

PHASE III

WORK IN A CONTINUOUS MANNER TO COMPLETE THE FOLLOWING WORK OF STEP 1 THRU STEP 3:

STEP 1.
USING A COMBINATION OF ROADWAY STANDARD DRAWING NO. 1101.02, 3 OF 7, AND 1101.02 AND FLAGGERS, PLACE EXISTING NC 109 TRAFFIC IN A ONE LANE, TWO-WAY PATTERN ON THE NORTHBOUND LANES AT THE BEGINNING OF THE PROJECT LIMITS.

STEP 2.
INSTALL TEMPORARY CONCRETE BARRIER AND CRASH CUSHION ON EXISTING NC 109 PAVEMENT FROM -L- STA. 22+80+/- TO STA. 24+47+/- AS SHOWN ON TCP-25 AND TCP-26. PLACE PAVEMENT MARKINGS (PAINT AND TAPE) AND PAVEMENT MARKERS AS MUCH AS POSSIBLE FOR THE TEMPORARY TWO-LANE, TWO-WAY TRAFFIC PATTERN.

MAINTAIN EXISTING DRIVEWAY ACCESS AT ALL TIMES AT -L- STA. 24+40+/- AS SHOWN ON TCP-26.

STEP 3.
OPEN NC 109 TO THE TEMPORARY TWO-LANE, TWO-WAY TRAFFIC PATTERN AS SHOWN ON TCP-25 AND TCP-26.

STEP 4.
CONSTRUCT PROPOSED LEFT SIDE WIDENING UP TO, BUT NOT INCLUDING, THE FINAL LAYER FROM -L- STA. 23+20+/- TO STA. 24+40+/- AS SHOWN ON TCP-26.

INSTALL AND COVER TEMPORARY TRAFFIC SIGNALS AT THE FOLLOWING LOCATIONS (SEE SIGNAL PLANS):

- Y9- (MIDWAY SCHOOL ROAD)
- Y11- (OLD GREENSBORO ROAD)

PLACE PAVEMENT MARKINGS AND PAVEMENT MARKERS AS MUCH AS POSSIBLE AWAY FROM TRAFFIC ON THE NEW -L- SOUTHBOUND LANES AND ON NEW -Y-, -Y1-, -Y10-, -Y10A-, -Y11-, AND -Y12DET- AS SHOWN ON TCP-27 THRU TCP-35.

USING ROADWAY STANDARD DRAWING NO. 1101.02 AND FLAGGERS, PLACE PAVEMENT MARKINGS AND PAVEMENT MARKERS (EXCLUDING PAVEMENT MARKING SYMBOLS) ON -Y9- (MIDWAY SCHOOL ROAD) AS SHOWN ON TCP-30. INSTALL "DIP" SIGNS (W8-2), AND DRUM OFF PROPOSED -Y9- LEFT TURN LANES AND OPEN THRU TRAFFIC TO A TWO-LANE, TWO-WAY PATTERN. ACTIVATE TEMPORARY SIGNAL IN A CAUTION OR FLASH MODE.

INSTALL TEMPORARY CONCRETE BARRIER AND CRASH CUSHIONS ON NEW -L- SOUTHBOUND LANES FROM STA. 73+70+/- TO STA. 76+50+/- AS SHOWN ON TCP-34 AND TCP-35.

WORK IN A CONTINUOUS MANNER TO COMPLETE THE FOLLOWING WORK OF STEP 5 THRU STEP 7 ON A WEEKEND FROM 9:00 PM FRIDAY UNTIL 6:00 AM THE FOLLOWING MONDAY(SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES):

STEP 5.
USING CHANGEABLE MESSAGE SIGNS AND ROADWAY STANDARD DRAWING NO. 1101.03 CLOSE EXISTING -Y11- (OLD GREENSBORO ROAD) AND PLACE TRAFFIC ON THE OFF-SITE DETOUR SHOWN ON TCP-36. DEACTIVATE THE EXISTING TRAFFIC SIGNAL AT THE OLD GREENSBORO ROAD INTERSECTION WITH NC 109. MAINTAIN TRAFFIC AT ALL TIMES AT THE EXISTING -Y13- (FRIENDSHIP LEDFORD ROAD) INTERSECTION.

