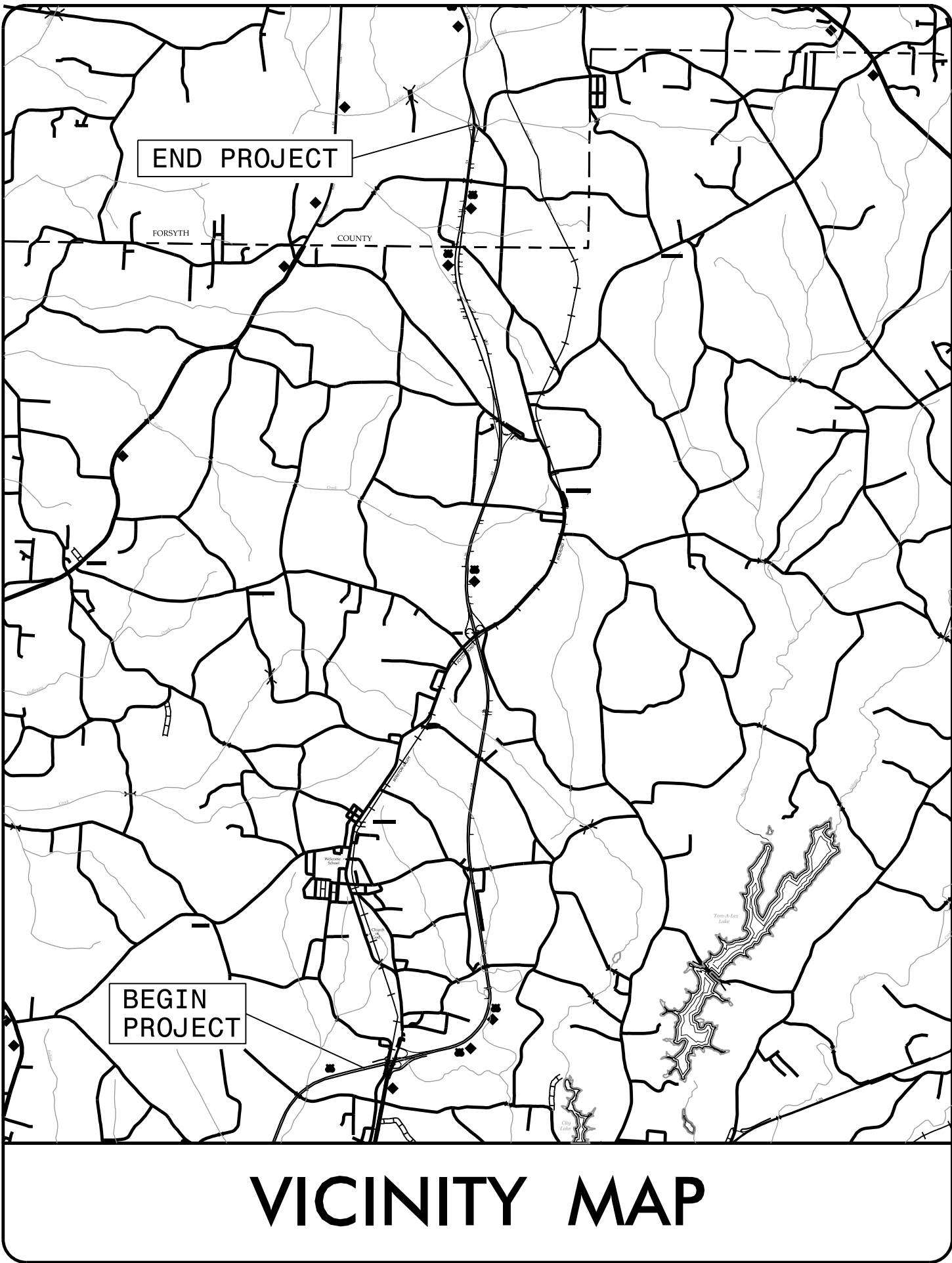
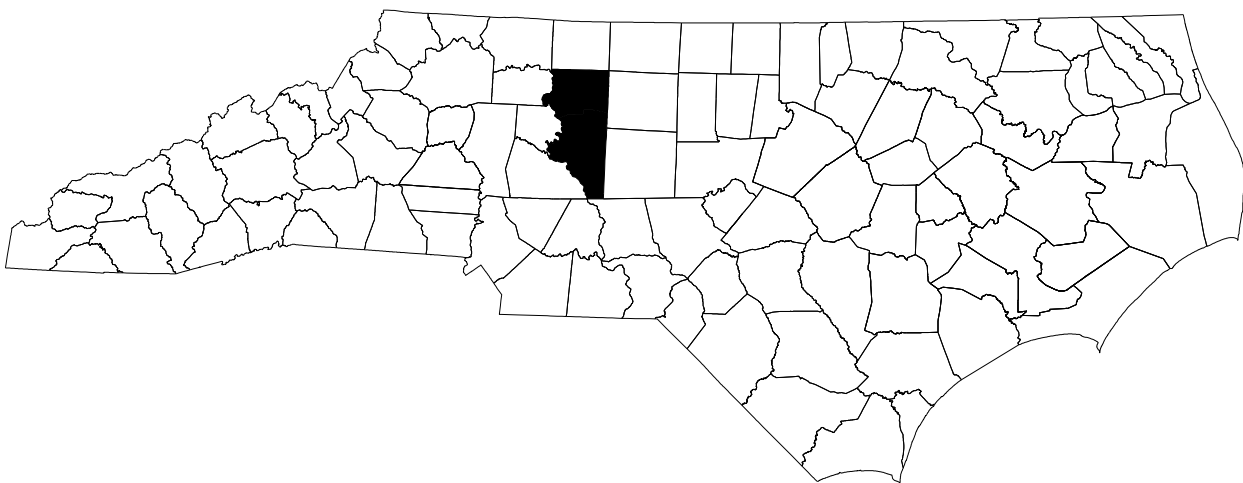
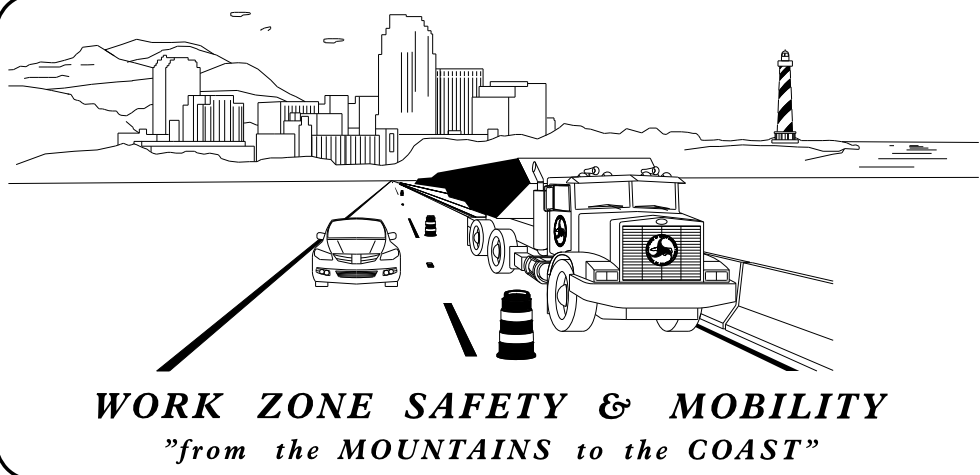


