

PHASE I

STEP 1) PRIOR TO ANY CONSTRUCTION ACTIVITY, INSTALL WORK ZONE ADVANCE WARNING SIGNS ON ALL ROADS INVOLVED (MIZPAH CHURCH ROAD (SR 2600), ELM GROVE CHURCH ROAD (SR 2660), COOK FLORIST ROAD (SR 2598), MAGNOLIA DRIVE (SR 2683), AND US 29 ACCORDING TO THE ROADWAY STANDARD DRAWING 1101.01.

STEP 2) USING RSD 1101.02 (SHT 4 OF 14) FOR TEMPORARY LANE CLOSURES ON US 29, INSTALL ADVANCE WARNING SIGNS, REMOVE EXISTING PAVEMENT MARKINGS, AND PLACE PAVEMENT MARKING (PAINT) AND MARKERS (TEMPORARY RAISED) IN TEMPORARY PATTERN ACCORDING TO THE FOLLOWING STATIONS (SEE TMP-04):

SBL: 620 FT +/- NORTH OF -Y- STA. 10+00 +/- TO 600 FEET SOUTH OF -Y- STA. 18+00 +/-
 NBL: 600 FT +/- NORTH OF -Y- STA. 10+00 +/- TO 620 FEET SOUTH OF -Y- STA. 18+00

AND SHIFT TRAFFIC INTO NEW PATTERN.

STEP 3) USING RSD 1101.02 (SHT 4 OF 14) FOR TEMPORARY LANE CLOSURES ON US 29, INSTALL PORTABLE CONCRETE BARRIER (PCB) ON THE INSIDE SHOULDER OF US 29 ACCORDING TO THE FOLLOWING STATIONS (SEE TMP-04 THRU TMP-05):

SBL: 200 FT NORTH OF -Y- STA. 10+00 +/- TO 80 FT SOUTH OF -Y- STA. 18+00 +/-
 NBL: 80 FT NORTH OF -Y- STA. 10+00 +/- TO 200 FT SOUTH OF -Y- STA. 18+00 +/-

STEP 4) WORKING BEHIND BARRIER, CONSTRUCT THE MEDIAN BRIDGE PIER AND US 29 MEDIAN AND TEMPORARY 3' MEDIAN WIDENING UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE ACCORDING TO THE FOLLOWING STATIONS (SEE TMP-04 THRU TMP-05):

-Y1- STA. 10+00 +/- TO STA. 18+00 +/-
 -Y1- STA. 13+90 +/- TO STA. 17+50 +/- (MEDIAN WIDENING LT)
 -Y1- STA. 10+00 +/- TO STA. 15+00 +/- (MEDIAN WIDENING RT)

PHASE II

STEP 1) USING RSD 1101.02 (SHT 4 OF 14) FOR TEMPORARY LANE CLOSURES ON US 29, RESET PCB AND PLACE WEDGING AND OVERLAY UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE ACCORDING TO THE FOLLOWING STATIONS (SEE TMP-06 THRU TMP-07):

-Y- STA. 10+40 +/- TO STA. 15+00 +/- RESET PCB RT
 -Y- STA. 12+70 +/- TO STA. 17+20 +/- RESET PCB LT
 -Y- STA. 10+00 +/- TO STA. 18+00 +/- WEDGING & OVERLAY

AND USING RSD 1205.01 AND 1205.02 PLACE TEMPORARY PAVEMENT MARKING (PAINT) AND MARKERS (TEMPORARY RAISED) FOR NEW TEMPORARY PATTERN ON US 29 FOR PHASES II AND III ACCORDING TO THE FOLLOWING STATIONS (SEE TMP-06):

SBL: 620 FT NORTH OF -Y- STA. 10+00 +/- TO 570 FT SOUTH OF -Y- STA. 18+00 +/-
 NBL: 570 FT NORTH OF -Y- STA. 10+00 +/- TO 620 FT SOUTH OF -Y- STA. 18+00 +/-

AND SHIFT TRAFFIC INTO NEW PATTERN.

STEP 2) USING RSD 1101.02 (SHT 4 OF 14) FOR TEMPORARY LANE CLOSURES ON US 29, RESET OR PLACE PCB ALONG THE OUTSIDE SHOULDERS OF US 29 ACCORDING TO THE FOLLOWING STATIONS (SEE TMP-08 AND TMP-10):

RESET PCB SBL: 200 FT NORTH OF -Y- STA. 10+00 +/- TO 50 FT SOUTH OF -Y- STA. 18+00 +/-
 RESET PCB NBL: 50 FT NORTH OF -Y- STA. 10+00 +/- TO 5 FT NORTH OF -Y- STA. 10+00 +/-
 PLACE PCB NBL: 5 FT NORTH OF -Y- STA. 10+00 +/- TO 200 FT SOUTH OF -Y- STA. 18+00 +/-

