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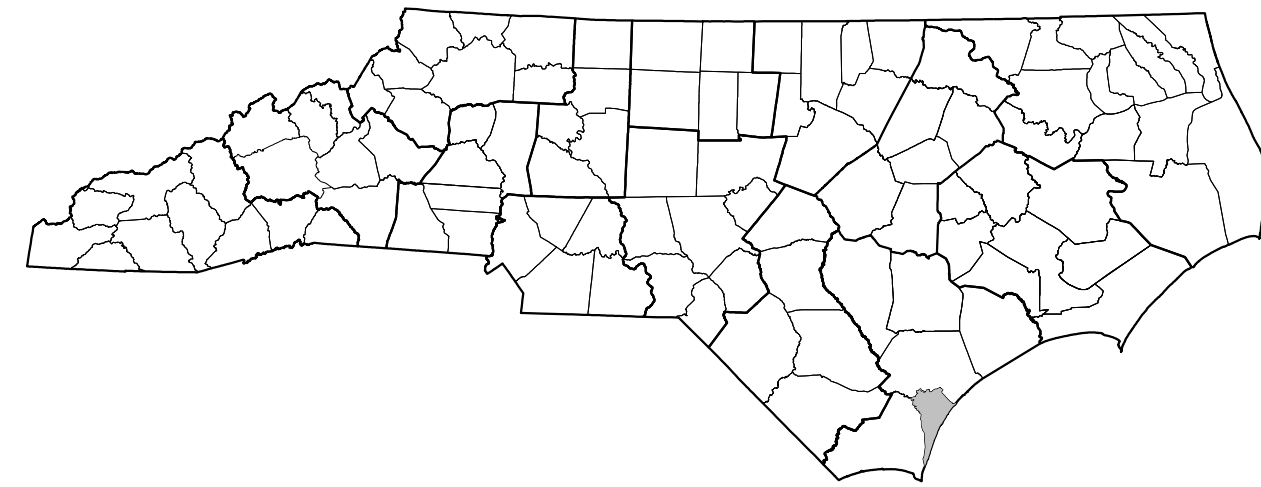
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STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

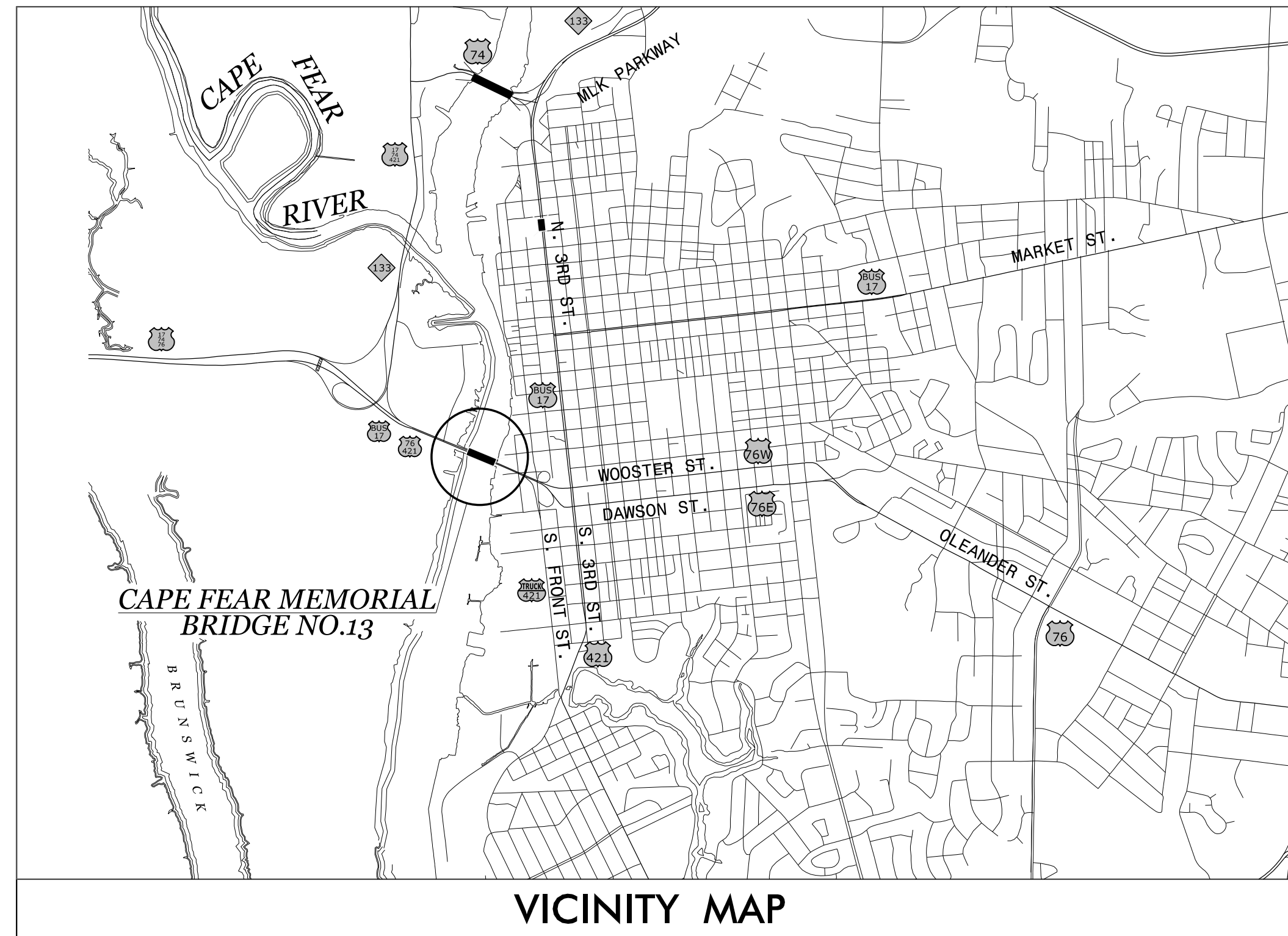
**TRANSPORTATION MANAGEMENT PLAN**

**NEW HANOVER COUNTY**

**DIVISION 3**



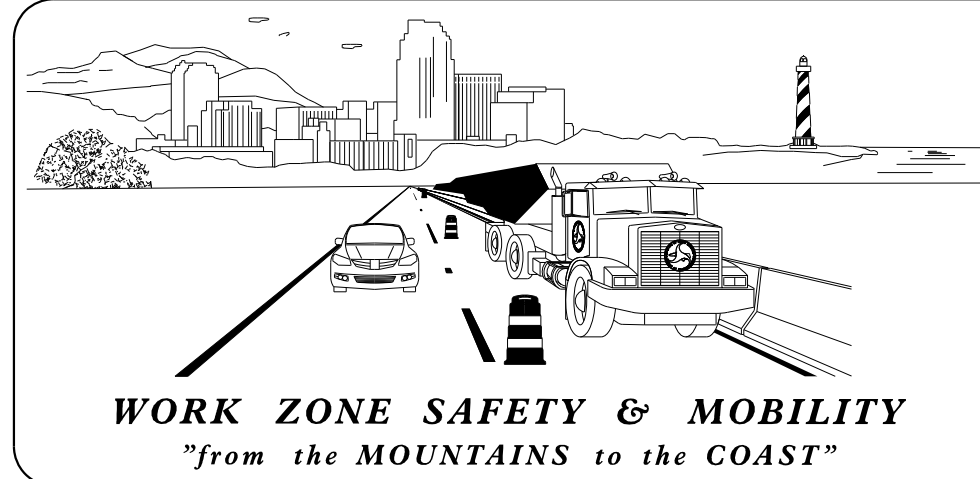
**CAPE FEAR MEMORIAL BRIDGE NO. 13 (US 17/74/76/421)  
OVER CAPE FEAR RIVER IN WILMINGTON**



**INDEX OF SHEETS**

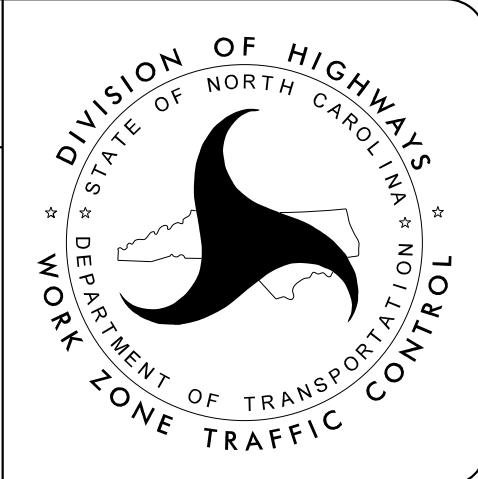
SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-2	GENERAL NOTES
TMP-3	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4	INBOUND ROAD CLOSURE OFF-SITE DETOUR
TMP-5	INBOUND ROAD CLOSURE DETAIL
TMP-6	OUTBOUND ROAD CLOSURE OFF-SITE DETOUR
TMP-7	OUTBOUND ROAD CLOSURE DETAIL
TMP-8	OUTBOUND LANE CLOSURE DETAIL
TMP-9	INBOUND AND OUTBOUND OFF-SITE DETOUR SIGNS
TMP-10	WORK ZONE ADVANCE WARNING SIGNS

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ANDREW N. GOOD TRAFFIC TECHNICIAN

1/12/2018

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**PROJECT: 15BPR.15**

# ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.06	WARNING SIGNS FOR BLASTING ZONES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY - DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.12	PAVEMENT MARKINGS - BRIDGES
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

