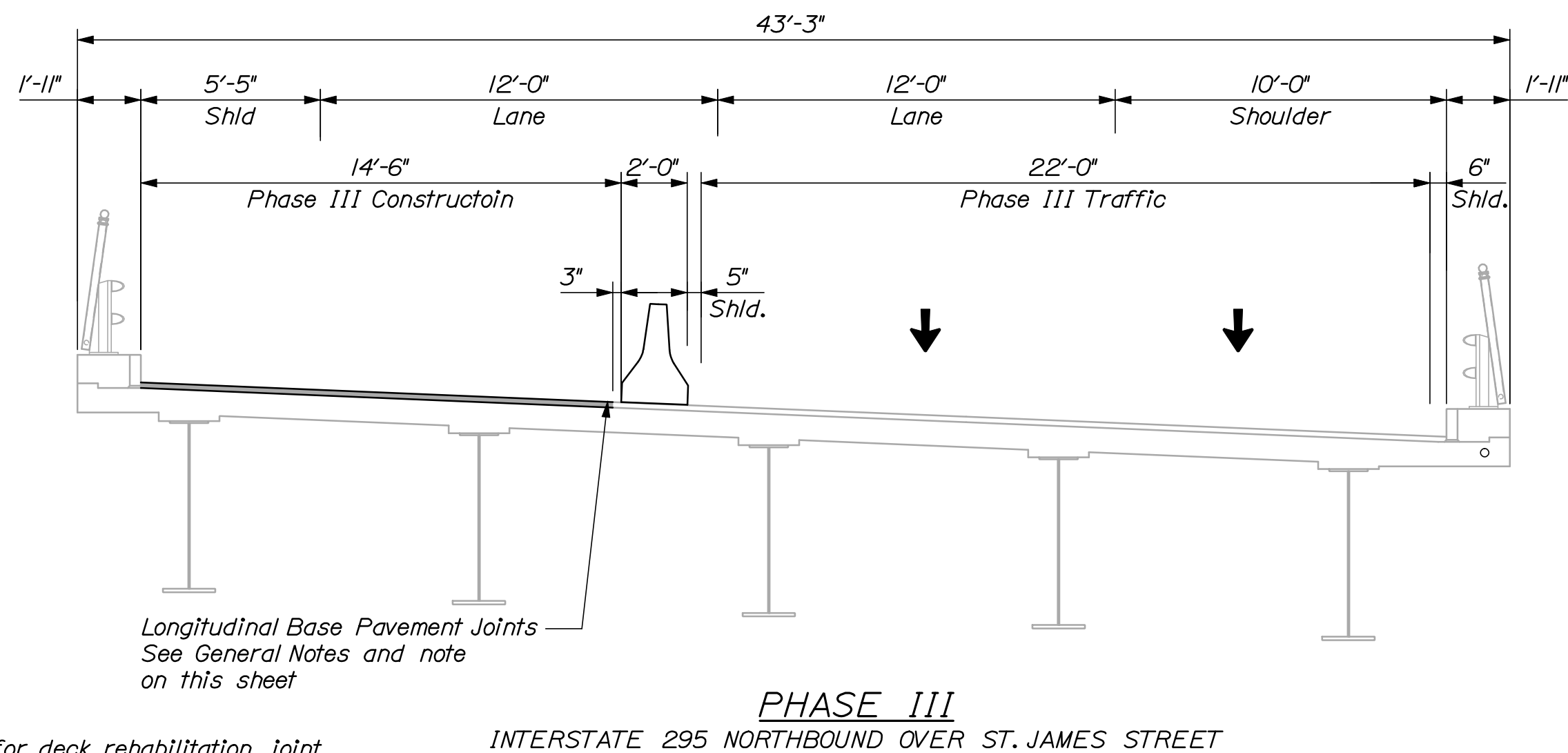
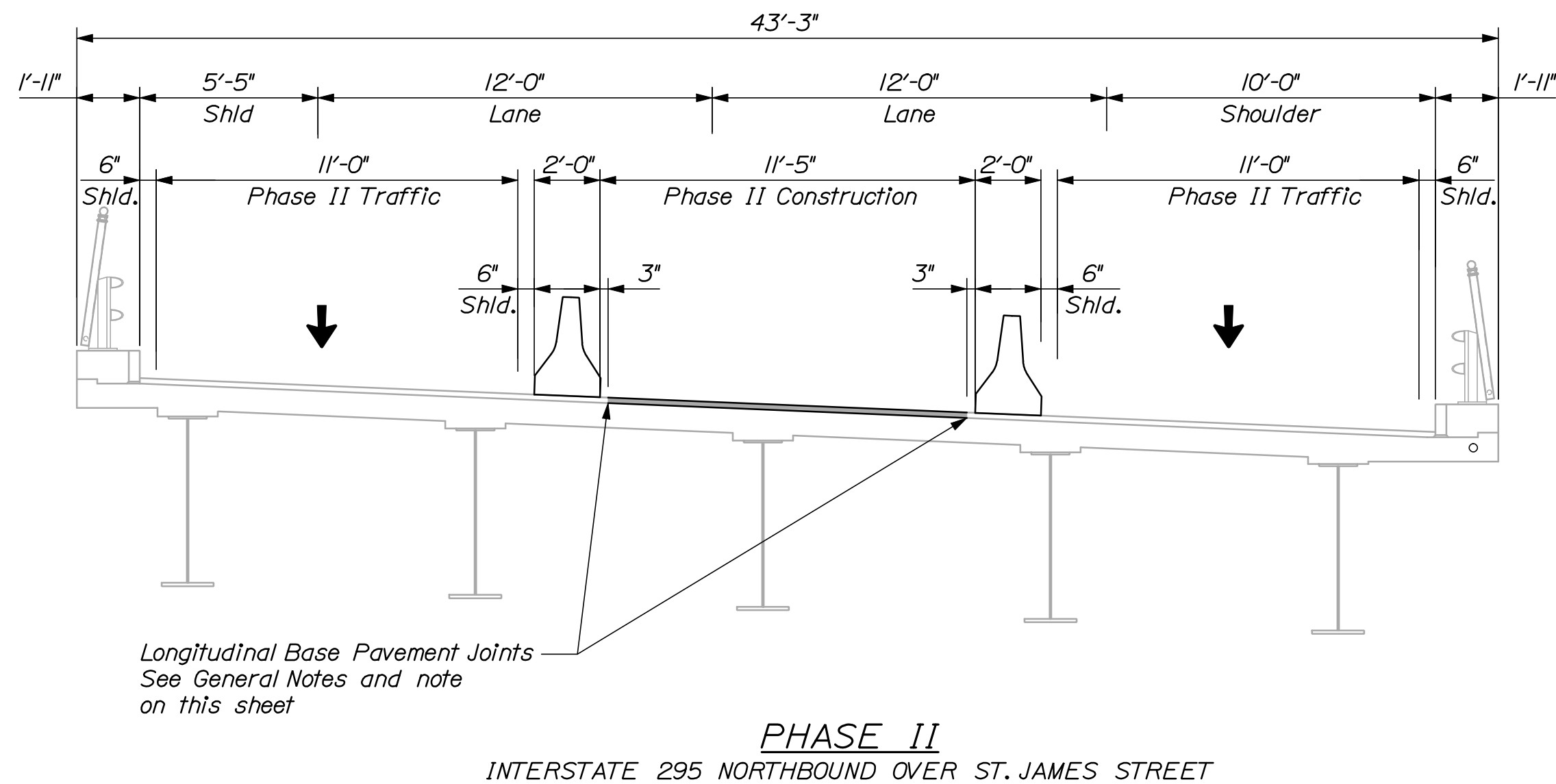
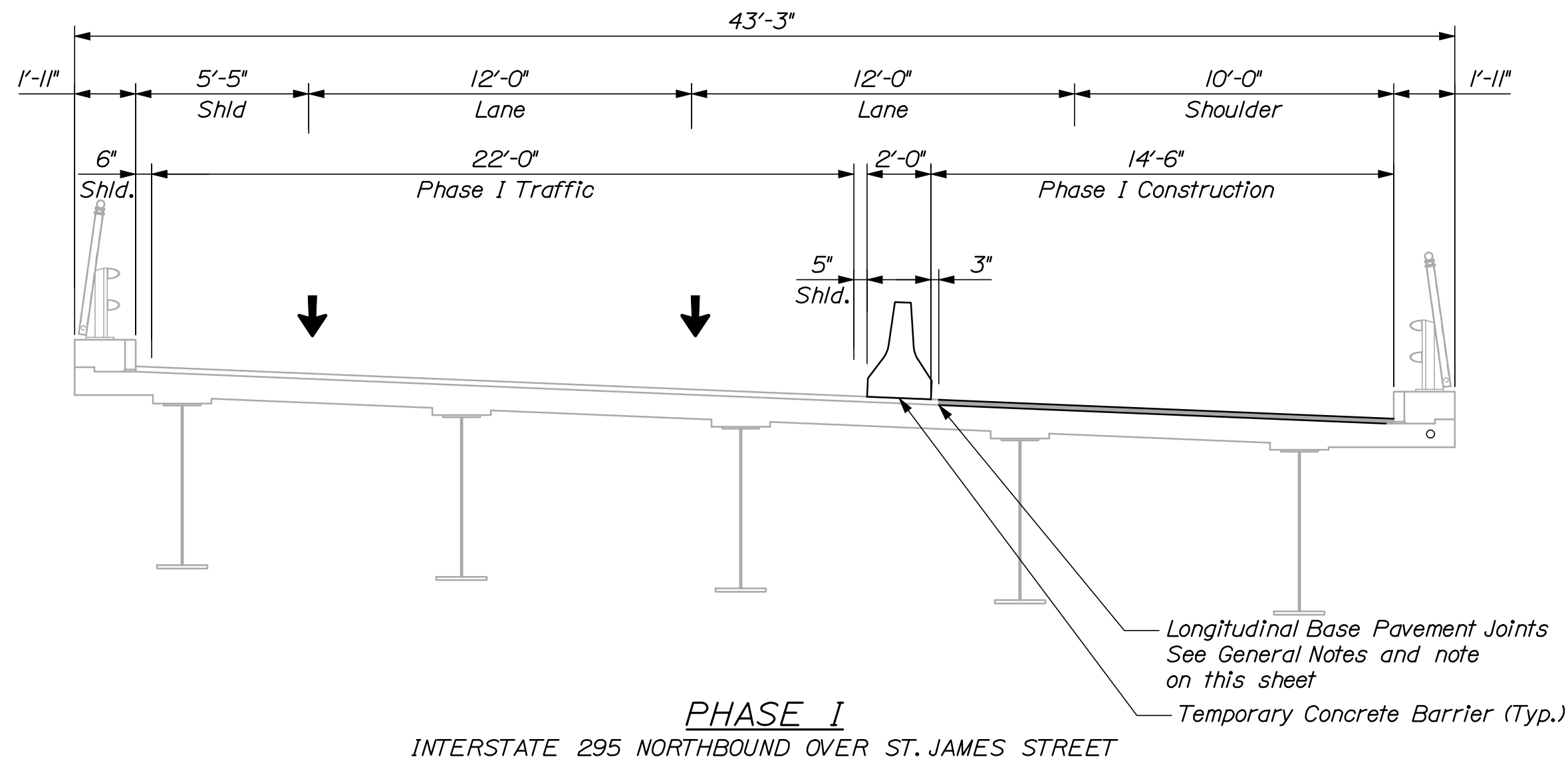


Date:12/21/2011

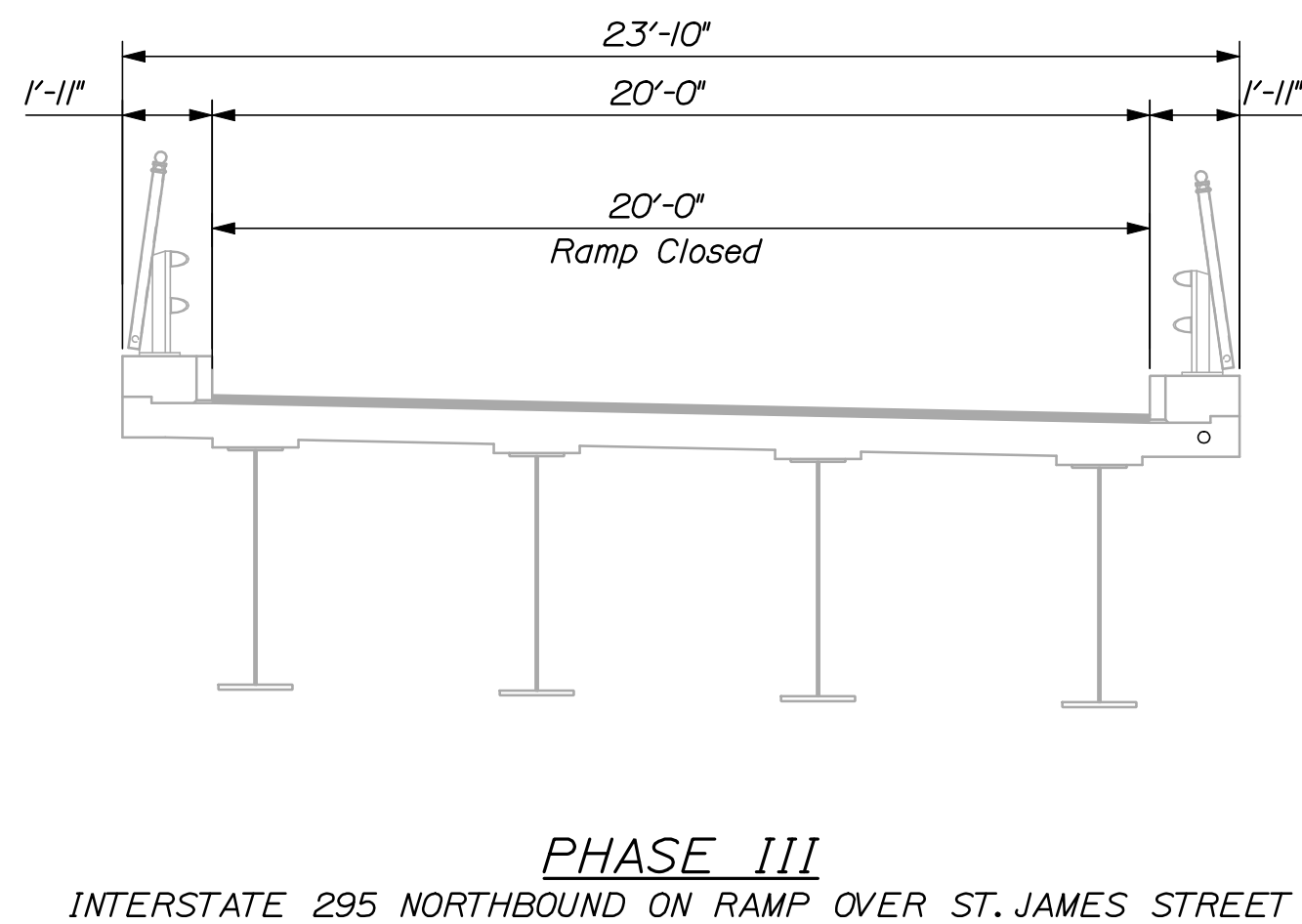
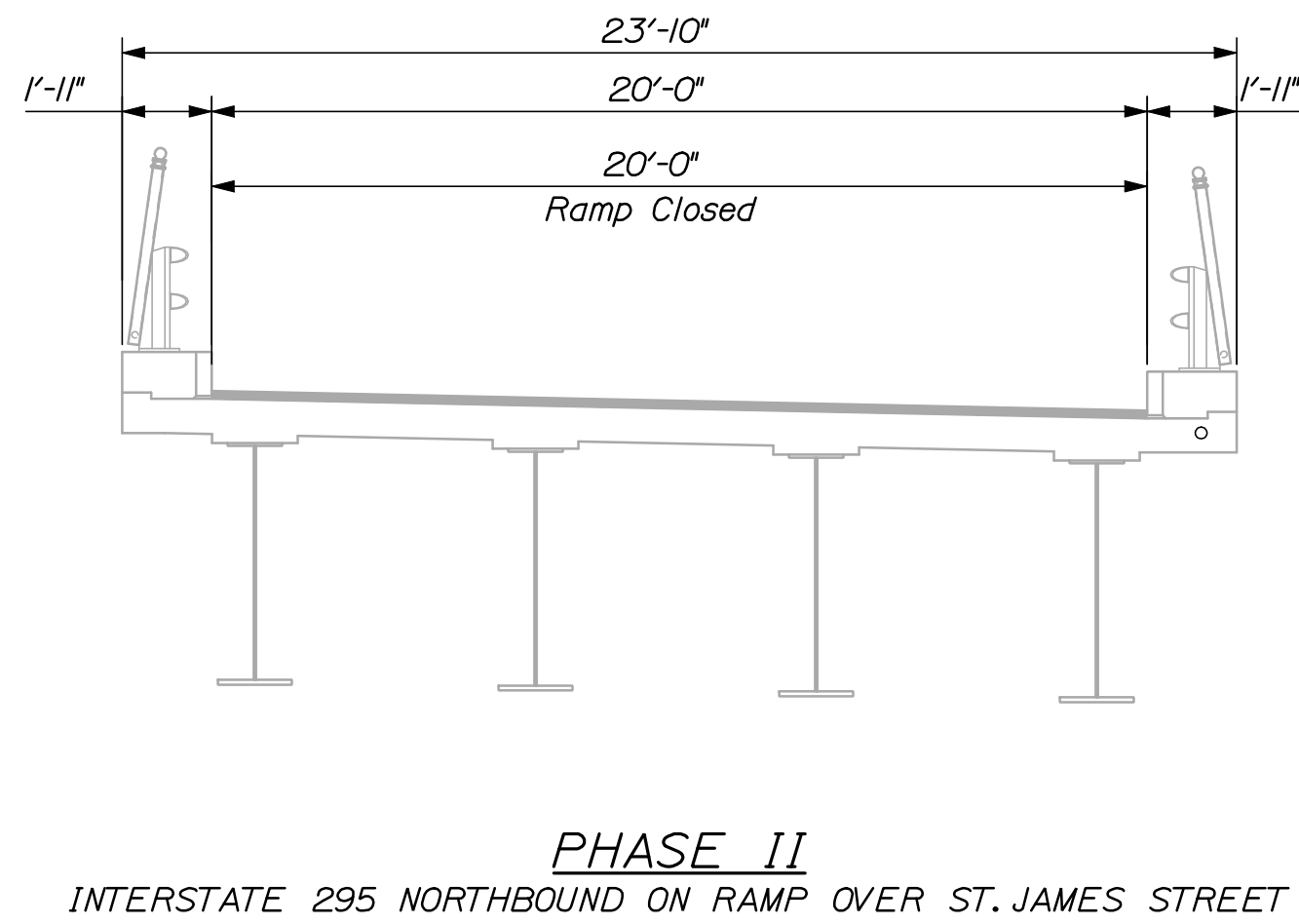
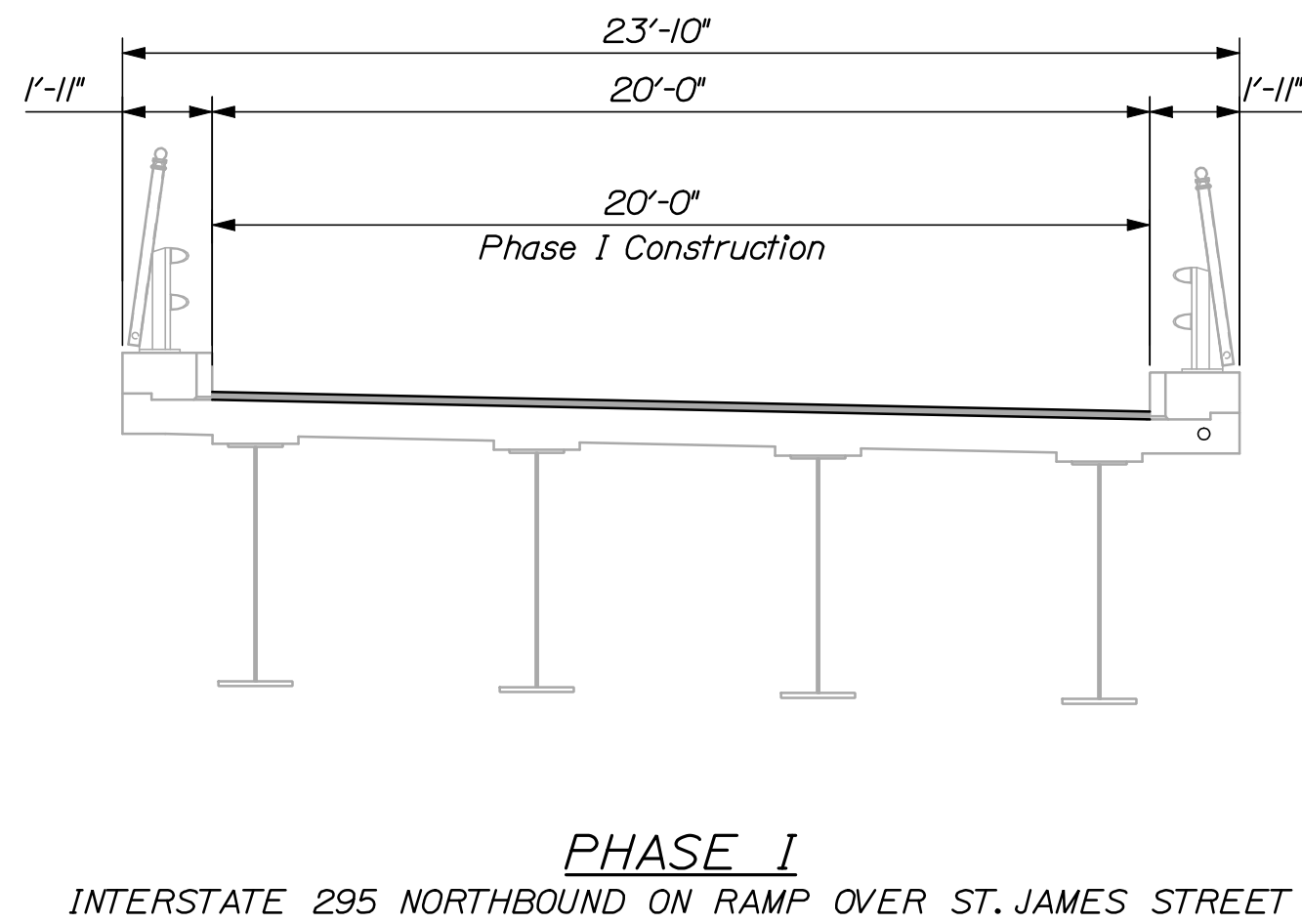
Username: bhavu

Division: BRIDGE

Filename: 043\_PhasingXsec-James.dgn



NOTES:  
1. Phasing shown for deck rehabilitation, joint modifications, 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  <b>IM-1792(910)E</b>						BRIDGE NO. 6295  <b>PIN 17929.10</b>  BRIDGE PLANS



NOTES:

1. Phasing shown for surface paving to be completed as night work.
2. Sections are shown looking upstation.
3. The optional longitudinal pavement joint is shown as a Contractor option. The pavement may be placed full width if the Contractor's equipment permits.

SHEET NUMBER		INTERSTATE 295 NORTHBOUND										PROJ. MANAGER		DOE	BY	DATE			STATE OF MAINE	
44		ST. JAMES STREET																		
OF 111		PORTLAND CUMBERLAND COUNTY										DESIGN-DETAILED		SWH	MPC	12/11	SIGNATURE		DEPARTMENT OF TRANSPORTATION	
												CHECKED-REVIEWED		DOE	TRC	12/11				
												DESIGN2-DETAILED2		-	-	-	P.E. NUMBER		IM-1792(910)E	
												DESIGN3-DETAILED3		-	-	-				
												REVISIONS 1		-	-	-	DATE		BRIDGE NO. 6295	
												REVISIONS 2		-	-	-				
												REVISIONS 3		-	-	-	PIN		17925.10	
												REVISIONS 4		-	-	-				
												FIELD CHANGES		-	-	-	BRIDGE PLANS			
														-	-	-				

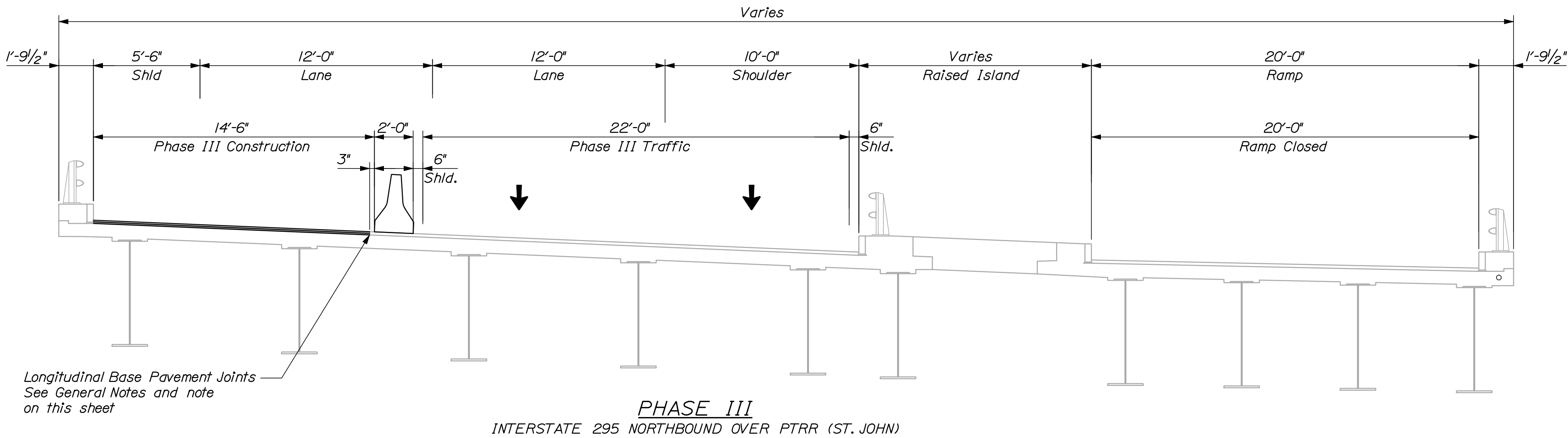
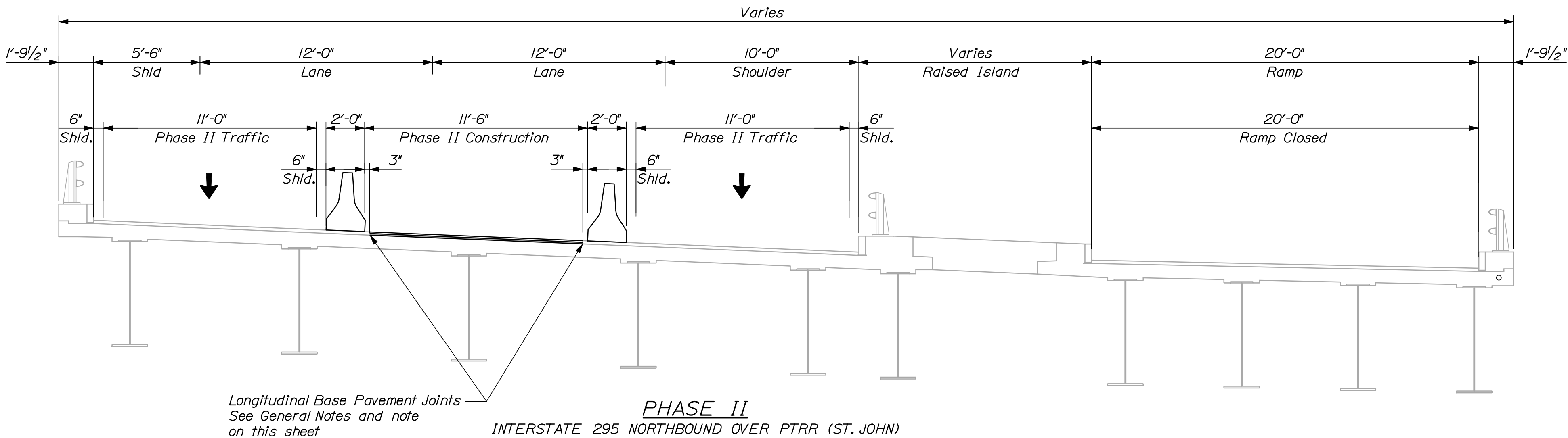
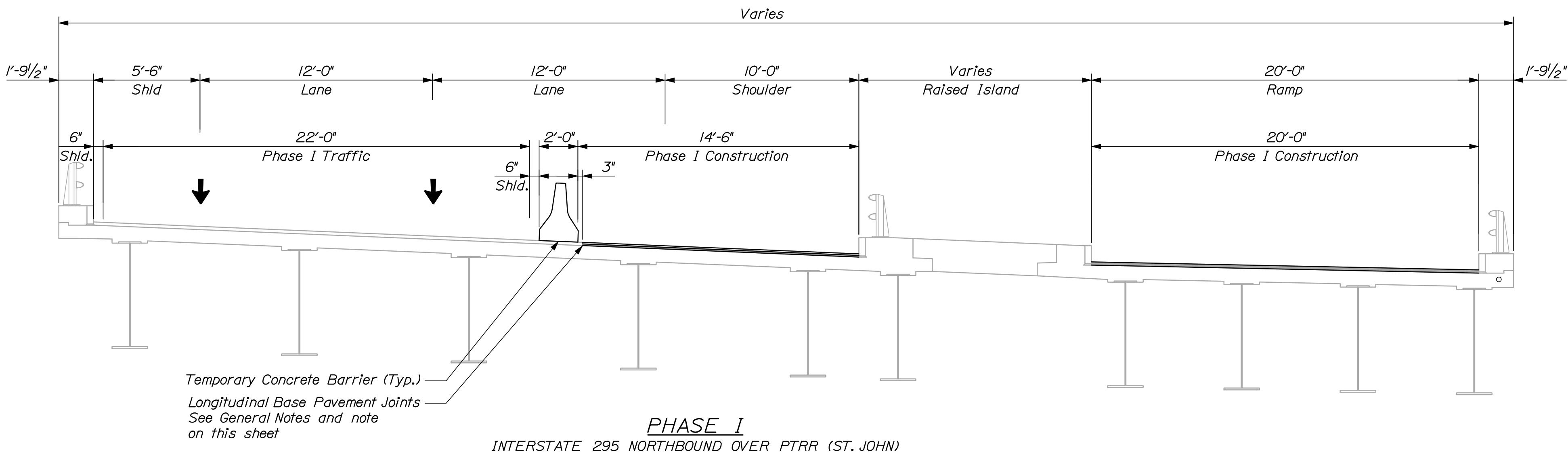


