NOTE: PHASE I, STEPS 4 & 4A MAY BE PERFORMED SIMULTANEOUSLY.
PHASE I, STEPS 4A & 5 MAY BE PERFORMED SIMULTANEOUSLY.

NOTE: PHASE II, STEPS 1A WORK MAY BE PERFORMED SIMULTANEOUSLY WITH THE WORK PHASE II,
STEP 1 AFTER SHIFTING NC 268 TRAFFIC IN PHASE II, STEP 1.

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PROJ. REFERENCE NO.	SHEET NO.
R-2603	TMP-3B

COMPLETE THE WORK REQUIRED PHASE I, STEP 4A IN 120 CONSECUTIVE CALENDAR DAYS
(SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 4A

USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING (SEE SHEETS TMP-30 &
TMP-31):

  - PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT TRAFFIC TO -LDETOUR-
    (TWO-LANE/TWO-WAY PATTERN).
  - CLOSE FAIRPLAINS ROAD (-Y8-) ACCESS TO/FROM NC 268 (SEE SHEET TMP-2D FOR
    DETOUR ROUTE AND SIGNING).
  - INSTALL PCB ALONG WB -LDETOUR-.

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT THE FOLLOWING
(SEE SHEET TMP-30):

  REMAINING SECTION OF PROPOSED CULVERT (-L- STA 59+43±)
  WB -L- STA 54+00± TO STA 62+00±
  WEDGING/WIDENING LEFT OF EXISTING NC 268 FROM -L- STA 62+00± TO STA 64+00±
  -Y8- STA 13+00± TO -L-
  INSTALL PCB ALONG EB LANE OF TEMPORARY PATTERN. BEGIN INSTALLATION OF PCB
    ALONG WB LANE OF TEMPORARY PATTERN AS MUCH AS POSSIBLE
    (SEE SHEETS TMP-33 & 34).

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING
(SEE SHEETS TMP-33 & 34 FOR TEMPORARY TRAFFIC PATTERN):

  - REMOVE PCB ALONG -LDETOUR- CONFLICTING WITH TEMPORARY PATTERN SHOWN ON
    SHEETS TMP-33 & 34
  - PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND TIE TO EXISTING
  - SHIFT NC 268 TRAFFIC TO TEMPORARY PATTERN
  - REOPEN -Y8- ACCESS TO NC 268

STEP 5

USING RSD 1101.02 (SHEET 1 OF 15), SHIFT TRAFFIC TO -Y16- WITH TEMPORARY TIE TO
EXISTING NC 268. CONSTRUCT PROPOSED WB LANES FROM -L- STA 145+50± TO STA 146+20±
AND REMOVE -Y16DET- (SEE SHEET TMP-32).

COMPLETE CONSTRUCTION BEGUN PREVIOUSLY AT THE FOLLOWING LOCATIONS FOR PHASE II, STEP 1
SHIFT FROM -L- STA 135+00± TO END PROJECT LIMIT:

  NC 268 WIDENING (LEFT SIDE) FROM -L- STA 47+00± TO STA 51+65±
  TEMPORARY WIDENING OF EXISTING NC 268 (LEFT) FROM -L- STA 133+50± TO STA 139+00±
    (TYING TO PROPOSED WB LANES)
  WB -L- STA 139+00± TO STA 145+50±
  WB -L- STA 147+50± TO STA 163+30±
  WB -L- STA 164+50± TO STA 182+00± (EXISTING AIRPORT ROAD)
  WB -L- STA 182+45± (EXISTING AIRPORT ROAD) TO -L- STA 189+20±
  NC 268 WIDENING (RIGHT SIDE) FROM -L- STA 177+00± TO STA 182+20± (EXISTING RIVER
    LIBERTY GROVE CHURCH ROAD)
  NC 268 WIDENING (RIGHT SIDE) FROM -L- STA 182+85± (EXISTING RIVER LIBERTY GROVE
    CHURCH ROAD) TO -L- STA 195+00±
  NC 268 WIDENING (LEFT SIDE) FROM -L- STA 189+20± TO STA 195+23±
  TEMPORARY MEDIAN CROSSOVER -XOVR2- FROM PROPOSED WB LANES AT -L- STA 170+50± TO
    EXISTING NC 268 AT -L- STA 178+00±
  -Y6- STA 10+50± TO -L-

PHASE II

STEP 1

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING
(SEE SHEETS TMP-35 THRU TMP-39):

  - PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AWAY FROM TRAFFIC AS MUCH AS
    POSSIBLE FOR PHASE II, STEP 1 TRAFFIC PATTERN
  - SHIFT TRAFFIC TO TEMPORARY WIDENING OF EXISTING NC 268 FROM -L- STA 133+50± TO
    STA 139+00± AND TO WB LANES FROM -L- STA 139+00± TO STA 170+50± IN A 2-LANE/
    2-WAY PATTERN (SEE SHEETS TMP-35 THRU TMP-37). SPLIT TRAFFIC FROM -L- STA 170+50±
    TO END PROJECT LIMIT USING TEMPORARY MEDIAN CROSSOVER -XOVR2- AT -L- STA 175+00±
  - PLACE REMAINING TEMPORARY PAVEMENT MARKINGS AND MARKERS AND TIE TO EXISTING
  - ADJUST TEMPORARY SIGNAL AT -L-/-Y18-.

