

PHASING

PHASE II (CONTINUED)

STEP 3: LONG BEACH ROAD BRIDGE: COMPLETE PHASE I STEP 12, THEN COMPLETE STEPS 3.1 THRU 3.3 IN ORDER.

3.1: INSTALL AND COVER TRAFFIC CONTROL DEVICES ON TMP-2D.

COMPLETE THE REQUIREMENTS OF PHASE II STEPS 3.2 THRU 3.4 BETWEEN SEPTEMBER 16 OF ANY YEAR THE CONTRACTOR ELECTS TO BEGIN WORK AFTER THE DELAY OF AVAILABILITY AND AUGUST 15 OF THE FOLLOWING YEAR THAT THE CONTRACTOR ELECTS TO BEGIN WORK. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

3.2: USING RSD 1101.02 (SHEET 3 AND 7 OF 14) AND POLICE AS NEEDED, INSTALL TEMPORARY PAVEMENT MARKINGS ON -Y14A- AND -Y14C- AS SHOWN ON TMP-113, INSTALL TEMPORARY PAVEMENT MARKINGS ON -Y14D- AS SHOWN ON TMP-100 AND 112. INSTALL AND ACTIVATE TEMPORARY SIGNALS AT -Y14D- AND -Y14A- AND AT -Y14A- AND -Y14C- INTERSECTIONS, UNCOVER TRAFFIC CONTROL DEVICES INSTALLED IN PHASE II STEP 3.1, OPEN -Y14D- TO TRAFFIC BETWEEN -L- AND -Y14A-, AND CLOSE -Y14A- TO TRAFFIC BETWEEN -Y14D- AND -Y14C-. REMOVE PREVIOUS SIGNALS AT INTERSECTIONS OF -Y14A- AT -Y14D-, -Y14A- AT -L-, -Y14A- AT -Y14C-, AND -14D- AT -L-.

3.3: USING RSD 1101.02 (SHEET 3 AND 7 OF 14), INSTALL TEMPORARY PAVEMENT MARKINGS ON -L- FROM STA 330+01+/- TO -Y14D-, TEMPORARY PCB FROM -L- STA 330+45+/- TO 334+10+/-, TEMPORARY PCB FROM -L- STA 330+39+/- TO 334+94+/-, TEMPORARY GUARDRAIL ANCHOR UNIT, AND TEMPORARY SHOP CURVED GUARDRAIL AC. (TMP-99) AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF LONG BEACH ROAD BRIDGE AND -Y14A- APPROACHES FROM -Y14D- TO -Y14C-, INCLUDING -Y14E- (CLOSE ACCESS WITH BARRICADE AS SHOWN ON PHASE II OVERVIEW), AND INSTALL PHASE III TEMPORARY PAVEMENT MARKINGS AS MUCH AS POSSIBLE. (SEE TMP-144 AND TMP-160) CLOSE -L- (30 MINUTES MAX) TO HANG GIRDERS. USING RSD 1101.02 (SHEET 3 OF 14), CONSTRUCT -L- EB FROM STA 326+50+/- TO -Y14A- AND REMOVE PAVEMENT.

3.4: USING RSD 1101.02 (SHEET 3 AND 7 OF 14) AND POLICE AS NEEDED, INSTALL TEMPORARY SIGNALS FOR -L- AT -Y14D-, -Y14A- AT -Y14C-, AND -Y14A- AT -Y14D-, INSTALL TEMPORARY PAVEMENT MARKINGS ON -L- FROM STA 331+55+/- TO 340+85+/- AND -Y14D- FROM -Y14A- TO -Y14C-. OPEN -Y14A- TO PHASE III TEMPORARY PATTERN (ACROSS BRIDGE), SHIFT (-L-) TO PHASE III TEMPORARY PATTERN. REMOVE PREVIOUS TEMPORARY SIGNALS. (TMP-144, 145, AND 157 THRU 160)

