# PHASING

PROJ. REFERENCE NO. SHEET NO.

U-3308 TMP-3E

HDR Engineering, Inc. of the Carolinas 3733 National Drive, Suite 207 Raleigh, N.C. 27612 N.C.B.E.L.S. License Number: F-0116

## PHASE 2 (CONTINUED)

THE CONTRACTOR MAY CONDUCT WORK IN PHASE 2, STEP 9 UPON COMPLETION OF PHASE 2, STEP 8. PHASE 2, STEP 9 MAY NOT BE COMPLETED DURING CLOSURES OF -Y14-, -Y16-, OR -Y18-.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN PHASE 2, STEP 9 IN FOURTEEN (14) CONSECUTIVE DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

#### STEP 9:

INSTALL PEDESTRIAN DETOUR SIGNING FOR CLOSURE OF THE SIDEWALK ON HOLLOWAY STREET FROM NC 55 TO EVA STREET. (SEE SHEET TMP-2AA FOR PEDESTRIAN DETOUR ROUTE)

WORKING IN A CONTINUOUS MANNER, AWAY FROM TRAFFIC AND USING FLAGGERS, LANE CLOSURES (RSD 1101.02, SHEETS 1 AND 2 OF 15), AND LAW ENFORCEMENT AS NECESSARY, COMPLETE INSTALLATION OF AND ACTIVATE TEMPORARY SIGNAL 05-1027T6, THEN USING RSD 1101.03, SHEET 1 OF 9, CLOSE AND DETOUR -Y22- (HOLLOWAY STREET). (SEE SHEET TMP-2U FOR DETOUR ROUTE)

UPON CLOSURE OF -Y22-, AWAY FROM TRAFFIC AND USING FLAGGERS AND LANE CLOSURES (RSD 1101.02, SHEETS 1 AND 2 OF 15) AS NECESSARY, COMPLETE RECONSTRUCTION OF -Y22-, INCLUDING COMPLETION OF -LALT- FROM STA. 63+30 +/- TO STA. 64+25 +/- (RT). (SEE SHEET TMP-22)

UPON COMPLETION OF -Y22- AND ASSOCIATED -LALT- WORK, WORKING IN A CONTINUOUS MANNER AWAY FROM TRAFFIC AND USING FLAGGERS, LANE CLOSURES (RSD 1101.02, SHEETS 1 AND 2 OF 15), AND LAW ENFORCEMENT AS NECESSARY, INSTALL AND ACTIVATE TEMPORARY SIGNAL 05-1027T7, PLACE TEMPORARY MARKINGS ON -Y22- (AS SHOWN ON SHEET TMP-24), THEN REMOVE THE DETOUR AND REOPEN -Y22- TO THE TEMPORARY PATTERN.

ADJUST AND REVISE PEDESTRIAN DETOUR SIGNING ON -Y22- (HOLLOWAY STREET) (FROM ELIZABETH STREET TO ALSTON AVENUE) TO MAINTAIN CLOSURE OF THE CROSSWALK ON THE SOUTH LEG OF THE ALSTON AVENUE / HOLLOWAY STREET INTERSECTION, AS SHOWN ON SHEET TMP-24. MAINTAIN CLOSURE OF THIS CROSSWALK UNTIL COMPLETION OF THE NC 55 NB RIGHT-TURN CHANNELIZATION ISLAND IN PHASE 3, STEP 1.

#### <u>STEP 10</u>:

AWAY FROM TRAFFIC AND USING FLAGGERS, LANE CLOSURES (RSD 1101.02, SHEETS 1 AND 2 OF 15), AND LAW ENFORCEMENT AS NECESSARY, BEGIN INSTALLATION OF FINAL SIGNALS 05-0228, 05-1026, AND 05-1027.

CLOSE -Y8- (WORTH STREET), -Y10- (FRANKLIN STREET), AND -Y12- (WALL STREET) TO THROUGH TRAFFIC, THEN USING FLAGGERS AND LANE CLOSURES (RSD 1101.01, SHEET 1 OF 15) AS NECESSARY, COMPLETE CONSTRUCTION OF THE FOLLOWING: (SEE SHEET TMP-23)

- -LALT- FROM STA. 42+50 +/- TO STA. 47+25 +/-
- -Y8-
- -Y10-- -Y12-

NOTE - MAINTAIN CLOSURE OF THROUGH TRAFFIC ON -Y8-, -Y10-, AND -Y12-UNTIL TRAFFIC IS SHIFTED TO THE FINAL PATTERN IN PHASE 3.

