

The Seal of the State of Maine is centered at the bottom of the page. It features a shield with a moose standing on a rocky shore, with a pine tree behind it. Above the shield is a crest with a star and a banner. The word "MAINE" is written on a ribbon at the bottom of the shield.

IM-1779(300)E

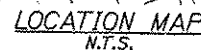
BACK COVE (TUKEY'S BRIDGE) AND PREBLE STREET BRIDGE

LIST OF DRAWINGS

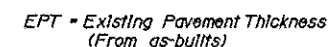
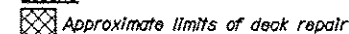
Notes:

1. See sheet 3 of 55 for General Notes.
2. Contractor shall note Appendix A adds the following two work zones for bridge work construction phasing:
 1. I-295 over Back Cove (Tukey's Bridge)
 - m. I-295 over Preble Street

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.



SHEET NUMBER		INTERSTATE 295 SOUTHBOUND FALMOUTH TO S.PORTLAND CUMBERLAND COUNTY		PROJ. NO. _____ DESIG-Detailed _____ CHECKED-REVIEWED _____ DESIG-Detailed _____ DESIG-Detailed _____ REVISIONS 1 _____ REVISIONS 2 _____ REVISIONS 3 _____ REVISIONS 4 _____ FIELD CHANGES _____		DATE _____ BY _____ DATE _____ SIGNATURE _____ P.E. NUMBER _____ DATE _____		STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E BRIDGE NO. <i>Varies</i> PIN 17793.00 BRIDGE PLANS	
1									
OF 11									



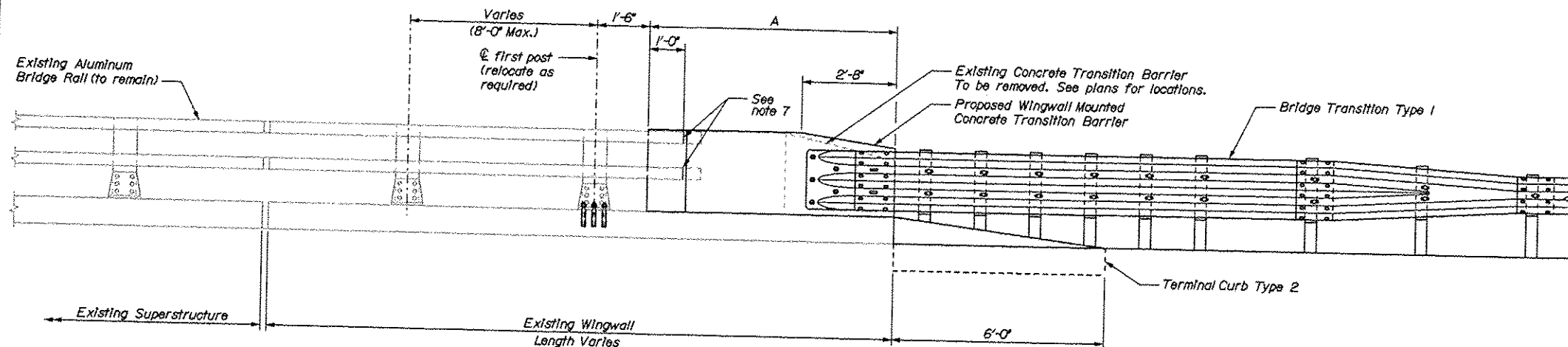
OF 11

Date: 4/9/2010

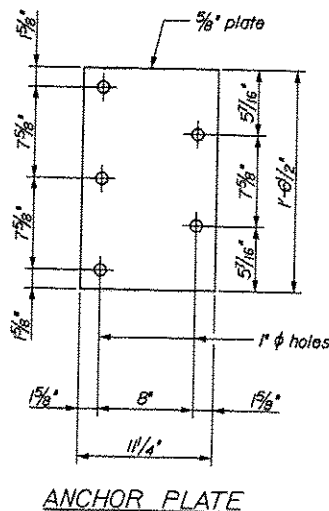
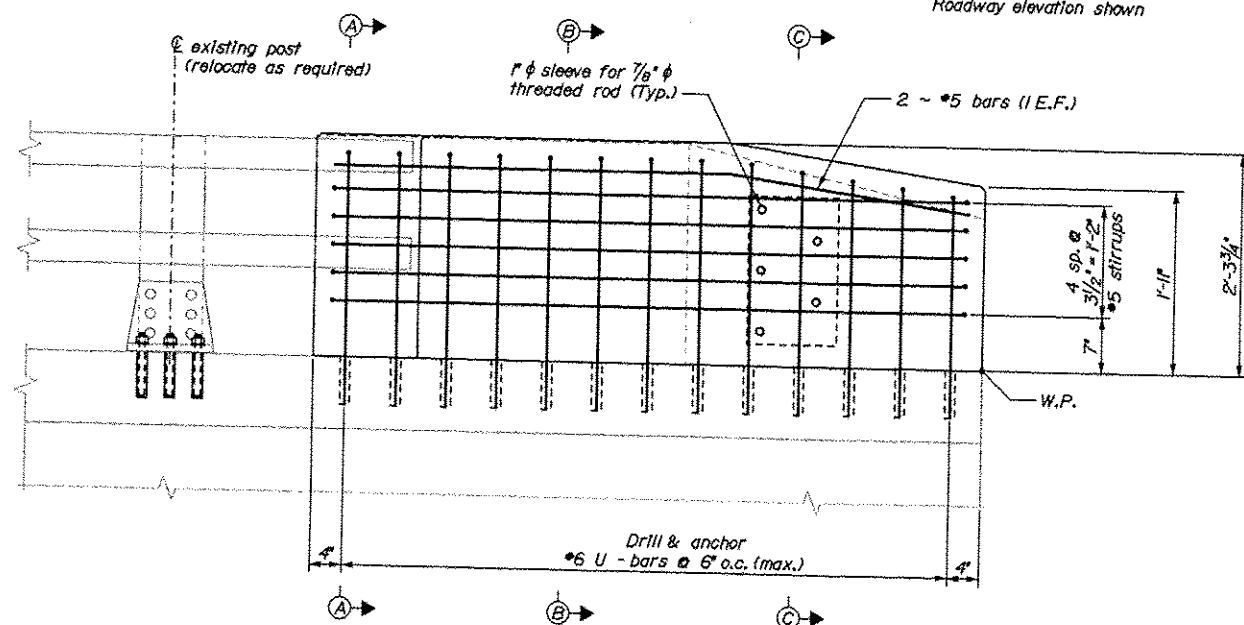
Username: moudiff

