

# TRAFFIC CONTROL PHASING

PERFORM ALL BRIDGE REPAIR OPERATIONS IN THE PHASING USING LANE CLOSURES OR ROAD CLOSURES AS OUTLINED BELOW:

REFER TO GENERAL NOTES FOR TIME AND HOLIDAY RESTRICTIONS.

### LANE CLOSURES

-EASTBOUND TO DOWNTOWN WILMINGTON USE ROADWAY STD. DRAWING 1101.02, SHEET 3 FOR LANE CLOSURES.

-WESTBOUND FROM DOWNTOWN WILMINGTON USE SHEET TCP-8 FOR LEFT OR RIGHT LANE CLOSURES.

-WHEN WORKING IN AN INTERIOR LANE ON THE BRIDGE, CLOSE BOTH INBOUND AND OUTBOUND INTERIOR LANES.

### ROAD CLOSURES

-EASTBOUND TO DOWNTOWN WILMINGTON CLOSE BRIDGE NO.13 IN ACCORDANCE WITH SHEET TCP-6 AND TCP-7 IN CONJUNCTION WITH ROADWAY STD. DRAWING 1101.03, SHEET 7.

-WESTBOUND FROM DOWNTOWN WILMINGTON CLOSE BRIDGE NO.13 IN ACCORDANCE WITH SHEET TCP-9 AND TCP-10.

### PHASING

STEP 1: INSTALL WORK ZONE ADVANCE WARNING SIGNS (SEE TCP-4) ON PROJECT NO MORE THAN THREE (3) CALENDAR DAYS BEFORE BEGINNING WORK.

STEP 2: INSTALL AND COVER OFF-SITE DETOUR SIGNS FOR EASTBOUND US 76, 421, BUS 17 AS SHOWN ON TMP-6, 7.

STEP 3: USING LANE CLOSURES AND RSD 1101.02, SHEET 3, INSTALL PCB AND TEMPORARY ATTENUATOR, TRAFFIC SHIFT MARKINGS AND DEVICES, AND TEMPORARY STEEL BARRIER ON WESTBOUND US 76, 421, BUS 17.(SEE TMP-4A)

COMPLETE THE WORK OF STEPS 4 - 6 BY APRIL 1, 2024. (SEE SPECIAL PROVISIONS)

STEP 4: UNCOVER EASTBOUND US 76, 421, BUS 17 DETOUR SIGNS AND SHIFT TRAFFIC ONTO THE DETOUR.

REMOVE THE PERMANENT MEDIAN BARRIER RAIL AND BEGIN GRID DECK REPLACEMENT ON EASTBOUND US 76, 421, BUS 17 AS SHOWN IN THE STRUCTURE PLANS.

COMPLETE THE WORK OF STEP 4A BETWEEN 7:00 PM FRIDAY AND 5:00 AM THE FOLLOWING MONDAY (58 CONSECUTIVE HOURS). (SEE SPECIAL PROVISIONS)

STEP 4A: INSTALL OFF-SITE DETOUR SIGNS FOR WESTBOUND US 76, 421, BUS 17 AS SHOWN ON TMP-9,10 AND SHIFT TRAFFIC ONTO THE DETOUR.

WELD STIFFENERS BACK ONTO THE FLOOR BEAMS ON THE EASTBOUND SIDE OF THE BRIDGE.

COVER OFF-SITE DETOUR SIGNS FOR WESTBOUND US 76, 421, AND BUS 17 AND OPEN WESTBOUND TRAFFIC ON THE CAPE FEAR MEMORIAL BRIDGE TO TRAFFIC.

STEP 5: COMPLETE THE GRID DECK REPLACEMENT ON EASTBOUND US 76, 421, BUS 17 AS SHOWN IN THE STRUCTURE PLANS.

STEP 6: INSTALL TEMPORARY STEEL BARRIER ON THE EASTBOUND SIDE OF THE BRIDGE AS SHOWN IN THE STRUCTURE PLANS.

INSTALL TRAFFIC SHIFT MARKINGS AND DEVICES, INCLUDING PCB AND TEMPORARY ATTENUATOR ON EASTBOUND US 76, 421, BUS 17 AS SHOWN ON TMP-4A. OPEN EASTBOUND US 76, 421, BUS 17 TO TRAFFIC IN THE SHIFTED PATTERN.

