

PHASING

PROJ. REFERENCE NO.	SHEET NO.
U-5809	TMP-3

TGS ENGINEERS
804-C. N. LAFAYETTE ST
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

PHASE I

STEP 1

INSTALL WORK ZONE ADVANCE WARNING SIGNS IN ACCORDANCE WITH RSD 1101.01.

STEP 2

USING LANE CLOSURES AND LAW ENFORCEMENT, INSTALL TEMPORARY SIGNAL AT US 601/RAMP C AND D, US 601/RAMP A AND B, AND US 601/LEE ST. COVER SIGNAL HEADS. (SEE RSD 1101.02, SHEET 1-3 AND SIGNAL PLANS).

USING LANE CLOSURES, INSTALL GUARDRAIL ALONG US 421 WB, PORTABLE CONCRETE BARRIER ALONG RAMP B, AND TEMPORARY SHORING FOR DRAINAGE INSTALLATION.

PRIOR TO SHIFTING TRAFFIC INTO PHASE I TEMPORARY TRAFFIC PATTERN AND USING LANE CLOSURES AND RAMP CLOSURES, BEGIN ROADWAY DRAINAGE AND UTILITY CONSTRUCTION INCLUDING DRAINAGE STRUCTURES 401-404, 408-430, 447-455, 466-467, 471-472, 510,555, 564-566, 571, 604-605, and 618. (SEE RSD 1101.02, 1-3, AND TMP-2).

FOR DRAINAGE STRUCTURES 404, 410-412, 418, 422-427, 430, 510,555, 566,571,604-605, AND 618, USE PRECAST STRUCTURES INSTALLED TO A TEMPORARY ELEVATION. COVER WITH STEEL PLATE, BACKFILL, AND PAVE. FIELD VERIFY ELEVATIONS PRIOR TO MANUFACTURE.

STEP 3

USING LANE CLOSURES AND LAW ENFORCEMENT, REMOVE CONFLICTING PAVEMENT MARKINGS AND INSTALL TEMPORARY PHASE I MARKINGS, UNCOVER SIGNAL HEADS AND SHIFT TRAFFIC TO THE PHASE I PATTERN. (SEE RSD 1101.02, SHEET 1-3 AND TMP-4 THRU 6.)

STEP 4

AWAY FROM TRAFFIC AND USING LANE, RAMP, AND ROAD CLOSURES AS NEEDED, INSTALL REMAINING LEFT SIDE DRAINAGE, CURB AND GUTTER, PAVING TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT, SIDEWALK, AND BERM AS SHOWN ON TMP-4 THRU 6 FROM -L- STA. 10+23 +/- TO -L- STA. 38+96 +/- (SEE RSD 1101.02, SHEET 1-3, TMP-2 & TMP-2A).

PAVE AND WEDGE AS DIRECTED BY THE ENGINEER TO MAINTAIN DRAINAGE AND MITIGATE PAVING EDGE DROP OFFS.

DURING LEFT SIDE SIDEWALK CONSTRUCTION, USE ADA COMPLIANT PEDESTRIAN BARRICADES TO KEEP PROPOSED SIDEWALK CLOSED UNTIL CONNECTIVITY IS ACHIEVED (SEE SPECIAL PROVISION).

USING LANE CLOSURES, FLAGGERS, AND LAW ENFORCEMENT, INSTALL AND COVER TEMPORARY PHASE II SIGNAL HEADS (SEE RSD 1101.02, SHEET 1-3 AND SIGNAL PLANS).

STEP 5

PRIOR TO SEVERING THE EXISTING LEFT SIDEWALK BETWEEN FOOD LION AND LEE ST., IMPLEMENT A PEDESTRIAN TRANSPORT SERVICE TO MAINTAIN THIS ACCESS (SEE SPECIAL PROVISION). ESTABLISH PICK UP/DROP OFF LOCATIONS AS DIRECTED BY THE ENGINEER.

