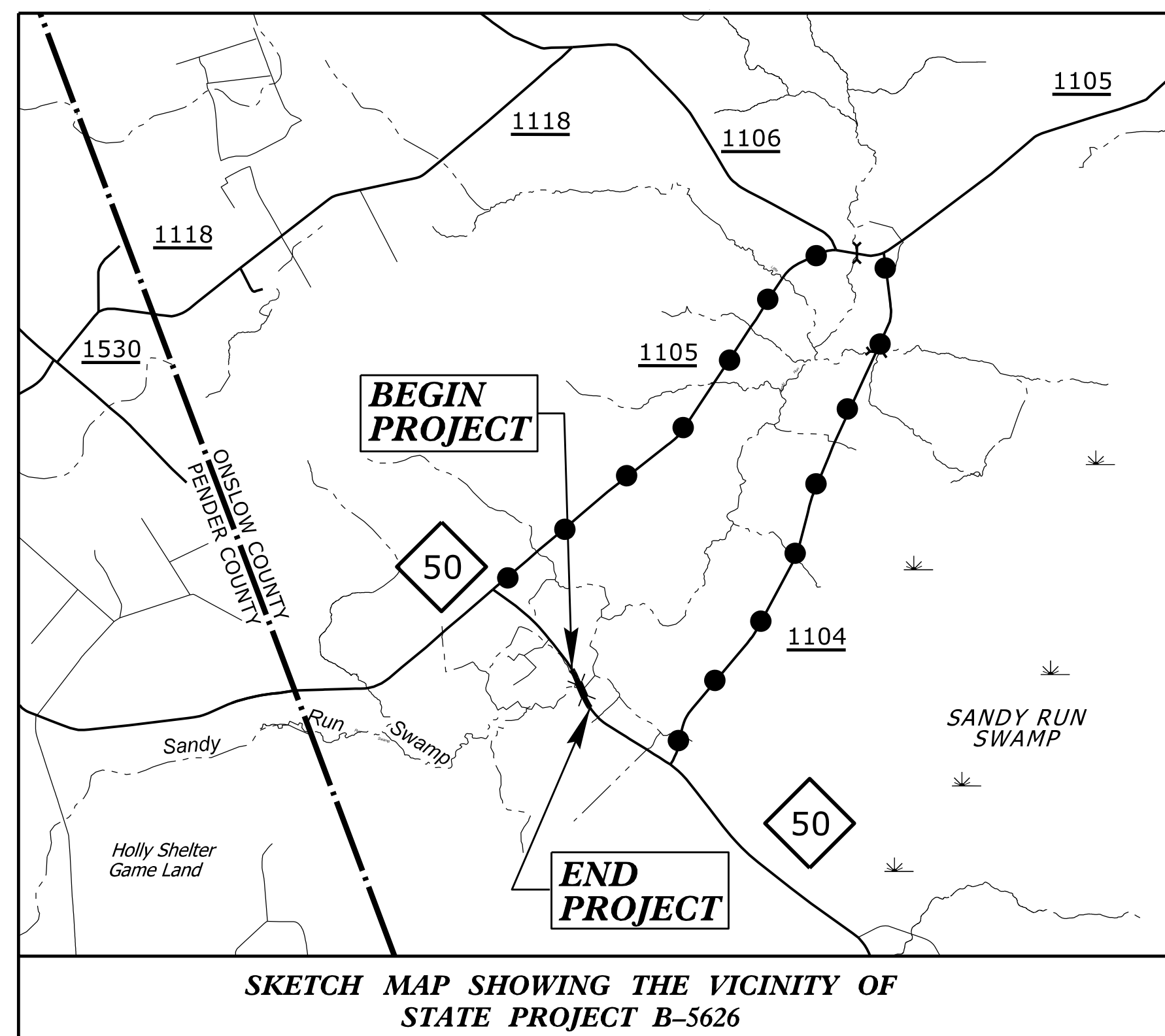
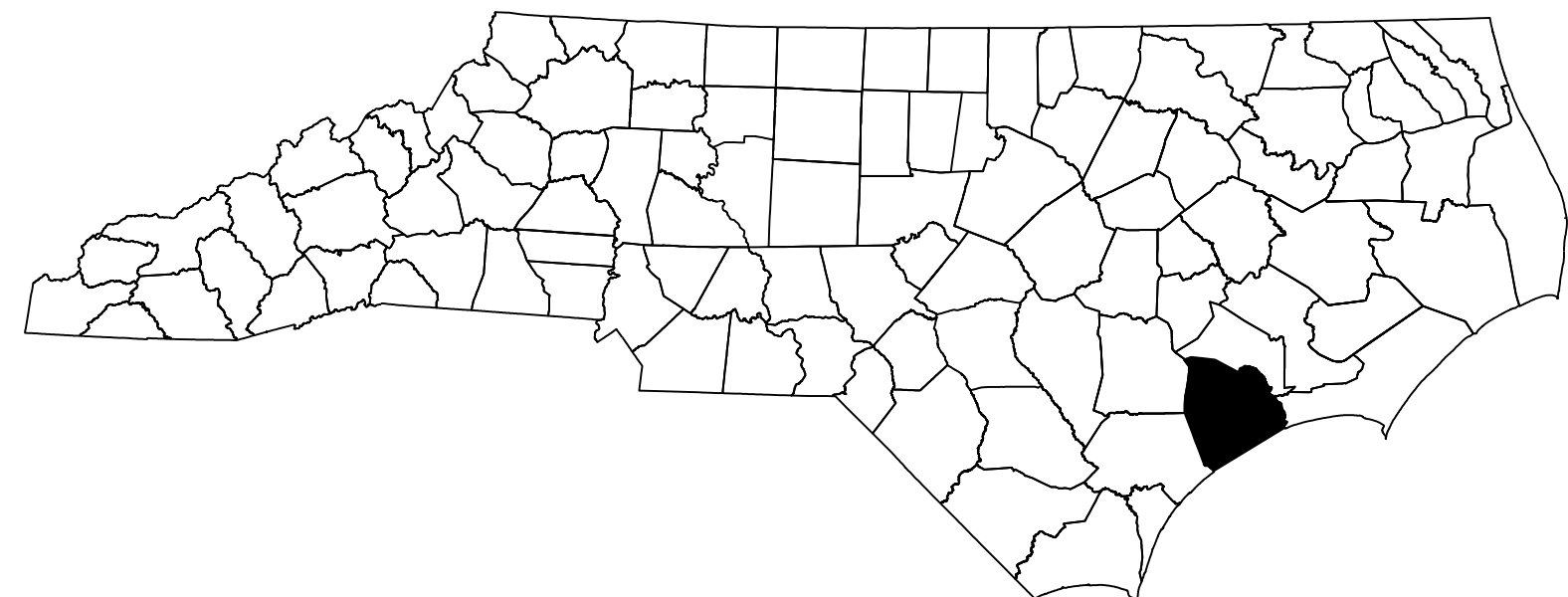