Division: BRIDGE

Filename: 005_TransitionBarrier1.dgn

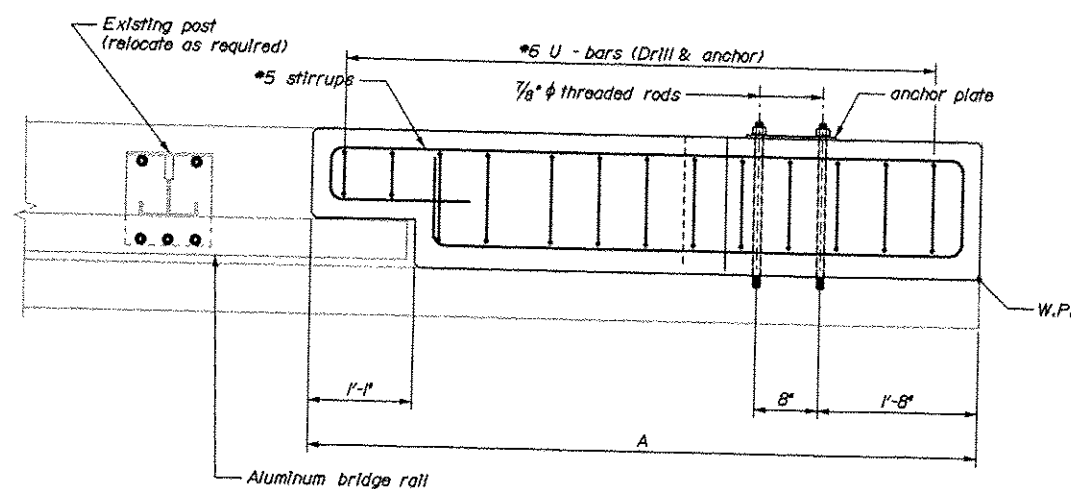


CONCRETE TRANSITION BARRIER (TYPE I)
Roadway elevation shown

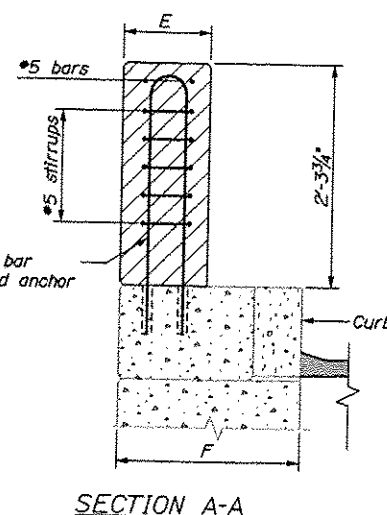


ANCHOR PLATE

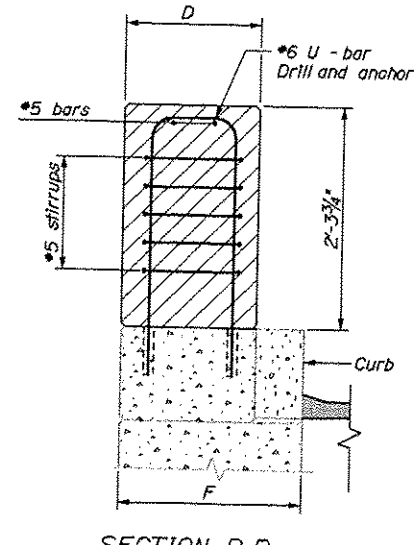
TRANSITION BARRIER ELEVATION
Roadway elevation shown



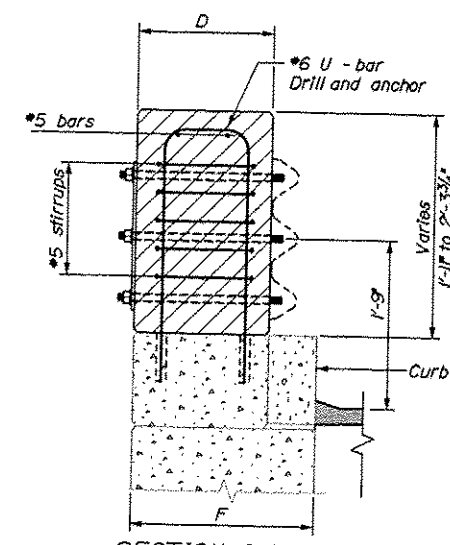
TRANSITION BARRIER PLAN



SECTION A-A



SECTION B-B



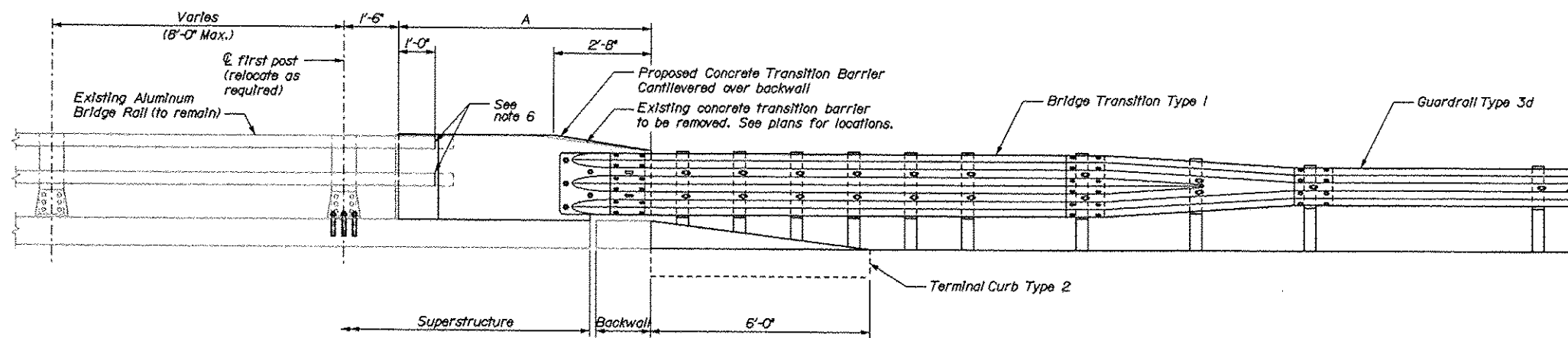
SECTION C-C

CONCRETE TRANSITION BARRIER NOTES

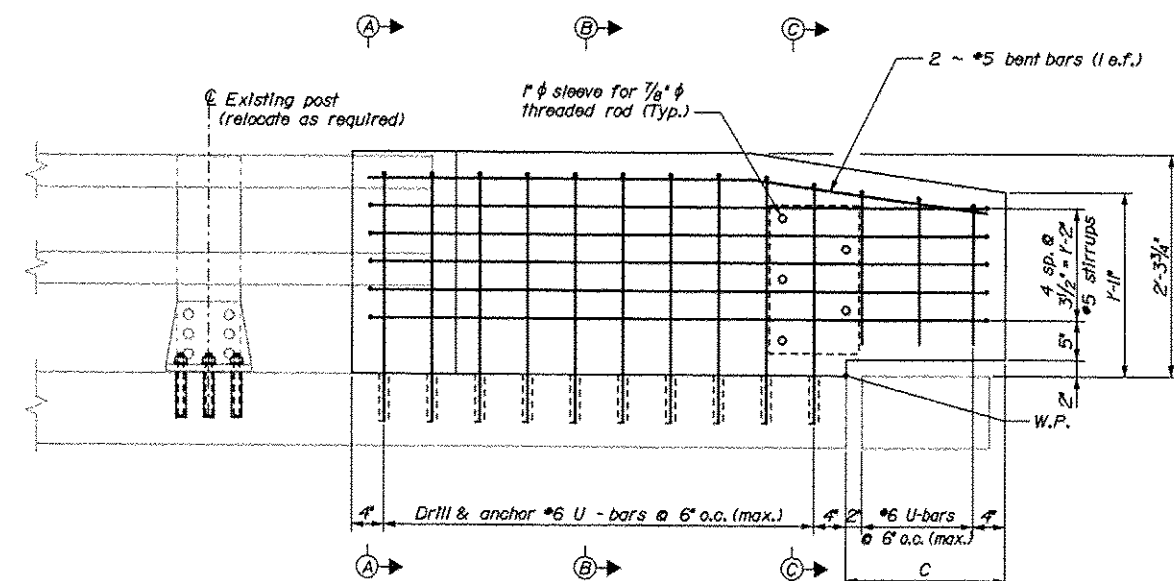
1. Refer to Standard Details Section 526 - Concrete Transition Barrier for details and information not shown.
2. Reinforcing steel for the Transition Barriers is based on details shown in the Standard Details. Reinforcing steel shall be modified to fit the details and conditions shown on the plans. Payment 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 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
6299	Preble Street	Approach Travel Lane	6'-9"	1'-3 1/2"	10 1/2"	1'-9 1/2"
6299	Preble Street	Departure Travel Lane	6'-1"	1'-3 1/2"	10 1/2"	1'-9 1/2"