STEP 6

AWAY FROM TRAFFIC AND USING LANE CLOSURES AS NEEDED, INSTALL REMAINING LEFT SIDE DRAINAGE, CURB AND GUTTER, PAVING TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT, SIDEWALK, AND BERM AS SHOWN ON TMP-6 -L- STA. 38+96 +/- TO -L- STA. 44+45 +/- . (SEE RSD 1101.02, SHEET 1-3).

PAVE AND WEDGE AS DIRECTED BY THE ENGINEER TO MAINTAIN DRAINAGE AND MITIGATE PAVING EDGE DROP OFFS.

RE-ESTABLISH SIDEWALK CONNECTIVITY BETWEEN FOOD LION AND LEE ST. AND DISCONTINUE PEDESTRIAN TRANSPORT SERVICE.

PHASE II

STEP 1

USING LANE CLOSURES AND LAW ENFORCEMENT, REMOVE CONFLICTING PAVEMENT MARKINGS AND INSTALL TEMPORARY PHASE II MARKINGS, UNCOVER SIGNAL HEADS AND SHIFT TRAFFIC TO THE PHASE II PATTERN. (SEE RSD 1101.02, SHEET 1-3 AND TMP-7 THRU 9.)

STEP 2

USE ADA COMPLIANT PEDESTRIAN BARRICADES TO CLOSE EXISTING RIGHT SIDEWALK SOUTH OF MAPLE ST. (SEE SPECIAL PROVISION AND TMP-7-9).

AWAY FROM TRAFFIC AND USING LANE AND RAMP CLOSURES AS NEEDED, INSTALL RIGHT SIDE DRAINAGE, CURB AND GUTTER, PAVING TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT, SIDEWALK, AND BERM AS SHOWN ON TMP-7 AND 8 FROM -L- STA. 10+14 +/- TO -L- STA. 31+70 +/- (SEE RSD 1101.02, SHEET 1-3, TMP-2).

PAVE AND WEDGE AS DIRECTED BY THE ENGINEER TO MAINTAIN DRAINAGE AND MITIGATE PAVING EDGE DROP OFFS.

DURING RIGHT SIDE SIDEWALK CONSTRUCTION, USE ADA COMPLIANT PEDESTRIAN BARRICADES TO KEEP PROPOSED SIDEWALK CLOSED UNTIL CONNECTIVITY IS ACHIEVED (SEE SPECIAL PROVISION).

STEP 3

PRIOR TO SEVERING THE EXISTING RIGHT SIDEWALK BETWEEN MAPLE AND LEE ST., IMPLEMENT A PEDESTRIAN TRANSPORT SERVICE TO MAINTAIN THIS ACCESS (SEE SPECIAL PROVISION. ESTABLISH PICK UP/DROP OFF LOCATIONS AS DIRECTED BY THE ENGINEER.

STEP 4

AWAY FROM TRAFFIC AND USING LANE CLOSURES AS NEEDED INSTALL REMAINING RIGHT SIDE DRAINAGE, CURB AND GUTTER, PAVING TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT, SIDEWALK, AND BERM AS SHOWN ON TMP 8 AND 9 FROM -L- STA. 31+92 +/- TO STA. 44+64 +/- (SEE RSD 1101.02, SHEET 1-3)

PAVE AND WEDGE AS DIRECTED BY THE ENGINEER TO MAINTAIN DRAINAGE AND MITIGATE PAVING EDGE DROP OFFS.

PHASE III

STEP 1

UNLESS DIRECTED OTHERWISE BY THE ENGINEER, WORK NORTH TO SOUTH ALONG US 601 TO INSTALL THE PHASE III TRAFFIC PATTERN

A. USING FLAGGERS, INSTALL TEMPORARY PAINT PAVEMENT MARKINGS IN THE FINAL PATTERN AND OPEN THE US 601/LEE ST. INTERSECTION TO THE RAB PATTERN WITH PROPOSED APRON AND SPLITTER ISLANDS DRUMMED OFF. (SEE SHEETS 1101.02, SHEET 1 AND 18, AND FINAL PAVEMENT MARKING PLAN.)

