

# PHASING

**Note:**

Use Intermediate Contract Times and Liquidated Damages for all phasing of lane and road closures on I-95, ramps, and Y-lines.

A combination of Flashing Arrow Panels (FAPs), Changeable Message Signs (CMSs), and Drums shall be used for the lane closures on I-95 as agreed upon by the Engineer and shall remain in place until the closed lane is reopened. Drums shall be used in taper areas and Skinny Drums may be used in the buffer space, TMIA space and work area. Skinny Drums and Cones may be used in work areas on Ramps and Y-lines.

- Step 1: Using the Roadway Standard Drawings (RSDs) for Lane and Road Closure requirements, perform the following maintenance operations in the order agreed upon with the Engineer:
- A) Proposed asphalt rehab and ramp lengthening operations
  - B) Proposed asphalt ramp widening operations
  - C) Proposed full depth asphalt rehab operations
  - D) Proposed monolithic island operations
  - E) Proposed median drainage operations
  - F) Proposed guardrail replacement operations

- A) Proposed asphalt rehab and ramp lengthening operations using the short term temporary lane closure sequence:

Using Intermediate Contract Times for lane closures, TCP-4 and TCP-5, install all work zone advance warning signs on all roads and approaches and CMSs at designated locations prior to any asphalt rehab and ramp lengthening operations.

Using RSD 1101.02 Sheets 6 and 7 of 7, RSD 1101.07 sheet 2 of 2, RSD 1101.11 Sheets 1, 2 and 4 of 4, and TCP-6 thru TCP-11, close a lane of traffic or ramp lengthening area on I-95 and perform proposed asphalt rehab and ramp lengthening operations. (See Lane and Shoulder Requirements on TCP-2.)

Remove all traffic control signing and devices and reopen all lanes and ramps of I-95.

- B) Proposed asphalt ramp widening operations using the short term temporary lane closure sequence:

Using Intermediate Contract Times for lane closures, TCP-4 and TCP-5, install all work zone advance warning signs on all roads and approaches and CMSs at designated locations prior to any asphalt ramp widening operations for truck parking.

Using RSD 1101.02 Sheets 6 and 7 of 7, RSD 1101.07 sheet 2 of 2, RSD 1101.11 Sheets 1, 2 and 4 of 4, and TCP-6 thru TCP-11, close the area around the existing I-95 ramp and perform proposed ramp widening operations. (See Lane and Shoulder Requirements on TCP-2.)

Remove all traffic control signing and devices and reopen I-95 ramp area.

Complete the work required in Phase I Step 1(C) in seven (7) consecutive calendar days

- C) Proposed full depth asphalt rehab operations using the seven-day temporary lane closure sequence:

Using Intermediate Contract Times for 7 day temporary lane closure, TCP-4 and TCP-5, install all work zone advance warning signs on all roads and approaches and CMSs at designated locations prior to full depth asphalt rehab operations.

Using RSD 1101.02 Sheets 6 and 7 of 7, RSD 1101.07 sheet 2 of 2, RSD 1101.11 Sheets 1 thru 4 of 4, and TCP-6 thru TCP-12, close the I-95 Northbound outside lane of traffic, install anchored portable concrete barrier and perform proposed full depth asphalt rehab operations on I-95 at Milepost 34.28+/- for 1200+/- linear feet.

Remove all traffic control signing and devices and reopen all lanes and ramps of I-95.

Step 1: continued

- (D) Proposed monolithic island maintenance operations:

Using Intermediate Contract Times for lane closures, TCP-4 and TCP-5, install all work zone advance warning signs on all roads and approaches and CMSs at designated locations prior to any monolithic island operations.

Using RSD 1101.02 Sheets 6 and 7 of 7, RSD 1101.07 sheet 2 of 2, RSD 1101.11 Sheets 1, 2 and 4 of 4, and TCP-6 thru TCP-11, close the area around the existing island on the I-95 ramp and perform proposed monolithic island operations.

Remove all traffic control signing and devices and reopen I-95 ramp area.

- (E) Proposed median drainage operations:

Using Intermediate Contract Times for lane closures, TCP-4 and TCP-5, install all work zone advance warning signs on all roads and approaches and CMSs at designated locations prior to any median drainage operations.

