

I-295 Southbound, Falmouth-South Portland

PIN 17793.00 (2010 & 2011)

Bridge Joint Rehabilitation Information

Southbound Bridges	Bridge Number	Joint Type (North)	M/R*	Joint Type (South)	M/R*
Presumpscot River	1505	5 (Rev. 1)	R	3	R
Kensington Street	5618	N/A	---	N/A	---
SLARR/CNRR	5616	2 ¹	M/R	2	M
Sherwood Street	5617	N/A	---	N/A	---
Washington Avenue	0816	4	M	4	M
Tukey's	3088	7	M	7	M
Franklin Street	6300	2	M	2	M
Preble Street	6299	2	M	2	M
Forest Avenue	6298	2	M	2	M
St. John Street	6297	2	M	5 (Rev. 1)	R
PTRR-St. John Street	6296	5 (Rev. 1)	R	2	M
St. James Street	6295	5 (Rev. 1)	R	2	M
Congress St. & Park Ave.	6294	2	M	2	M
Portland Connector	6292	2	M	2	M
PTRR (Fore River)	6291	2	M	2	M
Fore River	6281	5 ²	R	5 ²	R
Westbrook Street	6249	6 ³	R	1	M
State Route 703	1513	7 ⁴	M	7 ⁴	M

* M = Modification R = Replacement

¹ Modified backwall side per Contract Mod #17² Added steel bar to both sides per Contract Mod #10³ Replaced with slab over backwall⁴ This is a different Type 7 than at Tukey's
(replaced seal & added elastomeric concrete, only)

**MaineDOT**

Maine Department of Transportation

Contract Modification

4/11/2011 4:54 PM

FieldManager 4.5a

Contract: 015634.00, FALMOUTH TO SCARBOROUGH, HIGHWAY & BRIDGE IMPROVE

Cont. Mod. Number	Revision Number	Cont. Mod. Date	Net Change	Awarded Contract Amount
10	1	4/11/2011	\$75,631.66	\$11,751,158.33
Route I-295 SB				
Contract Location I-295 SB				

Short Description

Reconstruct 2 Type 5 bridge joints on Fore-River Bridge

Description of Changes

Reconstruct both of the type 5 bridge joints on the Fore River bridge according to sketches by Bill Doukas dated 1/11/10 (1/11/11?). This work provides and installs all of the labor, material and equipment needed to complete the work shown on the sketches. All of the quality requirements of the joints installed under the original bid also apply to this contract modification.

The intent of this contract modification is to implement Lanes Change Order Proposal dated 3/29/2011 except the items for :

Remove Pavement Marking
Flexible Reflectorized Delineator - Bolted
Temp Pavement Marking Line

Those 3 items will be addressed in another Contract Modification. Holiday restrictions were not addressed in the proposal and are added below.

No work will be allowed
May 27 beginning at 6 a.m. to May 31 at 7 p.m.
July 1 beginning at 6 a.m. to July 5 at 7 p.m.
September 2 beginning at 6 a.m. to September 6 at 7 p.m.

The cost breakdown provided by Lane was reviewed, checked and considered reasonable for the work being performed. The breakdown used bid rental rates for many of the items. The material price for the elastomeric concrete was supported by an invoice from 2010. The subcontractor price was compared to similar work performed on the Westbrook Street Bridge. The money for Traffic Control was not included on the contract modification. It will be addressed in another contract modification.

The new completion date is June 25, 2011.

Attachments:

Lane Cost Proposal dated 3/29/2011
Lane cost breakdown dated 11/16/2010
Fore River Bridge Joint Mod sketches by Bill Doukas dated 1/11/10 - 2 sheets

Contract Modification

4/11/2011 4:54 PM
FieldManager 4.5a

New Items

Project: 017793.00, FALMOUTH TO SOUTH PORTLAND, BRIDGE DECK WORK

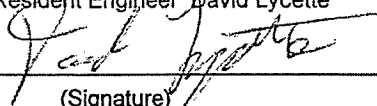
Category: 0001, PROJECT ITEMS

Item Description	Item Code	Prop.Ln.	ItemType	Unit	Proposed Qty.	Unit Price	Dollar Value
BRIDGE JOINT MODIFICATION TYPE 5 2011-Reconstruct type 5 Fore River bridge joints	520.245	1730	CHANGE	EA	2.000	37,815.83000	\$75,631.66

Reason: The joints installed under the original bid documents have a design flaw that causes the concrete at the joint to crack. This will replace that area of concrete. This item will be used for the reconstruction performed in 2011.

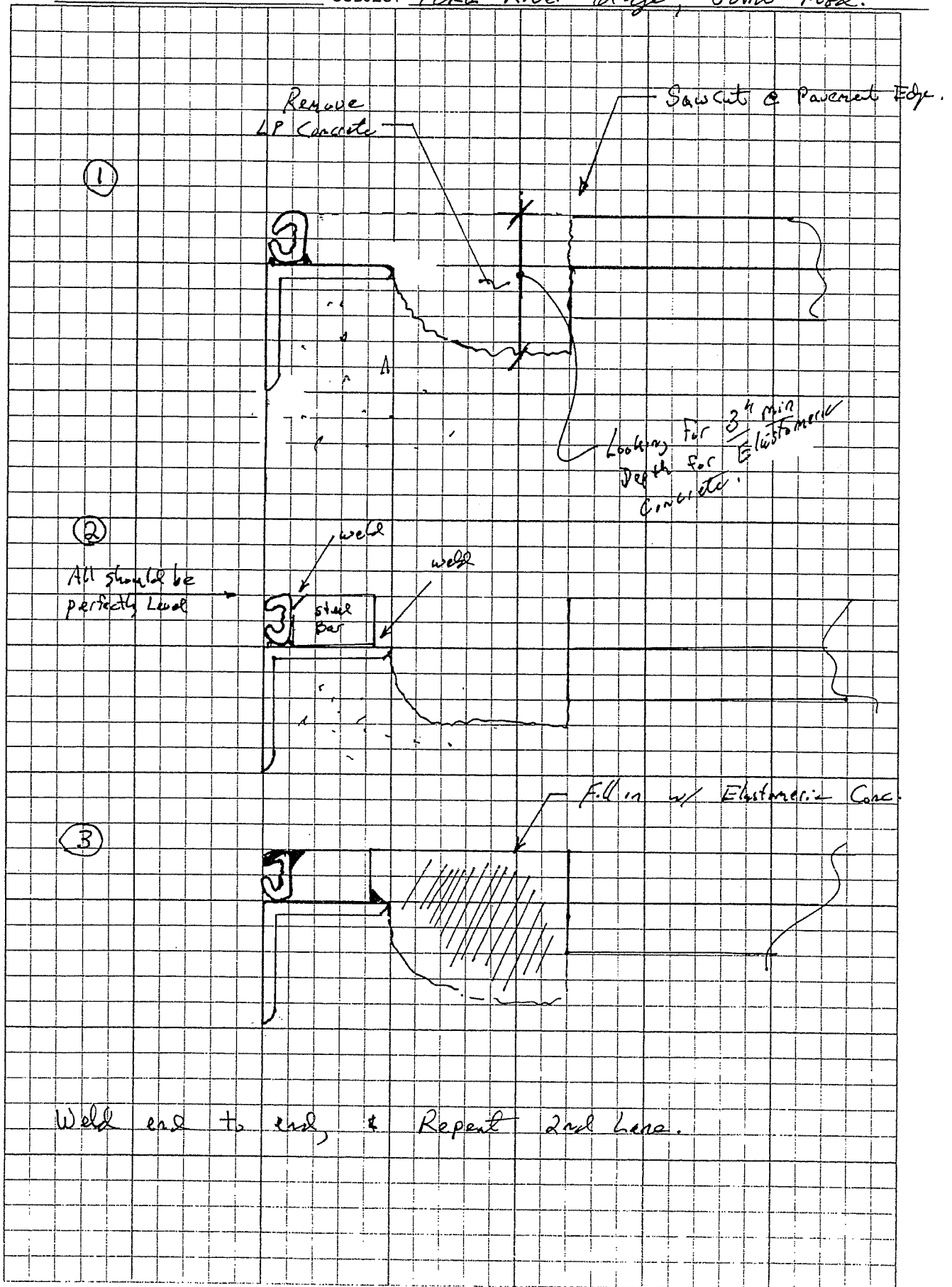
Subtotal for Category 0001: **\$75,631.66**

Subtotal for Project 017793.00: **\$75,631.66**

Resident Engineer David Lycette  (Signature)		4/11/2011 (Date)		Prime Contractor LANE CONSTRUCTION CORPORATION (THE) _____ (Signature)		_____ (Date)			
Assistant Project Manager _____ (Signature)		_____ (Date)		Project Manager _____ (Signature)		_____ (Date)			
Assistant Program Manager _____ (Signature)		_____ (Date)		Program Manager _____ (Signature)		_____ (Date)			
Designer _____ (Signature)		_____ (Date)							
FEDERAL PARTICIPATION - ACTION BY F.H.W.A.									
☐ Approved ☐ Not Eligible ☐ See Letter Dated _____				_____ (Signature)				_____ (Date)	

SUBJECT FORE RIVER BRIDGE JOINT MOD

PRELIM. BY B.H. Dawkins, PE DATE 1/11/10 PROJ. NO. _____ FILE NO. _____ OF _____
 FINAL CHK. BY _____ DATE _____ LOCATION _____ SH. NO. 2 OF 2
 ITEM NO. _____ SUBJECT FORE River Bridge, Joint Mod.



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION



MATERIALS

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

BASIC DESIGN STRESSES

Concrete..... $f'_c = 4,350$ psi
Reinforcing Steel..... $f_y = 60,000$ psi

MAINTENANCE OF TRAFFIC

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

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

IM-1779(300)E

PROJECT LENGTH 8.2 mi.

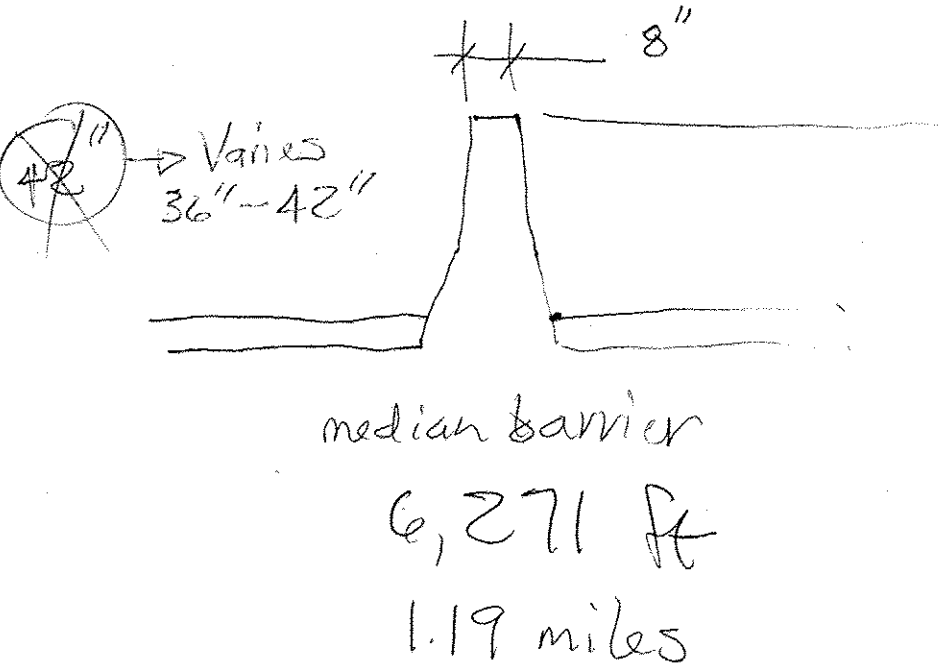
WEARING SURFACE REPLACEMENTS,
DECK REHABILITATIONS, JOINT MODIFICATIONS,
ENDPOST REPLACEMENTS, DRAIN AND
RAILING REPAIRS

BRIDGE NUMBERS:

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

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STATE OF MAINE DEPARTMENT OF TRANSPORTATION	APPROVED	DATE
	COMMISSIONER	4/8/10
CHIEF ENGINEER		4/11/10
SIGNATURE		
P.E. NUMBER		
DATE		
PROJECT INFORMATION		
PROGRAM	Bridge	Jim Wentworth
PROJECT MANAGER	Don Eltinger	INB
DESIGNER	INB	
CONSULTANT		
PROJECT RESIDENT		
CONTRACTOR		
PROJECT COMPLETION DATE		
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORTLAND CUMBERLAND COUNTY		
TITLE SHEET		
SHEET NUMBER		
1		
OF 55		

ITEM NO.	DESCRIPTION	ESTIMATED BRIDGE QUANTITIES																TOTAL	UNIT
		Presumpscot River Br. No. 1505	Kensington Street Br. No. 5618	SLARR/CNRR Br. No. 5616	Sherwood Street Br. No. 5617	Washington Avenue Br. No. 0816	Franklin Arterial Br. No. 6300	Forest Avenue Br. No. 6298	St. John Street Br. No. 6297	PTRR - (St. John) Br. No. 6296	St. James Street Br. No. 6295	Congress St - Park Avenue Br. No. 6294	Portland Connector Br. No. 6292	PTRR (Fore River) Br. No. 6291	Fore River Br. No. 6281	Westbrook Street Br. No. 6249	B239E (State Route 703) Br. No. 1513		
202.202	REMOVING PAVEMENT SURFACE	985	300	875	245	0	735	670	600	620	575	1020	855	1110	2750	650	1050	13040	SY
202.30	REMOVING EXISTING CONCRETE WEARING SURFACE (605 SY)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	LS
502.29	STRUCTURAL CONCRETE WEARING SURFACE ON BRIDGE (38 CY)	0	0	0	0	1	0	0	0	0	0	0	0	0	0	0	0	1	LS
502.70	BRIDGE DRAIN - TYPE A	0	0	8	0	0	0	0	0	0	0	0	0	0	0	0	4	12	EA
502.70	BRIDGE DRAIN - TYPE C	0	0	0	0	0	0	0	0	0	0	0	0	0	20	0	0	20	EA
502.701	BRIDGE DRAIN GRATE MODIFICATION	20	0	0	0	0	0	0	0	0	0	0	0	0	0	4	0	24	EA
507.0926	FURNISH ALUMINUM BRIDGE RAIL COMPONENTS	0.2	0	0	0	0	0.1	0	0	0.2	0	0.2	0	0.2	0.1	0	0	1	LS
507.0927	ALUMINUM BRIDGE RAIL 2 BAR POST REPLACEMENT	4	0	0	0	0	0	0	0	0	0	1	0	2	1	0	0	8	EA
507.0928	ALUMINUM BRIDGE RAIL RAIL SECTION REPLACEMENT	120	0	0	0	0	40	0	0	160	0	160	0	200	40	0	0	720	LF
507.30	ALUMINUM BRIDGE RAIL SPLICE RETROFIT	24	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	24	EA
508.14	HIGH PERFORMANCE WATERPROOFING MEMBRANE (13040 SY)	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.05	0.1	0.15	0.05	0.1	1	LS
515.21	PROTECTIVE COATING FOR CONCRETE SURFACES (1275 SY)	0.04	0.03	0.03	0.03	0.5	0.03	0.03	0.03	0.03	0.03	0.04	0.03	0.04	0.04	0.03	0.04	1	LS
518.39	REPAIRING GRANITE CURB BEDDING MORTAR	0	15	50	15	40	35	40	35	35	35	60	50	45	185	35	70	745	LF
518.50	REPAIR OF UPWARD FACING SURFACES - TO REINFORCING STEEL < 7.9 IN.	570	85	930	105	170	210	190	170	180	170	590	120	640	1980	190	610	6910	SF
518.51	REPAIR OF UPWARD FACING SURFACES - BELOW REINFORCING STEEL < 7.9 IN.	130	40	500	60	40	50	40	40	40	40	130	30	140	450	40	140	1910	SF
518.52	REPAIR OF UPWARD FACING SURFACES > 7.9 IN.	1	1	3	1	1	1	1	1	1	1	1	1	1	2	1	1	19	CY
518.60	REPAIR OF VERTICAL SURFACES < 7.9 IN.	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	10	160	SF
518.61	REPAIR OF VERTICAL SURFACES > 7.9 IN.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	16	CY
520.241	BRIDGE JOINT MODIFICATION TYPE 1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	EA
520.242	BRIDGE JOINT MODIFICATION TYPE 2	0	0	2	0	0	2	2	1	1	1	2	2	2	0	0	0	15	EA
520.243	BRIDGE JOINT MODIFICATION TYPE 3	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	EA
520.244	BRIDGE JOINT MODIFICATION TYPE 4	0	0	0	0	2	0	0	0	0	0	0	0	0	0	0	0	2	EA
520.245	BRIDGE JOINT MODIFICATION TYPE 5	1	0	0	0	0	0	0	0	0	0	0	0	0	2	0	0	3	EA
520.246	BRIDGE JOINT MODIFICATION TYPE 6	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	0	1	EA
520.247	BRIDGE JOINT MODIFICATION TYPE 7	0	0	0	0	0	0	0	1	1	1	0	0	0	0	0	2	5	EA
523.5304	STEEL BEARINGS, EXPANSION, ROCKER	10	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	10	EA
524.301	TEMPORARY STRUCTURAL SUPPORT	1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	1	LS
526.301	TEMPORARY CONCRETE BARRIER - TYPE 1 (9000 LF)	0.05	0.07	0.07	0.07	0.06	0.02	0.02	0.06	0.06	0.06	0.08	0.07	0.02	0.17	0.06	0.06	1	LS
526.34	PERMANENT CONCRETE TRANSITION BARRIER	4	1	0	1	2	4	4	2	0	2	4	4	4	4	4	4	44	EA
527.34	WORK ZONE CRASH CUSHIONS	1	1	0	0	1	1	1	1	0	0	1	1	1	1	1	1	12	UN
627.76	TEMPORARY PAVEMENT MARKING LINE, WHITE OR YELLOW (108,000 LF)	0.11	0.06	0.06	0.06	0.09	0	0	0.05	0.05	0.05	0.05	0.09	0	0.18	0.11	0.04	1	LS
627.77	REMOVING EXISTING PAVEMENT MARKING	1750	650	650	650	1300	0	0	850	850	850	850	1250	0	1900	1500	1550	14600	SF
629.05	HAND LABOR, STRAIGHT TIME	10	10	10	10	10	10	10	10	10	10	10	10	10	20	20	10	180	HR
631.10	AIR COMPRESSOR (INCLUDING OPERATOR)	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	128	HR
631.11	AIR TOOL (INCLUDING OPERATOR)	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	8	128	HR
645.306	FLEXIBLE REFLECTORIZED DELINEATOR	0	100	0	0	30	0	0	40	0	0	30	30	0	30	30	0	290	EA

* Undetermined Location

Notes:

1. Estimated Quantities for each bridge are provided here for reference purposes only.

2. 403, 429 and 652 pay items are included with the highway paving project, PIN #16787.00.

Kensington → 6 JTs. Replaced
 Sherwood → 6 JTs. Replaced

Retrofitted:

Type 1: 1
 2: 17 → 16
 3: 0
 4: 2
 5: 0
 6: 1
 7: 4

Total 25
 24



Denotes joints that were either retrofitted after installation (Fore River Bridge) or changed to a different detail
 See plan views of bridges for details

Replacement Joints:
 w/ Studs

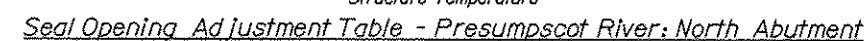
Type 1 - 0
 Type 2 - 1
 Type 3 - 1 (Presumpscot, south)
 Type 4 - 0
 Type 5 - 6 (2 @ Fore River - retrofitted w/bar)
 (1 @ Presumpscot, north)
 (1 @ St. John St., south)
 (1 @ PTRR (St. John), north)
 (1 @ St. James, north)
 Type 6 - 0
 Type 7 - 0

Total: 8

321 18x2=36
 -4
 321

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1779(300)E		BRIDGE NO. 17793.00		BRIDGE PLANS	
INTERSTATE 295 SOUTHBOUND		FALMOUTH TO S. PORTLAND		CUMBERLAND COUNTY		ESTIMATED BRIDGE QUANTITIES		SHEET NUMBER	
2		2		2		2		2	
OF 55		OF 55		OF 55		OF 55		OF 55	

Filename: 003_GeneralNotes.dgn



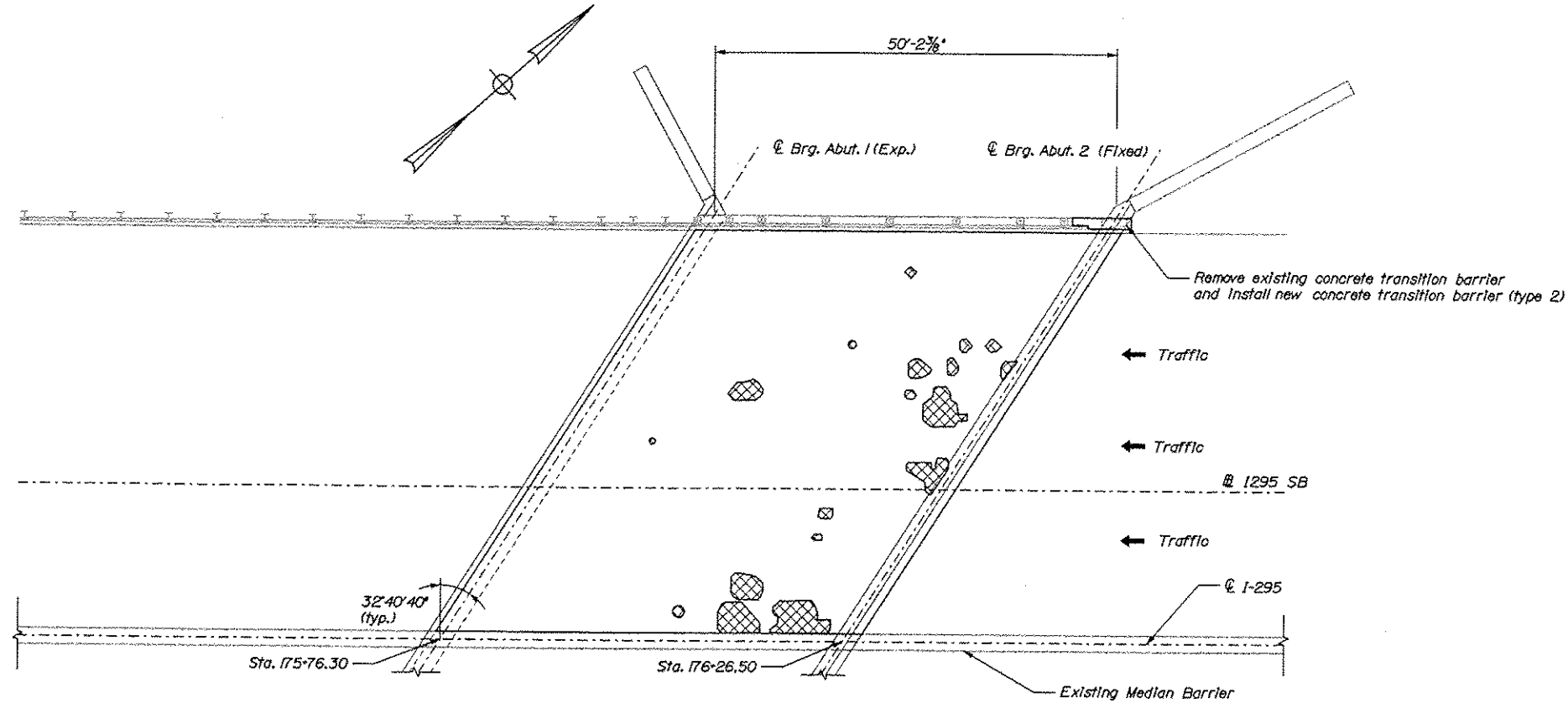
OF 55

NOTES:

1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Approximate locations for deck repairs are shown on the plan. Exact locations may vary and shall be determined in the field. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.

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

3. Install composite pavement interlayer per detail shown on sheet 2.3 at Abutments 1 and 2.

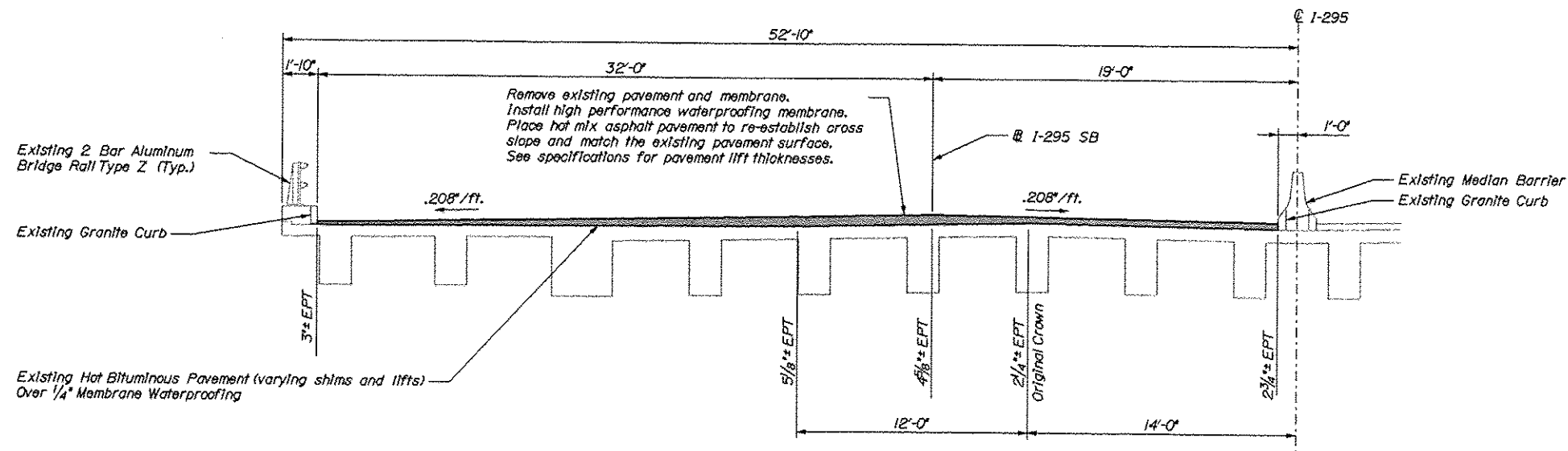


INTERSTATE 295 SOUTHBOUND OVER KENSINGTON STREET

Portland ~ Bridge No. 5618
N.T.S.

Legend

Approximate limits of deck repair



HALF TRANSVERSE SECTION

N.T.S.

EPT = Existing Pavement Thickness
(From as-builts)

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

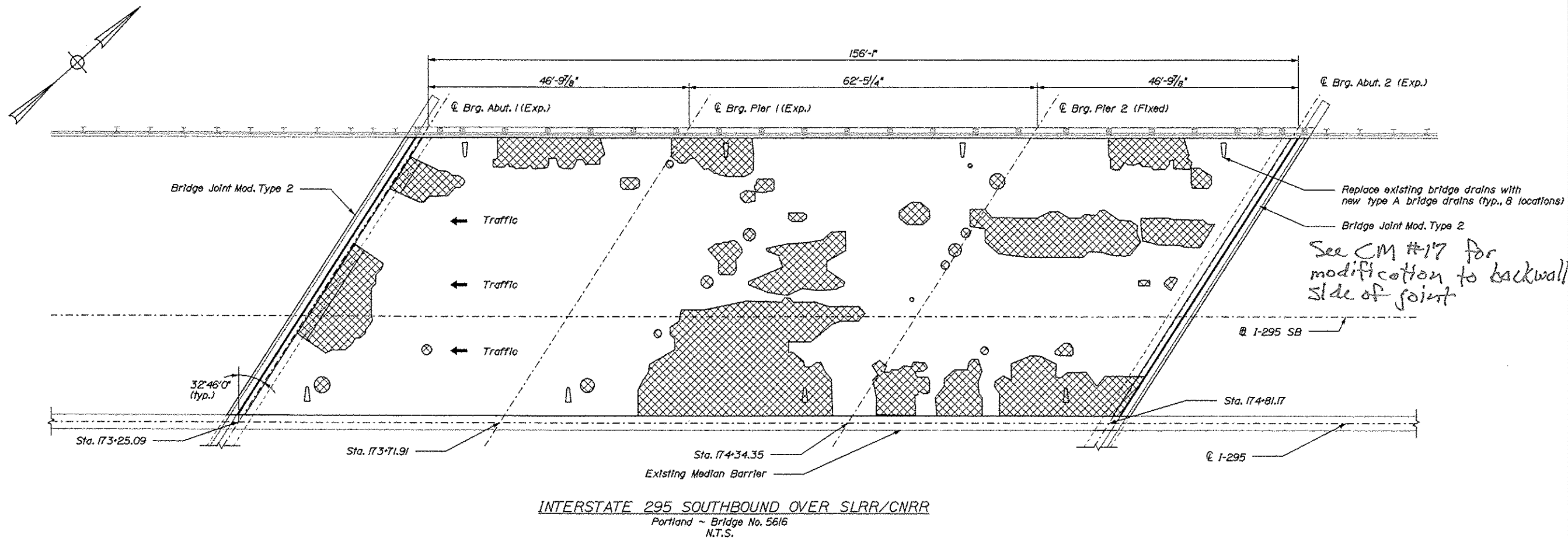
DATE	BY	CHK	DATE	SIGNATURE	P.E. NUMBER	DATE

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

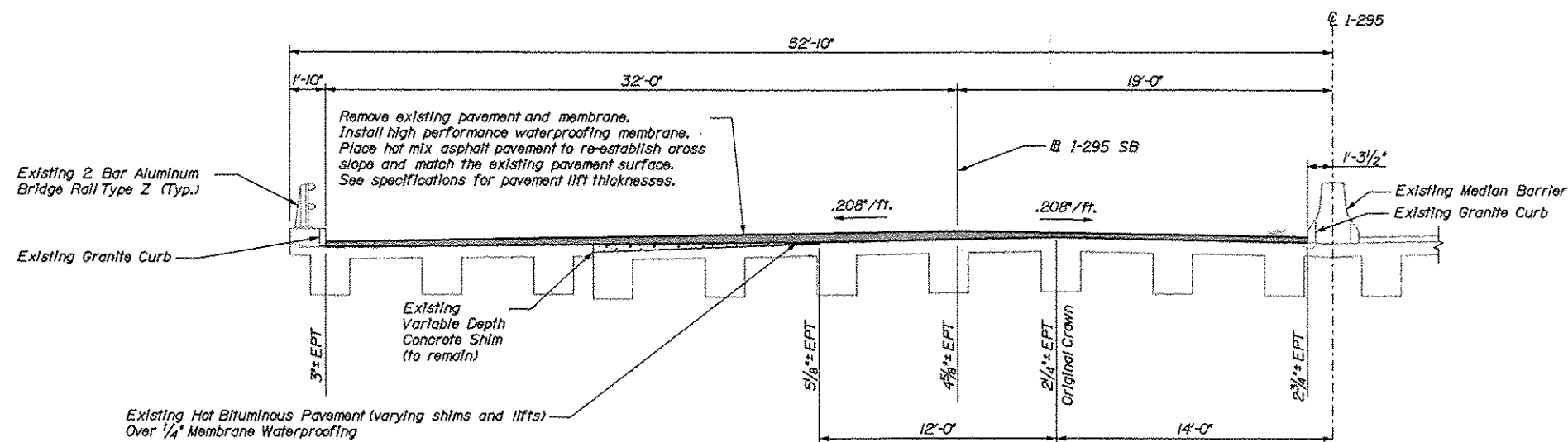
SHEET NUMBER

6

OF 55



Legend
 Approximate limits of deck repair



EPT = Existing Pavement Thickness
(From as-builts)

NOTES:

1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Approximate locations for deck repairs are shown on the plan. Exact locations may vary and shall be determined in the field. Contractor shall identify and mark areas for deck repair after removing the wearing surface. Coordinate work with Resident. Payment for deck repair work shall be under the 518 pay items.

