

PHASE I

STEP 1) PRIOR TO ANY CONSTRUCTION ACTIVITY, INSTALL WORK ZONE ADVANCE WARNING SIGNS ON ALL ROADS INVOLVED: US 29, BARNES ST. (SR 2817), WATLINGTON INDUSTRIAL DR., AND HOLIDAY LOOP ACCORDING TO THE ROADWAY STANDARD DRAWING 1101.01.

-L- ROADWAY & WATERLINE CONSTRUCTION

STEP 2) WORK AWAY FROM TRAFFIC OR USE RSD 1101.02 (SHEET 2 OF 14) FOR TEMPORARY CLOSURE OF WESTBOUND SR 2817 (BARNES ST) OR (SHEET 1 OF 14) WITH FLAGGERS TO PERFORM THE FOLLOWING: (SEE TMP-4 THRU TMP-6 AND TMP-4A THRU TMP-6A)

BEGIN CONSTRUCTION OF THE WATER MAIN RELOCATION ALONG BARNES STREET, NOT INCLUDING THE SECTION UNDER US 29 AND CONNECTION TO EXISTING ON THE WESTERN END. INSTALL DRUMS TO CLOSE RAMP SHOULDERS PRIOR TO JACK AND BORE OPERATION OUTSIDE OF CLEAR ZONE TO INSTALL WATER MAIN UNDER -RPA- AND -RPD-. USE RSD 1101.02 (SHEET 1 OF 14) AND FLAGGERS TO CONSTRUCT WATERLINE EXTENSION ON WATLINGTON INDUSTRIAL DRIVE.

BEGIN CONSTRUCTION OF WESTBOUND -L- SR 2817 (BARNES ST) AND TEMPORARY PAVEMENT UP TO EXISTING EDGE AND ELEVATION ACCORDING TO THE FOLLOWING STATIONS:

- L- STA. 16+00 +/- TO -L- STA. 30+60 +/- LT
- L- STA. 39+41 +/- TO -L- STA. 42+00 +/- LT
- L- STA. 32+13 +/- TO -L- STA. 32+22 +/- RT (TEMP PVT)
- L- STA. 35+99 +/- TO -L- STA. 37+93 +/- RT (TEMP PVT)

USE DETAIL ON TMP-2E TO CLOSE RAMP AND DETOUR RAMP TRAFFIC TO THE ADJACENT INTERCHANGE AND CONSTRUCT RAMP A AND RAMP D ACCORDING TO THE FOLLOWING STATIONS:

- RPA- STA. 12+50 TO -RPA- STA. 13+51 +/- RT
- RPD- STA. 11+70 TO -RPD- STA. 13+75 +/-

WHEN WORKING AT THE SIGNALIZED INTERSECTIONS, USE RSD 1101.02 (SHEET 1 OF 14) AND FLAGGERS AS NEEDED FOR TEMPORARY LANE CLOSURES TO INSTALL SR 2817 TEMPORARY SIGNALS AT -Y1- (WATLINGTON INDUSTRIAL DR), RAMP A/RAMP B, AND RAMP C/RAMP D. (SEE TMP-5A AND TMP-6A)

STEP 3) USE RSD 1101.02 (SHEET 4 OF 14) FOR TEMPORARY LANE CLOSURES ON US 29, REMOVE EXISTING LANE MARKING AND PLACE TEMPORARY MARKINGS (PAINT) TO NARROW THE INSIDE LANE ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-07)

- Y- STA. 12+00 +/- TO 28+50 +/- NBL
- Y- STA. 13+00 +/- TO 30+00 +/- SBL

AND INSTALL PORTABLE CONCRETE BARRIER (PCB) ALONG THE MEDIAN AND OUTSIDE SHOULDERS OF SBL & NBL US 29 ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-07)

- Y- STA. 14+00 +/- TO 27+00 +/- NBL LT & RT
- Y- STA. 14+50 +/- TO 28+00 +/- SBL MEDIAN
- Y- STA. 14+50 +/- TO 29+50 +/- SBL OUTSIDE

GRADING AND DRAINAGE BEHIND BARRIER (MEDIAN OR OUTSIDE WIDENING) MAY BEGIN FOR -Y- US 29 ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-11 AND TMP-11B)

- Y- STA. 15+00 +/- TO STA. 26+00 +/-

STEP 4) WORK BEHIND BARRIER, JACK AND BORE THE WATER MAIN UNDER US 29. (SEE TMP-6)

STEP 5) USE RSD 1101.02 (SHEET 3 OF 14) FOR TEMPORARY OUTSIDE LANE CLOSURE OF WESTBOUND SR 2817 (BARNES ST) AND PLACE DRUMS AND SKINNY DRUMS FOR TEMPORARY TRAFFIC PATTERN TO COMPLETE CONSTRUCTION OF THE WATERLINE TIE AT THE WESTERN END AND MAKE FINAL PAVEMENT REPAIRS. (SEE TMP-6)

AT THE END OF WORK EACH NIGHT PRIOR TO COMPLETION, INSTALL TRAFFIC BEARING PLATE OVER OPEN TRENCH, MOVE DRUMS AND SKINNY DRUMS AND OPEN BOTH WESTBOUND LANES OF SR 2817 (BARNES ST) TO TRAFFIC.

STEP 6) USE RSD 1101.02 (SHEET 1 OF 14) AND FLAGGERS FOR TEMPORARY LANE CLOSURES TO REMOVE EXISTING CONCRETE MEDIAN ISLAND ON BARNES ST AT RAMPS A & B, AT RAMPS C & D, WEST OF BRIDGE, AND CHANNELIZATION ISLAND AT RAMP C AND CONSTRUCT TEMPORARY PAVEMENT UP TO EXISTING EDGE AND ELEVATION. (SEE TMP-5A THRU TMP-6A AND ROADWAY PLAN SHEET 2B-2)

PLACE DRUMS AND TEMPORARY PAVEMENT MARKINGS (PAINT) TO DELINEATE THE ISLANDS UNTIL TRAFFIC SHIFT IN STEP 7.

