

# PHASING

PROJ. REFERENCE NO.	SHEET NO.
W-5514	TMP-3A

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING DRIVEWAYS AS DIRECTED BY THE ENGINEER.

## PHASE I

STEP 1  
INSTALL WORK ZONE ADVANCE WARNING SIGNS. SEE RSD 1101.01.

STEP 2  
AWAY FROM TRAFFIC, AS MUCH AS POSSIBLE, AND USING LANE CLOSURES (RSD 1101.02, SHEETS 3 AND 7 OF 15), WHEN NECESSARY, INSTALL AND ACTIVATE TEMPORARY SIGNAL 060212T AT THE INTERSECTION OF OWEN DRIVE AND CUMBERLAND DRIVE (SEE SIGNAL PLANS AND TMP-4).

STEP 3  
AWAY FROM TRAFFIC, AS MUCH AS POSSIBLE, AND USING LANE CLOSURES SD NO. 1101.02, SHEETS 2 AND 3 OF 15), WHEN NECESSARY, BEGIN CONSTRUCTION OF THE FOLLOWING UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT INCLUDING DRAINAGE (SEE SHEET TMP-4).

- \* -L- FROM STA 192+62 +/- TO -Y5- STA 9+78 +/-
- \* -L- FROM STA 197+49 +/- TO -Y5- STA 18+60 +/-

CONSTRUCT PROPOSED DRAINAGE CROSS PIPES ACROSS -L- AS FOLLOWS:

USE LANE CLOSURES (RSD NO. 1101.02, SHEETS 3 AND 7 OF 15) AND LAW ENFORCEMENT AS NECESSARY DURING SUCCESSIVE OVERNIGHT PERIODS.

PATCH PAVEMENT AND RESTORE TRAFFIC TO ITS PRIOR PATTERN BY THE END OF THE WORK PERIOD.

AWAY FROM TRAFFIC, AS MUCH AS POSSIBLE, AND USING LANE CLOSURES (RSD NO. 1101.02, SHEETS 2 AND 3 OF 15), WHEN NECESSARY, CONSTRUCT PROPOSED CURB RAMPS AT THE FOLLOWING SIGNALIZED INTERSECTIONS

- \* OWEN DRIVE AND WALTER REED ROAD
- \* OWEN DRIVE AND MELROSE ROAD
- \* OWEN DRIVE AND VILLAGE DRIVE
- \* OWEN DRIVE AND BOONE TRAIL
- \* OWEN DRIVE AND US HIGHWAY 301

AWAY FROM TRAFFIC, AS MUCH AS POSSIBLE, AND USING LANE CLOSURES (RSD 1101.02, SHEETS 1, 3 AND 7 OF 15), WHEN NECESSARY, INSTALL AND COVER NEW TRAFFIC SIGNAL ON -L- (OWEN DRIVE) AT INTERSECTION OF DALLAS STREET. PLACE IN FLASH MODE 2 WEEKS PRIOR TO SHIFTING -L- (OWEN DRIVE) TRAFFIC TO PROPOSED FINAL PATTERN IN PHASE I, STEP 5.

USING RSD 1101.02, SHEETS 3 AND 7 OF 15 AND LAW ENFORCEMENT WHEN NECESSARY MILL ASPHALT FROM BRIDGE DECK AND APPROACH SLABS AND MILL 200 FEET OF THE BRIDGE APPROACHES A DEPTH VARYING FROM 0" TO AN AVERAGE DEPTH OF 2-7/8" TO CREATE A SMOOTH TRANSITION FROM THE EXISTING PAVEMENT TO THE BRIDGE DECK, INSTALL TEMPORARY PAVEMENT MARKINGS (PAINT) AND TEMPORARY MARKERS IN THE EXISTING PATTERN AND OPEN ALL LANES TO TRAFFIC. (CONTRACTOR MAY PROCEED TO STEP 4 FOLLOWING THIS MILLING OPERATION PRIOR TO COMPLETING THE REST OF STEP 3)

CONTRACTOR SHALL COMPLETE THE WORK OF PHASE I STEP 4 IN 7 CONSECUTIVE WEEKENDS WORKING FROM FRIDAY 7:00 P.M. TO MONDAY 6:00 A.M. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 4  
COMPLETE THE BRIDGE REHABILITATION IN THE FOLLOWING SEQUENCE OR AS DIRECTED BY THE ENGINEER.

- CLOSE 2 INSIDE LANES OF WESTBOUND -L- AND CLOSE INSIDE LANE OF EASTBOUND -L-. COMPLETE BRIDGE REHABILITATION OF INSIDE LANE OF WESTBOUND -L- IN A SINGLE WEEKEND PERIOD, NOT INCLUDING JOINTS AND RE-OPEN TO EXISTING TRAFFIC PATTERN (SEE SHEETS TMP-5 THRU TMP-8).
- CLOSE 2 INSIDE LANES OF WESTBOUND -L- AND CLOSE INSIDE LANE OF EASTBOUND -L-. COMPLETE BRIDGE REHABILITATION OF CENTER LANE OF WESTBOUND -L- AND COMPLETE JOINT CONSTRUCTION OF INSIDE LANE REHABILITATED IN STEP 4A IN A SINGLE WEEKEND PERIOD (SEE SHEETS TMP-5 THRU TMP-8).