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

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

DATE	BY	DOE	CHK	DATE	SIGNATURE

INTERSTATE 295 SOUTHBOUND	
SLRR AND CNRR	
CUMBERLAND COUNTY	
PORTLAND	
PLAN AND TRANS. SECTION	

SHEET NUMBER

7

OF 55

Filename: 008_PlanXsec~Sherwood.dgn

3. Install composite pavement interlayer per detail shown on sheet 23 at Abutments 1 and 2.



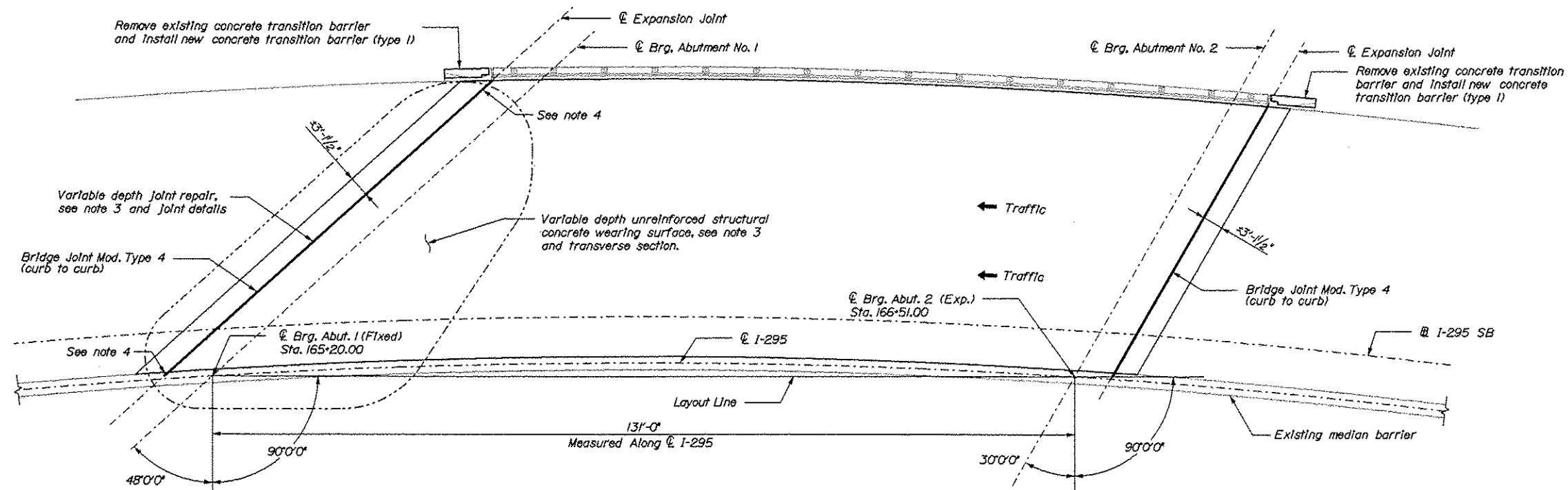
SHEET NUMBER	INTERSTATE 295 SOUTHBOUND		PROJ. MANAGER		DOE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION
	SHERWOOD STREET		DESIGN-DETAILED		CAH	RHH	03/30	
8	PORTLAND CUMBERLAND COUNTY		CHECKED-REVIEWED		PL			SIGNATURE
			DESIGN-DETAILED					P.E. NUMBER
OF 55	PLAN AND TRANS. SECTION		REVISIONS 1					IM-1779(300)E
			REVISIONS 2					
			REVISIONS 3					PIN 17793.00
			REVISIONS 4				DATE	
			FIELD CHANGES					BRIDGE NO. 5617
								BRIDGE PLANS

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

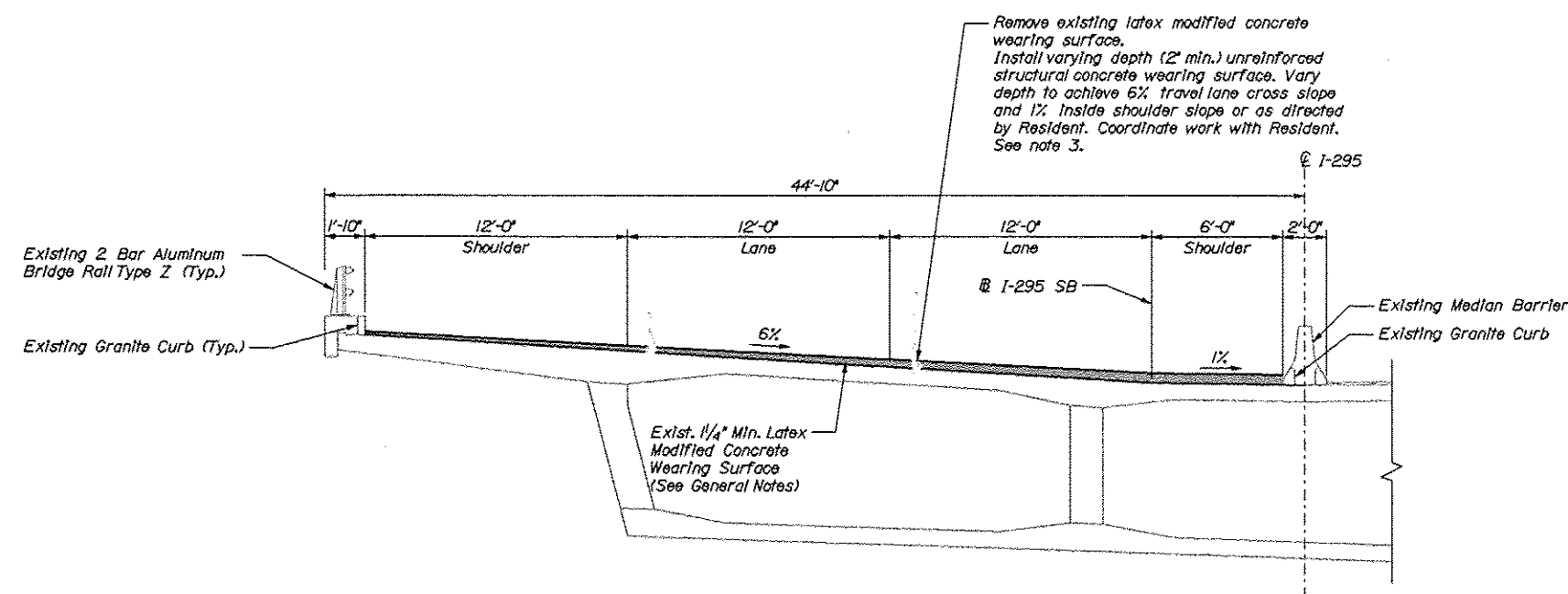
2. Contractor shall repair areas of deteriorated granite curb bedding mortar on the deck as required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)

3. Contractor shall survey along top of existing deck, joints, and roadway approaches 100 feet beyond joints. Collected information shall include elevation grades at crown, breaks, and 10 feet on center. Contractor shall provide information to resident at least 15 working days before planned joint repair work. Resident to provide proposed finish grades for wearing surface and joint repair work in areas where proposed depths vary. All work associated with survey collection and coordination is considered incidental to the 502 pay items. See also General Notes.

4. At abutment I the proposed steel extrusion and gland seal for the joint modification shall extend beyond the curbline and into the median barrier and turn upward at a 45 degree angle to produce a water-tight joint. The final details of the joint modification, and its attachment to the existing joint armor at the median barrier, will be developed in the field by the Resident once final joint elevations have been developed. At the outside roadway curb (west curb) the top of extrusion elevation shall taper from the corrected elevation to the existing top of extrusion elevation over a distance of approximately four feet. The proposed extrusion shall match into the existing element approximately 6' from the curbline.



Portland ~ Bridge No. 0816
N.T.S.



HALF TRANSVERSE SECTION
N.T.S.

STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
IM-1779(300)E		
BRIDGE NO. 0316	PIN 17793.00	BRIDGE PLANS

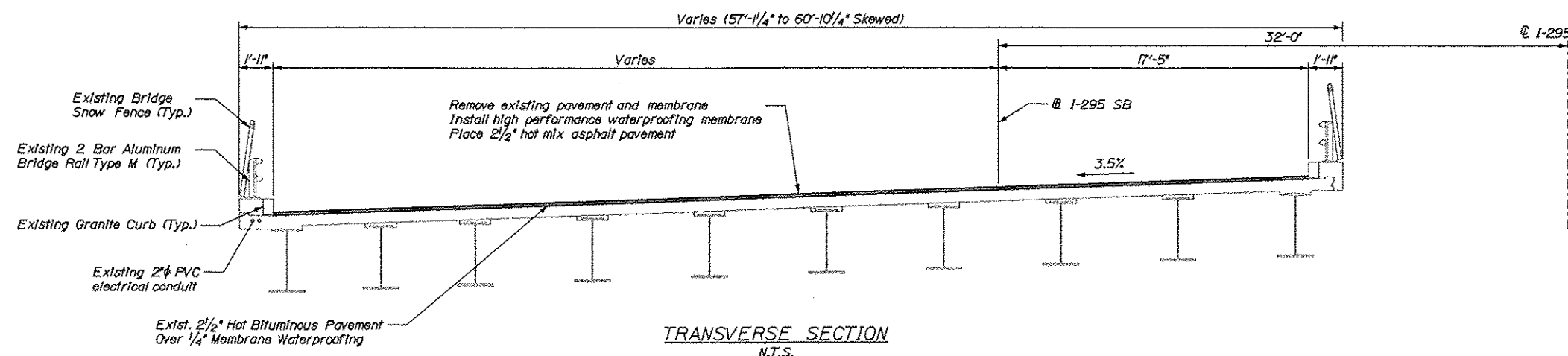
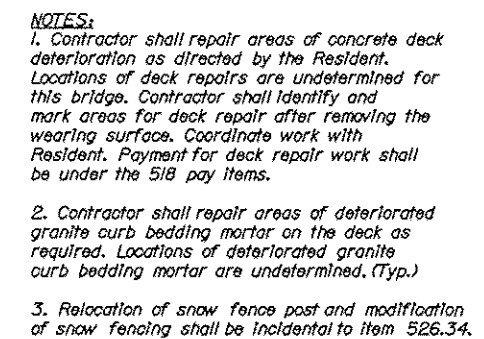
PROJECT MANAGER		DOE	BY	DATE
DESIGN-INITIALED	CAH		RWH	03/10
CHECKED-REVIEWED	TRC			03/10
DESIGNED-DESIGNED	CAH			
DESIGNED-INITIALED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
REVISIONS 5				
SIGNATURE				
P.E. NUMBER				
DATE				

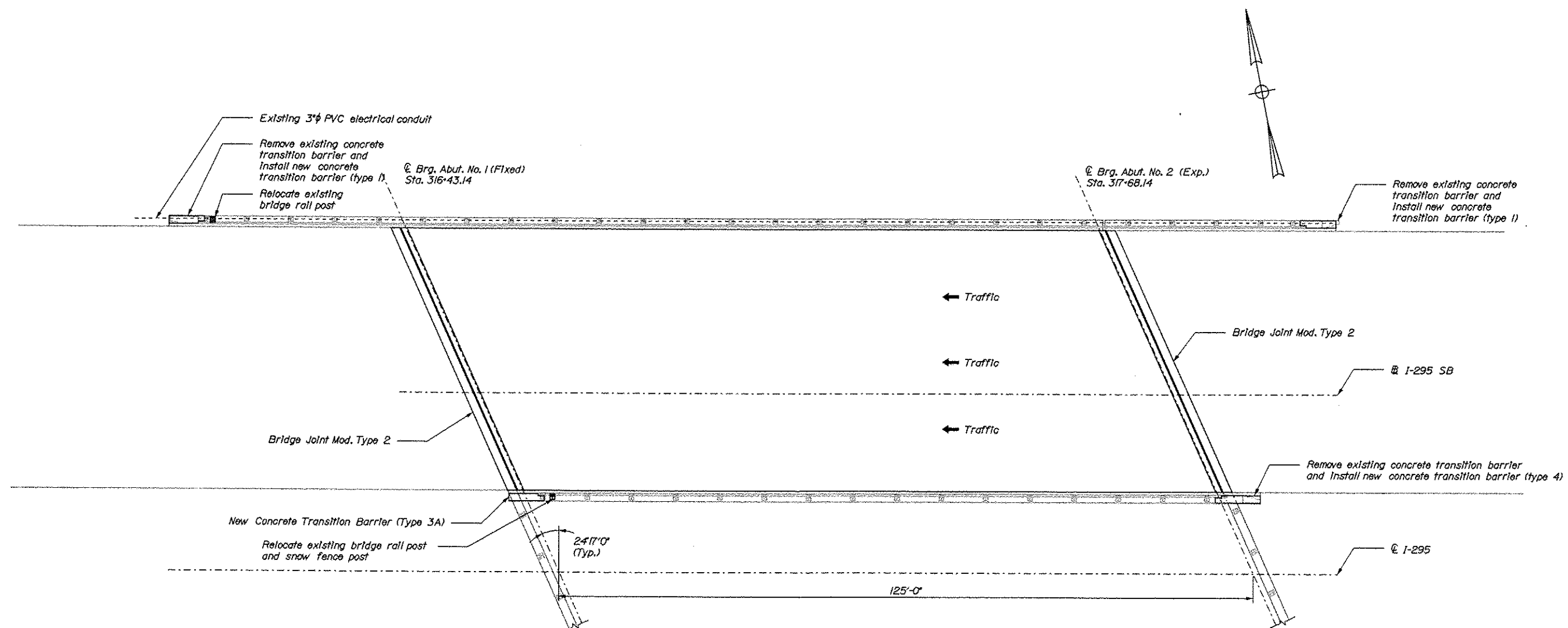
INTERSTATE 295 SOUTHBOUND
WASHINGTON AVENUE
PORTLAND CUMBERLAND COUNTY
PLAN AND TRANS. SECTION

SHEET NUMBER

9

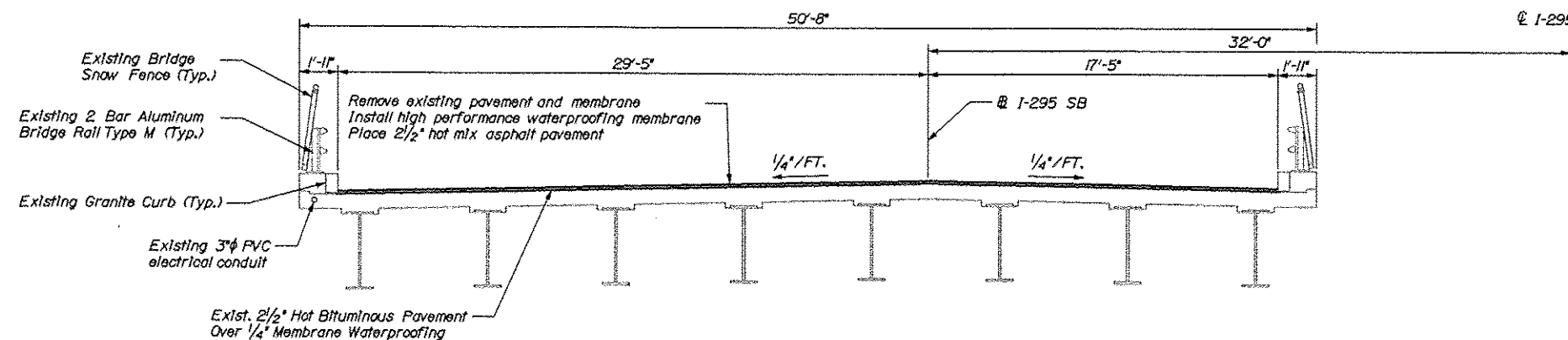
OF 55





INTERSTATE 295 SOUTHBOUND OVER FOREST AVENUE

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



TRANSVERSE SECTION
N.T.S.

NOTES:

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

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

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

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
BRIDGE NO. 6296	PIN 17793.00
BRIDGE PLANS	

PROJ. MANAGER	DOC	BY	DATE
DESIGN-DET-ALD	GM	RWH	03/10
CHECKED-REVIEWS	TRC	--	03/10
DESIGN-DET-ALD	---	--	--
DESIGN-DET-ALD	---	--	--
DESIGN-DET-ALD	---	--	--
REVISIONS 1	---	--	--
REVISIONS 2	---	--	--
REVISIONS 3	---	--	--
REVISIONS 4	---	--	--
FIELD CHANGES	---	--	--

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

SHEET NUMBER

11

OF 55

Date: 3/26/2010

Username: mcardiff

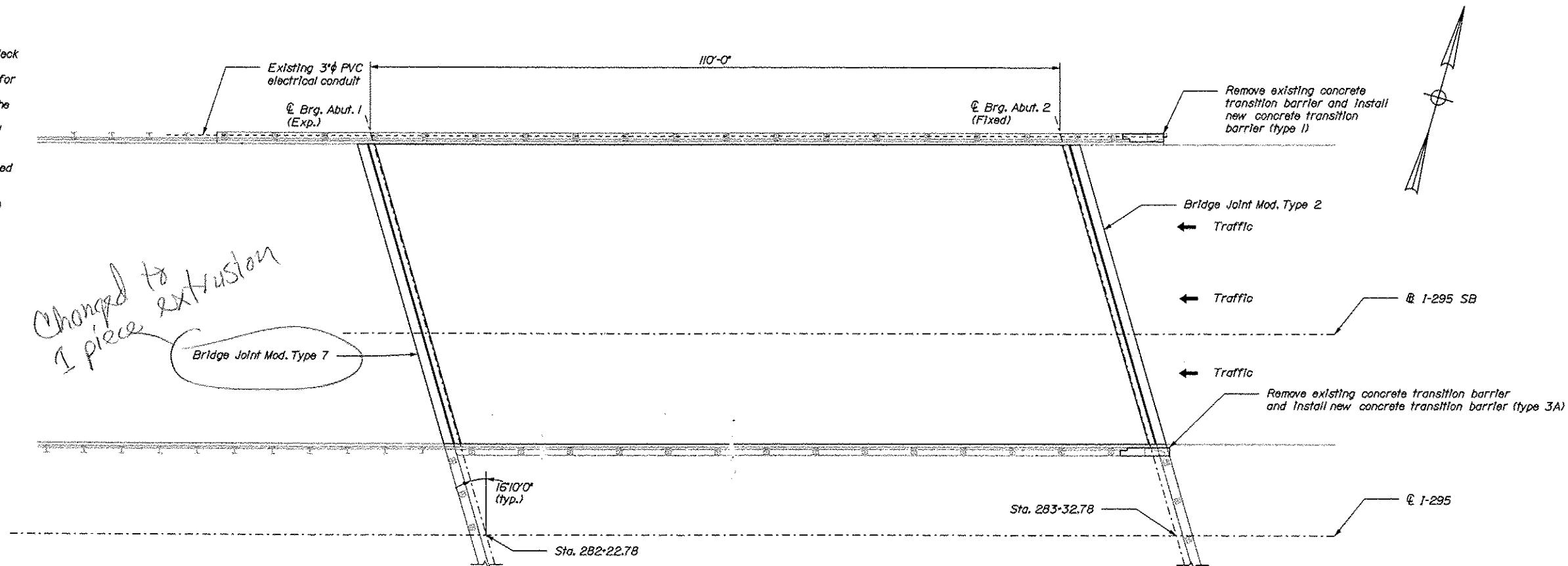
Division: BRIDGE

Filename: 012_PlanSec-StJohn.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 required. Locations of deteriorated granite curb bedding mortar are undetermined. (Typ.)

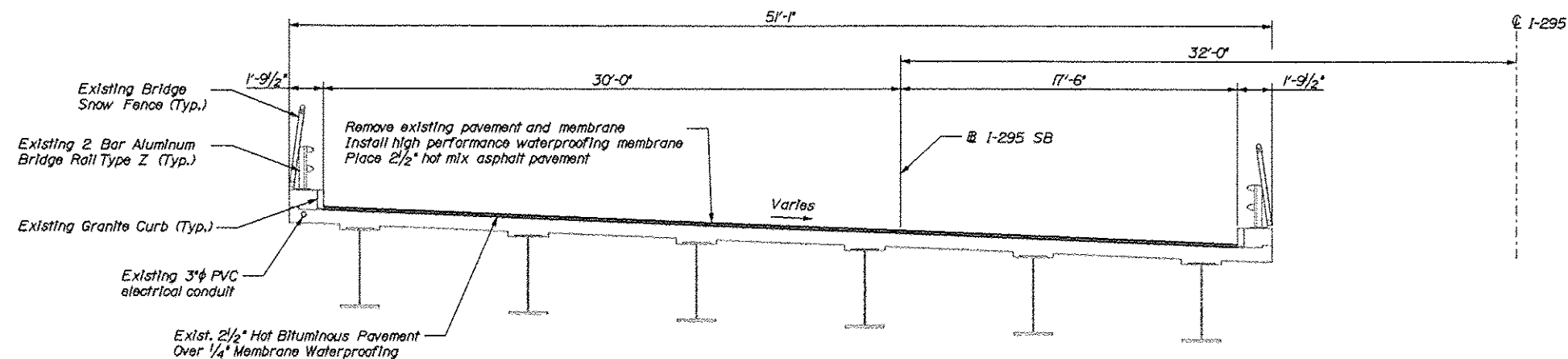


Changed to
1 piece
extrusion

Bridge Joint Mod. Type 7

INTERSTATE 295 SOUTHBOUND OVER ST. JOHN STREET

Portland ~ Bridge No. 6297
N.T.S.



TRANSVERSE SECTION

N.T.S.

STATE OF MAINE	PIN	BRIDGE PLANS
DEPARTMENT OF TRANSPORTATION	17793.00	
IM-1779(300)E		

DATE	BY	CHK	DATE	SIGNATURE	P.E. NUMBER	DATE

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

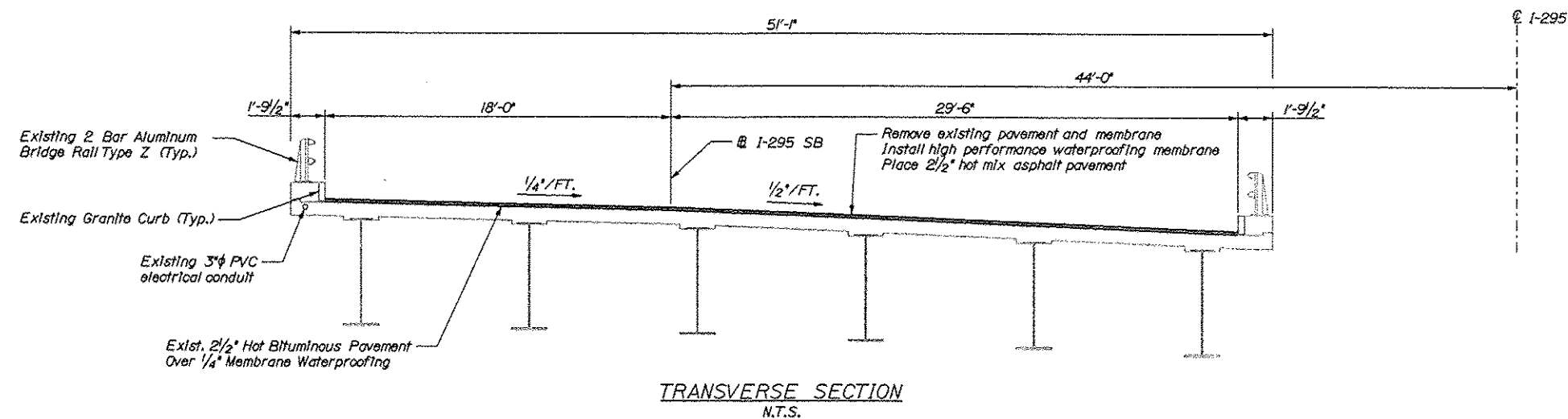
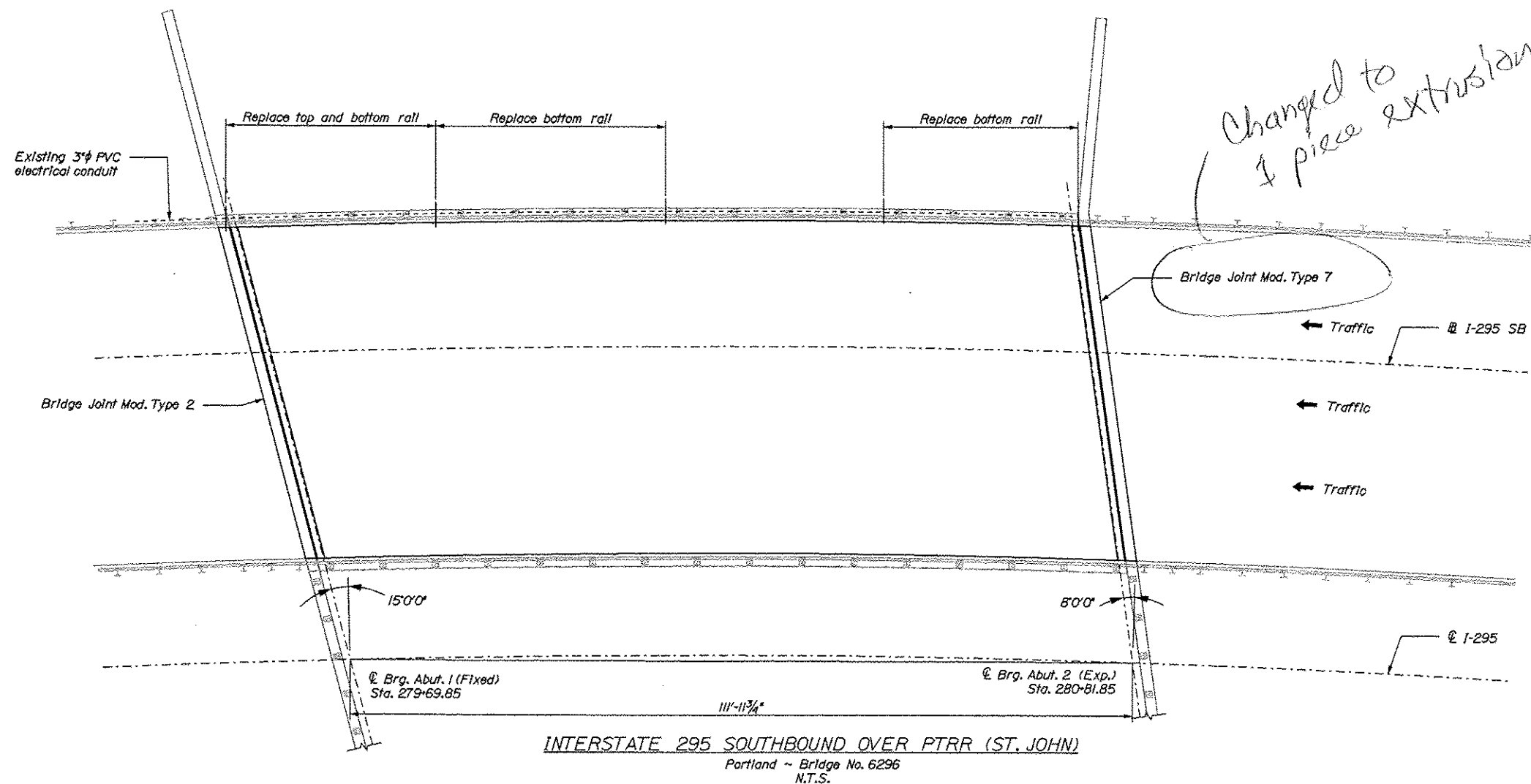
SHEET NUMBER

12

OF 55

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

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



/ Changed to 1 piece extrusion

STATE OF MAINE		
DEPARTMENT OF TRANSPORTATION		
IM-1779(300)E		
BRIDGE NO. 6296	PIN	BRIDGE PLANS
	177993.00	

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

INTERSTATE 295 SOUTHBOUND
PTRR (ST. JOHN)
PORTLAND CUMBERLAND COUNTY
PLAN AND TRANS. SECTION

SHEET NUMBER

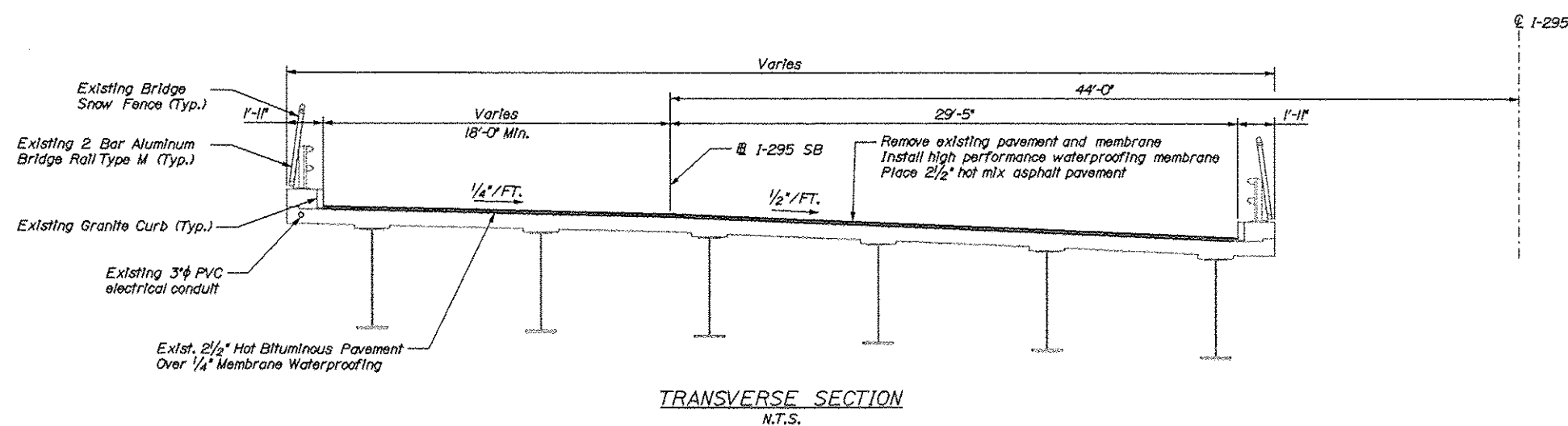
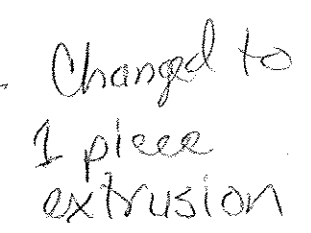
13

OF 55

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

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

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



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

PROJ. MANAGER	DOE	BY	DATE
DESIGN-OBTAINED	CAH	RMS	03/30
CHECKED-REVIEWED	TRC		03/30
DESIGN-OBTAINED			
DESIGN-OBTAINED			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
SIGNATURE			
P.E. NUMBER			
DATE			

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

SHEET NUMBER

14

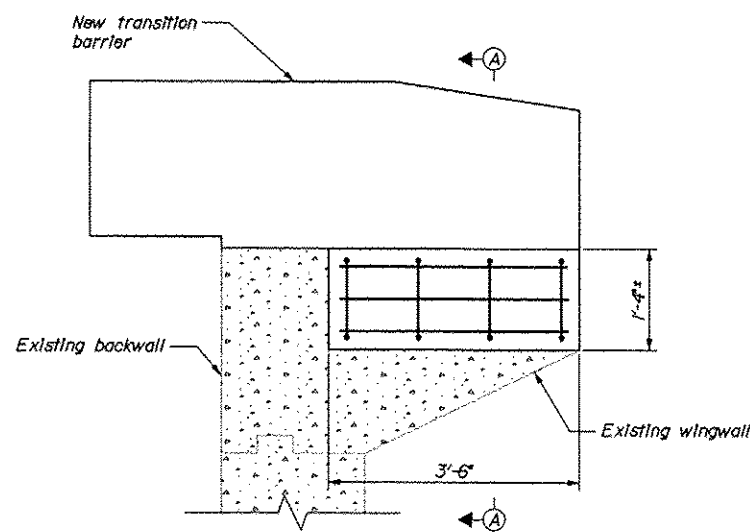
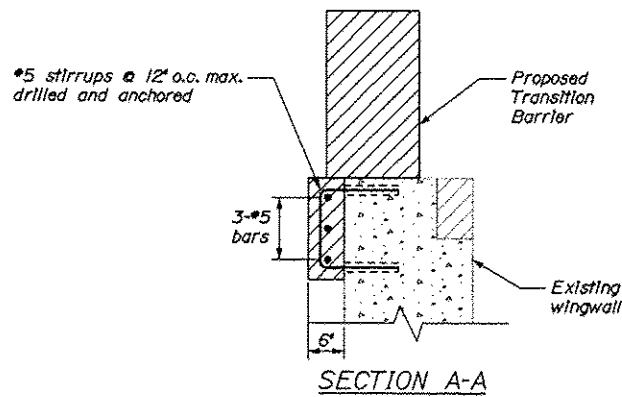
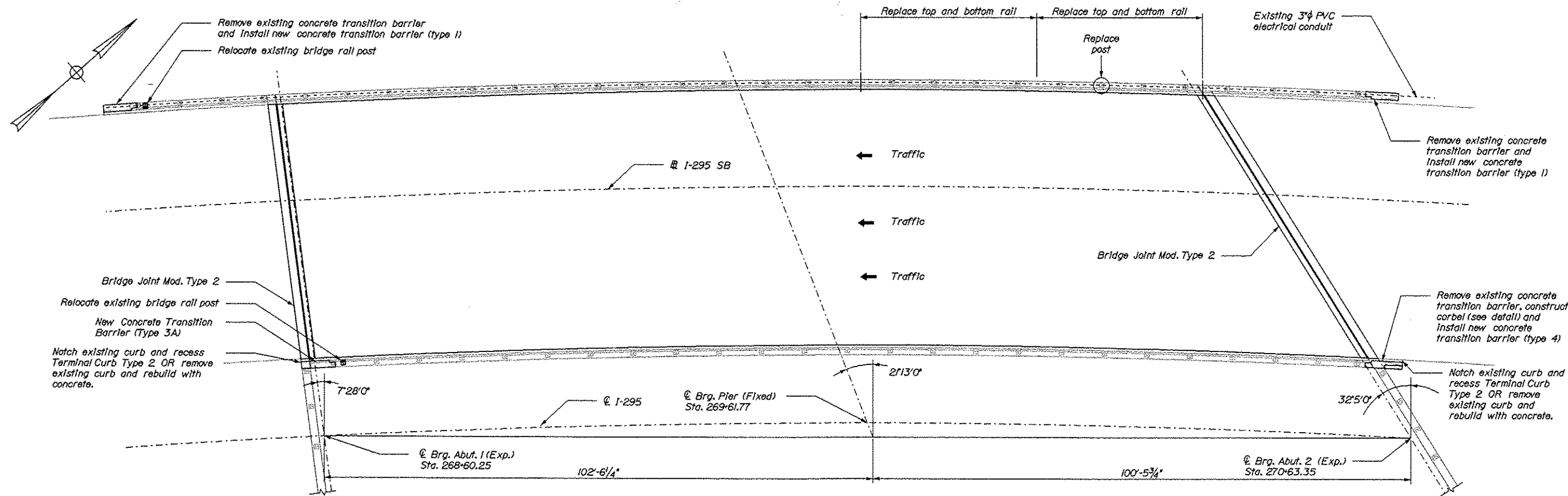
OF 55

Date: 3/26/2010

Username: mcundiff

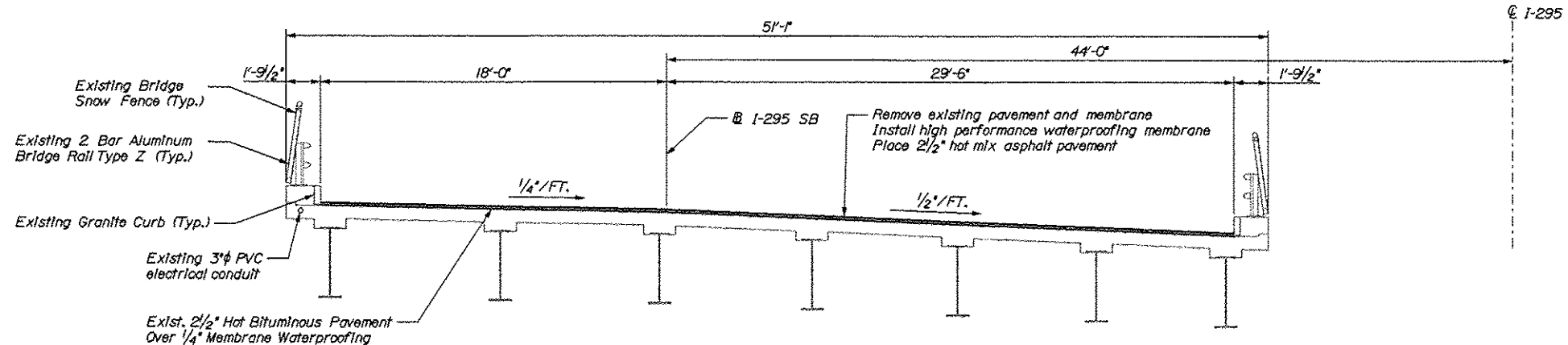
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BRIDGE



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

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



TRANSVERSE SECTION
N.T.S.

