

COORDINATE WITH THE CONTRACTOR ON ADJACENT PROJECT R-2915B WHEN SHIFTING TRAFFIC, USING FLAGGERS, LANE CLOSURES, AND SIGNING REQUIREMENTS AT THE END PROJECT LIMITS ON ALL CONSTRUCTION PHASES AND AS DIRECTED BY THE ENGINEER.

- UPON COMPLETION OF -SR2- CONSTRUCTION AND OPENING TRAFFIC TO A TWO-LANE, TWO-WAY PATTERN, CONTRACTOR MAY CONTINUE -L- (US 221) ROADWAY AND STRUCTURE WORK FROM US 421 TO -L- STA. 60+00+/- (SEE PHASE II - TMP-21 THRU TMP-26) UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

MAINTAIN EXISTING TRAFFIC SIGNAL AT US 221/US 421 DURING PHASE I CONSTRUCTION.

PHASE I

STEP 1) INSTALL ADVANCE WARNING SIGNS ON US 221, US 421, AND ALL -Y- LINES ACCORDING TO ROADWAY STANDARD DRAWING NO. 1101.01, SHEETS 2 AND 3 OF 3.

STEP 2) AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF PROPOSED -LPC- (INCLUDING PROPOSED BOX CULVERTS), -SR2-, -SR1-, AND -RPC- UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE (SEE TMP-4, TMP-5, TMP-17, TMP-18, AND TMP-19).

USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 15, AND FLAGGERS AS NECESSARY, BEGIN CONSTRUCTION UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE AT THE FOLLOWING:

- 5 FT. TEMPORARY PAVEMENT PAD -L- (US 221) NB STA. 15+50+/- TO -L- STA. 25+80+/- (SEE TMP-4 AND TMP-5).
- -L- (US 221) SB FROM -L- STA. 28+00+/- TO -L- 60+00+/- (SEE TMP-5 THRU TMP-8).
- -L- (US 221) NB FROM -L- STA. 60+00+/- TO -L- STA. 113+75+/- (INCLUDING -DR2-) WHILE MAINTAINING ACCESS TO -Y2-, -Y3-, AND -Y4- AT ALL TIMES (SEE TMP-8 THRU TMP-12).
- STAGE I OF PROPOSED BOX CULVERT ON -L- (US 221) USING TEMPORARY SHORING AS NEEDED (SEE TMP-8).
- -L- (US 221) SB FROM -L- SB STA. 113+75+/- TO -L- STA. 135+00+/- (INCLUDING -DR3-) (SEE TMP-12 THRU TMP-14).
- -L- (US 221) NB FROM -L- STA. 135+00+/- TO -L- STA. 138+50+/- AND -Y7- (STONE CREST DR.) (SEE TMP-14).
- -L- (US 221) NB FROM -L- STA. 141+00+/- TO -L- STA. 156+00+/- (INCLUDING TEMPORARY PAVEMENT) (SEE TMP-14 THRU TMP-16).
- -L- (US 221) NB FROM -L- STA. 158+10+/- TO -L- STA. 160+02+/- (INCLUDING TEMPORARY MEDIAN PAVEMENT) AND -Y9- (IDLEWILD RD.) AT THE -L- (US 221) TIE-IN TO -Y9- STA. 13+10+/- (SEE TMP-16).
- PROPOSED GUARDRAIL AND RETAINING WALL ON THE EXISTING -Y7- (STONE CREST DR.) DRIVEWAY (SEE TMP-15).

PHASE I, STEP 3 AND PHASE I, STEP 4 MAY BE COMPLETED CONCURRENTLY.

STEP 3) COMPLETE CONSTRUCTION AT THE FOLLOWING:

A. USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 15, PERFORM EXISTING OUTSIDE SHOULDER STRENGTHENING ON -Y1- (US 421) SB AND NB AS FOLLOWS:

- Y1- SB STA. 12+22+/- TO STA. 54+60+/-
- Y1- NB STA. 12+22+/- TO STA. 31+70+/-
- Y1- NB STA. 32+95+/- TO STA. 54+60+/-

B. USING ROADWAY STANDARD DRAWING NO. 1101.01, SHEET 1 OR 3 OF 15 AS NECESSARY AND TYPE III BARRICADES TO MAINTAIN TRAFFIC, COMPLETE CONSTRUCTION OF THE FOLLOWING:

- -DR5- (SEE TMP-19).
- PROPOSED DRIVE BETWEEN -Y1- (US 421) SB AND SR 1675 (DEEP GAP RD.) INCLUDING PROPOSED GUARDRAIL INSTALLATIONS (SEE TMP-19).

USING ROADWAY STANDARD DRAWING NO. 1101.01, SHEET 1 OR 3 OF 15 AS NECESSARY, INSTALL TEMPORARY PORTABLE CONCRETE BARRIER AND CRASH CUSHIONS AT THE FOLLOWING LOCATIONS:

- -L- (US 221) SB FROM -L- STA. 12+24+/- TO -L- STA. 14+20+/- (SEE TMP-4).
- -Y1- (US 421) NB OUTSIDE SHOULDER BEGINNING AT -Y1- STA. 37+90+/- AND ENDING AT -L- (US 221) RIGHT SIDE -L- STA. 13+40+/- (SEE TMP-4 AND TMP-19).
- -Y1- (US 421) SB OUTSIDE SHOULDER FROM -Y1- STA. 25+60+/- TO -Y1- STA. 35+35+/- (SEE TMP-4 AND TMP-18).