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN
DAVIDSON & FORSYTH COUNTIES



VICINITY MAP



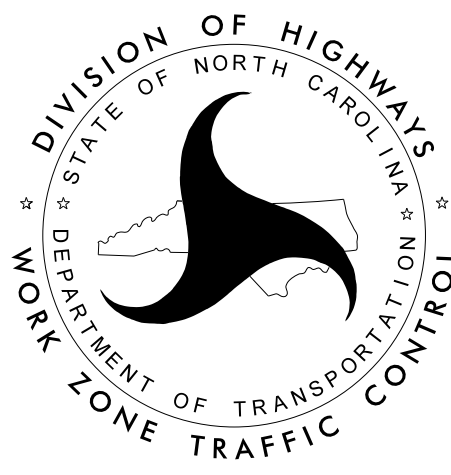
PLANS PREPARED BY:

TODD BROOKS, PE
PROJECT ENGINEER

ABRAHAM WILES
PROJECT DESIGN ENGINEER

NCDOT CONTACTS:

DAN ULRICH, PE, PLS
PROJECT MANAGER



INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	ROADWAY STANDARD DRAWINGS & LEGEND
TMP-1B	TYPICAL SECTIONS FOR LANE CLOSURES ADJACENT TO SLAB REPAIR
TMP-2 THRU TMP-2B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES AND GENERAL NOTES)
TMP-3 THRU TMP-3I	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4 THRU TMP-8	PROJECT OVERVIEW SHEETS
TMP-9 THRU TMP-22A	DETOUR ROUTES
TMP-23	TEMPORARY SIGN DESIGN

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PLAN PREPARED FOR N.C.D.O.T. BY:



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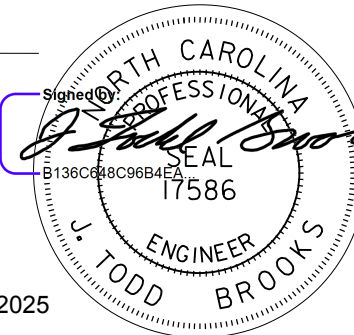
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NC COA No. F-0929

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TIP PROJECT: HI-0005

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ROADWAY STANDARD DRAWINGS



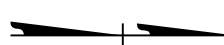


THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
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	DRUM
1135.01	CONES
1145.01	BARRICADES - TYPE III
1165.01	TRUCK MOUNTED ATTENUATOR
1180.01	SKINNY-DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPs
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.12	PAVEMENT MARKINGS - BRIDGES

PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-1A

LEGEND



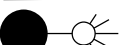




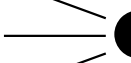



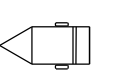
GENERAL

-  DIRECTION OF TRAFFIC FLOW
-  EXIST. PVMT.
-  NORTH ARROW
-  PROPOSED PVMT.
-  WORK AREA




PAVEMENT MARKINGS

-  EXISTING LINES
-  TEMPORARY LINES




TRAFFIC CONTROL DEVICES

-  BARRICADE (TYPE III)
-  CONE
-  DRUM WITH SEQUENTIAL FLASHING WARNING LIGHTS
-  DRUM  SKINNY DRUM  TUBULAR MARKER
-  TEMPORARY CRASH CUSHION
-  FLASHING ARROW BOARD
-  FLAGGER
-  LAW ENFORCEMENT
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

-  PORTABLE SIGN
-  STATIONARY SIGN
-  STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

-  PAVEMENT MARKING SYMBOLS



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WORK ON INSIDE THROUGH LANE

Diagram illustrating a proposed road layout with dimensions and labels:

- SHOULDER** (4' wide)
- 12'** (Travel Lane)
- 12'** (Travel Lane)
- SHOULDER** (10' wide)
- * SKINNY DRUM** (Location of a narrow lane or feature)
- EXISTING YELLOW EDGE LINE** (Left boundary)
- EXISTING WHITE SKIP** (Boundary between lanes)
- EXISTING WHITE EDGE LINE** (Right boundary)

* CONTRACTOR MAY USE SKINNY DRUMS IN THE LONGITUDINAL PORTION OF LANE CLOSURES. USE STANDARD DRUMS IN TAPERS. HOWEVER, DO NOT MIX SKINNY DRUMS WITH STANDARD DRUMS IN EITHER TAPERS OR LONGITUDINAL RUNS OF LANE CLOSURE DEVICES.

WORK ON OUTSIDE THROUGH LANE

Diagram illustrating a proposed lane configuration for a road. The layout includes:

- Shoulders:** 4' on the left and 10' on the right.
- Lanes:** Two 12' lanes.
- Markings:**
 - EXISTING YELLOW EDGE LINE (dashed line)
 - EXISTING WHITE SKIP (solid line)
 - EXISTING WHITE EDGE LINE (solid line)
- Features:**
 - A large black arrow pointing upwards in the first 12' lane.
 - A "SKINNY* DRUM" positioned in the first 12' lane.
- NTS** (Not To Scale) label is present in the bottom left corner.

* CONTRACTOR MAY USE SKINNY DRUMS IN THE LONGITUDINAL PORTION OF LANE CLOSURES. USE STANDARD DRUMS IN TAPERS. HOWEVER, DO NOT MIX SKINNY DRUMS WITH STANDARD DRUMS IN EITHER TAPERS OR LONGITUDINAL RUNS OF LANE CLOSURE DEVICES.

WORK ON OUTSIDE SHOULDER

Diagram illustrating a road cross-section with the following dimensions and features:

- Shoulder:** 4' (left) and 10' (right).
- Lane Widths:** 12' (left lane) and 12' (right lane).
- Markings:**
 - EXISTING YELLOW EDGE LINE (left shoulder)
 - EXISTING WHITE SKIP (between lanes)
 - EXISTING WHITE EDGE LINE (right shoulder)
- Other Features:** A "SKINNY * DRUM" is located in the right lane.

