

PHASING

PROJ. REFERENCE NO. R-2915C	SHEET NO. TMP-3
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NOTES:

REPLACE MARKINGS AND RETURN TRAFFIC TO THE CURRENT TRAFFIC PATTERN AT THE END OF EACH WORK PERIOD UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

MAINTAIN VEHICULAR ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE LIFE OF THE CONTRACT UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

COMPLETE ANY PROPOSED WIDENING &/OR TRANSITION GRADES IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE. THIS MAY REQUIRE A COMBINATION OF INSTALLATION OF PROPOSED PIPES, TEMPORARY PIPES, STEEL PLATES, AND TEMPORARY DITCHES.

PAVE PROPOSED CONSTRUCTION, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, IN ALL PHASES UNTIL STATED TO INSTALL FINAL LAYER IN THE PHASING.

THE TERM RSD DENOTES "ROADWAY STANDARD DRAWING".

PHASE I (SEE TMP-4 THRU TMP-6 FOR OVERVIEWS)

STEP 1: INSTALL WORK ZONE ADVANCE WARNING SIGNS ON -L- (US 221), -Y1REV-, -Y1A-, -Y4-, -Y6-, -Y7-, -Y12-, -Y13-, & -Y15- ACCORDING TO RSD 1101.01.

STEP 2: USING RSD 1101.02 (SHEET 1 OF 15), EXTEND EXISTING CROSS-DRAIN (264+00+/-) AND PLACE TEMPORARY WIDENING AND TEMPORARY GUARDRAIL ALONG -L- FROM STA 260+88+/- TO STA 264+90+/- AS SHOWN ON SHEET TMP-7. USE FLAGGERS AND TEMPORARY PAVEMENT TO SHIFT TRAFFIC AS NEEDED TO INSTALL PROPOSED DRAINAGE SYSTEM IN SECTIONS. RETURN TRAFFIC TO ORIGINAL PATTERN WHEN FLAGGERS ARE NOT PRESENT. (LN-4)
NOTE: TEMPORARY GUARDRAIL MAY BE REMOVED WHEN NO LONGER WARRANTED.

NOTE: REFER TO SHEETS TMP-7 THRU TMP-22 FOR STEP 3 DETAILS.

STEP 3: AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF THE FOLLOWING (LN-1):
 * -L- LT FROM STA 263+50+/- TO STA 273+00+/-
 * -L- RT FROM STA 267+00+/- TO STA 271+50+/-
 * -DRW2- FROM STA 11+50+/- TO STA 17+55+/-
 * -L- RT FROM STA 306+00+/- TO STA 326+00+/- INCL -DRW6REV-
 * -L- RT FROM STA 326+75+/- TO STA 352+00+/- INCL -DRW7-
 * -Y5- FROM -L- TO STA 11+50+/-
 * -L- RT FROM STA 353+70+/- TO STA 371+55+/- (LN-4)
 * -Y9REV- FROM -L- TO STA 14+00+/-
 * -L- LT FROM STA 376+50+/- TO STA 383+00+/- (LN-3)
 INCLUDING -DRW9-
 * -L- LT FROM STA 383+00+/- TO STA 385+50+/- AND -Y11- FROM STA 15+00+/- TO -L- INCLUDING TEMPORARY CONNECTOR FROM -Y11- TO EXISTING US 221
 * -L- LT FROM STA 396+00+/- TO STA 440+00+/-
 * -L- LT FROM STA 441+50+/- TO STA 444+00+/-
 * -L- LT FROM STA 448+00+/- TO STA 456+00+/-
 INCLUDING -DRW12-

USING RSD 1101.02 (SHEET 1 OF 15), BEGIN CONSTRUCTION OF THE FOLLOWING: (REFER TO SHEETS TMP-8 THRU TMP-10)
 * -L_DET- FROM STA 10+00+/- TO STA 49+85+/- (TEMPORARY PAVEMENT)
 * PROVIDE TEMPORARY DRIVE FOR -DRW2-
 * PROVIDE TEMPORARY DRIVE AT -L_DET- RT STA 23+00+/-
 * PROVIDE TEMPORARY DRIVE AT -L_DET- RT STA 24+00+/-
 * PROVIDE TEMPORARY DRIVE AT -L_DET- LT STA 33+00+/-

NOTE: STEPS 4 THRU 8 CAN BE COMPLETED IN ANY ORDER; HOWEVER, ONCE STARTED EACH STEP MUST BE COMPLETED BY WORKING IN A CONTINUOUS MANNER UNTIL TRAFFIC IS RETURNED TO A TWO-LANE TWO-WAY PATTERN.

NOTE: REFER TO SHEET TMP-12 FOR STEP 4 DETAIL.

STEP 4: USING FLAGGERS AND INCIDENTAL STONE, CONSTRUCT TEMPORARY DETOUR FOR -Y5- AND SHIFT TRAFFIC TO DETOUR TO INSTALL PROPOSED DRAINAGE. RETURN TRAFFIC TO ORIGINAL PATTERN. (LN-4.)