STATE OF MAINE	BRIDGE PLANS
DEPARTMENT OF TRANSPORTATION	PIN 17793.00
IM-1779(300)E	BRIDGE NO. 6294

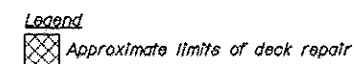
DATE	BY	DOE	PROJ. MANAGER	DESIGN-REVIEWER	CHECKED	DESIGNED	REVISIONS	DATE
03/10	RMH						1	
03/10							2	
							3	
							4	
							5	
							6	
							7	
							8	
							9	
							10	

INTERSTATE 295 SOUTHBOUND	CUMBERLAND COUNTY
CONGRESS STREET & PARK AVENUE	
PORTLAND	
PLAN AND TRANS. SECTION	

SHEET NUMBER

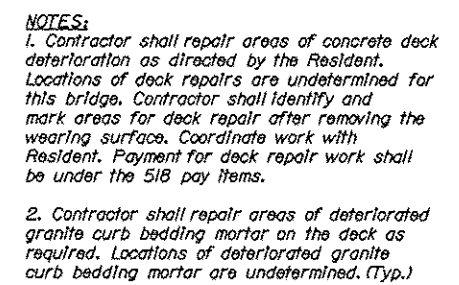
15

OF 55



NOTES:

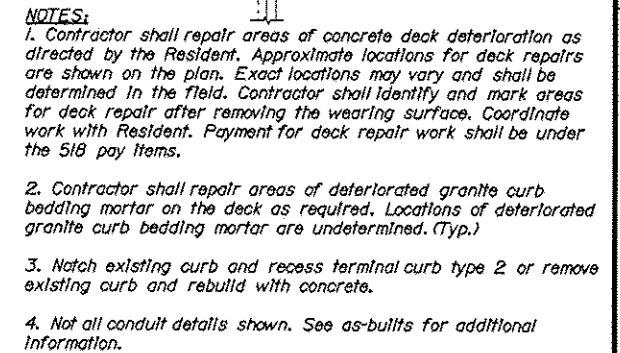
1. Contractor shall repair areas of concrete deck deterioration as directed by the Resident. Approximate locations for deck repairs are shown on the plan. Exact locations may vary and shall be determined in the field. Contractor shall identify and mark areas for deck repair after removing the wearing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



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

OF 55

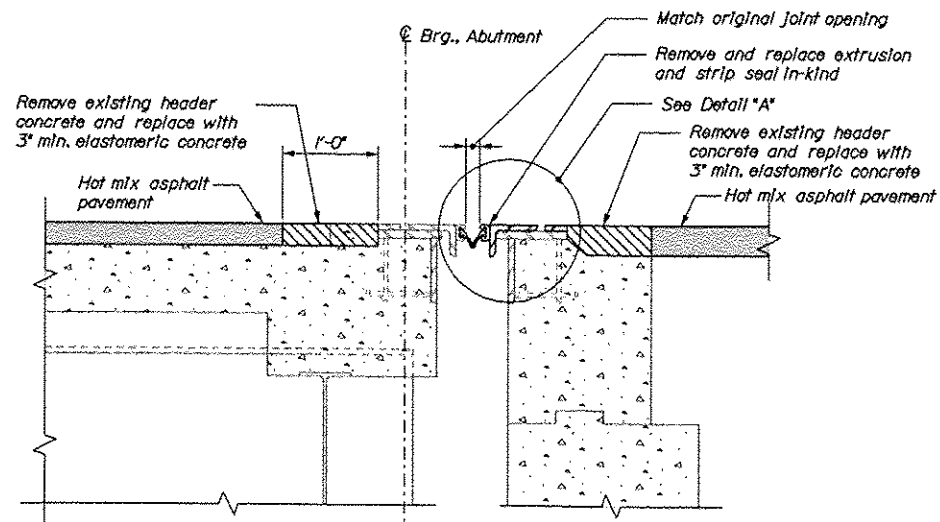
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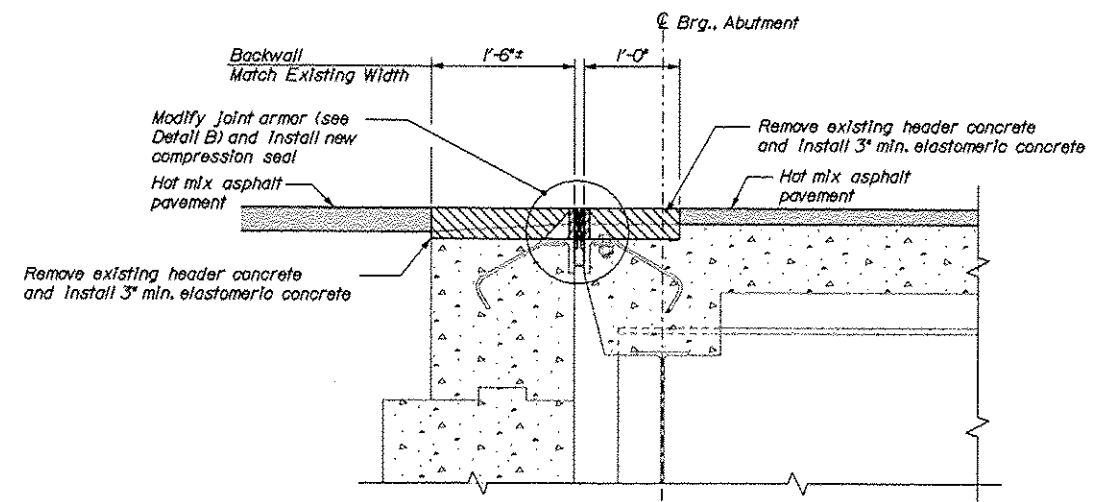
SHEET NUMBER										STATE OF MAINE DEPARTMENT OF TRANSPORTATION									
18										IM-1779(300)E									
OF 55										BRIDGE NO. 6281 PIN 17793.00 BRIDGE PLANS									
INTERSTATE 295 SOUTHBOUND FORE RIVER PORTLAND CUMBERLAND COUNTY										PROJ. MANAGER _____ BY _____ DESIGN-DETAILED _____ CHW _____ CHECKED-REVIEWED _____ TRC _____ DESIGNED-DETAILED _____ DESIGNED-DETAILED3 _____ REVISIONS 1 _____ REVISIONS 2 _____ REVISIONS 3 _____ REVISIONS 4 _____ FIELD CHANGES _____									
PLAN AND TRANS. SECTION										DATE _____ SIGNATURE _____ P.E. NUMBER _____									

Filename: 019_PlanXsec-Westbrook St.dgn

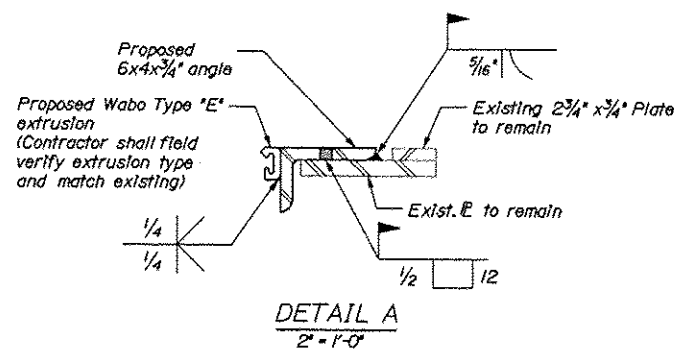
OF 55



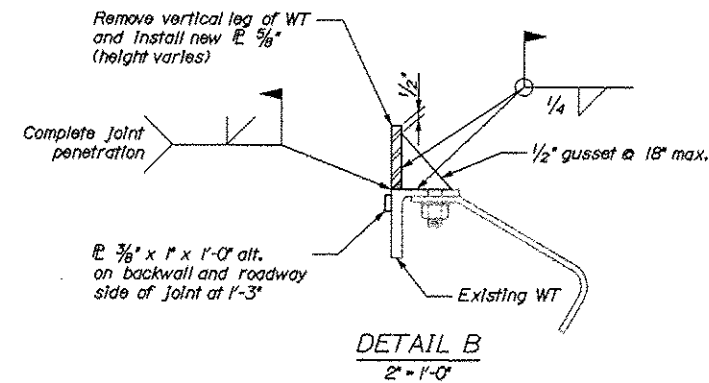
BRIDGE JOINT MODIFICATION TYPE 1
1' - 1'-0"



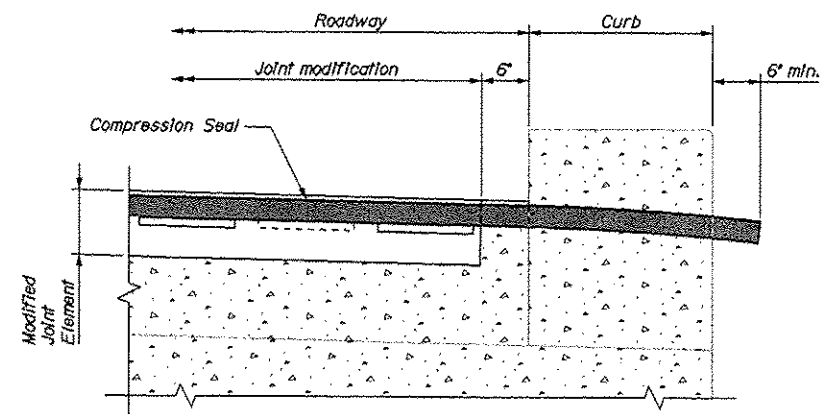
BRIDGE JOINT MODIFICATION TYPE 2
1' - 1'-0"



DETAIL A
2' - 1'-0"



DETAIL B
2' - 1'-0"



COMPRESSION SEAL JOINT DETAIL AT CURB

NOTES

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

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

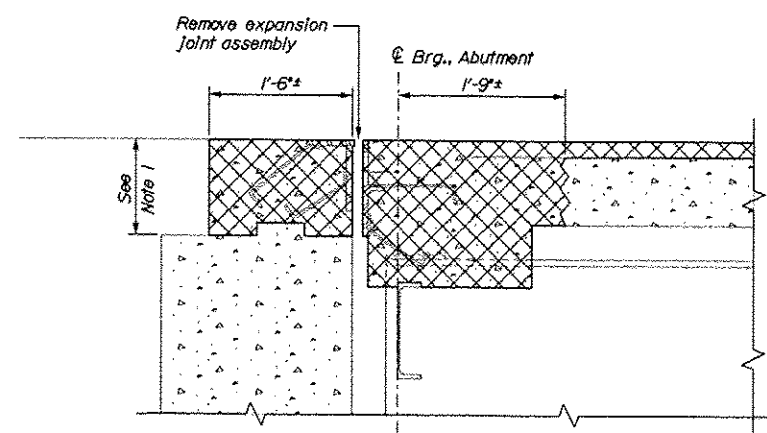
DATE	BY	DATE	SIGNATURE
03/10	BM	03/10	
DATE	BY	DATE	SIGNATURE
DATE	BY	DATE	SIGNATURE

INTERSTATE 295 SOUTHBOUND	JOINT MODIFICATION DETAILS I
FALMOUTH TO SPOFTLAND	
CUMBERLAND COUNTY	

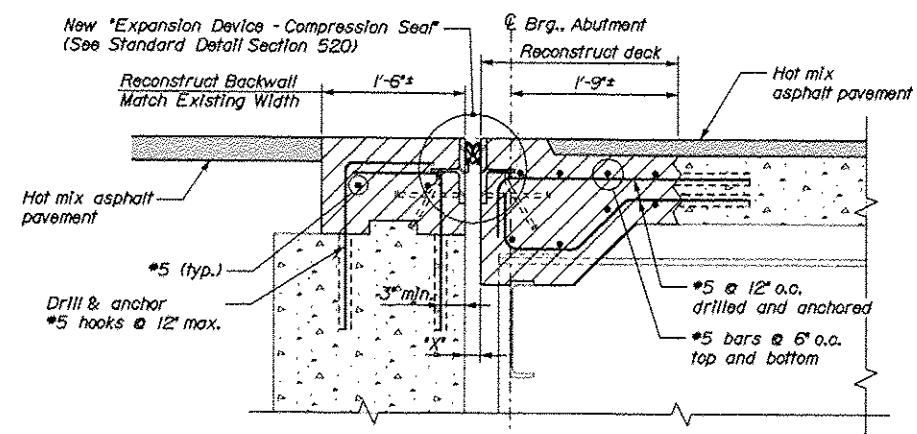
SHEET NUMBER

21

OF 55

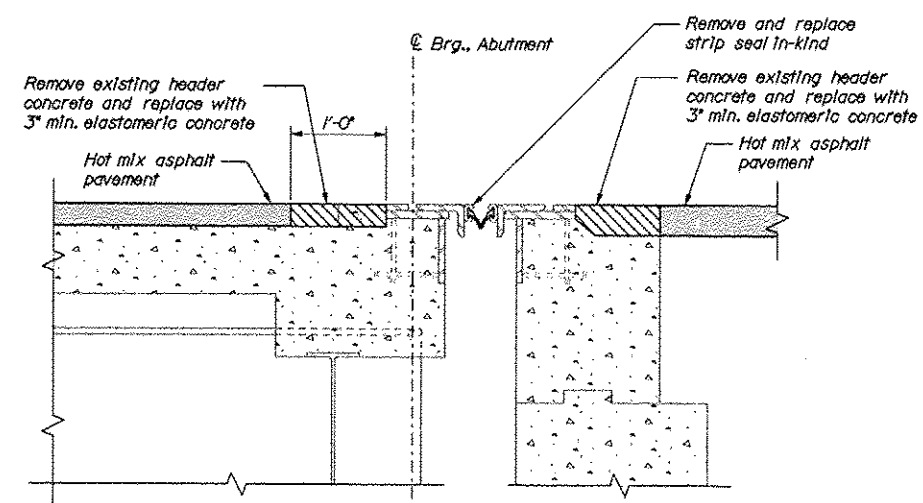


DEMOLITION

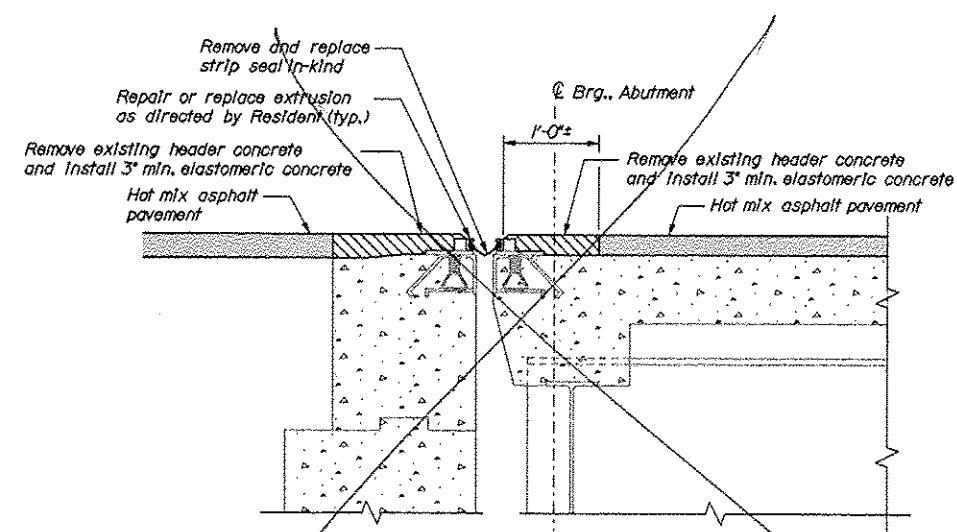


CONSTRUCTION

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



8239E (STATE ROUTE 703) OVERPASS



ST. JOHN/ST. JAMES AND PTRR (ST. JOHN) OVERPASSES

BRIDGE JOINT MODIFICATION TYPE 7

$$I^* = I^c - Q^*$$

LEGEND

-  Approximate limit of concrete and reinforcing steel removal

NOTES

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

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

PROJ. MANAGER	DOC	BY	DATE
DESIGN DETAIL	CAH	RWH	03/00
CHECKED REVISIONS	TIC		03/00
REASON FOR CHANGE			
DESIGNER'S NAME			
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
SIGNATURE			
P.E. NUMBER			
DATE			

INTERSTATE 295 SOUTHBOUND
FALMOUTH TO S.PORTLAND
CUMBERLAND COUNTY

SHEET NUMBER

22

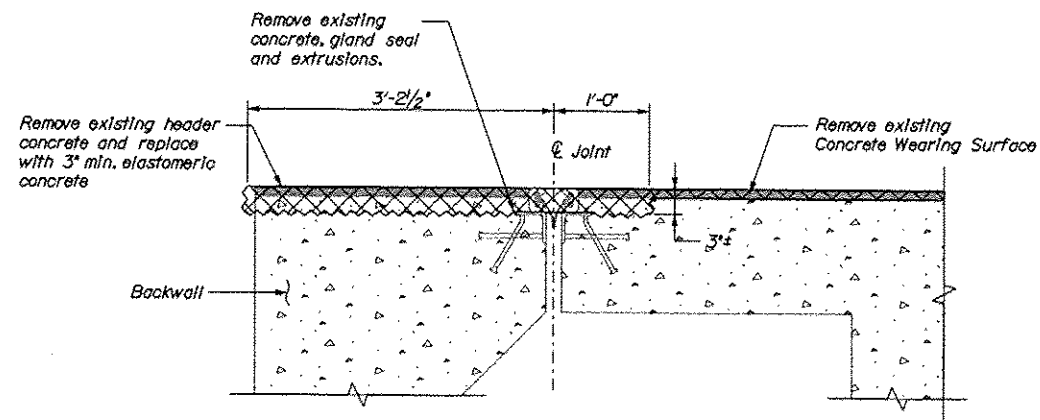
OF 55

Date: 3/26/2010

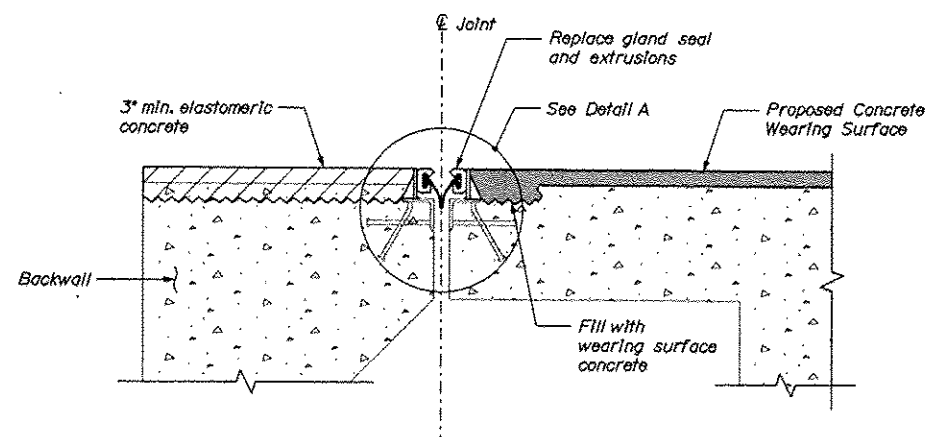
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Division: BRIDGE

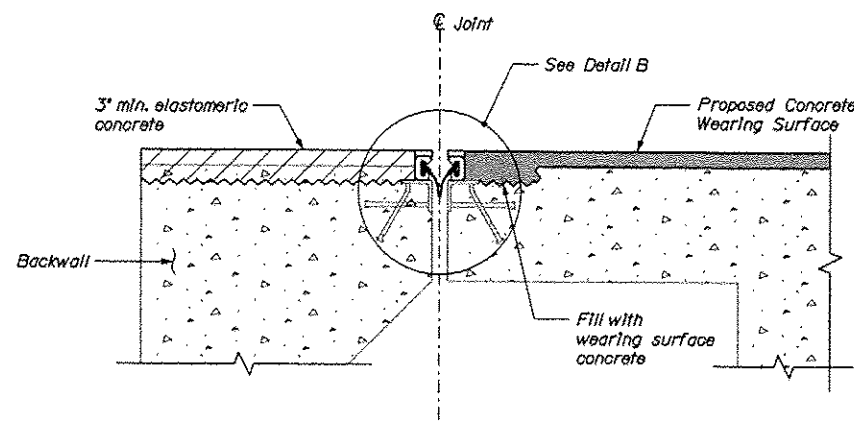
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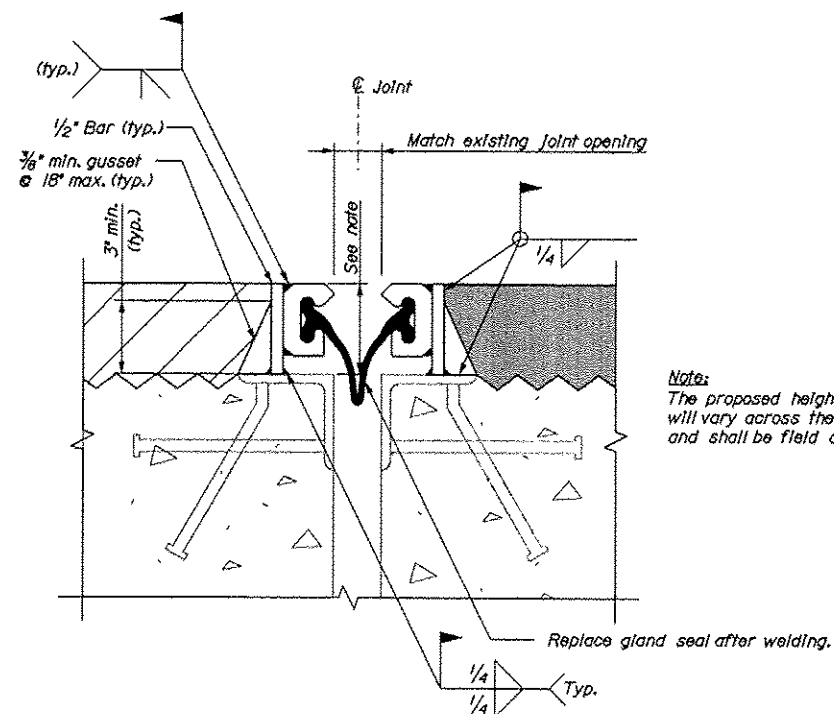


CONSTRUCTION - WASHINGTON AVENUE SOUTH ABUTMENT

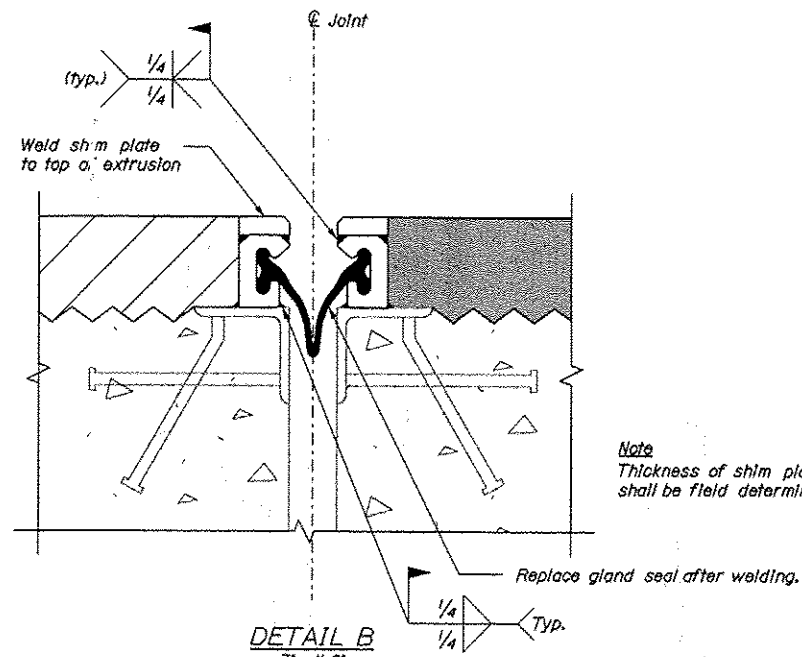


CONSTRUCTION - WASHINGTON AVENUE NORTH ABUTMENT

JOINT MODIFICATION TYPE 4
1' - 1'-0"



DETAIL A
3' - 1'-0"



DETAIL B
3' - 1'-0"

Note:
The proposed height of extrusion
will vary across the bridge width
and shall be field determined.

Note:
Thickness of shim plate
shall be field determined.