* CONTRACTOR MAY USE SKINNY DRUMS IN THE LONGITUDINAL PORTION OF LANE CLOSURES. USE STANDARD DRUMS IN TAPERS. HOWEVER, DO NOT MIX SKINNY DRUMS WITH STANDARD DRUMS IN EITHER TAPERS OR LONGITUDINAL RUNS OF LANE CLOSURE DEVICES.

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TYPICAL SECTIONS FOR LANE CLOSURES ADJACENT TO SLAB REPAIR



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PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-2

MANAGEMENT STRATEGIES

THE RECOMMENDED MANAGEMENT STRATEGIES RELATIVE TO THIS TMP ARE AS FOLLOWS:

- * SHOULDER CLOSURES
- * SINGLE LANE CLOSURES
- * RAMP/LOOP CLOSURES AND DETOURS
- * LAW ENFORCEMENT
- * CHANGEABLE MESSAGE SIGNS

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 A SINGLE LANE TRAVEL LANE AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
I-285, INCLUDING ANY RAMP AND/OR LOOP	MONDAY THRU FRIDAY 6:00 AM TO 9:00 AM & 3:00 PM TO 6:00 PM

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

ROAD NAME
I-285, INCLUDING ANY RAMP AND/OR LOOP

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 6:00 AM DECEMBER 31ST TO 6:00 PM JANUARY 2ND. IF NEW YEAR'S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 6:00 PM THE FOLLOWING TUESDAY.
3. FOR EASTER, BETWEEN THE HOURS OF 6:00 AM THURSDAY AND 6:00 PM MONDAY.
4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 6:00 AM FRIDAY TO 6:00 PM TUESDAY.
5. FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 6:00 AM THE DAY BEFORE INDEPENDENCE DAY AND 6:00 PM THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN BETWEEN THE HOURS OF 6:00 AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 6:00 PM THE TUESDAY AFTER INDEPENDENCE DAY.

6. FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 AM FRIDAY AND 6:00 PM TUESDAY.

(CONTINUED ON TMP-2A)



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(CONTINUED FROM TMP-2)

GENERAL NOTES

PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-2A

B) - CONT.

7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 AM TUESDAY AND 6:00 PM MONDAY.

8. FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 AM THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 PM THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

SPECIAL EVENTS

9. FOR THE BARBECUE FESTIVAL OCCURING IN LEXINGTON, NORTH CAROLINA, BETWEEN FOUR (4) HOURS BEFORE THE START AND FOUR (4) HOURS AFTER THE END OF THE BARBECUE FESTIVAL. (REFER TO WWW.THEBARBECUEFESTIVAL.COM FOR DATE AND TIMES OF THE ANNUAL BARBECUE FESTIVAL)

C) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
ANY RAMP / LOOP	MONDAY THROUGH SUNDAY, 6:00 AM TO 9:00 PM

D) DO NOT CONDUCT ANY HAULING OPERATIONS AGAINST THE FLOW OF TRAFFIC OF AN OPEN TRAVEL WAY UNLESS THE HAULING OPERATION IS PROTECTED BY BARRIER OR GUARDRAIL OR AS DIRECTED BY THE ENGINEER.

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 IS CLOSURE IS INSTALLED.

G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 5 FT OF AN OPEN TRAVEL LANE ON AN UNDIVIDED FACILITY, 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 WITHIN 10 FT OF AN OPEN TRAVEL LANE ON A DIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1102.02 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 REMAINS WITHIN THE CLOSED TRAVEL LANE.

I) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY RAMP OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

J) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON I-285.

PAVEMENT EDGE DROP OFF REQUIREMENTS

K) BACKFILL AT 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

L) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 1000 FT. IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

N) INSTALL ADVANCE WORK ZONE 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.

O) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLAN.

P) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER AND REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

Q) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.

R) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 1000 FT. IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

S) WHEN LANE CLOSURES ARE NOT IN EFFECT, SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH), EXCEPT 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPENED TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES) AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.

(CONTINUED ON TMP-2B)



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(CONTINUED FROM TMP-2A)

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 2B

GENERAL NOTES

TRAFFIC CONTROL DEVICES - CONT.

- T) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE THE ENTIRE ROADWAY.
- U) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES DRUMS PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

- V) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:

ROAD NAME	MARKING	MARKER
I-285 AND ALL RAMPS	PAINT	NONE

- W) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- X) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- Y) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS BY THE END OF EACH DAY'S OPERATION.

MISCELLANEOUS

- Z) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

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PHASING

NOTES: 1. REOPEN ALL LANES AT THE END OF THE WORK PERIOD.
2. DO NOT CLOSE MORE THAN ONE RAMP OR LOOP AT A TIME.



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PHASE I

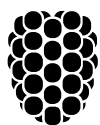
WORK MAY BE PERFORMED IN ANY ORDER AS LONG AS IT ABIDES BY THE CONDITIONS SET FORTH IN THE RESTRICTIONS / CONDITIONS COLUMN OF THE TABLE.

