

PROJ. REFERENCE NO.	SHEET NO.
B-3186 / B-5898	TMP- 03

PHASE I

STEP 1) PRIOR TO ANY CONSTRUCTION ACTIVITY, INSTALL WORK ZONE ADVANCE WARNING SIGNS ON ALL ROADS INVOLVED (US 74/US 23 AND US 19) AND WORK ZONE SPEED REDUCTION SIGNS AND DEVICES ACCORDING TO THE ROADWAY STANDARD DRAWING (RSD) 1101.01 AND DETAIL ON TMP-02F.

STEP 2) BEGIN THE FOLLOWING WORK AT ANY TIME DURING PHASE I AND COMPLETE PRIOR TO PHASE II:

CONSTRUCT NEW SIGN SUPPORT AND REPLACEMENT GUARDRAIL AND REMOVE EXISTING SIGN SUPPORT ON WESTBOUND US 74/US 23 FOR EXIT 103 (SEE SIGNING PLANS AND TMP-06) AS FOLLOWS:

PLACE DRUMS AND CMS FOR TEMPORARY CLOSURE OF WESTBOUND AUXILIARY LANE FOR WORK ON THE OUTSIDE SHOULDER (SEE TMP-06 AND TMP-07) AND USE 1101.02 (SHEET 4 OF 14) FOR TEMPORARY CLOSURE OF THE INSIDE WESTBOUND LANE FOR WORK ON THE INSIDE SHOULDER.

USE RSD 1101.03 (SHEET 9 OF 9) FOR ROLLING ROADBLOCK TO TEMPORARILY STOP TRAFFIC TO REMOVE AND INSTALL OVERHEAD SIGN STRUCTURE AND SIGNS (SEE TMP-06 AND TMP-07 AND SIGNING PLANS).

STEP 3) COORDINATE WITH TOWN OF WAYNESVILLE PARKS & RECREATION AND USE PEDESTRIAN BARRICADES TO CLOSE WAYNESVILLE GREENWAY PARK AT S. LAKESHORE DRIVE AND AT INDUSTRIAL PARK DRIVE TO PEDESTRIAN AND BICYCLE TRAFFIC (SEE DETAIL AND INSET ON TMP-05).

STEP 4) USE RSD 1101.02 (SHEET 4 OF 14) FOR TEMPORARY LANE CLOSURE TO REMOVE EXISTING MARKINGS AND PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS ON EASTBOUND US 74/US 23 ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-04 THRU TMP-07)

-L_RT- STA. 6+50 +/- TO STA. 38+26 +/-

AND SHIFT EASTBOUND US 74/US 23 TRAFFIC INTO NEW TEMPORARY PATTERN.

STEP 5) USE RSD 1101.02 (SHEET 4 OF 14) FOR TEMPORARY OUTSIDE LANE CLOSURE ON EASTBOUND US 74/US 23 AND PLACE PCB ALONG OUTSIDE SHOULDER ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-04 THRU TMP-06)

-L_RT- STA. 8+54 +/- TO STA. 35+74 +/- RT

STEP 6) WORK BEHIND BARRIER TO CONSTRUCT EASTBOUND US 74/US 23 TEMPORARY DETOUR (-DET01EB-) UP TO EXISTING EDGE OF PAVEMENT, INCLUDING FINAL DRAINAGE, TEMPORARY DRAINAGE FOR RICHLAND CREEK TRIBUTARY, TEMPORARY BRIDGE, TEMPORARY SHORING 1, 2, AND 3, AND RETAINING WALL 3, AND RELOCATE GROUND MOUNTED SIGNS ACCORDING TO THE FOLLOWING STATIONS: (SEE OVERVIEW ON TMP-03B AND DETAILS ON TMP-04 THRU TMP-06)

-DET01EB- STA. 10+12 +/- TO STA. 35+70 +/-

WORK BEHIND BARRIER OR GUARDRAIL, USE RSD 1101.02 (SHEET 4 OF 14) FOR TEMPORARY LANE CLOSURE, OR RSD 1101.04 FOR TEMPORARY SHOULDER CLOSURE AS NEEDED FOR TRENCHLESS INSTALLATION OF PHASE I DRAINAGE CROSSINGS.

