

PHASING

PROJ. REFERENCE NO.	SHEET NO.
R-2915C	TMP-3A

PHASE II (SEE TMP-24 THRU TMP-26 FOR OVERVIEWS)

NOTE: REFER TO SHEET TMP-28 THRU TMP-37 FOR STEP 1 DETAILS.

STEP 1: AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF THE FOLLOWING:

- * -L- LT FROM STA 273+00+/- TO STA 285+50+/-
- * -L- RT FROM STA 287+00+/- TO STA 304+00+/- (SHORING #7 REQUIRED)
- * -L- LT FROM STA 352+23+/- TO STA 354+00+/- (WIDEN PVMT)
- * -L- LT FROM STA 354+00+/- TO STA 373+00+/-
- * -L- LT FROM STA 385+50+/- TO STA 396+00+/-

STEP 2: COMPLETE STEP 2A THRU STEP 2D.

2A: PLACE & COVER DETOUR SIGNING AS SHOWN ON SHEET TMP-2B.

COMPLETE THE REQUIREMENTS OF PHASE II, STEP 2B THRU PHASE II, STEP 2D IN TEN (10) CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

2B: USING ALTERNATE ROUTE, UNCOVER DETOUR SIGNS AND CLOSE -Y13- TO TRAFFIC AS SHOWN ON SHEET TMP-39.

2C: AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING (SEE TMP-39):

- * -Y13- FROM STA 10+50+/- TO -L-
- * -L- LT FROM STA 440+00+/- TO STA 441+50+/-

USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT TEMPORARY TIE FROM -Y13- TO EXISTING US 221 FROM -L- STA 440+00+/- TO STA 441+50+/- AS SHOWN ON SHEET TMP-39.

2D: PLACE TEMPORARY PAVEMENT MARKING AND OPEN -Y13- TO TRAFFIC. COVER AND REMOVE DETOUR SIGNING.

STEP 3: COMPLETE THE FOLLOWING BEGUN IN PHASE I, STEP 3 & PHASE II, STEP 1:

- * -L- LT FROM STA 263+50+/- TO STA 273+00+/- INCL -Y3- TIE
- * -L- LT FROM STA 273+00+/- TO STA 285+50+/-
- * -L- LT FROM STA 352+23+/- TO STA 354+00+/- (WIDEN PVMT)
- * -L- LT FROM STA 354+00+/- TO STA 373+00+/- INCL ACCESS AT 373+00+/-
- * -L- LT FROM STA 385+50+/- TO STA 396+00+/- (LN-11)
- * -L- LT FROM STA 396+00+/- TO STA 440+00+/- (LN-2)
- * -L- LT FROM STA 441+50+/- TO STA 444+00+/-
- * -L- LT FROM STA 448+00+/- TO STA 456+00+/- INCLUDING -DRW12-
- * -DRW2- FROM STA 11+50+/- TO STA 17+55+/-

STEP 4: AS MUCH AS POSSIBLE WITH OUT DISTURBING EXISTING TRAFFIC, PLACE TEMPORARY PAVEMENT MARKING ON -L- LT FOR PHASE III PATTERN. (SEE SHEETS TMP-46 THRU TMP-59.)

NOTE: REFER TO SHEETS TMP-35 & TMP-36 FOR STEP 5 DETAILS.

STEP 5: COMPLETE STEP 5A THRU STEP 5D. (LN-9)

5A: USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE -Y8REV- FROM STA 12+50+/- TO -L- AND -L- LT FROM STA 375+00+/- TO STA 376+50+/- (CONSTRUCTED TO INTERIM ELEVATION IN PHASE I, STEP 10). REPLACE TEMPORARY MARKINGS.

5B: REMOVE SHORING #1, REMOVE OUTSIDE PCB PLACED IN PHASE I, STEP 6A, INSTALL SHORING #9 & #10, PARTIALLY REMOVE EXISTING RCBC, AND CONSTRUCT PROPOSED DOWNSTREAM CULVERTS. (SEE TMP-35.)

5C: DIVERT WATER TO NEW BOX CULVERTS AND INSTALL TEMPORARY SHORING #11.

