

# TEMPORARY TRAFFIC CONTROL PHASING

PROJ. REFERENCE NO. R-2707C	SHEET NO. TMP-3
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THIS PROJECT IS DIVIDED INTO THE CONSTRUCTION OF THE PROPOSED US 74 - SHELBY BYPASS (-L-) AND THE CONSTRUCTION OF SIX SITES AS FOLLOWS (SEE TMP-4):

- SITE 1 - STA. 21+75+/- -Y2- TO STA. 33+75+/- -Y2-  
STA. 385+15+/- -L- TO STA. 389+00+/- -L-
- SITE 2 - STA. 16+15+/- -Y3- TO STA. 27+25+/- -Y3-  
STA. 448+50+/- -L- TO STA. 451+00+/- -L-
- SITE 3 - STA. 15+02+/- -Y4-REV TO STA. 34+76+/- -Y4-REV  
STA. 12+00+/- -Y18- TO STA. 16+60+/- -Y18-  
STA. 471+00+/- -L- TO STA. 474+00+/- -L-
- SITE 4 - STA. 20+15+/- -Y5- TO STA. 20+75+/- -Y5-  
STA. 10+00+/- -Y6A- TO STA. 20+70+/- -Y6A-  
STA. 10+12+/- -DR3- TO STA. 11+33+/- -DR3-  
STA. 507+00+/- -L- TO STA. 513+00+/- -L-
- SITE 5 - STA. 24+12+/- -Y8- TO STA. 24+85+/- -Y8-  
STA. 33+00+/- -Y8A- TO STA. 35+97+/- -Y8A-  
STA. 10+24+/- -Y8-REV TO STA. 36+00+/- -Y8-REV  
STA. 11+06+/- -Y9DET- TO STA. 24+22+/- -Y9DET-  
STA. 10+70+/- -Y9- TO STA. 36+00+/- -Y9-  
STA. 19+45+/- -Y9RPA- TO STA. 20+94+/- -Y9RPA-  
STA. 18+60+/- -Y9RPB- TO STA. 20+00+/- -Y9RPB-  
STA. 14+77+/- -Y9RPC- TO STA. 16+27+/- -Y9RPC-  
STA. 2+55+/- -Y9RPD- TO STA. 8+50+/- -Y9RPD-  
STA. 14+90+/- -Y9RPD- TO STA. 16+29+/- -Y9RPD-  
STA. 528+75+/- -L- TO STA. 544+50+/- -L-
- SITE 6 - STA. 20+30+/- -Y10- TO STA. 20+72+/- -Y10-  
STA. 24+30+/- -Y10- TO STA. 24+72+/- -Y10-  
STA. 46+10+/- -Y11A- TO STA. 46+52+/- -Y11A-  
STA. 17+72+/- -Y11-REV2 TO STA. 69+85+/- -Y11-REV2  
STA. 12+50+/- -Y14- TO STA. 55+00+/- -Y14-  
STA. 14+79+/- -Y14RPA- TO STA. 15+71+/- -Y14RPA-  
STA. 13+02+/- -Y14RPB- TO STA. 13+61+/- -Y14RPB-  
STA. 11+45+/- -Y14RPC- TO STA. 12+37+/- -Y14RPC-  
STA. 12+00+/- -Y14RPD- TO STA. 17+45+/- -Y14RPD-  
STA. 25+75+/- -Y15- TO STA. 26+17+/- -Y15-  
STA. 13+75+/- -Y16A- TO STA. 15+00+/- -Y16A-  
STA. 10+00+/- -Y16-REV TO STA. 19+91+/- -Y16-REV  
STA. 11+05+/- -DR1- TO STA. 12+76+/- -DR1-  
STA. 10+60+/- -DR2- TO STA. 11+69+/- -DR2-  
STA. 10+18+/- -SR2- TO STA. 19+58+/- -SR2-  
STA. 592+20+/- -L- TO STA. 597+25+/- -L-  
STA. 610+85+/- -L- TO STA. 611+78+/- -L-

THE CONTRACTOR MAY WORK CONCURRENTLY ON PROPOSED US 74 (-L-) AND -Y- LINES. ALL SIX SITES MAY BE CONSTRUCTED INDEPENDENTLY.