PHASING

PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-3A

NUMBER	TMP SHEET NO.	LOCATION	DESCRIPTION	METHOD	RESTRICTIONS / CONDITIONS (SEE NOTE 1)
8	TMP-4	I-285/US 52/NC 8 NORTHBOUND	MM94.46 ONE INSIDE NORTHBOUND THRU LANE	RSD 1101.02, SHEET 4 OF 19	DUE TO THEIR CLOSE PROXIMITY AND DIFFERING LANE CLOSURE REQUIREMENTS, DO NOT SIMULTANEOUSLY CONSTRUCT LOCATIONS 8 AND 9.
9	TMP-4	I-285/US 52/NC 8 NORTHBOUND	MM94.64 TWO NORTHBOUND THRU LANES	RSD 1101.02, SHEET 4 OF 19	DUE TO THEIR CLOSE PROXIMITY AND DIFFERING LANE CLOSURE REQUIREMENTS, DO NOT SIMULTANEOUSLY CONSTRUCT LOCATIONS 8 AND 9. USE ALTERNATE LANE CLOSURES TO PERFORM WORK.
10	TMP-4	I-285/US 52/NC 8 SOUTHBOUND	MM94.84 ONE OUTSIDE SOUTHBOUND THRU LANE	RSD 1101.02, SHEET 4 OF 19	NONE
11 12	TMP-5	I-285/US 52/NC 8 NORTHBOUND	MM95.35 ONE NORTHBOUND OUTSIDE THRU LANE 11 MM95.52 ONE NORTHBOUND OUTSIDE THRU LANE 12	RSD 1101.02, SHEET 4 OF 19	PERFORM LOCATION 11 AND LOCATION 12 SLAB REHABILITATION AT THE SAME TIME. CLOSE THE NORTHBOUND I-285/US 52/NC 8 OUTSIDE THROUGH LANE SPANNING BOTH LOCATIONS. WORK ON BOTH LOCATIONS BEHIND THAT SINGLE LANE CLOSURE.
13	TMP-5	I-285/US 52/NC 8 NORTHBOUND	MM96.23 ONE OUTSIDE NORTHBOUND THRU LANE	RSD 1101.02, SHEET 4 OF 19	NONE
14 15 16	TMP-5	I-285/US 52/NC 8 NORTHBOUND	MM96.62 TWO NORTHBOUND THRU LANES 14 MM96.64 TWO NORTHBOUND THRU LANES 15 MM96.76 TWO NORTHBOUND THRU LANES 16	RSD 1101.02, SHEET 4 OF 19	PERFORM LOCATIONS 14, 15 & 16 SLAB REHABILITATIONS AT THE SAME TIME. ALTERNATELY CLOSE THE NORTHBOUND I-285/US 52/NC 8 THROUGH LANES SPANNING ALL THREE LOCATIONS. WORK ON ALL LOCATIONS BEHIND THAT SINGLE LANE CLOSURE.
17 18	TMP-5	I-285/US 52/NC 8 SOUTHBOUND	MM96.65 ONE OUTSIDE SOUTHBOUND THRU LANE 17 MM96.64 ONE OUTSIDE SOUTHBOUND THRU LANE 18	RSD 1101.02, SHEET 4 OF 19	PERFORM LOCATION 17 & LOCATION 18 SLAB REHABILITATIONS AT THE SAME TIME. CLOSE THE SOUTHBOUND I-285/US 52/NC 8 OUTSIDE THROUGH LANE SPANNING BOTH LOCATIONS. WORK ON BOTH LOCATIONS BEHIND THAT SINGLE LANE CLOSURE.

- NOTES: 1. REOPEN ALL LANES AT THE END OF THE WORK PERIOD.
2. DO NOT CLOSE MORE THAN ONE RAMP OR LOOP AT A TIME.



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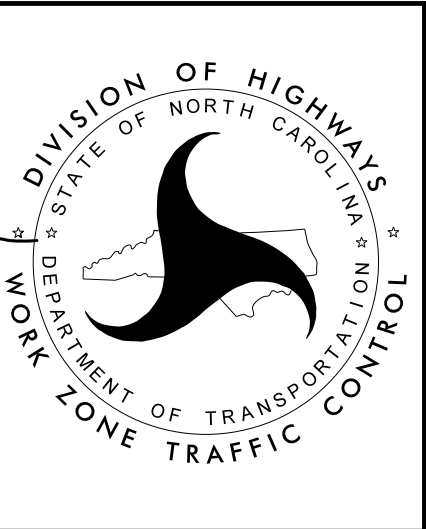
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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASING

PHASE I

PHASING

WORK MAY BE PERFORMED IN ANY ORDER AS LONG AS IT ABIDES BY THE CONDITIONS SET FORTH IN THE RESTRICTIONS / CONDITIONS COLUMN OF THE TABLE.

NUMBER	TMP SHEET NO.	LOCATION	DESCRIPTION	METHOD	RESTRICTIONS / CONDITIONS (SEE NOTE 1)
19	TMP-5	EXIT 97 NORTHBOUND	OFF LOOP	CLOSE THE LOOP RSD 1101.02, SHEET 12 OF 19	DETOUR THAT LOOP'S TRAFFIC AS SHOWN ON SHEET TMP-10. (SEE NOTE 2)
20 21	TMP-5	EXIT 97 NORTHBOUND	MM97.80 ON RAMP MM97.88 OUTSIDE NORTHBOUND SHOULDER OF RAMP'S ACCELERATION LANE	CLOSE THE RAMP	DETOUR THAT RAMP'S TRAFFIC AS SHOWN ON SHEET TMP-12. PERFORM LOCATION 20 & LOCATION 21 SLAB REHABILITATIONS AT THE SAME TIME. (SEE NOTE 2)
22	TMP-5	EXIT 97 SOUTHBOUND	ON LOOP	CLOSE THE LOOP	DETOUR THAT LOOP'S TRAFFIC AS SHOWN ON SHEET TMP-11. (SEE NOTE 2)
23	TMP-5	I-285/US 52/NC 8 SOUTHBOUND	MM97.68 TWO SOUTHBOUND THRU LANES	RSD 1101.02, SHEET 4 OF 19	USE ALTERNATE LANE CLOSURES TO PERFORM WORK. ALSO REFER TO RSD 1101.02, SHEET 11 OF 19 WHEN THESE LANE CLOSURES IMPACT ACCESS TO THE SOUTHBOUND I-285 EXIT 97 OFF RAMP.
24 25	TMP-6	I-285/US 52/NC 8 NORTHBOUND	MM98.01 ONE OUTSIDE NORTHBOUND THRU LANE MM98.35 ONE OUTSIDE NORTHBOUND SHOULDER	RSD 1101.02, SHEET 4 OF 19	PERFORM LOCATION 24 AND LOCATION 25 SLAB REHABILITATION AT THE SAME TIME. CLOSE THE NORTHBOUND I-285/US 52/NC 8 OUTSIDE THROUGH LANE SPANNING BOTH LOCATIONS. WORK ON BOTH LOCATIONS BEHIND THAT SINGLE LANE CLOSURE. UNDER THE DIRECTION OF THE ENGINEER, ALSO APPLY RSD 1101.02, SHEET 10 OF 19 TO MAINTAIN TRAFFIC ON THE EXIT 97 NORTHBOUND ON RAMP ONTO I-285/ US 52/NC 8. IF WORK ENCROACHES UPON THE 400' ACCELERATION LANE AS PER NOTE '2' OF RSD 1101.02, SHEET 10 OF 19, CLOSE THE EXIT 97 NORTHBOUND ON RAMP AND DETOUR TRAFFIC VIA AN ADJACENT INTERCHANGE. (SEE NOTE 2)

- NOTES:
- 1. REOPEN ALL LANES AT THE END OF THE WORK PERIOD.
 - 2. DO NOT CLOSE MORE THAN ONE RAMP OR LOOP AT A TIME.



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PHASING

PHASE I

WORK MAY BE PERFORMED IN ANY ORDER AS LONG AS IT ABIDES BY THE CONDITIONS SET FORTH IN THE RESTRICTIONS / CONDITIONS COLUMN OF THE TABLE.

