

PHASE I

STEP 1: USING ROADWAY STANDARD DRAWING (RSD) 1101.01, SHEET 3 OF 3, PLACE WORK ZONE ADVANCE WARNING SIGNS ALONG -L- (ROSECREEK RD), -Y1- (NC 28), AND -Y- (HP MCCOY RD).

STEP 2: -USING RSD 1101.02, SHEET 1 OF 15; TMP-4, TMP-5, AND ROADWAY/STRUCTURES PLAN:

- WIDEN -Y1- WITH TEMPORARY PAVEMENT FROM STA. 10+00±,RT. TO STA. 14+50±,RT., AND FROM STA. 18+00±,RT. TO STA. 20+00±,RT.
- CONSTRUCT EXPRESSWAY GUTTER ON -Y1- FROM STA. 10+50±,LT. TO STA. 14+00±,LT., AND FROM STA. 18+25±,LT. TO STA. 20+25±,LT.
- CONSTRUCT SHOULDER FROM -Y1- FROM STA. 10+00±,LT. TO STA. 11+00±,LT., AND FROM STA. 18+25±,LT. TO STA. 21+70±,LT., UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. WEDGE -Y1- TO MATCH TO PROPOSED SHOULDER ELEVATION.
- CONSTRUCT -DRW2- INCLUDING FINAL LAYER OF SURFACE COURSE.

-AWAY FROM TRAFFIC USING TMP-4, TMP-5, AND ROADWAY/STRUCTURES PLAN:

- BEGIN CONSTRUCTION OF PROPOSED BRIDGE NO. 172 AND APPROACHES.
- BEGIN CONSTRUCTION OF ROADWAY AND DRAINAGE ON -L- FROM STA. 14+80± TO STA. 16+67± AND FROM STA. 20+00± TO STA. 21+49± UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. ONLY CONSTRUCT SHOULDER WITH GUARDRAIL FROM -L- STA. 15+33±,RT. TO -L- STA. 21+49±.
- CONSTRUCT ROADWAY AND EXPRESSWAY GUTTER ON -Y1- FROM STA. 14+00± TO STA. 18+25±, UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.
- PARTIAL ROADWAY AND DRAINAGE ON -Y- FROM STA. 12+09±,LT. TO -L-, UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.

PHASE II

STEP 1: IN A CONTINUOUS MANNER USING TMP-6 AND RSD 1101.01, SHEET 1 OF 15:

- A) PLACE TEMPORARY PAVEMENT MARKINGS ON -Y1-.
- B) PLACE WATER-FILLED BARRIER ON -Y1-.
- C) INSTALL AND ACTIVATE PORTABLE TRAFFIC SIGNALS AT THE LIMITS OF CONSTRUCTION OF -Y1-, AND AT THE INTERSECTION OF -Y1- AND -L-. PLACE -Y1- INTO ONE-LANE, TWO-WAY PATTERN WITH ACCESS TO -L-.

STEP 2: AWAY FROM TRAFFIC, USING TMP-6 AND ROADWAY PLANS, CONSTRUCT -Y1- FROM STA. 11+00±,LT. TO STA. 14+00±,LT., AND FROM STA. 17+50±,LT. TO STA. 18+25±,LT., UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT MARKINGS AND WATER-FILLED BARRIER AS SHOWN ON TMP-8.

STEP 3: USING TMP-6 AND RSD 1101.01, SHEET 1 OF 15:

- A) DEACTIVATE PORTABLE TRAFFIC SIGNALS.
- B) WEDGE -Y1- FROM 10+00±,LT. TO STA. 11+00±,LT. AND FROM STA. 18+25±,LT. TO STA. 20+00±,LT. UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. TIE IN TO EXISTING NC 28 TO ALLOW ACCESS FROM EXISTING ROADWAY.
- C) REACTIVATE PORTABLE TRAFFIC SIGNALS AT THE END OF EACH WORK DAY.

PHASE III

STEP 1: IN CONTINUOUS MANNER:

- A) USING RSD 1101.03, SHEET 1 AND 2 OF 9; PLACE SIGNS FOR OFF-SITE DETOUR AS SHOWN ON TMP-7, TMP-8, AND TMP-11.
- B) USING RSD 1101.03, SHEET 1 AND 2 OF 9; PLACE BARRICADES TO CLOSE -L- FROM STA. 14+30± TO STA. 22+30± AS SHOWN ON TMP-7 AND TMP-8. PLACE TRAFFIC ON OFF-SITE DETOUR AS SHOWN ON TMP-11.
- C) USING TMP-8 AND RSD 1101.01, SHEET 1 OF 15, INSTALL AND ACTIVATE PORTABLE TRAFFIC SIGNALS AT THE LIMITS OF CONSTRUCTION OF -Y1-, AND DRIVEWAY SIGNALS AT -DRW2- AND AT -Y1- STA. 21+40±. PLACE -Y1- INTO ONE-LANE, TWO-WAY PATTERN.