STEP 7) WORK BEHIND BARRIER TO PLACE PCB AND TEMPORARY PAVEMENT MARKING AND MARKERS ON EASTBOUND US 74/US 23 DETOUR (-DET01EB-) ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-08 THRU TMP-10)

-DET01EB- STA. 10+10 +/- TO STA. 22+20 +/- RT (PCB)
 -DET01EB- STA. 16+10 +/- TO STA. 22+20 +/- LT (PCB)
 -DET01EB- STA. 25+50 +/- TO STA. 35+70 +/- RT (PCB)
 -DET01EB- STA. 25+50 +/- TO STA. 30+80 +/- LT (PCB)
 -DET01EB- STA. 12+00 +/- TO STA. 31+00 +/- (PAVEMENT MARKING)

STEP 8) USE RSD 1101.02 (SHEET 4 OF 14) FOR TEMPORARY LANE CLOSURES ON EASTBOUND US 74/US 23 TO PERFORM THE FOLLOWING TO TIE PAVEMENT BETWEEN US 74/US 23 (-L_RT-) AND DETOUR (-DET01EB-):

REMOVE PCB AT BEGINNING AND END OF DETOUR AND REPLACE WITH DRUMS.

PLACE PAVEMENT WEDGING BETWEEN EXISTING TRAVEL LANES AND DETOUR LANES TO TIE PAVEMENT ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-04 AND TMP-06)

-L_RT- STA. 8+54 +/- TO STA. 13+01 +/-
 -L_RT- STA. 30+89 +/- TO STA. 35+69 +/-

MAINTAIN EASTBOUND TRAFFIC IN ONE LANE ON US 74/23.

COMPLETE TEMPORARY PAVEMENT MARKINGS AND MARKERS ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-08 THRU TMP-10)

-DET01EB- STA. 8+00 +/- TO STA. 12+00 +/-
 -DET01EB- STA. 31+00 +/- TO STA. 40+00 +/-

AND SHIFT EASTBOUND US 74/US 23 TRAFFIC, ONE LANE AT A TIME, ONTO TEMPORARY EASTBOUND DETOUR (-DET01EB-) AS MARKINGS ARE COMPLETED. RESET DRUMS FOR NEW PATTERN.

STEP 9) USE RSD 1101.02 (SHEET 4 OF 14) FOR TEMPORARY LANE CLOSURES ON EASTBOUND DETOUR AND RESET PCB ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-08 AND TMP-10)

-L_RT- STA. 8+50 +/- TO -DET01EB - STA. 10+10 +/- RT
 -L_RT- STA. 9+70 +/- TO -DET01EB - STA. 16+10 +/- LT
 -DET01EB- STA. 30+80 +/- TO -DET01EB - STA. 35+00 +/- LT
 -DET01EB- STA. 35+70 +/- TO -DET01EB - STA. 38+00 +/- RT

PHASE II

STEP 1) USE RSD 1101.02 (SHEET 4 OF 14) FOR TEMPORARY LANE CLOSURES ON WESTBOUND US 74/US 23 TO REMOVE CONFLICTING MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING AND MARKERS ON WESTBOUND US 74/US 23 (-L_LT-) ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-08 THRU TMP-11)

-L_LT- STA. 10+00 +/- TO STA. 44+28 +/-

AND SHIFT WESTBOUND US 74/US 23 TRAFFIC INTO TEMPORARY PATTERN.

STEP 2) USE RSD 1101.02 (SHEET 4 OF 14) FOR TEMPORARY LANE CLOSURE OF INSIDE LANE OF WESTBOUND US 74/US 23 AND PLACE PCB ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-08 THRU TMP-11)

-L_LT- STA. 11+90 +/- TO STA. 30+70 +/- RT
 -L_LT- STA. 33+08 +/- TO STA. 41+78 +/- RT

STEP 3) BEGIN WORK BEHIND BARRIER TO CONSTRUCT WESTBOUND US 74/US 23 DETOUR (-DET01WB-), INCLUDING RETAINING WALL 4, STAGE 1 OF WESTBOUND FLYOVER BRIDGE ABUTMENTS, RETAINING WALLS 5 AND 6, STAGE 1 OF THE WESTBOUND BRIDGE OVER RICHLAND CREEK, REMOVAL OF WESTBOUND US 74/US 23 BRIDGE RAIL, AND REMOVAL OF EXISTING EASTBOUND BRIDGE OVER RICHLAND CREEK, ACCORDING TO THE FOLLOWING STATIONS: (SEE OVERVIEWS ON TMP-03B AND TMP-03C AND DETAILS ON TMP-08 THRU TMP-11)

-DET01WB- STA. 13+25 +/- TO -L_LT- STA. 40+74 +/-

EXISTING US 74/ US 23 EASTBOUND BRIDGE OVER RICHLAND CREEK MAY BE USED AS NEEDED IN THIS PHASE BUT REMOVED PRIOR TO PHASE III.

