

PHASE I

STEP 1) USING 1101.01, INSTALL ADVANCE WARNING SIGNING ON -L- (NC 105), -Y4- (OLD TWEETSIE RD), AND -Y5- (SR 1112 BROADSTONE RD), AND ANY OTHER ROAD/DRIVEWAY PER THE DISCRETION OF THE ENGINEER. IN ADDITION MOUNT 45 MPH ADVISORY SPEED PLAQUES (BLACK ON ORANGE) BELOW THE "BEGIN ROAD WORK" SIGNS AND THE "ROAD WORK AHEAD" SIGNS ON -L- (NC 105) AND ALL -Y- LINES.

INSTALL ONE (1) CHANGEABLE MESSAGE SIGN (CMS) ON EACH APPROACH TO THE INTERSECTION OF -L- AND -Y5- AS DIRECTED BY THE ENGINEER. THESE CMS DEVICES ARE TO BE UTILIZED TO INFORM AND ALERT THE TRAVELLING PUBLIC TO TRAFFIC CONDITIONS AND MAY BE UTILIZED FOR TRAFFIC MANAGEMENT OPERATIONS DURING CONSTRUCTION AS DIRECTED BY THE ENGINEER.

STEP 2) USING ROADWAY STANDARD DRAWING (RSD) 1101.02, INSTALL SHOULDER WIDENING ON THE RIGHT SIDE OF -L- (NC 105), INSTALL TEMPORARY PAVEMENT MARKINGS ON -L- AND -Y5-, INSTALL PHASE I TEMPORARY SIGNAL, AND SHIFT TRAFFIC ONTO THE TEMPORARY PATTERN. INSTALL PORTABLE CONCRETE BARRIER AND TEMPORARY GUARDRAIL ALONG -L-. BEGIN CONSTRUCTION OF -L- 'LEFT' FROM BEGIN CONSTRUCTION LIMITS TO -Y5- AND INSTALL WIDENING ALONG -L- 'LEFT' FROM THE BEGIN CONSTRUCTION LIMITS TO -Y5- UP TO AND INCLUDING THE EXISTING EDGE AND ELEVATION. BEGIN CONSTRUCTION OF -L- RIGHT FROM EXISTING -Y4- TO THE END CONSTRUCTION LIMITS. [REFER TO SHEETS TMP-04, 05, & 14]

BEHIND DRUMS AND GUARDRAIL, CONSTRUCT -Y4- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE. CONSTRUCT ENOUGH OF -L- 'RIGHT' AT -Y4- TO ALLOW FOR -Y4- TRAFFIC TO ACCESS -L-. [REFER TO SHEET TMP-05]

USING RSD 1101.02, CONSTRUCT WIDENING ON -Y5- 'LEFT' UP TO THE EXISTING EDGE AND ELEVATION. THIS WIDENING WILL BE USED TO ALLOW FOR TURNING MOVEMENTS OF TRUCKS. [REFER TO SHEET TMP-05]

STEP 3) USING RSD 1101.02, SHIFT/RESET PCB ON -L- FROM BEGIN CONSTRUCTION LIMITS TO -Y5- ONTO THE WIDENING INSTALLED ON -L- 'LEFT' IN PHASE I, STEP 2. INSTALL TEMPORARY PAVEMENT MARKINGS ON -L- FROM STA. 159+08 TO -Y5-, ADJUST THE TEMPORARY SIGNAL, AND SHIFT TRAFFIC ONTO THE TEMPORARY PATTERN. THEN, INSTALL PCB ALONG -L- 'RIGHT' FROM STA. 158+05 TO STA. 162+64 AND CONSTRUCT -L- 'RIGHT' FROM STA. 159+08 TO ENDBENT #1 UP TO AND INCLUDING THE EXISTING EDGE AND ELEVATION, STAGE 1 OF THE BRIDGE INCLUDING THE ENDBENTS AND TEMPORARY SHORING, AND -L- 'RIGHT' FROM ENDBENT #2 TO -Y4- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE. [REFER TO SHEETS TMP-06, 07, 14, & 16 - 19]

USING RSD 1101.02, CONSTRUCT -Y5- 'RIGHT' INCLUDING THE RETAINING WALL UP TO AND INCLUDING THE EXISTING EDGE AND ELEVATION FROM BEGIN CONSTRUCTION LIMITS TO -L- 'LEFT'. [REFER TO SHEET TMP-07, & 20 - 21]]

REMOVE THE TEMPORARY GUARDRAIL PLACED IN STEP 2 AS NEEDED AND INSTALL TEMPORARY GUARDRAIL WITH SHOP CURVE AND SHIFT -Y4- ONTO THE FINAL PATTERN. [REFER TO SHEET TMP-07]