LEGEND

Approximate limit of concrete and
reinforcing steel removal

NOTES

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

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

PROJ. NUMBER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGN DETAIL 1	03/10	RMH	03/10			
CHECKED-REVIEWED						
DESIGN DETAIL 2						
DESIGN DETAIL 3						
REVISIONS 1						
REVISIONS 2						
REVISIONS 3						
REVISIONS 4						
FIELD CHANGES						

INTERSTATE 295 SOUTHBOUND	JOINT MODIFICATION DETAILS III
FALMOUTH TO S. PORTLAND	
CUMBERLAND COUNTY	

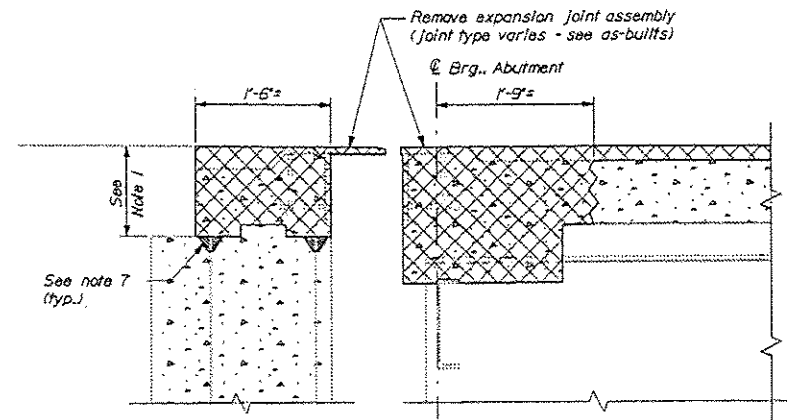
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OF 55	

Date: 1/25/2011

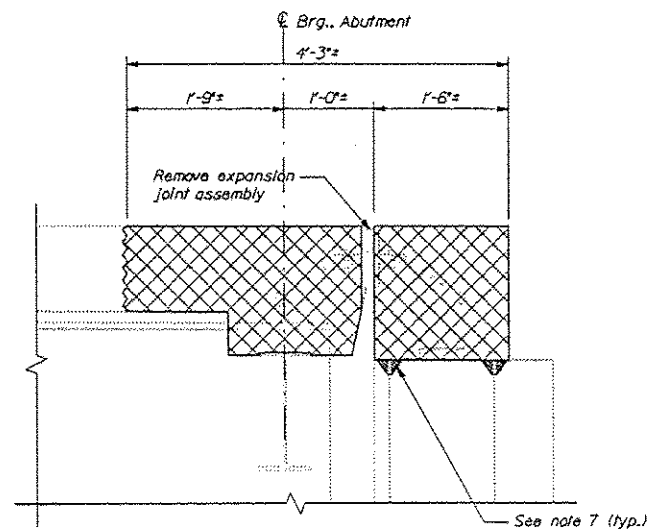
Username: meundiff

Division: BRIDGE

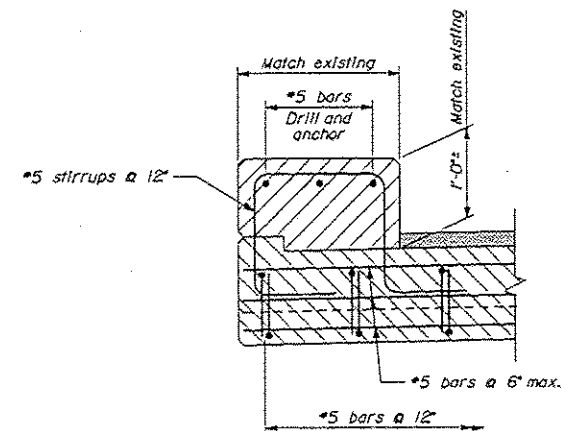
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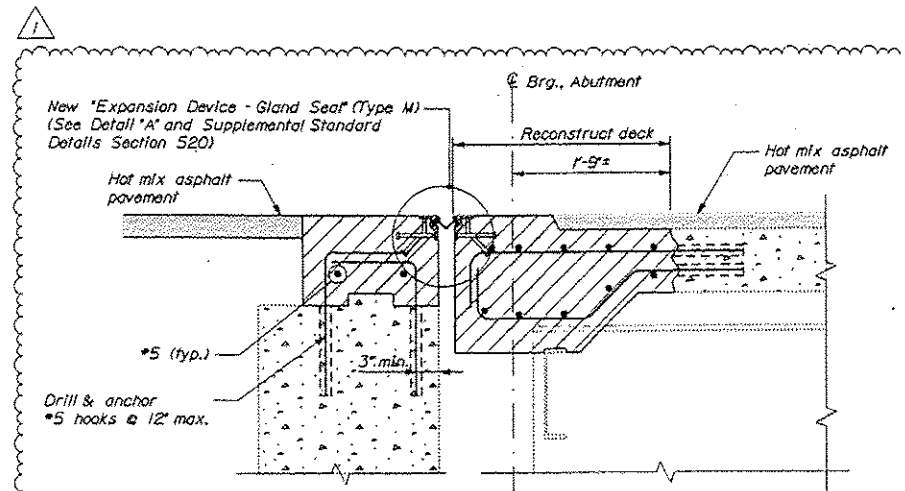
DEMOLITION



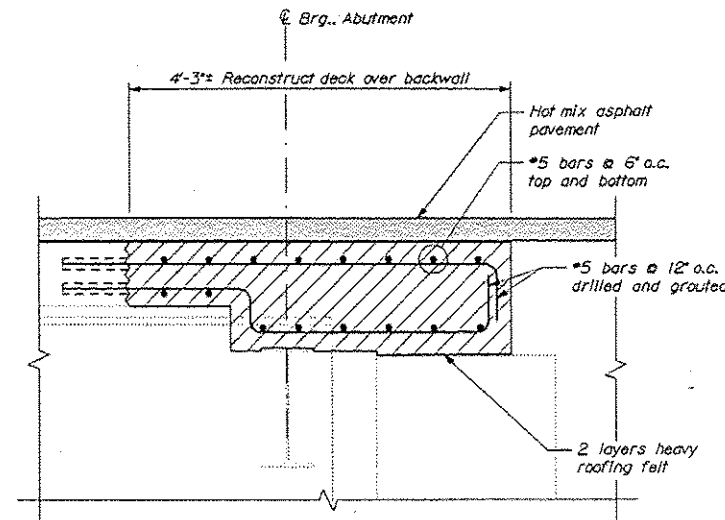
DEMOLITION



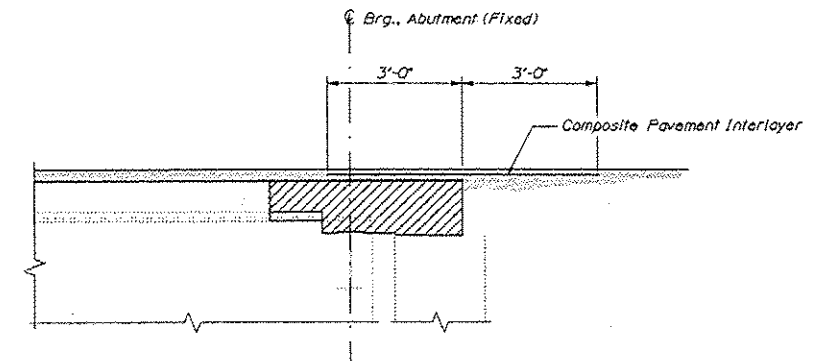
RECONSTRUCTED CURB & OVERHANG DETAIL
1'-0"



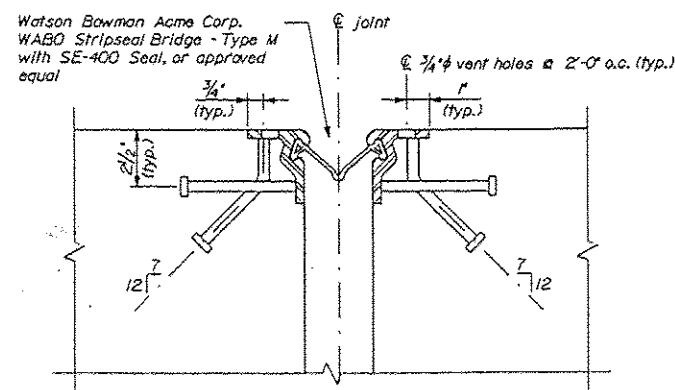
JOINT MODIFICATION TYPE 5
(See also "Reconstructed Curb & Overhang Detail")
1'-0"



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



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



DETAIL A
3'-0"

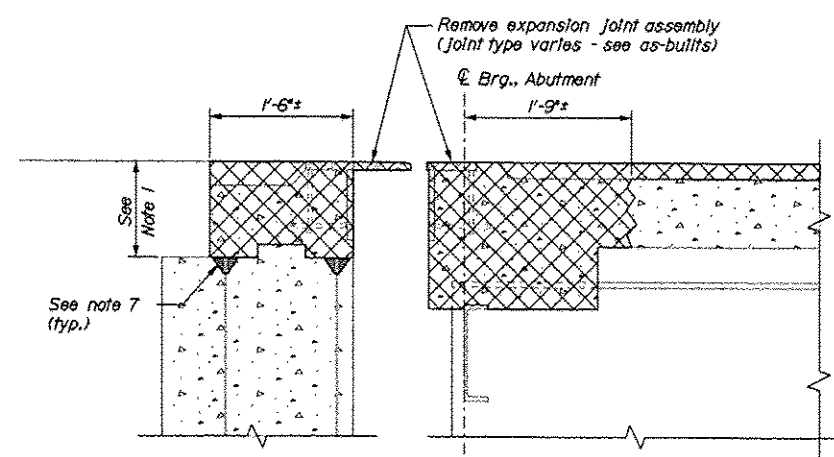
LEGEND

- Approximate limit of concrete and reinforcing steel removal

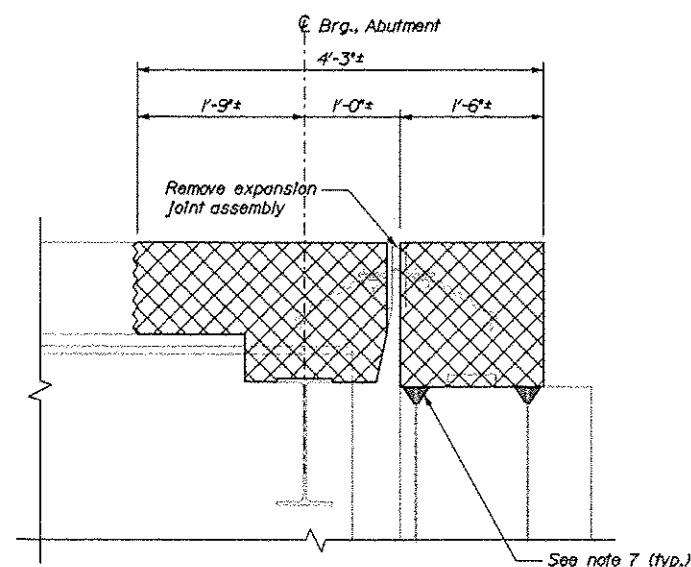
NOTES

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

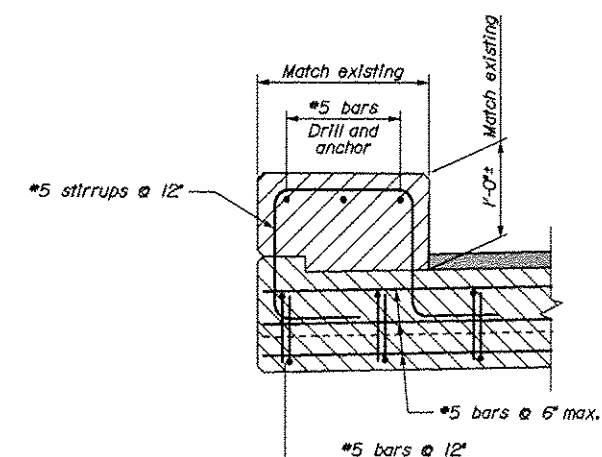
STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E	BRIDGE NO. 17793.00		PIN 17793.00		BRIDGE PLANS	
	INTERSTATE 295 SOUTHBOUND FALMOUTH TO S. PORTLAND CUMBERLAND COUNTY		JOINT MODIFICATION DETAILS IV		SHEET NUMBER	
	24		OF 55			



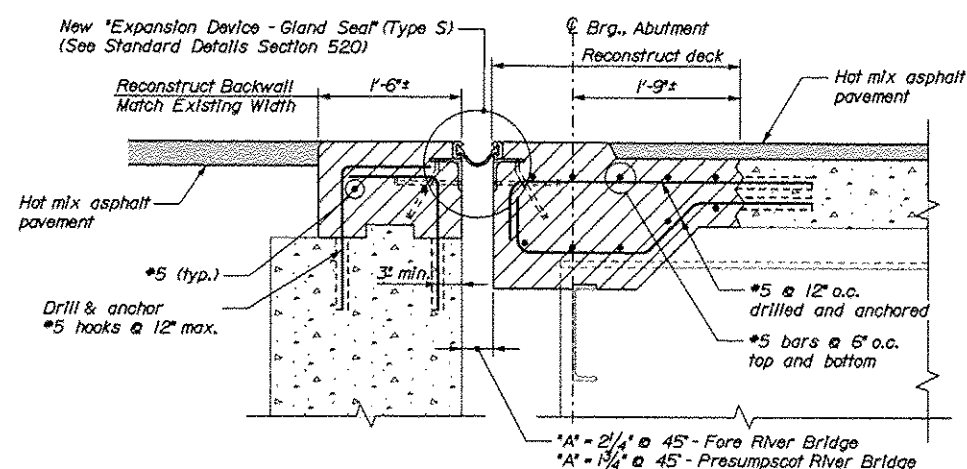
DEMOLITION



DEMOLITION

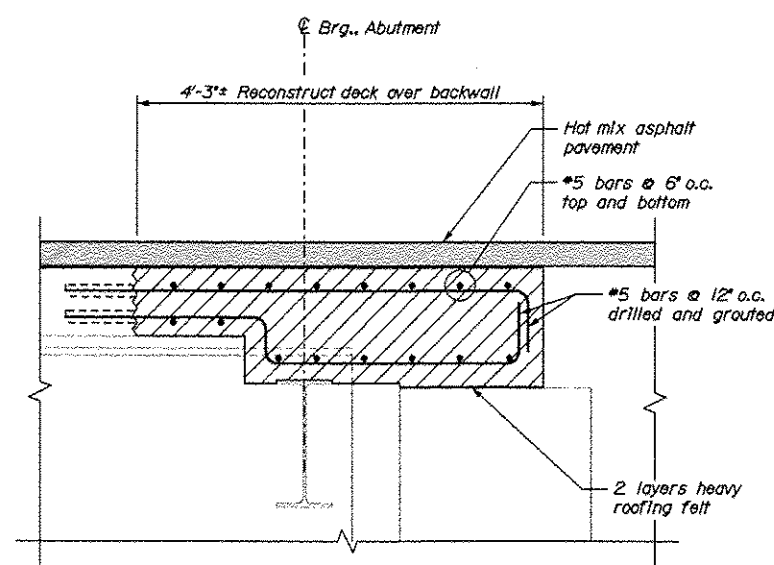


RECONSTRUCTED CURB & OVERHANG DETAIL



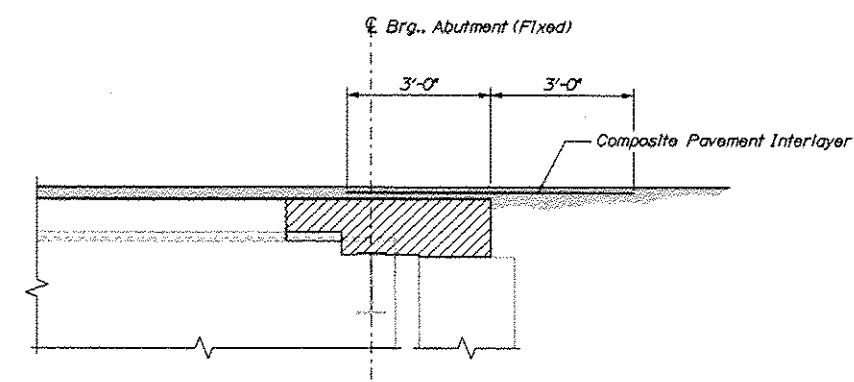
CONSTRUCTION

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



CONSTRUCTION

JOINT MODIFICATION TYPE 6
(See also "Reconstructed Curb & Overhang Detail")
1. = 1/8"



COMPOSITE PAVEMENT INTERLAYER

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 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 uncoated.
6. The Contractor shall be fully responsible for selecting the appropriate seal based on the movement rating from the approved products list.
7. After demolishing the existing backwall concrete the existing reinforcing steel shall be cut 2" below the demolished surface. The contractor shall chip localized areas of concrete as required to allow the bars to be cut and then fill the depressions with grout to provide a flush surface. Following demolition of the backwall concrete the top of backwall surface shall receive a thin layer of patching mortar to provide a smooth uniform surface on which to cast the slab-over-backwall. The patching mortar shall be selected from Maine DOT's qualified products list.

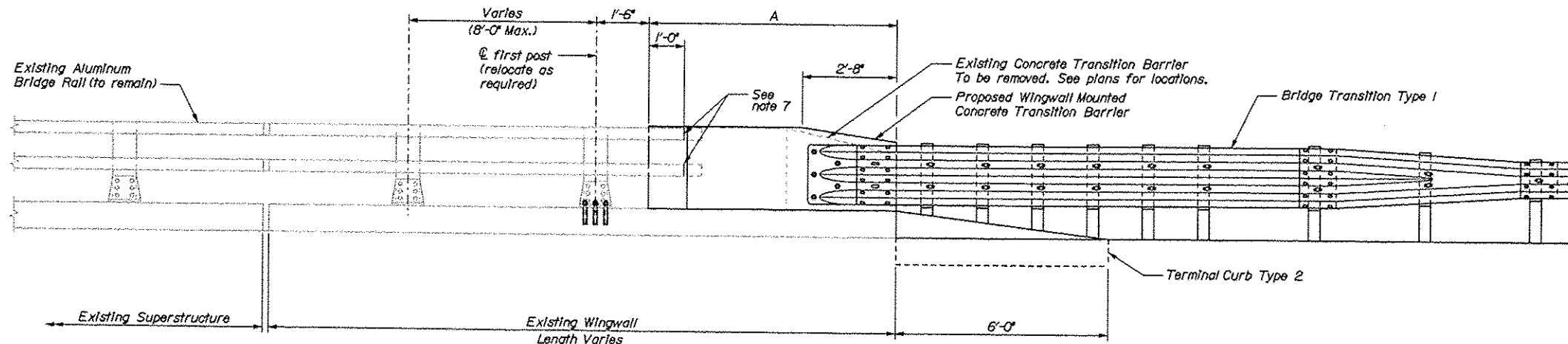
SHEET NUMBER	24	OF 55	INTERSTATE 295 SOUTHBOUND		PROJ. MANAGER	DOC	BY	DATE	STATE OF MAINE
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					CHECKED-REVIEWED	TRC	03/10		
					DESIGNED	CMW	-	P.E. NUMBER	IM-1779(300)E
					REVISIONS 1	-	-		
					REVISIONS 2	-	-	DATE	PIN
					REVISIONS 3	-	-		
					REVISIONS 4	-	-	17793.00	BRIDGE NO. Varies
			JOINT MODIFICATION DETAILS IV						

Date: 3/26/2010

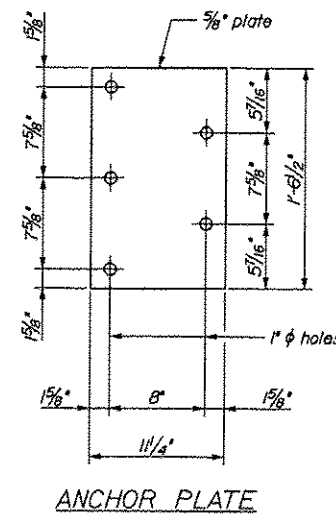
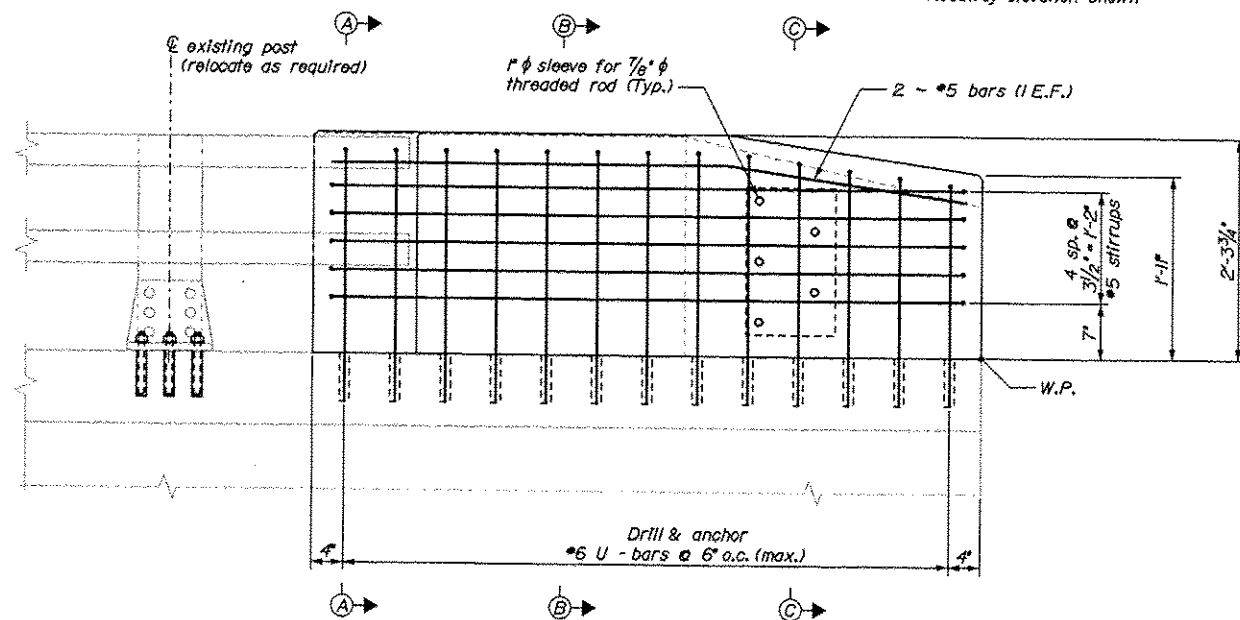
Username: mcaudiff

Division: BRIDGE

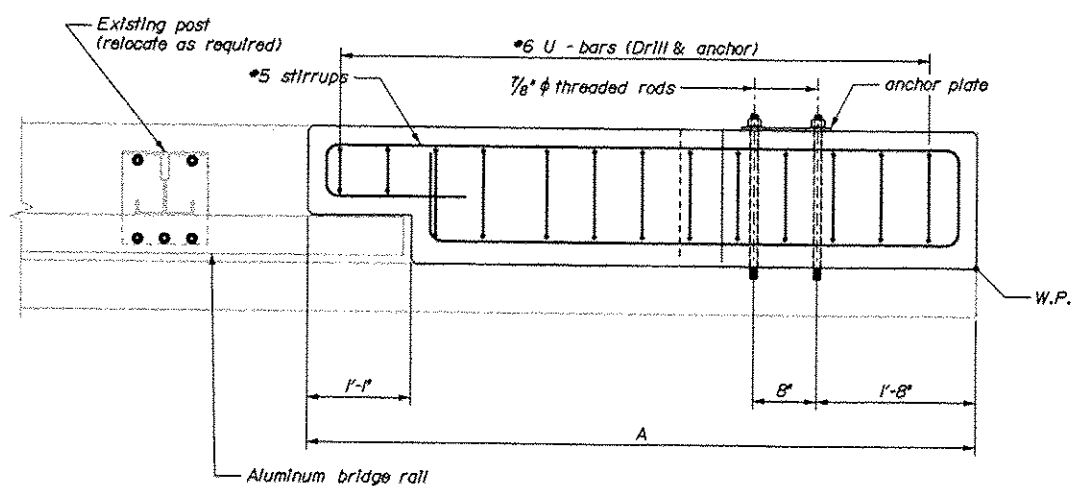
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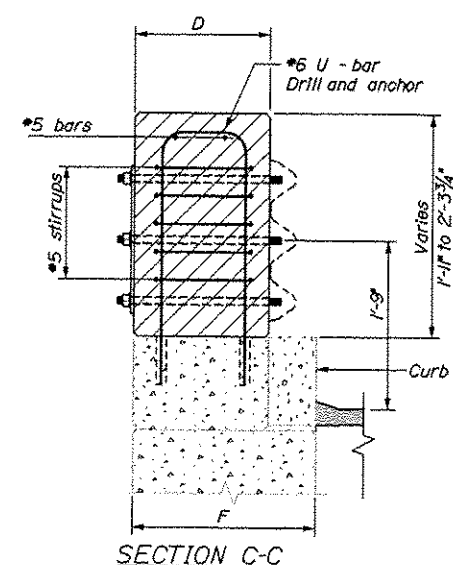
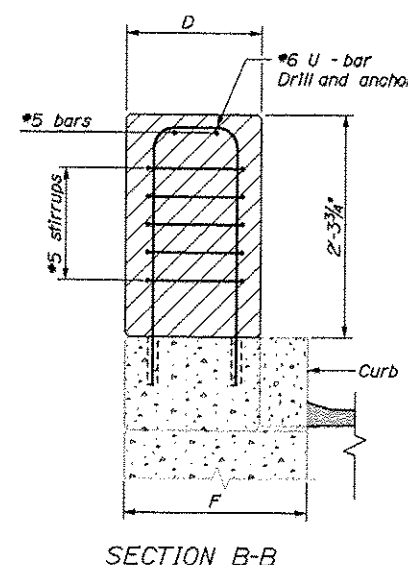
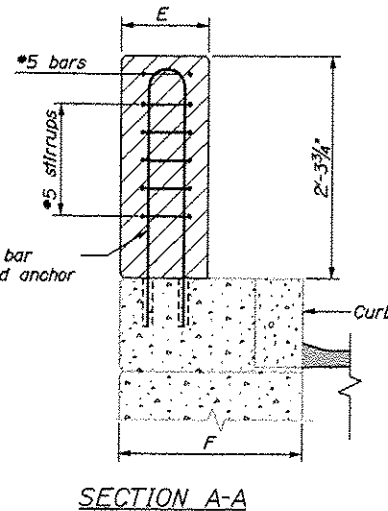
CONCRETE TRANSITION BARRIER (TYPE 1)
Roadway elevation shown



TRANSITION BARRIER ELEVATION
Roadway elevation shown



TRANSITION BARRIER PLAN

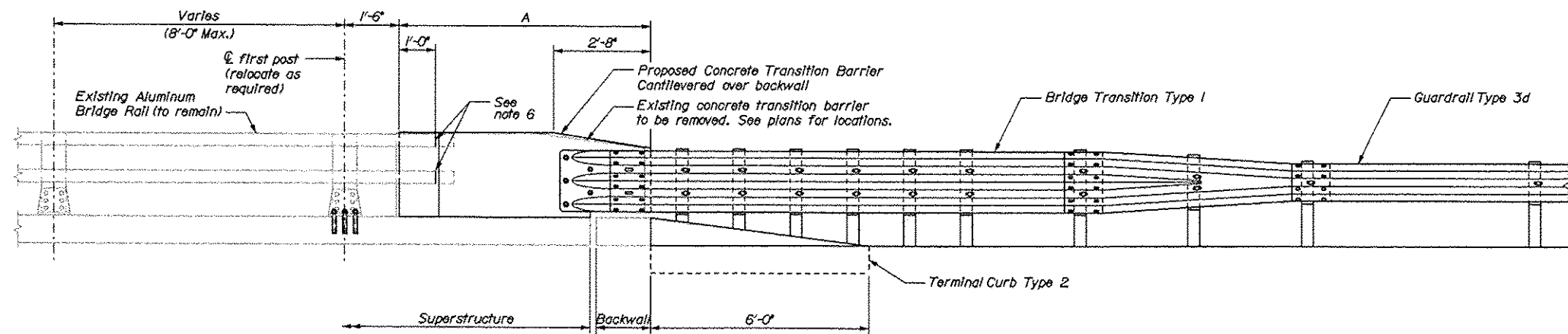


CONCRETE TRANSITION BARRIER NOTES

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

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

STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E	BRIDGE NO. AS NOTED PIN 17793.00	BRIDGE PLANS
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S. PORTLAND CUMBERLAND COUNTY CONCRETE TRANSITION BARRIER (TYPE 1)	SHEET NUMBER 25 OF 55	



CONCRETE TRANSITION BARRIER (TYPE 3A)
Roadway elevation shown

CONCRETE TRANSITION BARRIER NOTES

1. Refer to Standard Details Section 526 - Concrete Transition Barrier for details and information not shown.

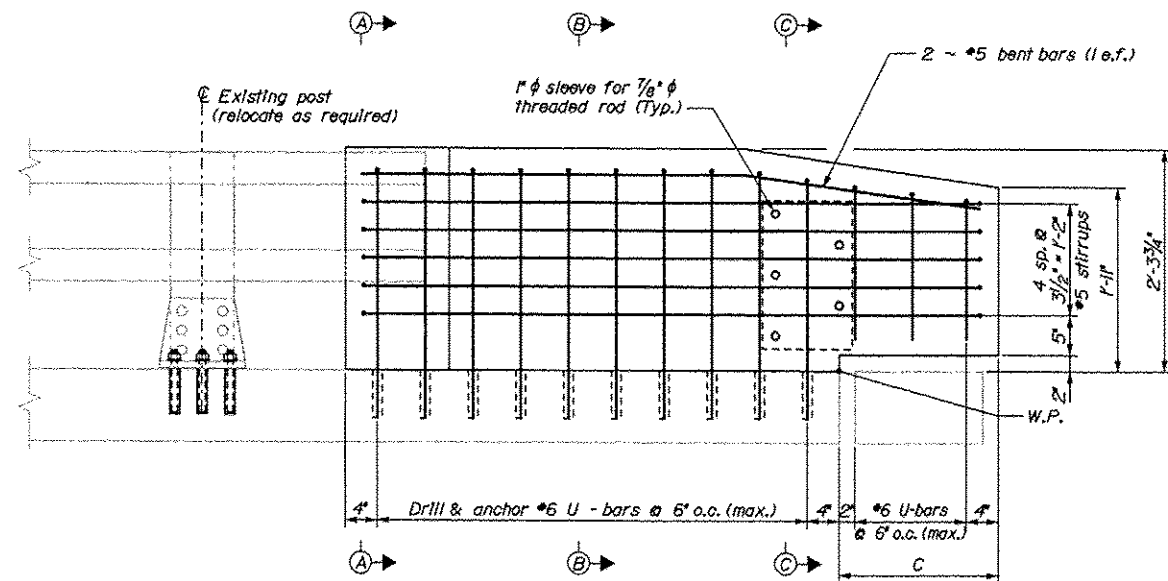
2. Reinforcing steel for the Transition Barriers is based on details shown in the Standard Details. Reinforcing steel shall be modified to fit the details and conditions shown on the plans. Payment for modifying reinforcing steel and for drilling and anchoring bars as shown will be considered incidental 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.

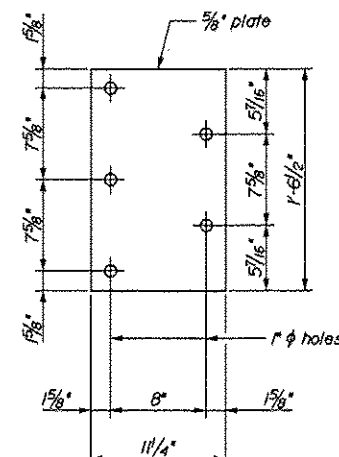
4. The bridge rail post bolt anchorage system shall be from MaineDOT's Qualified Products List or an approved equal. The Contractor shall submit the proposed system to the Resident for review prior to use. The bolt anchorages shall be installed in strict accordance with the selected manufacturer's recommendations. 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.

