

### PHASING

#### PHASE I, IA, AND IB (CONTINUED)

NOTE: STEPS 7 THRU 12 MAY BEGIN AT THE END OF DELAY OF ENTRY, OR PER DIRECTIONS BY THE ENGINEER, FOR ROADWAYS -L- FROM STA 227+00+/- TO STA 366+00+/-, -Y5-, -Y5A-, -Y5B-, -Y6-, -Y7-, -Y8-, -Y9-, -Y9A-, -Y10-, -Y11-, -Y12-, -Y13-, -Y14-, -Y14A-, -Y14B-, -Y14C-, -Y14D-, -Y14E-, -Y14F-, -Y14G-, -Y15-, -Y16-, AND -Y17-. ONCE BEGUN, STEPS 7 THRU 12 MAYBE DONE SIMULTANEOUSLY WITH STEPS 2 THRU 6 AND MAY BE COMPLETED IN ANY ORDER (UNLESS STATED OTHERWISE).

STEP 7: COMPLETE STEPS 7.1 AND 7.1A IN ORDER:

- 7.1: USING RSD 1101.02 (SHEET 1, 2, 3, 7 OF 14), CONSTRUCT THE FOLLOWING AND REPLACE PAVEMENT MARKING AND MARKERS:
  - WEDGE AND WIDEN -L- (EB) FROM STA 229+00+/- TO 243+00+/-, INCLUDING -Y5A-, -Y5B-, AND -Y6- (TMP-17 AND 18)
  - PROVIDE SMOOTH TRANSITION GRADE FROM -L- STA 243+00+/- TO 244+25+/- (TMP-18)
  - CONSTRUCT -L- (WB) FROM STA 230+22+/- TO 232+95+/-, INCLUDING -Y5- (TMP-17 AND 18)
  - CONSTRUCT -L- (WB) FROM STA 236+41+/- TO 237+15+/-, INCLUDING DRIVEWAY (TMP-18)

- 7.1A: (PHASE IA) COMPLETE PHASE I STEP 7.1. AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 AND 2 OF 14) AS NEEDED, CONSTRUCT -L- WB:
  - FROM STA 277+00+/- TO 230+22+/-,
  - TEMPORARY PAVEMENT FROM -L- STA 229+00+/- TO STA 230+22+/-,
  - STA 233+00+/- TO STA 236+41+/- AND STA 237+15+/- TO STA 244+25+/-, INCLUDING PROPOSED RETAINING WALLS AND PROPOSED GUARDRAILS,
  - TEMPORARY PAVEMENT FROM -L- STA 241+52+/- TO STA 243+28+/- (TMP-51)
 INSTALL PHASE II TEMPORARY PAVEMENT MARKINGS AS MUCH AS POSSIBLE. (SEE TMP-92 AND 93)

STEP 8: REGENCY CROSSING: COMPLETE STEPS 8.1 THRU 8.2A IN ORDER.

- 8.1: USING RSD 1101.02 (SHEET 1, 2, 11 OF 14), PLACE LEVELING COURSE ON -L- WB FROM STA 244+25+/- TO STA 288+50+/-, CONSTRUCT TEMPORARY PAVEMENT ON -L- FROM STA 252+85+/- TO STA 264+96+/-, TEMPORARY DRAINAGE, AND REPLACE PAVEMENT MARKINGS. (TMP-18 THRU TMP-21)
- 8.2: USING RSD 1101.02 (SHEET 1 OF 14), INSTALL PROPOSED 2 @ 30" PIPES AT -L- STA 266+00+/- (TMP-20) INSTALL PIPES ONE AT A TIME IF NEEDED.
- 8.2A: (PHASE IA) USING RSD 1101.02 (SHEETS 1 AND 2 OF 14), PLACE PCB FROM -L- STA 253+10+/- TO 264+71+/-, AWAY FROM TRAFFIC, CONSTRUCT -L- WB FROM STA 244+25+/- TO STA 288+50+/-, 48" RCP (LEFT), INSTALL SHORING #14 AND #15, AND TEMPORARY PAVEMENT FROM -L- STA 252+78+/- TO 254+14+/- (TMP-51 THRU 54). INSTALL PHASE II TEMPORARY PAVEMENT MARKINGS AS MUCH AS POSSIBLE (SEE TMP-93 THRU 96), AND INSTALL TEMPORARY ANCHORED PCB BETWEEN -L- STA 253+03+/- AND 263+75+/- AS SHOWN ON TMP-72 AND 73.

