

PROJECT PHASING

PROJ. REFERENCE NO.	SHEET NO.
R-2237B	TCP-5

-- BEHIND BARRIER/AWAY FROM TRAFFIC CONSTRUCT DETOUR NO. 1 (-DET1-) UP TO THE EDGE AND ELEVATION OF EXISTING US 321 FROM STA. 75+00 +/- -L- TO STA. 87+00 +/- -L- INCLUDING THE PROPOSED LEFT (DOWNSTREAM) EXTENSION OF THE 8 FT. x 6 FT. R.C.B.C. AT STA. 78+32 +/- -L-, THE LEFT (UPSTREAM) EXTENSION OF THE 8 FT. x 5 FT. R.C.B.C. AT STA. 82+95 +/- -L- AND PROPOSED RETAINING WALL NO. 2 LEFT OF STA. 85+00 +/- -L- (SEE CONSTRUCTION PLANS AND SHEET TCP-17)

STEP 6 -- USING FLAGGING OPERATIONS AS SHOWN ON SHEET TCP-45, PERFORM THE FOLLOWING:

- REMOVE AND RESET THE PORTABLE CONCRETE BARRIER INSTALLED DURING STEP 5 TO THE OUTSIDE EDGE OF COMPLETED DETOUR NO.1 (-DET1-) ADJACENT TO THE SOUTHBOUND TRAVEL LANE AS SHOWN ON SHEET TCP-18.
- WORK IN A CONTINUOUS MANNER TO COMPLETE IN A SINGLE WORK PERIOD THE PLACEMENT OF TEMPORARY PAVEMENT MARKINGS (PAINT) AND MARKERS (SNOWPLOWABLE) FROM STA 75+00 +/- -L- TO STA. 87+00 +/- -L-, PLACE ADVANCE WARNING SIGNS, AND OPEN DETOUR NO.1 (-DET1-) TO TWO LANE - TWO WAY TRAFFIC (SEE SHEET TCP-18).

STEP 7 -- USE ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 3 OF 7 AND FLAGGING OPERATIONS AS SHOWN ON SHEET TCP-45, PERFORM THE FOLLOWING:

- WORK IN A CONTINUOUS MANNER TO COMPLETE EACH OF THE FOLLOWING SEGMENTS OF EXISTING PAVEMENT MARKING AND MARKER REMOVAL/REPLACEMENT IN A SINGLE WORK PERIOD. REMOVE THE EXISTING PAVEMENT MARKINGS AND MARKERS AND PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) AND MARKERS (SNOWPLOWABLE) FOR A TWO LANE - TWO WAY INTERMEDIATE TRAFFIC PATTERN, INSTALL ADVANCE WARNING SIGNS AND SHIFT TRAFFIC IN THE FOLLOWING LOCATIONS (SEE SHEETS TCP-14 & TCP-15 AND TCP-21 THROUGH TCP-25.):
- FROM A POINT APPROXIMATELY 2320' SOUTH OF THE BEGINNING OF THE PROJECT TO STA. 26+00 +/- -L-
- STA. 165+00 +/- -L- TO STA. 204+00 +/- -L-
- STA. 229+00 +/- -L- TO STA. 272+00 +/- -L-

WHENEVER THE WORK OF PHASE I STEP 8 REQUIRES A BLASTING OPERATION, SEE LOCAL NOTE 1 ON SHEET TCP-3, INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

NOTE: WHENEVER THE WORK OF PHASE I, STEP 8 REQUIRES WIDENING BEYOND EXISTING GUARDRAIL, SEE LOCAL NOTE NO. 2 ON SHEET TCP-3.

NOTE: STEPS 8 THROUGH 16 MAY BE PERFORMED CONCURRENTLY.