NOTE: PHASE II STEP 4 MAY BEGIN AT THE END OF DELAY OF ENTRY, OR PER DIRECTIONS BY THE ENGINEER, FOR ROADWAYS -L- (NC 211): FROM STA 47+50+/- TO STA 78+00+/- (RT) AND -YAREV- FROM STA 10+03+/- TO STA 11+25+/- AND STA 21+28+/- TO STA 23+19.75+/- . ONCE BEGUN, PHASE II STEP 4 MAY BE DONE SIMULTANEOUSLY WITH PHASE II STEPS 1 THRU 3 AND 5 AND MAY BE COMPLETED IN ANY ORDER (UNLESS STATED OTHERWISE)

STEP 4: -YAREV-: COMPLETE PHASE I STEP 13 AND PHASE II STEP 3.3, THEN COMPLETE STEPS 4.1 THRU 4.6 IN ORDER.

4.1: -L- EBL BETWEEN -L- STA 55+00+/- AND -L- STA 76+00+/-, INCLUDING COMPLETION OF RCBC AT STA 64+00+/- AND -YAREV- FROM -L- TO -YAREV- STA 11+25+/- . REMOVE SHORING AS NEEDED. (LN-2) (TMP-86 THRU 88) COMPLETE PROPOSED SLOPE AND DITCH FROM -L- STA 47+50 TO STA 55+00+/- (RT). PLACE PHASE III TEMPORARY PAVEMENT MARKINGS AS MUCH AS POSSIBLE. (SEE TMP-128 THRU TMP-130)

4.2: COORDINATE WITH OVERSIZE/OVERWEIGHT DIVISION BEFORE STARTING STEP 4.3.

COMPLETE THE REQUIREMENTS OF PHASE II STEPS 4.3 THRU 4.6 IN EIGHTEEN (18) CONSECUTIVE CALENDAR DAYS DURING THE OFF-SEASON. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

4.3: USING RSD 1101.02 (SHEET 1, 2, AND 3 OF 14), CLOSE ONE LANE ON -YREV- (MIDDLETON BLVD) SOUTHBOUND BY INSTALLING TEMPORARY PAVEMENT MARKINGS FROM -L- STA 77+67+/- TO -YREV- 52+25+/- . SHIFT -YREV- TRAFFIC TO TEMPORARY TWO LANE TWO WAY PATTERN. (TMP-116 THRU 118)

4.4: AWAY FROM TRAFFIC, CONSTRUCT -YREVTCP1- FROM -YREV- STA 36+79+/- TO 44+24+/- (SEE SHEET 2B-9) AND TEMPORARY GRADE TO -YAREV- UP TO -YAREV- STA 21+28+/- . (TMP-117) INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-120 AS MUCH AS POSSIBLE.

4.5: USING RSD 1101.02 (SHEET 1 OF 14), INSTALL TEMPORARY PAVEMENT MARKINGS FROM -YREV- STA 33+00+/- TO 52+25+/- AND SHIFT -YREV- TRAFFIC ONTO -YREVTCP1- . (TMP-119 THRU 121) AWAY FROM TRAFFIC, CONSTRUCT -YAREV- FROM -YREV- TO -YAREV- STA 22+72+/- AND -YREV- FROM STA 40+85+/- TO 48+48+/- . (TMP-120 AND 121) INSTALL PROPOSED SIGNAL POLES AT INTERSECTION OF -YREV- AND -YAREV- AS MUCH AS POSSIBLE.

4.6: USING POLICE AT SIGNALIZED INTERSECTIONS OF -L- AT -YREV-, -YREV- AT -YB-, -L- AT -YB-, AND -L- AT -Y3- AND FLAGGERS AS NEEDED, COMPLETE ANY REMAINING TEMPORARY PAVEMENT MARKINGS, CLOSE -YREV- (30 MINUTES MAX), SHIFT (-L-) TO PHASE III TEMPORARY PATTERN FROM -L- STA 47+50+/- TO 331+55+/-, CLOSE -YD-, OPEN -YREV-, -YAREV-, AND -YB- TO PHASE III TEMPORARY PATTERN (ACROSS BRIDGE), AND ACTIVATE NEW SIGNALS. (TMP-128 THRU 144, 153 THRU 156)

PHASE II (CONTINUED)

STEP 5: COMPLETE PHASE I STEP 10, 12, 14, 15, AND 16.6, THEN COMPLETE STEPS 5.1 AND 5.2 IN ORDER.