5D: AWAY FROM TRAFFIC, CONSTRUCT -L- LT FROM STA 373+00+/- TO STA 375+00+/- (SHORING #8 REQUIRED), RETAINING WALL, AND COMPLETE ENDWALL.

STEP 6: USING RSD 1101.02 (SHEET 1 OF 15) AND DRUMS TO SHIFT TRAFFIC AS NEEDED, PROVIDE TRANSITION GRADE FROM PROPOSED TO EXISTING IN THE FOLLOWING LOCATIONS:

- * -L- LT FROM STA 259+00+/- TO STA 263+50+/-
- * -L- LT FROM STA 285+50+/- TO -L_DET- STA 28+00+/-

USING RSD 1101.02 (SHEET 1 OF 15) AND DRUMS TO SHIFT TRAFFIC AS NEEDED, CONSTRUCT TEMPORARY PAVEMENT FROM -L- STA 454+00+/- TO STA 456+50+/- . (SEE SHEETS TMP-40 & TMP-41.)

USING RSD 1101.02 (SHEET 1 OF 15) AND DRUMS TO SHIFT TRAFFIC AS NEEDED, CONSTRUCT -L- LT FROM STA 456+00+/- TO STA 464+60+/- . NOTE: FROM STA 458+50+/- TO STA 461+00+/- MILLING WILL BE REQUIRED TO LEAVE PAVEMENT SURFACE 1.5" PROPOSED GRADE.

STEP 7: COMPLETE PLACEMENT OF TEMPORARY PAVEMENT MARKING AS SHOWN IN PHASE III (SHEETS TMP-46 THRU TMP-59), INSTALL GUARDRAIL & BARRIER AS MUCH AS POSSIBLE AWAY FROM TRAFFIC. USING TMA TO PROVIDE TEMPORARY BARRIER PROTECTION, REMOVE PCB FROM -L- RT STA 370+86+/- TO STA 374+00+/- AND SHIFT TRAFFIC TO PHASE III PATTERN. INSTALL TEMPORARY PAVEMENT MARKING FOR -Y9REV- PHASE III ALIGNMENT AND REMAINING BARRIER & GUARDRAIL. (LN-6)

PHASE III (SEE TMP-43 THRU TMP-45 FOR OVERVIEWS)

NOTE: REFER TO SHEETS TMP-46 THRU TMP-59 FOR PHASE III DETAILS.

STEP 1: AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF THE FOLLOWING:

- * -L- RT FROM STA 259+25+/- TO STA 266+00+/-
- * -L- RT FROM STA 271+50+/- TO STA 287+00+/- (LN-5)
- * -L- RT FROM STA 376+00+/- TO STA 383+08+/- (LN-12)
- * -L- RT FROM STA 358+10+/- TO STA 362+60+/-
- * -L- RT FROM STA 384+00+/- TO STA 405+00+/-
- * -L- RT FROM STA 406+00+/- TO STA 441+00+/- INCLUDING -DRW13-
- * -L- RT FROM STA 442+00+/- TO STA 453+00+/-

NOTE: REFER TO SHEET TMP-52 FOR STEP 2 DETAILS.

STEP 2: COMPLETE STEPS 2A THRU 2B (REFER TO SHEET TMP-52.) (LN-9)

2A: INSTALL SHORING #12, DIVERT WATER AS NEEDED, AND REMOVE TEMPORARY ALBC AND REMAINDER OF EXISTING TRIPLE BOX CULVERT AT -L- STA 375+00+/- . REMOVE SHORING #9, #10 & #11.

2B: DIVERTING WATER AS NEEDED, CONSTRUCT REMAINDER OF PROPOSED BOX CULVERTS AT STA 375+00+/- . REMOVE SHORING #8 & #12 AND CONSTRUCT -L- RT FROM STA 374+09+/- TO STA 376+00+/- . REMOVE ANY REMAINING TEMPORARY PAVEMENT FROM PHASE I, STEP 6B.