NOTE: BEFORE BEGINNING CONSTRUCTION THE CONTRACTOR SHALL PLACE ADVANCE WORK ZONE WARNING SIGNS ALONG ALL -Y- LINES (SEE RSD 1101.01, SHEET 3 OF 3)

THE FOLLOWING NOTES ARE APPLICABLE FOR -L- AND ALL -Y- LINES.

- NOTE: CONTRACTOR SHALL CONSTRUCT ALL PAVEMENT (TEMPORARY AND/OR PROPOSED) TO MAINTAIN DRAINAGE AND NOT POND WATER IN THE TRAFFIC LANES.
  - NOTE: CONTRACTOR SHALL PLACE TRAFFIC BACK INTO THE EXISTING PATTERN AT THE END OF EACH WORK PERIOD.
  - NOTE: CONTRACTOR SHALL PLACE TYPE III BARRICADES & DRUMS AT ALL -Y- LINES AND DRUMS AT ALL DRIVEWAYS TO KEEP PROPOSED/TEMPORARY WIDENING CLOSED TO TRAFFIC.
  - NOTE: TEMPORARY PAVEMENT MAY BE UTILIZED IN THE CONSTRUCTION OF PROPOSED PAVEMENT AS DIRECTED BY THE ENGINEER.
  - NOTE: WHEN CONSTRUCTING DRAINAGE STRUCTURES ADJACENT TO TRAFFIC, INSTALL TEMPORARY STEEL PLATES, AS DIRECTED BY THE ENGINEER. MAY WORK EACH LOCATION INDEPENDENTLY OR CONCURRENTLY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. WORK IN A CONTINUOUS MANNER TO PERFORM THE WORK IN THE FOLLOWING SEQUENCE, IN STEPS 'A' THRU 'E'.
- A: CLOSE THE APPROPRIATE TRAVEL LANE TO TRAFFIC USING ROADWAY STANDARD DRAWING NO. 1101.02 SHEETS 1 & 2 OF 15.
  - B: CONSTRUCT PROPOSED STRUCTURE OR INSTALL PRE-CAST DRAINAGE STRUCTURE AS SHOWN IN THE CONSTRUCTION PLANS AND COVER WITH STEEL PLATES TO PROTECT STRUCTURE DURING CURING.
  - C: OPEN TRAVEL LANE TO EXISTING TRAFFIC PATTERN BY THE END OF EACH WORK PERIOD.
  - D: WHEN PROPERLY CURED, CLOSE THE APPROPRIATE TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEETS 1 & 2 OF 15. BACKFILL & PAVE, IF REQUIRED, UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT (SEE CONSTRUCTION PLANS).
  - E: OPEN TRAVEL LANE TO EXISTING TRAFFIC PATTERN BY THE END OF THE WORK PERIOD.

## CONSTRUCTION OF PROPOSED US 74 SHELBY BYPASS (-L-)

### PHASE I

STEP 1. AWAY FROM TRAFFIC, CONSTRUCT PROPOSED US 74 (-L-), (INCLUDING RAMPS, SHOULDERS, CURB AND GUTTER, DRAINAGE, CULVERTS, STRUCTURES, AND RETAINING WALLS), UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-5 THRU TMP-13):

