

## MANAGEMENT STRATEGY

THIS PROJECT CONSISTS OF REPLACING BRIDGE NO. 31 OVER SANDY RUN SWAMP ON NC 50. DURING CONSTRUCTION, NC 50 WILL BE CLOSED AT THE CONSTRUCTION LIMITS AND TRAFFIC WILL BE PLACED ON AN OFF-SITE DETOUR ALONG SR 1105 (HAWS RUN RD) AND SR 1104 (PADGETT RD).

NC 50 WILL BE REOPENED TO 2-LANE/2-WAY TRAFFIC UPON COMPLETION OF CONSTRUCTION.

## GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

### TRAFFIC PATTERN ALTERATIONS

- A) NOTIFY THE ENGINEER THIRTY (30) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

### SIGNING

- B) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.  
  
 PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- C) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.  
  
 COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.
- D) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

## LOCAL NOTES

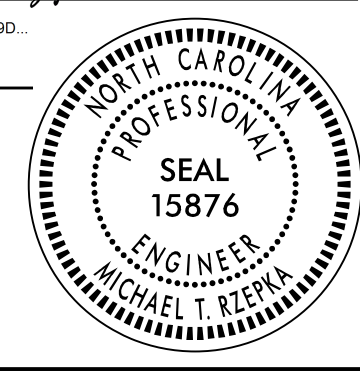
- 1) CONTACT THE FOLLOWING AGENCIES AT LEAST 30 DAYS PRIOR TO CLOSING NC 50 IN STEP 4:  
 ONSLOW COUNTY SCHOOLS - (910) 455-2211  
 ONSLOW COUNTY EMERGENCY SERVICES - (910) 347-4270
- 2) MAINTAIN ACCESS TO ALL RESIDENCES AND BUSINESSES BETWEEN THE CLOSURE POINTS AT ALL TIMES DURING CONSTRUCTION.

## PHASING

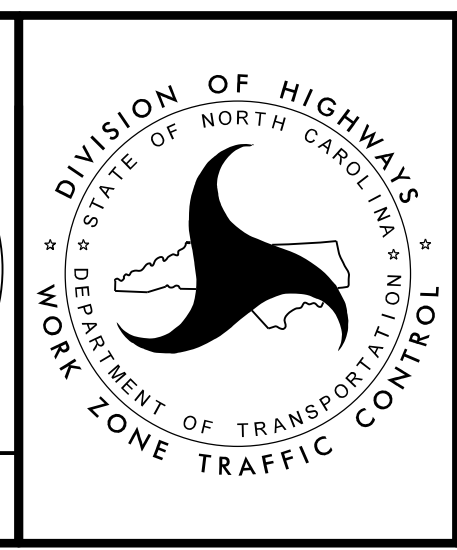
- STEP 1  
  
 USING ROADWAY STANDARD DRAWING 1101.01 (SHEET 3 OF 3), INSTALL WORK ZONE ADVANCE WARNING SIGNS ON HAWS RUN ROAD (SR 1105) AND PADGETT ROAD (SR 1104).
- STEP 2  
  
 USING ROADWAY STANDARD DRAWING 1101.02 (SHEET 1 OF 14), PERFORM OFFSITE IMPROVEMENTS ON HAWS RUN ROAD (SR 1105) AND PADGETT ROAD (SR 1104) REQUIRED FOR DETOUR USE IN STEP 4 (SEE ROADWAY PLANS).  
  
 INSTALL CMS BOARDS AT DETOUR POINTS AND ACTIVATE THIRTY DAYS BEFORE CLOSING NC 50 (SEE SHEET TMP-3). CONTACT APPROPRIATE AGENCIES AT LEAST 30 DAYS BEFORE CLOSING NC 50 (SEE LOCAL NOTE 1).
- STEP 3  
  
 REMOVE WORK ZONE ADVANCE WARNING SIGNS INSTALLED IN STEP 1.
- STEP 4  
  
 USING ROADWAY STANDARD DRAWING 1101.03 (SHEET 1 OF 9), INSTALL ROAD CLOSURE AND DETOUR SIGNS. CLOSE NC 50 AND DETOUR TRAFFIC (SEE LOCAL NOTE 2). RELOCATE CMS BOARDS USED IN STEP 2.  
  
 RECORD EXISTING PAVEMENT MARKING LOCATIONS WITHIN THE PROJECT LIMITS BEFORE PROCEEDING TO STEP 5.
- STEP 5  
  
 REMOVE EXISTING BRIDGE.
- STEP 6  
  
 CONSTRUCT PROPOSED STRUCTURE AND ROADWAY.
- STEP 7  
  
 PLACE FINAL PAVEMENT MARKINGS AND MARKERS ON NC 50 IN RECORDED LOCATIONS AND OPEN ROAD TO TRAFFIC.
- STEP 8  
  
 REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

APPROVED: *Michael T. Rzepka*  
DocuSigned by: Michael T. Rzepka  
 018C3480C28049D

DATE: 3/16/2021



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



## TRANSPORTATION OPERATIONS PLAN

PLOT DRIVER: NCDOT\_pdf\_mono\_eng\_50.plt  
 USER: WRZEPKA  
 PENTABLE: NCDOT\_tcp.tbl  
 DATE: 3/16/2021  
 TIME: 9:19:56 AM  
 FILE: p:\pwhdr\users\01\HDR-US\_East\_01\Documents\Simpson-Engineers-Associates\Simpson\_Div3\_Div13\_2018\_Brdg\6.0\_CAD\_BIM\6.2\_WIP\Division 03\B-5626\TrafficControl\TCP\B5626-fmp\_02\_top