COMPLETE ALL WORK BEGUN EARLIER IN THE FOLLOWING LOCATIONS:

- -LALT- FROM STA. 13+50 +/- TO STA. 35+82 +/- (RT)
   -LALT- FROM STA. 41+25 +/- TO STA. 42+50 +/- (LT)
- -LALT- FROM STA. 41+25 +/- TO STA. 42+30 +/- (LT)
   -LALT- FROM STA. 47+25 +/- TO STA. 66+10 +/- (LT)
- -R2-
- -R4-
- -Y2-- -NSN-/-NSS- RAIL LINES

### STEP 11:

SHIFT ALL RAIL TRAFFIC TO -NSN-/-NSS- TRACKS, THEN COMPLETE THE FOLLOWING: (SEE SHEET TMP-19)

- REMOVE RAIL DETOUR TRACKS
- REMOVE TEMPORARY SPAN ON -CSX- BRIDGE OVER -LALT-
- COMPLETE FINAL SPAN ON -CSX- BRIDGE OVER -LALT- (SEE LOCAL NOTE LN-02, SHEET TMP-2A)

UPON COMPLETION OF -CSX- BRIDGE, OPEN ALL TRACKS TO RAIL TRAFFIC.

WORKING IN A CONTINUOUS MANNER, AWAY FROM TRAFFIC AND USING FLAGGERS AND LANE CLOSURES (RSD 1101.02, SHEETS 1 AND 2 OF 15) AND LAW ENFORCEMENT AS NECESSARY, COMPLETE THE FOLLOWING IN THIS ORDER:

- 1. COMPLETE INSTALLATION OF AND ACTIVATE FINAL SIGNALS 05-0228, 05-0284, 05-1026, 05-1027, 05-1028, 05-1029, AND 05-1030
- 2. PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN ON -LALT-WHERE NOTED AND ON ALL -Y- LINES, AS SHOWN ON SHEETS TMP-25 -TMP-28. PLACE TEMPORARY MARKINGS IN A TEMPORARY PATTERN ON -LALT-WHERE SHOWN.
- 3. REOPEN -R4- AND -Y2-, THEN SHIFT TRAFFIC TO THE PHASE 3, STEP 1 PATTERN.

## PHASE 3

#### STEP 1:

USING LANE CLOSURES (RSD 1101.02, SHEET 3 OF 15) AS NECESSARY, COMPLETE ALL MEDIAN ISLANDS (CONCRETE AND LANDSCAPED) ON -LALT- FROM STA. 17+66 +/- TO STA. 63+17 +/-. (SEE SHEETS TMP-25 - TMP-28)

#### STEP 2:

INSTALL PEDESTRIAN DETOUR SIGNING FOR CLOSURE OF THE SIDEWALK ON NC 55 FROM HOLLOWAY STREET TO GILBERT STREET. (SEE SHEET TMP-2AB FOR PEDESTRIAN DETOUR ROUTE)

USING LANE CLOSURES (RSD 1101.02, SHEET 4 OF 15), REMOVE TEMPORARY GUARDRAIL ALONG -YA- (NC 147) UNDER THE NEW -LALT- (NC 55) BRIDGE, AND INSTALL PERMANENT GUARDRAIL (AS SHOWN ON SHEET TMP-25).

USING LANE CLOSURES (RSD 1101.02, SHEET 3 OF 15) AS NECESSARY, COMPLETE ALL REMAINING CONSTRUCTION ON THE -LALT- BRIDGE OVER -YA- (NC 147).

USING LANE CLOSURES (RSD 1101.02, SHEET 3 OF 15) AS NECESSARY, COMPLETE ALL REMAINING CONSTRUCTION IN THE FOLLOWING LOCATIONS: (SEE SHEETS TMP-25, TMP-27, AND TMP-28)

- -LALT- FROM STA. 14+58 +/- TO STA. 15+35 +/- (LT) - -LALT- FROM STA. 17+62 +/- TO STA. 18+41 +/- (LT),
- INCLUDING REMAINING WORK ON -R3- -LALT- / -Y7- INTERSECTION (NE QUADRANT)
- - LALT- / -Y15- INTERSECTION (NE QUADRANT)
- -LALT- / -Y17- INTERSECTION (NE QUADRANT)
- - LALT- / -Y18- INTERSECTION (NE QUADRANT)
- -LALT- / -Y22- INTERSECTION (NE QUADRANT)

#### STEP 3:

USING FLAGGERS, LANE CLOSURES (RSD 1101.02, ALL SHEETS), AND LAW ENFORCEMENT AS NECESSARY, PLACE FINAL LAYER OF ASPHALT SURFACE COURSE ON ALL ROADS.

USING FLAGGERS, LANE CLOSURES (RSD 1101.02, ALL SHEETS), AND LAW ENFORCEMENT AS NECESSARY, PLACE ALL FINAL PAVEMENT MARKINGS AND MARKERS, THEN OPEN ALL LANES TO THE FINAL PATTERN.

REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES.



PHASING