



PHASE 1 (CONT.)

THE WORK REQUIRED IN PHASE 1, STEPS 2A AND 2B MAY BE CONDUCTED ALONG WITH OTHER WORK IN PHASE 1, STEP 2, HOWEVER, STEP 2A MUST BE COMPLETED PRIOR TO STEP 2B.

STEP 2A:
USING LANE CLOSURES, COMPLETE THE FOLLOWING (SEE SHEET TMP-42):

1. SHIFT -Y5- (WOODBERRY DRIVE) TRAFFIC TO THE -Y5DET- TEMPORARY ALIGNMENT ALONG -Y5- THAT WAS CONSTRUCTED IN PHASE 1, STEP 1
2. CONSTRUCT -Y5- (WOODBERRY DRIVE) AND RT SIDE OF NC 42 FROM -L- STA. 50+88 +/- TO STA. 52+20 +/-, INCLUDING TEMPORARY TIE FROM -Y5- TO EXISTING NC 42
3. PLACE TEMPORARY MARKING AND MARKERS AND OPEN -Y5- (WOODBERRY DRIVE) TO TRAFFIC THEN CONSTRUCT -DRW17- & REMOVE -Y5DET-

STEP 2B:
USING LANE CLOSURES, COMPLETE THE FOLLOWING (SEE SHEETS TMP-43 & TMP-44):

- RT SIDE OF -L- FROM STA. 38+74 +/- TO STA. 50+88 +/-
- -Y4- (FOX RIDGE ROAD), INCLUDING -DRW16-

THEN OPEN -Y4- (FOX RIDGE ROAD) ACCESS TO NC 42 VIA -Y5- (WOODBERRY DRIVE) AS SHOWN. ONCE -Y4- (FOX RIDGE ROAD) IS OPEN, CONSTRUCT RT SIDE OF NC 42 FROM -L- STA. 37+00 +/- TO -L- STA. 38+74 +/- AND -DRW15- AND REMOVE -Y4DET- ALONG -Y4- (FOX RIDGE ROAD).

STEP 3:
USING LANE CLOSURES, COMPLETE THE FOLLOWING:

- RT SIDE OF NC 42, NOT COMPLETED EARLIER, FROM PROJECT BEGIN TO -Y12A- (FLOWERS PARKWAY), INCLUDING -DRW3-, RIGHT SIDE OF BRIDGE OVER THE NEUSE RIVER, -DRW4-, -DRW6-, -DRW7-, -DR1- (ALECIA COURT), -DRW8-, -DRW9-, -DRW10-, -DRW12- AND RIGHT SIDE OF CULVERT AT -L- STA. 167+00 +/-
- -Y6- (CASTLEBERRY ROAD)
- -Y8- (BENNETT PLACE)
- -Y10- (QUEEN ANN DRIVE)
- -Y11- (NEUSE COLONY DRIVE)
- -Y11A- (TUSCAN RIDGE DRIVE)

STEP 4:
USING LANE CLOSURES, PLACE TEMPORARY MARKING AND SHIFT TRAFFIC TO THE PHASE 2 TRAFFIC PATTERN. (SEE SHEETS TMP-45 THRU TMP-61)

* TEMPORARY AND/OR FINAL SIGNALS WILL BE REQUIRED AT THE FOLLOWING INTERSECTIONS WITH NC 42:

- GLEN LAUREL RETAIL (#04-1433)
- Y6- (CASTLEBERRY ROAD) (#04-1241T1)
- Y9- (NEUSE RIVER PARKWAY) (#04-1412T3)
- Y11C-/-Y12- (PORTOFINO DRIVE/MOTORCYCLE ROAD) (#04-1423T1) REMAINS
- Y12A- (FLOWERS PKWY)/-DRW27-/-L- (NC 42) (#04-1432T1) REMAINS

* PCB WILL BE REQUIRED AT THE FOLLOWING LOCATIONS PRIOR TO SHIFTING TO THE PHASE 2 TRAFFIC PATTERN:

- L- STA. 61+50 +/- TO STA. 67+50 +/- (SEE SHEET TMP-49)
- L- STA. 96+00 +/- TO STA. 110+74 +/- (SEE SHEETS TMP-51 AND TMP-52)
- L- STA. 163+30 +/- TO STA. 176+00 +/- (SEE SHEETS TMP-56 AND TMP-57)

ONCE TRAFFIC IS PLACED IN THE PHASE 2 TRAFFIC PATTERN ON -LDET2- FROM STA. 171+20 +/- TO STA. 181+91 +/-, PROCEED WITH THE WORK REQUIRED DURING THE INTERMEDIATE CONTRACT TIME IN PHASE 2, STEP 1B.