## LEGEND

### GENERAL

- DIRECTION OF TRAFFIC FLOW
- EXIST. PVMT.
- PROPOSED PVMT.
- NORTH ARROW
- TEMP. SHORING (LOCATION PURPOSES ONLY)
- WORK AREA
- PREVIOUSLY STARTED / CONCURRENT CONSTRUCTION
- PAVEMENT REMOVAL
- TEMPORARY PAVEMENT
- TEMPORARY PAVEMENT ASPHALT PAD
- TEMPORARY PAVEMENT BREAKDOWN LANE

### PAVEMENT MARKINGS

- |  |                     |
|--|---------------------|
|  | EXISTING LINES      |
|  | TEMPORARY MARKINGS  |
|  | PREVIOUSLY PLACED   |
|  |                     |
|  | WHITE EDGE LINE     |
|  | YELLOW EDGE LINE    |
|  | BROKEN LANE LINES   |
|  | MINISKIP LANE LINES |
|  | DOUBLE YELLOW LINES |
|  | GORELINE            |
|  | STOP BAR            |

### PAVEMENT MARKING SYMBOLS

- EXISTING PAVEMENT MARKING SYMBOLS (HOLLOW)
- TEMPORARY SYMBOLS
- PREVIOUSLY PLACED
- PAVEMENT MARKING SYMBOLS
- ONLY
- ONLY
- PAVEMENT MARKING ALPHANUMERIC CHARACTERS

### TRAFFIC CONTROL DEVICES

- | TEMPORARY DEVICES | PREVIOUSLY PLACED |                                   |
|-------------------|-------------------|-----------------------------------|
|                   |                   | BARRICADE (TYPE III)              |
|                   |                   | CONE                              |
|                   |                   | DRUM                              |
|                   |                   | FLASHING ARROW BOARD              |
|                   |                   | FLAGGER                           |
|                   |                   | LAW ENFORCEMENT                   |
|                   |                   | TRUCK MOUNTED ATTENUATOR (TMA)    |
|                   |                   | CHANGEABLE MESSAGE SIGN           |
|                   |                   | TEMPORARY CRASH CUSHION           |
|                   |                   | TEMPORARY CRASH CUSHION RESET     |
|                   |                   | PORTABLE CONCRETE BARRIER         |
|                   |                   | PORTABLE CONCRETE BARRIER (RESET) |
|                   |                   | ANCHORED CONCRETE BARRIER         |
|                   |                   | ANCHORED CONCRETE BARRIER (RESET) |

### SIGNALS

- |  |          |  |          |  |           |
|--|----------|--|----------|--|-----------|
|  | EXISTING |  | PROPOSED |  | TEMPORARY |
|--|----------|--|----------|--|-----------|

### TEMPORARY SIGNING

- | TEMPORARY SIGNS | PREVIOUSLY PLACED |                             |
|-----------------|-------------------|-----------------------------|
|                 |                   | PORTABLE SIGN               |
|                 |                   | STATIONARY SIGN             |
|                 |                   | STATIONARY OR PORTABLE SIGN |

### PAVEMENT MARKERS

- CRYSTAL/CRYSTAL |
- CRYSTAL/RED |
- YELLOW/YELLOW |

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ROADWAY STANDARD  
DRAWINGS,  
AND LEGEND

# 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.

**TIME RESTRICTIONS**

A) DO NOT CLOSE OR NARROW TRAVEL LANES ON ANY ROADWAY AS FOLLOWS:

ROAD NAME  
ANY ROAD

**DAY AND TIME RESTRICTIONS**

AFTER WEEK OF LABOR DAY UNTIL EASTER  
5:00 A.M. - 9:00 A.M. DAILY MONDAY THROUGH FRIDAY  
3:00 P.M. - 7:00 P.M. DAILY MONDAY THROUGH FRIDAY  
5:00 A.M. - 7:00 P.M. SATURDAY AND SUNDAY

EASTER TO WEEK OF LABOR DAY  
5:00 A.M. - 7:00 P.M. MONDAY THROUGH SUNDAY

B) DO NOT CLOSE OR NARROW TRAVEL LANES DURING HOLIDAYS AND SPECIAL EVENTS AS FOLLOWS:

ROAD NAME  
ANY ROAD

**HOLIDAY**

1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 5:00 A.M. DECEMBER 31st TO 7:00 P.M. JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 7:00 P.M. THE FOLLOWING TUESDAY.
3. FOR EASTER, BETWEEN THE HOURS OF 5:00 A.M. THURSDAY AND 7:00 P.M. MONDAY.
4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 5:00 A.M. FRIDAY TO 7:00 P.M. TUESDAY.
5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 5:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE DAY AFTER INDEPENDENCE DAY.  
  
IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 5:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
6. FOR LABOR DAY, BETWEEN THE HOURS OF 5:00 A.M. FRIDAY AND 7:00 P.M. TUESDAY.
7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 5:00 A.M. TUESDAY TO 7:00 P.M. MONDAY.
8. FOR CHRISTMAS, BETWEEN THE HOURS OF 5:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
9. FOR THE AZALEA FESTIVAL EVENT, BETWEEN THE HOURS OF 5:00 A.M. THE TUESDAY BEFORE THE WEEKEND OF THE AZALEA FESTIVAL TO 7:00 P.M. MONDAY AFTER THE WEEKEND OF THE AZALEA FESTIVAL.
10. FOR THE RIVERFEST EVENT, BETWEEN THE HOURS OF 5:00 A.M. THE FRIDAY BEFORE THE WEEKEND OF THE RIVERFEST TO 7:00 P.M. THE MONDAY AFTER THE WEEKEND OF THE RIVERFEST.

C) DO NOT CLOSE ANY ROAD AS FOLLOWS:

AFTER THE WEEK OF LABOR DAY UNTIL EASTER  
MONDAY THROUGH THURSDAY 5:00 A.M.-9:00 P.M.  
FRIDAY 5:00 AM THROUGH SUNDAY 9:00 PM

EASTER TO THE WEEK OF LABOR DAY  
NO ROAD CLOSURES ALLOWED

D) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION & OPERATION
ANY ROAD	5 A.M.- 7 P.M. MON.- SUN.	15 MINUTES FOR LIFTING OR WORKING ON UNSECURED EQUIP.; TRAFFIC SHIFTS

AFTER 15 MINUTES, CONTRACTOR SHALL ALLOW THE QUEUE TO CLEAR PRIOR TO ANOTHER 15 MINUTE CLOSURE.

**LANE AND SHOULDER CLOSURE REQUIREMENTS**

- E) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- H) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

I) ALL TRAFFIC CONTROL DEVICES MUST BE REMOVED FROM THE LIFT SPAN PRIOR TO A LIFT/LOWERING (OPENING/CLOSING) OF THE LIFT SPAN.

**TRAFFIC PATTERN ALTERATIONS**

J) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.


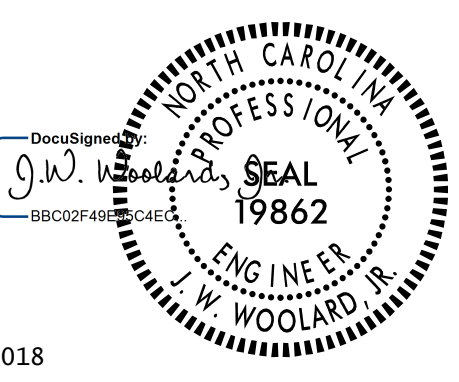
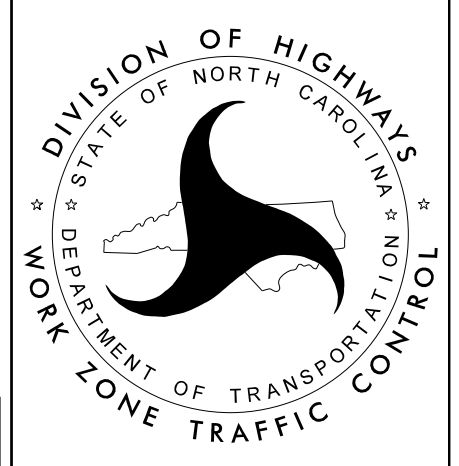
**SIGNING**

- K) INSTALL WORK ZONE ADVANCE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- L) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.  
AND  
PROVIDE SIGNING REQUIRED FOR THE OFFSITE DETOUR ROUTES AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- M) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.  
AND  
COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFFSITE DETOURS WHEN THE DETOUR IS NOT IN OPERATION, UNLESS OTHERWISE ALLOWED BY THE ENGINEER.
- N) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

**MISCELLANEOUS**

- O) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- P) ALL DIMENSIONS AND STATIONS IN THE TRAFFIC CONTROL PLAN AND PHASING ARE APPROXIMATE; FIELD ADJUST AS NECESSARY OR AS DIRECTED BY THE ENGINEER.
- Q) THE CONTRACTOR IS TO FURNISH, INSTALL, MAINTAIN, RELOCATE AND REMOVE CHANGEABLE MESSAGE SIGNS DURING VARIOUS STAGES OF CONSTRUCTION AT THE DISCRETION OF THE ENGINEER TO ADEQUATELY INFORM MOTORISTS OF CHANGING WORK ZONE CONDITIONS.
- R) PLACE ALL CHANGEABLE MESSAGE SIGNS AS NEEDED IN THE LOCATIONS AND WITH THE WORD MESSAGES AS SHOWN IN THE TCP OR AS DIRECTED BY THE ENGINEER TO PROVIDE ADVANCE WARNING TO THE PUBLIC DURING CONSTRUCTION.
- S) ENSURE THE OVERSIZE/OVERWEIGHT PERMIT UNIT (888) 221-8166 OR (919) 814-3700 HAS BEEN ADVISED OF THE ONGOING TRAFFIC OPERATIONS THROUGH THE DIVISION OFFICE INCLUDING THE FOLLOWING AREAS OF CONCERN:
  - A. LANE CLOSURE RESTRICTIONS.
  - B. DETOURS OFFSITE AND ONSITE.
  - C. AREAS OF CONSTRICTED HORIZONTAL CLEARANCES (NARROW LANES OR LANES BORDERED ALONG THE OUTSIDE WITH EITHER PCB OR GUARDRAIL).
  - T) CONTRACTOR SHALL COORDINATE WITH THE CONTRACTOR OF THE RESURFACING PROJECT ON US 76 ON THE BRUNSWICK COUNTY SIDE OF THE BRIDGE.

