

# PHASING

PROJ. REFERENCE NO. I-5710	SHEET NO. TMP-3
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NOTE: ONLY ONE RAMP CLOSURE AND DETOUR WILL BE PERMITTED AT ANY GIVEN TIME. SIMULTANEOUS CLOSURE AND DETOUR OF TWO OR MORE RAMPS IS PROHIBITED.

STEP 1 - CONTINUED:

CREEDMOOR ROAD WB ON-RAMP -RB2- (CONT.)

USING RSD 1101.01, INSTALL ADVANCE WORK ZONE WARNING SIGNS ON I-540 WESTBOUND LANES, ON THE EXIT RAMPS FROM I-540 TO LEESVILLE ROAD, TO CREEDMOOR ROAD AND TO SIX FORKS ROAD, AND ON LEESVILLE ROAD, CREEDMOOR ROAD AND SIX FORKS ROAD.

USING THE DETAILS ON TMP-13 AND TMP-14, TEMPORARILY CLOSE THE RIGHT LANE OF -RB2- CREEDMOOR ROAD WB ON-RAMP ALONG WITH THE CORRESPONDING LANE OF THE UPSTREAM DUAL LEFT TURN FROM CREEDMOOR ROAD NB, THEN PLACE FILL MATERIAL, PERFORM GRADING AND CONSTRUCT EMBANKMENT UP TO THE EDGE AND ELEVATION OF THE EXISTING PAVED SHOULDER ALONG THE NORTH SIDE OF THE RAMP. [SEE SECTIONS A-A AND B-B ON TMP-13]. PROVIDE FLAGGERS AND FLAGGER AHEAD SIGNS AS DIRECTED BY THE ENGINEER TO HELP CONSTRUCTION VEHICLES TO ENTER RAMP LANE FROM CLOSED LANE AND WORK AREA.

PHASE I

THE OBJECTIVE OF PHASE I, STEP 1 IS TO PERFORM AS MUCH WORK AS POSSIBLE IN ADVANCE OF PHASE I, STEPS 2 AND 3, TO MINIMIZE THE AMOUNT OF CONSTRUCTION THAT MUST BE PERFORMED DURING WEEKEND RAMP CLOSURES PHASE I, STEPS 2 AND 3.

INSTALL AND COVER WARNING SIGNS AND DETOUR SIGNS IN PREPARATION FOR UPCOMING -RB2- CREEDMOOR ROAD WB ON-RAMP CLOSURES AND DETOURS AS SHOWN ON TMP-15 THRU TMP-17. [SEE LOCAL NOTE LN-1]

STEP 1:

LEESVILLE ROAD WB ON-RAMP -RB1-

USING THE DETAILS ON TMP-4 AND TMP-5, TEMPORARILY CLOSE THE LEFT LANE OF -RB1- LEESVILLE ROAD WB ON-RAMP ALONG WITH THE CORRESPONDING LANE OF THE UPSTREAM DUAL LEFT TURN FROM LEESVILLE ROAD NB, THEN PLACE FILL MATERIAL, PERFORM GRADING AND WIDEN THE EXISTING GRADED SHOULDER UP TO THE EDGE AND ELEVATION OF THE EXISTING PAVED SHOULDER ALONG THE SOUTH SIDE OF RAMP -RB1-. [SEE SECTION A-A ON TMP-4]. PROVIDE FLAGGERS AND FLAGGER AHEAD SIGNS AS DIRECTED BY THE ENGINEER TO HELP CONSTRUCTION VEHICLES TO ENTER RAMP LANE FROM CLOSED LANE AND WORK AREA.

DURING A SINGLE OVERNIGHT PERIOD, MILL THE EXISTING RAMP PAVEMENT IN THE VICINITY OF THE I-540 GORE AREA FROM STA 0+00 -RB2- TO STA 9+05 -RB2- AS FOLLOWS:

- USE THE DETAILS ON TMP-15 THRU TMP-17, TO CLOSE THE -RB2- CREEDMOOR ROAD WB ON-RAMP AND DETOUR RAMP TRAFFIC AS SHOWN ON TMP-17 FOR A SINGLE OVERNIGHT PERIOD.
- CLOSE THE ADJACENT RIGHT LANE OF I-540 WESTBOUND USING RSD 1101.02, SHEET 4.
- ONCE THE RAMP AND ADJACENT RIGHT LANE OF WESTBOUND I-540 ARE CLOSED, MILL THE EXISTING RAMP PAVEMENT.

USING THE DETAILS ON TMP-6 AND TMP-7, TEMPORARILY CLOSE THE RIGHT LANE OF -RB1- LEESVILLE ROAD WB ON-RAMP ALONG WITH THE CORRESPONDING LANE OF THE UPSTREAM DUAL LEFT TURN FROM LEESVILLE ROAD NB, THEN PLACE FILL MATERIAL, PERFORM GRADING AND CONSTRUCT EMBANKMENT UP TO THE EDGE AND ELEVATION OF THE EXISTING PAVED SHOULDER ALONG THE NORTH SIDE OF THE RAMP. [SEE SECTIONS A-A AND B-B ON TMP-6]. PROVIDE FLAGGERS AND FLAGGER AHEAD SIGNS AS DIRECTED BY THE ENGINEER TO HELP CONSTRUCTION VEHICLES TO ENTER RAMP LANE FROM CLOSED LANE AND WORK AREA.