PHASE III CONTINUED →

PHASE III (CONTINUED)

STEP 2: USING ROADWAY PLANS, TMP-7 AND RSD 1101.01, SHEET 1 OF 15:

- A) IN A CONTINUOUS MANNER:
 - WEDGE AND WIDEN -Y- TO PROPOSED ELEVATION FROM STA. 11+55± TO STA. 12+00±.
 - WEDGE -Y- WITH TEMPORARY TRANSITIONAL PAVEMENT FROM PROPOSED ELEVATION AT STA. 12+00± AND TIE INTO EXISTING ELEVATION AT STA. 12+50±.

B) PLACE -Y- INTO ONE-LANE, TWO-WAY TRAFFIC PATTERN.

AWAY FROM TRAFFIC, USING ROADWAY PLANS, TMP-7, AND TMP-8:

- CONSTRUCT REMAINING ROADWAY AND GUARDRAIL FROM -Y1- STA. 11+00±,RT. TO -Y1- STA. 18+25±,RT. UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON FINAL PAVEMENT MARKING PLANS.
- CONSTRUCT -DRW1- INCLUDING FINAL LAYER OF SURFACE COURSE.
- CONSTRUCT MINIMUM 10' ROADWAY FROM -Y- STA. 12+00± TO -L- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON FINAL PAVEMENT MARKING PLANS.
- COMPLETE CONSTRUCTION OF FROM -L- STA. 14+40± TO -L- STA. 22+25±, INCLUDING ALL CONSTRUCTION OF ROADWAY, SHOULDER, GUARDRAIL, DRAINAGE, PROPOSED BRIDGE NO. 172, AND APPROACHES FROM PHASE I, STEP 2, UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. TIE IN ROADWAY TO -Y- AND -Y1-. PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON FINAL PAVEMENT MARKING PLANS.

STEP 3: IN A CONTINUOUS MANNER USING TMP-8 AND RSD 1101.01, SHEET 1 OF 15:

- A) DEACTIVATE AND REMOVE PORTABLE TRAFFIC SIGNALS.
- B) WEDGE -Y1- FROM 10+00±,RT. TO STA. 11+00±,RT. AND FROM STA. 18+25±,RT. TO STA. 21+75±,RT. UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.
- C) REMOVE WATER-FILLED BARRIERS AND PLACE TEMPORARY PAVEMENT MARKINGS ON -Y1- AS SHOWN ON FINAL PAVEMENT MARKINGS PLANS.
- D) OPEN -Y1- TO FINAL TWO-WAY, TWO-LANE TRAFFIC PATTERN.

PHASE IV

STEP 1: USING TMP-9 AND TMP-10, AND TMP-11, PLACE SIGNS FOR OFF-SITE DETOUR.

STEP 2: IN A CONTINUOUS MANNER USING TMP-9, TMP-10, AND RSD 1101.01, SHEET 1 OF 15:

- A) OPEN -L- FROM STA. 14+70± TO -Y1-.
- B) PLACE TRAFFIC ON EXISTING -Y- ONTO CONSTRUCTED LANE OF -Y- FROM STA. 11+55±,LT. TO -L-.
- C) USING RSD 1101.03, SHEET 1 OF 9, CLOSE -L- FROM STA. 10+00± TO STA. 14+80±. PLACE TRAFFIC ON OFF-SITE DETOUR AS SHOWN IN TMP-11.
- D) PLACE TRAFFIC BETWEEN -L- AND -Y- INTO A ONE-LANE, TWO-WAY TRAFFIC PATTERN.

STEP 3: AWAY FROM TRAFFIC, USING TMP-9 AND ROADWAY PLANS:

- CONSTRUCT ROADWAY AND DRAINAGE FROM -L- STA. 12+00± TO -L- STA. 14+65± UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON FINAL PAVEMENT MARKING PLANS.
- CONSTRUCT REMAINING -Y- FROM STA. 12+00± TO -L-.

STEP 4: USING ROADWAY PLANS AND RSD 1101.01, SHEET 1 OF 15; PLACE FINAL LAYER OF SURFACE COURSE ON -L-, -Y-, AND -Y1-. PLACE FINAL PAVEMENT MARKINGS AS SHOWN ON FINAL PAVEMENT MARKING PLANS.

STEP 5: REMOVE ALL TRAFFIC CONTROL DEVICES, INCLUDING ALL OFF-SITE DETOUR SIGNS, AND OPEN ALL ROADS TO FINAL TRAFFIC PATTERN.

APPROVED: <i>J. W. Woolard, Jr.</i> <small>07918REBADS427</small> DATE: 9/3/2015			<p style="text-align: center;">TEMPORARY TRAFFIC CONTROL PHASING</p>
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