


PROJ. REFERENCE NO.	SHEET NO.
U-3308	TMP-3D
 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	

PHASING

PHASE 2 (CONTINUED)

THE CONTRACTOR MAY CONDUCT WORK IN PHASE 2, STEP 3 CONCURRENTLY WITH PHASE 2, STEPS 1, 2, AND/OR 4 - 11. PHASE 2, STEP 3 MAY NOT BE COMPLETED CONCURRENTLY WITH WORK AS NOTED IN LOCAL NOTE LN-01 (SEE SHEET TMP-2A).

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN PHASE 2, STEP 3 IN FOURTEEN (14) CONSECUTIVE DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 3:

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 05-0284T5, THEN CLOSE AND DETOUR -R5-. (SEE SHEET TMP-2H FOR DETOUR ROUTE)

UPON CLOSURE OF -R5-, AWAY FROM TRAFFIC AND USING FLAGGERS AND LANE CLOSURES (RSD 1101.02, SHEETS 1 AND 2 OF 15) AS NECESSARY, COMPLETE RECONSTRUCTION OF -R5-, INCLUDING COMPLETION OF -LALT- FROM STA. 20+00 +/- TO STA. 21+00 +/- (RT). (SEE SHEET TMP-15)

UPON COMPLETION OF -R5- 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 05-0284T6, PLACE TEMPORARY MARKINGS ON -R5- (AS SHOWN ON SHEET TMP-19), THEN REMOVE THE DETOUR AND REOPEN -R5- TO THE TEMPORARY PATTERN.

THE CONTRACTOR MAY CONDUCT WORK IN PHASE 2, STEP 4 CONCURRENTLY WITH PHASE 2, STEPS 1 - 3, 5, 6, 8, AND/OR 10 - 11. PHASE 2, STEP 4 MAY NOT BE COMPLETED CONCURRENTLY WITH PHASE 2, STEPS 7 OR 9.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN PHASE 2, STEP 4 IN FOURTEEN (14) CONSECUTIVE DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 4:

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 05-1029T7, THEN CLOSE AND DETOUR -Y18- (LIBERTY STREET). (SEE SHEET TMP-2S FOR DETOUR ROUTE)

USING RSD 1101.03, SHEET 1 OF 9, UPON CLOSURE OF -Y18-, AWAY FROM TRAFFIC AND USING FLAGGERS AND LANE CLOSURES (RSD 1101.02, SHEETS 1 AND 2 OF 15) AS NECESSARY, COMPLETE RECONSTRUCTION OF -Y18-, INCLUDING COMPLETION OF -LALT- FROM STA. 56+70 +/- TO STA. 57+75 +/- (LT). (SEE SHEET TMP-18)

UPON COMPLETION OF -Y18- 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 05-1029T8, PLACE TEMPORARY MARKINGS ON -Y18- (AS SHOWN ON SHEET TMP-22), THEN REMOVE THE DETOUR AND REOPEN -Y18- TO THE TEMPORARY PATTERN.

STEP 5:

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 TEMPORARY SIGNAL 05-1030T5.

COMPLETE CONSTRUCTION OF -LALT- FROM STA. 37+20 +/- TO STA. 41+50 +/- AND -Y7- BEGUN EARLIER.

COMPLETE CONSTRUCTION OF -LALT- FROM STA. 53+70 +/- TO STA. 54+70 +/- AND -Y16- BEGUN EARLIER.

COMPLETE CONSTRUCTION OF -Y- AND -Y3A- BEGUN EARLIER.

STEP 6:

AWAY FROM TRAFFIC AND USING FLAGGERS AND LANE CLOSURES (RSD 1101.02, SHEET 1 OF 15) AS NECESSARY, INSTALL TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN ON -Y- AND -Y3A-, THEN OPEN -Y- AND -Y3A- TO THE FINAL PATTERN, AS SHOWN ON SHEET TMP-19.

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 05-1030T5, INSTALL TEMPORARY PAVEMENT MARKINGS ON -LALT- FROM STA. 36+00 +/- TO STA. 47+68 +/-, -Y7-, AND -Y16- (AS SHOWN ON SHEETS TMP-20 - TMP-22), REOPEN -Y7- AND -Y16-, THEN SHIFT TRAFFIC TO THE TEMPORARY PATTERN ON -LALT-.

PHASE 2 (SHEETS TMP-19 - TMP-24)

STEP 7:

AWAY FROM TRAFFIC AND USING FLAGGERS, LANE CLOSURES (RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 15), AND LAW ENFORCEMENT AS NECESSARY, BEGIN INSTALLATION OF TEMPORARY SIGNALS 05-0284T7 AND 05-1028T3.

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 05-1029 AND 05-1030.

