

PHASING

GREENHORNE & O'MARA, INC.
 5565 CENTERVIEW DRIVE, SUITE 107
 RALEIGH, NORTH CAROLINA 27606
 (919) 851-1919



PROJ. REFERENCE NO.	SHEET NO.
U-2913B	TCP-4

NOTES:

RETURN TRAFFIC TO THE EXISTING PATTERN AT THE END OF EACH WORK DAY UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

USING INCIDENTAL STONE AS NECESSARY, MAINTAIN VEHICULAR ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE LIFE OF THE CONTRACT UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

COMPLETE ANY PROPOSED OR TEMPORARY WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE.

REFER TO LOCAL NOTE 1 WHEN INSTALLING DRAINAGE STRUCTURES ADJACENT TO OR WITHIN THE TRAVEL LANES.

THE CONTRACTOR IS RESPONSIBLE FOR RELOCATION OF EXISTING STOP SIGNS DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.

PHASE I (SEE PHASE I OVERVIEWS, SHEETS TCP-5 AND TCP-6)

STEP 1:
 INSTALL WORK ZONE SIGNS ACCORDING TO RSD 1110.01 AND SHEET TCP-25.

STEP 2:
 INSTALL AND COVER OFFSITE DETOUR SIGNS FOR CLOSURE OF -Y7-, -Y12-, AND -Y13-. (SEE DETAILS I-I, I-J AND II-F, SHEETS TCP-15, 16, AND 24)

BEGIN INSTALLATION OF THE TEMPORARY SIGNAL AT -Y14- (HILLTOP ROAD/-L- GUILFORD COLLEGE ROAD).

USING RSD 1101.02, SHEET 1 OF 7, BEGIN PROPOSED DRAINAGE; CURB AND GUTTER; AND WEDGING/WIDENING CONSTRUCTION IN THE FOLLOWING LOCATIONS, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE:

- STA 49+40.000 -L-(SB) TO STA 56+22 +/- -L-(SB)
- STA 56+50 +/- -L-(SB) TO STA 63+48 +/- -L-(SB)
- STA 63+85 +/- -L-(SB) TO STA 67+80 +/- -L-(SB)
- STA 68+80 +/- -L-(SB) TO STA 71+83.981 -L-(SB)
- Y6-
- Y9-
- Y10A-
- Y10B-
- Y13A-
- Y14- RT SIDE (WEST OF -L-)

USING RSD 1101.02, SHEET 3 OF 7, PLACE TEMPORARY MARKINGS & MARKERS AND INSTALL WATER-FILLED BARRIER AND SHORING AS SHOWN ON THE SHORING LOCATION DETAIL, SHEET TCP-6A, THEN BEGIN CONSTRUCTION ON THE CONCRETE CANTILEVER WALL AT PIEDMONT PARKWAY (-Y14-) AND GUILFORD COLLEGE ROAD (-L-). (SEE LOCAL NOTE 5)

USING RSD 1101.02, SHEET 1 OF 7, CONSTRUCT TEMPORARY PAVEMENT FROM THE FOLLOWING LOCATIONS:

- STA 50+05 +/- -L- TO STA 53+90 +/- -L- (NB)
- STA 56+60 +/- -L- TO STA 59+37 +/- -L- (NB)
- STA 59+67 +/- -L- TO STA 63+60 +/- -L- (NB)

(REPLACE EXISTING MARKINGS AND RETURN TRAFFIC TO EXISTING PATTERN AT THE END OF THE WORK DAY.) (SEE DETAILS I-A THRU I-D, SHEETS TCP-7 THRU TCP-10)

STEP 3:
 USING RSD 1101.02, SHEET 1 OF 7, PLACE TEMPORARY MARKINGS AND MARKERS ON TEMPORARY PAVEMENT AND SHIFT TRAFFIC. (SEE DETAILS I-E THRU I-H, SHEETS TCP-11 THRU TCP-14)

STEP 4:
 USING RSD 1101.02, SHEET 1 OF 7, COMPLETE CONSTRUCTION OF DRAINAGE, CURB AND GUTTER AND WEDGING AND WIDENING OF -Y10A- AND -Y10B-. (REPLACE EXISTING MARKINGS AND RETURN TRAFFIC TO EXISTING PATTERN AT THE END OF THE WORK DAY.)

COMPLETE THE WORK REQUIRED IN PHASE I, STEPS 5-7 IN CONSECUTIVE WEEKENDS BEGINNING AT 6:00 A.M. SATURDAY TO 10:00 P.M. SUNDAY. THE CONTRACTOR SHALL NOT WORK BETWEEN THE HOURS OF 10:00 P.M. SATURDAY AND 6:00 A.M. SUNDAY.