PHASING

PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-3C

NUMBER	TMP SHEET NO.	LOCATION	DESCRIPTION	METHOD	RESTRICTIONS / CONDITIONS (SEE NOTE 1)
26	TMP-6	I-285/US 52/NC 8 SOUTHBOUND	MM98.19 TWO SOUTHBOUND THRU LANES	RSD 1101.02, SHEET 4 OF 19	USE ALTERNATE LANE CLOSURES TO PERFORM WORK.
27 28	TMP-6	I-285/US 52/NC 8 NORTHBOUND	MM98.55 TWO NORTHBOUND THRU LANES 27 MM98.64 TWO NORTHBOUND THRU LANES 28	RSD 1101.02, SHEET 4 OF 19	PERFORM LOCATION 27 & LOCATION 28 SLAB REHABILITATIONS AT THE SAME TIME. ALTERNATELY CLOSE THE NORTH- BOUND I-285/US 52/NC 8 THROUGH LANES SPANNING BOTH LOCATIONS. WORK ON BOTH LOCATIONS BEHIND THAT SINGLE LANE CLOSURE.
29	TMP-6	I-285/US 52/NC 8 NORTHBOUND	MM98.69 ONE NORTHBOUND OUTSIDE THRU LANE	RSD 1101.02, SHEET 4 OF 19	CONSTRUCT LOCATION 29 IN CONJUNCTION WITH LOCATIONS 27 AND 28 WHEN THE NORTHBOUND OUTSIDE LANE CLOSURE IS IN EFFECT FOR THOSE TWO LOCATIONS (27 AND 28). EXPAND THAT NORTHBOUND OUTSIDE LANE CLOSURE TO INCLUDE LOCATION 29. PERFORM LOCATION 29 SLAB REHABILITATION WORK BEHIND THAT LANE CLOSURE.
30	TMP-6	I-285/US 52/NC 8 SOUTHBOUND	MM99.36 TWO SOUTHBOUND THRU LANES	RSD 1101.02, SHEET 4 OF 19	DUE TO THEIR CLOSE PROXIMITY AND DIFFERING LANE CLOSURE REQUIREMENTS, DO NOT SIMULTANEOUSLY CONSTRUCT LOCATION 30 AT THE SAME TIME AS THE GROUPING OF LOCATIONS 33 AND 44 [LOCATIONS 33 AND 44 TO BE SIMULTANEOUSLY CONSTRUCTED] SHOWN ON SHEETS TMP-6 AND TMP-7. PERFORM LOCATION 30 WORK IN CONJUNCTION WITH LOCATION 32 WHILE EXIT 100 SOUTHBOUND ON RAMP IS CLOSED. CLOSE THE EXIT 100 SOUTH- BOUND ON RAMP AND DETOUR THAT RAMP'S TRAFFIC AS SHOWN ON SHEET TMP-14. ONCE THAT RAMP IS CLOSED, USE RSD 1101.02, SHEET 4 OF 19 TO PERFORM WORK BY USING ALTERNATE LANE CLOSURES. (SEE NOTE 2)

- NOTES: 1. REOPEN ALL LANES AT THE END OF THE WORK PERIOD.
2. DO NOT CLOSE MORE THAN ONE RAMP OR LOOP AT A TIME.



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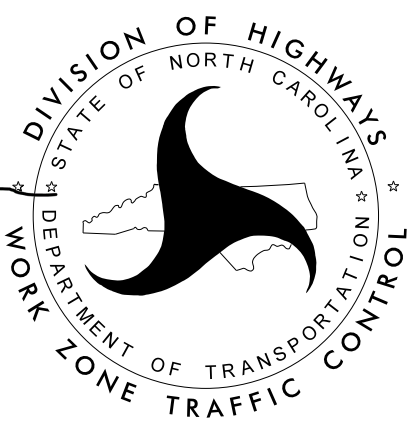
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PROFESSIONAL
ENGINEER
TODD BROOKS

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PHASING

PHASE I

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PHASING

PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-3D

NUMBER	TMP SHEET NO.	LOCATION	DESCRIPTION	METHOD	RESTRICTIONS / CONDITIONS (SEE NOTE 1)
31	TMP-6	EXIT 100 NORTHBOUND	ON LOOP	CLOSE THE LOOP	DETOUR THAT LOOP'S TRAFFIC AS SHOWN ON SHEET TMP-13. (SEE NOTE 2)
32	TMP-6	EXIT 100 SOUTHBOUND	ON RAMP	CLOSE THE RAMP	PERFORM LOCATION 32 WORK IN CONJUNCTION WITH LOCATION 30 WHILE EXIT 100 SOUTHBOUND ON RAMP IS CLOSED. DETOUR THAT RAMP'S TRAFFIC AS SHOWN ON SHEET TMP-14. (SEE NOTE 2)
33 44	TMP-6 & TMP-7	I-285/US 52/NC 8 SOUTHBOUND	MM99.99 ONE OUTSIDE SOUTHBOUND THRU LANE 33 MM100.15 ONE OUTSIDE SOUTHBOUND THRU LANE 44	RSD 1101.02, SHEET 4 OF 19	DUE TO THEIR CLOSE PROXIMITY AND DIFFERING LANE CLOSURE REQUIREMENTS, DO NOT SIMULTANEOUSLY CONSTRUCT LOCATIONS 33 AND 44 AT THE SAME TIME AS LOCATION 30. CONSTRUCT LOCATIONS 33 AND 44 AT THE SAME TIME. CLOSE THE SOUTHBOUND I-285/US 52/NC 8 OUTSIDE THROUGH LANE SPANNING BOTH LOCATIONS 33 AND 44. PERFORM LOCATIONS 33 AND 45 SLAB REHABILITATION WORK BEHIND THE ABOVE SINGLE LANE CLOSURE. UNDER THE DIRECTION OF THE ENGINEER, ALSO APPLY RSD 1101.02, SHEET 11 OF 19 TO MAINTAIN TRAFFIC ON THE EXIT 100 SOUTHBOUND OFF RAMP.
34 35 36	TMP-7	I-285/US 52/NC 8 NORTHBOUND	MM100.47 ONE NORTHBOUND OUTSIDE THRU LANE 34 MM100.62 ONE NORTHBOUND OUTSIDE THRU LANE 35 MM100.87 ONE NORTHBOUND OUTSIDE THRU LANE 36	RSD 1101.02, SHEET 4 OF 19	DUE TO THEIR CLOSE PROXIMITY AND DIFFERING LANE CLOSURE REQUIREMENTS, DO NOT SIMULTANEOUSLY CONSTRUCT LOCATIONS 34, 35 AND 36 AT THE SAME TIME AS LOCATION 37. CONSTRUCT LOCATIONS 34, 35 AND 36 AT THE SAME TIME. CLOSE THE NORTH-BOUND I-285/US 52/NC 8 OUTSIDE THROUGH LANE SPANNING ALL THREE LOCATIONS. PERFORM LOCATIONS 34, 35 AND 36 SLAB REHABILITATION WORK BEHIND THE ABOVE SINGLE LANE CLOSURE.

