

PHASING

PHASE I (TMP-4 THRU TMP-24)

PRIOR TO ANY WORK OPERATIONS, INSTALL WORK ZONE ADVANCE WARNING SIGNS ON -L- US 74 AND ALL -Y- LINES, PER ROADWAY STANDARD DRAWING 1101.01, SHEET 3 OF 3.

STEP 1 (SEE TMP-4 THRU TMP-16)

A) (-SR6-, -Y41-)

- USING RSD 1101.02, SHEET 1 OF 14 AS NECESSARY, BEGIN CONSTRUCTION OF -SR6- AS SHOWN ON TMP-4.

- USING RSD 1101.03, SHEET 1 OF 9 AND TMP-4, PERFORM THE FOLLOWING:
 - 1- INSTALL AND COVER DETOUR ROUTE SIGNS AS SHOWN ON TMP-5
 - 2- UNCOVER DETOUR ROUTE SIGNS, PLACE TRAFFIC ONTO DETOUR ROUTE, AND CLOSE -Y41- (POTTS CREEK RD).
 - 3- CONSTRUCT -Y41- POTTS CREEK RD UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.
 - 4- PLACE TEMPORARY PAVMENT MARKINGS IN THE FINAL PATTERN.
 - 5- COVER/REMOVE ALL DETOUR SIGNS AND OPEN -Y41- AND -SR6- TO TRAFFIC SIMULTANEOUSLY AS SHOWN ON TMP-8 AND TMP-9.

B) (-SR7-, -Y46-)

- 1- USING RSD 1101.02, SHEET 1 OF 14 AS NECESSARY, BEGIN CONSTRUCTION OF -SR7- FROM 16+00± TO 56+00± AND 57+00± TO 82+00±.
- 2- USING RSD 1101.02, SHEET 1 OF 14 AS NECESSARY, COMPLETE -SR7- FROM 57+00± TO 82+00± AND CONSTRUCT -Y46- AS SHOWN ON TMP-4.
- 3- COMPLETE CONSTRUCTION OF -SR7- FROM 16+00± TO 56+00±
- 4- SHIFT TRAFFIC TO PATTERN SHOWN ON TMP-9 THRU TMP-11.

C) (-L-, -RABT1-, -RABT2-, -SR6-, -SR7-, -SR8-, -SR9-, -SR10-, RAMPS)

- USING RSD 1101.02, SHEET 3 OF 14, BEGIN CONSTRUCTION OF -L- UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (WEDGE EXISTING PAVEMENT AS NEEDED TO MAINTAIN TRAFFIC. REPLACE ANY EXISTING MARKINGS COVERED UP BY THE WEDGING):

- L- STA 851+00± TO 857+50± (OUTSIDE RT)
- L- STA 859+50± TO 876+50± (OUTSIDE RT)
- L- STA 881+20± TO 898+50± (OUTSIDE RT)
- L- STA 900+00± TO 932+90± (OUTSIDE RT)

- L- STA 851+00± TO 857+50± (OUTSIDE LT)
- L- STA 859+50± TO 896+50± (OUTSIDE LT)
- L- STA 909+00± TO 957+00± (OUTSIDE LT)

- L- STA 889+16± TO 896+74± (MEDIAN TEMP ASPHALT PAD)
- L- STA 893+37± TO 898+96± (MEDIAN TEMP PVMT)
- L- STA 899+40± TO 912+32± (MEDIAN TEMP PVMT)
- L- STA 899+57± TO 909+00± (MEDIAN TEMP ASPHALT PAD)

NOTE: CONTRACTOR IS RESPONSIBLE FOR MAINTAINING ALL EXISTING ACCESSES ON EXISTING BETHLEHEM ROAD. PRIOR TO BEGINNING CONSTRUCTION ON -SR10-, THE CONTRACTOR SHALL SUBMIT AND HAVE APPROVED BY THE ENGINEER A PLAN TO MAINTAIN ALL EXISTING ACCESS ON EXISTING BETHLEHEM ROAD.

- AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF THE FOLLOWING AS SHOWN:

- RABT1-, -Y42RPC-, -Y42RPD-, -SR9-, -SR10-, -RABT2-, -Y42RPA-, -Y42RPB-, -SR6-, AND -SR7- (SEE TMP-8, TMP-9, AND TMP-10)

- USING RSD 1101.02, SHEET 1 OF 14, CONSTRUCT THE FOLLOWING:

- PVTENT2- (SEE TMP-6)
- Y9A- 17+50± TO 29+37± (SEE TMP-14,15)
- SR8- 15+50± TO 36+16± (SEE TMP-12,13)

- USING RSD 1101.03, SHEET 1 OF 9 AND TMP-14 AND TMP-15, PERFORM THE FOLLOWING:

- 1- INSTALL AND COVER DETOUR ROUTE SIGNS AS SHOWN ON TMP-16.
- 2- UNCOVER DETOUR ROUTE SIGNS, PLACE TRAFFIC ONTO DETOUR ROUTE, AND CLOSE -SR9A- (ANTHONY RD).
- 3- CONSTRUCT -SR9A- FROM 10+18± TO 17+50± UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE. (SEE TMP-14)
- 4- PLACE TEMPORARY PAVMENT MARKINGS IN THE FINAL PATTERN.
- 5- COVER/REMOVE ALL DETOUR SIGNS AND OPEN -SR9A- TO TRAFFIC.