- STA. 382+01+/- -L- TO STA. 385+15+/- -L-
- STA. 389+00+/- -L- TO STA. 448+50+/- -L-
- STA. 451+00+/- -L- TO STA. 471+00+/- -L-
- STA. 474+00+/- -L- TO STA. 507+00+/- -L-
- STA. 513+00+/- -L- TO STA. 528+75+/- -L-
- STA. 544+50+/- -L- TO STA. 592+20+/- -L-
- STA. 597+25+/- -L- TO STA. 610+85+/- -L-
- STA. 611+78+/- -L- TO STA. 635+00+/- -L-
- STA. 0+00+/- -Y9RPA- TO STA. 19+45+/- -Y9RPA-
- STA. 0+00+/- -Y9RPB- TO STA. 18+60+/- -Y9RPB-
- STA. 0+00+/- -Y9RPC- TO STA. 14+77+/- -Y9RPC-
- STA. 0+00+/- -Y9RPD- TO STA. 2+55+/- -Y9RPD-
- STA. 8+50+/- -Y9RPD- TO STA. 14+90+/- -Y9RPD-
- STA. 0+00+/- -Y14RPA- TO STA. 14+79+/- -Y14RPA-
- STA. 0+00+/- -Y14RPB- TO STA. 13+02+/- -Y14RPB-
- STA. 0+00+/- -Y14RPC- TO STA. 11+45+/- -Y14RPC-
- STA. 0+00+/- -Y14RPD- TO STA. 12+00+/- -Y14RPD-

## CONSTRUCTION OF PROPOSED SITE 1

### ICT - 270 DAYS

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEPS 1 THRU 3 IN 270 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

### PHASE I

STEP 1. USING RSD 1101.03 (SHEET 1 OF 9) AND TMP-14, CLOSE SR 1850 (METCALF ROAD) FROM STA. 21+75+/- -Y2- TO STA. 33+75+/- -Y2--.

STEP 2. AWAY FROM TRAFFIC, REMOVE EXISTING BRIDGE. CONSTRUCT NEW BRIDGE AND ROADWAY APPROACHES, DRAINAGE, GUARDRAIL, AND PAVE UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS):

- STA. 21+75+/- -Y2- TO STA. 33+75+/- -Y2-
- AWAY FROM TRAFFIC, CONSTRUCT -L- LINE, INCLUDING DRAINAGE, UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-15):
- STA. 386+55+/- -L- TO STA. 389+00+/- -L-
- AWAY FROM TRAFFIC, CONSTRUCT -DR4-, UP TO ABC BASE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-15):
- STA. 10+11+/- -DR4- TO STA. 17+26+/- -DR4-
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).

STEP 3. REMOVE ALL TYPE III BARRICADES AND DETOUR SIGNING. REOPEN SR 1850 (METCALF ROAD) TO A 2-LANE, 2-WAY TRAFFIC PATTERN.

## CONSTRUCTION OF PROPOSED SITE 2

### ICT - 270 DAYS

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEPS 1 THRU 3 IN 270 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

### PHASE I

STEP 1. USING RSD 1101.03 (SHEET 1 OF 9) AND TMP-16, CLOSE SR 1005 (NORTH LAFAYETTE STREET) FROM STA. 16+15+/- -Y3- TO STA. 27+25+/- -Y3--.

STEP 2. AWAY FROM TRAFFIC, REMOVE EXISTING BRIDGE. CONSTRUCT NEW BRIDGE AND ROADWAY APPROACHES, DRAINAGE, GUARDRAIL, AND PAVE UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS):

- STA. 16+15+/- -Y3- TO STA. 27+25+/- -Y3-
- AWAY FROM TRAFFIC, CONSTRUCT -L- LINE, INCLUDING DRAINAGE, UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-17):
- STA. 448+50+/- -L- TO STA. 451+00+/- -L-
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).

STEP 3. REMOVE ALL TYPE III BARRICADES AND DETOUR SIGNING. REOPEN SR 1005 (NORTH LAFAYETTE ST.) TO A 2-LANE, 2-WAY TRAFFIC PATTERN.

