

PHASING

PROJ. REFERENCE NO.	SHEET NO.
W-5313	TMP-3

NOTES:

COMPLETE ANY PROPOSED WIDENING 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.

DO NOT UTILIZE MORE THAN ONE OFF-SITE DETOUR AT A TIME UNLESS SPECIFIED OTHERWISE IN THE PHASING (DETOURS #1, #4 & #4A).

THE TERM RSD DENOTES "ROADWAY STANDARD DRAWING".

PHASE I (SEE TMP-4 FOR OVERVIEW)

STEP 1: INSTALL WORK ZONE ADVANCE WARNING SIGNS ON -L- (OLD BEATTY FORD RD), AND ALL ROADS THAT INTERSECT OLD BEATTY FORD ROAD WITHIN THE PROJECT LIMITS ACCORDING TO RSD 1101.01.

INSTALL AND COVER ALL DETOUR SIGNS AS SHOWN ON SHEET TMP-2A.

UNCOVER TRUCK ROUTE DETOUR (SHEET TMP-2B) AND DETOUR TRUCKS FOR DURATION OF PROJECT.

NOTE: THE CONTRACTOR MAY WORK ON THE FOLLOWING ITEMS NON-CONCURRENTLY/ IN ANY ORDER AT ANY TIME AFTER PHASE I STEP 1:

- PHASE I, STEPS 2 THROUGH 5
- PHASE I, STEPS 6 THROUGH 11
- PHASE I, STEPS 12 THROUGH 14
- PHASE I, STEPS 15 THROUGH 16
- PHASE I, STEPS 17 THROUGH 19

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 2 THRU PHASE I, STEP 5 FROM JUNE 12 TO AUGUST 28. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

NOTE: REFER TO SHEETS TMP-5 THRU TMP-8 FOR STEP 2 DETAILS.

STEP 2: USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING:
 * -L- FROM STA 10+25+/- TO STA 24+40+/-: WEDGE EXISTING AND WIDEN LEFT. PROVIDE SMOOTH TRANSITION GRADE TO EXISTING -Y1- (LN-1) (LN-5)
 * -L- FROM STA 24+40+/- TO STA 57+50+/- & -Y2-: WEDGE AND WIDEN. (LN-5)

STEP 3: PLACE TEMPORARY PAVEMENT MARKING ON -L- FROM STA 10+25+/- TO STA 57+50+/- AS SHOWN ON SHEETS TMP-9 & TMP-10. (LN-5)

NOTE: REFER TO SHEETS TMP-9 & TMP-10 FOR STEP 4 DETAILS.

STEP 4: USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING:
 * -L- FROM STA 10+25+/- TO STA 24+40+/- WIDEN RIGHT. (LN-5)
 * -Y1- FROM -L- TO STA 14+20+/- WEDGE & WIDEN. (LN-5)

STEP 5: PLACE / REPLACE TEMPORARY PAVEMENT MARKING IN FINAL PATTERN OBLITERATED OR DISTURBED IN STEP 4. (LN-5)

NOTE: REFER TO SHEET TMP-12 FOR STEP 6 DETAILS.

STEP 6: BEGIN THE REQUIREMENTS OF STEP 6A THRU STEP 6C.

6A: AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15) AS NEEDED, CONSTRUCT THE FOLLOWING:

- * -L- FROM STA 150+00+/- TO STA 156+00+/- (LN-1)
- * -Y3- FROM STA 10+50+/- TO -L-
- * -Y4- FROM -L- TO STA 13+75+/-

6B: PLACE TEMPORARY PAVEMENT MARKING, SHIFT -Y3- & -Y4- TO NEW PATTERN. SEE STEP 6C DETAIL.

6C: AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15) AS NEEDED, REMOVE ABANDONED PAVEMENT ALONG -Y3- & -Y4-.

STEP 7: UNCOVER SIGNS FOR OFF-SITE DETOUR #2 (SHEET TMP-2C) AND CLOSE -L- TO COMPLETE THE FOLLOWING. RELOCATE ROAD CLOSURE POINTS ALONG -L- AS NEEDED TO MAINTAIN Y-LINE AND DRIVEWAY ACCESS.

- * -L- FROM STA 72+75+/- TO STA 73+90+/-: REMOVE AND REPLACE PAVEMENT
- * -L- STA 128+16+/-: INSTALL 54" RCP
- * -L- IMPROVEMENTS FROM OLD CONCORD RD TO -Y3-/-Y4- (LN-2)

STEP 8: COVER SIGNS FOR OFF-SITE DETOUR #2 AND OPEN -L- TO TRAFFIC.