Date:12/21/2011

Username: bhavu

Division: BRIDGE

Filename: 045\_PhasingXsec-PTRR.dgn



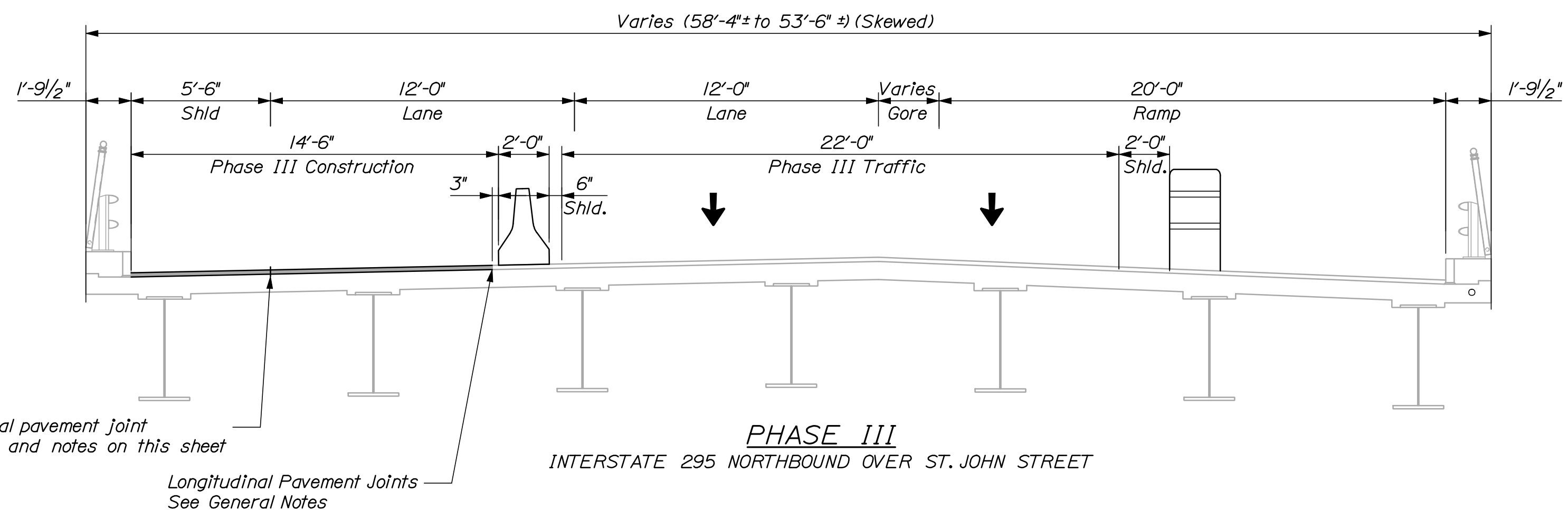
NOTES:  
1. Phasing shown for deck rehabilitation, joint modifications, membrane and base pavement. Surface paving shall be completed as night work. See next sheet.  
2. Sections are shown looking upstation.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION  <b>IM-1792(910)E</b>					
	BRIDGE NO. 6296				
	PIN <b>17929.10</b>				
	BRIDGE PLANS				



<div> <div>46</div> <div>OF 111</div> </div>	SHEET NUMBER				<div>INTERSTATE 295 NORTHBOUND</div> <div>PTRR (ST. JOHN)</div> <div>PORTLAND CUMBERLAND COUNTY</div> <div>BRIDGE PHASING</div> <div>TYPICAL SECTION</div>				<div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>IM-1792(910)E</div> <div>BRIDGE NO. 6296</div> <div>PIN 17929.10</div> <div>BRIDGE PLANS</div>			
	PROJ. MANAGER		DOE	BY	DATE	SIGNATURE						
	DESIGN-DETAILED		RWH	TRC	12/11							
	CHECKED-REVIEWED		DOE	TRC	12/11							
	DESIGN-DETAILED2		-	-	-							
	DESIGN-DETAILED3		-	-	-							
	REVISIONS 1		-	-	-	P.E. NUMBER						
	REVISIONS 2		-	-	-							
	REVISIONS 3		-	-	-							
	REVISIONS 4		-	-	-							
FIELD CHANGES		-	-	-	DATE							

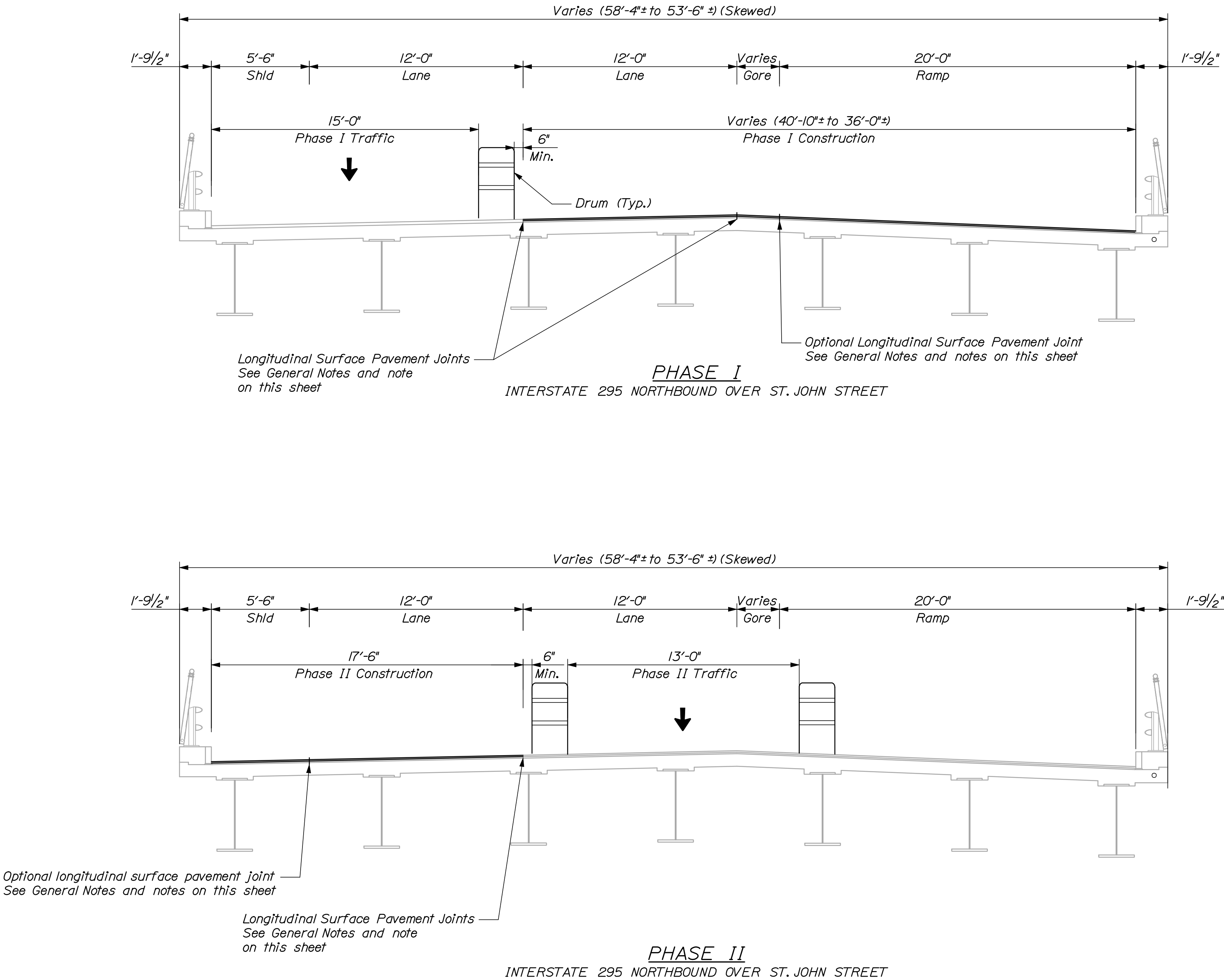




3. The optional longitudinal pavement joint is shown as a Contractor option. The pavement may be placed full width if the Contractor's equipment permits.

*Longitudinal Pavement Joints*  
*See General Notes*

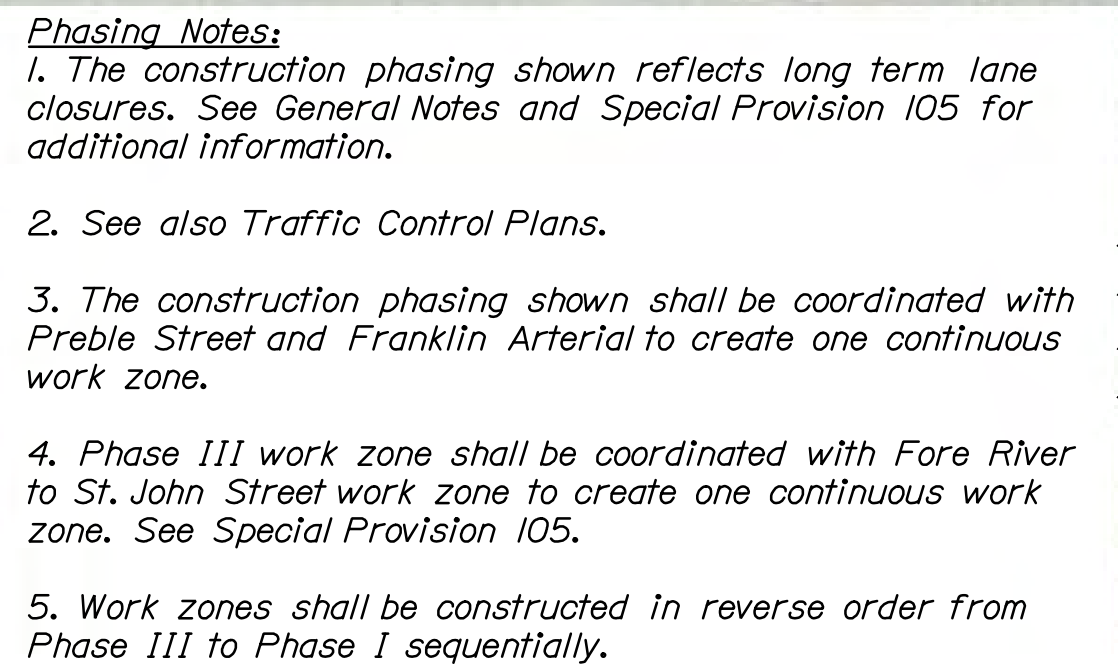
SHEET NUMBER		INTERSTATE 295 NORTHBOUND										STATE OF MAINE			
		ST. JOHN STREET													
47		PORTLAND CUMBERLAND COUNTY										DEPARTMENT OF TRANSPORTATION			
		BRIDGE PHASING													
OF 111		TYPICAL SECTION										IM-1792(910)E			
		PROJ. MANAGER				DGE		BY		DATE		BRIDGE NO. 6297 PIN 17929.10 BRIDGE PLANS			
		DESIGN-DETAILED				RWH		MFC		12/11					
		CHECKED-REVIEWED				DGE		TRC		12/11					
		DESIGN2-DETAILED2				-		-		SIGNATURE					
		DESIGN3-DETAILED3				-		-		P.E. NUMBER					
		REVISIONS 1				-		-		-					
		REVISIONS 2				-		-		-		DATE			
		REVISIONS 3				-		-		-					
		REVISIONS 4				-		-		-					
		FIELD CHANGES				-		-		-					



**NOTES:**  
1. Phasing shown for surface paving to be completed as night work.  
2. Sections are shown looking upstation.  
3. The optional longitudinal pavement joint is shown as a Contractor option. The pavement may be placed full width if the Contractor's equipment permits.

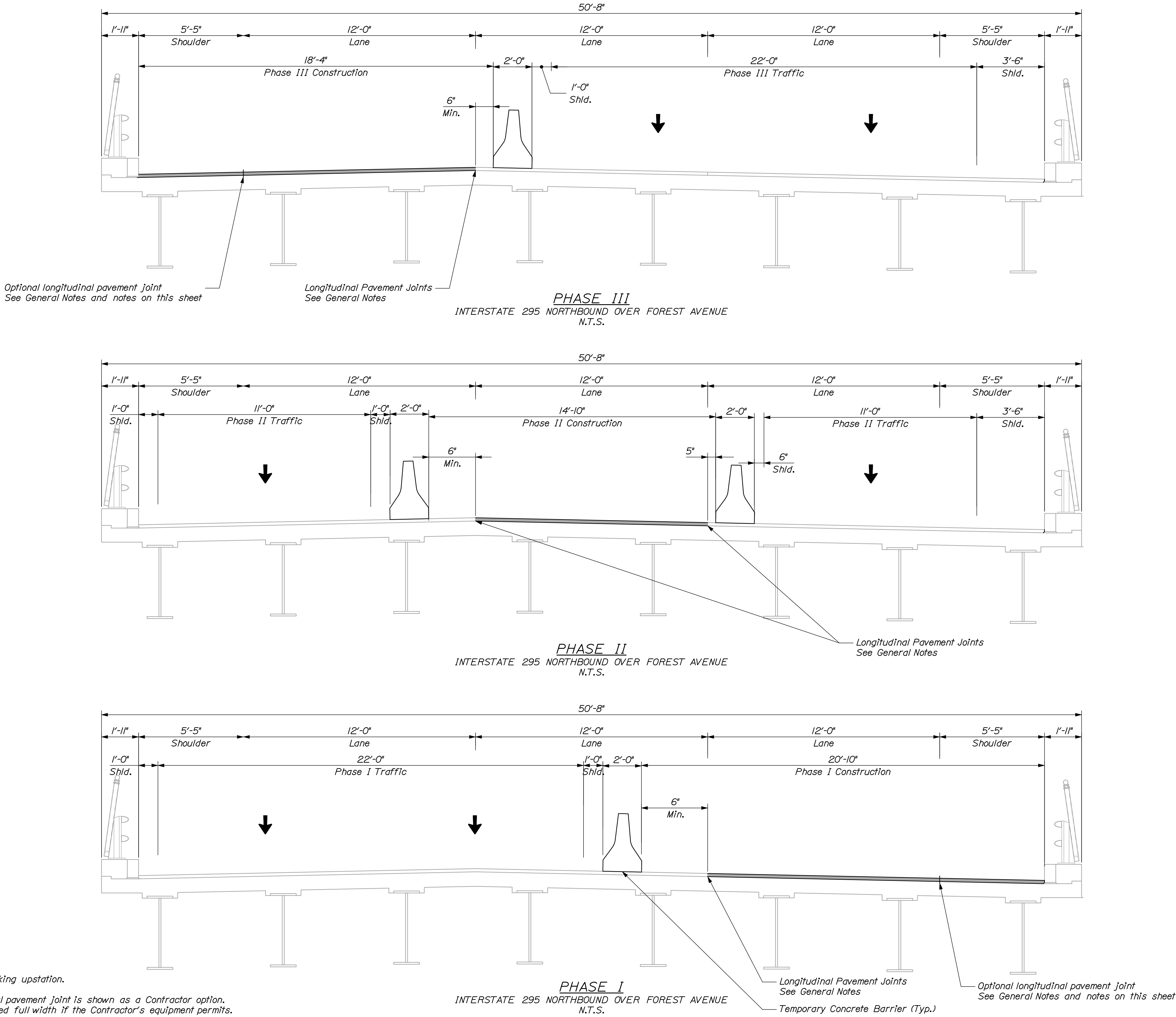
<div> <div>INTERSTATE 295 NORTHBOUND</div> <div>ST. JOHN STREET</div> <div>PORTLAND CUMBERLAND COUNTY</div> <div>BRIDGE PHASING</div> <div>TYPICAL SECTION</div> </div>	<div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div>		<div>IM-1792(910)E</div>		<div>BRIDGE NO. 6296</div> <div>PIN 17929.10</div> <div>BRIDGE PLANS</div>
	PROJ. MANAGER	DOE	BY	DATE	
	DESIGN-DETAILED	RWH	MPC	12/11	
	CHECKED-REVIEWED	DOE	TFC	12/11	SIGNATURE
	DESIGN-DETAILED	-	-	-	P.E. NUMBER
	REVISIONS 1	-	-	-	DATE
	REVISIONS 2	-	-	-	
	REVISIONS 3	-	-	-	
	REVISIONS 4	-	-	-	
SHEET NUMBER					
48					
OF 111					





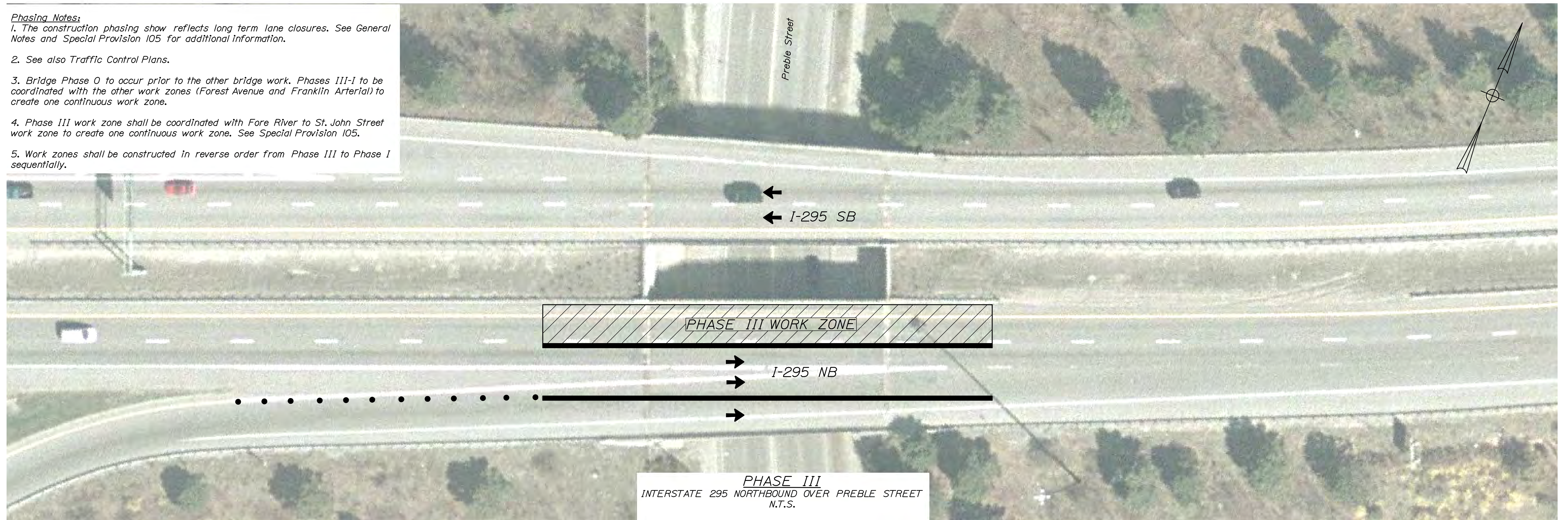
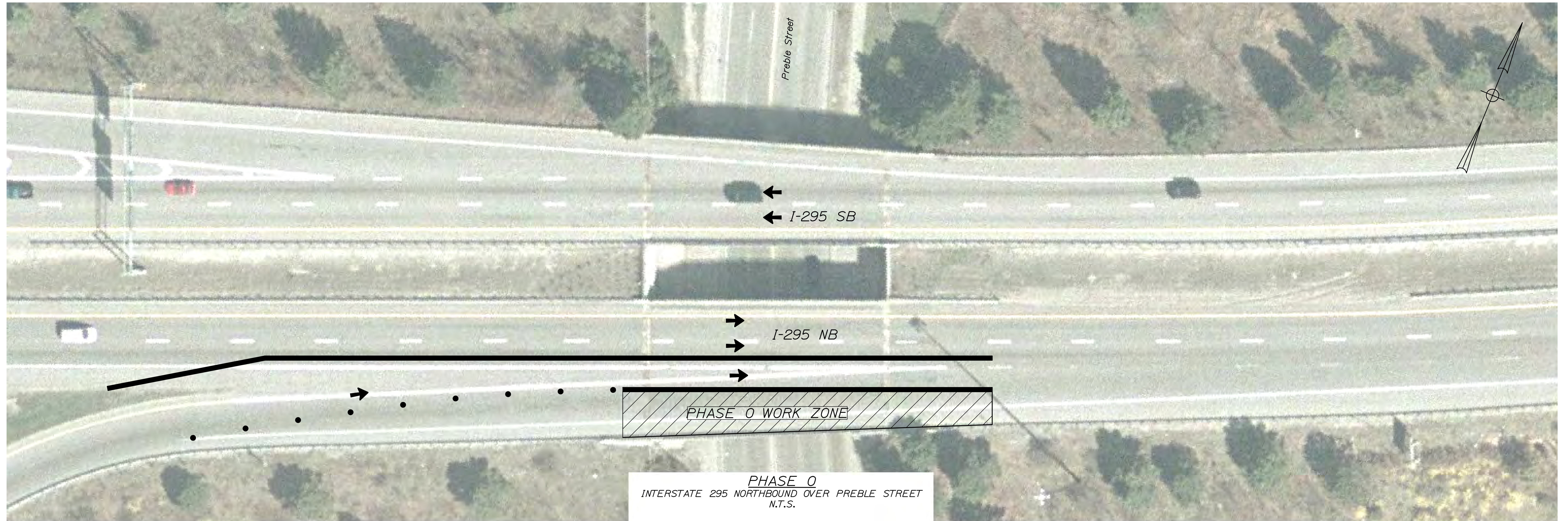
<div> <div>49</div> <div>OF 111</div> </div> <div>SHEET NUMBER</div>	<div> <div>INTERSTATE 295 NORTHBOUND</div> <div>FOREST AVENUE</div> <div>PORTLAND CUMBERLAND COUNTY</div> <div>BRIDGE PHASING</div> <div>PLAN</div> </div>	PROJ. MANAGER	DCE	BY	DATE
		DESIGN-DETAILED	RWH	MPG	12/11
		CHECKED-REVIEWED	DCE	TRC	12/11
		DESIGN2-DETAILED2	-	-	-
		DESIGN3-DETAILED3	-	-	-
		REVISIONS 1	-	-	-
		REVISIONS 2	-	-	-
		REVISIONS 3	-	-	-
		REVISIONS 4	-	-	-
		FIELD CHANGES	-	-	-
<div> <div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>IM-1792(910)E</div> <div>BRIDGE NO. 6298</div> <div>PIN 17929.10</div> <div>BRIDGE PLANS</div> </div>					



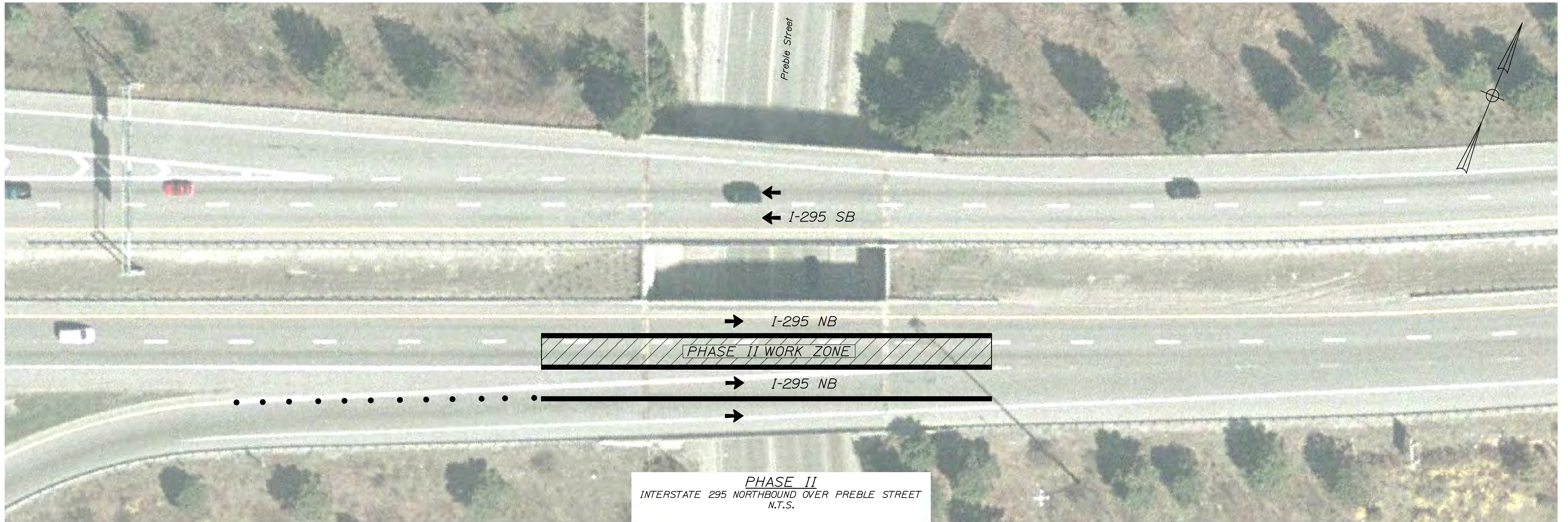


INTERSTATE 295 NORTHBOUND										STATE OF MAINE	
FOREST AVENUE										DEPARTMENT OF TRANSPORTATION	
PORTLAND CUMBERLAND COUNTY										IM-1792(910)E	
BRIDGE PHASING											
TYPICAL SECTION											
SHEET NUMBER										BRIDGE NO. 6298	
50										PIN	
OF 111										17929.10	
										BRIDGE PLANS	
PROJ. MANAGER				DOE	BY	DATE	SIGNATURE				
DESIGN-DETAILED				RWH	MPC	12/11					
CHECKED-REVIEWED				DOE	TRC	12/11					
DESIGN2-DETAILED2				-	-	-					
DESIGN3-DETAILED3				-	-	-	P.E. NUMBER				
REVISIONS 1				-	-	-					
REVISIONS 2				-	-	-					
REVISIONS 3				-	-	-					
REVISIONS 4				-	-	-	DATE				
FIELD CHANGES				-	-	-					

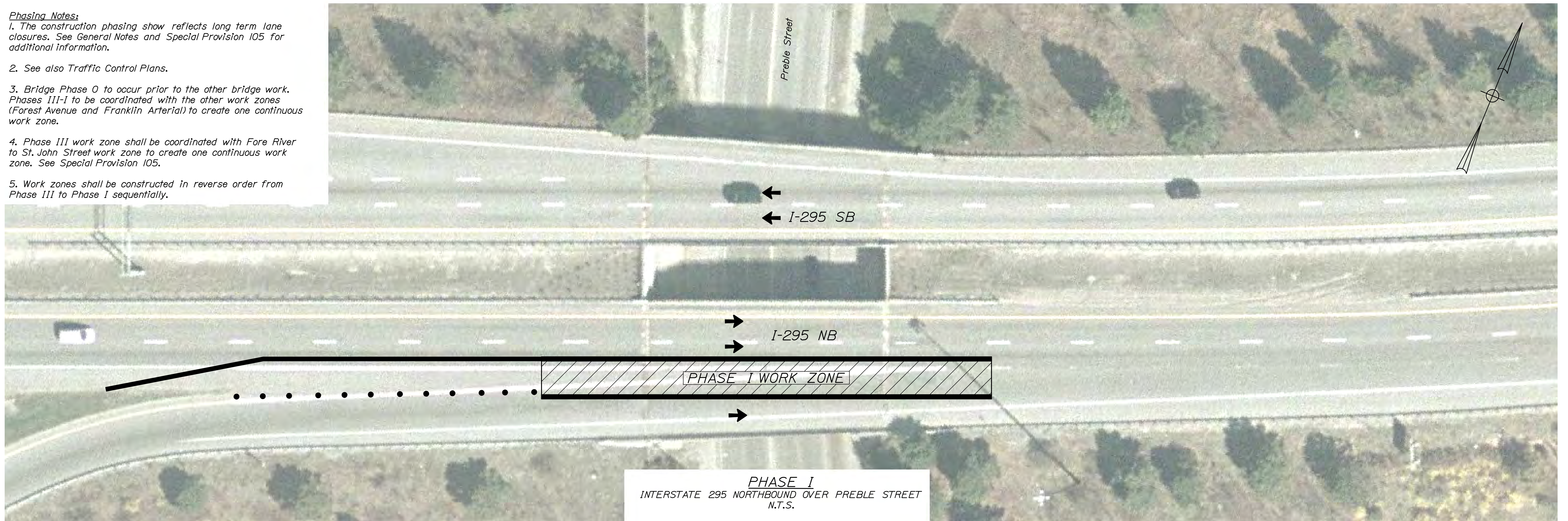


[illegible]





1. The construction phasing show reflects long term lane closures. See General Notes and Special Provision 105 for additional information.
2. See also Traffic Control Plans.
3. Bridge Phase 0 to occur prior to the other bridge work. Phases III-I to be coordinated with the other work zones (Forest Avenue and Franklin Arterial) to create one continuous work zone.
4. Phase III work zone shall be coordinated with Fore River to St. John Street work zone to create one continuous work zone. See Special Provision 105.
5. Work zones shall be constructed in reverse order from Phase III to Phase I sequentially.