STEP 5:
 USING RSD 1101.03, SHEET 2 OF 9, CLOSE -Y7- AT -L- TO TRAFFIC, UNCOVER OFF-SITE DETOUR SIGNS AND PLACE -Y7- IN AN OFF-SITE DETOUR. (SEE DETAIL I-I, SHEET TCP-15)(SEE LOCAL NOTE 2)

STEP 6:
 CONSTRUCT -Y7- FROM STA 10+45.000 TO STA 10+90 +/- AND STA 56+22 +/- -L-(SB) TO STA 56+50 +/- -L-(SB), UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE OR CURB & GUTTER. (BACKFILL WITH ABC OR REPLACE EXISTING MARKINGS AND RETURN TRAFFIC TO EXISTING PATTERN.)(SEE INSET A ON PHASE I OVERVIEW (A), SHEET TCP-5)

STEP 7:
 OPEN -Y7- TO EXISTING PATTERN AND REMOVE OFFSITE DETOUR SIGNS WHEN NO LONGER NECESSARY. (SEE NOTE "U" SHEET TCP-2)

COMPLETE THE WORK REQUIRED IN PHASE I, STEPS 8-10 IN CONSECUTIVE WEEKENDS BEGINNING AT 6:00 A.M. SATURDAY TO 10:00 P.M. SUNDAY. THE CONTRACTOR SHALL NOT WORK BETWEEN THE HOURS OF 10:00 P.M. SATURDAY AND 6:00 A.M. SUNDAY.

STEP 8:
 USING RSD 1101.03, SHEET 2 OF 9, CLOSE -Y12- AT -L- TO TRAFFIC, UNCOVER OFF-SITE DETOUR SIGNS AND PLACE -Y12- IN AN OFF-SITE DETOUR. (SEE DETAIL I-J, SHEET TCP-16)(SEE LOCAL NOTE 3)

STEP 9:
 CONSTRUCT -Y12- FROM STA 10+39.000 TO STA 10+95 +/- AND STA 63+48 +/- -L-(SB) TO STA 63+85 +/- -L-(SB), UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE OR CURB & GUTTER. (BACKFILL WITH ABC OR REPLACE EXISTING MARKINGS AND RETURN TRAFFIC TO EXISTING PATTERN.)(SEE INSET A ON PHASE I OVERVIEW (B), SHEET TCP-6)

STEP 10:
 OPEN -Y12- TO EXISTING PATTERN AND REMOVE OFFSITE DETOUR SIGNS WHEN NO LONGER NECESSARY. (SEE NOTE "U" SHEET TCP-2)

STEP 11:
 COMPLETE CONSTRUCTION OF THE CONCRETE CANTILEVER WALL AT PIEDMONT PARKWAY (-Y14-) AND GUILFORD COLLEGE ROAD (-L-).

STEP 12:
 USING RSD 1101.02, SHEET 1 OF 7, COMPLETE INSTALLATION OF TEMPORARY SIGNAL AT -Y14- (HILLTOP ROAD)/-L- (GUILFORD COLLEGE ROAD).

USING RSD 1101.02, SHEETS 1 AND 3 OF 7, CONSTRUCT WIDENING ON -L- (SB) FROM STA 67+80 +/- -L- TO STA 68+80 +/- -L- AND ALONG -Y14- (LT SIDE).

USING RSD 1101.02, SHEET 1 OF 7, COMPLETE WIDENING CONSTRUCTION AND WEDGE ON -L- (SB) (A MINIMUM OF 7.8m) AND ALL -Y- LINES ON WESTBOUND SIDE, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE. PLACE TWO LANE, TWO-WAY MARKINGS AND MARKERS, ACTIVATE TEMPORARY SIGNAL AT -Y14-/-L-, AND SHIFT TRAFFIC TO PHASE 2 PATTERN. (SEE DETAILS II-A THRU II-E, SHEETS TCP-19 THRU TCP-23)

PHASE II (SEE PHASE II OVERVIEWS, SHEETS TCP-17 AND TCP-18)

STEP 1:
 USING RSD 1101.02, SHEET 1 OF 7, BEGIN PROPOSED DRAINAGE; CURB AND GUTTER; AND WEDGING/WIDENING CONSTRUCTION IN THE FOLLOWING LOCATIONS, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE:

- STA 49+40.000 -L-(NB) TO STA 65+67 +/- -L-(NB)
- STA 66+00 +/- -L-(NB) TO STA 71.83.981 +/- -L-(NB)
- Y4-
- Y5-
- Y8-
- Y11-
- Y14-(EAST OF -L-)
- Y14A-

STEP 2:
 USING RSD 1101.02, SHEET 1 OF 7, COMPLETE CONSTRUCTION OF PROPOSED DRAINAGE; CURB AND GUTTER; AND WEDGING/ WIDENING CONSTRUCTION ON -Y11- FROM STA 10+10 +/- TO STA 10+67.000.