STEP 9: UNCOVER SIGNS FOR OFF-SITE DETOUR #3 (SHEET TMP-2D) AND CLOSE -L- TO COMPLETE THE FOLLOWING. RELOCATE ROAD CLOSURE POINTS ALONG -L- AS NEEDED TO MAINTAIN Y-LINE AND DRIVEWAY ACCESS.

- * -L- STA 179+65+/- CONSTRUCT 9X8 RCBC AND CONSTRUCT HEAVY WEDGING FROM STA 165+00+/- TO STA 187+00+/-
- * -L- STA 192+44+/- INSTALL 60" RCP
- * -L- FROM STA 208+80+/- TO STA 222+00+/- INSTALL 42" RCP & CONSTRUCT HEAVY WEDGING
- * -L- IMPROVEMENTS FROM -Y3-/-Y4- TO -Y5-/-Y6- (LN-3)

PHASE I (CONTINUED) (SEE TMP-4 FOR OVERVIEW)

STEP 10: COVER SIGNS FOR OFF-SITE DETOUR #3 AND OPEN -L- TO TRAFFIC.

STEP 11: COMPLETE CONSTRUCTION OF WORK REQUIRED IN STEP 6.

NOTE: REFER TO SHEETS TMP-13 & TMP-14 FOR STEP 12 DETAILS.

STEP 12: COMPLETE WORK REQUIRED IN STEP 12A THRU STEP 12G. (LN-7)

12A: AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15) AS NEEDED, CONSTRUCT -Y6- FROM -L- TO STA 13+28+/-.

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 12B THRU PHASE I, STEP 12D IN ONE WEEKEND FROM 10:00 PM FRIDAY TO 6:00 AM THE FOLLOWING MONDAY. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

12B: UNCOVER SIGNS FOR OFF-SITE DETOUR #4 & 4A (SHEET TMP-2E) AND CLOSE -L- AND -Y5- TO COMPLETE THE FOLLOWING AS SHOWN ON TMP-13. (LN-7)
 NOTE: USE DRUMS TO PROVIDE DRIVEWAY ACCESS WITHIN CLOSURE LIMITS.
 * -L- FROM STA 233+50+/- TO STA 238+00+/-
 * -Y5- FROM STA 11+90+/- TO -L-

12C: USING RSD 1101.02 (SHEET 1 OF 15), WEDGE AND WIDEN THE FOLLOWING TO PROVIDE A SMOOTH TIE TO EXISTING PAVEMENT:
 * -L- FROM STA 232+60+/- TO STA 233+50+/-
 * -Y6- FROM STA 12+72+/- TO STA 15+15+/-

12D: PLACE TEMPORARY PAVEMENT MARKING ON WORK COMPLETED IN STEPS 12A THRU 12C, RELOCATE ROAD CLOSURE, OPEN -Y5- TO TRAFFIC AND SHIFT -Y6- TO NEW PATTERN AS SHOWN ON SHEET TMP-14. COVER DETOUR #4 & 4A SIGNS.

12E: UNCOVER DETOUR #3 SIGNS (SHEET TMP-2D) TO KEEP -L- CLOSED TO TRAFFIC AND ALLOW TRAFFIC ON -Y5-. AWAY FROM TRAFFIC CONSTRUCT -L- FROM STA 227+50+/- TO STA 233+00+/-.

12F: USING RSD 1101.02 (SHEET 1 OF 15) AS NEEDED, CONSTRUCT:
 * -L- FROM STA 233+00+/- TO -Y6- AND REMOVE ABANDONED PAVEMENT
 * -L- FROM STA 222+00+/- TO STA 227+50+/- (LN-1)

12G: PLACE TEMPORARY PAVEMENT MARKING IN TWO-LANE, TWO WAY PATTERN AND OPEN -L- TO TRAFFIC.

STEP 13: CONSTRUCT DESIRED ITEMS REMAINING FROM STEP 9 BETWEEN -L- STA 165+00+/- AND STA 222+00+/- . RELOCATE ROAD CLOSURE POINTS ALONG -L- AS NEEDED TO MAINTAIN Y-LINE AND DRIVEWAY ACCESS. (LN-3)

STEP 14: COVER DETOUR SIGNS FOR DETOUR #3 AND OPEN -L- TO TRAFFIC.

