

TRAFFIC CONTROL DEVICES

- W. WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.
- X. PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- Y. PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES DRUMS PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKING AND MARKERS

- Z. TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- AA. REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

MISCELLANEOUS

- BB. LAW ENFORCEMENT SHALL BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- CC. IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) AND RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

**PHASING**

- STEP 1 - INSTALL CMS 2 BOARDS 14 DAYS PRIOR TO ROAD CLOSURE USING TMP-2.
- STEP 2 - INSTALL WORK ZONE ADVANCE WARNING SIGNS ACCORDING TO RSD 1101.01.
- STEP 3 - INSTALL AND COVER ALL OFF-SITE DETOUR SIGNS AS SHOWN ON TMP-2 AND TMP-5.
- STEP 4 - USING RSD 1101.03 SHEET 1 OF 9, AND TMP-2 THROUGH TMP-4 CLOSE PINEBROOK SCHOOL RD (SR 1436) TO THROUGH TRAFFIC.  
  
INSTALL CMS BOARDS ALONG US 158 DETOUR ROUTES AS SHOWN ON TMP-5 (ACTIVATE ONLY DURING I-40 CLOSURES. SEE STEPS 7 & 10).
- STEP 5 - USING NIGHTLY LANE CLOSURE, RSD 1101.02 SHEETS 4 & 5 OF 19, TMP-6 AND TMP-8, SHIFT I-40 TRAFFIC TO TEMPORARY PATTERN. BEGIN DEMO OF BRIDGE DECK STARTING FROM THE MIDDLE.
- STEP 6 - USING NIGHTLY LANE CLOSURE AND RSD 1101.04 SHEET 1 OF 2 AND RSD 1101.02 SHEET 4 OF 19 INSTALL PCB THEN SHIFT I-40 TRAFFIC TO INSIDE LANES. FINISH DEMO OF BRIDGE DECK. SEE TMP-8.
- STEP 7 - ACTIVATE CMS BOARDS AND UNCOVER ALL SIGNS RELATIVE TO THE I-40 CLOSURE DETOUR AS NEEDED FOR OVERHEAD WORK (SEE GENERAL NOTE C). USING NIGHTLY ROAD CLOSURES, RSD 1101.02 SHEET 8 OF 19, AND RSD 1101.03 SHEET 7 OF 9 TO CLOSE -Y- (I-40) AND DETOUR TRAFFIC AS SHOWN ON TMP-5 THEN REMOVE EXISTING GIRDERS.  
  
AT THE END OF EACH WORK NIGHT RETURN TRAFFIC ON I-40 TO A NORMAL TRAFFIC PATTERN. COVER ALL SIGNS AND DEACTIVATE CMS BOARDS ON I-40 AND I-40 DETOUR. REPEAT STEP 7 UNTIL ALL GIRDERS HAVE BEEN REMOVED FROM EXISTING BRIDGE.
- STEP 8 - REMOVE THE EXISTING MEDIAN BENT AND FOOTING BEHIND PCB. SEE TMP-9.  
  
USING NIGHTLY LANE CLOSURES AND RSD 1101.02 SHEET 4 OF 19, WHERE NECESSARY, REMOVE THE EXISTING OUTSIDE SHOULDER BENTS AND END BENTS. SEE TMP-7 & TMP-9.
- STEP 9 - USING RSD 1101.04 SHEET 1 OF 2 AND TMP-9, CONSTRUCT PROPOSED END BENTS AND MEDIAN BENTS, OUTSIDE AND MEDIAN WIDENING OF -Y- (I-40). FOR OUTSIDE WIDENING CONSTRUCT FDPS, UP TO, BUT NOT INCLUDING THE FINAL SURFACE COURSE. FOR INSIDE WIDENING CONSTRUCT FDPS AND PLACE MEDIAN BARRIERS. SEE ROADWAY PLANS FOR DETAILS.
- STEP 10 - USING NIGHTLY LANE CLOSURES AND RSD 1101.02 SHEET 4 OF 19 AND TMP-8, CONSTRUCT THE FINAL LAYER OF SURFACE COURSE FOR OUTSIDE WIDENING OF -Y- (I-40).
- STEP 11 - ACTIVATE CMS BOARDS AND UNCOVER ALL SIGNS RELATIVE TO THE I-40 CLOSURE DETOUR AS NEEDED FOR OVERHEAD WORK (SEE GENERAL NOTE C). CONSTRUCT PROPOSED BRIDGE, USING NIGHTLY ROAD CLOSURES AND RSD 1101.03 SHEET 7 OF 9 TO CLOSE -Y- (I-40) AND DETOUR TRAFFIC TO DETOUR ROUTE SHOWN ON TMP-5.  
  