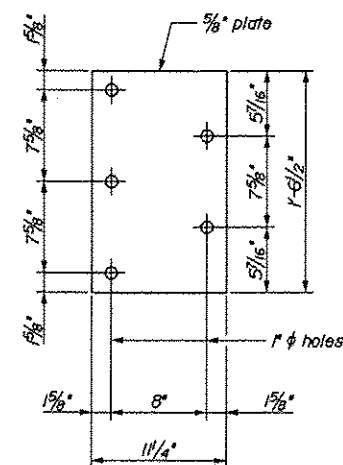
STATE OF MAINE DEPARTMENT OF TRANSPORTATION IM-1779(300)E	BRIDGE NO. As Noted PIN 17793.00	BRIDGE PLANS
INTERSTATE 295 SOUTHBOUND FALMOUTH TO S. PORTLAND CUMBERLAND COUNTY CONCRETE TRANSITION BARRIER (TYPE 1)	SHEET NUMBER 5 OF 11	APPENDIX A



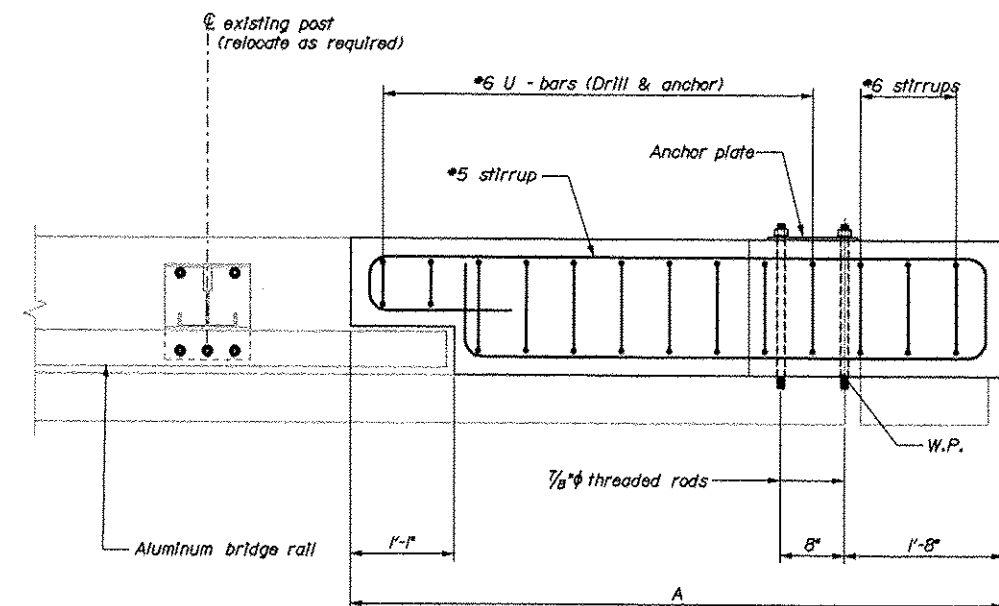
CONCRETE TRANSITION BARRIER (TYPE 3A)
Roadway elevation shown



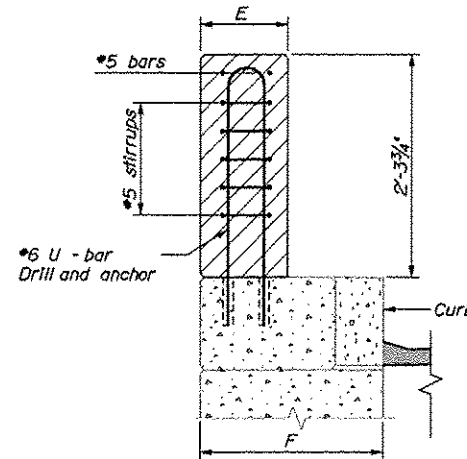
TRANSITION BARRIER ELEVATION
Roadway elevation shown



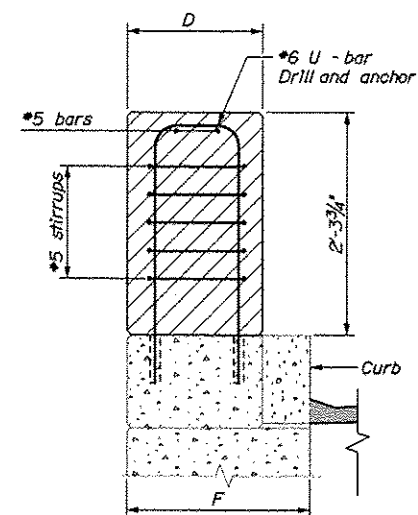
ANCHOR PLATE



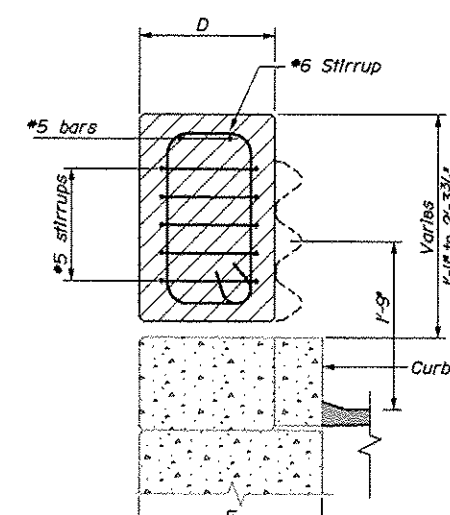
TRANSITION BARRIER PLAN



SECTION A-A



SECTION B-B



SECTION C-C

CONCRETE TRANSITION BARRIER NOTES

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

Bridge #	Bridge	Location	A	C	D	E	F
6299	Preble Street	Departure Passing Lane	6'-4"	1'-10"	1'-3 1/2"	10 1/2"	1'-9 1/2"

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

PROJ. MANAGER	DATE	BY	DATE	SIGNATURE	P.E. NUMBER	DATE
DESIGNED: TAC	04/10	RM	04/10			
CHECKED: REVISED: TAC						
DESIGNED: TAC						
DESIGNED: TAC						
REVISIONS: 1						
REVISIONS: 2						
REVISIONS: 3						
REVISIONS: 4						
FIELD CHANGES						