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

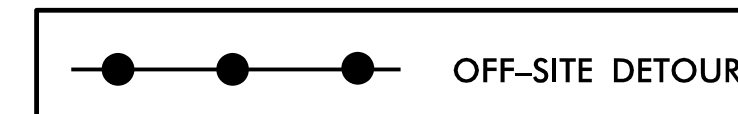
TRANSPORTATION MANAGEMENT PLAN

ONSLOW COUNTY



LOCATION: BRIDGE NO. 31 OVER SANDY RUN SWAMP
ON NC 50

TYPE OF WORK: GRADING, DRAINAGE, PAVING,
& STRUCTURES



INDEX OF SHEETS

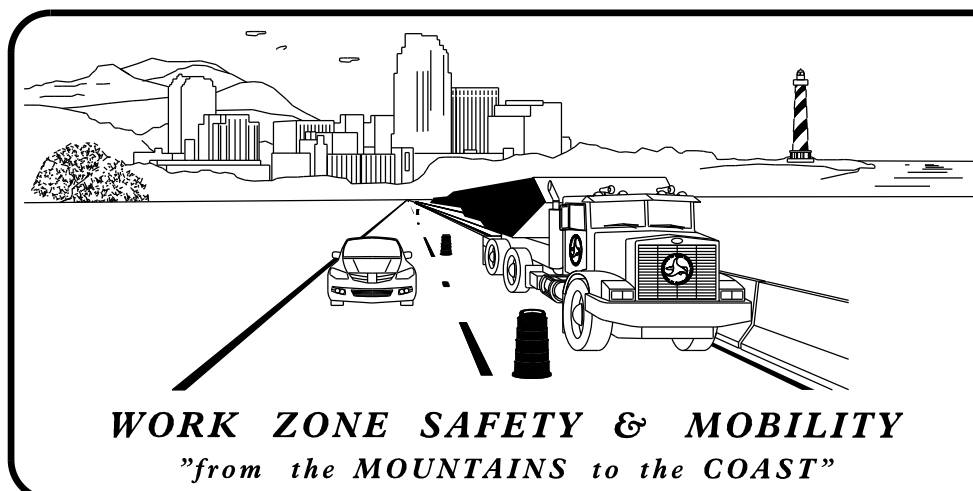
SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS AND LEGEND
TMP-2	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGY, GENERAL NOTES, LOCAL NOTES AND PHASING)
TMP-3	DETOUR FOR NC 50 ROAD CLOSURE OVER SANDY RUN SWAMP