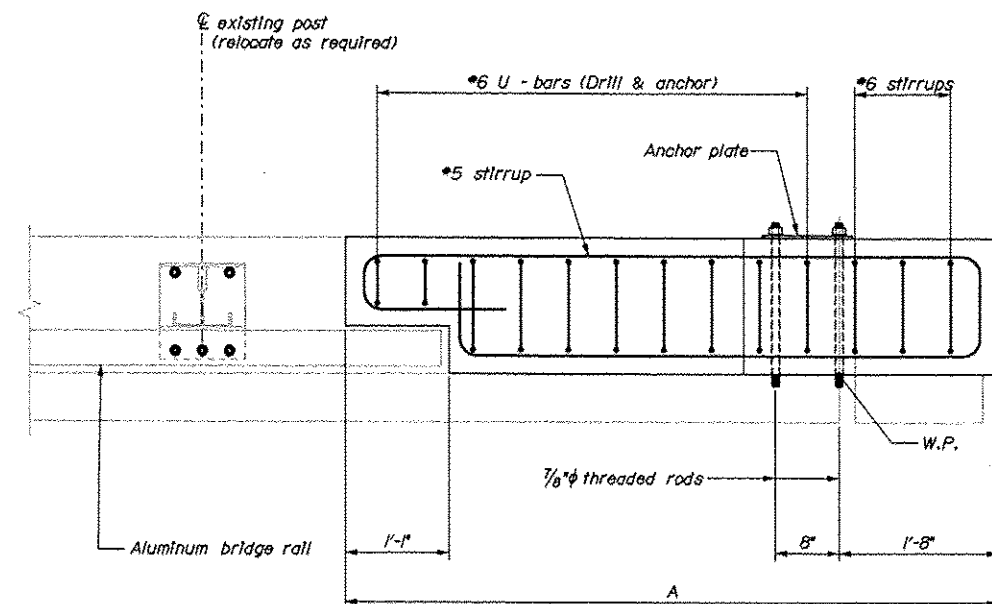


TRANSITION BARRIER ELEVATION
Roadway elevation shown

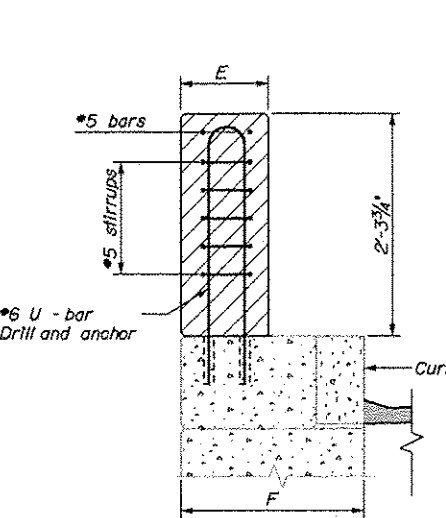


ANCHOR PLATE

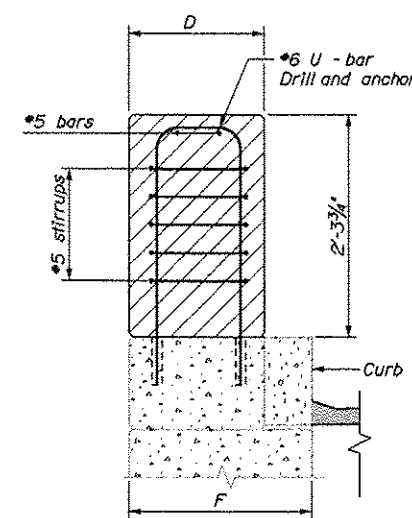
Bridge #	Bridge	Location	A	C	D	E	F
6300	Franklin Arterial	Departure Passing Lane	6'-4"	1'-1"	1'-4"	1'-1"	1'-11"
6298	Forest Avenue	Departure Passing Lane	6'-4"	2'-0"	1'-4"	1'-1"	1'-11"
6297	St. John Street	Approach Passing Lane	7'-10"	2'-0"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6295	St. James Street	Departure Travel Lane	6'-4"	1'-7"	1'-4"	1'-1"	1'-11"
6295	St. James Street	Departure Passing Lane	6'-4"	2'-3"	1'-4"	1'-1"	1'-11"
6294	Congress St./Park Av	Departure Passing Lane	6'-4"	1'-8"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6292	Portland Connector	Approach Passing Lane	6'-4"	1'-9"	1'-4"	1'-1"	1'-11"
6282	Portland Connector	Departure Passing Lane	6'-4"	2'-3"	1'-4"	1'-1"	1'-11"
8291	PTRR (Fore River)	Departure Passing Lane	8'-4"	2'-2"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6249	Westbrook Street	Departure Travel Lane	6'-4"	1'-9"	1'-3 1/2"	9 1/2"	1'-9 1/2"
6249	Westbrook Street	Departure Passing Lane	6'-4"	1'-10"	1'-3 1/2"	9 1/2"	1'-9 1/2"
1513	8239E (Route 703)	Approach Travel Lane	6'-9"	2'-1"	1'-4"	1'-1"	1'-11"
1513	8239E (Route 703)	Departure Travel Lane	6'-8"	2'-1"	1'-4"	1'-1"	1'-11"



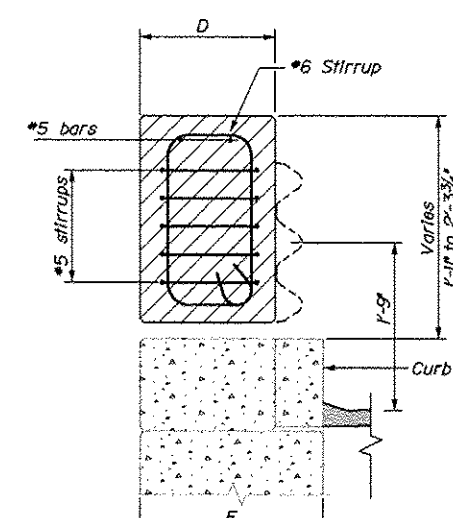
TRANSITION BARRIER PLAN



SECTION A-A



SECTION B-B



SECTION C-C

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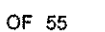
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CHECKED-REVIEWED	TRC		
DESIGN DETAIL	CHK		
DESIGN DETAIL	CHK		
DESIGN DETAIL	CHK		
REVISIONS 1			
REVISIONS 2			
REVISIONS 3			
REVISIONS 4			
FIELD CHANGES			

INTERSTATE 295 SOUTHBOUND
FALMOUTH TO S. PORTLAND
CUMBERLAND COUNTY
CONCRETE TRANSITION BARR
(TYPE 3A)

SHEET NUMBER

27

OF 55

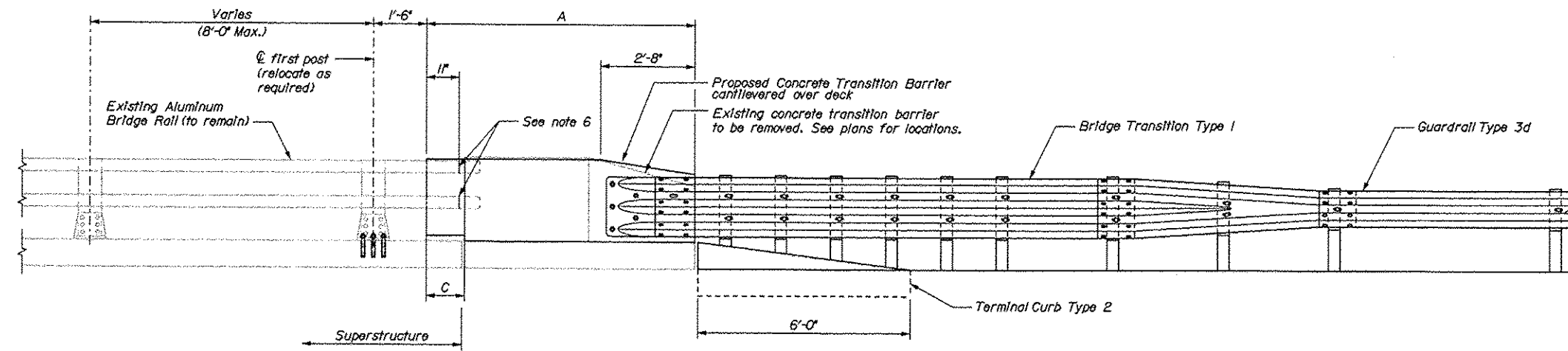


Date: 3/26/2010

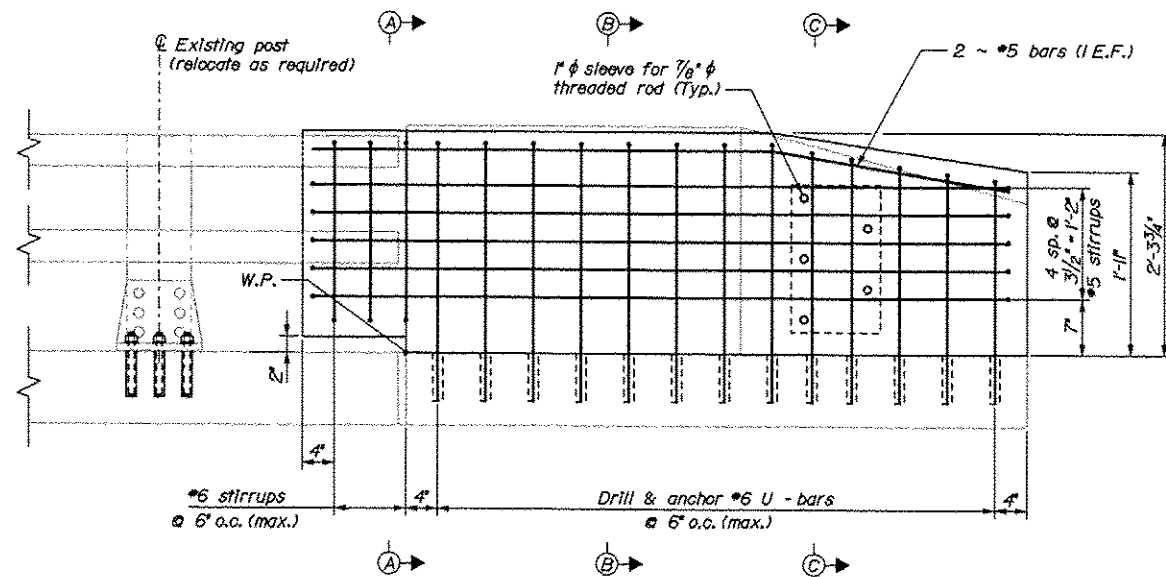
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Division: BRIDGE

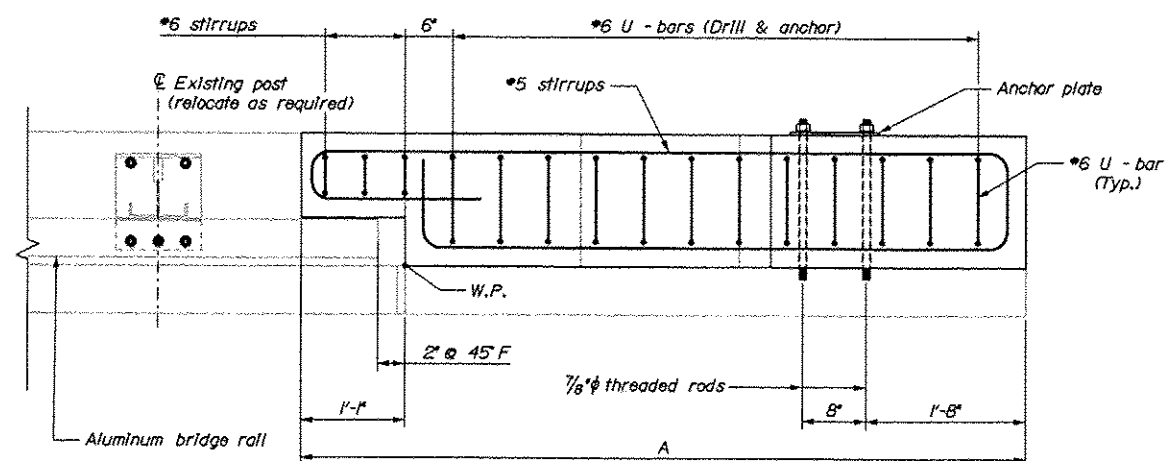
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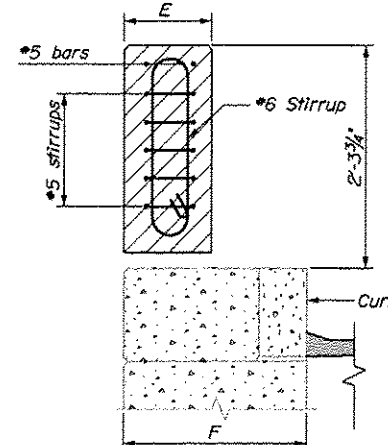
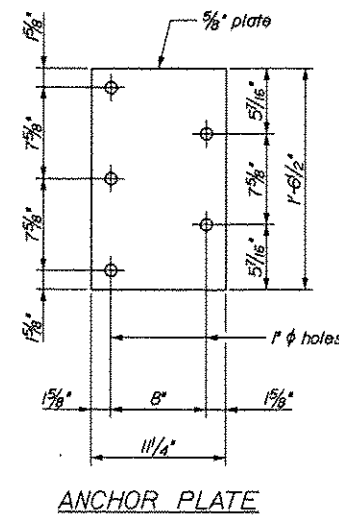
CONCRETE TRANSITION BARRIER (TYPE 4)
Roadway elevation shown



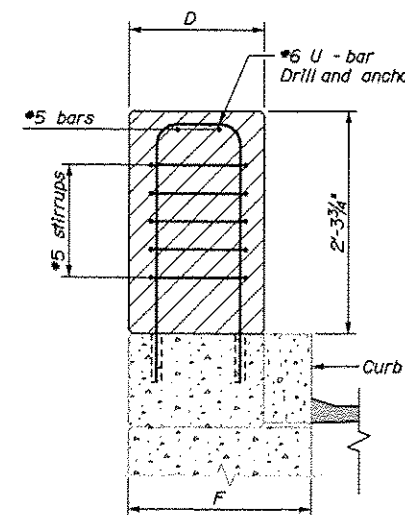
TRANSITION BARRIER ELEVATION
Roadway elevation shown



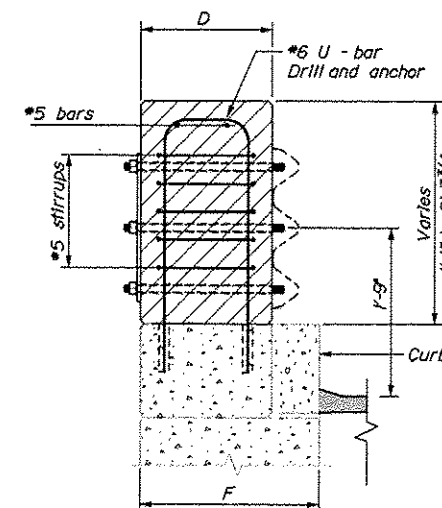
TRANSITION BARRIER PLAN



SECTION A-A



SECTION B-B



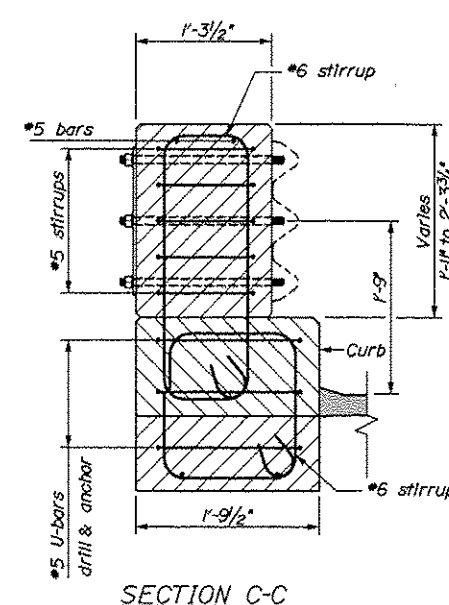
SECTION C-C

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 roll 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 roll 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 roll 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 roll sections as directed by the resident to provide 12" of projection into the transition barrier recess.

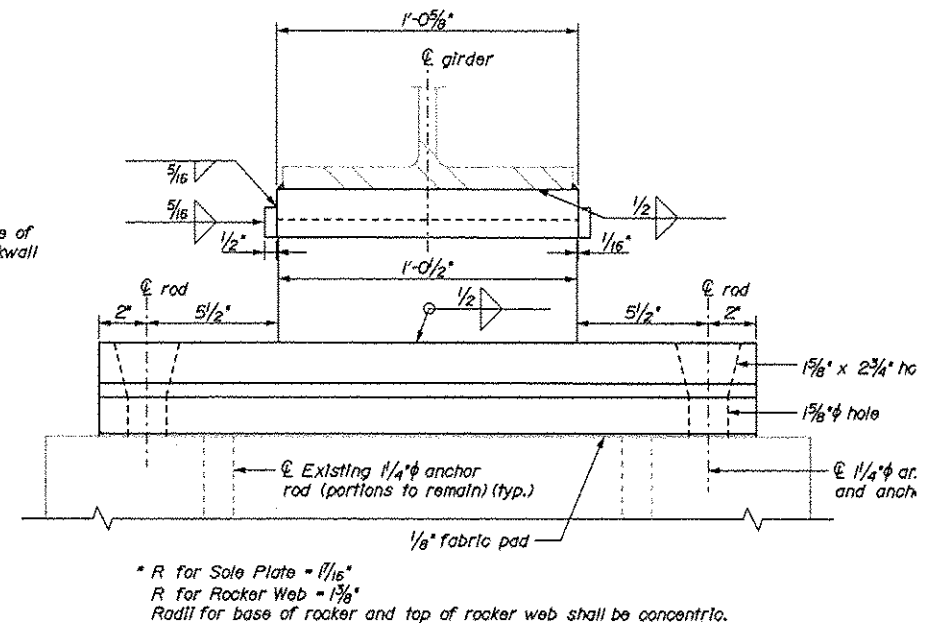
Bridge #	Bridge	Location	A	C	D	E	F
6300	Franklin Arterial	Approach Passing Lane	6'-7"	1'-11"	1'-4"	11"	1'-11"
6298	Forest Avenue	Approach Passing Lane	8'-1"	1'-8"	1'-4"	11"	1'-11"
6284	Congress St./Park Av.	Approach Passing Lane	6'-11"	1'-2"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6281	PTRR (Fore River)	Approach Passing Lane	6'-4"	1'-2"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6281	Fore River	Approach Passing Lane	7'-0"	1'-4"	1'-3 1/2"	10 1/2"	1'-9 1/2"
1513	8239E (Route 703)	Approach Passing Lane	7'-1"	6"	1'-4"	11"	1'-11"

STATE OF MAINE	DATE	BY	DATE	SIGNATURE
DEPARTMENT OF TRANSPORTATION	03/30	BWS	03/30	
IM-1779(300)E				
PIN 17793.00				
BRIDGE NO. AS NOTED				
BRIDGE PLANS				
INTERSTATE 295 SOUTHBOUND	DESIGNED BY	CHK	DATE	SIGNATURE
FALMOUTH TO SPORTLAND	CHECKED BY	RC		
CUMBERLAND COUNTY	DESIGNED BY	AL		
CONCRETE TRANSITION BARRIER (TYPE 4)	DESIGNED BY	AL		
SHEET NUMBER	REVISIONS 1			
29	REVISIONS 2			
OF 55	REVISIONS 3			
	REVISIONS 4			
	FIELD CHANGES			



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

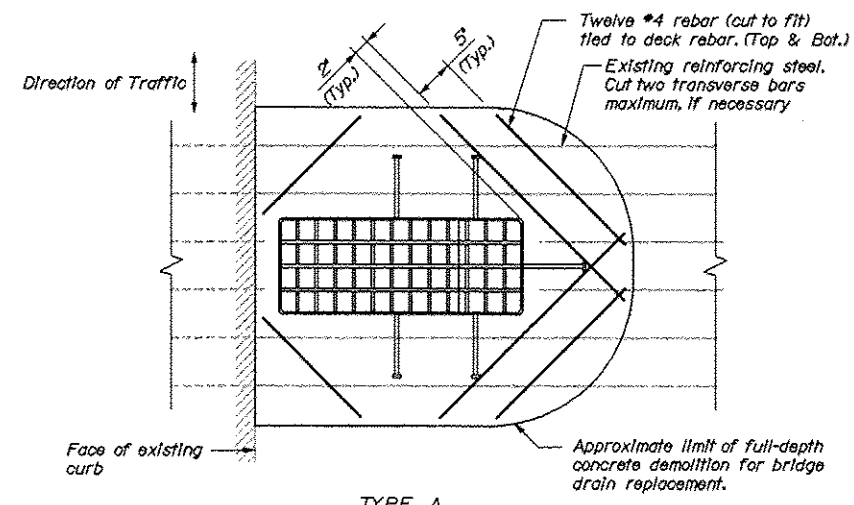
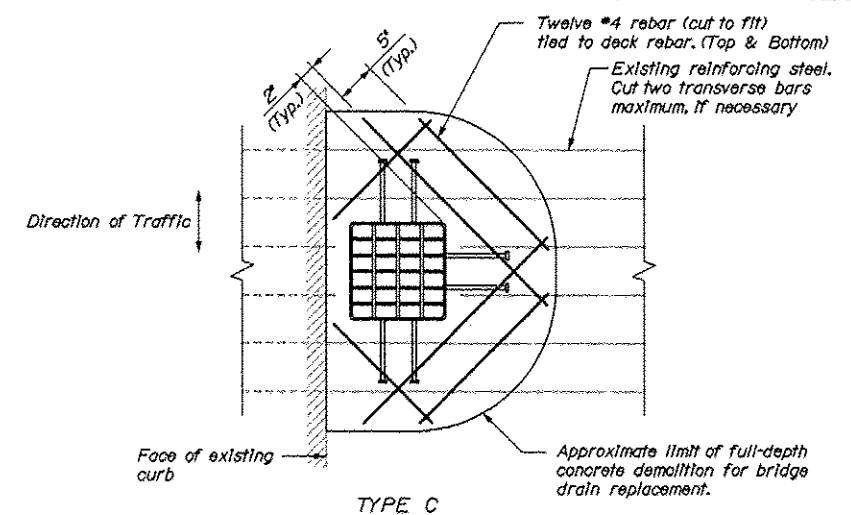
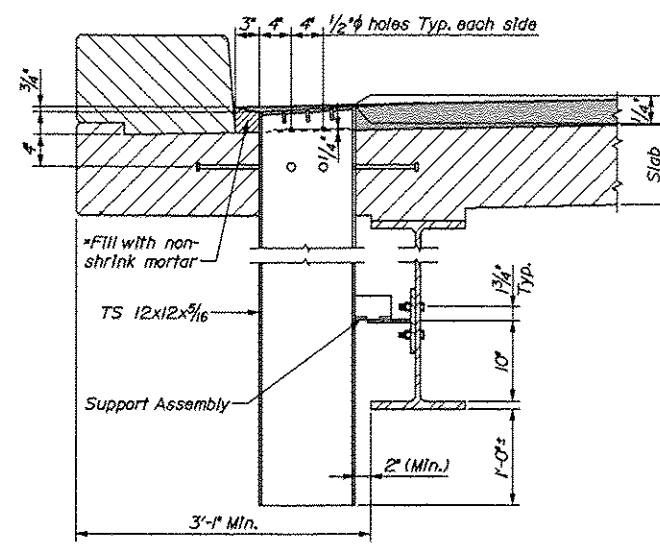
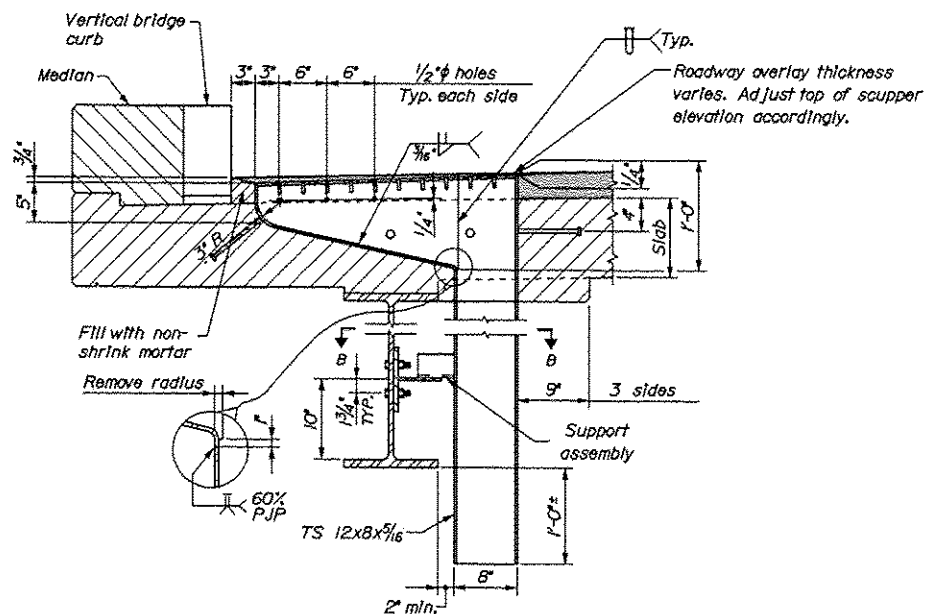
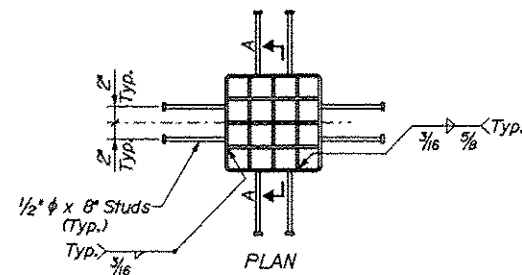
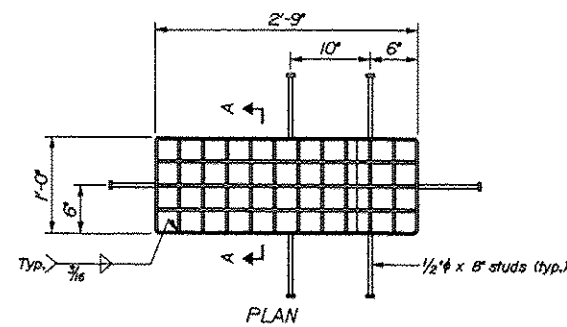
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORLAND CUMBERLAND COUNTY										PROJ. MANAGER		DATE	STATE OF MAINE	
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										CHECKED-REVIEWED	RWH			
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										CHECKED-REVIEWED	---			
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											DATE	PIN	BRIDGE NO. AS NOTED	BRIDGE PLANS
													17793.00	



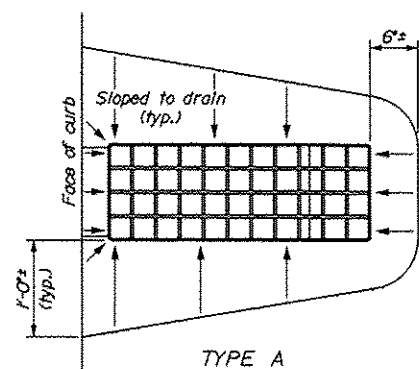
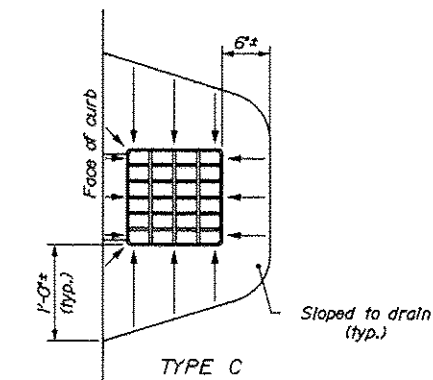
5. After installation of the bearings are complete the Contractor shall retouch areas of paint removal and damaged galvanizing with a cold galvanizing compound approved by the Resident.



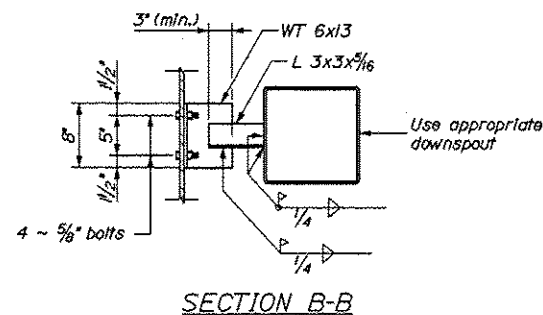
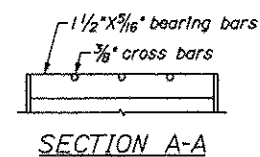
SHEET NUMBER		INTERSTATE 295 SOUTHBOUND FALMOUTH TO S. PORTLAND CUMBERLAND COUNTY		STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
31		BEARING DETAILS		IM-1779(300)E	
OF 55				BRIDGE NO. Varies	
				PIN 17793.00	
				BRIDGE PLANS	



SLAB REINFORCEMENT AT BRIDGE DRAINS
N.T.S.



PAVEMENT DEPRESSION AROUND BRIDGE DRAINS
N.T.S.



BRIDGE DRAIN NOTES:

1. All plates, if any, shall be $\frac{1}{4}$ " thick and shall conform to ASTM A 36.
2. Downspouts shall conform to ASTM A500.
3. Grating shall be a commercial heavy-duty grating with $1\frac{1}{2}$ " x $\frac{3}{16}$ " bearing bars spaced at $2\frac{3}{8}$ " and $\frac{3}{8}$ " 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 Contractor's option bridge drain shear studs may be field welded to the drain. Touch up areas with an approved cold galvanizing compound after welding.
6. Drains, WT6x13, and L 3x3x5/16 shall be blast cleaned to the requirements of SSPC-SP6/NACE 3 and hot-dipped galvanized in accordance with ASTM A 123. All associated fasteners shall be hot dip galvanized.
7. One 1" 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.

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

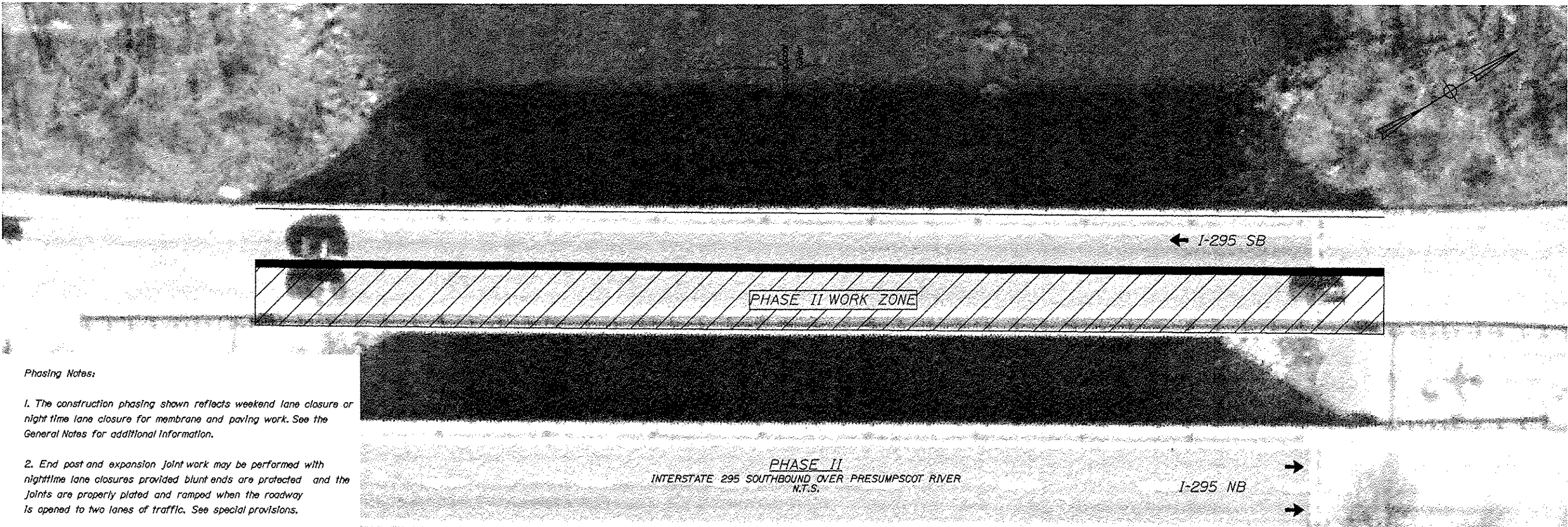
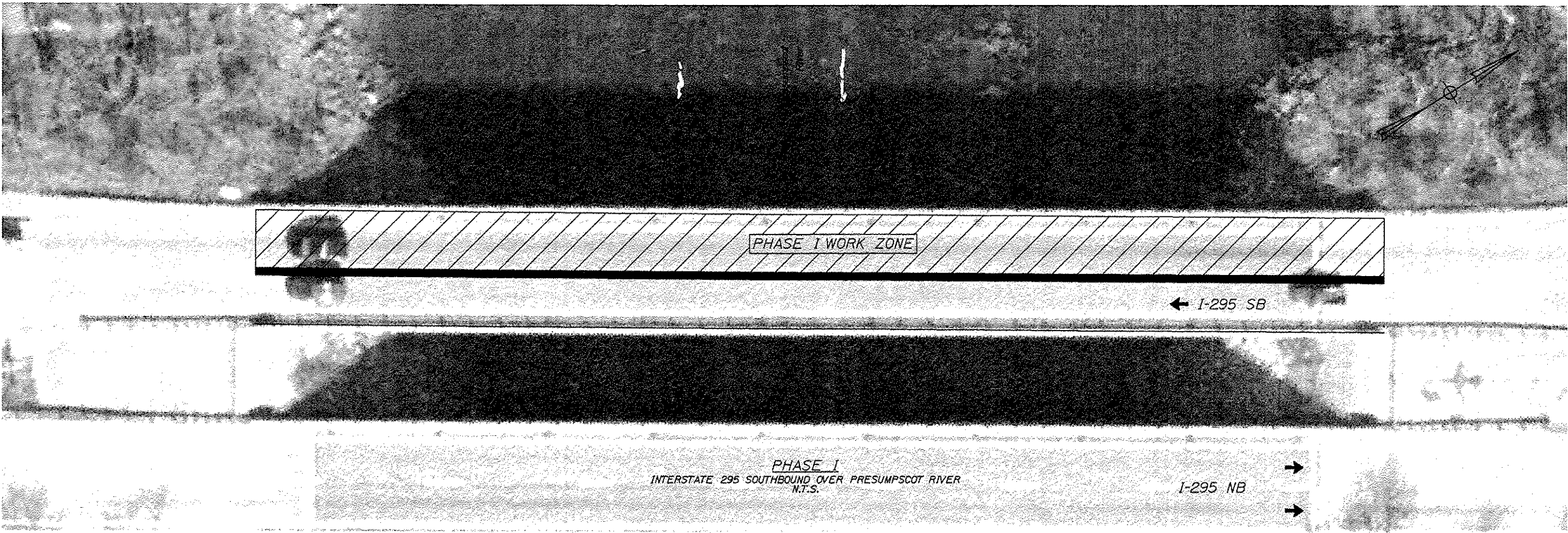
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CHECKED-REVIEWED				
REVISIONS 1				
REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

INTERSTATE 295 SOUTHBOUND	
FALMOUTH TO S. PORTLAND	
CUMBERLAND COUNTY	
BRIDGE DRAIN DETAILS	

SHEET NUMBER

32

OF 55

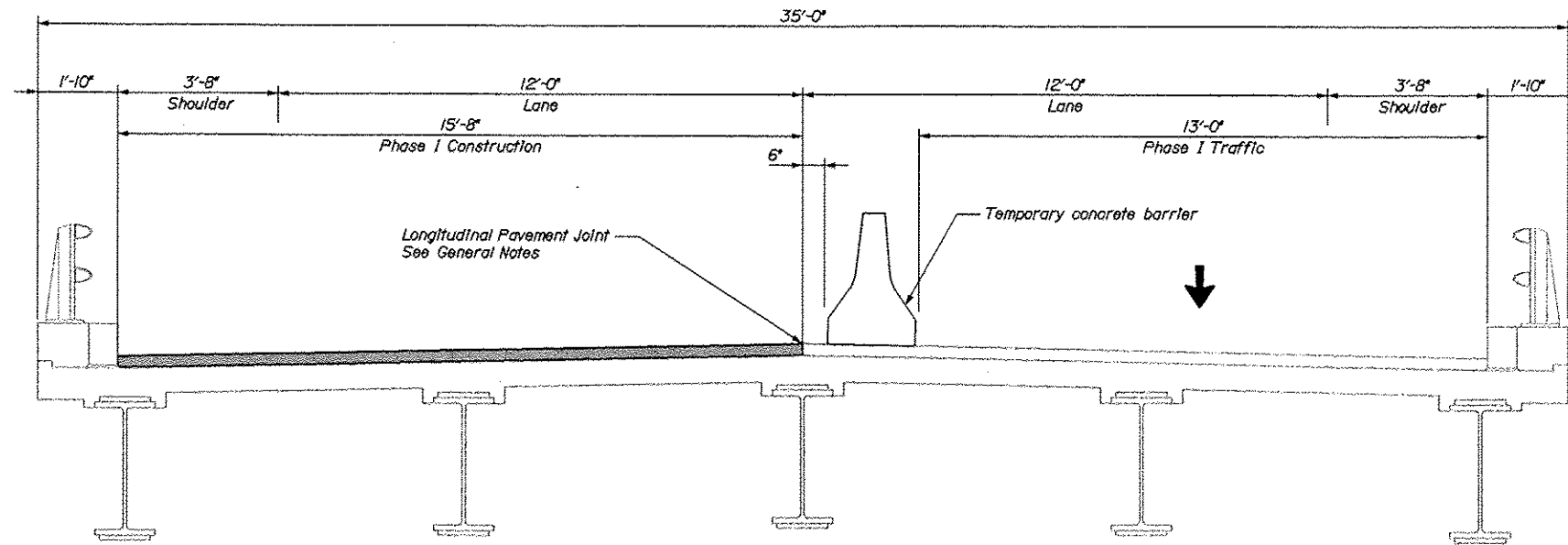


Phasing Notes:

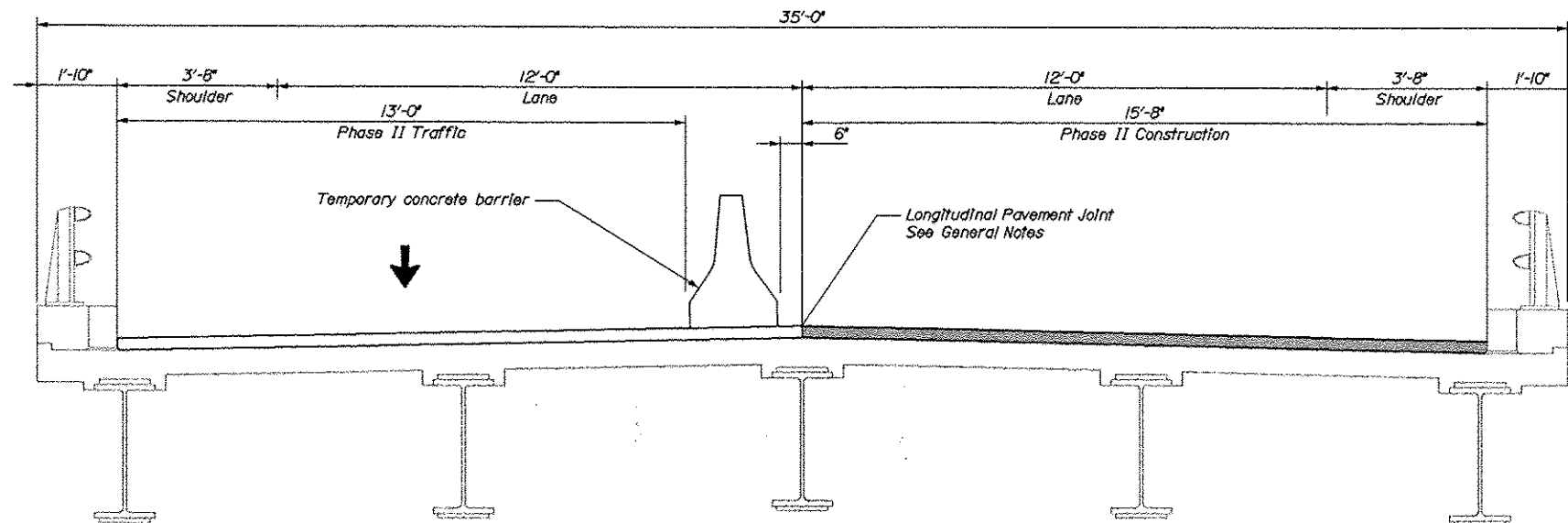
1. The construction phasing shown reflects weekend lane closure or nighttime lane closure for membrane and paving work. See the General Notes for additional information.