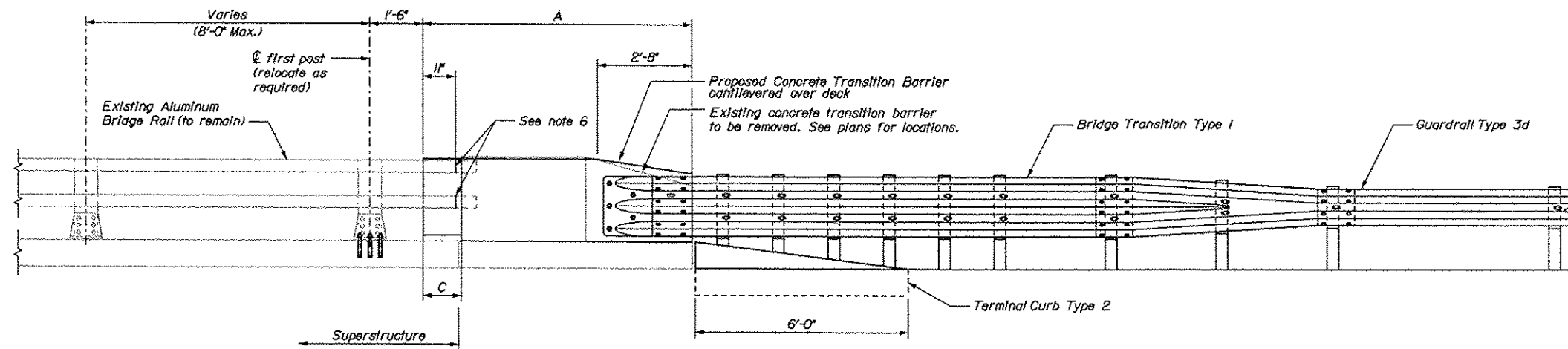
INTERSTATE 295 SOUTHBOUND FALMOUTH TO SPOUTLAND CUMBERLAND COUNTY	CONCRETE TRANSITION BARRIER (TYPE 3A)
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SHEET NUMBER

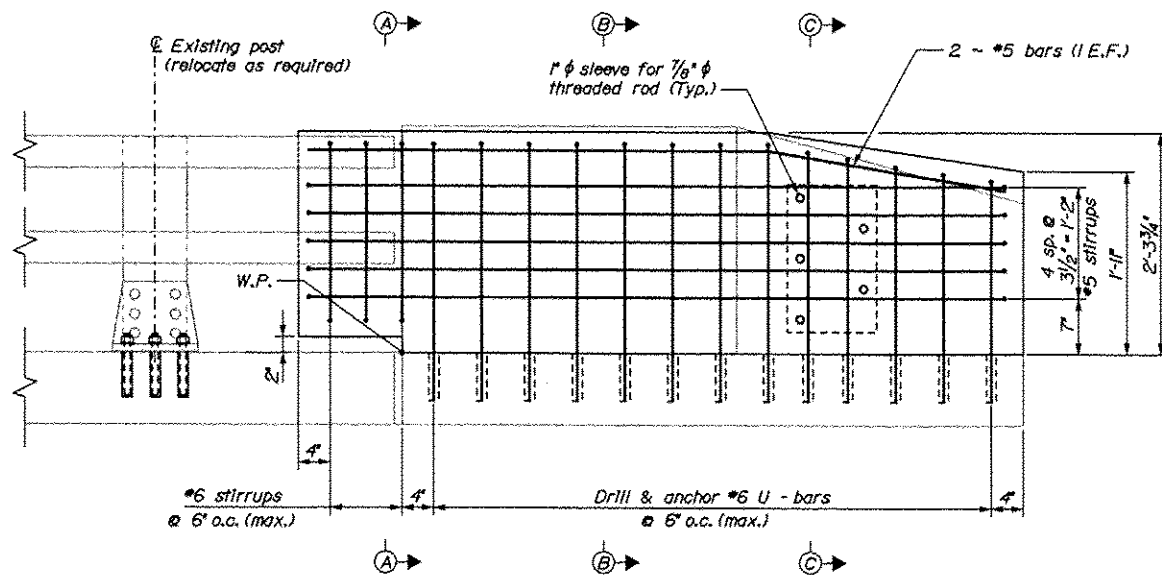
6

OF 11

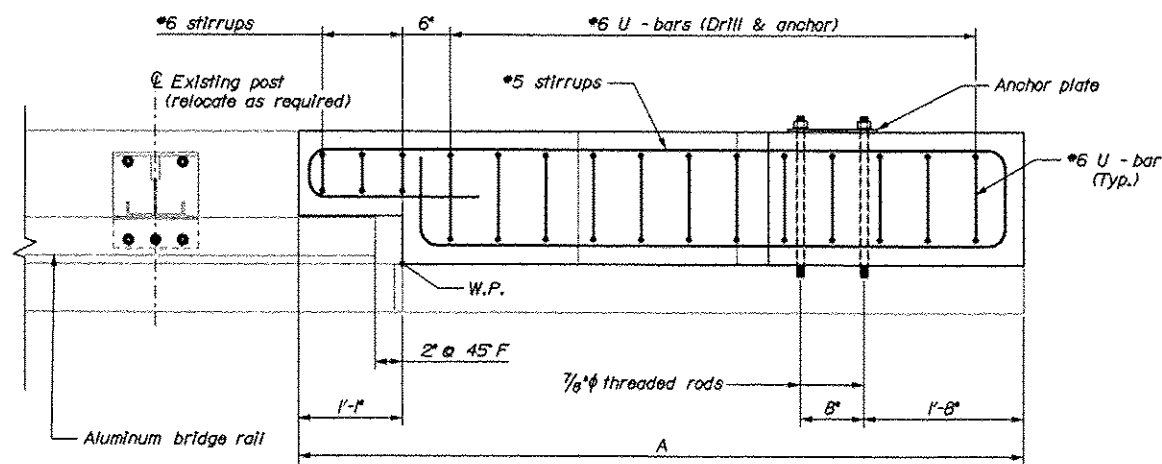
APPENDIX A



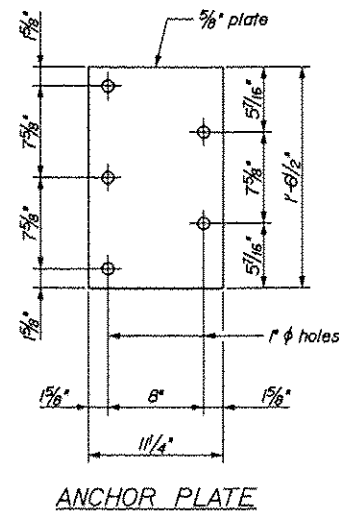
CONCRETE TRANSITION BARRIER (TYPE 4)
Roadway elevation shown



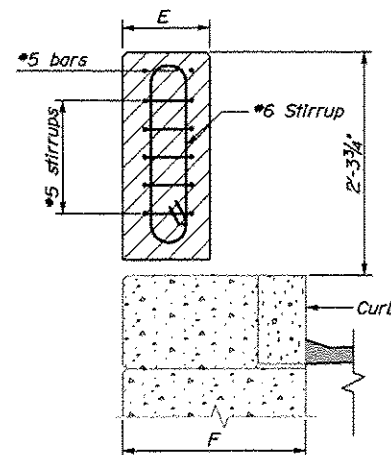
TRANSITION BARRIER ELEVATION
Roadway elevation shown