SHEET NO.
TMP-1

B-5626

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PLANS PREPARED BY:

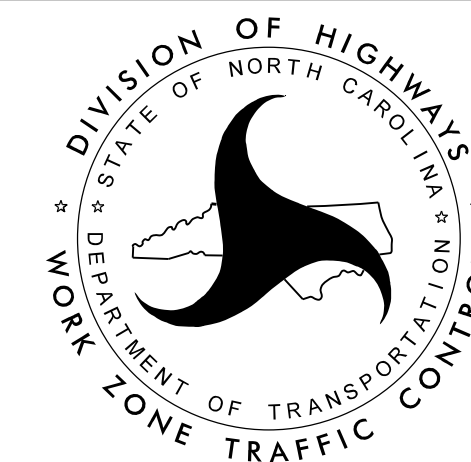
MIKE RZEPKA, P.E.
PROJECT ENGINEER

CHRIS HARNDEN
PROJECT DESIGN ENGINEER

NCDOT CONTACTS:

S. KITE, P.E.
PROJECT ENGINEER

S. JENNINGS
PROJECT DESIGN ENGINEER



HDR HDR Engineering, Inc. of the Carolinas
555 Fayetteville St. Suite 900 Raleigh, N.C. 27601
N.C.B.E.L.S. License Number: F-0116

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UNLESS ALL SIGNATURES COMPLETED

APPROVED: Michael T. Rzepka
DATE: 2/3/2020

SEAL



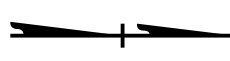
ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

<u>STD. NO.</u>	<u>TITLE</u>
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGERS
1180.01	SKINNY DRUMS

LEGEND

GENERAL

 NORTH ARROW

TRAFFIC CONTROL DEVICES


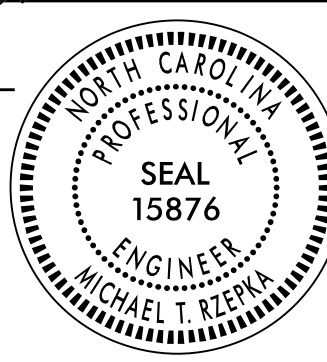

 BARRICADE (TYPE III)

 CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

 STATIONARY SIGN

2/3/2020
G:\pwworking\vegast01\d0842422\B5626_Tmp_01a_title.dgn
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<p>APPROVED:  018C3480C28049D...</p> <p>DATE: 2/3/2020</p> 		<p>ROADWAY STANDARD DRAWINGS & LEGEND</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		

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.


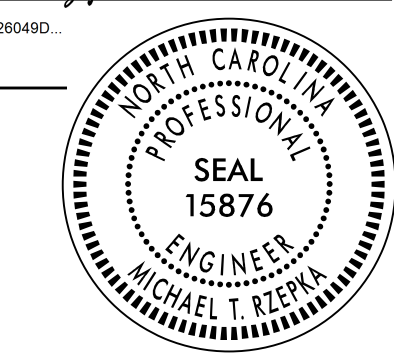
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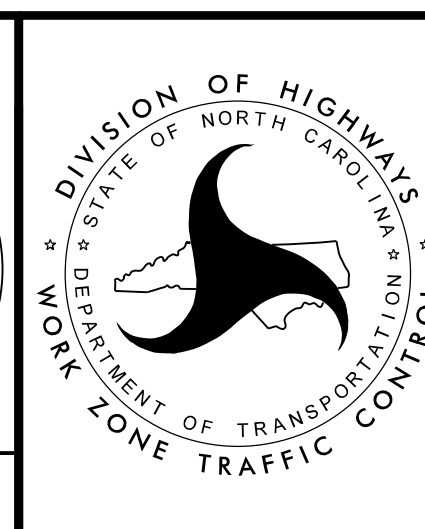
- STEP 1
 USING ROADWAY STANDARD DRAWING 1101.01 (SHEET 3 OF 3), INSTALL WORK ZONE ADVANCE WARNING SIGNS ON HAWS RUN ROAD (SR 1105) AND PADGETT ROAD (SR 1104).
- STEP 2
 USING ROADWAY STANDARD DRAWING 1101.02 (SHEET 1 OF 14), PERFORM OFFSITE IMPROVEMENTS ON HAWS RUN ROAD (SR 1105) AND PADGETT ROAD (SR 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.

