

# PHASING

PRIOR TO ANY CONSTRUCTION OPERATIONS, PLACE ADVANCED WORK ZONE SIGNING IN ACCORDANCE WITH NCDOT DETAIL SHOWN ON SHEET TCP-21 AND TCP-22.

CONSTRUCT DRAINAGE STRUCTURES LOCATED IN THE EXISTING PAVEMENT UP TO THE EXISTING PAVEMENT ELEVATION AND COVERER WITH A TRAFFIC BEARING STEEL PLATE AS NEEDED. (SEE ROADWAY DESIGN PLANS)

DURING PHASE I CONSTRUCTION, TRAFFIC WILL BE MAINTAINED ON EXISTING (HANES MALL BLVD.).

## PHASE I

### STEP 1:

- AWAY FROM TRAFFIC, CONSTRUCT CULVERT EXTENSION AS SHOWN IN STRUCTURE PLANS AND ON SHEET TCP-5.
- BEGIN CONSTRUCTING PROPOSED SB HANES MALL BLVD, CURB AND GUTTER, 5' SIDEWALK (RT.) AND WIDENING, UP TO EDGE AND ELEVATION OF EXISTING ROADWAY, USING RDWY. STD. DRWG. 1101.02 (SHEET 3 OF 7). AS NEEDED, USE FLAGGERS TO MAINTAIN TRAFFIC THROUGH INTERSECTION DURING LANE CLOSURES. SEE SHEETS TCP-5, TCP-6 (SECTION A-A' AND SECTION B-B'), TCP-7 (SECTION C-C') AND TCP-8 (SECTION D-D'). FROM:

- L- STA. 10+09+/- TO -L- STA. 13+70+/-
- L- STA. 13+98+/- TO -L- STA. 19+95+/-
- L- STA. 23+10+/- TO -L- STA. 55+34+/-

NOTE: WEDGE PROPOSED WIDENING TO EXISTING ROADWAY AT STA. 18+50+/- -L- FOR A SMOOTH TRANSITION FOR FUTURE TRAFFIC SHIFT.

- USING RDWY. STD. DRWG. 1101.02 (SHEET 3 OF 7), PLACE WATER-FILLED BARRIER FROM STA. 10+00+/- -Y2- TO STA. 56+55+/- -L- AS SHOWN ON TCP-8 AND SECTION D-D'. ONCE WATER FILLED BARRIER IS INSTALLED, BEGIN CONSTRUCTING RETAINING WALL FROM:

- Y2- STA. 10+11+/- TO -L- STA. 56+45+/-

- CONSTRUCT WIDENING ALONG EXISTING WB I-40 (-Y1-) 415' BACK FROM STA. 10+00+/- -Y1- TO 415' AHEAD OF STA. 14+20+/- -Y1- USING RDWY. STD. DRWG. 1101.02 (SHEETS 3, 6, AND 7 OF 7). WEDGE WIDENING INTO EXISTING AS SHOWN ON TCP-9 AND SECTION E'-E.

- USING RDWY. STD. DRWG. 1101.02 (SHEET 1 OF 7) INSTALL TEMPORARY SHORING ALONG -L- (HANES MALL BLVD.) FROM: SEE SHEET TCP-9 AND TYPICAL 1

- L- STA. 19+81+/- TO STA. 19+98+/-
- L- STA. 22+83+/- TO STA. 23+00+/-

NOTE: ONCE SHORING IS INSTALLED, BEGIN CONSTRUCTION OF END BENTS AND APPROACHES FOR PROPOSED STRUCTURE (STAGE I) AS SHOWN ON TCP-9 AND STRUCTURE PLANS.

- BEGIN RELOCATING SIGNAL POLES AND INSTALLING TEMPORARY SIGNAL HEADS USING RDWY. STD. DRWG. 1101.02 (SHEET 3 OF 7) AND FLAGGERS AT THE INTERSECTION OF -Y- (KESTER MILL RD./HANES MALL BLVD.) AND -Y2-/HANES MALL BLVD. (SEE SIGNAL PLANS PROVIDED BY THE CITY OF WINSTON-SALEM)

- MAY BEGIN CONSTRUCTION OF PROPOSED NB HANES MALL BLVD INCLUDING WIDENING, UP TO EDGE AND ELEVATION OF EXISTING ROADWAY, CURB AND GUTTER AND 5' SIDEWALK USING ROADWAY STANDARD 1101.02 SHEET 1 OF 7. SEE SHEETS TCP-5, TCP-6 (SECTION A-A'), TCP-7 (SECTION C-C') AND TCP-8 (SECTION D-D') FROM:

- L- STA. 10+00+/- TO STA. -L- STA. 13+70+/-
- L- STA. 13+98+/- TO STA. -L- STA. 19+95+/-
- L- STA. 33+00+/- TO STA. -L- STA. 51+00+/-
- L- STA. 51+55+/- TO STA. -L- STA. 56+45+/-

### STEP 2:

- IN A CONTINUOUS MANNER COMPLETE STEP 2, (A) AND (B).

(A) USING RDWY. STD. DRWG. 1101.02 (SHEET 3, 6 AND 7 OF 7) REMOVE CONFLICTING EXISTING MARKINGS ON I-40 WBL AND PLACE TEMPORARY PAVEMENT MARKINGS (PAINT) AND TEMPORARY MARKERS (RAISED) AS SHOWN ON TCP-10 AND TYPICAL 2.

