

TEMPORARY TRAFFIC CONTROL PHASING

THIS PROJECT CONSISTS OF WIDENING EXISTING US 221/NC 194 (-L-), INCLUDING NEW CONSTRUCTION OF -Y27- (NC 194), WIDENING OF -Y27A- (BALDWIN RD./SR 1248), NEW CONSTRUCTION OF -Y27B- (EARNEST HOWELL RD./SR 1263), WIDENING OF -Y27C- (VERNON ROTEN RD./SR 1272), NEW CONSTRUCTION OF -Y28- (CLARENCE LYALL RD./SR 1143), WIDENING OF -Y29- (CLARENCE LYALL RD./SR 1143), WIDENING OF -DRV1-, WIDENING OF -Y30- (MULATTO MOUNTAIN RD./SR 1145), WIDENING OF -Y31- (NETTLE KNOB RD./SR 1147), WIDENING OF -Y32- (JEFFERSON AVENUE/ US 221 BUS./NC 194), AND NEW CONSTRUCTION OF -Y32- (NC 163).

THE CONTRACTOR SHALL WORK SIMULTANEOUSLY ON PROPOSED US 221/NC 194 (-L-) AND PROPOSED -Y- LINES.

NOTE: BEFORE BEGINNING CONSTRUCTION THE CONTRACTOR SHALL:
PLACE ADVANCE WORK ZONE WARNING SIGNS ALONG EXISTING US 221/NC 194 (-L-) AND ALL -Y- LINES (SEE RSD 1101.01, SHEET 3 OF 3).

CONSTRUCTION OF PROPOSED US 221/NC 194 (-L-) AND PROPOSED -Y- LINES

PHASE I

THE FOLLOWING NOTES ARE APPLICABLE FOR PHASE I.

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, UNLESS OTHERWISE DIRECTED BY THE TMP OR THE ENGINEER.

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 DIRECT 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.

STEP 1: CONTRACTOR, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 & 2 OF 15.

IF TRENCHLESS INSTALLATION OF PROPOSED DRAINAGE UNDER EXISTING US 221 (-L-) IS USED, INSTALL AS DIRECTED BY THE ENGINEER (SEE CONSTRUCTION PLANS).

SHALL CONSTRUCT PROPOSED WIDENING OF US 221 (-L-), (INCLUDING PROPOSED SHOULDERS, PROPOSED CURB & GUTTER, PROPOSED DRAINAGE, PROPOSED GUARDRAIL, SHORING, AND TEMPORARY PAVEMENT) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE TMP-5 THRU TMP-21, AND CONSTRUCTION PLANS):

- STA. 10+09+/- -DRV2- TO STA. 11+04+/- -DRV2- (LEFT)
- STA. 460+50+/- -L- TO STA. 474+71+/- -L- (LEFT)
- STA. 479+00+/- -L- TO STA. 510+52+/- -L- (LEFT)
- STA. 517+25+/- -L- TO STA. 546+00+/- -L- (LEFT)
- STA. 553+50+/- -L- TO STA. 568+00+/- -L- (RIGHT)
- STA. 571+78+/- -L- TO STA. 594+50+/- -L- (LEFT)
- STA. 604+63+/- -L- TO STA. 624+80+/- -L- (RIGHT)
- STA. 626+54+/- -L- TO STA. 648+75+/- -L- (RIGHT)
- STA. 650+80+/- -L- TO STA. 659+50+/- -L- (RIGHT)
- STA. 672+10+/- -L- TO STA. 676+29+/- -L- (RIGHT)

SHALL CONSTRUCT PROPOSED WIDENING OF US 221 (-L-), (INCLUDING PROPOSED SHOULDERS, PROPOSED CURB & GUTTER, PROPOSED DRAINAGE, PROPOSED GUARDRAIL, SHORING, AND TEMPORARY PAVEMENT) UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE TMP-5 THRU TMP-21, AND CONSTRUCTION PLANS):