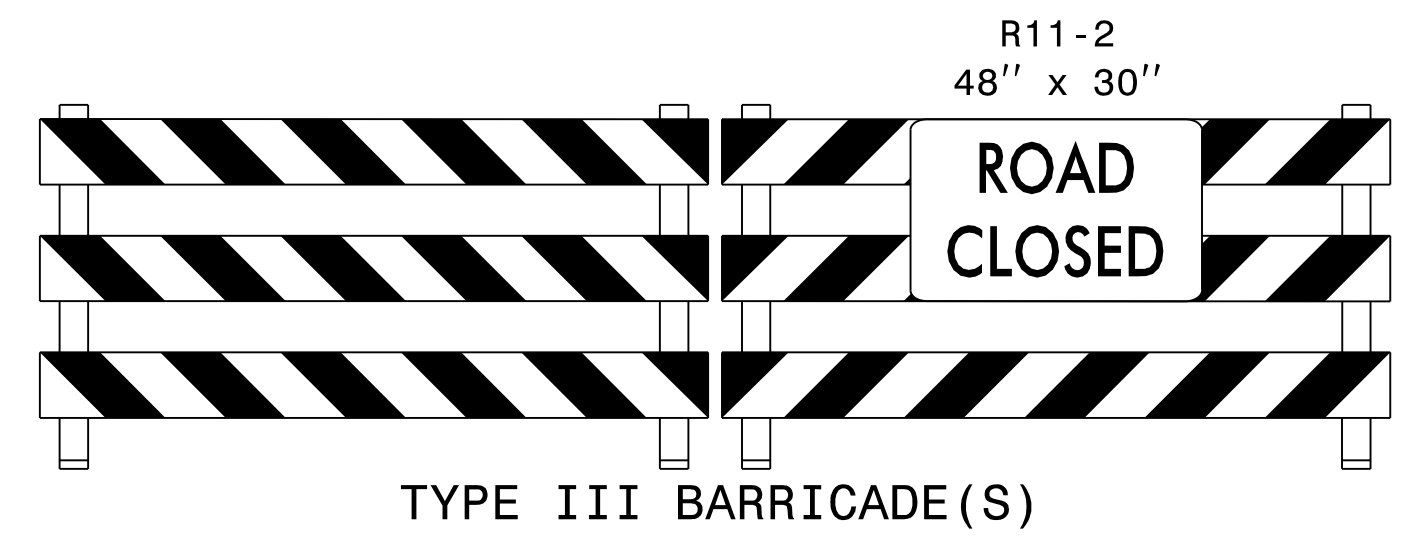
 RECORD EXISTING PAVEMENT MARKING LOCATIONS WITHIN THE PROJECT LIMITS BEFORE PROCEEDING TO STEP 5.
- STEP 5
 REMOVE EXISTING BRIDGE.
- STEP 6
 CONSTRUCT PROPOSED STRUCTURE AND ROADWAY.
- STEP 7
 PLACE FINAL PAVEMENT MARKINGS AND MARKERS ON NC 50 IN RECORDED LOCATIONS AND OPEN ROAD TO TRAFFIC.
- STEP 8
 REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