PHASE I (CONT'D)

STEP 2 (SEE TMP-17 THRU TMP-19)

- L-
 - A- USING LAW ENFORCEMENT TO DIRECT TRAFFIC, DEACTIVATE SIGNAL AT BETHLEHEM RD INTERSECTION.
 - B- USING RSD 1101.02, SHEET 3 OF 14, INSTALL PCB ALONG US 74 EB MEDIAN.
 - C- USING RSD 1101.02, SHEET 3 OF 14, INSTALL PCB ALONG US 74 WB MEDIAN.
 - D- USING RSD 1101.02, SHEET 3 OF 14, RESTRIPE US 74 WB AS SHOWN ON TMP-18,19 AND SHIFT TRAFFIC TO NEW PATTERN.
 - E- USING RSD 1101.02, SHEET 3 OF 14, INSTALL PCB ALONG US 74 WB OUTSIDE.
 - F- BEHIND BARRIER, INSTALL TEMPORARY SHORING 01 AND CONSTRUCT -L- WB AND -Y42RPA- AS SHOWN.

-Y43-, -SR9-, -PVTENT1-

- A- USING RSD 1101.03, SHEET 1 OF 9 AND TMP-17, CLOSE ANTHONY RD TO TRAFFIC.
- B- USING RSD 1101.02, SHEET 1 OF 14 AS NECESSARY, CONSTRUCT -SR9-, -Y43-, AND -PVTENT1- AS SHOWN ON TMP-17 AND TMP18. WEDGE -Y43 TIE IN TO EXISTING MIDWAY LAKE ROAD AS NEEDED TO MAINTAIN TRAFFIC.

STEP 3 (SEE TMP-20 THRU TMP-24E)

- A) -Y42RPC-
 - 1- WITH MIDWAY LAKE TRAFFIC SHIFTED TO -SR9-, USING RSD 1101.02, SHEET 3 OF 14, CONSTRUCT FROM -L- 876+50± TO 881+20± AND -Y42RPC- FROM 10+00± TO 24+00±.

- SR10-
 - 1- INSTALL AND COVER DETOUR ROUTE SIGNS AS SHOWN ON TMP-23.
 - 2- UNCOVER DETOUR ROUTE SIGNS, PLACE TRAFFIC ONTO DETOUR ROUTE, AND CLOSE BETHLEHEM RD.
 - 3- CONSTRUCT -SR10- FROM 22+00± TO 28+50± AND -Y42RPD- FROM 20+50± TO 22+50± UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE.
 - 4- PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN.
 - 5- COVER/REMOVE ALL DETOUR SIGNS AND OPEN -SR10- TO TRAFFIC FROM 14+00± TO 28+50±.

- L-
 - 1- COMPLETE ALL WORK BEGUN IN PHASE I, STEP 1C.

- B) COMPLETE THE FOLLOWING UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE:
 - RABT 1-, -RABT 2-, -Y42-, -Y42RPA-, -Y42RPB-, -Y42RPC-, AND -Y42RPD- (FROM THE BACK OF THE GORE TO THE TERMINUS), -SR6-, -SR7-, -SR9-, AND -SR10-.

- C) USING RSD 1101.03, SHEET 7 OF 9 NIGHTLY, DETOUR EACH DIRECTION US 74 TRAFFIC UP AND DOWN PROPOSED RAMPS. (SEE ICT FOR TIME RESTRICTIONS) CONSTRUCT -L- UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE TMP-24, 24A, 24B):
 - L- FROM STA. 884+50± TO 896+50±
 - L- RIGHT FROM STA. 896+50± TO 898+50±

(NOTE: PLACE TEMPORARY MARKINGS AND REOPEN TRAFFIC ON -L- [US 74] AT THE END OF EACH NIGHTLY WORK PERIOD. REPEAT THIS STEP UNTIL CONSTRUCTION IS COMPLETE.)

- D) -L- (SEE TMP-24C, 24D, 24E)
 - 1- USING RSD 1101.02, SHEET 3 OF 14, REMOVE PCB ALONG US 74 WB OUTSIDE.
 - 2- USING RSD 1101.02, SHEET 3 OF 14, RESTRIPE US 74 WB AS SHOWN ON TMP-20,21,22 AND SHIFT TRAFFIC TO NEW PATTERN.
 - 3- USING RSD 1101.02, SHEET 3 OF 14, INSTALL PCB ALONG US 74 WB MEDIAN.
 - 4- USING RSD 1101.02, SHEET 3 OF 14, REMOVE PCB ALONG US 74 EB MEDIAN.