<div>52</div> <div>OF 111</div>		SHEET NUMBER	INTERSTATE 295 NORTHBOUND PREBLE STREET PORTLAND CUMBERLAND COUNTY BRIDGE PHASING PLAN	PROJ. MANAGER				DSE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION  IM-1792(910)E  BRIDGE NO. 6299 PIN 17929.10 BRIDGE PLANS
				DESIGN-DETAILED			RWI	MPC	12/11		
				CHECKED-REVIEWED			DSE	TRC	12/11		
				DESIGN-DETAILED2			-	-	SIGNATURE		
				DESIGN-DETAILED3			-	-	P.E. NUMBER		
				REVISED 1			-	-	-		
				REVISED 2			-	-	-		
				REVISED 3			-	-	-		
				REVISED 4			-	-	DATE		
				FIELD CHANGES			-	-	-		





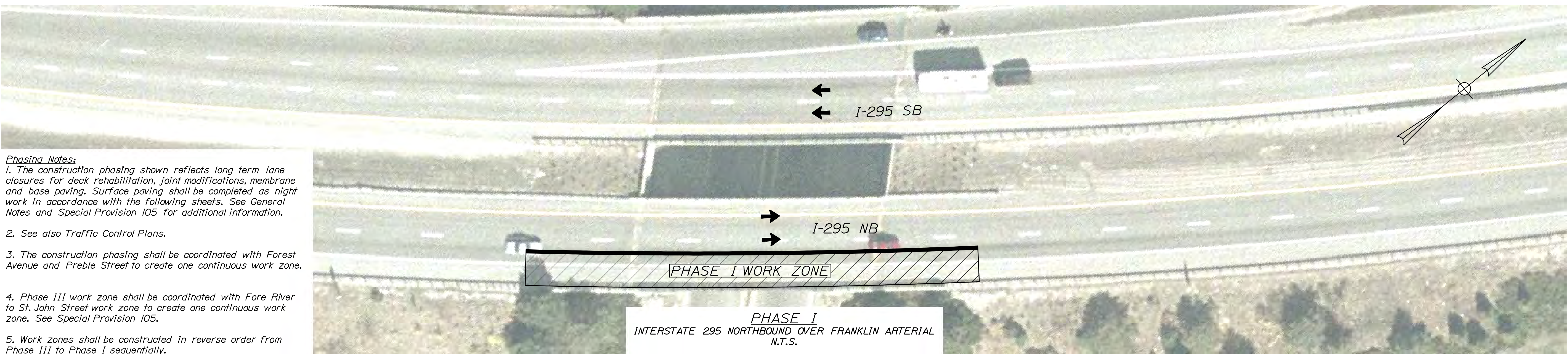
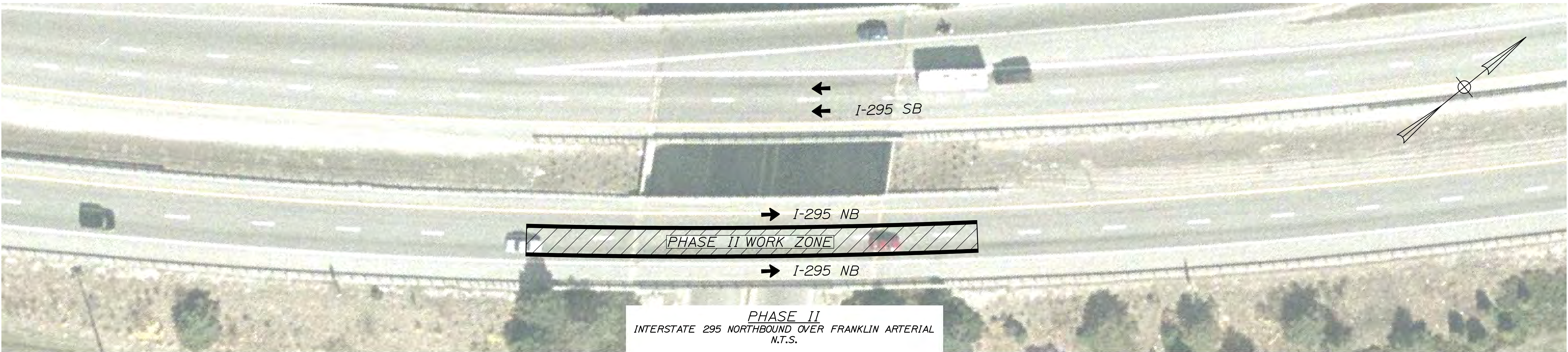
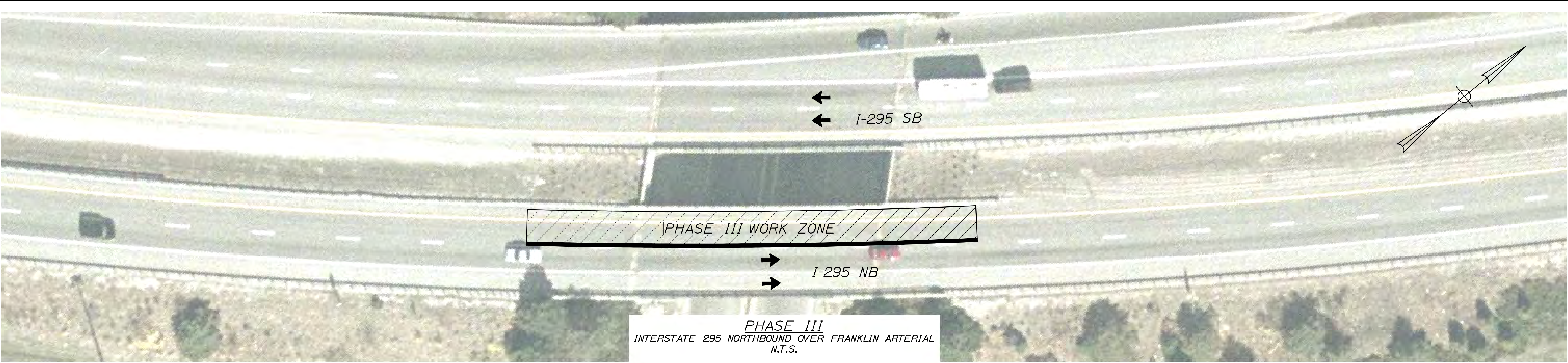
**NOTES:**

1. Sections are shown looking upstation.
2. Bridge Phase 0 to occur prior to the other bridge work. Phases III-I to be coordinated with the other work zones (Forest Avenue and Franklin Arterial).
3. The optional longitudinal pavement joint is shown as a Contractor option. The pavement may be placed full width if the Contractor's equipment permits.
4. Work zones shall be constructed in reverse order from Phase III to Phase I sequentially.

53 OF 111		SHEET NUMBER	INTERSTATE 295 NORTHBOUND PREBLE STREET PORTLAND CUMBERLAND COUNTY BRIDGE PHASING TYPICAL SECTION					PROJ. MANAGER	DSE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION  IM-1792(910)E  BRIDGE NO. 6298 PIN 17929.10 BRIDGE PLANS
			DESIGN-DETAILED	BWH	MPC	12/11						
				CHECKED-REVIEWED	DSE	TTC	12/11	SIGNATURE				
				DESIGN2-DETAILED2	-	-	-					
				DESIGN3-DETAILED3	-	-	-	P.E. NUMBER				
				REVISIONS 1	-	-	-					
				REVISIONS 2	-	-	-					
				REVISIONS 3	-	-	-					
				REVISIONS 4	-	-	-	DATE				
				FIELD CHANGES	-	-	-					







**Phasing Notes:**  
1. The construction phasing shown reflects long term lane closures for deck rehabilitation, joint modifications, membrane and base paving. Surface paving shall be completed as night work in accordance with the following sheets. See General Notes and Special Provision 105 for additional information.  
2. See also Traffic Control Plans.  
3. The construction phasing shall be coordinated with Forest Avenue and Preble Street to create one continuous work zone.  
4. Phase III work zone shall be coordinated with Fore River to St. John Street work zone to create one continuous work zone. See Special Provision 105.  
5. Work zones shall be constructed in reverse order from Phase III to Phase I sequentially.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17929.10		BRIDGE NO. 6300		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		FRANKLIN ARTERIAL		CUMBERLAND COUNTY		BRIDGE PHASING		PLAN		SHEET NUMBER	
										55	
										OF 111	
PROJ. MANAGER	DESIGN-DETAILED	BY	DATE	DOE	DATE	SIGNATURE	P.E. NUMBER	DATE	FIELD CHANGES		
CHECKED-REVIEWED	RWH	MPC	12/11	TRC	12/11						
DESIGN-DETAILED											
REVISIONS 1											
REVISIONS 2											
REVISIONS 3											
REVISIONS 4											



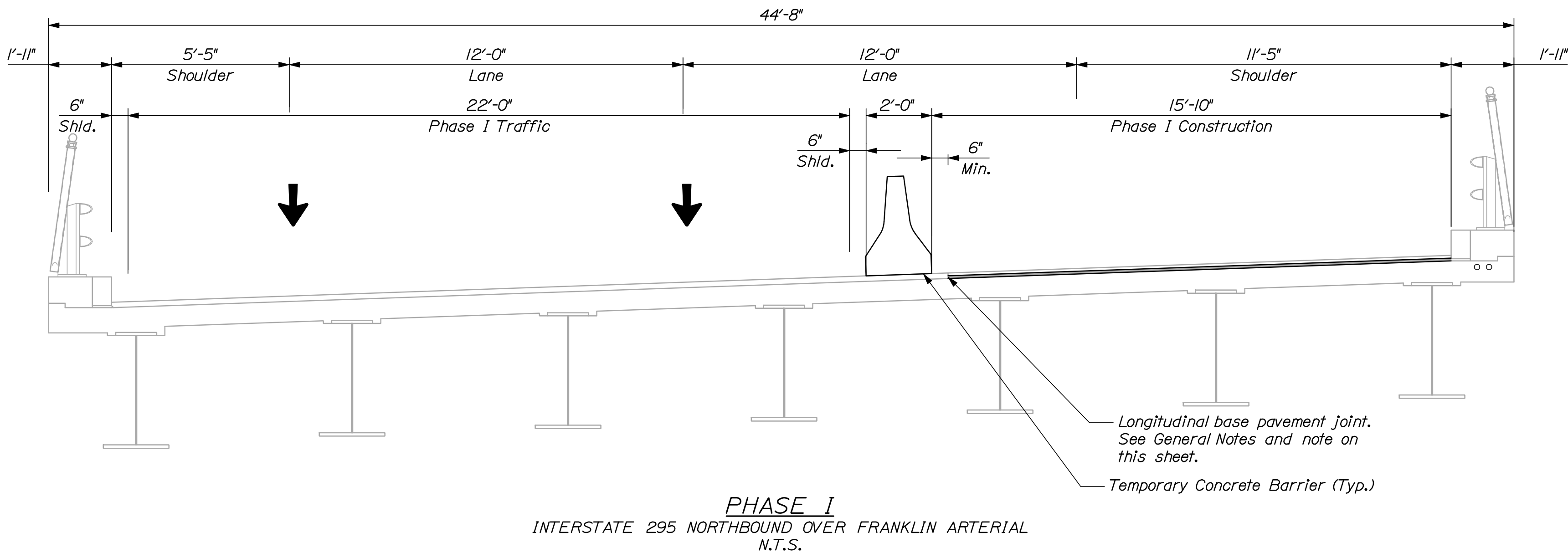
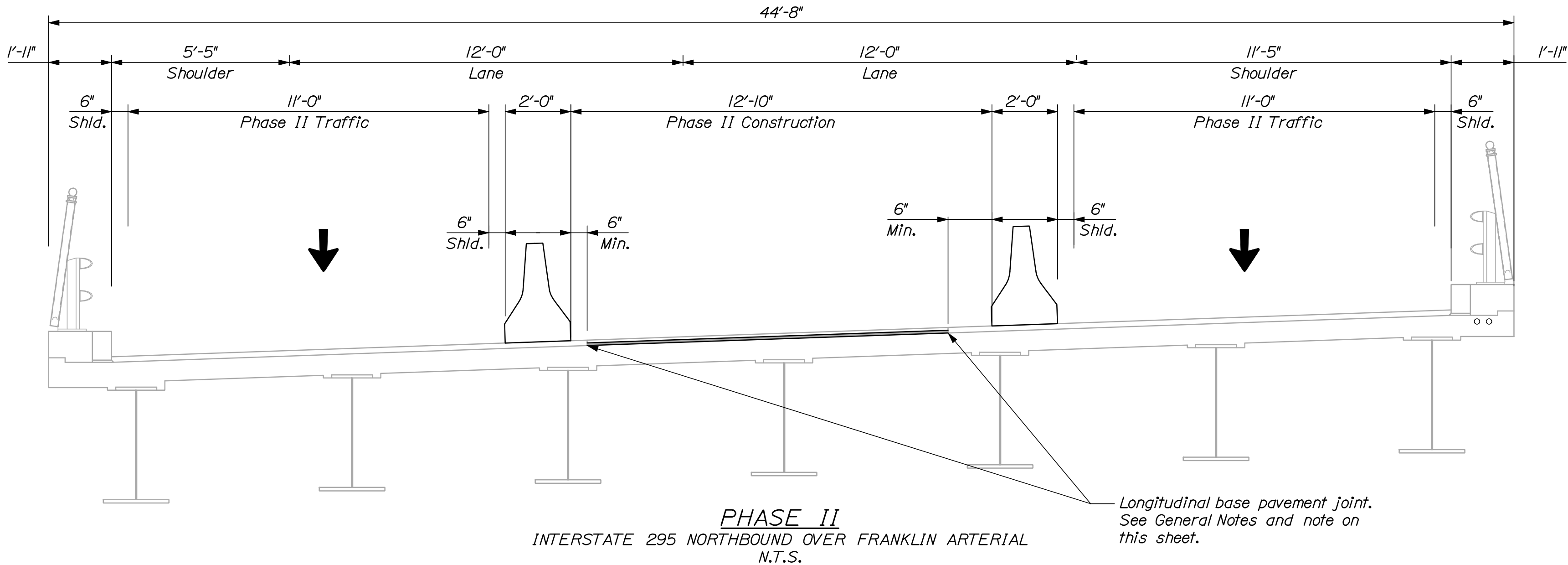
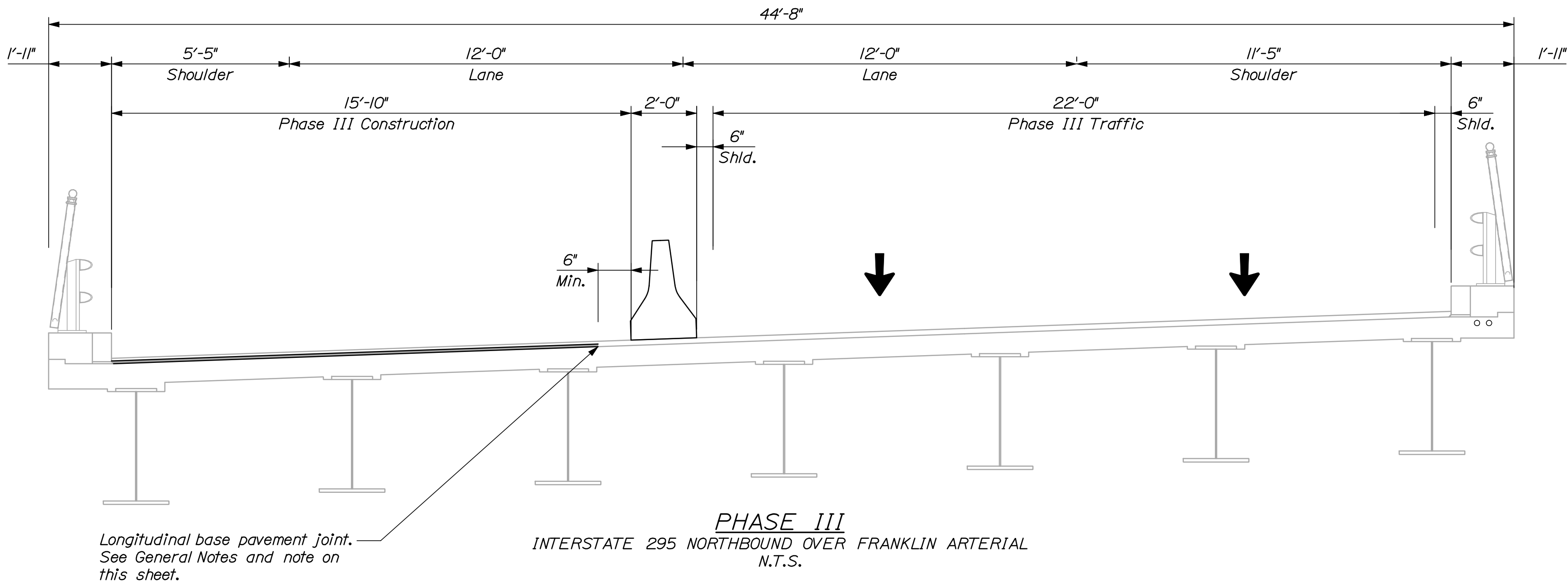
Date:12/21/2011

Username: bhavu

Division: BRIDGE

Filename: 056\_PhasingXsec-Franklin1.dgn

- NOTES:**
1. Phasing shown for deck rehabilitation, joint modifications, membrane and base pavement. Surface paving shall be completed as night work. See next sheet.
  2. Sections are shown looking upstation.
  3. Work zone shall be constructed in reverse order from Phase III to Phase I sequentially.



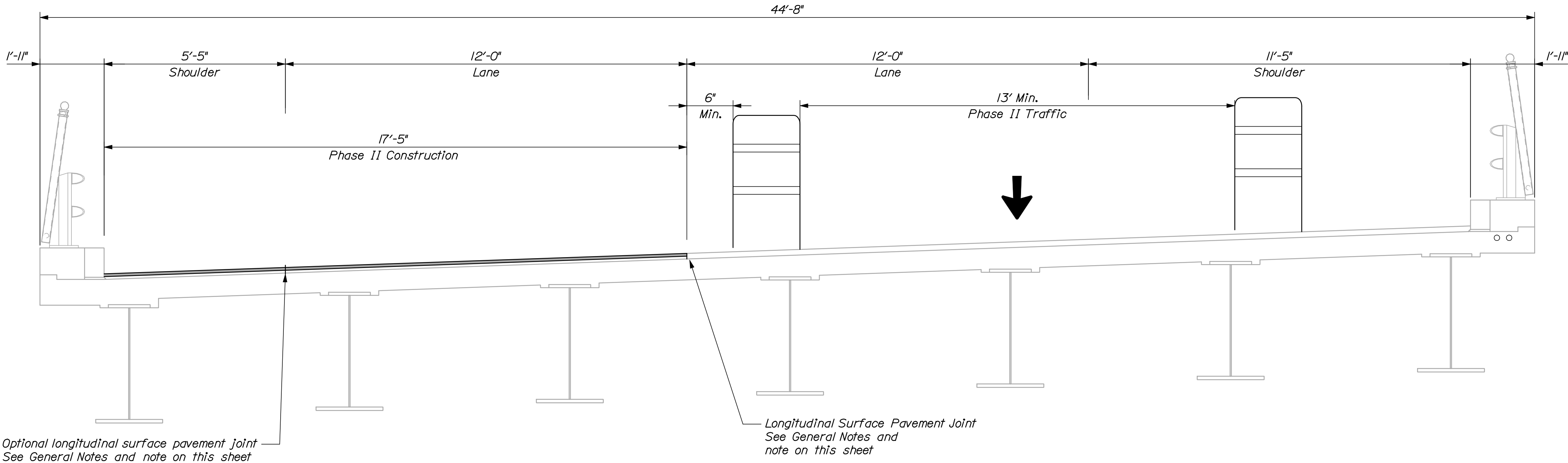
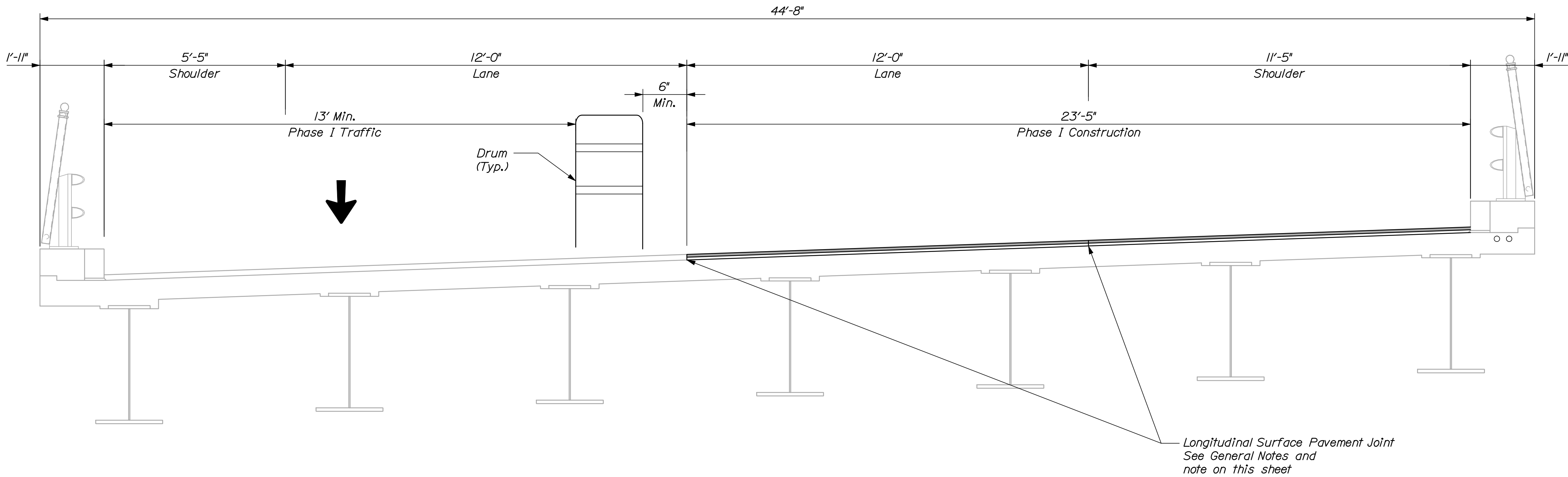
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
IM-1792(910)E
PIN 17929.10
BRIDGE NO. 6300
BRIDGE PLANS

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
			12/11	MPC	12/11			
				TFC				

INTERSTATE 295 NORTHBOUND
FRANKLIN ARTERIAL
CUMBERLAND COUNTY
PORTLAND
BRIDGE PHASING
TYPICAL SECTION

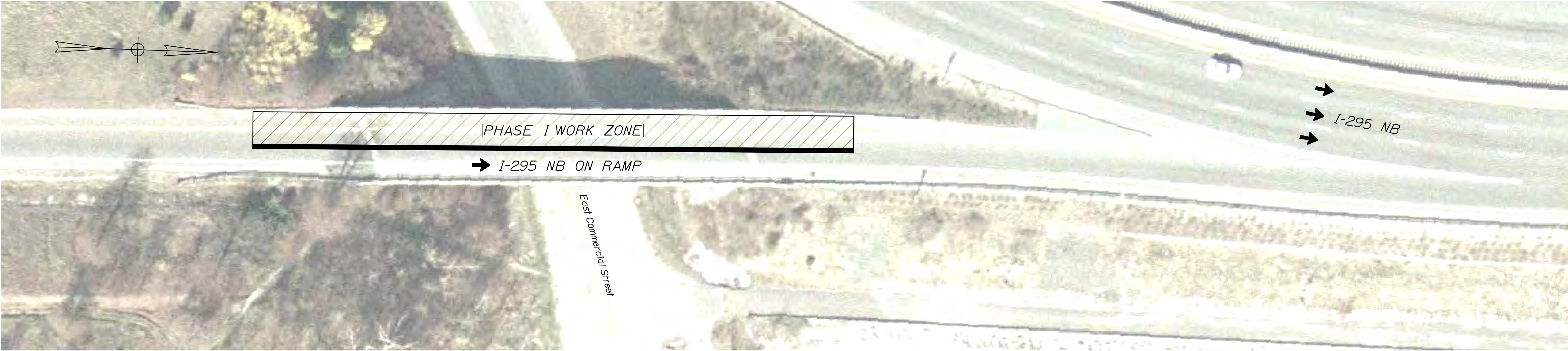
SHEET NUMBER
56
OF 111





- NOTES:**  
 1. Phasing shown for surface paving to be completed as night work.  
 2. Sections are shown looking upstation.  
 3. The optional longitudinal pavement joint is shown as a Contractor option.  
 The pavement may be placed full width if the Contractor's equipment permits.

INTERSTATE 295 NORTHBOUND FRANKLIN ARTERIAL PORTLAND CUMBERLAND COUNTY BRIDGE PHASING TYPICAL SECTION	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
	IM-1792(910)E			
	BRIDGE NO. 6300 PIN 17929.10 BRIDGE PLANS			
SHEET NUMBER 57 OF 111	PROJ. MANAGER	DATE	BY	SIGNATURE
	DESIGN-DETAILED CHECKED-REVIEWED DESIGNS-DETAILED REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES	12/11 12/11 - - - - - -	MPC TRC - - - - - -	P.E. NUMBER DATE



PHASE I  
WASHINGTON AVENUE NORTHBOUND ON RAMP OVER EAST COMMERCIAL STREET  
N.T.S.



PHASE II  
WASHINGTON AVENUE NORTHBOUND ON RAMP OVER EAST COMMERCIAL STREET  
N.T.S.

- Phasing Notes:
1. The construction phasing shown reflects long term lane closures for deck rehabilitation, joint modifications, membrane and base paving. Surface paving shall be completed as night work in accordance with the following sheets. See General Notes and Special Provision 105 for additional information.
  2. See also Traffic Control plans.
  3. Night time ramp closure will be required for surface paving.

SHEET NUMBER <div>58</div> <div>OF 111</div>	INTERSTATE 295 NORTHBOUND WASHINGTON AVE. NB ON RAMP PORTLAND CUMBERLAND COUNTY BRIDGE PHASING PLAN				PROJ. MANAGER	DOE	BY	DATE
					DESIGN-DETAILED	RWH	MPC	12/11
					CHECKED-REVIEWED	DOE	TFC	12/11
					DESIGN2-DETAILED2	-	-	-
					DESIGN3-DETAILED3	-	-	-
					REVISIONS 1	-	-	-
					REVISIONS 2	-	-	-
					REVISIONS 3	-	-	-
					REVISIONS 4	-	-	-
					FIELD CHANGES	-	-	-
STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1792(910)E BRIDGE NO. 5915 PIN 17929.10 BRIDGE PLANS								





2. Sections are shown looking upstation.

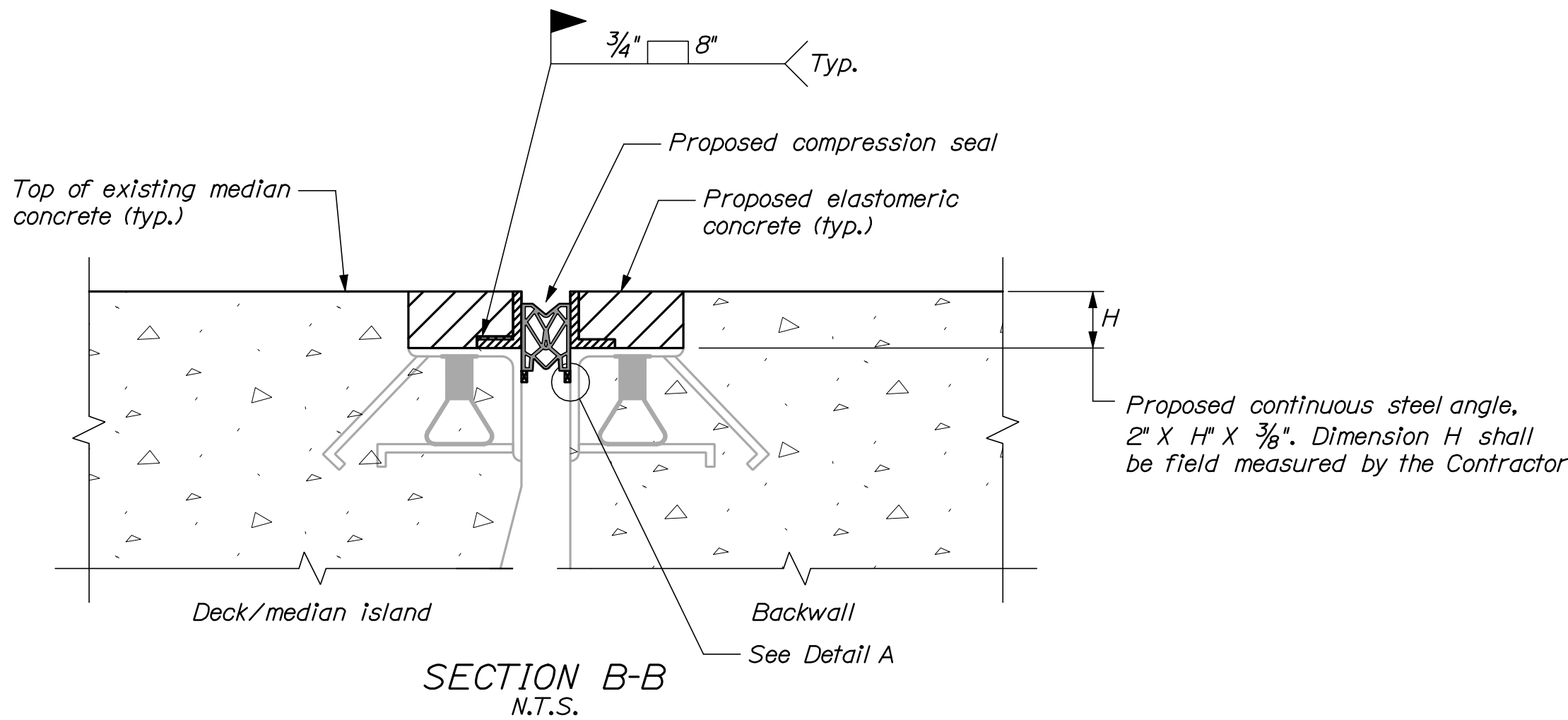
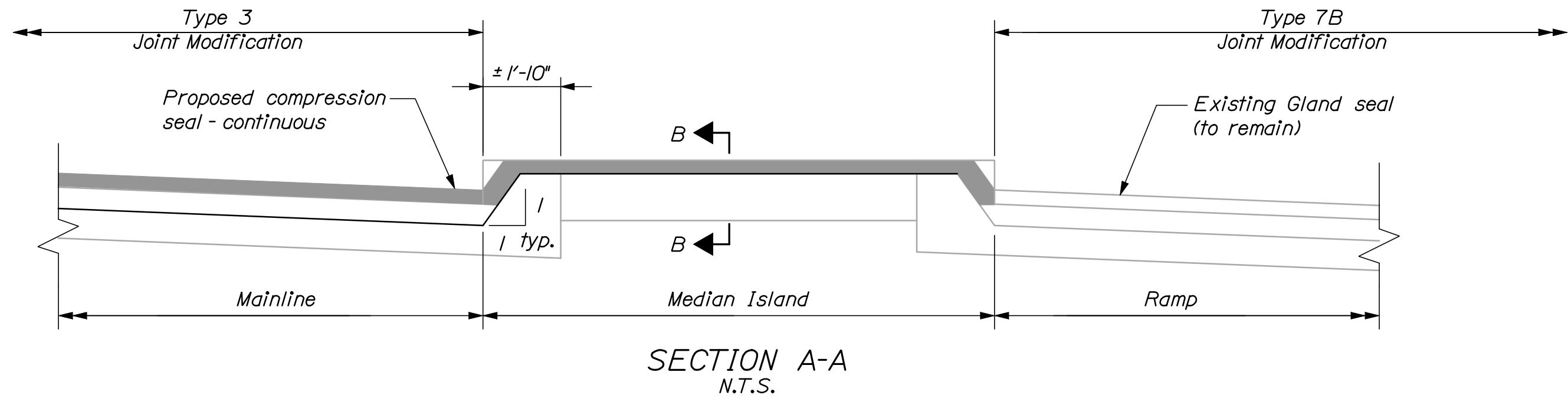
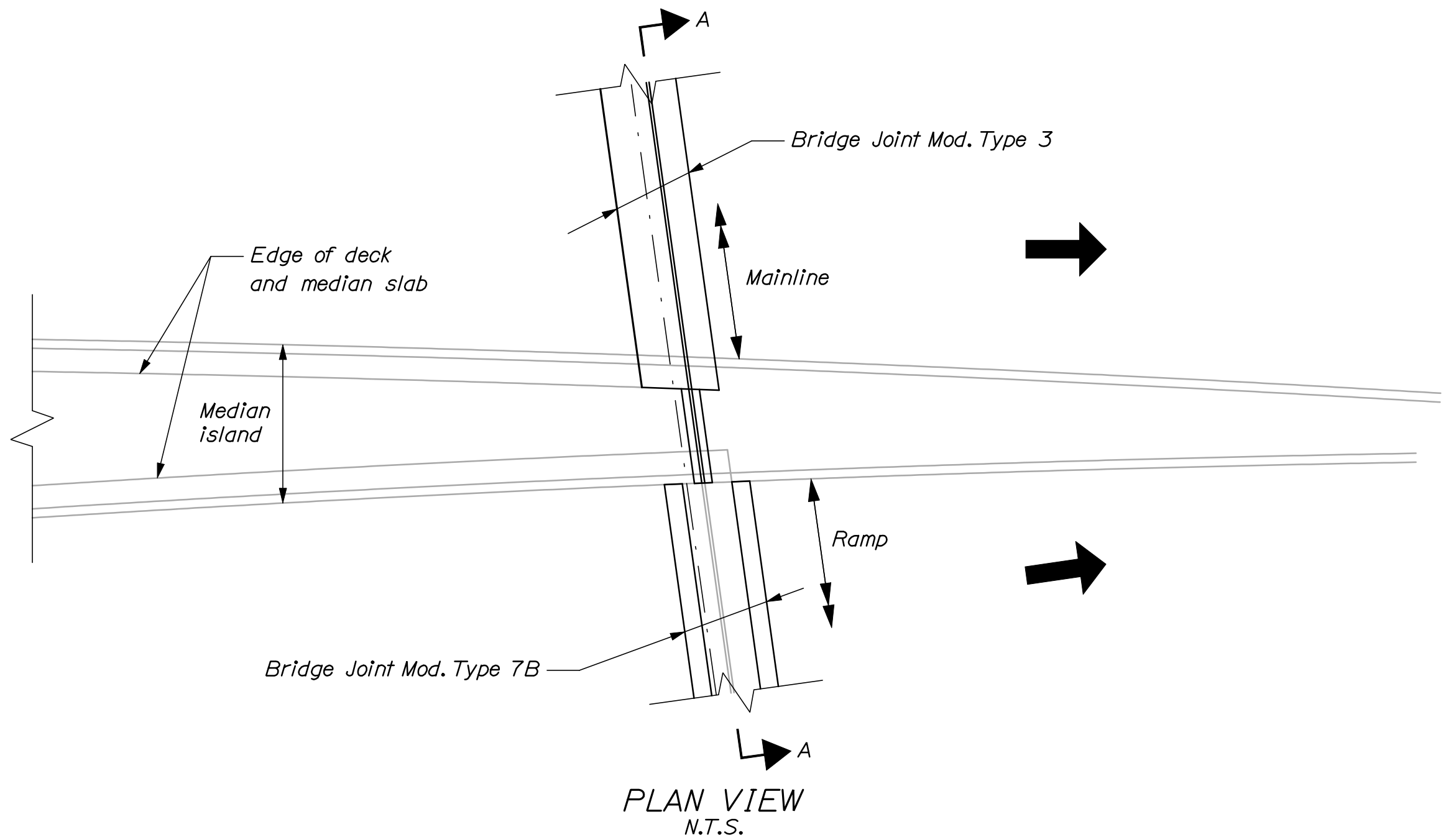
59		SHEET NUMBER		INTERSTATE 295 NORTHBOUND WASHINGTON AVE. NB ON RAMP PORTLAND CUMBERLAND COUNTY BRIDGE PHASING TYPICAL SECTION					STATE OF MAINE DEPARTMENT OF TRANSPORTATION  IM-1792(910)E  BRIDGE NO. 5915 PIN 17929.10 BRIDGE PLANS		
				PROJ. MANAGER		DGE	BY	DATE	SIGNATURE		
				DESIGN-DETAILED		RWH	MPC	12/11			
				CHECKED-REVIEWED		DGE	TRC	12/11			
				DESIGN2-DETAILED2		-	-	-			
				DESIGN3-DETAILED3		-	-	-			
				REVISIONS 1		-	-	-	P.E. NUMBER		
				REVISIONS 2		-	-	-			
				REVISIONS 3		-	-	-			
				REVISIONS 4		-	-	-			
				FIELD CHANGES		-	-	-			
						-	-	-	DATE		
						-	-	-			

