

# PHASING

## PHASE I

### STEP 1

PRIOR TO CONSTRUCTION, USING RSD 1101.01, SHEET 1 OF 3, INSTALL WORK ZONE ADVANCE WARNING SIGNS ALONG US 220 AND RAMPS AT US 220 BUS.

### STEP 2

(REFER TO SHEETS TMP-2A, 4 & 5)

- A) USING RSD 1101.03 (SHEET 2 OF 9), INSTALL ROAD CLOSURE AND OFFSITE DETOUR SIGNING AND CLOSE RAMP FROM US 220 BUS. TO SOUTHBOUND US 220.  
 B) USING RSD 1101.02 (SHEET 4 OF 14), PERFORM THE FOLLOWING:

- 1) USE WORK ZONE PATTERN MARKING TO COVER CONFLICTING MARKINGS AND PLACE TEMPORARY WORK ZONE PERFORMANCE PAVEMENT MARKINGS AND INSTALL RIGHT LANE CLOSURE FOR SOUTHBOUND US 220 FROM -L- STA 14+00± TO EXISTING BRIDGE OVER US 220 BUS.
- 2) INSTALL PORTABLE CONCRETE BARRIER (PCB) ALONG THE OUTSIDE OF ACTIVE LANE

- C) BEHIND BARRIER, RECONSTRUCT OUTSIDE SHOULDER OF SOUTHBOUND US 220 FROM -L- STA 14+43± TO EXISTING BRIDGE OVER RAILROAD.

### STEP 3

(REFER TO SHEETS TMP-6 & 7)

- A) USING RSD 1101.02 (SHEET 4 OF 14), PERFORM THE FOLLOWING:

- 1) REMOVE PHASE I, STEP 2 PCB
- 2) USE WORK ZONE PATTERN MARKING TO COVER CONFLICTING MARKINGS AND PLACE TEMPORARY WORK ZONE PERFORMANCE PAVEMENT MARKINGS TO INSTALL LEFT LANE CLOSURE FOR SOUTHBOUND US 220 FROM -L- STA 14+43± TO EXISTING BRIDGE OVER US 220 BUS., AND SHIFT SOUTHBOUND TRAFFIC TO OUTSIDE TEMPORARY LANE
- 3) RESET PCB ALONG MEDIAN SIDE OF ACTIVE LANE

USING RSD 1101.02 (SHEET 4 OF 14), PERFORM THE FOLLOWING:

- 1) REMOVE/MASK CONFLICTING MARKINGS AND PLACE TEMPORARY PAVEMENT MARKINGS AND INSTALL LEFT LANE CLOSURE FOR NORTHBOUND US 220 FROM -L1- STA 51+80± TO L- STA 30+00±
- 2) INSTALL PCB ALONG MEDIAN SIDE OF THROUGH-LANE

- B) BEHIND BARRIER, CONSTRUCT MEDIAN CROSSOVER, GUARDRAIL (INCLUDING RELAPPING) AND TEMPORARY PAVEMENT MARKINGS FOR PHASE II NORTHBOUND TRAFFIC (SEE ROADWAY PLANS).

INSTALL SIGNING ASSOCIATED WITH RSD 1101.03 (SHEET 4 OF 9) AND KEEP COVERED FOR PHASE II USE.

## PHASE II

### STEP 1

(REFER TO SHEETS TMP-8 & 9)

USING RSD 1101.02 (SHEET 4 OF 14) AND 1101.03 (SHEET 9 OF 9), PERFORM THE FOLLOWING:

- A) RESET PCB FROM SOUTHBOUND (PHASE I, STEP 3) -L- STA 23+44± TO ALONG NORTHBOUND MEDIAN SIDE FROM -LDET- STA 19+08± TO STA 24+66± FOR CROSSOVER SEPARATION
- B) REMOVE PHASE I, STEP 3 PCB ALONG NORTHBOUND LANE
- C) USE WORK ZONE PATTERN MARKING TO COVER CONFLICTING MARKINGS AND PLACE TEMPORARY WORK ZONE PERFORMANCE PAVEMENT MARKINGS AND INSTALL RIGHT LANE CLOSURE FOR NORTHBOUND US 220 BEGINNING AT SAME LOCATION AS THE LANE CLOSURE IN PHASE I, STEP 3
- D) SHIFT NB TRAFFIC TO CROSSOVERS AND SOUTHBOUND INSIDE LANE (2-LANE/2-WAY BARRIER SEPARATED TRAFFIC PATTERN) AND UNCOVER SIGNING ASSOCIATED WITH RSD 1101.03 (SHEET 4 OF 9)
- E) RESET PCB ALONG OUTSIDE NORTHBOUND LANE
- F) CLOSE NORTHBOUND LANES AT EXISTING NBL BRIDGE

### STEP 2

(REFER TO SHEETS TMP-8 & 9)

BEHIND BARRIER AND AWAY FROM TRAFFIC, CONSTRUCT PROPOSED NORTHBOUND BRIDGE AND ROADWAY APPROACHES, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, FROM -L- STA 14+28± TO STA 25+67± AND BEGIN INSTALLATION OF PROPOSED GUARDRAIL (SEE ROADWAY PLANS). PLACE TEMPORARY WORK ZONE PERFORMANCE PAVEMENT MARKINGS FOR PHASE III PATTERN.

