

PHASING

NOTES: - 'RSD' REFERS TO NCDOT ROADWAY STANDARD DRAWINGS
 - ALL ASPHALT WORK IS UP TO, BUT NOT INCLUDING, THE FINAL LAYER OF SURFACE COURSE IN PHASE 1 THROUGH PHASE 2.
 - MAINTAIN DRIVEWAY ACCESSSES DURING ALL PHASES OF CONSTRUCTION,

PRIOR TO WORK BEGINNING IN PHASE 1, STEP 1, INSTALL ADVANCED WORK ZONE WARNING SIGNS ON ROGERS LAKE ROAD, MAIN ST. (US 29A) AND AFFECTED -Y- LINES ACCORDING TO RSD 1101.01, SHEET 3 OF 3.

PHASE 1

STEP 1

USING RSD 1101.02 (SHEETS 1 & 2 OF 14), INSTALL WATER-FILLED BARRIER ALONG US 29A (MAIN ST.) AND S. RIDGE AVENUE. AWAY FROM TRAFFIC AND BEHIND BARRIER, BEGIN CONSTRUCTION OF PROPOSED STRUCTURE ON -L-. USE OVERNIGHT ROAD CLOSURES OF MAIN ST. AND S. RIDGE AVE. WITH OFFSITE DETOURS WHEN HANGING GIRDERS OR PERFORMING OVERHEAD TASKS REQUIRING ROAD CLOSURES (SEE SHEETS TMP-2B AND 5).

PERMANENTLY CLOSE EXISTING ROGERS AVE. (-Y5A) AT -L- (SEE SHEET TMP-5)

PERMANENTLY CLOSE OAKSHADE AVE. (-Y9A-), BROWDIS AVE. (-Y10A-) AND MEADOW AVE. (-Y11A-) AT -L- AND CONSTRUCT CUL-DE-SACS (SEE SHEET TMP-6 AND LOCAL NOTE 1).

USING RSD 1101.02 (SHEETS 1 OF 14), INSTALL WATER-FILLED BARRIER ALONG EXISTING ROGERS LAKE ROAD. AWAY FROM TRAFFIC AND BEHIND BARRIER, BEGIN CONSTRUCTION OF THE FOLLOWING (SEE SHEETS TMP-4 THRU 6):

- L- STA 15+65± TO STA 40+00±, INCLUDING WALL
- Y2A- FROM -L- TO LOWRANCE AVE.
- Y2B- FROM -L- TO -Y2B- STA 12+00±

USING RSD 1101.02 (SHEET 1 OF 14), BEGIN CONSTRUCTION OF THE FOLLOWING (SEE SHEETS TMP-4 THRU 6):

- L- STA 10+00± TO STA 14+22±, WEDGE EXISTING ROGERS LAKE RD. AND WIDENING
- L- STA 14+22± TO STA 15+65±, WEDGE EXISTING ROGERS LAKE RD. AND WIDEN LEFT
- L- STA 44+65± TO STA 48+50±, WEDGE EXISTING ROGERS LAKE RD. AND WIDENING
- Y1A-, WIDENING WITH TIE TO -L-
- Y1B-, WIDENING WITH TIE TO -L-
- Y2A-, WIDENING WITH TIE TO EXISTING LOWRANCE AVE.
- Y5A- (MAINTAIN ACCESS TO LOWRANCE AVE.)

USING RSD 1101.02 (SHEET 1 OF 14) AS NECESSARY, CONSTRUCT THE FOLLOWING (SEE SHEET TMP-6):

- Y2C- STA 14+00± TO STA 16+30±, WEDGING AND WIDENING EXIST. ROGERS LAKE RD.
- Y2C- STA 16+30± TO -L-

STEP 2

USING RSD 1101.02 (SHEET 1 OF 14), PLACE TEMPORARY MARKINGS AND MARKERS AND SHIFT ROGERS LAKE TRAFFIC TO -Y2C-. RESET WFB ALONG TEMPORARY TRAFFIC PATTERN ON -Y2C- (SEE SHEET TMP-7).

AWAY FROM TRAFFIC, CONSTRUCT PROPOSED -L- FROM STA 40+00± TO STA 44+65±(INCLUDING REMAINING WALL SEGMENT).