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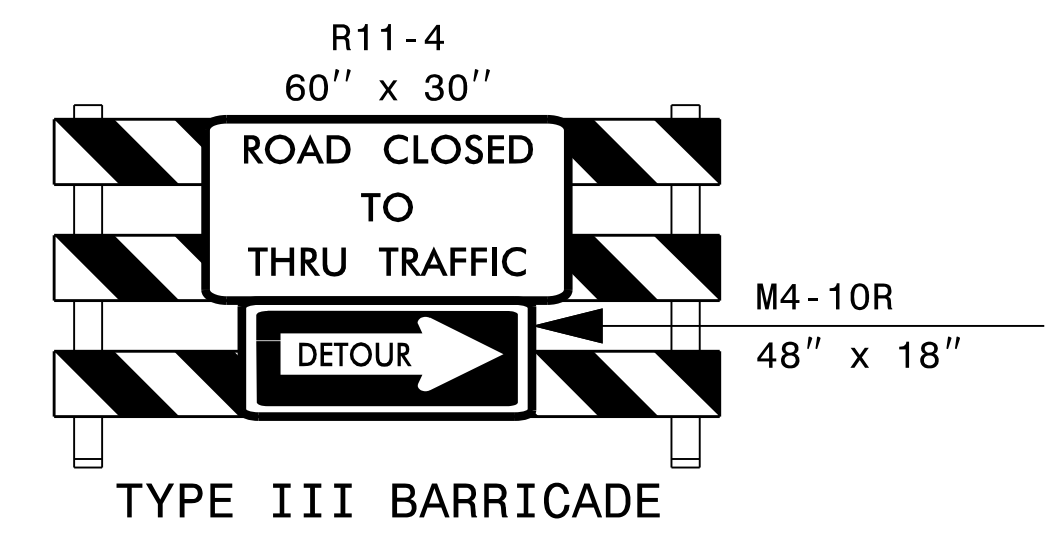
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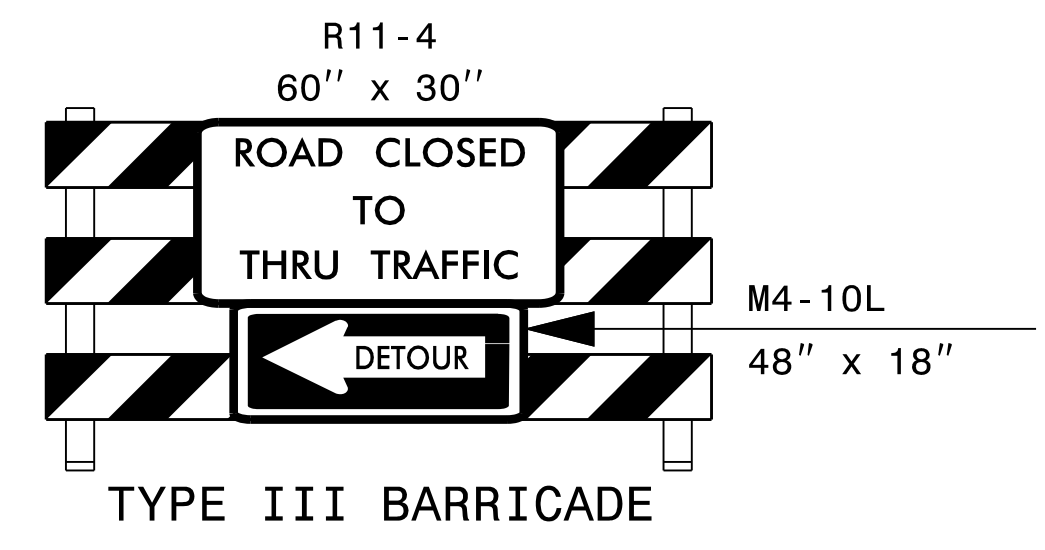
TRANSPORTATION OPERATIONS PLAN