CONSTRUCT -L- SOUTHBOUND LANES UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE AT THE FOLLOWING LOCATION:

STA. 73+30+/- TO STA. 73+50+/-

STEP 6.
USING A COMBINATION OF ROADWAY STANDARD DRAWING NO.'S 1101.02, 3 OF 7, AND 1101.02 AND FLAGGERS, PLACE EXISTING NC 109 TRAFFIC IN A ONE LANE, TWO-WAY PATTERN ON THE OUTSIDE NORTHBOUND LANE AT THE BEGINNING OF THE PROJECT LIMITS. REMOVE TEMPORARY CONCRETE BARRIER AND CRASH CUSHION FROM EXISTING NC 109 PAVEMENT FROM -L- STA. 22+80+/- TO STA. 24+47+/- . OBLITERATE EXISTING MARKINGS AND PLACE PAINT AND TAPE PAVEMENT MARKINGS AND MARKERS AS MUCH AS POSSIBLE FOR THE TEMPORARY TWO-LANE, TWO-WAY TRAFFIC PATTERN AS SHOWN ON TCP-27.

STEP 7.
RELOCATE/INSTALL -Y- LINE INTERSECTION STOP SIGNS (AS DIRECTED BY THE ENGINEER). SHIFT EXISTING NC 109 TRAFFIC ONTO THE NEW -L- SOUTHBOUND LANES IN A TWO-LANE, TWO-WAY PATTERN THROUGHOUT THE PROJECT LIMITS AS SHOWN ON TCP-27 THRU TCP-35. SIMULTANEOUSLY ACTIVATE TEMPORARY TRAFFIC SIGNALS AT -Y9- AND -Y11- .

PLACE TYPE III BARRICADES TO CLOSE EXISTING NC 109 TO TRAFFIC.

USING FLAGGERS, SHIFT -Y12- (W. LEXINGTON AVENUE) TRAFFIC TO THE TEMPORARY -Y12DET- ALIGNMENT AND PLACE TYPE III BARRICADES TO CLOSE EXISTING -Y12- AS SHOWN ON TCP-34 AND TCP-35.

REOPEN -Y11- (OLD GREENSBORO ROAD) TO TRAFFIC IN THE NEW ALIGNMENT WITH -L- AS SHOWN ON TCP-34.

STEP 8.
BEGIN CONSTRUCTION OF -L- RIGHT SIDE WIDENING UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE AT THE FOLLOWING LOCATION AS SHOWN ON TCP-27 AND TCP-28:

-L- STA. 23+20+/- TO STA. 24+80+/-

WORK IN A CONTINUOUS MANNER TO COMPLETE THE FOLLOWING WORK OF STEP 9 THRU STEP 13 IN SIXTY (60) CONSECUTIVE CALENDAR DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES):

STEP 9.
BEGIN GRADING, DRAINAGE, AND PAVING OF -L- NORTHBOUND LANES AND -Y12- UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE AT THE FOLLOWING LOCATIONS AS SHOWN ON TCP-33 AND TCP-34:

-L- STA. 70+27+/- TO STA. 75+20+/-
-Y12- STA. 10+20+/- TO STA. 11+40+/-

WORK IN A CONTINUOUS MANNER TO COMPLETE THE FOLLOWING WORK OF STEP 10 THRU STEP 12 IN TWENTY-EIGHT (28) CONSECUTIVE CALENDAR DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES):

STEP 10.
COMPLETE PROPOSED -L- NORTHBOUND LANES FROM STA. 74+80+/- TO STA. 75+20+/- AND -Y12- (W. LEXINGTON AVENUE) UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE FROM STA. 10+20+/- TO STA. 11+40+/- . PLACE PAVEMENT MARKINGS AND MARKERS AS MUCH AS POSSIBLE FOR THE FINAL PAINTED TRAFFIC PATTERN AS SHOWN ON TCP-35A.