REPLACE EXISTING PAVEMENT MARKINGS OBLITERATED BY MILLING AND REOPEN RAMP AND RIGHT LANE OF WESTBOUND I-540 TO TRAFFIC BY END OF THE OVERNIGHT WORK PERIOD.

I-540 WESTBOUND AT -RB1-, -RB2- AND -RB3-

WORKING BEHIND SHOULDER CLOSURES ON WESTBOUND I-540 [SEE RSD NO. 1101.04], DIRECTIONAL DRILL CONDUIT BENEATH I-540 WEST AND INSTALL JUNCTIONS BOXES AT EACH END OF BORE AT THE LEESVILLE ROAD, CREEDMOOR ROAD AND SIX FORKS ROAD INTERCHANGES [SEE ITS PLANS].

INSTALL AND COVER WARNING SIGNS AND DETOUR SIGNS IN PREPARATION FOR UPCOMING -RB1- LEESVILLE ROAD WB ON-RAMP CLOSURES AND DETOURS AS SHOWN ON TMP-8 THRU TMP-10. [SEE LOCAL NOTE LN-1]

INSTALL LOOP DETECTORS IN THE WESTBOUND LANES OF I-540 UPSTREAM OF -RB1-, -RB2- AND -RB3- ON-RAMP GORES AT THE LEESVILLE ROAD, CREEDMOOR ROAD AND SIX FORKS ROAD INTERCHANGES AS FOLLOWS [SEE ITS PLANS]:

DURING A SINGLE OVERNIGHT PERIOD, MILL THE EXISTING RAMP PAVEMENT IN THE VICINITY OF THE I-540 GORE AREA FROM STA 3+50 -RB1- TO STA 8+75 -RB1- AS FOLLOWS:

- USE RSD 1101.02, SHEET 8, TO CLOSE THE RIGHT AND CENTER LANES OF I-540 WESTBOUND AND INSTALL LOOPS IN THE CLOSED RIGHT AND CENTER LANES.
- USE RSD 1101.02, SHEET 4, TO CLOSE THE LEFT LANE OF I-540 WESTBOUND AND INSTALL THE LOOP WITHIN THE CLOSED LEFT LANE.

- USE THE DETAILS ON TMP-8 THRU TMP-10, TO CLOSE THE -RB1- LEESVILLE ROAD WB ON-RAMP AND DETOUR RAMP TRAFFIC AS SHOWN ON TMP-10 FOR A SINGLE OVERNIGHT PERIOD.
- CLOSE THE ADJACENT RIGHT LANE OF I-540 WESTBOUND USING RSD 1101.02, SHEET 4.
- ONCE THE RAMP AND ADJACENT RIGHT LANE OF WESTBOUND I-540 ARE CLOSED, MILL THE EXISTING RAMP PAVEMENT.
- REPLACE EXISTING PAVEMENT MARKINGS OBLITERATED BY MILLING AND REOPEN RAMP AND RIGHT LANE OF WESTBOUND I-540 TO TRAFFIC BY END OF THE OVERNIGHT WORK PERIOD.

THE CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK IN PHASE I, STEP 2 WITHIN A SINGLE WEEKEND PERIOD BETWEEN 9:00 PM FRIDAY AND 6:00 AM THE FOLLOWING MONDAY. [SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES]

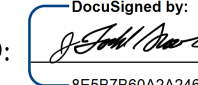
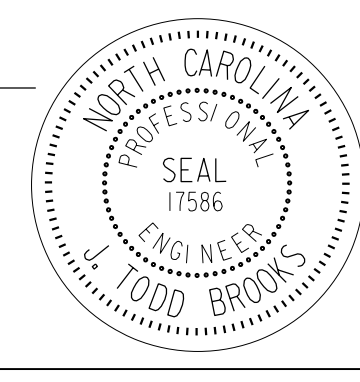
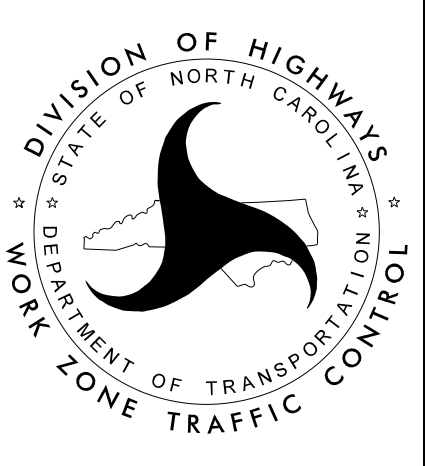
CREEDMOOR ROAD WB ON-RAMP -RB2-

STEP 2: UNCOVER ROAD CLOSURE AND DETOUR SIGNS AND PLACE DRUMS AND BARRICADES TO TEMPORARILY CLOSE -RB1- LEESVILLE ROAD WB ON-RAMP AS SHOWN ON TMP-8 THRU TMP-10. DETOUR -RB1- RAMP TRAFFIC TO ADJACENT CREEDMOOR ROAD INTERCHANGE VIA I-540 EB AS SHOWN ON TMP-10.

WITH -RB1- CLOSED TO TRAFFIC, PERFORM THE FOLLOWING WORK:

(CONTINUED ON SHEET TMP-3A)

6/27/2016 09:15:00 AM User: Will.E2054

<p>APPROVED:  DATE: 6/27/2016</p> <p style="text-align: center;">SEAL</p> <p style="text-align: center;">  </p>		<h2 style="margin: 0;">PHASING</h2>
<p><b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b></p>		