STEP 9: -Y8-, -Y9-, -Y9A-: COMPLETE STEPS 9.1 AND 9.1A IN ORDER.

- 9.1: USING RSD 1101.02 (SHEET 1 AND 2 OF 14), WEDGE -L- FROM STA 290+00+/- TO 307+10+/- INCLUDING -Y8-, -Y9- AND -Y9A-. PROVIDE SMOOTH TRANSITION GRADES FROM STA 288+50+/- TO 290+00+/- AND FROM STA 307+10+/- TO 308+82+/-, REPLACE EXISTING PAVEMENT MARKINGS. (TMP-21 THRU TMP-23)
- 9.1A: (PHASE IA) USING RSD 1101.02 (SHEET 1 AND 2 OF 14) AS NEEDED, CONSTRUCT -L- WB FROM STA 288+50+/- TO -Y9A-, FROM -Y9A- TO 307+10+/-, AND CONSTRUCT TEMPORARY PAVEMENT FROM -L- STA 290+42+/- TO 300+19+/- (INCLUDING TEMPORARY DRIVEWAYS FOR PHASE II) (TMP-54 AND 55). INSTALL PHASE II TEMPORARY PAVEMENT MARKINGS AS MUCH AS POSSIBLE. (SEE TMP-96 AND 97)

STEP 10: -Y11- AND -Y12-: COMPLETE 10.1 THRU 10.3A IN ORDER AS STATED.

- 10.1: AWAY FROM TRAFFIC, INSTALL TEMPORARY PIPE AT -L- STA 316+50+/- (RT). (TMP-23)
- 10.2: USING RSD 1101.02 (SHEET 1, 2, AND 3 OF 14), COMPLETE CONSTRUCTION OF THE FOLLOWING, INCLUDING GUARDRAIL, AND REPLACE EXISTING PAVEMENT MARKINGS:
  - PLACE LEVELING COURSE FROM -L- STA 308+82+/- TO 315+00+/- (TMP-23)
  - WEDGE AND WIDEN -L- FROM STA 317+95+/- TO 321+00+/-, INCLUDING -L- FROM -Y12- TO STA 321+00+/-, -Y12- (AND TEMPORARY PAVEMENT FROM -Y12- STA 12+37+/- TO -L- STA 317+95+/- TO INSTALL PROPOSED DRAINAGE), PROPOSED GUARDRAIL, AND SMOOTH TRANSITION GRADE FROM -L- STA 315+00+/- TO 317+95+/- (INCLUDING MINIMUM FILL NEEDED FOR 54" PIPE CROSSING -Y11-, FROM -L- TO -Y11- STA 12+17+/-) (TMP-23)
  - CONSTRUCT TEMPORARY PAVEMENT AT EXISTING ELEVATION FROM -L- STA 310+47+/- TO -Y11- STA 12+75+/- (RT), AND -Y11- FROM -L- TO STA 13+10+/- (LT) (TMP-23)

#### PHASE I, IA, AND IB (CONTINUED)

- 10.3: USING RSD 1101.02 (SHEET 1, 2 AND 3 OF 14), COMPLETE CONSTRUCTION OF THE FOLLOWING:
  - WIDEN -L- FROM STA 321+00+/- TO STA 324+32+/- (RT), INCLUDING -Y14- (TMP-23 AND 24)
  - WIDEN -L- FROM STA 321+00+/- TO STA 330+18+/- (LT) (AVOID AFFECTING EXISTING SIGNAL UNTIL READY TO CLOSE -Y14A- IN PHASE II), INCLUDING -Y13- (TMP-23 AND 24)
  - CONSTRUCT -Y14B- FROM -Y14B- STA 10+51+/- TO 11+84+/- AND TIE IN TEMPORARILY TO EXISTING -L- (TMP-24)

