

PROJ. REFERENCE NO.	SHEET NO.
U-5724	TMP-3

CONSTRUCTION PHASING

PRIOR TO BEGINNING ANY CONSTRUCTION THE CONTRACTOR SHALL INSTALL WORK ZONE ADVANCE WARNING SIGNS AS SHOWN IN THE NCDOT ROADWAY STANDARD DRAWING NO. 1101.01

NOTE: CONTRACTOR SHALL COORDINATE WITH NCRR THROUGHOUT THE DURATION OF THE PROJECT WHENEVER WORK IS OCCURRING WITHIN OR NEAR THE RAILROAD RIGHT-OF-WAY, AND SPECIFICALLY FOR THE INSTALLATION OF THE PROPOSED AT-GRADE CROSSING ON -Y2- OAK FOREST ROAD AND THE REMOVAL OF EXISTING CROSSING AT CENTRAL HEIGHTS ROAD.

PHASE I

STEP 1:

AWAY FROM TRAFFIC, WHILE MAINTAINING EXISTING TRAFFIC PATTERNS AND ACCESS TO ALL PROPERTIES, CONSTRUCT ALL RAILROAD GRADING IN ACCORDANCE TO RAILROAD PLANS.

NOTE: ALL RAILROAD GRADING AND TRACKWORK FOR REVISED RAILROAD SIDING MUST BE COMPLETE PRIOR TO CONSTRUCTION OF NEW RAIL CROSSING ON -Y2- OAK FOREST ROAD. RAIL CROSSING AND RAILROAD SIDING TRACKWORK TO BE INSTALLED BY OTHERS, SUBJECT TO AGREEMENT. SEE RAILROAD PLANS

STEP 2:

AWAY FROM TRAFFIC, WHILE MAINTAINING EXISTING TRAFFIC PATTERNS AND ACCESS TO ALL PROPERTIES, CONSTRUCT THE FOLLOWING:

- NEW LOCATION -Y3- SERVICE ROAD #1
- NEW LOCATION -L- CENTRAL HEIGHTS ROAD
- NEW LOCATION -Y2- OAK FOREST ROAD
- NEW LOCATION -Y2- FALLIN BOULEVARD

AND ALL ASSOCIATED DRAINAGE AS SHOWN ON SHEETS TMP-4 THROUGH TMP-10.

STEP 3:

- INSTALL DETOUR SIGNS AS SHOWN ON SHEET TMP-2A AND CLOSE -L- ROYALL AVENUE.
- INSTALL ASSOCIATED DRAINAGE AS SHOWN ON SHEET TMP-4

NOTE: STEPS 2 AND 3 MAY BE PERFORMED CONCURRENTLY

STEP 4:

INSTALL TEMPORARY SIGNAL AT THE INTERSECTION OF -L- (ROYALL AVENUE) AND -Y1- (US 13). (REFER TO SIGNAL PLANS)

STEP 5:

WHILE MAINTAINING TRAFFIC USING RSD 1101.02 FOR TEMPORARY LANE CLOSURES, CONSTRUCT PROPOSED IMPROVEMENTS ALONG THE FOLLOWING AS SHOWN ON SHEETS TMP-4 THROUGH TMP-10:

- L- ROYALL AVENUE
- Y2- OAK FOREST ROAD
- Y5- MCCLAIN ROAD

STEP 6:

- INSTALL DETOUR SIGNS AS SHOWN ON SHEET TMP-2B AND CLOSE -Y2- N. OAK FOREST ROAD
- INSTALL ASSOCIATED DRAINAGE AS SHOWN ON SHEETS TMP-8 AND TMP-9

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

NOTE: STEPS 4 AND 5 MAY BE PERFORMED CONCURRENTLY

PHASE 2

WHILE MAINTAINING TRAFFIC USING RSD 1101.02 SHEETS 1 & 2 FOR TEMPORARY LANE CLOSURES AS NECESSARY, PERFORM THE FOLLOWING AS SHOWN ON SHEETS TMP-11 THRU TMP-17

STEP 1:

- INSTALL TEMPORARY PAVEMENT MARKINGS
- MODIFY TEMPORARY SIGNALS AT -L- (ROYALL AVENUE) AND -Y1- (US 13). (REFER TO SIGNAL PLANS)
- COORDINATE WITH NCRR TO INSTALL AND ACTIVATE NEW RAIL CROSSING SIGNAL ON -Y2- SR 1711 (OAK FOREST ROAD).
- OPEN NEW LOCATION -L- CENTRAL HEIGHTS ROAD TO TRAFFIC
- OPEN NEW LOCATION -Y2- FALLIN BOULEVARD TO TRAFFIC
- OPEN -Y3- TO TRAFFIC
- SHIFT TRAFFIC ONTO TEMPORARY PATTERN

PHASE 2 (CONT.)