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## TRAFFIC CONTROL PHASING

PERFORM ALL BRIDGE REHABILITATION OPERATIONS IN THE PHASING USING LANE CLOSURES OR ROAD CLOSURES AS OUTLINED BELOW (REFER TO GENERAL NOTES FOR TIME AND HOLIDAY RESTRICTIONS):

### LANE CLOSURES

- INBOUND TO DOWNTOWN WILMINGTON USE ROADWAY STD. DRAWING 1101.02, SHEET 3 OF 14 FOR LANE CLOSURES.
- OUTBOUND FROM DOWNTOWN WILMINGTON USE SHEET TMP-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

- INBOUND TO DOWNTOWN WILMINGTON CLOSE BRIDGE NO.13 IN ACCORDANCE WITH SHEET TMP-4 AND TMP-5 IN CONJUNCTION WITH ROADWAY STD. DRAWING 1101.03, SHEET 7 OF 9.
- OUTBOUND FROM DOWNTOWN WILMINGTON CLOSE BRIDGE NO.13 IN ACCORDANCE WITH SHEET TMP-6 AND TMP-7.
- INBOUND AND OUTBOUND ROAD CLOSURES MAY BE IMPLEMENTED AT THE SAME TIME, UNLESS OTHERWISE DIRECTED BY THE ENGINEER.

STEP 1: INSTALL WORK ZONE ADVANCE WARNING SIGNS (SEE TCP-10) ON PROJECT NO MORE THAN THREE (3) CALENDAR DAYS BEFORE BEGINNING WORK.

CREATE A PLAN OF THE EXISTING MARKINGS ON THE BRIDGE THAT SHOWS THE BEGINNING AND ENDING POINT OF EACH MARKING LINE AND HAVE APPROVED BY THE ENGINEER.

NOTE: CONTRACTOR SHALL COMPLETE STEP 2 BY JUNE 22, 2018. (SEE PROJECT SPECIAL PROVISIONS)

STEP 2: USING LANE CLOSURES OR DIRECTIONAL BRIDGE CLOSURES AS DESCRIBED ABOVE, AND AS ALLOWED IN ICT NO. 1 AND ICT. NO. 3, COMPLETE THE FOLLOWING:

- \* PERFORM ALL WORK LISTED IN THE AUXILIARY COUNTERWEIGHT AND SPAN GUIDE REPAIR SPECIAL PROVISION AND AS SHOWN IN THE CONSTRUCTION PLANS (SHEETS MA-01 THROUGH MA-10).


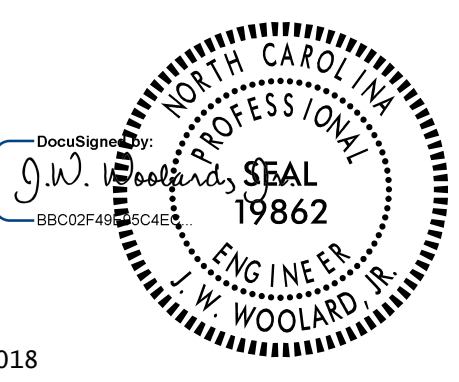
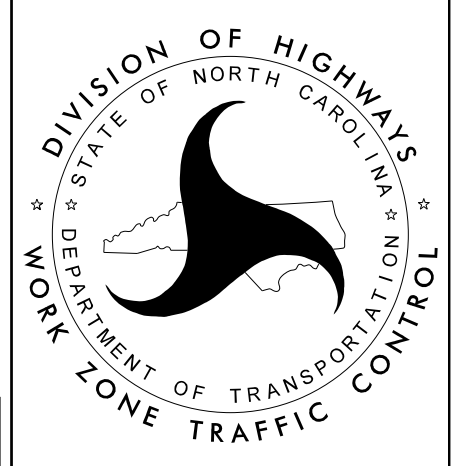
NOTE: BEGINNING SEPTEMBER 10, 2018, THE CONTRACTOR MAY CLOSE THE ENTIRE BRIDGE (BOTH DIRECTIONS) ONE TIME ONLY FOR 14 CONSECUTIVE CALENDAR DAYS TO PERFORM THE WORK LISTED BELOW IN STEP 3. (SEE PROJECT SPECIAL PROVISIONS)

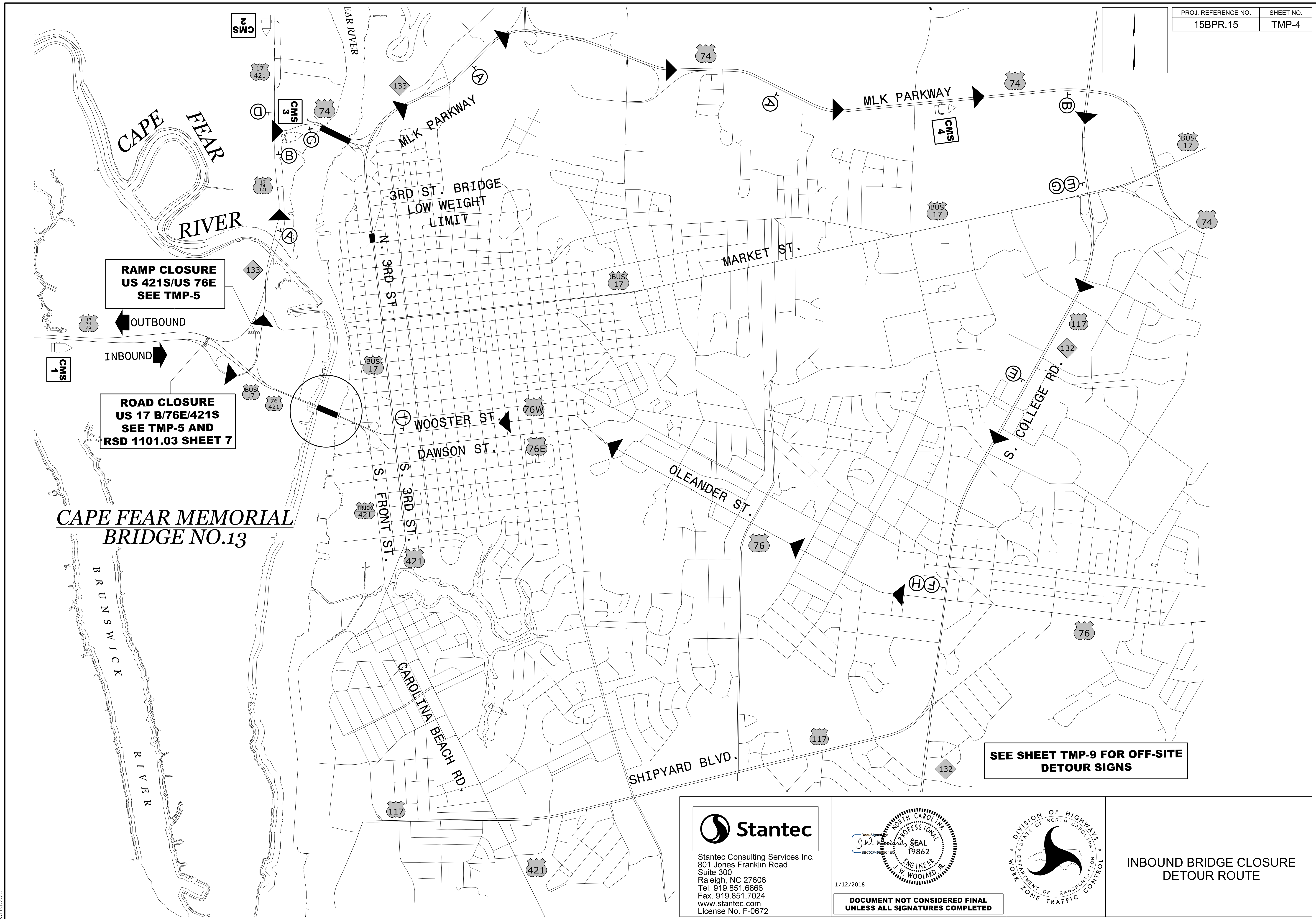
STEP 3: USING LANE CLOSURES OR DIRECTIONAL BRIDGE CLOSURES, AS DESCRIBED ABOVE, COMPLETE THE FOLLOWING REHABILITATION OPERATIONS ON THE BRIDGE:

- \* CLEAN EXISTING PAINT AND PLACE NEW PAINT ON EXISTING APPROACH SPAN STEEL SUPERSTRUCTURE, INCLUDING TOWER SPAN STEEL SUPERSTRUCTURE, AS SHOWN IN THE CONSTRUCTION PLANS.
- \* PERFORM RENOVATIONS TO THE CONTROL HOUSE AS SHOWN IN THE CONSTRUCTION PLANS.
- \* PERFORM MECHANICAL REPAIRS INCLUDING REPLACING CORRODED FASTNERS AT REST PIER MACHINERY AREAS AND LIFTING GIRDERS, REPLACING DAMAGED SHAFT COUPLING SEATS, REPLACING UPPER AIR BUFFERS, AND CLEANING AND LUBRICATING COUNTERWEIGHT CABLES.
- \* REPLACE GRID DECK ON LIFT SPAN AND AT PARKING AREAS ADJACENT TO THE LIFT SPAN.
- \* MILL (SCARIFY) APPROACH AND TOWER SPANS OF BRIDGE AS SHOWN IN THE CONSTRUCTION PLANS.
- \* PERFORM STRUCTURAL REPAIRS AS SHOWN IN THE CONSTRUCTION PLANS.
- \* PLACE PPC OVERLAY ON APPROACH AND TOWER SPANS AS SHOWN IN THE CONSTRUCTION PLANS. PRIOR TO OPENING LANES TO TRAFFIC, PLACE FINAL PAVEMENT MARKINGS AS SHOWN ON SHEET PMP-1 AND THE CONTRACTOR CREATED EXISTING PAVEMENT MARKING LOCATION PLAN.
- \* REPLACE DECK EXPANSION JOINTS ON THE APPROACH SPANS AS SHOWN IN THE CONSTRUCTION PLANS.
- \* REPLACE MEDAIN BARRIER RAILING AS SHOWN IN THE CONSTRUCTION PLANS.