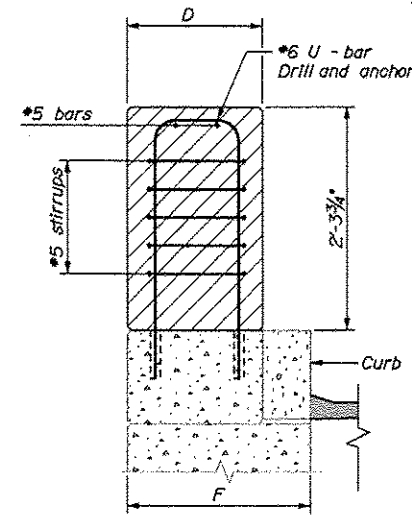
TRANSITION BARRIER PLAN



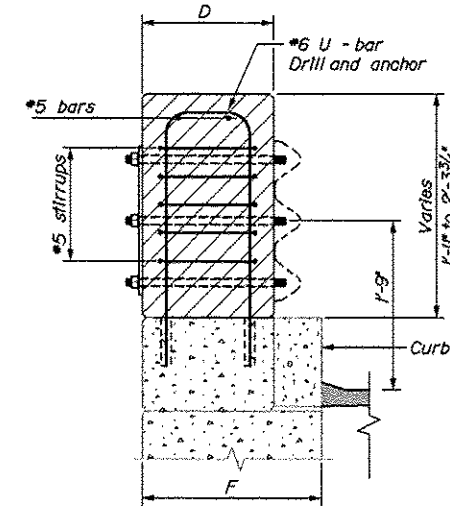
ANCHOR PLATE



SECTION A-A



SECTION B-B



SECTION C-C

CONCRETE TRANSITION BARRIER NOTES

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

2. Reinforcing steel for the Transition Barriers is based on details shown in the Standard Details. Reinforcing steel shall be modified to fit the details and conditions shown on the plans. Payment for modifying reinforcing steel and for drilling and anchoring bars as shown will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.

3. Anchor plates and threaded rods shall be galvanized in accordance with the Standard Specifications and the Standard Details.

4. The bridge rail post bolt anchorage system shall be from MaineDOT's Qualified Products List or an approved equal. The Contractor shall submit the proposed system to the Resident for review prior to use. The bolt anchorages shall be installed in strict accordance with the selected manufacturer's recommendations. The anchor bolts shall have an ultimate tension capacity of 30 kips. Payment for bridge rail post relocation and associated materials, equipment, labor and incidentals necessary to complete the work will be considered incidental to Item No. 526.34, Permanent Concrete Transition Barrier.

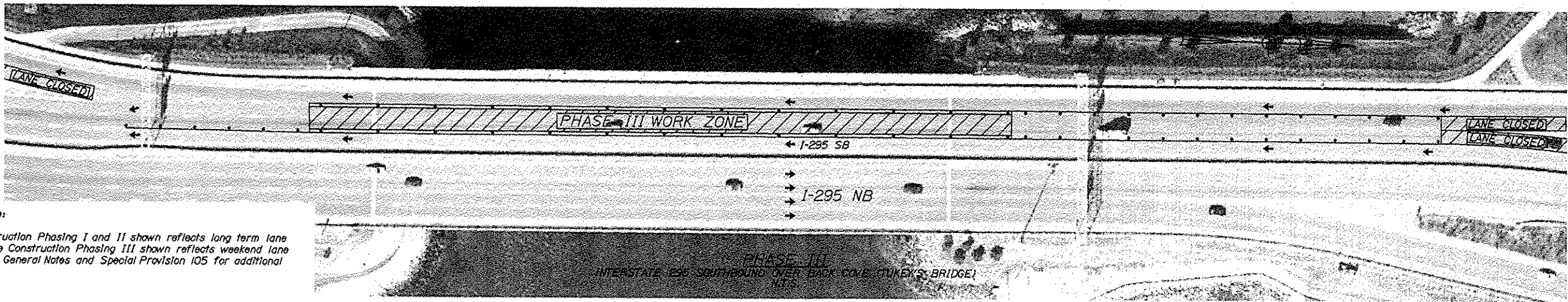
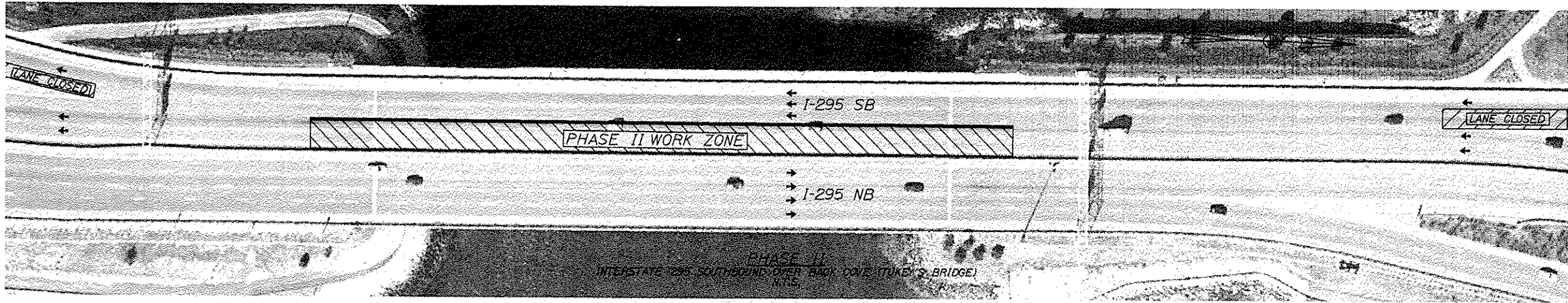
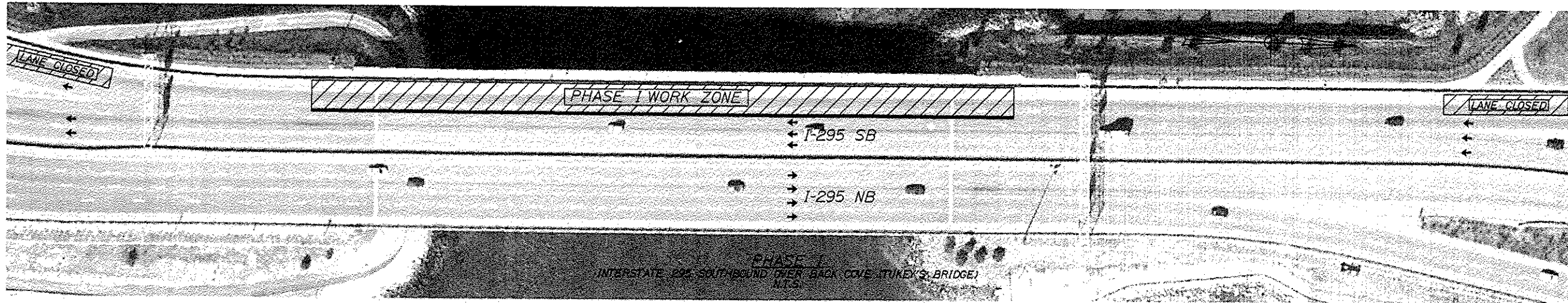
5. The contractor shall locate existing curb reinforcing steel and conduit and adjust dowel and bridge rail post anchor stud locations to avoid cutting existing bars. Any adjustments from plan dimensions shall be approved by the Resident.