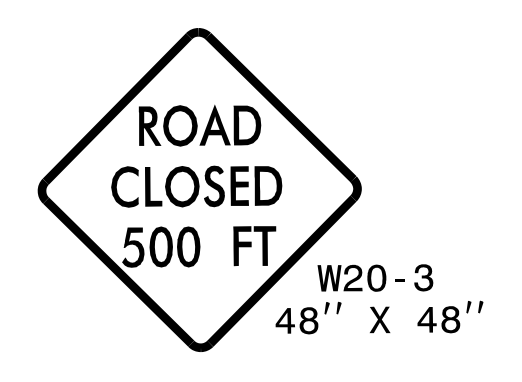
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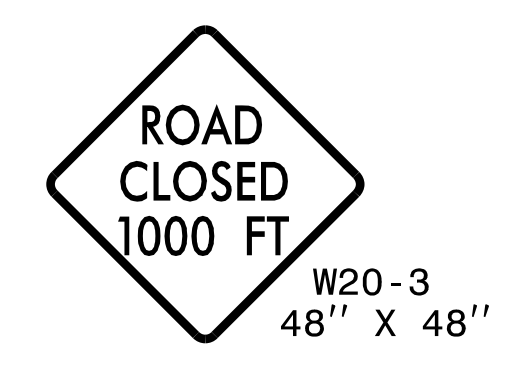
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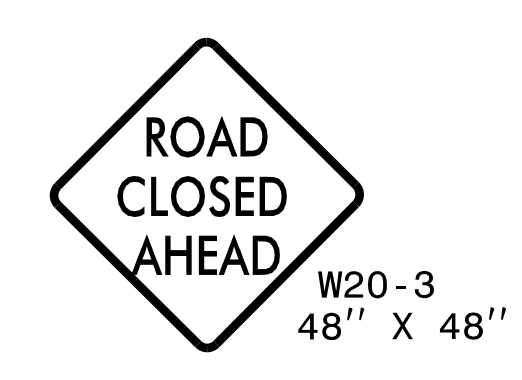
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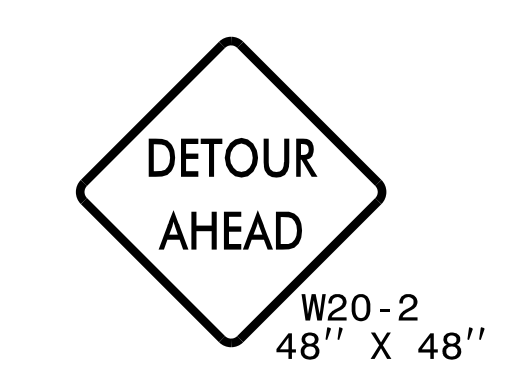
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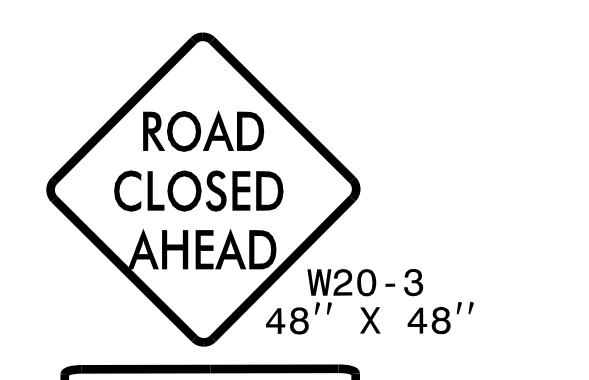
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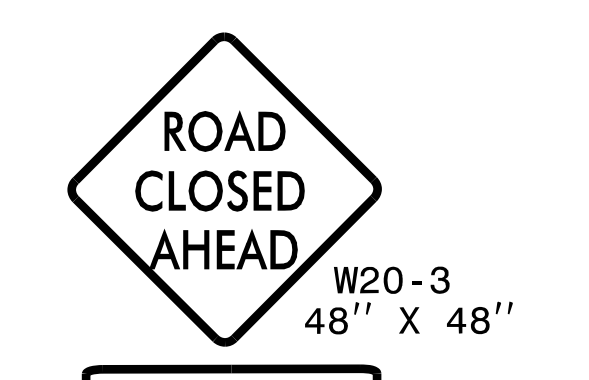
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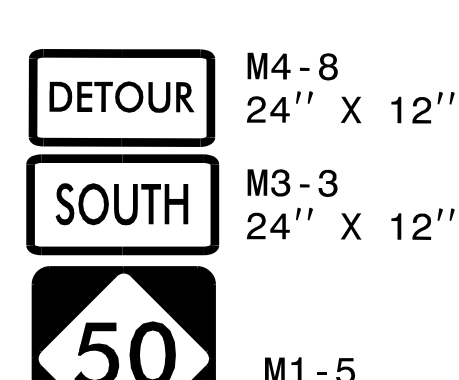