2. End post and expansion joint work may be performed with nighttime lane closures provided blunt ends are protected and the joints are properly plated and ramped when the roadway is opened to two lanes of traffic. See special provisions.

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		IM-1779(300)E		BRIDGE NO. 1505 PIN 17793.00 BRIDGE PLANS	
INTERSTATE 295 SOUTHBOUND PRESUMPCOT RIVER FALMOUTH CUMBERLAND COUNTY		CONSTRUCTION PHASING PLAN		SHEET NUMBER 33 OF 55	
PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER
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DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					



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



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

NOTE:
Sections are shown looking upstation.

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
BRIDGE NO. 1505	PIN 17793.00
BRIDGE PLANS	

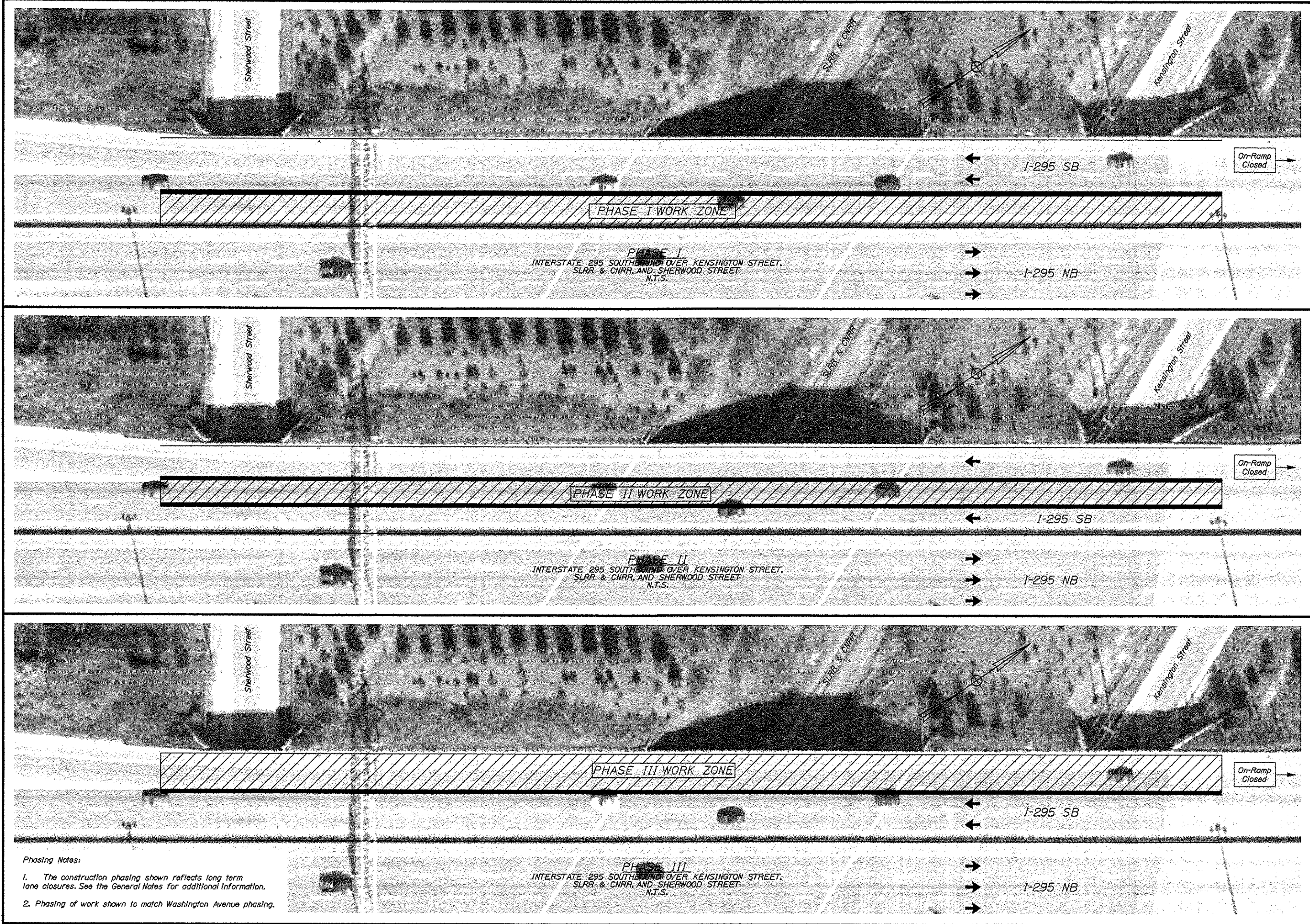
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DESIGN DETAIL	CH	DATE	DATE	DATE	DATE
CHECKED	DATE	DATE	DATE	DATE	DATE
DESIGN DETAIL	DATE	DATE	DATE	DATE	DATE
REVISIONS 1	DATE	DATE	DATE	DATE	DATE
REVISIONS 2	DATE	DATE	DATE	DATE	DATE
REVISIONS 3	DATE	DATE	DATE	DATE	DATE
REVISIONS 4	DATE	DATE	DATE	DATE	DATE
FIELD CHANGES	DATE	DATE	DATE	DATE	DATE

INTERSTATE 295 SOUTHBOUND	DATE
PRESUMPCOT RIVER	DATE
FALMOUTH CUMBERLAND COUNTY	DATE
CONSTRUCTION PHASING	DATE
TYPICAL SECTION	DATE

SHEET NUMBER

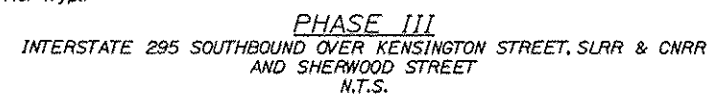
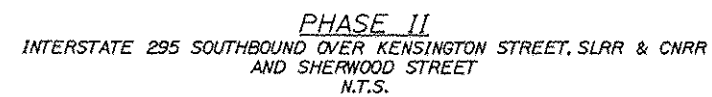
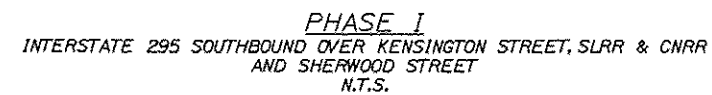
34

OF 55

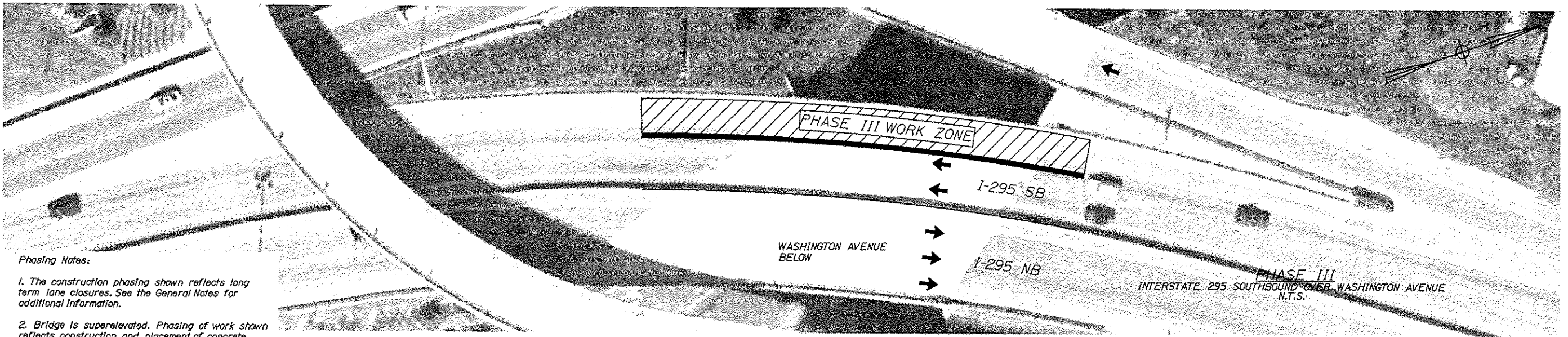
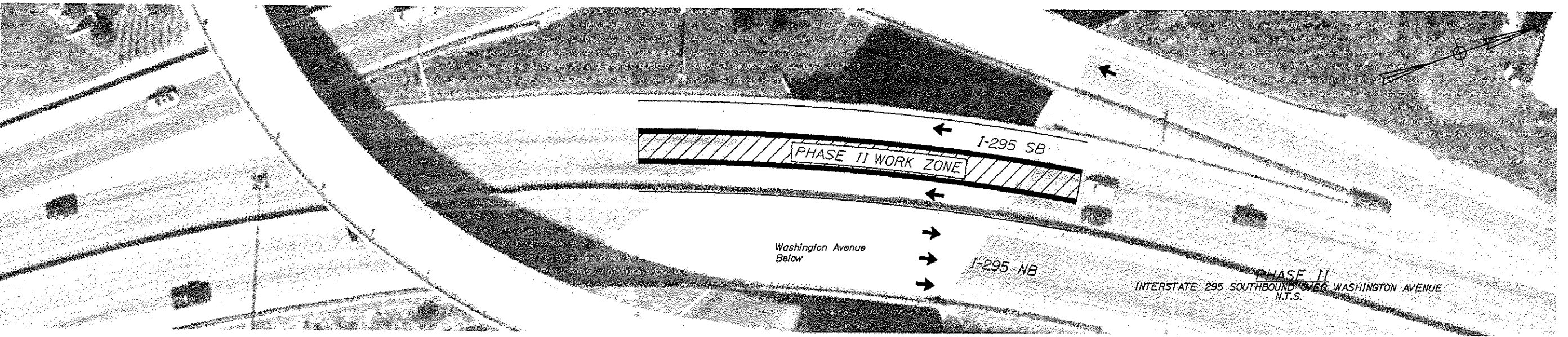
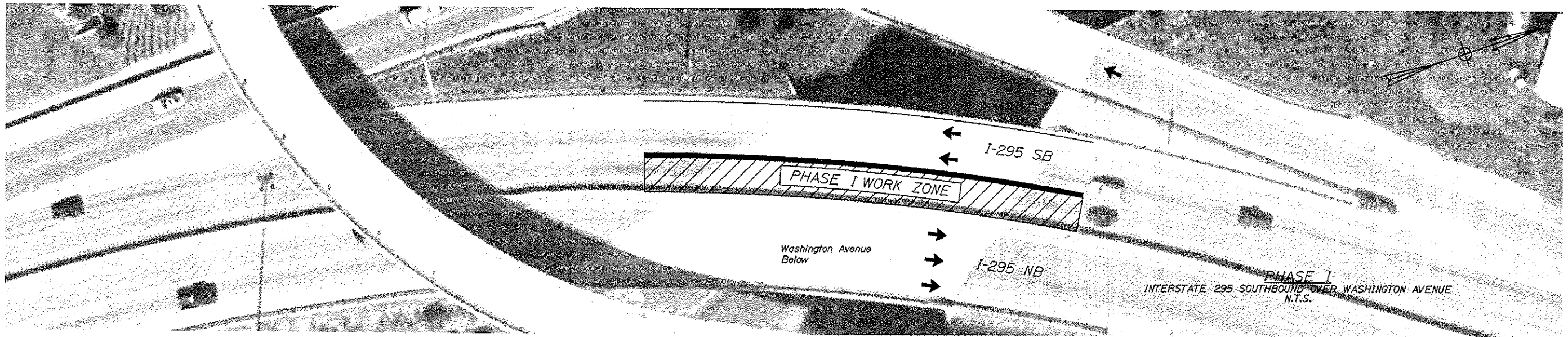


Phasing Notes:
1. The construction phasing shown reflects long term lane closures. See the General Notes for additional information.
2. Phasing of work shown to match Washington Avenue phasing.

INTERSTATE 295 SOUTHBOUND KENSINGTON STREET, SLRR/CNRR & SHERWOOD STREET PORTLAND CUMBERLAND COUNTY										PROJ. MANAGER		DOE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION	
CONSTRUCTION PHASING PLAN										DESIGN-DETAILED		CAH	RRH	03/30	SIGNATURE	IM-1779(300)E
										CHECKED-REVIEWED		DOE		03/30		
										DESIGN-DETAILED						
										DESIGN-DETAILED						
										DESIGN-DETAILED						
										REVISIONS 1					P.E. NUMBER	
										REVISIONS 2						
										REVISIONS 3						
										REVISIONS 4						
										FIELD CHANGES						
SHEET NUMBER										BRIDGE NO.		PIN		BRIDGE PLANS		
35										5618, 5616, 5617		17793.00		17793.00		
OF 55																



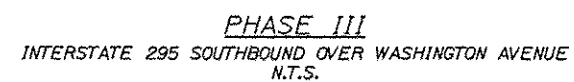
NOTE:
Sections are shown looking upstation.



Phasing Notes:

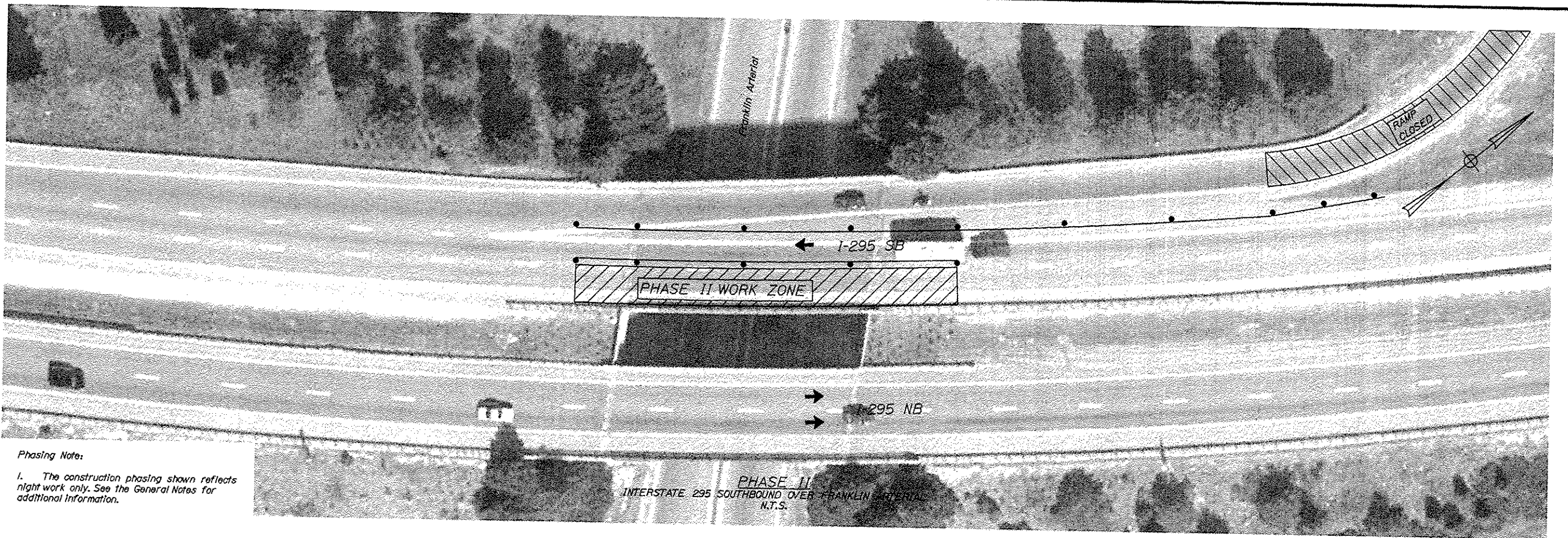
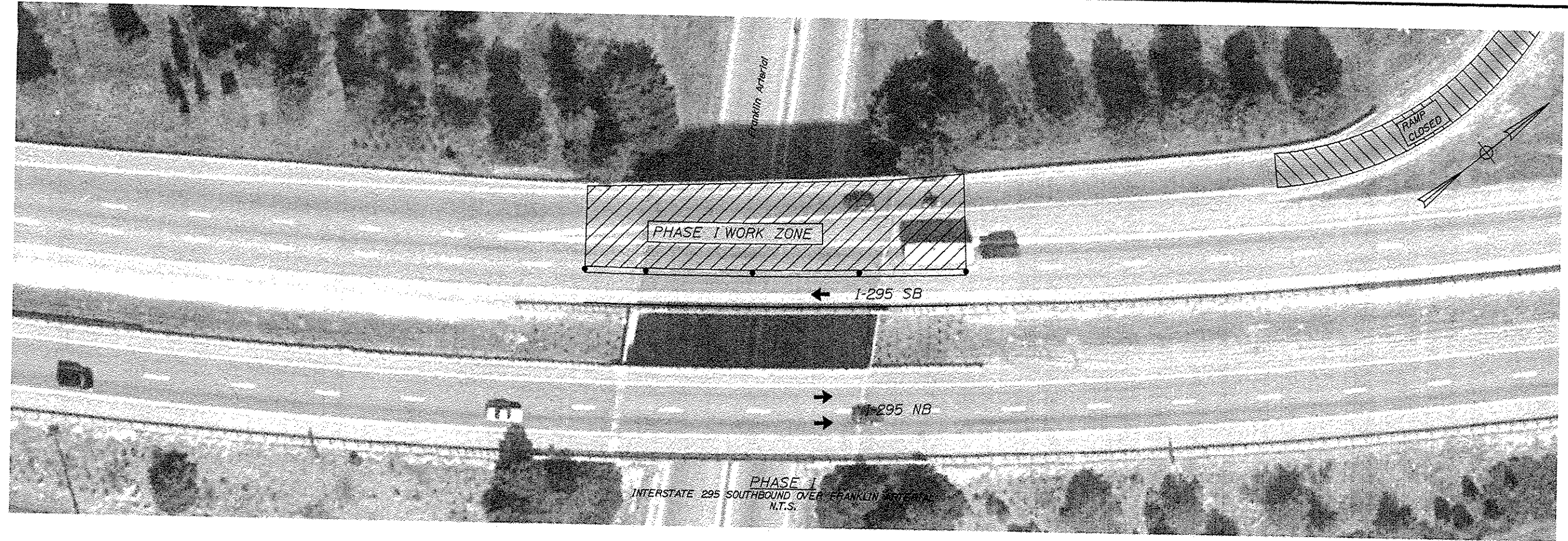
1. The construction phasing shown reflects long term lane closures. See the General Notes for additional information.
2. Bridge is superelevated. Phasing of work shown reflects construction and placement of concrete wearing surface on low side in Phase I.

STATE OF MAINE		DEPARTMENT OF TRANSPORTATION		IM-1779(300)E		PIN 17793.00		BRIDGE NO. 0816		BRIDGE PLANS	
INTERSTATE 295 SOUTHBOUND		WASHINGTON AVENUE		CUMBERLAND COUNTY		CONSTRUCTION PHASING		PLAN		SHEET NUMBER	
37		OF 55									
PROJ. MANAGER	DESIGN-DETAILED	CAD	DATE	BY	DATE	DATE	DATE	DATE	DATE	DATE	DATE
CHECKED-REVIEWED	DESIGN-DETAILED	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE	DATE
REVISIONS 1	REVISIONS 2	REVISIONS 3	REVISIONS 4	REVISIONS 5	REVISIONS 6	REVISIONS 7	REVISIONS 8	REVISIONS 9	REVISIONS 10	REVISIONS 11	REVISIONS 12
REVISIONS 13	REVISIONS 14	REVISIONS 15	REVISIONS 16	REVISIONS 17	REVISIONS 18	REVISIONS 19	REVISIONS 20	REVISIONS 21	REVISIONS 22	REVISIONS 23	REVISIONS 24
REVISIONS 25	REVISIONS 26	REVISIONS 27	REVISIONS 28	REVISIONS 29	REVISIONS 30	REVISIONS 31	REVISIONS 32	REVISIONS 33	REVISIONS 34	REVISIONS 35	REVISIONS 36
REVISIONS 37	REVISIONS 38	REVISIONS 39	REVISIONS 40	REVISIONS 41	REVISIONS 42	REVISIONS 43	REVISIONS 44	REVISIONS 45	REVISIONS 46	REVISIONS 47	REVISIONS 48
REVISIONS 49	REVISIONS 50	REVISIONS 51	REVISIONS 52	REVISIONS 53	REVISIONS 54	REVISIONS 55	REVISIONS 56	REVISIONS 57	REVISIONS 58	REVISIONS 59	REVISIONS 60
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REVISIONS 85	REVISIONS 86	REVISIONS 87	REVISIONS 88	REVISIONS 89	REVISIONS 90	REVISIONS 91	REVISIONS 92	REVISIONS 93	REVISIONS 94	REVISIONS 95	REVISIONS 96
REVISIONS 97	REVISIONS 98	REVISIONS 99	REVISIONS 100	REVISIONS 101	REVISIONS 102	REVISIONS 103	REVISIONS 104	REVISIONS 105	REVISIONS 106	REVISIONS 107	REVISIONS 108
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REVISIONS 145	REVISIONS 146	REVISIONS 147	REVISIONS 148	REVISIONS 149	REVISIONS 150	REVISIONS 151	REVISIONS 152	REVISIONS 153	REVISIONS 154	REVISIONS 155	REVISIONS 156
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REVISIONS 193	REVISIONS 194	REVISIONS 195	REVISIONS 196	REVISIONS 197	REVISIONS 198	REVISIONS 199	REVISIONS 200	REVISIONS 201	REVISIONS 202	REVISIONS 203	REVISIONS 204
REVISIONS 205	REVISIONS 206	REVISIONS 207	REVISIONS 208	REVISIONS 209	REVISIONS 210	REVISIONS 211	REVISIONS 212	REVISIONS 213	REVISIONS 214	REVISIONS 215	REVISIONS 216
REVISIONS 217	REVISIONS 218	REVISIONS 219	REVISIONS 220	REVISIONS 221	REVISIONS 222	REVISIONS 223	REVISIONS 224	REVISIONS 225	REVISIONS 226	REVISIONS 227	REVISIONS 228
REVISIONS 229	REVISIONS 230	REVISIONS 231	REVISIONS 232	REVISIONS 233	REVISIONS 234	REVISIONS 235	REVISIONS 236	REVISIONS 237	REVISIONS 238	REVISIONS 239	REVISIONS 240
REVISIONS 241	REVISIONS 242	REVISIONS 243	REVISIONS 244	REVISIONS 245	REVISIONS 246	REVISIONS 247	REVISIONS 248	REVISIONS 249	REVISIONS 250	REVISIONS 251	REVISIONS 252
REVISIONS 253	REVISIONS 254	REVISIONS 255	REVISIONS 256	REVISIONS 257	REVISIONS 258	REVISIONS 259	REVISIONS 260	REVISIONS 261	REVISIONS 262	REVISIONS 263	REVISIONS 264
REVISIONS 265	REVISIONS 266	REVISIONS 267	REVISIONS 268	REVISIONS 269	REVISIONS 270	REVISIONS 271	REVISIONS 272	REVISIONS 273	REVISIONS 274	REVISIONS 275	REVISIONS 276
REVISIONS 277	REVISIONS 278	REVISIONS 279	REVISIONS 280	REVISIONS 281	REVISIONS 282	REVISIONS 283	REVISIONS 284	REVISIONS 285	REVISIONS 286	REVISIONS 287	REVISIONS 288
REVISIONS 289	REVISIONS 290	REVISIONS 291	REVISIONS 292	REVISIONS 293	REVISIONS 294	REVISIONS 295	REVISIONS 296	REVISIONS 297	REVISIONS 298	REVISIONS 299	REVISIONS 300



NOTES:
1. Longitudinal concrete wearing surface joints for the Washington Avenue Bridge are not located at crown lines or lane lines.
2. Sections are shown looking upstation.

