

PROJ. REFERENCE NO.	SHEET NO.
W-5520	TMP-20

AREA 3 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 3: EAST OF TECHNOLOGY DR. TO WEST OF FAWNBROOKE DR.

PHASE I: MEDIAN U-TURN CONSTRUCTION (TMP-21 THRU TMP-23)

STEP 1:

AWAY FROM TRAFFIC, AND USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS 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:

-L3- FROM STA 303+20+/- TO STA 314+20+/- (LT & RT SIDES)

-L3- FROM STA 315+04+/- TO STA 326+50+/- (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 -L3-, -Y5- AND -Y6- AT THE END OF EACH WORK PERIOD.

STEP 2:

UPON COMPLETION OF THE WORK REQUIRED IN PHASE I STEP 1, CLOSE WESTBOUND RIGHT-TURN LANE ON -L3- FROM STA. 321+45+/- TO STA. 325+35 +/-.

AWAY FROM TRAFFIC, 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:

-L3- FROM STA 303+34+/- TO STA 306+25+/- (RT SIDE ONLY)

-L3- FROM STA 323+45+/- TO STA 326+39+/- (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 EXISTING TRAFFIC PATTERN ON -Y5-, -Y6-, AND -L3- AT THE END OF EACH WORK PERIOD WITH THE PROPOSED MEDIAN U-TURN LANES AND BULBOUT LOCATIONS CLOSED TO TRAFFIC.

STEP 3:

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 -L3-, AND -Y5-/-Y6-. 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 4 FROM 9:00 P.M. ON A FRIDAY TO 6:00 A.M. THE FOLLOWING SATURDAY, SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 4:

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 -L3- FROM STA 312+73+/- TO STA 316+02+/- (LT & RT SIDE) TO CLOSE MEDIAN CROSSOVER AND LEFT-TURN LANES ON -L3- AT ITS INTERSECTION WITH -Y5- & -Y6-, AND ACTIVATE THE TEMPORARY TRAFFIC SIGNAL. SHIFT US 74 LEFT-TURN TRAFFIC AND -Y5-, -Y6- 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-25 & TMP-26):

-Y5- FROM TIE IN AT -L3- TO STA 12+80+/-

-Y6- FROM TIE IN AT -L3- TO STA 10+00+/-

-L3- FROM STA 303+20+/- TO STA 314+20+/-

-L3- FROM STA 315+04+/- TO STA 326+50+/-

PHASE II: INTERSECTION SUPERSTREET CROSS-OVER CONSTRUCTION (TMP-24 THRU TMP-26)

ICT: COMPLETE THE WORK REQUIRED IN PHASE II STEPS 1 AND 2 IN FORTY-FIVE (45) CONSECUTIVE CALANDER DAYS, SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 1:

USING TEMPORARY LANE CLOSURES (RSD 1101.02) AND FLAGGERS AS NEEDED, CONSTRUCT MEDIAN DIRECTIONAL CROSS-OVER INCLUDING DRAINAGE AND MONOLITHIC CONCRETE ISLAND UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:

-L3- FROM STA 312+73+/- TO STA 316+02+/- (LT & RT SIDE)

INSTALL PERMANENT TRAFFIC SIGNAL AND SIGNS AT THE INTERSECTION OF -L3- AND -Y5- /-Y6-. KEEP THE NEW SIGNAL HEADS AND SIGNS COVERED.

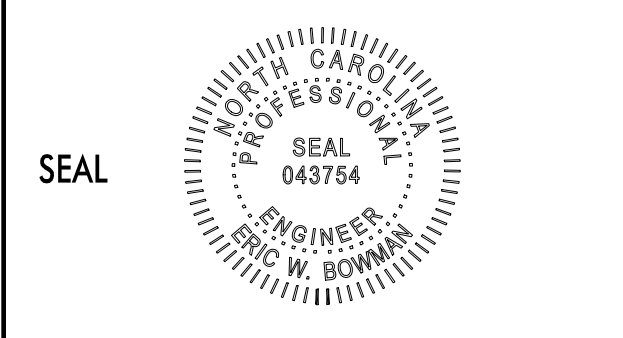
TRAFFIC SHALL REMAIN IN ITS TEMPORARY TRAFFIC PATTERN ON -L3-, -Y5-, AND -Y6-.

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APPROVED: *Eric W. Bowman* DATE: 2/17/2017




TEMPORARY TRAFFIC CONTROL PHASING