COMPLETE THE WORK REQUIRED IN PHASE II, STEPS 3-5 IN CONSECUTIVE WEEKENDS BEGINNING AT 6:00 A.M. SATURDAY TO 10:00 P.M. SUNDAY. THE CONTRACTOR SHALL NOT WORK BETWEEN THE HOURS OF 10:00 P.M. SATURDAY AND 6:00 A.M. SUNDAY.

STEP 3:
 USING RSD 1101.03, SHEET 2 OF 9, CLOSE -Y13- AT -L- TO TRAFFIC, UNCOVER OFF-SITE DETOUR SIGNS AND PLACE -Y13- IN AN OFF-SITE DETOUR. (SEE DETAIL II-F, SHEET TCP-24)(SEE LOCAL NOTE 4)

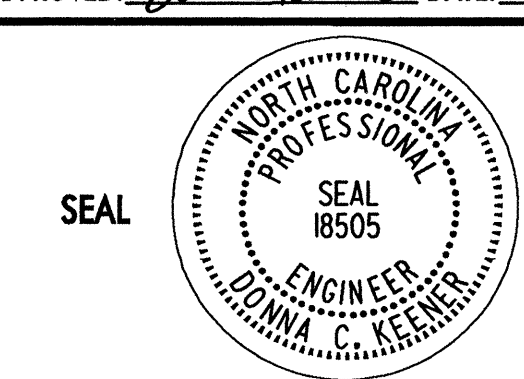
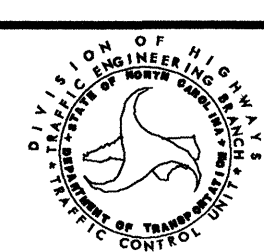
STEP 4:
 CONSTRUCT -Y13- FROM STA 10+04 +/- TO STA 10+58.000 AND STA 65+67 +/- -L-(NB) TO STA 66+00 +/- -L-(NB), UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE OR CURB & GUTTER. (BACKFILL WITH ABC OR REPLACE EXISTING MARKINGS AND RETURN TRAFFIC TO EXISTING PATTERN.)(SEE INSET A ON PHASE II OVERVIEW (B), SHEET TCP-18)

STEP 5:
 OPEN -Y13- TO EXISTING PATTERN AND REMOVE OFFSITE DETOUR SIGNS WHEN NO LONGER NECESSARY. (SEE NOTE "U" SHEET TCP-2)

STEP 6:
 COMPLETE THE FOLLOWING IN A CONTINUOUS MANNER:

- A) USING RSD 1101.02, SHEET 1 OF 7, COMPLETE WIDENING CONSTRUCTION AND WEDGE ON -L- (NB) AND ALL -Y- LINES (ON THE EAST SIDE OF -L-), UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.
- B) PLACE TEMPORARY MARKINGS AND MARKERS IN THE FINAL PATTERN ON ALL -Y- LINES ON THE EAST SIDE OF -L- USING PAINT MARKINGS AND TEMPORARY RAISED MARKERS IN LIEU OF THERMOPLASTIC MARKINGS AND PERMANENT RAISED MARKERS. (SEE PM PLANS PM-3 THRU PM-7)
- C) PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS IN THE FINAL PATTERN ON -L- FROM STA 65+99 +/- TO STA 71+83.981 AND -Y14- (HILLTOP ROAD/PIEDMONT PARKWAY) FROM STA 10+34.649 TO STA 15+50.000 USING PAINT MARKINGS AND TEMPORARY RAISED MARKERS IN LIEU OF THERMOPLASTIC MARKINGS AND SNOWPLOWABLE MARKERS. (SEE PM PLANS, SHEETS PM-8 THRU PM-10)

\$\$\$\$\$SYTIME\$\$\$\$\$
 \$\$\$USERNAME\$\$\$\$\$

APPROVED: <i>Donna Keener</i> DATE: 11/8/04		PHASING	
	SCALE: NONE		REVISIONS
	DATE: 11/8/04		
	DWG. BY: PMW		
	DESIGN BY: PMW/JAP		
REVIEWED BY: DCK		CAPD FILE	PHASING.DGN