- NOTES:
- 1. REOPEN ALL LANES AT THE END OF THE WORK PERIOD.
 - 2. DO NOT CLOSE MORE THAN ONE RAMP OR LOOP AT A TIME.



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PROFESSIONAL ENGINEER

U. TODD BROOKS

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PHASING

PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-3E

NUMBER	TMP SHEET NO.	LOCATION	DESCRIPTION	METHOD	RESTRICTIONS / CONDITIONS (SEE NOTE 1)
37	TMP-7	I-285/US 52/NC 8 NORTHBOUND	MM100.94 TWO NORTHBOUND THRU LANES	RSD 1101.02, SHEET 4 OF 19	DUE TO THEIR CLOSE PROXIMITY AND DIFFERING LANE CLOSURE REQUIREMENTS, DO NOT SIMULTANEOUSLY CONSTRUCT LOCATION 37 AT THE SAME TIME AS LOCATIONS 34, 35 AND 36. USE ALTERNATE LANE CLOSURES TO PERFORM WORK.
38 39	TMP-7	I-285/US 52/NC 8 NORTHBOUND	MM101.08 ONE OUTSIDE NORTHBOUND THRU LANE 38 MM101.36 ONE OUTSIDE NORTHBOUND THRU LANE 39	RSD 1101.02, SHEET 4 OF 19	CONSTRUCT LOCATIONS 38 AND 39 AT THE SAME TIME. CLOSE THE NORTHBOUND I-285/US 52/NC 8 OUTSIDE THROUGH LANE SPANNING BOTH LOCATIONS 38 AND 39. PERFORM LOCATIONS 38 AND 39 SLAB REHABILITATION WORK BEHIND THE ABOVE SINGLE LANE CLOSURE.
40 41	TMP-7	I-285/US 52/NC 8 NORTHBOUND	MM101.44 TWO NORTHBOUND THRU LANES 40 MM101.49 TWO NORTHBOUND THRU LANES 41	RSD 1101.02, SHEET 4 OF 19	PERFORM LOCATION 40 & LOCATION 41 SLAB REHABILITATIONS AT THE SAME TIME. ALTERNATELY CLOSE THE NORTH- BOUND I-285/US 52/NC 8 THROUGH LANES SPANNING BOTH LOCATIONS. WORK ON BOTH LOCATIONS BEHIND THAT SINGLE LANE CLOSURE.
42 43	TMP-7	I-285/US 52/NC 8 NORTHBOUND	MM101.56 ONE OUTSIDE NORTHBOUND THRU LANE 42 MM101.80 OUTSIDE NORTHBOUND SHOULDER 43	RSD 1101.02, SHEET 4 OF 19	CONSTRUCT LOCATIONS 42 AND 43 AT THE SAME TIME. CONSTRUCT LOCATIONS 42 AND 43 IN CONJUNCTION WITH LOCATIONS 40 AND 41 WHEN THE NORTHBOUND OUTSIDE LANE CLOSURE IS IN EFFECT FOR THOSE TWO LOCATIONS (40 AND 41). EXPAND THAT NORTHBOUND OUTSIDE LANE CLOSURE TO INCLUDE LOCATIONS 42 AND 43. PERFORM LOCATIONS 42 AND 43 SLAB REHABILITATION WORK BEHIND THAT LANE CLOSURE.
44	TMP-7	I-285/US 52/NC 8 SOUTHBOUND	SEE THE REQUIREMENTS ON SHEET TMP-3D FOR LOCATION 33		
45	TMP-7	I-285/US 52/NC 8 SOUTHBOUND	MM100.45 TWO SOUTHBOUND THRU LANES 45	RSD 1101.02, SHEET 4 OF 19	USE ALTERNATE LANE CLOSURES TO PERFORM WORK.

- NOTES: 1. REOPEN ALL LANES AT THE END OF THE WORK PERIOD.
2. DO NOT CLOSE MORE THAN ONE RAMP OR LOOP AT A TIME.



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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

PHASING

PHASE I

WORK MAY BE PERFORMED IN ANY ORDER AS LONG AS IT ABIDES BY THE CONDITIONS SET FORTH IN THE RESTRICTIONS / CONDITIONS COLUMN OF THE TABLE.

