

# AREA 4 TRAFFIC CONTROL PHASING

INSTALL WORK ZONE ADVANCE WARNING SIGNS PER RSD 1101.01.

UNLESS OTHERWISE NOTED BELOW, MAINTAIN ACCESS TO ALL DRIVES AND -Y- LINES THROUGHOUT THE DURATION OF CONSTRUCTION.

CONTRACTOR SHALL WORK IN AREAS 1 THROUGH 4 CONSECUTIVELY, FROM EAST TO WEST IN THE SEQUENCE OF AREA 4, AREA 3, AREA 2, AND LASTLY AREA 1. FOLLOW THE TIME RESTRICTIONS AND REQUIREMENTS SHOWN IN GENERAL NOTES AND AS DIRECTED BY THE ENGINEER. UPON COMPLETION OF EACH CONSTRUCTION AREA UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS, THE SUPERSTREET INTERSECTION TRAFFIC OPERATION PATTERN SHALL BE ACTIVATED FROM EAST TO WEST IN THE SEQUENCE OF AREA 4, AREA 3, AREA 2, AND LASTLY AREA 1.

## AREA 4: EAST OF FAWNBROOKE DR. TO EASTERN PROJECT LIMIT

### PHASE I: MEDIAN U-TURN CONSTRUCTION (TMP-28 THRU TMP-30)

**STEP 1:**

USING TEMPORARY LANE CLOSURES (RSD 1101.02), CLOSE EASTBOUND U-TURN LANE AND WESTBOUND LEFT-TURN LANE AT -L4- STA 405+00+/- AND MAINTAIN TRAFFIC ALONG -L4- (US 74) IN ITS EXISTING TRAFFIC PATTERN.

NOTE: STEP 2 AND STEP 3 MAY BE PERFORMED SIMULTANEOUSLY.

**STEP 2:**

AWAY FROM TRAFFIC, AND USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS AS NEEDED, CONSTRUCT PROPOSED MEDIAN WIDENING, INCLUDING DRAINAGE STRUCTURES, CONCRETE ISLANDS, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE AS FOLLOWS:

-L4- FROM STA 401+20+/- TO STA 408+40+/- (LT & RT SIDES)

CONSTRUCT WEDGING AS NEEDED TO PROVIDE A SMOOTH TRANSITION TO EXISTING PAVEMENT AND APPROPRIATE CROSS SLOPES TO ENSURE POSITIVE DRAINAGE. REPLACE EXISTING PAVEMENT MARKINGS WHERE REQUIRED.

TRAFFIC WILL BE IN ITS EXISTING TRAFFIC PATTERN ALONG -L4- WITH THE MEDIAN CLOSED TO TRAFFIC AT THE END OF EACH WORK PERIOD.

**STEP 3:**

USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS AS NEEDED, INSTALL PORTABLE CONCRETE BARRIER (PCB) TO CLOSE THE INSIDE SHOULDERS ALONG -L4- IN THE VICINITY OF THE PROPOSED JUNCTION BOX AT STA 427+82 (SEE TMP-27).

AWAY FROM TRAFFIC, BEHIND PORTABLE CONCRETE BARRIERS AND USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS, AND SHORING AS NEEDED, CONSTRUCT PROPOSED INSIDE SHOULDER AND MEDIAN U-TURN LANES, INCLUDING DRAINAGE STRUCTURES, CONCRETE ISLANDS, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE AS FOLLOWS:

-L4- FROM STA 408+40+/- TO STA 418+18+/- (LT & RT SIDES)

-L4- FROM STA 419+25+/- TO STA 429+40+/- (LT & RT SIDES)

CONSTRUCT WEDGING AS NEEDED TO PROVIDE A SMOOTH TRANSITION TO EXISTING PAVEMENT AND APPROPRIATE CROSS SLOPES TO ENSURE POSITIVE DRAINAGE. REPLACE EXISTING PAVEMENT MARKINGS WHERE REQUIRED.

TRAFFIC WILL BE IN ITS EXISTING PATTERN ON -Y7-/-Y8- AND ITS EXISTING TRAFFIC PATTERN ALONG -L4- WITH THE MEDIAN CLOSED TO TRAFFIC AT THE END OF EACH WORK PERIOD.

**STEP 4:**

INSTALL TEMPORARY PAVEMENT MARKINGS AND OPEN THE DIRECTIONAL MEDIAN CROSSOVER TO TRAFFIC.

**STEP 5:**

CLOSE THE DRIVEWAY ENTRANCE ON EASTBOUND US 74 NEAR STA. -L4- 408+90 +/- . AWAY FROM TRAFFIC, AND USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS AS NEEDED, CONSTRUCT ROAD WIDENING AND BULBOUTS FOR U-TURN MOVEMENTS UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:

-L4- FROM STA 408+57+/- TO STA 410+80+/- (RT SIDE ONLY)

-L4- FROM STA 426+28+/- TO STA 429+40+/- (LT SIDE ONLY)

CONSTRUCT WEDGING AS NEEDED TO PROVIDE A SMOOTH TRANSITION TO EXISTING PAVEMENT AND APPROPRIATE CROSS SLOPES TO ENSURE POSITIVE DRAINAGE. REPLACE EXISTING PAVEMENT MARKINGS WHERE REQUIRED.