SHEET NUMBER 38 OF 55	INTERSTATE 295 SOUTHBOUND WASHINGTON AVENUE PORTLAND CUMBERLAND COUNTY CONSTRUCTION PHASING TYPICAL SECTION							STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E		
										PIN 17793.00
										BRIDGE NO. 0816
										BRIDGE PLANS
							PROJ. MANAGER	DCE	BY	DATE
DESIGN-DETAILED							CAN	RWN	03/10	SIGNATURE
CHECKED-REVIEWED DCE									03/10	
DESIGNED-DETAIL DDC										
DESIGNS-DETAILED DS										
REVISONS 1										P.E. NUMBER
REVISONS 2										
REVISONS 3										
REVISONS 4										DATE
FIELD CHANGES										



Phasing Note:

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

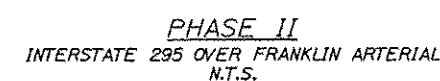
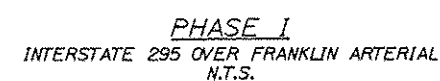
STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
IM-1779(300)E
BRIDGE NO. 6300 PIN 17793.00
BRIDGE PLANS

PROJ. MANAGER	DESIGNED BY	CHECKED BY	DATE
DESIGNED: J. C. W.	CHKD: J. C. W.	DATE: 03/26/10	SIGNATURE: [Signature]
CHECKED: J. C. W.	DATE: 03/26/10	P.E. NUMBER: [Number]	DATE: [Date]
DESIGNED: J. C. W.	REVISIONS: 1	REVISIONS: 2	REVISIONS: 3
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REVISIONS: 2	REVISIONS: 3	REVISIONS: 4	FIELD CHANGES

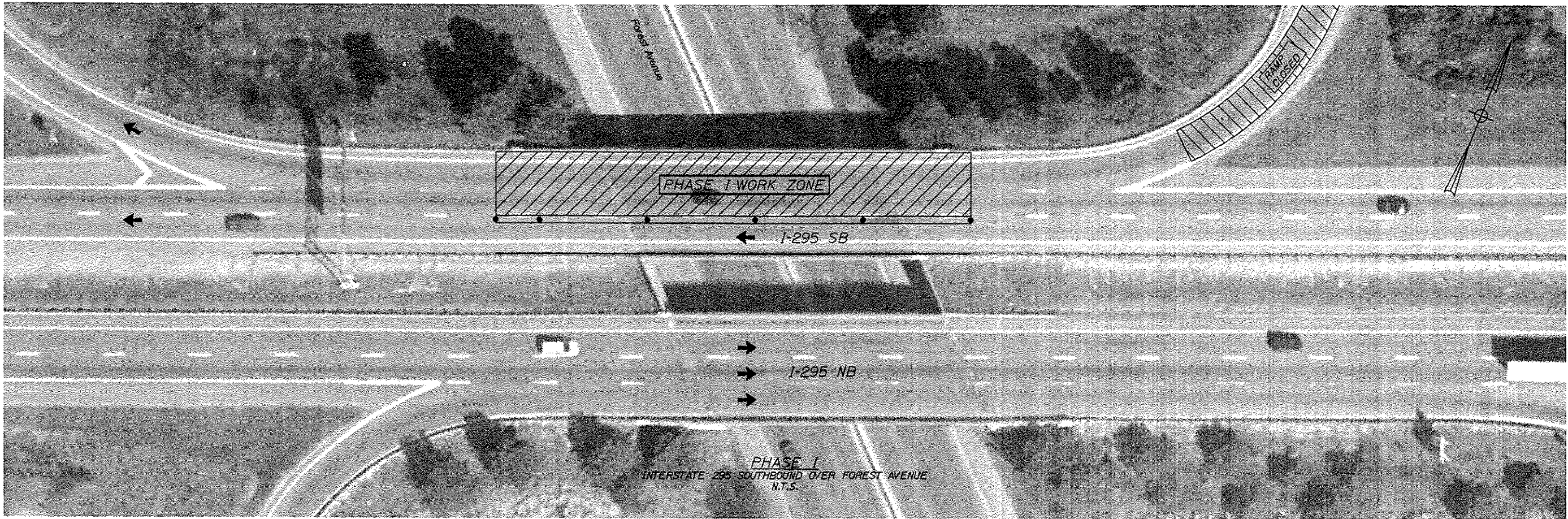
INTERSTATE 295 SOUTHBOUND
FRANKLIN ARTERIAL
PORTLAND CUMBERLAND COUNTY
CONSTRUCTION PHASING
PLAN

SHEET NUMBER
39
OF 55

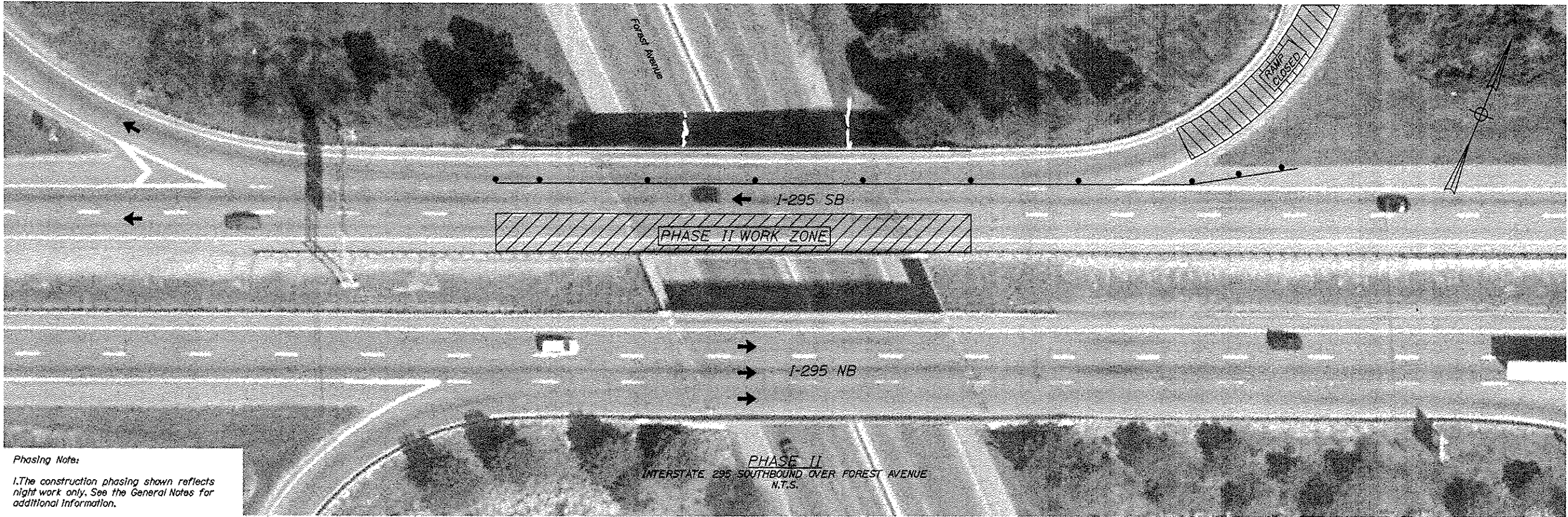
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INTERSTATE 295 SOUTHBOUND FRANKLIN ARTERIAL PORTLAND CUMBERLAND COUNTY CONSTRUCTION PHASING TYPICAL SECTION	PROJ. MANAGER	DOE	BY	DATE	STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E PIN 17793.00 BRIDGE NO. 6300 BRIDGE PLANS
	DESIGN-DETAILED	CHI	RMH	03/10	
	CHECKED-REVIEWED	DOE	--	--	
	DESIGN-DETAILED	DOE	--	--	
	DESIGN-DETAILED	DOE	--	--	
SIGNATURE		P.E. NUMBER		DATE	



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



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

Phasing Note:

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

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

DATE	BY	DATE	SIGNATURE
03/10	EWB	03/10	
03/10			
			P.E. NUMBER
			DATE

PROJ. MANAGER	DESIGN-REVIEWED	CAD	DATE
	CHECKED-REVIEWED	DOE	
	DESIGN-REVIEWED	DOE	
	DESIGN-REVIEWED	DOE	
	REVISIONS 1		
	REVISIONS 2		
	REVISIONS 3		
	REVISIONS 4		
	FIELD CHANGES		

INTERSTATE 295 SOUTHBOUND	
FOREST AVENUE	
CUMBERLAND COUNTY	
PORTLAND	
CONSTRUCTION PHASING	
PLAN	

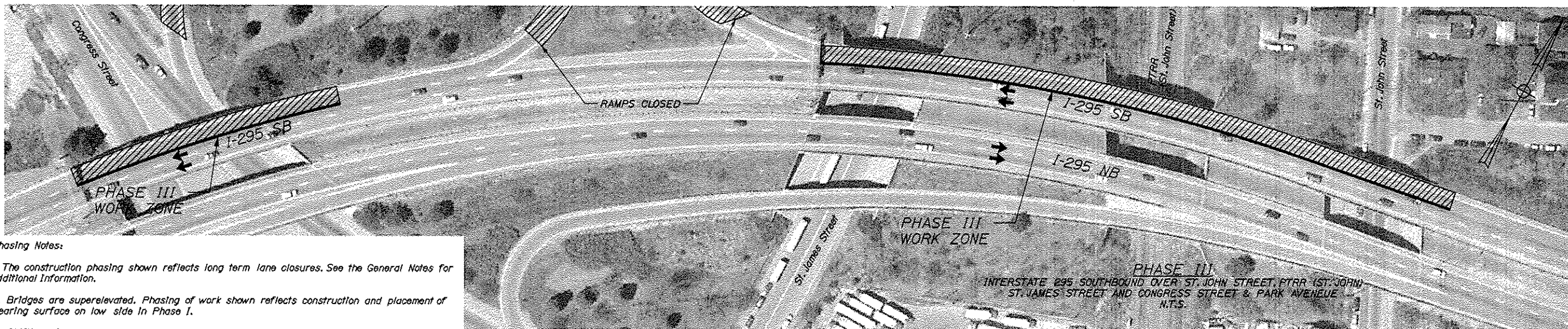
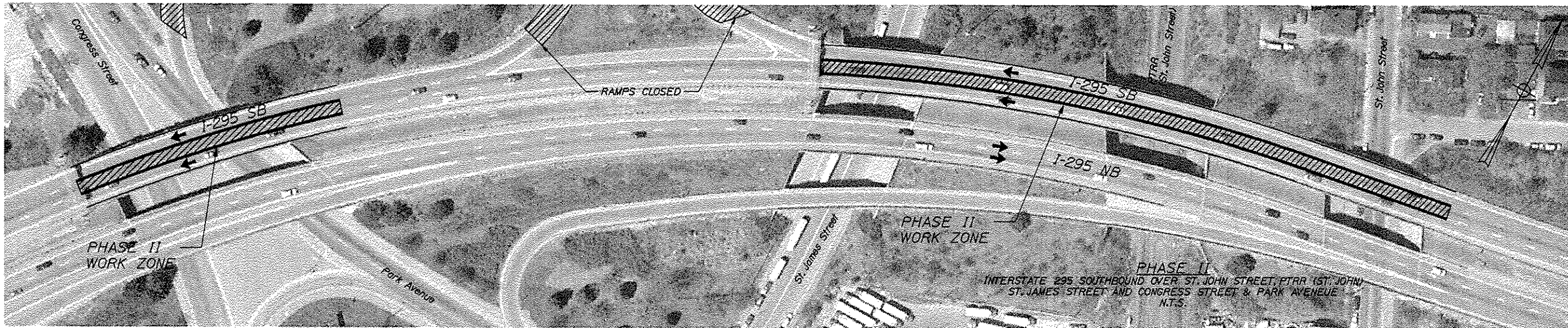
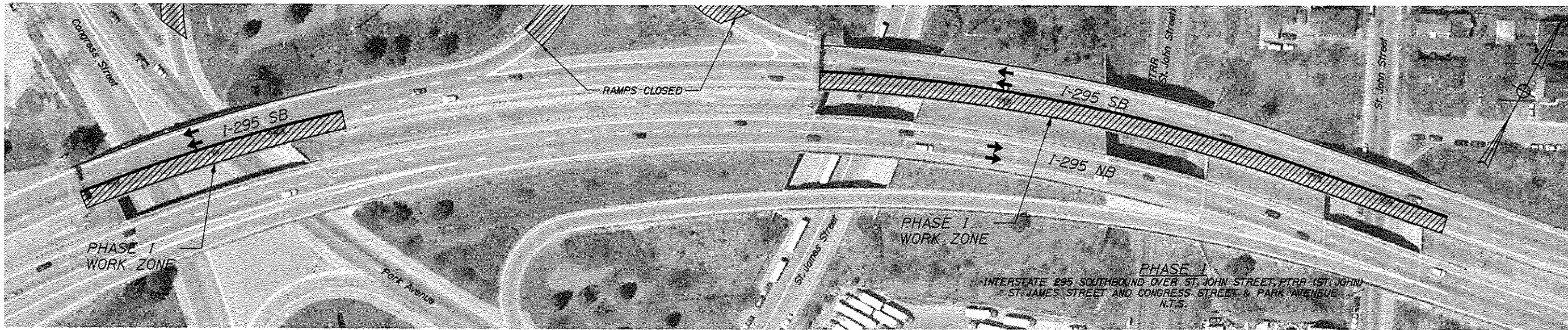
SHEET NUMBER

41

OF 55



QF 55



Phasing Notes:

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

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
IM-1779(300)E
BRIDGE NO. 6297,
6298, 6299 & 6294
PIN
17793.00
BRIDGE PLANS

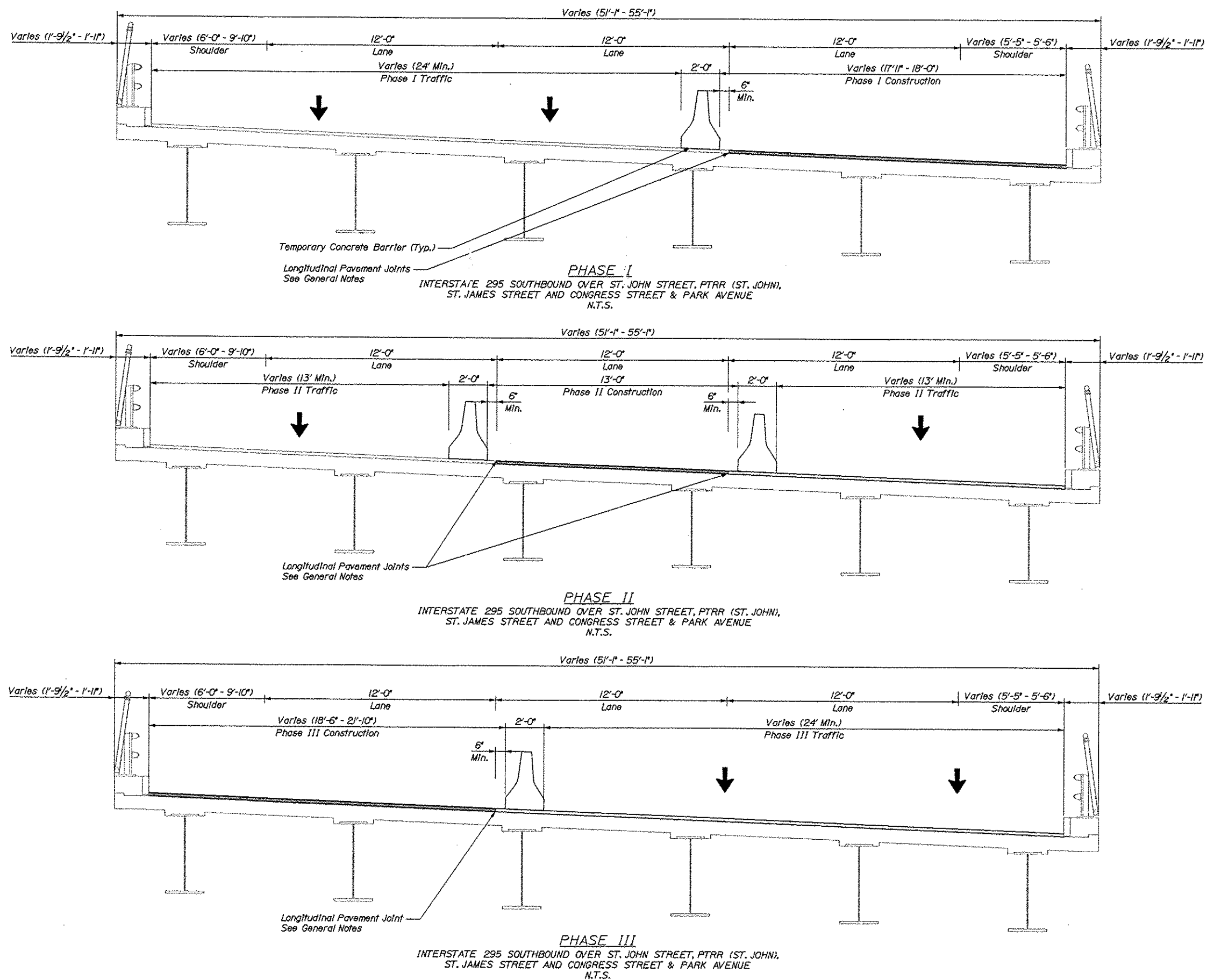
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CHECKED-REVIEWED	03/10		03/10		
DESIGN-DETAILED					
REVISIONS 1					
REVISIONS 2					
REVISIONS 3					
REVISIONS 4					
FIELD CHANGES					

INTERSTATE 295 SOUTHBOUND
ST. JOHN ST. PRR (ST. JOHN)
ST. JAMES ST. & CONGRESS ST.
CUMBERLAND COUNTY
PORTLAND
CONSTRUCTION PHASING
PLAN

SHEET NUMBER

43

OF 55



STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
IM-1779(300)E
BRIDGE NO. 6297,
6298, 6299 & 6304
PIN 17793.00
BRIDGE PLANS

PROJ. NUMBER	DATE	BY	DATE	SIGNATURE
DESIGN-DETAILED	03/10	SWH		
CHECKED-REVIEWED	03/10			
DESIGN-DETAILED				
DESIGN-DETAILED				
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REVISIONS 2				
REVISIONS 3				
REVISIONS 4				
FIELD CHANGES				

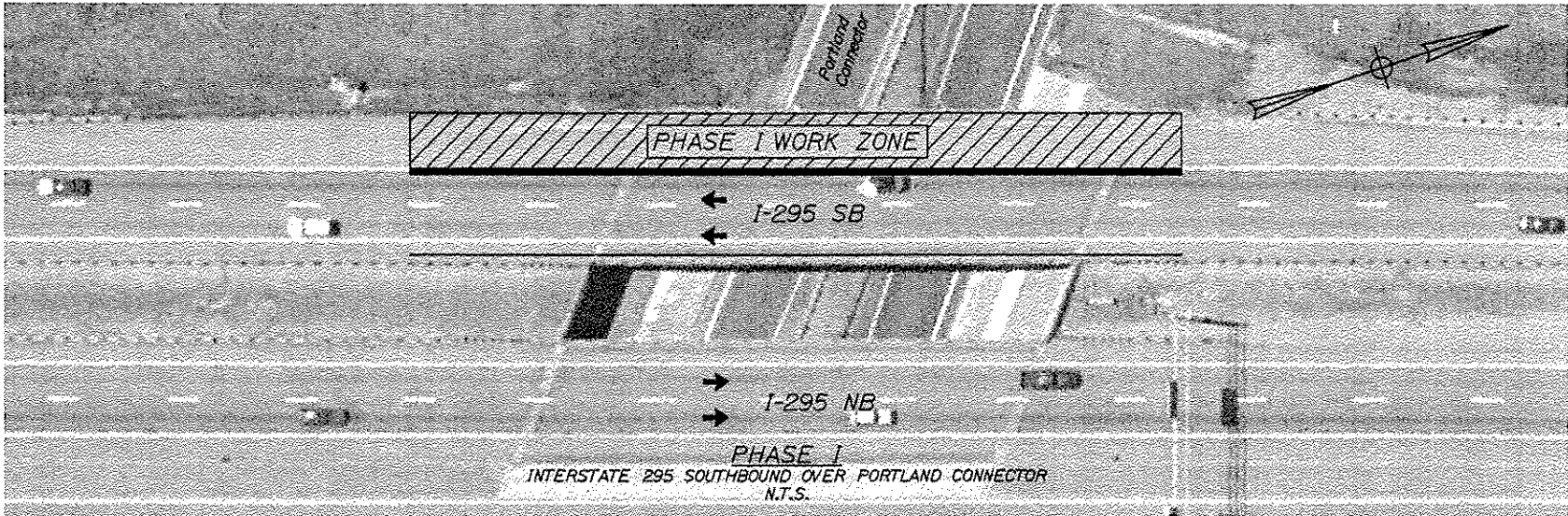
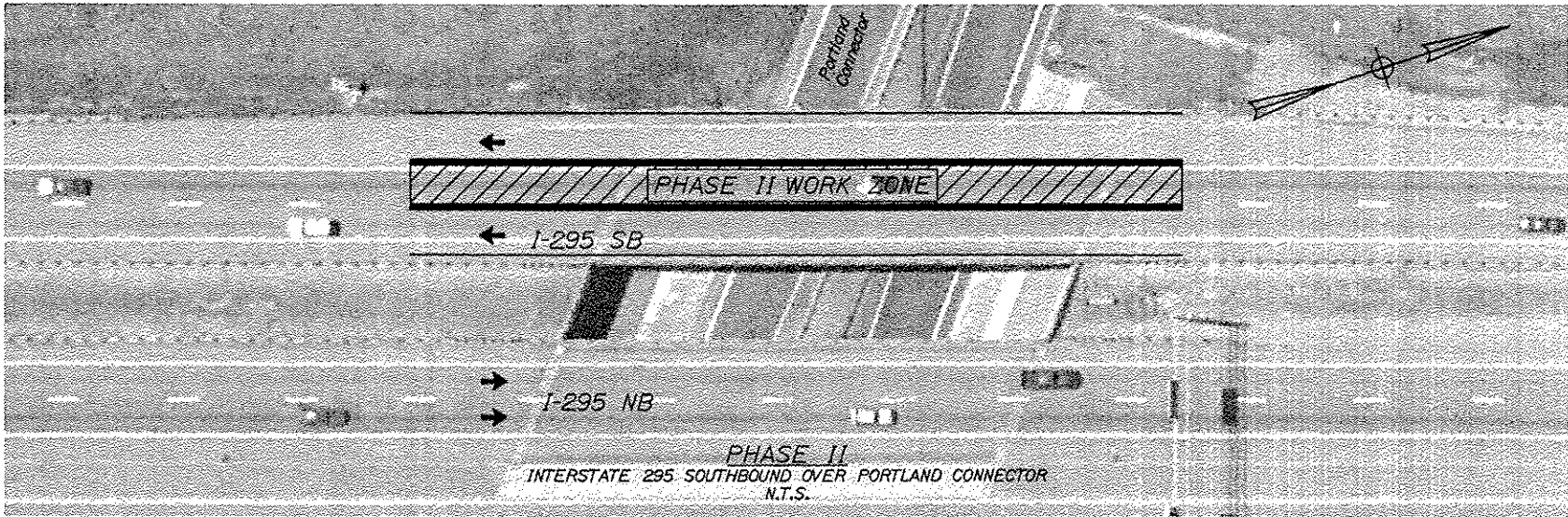
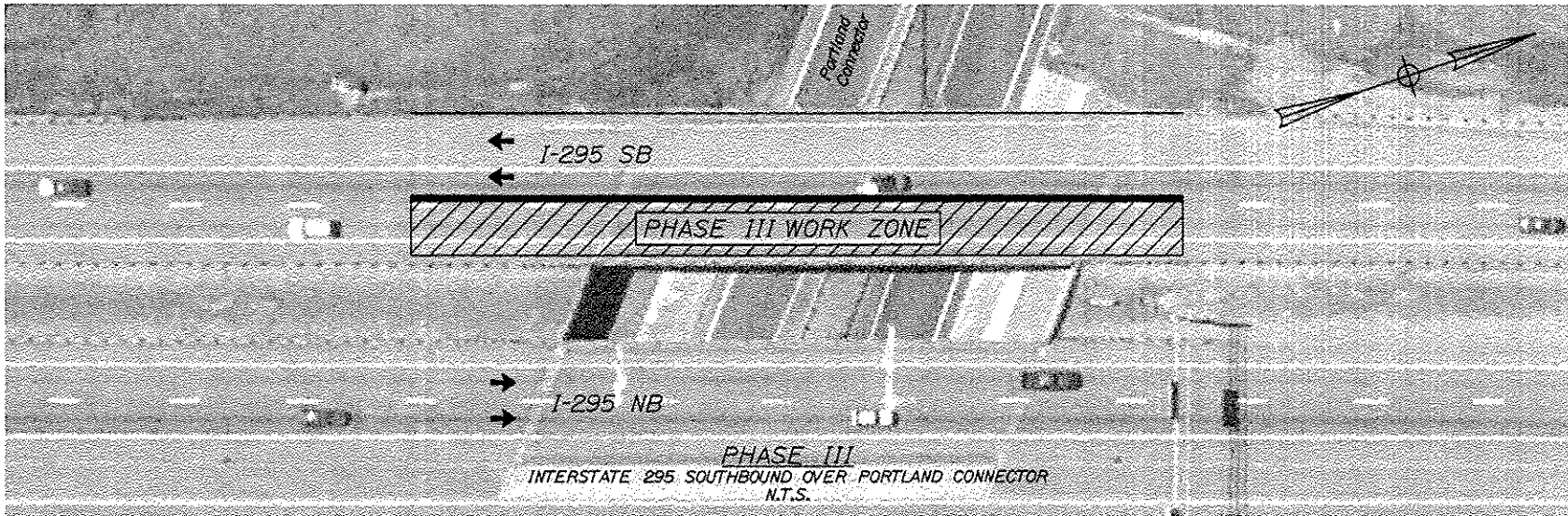
INTERSTATE 295 SOUTHBOUND
ST. JOHN ST. P.T.R.R. (ST. JOHN),
ST. JAMES ST. & CONGRESS ST./PARK AVE.
PORTLAND
CUMBERLAND COUNTY
**CONSTRUCTION PHASING
TYPICAL SECTION**

SHEET NUMBER

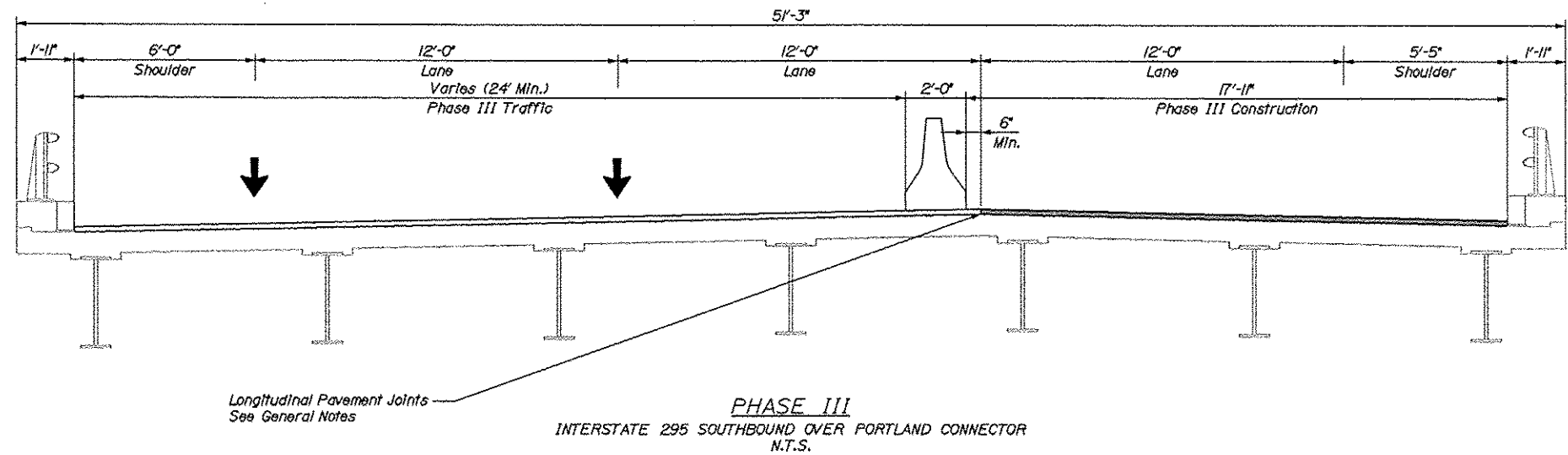
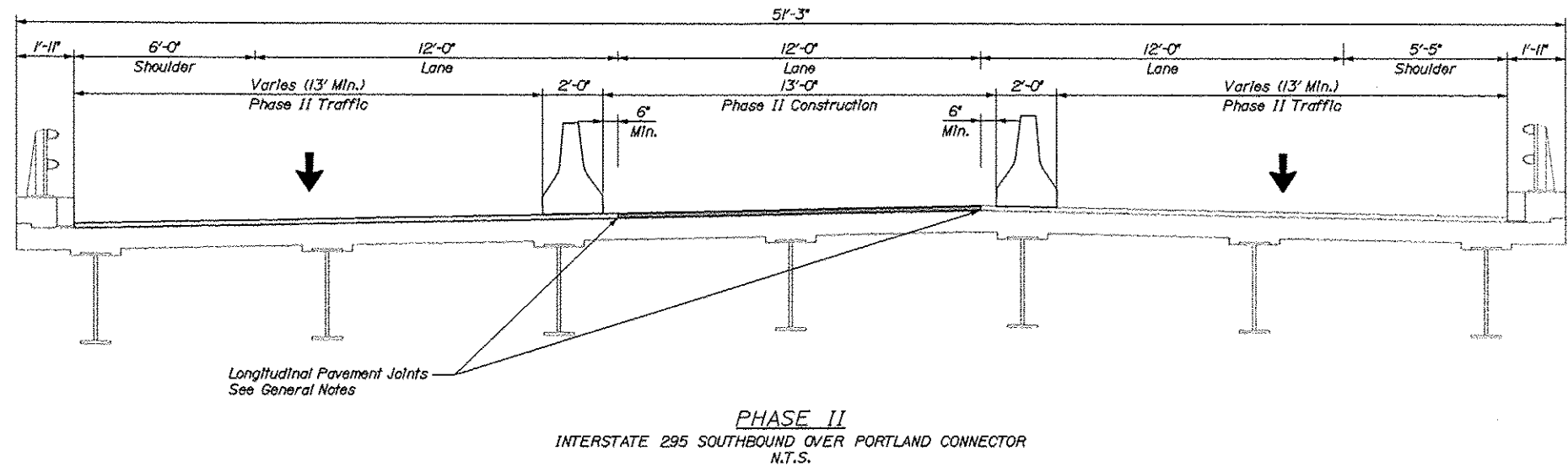
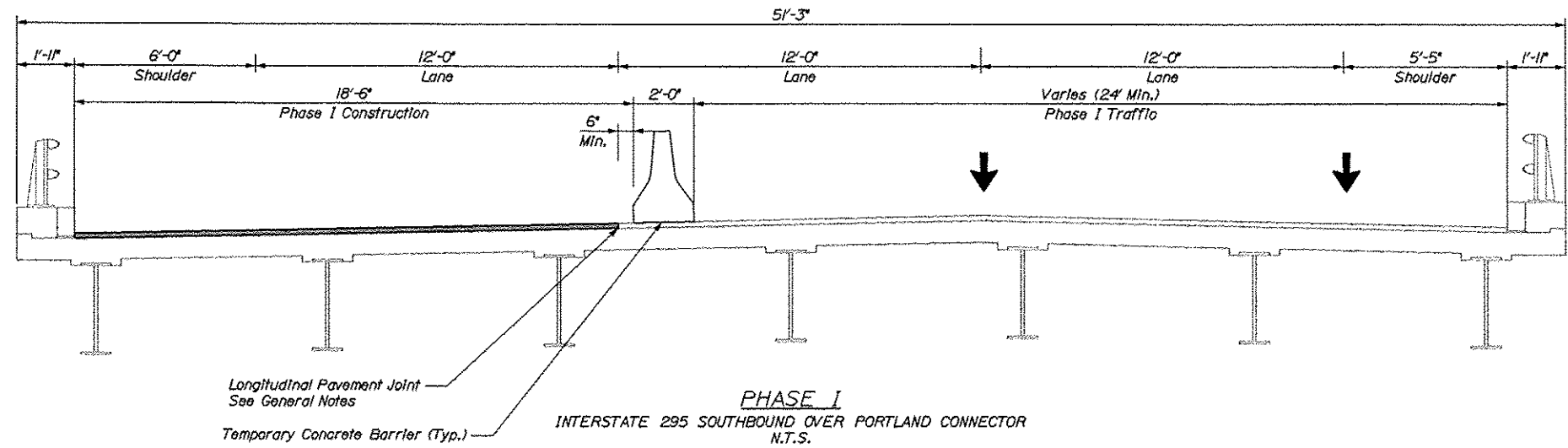
44

OF 55

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



STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E		BRIDGE NO. 6292		PIN 17793.00		BRIDGE PLANS	
INTERSTATE 295 SOUTHBOUND PORTLAND CONNECTOR PORTLAND CUMBERLAND COUNTY		CONSTRUCTION PHASING PLAN		SHEET NUMBER 45 OF 55			
PROJ. MANAGER	DOE	BY	DATE	DESIGN-DETAILED	CAN	DATE	SIGNATURE
CHECKED-REVIEWED	DOE	RWH	Q1V0	CHECKED-REVIEWED	DOE	Q1V0	SIGNATURE
DESIGN-DETAILED	DOE			DESIGN-DETAILED	DOE		P.E. NUMBER
REVISIONS 1				REVISIONS 1			DATE
REVISIONS 2				REVISIONS 2			
REVISIONS 3				REVISIONS 3			
REVISIONS 4				REVISIONS 4			
FIELD CHANGES							



NOTE:
Sections are shown looking upstation.