PHASE 2 (SEE SHEETS TMP-45 THRU TMP-62C)

STEP 1:
AWAY FROM TRAFFIC AND USING LANE CLOSURES, CONSTRUCT LT SIDE OF NC 42 IN THE FOLLOWING LOCATIONS:

- -L- STA. 35+50 +/- TO -L- STA. 68+00 +/-, INCLUDING -DRW2- AND LEFT SIDE OF BRIDGE OVER THE NEUSE RIVER (INCLUDING CLOSURE POUR)
- -L- STA. 75+70 +/- TO -L- STA. 92+54 +/-
- -L- STA. 94+92 +/- TO -L- STA. 138+50 +/-, INCLUDING JUNCTION BOX AND PIPE AT -L- STA. 114+15 +/-
- -L- STA. 153+22 +/- TO -L- STA. 171+16 +/-, INCLUDING LEFT SIDE OF CULVERT AT -L- STA. 167+00 +/-
- -L- STA. 199+00 +/- TO -L- STA. 216+50 +/-, INCLUDING -DRW11-

AWAY FROM TRAFFIC AND USING LANE CLOSURES, CLOSE AND CONSTRUCT -Y10A-. TRAFFIC WILL UTILIZE ALTERNATE ENTRANCES OFF OF -Y9- (NEUSE RIVER PARKWAY).

USING LANE CLOSURES, CONSTRUCT -Y10B- (TRILLIUM WAY) AND -Y10C- (BROOKHAVEN DRIVE) UNDER TRAFFIC, INCLUDING -DRW19- AND -DRW20-. USE INCIDENTAL STONE AS NEEDED TO MAINTAIN TRAFFIC.

AWAY FROM TRAFFIC AND USING LANE CLOSURES, COMPLETE CONSTRUCTION OF THE FOLLOWING:

- RT SIDE OF NC 42 FROM -Y12A- (FLOWERS PARKWAY) TO PROJECT END (-L- STA. 257+50 +/-), INCLUDING -DRW13- AND -DRW14-
- LT SIDE OF NC 42 FROM -L- STA. 222+39 +/- TO PROJECT END (-L- STA. 257+50 +/-)
- -Y13- (BUFFALO ROAD) INCLUDING -DRW21- AND -DRW22-

THE WORK REQUIRED IN PHASE 2, STEP 1A AND 1B SHALL BE CONDUCTED ALONG WITH OTHER WORK IN PHASE 2, STEP 1.

COMPLETE THE WORK REQUIRED IN PHASE 2, STEP 1A IN FOURTEEN (14) CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 1A:
COMPLETE THE FOLLOWING:

1. USING RSD 1101.03, SHEET 2 OF 9, CLOSE -Y7- (EAST SCHOOL ROAD) AND PLACE TRAFFIC IN THE OFF-SITE DETOUR
2. AWAY FROM TRAFFIC, CONSTRUCT -Y7- (EAST SCHOOL ROAD)
3. PLACE TEMPORARY MARKING AND MARKERS AND REOPEN TO CURRENT TEMPORARY TRAFFIC PATTERN

THE WORK REQUIRED IN PHASE 2, STEP 1B SHALL BE CONDUCTED IMMEDIATELY UPON SHIFTING TO THE PHASE 2 TRAFFIC PATTERN IN ORDER TO MINIMIZE THE DURATION THAT TRAFFIC WILL BE ON THE -LDET2- TEMPORARY ALIGNMENT.

