

MANAGEMENT STRATEGIES

CONTRACTOR SHALL HAVE AVAILABLE (2) CHANGEABLE MESSAGE BOARDS (CMS) TO BE UTILIZED FOR PUBLIC INFORMATION 2 WEEKS PRIOR TO THE CLOSURE OF NC 33, AS DIRECTED BY THE ENGINEER.

PHASE I

- BEGIN CONSTRUCTION AWAY FROM TRAFFIC, INCLUDING PROPOSED DRAINAGE.
- CONSTRUCT -DR2- AND TIE-INS AND SHIFT TRAFFIC TO PROPOSED -DR2-.
- UNDER AN ICT, CLOSE -L- (NC 33), CONSTRUCT PROPOSED 72" PIPE, AND RE-OPEN TO TRAFFIC.
- AWAY FROM TRAFFIC, USING LANE CLOSURES AND ROAD CLOSURES AS NEEDED:
 - COMPLETE CONSTRUCTION OF PROPOSED ROADWAY, BRIDGE AND APPROACHES.
 - SAW CUT AREA OF CONCRETE REMOVAL.
 - UNDER AN ICT, CLOSE -L- (NC 33), REMOVE AND REPLACE CONCRETE SECTION.
 - CONSTRUCT PROPOSED ROADWAY TIE-INS.
- PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT TRAFFIC TO THE PHASE II PATTERN. (TMA WILL BE REQUIRED UNTIL GUARDRAIL REMOVAL CAN BE COMPLETED).

PHASE II

- BEGIN REMOVAL OF EXISTING BRIDGE AND ROADWAY.
- USING LANE CLOSURES, WEDGE REMAINDER OF PROJECT, PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS.
- USING LANE CLOSURES AND FLAGGERS, AS NEEDED, CONSTRUCT PROPOSED MONOLITHIC ISLAND AT -Y1-.
- COMPLETE REMOVAL OF EXISTING BRIDGE AND ROADWAY AND COMPLETE REMAINDER OF CONSTRUCTION.
- USING LANE CLOSURES, PLACE FINAL LAYER OF SURFACE COURSE AND PLACE FINAL PAVEMENT MARKINGS ACCORDING TO THE PAVEMENT MARKING PLAN.
- REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

PHASING

NOTE: THE CONTRACTOR SHALL HAVE AVAILABLE (2) CHANGEABLE MESSAGE BOARDS (CMS) TO BE UTILIZED FOR PUBLIC INFORMATION 2 WEEKS PRIOR TO THE CLOSURE OF NC 33, AS DIRECTED BY THE ENGINEER.

PHASE I

(SEE SHEETS TMP-4 THRU TMP-6)

- STEP 1: - USING RSD 1101.01 SHEET 3 OF 3, INSTALL ADVANCE WARNING SIGNS.
- STEP 2: - AWAY FROM TRAFFIC AND USING RSD 1101.02, SHEET 1 OF 14, AS NEEDED PERFORM THE FOLLOWING:
 - BEGIN CONSTRUCTION OF PROPOSED ROADWAY, BRIDGE AND APPROACHES FROM -L- STA 15+25+/- TO STA 35+00+/-, INCLUDING PROPOSED DRAINAGE.
 - CONSTRUCT -DR2- AND TIE-INS, UP TO THE EDGE AND ELEVATION OF EXISTING AND SHIFT TRAFFIC TO PROPOSED -DR2-.

THE CONTRACTOR SHALL PERFORM PHASE I, STEP 3 IN 3 CONSECUTIVE DAYS. (SEE INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES).

- STEP 3: - USING RSD 1101.03 SHEET 1 OF 9 AND OFF-SITE DETOUR AS SHOWN ON SHEETS TMP-10 & TMP-11, CLOSE -L- (NC 33) TO TRAFFIC.
 - CONSTRUCT PROPOSED 72" PIPE, PLACE TEMPORARY PAVEMENT MARKINGS IN THE EXISTING PATTERN AND OPEN TO TRAFFIC.
- STEP 4: - AWAY FROM TRAFFIC AND USING RSD 1101.02, SHEET 1 OF 14 AND OFF-SITE DETOUR, AS NEEDED, PERFORM STEPS 4A THRU 4D.
 - STEP 4A: - COMPLETE CONSTRUCTION OF PROPOSED ROADWAY, BRIDGE AND APPROACHES FROM -L- STA 15+25+/- TO STA 35+00+/-, UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

NOTE: TMA WILL BE REQUIRED UNTIL GUARDRAIL REMOVAL CAN BE COMPLETED.

