

IN ACCORDANCE WITH THE PROJECT SPECIAL PROVISIONS, CONSTRUCT THE PROPOSED BRIDGE, ROUNDABOUTS AND TIE-INS AS DESCRIBED IN PHASE I, STEP 1, THRU PHASE III, STEP 5 AND OPEN TO THE TEMPORARY TRAFFIC PATTERN DETAILED ON SHEETS TMP-12 AND TMP-14.

**PHASE I**

STEP 1: -- INSTALL ADVANCE WARNING SIGNS IN ACCORDANCE WITH RSD 1101.01, SHEET 3.

NOTE: STEPS 2 AND 3 ARE CONCURRENT

STEP 2: -- MAINTAINING EXISTING TRAFFIC PATTERNS, WORKING AWAY FROM TRAFFIC AND USING FLAGGING AS NECESSARY, BEGIN BRIDGE AND APPROACH CONSTRUCTION, INCLUDING UTILITY RELOCATION (WATER AND SEWER), RETAINING WALLS, AND STORM DRAINAGE FROM -L2- STA. 18+50 +/- TO STA. 56+06 +/- (SEE TMP-4 AND 5 AND RSD 1101.02, SHEET 1 AND 2).

STEP 3: -- CLOSE S. NEW RIVER DR. TO VEHICULAR AND PEDESTRIAN TRAFFIC AS SHOWN ON SHEET TMP-5.

-- COMPLETE UTILITY RELOCATION (WATER AND SEWER) AT THE ISLAND ROUNDABOUT (-RA2-) (SEE UTILITY PLANS).

STEP 4: -- CONSTRUCT INFILTRATION BASIN, STORM DRAINAGE AND PROPOSED SIDEWALK AS SHOWN ON TMP-5. INSTALL ORANGE SAFETY FENCE AND OPEN TO PEDESTRIANS. CLOSE KINSTON AVE. TO PEDESTRIAN TRAFFIC.

STEP 5: -- BEGIN CONSTRUCTION OF END BENT NO. 2, SPAN AC, AND STORM DRAINAGE AS SHOWN ON TMP-6.

**PHASE II**

NOTE: STEPS 1 THRU 3 ARE CONCURRENT

STEP 1: -- CONTINUE BRIDGE CONSTRUCTION ON NEW LOCATION AS BEGUN IN PHASE I.

STEP 2: -- USING FLAGGERS, CONSTRUCT ROLAND AVE. (-Y1-), ATKINSON POINT RD. (-Y1A-), -L1DET-, AND -L2DET- TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT (SEE RSD 1101.02, SHEET 1 AND 2 AND TMP-7)

STEP 3: -- USING FLAGGERS, RE-STRIPE S. TOPSAIL DR. (-Y4-) FOR THE TEMPORARY PATTERN SHOWN ON TMP-8 AND INSTALL WATER FILLED BARRIER. (SEE RSD 1101.02, SHEET 1 AND 2 AND TMP-8)

-- BEHIND WATER FILLED BARRIER, CONSTRUCT THE ISLAND ROUNDABOUT (-RA2-) FROM -Y3- STA. 12+50 +/- TO -Y4- STA. 15+57 +/-, INCLUDING MONOLITHIC CONCRETE ISLANDS, INCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-8)

-- USING FLAGGERS, CONSTRUCT WIDENING AND CURB ON NEW RIVER DR./NC 210 (-Y3-) AND ON ROLAND AVE. (-Y5-) (SEE RSD 1101.02, SHEET 1 AND 2 AND TMP-8)

**PHASE III**

CONTRACTOR SHALL NOT BEGIN PHASE III, STEP 1 PRIOR TO SEPTEMBER 15, 2018

NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 1 IN A SINGLE WORK PERIOD.

STEP 1: -- USING FLAGGERS, TIE IN NC 50/210 (-L1-), ROLAND AVE. (-Y1-) ATKINSON POINT RD. (-Y1A-) AND LITTLE KINSTON RD. (-Y2-) AND OPEN TO THE PATTERN DETAILED ON TMP-9.

STEP 2: -- USING FLAGGERS AS NECESSARY, CONSTRUCT -RA1-, INCLUDING THE FINAL LAYER OF SURFACE COURSE, AND MONOLITHIC CONCRETE ISLANDS FROM -L1- STA. 15+00 +/- TO -L2- STA. 18+50 +/- AND FROM -Y1- STA. 10+50 +/- TO -Y2- STA. 10+90 +/- AS SHOWN ON TMP-9 AND INSTALL TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN. (SEE PM PLAN)

STEP 3: -- COMPLETE BRIDGE AS BEGUN IN PHASE I AND INSTALL TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN. (SEE TMP-12 AND 14 AND PM PLAN)

IF THE WORK OF PHASE III, STEP 4 IS PERFORMED BETWEEN OCTOBER 15 AND APRIL 15, THE CONTRACTOR SHALL CLOSE S. TOPSAIL DR. FOR 14 CONSECUTIVE CALENDAR DAYS TO COMPLETE THE WORK OF STEP 4. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

IF THE WORK OF PHASE III, STEP 4 IS PERFORMED BETWEEN APRIL 16 AND OCTOBER 14, THE CONTRACTOR SHALL CLOSE S. TOPSAIL DR. S. TOPSAIL DR. NIGHTLY FROM 9:00 PM TO 6:00 AM THE FOLLOWING MORNING, MONDAY THRU THURSDAY. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 4: -- USING THE OFF-SITE DETOUR DETAILED ON TMP-11, CLOSE S. TOPSAIL DR. TO TRAFFIC.