STEP 15: UNCOVER SIGNS FOR OFF-SITE DETOUR #5 (SHEET TMP-2F) AND CLOSE -L- TO THE FOLLOWING. RELOCATE ROAD CLOSURE POINTS ALONG -L- AS NEEDED TO MAINTAIN Y-LINE AND DRIVEWAY ACCESS. (LN-7)
 * -L- STA 238+00+/- TO STA 266+00+/- CONSTRUCT NEW ROADWAY (LN-4)
 * -L- STA 276+00+/- TO STA 295+36+/- INSTALL 54" RCP AND CONSTRUCT HEAVY WEDGE (LN-4)

STEP 16: COVER SIGNS FOR OFF-SITE DETOUR #5 AND OPEN -L- TO TRAFFIC.

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 17 IN NINETY (90) CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

STEP 17: UNCOVER SIGNS FOR OFF-SITE DETOUR #6 (SHEET TMP-2G) AND CLOSE -L- TO COMPLETE THE FOLLOWING INCLUDING PLACEMENT OF TEMPORARY PAVEMENT MARKINGS. RELOCATE ROAD CLOSURE POINTS ALONG -L- AS NEEDED TO MAINTAIN Y-LINE AND DRIVEWAY ACCESS. (LN-6)
 * INSTALL 9'X8' RCBC @ -L- STA 349+71+/-
 * INSTALL 42" RCP @ -L- STA 351+00+/-
 * INSTALL 10'X7' RCBC @ -L- STA 398+18+/-
 * CONSTRUCT -L- FROM STA 318+35+/- TO STA 399+00+/-

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 18A THRU PHASE I, STEP 18H DURING OFF-PEAK MOWING SEASON BETWEEN OCTOBER 1ST AND MARCH 31ST. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

NOTE: REFER TO SHEETS TMP-15 & TMP-16 FOR STEP 18 & 19 DETAILS.

STEP 18: COMPLETE WORK REQUIRED IN STEP 18A THRU STEP 18H. (LN-6)

18A: MOVE CLOSURE POINTS FOR OFF-SITE DETOUR #6 (ALREADY IN PLACE) AND CLOSE -L- AT -Y7- AS SHOWN ON SHEET TMP-15. (LN-6)

18B: AWAY FROM TRAFFIC, CONSTRUCT -L- FROM STA 399+00+/- TO STA 407+40+/- AND REMOVE ABANDONED PAVEMENT WORKING FROM WEST TO EAST TO MAINTAIN DRIVEWAY ACCESS. (LN-6)

18C: PLACE TEMPORARY PAVEMENT MARKING IN FINAL PATTERN ON -L- FROM STA 399+00+/- TO STA 407+40+/-.

PHASE I (CONTINUED) (SEE TMP-4 FOR OVERVIEW)

18D: USING RSD 1101.02 (SHEET 1 OF 15) AND INCIDENTAL STONE AS NEEDED TO MAINTAIN TRAFFIC, CONSTRUCT -Y7- FROM -L- TO STA 11+40+/- . SHIFT -L- ROAD CLOSURE POINT FROM WEST OF -Y7- TO EAST OF -Y7- AS CONNECTION IS MADE. (LN-6)

18E: AWAY FROM TRAFFIC, CONSTRUCT -L- FROM STA 408+00+/- TO STA 412+00+/- . USING RSD 1101.02 (SHEET 1 OF 15), REMOVE ABANDONED PAVEMENT. (LN-6)

18F: PLACE TEMPORARY PAVEMENT MARKING IN TWO-LANE TWO-WAY PATTERN ON -Y7- & -L- FROM STA 408+00+/- TO STA 412+00+/- .

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 18G AND PHASE I, STEP 18H IN ONE WEEKEND FROM 10:00 PM FRIDAY TO 6:00 AM THE FOLLOWING MONDAY. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

18G: RELOCATE DETOUR POINT AS SHOWN ON DETOUR #6A (TMP-2G) AND COVER SIGNS FROM DETOUR #6 THAT ARE NO LONGER USED. AWAY FROM TRAFFIC CONSTRUCT THE FOLLOWING INCLUDING PLACEMENT OF TEMPORARY PAVEMENT MARKINGS.
 * -L- FROM STA 412+00+/- TO STA 414+00+/- (LN-6)
 * -Y8- FROM STA 11+25+/- TO -L-

18H: OPEN -L- TO TRAFFIC AND COVER DETOUR SIGNS.

STEP 19: USING RSD 1101.02 (SHEET 1 OF 15), WEDGE AND WIDEN -L- FROM STA 414+00+/- TO STA 420+00+/- (END OF PROJECT).