5.1: USING RSD 1101.02 (SHEET 1, 2, AND 3 OF 14) AND POLICE AS NEEDED, INSTALL PHASE II PAVEMENT MARKINGS FROM -L- STA 348+38+/- TO -L- STA 432+28+/-, INCLUDING Y-LINES AND DRIVEWAYS. INSTALL TEMPORARY SIGNALS FOR -L- AT -Y17-, -L- AT -Y19REV-, -L- AT -Y21-, AND PROPOSED SIGNAL FOR -L- AT -Y22-. SHIFT TRAFFIC INTO PHASE II PATTERN AND REMOVE PREVIOUS SIGNALS. (TMP-101 THRU 107)

5.2: USING RSD 1101.02 (SHEET 1, 2, AND 3 OF 14) AS NEEDED, CONSTRUCT THE FOLLOWING:
 - -L- EB FROM -Y17- TO -LREV- STA 376+50+/-, INCLUDING -L- WB FROM STA 362+00+/- TO 366+54+/-, AND BRIDGE AT -LREV- STA 369+50+/- . REMOVE SHORING AS NEEDED. (TMP-102 AND 103)
 - -LREV- EB FROM STA 384+44+/- TO -L- STA 396+50+/-, INCLUDING BRIDGE AT STA 390+00+/- (TMP-103 AND 104)
 - -L- EB FROM STA 396+50+/- TO 419+99+/-, INCLUDING -Y20- AND -Y21- (TMP-104 THRU 106)

PHASE III

(SEE TMP-122 THRU TMP-126 FOR OVERVIEWS)

NOTE: PHASE III STEPS 1 THRU 4 CAN BE DONE IN ANY ORDER AND SIMULTANEOUSLY

STEP 1: COMPLETE PHASE II STEP 4. THEN USING RSD 1101.02 (SHEET 1, 2, AND 3 OF 14) AND POLICE AS NEEDED, COMPLETE PHASE III STEPS 1.1 THRU 1.3 IN ORDER:

1.1: CONSTRUCT THE FOLLOWING:
 - -YREV- FROM STA 16+37+/- TO 20+99+/- (TMP-153 AND 154)
 - -YC- FROM 10+25+/- TO 11+60+/- (TMP-154)
 - -YD- AND -DRW01- (TMP-154) AND REMOVE EXISTING PAVEMENT AND TEMPORARY SHORING AS NEEDED ON -YREV-
 - -YASLIP- FROM STA 11+21+/- TO -YREV- 46+27+/- (TMP-155)
 - COMPLETE SIGNAL INSTALLATION FOR -YREV- AT -YAREV- (COVER SIGNAL)

1.2: PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS SHOWN ON TMP-161 THRU TMP-166, ACTIVATE SIGNAL FOR -YREV- AT -YAREV-, AND OPEN -YAREV-, -RAB- AND -YG- TO FINAL TRAFFIC PATTERN. SHIFT -YREV- INTO FINAL PATTERN. CLOSE LEFT TURN LANE AND MEDIAN CROSSING FOR -L- AT -YB- AND REMOVE TEMPORARY SIGNAL.

1.3: CONSTRUCT -L- MEDIAN AT -YB-. USING NARROW LANES, CONSTRUCT MEDIAN CONCRETE ISLAND ON -YB- .

STEP 2: COMPLETE PHASE II STEP 5. USING RSD 1101.02 (SHEET 3 AND 7 OF 14), CONSTRUCT -L- MEDIAN AND ISLANDS FROM -Y14D- TO -L- STA 428+39+/- . (TMP-145 THRU TMP-152) USING RSD 1101.02 (SHEET 1, 2 AND 3 OF 14), CONSTRUCT PROPOSED ISLANDS ON ALL -Y- LINES AND DRIVEWAYS.