Date:12/21/2011

Username: mcurdiff

Division: BRIDGE

Filename: 060\_MiscBridgeDetails.dgn



MEDIAN JOINT DETAILS

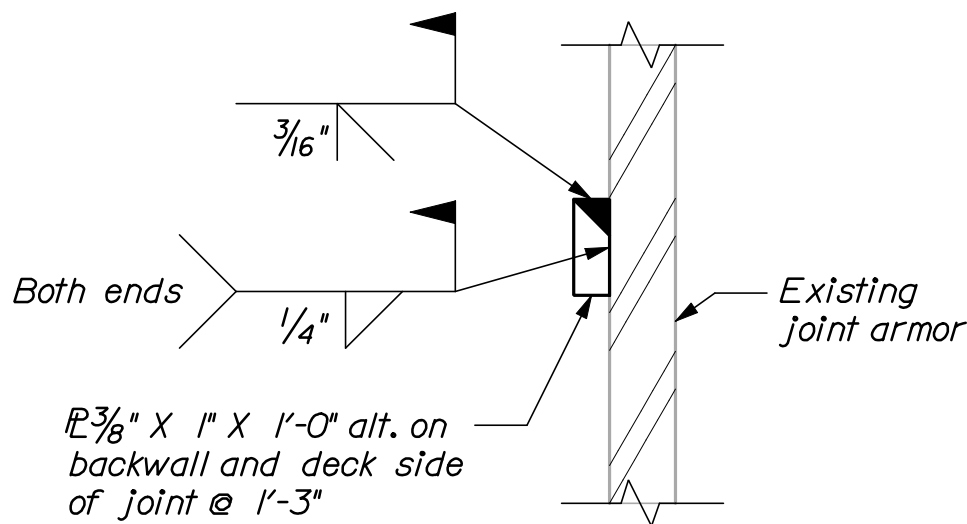
PTRR (St. John) bridge, north abutment only

NOTES:

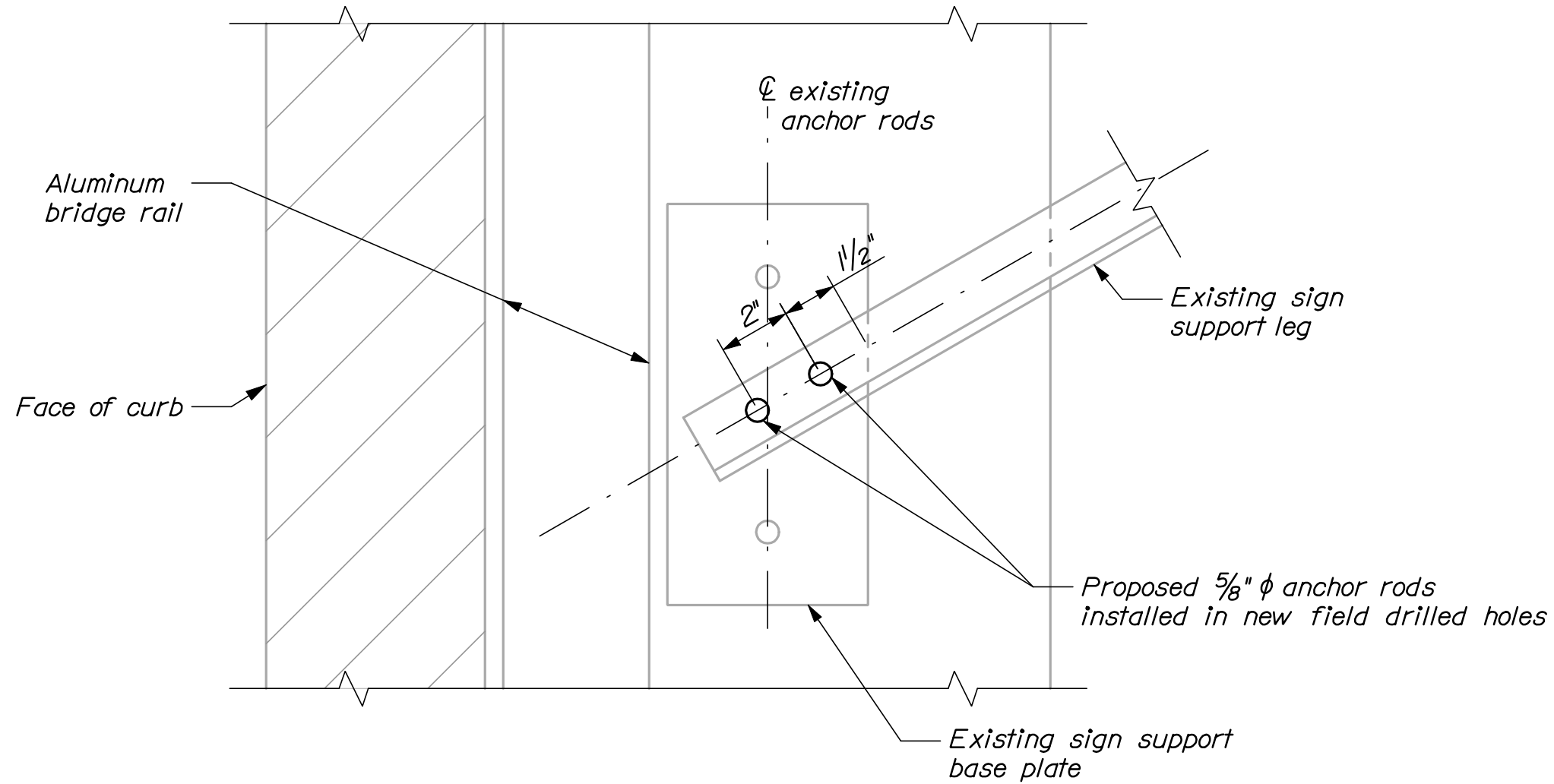
1. Median joint work shall include removal of existing cushion seal and miscellaneous armor, cleaning surface of joint armor to remain, installing new steel angles, elastomeric concrete and compression seal.

2. Keeper bars shall be positioned to allow top of compression seal to sit 1/4" to 1/2" below top of armor. If existing keeper bar does not permit the seal to set at the specified depth, Contractor shall notify the Resident.

3. Median joint work for PTRR (St. John) north abutment shall be incidental to the adjacent Type 3 Joint Modification.



DETAIL A  
6" = 1'-0"



SIGN SUPPORT MODIFICATION DETAIL

(Congress Street and Park Avenue bridge only)  
3" = 1'-0"

NOTES:

1. One sign connection shown, modifications at two sign connections required.

2. Proposed anchor rods shall be drilled and grouted using a material listed on the Maine Department of Transportation listing of qualified chemical anchoring materials. Drilling and anchoring shall be in accordance with manufacturer recommendations. Anchor rods shall be embedded a minimum of 8" into the concrete curb.

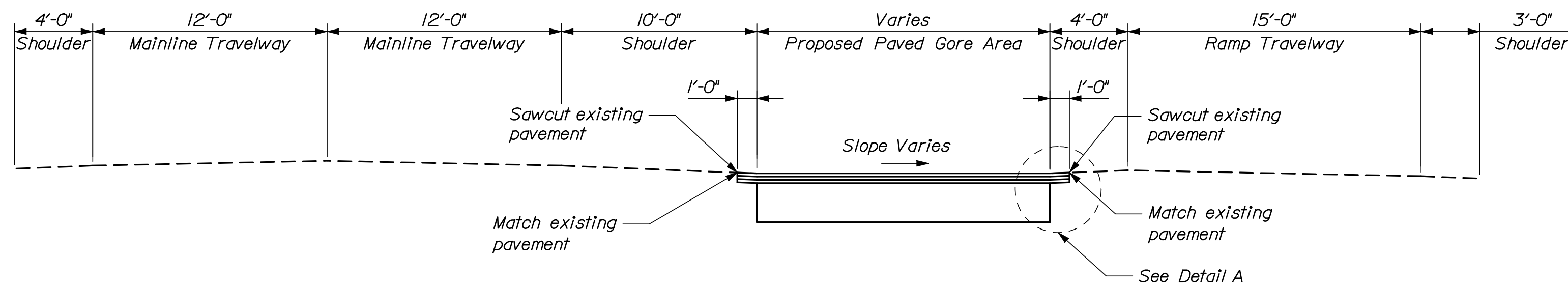
3. All proposed anchor rods shall be 5/8" diameter conforming to ASTM F1554, Grade 55. Anchor rods shall project 2" inches above top of steel.

4. Pack void between existing base plates and top of curb using non-shrink grout. Allow grout to cure prior to tightening anchor bolts.

5. Install washer(s) and hex nuts. Torque nuts to 1/3 turn beyond "snug tight" condition. Double nut new anchors with second hex nut.

SHEET NUMBER		INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY		PROJ. MGR.		DCG	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION  <b>IM-1792(910)E</b>	BRIDGE NO. Varies  <b>PIN 17929.10</b>  BRIDGE PLANS
60  OF 111		MISCELLANEOUS BRIDGE DETAILS		DESIGN-DETAILED		RWH	MPC	12\11		
				CHECKED-REVISED		DCG	TRC	12\11		
				DESIGN2-DETAILED2		-	-	-		
				DESIGN3-DETAILED3		-	-	-	SIGNATURE	
				REVISIONS 1		-	-	-	P.E. NUMBER	
				REVISIONS 2		-	-	-		
				REVISIONS 3		-	-	-		
				REVISIONS 4		-	-	-	DATE	
				FIELD CHANGES		-	-	-		





A cross-sectional diagram of a road shoulder and pavement structure. The diagram shows a road surface on the left, which transitions into a shoulder on the right. The road surface is composed of four layers: a top surface layer, two base layers, and a bottom subbase layer. The shoulder is composed of a single layer of aggregate subbase course. The diagram is labeled with the following components:

- Edge of existing shoulder
- Match existing pavement
- Existing shoulder pavement
- 2" H.M.A. Grading 12.5 Surface
- 2" H.M.A. Grading 12.5 Base
- 2" H.M.A. Grading 12.5 Base
- 24" Aggregate Subbase Course - Gravel

**NOTES:**

1. Payment for all labor, materials and equipment necessary to complete all gore prep work and paving work shall be paid for under item 510.40, Special Detour Approach Pavement. See Special Provision 510.
2. Removal of the gore paving upon completion of the project is not required. Contractor shall final stripe the roadway to reflect existing conditions.
3. A maximum grade change of 6% between existing shoulder cross slopes and proposed paved gore cross slopes are required. Adjust gore cross slopes as necessary. Coordinate work with Resident.

[illegible]



Portland Connector shown (PTRR (Fore River) similar but no longitudinal joint)  
N.T.S.

1. Contractor shall establish survey control and field survey the existing raised island width and location at 25'-0"± intervals so that the proposed island can be reconstructed in the same location. Payment for survey work shall be considered incidental to the raised median island pay items.

2. The highway raised median as shown on the plans shall be removed and paved flush with adjacent pavement prior to Phase I bridge work / traffic control being implemented and reconstructed "in kind" following completion of Phase III traffic control.

3. The heavy shoring specified to be installed below the island at the Portland Connector bridge shall be in place prior to removing the island concrete and shall remain in place until the island has been fully reconstructed.

4. See Special Provision 105 for raised median island limitations of operations.

5. Apply protective coating for concrete surfaces after island construction (typ.)

6. Payment for raised median work shall be under Item 510.41, Special Detour - Median Island Removal and Reconstruction, Bridge and Item 510.42, Special Detour - Median Island Removal and Reconstruction, Highway. See Special Provisions 510.

7. Patch deteriorated deck concrete below island using the appropriate 5/8 pay items.



Limits Of Work  
N.T.S.

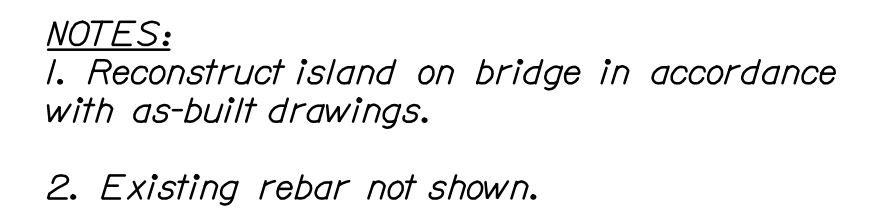


*N.T.S.*

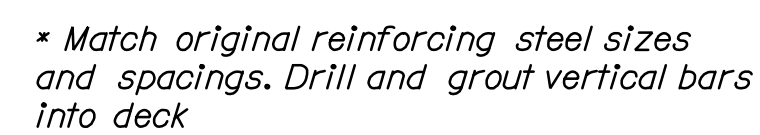
SHEET NUMBER  62A		INTERSTATE 295 NORTHBOUND  S.PORTLAND TO PORTLAND  CUMBERLAND COUNTY		PROJ. MANAGER DESIGN-DETAILED CHECKED-REVISED DESIGN2-DETAILED2 DESIGN3-DETAILED3 REVISIONS 1 REVISIONS 2 REVISIONS 3 REVISIONS 4 FIELD CHANGES		STATE OF MAINE	
						DEPARTMENT OF TRANSPORTATION	
RAISED ISLAND DETAILS		CUMBERLAND COUNTY		SIGNATURE		IM-1792(910)E	
						P.E. NUMBER	
						DATE	
OF 111				BRIDGE NO. Variants		PIN 17929.10	
				BRIDGE PLANS			







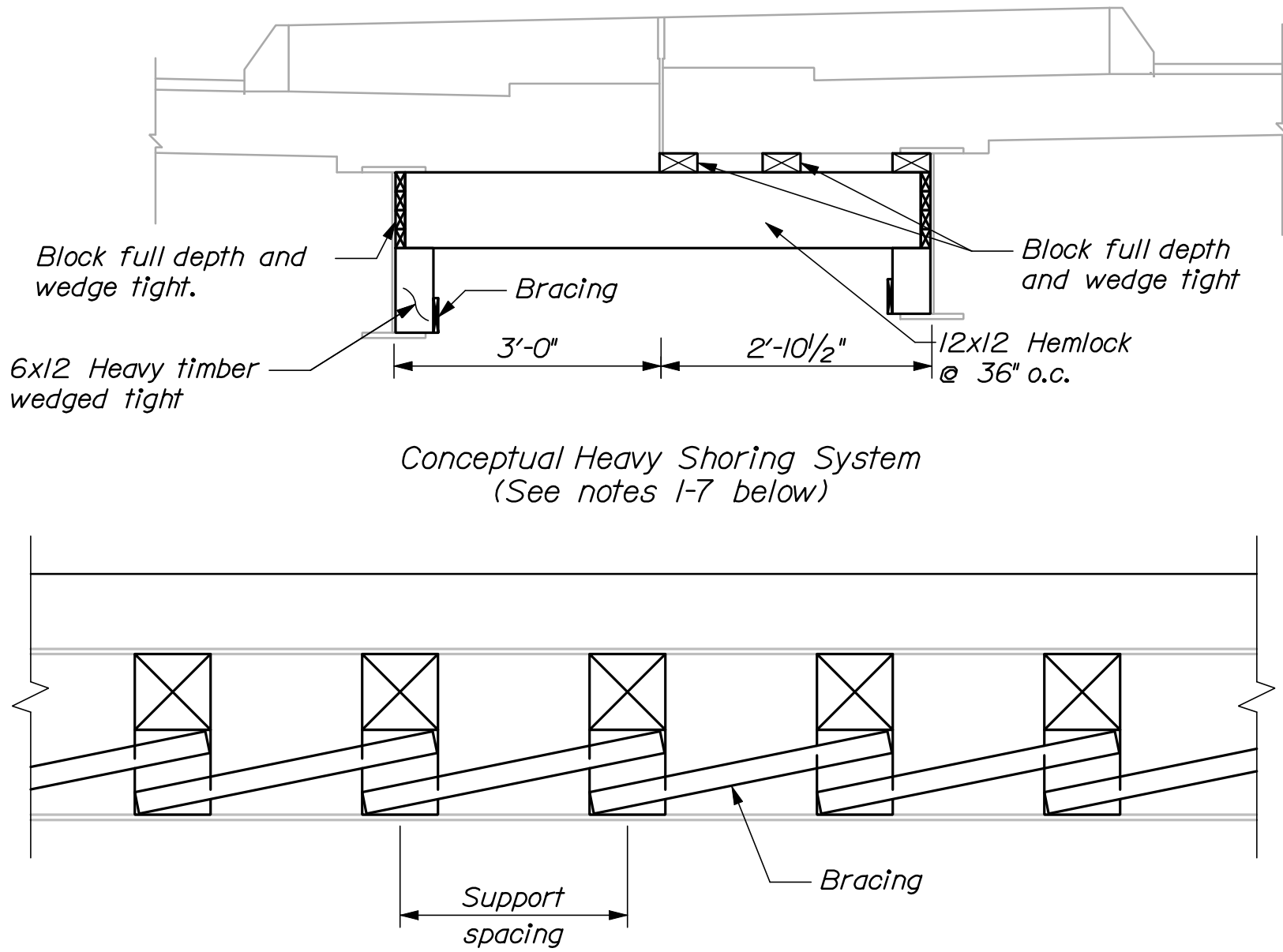
Portland ~ Bridge No. 6292  
N.T.S.



(Island reconstruction at Abutment No. 1)

[illegible]





PORTLAND CONNECTOR

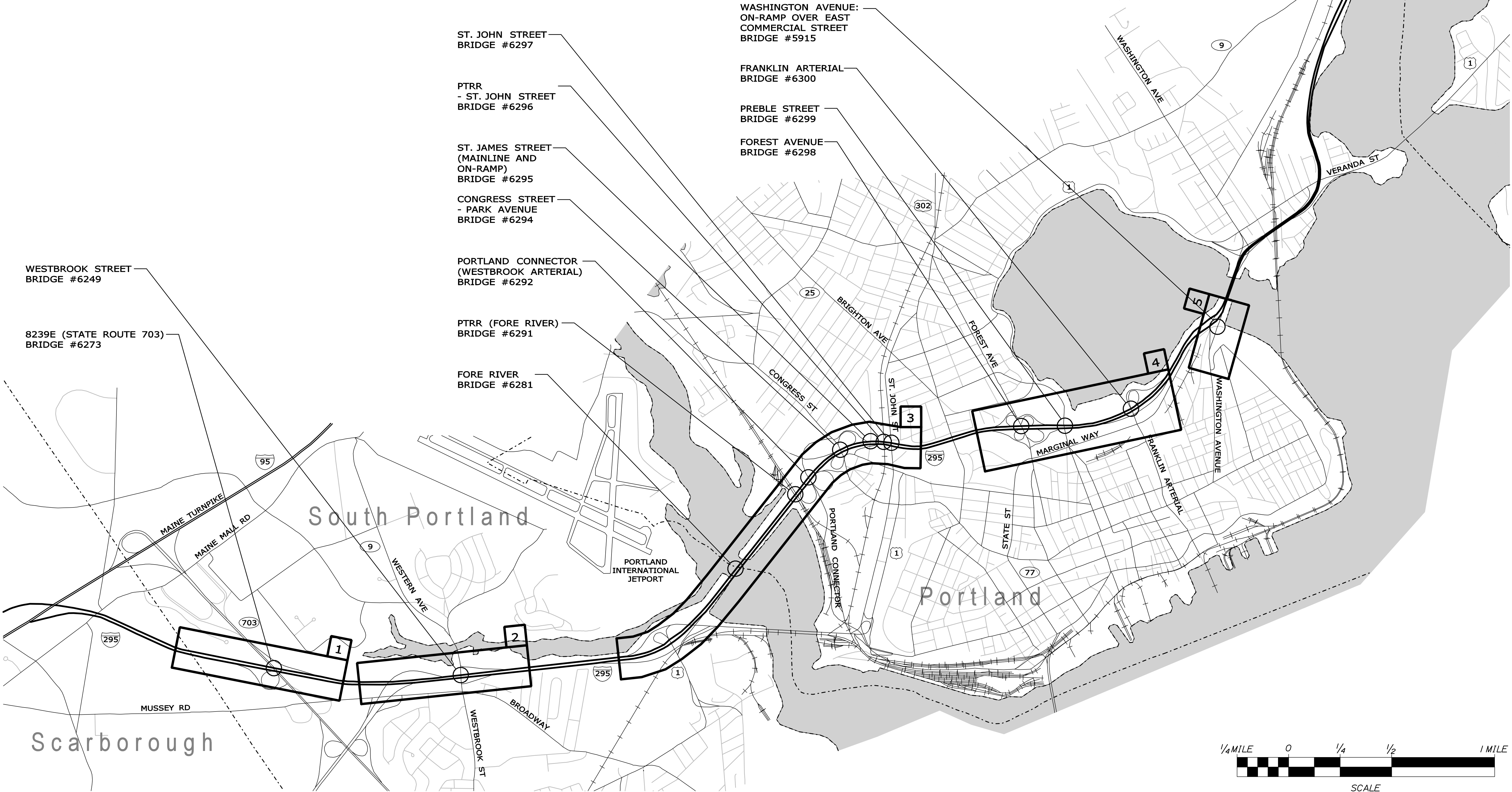
CONCEPTUAL HEAVY SHORING BELOW BRIDGE MEDIAN

N.T.S.

NOTES:

1. The details shown are a heavy shoring concept only. The Contractor may propose an alternate temporary structural support system.
2. The Contractor shall submit plans and calculations, prepared by a Professional Engineer licensed in the State of Maine, in accordance with the Standard Specifications and Special Provision 524 - Temporary Structural Support, to the Resident for review prior to installing the temporary structural support system.
3. The heavy shoring shall be installed prior to demolishing the concrete island and shall remain in place until reconstruction of the island is complete.
4. Shoring shall be wedged tight with hard wood wedges to provide full contact with the girder flanges and webs, and with the underside of the deck slab.
5. Shoring shall be inspected by the Contractor on a weekly basis to ensure that it remains in full contact with the slabs and girders while traffic is on the shored region.
6. Shoring shall be braced such that it is stable in all directions and will not work loose due to bridge movement and vibrations.
7. All members in shoring system shall be mechanically fastened to one another to prevent relative movement.

INTERSTATE 295 NORTHBOUND S.PORTLAND TO PORTLAND CUMBERLAND COUNTY  TEMPORARY STRUCTURAL SUPPORT	STATE OF MAINE DEPARTMENT OF TRANSPORTATION			
	IM-1792(910)E			
	BRIDGE NO. Varies		PIN 17929.10	
	BRIDGE PLANS			
SHEET NUMBER  62D  OF 111	PROJ. MANAGER	DOE	BY	DATE
	DESIGN-DETAILED	RWH	MPC	12/11
	CHECKED-REVIEWED	DOE	TFC	12/11
	DESIGN-DETAILED2	-	-	-
	DESIGN-DETAILED2	-	-	-
	REVISIONS 1	-	-	-
	REVISIONS 2	-	-	-
	REVISIONS 3	-	-	-
	REVISIONS 4	-	-	-
	FIELD CHANGES	-	-	-
SIGNATURE		P.E. NUMBER		
DATE		DATE		



STATE OF MAINE		DEPARTMENT OF TRANSPORTATION	
INTERSTATE 295 NORTHBOUND S. PORTLAND TO PORTLAND CUMBERLAND COUNTY		IM-1792(910)E	
WORK ZONE LOCATION MAP		BRIDGE NO. 1792S.10	PIN 1792S.10
SHEET NUMBER		BRIDGE PLANS	
63		1792S.10	
OF 111		1792S.10	
DATE		DATE	
12/11		12/11	
BY		SIGNATURE	
MPC		P.E. NUMBER	
TFC		DATE	
DESIGN-DETAILED		REVISIONS 1	
CHECKED-REVIEWED		REVISIONS 2	
DESIGN-DETAILED		REVISIONS 3	
DESIGN-DETAILED		REVISIONS 4	
DESIGN-DETAILED		FIELD CHANGES	





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

WORK ZONE 1 (SR 703)

PHASE I SHEET 1 of 2

STATE OF MAINE										DEPARTMENT OF TRANSPORTATION										IM-1792(910)E										PIN										BRIDGE NO. VARIES										17929.10										BRIDGE PLANS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
INTERSTATE 295 NORTHBOUND										WORK ZONE 1 (SR 703)										S. PORTLAND										CUMBERLAND COUNTY										TRAFFIC CONTROL										PLAN										SHEET NUMBER										64										OF 111																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
PROJECT MANAGER										DESIGN-DETAILED										CHECKED-REVIEWED										DESIGN-3-DETAILED										REVISIONS 1										REVISIONS 2										REVISIONS 3										REVISIONS 4										FIELD CHANGES										DATE										P.E. NUMBER										SIGNATURE										DATE										BY										MPC										TRC										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE										DGE									





PHASE I SHEET 2 of 2

**65**

OF 111

**SHEET NUMBER**

**TRAFFIC CONTROL PLAN**

**S. PORTLAND CUMBERLAND COUNTY**

**WORK ZONE 1 (SR 703)**

**INITIALS DATE**

**STATE OF MAINE**

**DEPARTMENT OF TRANSPORTATION**

**IM-1792(910)E**

**BRIDGE NO. VARIES**

**PIN**

**17929.10**

**BRIDGE PLANS**





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

WORK ZONE 1 (SR 703)

PHASE II SHEET 1 of 2

STATE OF MAINE										DEPARTMENT OF TRANSPORTATION										IM-1792(910)E										PIN										BRIDGE NO. VARIES										17929.10										BRIDGE PLANS																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
INTERSTATE 295 NORTHBOUND										WORK ZONE 1 (SR 703)										S. PORTLAND										CUMBERLAND COUNTY										TRAFFIC CONTROL PLAN										SHEET NUMBER										66										OF 111																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
PROJ. MANAGER										DESIGN DETAIL										RWH										DGE										BY										DATE										SIGNATURE										P.E. NUMBER										DATE																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																							
DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN DETAIL										DESIGN									



Date:12/21/2011

Username: bhavu

Division: BRIDGE

Filename: 067\_WZ 01 Ph 02 Plan 02 .dgn



**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.  
3. CONTRACTOR SHALL ACCESS WORK ZONE FROM TRAILING END OF SR 703 ON RAMP.

