


PHASING

PROJ. REFERENCE NO.	SHEET NO.
I - 5000	TMP - 3A
 HDR Engineering, Inc. of the Carolinas 555 Fayetteville St, Suite 900 Raleigh, N.C. 27601 N.C.B.E.L.S. License Number: F-0116	

COMPLETE THE WORK REQUIRED ON -Y1- (US 321 IN PHASE 1, STEP 7 USING WEEKEND LANE CLOSURES FROM 9:00 PM FRIDAY TO 6:00 AM MONDAY. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

REPEAT STEP 7 FOR A MAXIMUM OF 2 WEEKENDS UNTIL ALL WORK IS COMPLETE.

STEP 7:

CONDUCT THE FOLLOWING SEQUENCE OF ACTIVITIES:

- A.) USING LANE CLOSURES (RSD 1101.02, SHEETS 1 & 3), COMPLETE THE FOLLOWING:
 - INSTALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES FOR CLOSURE OF LEFT TURN FROM -Y1- (US 321) NB TO RANKIN LAKE RD AND CLOSE THE LEFT TURN TO TRAFFIC. (SEE SHEETS TMP-28 THRU TMP-30) (SEE LOCAL NOTE 1)
 - INSTALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES FOR WEEKEND LANE CLOSURE FOR PROPOSED ISLAND CONSTRUCTION (SEE SHEETS TMP-28 THRU TMP-31)

- B.) USING LANE CLOSURES (RSD 1101.02, SHEETS 1 & 3), ON BOTH NB AND SB -Y1- (US 321), CONDUCT THE FOLLOWING:
 - 1.5" MILL FROM -Y1- STA. 31+15 +/- TO STA. 45+00 +/- (SEE SHEETS TMP-30 AND TMP-31)
 - CONSTRUCT PROPOSED ISLANDS ALONG -Y1- (US 321) FROM -Y1- STA. 13+98 +/- TO STA. 38+48 +/- AS SHOWN ON SHEETS TMP-28 THRU TMP-30 ONLY. RETURN TRAFFIC TO THE CURRENT AND/OR PHASE 2 TRAFFIC PATTERN AT THE END OF THE WORK PERIOD. (SEE NEXT BULLET (C) FOR SHIFTING TO THE PHASE 2 TRAFFIC PATTERN.) (SEE LOCAL NOTE 2)

- C.) ONCE PROPOSED ISLANDS IN STEP 7(B) ARE COMPLETE, USING LANE CLOSURES (RSD 1101.02, SHEETS 1 & 3), LAW ENFORCEMENT, AND STOPPING TRAFFIC, PLACE TEMPORARY MARKING IN THE PHASE 2 TRAFFIC PATTERN ON -Y1- (US 321), TULIP DRIVE, RANKIN LAKE RD, -RPD-, -L- (I-85 NB) EXISTING RAMP B, -LPB-, EXISTING RAMP C AND RADIO ST, THEN OPEN ALL ROADS TO THE PHASE 2 TRAFFIC PATTERN AND REMOVE OFF-SITE DETOUR SIGNING FOR RANKIN LAKE RD. (SEE SHEETS TMP-32 THRU TMP-35)

NOTE: INSTALLATION AND ACTIVATION OF THE FOLLOWING SIGNALS WILL BE REQUIRED WHEN SHIFTING TRAFFIC TO THE PHASE 2 TRAFFIC PATTERN:

- FINAL SIGNAL (12-0922) AT -Y1- (US 321) / -Y3- (BULB AVE) / TULIP DR
- TEMPORARY SIGNAL #2 (12-0921T2) AT -Y1- (US 321) / RANKIN LAKE RD
- FINAL SIGNAL (12-1803) AT -Y1- (US 321) / -RPD-
- TEMPORARY SIGNAL #4 (12-0023T4) AT -Y1- (US 321) / EXISTING RAMP B AND LOOP B
- TEMPORARY SIGNAL #4 (12-0162T4) AT -Y1- (US 321) / EXISTING RAMP C AND LOOP C
- FINAL SIGNAL (12-1623T2) AT -Y1- (US 321) / RADIO ST

PHASE 2 (SHEETS TMP-32 THRU TMP-37)

STEP 1:

COMPLETE THE WORK REQUIRED ON -Y1- (US 321) IN PHASE 2, STEP 1 USING WEEKEND LANE CLOSURES FROM 9:00 PM FRIDAY TO 6:00 AM MONDAY. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

REPEAT STEP 1 FOR A MAXIMUM OF 3 WEEKENDS UNTIL ALL WORK IS COMPLETE.

STEP 1:

USING LANE CLOSURES (RSD 1101.02, SHEETS 1 & 3) ON -Y1- (US 321), CONDUCT THE FOLLOWING: (SEE SHEETS TMP-32 THRU TMP-35) (NOTE: INSTALL CMS AS SHOWN ON SHEET TMP-32 PRIOR TO EACH WEEKEND LANE CLOSURE OPERATION.)

- CONSTRUCTION OF CURB & GUTTER AND PAVEMENT REMOVAL (AS NEEDED) ON THE SB SIDE OF -Y1- (US 321) IN THE FOLLOWING LOCATIONS: (SEE SHEETS TMP-33 AND TMP-34)

NOTE: REMOVAL OF EXISTING LOOP C AND ALONG SB -Y1- (US 321) IN THE VICINITY OF THE CURB AND GUTTER MAY BE COMPLETED AFTER CURB AND GUTTER IS INSTALLED DURING THE WEEKEND LANE CLOSURE.