- 10.3A: (PHASE IA) USING RSD 1101.02 (SHEET 1 AND 2 OF 14) AS NEEDED, PLACE TEMPORARY PAVEMENT MARKINGS ON -L- FROM STA 310+65+/- TO -L- STA 327+76+/- AND SHIFT -L- TO PHASE 1A TRAFFIC PATTERN SHOWN ON TMP-56 AND TMP-57. USING RSD 1101.02 (SHEET 1 AND 2 OF 14), INSTALL ANCHORED PCB FROM -L- STA 314+90+/- TO STA 317+90+/-, AWAY FROM TRAFFIC, INSTALL SHORING #16, REMOVE EXISTING RCBC (AS MUCH AS POSSIBLE), CONSTRUCT PROPOSED RCBC (LEFT), SHORING #17, AND CONSTRUCT -L- WB FROM STA 307+10+/- TO -Y12-, PROPOSED GUARDRAIL, INCLUDING TEMPORARY PAVEMENT FROM -L- STA 315+02+/- TO STA 318+00+/-, INSTALL PHASE II TEMPORARY PAVEMENT MARKINGS AS MUCH AS POSSIBLE. INSTALL TEMPORARY ANCHORED PCB FROM -L- STA 315+25+/- TO 317+69+/- (TMP-98)

STEP 11: -Y15- TO -Y17-: COMPLETE STEPS 11.1 AND 11.2 IN ORDER.

- 11.1: USING RSD 1101.02 (SHEET 1, 2 AND 3 OF 14), COMPLETE CONSTRUCTION OF THE FOLLOWING AND REPLACE EXISTING PAVEMENT MARKINGS:
  - WIDEN -L- FROM STA 343+50+/- TO 351+50+/- (LT) (TMP-25 AND 26)
  - REMOVE ISLANDS FROM -L- STA 344+88+/- TO 350+30+/- AND REPAIR PAVEMENT (TMP-25 AND 26)
  - WIDEN -L- FROM STA 349+25+/- TO 351+50+/- (RT) (TMP-26)
  - WEDGE AND WIDEN -L- FROM STA 351+50+/- TO 362+00+/-, INCLUDING -Y15-, -Y16-, AND -Y17-. INSTALL TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-27. INSTALL AND ACTIVATE TEMPORARY SIGNAL AT -Y17-, AND REMOVE EXISTING SIGNAL. (TMP-26 AND 27)

- 11.2: AWAY FROM TRAFFIC, COMPLETE -Y17-.

STEP 12: -Y14D- (OLD LONG BEACH ROAD): USING RSD 1101.02 (SHEET 1, 2, 3 AND 7 OF 14) AS NEEDED, COMPLETE STEP 12.1 THRU 12.5 IN ORDER AS STATED.

NOTE: STEPS 12.1 THRU 12.3 MAY BE DONE SIMULTANEOUSLY.

- 12.1: COMPLETE THE FOLLOWING:
  - CONSTRUCT -Y14G- EXTENSION FROM 12+18+/- TO STA 13+52+/- AND TIE TO EXISTING. (TMP-25)
  - WEDGE AND WIDEN -Y14D- FROM STA 16+58+/- TO 20+00+/- (LT). PROVIDE SMOOTH TEMPORARY GRADE ON -Y14D- FROM STA 15+53+/- TO 16+58+/- (TMP-36)
- 12.2: CONSTRUCT -Y14D- EXTENSION FROM STA 20+00+/- TO -Y14A-. (TMP-36) INSTALL PHASE II TEMPORARY PAVEMENT MARKINGS ON -Y14D- AS MUCH AS POSSIBLE. (SEE TMP-100)
- 12.3: WEDGE AND WIDEN -Y14A- FROM STA 49+34+/- TO -Y14D- (RT), FROM -Y14D- TO STA 66+50+/-, AND PROVIDE SMOOTH TRANSITION GRADE FROM -Y14A- STA 48+67+/- TO 49+34+/- (TMP-35 THRU 37) INSTALL AND COVER TEMPORARY SIGNAL AT -Y14A- AND -Y14D-.
- 12.4: COMPLETE STEPS 12.1 AND 12.2. INSTALL AND COVER TEMPORARY SIGNAL AT INTERSECTION OF -Y14D- AND -L- AND COMPLETE THE FOLLOWING IN ORDER:
  - USE DRUMS TO CLOSE RIGHT TURN LANE ON -L- WB AS SHOWN ON TMP-39.
  - WEDGE AND WIDEN -L- FROM STA 332+53+/- TO 343+50+/-, REMOVE EXISTING MEDIAN CURB FROM -L- STA 340+19+/- TO 344+82+/- AND REPAIR PAVEMENT. (TMP-38 AND 39)
  - WEDGE AND WIDEN -Y14D- FROM -L- TO 18+88+/- (RT), INCLUDING -Y14G- FROM -L- TO STA 12+18+/-, PROVIDE SMOOTH TRANSITION GRADE ON -Y14D- FROM STA 12+79+/- TO STA 13+32+/- (TMP-39 AND 41)