STEP 4: UPON COMPLETION OF ALL REHABILITATION OPERATIONS, REMOVE ALL TRAFFIC CONTROL DEVICES FROM THE PROJECT AND OPEN TO THE FINAL TRAFFIC PATTERN.

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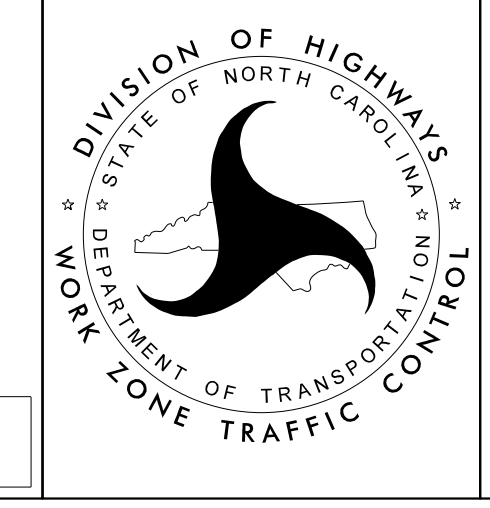
**CAPE FEAR MEMORIAL  
BRIDGE NO.13**

**SEE SHEET TMP-9 FOR OFF-SITE  
DETOUR SIGNS**

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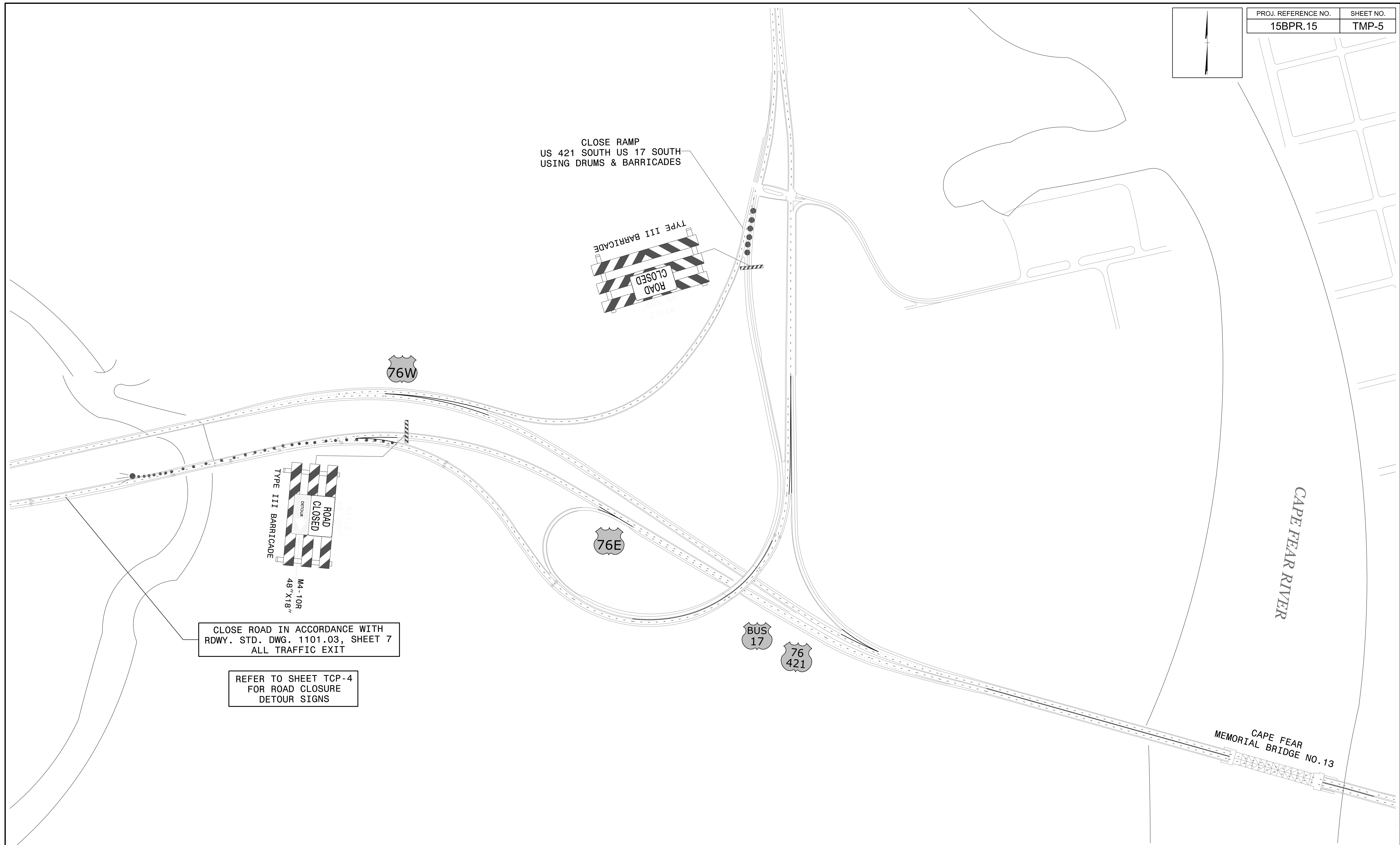
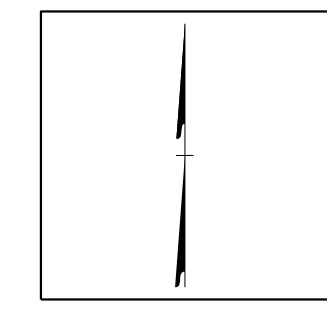
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**INBOUND BRIDGE CLOSURE  
DETOUR ROUTE**

PROJ. REFERENCE NO.	SHEET NO.
15BPR.15	TMP-5

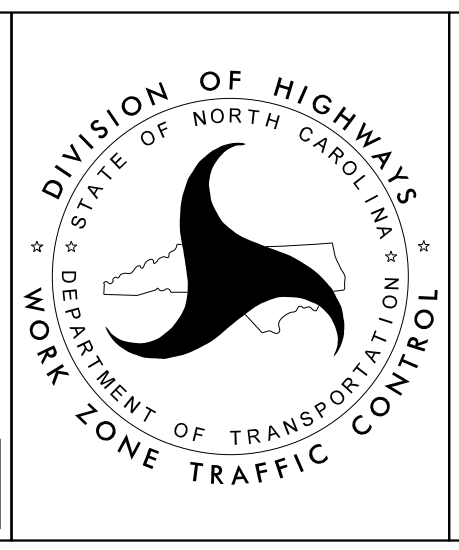


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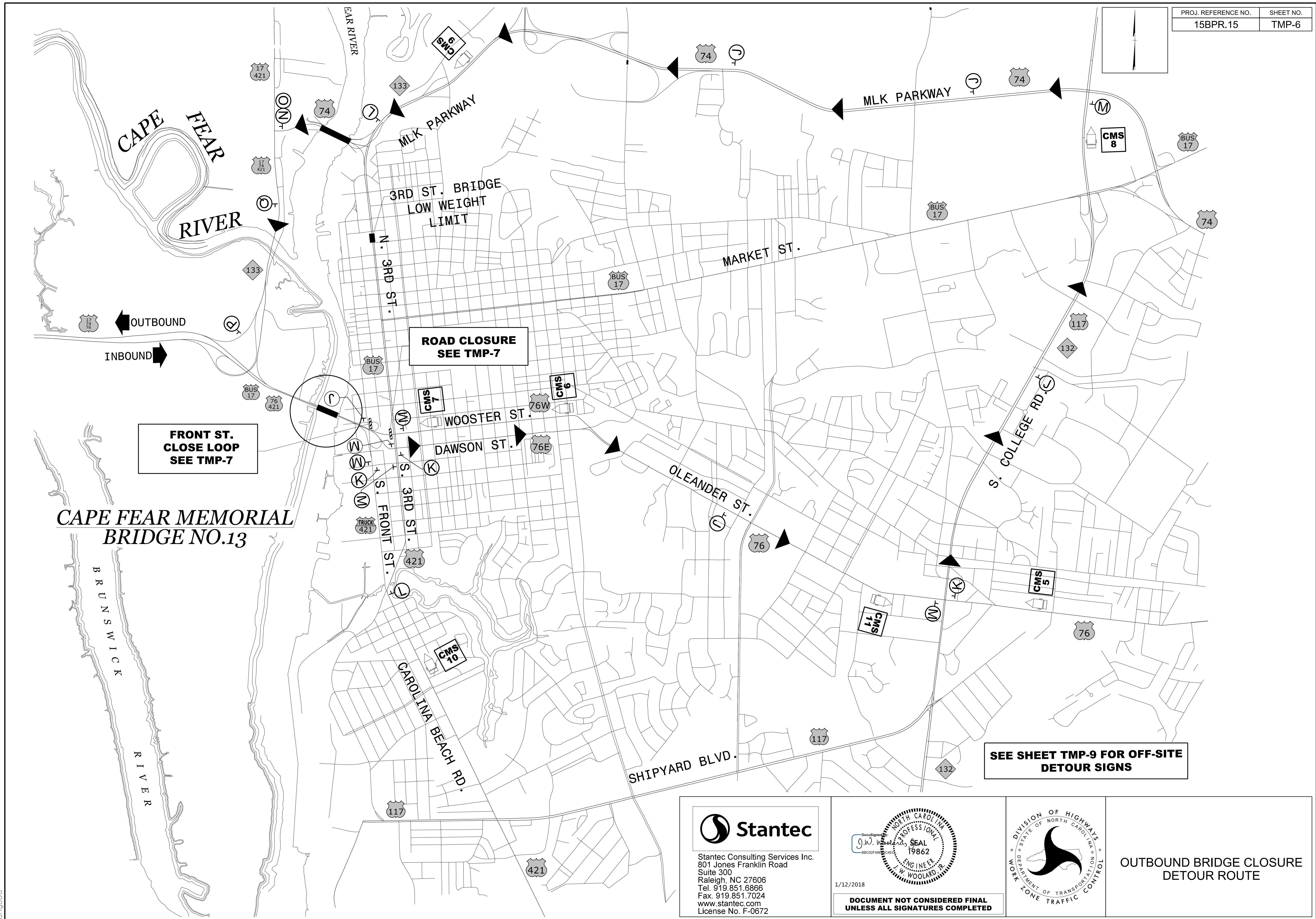
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INBOUND  
US 17 BUS/76 EAST/421 SOUTH  
ROAD CLOSURE DETAIL