WORK IN A CONTINUOUS MANNER TO COMPLETE THE FOLLOWING WORK OF STEP 10 AND STEP 12:

STEP 11.
USING FLAGGERS, PLACE THE TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF -Y11- AND -L- INTERSECTION IN A FLASH OR CAUTION MODE. PLACE REMAINING PAVEMENT MARKINGS, SYMBOLS, AND PAVEMENT MARKERS FOR THE TEMPORARY -L- AND -Y12- INTERSECTION PATTERN AS SHOWN ON TCP-35A.

STEP 12.
USING FLAGGERS, SHIFT -Y12DET- TRAFFIC TO THE NEW -Y12- ALIGNMENT AND ACTIVATE THE TEMPORARY TRAFFIC SIGNAL AS SHOWN ON TCP-35A.

PLACE TYPE III BARRICADES TO CLOSE -Y12DET- AND THE TEMPORARY ENTRANCE ON -L- AT STA. 76+70+/- .

STEP 13.
COMPLETE CONSTRUCTION OF -L- NORTHBOUND LANES FROM STA. 70+27+/- TO STA. 74+80+/- AS SHOWN ON TCP-35A.

STEP 14.
USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 7, COMPLETE -L- RIGHT SIDE WIDENING AT THE BEGINNING OF THE PROJECT LIMITS AT THE FOLLOWING LOCATION AND AS SHOWN ON TCP-28:

-L- STA. 23+20+/- TO STA. 24+80+/-

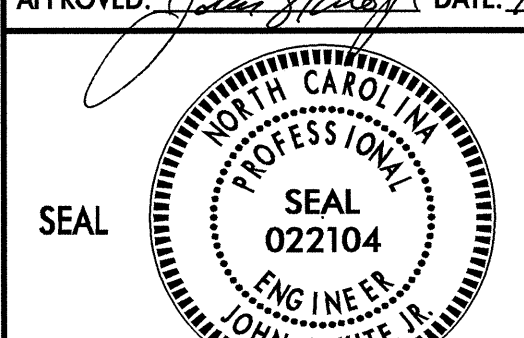
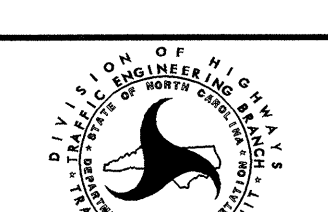
USING ROADWAY STANDARD DRAWING NO. 1101.02 AND FLAGGERS, CONSTRUCT -L- NORTHBOUND LANES AT THE FOLLOWING LOCATION AND AS SHOWN ON TCP-35A AND TCP-35B:

-L- STA.75+20+/- TO STA. 79+43+/- (END PROJECT LIMITS)

OBLITERATE TEMPORARY -Y12DET- AS SHOWN ON THE CONSTRUCTION PLANS AND TCP-35A.

STEP 15.
WITH NC 109 TRAFFIC OPERATING ON THE SOUTHBOUND LANES IN A TWO-WAY, TWO-WAY PATTERN, PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS AND PAVEMENT MARKERS AS MUCH AS POSSIBLE ON THE -L- NORTHBOUND LANES FOR THE FINAL TRAFFIC PATTERN THROUGHOUT THE PROJECT LIMITS AS SHOWN ON THE PAVEMENT MARKING PLANS. INSTALL PERMANENT SIGNING AS REQUIRED ON -L- NORTHBOUND LANES AS SHOWN ON THE SIGNING PLANS.

REMOVE PORTABLE CONCRETE BARRIER AND CRASH CUSHIONS FROM -L- AT ALL LOCATIONS PREVIOUSLY INSTALLED.

APPROVED: <i>John S. Kite II</i> DATE: 9/1/04 	<h2 style="margin: 0;">PHASE III</h2>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="font-size: small;">SCALE:</td> <td>NONE</td> </tr> <tr> <td style="font-size: small;">DATE:</td> <td>07/04</td> </tr> <tr> <td style="font-size: small;">DWG. BY:</td> <td>SJS</td> </tr> <tr> <td style="font-size: small;">DESIGN BY:</td> <td>SJS</td> </tr> <tr> <td style="font-size: small;">REVIEWED BY:</td> <td>CLM</td> </tr> </table>	SCALE:	NONE	DATE:	07/04	DWG. BY:	SJS	DESIGN BY:	SJS	REVIEWED BY:	CLM
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