- 12.4A: (PHASE IA) COMPLETE STEP 11 AND STEP 12.4. USING RSD 1101.02 (SHEET 3 OF 14) AND POLICE AS NEEDED, INSTALL TEMPORARY SIGNALS AT THE INTERSECTIONS OF -L- AT -Y14D- AND -L- AT -Y17-. USING RSD 1101.02 (SHEET 3 AND 8 OF 14) AND POLICE AS NEEDED, INSTALL TEMPORARY PAVEMENT MARKINGS ON -L- BETWEEN -Y14A- AND -Y17- AS SHOWN ON TMP-57 THRU 60, AND ON -Y14D- AS SHOWN ON TMP-67, INCLUDING -Y14G-. SHIFT TRAFFIC INTO PHASE 1A TRAFFIC PATTERN.

- (PHASE IA) USING RSD 1101.02 (SHEET 1, 2, AND 3 OF 14), WIDEN -L- FROM STA 334+04+/- TO -Y14D- AND -Y14D- FROM -L- TO -Y14D- STA 15+24+/- (TMP-57, 58, AND 67)

- 12.5: COMPLETE STEP 12.3. INSTALL TEMPORARY PAVEMENT MARKINGS ON -Y14A- AS SHOWN ON TMP-40 THRU 42, ACTIVATE TEMPORARY SIGNAL AT -Y14A- AND -Y14D-, AND SHIFT TRAFFIC TO TEMPORARY PATTERN.

#### PHASE I, IA, AND IB (CONTINUED)

STEP 13: (PHASE IB) COMPLETE STEPS 13.1 THRU 13.6 IN ORDER.

- 13.1: COMPLETE STEPS 3, STEPS 4.1 THRU 4.8A, 4.10, AND 4.11, STEPS 5 THRU 11, AND STEP 12.4. INSTALL AND COVER TEMPORARY REGENCY CROSSING DETOUR SIGNS AS SHOWN ON TMP-2C.

INSTALL CMS BOARDS 2 WEEKS IN ADVANCE NOTIFYING THE PUBLIC OF UPCOMING DRIVEWAY CLOSURE OF -YE-, -YF-, AND -Y7-. (SEE TMP-72 AND 73)

COMPLETE THE REQUIREMENTS OF PHASE I STEP 13.2 THRU 13.6 IN THIRTY (30) CONSECUTIVE CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

- 13.2: USING RSD 1101.02 (SHEET 1 OF 14), CLOSE -YE- AND -YF- AS SEEN ON TMP-70 AND TMP-71 AND USE DRUMS TO CLOSE RIGHT TURN LANES AT -YE- AND -YF- ON -L-. USING RSD 1101.02 (SHEET 1 OF 14) AS NEEDED, INSTALL TEMPORARY PAVEMENT MARKING EDGE LINE FROM -L- STA 65+17+/- TO STA 74+98+/- AND EXTEND TEMPORARY PCB FROM -L- STA 65+00+/- TO STA 66+75+/- (TMP-70 AND 71)

- 13.3: AWAY FROM TRAFFIC, REMOVE SHOP CURVED TEMPORARY GUARDRAIL #X AND #Y, CONSTRUCT -YE-, TEMPORARY PAVEMENT FROM -L- STA 65+18+/- TO STA 65+67+/-, TEMPORARY PAVEMENT FROM -L- STA 66+33+/- TO STA 66+75+/- (LT), TEMPORARY PAVEMENT FROM -L- STA 66+50+/- TO STA 66+75+/-, AND -L- WBL FROM STA 65+18+/- TO STA 66+75+/- (REMOVE PORTION OF SHORING #4 AS NEEDED). (TMP-70)

AWAY FROM TRAFFIC, INSTALL PHASE II TEMPORARY PAVEMENT MARKINGS AS MUCH AS POSSIBLE. THEN INSTALL TEMPORARY GUARDRAIL FROM -L- STA 59+94+/- TO -L- STA 64+05+/-, TEMPORARY GUARDRAIL ANCHOR UNIT, AND TEMPORARY PCB FROM -L- STA 64+05+/- TO STA 69+06+/- ALONG MEDIAN. INSTALL TEMPORARY ANCHORED PCB FROM -L- STA 62+95+/- TO STA 64+97+/- (LT), TEMPORARY GUARDRAIL ANCHOR UNIT, AND SHOP CURVED GUARDRAIL #Z. (SEE TMP-87)