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

Bridge #	Bridge	Location	A	C	D	E	F
6299	Preble Street	Approach Passing Lane	6'-10"	1'-10 1/2"	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 SPORLAND		CUMBERLAND COUNTY		CONCRETE TRANSITION BARRIER (TYPE 4)		SHEET NUMBER		7		OF 11	
PROJ. MANAGER		DATE		BY		DOE		SIGNATURE		P.E. NUMBER		DATE	
DESIGN-DETAILED		04/10		RMH		-		-		-		-	
CHECKED-REVIEWED		04/10		TRC		-		-		-		-	
DESIGN-DETAILED		-		-		-		-		-		-	
REVISIONS 1		-		-		-		-		-		-	
REVISIONS 2		-		-		-		-		-		-	
REVISIONS 3		-		-		-		-		-		-	
REVISIONS 4		-		-		-		-		-		-	
FIELD CHANGES		-		-		-		-		-		-	

APPENDIX A

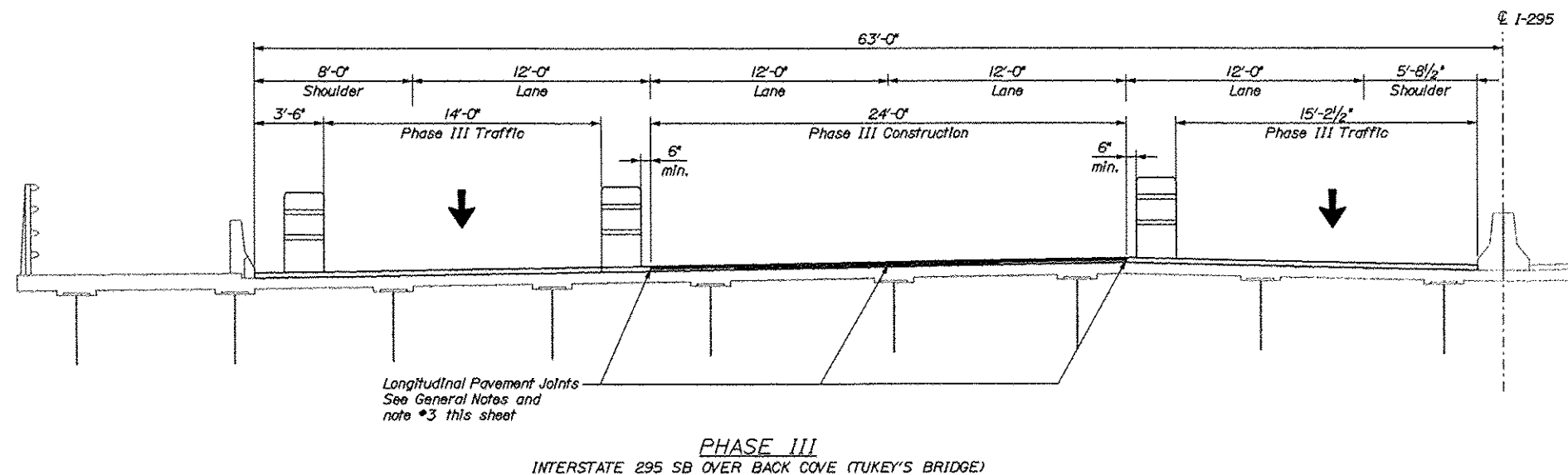
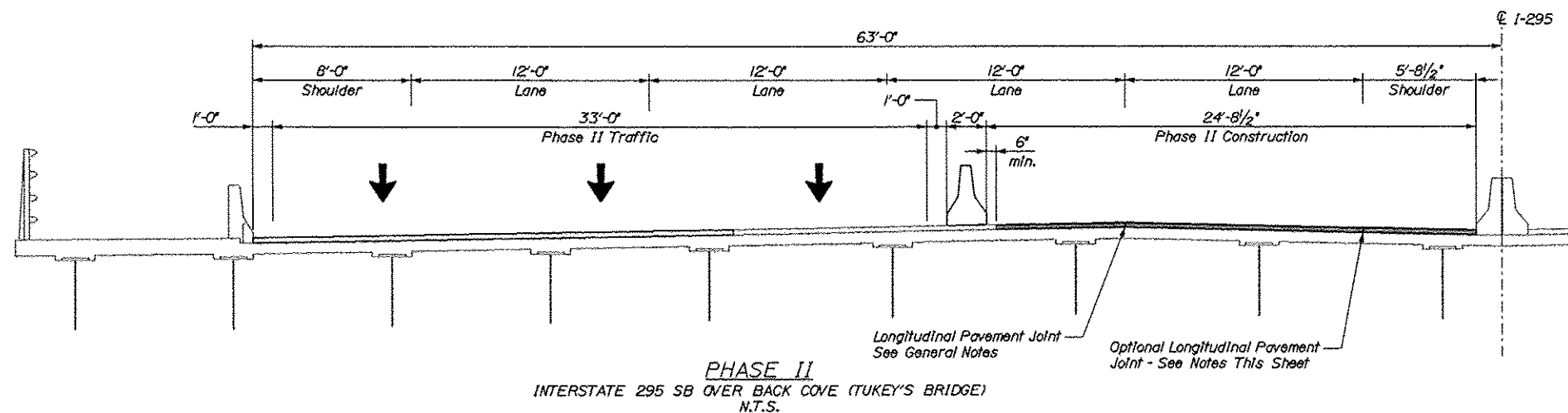
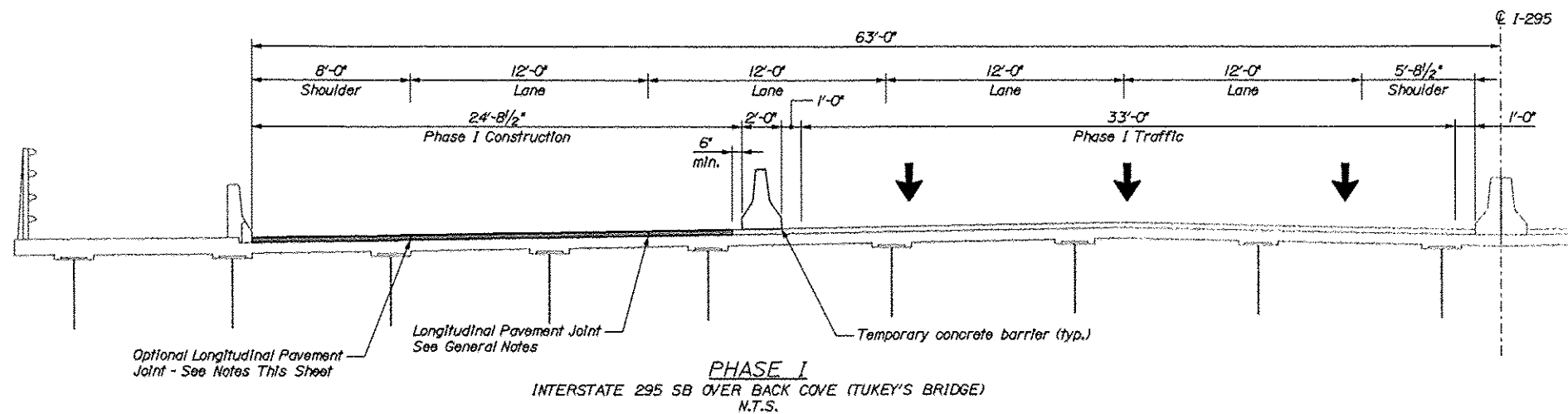


Phasing Note:

1. The Construction Phasing I and II shown reflects long term lane closures. The Construction Phasing III shown reflects weekend lane closure. See General Notes and Special Provision 105 for additional information.