**CAPE FEAR MEMORIAL  
BRIDGE NO.13**

CAPE FEAR RIVER  
BRUNSWICK RIVER

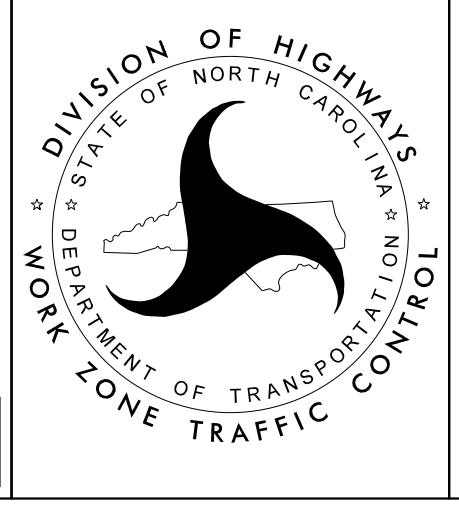
**ROAD CLOSURE  
SEE TMP-7**

**FRONT ST.  
CLOSE LOOP  
SEE TMP-7**

**SEE SHEET TMP-9 FOR OFF-SITE  
DETOUR SIGNS**

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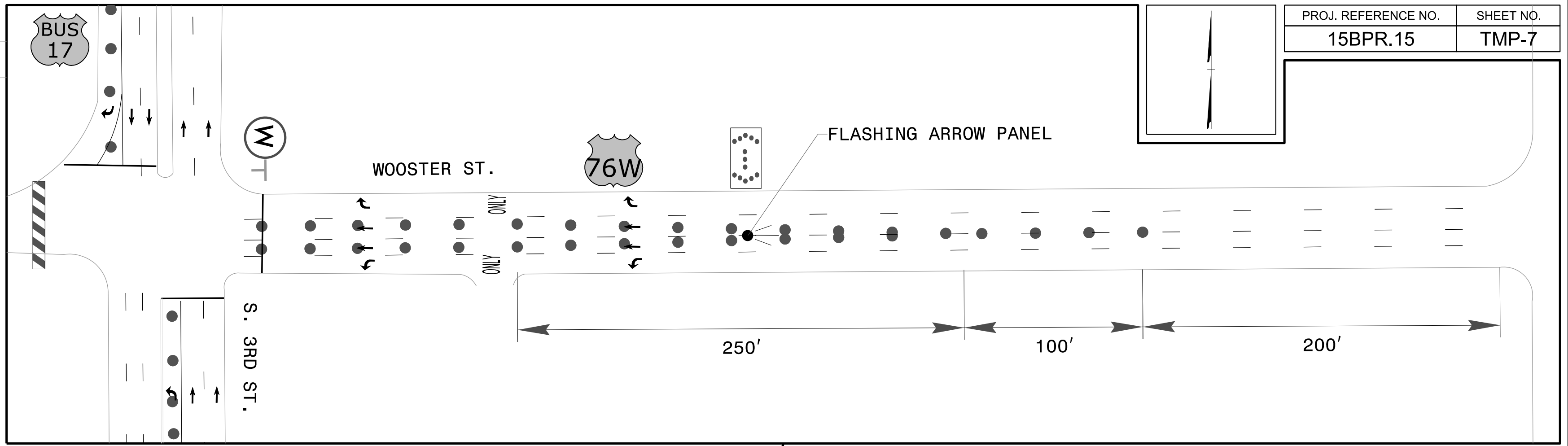
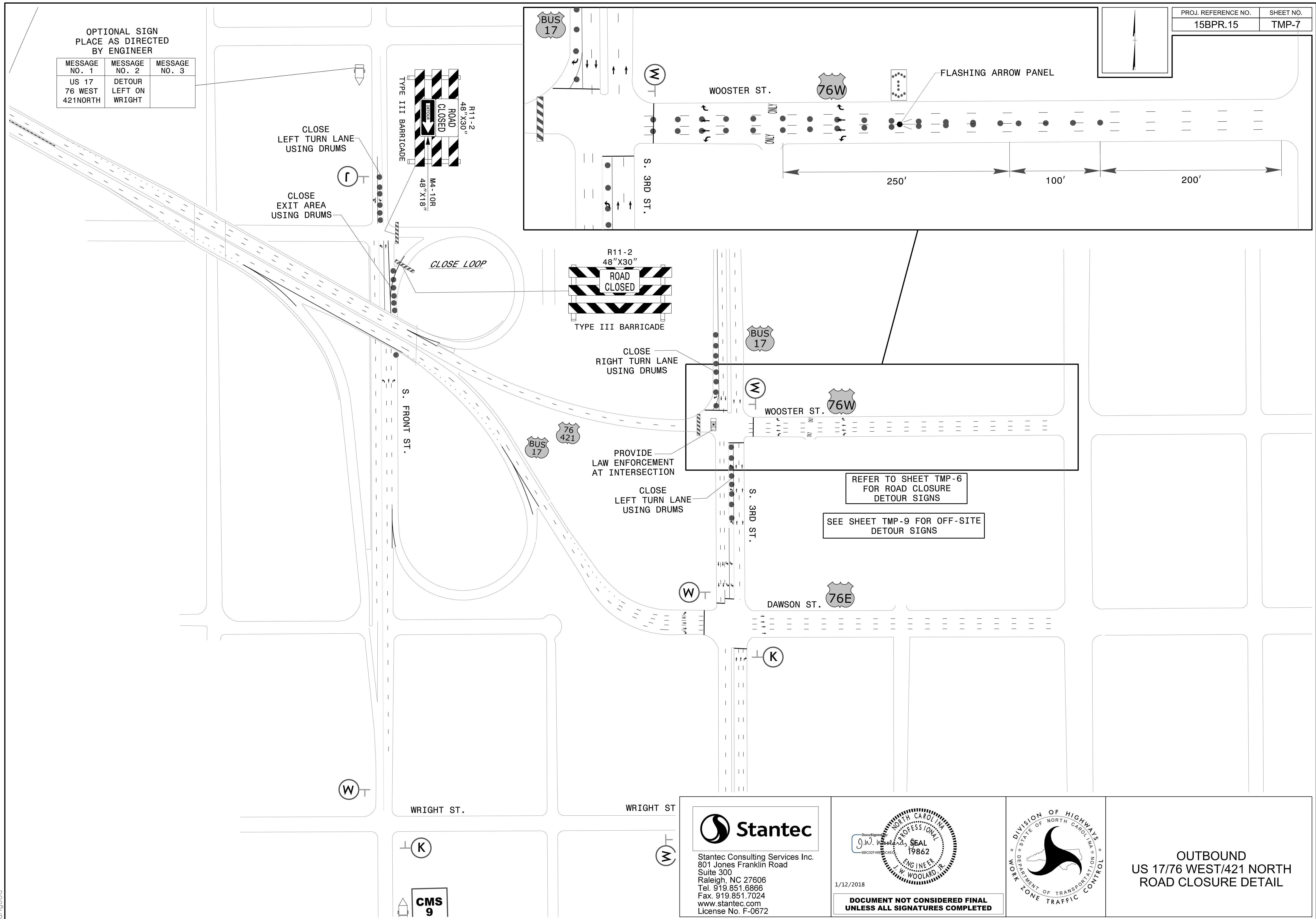
**OUTBOUND BRIDGE CLOSURE  
DETOUR ROUTE**