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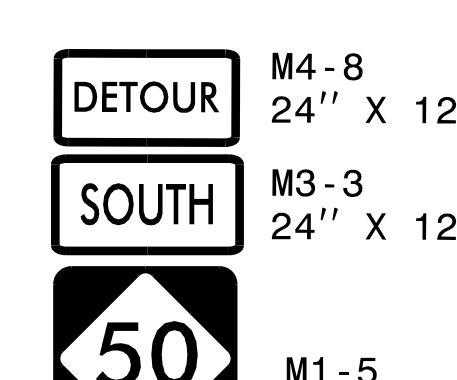
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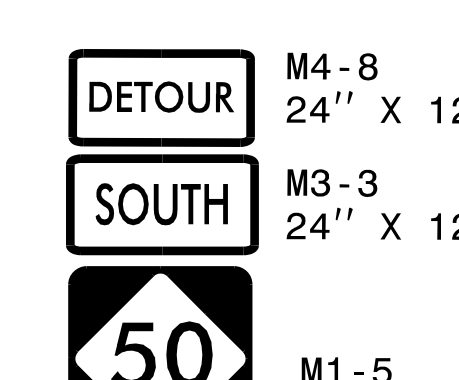
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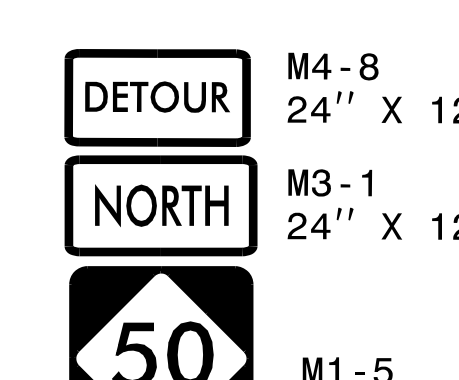
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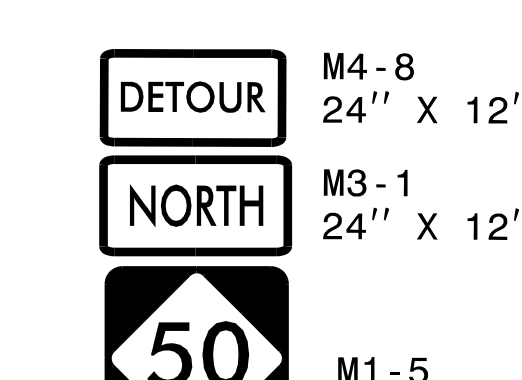
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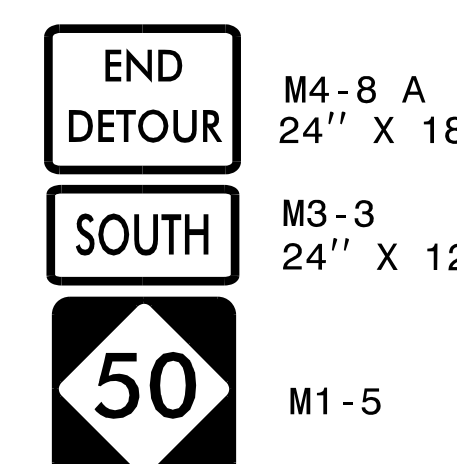
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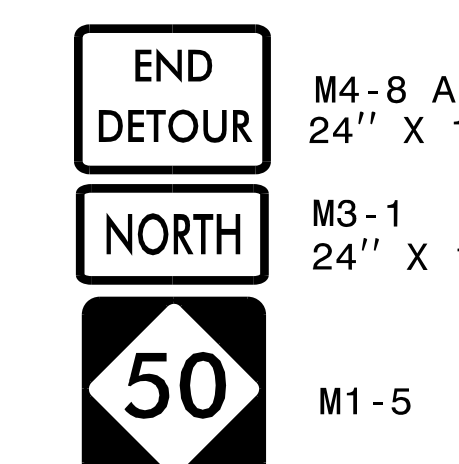
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O