SEE RSD 1101.11, SHEET 1 FOR SHIFTING TAPERS TO TIE TEMPORARY MARKINGS BACK TO US 601 PHASE II PATTERN

REMOVE EXISTING SIGNAL.

B. USING FLAGGERS, INSTALL TEMPORARY PAINT PAVEMENT MARKINGS IN THE FINAL PATTERN AND OPEN THE US 601/MAPLE ST. INTERSECTION TO THE RAB PATTERN WITH PROPOSED APRON AND SPLITTER ISLANDS DRUMMED OFF. (SEE SHEETS 1101.02, SHEET 1, 18, AND 19, AND FINAL PAVEMENT MARKING PLAN.)

SEE RSD 1101.11, SHEET 1 FOR SHIFTING TAPERS TO TIE TEMPORARY MARKINGS BACK TO US 601 PHASE II PATTERN

C. USING FLAGGERS, INSTALL TEMPORARY PAINT PAVEMENT MARKINGS IN THE FINAL PATTERN AND OPEN THE US 601/RAMP A AND B/PINE ST INTERSECTION TO THE RAB PATTERN WITH PROPOSED APRON AND SPLITTER ISLANDS DRUMMED OFF. (SEE SHEETS 1101.02, SHEET 1, 18, AND 19, AND FINAL PAVEMENT MARKING PLAN.)

SEE RSD 1101.11, SHEET 1 FOR SHIFTING TAPERS TO TIE TEMPORARY MARKINGS BACK TO US 601 PHASE II PATTERN

REMOVE EXISTING SIGNAL.

D. USING FLAGGERS, INSTALL TEMPORARY PAINT PAVEMENT MARKINGS IN THE FINAL PATTERN AND OPEN THE US 601/RAMP C AND D INTERSECTION TO THE RAB PATTERN WITH PROPOSED APRON AND SPLITTER ISLANDS DRUMMED OFF. (SEE SHEETS 1101.02, SHEET 1, 18, AND 19, AND FINAL PAVEMENT MARKING PLAN.)

REMOVE EXISTING SIGNAL.

STEP 2

USING LANE CLOSURES, INSTALL REMAINING CURB AND GUTTER, CONCRETE APRONS AND SPLITTER ISLANDS (SEE SHEETS 1101.02, SHEET 1, 18, AND 19).

COMPLETE AND MAKE OPERATIONAL DRAINAGE STRUCTURES 404, 410-412, 422-427, 510,555, 566,571,604-605, AND 618.

COMPLETE REMAINING SIDEWALK AND FULLY OPEN TO PEDESTRIANS. DISCONTINUE PEDESTRIAN TRANSPORT SERVICE.

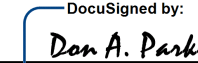
STEP 3

USING LANE CLOSURES, PAVE FINAL LAYER OF SURFACE COURSE AND INSTALL FINAL PAVEMENT MARKINGS (SEE RSD 1101.02, SHEET 1, 18, AND 19 AND FINAL PAVEMENT MARKING PLAN.)

STEP 4

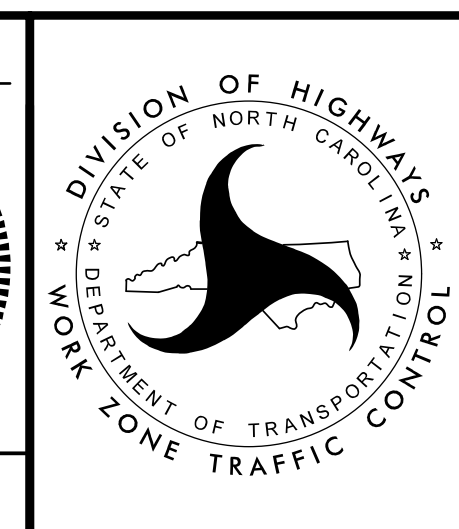
REMOVE ALL TRAFFIC CONTROL DEVICES

3/26/2024 11:58:09 AM User:rsmevin

APPROVED: 
DATE: 3/27/2024

SEAL
043251
DON A. PARKER
ENGINEER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL PHASING