

GENERAL NOTES (CONT.)

TRAFFIC CONTROL DEVICES

- R) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS) FOR ADDITIONAL REQUIREMENTS.
- S) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- T) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES (DRUMS) PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

- U) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
-L- (NC 67)	PAINT	NONE
-Y1- (SR 1607)	PAINT	NONE
-Y2- (SR 1600)	PAINT	NONE

- V) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- W) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- X) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

MISCELLANEOUS

- Y) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 500 FT AND 500 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

LOCAL NOTES

ACCESS TO ALL DRIVEWAYS MUST BE PROVIDED AT ALL TIMES WITHIN THE PROJECT LIMITS.

UTILITY SERVICES SHALL BE MAINTAINED TO ALL FACILITIES DURING CONSTRUCTION.

PROVIDE ONE MONTH NOTICE TO THE ENGINEER, YADKIN/FORSYTH COUNTY EMERGENCY SERVICES, AND YADKIN/FORSYTH COUNTY SCHOOL OFFICIALS PRIOR TO CONSTRUCTION.

MANAGEMENT STRATEGIES

THE CONSTRUCTION OF NC 67 (-L-) AND -Y- LINES WILL BE PERFORMED USING FLAGGERS, TEMPORARY LANE CLOSURES, AND A TEMPORARY LANE SHIFT.

PHASING

PHASE I

- STEP 1: USING ROADWAY STANDARD DRAWING (RSD) 1101.01, SHEETS 1 AND 3, INSTALL ALL ADVANCE WARNING SIGNING.
- STEP 2: AWAY FROM TRAFFIC AND USING RSD 1101.02 AND RSD 1101.04, CONSTRUCT -DRW2-. ONCE -DRW2- HAS BEEN CONSTRUCTED, SHIFT -Y1- TRAFFIC TO DETOUR AND CLOSE -Y1- AND -DRW2- TO TRAFFIC. SEE SHEET TMP-2 & TMP-4.

- STEP 3: USING RSD 1101.04, INSTALL THE TEMPORARY SHOULDER CLOSURE TO BE SET UP WITH STATIONARY SIGNS (SINCE LONG-TERM OPERATION). INSTALL PORTABLE CONCRETE BARRIER AS SHOWN ON SHEETS TMP-4 AND TMP-5. CONSTRUCT THE BRIDGE AND APPROACH WORK, INCLUDING PLACING TEMPORARY PAVEMENT MARKINGS, FROM -L- STA. 14+00(+/-) TO 41+00(+/-) AND -L- STA. 42+80(+/-) TO 54+00(+/-) UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE. ADDITIONALLY, USING RSD 1101.02 AND RSD 1101.04, CONSTRUCT -Y1-, -Y2-, AND -DRW1-; ACCESS MUST BE MAINTAINED AT ALL TIMES.

NOTE: DURING CONSTRUCTION OF -L- STA. 43+07 +/- TO 44+37 +/-, CONSTRUCT SUCH THAT TRANSITION CAN BE MADE TO EXISTING NC 67 DURING STEP 4. SEE SHEET TMP-7 AND TMP-1B, NOTES J, K, & O.

- STEP 4: USING RSD 1101.02, CONSTRUCT TEMPORARY PAVEMENT ALONG THE SHOULDER OF EXISTING WESTBOUND -L- IN THE LOCATIONS SHOWN ON SHEET TMP-7. PLACE TEMPORARY PAVEMENT MARKINGS. SHIFT TRAFFIC TO NEWLY CONSTRUCTED PORTION OF -Y2- THEN CONSTRUCT THE REMAINING PORTION OF -L- FROM STA. 41+00(+/-) TO 42+80(+/-) UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE.

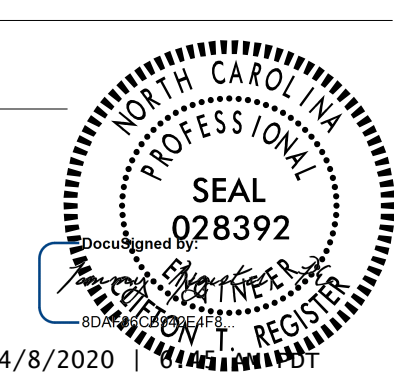

PHASE II

- STEP 1: REMOVE -Y1- DETOUR AND SHIFT TRAFFIC TO NEWLY CONSTRUCTED PORTION OF -L- AND -Y1-. USING RSD 1101.02 AND 1101.04 AND SHIFTING TRAFFIC AS NECESSARY, PERFORM THE WEDGING AND MILLING WORK FROM -L- STA. 14+00 TO 21+87 AND STA. 47+60 TO 54+00, -Y1- STA. 10+00 TO 11+18.76, AND -Y2- STA. 12+00 TO 17+31.54 UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT MARKINGS.

- STEP 2: USING RSD 1101.04, INSTALL THE TEMPORARY SHOULDER CLOSURE TO REMOVE THE EXISTING BRIDGE & APPROACHES AND PERFORM THE REMAINING GRADING AND DRAINAGE WORK SOUTH OF THE NEW -L- ALIGNMENT.

- STEP 3: USING RSD 1101.02, INSTALL THE FINAL LIFT OF SURFACE COURSE (EXCLUDING THE BRIDGE AND APPROACH SLABS) AND FINAL PAVEMENT MARKINGS FROM -L- STA. 14+00 TO 54+00, -Y1- STA. 10+25 TO 11+75.97, AND -Y2- STA. 12+00 TO 21+46.68. REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES AND SIGNS AND OPEN -L- AND ALL -Y- LINES TO THE FINAL TRAFFIC PATTERN.

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APPROVED: _____ DATE: _____			TRANSPORTATION OPERATIONS PLAN
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