COMPLETE CONSTRUCTION AT BEGUN IN PHASE 1, STEP 1:

- L- STA 15+65± TO STA 40+00±, INCLUDING WALL
- Y2A- FROM -L- TO LOWRANCE AVE.
- L- STA 10+00± TO STA 14+22±, WEDGE EXISTING ROGERS LAKE RD. AND WIDENING
- L- STA 14+22± TO STA 15+65±, WEDGE EXISTING ROGERS LAKE RD. AND WIDEN LEFT
- L- STA 44+65± TO STA 48+50±, WEDGE EXISTING ROGERS LAKE RD. AND WIDENING
- Y1A-, WIDENING WITH TIE TO -L-
- Y1B-, WIDENING WITH TIE TO -L-
- Y2A-, WIDENING WITH TIE TO EXISTING LOWRANCE AVE.
- Y5A-

PHASE 2

STEP 1

USING RSD 1101.02 (SHEET 1 OF 14) AND IN A CONTINUOUS MANNER, COMPLETE THE FOLLOWING (SEE SHEETS TMP-8 THRU 10):

- PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS ON -L- ALIGNMENT AND SHIFT TRAFFIC TO FINAL PATTERN ON -L-.
- REMOVE WFB, PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT -Y2C- TRAFFIC TO FINAL PATTERN.
- PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND OPEN -Y2A- AND CLOSE EXISTING LOWRANCE AVE. AT MARGARET AVE.
- CLOSE EXISTING ROGERS LAKE RD. ON -Y4- AT PROPOSED CUL-DE-SAC AND AT -Y2B- STA 14+00± (MAINTAIN LOCAL ACCESS)
- CLOSE EXISTING ROGERS AVE. AT -Y2B- STA 14+50± (MAINTAIN LOCAL ACCESS)
- CLOSE EXISTING ROGERS LAKE RD. AT RAILROAD CROSSING

STEP 2

USING RSD 1101.02 (SHEET 1 OF 14), CONSTRUCT THE FOLLOWING (SEE SHEETS TMP-8 & 9):

- REMAINDER OF -L- STA 14+22± TO STA 15+65± (RIGHT)
- -Y1A- CUL-DE-SAC AT MARGARITE AVE. (INCL. PAVEMENT REMOVAL ON EXISTING LOWRANCE AVE.
- -Y3- INCLUDING PAVEMENT REMOVAL
- -Y4- INCLUDING CUL-DE-SAC AND PAVEMENT REMOVAL
- -Y5B-
- CURB AND GUTTER AND PAVEMENT REMOVAL AT RAILROAD CROSSING

AWAY FROM TRAFFIC, CONSTRUCT -Y2B- STA 12+00± TO STA 14+00± AND -Y5B- STA 10+75± TO STA 14+75± (MAINTAIN LOCAL ACCESS). WHEN COMPLETE, REOPEN ROGERS AVE. (-Y5B-) AND -Y2B- BETWEEN MAIN ST. AND ROGERS AVE.

USING RSD 1101.02 (SHEET 1 OF 14), REMOVE EXISTING SIGNAL SYSTEMS ON EXISTING ROGERS LAKE RD. AT MAIN ST. AND S. RIDGE AVE. INTERSECTIONS. ADJUST/PLACE PAVEMENT MARKINGS AND SIGNING (SEE SIGNING PLANS AND FINAL PAVEMENT MARKING PLANS).

COMPLETE CONSTRUCTION OF -Y2B- BEGUN IN PHASE 1.

PHASE 3

USING RSD 1101.02 (SHEET 1 OF 14), PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLANS). REMOVE REMAINING TRAFFIC CONTROL DEVICES AND OPEN ALL ROADS TO FINAL PATTERNS.

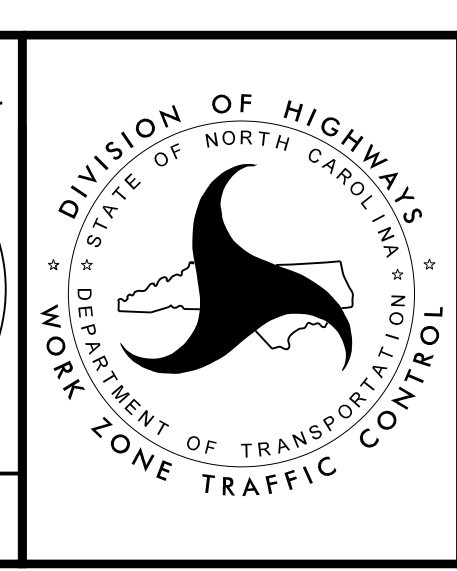
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