WORK BEHIND BARRIER OR GUARDRAIL, USE RSD 1101.02 (SHEET 4 OF 14) FOR TEMPORARY LANE CLOSURE, OR RSD 1101.04 FOR TEMPORARY SHOULDER CLOSURE AS NEEDED FOR TRENCHLESS INSTALLATION OF PHASE II DRAINAGE CROSSINGS.

STEP 4) PRIOR TO STAGE 1 CONSTRUCTION OF WESTBOUND US 74/US 23 FLYOVER BRIDGE OVER US 19 AND ASSOCIATED WALLS 5 AND 6, INSTALL AND COVER EASTBOUND US 19 RAMP DETOUR SIGNS AND PLACE CMS WITH ADVANCE NOTIFICATION OF CLOSURE (SEE TMP-02E).

INTERMEDIATE CONTRACT TIME

COMPLETE THE FOLLOWING WORK OF PHASE II, STEPS 5 THROUGH 7 FOR RAMP -Y1_RT- IN ACCORDANCE WITH THE INTERMEDIATE CONTRACT TIME OF 30 DAYS (SEE SPECIAL PROVISIONS).

STEP 5) UNCOVER EASTBOUND US 19 RAMP DETOUR SIGNS, PLACE BARRICADES TO CLOSE RAMP TO ALL TRAFFIC AND PERFORM THE FOLLOWING ON THE EASTBOUND US 19 RAMP: (SEE TMP-10)

CONSTRUCT THE PROPOSED RAMP SHOULDERS (-Y1_RT) UP TO EXISTING EDGE AND ELEVATION ACCORDING TO THE FOLLOWING STATIONS:

-Y1-RT STA. 16+83 +/- TO 23+90 +/- RT
 -Y1-RT STA. 25+00 +/- TO 28+83 +/- LT

CONSTRUCT PROPOSED RAMP INLETS AND PIPES ASSOCIATED WITH STRUCTURES 532, 533, TO 629 AND 608 TO 609. COVER 608 AND 609 WITH STEEL PLATE (SEE TMP-17) AND MAKE ALL PAVEMENT REPAIRS.

STEP 6) RESET PCB ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-17)

-Y1_RT- STA. 16+50 +/- TO STA. 25+50 +/- LT
 -Y1_RT- STA. 17+60 +/- TO 23+80 +/- RT

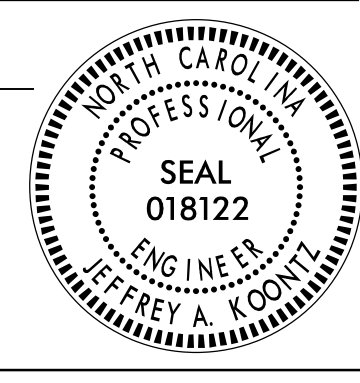

STEP 7) PLACE TEMPORARY PAVEMENT MARKING ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-17)

-Y1-RT STA. 15+00 +/- TO 28+83 +/-

REMOVE BARRICADES, COVER DETOUR SIGNS AND OPEN EASTBOUND RAMP TO TRAFFIC IN NEW TEMPORARY PATTERN.

STEP 8) WORK BEHIND BARRIER TO COMPLETE STAGE 1 OF WESTBOUND US 74/US 23 FLYOVER BRIDGE ABUTMENT #2, RETAINING WALL #7 AND CONSTRUCT THE LEFT SIDE OF US 19 EASTBOUND RAMP (-Y1_RT-) UP TO

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<p>APPROVED: <i>Jeffrey A. Kooft</i></p> <p>DATE: 10/17/2023</p>  <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	 <p>AECOM NC FIRM LICENSE No: F-0342 5438 Wade Park Blvd., Ste 200 Raleigh, NC 27607 (919) 854-6200</p>	<p>PROJECT PHASING</p>
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