P



Q

MESSAGES AS SHOWN OR AS DIRECTED BY THE ENGINEER

MESSAGE NO. 1	MESSAGE NO. 2
NC 50 TO CLOSE (DATE)	NC 50 TO CLOSE (DATE)

CHANGEABLE MESSAGE SIGN

INSTALL AND ACTIVATE CMS AT DETOUR POINTS 30 DAYS BEFORE ROAD CLOSURE.

MESSAGES AS SHOWN OR AS DIRECTED BY THE ENGINEER

MESSAGE NO. 1	MESSAGE NO. 2
NC 50 CLOSED AHEAD	DETOUR NEXT RIGHT

CHANGEABLE MESSAGE SIGN

Q1
 RELOCATE AHEAD OF DETOUR POINT UPON CLOSING ROAD

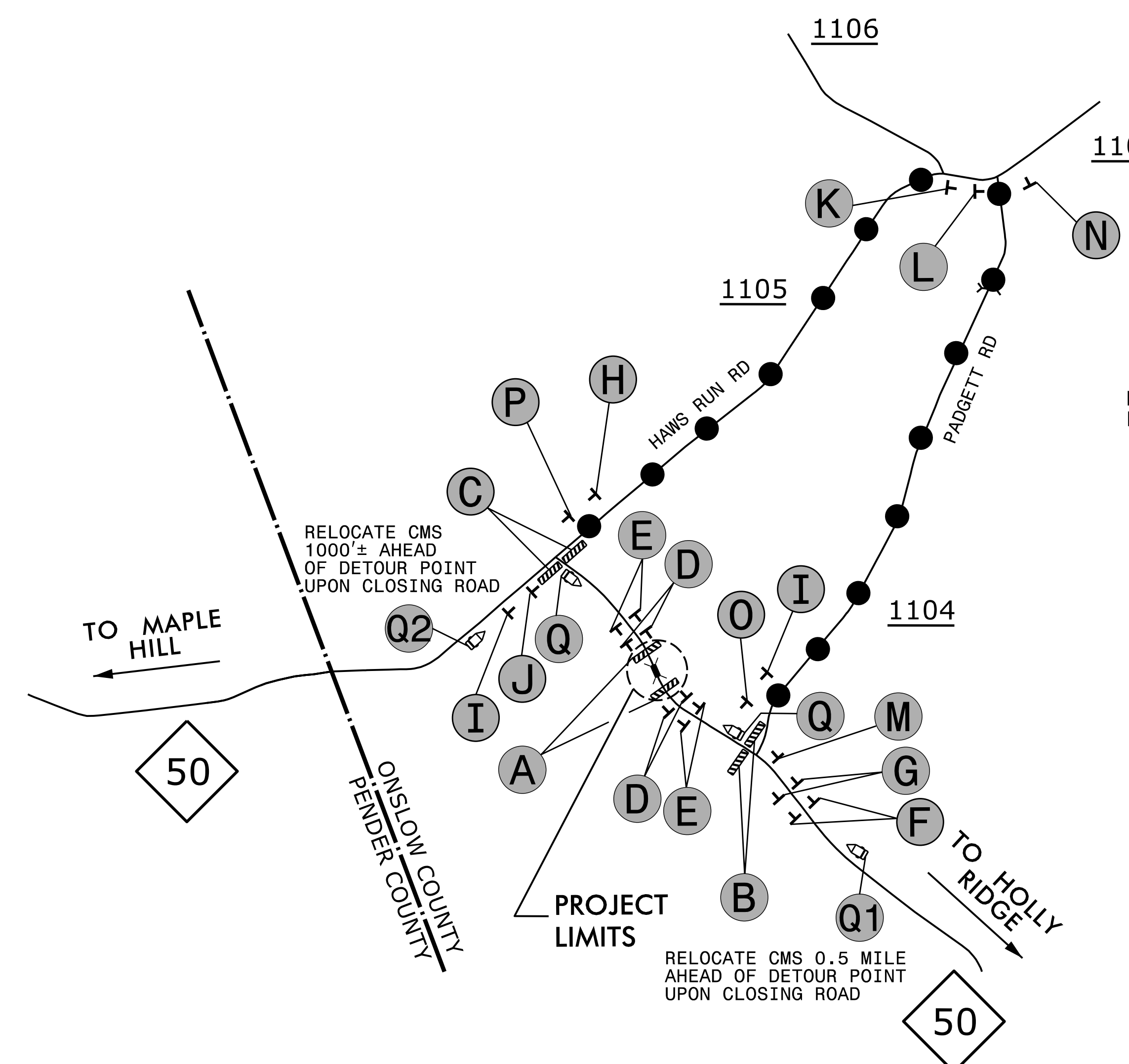
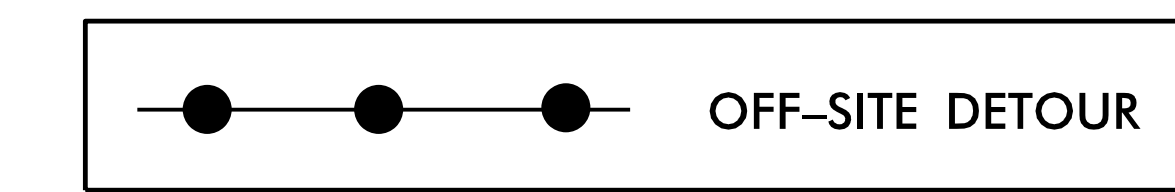
MESSAGES AS SHOWN OR AS DIRECTED BY THE ENGINEER

MESSAGE NO. 1	MESSAGE NO. 2
NC 50 CLOSED NEXT RT	DETOUR STRAIGHT AHEAD

CHANGEABLE MESSAGE SIGN

Q2
 RELOCATE AHEAD OF DETOUR POINT UPON CLOSING ROAD

NOTES:
 - COVER ANY EXISTING CONFLICTING SIGNS DURING ROAD CLOSURE
 - DELINEATE CMS WITH DRUMS



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APPROVED: *Michael T. Rzepka*
 DATE: 2/3/2020

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

DETOUR FOR NC 50 ROAD CLOSURE OVER SANDY RUN SWAMP