- STEP 4B: - SAW CUT AREA OF CONCRETE PAVEMENT REMOVAL -L- STA 13+60+/-

THE CONTRACTOR SHALL PERFORM PHASE I, STEP 4C IN 1 NIGHT, BETWEEN THE HOURS OF 8:00 PM AND 6:00 AM. (SEE INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES).

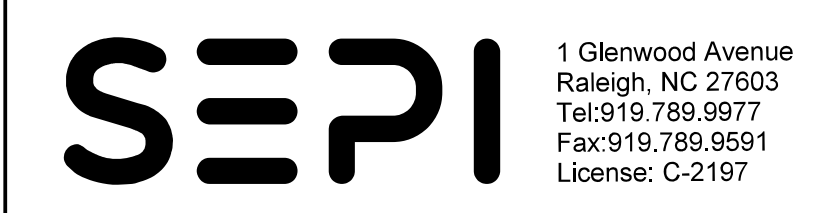
- STEP 4C: - USING RSD 1101.03, SHEET 1 OF 9 AND OFF-SITE DETOUR AS SHOWN ON SHEETS TMP-12 & TMP-13. CLOSE -L- (NC 33) TO TRAFFIC.
 - REMOVAL AND REPLACE CONCRETE SECTION.
- STEP 4D: - CONSTRUCT PROPOSED ROADWAY TIE-INS FROM -L- STA 14+50+/- TO STA 15+25+/- AND FROM STA 35+00+/- TO STA 39+00+/- UP TO THE EDGE AND ELEVATION OF EXISTING.
- STEP 5: - PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AND SHIFT TRAFFIC TO THE PHASE II PATTERN. (SEE SHEETS TMP-7 THRU TMP-9).

PHASE II

(SEE SHEETS TMP-7 THRU TMP-9)

- STEP 1: - BEGIN REMOVAL OF EXISTING BRIDGE AND ROADWAY.
 - USING RSD 1101.02 SHEET 1 OF 14 AND 1101.04 SHEET 1 OF 1, WEDGE REMAINDER OF PROJECT, UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS.
- STEP 2: - USING LANE CLOSURES AND FLAGGERS, AS NEEDED, CONSTRUCT PROPOSED MONOLITHIC ISLAND AT -Y1-.
- COMPLETE REMOVAL OF EXISTING BRIDGE AND ROADWAY AND COMPLETE REMAINDER OF CONSTRUCTION.
- STEP 3: - USING RSD 1101.02 SHEET 1 OF 14, PLACE FINAL LAYER OF SURFACE COURSE AND PLACE FINAL PAVEMENT MARKINGS ACCORDING TO THE PAVEMENT MARKING PLAN.
- STEP 4: - REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

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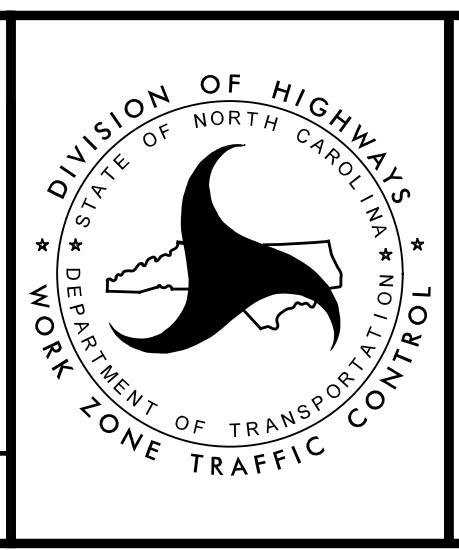


APPROVED: *Steve Miller*
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MANAGEMENT STRATEGIES
AND TEMPORARY
TRAFFIC CONTROL
PHASING