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OPTIONAL SIGN  
PLACE AS DIRECTED  
BY ENGINEER

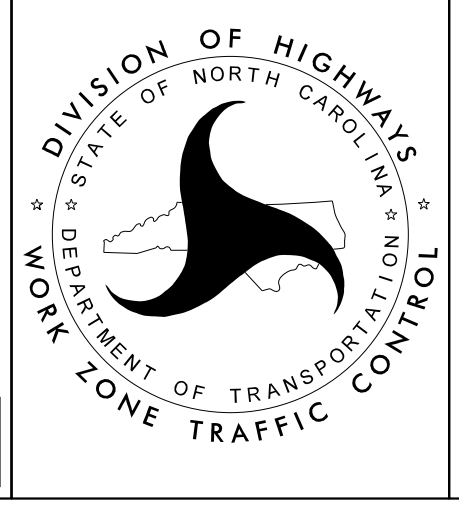
MESSAGE NO. 1	MESSAGE NO. 2	MESSAGE NO. 3
US 17 76 WEST 421NORTH	DETOUR LEFT ON WRIGHT	



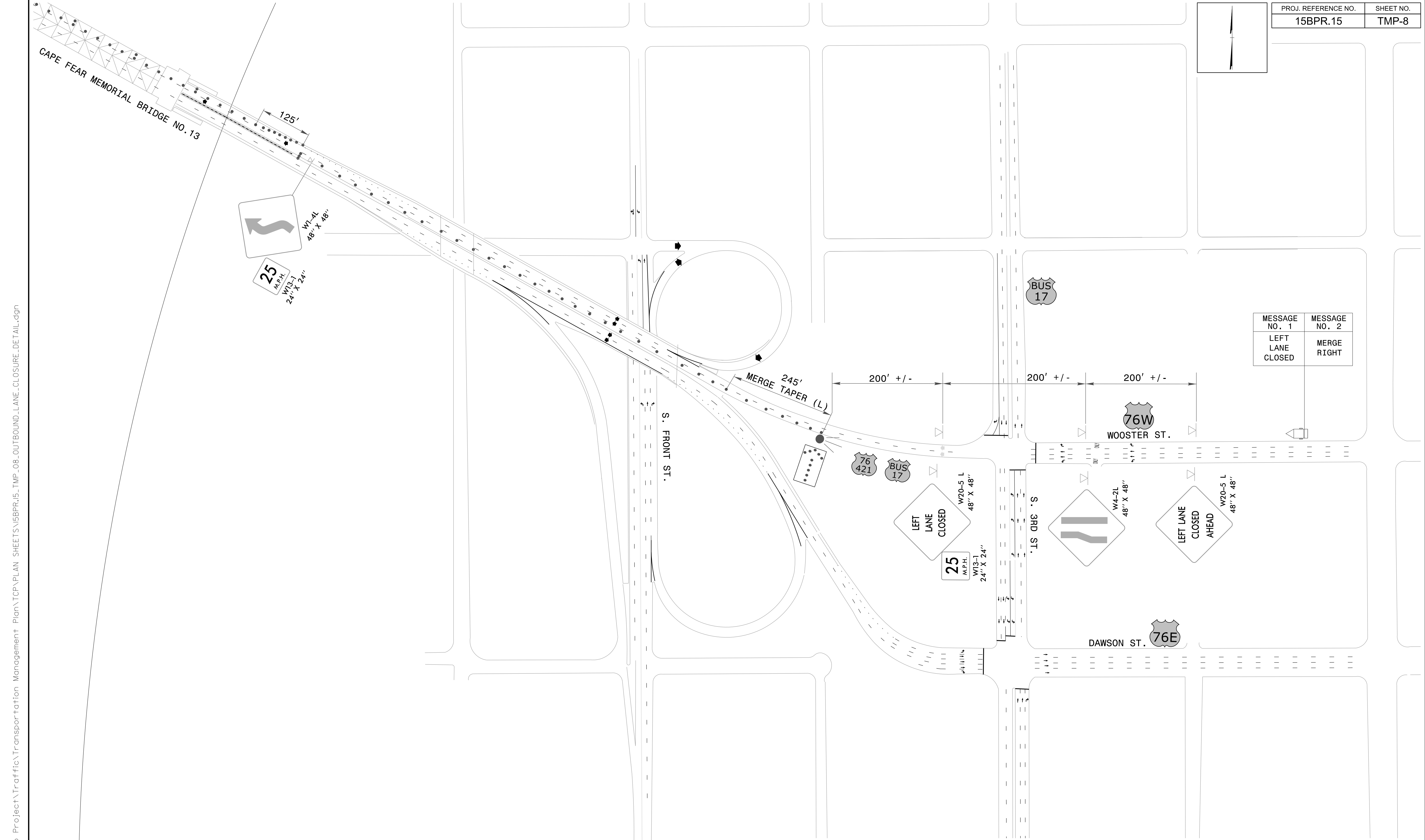
1/12/2018  
 User: Task 300 - 15BPR.15 - Rehab Project Traffic Management Plan TCP PLAN SHEETS \15BPR.15\_TMP\_07\_OUTBOUND\_DETOUR\_DETAIL.dgn  
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**OUTBOUND  
US 17/76 WEST/421 NORTH  
ROAD CLOSURE DETAIL**

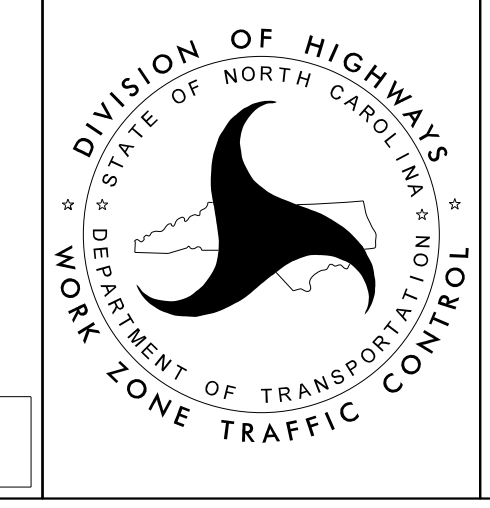


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**OUTBOUND  
LANE CLOSURE DETAIL**