MAINTAIN THE EXISTING TRAFFIC PATTERN ALONG -L4- WITH PROPOSED MEDIAN U-TURN LANES AND BULBOUT LOCATIONS CLOSED AT THE END OF EACH WORK PERIOD. TRAFFIC ON -Y7-/-Y8- WILL REMAIN IN ITS EXISTING PATTERN.

**STEP 6:**

USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS AS NEEDED, INSTALL PERMANENT TRAFFIC SIGNALS AND SIGNS AT MEDIAN U-TURN LOCATIONS AND THE TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF -L4-, AND -Y7-/-Y8-. KEEP BOTH THE SIGNAL HEADS AND SIGNS COVERED.

INSTALL TEMPORARY PAVEMENT MARKINGS NECESSARY FOR THE SIGNALIZED MEDIAN U-TURN OPERATIONS. MEDIAN U-TURN LANES AND BULBOUT LOCATIONS SHALL REMAIN CLOSED TO TRAFFIC.

ICT: COMPLETE THE WORK REQUIRED IN PHASE I STEP 7 FROM 9:00 P.M. ON A FRIDAY TO 6:00 A.M. THE FOLLOWING SATURDAY, SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

**STEP 7:**

USING TEMPORARY LANE CLOSURES (RSD 1101.02), FLAGGERS, AND LAW ENFORCEMENT AS NEEDED, ACTIVATE THE PERMANENT TRAFFIC SIGNALS AT THE MEDIAN U-TURN LOCATIONS, AND OPEN THE MEDIAN U-TURN LANES, AND BULBOUTS TO TRAFFIC.

INSTALL CLOSELY SPACED DRUMS ALONG THE INSIDE EDGE OF TRAVELED WAY (BOTH DIRECTIONS) FROM -L4- FROM STA 417+25+/- TO STA 420+52+/- (LT & RT SIDE) TO CLOSE MEDIAN CROSSOVER AND LEFT-TURN LANES ON -L4- AT ITS INTERSECTION WITH -Y7- & -Y8-, AND ACTIVATE THE TEMPORARY TRAFFIC SIGNAL. SHIFT US 74 LEFT-TURN TRAFFIC AND -Y7- , -Y8- TRAFFIC IN A TEMPORARY TRAFFIC PATTERN USING MEDIAN U-TURNS:

OBLITERATE EXISTING CONFLICTING PAVEMENT MARKINGS AND SYMBOLS AND PLACE TEMPORARY PAVEMENT MARKINGS AND SYMBOLS (SEE SHEET TMP-32 & TMP-33):

-Y7- FROM TIE IN AT L4- TO STA 13+40+/-

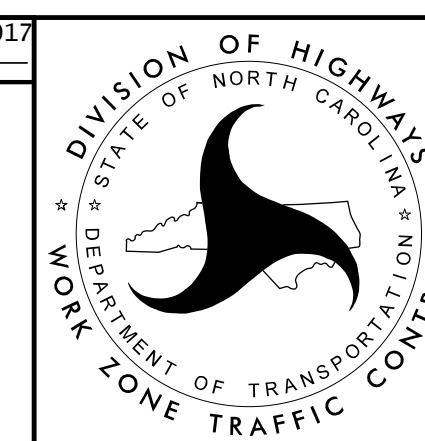
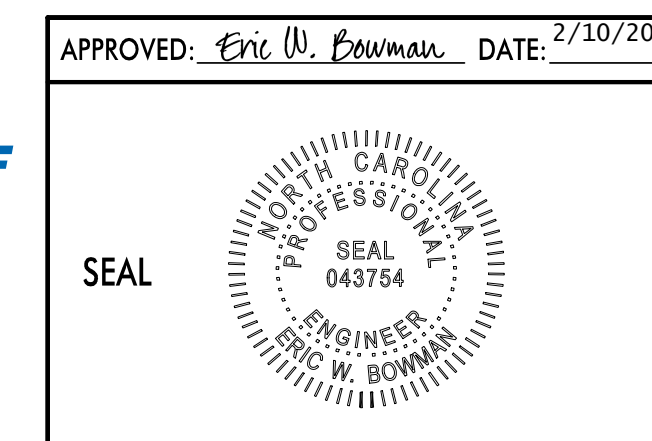
-Y8- FROM TIE IN AT L4- TO STA 13+20+/-

-L4- FROM STA 401+20+/- TO STA 418+18+/-

-L4- FROM STA 419+25+/- TO STA 429+40+/-

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## TEMPORARY TRAFFIC CONTROL PHASING