STEP 8 -- USING FLAGGING OPERATIONS AS SHOWN ON SHEET TCP-45, PERFORM THE FOLLOWING :

- BEGIN CONSTRUCTION OF PROPOSED US 321 (-L-) UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS. (SEE CONSTRUCTION PLANS AND SHEETS TCP-22 THROUGH TCP 25):
- STA. 176+00 +/- -L- TO STA. 186+50 +/- -L- (LEFT AND RIGHT)
- STA. 186+50 +/- -L- TO STA. 209+00 +/- -L- (RIGHT)
- STA. 240+50 +/- -L- TO STA. 250+00 +/- -L- (LEFT AND RIGHT)
- STA. 253+50 +/- -L- TO STA. 261+50 +/- -L- (LEFT AND RIGHT)

-- BEGIN CONSTRUCTION OF PROPOSED US 321 (-L-) UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) AND MARKERS (SNOWPLOWABLE) FOR A TWO LANE - TWO WAY INTERMEDIATE TRAFFIC PATTERN TO BE UTILIZED DURING PHASE II CONSTRUCTION (SEE CONSTRUCTION PLANS AND SHEETS TCP-15 AND TCP-21 THROUGH TCP-25):

- STA. 9+86 +/- -L- TO STA. 31+50 +/- -L- (RIGHT)
- STA. 164+00 +/- -L- TO STA. 176+00 +/- -L- (LEFT)
- STA. 229+00 +/- -L- TO STA. 240+50 +/- -L- (RIGHT)
- STA. 250+00 +/- -L- TO STA. 253+50 +/- -L- (LEFT)
- STA. 261+50 +/- -L- TO STA. 273+00 +/- -L- (LEFT)

WHENEVER THE WORK OF PHASE I STEP 9 REQUIRES A BLASTING OPERATION, SEE LOCAL NOTE 1 ON SHEET TCP-3, INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

NOTE: WHENEVER THE WORK OF PHASE I, STEP 9 REQUIRES WIDENING BEYOND EXISTING GUARDRAIL, SEE LOCAL NOTE NO. 2 ON SHEET TCP-3.

STEP 9 -- USING FLAGGING OPERATIONS AS SHOWN ON SHEET TCP-45 AS NECESSARY, COMPLETE BOTH SIDES OF PROPOSED US 321 (-L-) AND PROPOSED SR 1371 (WATERFALLS RD.)/SR 1372 (RICHLAND RD.) (-Y1-) AS BEGUN IN STEP 3 AND PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS FOR THE INTERMEDIATE TRAFFIC PATTERN DETAILED ON SHEET TCP-20 AND SHIFT TRAFFIC IN THE FOLLOWING LOCATIONS:

- STA. 134+50 +/- -L- TO STA. 140+50 +/- -L-
- STA. 10+05 +/- -Y1- TO STA. 19+68 +/- -Y1-
- PLACE TYPE III BARRICADES WITH "ROAD CLOSED" (R11-2) SIGNS TO CLOSE THE FOLLOWING:
- EXISTING RICHLAND RD. BETWEEN WATERFALLS RD. AND EXISTING US 321.
- EXISTING WATERFALLS RD. BETWEEN EXISTING RICHLAND RD. AND EXISTING US 321.

-- USING FLAGGING OPERATION AS SHOWN ON SHEET TCP-45, BEGIN CONSTRUCTION OF PROPOSED US 321 (-L-) UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS (SEE CONSTRUCTION PLANS AND SHEET TCP-20):

- STA. 140+50 +/- -L- TO STA. 143+00 +/- -L- (LEFT AND RIGHT)
- STA. 143+00 +/- -L- TO STA. 146+50 (LEFT)

-- AWAY FROM TRAFFIC, PERFORM THE FOLLOWING (SEE CONSTRUCTION PLANS AND SHEET TCP-20):

- BEGIN CONSTRUCTION OF BOTH SIDES OF PROPOSED US 321 UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM STA. 146+50 +/- -L- TO STA. 149+00 +/- -L- AND PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) AND MARKERS (SNOWPLOWABLE) FOR A TWO-LANE, TWO WAY TRAFFIC PATTERN TO BE UTILIZED DURING PHASE II CONSTRUCTION.
- OBLITERATE AND REMOVE EXISTING RICHLAND RD. AND EXISTING WATERFALLS RD.

COMPLETE THE WORK OF PHASE I, STEP 10 IN 60 CONSECUTIVE CALENDAR DAYS AFTER AND INCLUDING THE DAY THE WORK IS BEGUN. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

NOTE: THE RESIDENT ENGINEER MUST PROVIDE THE PROPERTY OWNER OF PARCEL NO. 20 A MINIMUM OF 30 CALENDAR DAYS WRITTEN NOTIFICATION PRIOR TO CLOSING THE DRIVEWAY LOCATED RIGHT OF STA. 78+65 +/- -L- WHICH PROVIDES ACCESS TO SAID PARCEL.