STEP 3: USING RSD 1101.02 (SHEET 1 OF 15) AS NEEDED, CONSTRUCT THE FOLLOWING (LN-2):

- * -Y3- FROM -L- TO STA 13+45+/- INCL -L- (RT) FROM STA 266+00+/- TO STA 267+00+/- (SEE TMP-47)
- * -Y6- FROM STA 14+00+/- TO -L- (WEDGE -L- LT AS NEEDED TO PROVIDE SMOOTH TIE) (SEE TMP-50)
- * -Y10- FROM -L- TO STA 11+05+/- INCLUDING -L- RT FROM STA 383+00+/- TO STA 384+00+/- (SEE TMP-53)
- * -Y12- FROM -L- TO STA 11+35+/- INCLUDING -L- RT FROM STA 405+00+/- TO STA 406+00+/- (SEE TMP-55)
- * -Y14- FROM -L- TO STA 11+95+/- INCLUDING -L- RT FROM STA 441+00+/- TO STA 442+00+/- (SEE TMP-57)

STEP 4: COMPLETE CONSTRUCTION OF THE FOLLOWING:

- * -L- RT FROM STA 261+40+/- TO STA 266+00+/-
- * -L- RT FROM STA 267+00+/- TO STA 271+50+/-
- * -L- RT FROM STA 271+50+/- TO STA 287+00+/- (INCL DRIVEWAYS)
- * -L- RT FROM STA 287+00+/- TO STA 304+00+/- (LN-13)
- * -L- RT FROM STA 306+00+/- TO STA 326+00+/- (INCL -DRW6REV-)
- * -L- RT FROM STA 326+75+/- TO STA 331+50+/- INCLUDING TEMPORARY ACCESS AND -Y5- TO -L- TO STA 11+50+/-
- * -L- RT FROM STA 331+50+/- TO STA 352+00+/-
- * -L- RT FROM STA 358+10+/- TO STA 362+60+/-
- * -L- RT FROM STA 374+09+/- TO STA 376+00+/-
- * -L- RT FROM STA 376+00+/- TO STA 383+00+/-
- * -L- RT FROM STA 384+00+/- TO STA 405+00+/-
- * -L- RT FROM STA 406+00+/- TO STA 441+00+/- (INCL -DRW13-)
- * -L- RT FROM STA 442+00+/- TO STA 453+00+/-
- * REMOVE ABANDONED PAVEMENT ALONG US 221

USING FLAGGERS AND INCIDENTAL STONE AS NEEDED, COMPLETE -L- FROM STA 259+25+/- TO STA 261+40+/- AND CONSTRUCT -Y2- FROM -L- TO STA 14+73+/- (INCLUDING -Y2A-), PLACE TEMPORARY MARKINGS AND SHIFT -Y2- & -Y2A- TO PROPOSED ALIGNMENT. SEE TMP-46. (LN-2,3)

STEP 5: AS MUCH POSSIBLE WITHOUT DISRUPTING EXISTING TRAFFIC, PLACE TEMPORARY PAVEMENT MARKING ON -L- RT AS SHOWN IN PHASE IV (SHEETS TMP-64 THRU TMP-77).

USING TEMPORARY ACCESS AT -L- STA 331+00+/- AND RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT -Y5- FROM STA 11+50+/- TO STA 13+15+/- . REFER TO SHEET TMP-50.

PHASE III (CONTINUED) (SEE TMP-43 THRU TMP-45 FOR OVERVIEWS)

STEP 6: COMPLETE STEPS 6A THRU 6F.

6A: PLACE AND COVER DETOUR SIGNS AS SHOWN ON SHEET TMP-2C.

COMPLETE THE REQUIREMENTS OF PHASE III, STEP 6B THRU PHASE III, STEP 6F IN THIRTY (30) CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

6B: UNCOVER DETOUR SIGNS PLACED IN PHASE III, STEP 6A AND CLOSE -Y4- TO TRAFFIC.