- D) (CONT'D)
 - 5- BEHIND BARRIER, CONSTRUCT -L- MEDIAN INCLUDING TEMPORARY SHORING FOR BRIDGE MEDIAN BENT AS SHOWN ON TMP-21, 22.
 - 6- CONSTRUCT PROPOSED -Y42- BRIDGE OVER US 74. USE RSD 1101.03, SHEET 7 OF 9, TO DETOUR EACH DIRECTION US 74 TRAFFIC UP AND DOWN PROPOSED RAMPS WHEN HANGING PROPOSED GIRDERS. (SEE ICT FOR TIME RESTRICTIONS)

PHASE II (TMP-25 - 32)

STEP 1)

- A) USING RSD 1101.02, SHEET 3 OF 14, INSTALL PAVEMENT MARKINGS AS SHOWN ON TMP-25 THRU 30 AND SHIFT TRAFFIC TO PATTERN SHOWN. INSTALL FINAL PAVEMENT MARKINGS (SEE FINAL PAVEMENT MARKING PLAN) ON -Y42-, -Y42RPA-, -Y42RPB-, -Y42RPC-, -Y42RPD-, -SR6-, -SR7-, -SR9-, AND -SR10-.

- B) USING RSD 1101.02, SHEET 3 OF 14, INSTALL PCB ON US 74 EB MEDIAN AS SHOWN ON TMP-27,28.

- C) USING RSD 1101.02, SHEET 3 OF 14, CONSTRUCT THE FOLLOWING:

- L- STA 898+50± TO 909+00± (EB MEDIAN)

STEP 2) (-L-, -SR8-)

- 1- CLOSE HARMON RD AS SHOWN ON TMP-31.
- 2- USING RSD 1101.02, SHEET 3 OF 14, CONSTRUCT -L- STA 932+90± TO 955+00± (EB OUTSIDE) (SEE TMP-31 AND TMP-32)
 - AWAY FROM TRAFFIC, CONSTRUCT -SR8- FROM 10+75± TO 17+50± UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE.
 - AWAY FROM TRAFFIC, COMPLETE CONSTRUCTION OF -SR8- FROM 17+50± TO 35+75±
- 3- AWAY FROM TRAFFIC, INSTALL TEMPORARY PAVEMENT MARKINGS.
- 4- OPEN NEWLY CONSTRUCTED -SR8- TO TRAFFIC.

PHASE III (TMP-33 THRU TMP-41)

STEP 1 (SEE TMP-33)

- 1- USING LAW ENFORCEMENT TO DIRECT TRAFFIC, DEACTIVATE EXISTING SIGNAL AT LONGBRANCH RD.
- 2- USING RSD RSD 1101.02, SHEET 3 OF 14, CONSTRUCT -L- FROM 857+50± TO 859+50± UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE
 - AWAY FROM TRAFFIC, CONSTRUCT CUL DE SAC ON -SR11- AND SHIFT -SR6- TRAFFIC TO INCLUDE -PVTENT2-

STEP 2 (SEE TMP- 34 THRU TMP-41)

- A- USING RSD 1101.02, SHEET 3 OF 14, SHIFT TRAFFIC TO PATTERN SHOWN.
- B- USING RSD 1101.02, SHEET 3 OF 14, CONSTRUCT MEDIAN WIDENING ON -L- UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS SHOWN AND REMOVE BARRIER AS NEEDED. WEDGE EXISTING -L- AS NEEDED TO BRING IT UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

PHASE IV (NOT SHOWN)

STEP 1

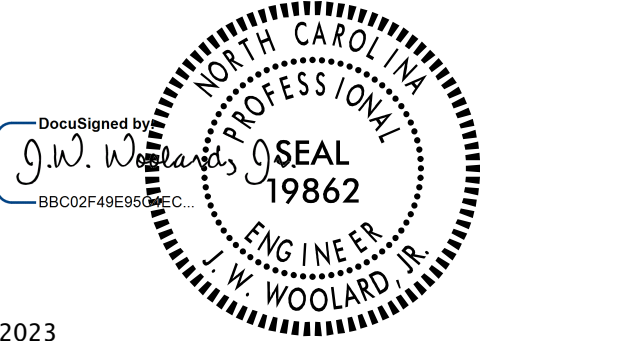
- 1- USING RSD 1101.02, SHEET 3 OF 14, REMOVE ANY REMAINING PCB ON -L-
- 2- USING RSD 1101.02, SHEET 3 OF 14, INSTALL FINAL LAYER OF SURFACE COURSE ON -L- AND INSTALL FINAL PAVEMENT MARKINGS AND MARKERS.
 - USING BRSD 1101.02, SHEET 1 OF 14, INSTALL FINAL LAYER OF SURFACE COURSE ON ALL -Y- LINES AND INSTALL FINAL PAVEMENT MARKINGS AND MARKERS.
- 3- REMOVE ALL TRAFFIC CONTROL DEVICES AND OPEN ALL ROADS TO THE FINAL TRAFFIC PATTERN.

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