(B) SHIFT I-40 WBL TRAFFIC INTO TEMPORARY PATTERN AS SHOWN ON TCP-10 AND TYPICAL 2.

- USING RDWY. STD. DRWG. 1101.02 (SHEETS 3, 6, AND 7 OF 7) INSTALL (PCB) PORTABLE CONCRETE BARRIER AT THE FOLLOWING LOCATIONS OF -Y1- (I-40) AS SHOWN ON SHEET TCP-10 AND TYPICAL 2.

- Y1- STA. 10+00+/- TO -Y1- STA. 14+05+/- WB OUTSIDE SHOULDER
- Y1- STA. 9+30+/- TO -Y1- STA. 14+05+/- MEDIAN SHOULDER
- Y1- STA. 10+00+/- TO -Y1- STA. 14+60+/- EB OUTSIDE SHOULDER
- Y1- STA. 10+00+/- TO -Y1- STA. 15+10+/- EB MEDIAN SHOULDER

### STEP 3:

- BEHIND (PCB) PORTABLE CONCRETE BARRIER INSTALL TEMPORARY SHORING AT THE FOLLOWING LOCATIONS AS SHOWN ON TCP-10 AND TYPICAL 2. ONCE SHORING IS INSTALLED, CONSTRUCT INTERIOR BENT AS SHOWN IN STRUCTURE PLANS.

- STA. 11+84+/- -Y1- TO STA. 12+18+/- -Y1-
- STA. 11+60+/- -Y1- TO STA. 11+96+/- -Y1-
- STA. 12+19+/- -Y1- TO STA. 12+72+/- -Y1-
- STA. 11+36+/- -Y1- TO STA. 11+72+/- -Y1-
- STA. 11+51+/- -Y1- TO STA. 11+88+/- -Y1-
- STA. 12+19+/- -Y1- TO STA. 12+73+/- -Y1-

### STEP 4:

- (A) INSTALL DETOUR SIGNS AND (CMS) CHANGEABLE MESSAGE SIGNS FOR OFFSITE DETOUR OF I-40 TRAFFIC FOR INSTALLATION OF GIRDERS. SEE TCP-11

- (B) DURING THE TIMES ALLOWED (SEE TIME RESTRICTIONS FOR ROAD CLOSURES) AND USING RDWY. STD. DRWG. 1101.03 (SHEETS 7 OF 9) AND RDWY. STD. DRWG. 1101.07 (SHEETS 2 OF 2), DETOUR I-40 TRAFFIC FOR PLACEMENT OF GIRDERS FOR PROPOSED (STAGE I) STRUCTURE CONSTRUCTION ON (HANES MALL BLVD.).

NOTE: WHEN DETOUR IS NOT ACTIVE, COVER ALL DETOUR SIGNS AND DEACTIVATE ALL CMS BOARDS.

### STEP 5:

- COMPLETE CONSTRUCTION OF STAGE I STRUCTURE ON (HANES MALL BLVD.) AS SHOWN ON THE STRUCTURE PLANS USING DETOUR ROUTE ON TCP-11.

- COMPLETE RETAINING WALL CONSTRUCTION STATED IN PHASE I, STEP 1 AND REMOVE WATER FILLED BARRIER AND REPLACE WITH DRUMS.

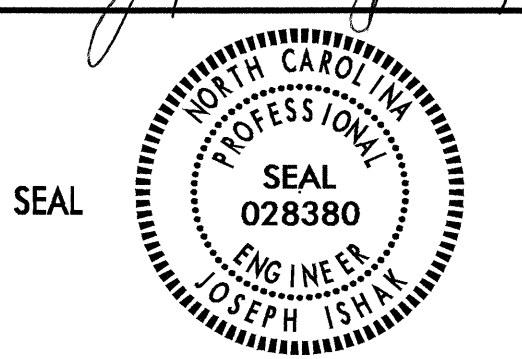

- COMPLETE CONSTRUCTION OF PROPOSED SB HANES MALL BLVD, CURB AND GUTTER, 5' SIDEWALK (RT.) AND WIDENING, UP TO EDGE AND ELEVATION OF EXISTING ROADWAY, USING RDWY. STD. DRWG. 1101.02 (SHEET 3 OF 7). AS NEEDED, USE FLAGGERS TO MAINTAIN TRAFFIC THROUGH INTERSECTIONS DURING LANE CLOSURES. SEE SHEETS TCP-5, TCP-6 (SECTION A-A' AND SECTION B-B'), TCP-7 (SECTION C-C') AND TCP-8 (SECTION D-D').

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NOTE: WEDGE PROPOSED WIDENING WITH EXISTING ROADWAY AT -L- STA. 18+50+/- FOR A SMOOTH TRANSITION FOR FUTURE TRAFFIC SHIFT.

- COMPLETE SIGNAL POLE RELOCATION AND INSTALLATION OF SIGNAL HEADS FOR TEMPORARY TRAFFIC PATTERN USING RDWY. STD. DRWG. 1101.02 (SHEET 3 OF 7) AND FLAGGERS AT INTERSECTION OF -Y- (KESTER MILL RD./HANES MALL BLVD.) AND -Y2-/HANES MALL BLVD. AND COVER TEMPORARY SIGNAL HEADS. (SEE SIGNAL PLANS PROVIDED BY THE CITY OF WINSTON-SALEM)

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APPROVED: <i>Joseph Ishak</i> DATE: 2/2/05 		<h2 style="margin: 0;">PHASING</h2>									
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