6C: AWAY FROM TRAFFIC, CONSTRUCT -L- FROM STA 304+00+/- TO STA 306+00+/- AND BEGIN CONSTRUCTION OF -Y4- FROM -L- TO STA 19+27+/- . (SEE SHEET TMP-49)

CLOSE -Y5- ACCESS TO -L- AT STA 326+50+/- AND CONSTRUCT -L- FROM STA 326+00+/- TO STA 326+75+/- . (SEE TMP-50 FOR TEMPORARY ACCESS.)

WITHOUT DISTURBING EXISTING TRAFFIC, BEGIN CONSTRUCTION OF AS MUCH AS POSSIBLE OF -L- RT FROM STA 453+00+/- TO STA 460+00+/- .

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

6D: USING RSD 1101.02 (SHEET 3 OF 15), CLOSE RIGHT LANE OF -L- NBL AT LEAST 100' PRIOR TO FIRST MERGE ARROW (EST STA 242+00+/-) . REMOVE EXISTING MERGE ARROWS (5 EACH), CONSTRUCT RIGHTMOST NORTHBOUND LANE FROM STA 250+83+/- TO STA 259+25+/- . USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT -Y1A- FROM -L- TO STA 12+50+/- . (SEE TMP-46.)

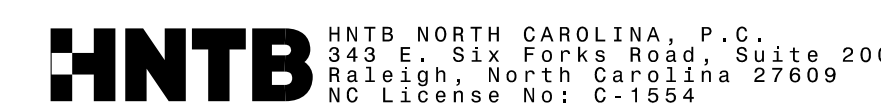
USING DRUMS TO SHIFT CHANNELIZED TRAFFIC AS NEEDED, MILL PAVEMENT TO 1.5" BELOW PROPOSED ELEVATION AND COMPLETE CONSTRUCTION OF -L- RT FROM STA 453+00+/- TO STA 464+60+/- (WORK BEGUN IN PHASE III, STEP 6C). (SEE TMP-58 & TMP-59.) CONSTRUCTION INCLUDES THE FOLLOWING MEDIAN CURB & GUTTER:

- * -L- NBL FROM STA 458+60+/- TO STA 462+50+/-
- * -L- SBL FROM STA 458+00+/- TO STA 462+50+/-
- * -L- SBL & NBL FROM STA 464+40+/- TO STA 464+60+/-

6E: COMPLETE PLACEMENT OF TEMPORARY MARKING ON -L- AS SHOWN IN PHASE IV (SHEETS TMP-64 THRU TMP-77), PLACE TEMPORARY GUARDRAIL AND SHIFT TRAFFIC TO NEW PATTERN USING RSD 1101.02 (SHEET 3 OF 15) TO CLOSE LEFT LANE OF -L- AS SHOWN ON SHEET TMP-46 INSET. WITH TRAFFIC IN NEW PATTERN, CONSTRUCT LEFTMOST NBL FROM STA 250+83+/- TO STA 258+40+/- . (LN-7,10)

6F: COMPLETE CONSTRUCTION OF -Y4- . PLACE TEMPORARY PAVEMENT MARKING ON -Y4- AND OPEN TO TRAFFIC. COVER AND REMOVE DETOUR SIGNING.

3:01:41 PM
\\TC\p\2915C_fc_03_phasing.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$

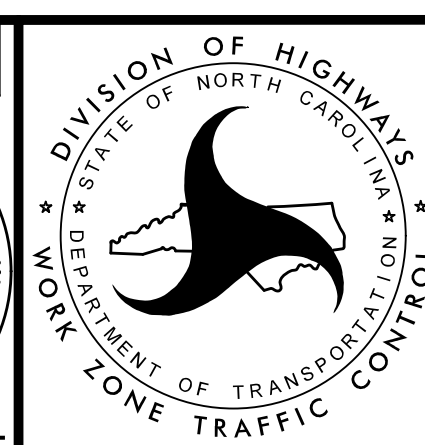


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

APPROVED BY: Rhonda B. Early
F34CAFAC08F48A

DATE: 7/2/2016

SEAL
023521
ENGINEER
RHONDA B. EARLY



TRANSPORTATION MANAGEMENT PLAN

PHASING

DEPARTMENT OF TRANSPORTATION
STATE OF NORTH CAROLINA
WORK ZONE TRAFFIC CONTROL