PHASE I (CONTINUED) (SEE TMP-4 THRU TMP-6 FOR OVERVIEWS)

NOTE: REFER TO SHEETS TMP-13 & TMP-14 FOR STEP 5 DETAIL.

STEP 5: USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING AND RETURN TRAFFIC TO ORIGINAL PATTERN.
 * WEDGE EXISTING -L- FROM STA 352+00+/- TO STA 354+00+/- TO PROPOSED ELEVATION AND PROVIDE TEMPORARY TRANSITION GRADE FROM EXISTING TO PROPOSED FROM STA 349+50+/- TO STA 352+00+/-
 * WEDGE AND WIDEN -Y7- FROM -L- TO STA 13+30+/- AND CONSTRUCT -L- RT FROM STA 352+00+/- TO STA 354+00+/-
 * CONSTRUCT TEMPORARY PAVEMENT (TEMPORARY CROSSOVER -L X01- USED IN PHASE II) FROM STA 349+50+/- TO STA 356+05+/-

NOTE: REFER TO SHEETS TMP-15, TMP-15A & TMP-16 FOR STEP 6 DETAILS.

STEP 6: COMPLETE STEPS 6A THRU 6D. (LN-9)

6A: USING RSD 1101.02 (SHEET 1 OF 15), INSTALL SHORING #1, CONSTRUCT TEMPORARY WIDENING AND PLACE TEMPORARY BARRIER (TIE TO EXISTING GUARDRAIL) ALONG -L- FROM STA 373+25+/- TO STA 375+00+/- AS SHOWN ON SHEET TMP-15. SHIFT TRAFFIC TO NEW PATTERN AND PLACE TEMPORARY PAVEMENT MARKINGS AND PCB FROM STA 373+69+/- TO STA 376+30+/- AS SHOWN ON SHEET TMP-15A. (LN-3)

6B: WITHOUT DISTURBING EXISTING SR 1178, INSTALL SHORING #2, EXPOSE AND REMOVE PORTION OF EXISTING TRIPLE BOX CULVERT. INSTALL ALUMINUM BOX CULVERT (ALBC). AWAY FROM TRAFFIC CONSTRUCT THE FOLLOWING:
 * -L- RT FROM STA 367+73+/- TO STA 374+46+/-
 * -L- RT FROM STA 374+46+/- TO STA 376+00+/- TEMPORARY PAVEMENT TRANSITIONING GRADE FROM PROPOSED TO EXISTING. SHORING #3 REQUIRED. REMOVE SHORING #2. (LN-8)

COMPLETE CONSTRUCTION OF -Y9REV- FROM -L- TO STA 14+00+/- (BEGUN IN PHASE I, STEP 3).

USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT THE FOLLOWING:
 * -L- MEDIAN FROM STA 368+00+/- TO STA 368+50+/- (TEMPORARY ACCESS)
 * -Y8REV- FROM STA 10+00+/- TO STA 12+50+/- AND TRANSITION GRADE FROM STA 12+50+/- TO EXISTING TRAVEL LANES (INCLUDING TRANSITION TO PROPOSED -L- FROM -Y8- TO STA 376+50+/-). (LN-3)

6C: USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT -Y9REV- FROM STA 14+00+/- TO STA 15+74+/- PLACE TEMPORARY PAVEMENT MARKING AND SHIFT TRAFFIC TO NEW PATTERN AS SHOWN ON SHEET TMP-15B.

6D: USING RSD 1101.02 (SHEET 1 OF 15) AS NEEDED, COMPLETE THE FOLLOWING:
 * INSTALL PCB WITH CRASH CUSHION ON TEMPORARY PATTERN FROM -L- STA 374+71+/- TO STA 380+18+/- AS SHOWN ON SHEETS TMP-35 & TMP-36. (LN-6)
 * REMOVE ABANDONED SR 1178, CONSTRUCT TEMPORARY WIDENING FROM -L- STA 376+00+/- TO STA 380+33+/- (SHORING #4 REQUIRED).

NOTE: REFER TO SHEET TMP-16 FOR STEP 7 DETAILS.

STEP 7: COMPLETE STEPS 7A THRU 7E.

7A. USING RSD 1101.02 (SHEET 1 OF 15) AND INCIDENTAL STONE AS NEEDED, CONSTRUCT -DRW11- AND -Y11- FROM STA 10+95+/- TO STA 12+00+/- CONSTRUCT TEMPORARY TIE TO EXISTING LAUREL RIDGE ROAD.

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 7B THRU PHASE I, STEP 7D IN SIXTY (60) CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

7B: SHIFT -Y11- TRAFFIC TO -DRW11- FOR TEMPORARY ACCESS.

7C: AWAY FROM TRAFFIC, INSTALL SHORING #5 AND CONSTRUCT -Y11- FROM STA 12+00+/- TO STA 15+00+/-.

7D: USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE CONSTRUCTION OF -L- FROM STA 383+08+/- TO STA 385+50+/- INCLUDING TEMPORARY TIE TO US 221 AND -Y11- FROM STA 15+00+/- TO -L-. PLACE TEMPORARY MARKING AS SHOWN IN PHASE II (TMP-36) AND SHIFT TRAFFIC TO -Y11-.