## PHASE III

### STEP 1

(REFER TO SHEETS TMP-10 & 11)

USING RSD 1101.02 (SHEET 4 OF 14) AND 1101.03 (SHEET 9 OF 9), PERFORM THE FOLLOWING:

- A) REMOVE PCB FROM ALONG PHASE II NORTHBOUND LANE
- B) USE WORK ZONE PATTERN MARKING TO COVER CONFLICTING MARKINGS AND PLACE TEMPORARY WORK ZONE PERFORMANCE PAVEMENT MARKINGS AND INSTALL LEFT LANE CLOSURE FOR NORTHBOUND US 220 BEGINNING AT SAME LOCATION AS THE LANE CLOSURE IN PHASE II.
- C) RESET PCB ALONG PHASE III NORTHBOUND LANE
- D) RESET PCB PORTION (PHASE II MEDIAN SEPARATION) FROM MEDIAN CROSSOVER TO ALONG MEDIAN SIDE OF PHASE II SOUTHBOUND LANE (-L- STA 23+44± TO STA 29+00±)

### STEP 2

(REFER TO SHEETS TMP-10 & 11)

BEHIND BARRIER, REMOVE LDET- CROSSOVERS, GRADE MEDIAN SHOULDERS AND COMPLETE INSTALLATION OF PROPOSED GUARDRAIL (INCLUDING RELAPPING GUARDRAIL).

### STEP 3

USING RSD 1101.02 (SHEET 4 OF 14) AND 1101.03 (SHEET 9 OF 9), PERFORM THE FOLLOWING FOR SOUTHBOUND US 220:

- A) REMOVE PCB
- B) USE WORK ZONE PATTERN MARKING TO COVER CONFLICTING MARKINGS AND PLACE TEMPORARY WORK ZONE PERFORMANCE PAVEMENT MARKINGS IN FINAL PATTERN. REMOVE LANE CLOSURE AND SHIFT TRAFFIC TO FINAL TWO-LANE PATTERN.
- C) OPEN ON-RAMP FROM US 220 BUS. TO SOUTHBOUND US 220 AND REMOVE ROAD CLOSURE AND OFFSITE DETOUR SIGNING

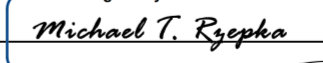
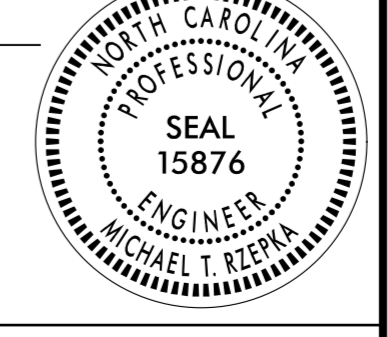
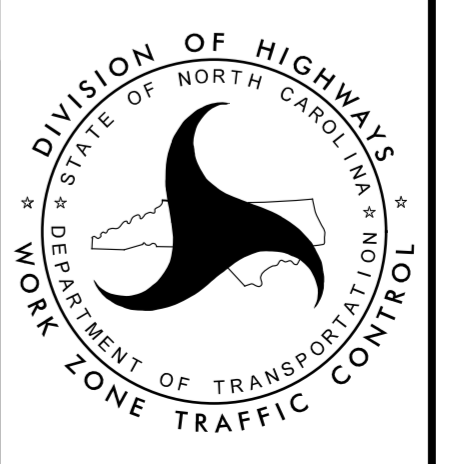
USING RSD 1101.02 (SHEET 4 OF 14) AND 1101.03 (SHEET 9 OF 9), PERFORM THE FOLLOWING FOR NORTHBOUND US 220:

- A) REMOVE PCB
- B) USE WORK ZONE PATTERN MARKING TO COVER CONFLICTING MARKINGS AND PLACE TEMPORARY WORK ZONE PERFORMANCE PAVEMENT MARKINGS IN FINAL PATTERN. REMOVE LANE CLOSURE AND SHIFT TRAFFIC TO FINAL TWO-LANE PATTERN.

### STEP 4

USING RSD 1101.02 (SHEET 4 OF 14), MILL (AS SHOWN IN ROADWAY PLANS) AND PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS AND MARKERS ON -L-. REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES.

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APPROVED:  <small>DocuSigned by: Michael T. Rzepka 018C3480C28048D</small> DATE: 2/20/2018  <div style="text-align: center;">   <b>SEAL</b> </div>		<h1 style="margin: 0;">PHASING</h1>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>		