

# PHASING

## PHASE 1

### STEP 1

INSTALL ADVANCE WARNING SIGNS IN ACCORDANCE WITH RSD 1101.01 USING LANE CLOSURES AND FLAGGING OPERATIONS, REMOVE EXISTING CONCRETE MEDIAN AND CONSTRUCT TEMPORARY PAVEMENT AT THE FOLLOWING LOCATIONS (TMP-3.1):

- -L- FROM MERCANTILE DRIVE TO -RPC-
- -RPC- NEAR INTERSECTION OF -L-

INSTALL PAVEMENT MARKINGS OUTLINING THE REMOVED ISLANDS AS SHOWN ON TMP-3.1

### STEP 2

ALONG US-52, USING LANE CLOSURES AS NEEDED, PERFORM THE FOLLOWING (TMP-3.2):

NB:

- USING LANE CLOSURES, CONSTRUCT 4' OF TEMPORARY PAVEMENT ALONG THE INSIDE SHOULDER
- NARROW TRAVEL LANES BY 1' AND SHIFT PAVEMENT MARKINGS AS SHOWN
- INSTALL PCB AND CRASH CUSHIONS ALONG THE INSIDE AND OUTSIDE LANES
- REMOVE GUARDRAIL AS NEEDED BEHIND PCB. INSTALL TEMPORARY ANCHOR UNITS WHERE NEEDED

SB:

- USING LANE CLOSURES, CONSTRUCT 4' OF TEMPORARY PAVEMENT ALONG THE INSIDE SHOULDER
- NARROW THROUGH LANES BY 1' AND SHIFT PAVEMENT MARKINGS AS SHOWN
- INSTALL PCB AND CRASH CUSHIONS ALONG THE INSIDE AND OUTSIDE LANES
- REMOVE GUARDRAIL AS NEEDED BEHIND PCB. INSTALL TEMPORARY ANCHOR UNITS AS SHOWN

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN PHASE 1, STEP 3 STARTING FRIDAY AT 8:00 PM AND ENDING MONDAY AT 6:00 AM (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

### STEP 3

INSTALL 35 MPH STATIC SPEED REDUCTION BOTH DIRECTIONS ON UNIVERSITY PKWY (SEE TMP-5.1) INSTALL DETOUR SIGNS AND DEVICES AS SHOWN ON TMP-2E AND TMP-2F CLOSE NORTHBOUND AND SOUTHBOUND US 52 RAMPS AND LOOPS

USING LANE CLOSURES, FLAGGING OPERATIONS, AND ROAD STOPPAGES, PERFORM THE FOLLOWING (SEE TMP-3.3 AND TMP-3.4):

- INSTALL TEMPORARY SIGNS, PAVEMENT MARKINGS, AND TEMPORARY SIGNALS FOR PHASE 1 TRAFFIC PATTERN
- INSTALL PCB AND REDIRECTIVE CRASH CUSHIONS
- SHIFT TRAFFIC TO PHASE 1 TRAFFIC PATTERN AND REOPEN US 52 RAMPS/LOOPS

### STEP 4

AWAY FROM TRAFFIC, INSTALL TEMPORARY SHORING NO. 1 & 2

CLOSE US-52 AS NEEDED DURING ALLOWABLE TIME RESTRICTIONS FOR BRIDGE DEMO/GIRDER ERECTION. SEE TMP-2C AND TMP-2D FOR DETOURS

INSTALL TEMPORARY SHORING NO. 5 & 6 AS NEEDED FOR MEDIAN PIER CONSTRUCTION

AWAY FROM TRAFFIC, COMPLETE WORK REQUIRED FOR STAGE I BRIDGE CONSTRUCTION UP TO BUT NOT INCLUDING FINAL SURFACE. INSTALL TEMPORARY SHORING NO. 3 & 4 AS NEEDED DURING CONSTRUCTION

USING LANE CLOSURES, COMPLETE FULL DEPTH PAVEMENT REPLACEMENT ALONG -L- BETWEEN -RPC- AND MERCANTILE DRIVE

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN PHASE 1, STEP 5 IN 30 CONSECUTIVE CALENDAR DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

### STEP 5

INSTALL DETOUR SIGNS AS SHOWN ON TMP-2E AND CLOSE SB US-52 RAMPS. MODIFY EXISTING TEMP SIGNAL TO PLACE UNIVERSITY PARKWAY THROUGH TRAFFIC IN YELLOW FLASH.