C. OPEN -DR5- AND DRIVE BETWEEN -Y1- (US 421) SB AND SR 1675 (DEEP GAP RD.) (SEE TMP-19). CLOSE DEEP GAP RD. TO THRU TRAFFIC (SEE TMP-4 AND TMP-18) AND COMPLETE THE FOLLOWING:

- CONSTRUCT PROPOSED TURN-AROUND ON DEEP GAP RD. (SEE TMP-18).
- BEHIND BARRIER, CONTINUE -RPC- AND -LPC- CONSTRUCTION UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE (SEE TMP-4).
- CONTINUE -SR2- CONSTRUCTION UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE WHILE MAINTAINING ACCESS TO EXISTING DRIVEWAYS.

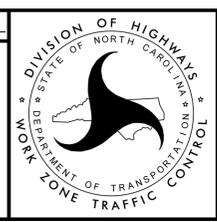
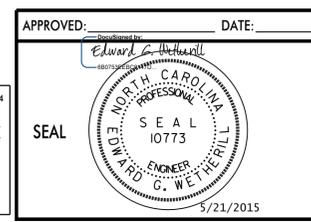
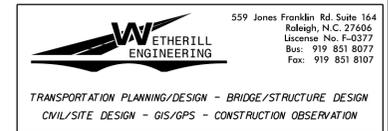
STEP 4) USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 15, AND WORKING IN A CONTINUOUS MANNER AT EACH LOCATION, GRADE AND CONSTRUCT UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE UNDER TRAFFIC USING ONE-LANE, TWO-WAY TEMPORARY PATTERNS DURING FLAGGING OPERATIONS, RESTORING TRAFFIC TO THE EXISTING PATTERN AT THE END OF EACH WORKDAY AT THE FOLLOWING:

- -Y2- SR 1360 (HEG GREEN ROAD) INCLUDING COMPLETION OF -L- (US 221) NB FROM -L- STA. 60+00+/- TO -L- STA. 64+00+/- (SEE TMP-8).
- -Y3- (GAP CREEK ROAD) INCLUDING COMPLETION OF -L- (US 221) NB FROM -L- STA. 79+74+/- TO -L- STA. 80+80+/- (SEE TMP-9).
- -Y4- SR 1171 (WEST PINE SWAMP ROAD) INCLUDING COMPLETION OF -L- (US 221) NB FROM -L- STA. 107+00+/- TO -L- STA. 108+20+/- (SEE TMP-12).
- -DR4- MAINTAIN ACCESS TO EXISTING US 221 AT ALL TIMES IN A MANNER APPROVED BY THE ENGINEER.

USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OR 3 OF 15, COMPLETE CONSTRUCTION UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE AT THE FOLLOWING:

- -SR1- (SEE TMP-17 AND TMP-18). PLACE TEMPORARY PAVEMENT MARKINGS AND OPEN TO TRAFFIC (SEE PHASE II, TMP-35 AND TMP-36).
- -SR2- (SEE TMP-4, TMP-5, AND TMP-19). PLACE TEMPORARY PAVEMENT MARKINGS AND OPEN TO TRAFFIC WHILE MAINTAINING ACCESS AT ALL TIMES (SEE PHASE II, TMP-22, TMP-23, TMP-37).
- 5 FT. TEMPORARY PAVEMENT PAD -L- (US 221) NB STA. 15+50+/- TO -L- STA. 25+80+/- (SEE TMP-4 AND TMP-5).
- -L- (US 21) SB FROM -L- STA. 28+00+/- TO -L- 60+00+/- (SEE TMP-5 THRU TMP-8).
- -L- (US 221) SB FROM -L- STA. 113+75+/- TO -L- STA. 135+00+/- (SEE TMP-12 THRU TMP-14).
- -L- (US 221) NB FROM -L- STA. 135+00+/- TO -L- STA. 138+50+/- AND -Y7- (STONE CREST DR.) INCLUDING TEMPORARY ACCESS WITH US 221 (SEE TMP-14).
- -DR3- (SEE TMP-31).
- PROPOSED GUARDRAIL AND RETAINING WALL ON THE EXISTING -Y7- (STONE CREST DR.) DRIVEWAY (SEE TMP-15).
- -L- (US 221) NB FROM -L- STA. 158+10+/- TO -L- STA. 160+02+/- (INCLUDING TEMPORARY MEDIAN PAVEMENT) AND -Y9- (IDLEWILD RD.) FROM THE -L- (US 221) TIE-IN TO -Y9- STA. 13+10+/- (SEE TMP-16).
- -DR2- (SEE TMP-12).

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**PHASE I
TEMPORARY TRAFFIC
CONTROL DETAIL**