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 05-1026T4, THEN USING RSD 1101.03, SHEET 1 OF 9, CLOSE AND DETOUR -Y2- (ANGIER AVENUE). (SEE SHEET TMP-2L FOR DETOUR ROUTE.) UPON CLOSURE OF -Y2-, USING FLAGGERS AND LANE CLOSURES (RSD 1101.01, SHEET 1 OF 15) AS NECESSARY, BEGIN CONSTRUCTION OF THE FOLLOWING: (SEE SHEETS TMP-20 - TMP-21 AND LOCAL NOTE LN-05)

- -LALT- FROM STA. 31+00 +/- TO STA. 32+00 +/-
- -Y2-

USING RSD 1101.03, SHEET 1 OF 9, CLOSE AND DETOUR -Y6- (MORNING GLORY AVENUE), THEN AWAY FROM TRAFFIC AND USING FLAGGERS AND LANE CLOSURES (RSD 1101.01, SHEET 1 OF 15) AS NECESSARY, BEGIN CONSTRUCTION OF THE FOLLOWING: (SEE SHEETS TMP-20 - TMP-21 AND LOCAL NOTE LN-05) (SEE SHEET TMP-20 FOR DETOUR ROUTE.)

- -LALT- FROM STA. 39+00 +/- TO STA. 41+25 +/-
- -Y6-
- TEMPORARY PAVEMENT FROM -LALT- STA. 40+20 +/- TO STA. 41+25 +/- TO PROVIDE A TEMPORARY CONNECTION ACROSS THE MEDIAN

USING RSD 1101.03, SHEET 1 OF 9, CLOSE AND DETOUR -Y14- (TAYLOR STREET), THEN AWAY FROM TRAFFIC AND USING FLAGGERS AND LANE CLOSURES (RSD 1101.01, SHEET 1 OF 15) AS NECESSARY, COMPLETE INSTALLATION OF AND ACTIVATE TEMPORARY SIGNAL 05-0228T7, THEN BEGIN CONSTRUCTION OF THE FOLLOWING: (SEE SHEET TMP-21) (SEE SHEET TMP-2S FOR DETOUR ROUTE)

- -LALT- FROM STA. 48+30 +/- TO STA. 49+46 +/-
- -Y14-

AWAY FROM TRAFFIC AND USING FLAGGERS AND LANE CLOSURES (RSD 1101.01, SHEETS 1 AND 2 OF 15) AS NECESSARY, BEGIN CONSTRUCTION OF THE FOLLOWING: (SEE SHEET TMP-21)

- -LALT- FROM STA. 41+25 +/- TO STA. 42+50 +/- (LT)
- -LALT- FROM STA. 47+25 +/- TO STA. 48+30 +/- (LT)

STEP 8:

COMPLETE CONSTRUCTION OF -LALT- FROM STA. 39+00 +/- TO STA. 41+25 +/- AND -Y6- BEGUN EARLIER. UPON COMPLETION, 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, PLACE TEMPORARY MARKINGS (AS SHOWN ON SHEET TMP-23), THEN REMOVE THE DETOUR AND REOPEN -Y6- TO THE TEMPORARY PATTERN.

COMPLETE CONSTRUCTION OF -LALT- FROM STA. 48+30 +/- TO STA. 49+46 +/- AND -Y14- BEGUN EARLIER. UPON COMPLETION, 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 05-0228T8, PLACE TEMPORARY MARKINGS ON -Y14- (AS SHOWN ON SHEET TMP-23), THEN REMOVE THE DETOUR AND REOPEN -Y14- TO THE TEMPORARY PATTERN.




DURING A NIGHT OPERATION FROM 8:00 PM UNTIL 6:00 AM THE FOLLOWING MORNING, AND USING FLAGGERS, LANE CLOSURES (RSD 1101.02, SHEETS 1 AND 3 OF 15) AND LAW ENFORCEMENT AS NECESSARY, COMPLETE CLOSURE POUR ON THE NC 55 BRIDGE OVER NC 147, AS SHOWN ON SHEET TMP-19. (REPEAT NIGHT OPERATION AS NECESSARY UNTIL COMPLETION OF THE CLOSURE POUR.)

NOTE - A NIGHT, ONE-LANE OPERATION SHALL BE USED IN ORDER TO MINIMIZE VIBRATIONS ON THE BRIDGE DURING PLACEMENT OF THE CONCRETE CLOSURE POUR.

REVISIONS

PLOT DRIVER: NCDOT_pdf_color_eng_50.plt
 USER: erbrooks
 FILE: c:\pwworking\pa\d0487729\U-3308_TMP-TMP-03.dgn
 PENTABLE: NCDOT_tcp.tbl
 DATE: 5/12/2016
 TIME: 3:58:13 PM

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

APPROVED  DATE: 5/13/2016 SEAL 		PHASING
--	---	---------