## CONSTRUCTION OF PROPOSED SITE 3

### PHASE I

STEP 1. AWAY FROM TRAFFIC, CONSTRUCT -Y4-REV AND -Y18-, INCLUDING NEW BRIDGE AND ROADWAY APPROACHES, DRAINAGE, GUARDRAIL, AND PAVE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-18):

- STA. 19+50+/- -Y4-REV TO STA. 30+50+/- -Y4-REV
- STA. 13+89+/- -Y18- TO STA. 15+64+/- -Y18-
- USING RSD 1101.02 (SHEET 1 OF 15), WIDEN -Y4-REV AND -Y18-, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-18):
- STA. 15+02+/- -Y4-REV TO STA. 19+50+/- -Y4-REV
- STA. 30+50+/- -Y4-REV TO STA. 34+76+/- -Y4-REV
- STA. 12+32+/- -Y18- TO STA. 13+89+/- -Y18-
- STA. 15+64+/- -Y18- TO STA. 15+85+/- -Y18-
- STA. 16+05+/- -Y18- TO STA. 16+25+/- -Y18-
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.

### PHASE II

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

STEP 1. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-19):

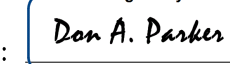
- STA. 15+02+/- -Y4-REV TO STA. 19+50+/- -Y4-REV
- STA. 30+50+/- -Y4-REV TO STA. 34+76+/- -Y4-REV
- STA. 12+00+/- -Y18- TO STA. 13+89+/- -Y18-
- STA. 15+64+/- -Y18- TO STA. 16+25+/- -Y18-
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-19):
- STA. 15+02+/- -Y4-REV TO STA. 34+76+/- -Y4-REV
- SHIFT TRAFFIC FROM A TWO-LANE, TWO WAY PATTERN (McBRAYER SPRINGS RD.) TO A NEW TWO-LANE, TWO WAY TRAFFIC PATTERN ON -Y4-REV.

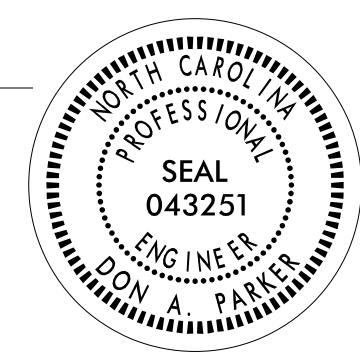
STEP 2. AWAY FROM TRAFFIC, CONSTRUCT -L- LINE, INCLUDING DRAINAGE, UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-20):

- STA. 471+00+/- -L- TO STA. 474+00+/- -L-
- REMOVE PAVEMENT AS SHOWN ON TMP-19.
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.

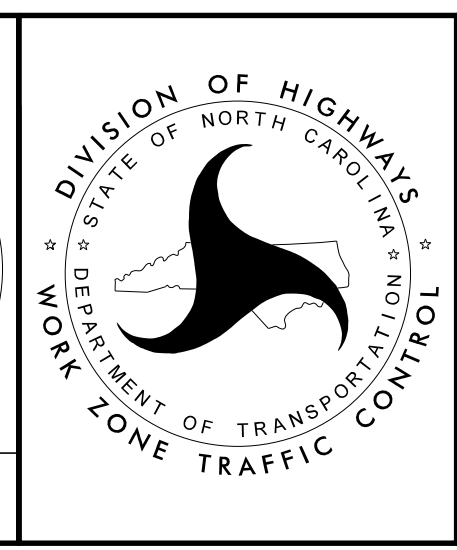
STEP 3. USING RSD 1101.02 (SHEET 1 OF 15), PAVE THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:

- STA. 15+02+/- -Y4-REV TO STA. 34+76+/- -Y4-REV
- STA. 12+00+/- -Y18- TO STA. 16+60+/- -Y18-
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).
- REMOVE ALL TRAFFIC CONTROL DEVICES FROM SITE 3.

APPROVED:   
DATE: 2/16/2017



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



# TEMPORARY TRAFFIC CONTROL PHASING

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