- STA. 14+00+/- -TIE- TO STA. 19+00+/- -TIE- (RIGHT)
- STA. 453+06+/- -L- TO STA. 460+50+/- -L- (LEFT)
- STA. 474+71+/- -L- TO STA. 475+79+/- -L- (LEFT)
- STA. 476+57+/- -L- TO STA. 479+00+/- -L- (LEFT)
- STA. 11+80+/- -Y27C- TO STA. 477+71+/- -L- (RIGHT)
- STA. 510+52+/- -L- TO STA. 16+15+/- -Y28- (LEFT)
- STA. 512+88+/- -L- TO STA. 517+25+/- -L- (LEFT)
- STA. 11+88+/- -Y29- TO STA. 515+09+/- -L- (RIGHT)
- STA. 547+90+/- -L- TO STA. 552+75+/- -L- (LEFT)
- STA. 552+50+/- -L- TO STA. 553+50+/- -L- (RIGHT)
- STA. 567+00+/- -L- TO STA. 571+78+/- -L- (LEFT)
- STA. 568+00+/- -L- TO STA. 573+85+/- -L- (RIGHT)
- STA. 597+00+/- -L- TO STA. 604+63+/- -L- (RIGHT)
- STA. 594+50+/- -L- TO STA. 607+00+/- -L- (LEFT)
- STA. 624+80+/- -L- TO STA. 10+87+/- -Y30- (RIGHT)
- STA. 11+00+/- -Y30- TO STA. 626+54+/- -L- (RIGHT)
- STA. 648+75+/- -L- TO STA. 11+65+/- -Y31- (RIGHT)
- STA. 11+65+/- -Y31- TO STA. 650+80+/- -L- (RIGHT)
- STA. 659+50+/- -L- TO STA. 22+51+/- -Y32- (RIGHT)
- STA. 658+00+/- -L- TO STA. 16+30+/- -Y32- (LEFT)
- STA. 16+30+/- -Y32- TO STA. 675+50+/- -L- (LEFT)
- STA. 22+51+/- -Y32- TO STA. 672+10+/- -L- (RIGHT)
- STA. 676+29+/- -L- TO STA. 679+90+/- -L- (RIGHT)
- STA. 27+00+/- -Y32- TO STA. 29+90+/- -Y32- (RIGHT)
- STA. 27+00+/- -Y32- TO STA. 29+90+/- -Y32- (LEFT)

SHALL CONSTRUCT THE FOLLOWING PROPOSED WIDENING OF -Y- LINES AND ENTRANCE DRIVES (INCLUDING PROPOSED SHOULDERS, PROPOSED CURB & GUTTER, AND PROPOSED DRAINAGE) UP TO EXISTING EDGE OF PAVEMENT ELEVATION (SEE TMP-5, TMP-6, TMP-9, AND CONSTRUCTION PLANS):

- -Y27- (NC 194)
- -Y27A- (BALDWIN ROAD/SR 1248)
- -Y27B- (EARNEST HOWELL ROAD/SR 1263)
- -Y27C- (VERNON ROTEN ROAD/SR 1272)
- -Y28- (CLARENCE LYALL ROAD/SR 1143)
- -Y29- (CLARENCE LYALL ROAD/SR 1143)

SHALL CONSTRUCT THE FOLLOWING PROPOSED -Y- LINES AND ENTRANCE DRIVES THAT REQUIRE A FILL OR CUT SECTION OF EXISTING ROADWAY, AS DIRECTED BY THE ENGINEER, (INCLUDING PROPOSED SHOULDERS, PROPOSED CURB & GUTTER, AND PROPOSED DRAINAGE) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE BY PLACING AGGREGATE BASE COURSE, INCIDENTAL STONE, OR ASPHALT BASE COURSE & BINDER COURSE TO MAINTAIN ACCESS. PLACE TEMPORARY PAVEMENT MARKINGS AND OPEN TO TRAFFIC, (SEE TMP-17, TMP-18, AND CONSTRUCTION PLANS):

- -Y30- (MULATTO MOUNTAIN ROAD/SR 1145) (CUT)
- -Y31- (NETTLE KNOB ROAD/SR 1147) (FILL)

STEP 2: CONTRACTOR, USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 & 2 OF 15.