- Y1- STA. 19+62 +/- TO STA. 22+71 +/-
- LPB- STA. 15+20 +/- TO -Y1- STA. 39+00 +/-

NOTE: OPEN TRAFFIC TO THE CURRENT TEMPORARY TRAFFIC PATTERN AT THE END OF THE WORK PERIOD.

- INSTALLATION OF PROPOSED ISLANDS IN THE FOLLOWING LOCATIONS: (SEE SHEETS TMP-33 THRU TMP-35)

- Y1- STA. 24+00 +/- (RT)
- Y1- STA. 30+05 +/- (RT)
- Y1- STA. 30+10 +/- TO STA. 33+35 +/- (MEDIAN)
- Y1- STA. 39+42 +/- (RT)
- Y1- STA. 39+19 +/- TO STA. 43+52 +/- (MEDIAN)

NOTE: OPEN TRAFFIC TO THE CURRENT TEMPORARY TRAFFIC PATTERN AT THE END OF THE WORK PERIOD.

WORK IN PHASE 2, STEP 2 CAN BE COMPLETED IN CONJUNCTION WITH PLACEMENT OF FINAL LAYER OF SURFACE COURSE ON ALL OTHER ROADS IN PHASE 2, STEP 3.

COMPLETE THE WORK REQUIRED ON -LPB- IN PHASE 2, STEP 2 DURING A WEEKEND OPERATION FROM 9:00 PM FRIDAY TO 6:00 AM MONDAY. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

STEP 2:

INSTALL OFF-SITE DETOUR SIGNS AS SHOWN ON SHEET TMP-37 AND CLOSE EXISTING LOOP B AS SHOWN ON SHEET TMP-36, THEN MILL EXISTING LOOP B 3" & OVERLAY, INCLUDING THE FINAL LAYER OF SURFACE COURSE, AND PLACE FINAL MARKINGS AND MARKERS, THEN OPEN -LPB- TO TRAFFIC. (NOTE: INSTALLATION AND ACTIVATION OF TEMPORARY SIGNAL #5 (12-0023T5) AT -Y1- (US 321) / EXISTING RAMP B AND LOOP B WILL BE REQUIRED WHEN CLOSING EXISTING LOOP B AND THE FINAL SIGNAL (12-0023) WILL BE REQUIRED WHEN REOPENING -LPB- TO TRAFFIC.)

STEP 3:

USING LANE CLOSURES (RSD 1101.02, SHEETS 1, 3, 4, 9 & 10), LAW ENFORCEMENT, AND STOPPING TRAFFIC, COMPLETE THE FOLLOWING:


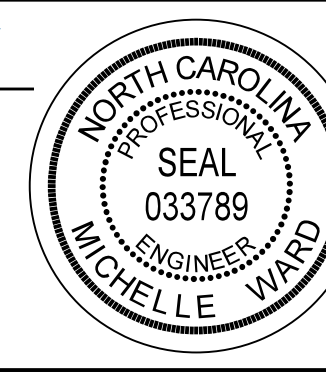
- MILL 1.5" ON -L- (I-85) FROM THE END OF THE EXISTING CONCRETE APPROACH SLAB TO -L- STA. 70+54 +/- (NB) AND -L- STA. 56+68 +/- (SB) AND PLACE THE FINAL LAYER OF SURFACE COURSE, REPLACE RUMBLE STRIPS IN THE SAME AREA, THEN PLACE THE FINAL MARKINGS AND MARKERS ON -L- (I-85) AND OPEN TO THE FINAL PATTERN. (SEE FINAL PMP)
- PLACE FINAL LAYER OF SURFACE COURSE AND FINAL MARKINGS AND MARKERS ON ALL OTHER ROADS AND OPEN ALL ROADS TO THE FINAL PATTERN. (SEE FINAL PMP) (NOTE: INSTALLATION AND ACTIVATION OF FINAL SIGNAL (12-0921) AT -Y1- (US 321) / RANKIN LAKE RD AND FINAL SIGNAL (12-0162) AT -Y1- (US 321) / EXISTING RAMP C AND LOOP C WILL BE REQUIRED WHEN PLACING TRAFFIC IN THE FINAL PATTERN. ALL OTHER FINAL SIGNALS WERE PLACED EARLIER.)

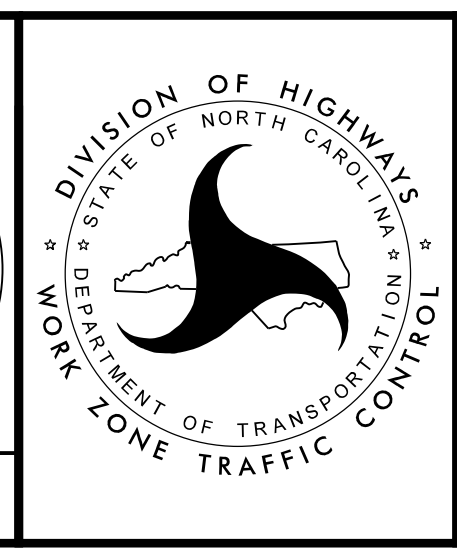
STEP 4:

REMOVE ALL REMAINING TRAFFIC CONTROL SIGNS AND DEVICES.

PLOT DRIVER: NCDOT_pdf_color_eng_50.ppt
 USER: BSCOTT
 FILE: dw:\FWAPP\TFA01\SouthEast\Tampa\Documents\000166\CON0079\59\000000000227915\06\00\Project_Design\I-5000\TrafficControl\TCP\I-5000_TMP-03.dgn
 PENTABLE: NCDOT_tcp.tbl
 TIME: 12:05:29 PM
 DATE: 1/4/2017

REVISIONS

APPROVED: 
 DATE: 1/4/2017
 SEAL

 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL PHASING