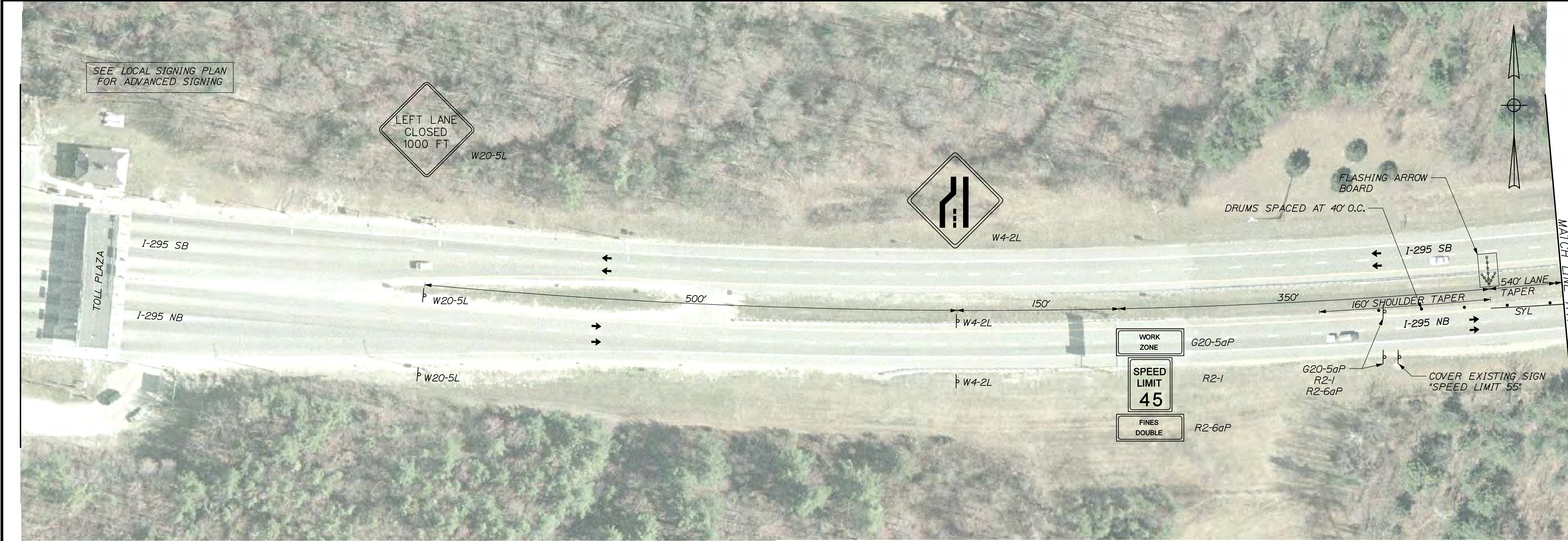
NOT TO SCALE

WORK ZONE 1 (SR 703)

PHASE II SHEET 2 of 2

67		SHEET NUMBER	
OF 111			
INTERSTATE 295 NORTHBOUND		PROJ. MANAGER	
WORK ZONE 1 (SR 703)		DESIGN DETAIL 1	
S. PORTLAND		DESIGN DETAIL 2	
CUMBERLAND COUNTY		DESIGN DETAIL 3	
TRAFFIC CONTROL PLAN		REVISIONS 1	
		REVISIONS 2	
		REVISIONS 3	
		REVISIONS 4	
		FIELD CHANGES	





STRIPING LEGEND

SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

NOTES:  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

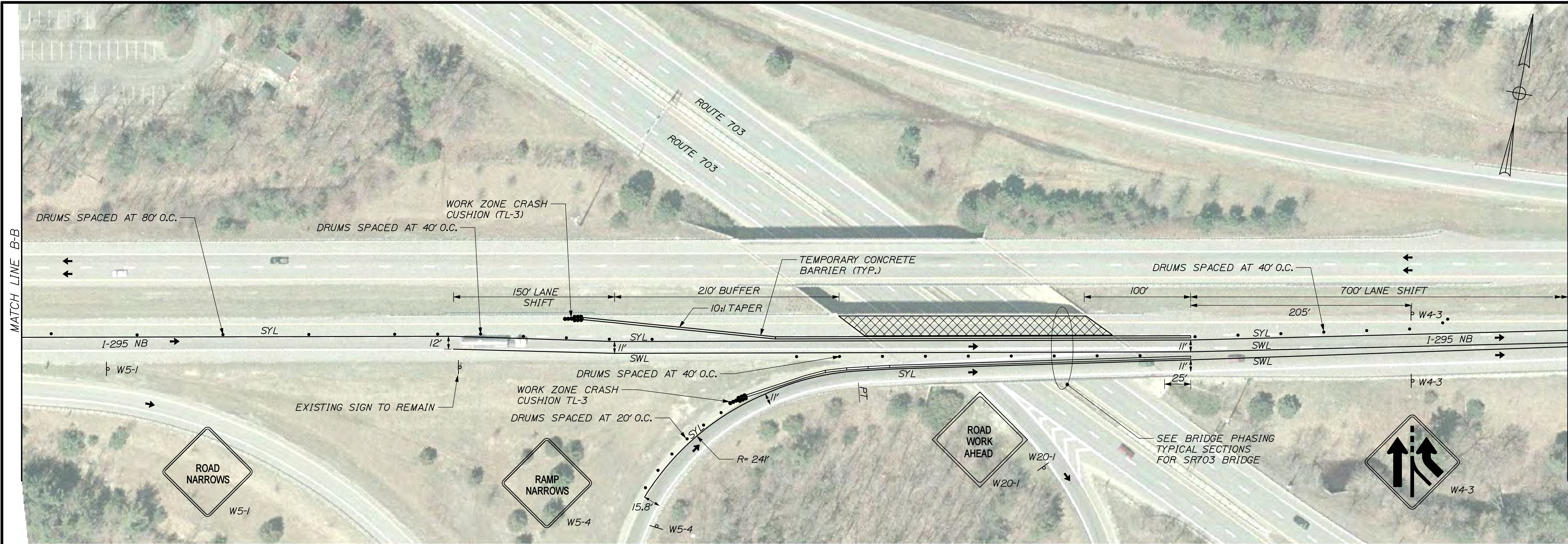
NOT TO SCALE

WORK ZONE 1 (SR 703)

PHASE III SHEET 1 of 2

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17929.10		BRIDGE NO. VARIES		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		WORK ZONE 1 (SR 703)		S. PORTLAND		CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		SHEET NUMBER	
DATE		BY		SIGNATURE		P.E. NUMBER		DATE		68	
12/21		MPC		TRC		-		-		OF 111	
12/21		DCE		RWL		DCE		-			
-		-		DESIGN2-DETAILED2		DESIGN3-DETAILED3		REVISIONS 1			
-		-		-		-		REVISIONS 2			
-		-		-		-		REVISIONS 3			
-		-		-		-		REVISIONS 4			
-		-		-		-		FIELD CHANGES			





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.  
3. CONTRACTOR SHALL ACCESS WORK ZONE FROM TRAILING END OF MAINLINE LANE.

NOT TO SCALE

WORK ZONE 1 (SR 703)

PHASE III SHEET 2 of 2

SHEET NUMBER										69										OF 111									
INTERSTATE 295 NORTHBOUND										WORK ZONE 1 (SR 703)										S. PORTLAND CUMBERLAND COUNTY									
TRAFFIC CONTROL PLAN																													
PROJECT MANAGER										DOE										BY									
DESIGN-DETAILED										RWH										MPC									
CHECKED-REVIEWED										DOE										TRC									
DESIGN-DETAILED 02																													
DESIGN-DETAILED 03																													
REVISIONS 1																													
REVISIONS 2																													
REVISIONS 3																													
REVISIONS 4																													
FIELD CHANGES																													





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

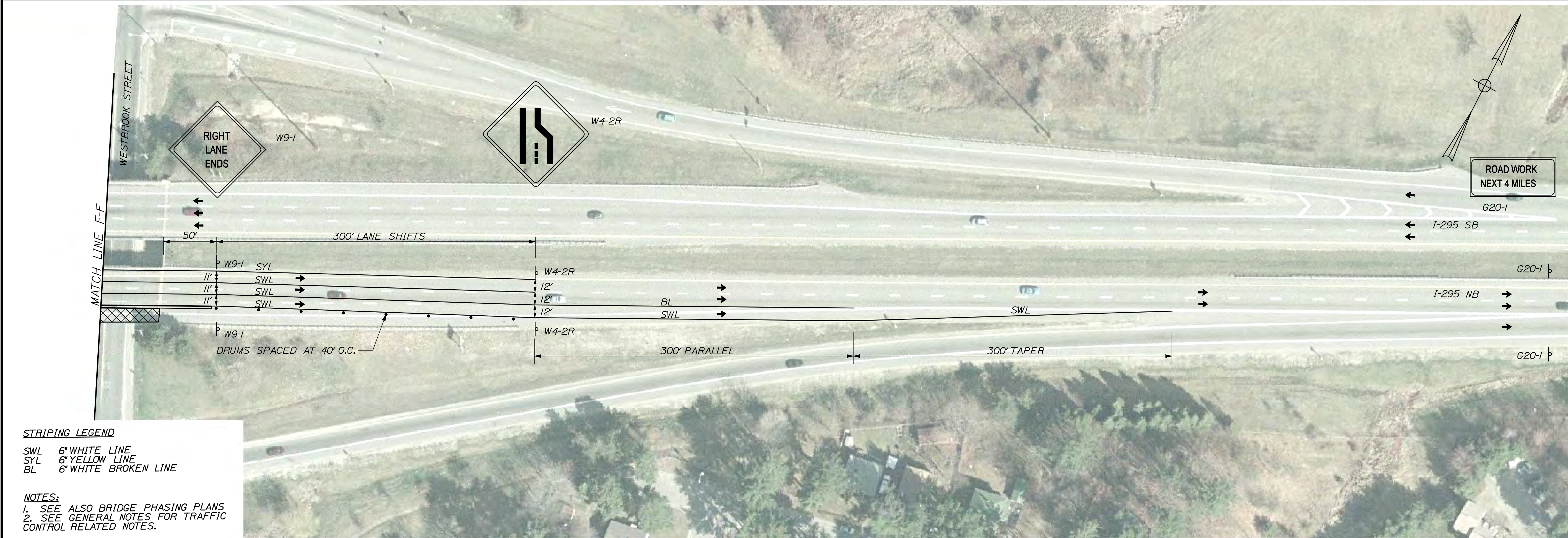
NOT TO SCALE

WORK ZONE 2 (WESTBROOK STREET)

PHASE I SHEET 1 of 2

SHEET NUMBER		INTERSTATE 295 NORTHBOUND										STATE OF MAINE	
70  OF 111		WORK ZONE 2 (WESTBROOK STREET)										DEPARTMENT OF TRANSPORTATION	
		S. PORTLAND CUMBERLAND COUNTY										IM-1792(910)E	
		TRAFFIC CONTROL PLAN											
		PROJ. MANAGER		DATE		BY		SIGNATURE					
		DESIGN-DETAILED		12/11		MPC							
		DESIGN-REVIEWED		12/11		TRC							
		DESIGN-DETAIL E02		--		--							
		DESIGN-DETAIL E03		--		--							
		REVISIONS 1		--		--				P.E. NUMBER			
		REVISIONS 2		--		--							
		REVISIONS 3		--		--							
		REVISIONS 4		--		--				DATE			
		FIELD CHANGES		--		--				BRIDGE NO. VARIES			
										PIN			
										17929.10			
										BRIDGE PLANS			





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

WORK ZONE 2 (WESTBROOK STREET)

PHASE I SHEET 2 of 2

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17929.10		BRIDGE NO. VARIES		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		WORK ZONE 2 (WESTBROOK STREET)		S. PORTLAND		CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		SHEET NUMBER	
71		OF 111		SIGNATURE		P.E. NUMBER		DATE			





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

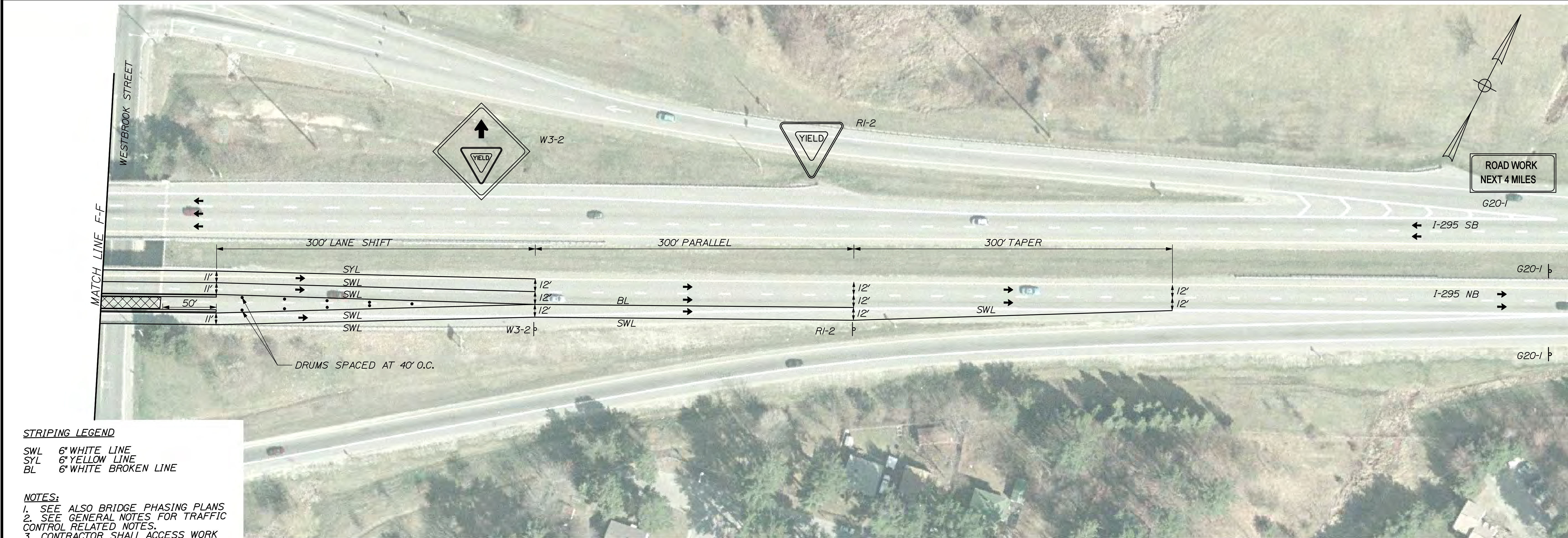
WORK ZONE 2 (WESTBROOK STREET)

PHASE II SHEET 1 of 2

STATE OF MAINE		DATE		PROJ. MANAGER	DGE	BY	DATE	SIGNATURE	
DEPARTMENT OF TRANSPORTATION		12/21		DESIGN-DETAILED	MPC	TRC	12/21	P.E. NUMBER	
IM-1792(910)E		-		CHECKED-REVIEWED	-	-	-	DATE	
BRIDGE NO. VARIES		-		DESIGN2-DETAILED2	-	-	-	-	
PIN 17929.10		-		DESIGN3-DETAILED3	-	-	-	-	
BRIDGE PLANS		-		REVISIONS 1	-	-	-	-	
		-		REVISIONS 2	-	-	-	-	
		-		REVISIONS 3	-	-	-	-	
		-		REVISIONS 4	-	-	-	-	
		-		FIELD CHANGES	-	-	-	-	

INTERSTATE 295 NORTHBOUND		TRAFFIC CONTROL PLAN	
WORK ZONE 2 (WESTBROOK STREET)		S. PORTLAND CUMBERLAND COUNTY	
SHEET NUMBER		72	
		OF 111	





STRIPING LEGEND  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE  
NOTES:  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.  
3. CONTRACTOR SHALL ACCESS WORK ZONE FROM TRAILING END OF ON-RAMP LANE.

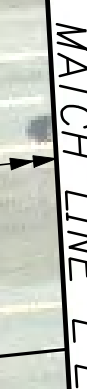
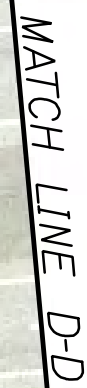
NOT TO SCALE

WORK ZONE 2 (WESTBROOK STREET)

PHASE II SHEET 2 of 2

SHEET NUMBER										STATE OF MAINE									
73 OF 111										DEPARTMENT OF TRANSPORTATION									
										IM-1792(910)E									
										PIN 17929.10 BRIDGE NO. VARIES									
INTERSTATE 295 NORTHBOUND WORK ZONE 2 (WESTBROOK STREET) S. PORTLAND CUMBERLAND COUNTY TRAFFIC CONTROL PLAN										SIGNATURE									
										P.E. NUMBER									
										DATE									
										BRIDGE NO. VARIES									
										PIN 17929.10									
BRIDGE PLANS																			





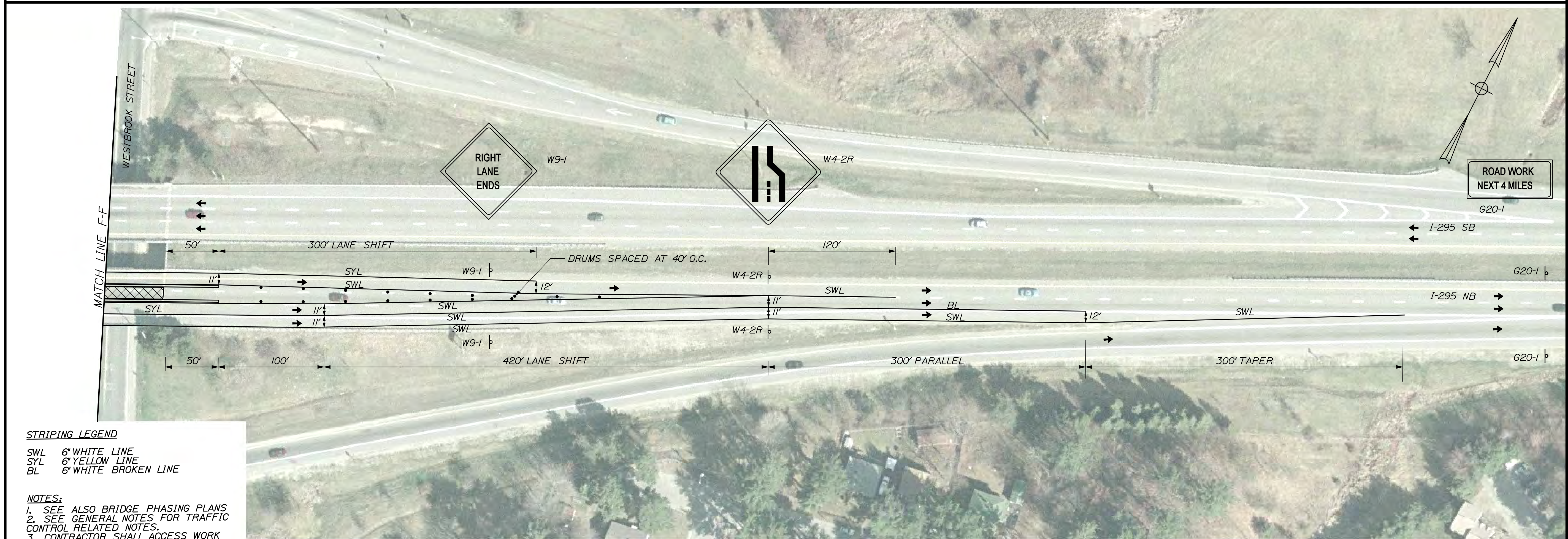
NOTES:

1. SEE ALSO BRIDGE PHASING PLANS
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

PHASE III SHEET 1 of 2

SHEET NUMBER		74		OF 111	
INTERSTATE 295 NORTHBOUND		PROJ. MANAGER		DOE	BY
WORK ZONE 2 (WESTBROOK STREET)		DESIGN-DETAILED		RWH	DATE
S. PORTLAND CUMBERLAND COUNTY		CHECKED-REVIEWED		DOE	12/11
		DESIGN2-DETAILED2		-	12/11
		DESIGN3-DETAILED3		-	
		REVISIONS 1		-	
		REVISIONS 2		-	
		REVISIONS 3		-	
		REVISIONS 4		-	
		FIELD CHANGES		-	
TRAFFIC CONTROL PLAN		SIGNATURE		P.E. NUMBER	
		DATE			
		BRIDGE NO. VARIES		PIN	
		17929.10		BRIDGE PLANS	
		STATE OF MAINE			
		DEPARTMENT OF TRANSPORTATION			
		IM-1792(910)E			





**NOTES:**

1. SEE ALSO BRIDGE PHASING PLANS
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.
3. CONTRACTOR SHALL ACCESS WORK ZONE FROM TRAILING END OF RT MAINLINE LANE.

PHASE III SHEET 2 of 2

<div> <div> <div>75</div> <div>OF 111</div> </div> <div> <div>SHEET NUMBER</div> <div>INTERSTATE 295 NORTHBOUND</div> <div>WORK ZONE 2 (WESTBROOK STREET)</div> <div>S. PORTLAND CUMBERLAND COUNTY</div> <div>TRAFFIC CONTROL PLAN</div> </div> </div>	PROJ. MANAGER	DOE	BY	DATE	<div> <div>STATE OF MAINE</div> <div>DEPARTMENT OF TRANSPORTATION</div> <div>IM-1792(910)E</div> <div>PIN 17929.10</div> <div>BRIDGE NO. VARIES</div> <div>BRIDGE PLANS</div> </div>
	DESIGN-DETAILED	SWH	MFC	12/VI	
	DESIGN-REVIEWED	DOE	TRC	12/VII	
	DESIGN-DETAILED	-	-	-	
	DESIGN-DETAILED	-	-	-	
	REVISIONS 1	-	-	-	
	REVISIONS 2	-	-	-	
	REVISIONS 3	-	-	-	
	REVISIONS 4	-	-	-	
	FIELD CHANGES	-	-	-	





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

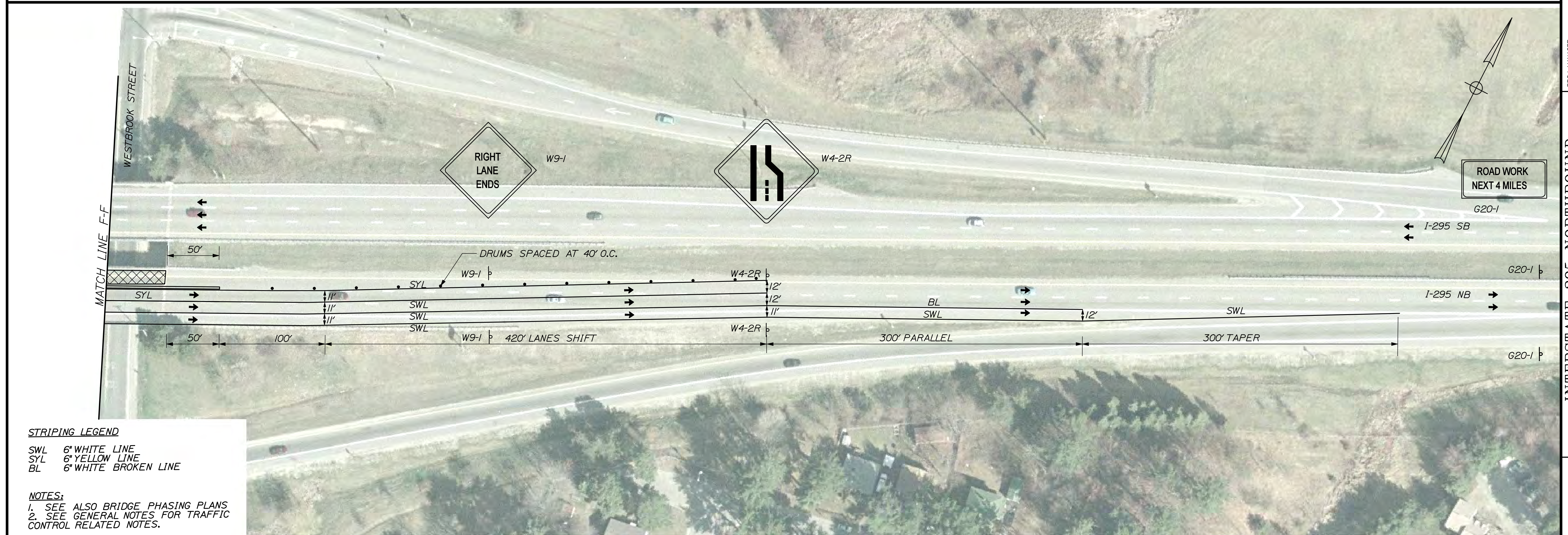
NOT TO SCALE

WORK ZONE 2 (WESTBROOK STREET)

PHASE IV SHEET 1 of 2

SHEET NUMBER		INTERSTATE 295 NORTHBOUND										STATE OF MAINE	
76  OF 111		WORK ZONE 2 (WESTBROOK STREET)										DEPARTMENT OF TRANSPORTATION	
		S. PORTLAND CUMBERLAND COUNTY											
		TRAFFIC CONTROL PLAN										IM-1792(910)E	
		PROJ. MANAGER		DATE		BY		DATE		SIGNATURE			
		DESIGN DETAIL		12/11		MPC		12/11					
		DESIGN REVIEWED		DOE		TRC							
		DESIGN DETAIL E02											
		DESIGN DETAIL E03											
		REVISIONS 1								P.E. NUMBER			
		REVISIONS 2											
		REVISIONS 3											
		REVISIONS 4											
		FIELD CHANGES								DATE			
										BRIDGE NO. VARIES			
										PIN			
										17929.10			
										BRIDGE PLANS			





PHASE IV SHEET 2 of 2

[illegible]





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

WORK ZONE 3 (FORE RIVER TO ST. JOHN ST.)

PHASE I SHEET 1 of 4

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17929.10		BRIDGE NO. VARIES		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		WORK ZONE 3 (FORE RIVER TO ST. JOHN ST.)		PORTLAND		CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		SHEET NUMBER	
DATE		BY		SIGNATURE		P.E. NUMBER		DATE		78	
12/21		MPC		TRC		-		-		OF 111	
12/21		RWH		DCE		-		-			
-		DESIGN2-DETAILED2		DESIGN3-DETAILED3		-		-			
-		REVISIONS 1		REVISIONS 2		-		-			
-		REVISIONS 3		REVISIONS 4		-		-			
-		FIELD CHANGES		-		-		-			

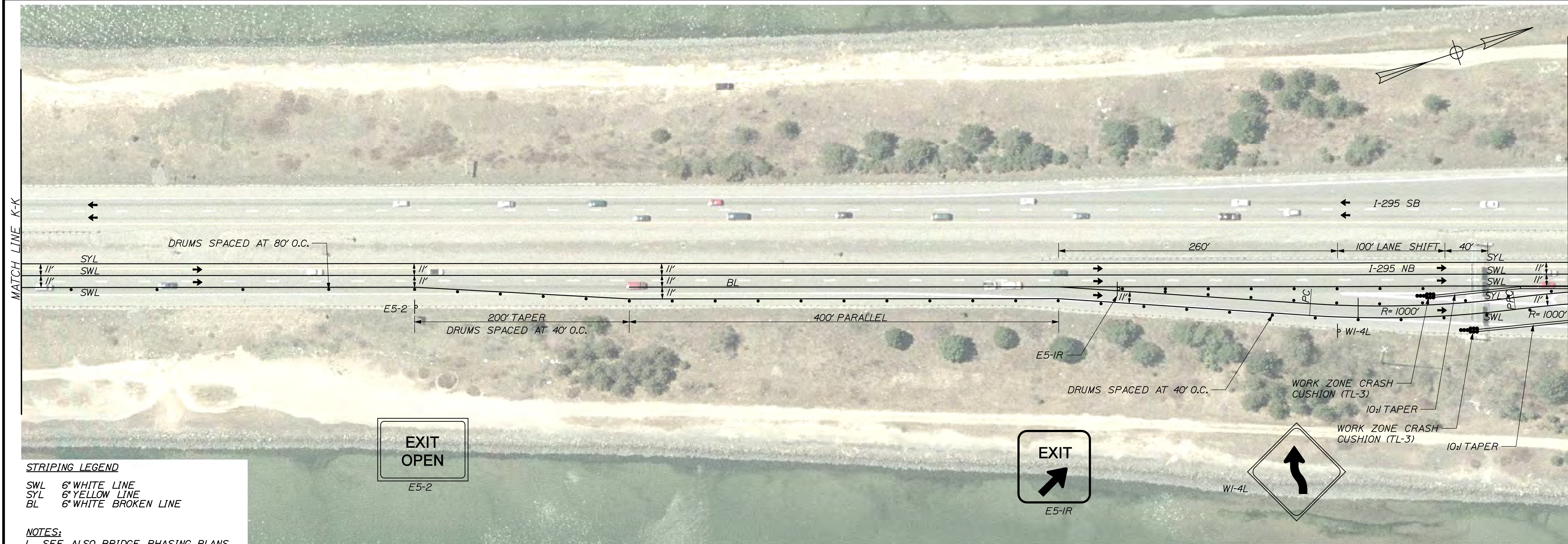


Date:12/21/2011

Username: bhavu

Division: BRIDGE

Filename: 079\_WZ 034 Ph 01 Plan 02 .dgn



STRIPING LEGEND  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

NOTES:  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

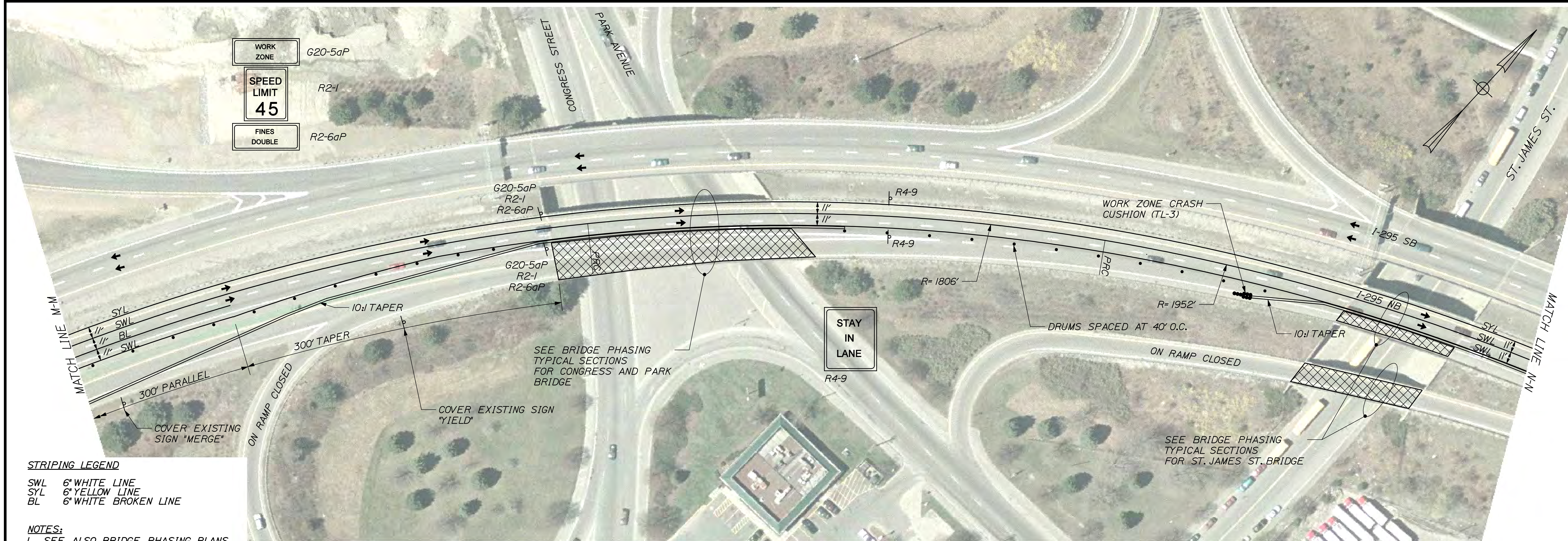
NOT TO SCALE

WORK ZONE 3 (FORE RIVER TO ST. JOHN ST.)