APPENDIX A

STATE OF MAINE		DATE	
DEPARTMENT OF TRANSPORTATION		BY	
IM-1779(300)E		DATE	
BRIDGE NO. 3083		SIGNATURE	
PIN 17793.00		P.E. NUMBER	
BRIDGE PLANS		DATE	
INTERSTATE 295 SOUTHBOUND BACK COVE (TUEKEY'S BRIDGE) PORTLAND CUMBERLAND COUNTY		PROJ. MANAGER	
CONSTRUCTION PHASING PLAN		DESIGN-REVIEWED	
SHEET NUMBER		CHECKED-REVIEWED	
8		DESIGN DETAIL	
OF 11		REVISIONS	
		REVISIONS 1	
		REVISIONS 2	
		REVISIONS 3	
		REVISIONS 4	
		FIELD CHANGES	



NOTES:

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.

3. Phase III construction includes surface pavement milling (1 1/2" depth) of portions of pavement placed during Phase I & II construction. This will result in longitudinal pavement joints matching lane lines.

Longitudinal Pavement Joints
See General Notes and
note #3 this sheet

APPENDIX A

STATE OF MAINE	BRIDGE NO. 3088	PIN	17793.00	BRIDGE PLANS
DEPARTMENT OF TRANSPORTATION	IM-1779(300)E			

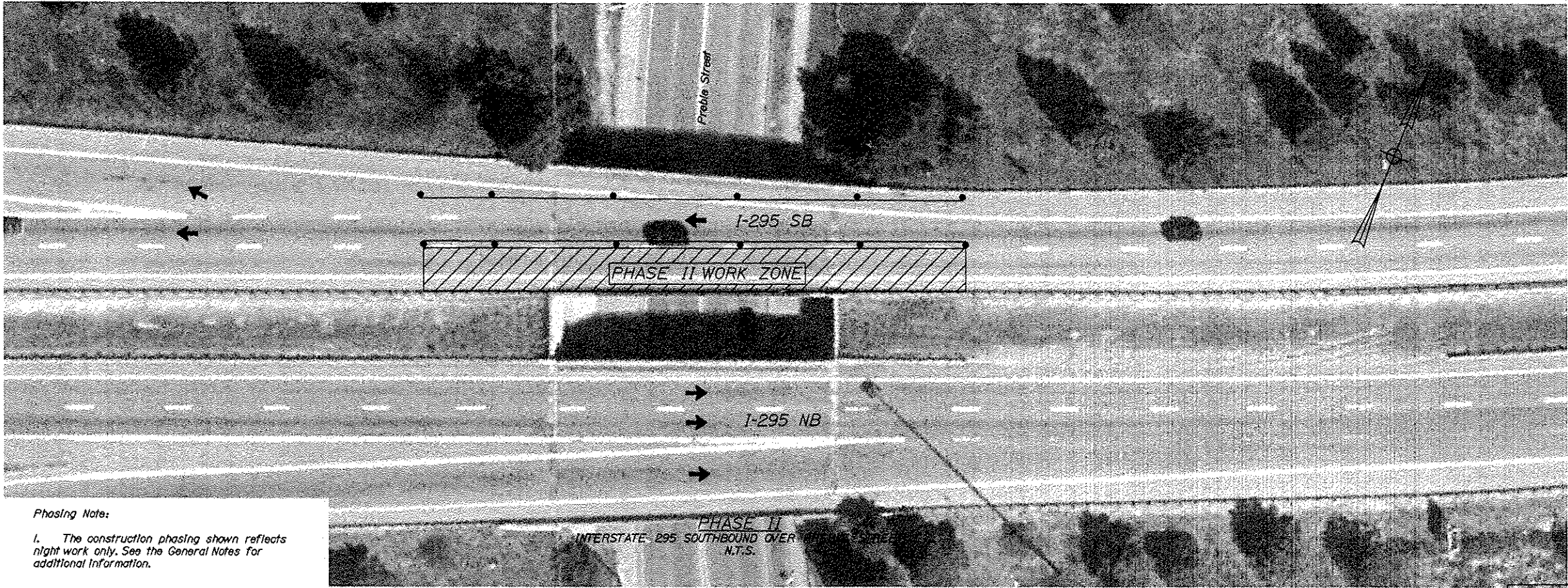
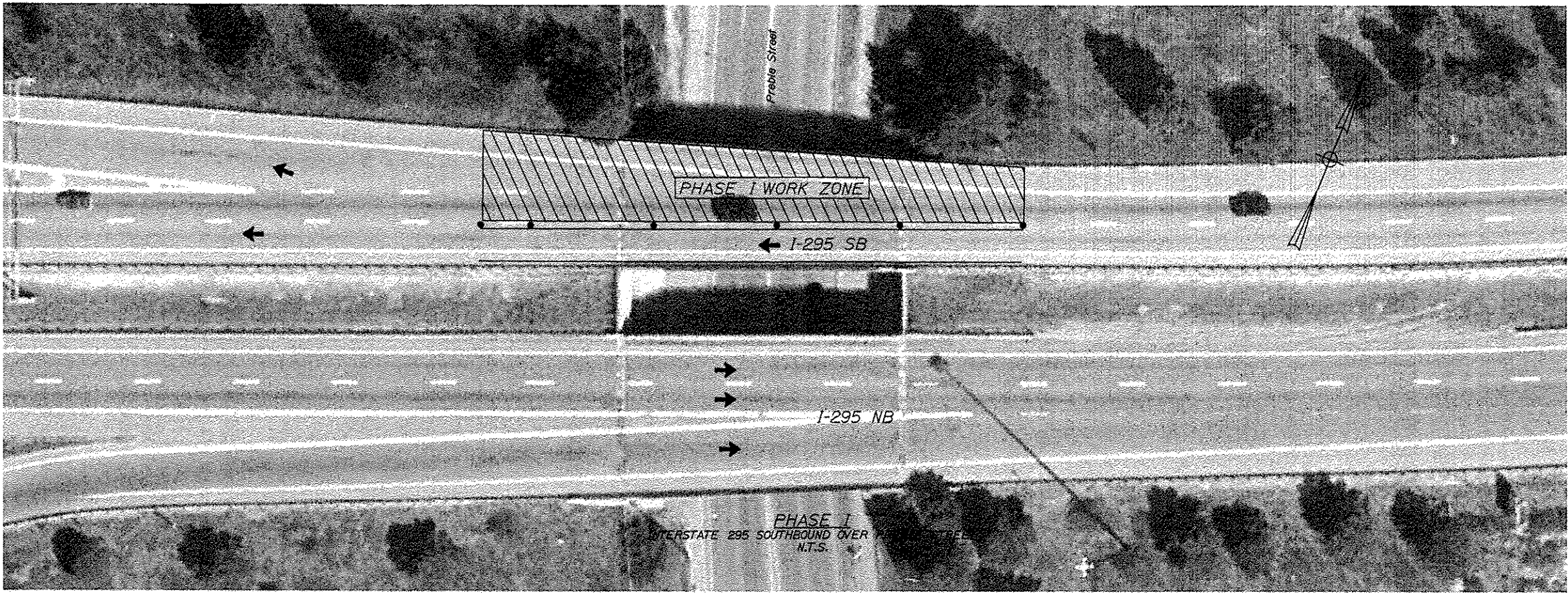
DATE	BY	DOE	CH	PROJ. MANAGER	REVISIONS	SIGNATURE	P.E. NUMBER	DATE
04/10	RMH				1			
04/10					2			
					3			
					4			
					FIELD CHANGES			