NUMBER	TMP SHEET NO.	LOCATION	DESCRIPTION	METHOD	RESTRICTIONS / CONDITIONS (SEE NOTE 1)
<div>46</div> <div>47</div> <div>48</div> <div>49</div>	TMP-7	I-285/US 52/NC 8 SOUTHBOUND	MM100.65 ONE SOUTHBOUND OUTSIDE THRU LANE <div>46</div> MM100.69 ONE SOUTHBOUND OUTSIDE SHOULDER <div>47</div> MM100.88 ONE SOUTHBOUND OUTSIDE SHOULDER <div>48</div> MM100.89 ONE SOUTHBOUND OUTSIDE SHOULDER <div>49</div> ONE SOUTHBOUND OUTSIDE THRU LANE	RSD 1101.02, SHEET 4 OF 19	CONSTRUCT LOCATIONS 46, 47, 48 AND 49 AT THE SAME TIME. CLOSE THE SOUTHBOUND I-285/US 52/NC 8 OUTSIDE THROUGH LANE SPANNING LOCATIONS 46 THROUGH 49. PERFORM LOCATIONS 46 THROUGH 49 SLAB REHABILITATION WORK BEHIND THE ABOVE LANE CLOSURE.
<div>50</div> <div>51</div>	TMP-7	I-285/US 52/NC 8 SOUTHBOUND	MM100.94 TWO SOUTHBOUND THRU LANES <div>50</div> MM100.98 TWO SOUTHBOUND THRU LANES <div>51</div> ONE SOUTHBOUND INSIDE SHOULDER ONE SOUTHBOUND OUTSIDE SHOULDER	RSD 1101.02, SHEET 4 OF 19	CONSTRUCT LOCATIONS 50 AND 51 AT THE SAME TIME. ALTERNATELY CLOSE THE SOUTHBOUND I-285/US 52/NC 8 THROUGH LANES SPANNING LOCATIONS 50 AND 51. PERFORM LOCATIONS 50 AND 51 SLAB REHABILITATION WORK USING THOSE ALTERNATING LANE CLOSURES.
<div>52</div>	TMP-7	I-285/US 52/NC 8 SOUTHBOUND	LOCATION 52 CONSISTS OF TWO CLOSELY SPACED SLAB REHABILITATION LOCATIONS. EACH WILL BE HANDLED SEPARATELY DUE TO DIFFERING LANE CLOSURE REQUIREMENTS. MM101.10 MM101.09	RSD 1101.02, SHEET 4 OF 19	MM101.10: ALTERNATELY CLOSE THE SOUTHBOUND I-285/US 52/NC 8 THROUGH LANES. PERFORM LOCATION 52/MM101.10 SLAB REHABILITATION WORK USING THOSE ALTERNATING LANE CLOSURES. MM101.09: CLOSE THE SOUTHBOUND I-285/US 52 /NC 8 INSIDE THROUGH LANE. PERFORM LOCATION 52/MM101.09 SLAB REHABILITATION WORK BEHIND THAT LANE CLOSURE.
<div>53</div>	TMP-7	I-285/US 52/NC 8 SOUTHBOUND	LOCATION 53 CONSISTS OF TWO CLOSELY SPACED SLAB REHABILITATION LOCATIONS. EACH WILL BE HANDLED SEPARATELY DUE TO DIFFERING LANE CLOSURE REQUIREMENTS. MM101.29 MM101.28	RSD 1101.02, SHEET 4 OF 19	MM101.29: CLOSE THE SOUTHBOUND I-285/US 52/ NC 8 OUTSIDE THROUGH LANE. PERFORM LOCATION 53/MM101.29 SLAB REHABILITATION WORK BEHIND THAT LANE CLOSURE. MM101.28: CLOSE THE SOUTHBOUND I-285/US 52/ NC 8 INSIDE THROUGH LANE. PERFORM LOCATION 53/MM101.28 SLAB REHABILITATION WORK BEHIND THAT LANE CLOSURE.

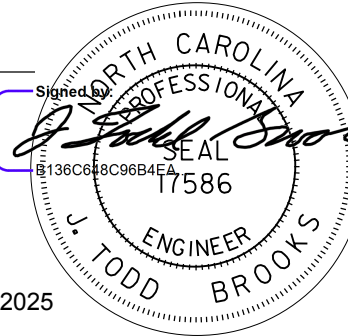
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PROJ. REFERENCE NO.	SHEET NO.
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NUMBER	TMP SHEET NO.	LOCATION	DESCRIPTION	METHOD	RESTRICTIONS / CONDITIONS (SEE NOTE 1)
54 55 56	TMP-7	I-285/US 52/NC 8 SOUTHBOUND	MM101.36 TWO SOUTHBOUND THRU LANES 54 MM101.45 TWO SOUTHBOUND THRU LANES 55 MM101.65 TWO SOUTHBOUND THRU LANES 56	RSD 1101.02, SHEET 4 OF 19	CONSTRUCT LOCATIONS 54, 55 AND 56 AT THE SAME TIME. ALTERNATELY CLOSE THE SOUTHBOUND I-285/US 52/NC 8 THROUGH LANES SPANNING LOCATIONS 54 THRU 56. PERFORM LOCATIONS 54 THRU 56 SLAB REHABILITATION WORK USING THOSE ALTERNATING LANE CLOSURES.
57	TMP-7	I-285/US 52/NC 8 SOUTHBOUND	LOCATION 57 CONSISTS OF TWO CLOSELY SPACED SLAB REHABILITATION LOCATIONS. EACH WILL BE HANDLED SEPARATELY DUE TO DIFFERING LANE CLOSURE REQUIREMENTS. MM101.68 LOCATION 'A' MM101.67 LOCATION 'B'	RSD 1101.02, SHEET 4 OF 19	LOCATION 'A': CLOSE THE SOUTHBOUND I-285/US 52/ NC 8 INSIDE THROUGH LANE. PERFORM LOCATION 57A SLAB REHABILITATION WORK BEHIND THAT LANE CLOSURE. LOCATION 'B': CLOSE THE SOUTHBOUND I-285/US 52/ NC 8 OUTSIDE THROUGH LANE. PERFORM LOCATION 57B SLAB REHABILITATION WORK BEHIND THAT LANE CLOSURE.
58 59	TMP-7	I-285/US 52/NC 8 SOUTHBOUND	MM101.70 ONE SOUTHBOUND OUTSIDE THRU LANE 58 MM101.85 ONE SOUTHBOUND OUTSIDE SHOULDER 59	RSD 1101.02, SHEET 4 OF 19	CONSTRUCT LOCATIONS 58 AND 59 AT THE SAME TIME. CLOSE THE SOUTHBOUND I-285/US 52/ NC 8 OUTSIDE THROUGH LANE SPANNING LOCATIONS 58 AND 59. PERFORM LOCATIONS 58 AND 59 SLAB REHABILITATION WORK BEHIND THIS LANE CLOSURE.
60 61	TMP-8	I-285/US 52/NC 8 NORTHBOUND	MM102.00 ONE NORTHBOUND OUTSIDE THRU LANE 60 MM102.02 ONE NORTHBOUND OUTSIDE SHOULDER 61	RSD 1101.02, SHEET 4 OF 19	CONSTRUCT LOCATIONS 60 AND 61 AT THE SAME TIME. CLOSE THE NORTHBOUND I-285/US 52/ NC 8 OUTSIDE THROUGH LANE SPANNING LOCATIONS 60 AND 61. PERFORM LOCATIONS 60 AND 61 SLAB REHABILITATION WORK BEHIND THIS SINGLE LANE CLOSURE.
62 63	TMP-8	I-285/US 52/NC 8 NORTHBOUND	MM102.48 ONE NORTHBOUND OUTSIDE SHOULDER 62 MM102.52 ONE NORTHBOUND OUTSIDE SHOULDER 63	RSD 1101.02, SHEET 4 OF 19	CONSTRUCT LOCATIONS 62 AND 63 AT THE SAME TIME. CLOSE THE NORTHBOUND I-285/US 52/ NC 8 OUTSIDE THROUGH LANE SPANNING LOCATIONS 62 AND 63. PERFORM LOCATIONS 62 AND 63 SLAB REHABILITATION WORK BEHIND THIS SINGLE LANE CLOSURE.