7E: COMPLETE -DRW11-.

PHASE I (CONTINUED) (SEE TMP-4 THRU TMP-6 FOR OVERVIEWS)

NOTE: REFER TO SHEET TMP-21 FOR STEP 8 DETAILS.

STEP 8: COMPLETE STEPS 8A THRU 8E.

8A: PLACE AND COVER OFF-SITE DETOUR SIGNS AS SHOWN ON SHEET TMP-2A.

USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT (FOR PCB) AND PCB AS SHOWN ON SHEET TMP-21. (LN-6)

8B: AWAY FROM TRAFFIC AND BEHIND BARRIER, INSTALL SHORING #6, PROPOSED SD-TBJB #1918, AND WITHOUT DISTURBING -Y15- BEGIN AS MUCH OF -L- AS POSSIBLE FROM STA 445+50+/- TO STA 448+00+/- AND -Y15 FROM STA 14+50+/- TO -L-.

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 8C THRU PHASE I, STEP 8E IN ONE WEEKEND FROM 10:00 PM FRIDAY TO 6:00 AM THE FOLLOWING MONDAY. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

8C: UNCOVER DETOUR SIGNS PLACED IN STEP 8A AND CLOSE -Y15- TO TRAFFIC AS SHOWN ON SHEET TMP-21.

8D: INSTALL PROPOSED DRAINAGE AND COMPLETE CONSTRUCTION OF THE FOLLOWING:
 * -Y15- FROM STA 12+00+/- TO -L- - FLAGGERS MAY BE NEEDED TO MAINTAIN DRIVEWAY ACCESS FROM -Y15- STA 12+00+/- TO STA 14+50+/-
 * -L- LT FROM STA 444+00+/- TO STA 448+00+/- & REMOVE SHORING #6

8E: USING RSD 1101.02 (SHEET 1 OF 15), REMOVE PCB, CONSTRUCT TEMPORARY TIE TO -Y15-, PLACE TEMPORARY PAVEMENT MARKING ON -L- & -Y15- AS SHOWN ON SHEET TMP-40 AND OPEN -Y15- TO TRAFFIC. COVER AND REMOVE DETOUR SIGNS.

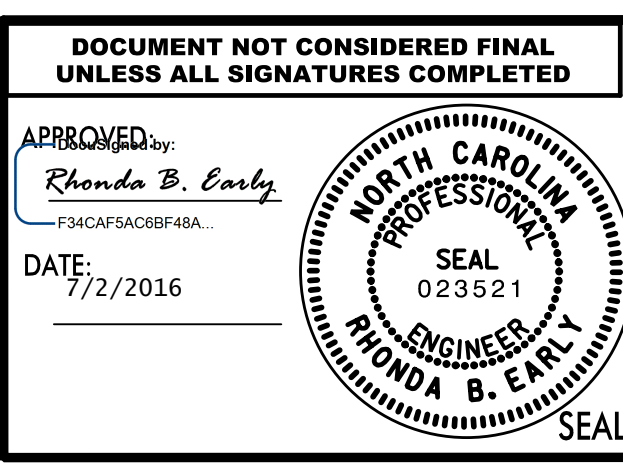
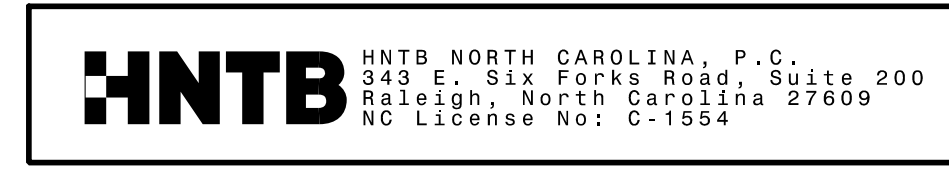
STEP 9: COMPLETE CONSTRUCTION OF -L_DET- AND -L- (RT) STA 353+70+/- TO STA 371+55+/- (BEGUN IN PHASE I, STEP 3). REFER TO SHEETS TMP-8 THRU TMP-10.

USING RSD 1101.02 (SHEET 1 OF 15) AS NEEDED, COMPLETE CONSTRUCTION OF -L- LT FROM STA 376+50+/- TO STA 383+00+/- INCLUDING -DRW9-.

STEP 10: USING RSD 1101.02 (SHEET 1 OF 15) AS NEEDED, COMPLETE CONSTRUCTION OF -L- LT FROM STA 376+50+/- TO STA 383+00+/- AND PLACE TEMPORARY PAVEMENT MARKING AS SHOWN ON SHEETS TMP-35 & TMP-36.

STEP 11: PLACE TEMPORARY PAVEMENT MARKING AS SHOWN IN PHASE II (SHEETS TMP-27 THRU TMP-41), INSTALL TEMPORARY GUARDRAIL AND BARRIER AS SHOWN AND SHIFT TRAFFIC TO PHASE II PATTERN. THEN, PLACE TEMPORARY PAVEMENT MARKING FOR -L- SBL PROVIDING -Y8- ACCESS TO -L- AT -Y11- AS SHOWN ON SHEETS TMP-35 & TMP-36. (LN-6)

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