COMPLETE THE WORK REQUIRED ON TMP-3.5 INCLUDING OUTSTANDING DRAINAGE ITEMS ALONG THE RAMPS. WEDGE EXISTING PAVEMENT TO TIE IN TO PROPOSED GRADE ALONG -L- TO ALLOW RAMPS TO RE-OPEN

REMOVE DETOUR AND RE-OPEN SB US-52 RAMPS TO TRAFFIC

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED IN PHASE 1, STEP 6 IN 30 CONSECUTIVE CALENDAR DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES)

### STEP 6

INSTALL DETOUR SIGNS AS SHOWN ON TMP-2F AND CLOSE NB US-52 RAMPS

COMPLETE THE WORK REQUIRED ON TMP-3.6 INCLUDING OUTSTANDING DRAINAGE ITEMS ALONG THE RAMPS

USING LANE CLOSURES, FLAGGING OPERATIONS, AND ROAD STOPPAGES, PERFORM THE FOLLOWING (SEE TMP 4.1 AND TMP-4.2):

- INSTALL TEMPORARY SIGNS, PAVEMENT MARKINGS, AND TEMPORARY SIGNALS FOR PHASE 2 TRAFFIC PATTERN
- INSTALL PCB AND REDIRECTIVE CRASH CUSHIONS
- REMOVE DETOUR, REOPEN NB US-52 RAMPS, AND SHIFT TRAFFIC TO PHASE 2 TRAFFIC PATTERN

## PHASE 2

MAINTAIN PCB ALONG US-52 DURING PHASE 2

CLOSE US-52 AS NEEDED DURING ALLOWABLE TIME RESTRICTIONS FOR BRIDGE DEMO/GIRDER ERECTION. SEE TMP-2C AND TMP-2D FOR DETOURS

FINISH INSTALLING SHORING NO. 5 AND NO. 6 AS NEEDED DURING STAGE 2 BRIDGE CONSTRUCTION

AWAY FROM TRAFFIC, COMPLETE WORK REQUIRED FOR STAGE 2 BRIDGE AND ROADWAY CONSTRUCTION UP TO BUT NOT INCLUDING FINAL SURFACE

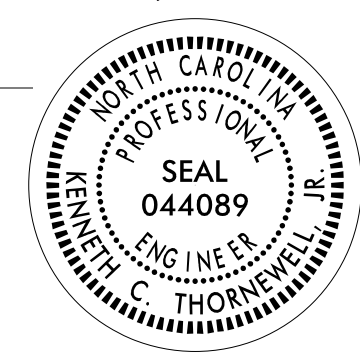
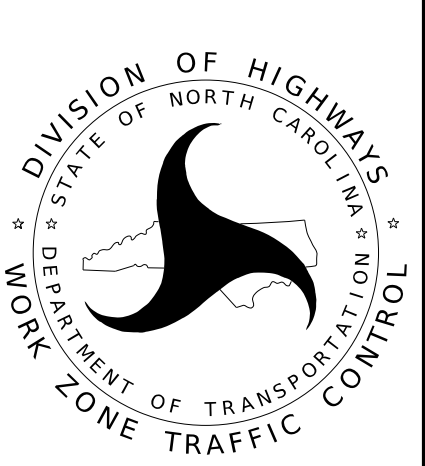
## PHASE 3

ALONG US-52, REMOVE PCB AND RESTORE TRAFFIC TO FINAL PATTERN USING LANE CLOSURES AS NEEDED. SEE ROADWAY PLANS FOR GUARDRAIL AND MEDIAN CONSTRUCTION

ALONG -L-, INSTALL PERMANENT SIGNALS AND SHIFT TRAFFIC TO FINAL PATTERN. REMOVE 35 MPH STATIC SPEED REDUCTION AND RESTORE EXISTING 45 MPH SPEED LIMIT. COMPLETE ANY OUTSTANDING MEDIAN DRAINAGE AND CONSTRUCT MEDIAN ISLANDS USING LANE CLOSURES AS NEEDED

COMPLETE PAVING OF FINAL SURFACE COURSE AND INSTALL FINAL PAVEMENT MARKINGS ACCORDING TO PLANS. MILL, OVERLAY, AND RESTRIPE EXISTING PAVEMENT MODIFIED FOR TRAFFIC CONTROL OUTSIDE ROADWAY LIMITS

3/4/2026  
pw:/ncdot-pw.bentley.com:ncdot-pw-01/Documents/Division\_09/BR-0168/Work Zone Traffic Control/BR-0168-TC-TMP-02B-Phasing Notes  
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