- CLOSE 2 OUTSIDE LANES OF WESTBOUND -L-. COMPLETE BRIDGE REHABILITATION OF THE OUTSIDE LANE OF WESTBOUND -L- AND COMPLETE JOINT CONSTRUCTION OF CENTER LANE REHABILITATED IN STEP 4B IN A SINGLE WEEKEND PERIOD (SEE SHEETS TMP-9 THRU TMP-11).
- USING RSD 1101.02, SHEETS 3, 7 AND 8 OF 15, WHEN NECESSARY, CLOSE 2 INSIDE LANES OF EASTBOUND -L- AND CLOSE INSIDE LANE OF WESTBOUND -L-. COMPLETE BRIDGE REHABILITATION OF INSIDE LANE OF EASTBOUND -L-, NOT INCLUDING JOINTS, IN A SINGLE WEEKEND PERIOD.
- USING RSD 1101.02, SHEETS 3, 7 AND 8 OF 15, WHEN NECESSARY, CLOSE 2 INSIDE LANES OF EASTBOUND -L- AND CLOSE INSIDE LANE OF WESTBOUND -L-. COMPLETE BRIDGE REHABILITATION OF CENTER LANE OF EASTBOUND -L- AND COMPLETE JOINT CONSTRUCTION OF INSIDE LANE REHABILITATED IN STEP 4D IN A SINGLE WEEKEND PERIOD.
- USING RSD 1101.02, SHEETS 3, 7 AND 8 OF 15, WHEN NECESSARY, CLOSE 2 OUTSIDE LANES OF EASTBOUND -L-. COMPLETE BRIDGE REHABILITATION OF THE OUTSIDE LANE OF EASTBOUND -L- AND COMPLETE JOINT CONSTRUCTION OF CENTER LANE REHABILITATED IN STEP 4E IN A SINGLE WEEKEND PERIOD.
- USING RSD 1101.02, SHEET 3 OF 15, CLOSE OUTSIDE LANE OF EASTBOUND AND WESTBOUND -L-. COMPLETE JOINT CONSTRUCTION OF OUTSIDE LANES IN A SINGLE WEEKEND PERIOD.

THE CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE ALL WORK IN PHASE I, STEP 5.

STEP 5  
AWAY FROM TRAFFIC, AS MUCH AS POSSIBLE, AND USING LANE CLOSURES (RSD 1101.02, SHEETS 2, 3 AND 7 OF 15), AND LAW ENFORCEMENT WHEN NECESSARY, PERFORM THE FOLLOWING:

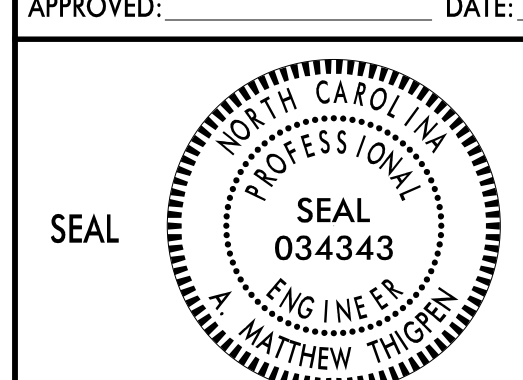

PLACE TEMPORARY PAVEMENT MARKINGS & MARKERS IN THE FINAL PATTERN (INCLUDING SOLID YELLOW EDGE LINE MARKINGS OUTLINING SHAPE OF PROPOSED MEDIANS), COMPLETE SIGNAL REVISIONS FOR EXISTING LOCATIONS, SHIFT TRAFFIC TO THE FINAL PATTERN, PLACE SKINNY DRUMS WITHIN OUTLINES OF PROPOSED RAISED MEDIANS AND INSTALL REMAINING TRAFFIC CONTROL DEVICES. ACTIVATE ALL FINAL SIGNALS AND OPEN TO PHASE II TRAFFIC PATTERN (SEE SHEETS TMP-12 THRU TMP-28).

## PHASE II

CONTRACTOR SHALL COMPLETE THE WORK OF PHASE II STEPS 1 THRU 5 IN 45 CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 1  
USING RSD 1101.02, SHEET 3 OF 15, TEMPORARILY CLOSE THE LEFT LANE OF -L- (OWEN DRIVE) FROM THE SIGNALIZED INTERSECTION OF -Y1- (WALTER REED ROAD) TO THE SIGNALIZED INTERSECTION OF -Y2- (VILLAGE DRIVE). WORKING IN A CONTINUOUS MANNER, CONTRACTOR SHALL PERFORM THE FOLLOWING (SEE SHEETS TMP-12 THRU TMP-14):

- REMOVE EXISTING CONCRETE MEDIAN ISLAND (IF APPLICABLE).
- COMPLETE DRAINAGE CONSTRUCTION IN MEDIANS USING PRECAST CONCRETE BOXES.
- REMOVE EXISTING PAVEMENT IN AREAS OF PROPOSED GRASSED MEDIANS AND CONSTRUCT PROPOSED MEDIAN CURB & GUTTER AND MONOLITHIC MEDIANS.
- WEDGE PAVEMENT OF LEFT TURN LANES ADJACENT TO MONOLITHIC ISLANDS, AS SHOWN IN THE ROADWAY PLANS, TO PROVIDE POSITIVE DRAINAGE.
- REPLACE ANY PAVEMENT MARKINGS CONCEALED DURING CONSTRUCTION AND INSTALL REMAINING PAVEMENT MARKINGS IN AREAS OF EXISTING CONCRETE ISLAND REMOVAL.
- REOPEN LEFT LANE TO TRAFFIC IN ORIGINAL PHASE II PATTERN.

APPROVED: _____ DATE: _____			<h1>PHASING</h1>
SEAL			