COMPLETE THE WORK REQUIRED IN PHASE 2, STEP 1B IN SIXTY (60) CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

STEP 1B:
COMPLETE THE FOLLOWING:

1. CLOSE -Y11B- (VERONA DRIVE) AND DIRECT TRAFFIC TO TUSCAN RIDGE ROAD AS SHOWN ON SHEETS TMP-57 AND TMP-58
2. AWAY FROM TRAFFIC AND USING LANE CLOSURES, CONSTRUCT RIGHT SIDE OF -L- FROM STA. 178+00 +/- TO 186+00 +/- AND -Y11B- (VERONA DRIVE).
3. PLACE TEMPORARY MARKINGS AND MARKERS AND OPEN -Y11B- (VERONA DRIVE) TO THE PHASE 2, STEP 2 TRAFFIC PATTERN. (SEE SHEETS TMP-62A, TMP-62B AND TMP-62C)
* TEMPORARY SIGNAL WILL BE REQUIRED AT THE -Y11C-/-Y12- (PORTOFINO DR/ MOTORCYCLE ROAD) INTERSECTION (#04-1423T2)

STEP 2:
AWAY FROM TRAFFIC AND USING LANE CLOSURES, CONSTRUCT LEFT SIDE OF -L- FROM STA. 171+16 +/- TO 186+00 +/- (SEE SHEETS TMP-62A AND TMP-62B)

STEP 3:
USING LANE CLOSURES, PLACE TEMPORARY MARKINGS AND SHIFT TRAFFIC TO THE PHASE 3 TRAFFIC PATTERN.

* TEMPORARY SIGNALS WILL BE REQUIRED AT THE FOLLOWING INTERSECTIONS WITH NC 42:

- Y6- (CASTLEBERRY ROAD) (#04-1241T2)
- Y9- (NEUSE RIVER PARKWAY) (#04-1412T4)
- Y11C-/-Y12- (PORTOFINO DRIVE/MOTORCYCLE ROAD) (#04-1423T3)
- Y12A- (FLOWERS PKWY)/-DRW27-/-L- (NC 42) (#04-1432T3)
- Y13- (BUFFALO ROAD) (#04-0874T2)

PHASE 3 (SEE SHEETS TMP-63 THRU TMP-82)

STEP 1:
AWAY FROM TRAFFIC AND USING LANE CLOSURES AS NEEDED, CONSTRUCT MEDIAN GRASS AND MONOLITHIC ISLANDS THROUGHOUT THE PROJECT, INCLUDING ANY C&G OMITTED EARLIER.

- * ALL ISLAND CONSTRUCTION MAY OCCUR SIMULTANEOUSLY, EXCEPT AS NOTED FOR BULB-OUT AROUND -L- STA. 142+00 +/- AT THIS LOCATION, ALTERNATE ISLAND CONSTRUCTION SO THAT U-TURN REMAINS OPEN AT ALL TIMES.
- * ALL TRAFFIC WILL U-TURN AT NEAREST INTERSECTION (OR BULB-OUT LOCATION AROUND -L- STA. 142+00 +/-) DURING CONSTRUCTION OF MEDIAN.

USING LANE CLOSURES, INSTALL AND COVER PROPOSED SIGNAL AT -Y12A- (FLOWERS PARKWAY).

STEP 2:
USING LANE CLOSURES, PLACE THE FINAL LAYER OF SURFACE COURSE AND TEMPORARY MARKINGS IN THE FINAL PATTERN, THEN PLACE TRAFFIC IN THE FINAL PATTERN.

* FINAL SIGNALS WILL BE REQUIRED AT THE FOLLOWING INTERSECTIONS WITH NC 42:

- Y6- (CASTLEBERRY ROAD) (#04-1241)
- Y9- (NEUSE RIVER PARKWAY) (#04-1412)
- Y11C-/-Y12- (PORTOFINO DRIVE/MOTORCYCLE ROAD) (#04-1423)
- Y12A- (FLOWERS PARKWAY) (#04-1432)
- Y13- (BUFFALO ROAD) (#04-0874)

STEP 3:
USING LANE CLOSURES, PLACE THE FINAL MARKINGS AND MARKERS AND REOPEN TRAFFIC TO THE FINAL PATTERN.

STEP 4:
REMOVE ALL REMAINING TRAFFIC CONTROL DEVICES.

REVISIONS
04/01/2020: REVISED PHASE 1, STEPS 1, 1B, 2 AND 4 AND PHASE 2, STEP 3 TO INCLUDE TEMP. SIGNALS AT THE -Y12A- (FLOWERS PKWY)/-DRW27-/-L- (NC 42) INTERSECTION FOR OPENING OF -DRW27-.

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TIME: 1:30:55 PM
FILE: C:\Users\charnden\Desktop\Working Folder\AR-3825B\AR3825B_1C_TMP-03.dgn

APPROVED: *Michelle Ward*
DATE: 4/1/2020

SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



PHASING