STEP 2:

- INSTALL DETOUR SIGNS AS SHOWN ON SHEET TMP-2C AND CLOSE -Y2- FALLIN BOULEVARD
- INSTALL ASSOCIATED DRAINAGE AS SHOWN ON SHEET TMP-17

STEP 3:

REMOVE EXISTING CENTRAL HEIGHTS ROAD.

STEP 4:

CONSTRUCT PROPOSED IMPROVEMENTS AND ALL ASSOCIATED DRAINAGE ALONG THE FOLLOWING:

- L- ROYALL AVENUE
- Y2- OAK FOREST ROAD
- Y2- FALLIN BOULEVARD
- Y5- MCCLAIN ROAD.

PROVIDE WEDGING AS REQUIRED FOR POSITIVE DRAINAGE AND SMOOTH TRANSITIONS BETWEEN EXISTING AND PROPOSED GRADES.

NOTE: STEPS 2 THRU 4 MAY BE PERFORMED CONCURRENTLY

PHASE 3

WHILE MAINTAINING TRAFFIC USING RSD 1101.02 SHEETS 1 & 2 FOR TEMPORARY LANE CLOSURES AS NECESSARY, PERFORM THE FOLLOWING AS SHOWN ON SHEETS TMP-18 & TMP-19

STEP 1:

- INSTALL PAINT VERSIONS OF FINAL PAVEMENT MARKINGS ON -L- ROYALL AVENUE, -L- CENTRAL HEIGHTS ROAD, -Y2- OAK FOREST ROAD, -Y3- SERVICE ROAD, AND -Y5- MCLAIN DRIVE
- INSTALL TEMPORARY PAVEMENT MARKINGS ON -L- CENTRAL HEIGHTS ROAD, -Y1- BERKELEY BOULEVARD, AND -Y2- OAK FOREST ROAD
- MODIFY TEMPORARY SIGNALS AT -L- (ROYALL AVENUE) AND -Y1- (US 13). (REFER TO SIGNAL PLANS)
- SHIFT TRAFFIC ONTO TEMPORARY PATTERN

STEP 2:

CONSTRUCT MEDIAN ISLANDS ON -L- CENTRAL HEIGHTS ROAD, -Y1- BERKELEY BOULEVARD, AND -Y2- OAK FOREST ROAD

STEP 3:

USING THE TEMPORARY DETOURS SHOWN ON TMP-2D & TMP-2E CLOSE ONE DIRECTION OF TRAFFIC AT A TIME ON -Y1- BERKELEY BOULEVARD AND INSTALL NEW RAIL CROSSING AND ASSOCIATED SIGNALS AS SHOWN ON SHEET TMP-18 IN COORDINATION WITH NCRR. RAIL CROSSING AND RAIL SIGNALS WITH GATES TO BE CONSTRUCTED BY NCRR CONTRACTOR. PAVE APPROACHES AND FINALIZE MEDIAN CONSTRUCTION AROUND GATES ONCE CROSSING IS COMPLETE. COORDINATE SIGNAL INSTALLATION AND ACTIVATION WITH NCRR.

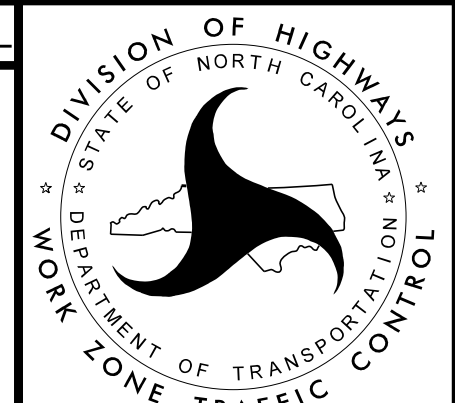
STEP 4:

USING RSD 1101.02 SHEETS 2 & 3 PLACE FINAL LAYER OF ASPHALT, FINAL PAVEMENT MARKINGS, MARKERS AND SIGNING.

INSTALL ALL FINAL SIGNALS. (REFER TO SIGNAL PLANS)

SHIFT TRAFFIC ONTO FINAL PATTERN, OPEN ALL LANES TO TRAFFIC, AND REMOVE ALL TRAFFIC CONTROL DEVICES.



APPROVED: _____ DATE: _____ <div style="text-align: center;">  </div>	<div style="text-align: center;">  </div>	PHASING
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