PHASE IIC (AREA II: I-95) CONTINUED

Step 5:
Using Roadway Standard Drawing 1101.02, install Portable Concrete Barrier with top mounted delineators and relocate existing guide signs as shown on TCP-81 through TCP-84. Construct proposed -Y2- (I-95 Northbound) travel lanes and -COAD- up to, but not including, the final layer (See TCP-78 thru TCP-88).

Continue proposed -L-/-Y2- (I-95 Northbound) structure work (See TCP-85).

PHASE IID

AREA II (I-95)

WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK OF PHASE IID - STEPS 1 THRU 4 IN THIRTY (30) CONSECUTIVE CALENDAR DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES):

Step 1:
Using Roadway Standard Drawing 1101.02, sh. 3 of 7, and Changeable Message Signs, close temporary -Y2RPDET- at the -Y2- (I-95 Northbound) exit ramp to US 74 and place traffic on an off-site detour (See TCP-89, TCP-90, and TCP- 114).

Step 2:
Construct proposed -Y2- (I-95 Northbound) travel lanes, -COAD-, and temporary -RPDET2- up to, but not including, the final layer at the following locations, including temporary cable guiderail (See TCP-89 and TCP-90):

-Y2- (I-95 Northbound) Sta. 21+50+/- to Sta. 23+00+/-
-COAD- Sta. 21+10+/- to Sta. 21+80+/-
-RPDET2- (See Construction Plans)

Install proposed overhead sign assmblies over -COAD- at the following locations (See Signing Plans and TCP-85 and TCP-86):

-COAD- Sta. 28+00+/- Overhead Sign Assembly 'K' (excluding guide panels)
-COAD- Sta. 36+40+/- Overhead Sign Assembly 'L' (excluding guide panels)

Step 3:
Place pavement marking yellow median edgeline, white skip lines, and yellow outside edgeline as much as possible on newly-constructed -Y2- (I-95 Northbound) travel lanes, -COAD-, and -RPDET2-. Place Type III Barricades and drums along -COAD- to prohibit access to proposed -L- (See TCP-90 thru TCP-99).

Install exit sign for -COAD- (See Signing Plans and TCP-88, TCP-93, and TCP-94).

WORK IN A CONTINUOUS MANNER TO COMPLETE THE FOLLOWING WORK IN STEP 4:

Step 4:
Using Roadway Standard Drawing 1101.02 and Changeable Message Signs, shift -Y2- (I-95 Northbound) to the newly- constructed -Y2- (I-95 Northbound) lanes, -COAD- (one-lane, one-way traffic pattern), and -Y2RPDET2- (temporary access to existing US 74) (See TCP-90 thru TCP-99). Close off temporary Design-Build median crossovers with drums and Type III barricades.

Reopen the -Y2- (I-95 Northbound) exit ramp to US 74 utilizing temporary -Y2RPDET2- and remove traffic control devices from the off-site detour (See TCP-93 and TCP-94).

Step 5:
Using Roadway Standard Drawing 1101.02, sh. 3 of 7, remove all temporary median pavements (including Design-Build temporary median crossovers) from -Y2- (I-95).

Remove and reset and/or install Portable Concrete Barrier (top-mounted delineators) and Temporary Crash Cushions and double face cable guiderail along -COBC- prior to beginning -Y2- (I-95 Southbound) construction (See TCP-90 thru TCP-99).

Step 6:
Away from traffic, construct proposed -Y2- (I-95 Southbound) travel lanes up to, but not including, the final layer and the final -Y2- (I-95) median typical section (See TCP-90 thru TCP-99). Install pavement markings in the final pattern as much as possible on -Y2- (I-95 Southbound) lanes (See PMP-9, PMP-18, PMP-19, PMP-20, PMP-21, PMP-22. Install the proposed guardrail and proposed cable guiderail at locations as shown on the Construction Plans. Complete earth berm median pier protection at bridge locations on -Y2- (I-95). (See Roadway Standard Drawing 1101.02, sh. 3 of 7)

WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK OF PHASE IID - STEP 7 FROM 6:00 PM ON MONDAY TO 6:00 AM ON FRIDAY (84 CONSECUTIVE HOURS). (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES):

Step 7:
Switch -Y2- (I-95 Southbound) traffic to the proposed -Y2- (I-95 Southbound) lanes and complete placement of pavement markings in the final pattern. Close off access to -COBC- with drums and Type III barricades. (See Roadway Standard Drawing 1101.02, sh. 3 of 7).

AREA III (EXISTING US 74)

Step 1:
Place pavement markings and markers as much as possible for temporary traffic pattern on newly-constructed US 74 and structure over -Y2- (I-95) (See TCP-100, TCP-101, and TCP-102).

WORK IN A CONTINUOUS MANNER TO COMPLETE THE FOLLOWING WORK IN STEP 2:

Step 2:
Place temporary signals in caution mode and shift -Y3- (Existing US 74) Eastbound and Westbound traffic to the new structure and approaches utilizing the -Y3- temporary median crossover at Sta. 25+60+/- (See Roadway Standard Drawing 1101.02, Sheet 3 of 7 and TCP-100 thru TCP-102, and TCP-107). Place remaining pavement markings and markers. Install Portable Concrete Barrier along -Y3- eastbound lane at the following location:

-Y3- Sta. 18+02 +/- to Sta. 21+93 +/-

Close the existing -Y2- (I-95 Northbound and Southbound) entrance ramps and -Y3B- (W. Fifth St. SR 2499) at the -Y3- (existing US 74) interchange and place traffic on off-site detours (See TCP-100, TCP-101, and TCP-108).

Step 3:
Complete construction of proposed -Y3- US 74 Westbound lanes and -Y3B- (SR 2499) up to, but not including, the final layer of surface course at the existing -Y3- (US 74) interchange (See TCP-100 and TCP-101). Place pavement markings and markers as much as possible for temporary traffic pattern (See TCP-103). (See also AREA II PHASE IIA, STEP 1).

Step 4:
Shift -Y3- (US 74 Westbound) traffic to the newly-constructed westbound lanes and simultaneously close the temporary median crossover on existing -Y3- (US 74) at Sta. 25+60+/-. Open -Y3B- (SR 2499 W. Fifth St.) to traffic. (See Roadway Standard Drawing 1101.03, Sheet 3 of 7, and TCP-103 and TCP-104).

CONTRACTOR MAY PERFORM WORK IN AREA III, STEP 5, AND AREA III, STEP 7 SIMULTANEOUSLY UNLESS OTHERWISE SPECIFIED.

WORK IN A CONTINUOUS MANNER TO COMPLETE THE FOLLOWING WORK IN STEP 5 AND STEP 6:

Step 5:
Close existing -Y3A- (Kendrick Rd. SR 1589) to traffic and place on off-site detour. (See Roadway Standard Drawing 1101.03, sh. 1 of 9 and 2 of 9, TCP-100 and TCP-110).

Construct proposed -Y3A- (Kendrick Rd.) intersection up to, but not including the final layer, as shown on the Construction Plans (See Roadway Standard Drawing 1101.02, Sheet 1 of 7, and TCP-100). Place pavement markings as much as possible for final traffic pattern (See TCP-100).

Step 6:
Reopen -Y3A- (Kendrick Rd.) intersection to traffic and remove associated detour signing.

APPROVED: [signature] DATE: 6/25/04

SEAL — NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 022104 JOHN S. KITE, JR.

PHASE II

SCALE:	NONE
DATE:	
DWG. BY:	
DESIGN BY:	
REVIEWED BY:	

REVISIONS