PHASE I SHEET 2 of 4

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17929.10		BRIDGE NO. VARIES		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		WORK ZONE 3 (FORE RIVER TO ST. JOHN ST.)		PORTLAND		CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		SHEET NUMBER	
DATE		BY		SIGNATURE		P.E. NUMBER		DATE		79	
12/21		MPC		TRC		-		-		OF 111	
DESIGN-DETAILED		RWH		DCE		DESIGN2-DETAILED2		DESIGN3-DETAILED3		REVISIONS 1	
CHECKED-REVIEWED		DCE		-		-		-		REVISIONS 2	
-		-		-		-		-		REVISIONS 3	
-		-		-		-		-		REVISIONS 4	
-		-		-		-		-		FIELD CHANGES	





NOTES:

1. SEE ALSO BRIDGE PHASING PLANS
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

PHASE I SHEET 3 of 4

SHEET NUMBER		80		OF 111		
INTERSTATE 295 NORTHBOUND		PROJ. MANAGER		DOE	BY	DATE
WORK ZONE 3 (FORE RIVER TO ST. JOHN ST.) PORTLAND CUMBERLAND COUNTY		DESIGN-DETAILED		RWH	MPC	12/11
		CHECKED-REVIEWED		JOE	TRC	12/11
		DESIGN2-DETAILED2		-	-	-
		DESIGN3-DETAILED3		-	-	-
		REVIEWS 1		-	-	-
TRAFFIC CONTROL PLAN		REVIEWS 2		-	-	-
		REVIEWS 3		-	-	-
		REVIEWS 4		-	-	-
		FIELD CHANGES		-	-	-
		SIGNATURE				
		P.E. NUMBER				
		DATE				
		BRIDGE NO. VARIES		PIN		
		17929.10		BRIDGE PLANS		
		STATE OF MAINE				
		DEPARTMENT OF TRANSPORTATION				
		IM-1792(910)E				



Filename: 081\_WZ\_034\_Ph 01 Plan 04 .dgn

Date: 12/21/2011

Username: bhavu

Division: BRIDGE



**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

WORK ZONE 3 (FORE RIVER TO ST. JOHN ST.)

PHASE I SHEET 4 of 4



SHEET NUMBER		INTERSTATE 295 NORTHBOUND										STATE OF MAINE	
81		WORK ZONE 3 (FORE RIVER TO ST. JOHN ST.)										DEPARTMENT OF TRANSPORTATION	
		PORTLAND CUMBERLAND COUNTY											
		TRAFFIC CONTROL PLAN										IM-1792(910)E	
OF 111													
		PRCL. MANAGER		DOE		BY		DATE					
		DESIGN-DETAILED		RWH		MPC		12/11		SIGNATURE			
		CHECKED-REVIEWED		DOE		TRC		12/11					
		DESIGN-DETAILED 02											
		DESIGN-DETAILED 03								P.E. NUMBER			
		REVISIONS 1											
		REVISIONS 2											
		REVISIONS 3											
		REVISIONS 4								DATE			
		FIELD CHANGES											
		BRIDGE NO. VARIES										PIN	
												17929.10	
												BRIDGE PLANS	



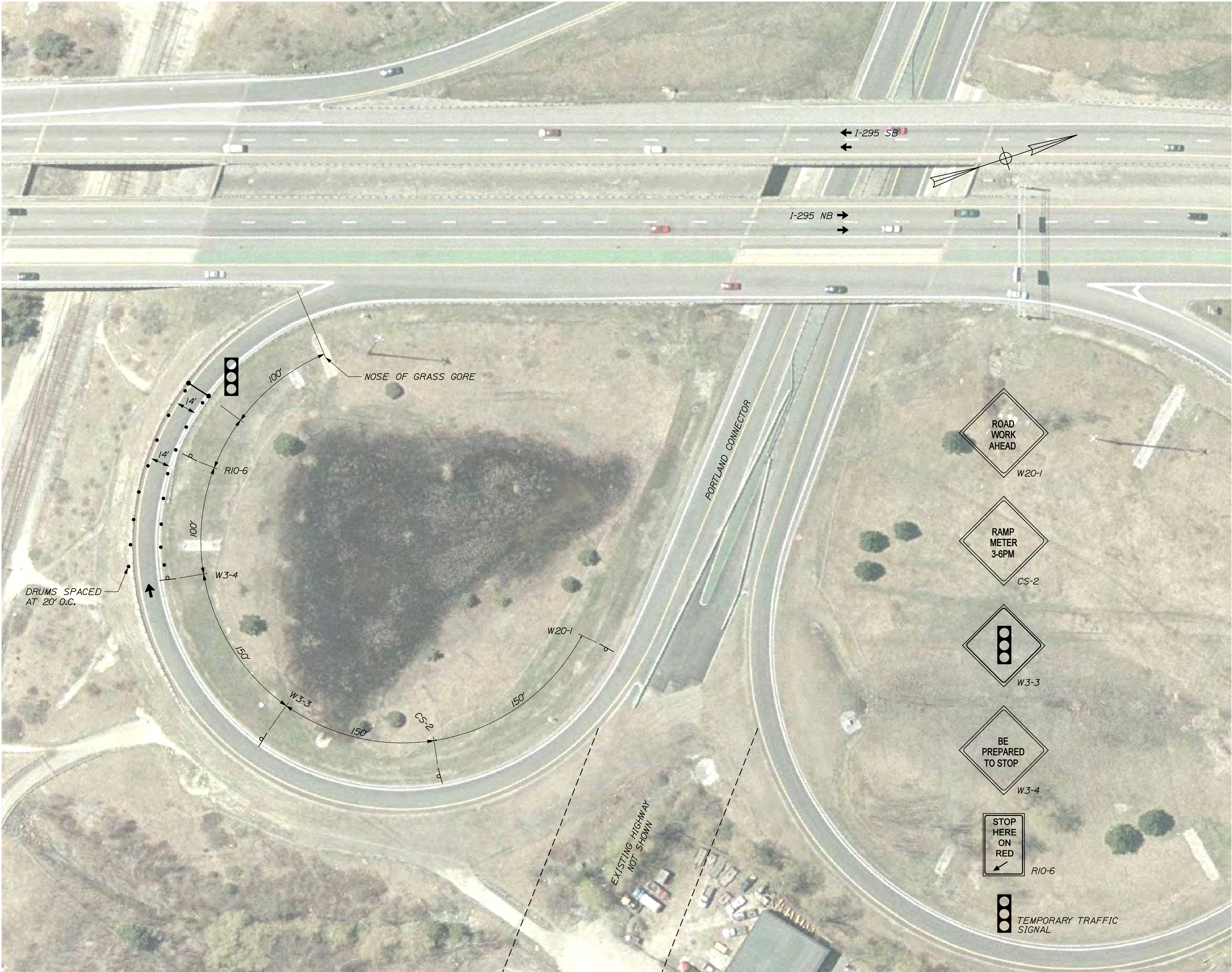
STRIPING LEGEND  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

NOTES:  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

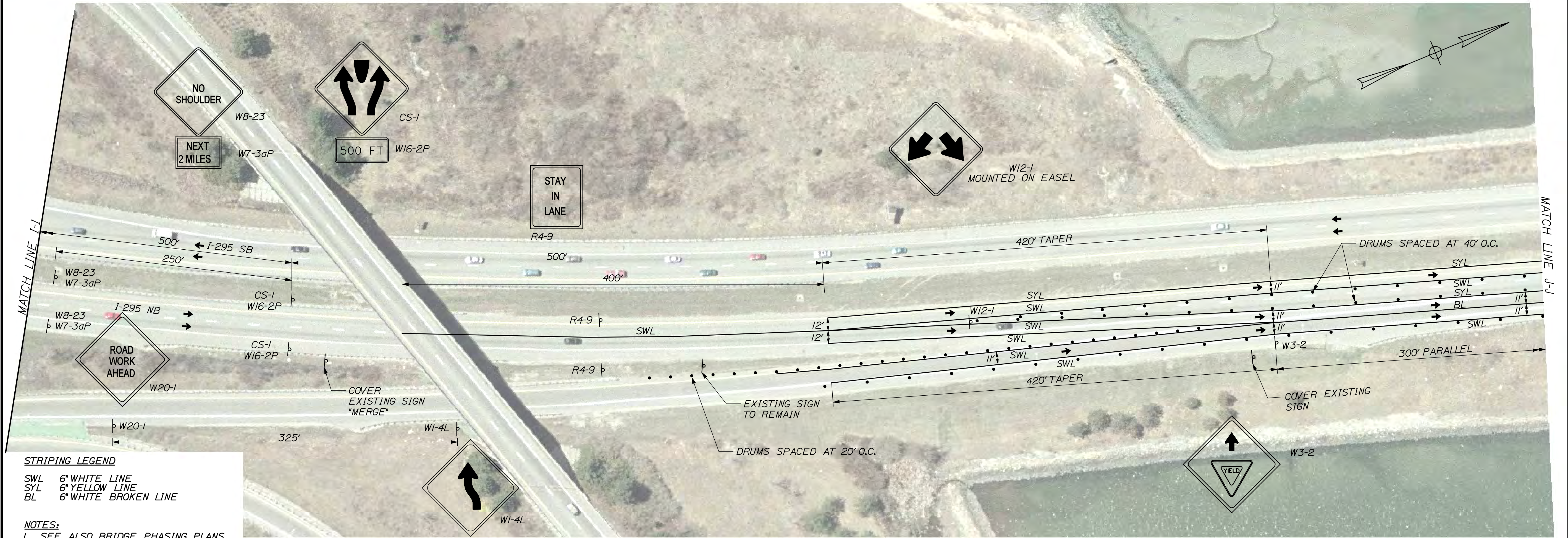
WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)

RAMP METER



STATE OF MAINE										DEPARTMENT OF TRANSPORTATION										IM-1792(910)E										PIN 17929.10										BRIDGE NO. VARIES										BRIDGE PLANS									
INTERSTATE 295 NORTHBOUND										WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)										PORTLAND CUMBERLAND COUNTY										TRAFFIC CONTROL PLAN										SHEET NUMBER																			
PROJ. MANAGER										DATE										BY										MPC										DOE										SIGNATURE									
DESIGN DETAIL										12/21										TRC										DOE										12/21										P.E. NUMBER									
DESIGN DETAIL E02										--										--										--										--										--									
DESIGN DETAIL E03										--										--										--										--										--									
REVISIONS 1										--										--										--										--										--									
REVISIONS 2										--										--										--										--										--									
REVISIONS 3										--										--										--										--										--									
REVISIONS 4										--										--										--										--										--									
FIELD CHANGES										--										--										--										--										--									
82										OF 111																																																	





STRIPING LEGEND  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

NOTES:  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)

PHASE II SHEET 1 of 5

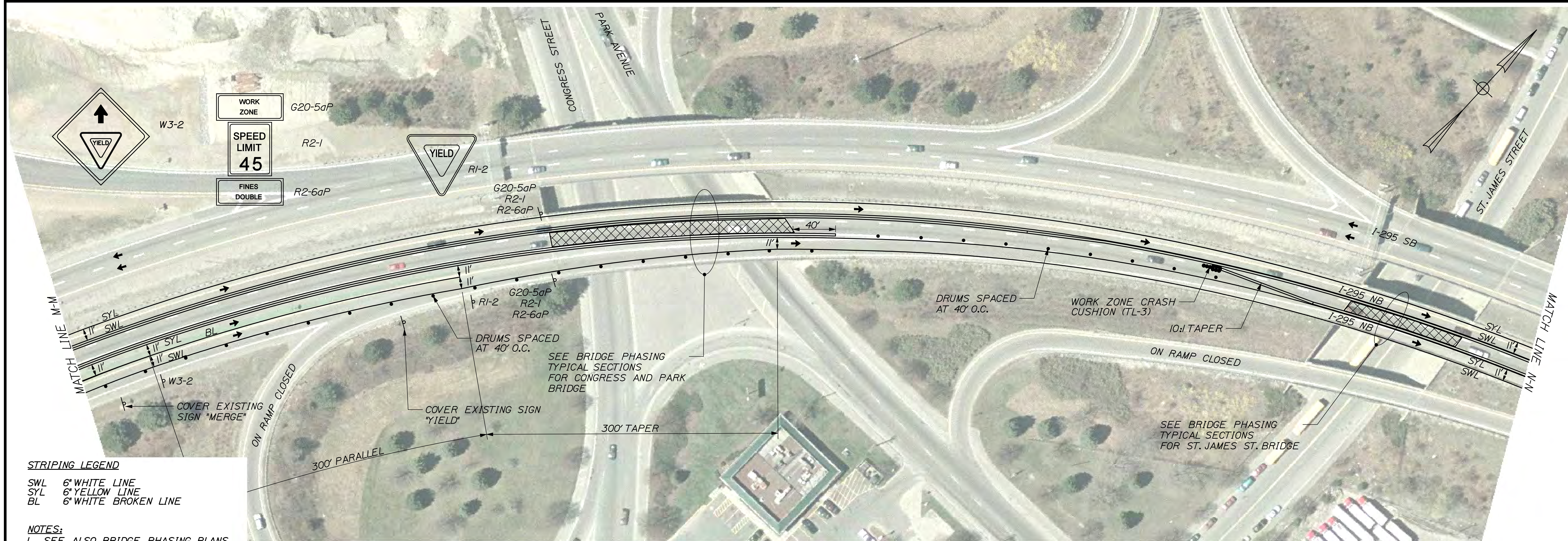
STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17929.10		BRIDGE NO. VARIES		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)		PORTLAND CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		SHEET NUMBER		83	
DATE		BY		SIGNATURE		P.E. NUMBER		DATE			
12/21		MPC		TRC							
12/21		DCE		RWI							
		DESIGN2-REVIEWED		DESIGN2-DETAILED2		DESIGN3-DETAILED3		REVISIONS 1		REVISIONS 2	
								REVISIONS 3		REVISIONS 4	
								FIELD CHANGES			





SHEET NUMBER										84										OF 111																			
WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)										TRAFFIC CONTROL PLAN										INTERSTATE 295 NORTHBOUND PORTLAND CUMBERLAND COUNTY																			
PROJ. MANAGER	RWH	MPC	DOE	BY	DATE																																		
DESIGN-DETAILED					12/11											SIGNATURE																							
CHECKED-REVIEWED	DOE	TRC			12/11																																		
DESIGN2-DETAILED2																																							
DESIGN3-DETAILED3																P.E. NUMBER																							
REVISIONS 1																																							
REVISIONS 2																																							
REVISIONS 3																																							
REVISIONS 4																DATE																							
FIELD CHANGES																																							
										BRIDGE NO. VARIES										PIN 17929.10										BRIDGE PLANS									
																				DEPARTMENT OF TRANSPORTATION STATE OF MAINE																			





PHASE II SHEET 3 of 5





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.  
3. CONTRACTOR SHALL ACCESS WORK ZONE FROM THE TRAILING END OF RT MAINLINE LANE.

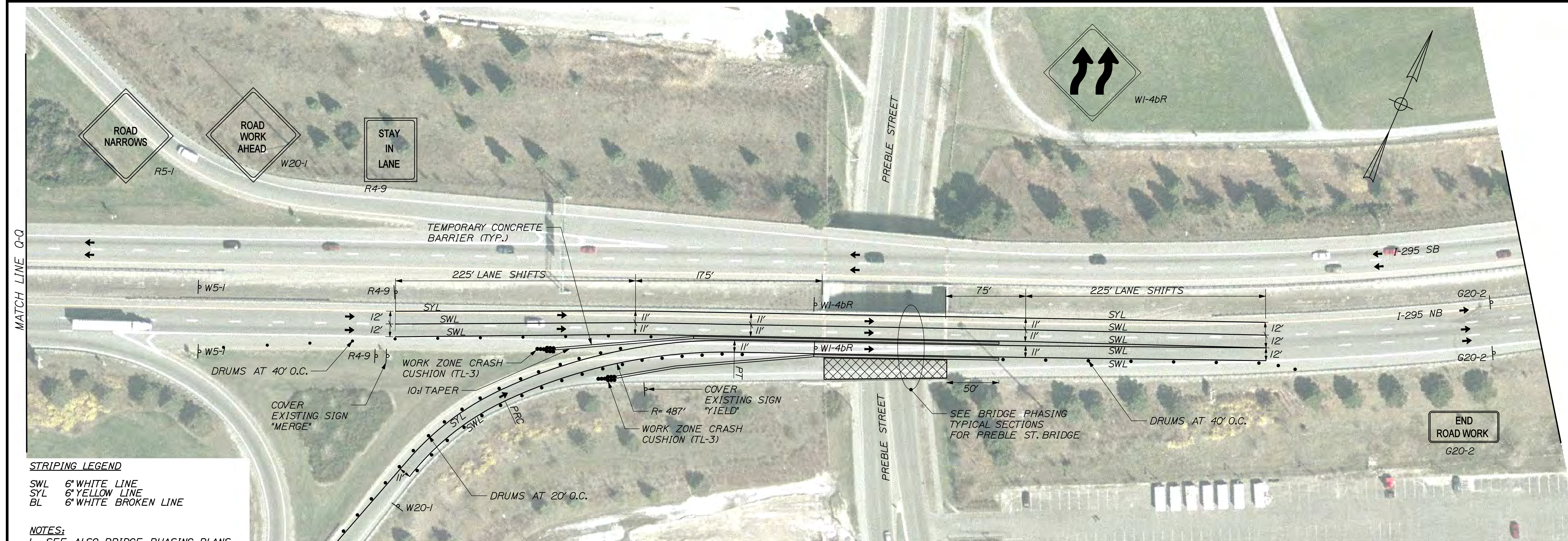
NOT TO SCALE

WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)

PHASE II SHEET 4 of 5

STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1792(910)E		BRIDGE NO. VARIES PIN 17929.10		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.) PORTLAND CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		SHEET NUMBER 86 OF 111	
PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER
DESIGN-DETAILED	12/21	MPC	12/21		
CHECKED-REVIEWED		TRC			
DESIGN2-DETAILED2					
DESIGN3-DETAILED3					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					





NOT TO SCALE

WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)

PHASE II/0 SHEET 5 of 5

SHEET NUMBER	INTERSTATE 295 NORTHBOUND					
87 OF 111	WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.) PORTLAND CUMBERLAND COUNTY					
	TRAFFIC CONTROL PLAN					
			PROJ. MANAGER	DOE	BY	DATE
			DESIGN-DETAILED	RWH	MPC	12/11
			CHECKED-REVIEWED	DGE	THC	12/11
			DESIGN2-DETAILED2	-	-	-
			DESIGN3-DETAILED3	-	-	-
			REVIEWS 1	-	-	P.E. NUMBER
			REVIEWS 2	-	-	
			REVIEWS 3	-	-	
			REVIEWS 4	-	-	DATE
			FIELD CHANGES	-	-	
			STATE OF MAINE			
			DEPARTMENT OF TRANSPORTATION			
			IM-1792(910)E			
			BRIDGE NO. VARIES		PIN 17929.10	
			BRIDGE PLANS			





STRIPING LEGEND  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

NOTES:  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

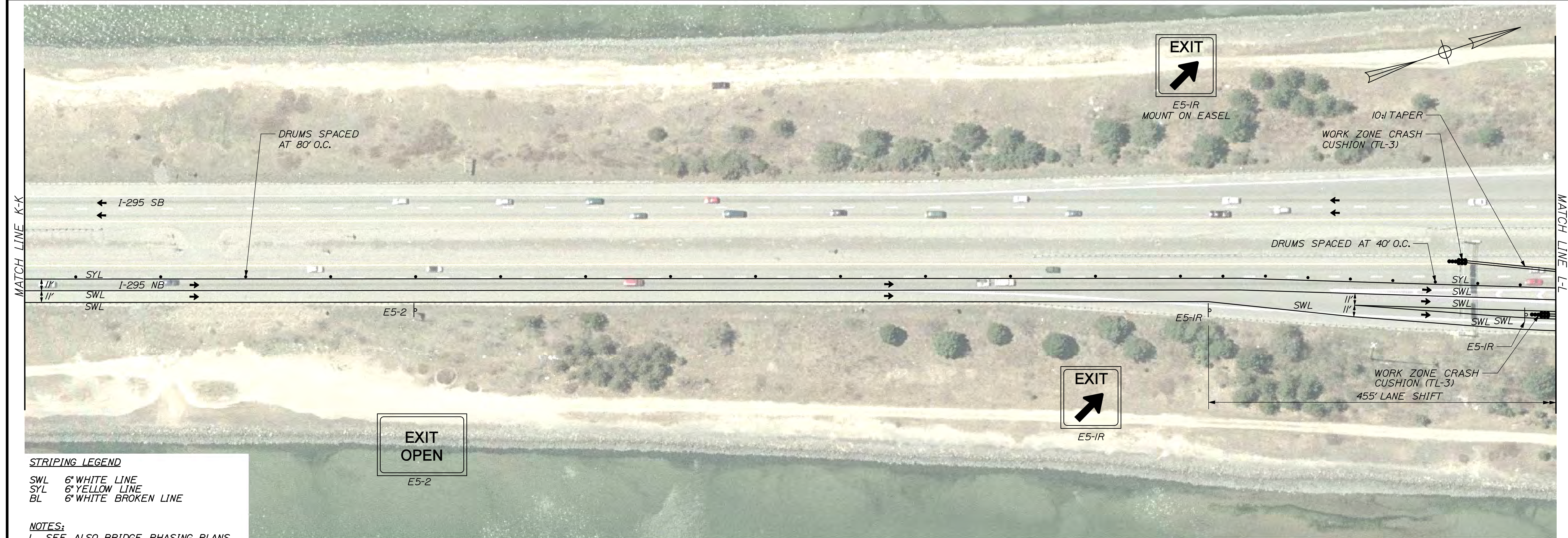
NOT TO SCALE

WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)

PHASE III SHEET 1 of 6

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN		BRIDGE NO. VARIES		17929.10		BRIDGE PLANS	
PROJECT MANAGER		DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-3-D		REVISIONS		DATE		SIGNATURE	
BY		MPC		TRC		-		-		-		-	
DATE		12/21		12/21		-		-		-		-	
PROJECT NUMBER		IM-1792(910)E		-		-		-		-		-	
SHEET NUMBER		88		-		-		-		-		-	
INTERSTATE 295 NORTHBOUND		WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)		PORTLAND		CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		OF 111			





SHEET NUMBER										89										OF 111									
WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)										TRAFFIC CONTROL PLAN										CUMBERLAND COUNTY									
INTERSTATE 295 NORTHBOUND										PORTLAND										CUMBERLAND COUNTY									
PROJ. MANAGER										RWTH										MPC									
DESIGN-DETAILED										TRC										12/11									
CHECKED-REVIEWED										DCE										12/11									
DESIGN2-DETAILED2										-										-									
DESIGN3-DETAILED3										-										-									
REVISONS 1										-										-									
REVISONS 2										-										-									
REVISONS 3										-										-									
REVISONS 4										-										-									
FIELD CHANGES										-										-									
SIGNATURE										P.E. NUMBER										DATE									
IM-1792(910)E										PIN										BRIDGE NO. VARIES									
BRIDGE NO. VARIES										PIN										BRIDGE PLANS									
17929.10										17929.10										17929.10									
STATE OF MAINE										DEPARTMENT OF TRANSPORTATION										STATE OF MAINE									

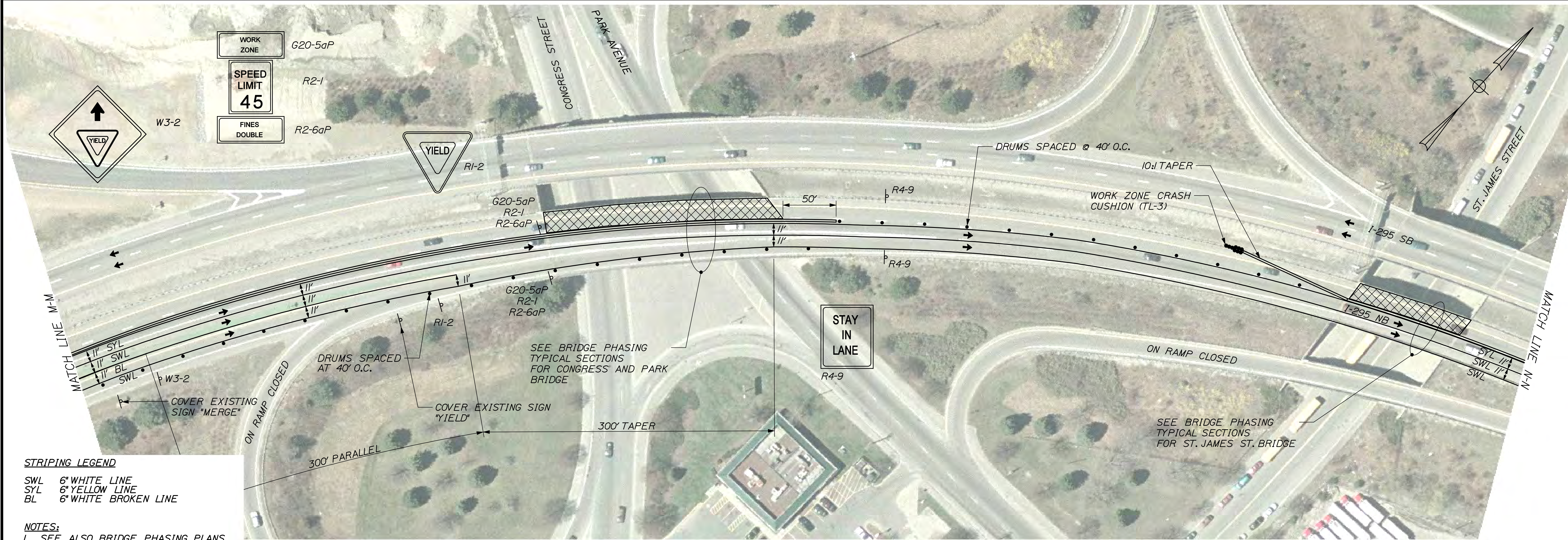
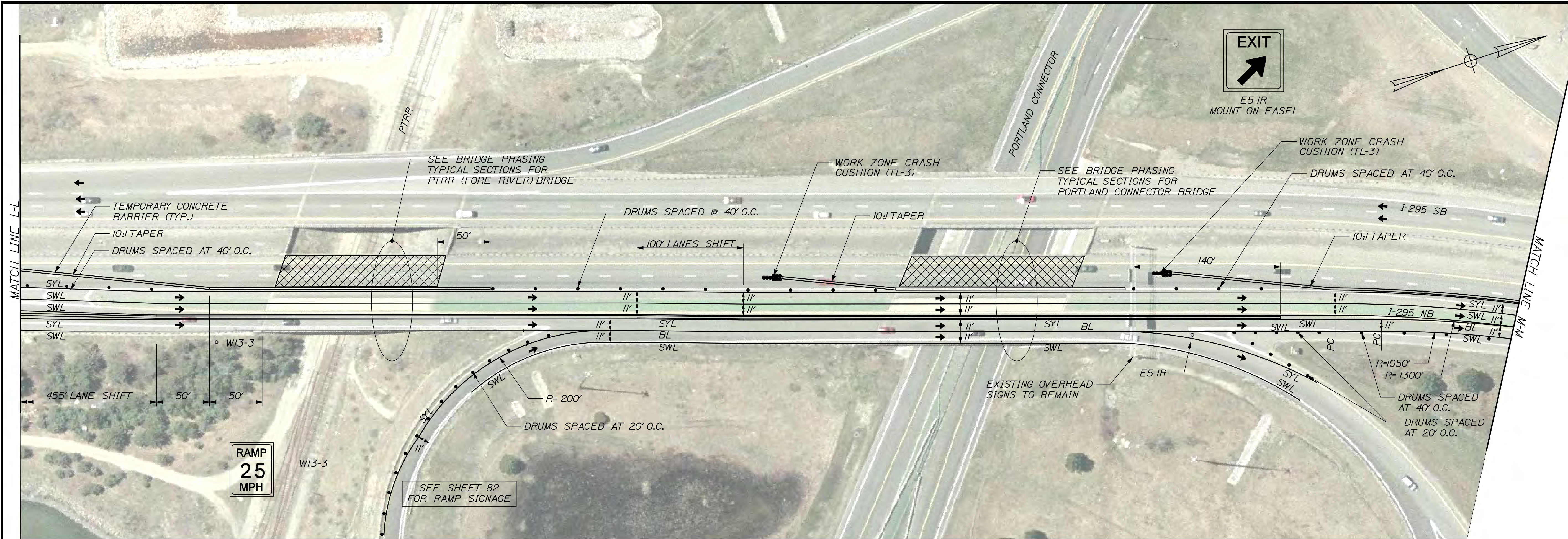


