

PROJ. REFERENCE NO.	SHEET NO.
U-5536	TMP-1D

## PHASING

### PHASE 3:

STEP 1: USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 2 OF 19)), CLOSE A MAXIMUM OF ONE LANE AT A TIME TO TRAFFIC TO CONSTRUCT THE FOLLOWING WIDENING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-14 AND TMP-15 FOR DETAILS);

- 1)-Y8- STA. 12+10± TO STA. 18+33±

USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 1 OF 19)) AND FLAGGERS (AS NEEDED), CONSTRUCT THE FOLLOWING WIDENING/WEDGING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-14 AND TMP-15 FOR DETAILS);

- 1)-L- STA. 58+30± TO STA. 68+12± (INCLUDING TEMPORARY PAVEMENT AND REMAINDER OF -RABT4-)
- 2)-Y8- STA. 15+15± TO -Y8- STA. 18+33±

THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGING, AS NEEDED, TO TIE PROPOSED CONSTRUCTION INTO EXISTING.

STEP 2: INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON SHEET TMP-16 PRIOR TO SHIFTING TRAFFIC ONTO NEWLY CONSTRUCTED ROADWAY SEGMENTS FROM PHASE 3-STEP 1. USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 2 OF 19)), CLOSE A MAXIMUM OF ONE LANE AT A TIME TO TRAFFIC TO CONSTRUCT THE FOLLOWING WIDENING/WEDGING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-16 FOR DETAILS);

- 1)-Y8- STA. 12+10± TO STA. 15+15±
- 2)-Y1B- CONNECTION TO -Y8- UP TO STA. 10+97±

THE CONTRACTOR SHALL PROVIDE ASPHALT WEDGING, AS NEEDED, TO TIE PROPOSED CONSTRUCTION INTO EXISTING.

STEP 3: SHIFT TRAFFIC ON GREAT WAGON ROAD TO FINAL TRAFFIC PATTERN ON -L-. USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 1 OF 19)) AND FLAGGERS (AS NEEDED), CONSTRUCT THE FOLLOWING WEDGING AND WIDENING LOCATIONS INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES (SEE TMP-17 THRU TMP-18 FOR DETAILS);

- 1) -L- STA. 68+59± TO -L- STA. 70+45±
- 2) -Y1B- STA. 10+97± TO -Y1B- STA. 16+13±

INSTALL TEMPORARY PAVEMENT MARKINGS IN FINAL TRAFFIC PATTERN AS SHOWN IN THE PAVEMENT MARKING PLANS FOR LOCATIONS 1 AND 2 SHOWN ABOVE PRIOR TO REOPENING LANES TO TRAFFIC.

### PHASE 4:

STEP 1: INSTALL DETOUR SIGNING AS SHOWN ON SHEET TMP-20, COVERING ALL DETOUR SIGNS UNTIL TRAFFIC IS READY TO BE SWITCHED OVER TO THE DETOUR.

USING NCDOT RSD 1101.03 (SHEET 1 & 2 OF 9) AND THE DETAIL ON SHEET TMP-19, CLOSE SR 1001 (SHALLOWFORD ROAD) TO WB TRAFFIC FROM -Y1A- STA. 11+35± TO -Y1A- STA. 16+00±, SHIFTING THE WB TRAFFIC ONTO THE OFF-SITE DETOUR AND UNCOVERING THE DETOUR SIGNS PREVIOUSLY INSTALLED.

ONCE THE OFF-SITE DETOUR IS IN PLACE, USE NCDOT RSD 1101.02 (SHEET 2 OF 14) TO CLOSE A MAXIMUM OF 2 LANES AT A TIME TO EB TRAFFIC ALONG SR 1001 (SHALLOWFORD ROAD) FROM -Y1A- STA. 11+35± TO -Y1A- STA. 16+00±, MAINTAINING A MINIMUM OF ONE LANE OPEN FOR EB TRAFFIC AT ALL TIMES. USING THE SAME DESIGN STANDARD, CLOSE A MAXIMUM OF ONE LANE AT A TIME TO TRAFFIC ALONG SR 1156 (LEWISVILLE CLEMMONS ROAD) FROM -Y5- STA. 11+37± TO -Y5- STA. 13+35±, MAINTAINING A MINIMUM OF ONE LANE OPEN IN EACH DIRECTION AT ALL TIMES, PROHIBITING LEFT TURNS SINCE -Y1A- IS CLOSED TO WB TRAFFIC. CONSTRUCT THE FOLLOWING INCLUDING ALL PROPOSED GRADING, DRAINAGE, PAVING, AND UTILITIES:

- 1) -Y1A- STA. 11+35± TO -Y1A- STA. 16+00±
- 2) -Y5- STA. 11+37± TO -Y5- STA. 13+35±

INSTALL TEMPORARY PAVEMENT MARKINGS IN FINAL TRAFFIC PATTERN AS SHOWN IN THE PAVEMENT MARKING PLANS FOR LOCATIONS 1 AND 2 SHOWN ABOVE PRIOR TO REOPENING LANES TO TRAFFIC.