STEP 3: COMPLETE PHASE II STEP 4, THEN COMPLETE STEPS 3.1 THRU 3.3 IN ANY ORDER:

3.1: USING RSD 1101.02 (SHEET 1, 2, 3 AND 7 OF 14) IF NEEDED, CONSTRUCT THE FOLLOWING MEDIAN AND ISLANDS:
 - -L- FROM STA 51+11+/- TO 81+79+/- (TMP-128 THRU 131)
 - -L- STA 83+04+/- TO 331+55+/- (TMP-131 THRU 144)

3.2: USING NARROW LANES AND DRUMS AS NEEDED TO CHANNELIZE -L- WB TRAFFIC, REMOVE TEMPORARY PAVEMENT AND COMPLETE SHOULDER IMPROVEMENTS FROM:
 - -L- STA 52+60+/- TO 58+50+/- (AS DIRECTED BY THE ENGINEER) (TMP-128 AND 129)

3.3: USING RSD 1101.02 (SHEET 3 OF 14), REMOVE TEMPORARY PAVEMENT AND COMPLETE REMAINING CONSTRUCTION:
 - -L- STA 61+10+/- TO -YE- (LT) (TMP-129)
 - -L- FROM -YE- TO STA 68+50+/- (LT) (TMP-129)
 - -L- FROM STA 66+51+/- TO STA 69+18+/- (TMP-129)
 - -L- EB FROM STA 76+00+/- TO 78+92+/- (TMP-130)
 - -L- FROM -YB- TO STA 87+94+/- (LT), REMOVE SHORING AS NEEDED. (TMP-131)

STEP 4: COMPLETE PHASE II STEP 3, THEN USING RSD 1101.02 (SHEET 3 OF 14), CONSTRUCT MEDIAN AND ISLANDS ON -L- FROM STA 331+55+/- TO -Y14D-, -Y14A-, AND -Y14D-. (TMP-144, 145, 157 THRU 160)

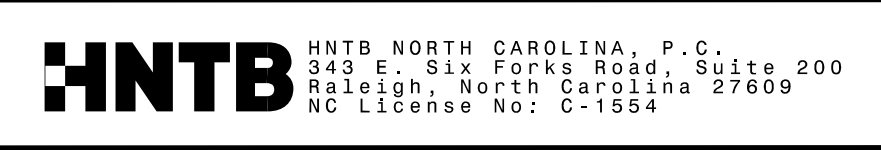
PHASE IV

STEP 1: COMPLETE ALL REMAINING WORK.

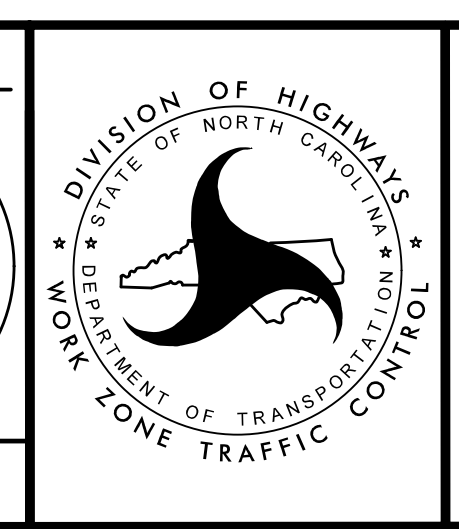
USING RSD 1101.02 (SHEETS 1, 2, 3, 5, AND 6 OF 14) AS NEEDED, PLACE FINAL LAYER OF SURFACE AND FINAL PAVEMENT MARKINGS AND MARKERS.

STEP 2: REMOVE ALL TRAFFIC CONTROL DEVICES.

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APPROVED: *Helen Shyu*
 DATE: 11/10/2021
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TRANSPORTATION
MANAGEMENT PLAN

PHASING