Date:12/21/2011

Username: bhavu

Division: BRIDGE

Filename: 090\_WZ 034 Ph 03 Plan 03 .dgn



STRIPING LEGEND  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

NOTES:  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

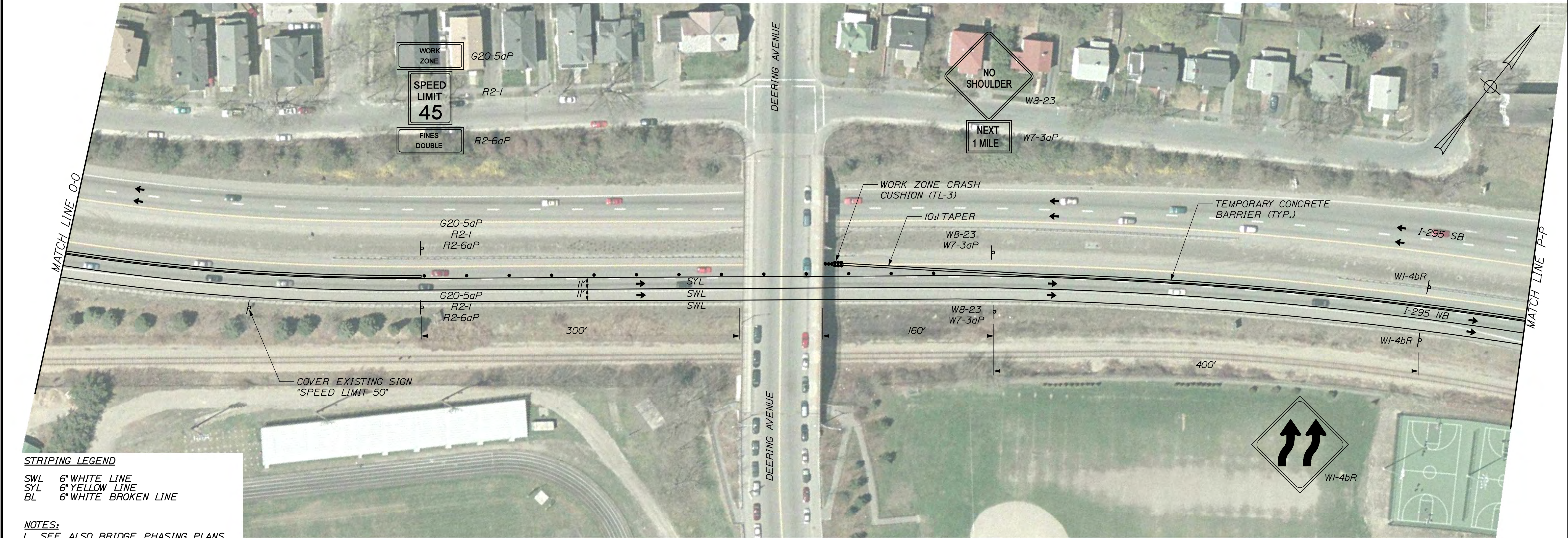
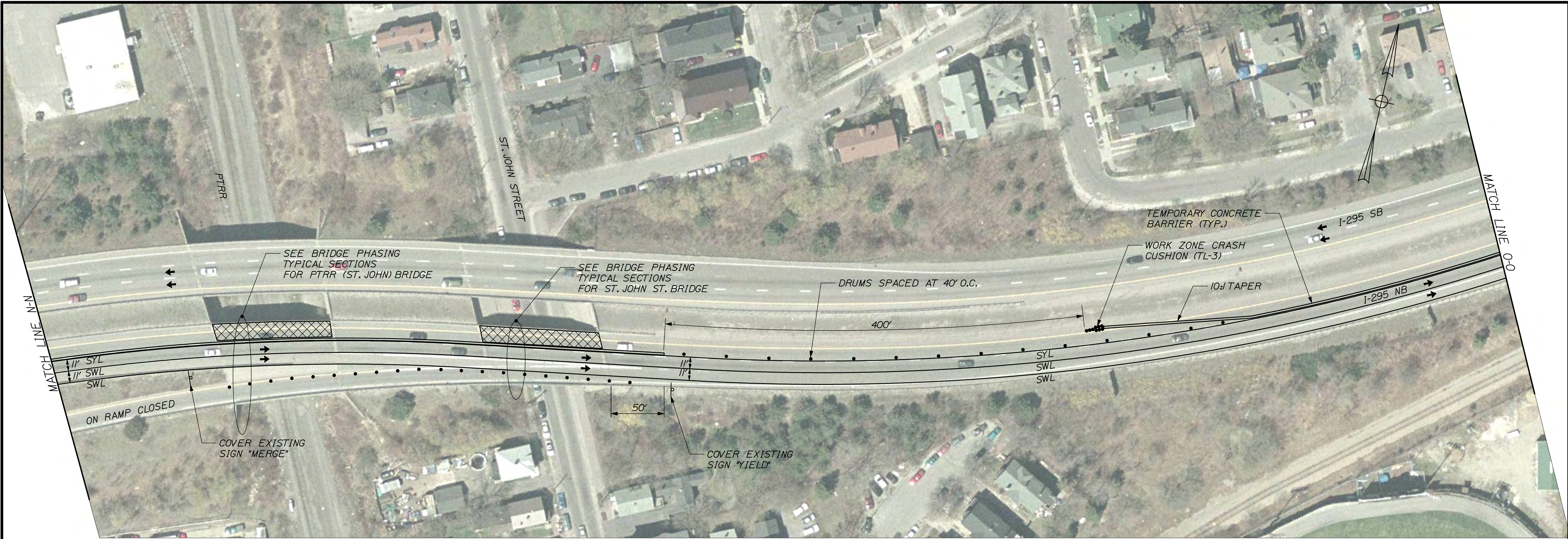
NOT TO SCALE

WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)

PHASE III SHEET 3 of 6

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17929.10		BRIDGE NO. VARIES		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)		PORTLAND		CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		SHEET NUMBER	
DATE		BY		SIGNATURE		P.E. NUMBER		DATE		90	
12/21		MPC		TRC		-		-		OF 111	
12/21		RWB		DCE		-		-			
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN2-DETAILED2		DESIGN3-DETAILED3		REVISIONS 1			
-		-		-		-		REVISIONS 2			
-		-		-		-		REVISIONS 3			
-		-		-		-		REVISIONS 4			
-		-		-		-		FIELD CHANGES			





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)

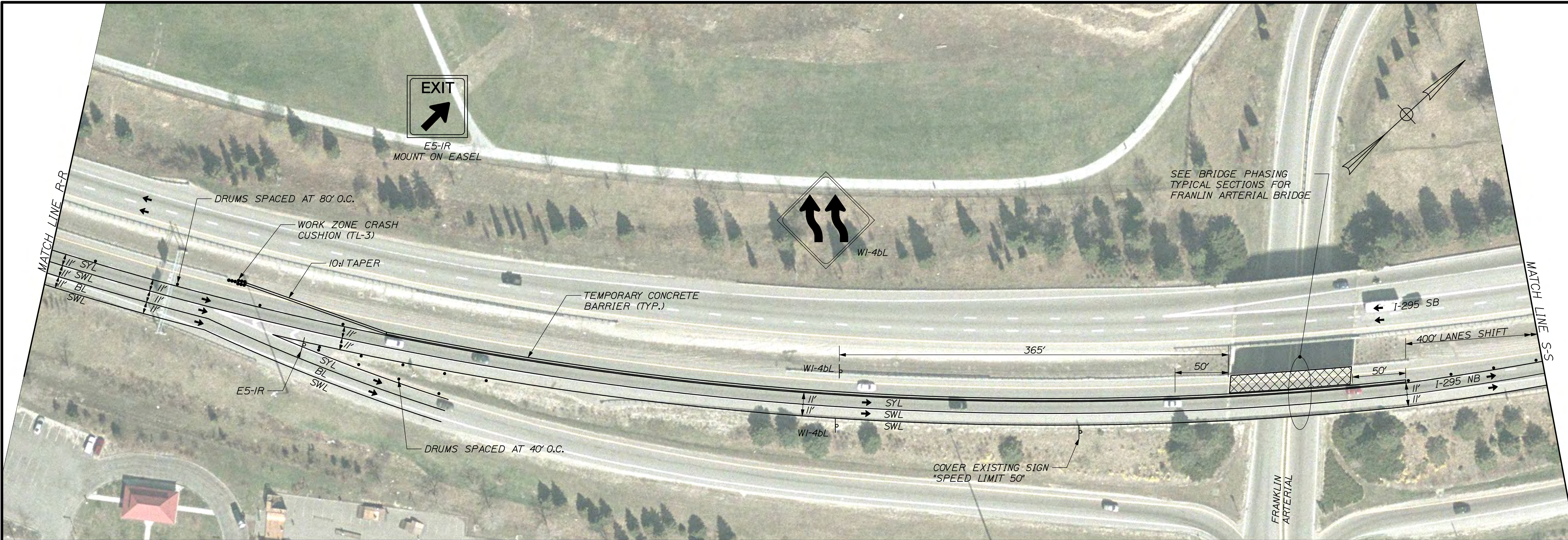
PHASE III SHEET 4 of 6

SHEET NUMBER		INTERSTATE 295 NORTHBOUND WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.) PORTLAND CUMBERLAND COUNTY										STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
91 OF 111		TRAFFIC CONTROL PLAN										IM-1792(910)E	
		PROJECT MANAGER		DESIGN-DETAILED		CHECKED-REVIEWED		DATE		SIGNATURE			
		RWJ		MPC		1/12							
		-		TRC		1/12							
		-		-		-							
		DESIGN2-DETAILED2		-		-		P.E. NUMBER					
		REVISIONS 1		-		-							
		REVISIONS 2		-		-							
		REVISIONS 3		-		-							
		REVISIONS 4		-		-		DATE					
		FIELD CHANGES		-		-		BRIDGE NO. VARIES					
								PIN					
								17929.10					
								BRIDGE PLANS					









**STRIPING LEGEND**

SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

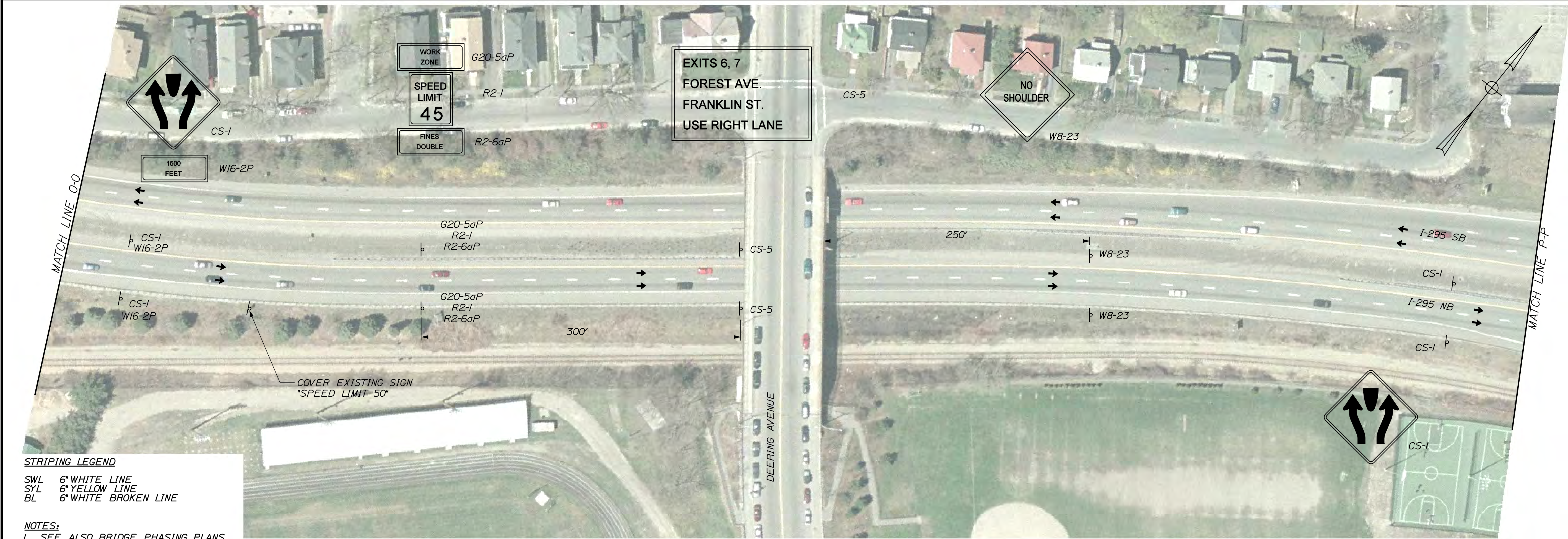
NOT TO SCALE

WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.)

PHASE III SHEET 6 of 6

SHEET NUMBER										STATE OF MAINE																			
93 OF 111										DEPARTMENT OF TRANSPORTATION																			
										IM-1792(910)E																			
										BRIDGE NO. VARIES										PIN 17929.10									
										BRIDGE PLANS																			
INTERSTATE 295 NORTHBOUND WORK ZONE 3 & 4 (FORE RIVER TO FRANKLIN ART.) PORTLAND CUMBERLAND COUNTY TRAFFIC CONTROL PLAN										PROJ. MANAGER		DOE		BY		DATE													
										DESIGN DET. ALEJ		JWH		MPC		1/12													
										DESIGN REV. ALEJ		DOE		TRC		1/12													
										DESIGN DET. ALEJ		DOE		MPC		1/12													
										DESIGN DET. ALEJ		DOE		TRC		1/12													
										DESIGN DET. ALEJ		DOE		MPC		1/12													
										DESIGN DET. ALEJ		DOE		TRC		1/12													
										DESIGN DET. ALEJ		DOE		MPC		1/12													
										DESIGN DET. ALEJ		DOE		TRC		1/12													
										DESIGN DET. ALEJ		DOE		MPC		1/12													





**STRIPING LEGEND**

SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

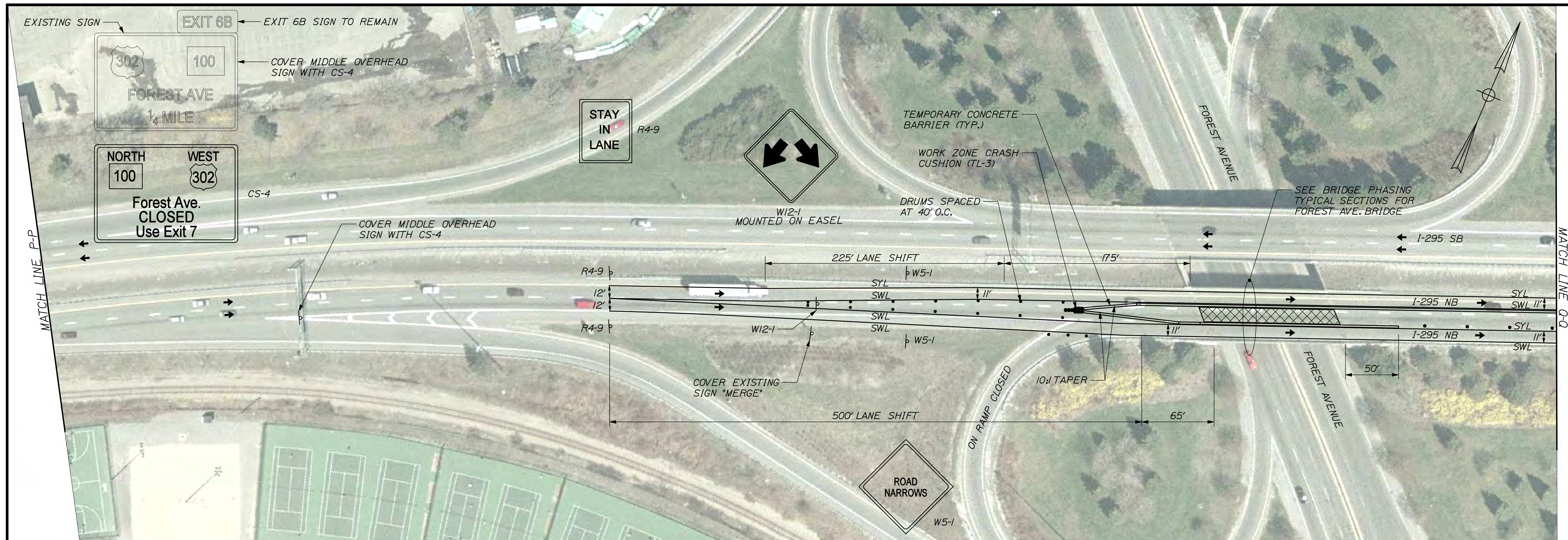
NOT TO SCALE

WORK ZONE 4 (FOREST AVE. TO FRANKLIN ART.)

PHASE II SHEET 1 of 3

STATE OF MAINE		DATE		BY		DGE		PROJ. MANAGER		INTERSTATE 295 NORTHBOUND		SHEET NUMBER	
DEPARTMENT OF TRANSPORTATION		12/21		MPC		TRC		DESIGN-DETAILED		WORK ZONE 4 (FOREST AVE. TO FRANKLIN ART.)		94	
IM-1792(910)E		12/21		DGE		TRC		CHECKED-REVIEWED		PORTLAND CUMBERLAND COUNTY		OF 111	
BRIDGE NO. VARIES		P.E. NUMBER		DESIGN2-DETAILED2		DESIGN3-DETAILED3		DESIGN4-DETAILED4		TRAFFIC CONTROL PLAN			
PIN 17929.10		DATE		REVISIONS 1		REVISIONS 2		REVISIONS 3					
BRIDGE PLANS				REVISIONS 4		FIELD CHANGES							





DEPARTMENT OF TRANSPORTATION STATE OF MAINE	
IM-1792(910)E	
BRIDGE NO. VARIES	PIN 17929.10
BRIDGE PLANS	

SIGNATURE \_\_\_\_\_

P.E. NUMBER \_\_\_\_\_

DATE \_\_\_\_\_

PROJ. MANAGER	DGE	BY	DATE
DESIGN-DETAILED	RWH	MPC	12/11
CHECKED-REVIEWED	DGE	TRC	12/11
DESIGN2-DETAILED2	—	—	—
DESIGN3-DETAILED3	—	—	—
REVISIONS 1	—	—	—
REVISIONS 2	—	—	—
REVISIONS 3	—	—	—
REVISIONS 4	—	—	—
FIELD CHANGES	—	—	—

INTERSTATE 295 NORTHBOUND  
WORK ZONE 4 (FOREST AVE. TO FRANKLIN ART.)  
PORTLAND CUMBERLAND COUNTY

---

TRAFFIC CONTROL  
PLAN

SHEET NUMBER

95

OF 111





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.  
3. CONTRACTOR SHALL ACCESS WORK ZONE FROM TRAILING END OF RT MAINLINE LANE.

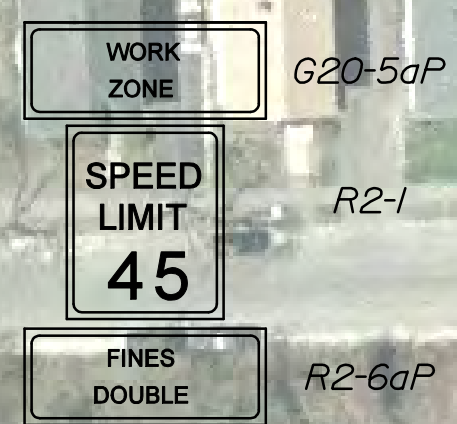
NOT TO SCALE

WORK ZONE 4 (FOREST AVE. TO FRANKLIN ART.)

PHASE II SHEET 3 of 3

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17929.10		BRIDGE NO. VARIES		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		WORK ZONE 4 (FOREST AVE. TO FRANKLIN ART.)		PORTLAND		CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		SHEET NUMBER	
DATE		BY		SIGNATURE		P.E. NUMBER		DATE		96	
12/21		MPC		TRC		-		-		OF 111	
12/21		DCE		RWH		-		-			
-		-		DESIGN2-REVIEWED		-		-			
-		-		DESIGN3-DETAILED3		-		-			
-		-		REVISIONS 1		-		-			
-		-		REVISIONS 2		-		-			
-		-		REVISIONS 3		-		-			
-		-		REVISIONS 4		-		-			
-		-		FIELD CHANGES		-		-			





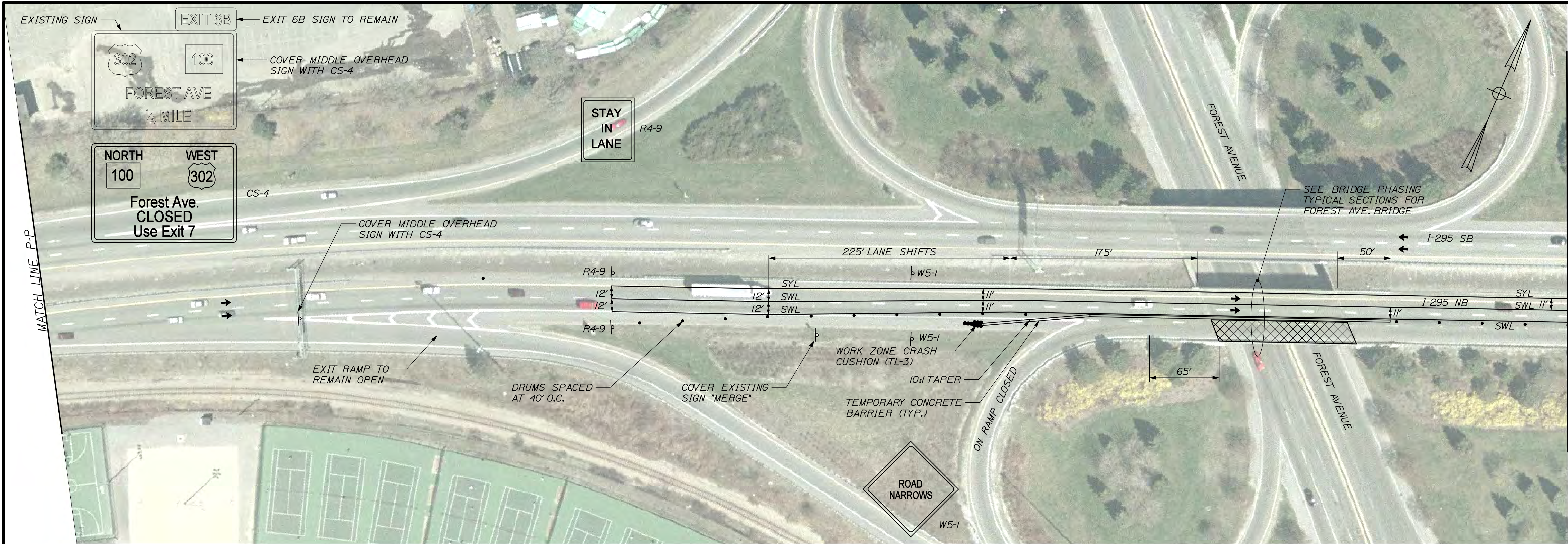
NOTES:

1. SEE ALSO BRIDGE PHASING PLANS
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

PHASE I SHEET 1 of 3

<div>SHEET NUMBER</div> <div>97</div> <div>OF 111</div>	INTERSTATE 295 NORTHBOUND				STATE OF MAINE			
	WORK ZONE 4 (FOREST AVE. TO FRANKLIN ART.)				DEPARTMENT OF TRANSPORTATION			
	PORTLAND CUMBERLAND COUNTY							
	TRAFFIC CONTROL PLAN				IM-1792(910)E			
					BRIDGE NO. VARIES			
					PIN			
					17929.10			
					BRIDGE PLANS			
PROJ. MANAGER		DWG.	BY	DATE				
DESIGN-DETAILED		RWH	MPC	12-11				
CHECKED-REVIEWED		DGE	TGC	12-11	SIGNATURE			
DESIGNS-DETAILED		-	-	-				
DESIGNS-DETAILED		-	-	-	P.E. NUMBER			
REVISIONS 1		-	-	-				
REVISIONS 2		-	-	-				
REVISIONS 3		-	-	-	DATE			
REVISIONS 4		-	-	-				
FIELD CHANGES		-	-	-				





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.  
3. CONTRACTOR SHALL ACCESS PREBLE STREET WORK ZONE FROM TRAILING END OF ON-RAMP LANE.

NOT TO SCALE

WORK ZONE 4 (FOREST AVE. TO FRANKLIN ART.)

PHASE I SHEET 2 of 3

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN 17929.10		BRIDGE NO. VARIES		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		WORK ZONE 4 (FOREST AVE. TO FRANKLIN ART.)		PORTLAND		CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		SHEET NUMBER	
DATE		BY		SIGNATURE		P.E. NUMBER		DATE		98	
12/21		MPC		TRC		-		-		OF 111	
12/21		RWH		DCE		-		-			
DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN2-DETAILED2		DESIGN3-DETAILED3		REVISIONS 1			
-		-		-		-		REVISIONS 2			
-		-		-		-		REVISIONS 3			
-		-		-		-		REVISIONS 4			
-		-		-		-		FIELD CHANGES			





STRIPING LEGEND

SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

NOTES:  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

WORK ZONE 4 (FOREST AVE. TO FRANKLIN ART.)

PHASE I SHEET 3 of 3

99										STATE OF MAINE																																																																															
OF 111										DEPARTMENT OF TRANSPORTATION																																																																															
SHEET NUMBER										IM-1792(910)E																																																																															
										PIN										BRIDGE NO. VARIES										17929.10										BRIDGE PLANS																																																	
										DATE										SIGNATURE										P.E. NUMBER										DATE																																																	
										FIELD CHANGES										REVISIONS 4										REVISIONS 3										REVISIONS 2										REVISIONS 1																																							
TRAFFIC CONTROL PLAN										DESIGN3-DETAILED3										DESIGN2-DETAILED2										DESIGN-DETAILED										CHECKED-REVIEWED										RWH										DGE										BY										DATE									
INTERSTATE 295 NORTHBOUND										PORTLAND										CUMBERLAND COUNTY										WORK ZONE 4 (FOREST AVE. TO FRANKLIN ART.)										PROJ. MANAGER										MPC										TRC										12/11										12/11									





STRIPING LEGEND  
 SWL 6" WHITE LINE  
 SYL 6" YELLOW LINE  
 BL 6" WHITE BROKEN LINE

NOTES:  
 1. SEE ALSO BRIDGE PHASING PLANS  
 2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

NOT TO SCALE

WORK ZONE 5 (WASHINGTON AVENUE ON RAMP)

PHASE I SHEET 1 of 1

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		BRIDGE NO. VARIES		PIN 17929.10		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		WORK ZONE 5 (WASHINGTON AVE. ON RAMP)		PORTLAND CUMBERLAND COUNTY		TRAFFIC CONTROL PLAN		SHEET NUMBER		100	
PROJECT MANAGER		DESIGN-DETAILED		CHECKED-REVIEWED		DESIGN-3-DETAILED		REVISIONS 1		REVISIONS 2	
BY		MPC		TRC		-		-		-	
DATE		12/21		12/21		-		-		-	
SIGNATURE		P.E. NUMBER		DATE		-		-		-	
FIELD CHANGES		-		-		-		-		-	





**STRIPING LEGEND**  
SWL 6" WHITE LINE  
SYL 6" YELLOW LINE  
BL 6" WHITE BROKEN LINE

**NOTES:**  
1. SEE ALSO BRIDGE PHASING PLANS  
2. SEE GENERAL NOTES FOR TRAFFIC CONTROL RELATED NOTES.

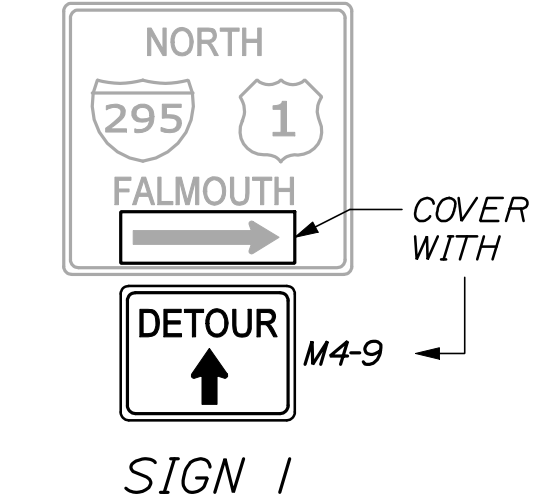
NOT TO SCALE

WORK ZONE 5 (WASHINGTON AVENUE ON RAMP)

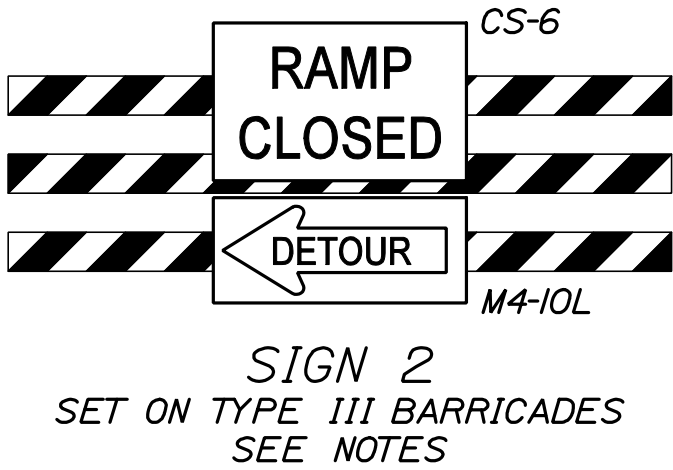
PHASE II SHEET 1 of 1

SHEET NUMBER										STATE OF MAINE									
101										DEPARTMENT OF TRANSPORTATION									
										IM-1792(910)E									
										BRIDGE NO. VARIES									
										PIN 17929.10									
BRIDGE PLANS																			
INTERSTATE 295 NORTHBOUND																			
WORK ZONE 5 (WASHINGTON AVE. ON RAMP)																			
PORTLAND CUMBERLAND COUNTY																			
TRAFFIC CONTROL PLAN																			
PROJ. MANAGER										DOE									
DESIGN-DETAILED										RWH									
CHECKED-REVIEWED										DOE									
SIGNATURE																			
DESIGN2-DETAILED2										-									
DESIGN3-DETAILED3										-									
P.E. NUMBER																			
REVISONS 1										-									
REVISONS 2										-									
REVISONS 3										-									
REVISONS 4										-									
DATE																			
FIELD CHANGES										-									

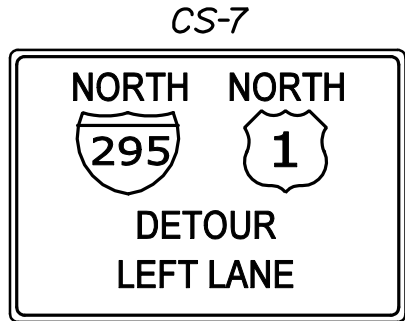




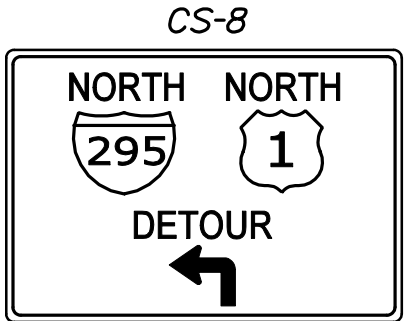
SIGN 1



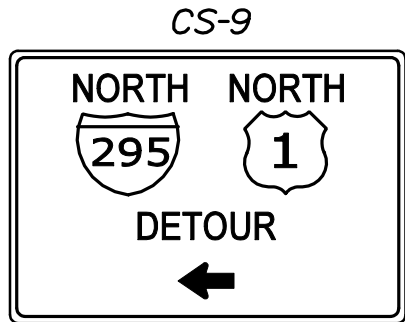
SIGN 2



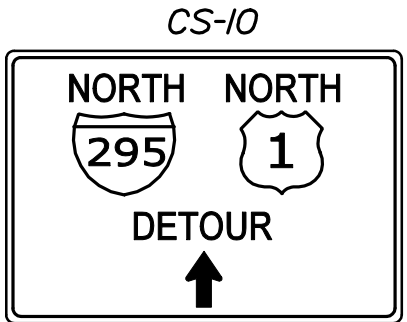
SIGN 3



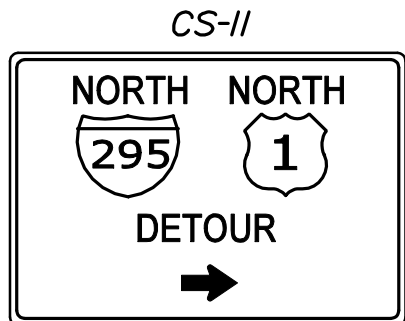
SIGN 4



SIGN 5



SIGN 6



SIGN 7



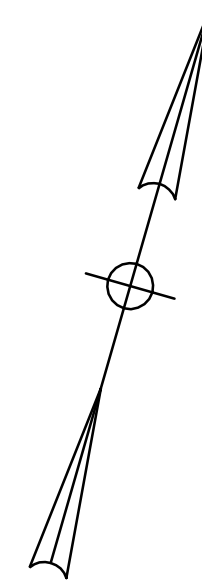
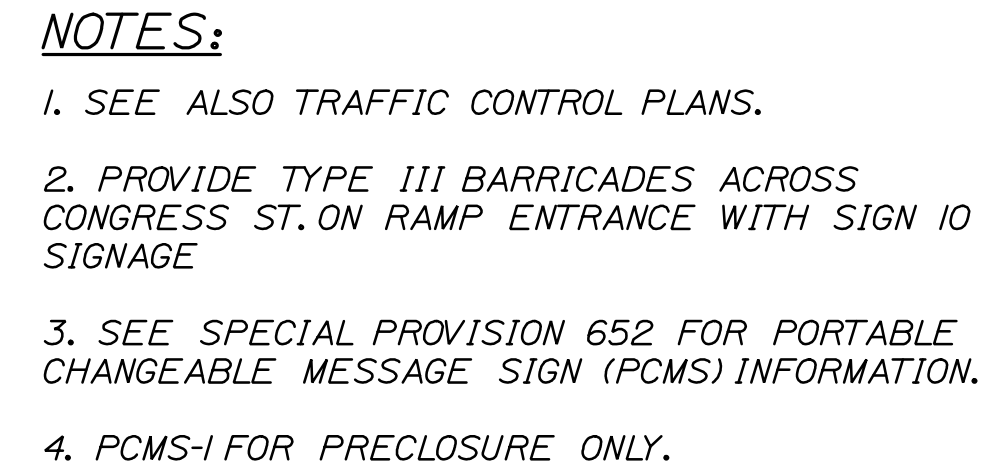
SIGN 8

- NOTES:**
- SEE ALSO TRAFFIC CONTROL PLANS.
  - PROVIDE TYPE III BARRICADES ACROSS PARK AVENUE ON RAMP ENTRANCE WITH SIGN 2 SIGNAGE
  - SEE SPECIAL PROVISION 652 FOR PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) INFORMATION.
  - PCMS-1 FOR PRECLOSURE ONLY.

