

PROJ. REFERENCE NO.	SHEET NO.
U-5312	TMP-3

PHASING

NOTES:

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 WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE. THIS MAY REQUIRE A COMBINATION OF INSTALLATION OF PROPOSED PIPES, TEMPORARY PIPES, STEEL PLATES, TEMPORARY MEDIAN, AND OUTSIDE DITCHES. PROVIDE WEDGING AS REQUIRED TO PROMOTE POSITIVE DRAINAGE AND SMOOTH TRANSITIONS.

INSTALL STEEL PLATES AS NEEDED FOR PARTIALLY COMPLETED CROSS PIPES.

PAVE PROPOSED CONSTRUCTION UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, IN ALL PHASES UNTIL STATED TO INSTALL FINAL LAYER IN PHASING.

ALL SIGNALS BEING INSTALLED ARE BAGGED IF NOT IMMEDIATELY ACTIVATED.

ALL SIGNAL TIMINGS MAY BE ADJUSTED AS DIRECTED BY THE ENGINEER.

THE TERM RSD REFERS TO ROADWAY STANDARD DRAWINGS.

PHASE 1

STEP 1: USING RSD 1101.01 (SHEETS 2 AND 3 OF 3), INSTALL ADVANCE WARNING SIGNS ON -L- (US 421) AND ALL -Y- LINES AND SIDE STREETS.

STEP 2: INSTALL TEMPORARY SIGNALS AT THE INTERSECTIONS OF -L- (US 421) AND -Y10- (US 421 BUS) AND -Y10- (US 421 BUS) AND -Y11- (CURTIS BRIDGE RD).

STEP 3: USING RSD 1101.02 (SHEET 3 OF 14), CLOSE THE OUTSIDE TRAVEL LANES ON -Y10- (US 421 BUS) AND THE INSIDE LEFT TURN LANE ON SOUTHBOUND -Y11- (CURTIS BRIDGE RD) AND INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON SHEET TMP-4 THRU TMP-6 AND ACTIVATE THE TEMPORARY SIGNALS INSTALLED IN STEP 2.

IN ACCORDANCE WITH THE TIME RESTRICTIONS ON TMP-2, CLOSE THE INSIDE TRAVEL LANE ON -L- (US 421) TO COMPLETE THE TEMPORARY WIDENING AS SHOWN ON SHEETS TMP-4 AND TMP-5.

IN ACCORDANCE WITH THE TIME RESTRICTIONS ON TMP-2, CLOSE THE OUTSIDE LANES ON -L- (US 421) TO CONSTRUCT THE OUTSIDES OF -L- (US 421) AS SHOWN ON SHEETS TMP-4 AND TMP-5.

CONSTRUCT THE PORTIONS OF -Y10- (US 421 BUS) AND -Y11- (CURTIS BRIDGE RD) AS SHOWN ON SHEETS TMP-4 THRU TMP-6.

PROVIDE TEMPORARY PORTABLE CONCRETE BARRIER WITH DRAINAGE SLOTS FOR DRAINAGE INSTALLATION FROM STRUCTURE 1514 TO 1644. SEQUENCE CONSTRUCTION AND ADJUST BARRIER AS NEEDED TO MAINTAIN AT LEAST ONE DRIVEWAY AT ALL TIMES.

CONSTRUCT MEDIAN AND CROSS PIPES ON -Y11- (CURTIS BRIDGE RD) USING TEMPORARY LANE CLOSURES AS NEEDED. FOR THE LEFT SIDE MEDIAN AND CROSS PIPE INSTALLATION, CLOSE THE NORTHBOUND TRAVEL LANE AND DETOUR TRAFFIC TO U-TURN AT THE NEXT INTERSECTION. SEE SHEETS TMP-4 AND TMP-5 FOR DETAIL.

PHASE 2

STEP 1: INSTALL TEMPORARY SIGNALS AT THE INTERSECTIONS OF -L- (US 421) AND -Y10- (US 421 BUS) AND -Y10- (US 421 BUS) AND -Y11- (CURTIS BRIDGE RD).

STEP 2: USING RSD 1101.02 (SHEET 3 OF 14) AS NEEDED, REMOVE ANY CONFLICTING MARKINGS, INSTALL TEMPORARY PAVEMENT MARKINGS AND SIGNAGE, ACTIVATE THE TRAFFIC SIGNALS INSTALLED IN STEP 1, AND SHIFT TRAFFIC INTO NEW PATTERN AS SHOWN ON SHEETS TMP-7 THRU TMP-10.

IN ACCORDANCE WITH THE TIME RESTRICTIONS ON TMP-2, CLOSE THE INSIDE TRAVEL LANES ON -Y10- (US 421 BUS) AND THE OUTSIDE TRAVEL LANES ON -Y11- (CURTIS BRIDGE RD) TO CONSTRUCT THE PORTIONS OF -Y10- (US 421 BUS) AND -Y11- (CURTIS BRIDGE RD) AS SHOWN ON SHEETS TMP-7 THRU TMP-10.

IN ACCORDANCE WITH THE TIME RESTRICTIONS ON TMP-2, CLOSE THE INSIDE LANES ON -L- (US 421) TO CONSTRUCT THE MIDDLE OF -L- (US 421) AS SHOWN ON SHEETS TMP-7 AND TMP-8.