INTERSTATE 295 SOUTHBOUND	BACK COVE (TUKEY'S BRIDGE)
PORTLAND	CUMBERLAND COUNTY
CONSTRUCTION PHASING	TYPICAL SECTION

SHEET NUMBER

9

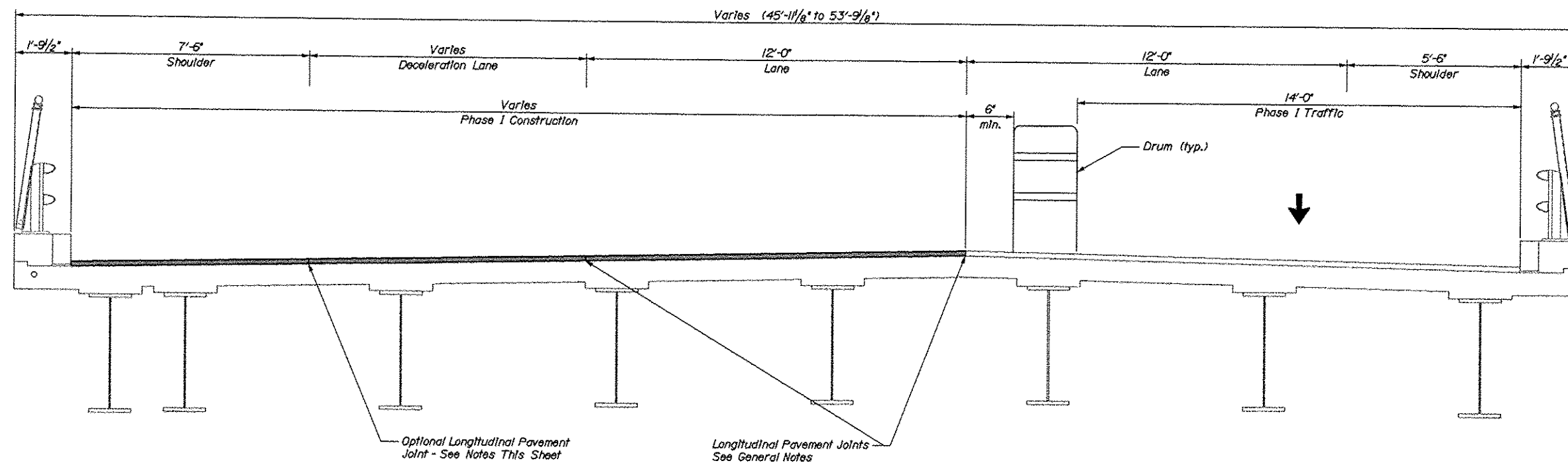
OF 11



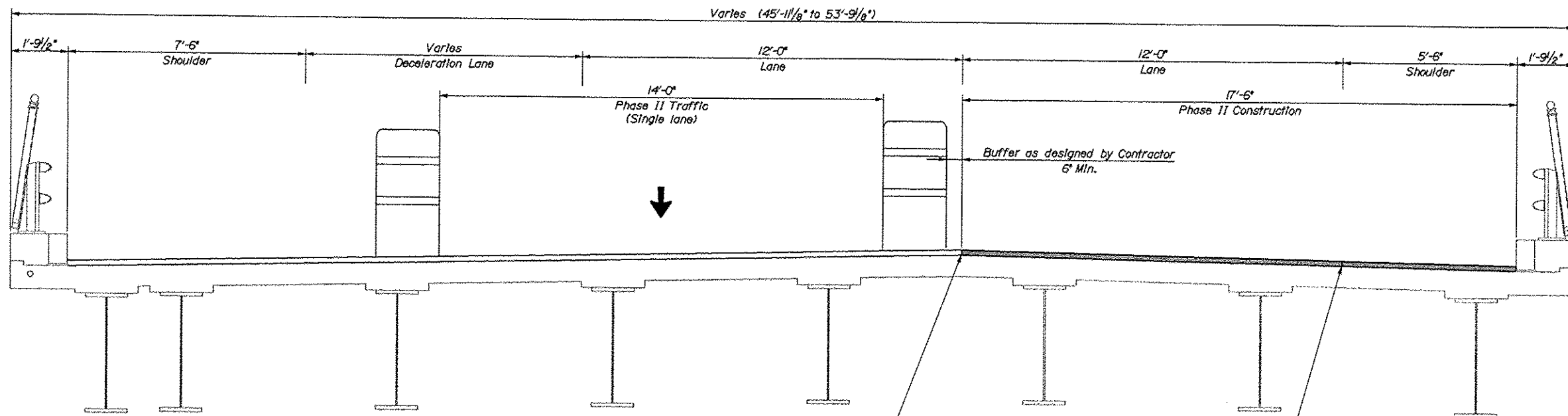
Phasing Note:
1. The construction phasing shown reflects night work only. See the General Notes for additional information.

APPENDIX A

STATE OF MAINE DEPARTMENT OF TRANSPORTATION		DATE		BY		DOE		LCAI		CHECKED-REVIEWED		DATE		SIGNATURE	
IM-1779(300)E				RMI				DOE		DOE		04/10		04/10	
BRIDGE NO. 6299		PIN		17793.00				DESIGN-DETAILS		DESIGN-DETAILS				P.E. NUMBER	
BRIDGE PLANS								REVISIONS 1		REVISIONS 2		REVISIONS 3		REVISIONS 4	
								FIELD CHANGES						DATE	
INTERSTATE 295 SOUTHBOUND PREBLE STREET PORTLAND CUMBERLAND COUNTY										CONSTRUCTION PHASING PLAN					
SHEET NUMBER										10					
										OF 11					



PHASE I
INTERSTATE 295 OVER PREBLE STREET
N.T.S.



PHASE II
INTERSTATE 295 OVER PREBLE STREET
N.T.S.

NOTES:

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.

APPENDIX A

STATE OF MAINE	BRIDGE NO. 6299	PIN	17793.00	BRIDGE PLANS
DEPARTMENT OF TRANSPORTATION	IM-1779(300)E			

PROJ. MANAGER	DESIGNED	CHECKED	DATE	SIGNATURE
			04/10	
DESIGN DETAIL	DESIGNED	CHECKED	DATE	SIGNATURE
			04/10	
REVISIONS	DATE	BY	REASON	DATE
1				
2				
3				
4				
FIELD CHANGES				

INTERSTATE 295 SOUTHBOUND
PREBLE STREET
CUMBERLAND COUNTY
CONSTRUCTION PHASING
TYPICAL SECTION

SHEET NUMBER

11

OF 11