### PHASE 5:

STEP 1: USING LANE CLOSURES (NCDOT RSD 1101.02 (SHEET 1 OF 19)) AND FLAGGERS (AS NEEDED), CONSTRUCT THE FOLLOWING SEWER LOCATIONS:

- 1) -SS2- STA. 10+00± TO -SS2- STA. 10+77±
- 2) -SS2- STA. 11+50± TO -SS2- STA. 13+50±

PERFORM PAVEMENT PATCHING AS CONSTRUCTION PROGRESSES AND REOPEN THE ROADWAY TO THE PROPOSED TRAFFIC PATTERN ONCE COMPLETE.

STEP 2: INSTALL DETOUR SIGNING AS SHOWN ON SHEET TMP-21, COVERING ALL DETOUR SIGNS UNTIL TRAFFIC IS READY TO BE SWITCHED OVER TO THE DETOUR.

USING NCDOT RSD 1101.03 (SHEET 1 & 2 OF 9), CLOSE SR 1001 (SHALLOWFORD ROAD) TO TRAFFIC FROM JUST NORTH OF THE DAVID MCKEE STREET INTERSECTION TO JUST SOUTH OF THE LEWISVILLE CLEMMONS ROAD INTERSECTION, SHIFTING TRAFFIC ONTO THE OFF-SITE DETOUR AND UNCOVERING THE DETOUR SIGNS PREVIOUSLY INSTALLED.

ONCE THE OFF-SITE DETOUR IS IN PLACE, CONSTRUCT THE PROPOSED SEWER CROSSING SR 1001 (SHALLOWFORD ROAD) AT THE FOLLOWING LOCATIONS:

- 1) -SS2- STA. 10+77± TO -SS2- STA. 11+50±

PERFORM PAVEMENT PATCHING AS CONSTRUCTION PROGRESSES AND REOPEN THE ROADWAY TO THE PROPOSED TRAFFIC PATTERN ONCE COMPLETE.

STEP 3: INSTALL DETOUR SIGNING AS SHOWN ON SHEET TMP-22, COVERING ALL DETOUR SIGNS UNTIL TRAFFIC IS READY TO BE SWITCHED OVER TO THE DETOUR.

USING NCDOT RSD 1101.03 (SHEET 1 & 2 OF 9), CLOSE SR 1001 (SHALLOWFORD ROAD) TO TRAFFIC AT THE CONRAD CIRCLE (-Y7-) INTERSECTION, SHIFTING TRAFFIC ONTO THE OFF-SITE DETOUR AND UNCOVERING THE DETOUR SIGNS PREVIOUSLY INSTALLED.

ONCE THE OFF-SITE DETOUR IS IN PLACE, CONSTRUCT THE PROPOSED WATER AND SEWER LINES CROSSING SR 1001 (SHALLOWFORD ROAD) AT THE FOLLOWING LOCATIONS:

- 1) -SS3- STA. 12+23± TO -SS3- STA. 12+65±
- 2) -WL6- STA. 13+25± TO -WL6- STA. 13+60±

PERFORM PAVEMENT PATCHING AS CONSTRUCTION PROGRESSES AND REOPEN THE ROADWAY TO THE PROPOSED TRAFFIC PATTERN ONCE COMPLETE.

STEP 4: USING NCDOT RSD 1101.04 (SHEET 1 OF 2), CLOSE THE CONRAD CIRCLE NB SHOULDER TO TRAFFIC FROM -SS3- STA. 10+00± TO STA. 12+23±.

CONSTRUCT THE PROPOSED SEWER LINE ALONG CONRAD CIRCLE AT THE FOLLOWING LOCATIONS:

- 1) -SS3- STA. 10.00± TO -SS3- STA. 12+23±.

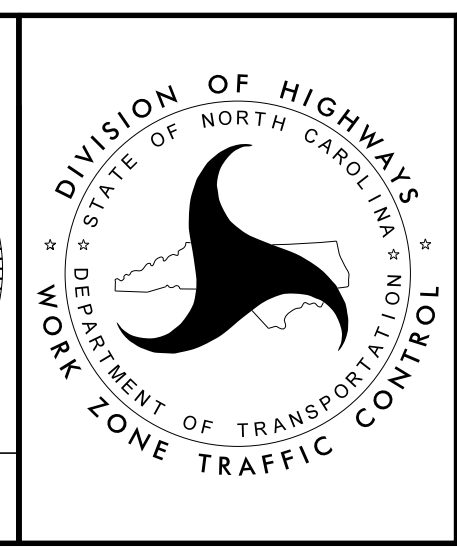
PERFORM PAVEMENT PATCHING AS CONSTRUCTION PROGRESSES AND REOPEN THE ROADWAY TO THE PROPOSED TRAFFIC PATTERN ONCE COMPLETE.

STEP 5: USING NCDOT RSD 1101.02 (SHEET 1 OF 19), AND FLAGGERS (AS NEEDED), PLACE THE FINAL LAYER OF ASPHALT PAVEMENT ON ALL ALIGNMENTS THROUGHOUT THE PROJECT LIMITS. AS THE PAVING OPERATION PROGRESSES, PLACE FINAL PAVEMENT MARKINGS ACCORDING TO THE PAVEMENT MARKING PLANS. OPEN LANES IN FINAL TRAFFIC PATTERN.

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APPROVED: *Aden M. Conrad*  
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