STEP 20: PLACE TEMPORARY PAVEMENT MARKING IN FINAL PATTERN FROM -L- STA 414+00+/- TO STA 420+00+/- .

PHASE II (SEE TMP-4 FOR OVERVIEW)

NOTE: STEPS 1 THRU 3 MAY BE COMPLETED IN ANY ORDER. UPON COMPLETION OF STEPS 1 THRU 3, PROCEED TO STEP 4 UNLESS APPROVED OTHERWISE BY THE ENGINEER.

STEP 1: USING DETOUR #5, RELOCATE ROAD CLOSURE POINTS ALONG -L- AS NEEDED TO MAINTAIN Y-LINE AND DRIVEWAY ACCESS, AND COMPLETE PROPOSED IMPROVEMENTS ALONG -L- FROM -Y5-/-Y6- TO ORGAN CHURCH RD. (LN-4)

STEP 2: USING DETOUR #3, RELOCATE ROAD CLOSURE POINTS ALONG -L- AS NEEDED TO MAINTAIN Y-LINE AND DRIVEWAY ACCESS, AND COMPLETE PROPOSED IMPROVEMENTS ALONG -L- FROM -Y3-/-Y4- TO -Y5-/-Y6-. (LN-3)

STEP 3: USING DETOUR #2, RELOCATE ROAD CLOSURE POINTS ALONG -L- AS NEEDED TO MAINTAIN Y-LINE AND DRIVEWAY ACCESS, AND COMPLETE PROPOSED IMPROVEMENTS ALONG -L- FROM OLD CONCORD RD TO -Y3-/-Y4-. (LN-2)

STEP 4: USING RSD 1101.02 (SHEET 1 OF 15), PLACE FINAL LAYER OF SURFACE COURSE, FINAL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON ALL ROADS.

STEP 5: COVER/REMOVE TRUCK DETOUR SIGNS. REMOVE ALL DETOUR SIGNS.

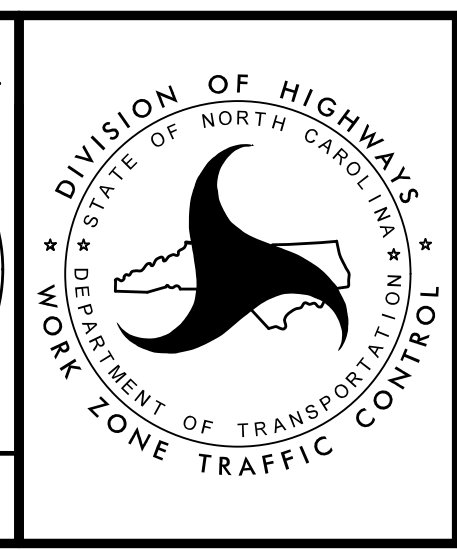
LOCAL NOTES

- LN-1 TEMPORARY WEDGING WILL BE NEEDED TO PROVIDE TRANSITION GRADE FROM PROPOSED PAVEMENT / STRUCTURE TO EXISTING PAVEMENT. TRANSITION GRADES SHOULD BE SMOOTH AND SHOULD AVOID PONDING WATER.
- LN-2 CONTRACTOR MAY ELECT TO COMPLETE SOME OR ALL OF THE WEDGING & WIDENING USING DETOUR #2 DURING PHASE I, STEP 7 OR DURING PHASE II, STEP 3.
- LN-3 CONTRACTOR MAY ELECT TO COMPLETE SOME OR ALL OF THE WEDGING & WIDENING USING DETOUR #3 DURING PHASE I, STEP 9 OR DURING PHASE II, STEP 2.
- LN-4 CONTRACTOR MAY ELECT TO COMPLETE SOME OR ALL OF THE WEDGING & WIDENING USING DETOUR #5 DURING PHASE I, STEP 15 OR DURING PHASE II, STEP 1.
- LN-5 COMPLETE REQUIRED WORK FROM BEGINNING OF PROJECT TO OLD CONCORD RD IN THE SUMMER, WHILE BOSTIAN ELEMENTARY SCHOOL IS OUT OF SESSION.
- LN-6 COMPLETE THE WORK FROM ORGAN CHURCH RD TO -Y8- (LOWER STONE CHURCH RD) BETWEEN OCTOBER 1ST AND MARCH 31ST - DURING OFF PEAK MOWING SEASON.
- LN-7 REFRESH MARKINGS ON SHIVE RD PRIOR TO USING AS DETOUR ROUTE.

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PHASING

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