DETOUR SIGNS AND CHANGEABLE MESSAGE SIGN MESSAGES FOR INBOUND BRIDGE CLOSURE

DETOUR SIGNS AND CHANGEABLE MESSAGE SIGN MESSAGES FOR OUTBOUND BRIDGE CLOSURE

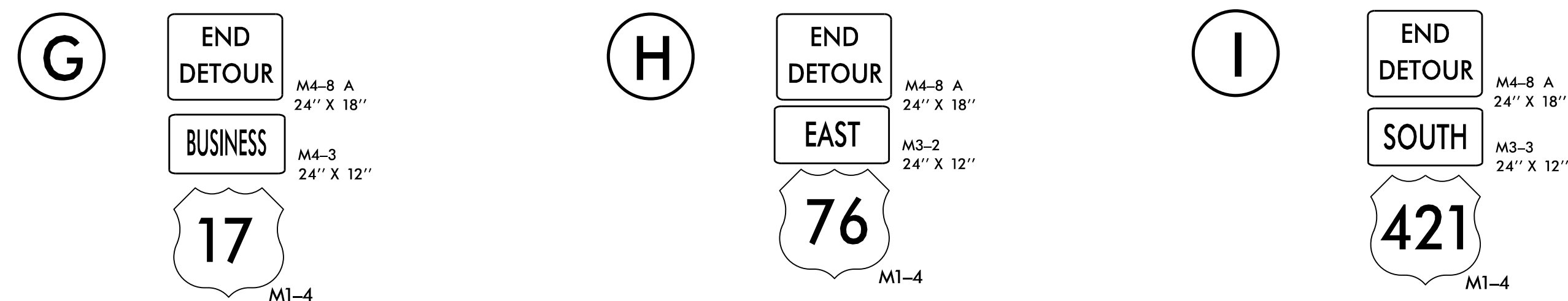
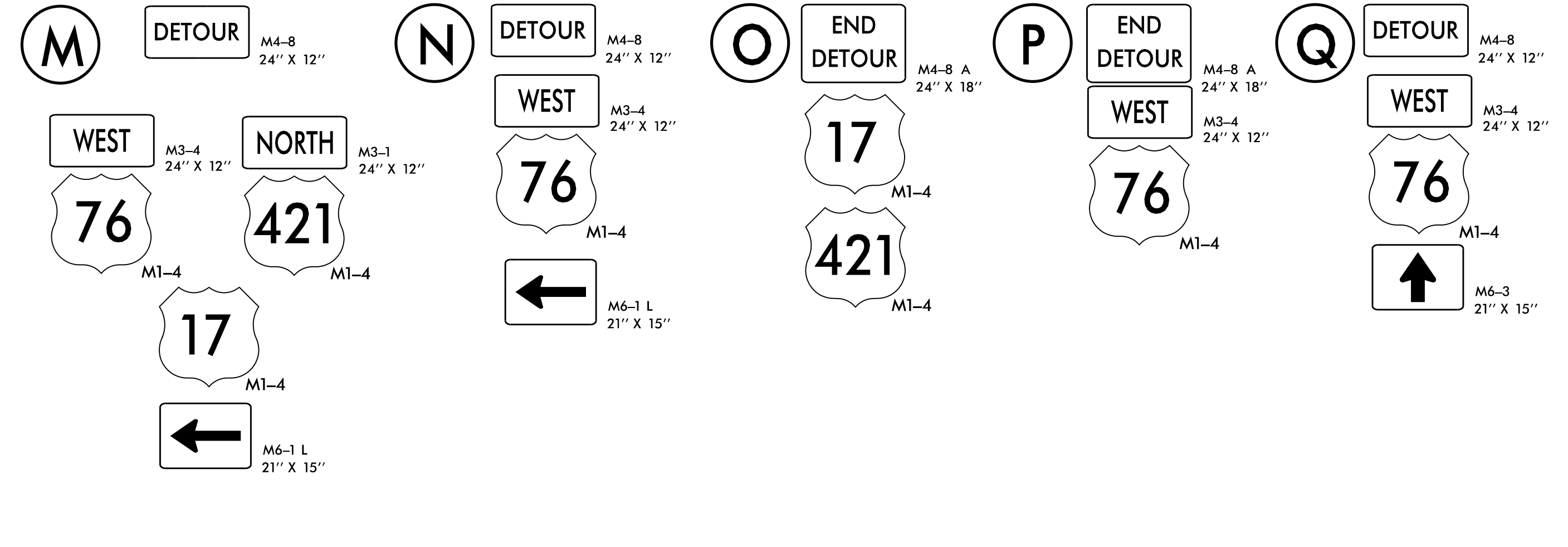
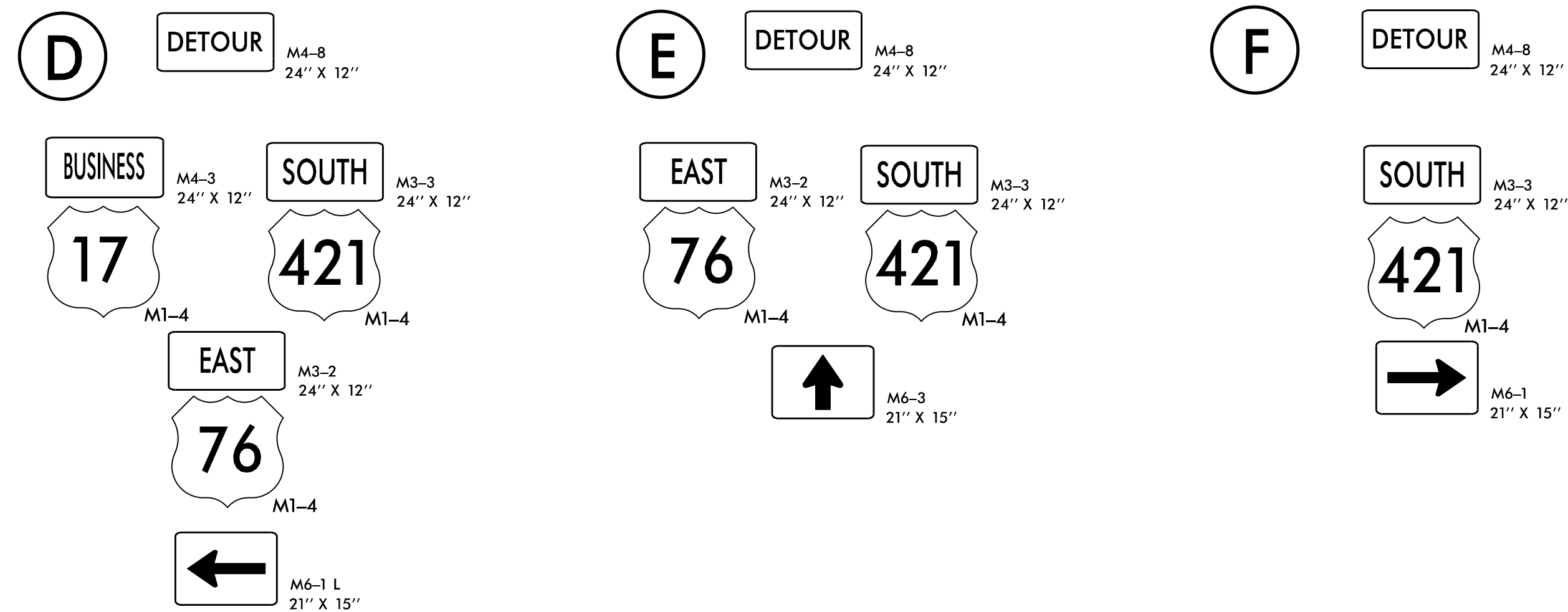
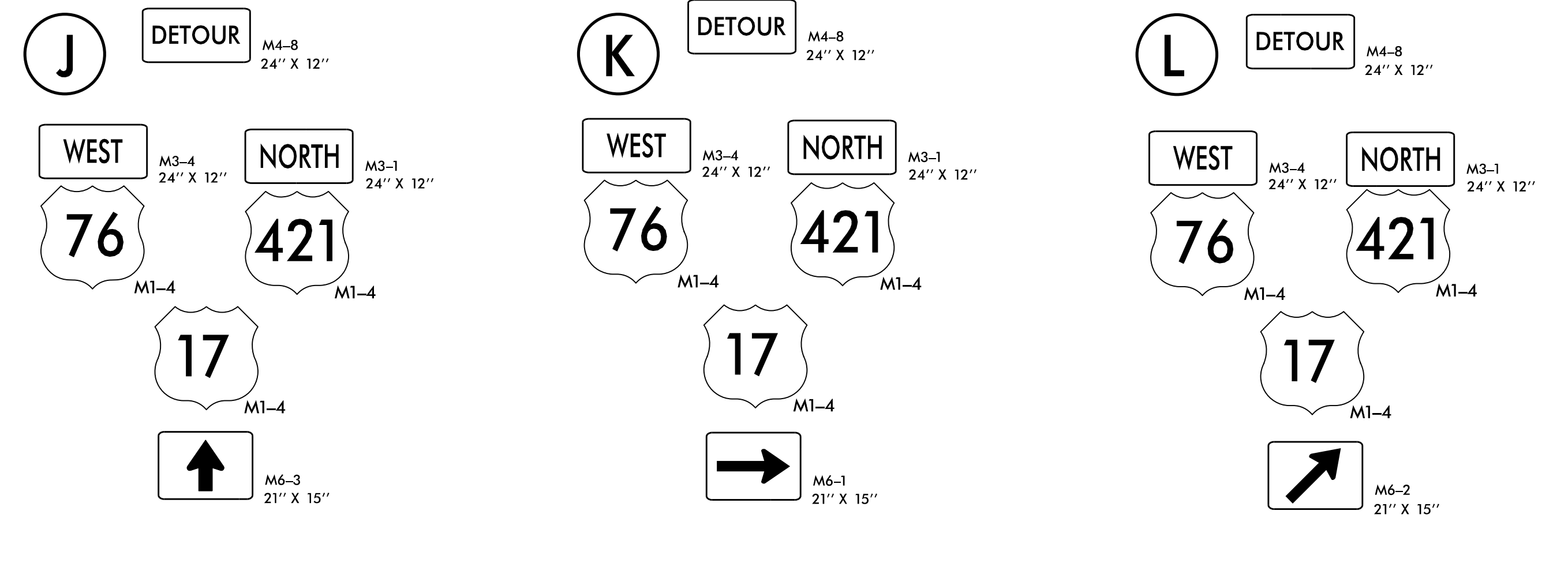
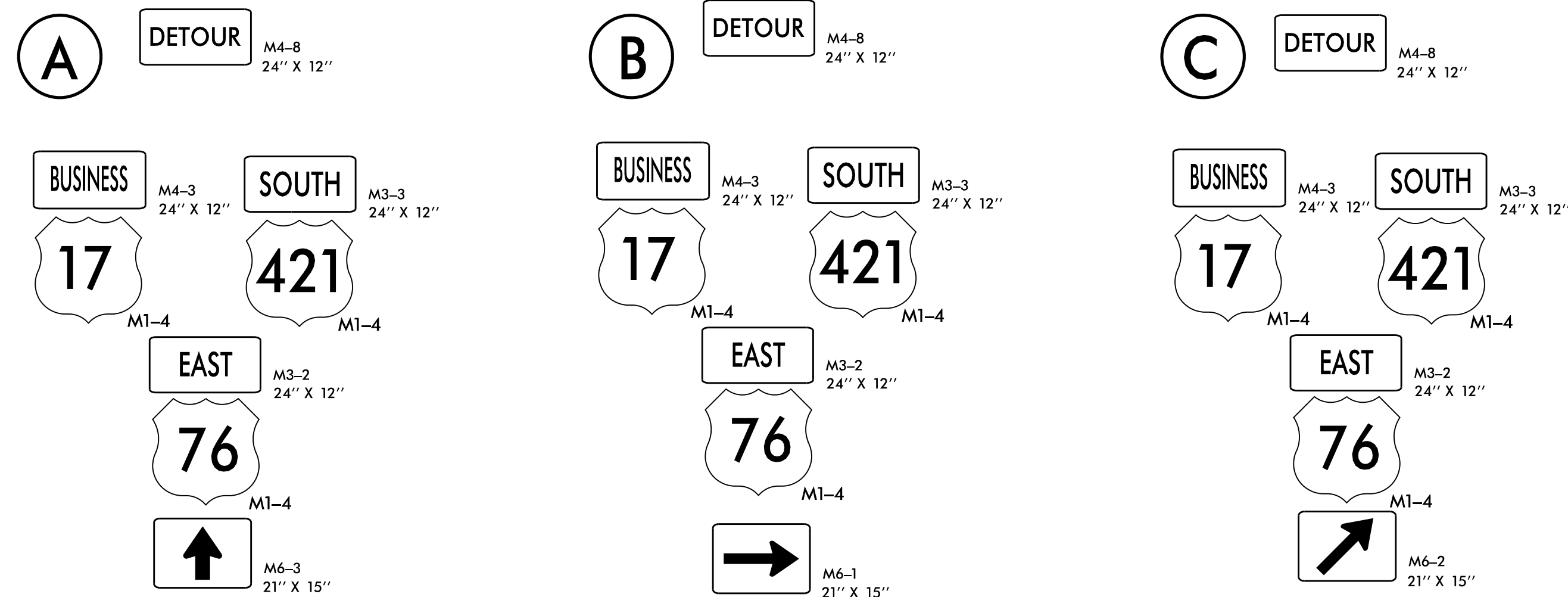


Table with 4 columns (CMS 5, 6, 7, 8) and 3 rows (MESSAGE NO. 1, 2, 3) showing message content for various bridge closure scenarios.