SHALL PAVE AND WEDGE -L- LINE AS NECESSARY FOR TEMPORARY TRAFFIC SHIFT AS SHOWN (SEE TMP-22 AND TMP-23):

- STA. 517+25+/- -L- TO STA. 522+00+/- -L-
- STA. 546+00+/- -L- TO STA. 552+64+/- -L-

PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS SHOWN (SEE TMP-22 AND TMP-23):

- STA. 517+25+/- -L- TO STA. 552+64+/- -L-

SHALL CONSTRUCT PROPOSED WIDENING OF US 221 (-L-), (INCLUDING PROPOSED SHOULDERS, PROPOSED DRAINAGE, AND TEMPORARY PAVEMENT) UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE TMP-23):

- STA. 545+50+/- -L- TO STA. 553+50+/- -L-

ICT - 28 DAYS

CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE THE FOLLOWING IN PHASE I, STEPS 3 THRU 5 IN 28 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS).

STEP 3: INSTALL ALL OFF-SITE DETOUR SIGNING (SEE TMP-24).

- USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 2 OF 9, CLOSE -Y27- (NC 194) FROM STA. 14+65+/- -Y27- TO STA. 18+95+/- -Y27- AND -Y27A- (BALDWIN RD./SR 1248) FROM STA. 10+00+/- -Y27A- TO STA. 10+50 -Y27A-.

STEP 4: CONSTRUCT PROPOSED -Y27-, -Y27A-, AND -Y27B-, (INCLUDING PROPOSED DRAINAGE AND PAVEMENT REMOVAL), UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE TMP-25):

- STA. 14+65 +/- -Y27- TO STA. 18+95+/- -Y27-
- STA. 10+00 +/- -Y27A- TO STA. 12+15+/- -Y27A-
- STA. 10+90 +/- -Y27B- TO STA. 12+93+/- -Y27B-
- STA. 474+71 +/- -L- TO STA. 479+00+/- -L-

- PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-25):

- STA. 14+65 +/- -Y27- TO STA. 18+95+/- -Y27-
- STA. 10+22 +/- -Y27A- TO STA. 12+15+/- -Y27A-

STEP 5: REMOVE ALL TYPE III BARRICADES AND DETOUR SIGNING. REOPEN -Y27- (NC 194), -Y27A- (BALDWIN RD./SR 1248), AND -Y27B- (HOWELL RD./SR 1263) TO A 2-LANE, 2-WAY TRAFFIC PATTERN.

ICT - 21 DAYS

CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE THE FOLLOWING IN PHASE I, STEPS 6 THRU 8 IN 21 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS).

STEP 6: INSTALL ALL OFF-SITE DETOUR SIGNING (SEE TMP-26).

- USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 2 OF 9, CLOSE -Y28- (CLARENCE LYALL RD./SR 1143) FROM STA. 16+15+/- -Y28- TO STA. 18+20+/- -Y28-.


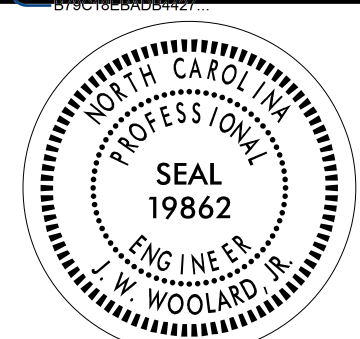
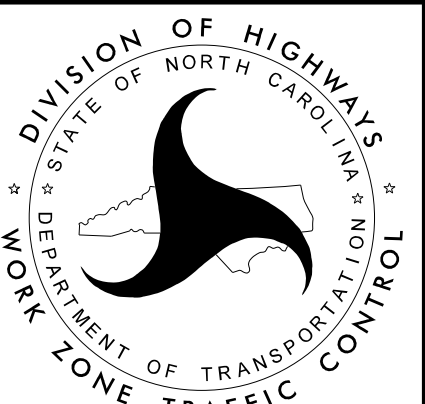
STEP 7: CONSTRUCT PROPOSED -Y28- AND -L-, (INCLUDING PROPOSED DRAINAGE), UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE TMP-27):

- STA. 16+15 +/- -Y28- TO STA. 18+95+/- -Y28-
- STA. 510+52 +/- -L- TO STA. 517+25+/- -L-

- PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-33):

- STA. 16+15 +/- -Y28- TO STA. 17+73+/- -Y28-

STEP 8: REMOVE ALL TYPE III BARRICADES AND DETOUR SIGNING. REOPEN -Y28- (CLARENCE LYALL RD./SR 1143) TO A 2-LANE, 2-WAY TRAFFIC PATTERN.

APPROVED:  DATE: 12/11/2014 		<h2 style="margin: 0;">TEMPORARY TRAFFIC CONTROL PHASING</h2>
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