

TEMPORARY TRAFFIC CONTROL PHASING

BEFORE CONSTRUCTION BEGINS:
 - INSTALL ADVANCE WARNING SIGNS IN ACCORDANCE WITH RSD 1101.01.
 - IN ORDER TO ADEQUATELY REROUTE SCHOOL BUSES, ROCKINGHAM COUNTY SCHOOLS TRANSPORTATION WILL BE CONTACTED AT 336-634-3275 AT LEAST 3 MONTHS PRIOR TO CONSTRUCTION. ROCKINGHAM COUNTY'S EMERGENCY SERVICES DIRECTOR SHOULD BE CONTACTED AT 336-634-3000 AT LEAST 3 MONTHS PRIOR TO CONSTRUCTION TO MAKE NECESSARY TEMPORARY REASSIGNMENTS TO PRIMARY RESPONSE UNITS.
 - MAINTENANCE WILL INVESTIGATE WHETHER THE RUT AT THE TOP OF THE MARTINSVILLE LOOP/US 220 BUS MEDIAN CROSSOVER REQUIRES REPAIR AND WILL IMPLEMENT CORRECTIVE ACTION PRIOR TO THE DETOUR BEING PUT IN PLACE.

PHASE I

- STEP 1 - INSTALL SIGNS AND DEVICES & COVER INDICATED SIGNS TO CLOSE AND DETOUR SMITH ROAD TRAFFIC OFFSITE PER RSD 1101.03, SHEET 2, TMP-4 & TMP-7. USE DRUMS & SKINNY DRUMS TO MAINTAIN AT LEAST 12' LANES WHERE THE RAMPS MEET SMITH ROAD IN THE CONFIGURATION SHOWN ON TMP-7.
- STEP 2 - USING RSD 1101.02, SHEET 4 AS NEEDED, DEMO THE EXISTING BRIDGE SUPERSTRUCTURE. FOR OPERATIONS THAT POSE A HAZARD TO US 220 TRAFFIC, USE RSD 1101.03, SHEET 7 TO CLOSE THE AFFECTED DIRECTION OF US 220 AND DETOUR TRAFFIC VIA THE RAMPS.
- STEP 3 - USING RSD 1101.02, SHEET 4 AS NEEDED, DEMO THE EXISTING BRIDGE END BENTS (END BENTS #1 & #2 IN THE EXISTING STRUCTURE PLANS) AND EXISTING SLOPE PROTECTION. DEMO THE OUTSIDE BENTS(BENTS #1 & #3 IN THE EXISTING STRUCTURE PLANS). MAINTAIN EXISTING GUARDRAIL AND JERSEY BARRIER PROTECTING THE OUTSIDE BENTS.
- STEP 4 - AWAY FROM TRAFFIC, BEGIN CONSTRUCTION ON THE PROPOSED BRIDGE END BENTS #1 & #2, PROPOSED SLOPE PROTECTION, AND THE SMITH ROAD BRIDGE APPROACHES, BETWEEN -L- 14+25 AND -L- 19+50. THE EXISTING GUARDRAIL AND JERSEY BARRIER PROTECTING THE OUTSIDE BENTS MAINTAINED IN STEP 3 CAN BE REMOVED AFTER COMPLETION OF THE FINAL ROADWAY CONFIGURATION UNDER THE BRIDGE.
- STEP 5 - USING RSD 1101.02, SHEET 4 & TMP-7, INSTALL PORTABLE CONCRETE BARRIER ON US 220. REMOVE EXISTING GUARDRAIL AND INSTALL TEMPORARY CAT-1 AND GREU-TL3 GUARDRAIL ANCHORS (SEE ROADWAY QUANTITIES).
- STEP 6 - BEHIND BARRIER, INSTALL TEMPORARY SHORING (PER TMP-7) AND REMOVE THE EXISTING BRIDGE MIDDLE BENT FOOTING (CORRESPONDING TO BENT #2 IN THE EXISTING STRUCTURE PLANS), RETAINING ANY EXCAVATED HYDRAULICS ITEMS, THEN CONSTRUCT THE PROPOSED BRIDGE BENT #1 AND REMOVE TEMPORARY SHORING.

- COMPLETE CONSTRUCTION OF PROPOSED BRIDGE END BENTS #1 & #2 AND PROPOSED SLOPE PROTECTION.
- STEP 7 - USE RSD 1101.03, SHEET 7 TO CLOSE THE AFFECTED DIRECTION OF US 220 AND DETOUR TRAFFIC VIA THE RAMPS, AND THEN INSTALL PROPOSED BRIDGE GIRDERS AWAY FROM TRAFFIC. USING RSD 1101.02, SHEET 4 AS NEEDED, COMPLETE PROPOSED BRIDGE SUPERSTRUCTURE WORK.
- STEP 8 - USING LANE CLOSURES, AS NECESSARY, RETURN MEDIAN GUARDRAIL TO ITS ORIGINAL CONFIGURATION AND REMOVE THE MEDIAN PORTABLE CONCRETE BARRIER IN EACH DIRECTION OF US 220. AT NO TIME DURING THE AFOREMENTIONED WORK SHALL THE MEDIAN BRIDGE PIERS BE EXPOSED TO TRAFFIC UNLESS A LANE CLOSURE IS IN PLACE WITH TRAFFIC PLACED IN THE TRAVEL LANE FURTHEST FROM THE WORK.