EXAMPLE MESSAGES FOR PERIODS JUST PRIOR TO BRIDGE CLOSURE

Table with 3 columns (MESSAGE NO. 1, 2, 3) showing example messages for periods just prior to bridge closure.

CMS 9

Table with 3 columns (MESSAGE NO. 1, 2, 3) showing CMS 9 message content.

CMS 10

Table with 3 columns (MESSAGE NO. 1, 2, 3) showing CMS 10 message content.

CMS 11

Table with 3 columns (MESSAGE NO. 1, 2, 3) showing CMS 11 message content.

CMS 1

Table with 3 columns (MESSAGE NO. 1, 2, 3) showing CMS 1 message content.

CMS 2

Table with 3 columns (MESSAGE NO. 1, 2, 3) showing CMS 2 message content.

CMS 3

Table with 3 columns (MESSAGE NO. 1, 2, 3) showing CMS 3 message content.

CMS 4

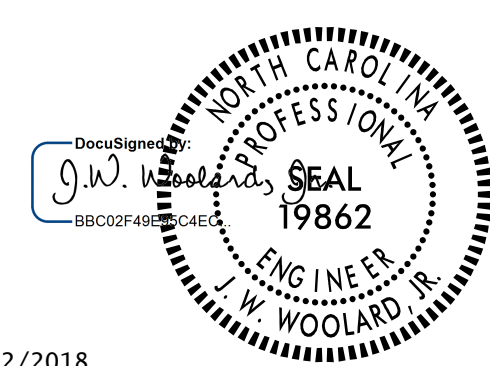
Table with 3 columns (MESSAGE NO. 1, 2, 3) showing CMS 4 message content.

EXAMPLE MESSAGES FOR PERIODS JUST PRIOR TO BRIDGE CLOSURE

Table with 3 columns (MESSAGE NO. 1, 2, 3) showing example messages for periods just prior to bridge closure.

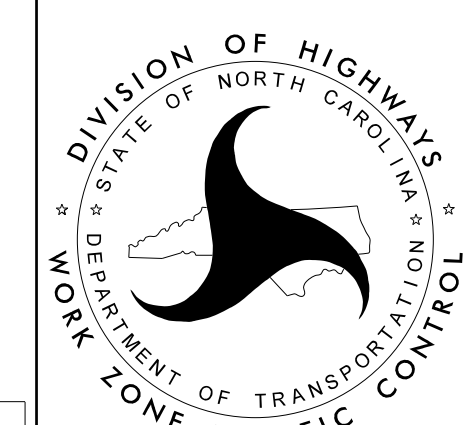


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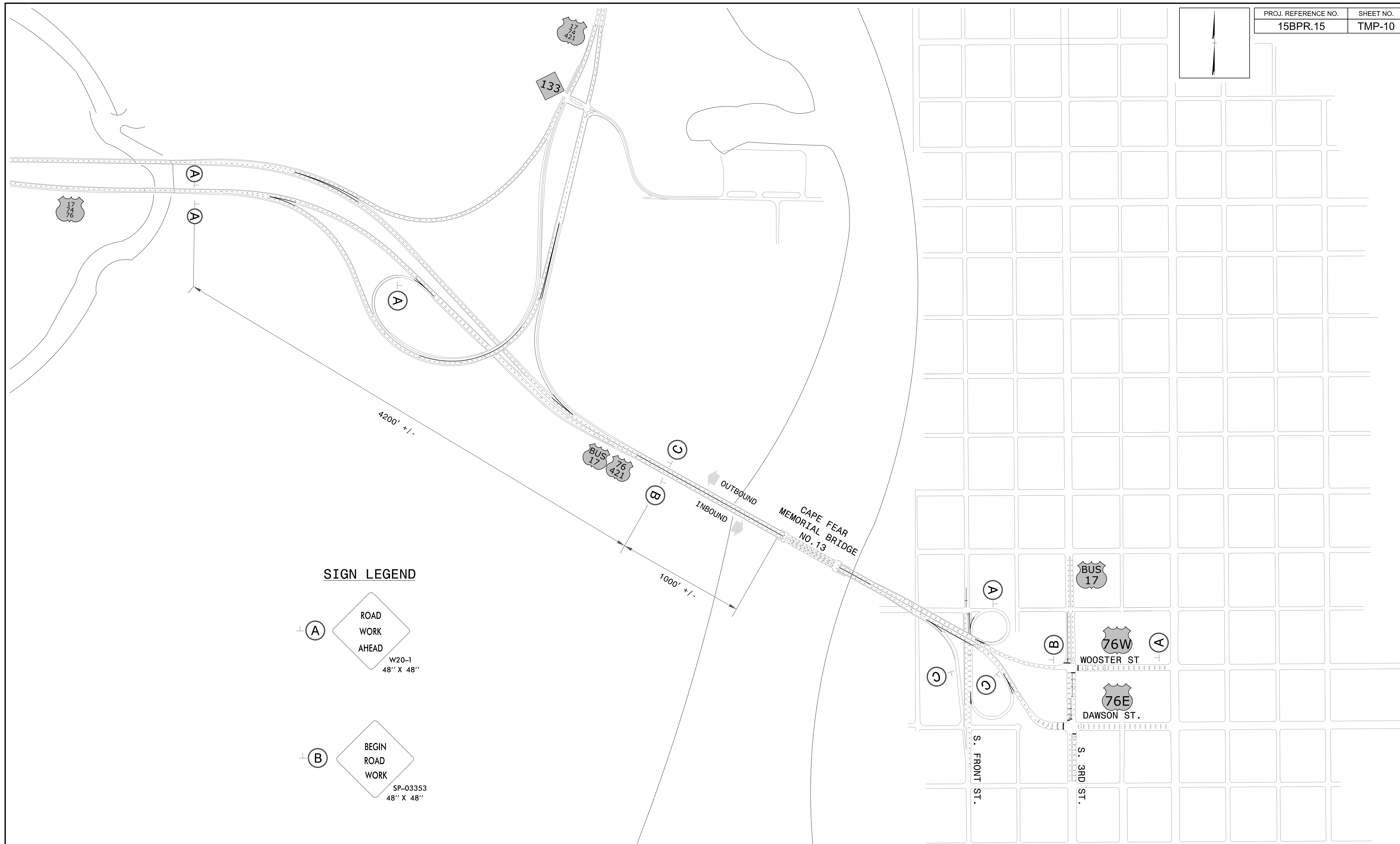
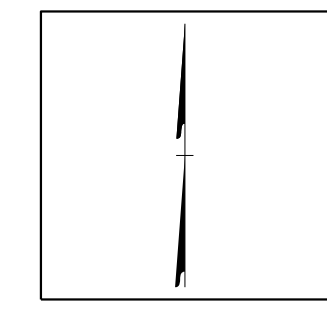


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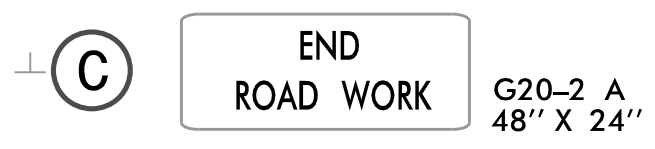
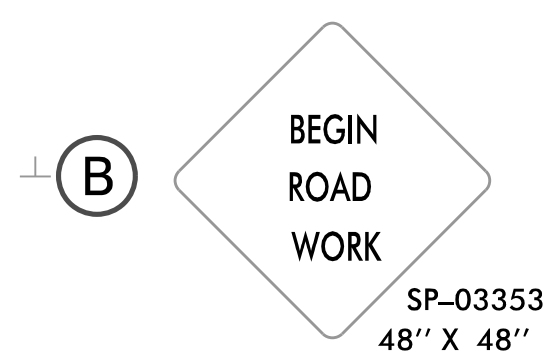
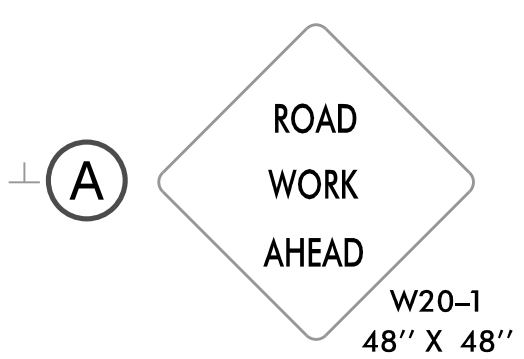
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DETOUR ROUTE SIGNS



**SIGN LEGEND**



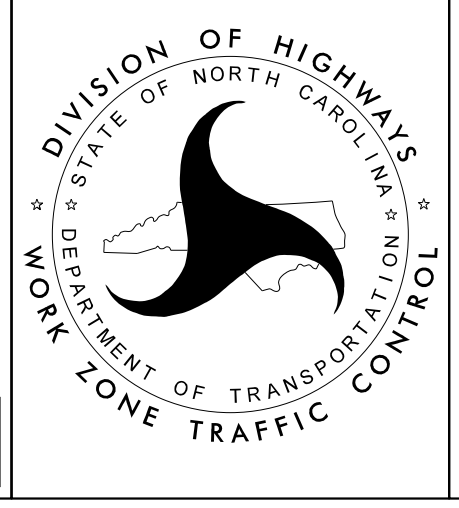
**NOTE: INSTALL SIGNS NO MORE THAN 3 DAYS BEFORE BEGINNING WORK.**

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**WORK ZONE  
ADVANCE WARNING SIGNS**