

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 and the sequences listed below, perform the following maintenance operations in the following order:
 1. Proposed full depth asphalt rehab (sequence C), and asphalt rehab and ramp lengthening operations (sequence A) for SB I-95
 2. Proposed asphalt rehab and ramp lengthening operations (sequence A) for NB I-95

Perform the following maintenance operations in the order agreed upon with the Engineer:

- * Proposed asphalt ramp widening operations (sequence B)
- * Proposed monolithic island operations (sequence D)
- * Proposed median drainage operations (sequence E)
- * Proposed guardrail replacement operations (sequence F)

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.)

Place temporary paint at a thickness of 15 mils on intermediate asphalt. Place a layer of temporary paint at a thickness of 15 mils on the final surface course. Apply drop-on beads on all temporary paint at a rate of 1-3 pounds per gallon of paint.

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 QUANTITY BREAKDOWN	TOTAL QUANTITY
FINAL PAVEMENT MARKINGS			
THERMOPLASTIC (4", 90 MILS)			
TA	WHITE EDGELINE	10000 LF	
TB	YELLOW EDGELINE	9000 LF	
	TOTAL		19000 LF
THERMOPLASTIC (6", 90 MILS)			
T6	WHITE EDGELINE	180000 LF	
T7	YELLOW EDGELINE	180000 LF	
	TOTAL		360000 LF
THERMOPLASTIC (6", 120 MILS)			
TJ	10 FT. WHITE SKIP	46000 LF	
TK	2 FT. WHITE MINISKIP	1000 LF	
	TOTAL		47000 LF
THERMOPLASTIC (8", 90 MILS)			
TP	WHITE GORELINE	800 LF	
TR	WHITE RAMP ARROW	462 LF	
	TOTAL		1262 LF
THERMOPLASTIC (12", 90 MILS)			
TY	WHITE GORELINE	8000 LF	
	TOTAL		8000 LF
MARKERS			
PERMANENT RAISED PAVEMENT MARKERS			
MB	CRYSTAL & RED	400 EA	
	TOTAL		400 EA
SNOWPLOWABLE RAISED PAVEMENT MARKERS			
MF	CRYSTAL & RED	2500 EA	
	TOTAL		2500 EA
TEMPORARY PAVEMENT MARKINGS			
REMOVABLE TAPE (6")			
R6	WHITE EDGELINE	2000 LF	
R7	YELLOW EDGELINE	2000 LF	
	TOTAL		4000 LF
PAINT (4")			
PA	WHITE EDGELINE (1X)	369500 LF	
PB	YELLOW EDGELINE (1X)	369500 LF	
PC	10 FT. WHITE SKIP (1X)	90000 LF	
PD	2 FT. WHITE MINISKIP (1X)	3990 LF	
	TOTAL		832990 LF
PAINT (12")			
P1	WHITE GORELINE (1X)	16000 LF	
	TOTAL		16000 LF

APPROVED:	DATE: 3/26/06	PHASING AND PAVEMENT MARKING SCHEDULE	
	SCALE: NONE		REVISIONS
	DATE: 11-17-05		
	DWG. BY: PS		
	DESIGN BY: JPG		
REVIEWED BY: MMM			

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