CONSTRUCT MEDIAN, CROSS PIPES, AND TEMPORARY PLATED STRUCTURES USING TEMPORARY LANE CLOSURES AS NEEDED.

PHASE 3

STEP 1: INSTALL TEMPORARY SIGNALS AT THE INTERSECTIONS OF -L- (US 421) AND -Y10- (US 421 BUS) AND -Y10- (US 421 BUS) AND -Y11- (CURTIS BRIDGE RD). INSTALL THE FINAL TRAFFIC SIGNAL AT THE INTERSECTION OF -L- (US 421) AND -Y11- (CURTIS BRIDGE RD).

STEP 2: USING RSD 1101.02 (SHEET 3 OF 14) AS NEEDED, CONSTRUCT TEMPORARY PAVEMENT AND WEDGING AS SHOWN ON SHEET TMP-11, REMOVE ANY CONFLICTING MARKINGS, INSTALL TEMPORARY PAVEMENT MARKINGS AND SIGNAGE, ACTIVATE THE TRAFFIC SIGNALS INSTALLED IN STEP 1, AND SHIFT TRAFFIC INTO NEW PATTERN AS SHOWN ON SHEETS TMP-11 THRU TMP-12.

STEP 3: WITH THE OUTSIDE TRAVEL LANE ON -Y10- (US 421 BUS) CLOSED, CONSTRUCT THE PORTIONS OF -Y10- (US 421 BUS) AS SHOWN ON SHEETS TMP-11 THRU TMP-12.

IN ACCORDANCE WITH THE TIME RESTRICTIONS ON TMP-2, CLOSE THE OUTSIDE TRAVEL LANE ON -L- (US 421) AND CONSTRUCT THE LEFT SIDE OF -L- (US 421) AS SHOWN ON SHEETS TMP-11 AND TMP-12.

STEP 4: INSTALL TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTIONS OF -L- (US 421) AND -Y6- (DANCY RD), -L- (US 421) AND ADDISON AVE, AND -L- (US 421) AND -Y10- (US 421 BUS). INSTALL FINAL TRAFFIC SIGNAL AT THE INTERSECTION OF -Y10- (US 421 BUS) AND -Y11- (CURTIS BRIDGE RD).

PHASE 4

STEP 1: USING RSD 1101.02 (SHEET 3 OF 14) AS NEEDED, REMOVE ANY CONFLICTING MARKINGS, INSTALL TEMPORARY PAVEMENT MARKINGS, LONGITUDINAL CHANNELIZING CURB SYSTEM, AND SIGNAGE IN ACCORDANCE WITH THE FINAL PAVEMENT MARKING AND SIGNING PLANS AND WITH SHEETS TMP-13 THRU TMP-22, ACTIVATE THE TRAFFIC SIGNALS INSTALLED IN PHASE 3, STEP 4, AND SHIFT TRAFFIC INTO NEW PATTERN AS SHOWN ON SHEETS TMP-13 THRU TMP-22.

STEP 2: USING RSD 1101.02 (SHEET 3 OF 14) AND IN ACCORDANCE WITH THE TIME RESTRICTIONS ON TMP-2, CLOSE THE OUTSIDE TRAVEL LANE ON -L- (US 421) AND CONSTRUCT THE RIGHT SIDE OF -L- (US 421) INCLUDING -Y- LINES, SIDE STREETS, AND DRIVEWAYS AS SHOWN ON SHEETS TMP-13 THRU TMP-20.

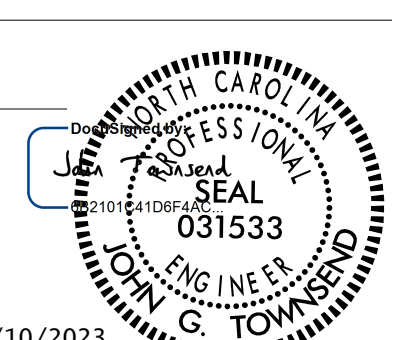

CONSTRUCT MEDIAN, CROSS PIPES, AND TEMPORARY PLATED STRUCTURES USING TEMPORARY LANE CLOSURES AS NEEDED. FOR THE PIPE ACROSS WINKLER MILL RD. EXT., USE NIGHTLY CLOSURES TO CLOSE THE ROAD AND DETOUR TRAFFIC TO THE NEXT ENTRANCE. SEE SHEETS TMP-19 AND TMP-21 FOR DETAIL.

STEP 3: MODIFY THE TEMPORARY TRAFFIC SIGNALS AT THE INTERSECTIONS OF -L- (US 421) AND -Y6- (DANCY RD) AND -L- (US 421) AND ADDISON AVE AND INSTALL TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF -L- (US 421) AND -Y7- (WINKLER MILL RD).

PHASE 5

STEP 1: USING RSD 1101.02 (SHEET 3 OF 14) AS NEEDED, REMOVE ANY CONFLICTING MARKINGS AND LONGITUDINAL CHANNELIZING CURB SYSTEM, INSTALL TEMPORARY PAVEMENT MARKINGS AND SIGNAGE IN ACCORDANCE WITH THE FINAL PAVEMENT MARKING AND SIGNING PLANS AND WITH SHEETS TMP-23 THRU TMP-31, ACTIVATE THE TRAFFIC SIGNALS INSTALLED IN PHASE 4,

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<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		