PHASE II

STEP 1) AWAY FROM TRAFFIC INSTALL TEMPORARY MARKINGS AS MUCH AS POSSIBLE ON -L- FROM STA. 157+87 TO 165+95 AND INSTALL PHASE II TEMPORARY SIGNAL. INSTALL PCB ON STAGE 1 OF THE BRIDGE AND REMOVE PCB ON -L- 'RIGHT' FROM STA. 162+05 TO STA. 162+64 AND FROM -Y4- TO ROBY BENTLEY ROAD. THEN USING RSD 1101.02, WEDGE -L- FROM STA. 158+50 TO ENDBENT #1, -L- FROM STA. 171+00 TO END CONSTRUCTION LIMITS, AND -Y5- 'RIGHT' FROM BEGIN CONSTRUCTION LIMITS TO -L- UP TO BUT NOT INCLUDING THE FINAL LIFT OF SURFACE COURSE. ACTIVATE TEMPORARY SIGNAL, SHIFT TRAFFIC ONTO THE PHASE II PATTERN, AND INSTALL REMAINING TEMPORARY PAVEMENT MARKINGS ON -L- FROM STA. 157+87 TO STA. 176+50, AND -Y5- FROM BEGIN CONSTRUCTION LIMITS TO -L-. USING RSD 1101.02 INSTALL THE REMAINING PHASE II PCB ON -L- AND -Y5-. [REFER TO SHEETS TMP-08, 09, 14, & 16 - 21]

STEP 2) AWAY FROM TRAFFIC CONSTRUCT AND COMPLETE CONSTRUCTION OF -L- 'LEFT', STAGE 2 OF THE BRIDGE INCLUDING THE ENDBENTS, AND -Y5- 'LEFT'. CONSTRUCT -L- SB FROM THE BEGIN CONSTRUCTION LIMITS TO -Y5-, REPLACING THE MEDIAN CURB AND GUTTER WITH 2' OF PAVED SHOULDER. INSTALL THE PHASE III TEMPORARY SIGNAL. [REFER TO SHEETS TMP-08, 09, 14, & 16 - 21]

PHASE III

STEP 1) AWAY FROM TRAFFIC, INSTALL AS MUCH OF THE PHASE III TEMPORARY MARKINGS AS POSSIBLE. THEN, USING RSD 1101.02, REMOVE PCB FROM THE ENTIRE PROJECT, WEDGE -L- FROM STA. 152+00 TO STA. 155+50, INSTALL THE REMAINING TEMPORARY PAVEMENT MARKINGS, ACTIVATE THE PHASE III TEMPORARY SIGNAL, AND SHIFT TRAFFIC ONTO THE TEMPORARY PATTERN. [REFER TO SHEETS TMP-10, 11 15, AND FINAL PAVEMENT MARKING PLAN FOR -Y5- MARKINGS, ETC.]

STEP 2) USING RSD 1101.02 AS NEEDED, CONSTRUCT -L- 'RIGHT' FROM STA. 155+50 TO STA. 162+15 AND REMOVE EXISTING -L- AS NEEDED. INSTALL THE PHASE IV TEMPORARY SIGNAL. [REFER TO SHEETS TMP-10, 11, & 15]

PHASE IV

STEP 1) AWAY FROM TRAFFIC, INSTALL THE TEMPORARY PAVEMENT MARKINGS AS MUCH AS POSSIBLE. THEN, USING RSD 1101.02, SHIFT TRAFFIC ONTO THE PHASE IV PATTERN, AND ACTIVATE THE TEMPORARY SIGNAL. [REFER TO SHEETS TMP-12, 13, & 15]

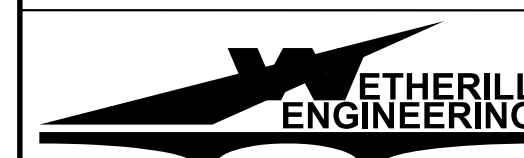
STEP 2) USING RSD 1101.02 AS NEEDED, COMPLETE CONSTRUCTION OF THE MEDIAN, REMOVING THE PAVED SHOULDER INSTALLED IN PHASE II, AND REPLACE WITH CURB AND GUTTER. INSTALL THE FINAL SIGNAL. [REFER TO SHEETS TMP-12, 13, & 15]

PHASE V

STEP 1) USING RSD 1101.02, INSTALL THE FINAL LIFT OF SURFACE COURSE, FINAL PAVEMENT MARKINGS AND MARKERS, ACTIVATE THE FINAL SIGNAL, AND SHIFT TRAFFIC ONTO THE FINAL TRAFFIC PATTERN. [REFER TO THE FINAL PAVEMENT MARKING PLAN]

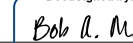
STEP 2) REMOVE ALL TRAFFIC MANAGEMENT DEVICES AND SIGNING.

7/6/2021 P:\2018\1813101LR-2566BA\Traffic\WZTC\TMP\Sheets\TONR-2566BA_TMP_03_Phasing.dgn User:AHayes




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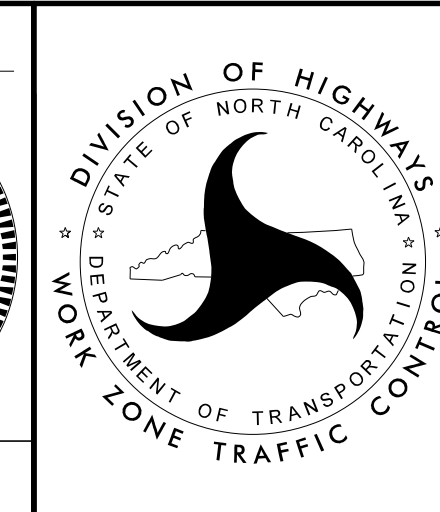
TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION

APPROVED:  Designed by: 513084624029493

DATE: 7/22/2021



**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



PHASING