Using RSD 1101.02 Sheets 6 and 7 of 7, RSD 1101.07 sheet 2 of 2, RSD 1101.11 Sheets 1, 2 and 4 of 4, and TCP-6 thru TCP-11, close the area around the existing median drainage on the I-95 and perform the proposed median drainage operations. (See Lane and Shoulder Requirements on TCP-2.)

Remove all traffic control signing and devices and reopen all lanes of I-95.

- (F) Proposed guardrail replacement operations:

Using Intermediate Contract Times for lane closures, TCP-4 and TCP-5, install all work zone advance warning signs on all roads and approaches and CMSs at designated locations prior to any guardrail replacement operations.

Using RSD 1101.02 Sheets 6 and 7 of 7, RSD 1101.07 sheet 2 of 2, RSD 1101.11 Sheets 1, 2 and 4 of 4, and TCP-6 thru TCP-11, close the area around the existing guardrail on the I-95 ramps and interchanges and perform the proposed guardrail replacement operations.

Remove all traffic control signing and devices and reopen all ramps and Y-lines of I-95.

Step 2: Repeat Steps 1A, 1B, 1C, 1D, 1E, or 1F until all proposed maintenance operations have been completed and pavement markings have been installed.

## PERMANENT AND TEMPORARY PAVEMENT MARKING AND MARKER SCHEDULES

SYMBOL	DESCRIPTION	PAY ITEM BREAKDOWN	QUANTITY	TOTAL QUANTITY
<b>FINAL PAVEMENT MARKINGS</b>				
<b>THERMOPLASTIC (4", 90 MILS)</b>				
TA	WHITE EDGELINE	10000	LF	
TB	YELLOW EDGELINE	9000	LF	
			TOTAL	19000 LF
<b>THERMOPLASTIC (6", 90 MILS)</b>				
T6	WHITE EDGELINE	180000	LF	
T7	YELLOW EDGELINE	180000	LF	
			TOTAL	360000 LF
<b>THERMOPLASTIC (6", 120 MILS)</b>				
TJ	10 FT. WHITE SKIP	46000	LF	
TK	2 FT. WHITE MINISKIP	1000	LF	
			TOTAL	47000 LF
<b>THERMOPLASTIC (8", 90 MILS)</b>				
TP	WHITE GORELINE	800	LF	
TR	WHITE RAMP ARROW	222	LF	
			TOTAL	1022 LF
<b>THERMOPLASTIC (12", 90 MILS)</b>				
TY	WHITE GORELINE	8000	LF	
			TOTAL	8000 LF
<b>MARKERS</b>				
<b>PERMANENT RAISED PAVEMENT MARKERS</b>				
MB	CRYSTAL & RED	200	EA	
			TOTAL	200 EA
<b>SNOWPLOWABLE RAISED PAVEMENT MARKERS</b>				
MF	CRYSTAL & RED	2500	EA	
			TOTAL	2500 EA
<b>TEMPORARY PAVEMENT MARKINGS</b>				
<b>REMOVABLE TAPE (6")</b>				
R6	WHITE EDGELINE	2000	LF	
R7	YELLOW EDGELINE	2000	LF	
			TOTAL	4000 LF
<b>PAINT (4")</b>				
PA	WHITE EDGELINE (1X)	200000	LF	
PB	YELLOW EDGELINE (1X)	200000	LF	
PC	10 FT. WHITE SKIP (1X)	50000	LF	
PD	2 FT. WHITE MINISKIP (1X)	1000	LF	
			TOTAL	451000 LF
<b>PAINT (12")</b>				
P1	WHITE GORELINE (1X)	2000	LF	
			TOTAL	2000 LF

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<p>APPROVED:  DATE: 11/1/05</p>	<p><b>PHASING AND PAVEMENT MARKING SCHEDULE</b></p>	<p><b>REVISIONS</b></p> <table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 5%;">NO.</td> <td style="width: 15%;">DESCRIPTION</td> </tr> <tr> <td> </td> <td> </td> </tr> <tr> <td> </td> <td> </td> </tr> </table>	NO.	DESCRIPTION					
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