STEP 3) WORKING BEHIND BARRIER, AWAY FROM TRAFFIC, OR USING RSD 1101.02 (SHT 1 OF 14), CONSTRUCT BRIDGE AND MIZPAH CHURCH (-L-), AND US 29 (-Y-) UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE ACCORDING TO THE FOLLOWING STATIONS (SEE TMP-08 THRU TMP-10):

-L- STA. 15+50 +/- TO STA. 18+50 +/- (BEGIN BRIDGE)
 -L- STA. 20+50 +/- (END BRIDGE) TO STA. 22+50 +/-
 -L- STA. 23+75 +/- TO STA. 29+40 +/- (UP TO EXISTING EDGE & ELEVATION OF SR 2600)
 -Y- STA. 10+00 +/- TO STA. 13+25 +/- (SBL)
 -Y- STA. 14+20 +/- TO STA. 18+00 +/- (SBL)
 -Y- STA. 10+00 +/- TO STA. 14+20 +/- (NBL)
 -Y- STA. 15+10 +/- TO STA. 18+00 +/- (NBL)

WORKING BEHIND PCB AND USING RSD 1101.03 (SHEET 9 OF 9) WITH ROLLING ROAD BLOCK FOR ROAD CLOSURE, CONSTRUCT THE MIZPAH CHURCH ROAD BRIDGE OVER US 29 (SEE TMP-08) AS FOLLOWS:

GIRDER INSTALLATION OVER NORTHBOUND US 29

WORKING ON CONSECUTIVE NIGHTS DURING ALLOWABLE CLOSURE HOURS, INSTALL GIRDERS OVER NORTHBOUND US 29 (-Y-) AS FOLLOWS:

USE RSD 1101.03 (SHEET 9 OF 9) WITH ROLLING ROADBLOCK FOR TEMPORARY ROAD CLOSURE OF NORTHBOUND US 29 AT BRIDGE.

SET ALL BRIDGE GIRDERS OVER THE NORTHBOUND LANES OF US 29 (-Y-).

AT THE END OF EACH NIGHT, OPEN BOTH NORTHBOUND LANES OF US 29 TO TRAFFIC.

GIRDER INSTALLATION OVER SOUTHBOUND US 29

WORKING ON CONSECUTIVE NIGHTS DURING ALLOWABLE CLOSURE HOURS, INSTALL GIRDERS OVER SOUTHBOUND US 29 (-Y-) AS FOLLOWS:

USE RSD 1101.03 (SHEET 9 OF 9) WITH ROLLING ROADBLOCK FOR TEMPORARY ROAD CLOSURE OF SOUTHBOUND US 29 AT BRIDGE.

SET ALL BRIDGE GIRDERS OVER THE SOUTHBOUND LANES OF US 29 (-Y-).

AT THE END OF EACH NIGHT, OPEN SOUTHBOUND LANES OF US 29 TO TRAFFIC.

PHASE III

STEP 1) PLACE PORTABLE CHANGEABLE MESSAGE BOARDS OUT TWO WEEKS IN ADVANCE OF ROAD CLOSURES. INSTALL AND COVER DETOUR SIGNS SHOWN ON TMP-13.

INTERMEDIATE CONTRACT TIME

COMPLETE THE FOLLOWING WORK OF PHASE III, STEPS 2 THROUGH 4 ON MIZPAH CHURCH ROAD (-L-), ELM GROVE CHURCH ROAD (-Y1- & -Y2-), MAGNOLIA DRVE (-Y3-), AND COOK FLORIST ROAD (-Y4-) IN ACCORDANCE WITH THE INTERMEDIATE CONTRACT TIME OF 30 CONSECUTIVE DAYS (SEE SPECIAL PROVISIONS).

STEP 2) UNCOVER DETOUR SIGNS AND CONSTRUCT -L-, -Y1-, -Y2-, AND -Y3- UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE ACCORDING TO THE FOLLOWING STATIONS (SEE TMP-11 THRU TMP-12):

-L- STA. 11+54 +/- TO STA. 16+53 +/-
 -L- STA. 22+50 +/- TO STA. 23+75 +/-
 -Y1- STA. 11+70 +/- TO STA. 12+75 +/-
 -Y2- STA. 10+18 +/- TO STA. 11+45 +/-
 -Y3- STA. 10+25 +/- TO STA. 12+55 +/-
 -Y4- STA. 11+50 +/- TO STA. 14+00 +/-

USE RSD 1101.02 (SHT 1 OF 14) AND FLAGGERS FOR ALTERNATING LANE CLOSURE ON MAGNOLIA DRIVE TO MAINTAIN TRAFFIC ACCESS TO MIZPAH CHURCH ROAD.