STEP 10 -- CLOSE THE DRIVEWAY LOCATED RIGHT OF STA. 78+65 +/- -L- WHICH PROVIDES ACCESS TO PARCEL NO. 20.

-- USING FLAGGING OPERATION AS SHOWN ON SHEET TCP-45 AS NECESSARY TO CONSTRUCT THE RIGHT (UPSTREAM) EXTENSION OF THE 8 FT. x 6 FT. R.C.B.C. AT STA. 78+32 +/- -L- (SEE CONSTRUCTION PLANS AND SHEET TCP-18).

-- RE-ESTABLISH AND MAINTAIN ACCESS TO THE PREVIOUSLY CLOSED DRIVEWAY FROM US 321 AS DIRECTED BY THE ENGINEER.

STEP 11 -- USING FLAGGING OPERATION AS SHOWN ON SHEET TCP-45, CONSTRUCT THE RIGHT SIDE OF PROPOSED US 321 (-L-) INCLUDING THE RIGHT (DOWNSTREAM) EXTENSION OF THE 8 FT. x 5 FT. R.C.B.C. AT STA. 82+95 +/- -L- UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM STA. 75+00 +/- -L- TO STA. 87+00 +/- -L-. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) AND MARKERS (SNOWPLOWABLE) TO BE UTILIZED DURING PHASE II CONSTRUCTION (SEE CONSTRUCTION PLANS AND SHEET TCP-18 AND TCP-32.)

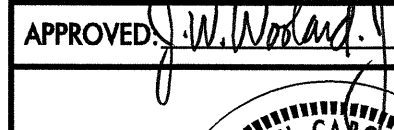
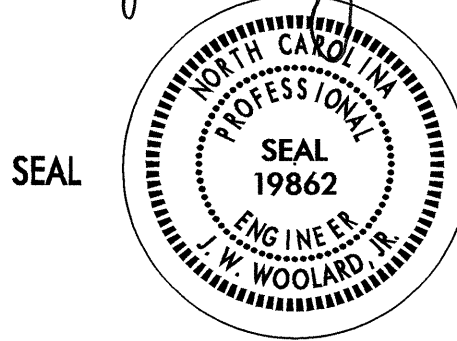
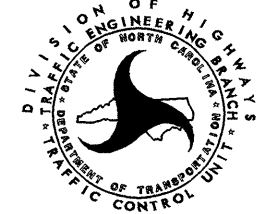
NOTE: WHENEVER THE WORK OF PHASE I, STEP 12 REQUIRES WIDENING BEYOND EXISTING GUARDRAIL, SEE LOCAL NOTE NO. 2 ON SHEET TCP-3.

STEP 12 -- CONSTRUCT BOTH SIDES OF PROPOSED US 321 (-L-) UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM STA. 97+00 +/- -L- TO STA. 110+25 +/- -L- IN THE FOLLOWING SEQUENCE (SEE CONSTRUCTION PLANS AND SHEET TCP-19):

A. USING FLAGGING OPERATION AS SHOWN ON SHEET TCP-45 PERFORM THE FOLLOWING :

- BEGIN THE CONSTRUCTION OF PROPOSED US 321 (-L-) FROM STA. 97+00 +/- -L- TO STA. 110+25 +/- -L- (RIGHT) UP TO THE EDGE AND ELEVATION OF EXISTING US 321.
- WORK IN A CONTINUOUS MANNER TO COMPLETE IN A SINGLE WORK PERIOD THE REMOVAL AND REPLACEMENT OF EXISTING PAVEMENT MARKINGS AND MARKERS FROM STA. 97+00 +/- -L- TO STA. 110+25 +/- -L-. PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) AND MARKERS (SNOWPLOWABLE), INSTALL ADVANCE WARNING SIGNS, AND SHIFT TRAFFIC AS SHOWN ON SHEET TCP-19.
- INSTALL PORTABLE CONCRETE BARRIER WITH CRASH CUSHIONS FROM STA. 97+80 +/- -L- TO STA. 107+75 +/- -L

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APPROVED:  DATE: 10/20/04		PROJECT PHASING								
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