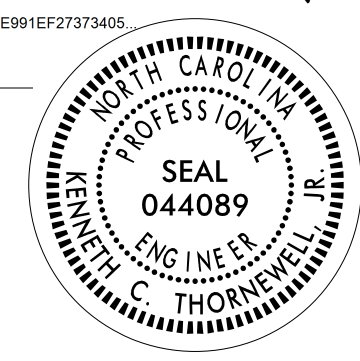

PHASE II

NOTE: PHASE II, STEP 1 MAY BE COMPLETED AT ANY POINT IN THIS PHASE PRIOR TO PHASE II, STEP 7, AT WHICH POINT IT MUST BE COMPLETE.

- STEP 1 - COMPLETE CONSTRUCTION OF THE BRIDGE AND APPROACHES, BETWEEN -L- 14+25 AND -L- 19+50, INCLUDING FINAL SURFACE COURSE AND PAVEMENT MARKINGS. SMITH ROAD WILL REMAIN CLOSED AT THE COMPLETION OF THIS STEP.

COMPLETE THE WORK OF PHASE II, STEPS 2 THRU 4 IN A CONTINUOUS MANNER BEGINNING FRIDAY AT 5:00 AM TO THE FOLLOWING MONDAY AT 5:00 AM. (SEE INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES)
- STEP 2 - WITH SMITH ROAD STILL CLOSED, COVER/UNCOVER SIGNS AND INSTALL DEVICES FOR THE SMITH ROAD & RAMP C OFFSITE DETOUR (PER TMP-5 & RSD 1101.02, SHEET 12) TO CLOSE AND DETOUR RAMP C TRAFFIC OFFSITE.
- STEP 3 - USING FLAGGERS AND DEVICES TO MAINTAIN AT LEAST A 10' LANE FOR THE OPEN PORTION OF SMITH ROAD AND RAMP D TRAFFIC, COMPLETE CONSTRUCTION OF -RPC-, -RPD- AND -L- 19+50 TO -L- 21+50, INCLUDING PROPOSED GUARDRAIL, FINAL SURFACE COURSE AND PAVEMENT MARKINGS. REFER TO RSD 1101.02, SHEET 1.
- STEP 4 - COVER/UNCOVER SIGNS AND INSTALL DEVICES AS SHOWN ON TMP-4 TO OPEN RAMP C & D TO TRAFFIC AND KEEP SMITH ROAD CLOSED. USE DRUMS & SKINNY DRUMS TO MAINTAIN AT LEAST 12' LANES WHERE RAMP C & RAMP D MEET SMITH ROAD IN A CONFIGURATION LIKE THAT SHOWN ON TMP-7.

COMPLETE THE WORK OF PHASE II, STEPS 5 THRU 7 IN A CONTINUOUS MANNER BEGINNING FRIDAY AT 5:00 AM TO THE FOLLOWING TUESDAY AT 5:00 AM. (SEE INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES)
- STEP 5 - WITH SMITH ROAD STILL CLOSED, COVER/UNCOVER SIGNS AND INSTALL DEVICES FOR THE SMITH ROAD, RAMP A & RAMP B OFFSITE DETOUR (PER TMP-6, RSD 1101.02, SHEET 12 & RSD 1101.03, SHEET 1) TO CLOSE AND DETOUR RAMP A & RAMP B TRAFFIC OFFSITE.
- STEP 6 - AWAY FROM TRAFFIC, COMPLETE CONSTRUCTION OF -RPA-, -RPB- AND -L- 12+25 TO -L- 14+25, INCLUDING PROPOSED GUARDRAIL, FINAL SURFACE COURSE AND PAVEMENT MARKINGS.
- STEP 7 - REMOVE DEVICES AND COVER/REMOVE ALL OFFSITE DETOUR SIGNS (INCLUDING W4-4aP SIGNS MOUNTED BELOW YIELD SIGNS AT SMITH ROAD RAMP B & RAMP D) TO OPEN SMITH ROAD, RAMP A & RAMP B TO TRAFFIC. AT THE COMPLETION OF THIS STEP, ALL ROADS WILL BE OPEN TO TRAFFIC IN THE FINAL PATTERN.
- STEP 8 - REMOVE ALL TEMPORARY TRAFFIC CONTROL SIGNS AND DEVICES.

APPROVED:  DATE: 01/04/2024			<h3 style="margin: 0;">TEMPORARY TRAFFIC CONTROL PHASING</h3>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			