AT THE END OF EACH WORK NIGHT RETURN TRAFFIC ON I-40 TO A NORMAL TRAFFIC PATTERN. COVER ALL SIGNS AND DEACTIVATE CMS BOARDS ON I-40 AND I-40 DETOUR. REPEAT STEP 11 UNTIL PROPOSED BRIDGE CONSTRUCTION IS COMPLETE.

- STEP 12 - USING NIGHTLY LANE CLOSURES AND RSD 1101.02 SHEET 4 OF 19. INSTALL PAVEMENT MARKINGS IN FINAL PATTERN ON -Y- (I-40) AS SHOWN IN PMP PLANS.
- STEP 13 - AWAY FROM TRAFFIC AND USING RSD 1101.02 SHEET 1 OF 19, CONSTRUCT -L- STA. 15+00 TO 25+00, UP TO, BUT NOT INCLUDING, FINAL LAYER OF SURFACE COURSE.
- STEP 14 - AWAY FROM TRAFFIC AND USING RSD 1101.02 SHEET 1 OF 19 INSTALL FINAL LAYER OF SURFACE COURSE ON -L- FROM 15+00 TO 25+00. INSTALL FINAL PAVEMENT MARKINGS IN FINAL PATTERN AS SHOWN IN PMP PLANS. REMOVE ALL OFF-SITE DETOUR SIGNS AND DEVICES THEN OPEN PINEBROOK SCHOOL RD TO TRAFFIC.

**LOCAL NOTES**

A) NOTIFY THE FOLLOWING AUTHORITIES ONE MONTH PRIOR TO ANY TRAFFIC PATTERN ALTERATION:

LOCAL NC CONTACTS:  
JOHN P RHYNE, PE  
DIVISION MAINTENANCE ENGINEER  
OFFICE: 336-747-7800

J. P. COUCH, PE  
DIVISION TRAFFIC ENGINEER  
OFFICE: 336-747-7800

JEREMY MILLER  
DAVIE COUNTY SCHOOL TRANSPORTATION SERVICES DIRECTOR  
OFFICE: 336-751-5921

JOSEPH ASHBURN  
DAVIE COUNTY EMERGENCY MANAGEMENT DIRECTOR  
OFFICE: 336-753-6160

**TRAFFIC MANAGEMENT STRATEGY**

PINEBROOK SCHOOL RD

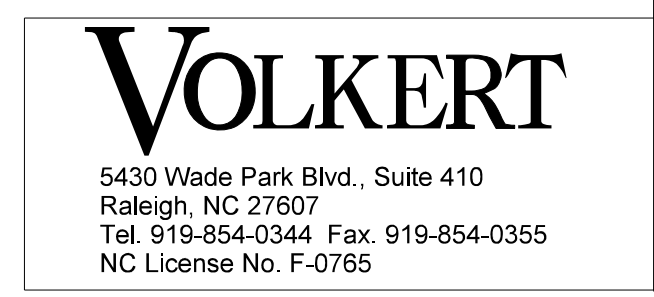
USE OFF-SITE DETOUR TO REMOVE EXISTING BRIDGE AND CONSTRUCT PROPOSED BRIDGE AND APPROACHES.

LOCAL ACCESS TO ALL RESIDENCES AND BUSINESSES SHALL BE MAINTAINED BETWEEN CLOSURE POINTS AT ALL TIMES DURING CONSTRUCTION.

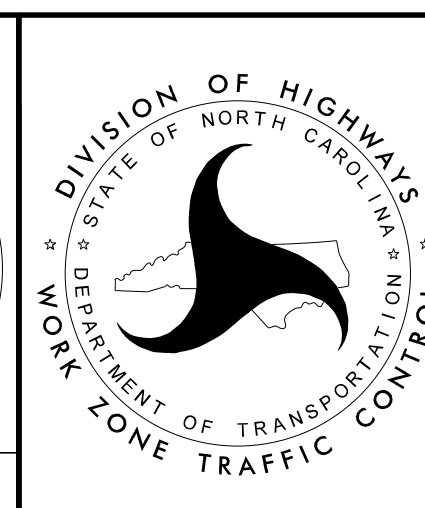
I-40

USE A COMBINATION OF OFF-SITE DETOUR, ROADWAY STANDARD DRAWINGS, AND TRAFFIC CONTROL PLANS FOR ALL OVERHEAD WORK, PCB, AND LANE CLOSURES.

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DocuSigned by:  
*Zachary Thornton*  
APPROVED: E4D10EEB0CB848A  
DATE: 12/21/2024  
SEAL



GENERAL NOTES, TRAFFIC MANAGEMENT STRATEGY, AND PHASING

**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**