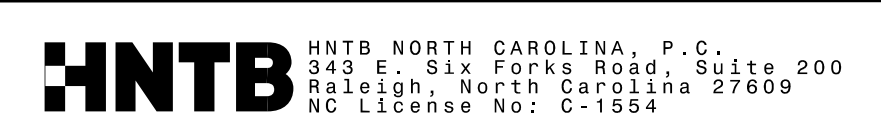
AWAY FROM TRAFFIC, CONSTRUCT -YF-, -L- WBL FROM STA 70+00+/- TO STA 75+00+/- (LT) (TMP-71). INSTALL PHASE II TEMPORARY PAVEMENT MARKINGS AS MUCH AS POSSIBLE. (SEE TMP-88)

- 13.4: INSTALL TEMPORARY PCB -L- STA 80+63+/- TO STA 82+86+/- (AS MUCH AS POSSIBLE AND USE TMA AT UNPROTECTED END), TEMPORARY GUARDRAIL ANCHOR UNIT, AND TEMPORARY GUARDRAIL FROM -L- STA 82+86+/- TO STA 85+50+/- (TMP-71, 88, AND 89)

- 13.5: INSTALL CMS BOARDS ALERTING THE PUBLIC OF NEW TRAFFIC PATTERN BETWEEN MIDWAY ROAD INTERCHANGE AND LONG BEACH ROAD INTERCHANGE. USING RSD 1101.02 (SHEET 1, 2, AND 3 OF 14), COMPLETE TEMPORARY PAVEMENT MARKINGS AND MARKERS FROM -L- STA 47+50+/- TO 329+40+/- (TIE -L- EB TO EXISTING -Y14A- SIGNAL APPROACH), ACTIVATE TEMP SIGNALS FOR -L- AT -YREV-, -YREV- AT -YC-, AND -L- AT -Y3-. (TMP-72, 73, 86 THRU 93, AND 96 THRU 99) REMOVE TEMPORARY SIGNALS PLACED IN PHASE IA. UNCOVER PROPOSED SIGNS 104 AND 105. UNCOVER REGENCY CROSSING DETOUR SIGNS SHOWN ON TMP-2C AND DETOUR REGENCY CROSSING TRAFFIC. USING POLICE AT INTERSECTIONS, IN A CONTINUOUS MANNER SHIFT WESTBOUND TRAFFIC TO PHASE II TRAFFIC PATTERN (INCLUDING OPENING OF -YB-, -YE-, AND -YF- TO TRAFFIC), COMPLETE TEMPORARY PCB FROM -L- STA 80+63+/- TO STA 82+66+/- AND SHIFT EASTBOUND TRAFFIC TO PHASE II TRAFFIC PATTERN.

- 13.6: AWAY FROM TRAFFIC, CONSTRUCT -L- EB FROM STA 253+64+/- TO 262+79+/- (INCLUDING -Y7-) AND REMOVE SHORING #15. INSTALL PHASE II TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-94 AND 95 AS MUCH AS POSSIBLE. USING RSD 1101.02 (SHEET 1 AND 2 OF 14), REMOVE TEMPORARY PCB FROM -L- STA 253+03+/- TO 263+75+/-, COMPLETE PHASE II PAVEMENT MARKINGS, REMOVE DETOUR SIGNS, AND OPEN -Y7- TO TRAFFIC. (TMP-72 AND 73)

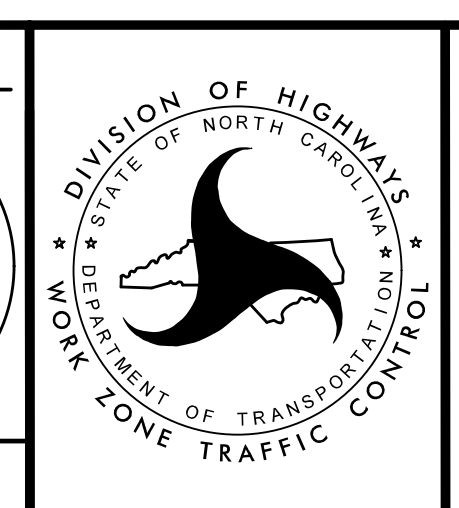
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APPROVED: *Helen Shyu*  
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TRANSPORTATION MANAGEMENT PLAN

PHASING

DIVISION OF HIGHWAYS  
DEPARTMENT OF TRANSPORTATION  
WORK ZONE TRAFFIC CONTROL