STEP 7) USE FLAGGERS FOR TEMPORARY LANE CLOSURES ON SR 2817 (BARNES ST) REMOVE CONFLICTING MARKINGS AND PLACE TEMPORARY PAVEMENT MARKING (PAINT) AND MARKERS (RAISED) ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-5A AND TMP-6A AND ROADWAY PLAN SHEET 2B-1 FOR -LDET-1- ALIGNMENT)

- L- STA. 22+00 +/- TO -L- STA 23+54 +/-
- L- STA. 29+52 +/- TO -L- STA 41+04 +/-

UNCOVER AND ACTIVATE TEMPORARY SIGNALS AT -Y1- (WATLINGTON INDUSTRIAL DR), RAMP A/RAMP B AND RAMP C/RAMP D AND SHIFT SR 2817 (BARNES ST) AND RAMP TRAFFIC INTO TEMPORARY 2-LANE, 2-WAY -LDET-1- PATTERN.

STEP 8) USE RSD 1101.02 (SHEET 1 OF 14) AND FLAGGERS FOR TEMPORARY LANE CLOSURE AND PLACE THE PCB ALONG BARNES ST ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-5A THRU TMP-6A)

- L- STA. 32+50 +/- TO -L- STA. 37+45 +/- RT
- L- STA. 36+00 +/- TO -L- STA. 37+40 +/- RT

-L- ROADWAY & BRIDGE CONSTRUCTION

STEP 9) WORK BEHIND BARRIER AND CONSTRUCT -L- (BARNES ST) ROADWAY, TEMPORARY PAVEMENT, AND STAGE 1 BRIDGE DEMOLITION AND CONSTRUCTION, INCLUDING STAGE 1 WALLS ACCORDING TO THE FOLLOWING STATIONS: (SEE TMP-5A THRU TMP-6A, ROADWAY PLAN SHEET 2B-2, AND STRUCTURE PLANS FOR DETAILS).

- L- STA. 31+70 +/- TO STA. 33+83.5 +/- LT
- L- STA. 33+83.5 +/- TO STA. 35+62.5 +/- LT (BRG STAGE

1)

- L- STA. 35+62.5 +/- TO STA. 38+25 +/- LT
- L- STA. 31+55 +/- TO STA. 33+43 +/- LT (TEMP PVT)
- L- STA. 35+69 +/- TO STA. 38+35 +/- LT (TEMP PVT)

GIRDER REMOVAL AND INSTALLATION OVER US 29

STEP 9A) WORK OVER CONSECUTIVE NIGHTS DURING THE ALLOWABLE CLOSURE HOURS, REMOVE GIRDERS OF WESTBOUND SR 2817 OVER NORTHBOUND US 29 AS FOLLOWS:

USE RSD 1101.03 (SHEET 7 OF 9) FOR TEMPORARY CLOSURE OF US 29 WITH TRAFFIC DETOURED VIA INTERCHANGE RAMP AND RSD 1101.03 (8 OF 9) FOR TEMPORARY ROAD CLOSURE OF SR 2817.

AT THE END OF EACH NIGHT, OPEN ALL LANES TO TRAFFIC.

USE THE SAME STEPS FOR TEMPORARY ROAD CLOSURES TO INSTALL GIRDERS OVER NORTHBOUND US 29.

STEP 9B) WORK OVER CONSECUTIVE NIGHTS DURING THE ALLOWABLE CLOSURE HOURS, REMOVE GIRDERS OF WESTBOUND SR 2817 OVER SOUTHBOUND US 29 AS FOLLOWS:

USE RSD 1101.03 (SHEET 7 OF 9) FOR TEMPORARY CLOSURE OF US 29 WITH TRAFFIC DETOURED VIA INTERCHANGE RAMP AND RSD 1101.03 (SHEET 8 OF 9) FOR TEMPORARY ROAD CLOSURE OF SR 2817.

AT THE END OF EACH NIGHT, OPEN ALL LANES TO TRAFFIC.

USE THE SAME STEPS FOR TEMPORARY ROAD CLOSURES TO INSTALL GIRDERS OVER SOUTHBOUND US 29.

PHASE II

-L- ROADWAY & BRIDGE CONSTRUCTION

STEP 1) WORK BEHIND BARRIER OR AWAY FROM TRAFFIC AND PLACE TEMPORARY PAVEMENT MARKING (PAINT) AND MARKERS (RAISED) AND PCB ALONG -LDET-2- ALIGNMENT ACCORDING TO THE FOLLOWING STATIONS (SEE TMP-9 AND TMP-10 AND ROADWAY PLAN SHEET 2B-1 FOR -LDET-2 ALIGNMENT):

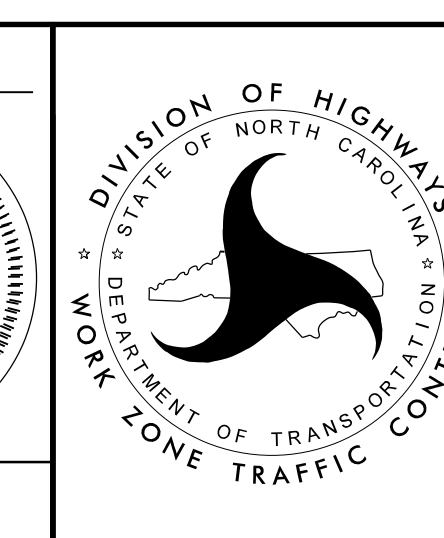


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PROJECT PHASING