NOT TO SCALE

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1792(910)E		PIN		BRIDGE PLANS	
INTERSTATE 295 NORTHBOUND		PORTLAND		CUMBERLAND COUNTY		PARK AVENUE NB ON RAMP		DETOUR PLAN	
SHEET NUMBER		102		OF 111		BRIDGE NO. 1792S.10		VARIATION	
DATE		BY		DATE		SIGNATURE		P.E. NUMBER	
12/11		BMH		12/11					
CHECKED-REVIEWED		DOE		DOE					
DESIGN-DETAILED									
DESIGN-DETAILED									
REVISIONS 1									
REVISIONS 2									
REVISIONS 3									
REVISIONS 4									
FIELD CHANGES									





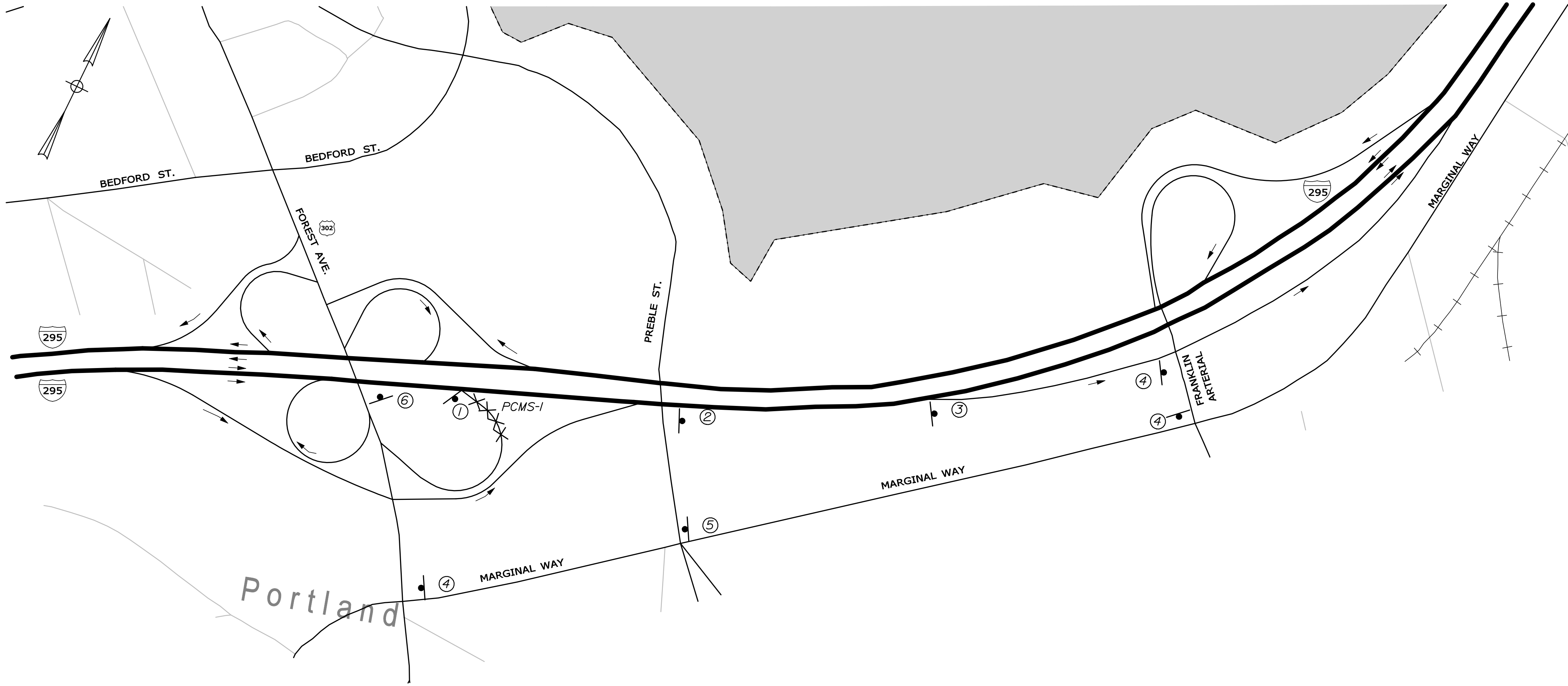
NOT TO SCALE

INTERSTATE 295 NORTHBOUND				STATE OF MAINE			
PORTLAND				DEPARTMENT OF TRANSPORTATION			
CUMBERLAND COUNTY				IM-1792(910)E			
CONGRESS STREET NB ON RAMP				PIN			
DETOUR PLAN				BRIDGE NO. Varies			
				17929.10			
				BRIDGE PLANS			

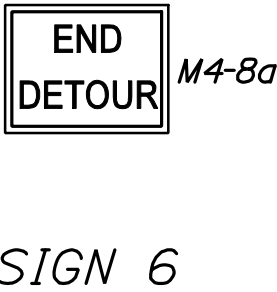
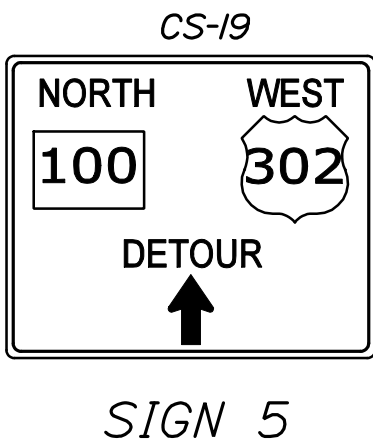
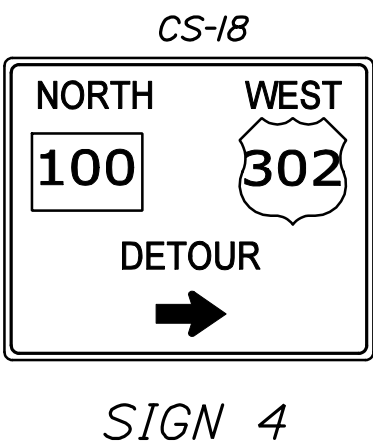
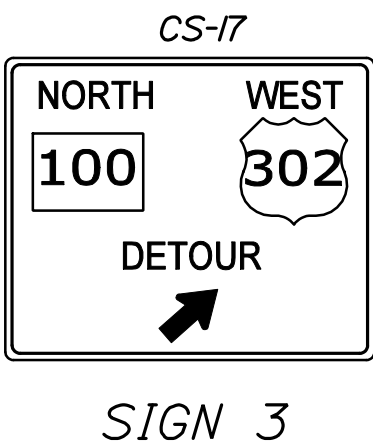
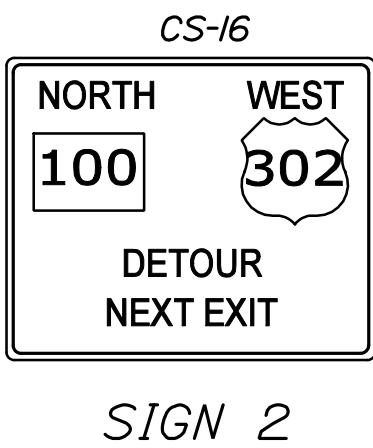
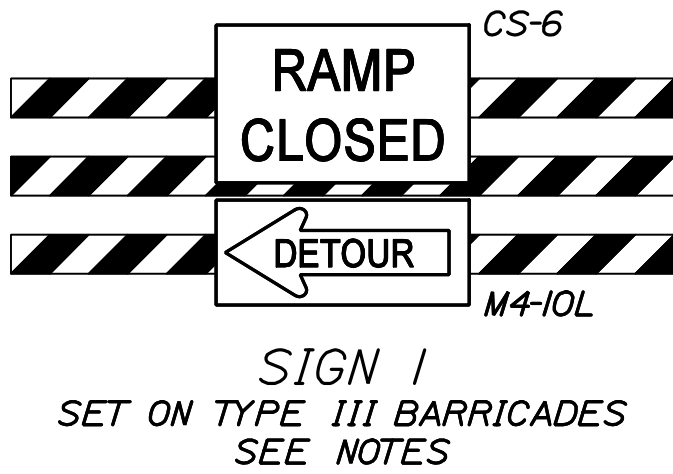








- NOTES:**
- SEE ALSO TRAFFIC CONTROL PLANS.
  - PROVIDE TYPE III BARRICADES ACROSS FOREST AVE.OFF RAMP ENTRANCE WITH SIGN 1 SIGNAGE
  - SEE SPECIAL PROVISION 652 FOR PORTABLE CHANGEABLE MESSAGE SIGN (PCMS) INFORMATION.
  - PCMS-1 FOR PRECLOSURE ONLY.



NOT TO SCALE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	SIGNATURE	
	P.E. NUMBER	
	DATE	
INTERSTATE 295 NORTHBOUND PORTLAND CUMBERLAND COUNTY	BRIDGE NO.	17923.10
FOREST AVENUE NB OFF RAMP DETOUR PLAN	BRIDGE PLANS	
SHEET NUMBER		105
OF 111		





**295** NORTH  
BRIDGE WORK  
EXPECT DELAYS  
Seek ALT Route

CS-20, CS-25

WIDE LOADS OVER 10'-0"  
PROHIBITED  
I-295 NB PORTLAND  
USE **95** NORTH

WL-1

WIDE LOADS OVER 10'-0"  
PROHIBITED  
I-295 NB PORTLAND

WL-2

WIDE LOADS  
OVER 10'-0"  
PROHIBITED

WL-3

NB  
RAMP  
METERED  
3-6PM

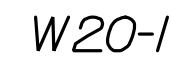
CS-21

NOTE:  
1. SEE ALSO TRAFFIC CONTROL PLANS.  
2. SEE SPECIAL PROVISION 652 FOR PORTABLE  
CHANGEABLE MESSAGE SIGN (PCMS) INFORMATION.

NOT TO SCALE

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		INTERSTATE 295 NORTHBOUND PORTLAND CUMBERLAND COUNTY	
IM-1792(910)E		LOCAL SIGNING PLAN	
BRIDGE NO.	Varies	SHEET NUMBER	106
PIN	1792S.10	OF 111	
BRIDGE PLANS			
PROJ. MANAGER	DOE	BY	DATE
DESIGN-DETAILED	RM	BH	12/11
CHECKED-REVIEWED	DOE	TR	12/11
DESIGN-DETAILED	-	-	-
DESIGN-DETAILED	-	-	-
REVISIONS 1	-	-	-
REVISIONS 2	-	-	-
REVISIONS 3	-	-	-
REVISIONS 4	-	-	-
FIELD CHANGES	-	-	-
SIGNATURE		P.E. NUMBER	
DATE		DATE	


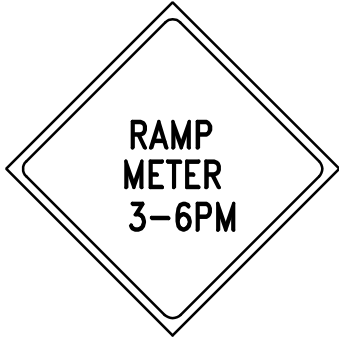
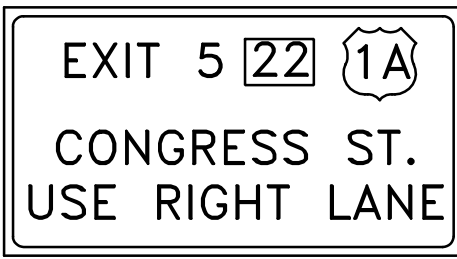
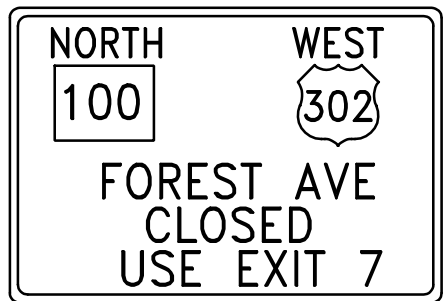
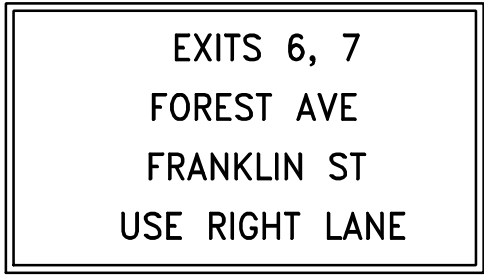

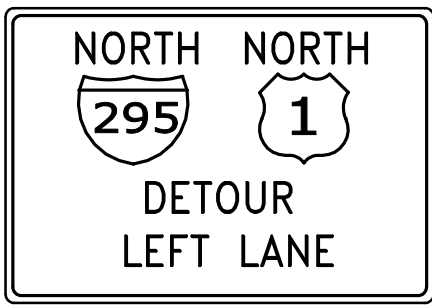
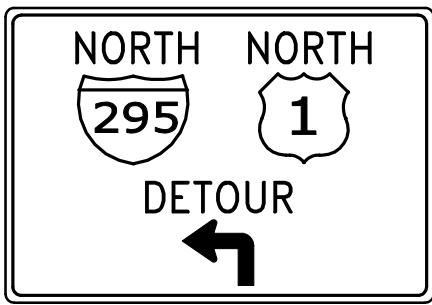
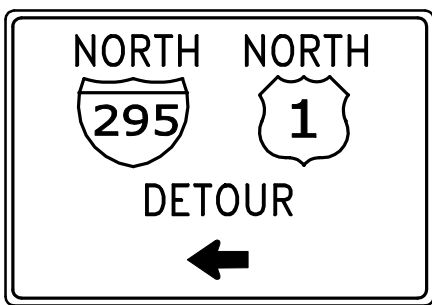
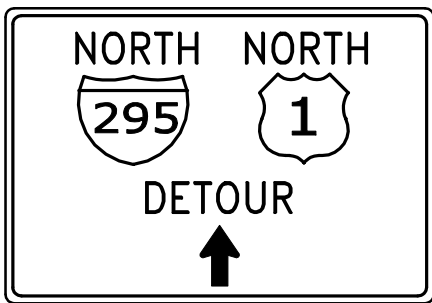




5. CS-18 AND W20-1 SIGNS TO BE LOCATED ALONG THE LEFT AND RIGHT SIDE OF THE OFF RAMP PRIOR TO THE I-295 TOLL PLAZA.

[illegible]



IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
CS-1	48"	48"		SEE SPECIAL PROVISION 652 FOR TEXT DIMENSIONS			10	ORANGE	BLACK		16.00 (160)
CS-2	48"	48"					1	YELLOW	BLACK		16.00 (16)
CS-3	144"	66"					2	ORANGE	BLACK		66.00 (132)
CS-4	114"	102"					2	ORANGE	BLACK		80.75 (161.5)
CS-5	144"	78"					2	ORANGE	BLACK		78.00 (156)
CS-6	48"	30"					4	WHITE	BLACK		10.00 (40)
CS-7	72"	60"					2	ORANGE	BLACK		30.00 (60)
CS-8	72"	60"					5	ORANGE	BLACK		30.00 (150)
CS-9	72"	60"					4	ORANGE	BLACK		30.00 (120)
CS-10	72"	60"					6	ORANGE	BLACK		30.00 (180)

Z SIGNS PROVIDED BY MAINE DOT

IDENTIFICATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK-GROUND	LEGEND BORDER		
CS-11	72"	60"		SEE SPECIAL PROVISION 652 FOR TEXT DIMENSIONS			4	ORANGE	BLACK		30.00 (120)
CS-12	72"	60"					/	ORANGE	BLACK		30.00 (30)
CS-13	72"	60"					2	ORANGE	BLACK		30.00 (60)
CS-14	36"	72"					/	ORANGE	BLACK		18.00 (18)
CS-15	120"	24"					/	ORANGE	BLACK		20.00 (20)
CS-16	72"	72"					/	ORANGE	BLACK		36.00 (36)
CS-17	72"	72"					/	ORANGE	BLACK		36.00 (36)
CS-18	72"	60"					3	ORANGE	BLACK		30.00 (90)
CS-19	72"	60"					/	ORANGE	BLACK		30.00 (30)

\* *UNDETERMINED LOCATION*

NOTE: INFORMATION SHOWN REFLECTS SIGNAGE FOR BRIDGE TRAFFIC CONTROL PLANS ONLY. ADDITIONAL SIGNAGE IS REQUIRED FOR HIGHWAY PRESERVATION WORK AND FOR NIGHT TIME LANE CLOSURES.

INTERSTATE 295 NORTHBOUND					PROJ. MANAGER	DCE	BY	DATE
ALL PHASES					CHECKED-DETAILED	BBM	TRC	1/12
PORTLAND CUMBERLAND COUNTY					CHECKED-REVIEWED	DCE	TRC	1/12
					DESIGN-DETAILED2	-	-	SIGNATURE
					DESIGN3-DETAILED3	-	-	
					REVISIONS 1	-	-	P.E. NUMBER
					REVISIONS 2	-	-	
					REVISIONS 3	-	-	
					REVISIONS 4	-	-	DATE
					FIELD CHANGES	-	-	

SHEET NUMBER

108

OF 111



CONSTRUCTION SIGN SUMMARY

IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
CS-20	96"	48"		SEE SPECIAL PROVISION 652 FOR TEXT DIMENSIONS			3	ORANGE	BLACK		32.00 (96)
CS-21	48"	48"					2	YELLOW	BLACK		16.00 (32)
CS-22	216"	78"					3	ORANGE	BLACK		117.00 (351)
CS-23	168"	54"					2	ORANGE	BLACK		63.00 (126)
CS-24	84"	60"					1	ORANGE	BLACK		35.00 (35)
CS-25	144"	60"					3	ORANGE	BLACK		60.00 (180)

\* UNDETERMINED LOCATION

IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
E5-1R	48"	42"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS"			6	COLORS SHALL CONFORM TO STANDARD HIGHWAY SIGN DETAILS			14.00 (84)
E5-2	48"	36"					1				12.00 (12)
G20-1 (1)	48"	24"					2				8.00 (16)
G20-1 (4)	48"	24"					2				8.00 (16)
G20-1 (5)	48"	24"					2				8.00 (16)
G20-2	48"	24"					5				8.00 (40)
G20-5aP	36"	24"					13				6.00 (78)
M4-8	24"	12"					1				2.00 (2)
M4-8a	24"	18"					4				3.00 (12)
M4-9	30"	24"					1				5.00 (5)
M4-10L	48"	18"					4				6.00 (24)
M6-3	21"	15"					2				2.20 (4.4)

NOTE: INFORMATION SHOWN REFLECTS SIGNAGE FOR BRIDGE TRAFFIC CONTROL PLANS ONLY. ADDITIONAL SIGNAGE IS REQUIRED FOR HIGHWAY PRESERVATION WORK AND FOR NIGHT TIME LANE CLOSURES.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
IM-1792(910)E

BRIDGE NO. VARIES  
PIN 17929.10  
BRIDGE PLANS

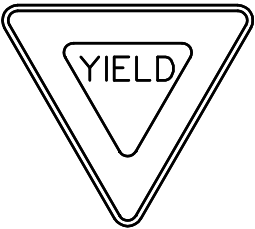




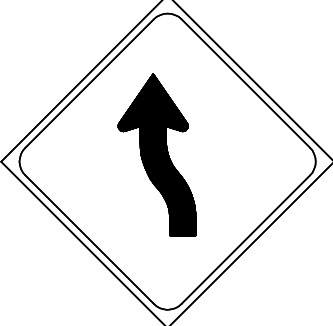

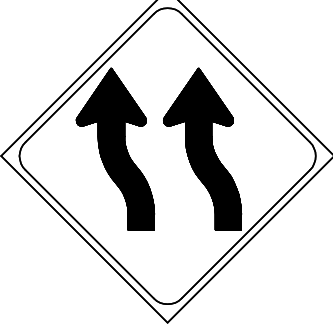

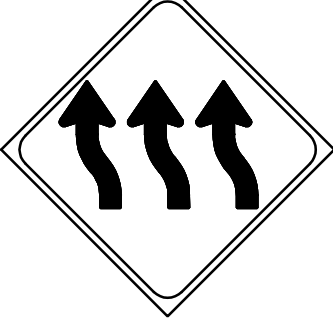

INTERSTATE 295 NORTHBOUND  
ALL PHASES  
PORTLAND CUMBERLAND COUNTY

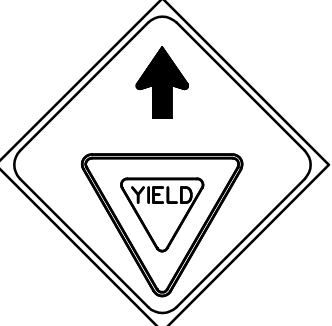
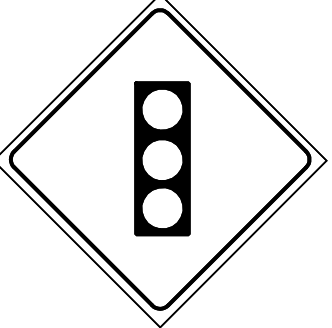

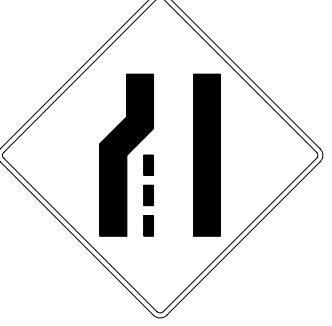
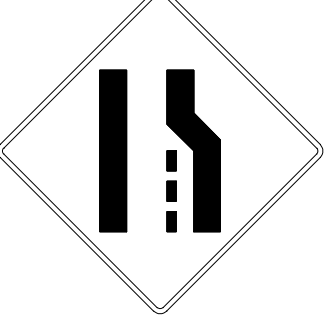
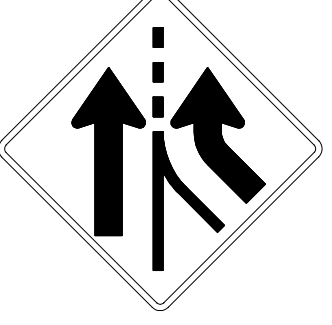




SIGN SUMMARY

SHEET NUMBER  
109  
OF 111



CONSTRUCTION SIGN SUMMARY

IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
RI-2	60"	60" x 60"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS"			3	COLORS SHALL CONFORM TO STANDARD HIGHWAY SIGN DETAILS			12.50 (37.5)
R2-1 (45)	48"	60"					13				20.00 (260)
R2-6aP	36"	24"					13				6.00 (78)
R4-9	48"	60"					10				20.00 (200)
RI0-6	24"	36"					1				6.00 (6)
WI-4L	48"	48"					6				16.00 (96)
WI-4R	48"	48"					4				16.00 (64)
WI-4bL	48"	48"					8				16.00 (128)
WI-4bR	48"	48"					10				16.00 (160)
WI-4cL	48"	48"					2				16.00 (32)
WI-4cR	48"	48"					2				16.00 (32)

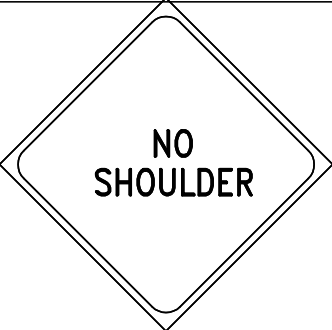

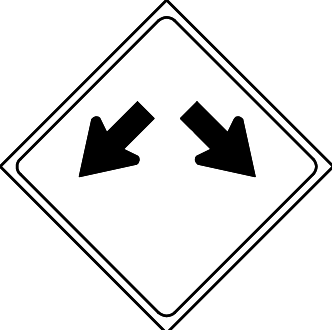




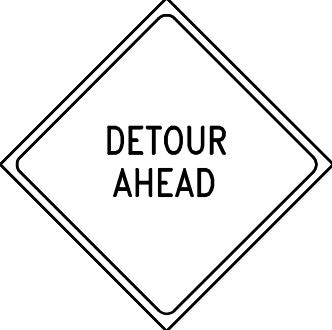


IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
W3-2	48"	48"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS"			3	COLORS SHALL CONFORM TO STANDARD HIGHWAY SIGN DETAILS			16.00 (48)
W3-3	48"	48"					1				16.00 (16)
W3-4	48"	48"					1				16.00 (16)
W4-2L	48"	48"					2				16.00 (32)
W4-2R	48"	48"					5				16.00 (80)
W4-3	48"	48"					2				16.00 (32)
W5-1	48"	48"					9				16.00 (144)
W5-4	48"	48"					4				16.00 (64)
W7-3aP (2)	36"	30"					2				7.50 (15)
W7-3aP (1)	36"	30"					2				7.50 (15)

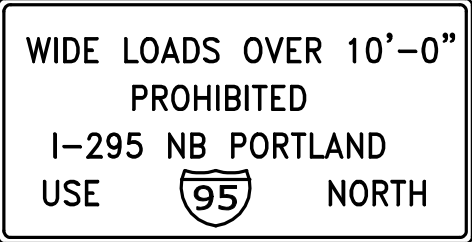
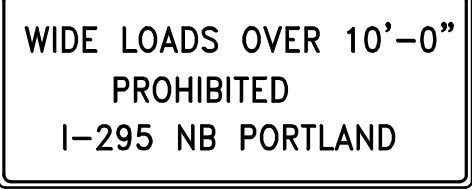
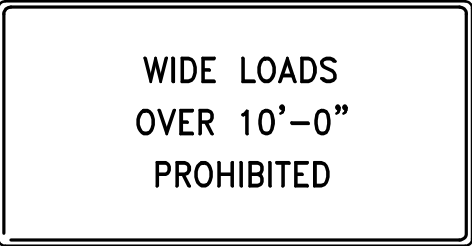
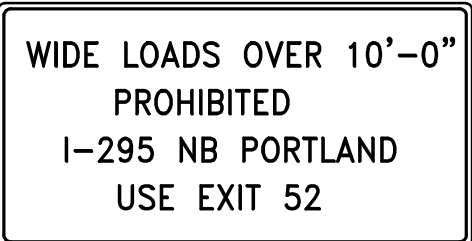
NOTE: INFORMATION SHOWN REFLECTS SIGNAGE FOR BRIDGE TRAFFIC CONTROL PLANS ONLY. ADDITIONAL SIGNAGE IS REQUIRED FOR HIGHWAY PRESERVATION WORK AND FOR NIGHT TIME LANE CLOSURES.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1792(910)E	SIGNATURE				P.E. NUMBER				DATE											
	BY				DATE				DATE											
	DOE				DATE				DATE											
INTERSTATE 295 NORTHBOUND ALL PHASES PORTLAND CUMBERLAND COUNTY										SHEET NUMBER										
SIGN SUMMARY										110										
										OF 111										



CONSTRUCTION SIGN SUMMARY

IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
W8-23	48"	48"		TEXT DIMENSIONS SHALL CONFORM TO "STANDARD HIGHWAY SIGNS"			6	COLORS SHALL CONFORM TO STANDARD HIGHWAY SIGN DETAILS			16.00 (96)
W9-1	48"	48"					2				16.00 (32)
W12-1	36"	36"					3				16.00 (48)
W13-3	48"	60"					1				20.00 (20)
W16-2P (500)	30"	24"					2				5.00 (10)
W16-2P (1500)	30"	24"					4				5.00 (20)
W20-1	48"	48"					22				16.00 (352)
W20-2	48"	48"					2				16.00 (32)
W20-5L	48"	48"					2				16.00 (32)
W20-5R	48"	48"					3				16.00 (48)

IDENTIFI- CATION NUMBER	SIZE OF SIGN		TEXT	TEXT DIMENSIONS (INCHES)			NUMBER OF SIGNS REQUIRED	COLOR		BORDER RADIUS	AREA IN SQUARE FEET
	WIDTH	HEIGHT		LETTER HEIGHT	VERTICAL SPACING	ARROW RTE. MKR.		BACK- GROUND	LEGEND BORDER		
WL-1	198"	66"		SEE SPECIAL PROVISION 652 FOR TEXT DIMENSIONS			2	WHITE	BLACK		90.75 (181.5)
WL-2	108"	36"					9	WHITE	BLACK		27.00 (243)
WL-3	66"	36"					1	WHITE	BLACK		16.50 (16.5)
WL-4	198"	72"					2	WHITE	BLACK		99.00 (198)

NOTE: INFORMATION SHOWN REFLECTS SIGNAGE FOR BRIDGE TRAFFIC CONTROL PLANS ONLY. ADDITIONAL SIGNAGE IS REQUIRED FOR HIGHWAY PRESERVATION WORK AND FOR NIGHT TIME LANE CLOSURES.

STATE OF MAINE  
DEPARTMENT OF TRANSPORTATION  
IM-1792(910)E

BRIDGE NO. VARIES  
PIN  
17929.10  
BRIDGE PLANS

INTERSTATE 295 NORTHBOUND  
ALL PHASES  
PORTLAND CUMBERLAND COUNTY

SIGN SUMMARY

SHEET NUMBER  
111  
OF 111