-- TIE IN S. TOPSAIL DR. (-Y4-) WITH -RA2- FROM -Y4- STA. 14+35 +/- TO STA. 15+57 +/- INCLUDING DRAINAGE, CURB & GUTTER, CONCRETE ISLANDS AND PAVING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-10).

-- INSTALL TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN AND OPEN -RA2- TO TRAFFIC WITH THE LEG TO THE BRIDGE CLOSED WITH TYPE III BARRICADES AND DRUMS.

NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK OF STEP 5 IN A SINGLE WORK PERIOD.

STEP 5: -- USE FLAGGERS TO WEDGE TEMPORARY CONNECTIONS FROM NC 50-210 TO -RA1-, PLACE TEMPORARY PAVEMENT MARKINGS AND OPEN -RA1-, PROPOSED BRIDGE, AND -RA2- TO TRAFFIC. (SEE TMP-12 AND 14)

STEP 6: -- USE FLAGGERS TO COMPLETE DRAINAGE AND CURB AND GUTTER AT -RA1-. (SEE TMP-12)

-- CLOSE THE EB DIRECTION OF ROLAND AVE. AT -Y1- STA. 21+63 +/- . (SEE TMP-13)

**PHASE III CONTINUED**

STEP 7: -- DEACTIVATE EXISTING SIGNAL AT TOPSAIL DR. AND ROLAND AVE.

-- MAINTAIN 1 LANE WB (LOCAL TRAFFIC) ON ROLAND AVE. (-Y1-) FROM THE NEW RIVER DR./-RA2- INTERSECTION HEADING WB. (SEE TMP-13 AND 14)

-- MAINTAIN 1 LANE WB ON ROLAND AVE. (-Y1-) FROM THE TOPSAIL DR. INTERSECTION HEADING TO THE RIGHT TURN ONLY TO NEW RIVER DR. HEADING NB. (SEE TMP-14)

CONSTRUCT THE CURB AND GUTTER ADJACENT TO THE EB LANE OF ROLAND AVE. FROM -Y1- STA. 35+80 +/- TO STA. 47+60 AND FROM -Y1- STA. 49+20 +/- TO -Y5- STA. 12+95 +/- . (SEE TMP-13 AND 14)

-- PAVE THE EB LANE OF ROLAND AVE. FROM -Y1- STA. 35+80 +/- TO STA. 50+92 +/- -UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-13 AND 14)

STEP 8: -- MAINTAIN 1 LANE WB (LOCAL TRAFFIC) ON ROLAND AVE. (Y1-) IN THE EB LANE FROM THE NEW RIVER DR./-RA2- INTERSECTION HEADING WB.

-- MAINTAIN 1 LANE WB ON ROLAND AVE. (-Y1-) IN THE EB LANE FROM THE TOPSAIL DR. INTERSECTION HEADING TO THE RIGHT TURN ONLY TO NEW RIVER DR. HEADING NB.

-- PAVE THE WB LANE OF ROLAND AVE. (-Y1-) FROM -Y1- STA. 35+80 +/- TO STA. 50+92 +/- -UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

-- USING FLAGGERS, CONSTRUCT THE CONCRETE ISLAND ON NEW RIVER DR. (SEE TMP-14)

STEP 9: -- OPEN ROLAND AVENUE TO THE FINAL 2L2W TRAFFIC PATTERN WITH TYPE III BARRICADES PLACED TO CLOSE IT IN ADVANCE OF BOTH PROPOSED CUL DE SAKS.

-- TRAFFIC IS NOW IN THE FINAL PATTERN.

**PHASE IV**

STEP 1: -- AWAY FROM TRAFFIC CONSTRUCT PROPOSED CUL DE SACS AND COMPLETE SIDEWALKS.

-- USE FLAGGERS TO REMOVE EXISTING ASPHALT PAVEMENT.

STEP 2: -- AWAY FROM TRAFFIC, REMOVE EXISTING SWING BRIDGE AND WORK BRIDGE.

STEP 3: -- USING FLAGGERS, PLACE FINAL LAYER OF SURFACE COURSE AND PAVEMENT MARKINGS/MARKERS THROUGHOUT THE PROJECT LIMITS.

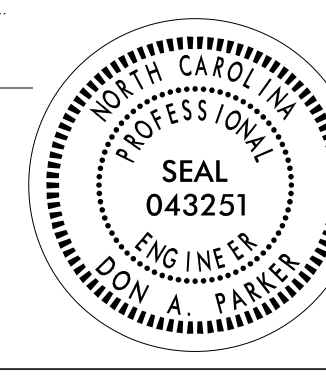
STEP 4: -- REMOVE ALL TRAFFIC CONTROL DEVICES.

SEE PROJECT SPECIAL PROVISIONS

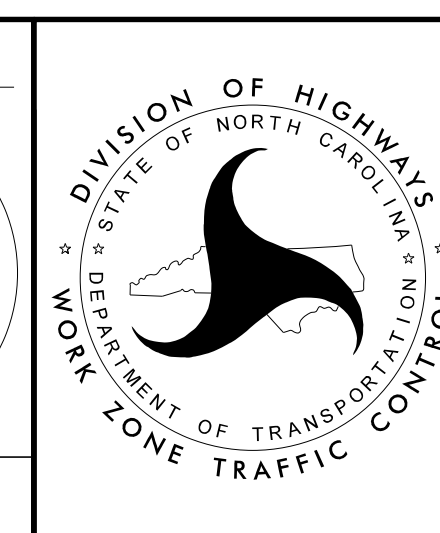
SEE PROJECT SPECIAL PROVISIONS

APPROVED: Don A. Parker  
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DATE: 6/14/2016



**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



**TEMPORARY  
 TRAFFIC CONTROL  
 PHASING**