COMPLETE THE WORK OF STEPS 8 - 10 BETWEEN 7:00PM APRIL 8, 2024 AND MAY 23, 2024. (SEE SPECIAL PROVISIONS)

STEP 7: UNCOVER DETOUR SIGNS INSTALLED IN STEP 4A, CLOSE WESTBOUND US 76, 421, BUS 17 AND PLACE TRAFFIC ON THE OFF-SITE DETOUR. (SEE TMP-9,10)

STEP 8: REMOVE TEMPORARAY STEEL BARRIER FROM WESTBOUND SIDE OF THE BRIDGE. BEGIN GRID DECK REPLACEMENT ON WESTBOUND US 76, 421, BUS 17 AS SHOWN IN THE STRUCTURE PLANS.

COMPLETE THE WORK OF STEP 8A BETWEEN 7:00 PM FRIDAY AND 5:00 AM THE FOLLOWING MONDAY (58 CONSECUTIVE HOURS). (SEE SPECIAL PROVISIONS)

STEP 8A: INSTALL OFF-SITE DETOUR SIGNS FOR EASTBOUND US 76, 421, BUS 17 AS SHOWN ON TMP-6,7 AND SHIFT TRAFFIC ONTO THE DETOUR.

WELD STIFFENERS BACK ONTO THE FLOOR BEAMS ON THE WESTBOUND SIDE OF THE BRIDGE.

COVER OFF-SITE DETOUR SIGNS FOR EASTBOUND US 76, 421, AND BUS 17 AND OPEN EASTBOUND TRAFFIC ON THE CAPE FEAR MEMORIAL BRIDGE TO TRAFFIC.

STEP 9: COMPLETE THE GRID DECK REPLACEMENT ON WESTBOUND US 76, 421, BUS 17 AS SHOWN IN THE STRUCTURE PLANS. INSTALL THE PERMANENT MEDAIN BARRIER RAIL.

PLACE FINAL MARKINGS ON WESTBOUND US 76, 421, BUS 17 AS SHOWN IN THE FINAL PAVEMENT MARKING PLANS.

STEP 10: REMOVE ALL TRAFFIC CONTROL DEVICES AND REOPEN WESTBOUND US 76, 421, BUS 17 TO TRAFFIC IN THE FINAL PATTERN.

STEP 11: USING LANE CLOSURES PER ROADWAY STD. DRAWING 1101.02, SHEET 3, REMOVE TEMPORARY STEEL BARRIER AND ALL TRAFFIC CONTROL DEVICES, PLACE FINAL MARKINGS ON EASTBOUND US 76, 421, BUS 17 AS SHOWN IN THE FINAL PAVEMENT MARKING PLANS, AND OPEN EASTBOUND TO FINAL PATTERN.

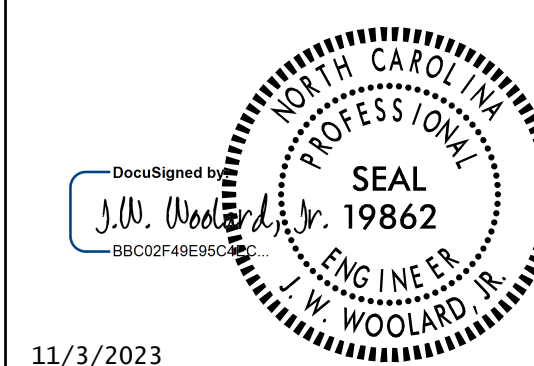
STEP 12: USING LANE CLOSURES, RSD 1101.01, SHEET 3, AND TMP-8, COMPLETE REMAINING STRUCTURE REPAIRS AS SHOWN IN THE STRUCTURE PLANS

STEP 13: REMOVE ALL TRAFFIC CONTROL DEVICES AND OPEN TRAFFIC TO FINAL PATTERN.

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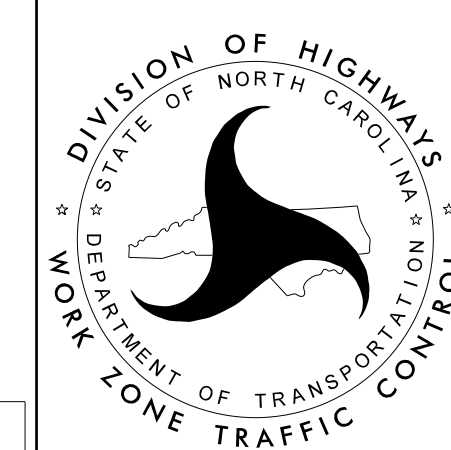


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