USING RSD 1101.02 (SHEET 1 OF 15), INSTALL PCB AND CONSTRUCT PROPOSED EB LANES FROM
-L- 55+00± TO STA 64+00± (SEE SHEETS TMP-33 & TMP-34).

USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT TEMPORARY MEDIAN CROSSOVER -XOVR1- FROM
-L- STA 131+78± TO -L- STA 136+30± (SEE SHEET TMP-35).

AWAY FROM TRAFFIC, CONSTRUCT PROPOSED EB LANES FROM -L- STA 135+00±
TO STA 177+00± (SEE SHEETS TMP-35 THRU TMP-38).

AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF PROPOSED MEDIAN FROM -L- STA 176+00±
TO STA 181+85± AND -L- STA 182+60± TO STA 189+20± (SEE SHEETS TMP-38 & TMP-39).

COMPLETE CONSTRUCTION BEGUN PREVIOUSLY AT THE FOLLOWING LOCATIONS (FOR PHASE II, STEP 2
SHIFT TO PROPOSED EB LANES):

  - WEDGING/WIDENING OF EXISTING -L- STA 53+00± TO STA 55+00± RIGHT
  - EB -L- STA 64+00± TO STA 80+63±
  - EB -L- STA 81+50± TO STA 98+00±
  - EB -L- STA 98+50± TO STA 106+00±
  - EB -L- STA 107+00± TO STA 135+00±, INCLUDING STRUCTURE
  - REMAINING PORTION OF -DRIVE6-

COMPLETE THE WORK REQUIRED PHASE II, STEP 1A IN 30 CONSECUTIVE CALENDAR DAYS
(SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

STEP 1A

USING RSD 1101.03 (SHEET 2 OF 9), CLOSE EXISTING RIVER LIBERTY GROVE CHURCH ROAD
(-Y18-) AND USE OFFSITE DETOUR (SEE SHEET TMP-38 THRU TMP-40). ADJUST TEMPORARY
SIGNAL AT -L-/-Y18-.

AWAY FROM TRAFFIC, CONSTRUCT -Y18- FROM STA 31+20± TO STA 37+20± AND TIE TO
NC 268. USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT WIDENING/WEDGING FROM -Y18-
STA 37+20± TO STA 42+00± (SEE SHEETS TMP-38 & TMP-40).

COMPLETE CONSTRUCTION BEGUN PREVIOUSLY AT THE FOLLOWING LOCATIONS:

  - WIDENING OF AIRPORT ROAD (LEFT SIDE) FROM -Y18- STA 17+50± TO STA 23+15±
  - -Y18- STA 23+15± TO STA 27+30±
  - PROPOSED MEDIAN FROM -L- STA 182+60± TO STA 189+20±

USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS
ON -Y18- AND THE WESTBOUND APPROACH OF -L- AT -L-/-Y18- INTERSECTION FOR TEMPORARY
PATTERN. SHIFT TRAFFIC TO TEMPORARY PATTERN ON -Y18- AND ADJUST TEMPORARY SIGNAL
(SEE SHEETS TMP-50 THRU TMP-53).

STEP 2

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING
(SEE SHEETS TMP-41 THRU TMP-50):

  - REMOVE PCB FROM PHASE II, STEP 1 PATTERN FROM -L- STA 55+00± TO STA 62+50±
  - PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AWAY FROM TRAFFIC AS MUCH AS
    POSSIBLE FOR PHASE II, STEP 2 TRAFFIC PATTERN
  - SHIFT TRAFFIC TO PROPOSED EB LANES -L- STA 53+35± TO STA 135+00± IN 2-LANE/2-WAY
    PATTERN. PLACE EB TRAFFIC IN ONE-LANE PATTERN ON PROPOSED EB LANES FROM -L-
    STA 135+00± TO -Y18-. USE CROSSOVER -XOVR1- AT -L- STA 135+00± TO MAINTAIN WB
    TRAFFIC ON PROPOSED WB LANES IN A ONE-LANE PATTERN
  - PLACE REMAINING TEMPORARY PAVEMENT MARKINGS AND MARKERS AND TIE TO EXISTING

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT PROPOSED WB LANES
FROM -L- STA 62+00± TO STA 134+00± (SEE SHEETS TMP-41 THRU TMP-47).

USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT THE FOLLOWING (SEE SHEETS TMP-43, TMP-44 & TMP-47):

  -Y10- STA 11+56± TO -L-
  -Y11- STA 12+48± TO -L-
  -DRIVE4- & -DRIVE5-

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), BEGIN CONSTRUCTION OF PROPOSED
MEDIAN AT THE FOLLOWING LOCATIONS (SEE SHEETS TMP-49, TMP-50 & TMP-52):

  -L- STA 170+50± TO STA 176+00± (INCLUDING CROSSOVER REMOVAL)
  -Y18- STA 23+15± TO STA 27+30±

USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT WIDENING OF -Y18- FROM STA 17+50± TO
STA 31+00± RIGHT (SEE SHEETS TMP-50 & TMP-52).

USING RSD 1101.02 (SHEET 1 OF 15), INSTALL PROPOSED SIGNALS AT -L-/NC 18, -Y1-/NC 18,
-Y1-/-Y2- & -L-/-Y18- INTERSECTIONS.

STEP 2

USING RSD 1101.02 (SHEET 1, 3 & 7 OF 15), PERFORM THE FOLLOWING:

  - CONSTRUCT PROPOSED MONOLITHIC ISLANDS (SEE ROADWAY PLANS FOR
    LOCATIONS)
  - COMPLETE PROPOSED DRAINAGE
  - PLACE FINAL LAYER OF SURFACE COURSE ON ALL ASPHALT SURFACES
  - PLACE FINAL PAVEMENT MARKINGS AND MARKERS
  - ACTIVATE PROPOSED SIGNALS AT -L-/NC 18, -Y1-/NC 18, -Y1-/-Y2-
    & -L-/-Y18- INTERSECTIONS
  - SHIFT TRAFFIC TO FINAL PATTERN AND OPEN ALL LANES

PHASE III

STEP 1

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE THE FOLLOWING
(SEE SHEETS TMP-54 THRU TMP-60):

  - PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS ON PROPOSED WB LANES AWAY FROM
    TRAFFIC AS MUCH AS POSSIBLE FOR PHASE III, STEP 1 TRAFFIC PATTERN
  - SHIFT WB TRAFFIC TO PROPOSED WB LANES FROM -L- STA 53+50± TO STA 135+00± IN A
    ONE-LANE PATTERN
  - PLACE REMAINING TEMPORARY PAVEMENT MARKINGS AND MARKERS AND TIE TO EXISTING

AWAY FROM TRAFFIC, CONSTRUCT PROPOSED MEDIAN AT THE FOLLOWING LOCATIONS (SEE
SHEETS TMP-54, TMP-56, TMP-57, TMP-59 & TMP-60):

  -L- STA 57+00± TO STA 60+10±
  -L- STA 61+80± TO STA 64+00±
  -Y9- STA 80+65± TO STA 81+50±
  -Y10- STA 90+85± TO STA 91+50±
  -Y11- STA 98+00± TO STA 99+00±
  -L- STA 131+00± TO STA 139+00± (INCL. CROSSOVER REMOVAL)

COMPLETE CONSTRUCTION BEGUN PREVIOUSLY:

  -L- STA 10+38± TO STA 47+00± LEFT
  -L- STA 10+38± TO STA 55+00± RIGHT
  -Y1-, -Y1A-, -Y2-, -Y3-, -Y4- & -Y5-
  MEDIAN -L- STA 170+50± TO STA 181+85±
  MEDIAN -Y18- STA 23+15± TO STA 27+30±
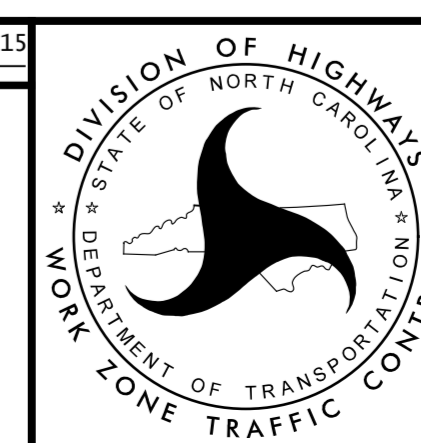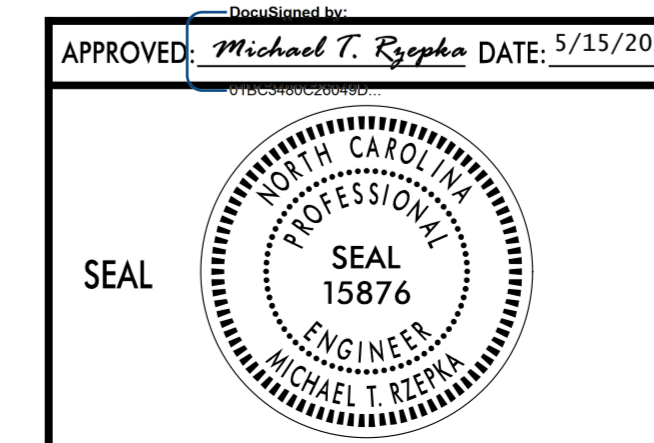
PHASING