

GENERAL NOTES

- P) PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION UNLESS THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER IS OFFSET FROM ONCOMING TRAFFIC AS FOLLOWS OR AS SHOWN IN THE PLANS: (SEE ALSO 1101.05)

POSTED SPEED LIMIT	MINIMUM OFFSET
40 OR LESS	15 FT
45 - 50	20 FT
55	25 FT
60 MPH or HIGHER	30 FT

TRAFFIC CONTROL DEVICES

- Q) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MARKERS

- R) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
US 220	PAINT	RAISED TEMPORARY

- S) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
T) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

MANAGEMENT STRATEGIES

THE FOLLOWING LISTED WORK ZONE STRATEGIES ARE RECOMMENDED FOR INCLUSION IN THIS TRANSPORTATION MANAGEMENT PLAN.

- OFF-SITE DETOURS/ USE OF ALTERNATIVE ROUTES
- ROAD CLOSURES/ RAMP CLOSURES
- LANE SHIFTS/ LANE CLOSURES
- WORK HOUR RESTRICTIONS FOR PEAK TRAVEL
- NIGHT WORK

PHASING

BEFORE BEGINNING ANY CONSTRUCTION ACTIVITIES THE CONTRACTOR SHALL INSTALL ALL ADVANCED WARNING SIGNS IN ACCORDANCE WITH RSD 1101.01. FIELD VERIFY LOCATIONS WITH RESIDENT ENGINEER PRIOR TO INSTALLATION.

THE CONTRACTOR SHALL MAINTAIN ACCESS TO ALL EXISTING DRIVEWAYS DURING CONSTRUCTION UNLESS OTHERWISE DIRECTED BY THE ENGINEER OR AS DIRECTED IN THE PHASING NOTES.

PHASE I

STEP 1:

INSTALL DETOUR SIGNAGE AND REMOVE EXISTING TRUCK PLAQUES AS SHOWN ON TMP-2B AND CLOSE NC 770 TO TRAFFIC.

PHASING

STEP 2:

USING RSD 1101.03, SHEET 7 OF 9, CLOSE US 220 TO TRAFFIC AND DETOUR VIA RAMPS. DEMO EXISTING BRIDGE SUPERSTRUCTURE.

USING LANE CLOSURES AS NEEDED, REMOVE EXISTING BRIDGE SHOULDER PIERS. MAINTAIN EXISTING GUARDRAIL AND JERSEY BARRIER.

AWAY FROM TRAFFIC AND WORKING BEHIND GUARDRAIL, REMOVE EXISTING SLOPE PROTECTION.

PHASE II

STEP 1:

USING TMP-3, SHIFT TRAFFIC ON US 220 FOR BOTH DIRECTIONS 2 FT AWAY FROM MEDIAN EDGELINE BY NARROWING EXISTING LANE WIDTHS TO 11 FT USING TEMPORARY PAVEMENT MARKINGS. INSTALL PCB WITH 25 FT GAPS IN GUARDRAIL UPSTREAM AND DOWNSTREAM OF BARRIER FOR CONSTRUCTION ACCESS. INSTALL TEMPORARY GREU TL-3 AND CAT-1 END TREATMENTS WHERE GUARDRAIL IS REMOVED.

AWAY FROM TRAFFIC AND BEHIND BARRIER REMOVE EXISTING MEDIAN PIER.

STEP 2:

AWAY FROM TRAFFIC AND BEHIND BARRIER, CONSTRUCT PROPOSED MEDIAN PIER.

STEP 3:

UPON COMPLETION OF PROPOSED MEDIAN PIER, RESET GUARDRAIL, REMOVE BARRIER, ADJUST PAVEMENT MARKINGS, AND SHIFT TRAFFIC BACK TO THE EXISTING PATTERN.

STEP 4:

BEHIND EXISTING GUARDRAIL AND AWAY FROM TRAFFIC, CONSTRUCT END BENTS AND CONCRETE SLOPE PROTECTION. UPON COMPLETION, REMOVE EXISTING SHOULDER GUARDRAIL AND JERSEY BARRIER. SEE ROADWAY PLANS.

STEP 5:

USING RSD 1101.03, SHEET 7 OF 9, CLOSE US 220 TO TRAFFIC AND DETOUR VIA RAMPS. INSTALL PROPOSED BRIDGE GIRDERS.

USING LANE CLOSURES AS NEEDED ALONG US 220, COMPLETE PROPOSED SUPERSTRUCTURE WORK.

PHASE III

COMPLETE THE STEPS REQUIRED IN PHASE III, STEP 1, BEGINNING ON FRIDAY AT 7:00 P.M AND COMPLETING BY MONDAY AT 5:00 A.M. THIS ICT MAY BE UTILIZED TWO (2) TIMES, ONCE FOR EACH PAIR OF RAMPS. SEE INTERMEDIATE CONTRACT TIMES AND LIQUIDATED DAMAGES.

STEP 1:

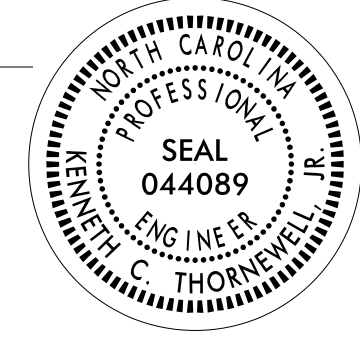

USING TMP-2C AND TMP-2D, INSTALL RELEVANT DETOUR SIGNAGE AND CLOSE US 220 ON/OFF RAMPS, ONE PAIR AT A TIME, TO CONSTRUCT PROPOSED RAMPS.

STEP 2:

INSTALL FINAL PAVEMENT SURFACE LAYER AND PAVEMENT MARKINGS/MARKERS ON US 220 AND NC 770.

STEP 3:

REMOVE ALL TRAFFIC CONTROL DEVICES AND OPEN TRAFFIC TO FINAL PATTERN.

<p>APPROVED: <i>Kenneth C. Thornwell Jr., P.E.</i> <small>1E991EP27373405</small></p> <p>DATE: 10/27/2022</p> <p style="text-align: center;">SEAL</p> <p style="text-align: center;">  </p>	<p style="text-align: center;">  </p>	<h1 style="margin: 0;">TRANSPORTATION OPERATIONS PLAN</h1>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		