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

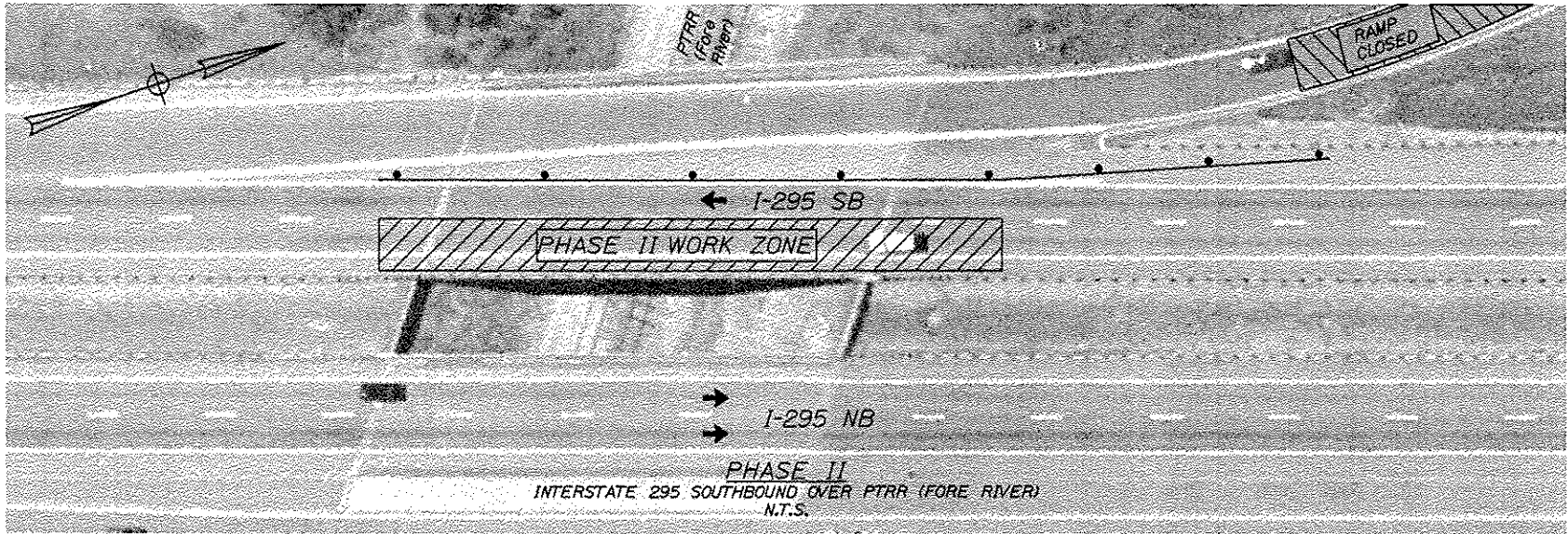
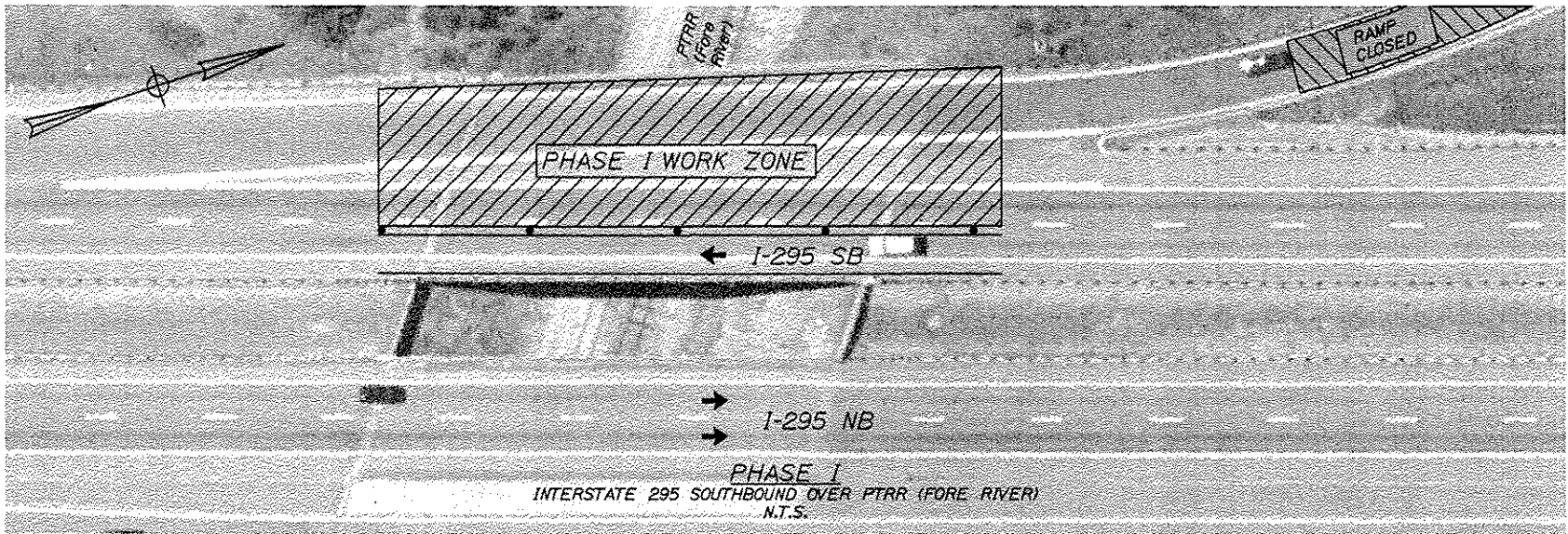
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REVISIONS				
REVISIONS				
FIELD CHANGES				

INTERSTATE 295 SOUTHBOUND
PORTLAND CONNECTOR
PORTLAND CUMBERLAND COUNTY
CONSTRUCTION PHASING
TYPICAL SECTION

SHEET NUMBER

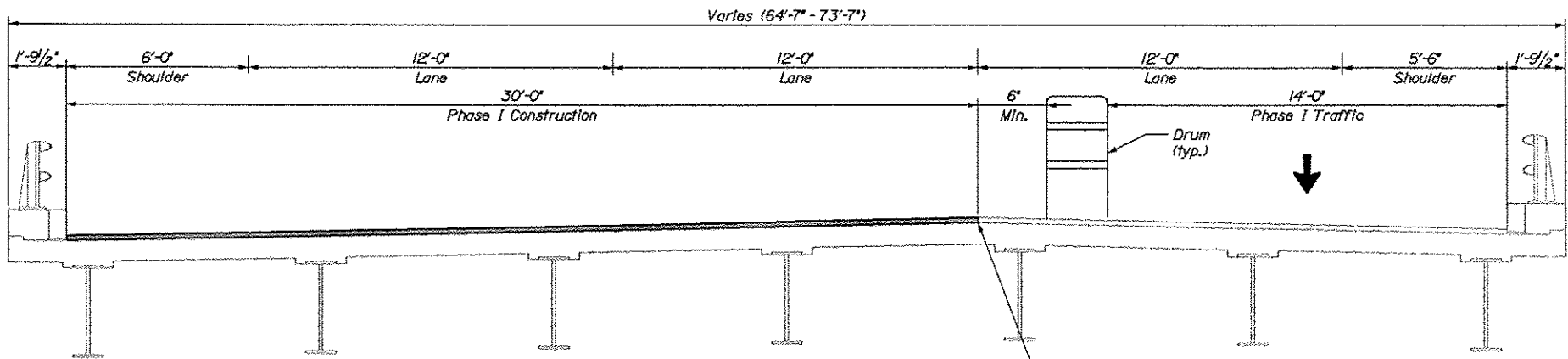
46

OF 55

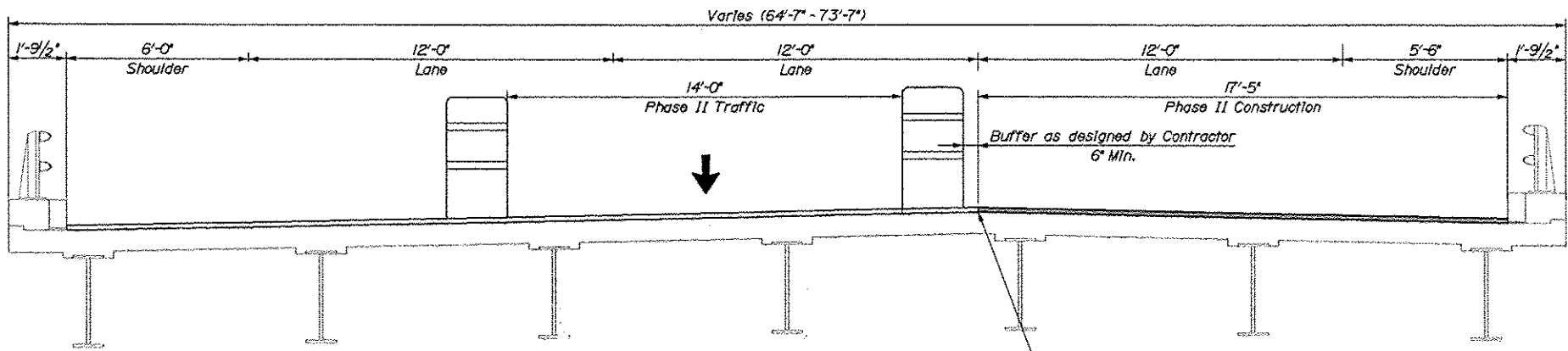


Phasing Note:
 1. The construction phasing shown reflects night work only. See the General Notes for additional information.

SHEET NUMBER										INTERSTATE 295 SOUTHBOUND										STATE OF MAINE									
47										PORTLAND										DEPARTMENT OF TRANSPORTATION									
OF 55										PTRR (FORE RIVER)										IM-1779(300)E									
										CUMBERLAND COUNTY																			
										CONSTRUCTION PHASING																			
										PLAN																			
										PROJ. MANAGER										SIGNATURE									
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										FIELD CHANGES										DATE									
																				BRIDGE NO.									
																				6291									
																				PIN									
																				17793.00									
																				BRIDGE PLANS									



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



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

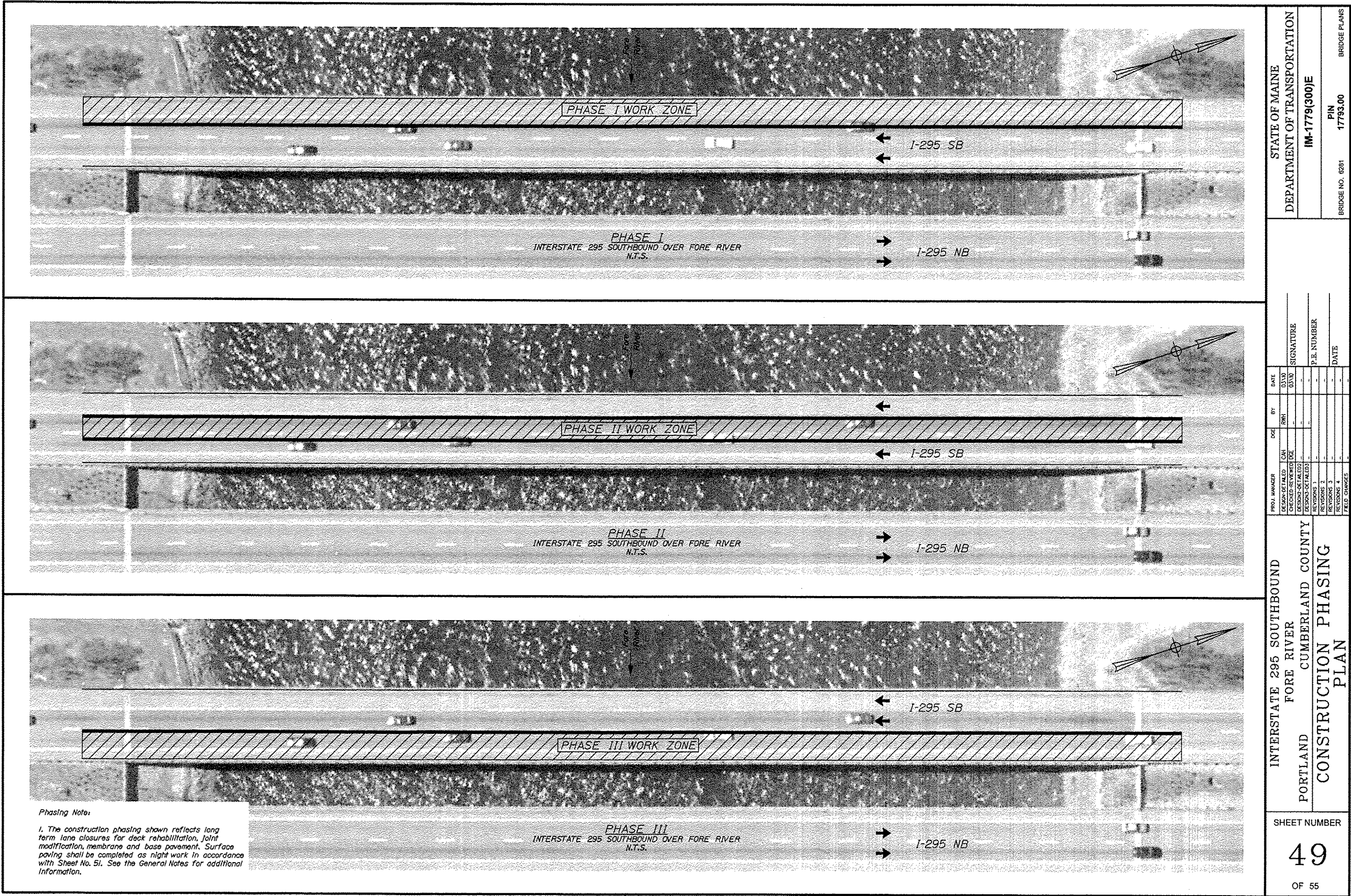
NOTE:
Sections are shown looking upstation.

STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
BRIDGE NO. 6291	PIN 17793.00
	BRIDGE PLANS

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

INTERSTATE 295 SOUTHBOUND	
PTRR (FORE RIVER)	
PORTLAND CUMBERLAND COUNTY	
CONSTRUCTION PHASING	
TYPICAL SECTION	

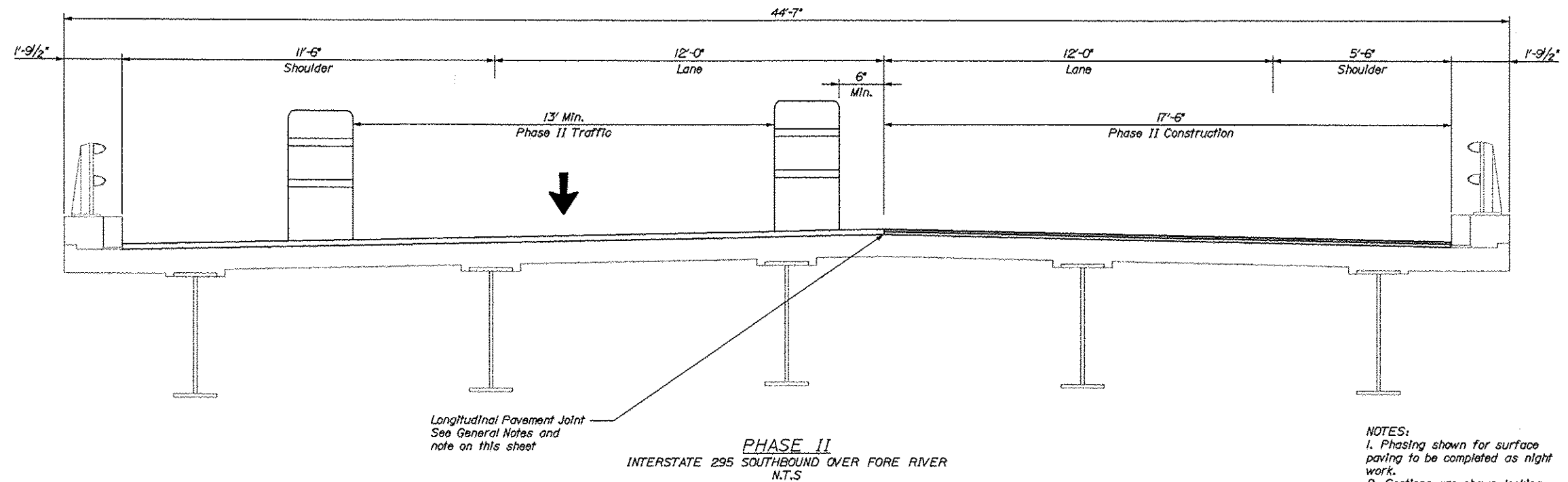
SHEET NUMBER
48
OF 55



NOTES:

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

SHEET NUMBER 50 OF 55	INTERSTATE 295 SOUTHBOUND FORE RIVER PORTLAND CUMBERLAND COUNTY CONSTRUCTION PHASING TYPICAL SECTION										STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E BRIDGE NO. 6281 PIN 17793.00 BRIDGE PLANS			
	PROJ. MANAGER		DOSE		BY		DATE							
	DESIGN DETAIL		CAM		RWH		03/10							
	CHECKED-REVIEWER		DOSE				03/10		SIGNATURE					
	DESIGN DETAIL		DET2											
	REVISED		1						P.E. NUMBER					
	REVISED		2											
	REVISED		3											
	REVISED		4						DATE					
	FIELD CHANGES													



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

STATE OF MAINE DEPARTMENT OF TRANSPORTATION	BRIDGE NO. 6281	PIN 17793.00	BRIDGE PLANS
IM-1779(300)E			

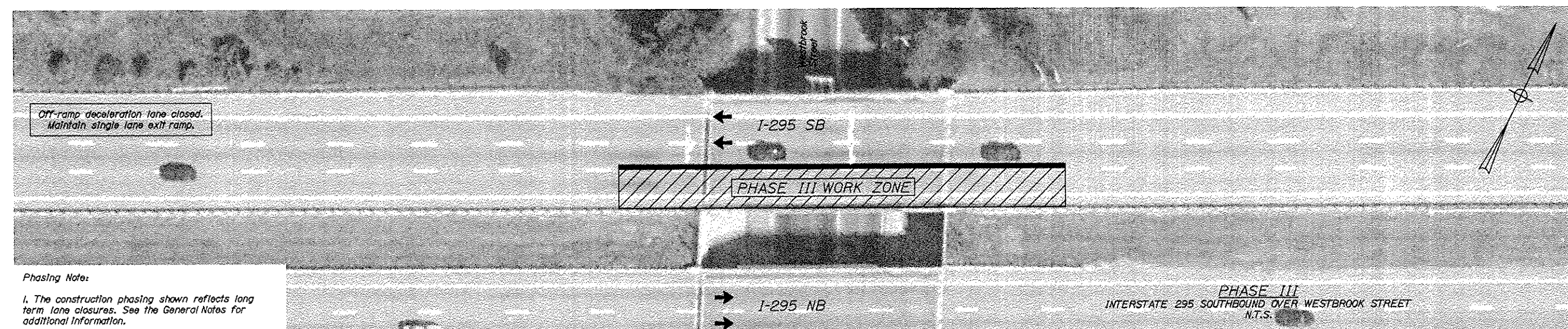
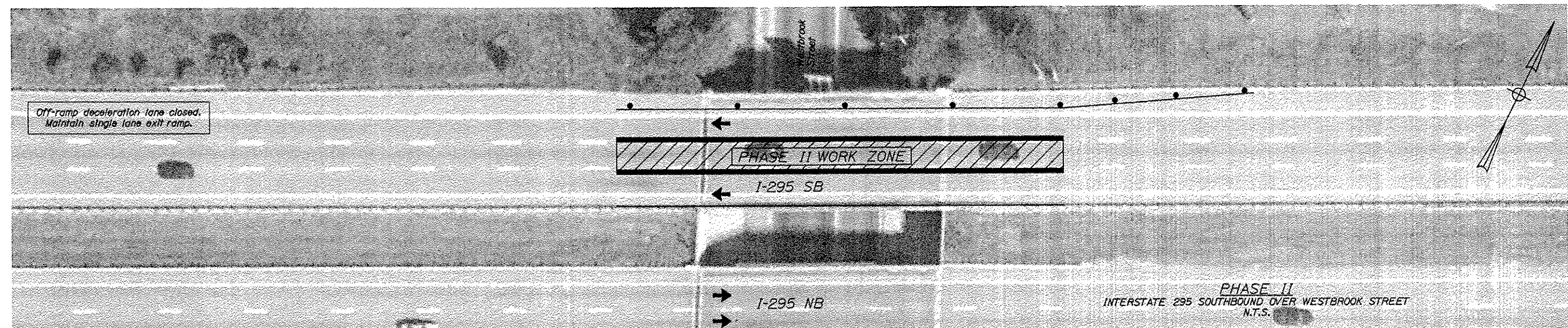
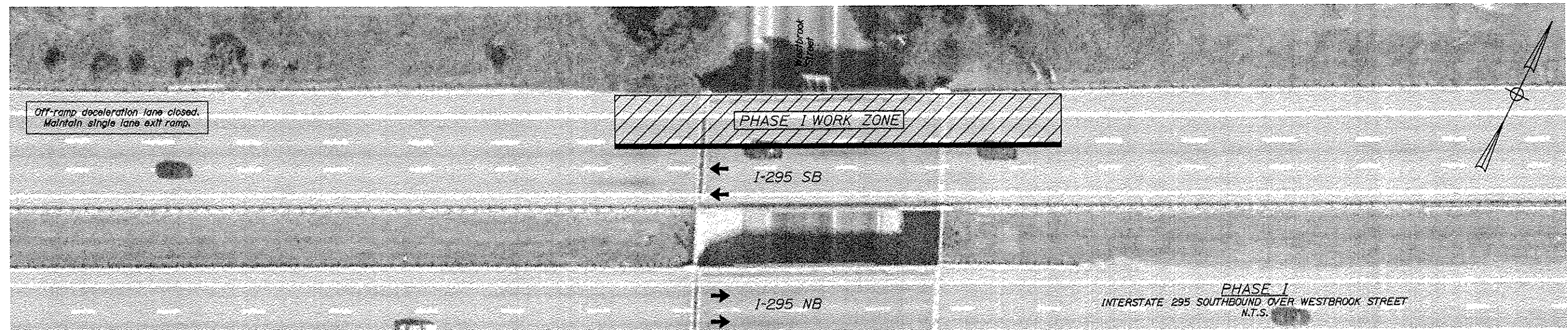
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DESIGNED-DETAIL	CAI	RWH	03/10	
DESIGNED-REVIEW	DOE	"	03/10	
DESIGNED-DETAIL02	"	"	"	
DESIGNED-DETAIL03	"	"	"	
REVISIONS 1	"	"	"	P.E. NUMBER
REVISIONS 2	"	"	"	
REVISIONS 3	"	"	"	
REVISIONS 4	"	"	"	
FIELD CHANGES	"	"	"	DATE

INTERSTATE 295 SOUTHBOUND
FORE RIVER
PORTLAND CUMBERLAND COUNTY
CONSTRUCTION PHASING
TYPICAL SECTION

SHEET NUMBER

51

OF 55



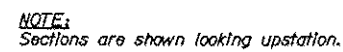
STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
BRIDGE NO. 6249	PIN 17793.00
BRIDGE PLANS	

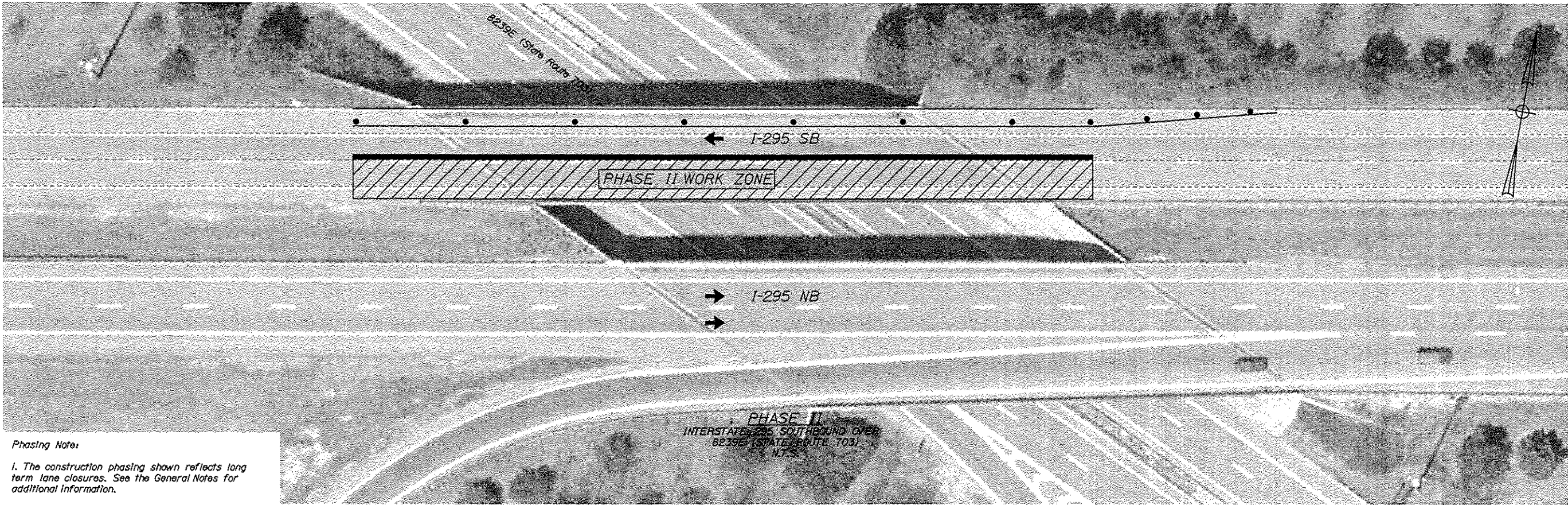
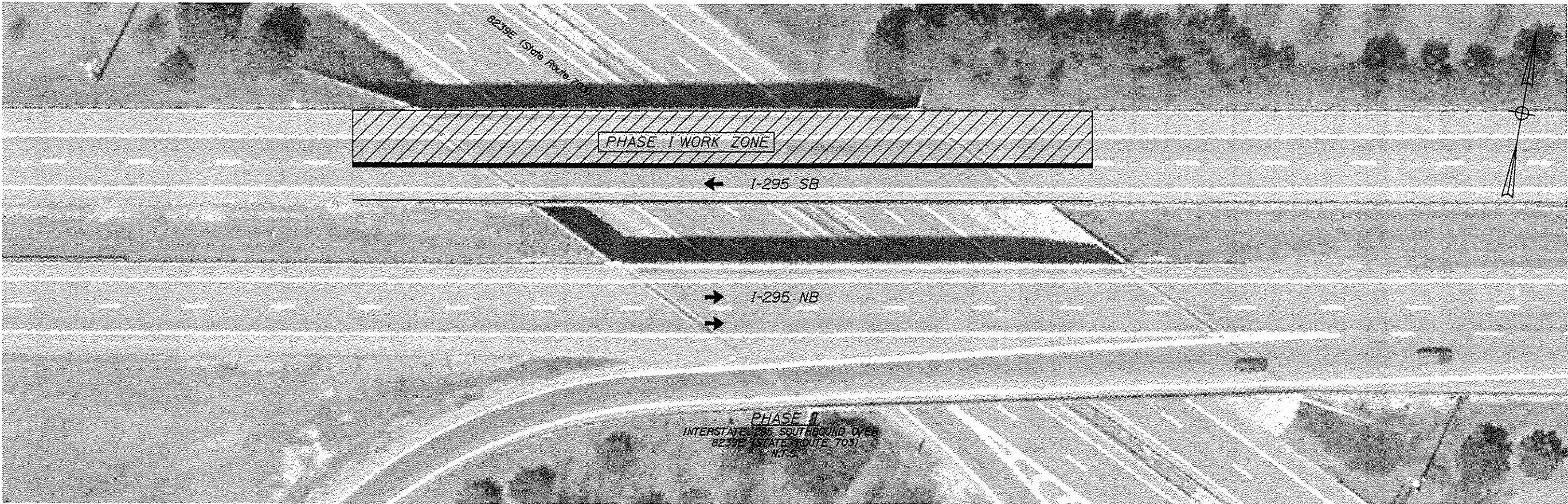
INTERSTATE 295 SOUTHBOUND				PROJ. MANAGER		DOE	BY	DATE
WESTBROOK STREET				DESIGN-DETAILED	GMH		RWH	03/10
PORTLAND				CHECKED-REVIEWED	DOE			03/10
CUMBERLAND COUNTY				DESIGN-REVIEWED	DOE			
CONSTRUCTION PHASING				DESIGN-DETAILED	DOE			
PLAN				REVISIONS 1				
				REVISIONS 2				
				REVISIONS 3				
				REVISIONS 4				
				FIELD CHANGES				
								DATE
								P.E. NUMBER
								SIGNATURE

SHEET NUMBER

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

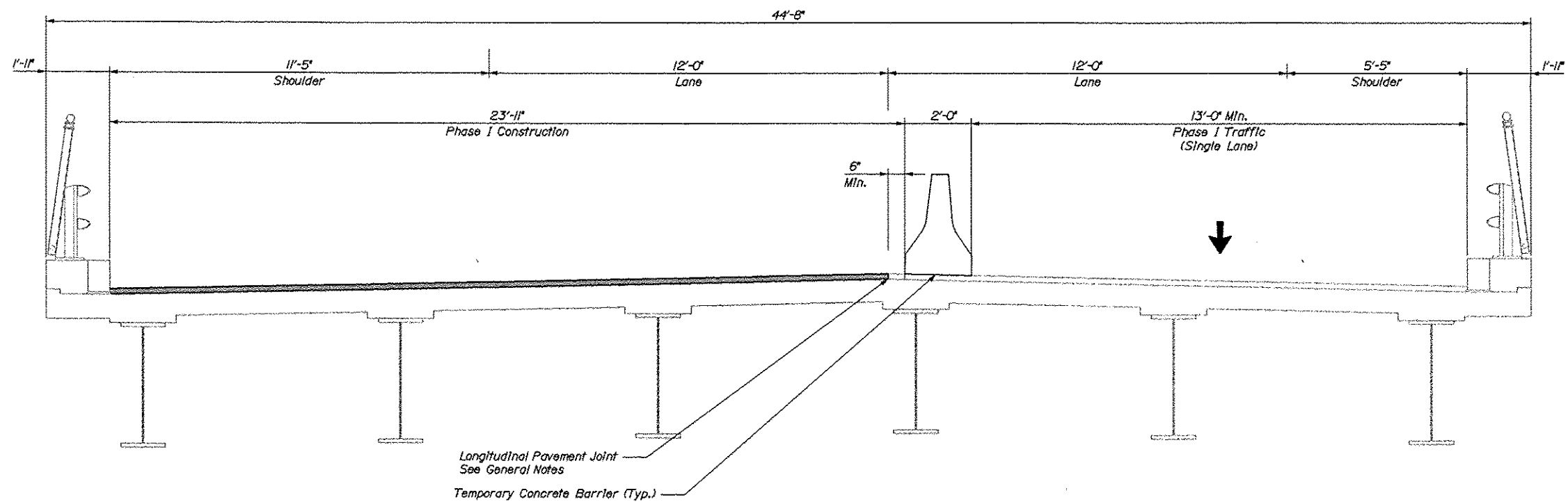
STATE OF MAINE	
DEPARTMENT OF TRANSPORTATION	
IM-1779(300)E	
BRIDGE NO. 1513	PIN 17793.00
BRIDGE PLANS	

DATE	BY	DOE	DATE
03/30	RNR		03/30
SIGNATURE		P.E. NUMBER	
		DATE	

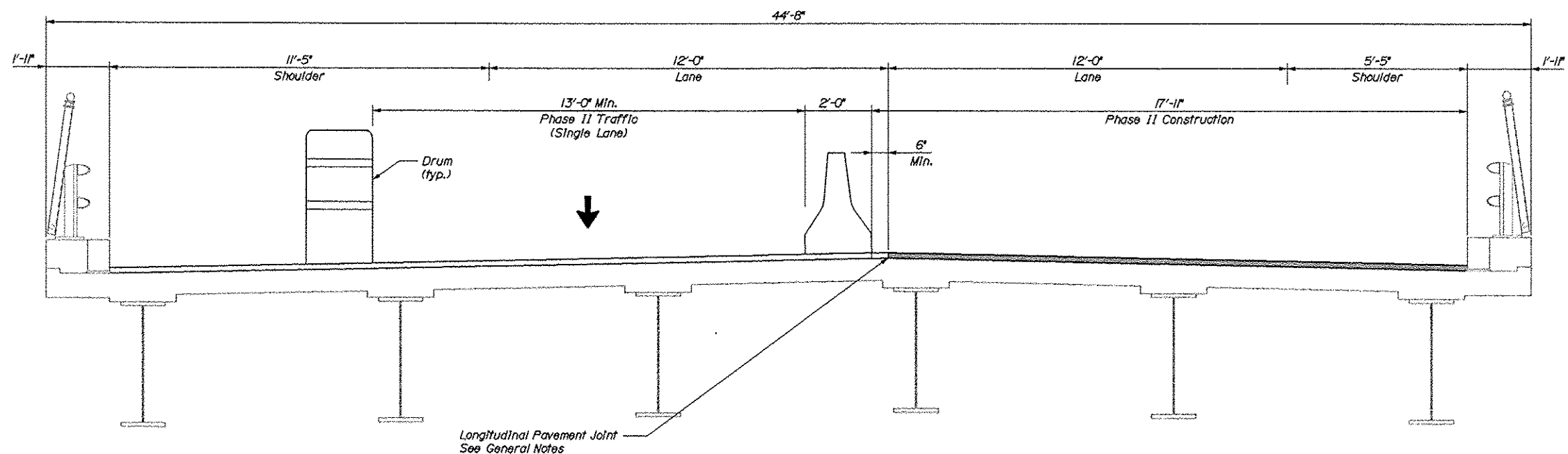
PROJ. MANAGER	DESIGN DETAIL	CN	DOE	DATE
	CHECKED-REVISED	DOE		03/30
	DESIGN DETAIL	DOE		
	REVISIONS 1			
	REVISIONS 2			
	REVISIONS 3			
	REVISIONS 4			
	FIELD CHANGES			

INTERSTATE 295 SOUTHBOUND	
8239E (STATE ROUTE 703)	
PORTLAND CUMBERLAND COUNTY	
CONSTRUCTION PHASING PLAN	

SHEET NUMBER
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PHASE I
INTERSTATE 295 SOUTHBOUND OVER 8239E (STATE ROUTE 703)
N.T.S.



PHASE II
INTERSTATE 295 SOUTHBOUND OVER 8239E (STATE ROUTE 703)
N.T.S.

NOTE:
Sections are shown looking upstation.

STATE OF MAINE
DEPARTMENT OF TRANSPORTATION
IM-1779(300)E
BRIDGE NO. 1513
PIN 17793.00
BRIDGE PLANS

PROJ. MANAGER	DESIGN-DETAILED	CHECKED-REVIEWED	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
	CAI	DOE	03/10	RWH	03/10			
	DESIGN-DETAILED2	DOE						
	DESIGN-DETAILED3							
	REVISIONS 1							
	REVISIONS 2							
	REVISIONS 3							
	REVISIONS 4							
	FIELD CHANGES							

INTERSTATE 295 SOUTHBOUND
8239E (STATE ROUTE 703)
PORTLAND CUMBERLAND COUNTY
CONSTRUCTION PHASING
TYPICAL SECTION

SHEET NUMBER

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