STEP 3) USING RSD 1101.02 (SHT 1 OF 14) AND FLAGGERS FOR ALTERNATING LANE CLOSURES, PLACE WEDGING AND OVERLAY ON MIZPAH CHURCH ROAD ACCORDING TO THE FOLLOWING STATIONS (SEE TMP-12):

-L- STA. 26+70 +/- TO STA. 29+40 +/-

STEP 4) USING RSD 1101.02 (SHEETS 1 OF 14) WITH FLAGGERS FOR TEMPORARY LANE CLOSURES AND RSD 1205.01, 1205.02, 1205.04, AND 1205.12, PLACE PAVEMENT MARKING (TEMPORARY PAINT ON ROADWAY AND FINAL COLD APPLIED PLASTIC ON CONCRETE BRIDGE) IN THE FINAL PATTERN ACCORDING TO THE FOLLOWING STATIONS (SEE PAVEMENT MAKING PLANS):

-L- STA. 11+54 +/- TO STA. 29+40 +/-
 -Y1- STA. 11+70 +/- TO STA. 12+75 +/-
 -Y2- STA. 10+25 +/- TO STA. 11+45 +/-
 -Y3- STA. 10+20 +/- TO STA. 12+55 +/-
 -Y4- STA. 11+50 +/- TO STA. 14+00 +/-

REMOVE BARRICADES AND SHIFT MIZPAH CHURCH ROAD AND MAGNOLIA DRIVE TRAFFIC TO NEW ALIGNMENTS AND OPEN ALL OTHER ROADS TO TRAFFIC (SEE TMP-14 THRU TMP-15).

PHASE IV

STEP 1) PLACE DRUMS ALONG MIZPAH CHURCH ROAD AND WORKING AWAY FROM TRAFFIC OR USING RSD 1101.02 (SHT 1 OF 14) AND FLAGGERS FOR TEMPORARY LANE CLOSURE, REMOVE OLD PAVEMENT FROM MIZPAH CHURCH ROAD, MAGNOLIA DRIVE, AND COOK FLORIST ROAD (SEE TMP-14 THRU TMP-15 AND ROADWAY PLANS).

STEP 2) WORKING BEHIND PCB OR AWAY FROM TRAFFIC REMOVE MIZPAH CHURCH ROAD BRIDGE AND ABUTMENTS.

GIRDER REMOVAL OVER NORTHBOUND US 29

WORKING ON CONSECUTIVE NIGHTS DURING ALLOWABLE CLOSURE HOURS, REMOVE GIRDERS OF MIZPAH CHURCH ROAD BRIDGE OVER NORTHBOUND US 29 (-Y-) AS FOLLOWS:

USE RSD 1101.03 (SHEET 9 OF 9) WITH ROLLING ROADBLOCK FOR TEMPORARY ROAD CLOSURE OF NORTHBOUND US 29 AT BRIDGE.

REMOVE ALL BRIDGE GIRDERS OVER THE NORTHBOUND LANES OF US 29 (-Y-).

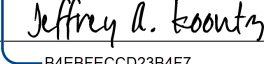
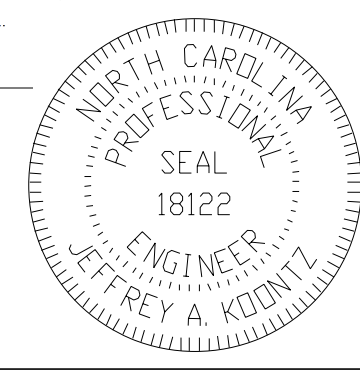
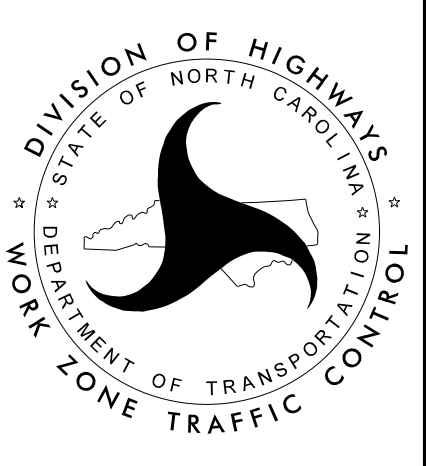
AT THE END OF EACH NIGHT, OPEN BOTH NORTHBOUND LANES OF US 29 TO TRAFFIC.

GIRDER REMOVAL OVER SOUTHBOUND US 29

WORKING ON CONSECUTIVE NIGHTS DURING ALLOWABLE CLOSURE HOURS, INSTALL GIRDERS OVER SOUTHBOUND US 29 (-Y-) AS FOLLOWS:

USE RSD 1101.03 (SHEET 9 OF 9) WITH ROLLING ROADBLOCK FOR TEMPORARY ROAD CLOSURE OF SOUTHBOUND US 29 AT BRIDGE.

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<p>APPROVED:  <small>DocuSigned by: Jeffrey A. Koontz B4EBFECCD2384F7</small></p> <p>DATE: 5/28/2020</p> <p></p> <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	<p></p>	<p>PROJECT PHASING</p>
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