- NOTES: 1. REOPEN ALL LANES AT THE END OF THE WORK PERIOD.
2. DO NOT CLOSE MORE THAN ONE RAMP OR LOOP AT A TIME.



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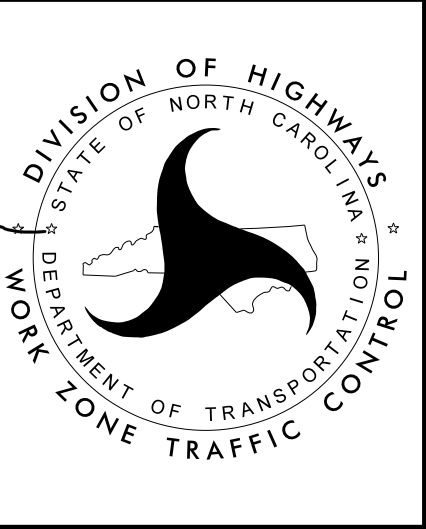
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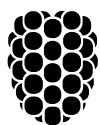
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NUMBER	TMP SHEET NO.	LOCATION	DESCRIPTION	METHOD	RESTRICTIONS / CONDITIONS (SEE NOTE 1)
64	TMP-8	I-285/US 52/NC 8 NORTHBOUND	MM102.72 ONE NORTHBOUND OUTSIDE THRU LANE	RSD 1101.02, SHEET 4 OF 19	CLOSE THE NORTHBOUND I-285/US 52/ NC 8 OUTSIDE THROUGH LANE. ALSO APPLY RSD 1101.02, SHEET 11 OF 19 TO MAINTAIN TRAFFIC ON THE EXIT 103 NORTHBOUND OFF RAMP. PERFORM LOCATION 64 SLAB REHABILITATION WORK BEHIND THE ABOVE LANE CLOSURE.
65 66	TMP-8	EXIT 103 NORTHBOUND	OFF RAMP	CLOSE THE RAMP RSD 1101.02, SHEET 12 OF 19	PERFORM LOCATION 65 WORK IN CONJUNCTION WITH LOCATION 66 WHILE EXIT 103 NORTHBOUND OFF RAMP IS CLOSED. DETOUR THAT RAMP'S TRAFFIC AS SHOWN ON SHEET TMP-15. (SEE NOTE 2)
67 68 69 70 71	TMP-8	I-285/US 52/NC 8 SOUTHBOUND	MM101.96 ONE SOUTHBOUND OUTSIDE SHOULDER 67 MM102.02 ONE SOUTHBOUND OUTSIDE SHOULDER 68 MM102.04 ONE SOUTHBOUND OUTSIDE SHOULDER 69 MM102.13 ONE SOUTHBOUND OUTSIDE SHOULDER 70 MM102.32 ONE SOUTHBOUND OUTSIDE THRU LANE 71	RSD 1101.02, SHEET 4 OF 19	CONSTRUCT LOCATIONS 67, 68, 69, 70 AND 71 AT THE SAME TIME. CLOSE THE SOUTHBOUND I-285/US 52/ NC 8 OUTSIDE THROUGH LANE SPANNING LOCATIONS 67 THROUGH 71. PERFORM LOCATIONS 67 THROUGH 71 SLAB REHABILITATION WORK BEHIND THAT SINGLE CLOSURE. ALSO APPLY RSD 1101.02, SHEET 10 OF 19 TO MAINTAIN TRAFFIC ON THE EXIT 103 SOUTHBOUND ON RAMP ONTO I-285/ US 52/NC 8.
72	TMP-8	I-285/US 52/NC 8 SOUTHBOUND	MM102.88 ONE SOUTHBOUND OUTSIDE SHOULDER	RSD 1101.02, SHEET 4 OF 19	CLOSE THE SOUTHBOUND I-285/US 52/ NC 8 OUTSIDE THROUGH LANE. ALSO APPLY RSD 1101.02, SHEET 11 OF 19 TO MAINTAIN TRAFFIC ON THE EXIT 103 SOUTHBOUND OFF RAMP. PERFORM LOCATION 72 SLAB REHABILITATION WORK BEHIND THAT CLOSURE.

- NOTES: 1. REOPEN ALL LANES AT THE END OF THE WORK PERIOD.
 2. DO NOT CLOSE MORE THAN ONE RAMP OR LOOP AT A TIME.



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PHASE II

THIS WORK MUST BE COMPLETED AFTER ALL SLAB REHABILITATION WORK IS COMPLETE.

STEP 1: USING RSD 1101.02, SHEETS 4, 8, 10 & 11 OF 19, DIAMOND-GRIND I-285/US 52/NC 8 TRAVEL LANES DURING ALLOWABLE WORK HOURS. USE TEMPORARY MARKINGS TO REPLACE EXISTING MARKINGS OBLITERATED BY THE END OF EACH DAYS OPERATION.

STEP 2: DIAMOND-GRIND RAMPS AND LOOPS ONE AT A TIME USING OVERNIGHT RAMP AND LOOP CLOSURES AND DETOURS DURING ALLOWABLE WORKING HOURS AS FOLLOWS:

EXIT	INTERCHANGE	RAMP/LOOP	USE DETAILS ON:
92	NC 8/OLD US HWY 52 (WELCOME)	I-285 NB OFF-LOOP I-285 NB ON-RAMP I-285 SB OFF-RAMP I-285 SB ON-LOOP	RSD NO.1101.02, SHEET 12 & TMP-17 TMP-16 & TMP-16A RSD NO.1101.02, SHEET 12 & TMP-18 TMP-9 & TMP-9A
97	OLD US HWY 52 (MIDWAY)	I-285 NB OFF-LOOP I-285 NB ON-RAMP I-285 SB OFF-RAMP I-285 SB ON-LOOP	RSD NO.1101.02, SHEET 12 & TMP-10 TMP-12 & TMP-12A RSD NO.1101.02, SHEET 12 & TMP-19 TMP-11 & TMP-11A
100	HICKORY TREE RD	I-285 NB OFF-RAMP I-285 NB ON-LOOP I-285 SB OFF-RAMP I-285 SB ON-RAMP	RSD NO.1101.02, SHEET 12 & TMP-20 TMP-13 & TMP-13A RSD NO.1101.02, SHEET 12 & TMP-21 TMP-14 & TMP-14A
103	S. MAIN ST	I-285 NB OFF-RAMP I-285 SB ON-RAMP	RSD NO.1101.02, SHEET 12 & TMP-15 TMP-22 & TMP-22A

DO NOT CLOSE AND DETOUR MORE THAN ONE RAMP/LOOP AT A TIME.

REPLACE PAVEMENT MARKINGS OBLITERATED BY DIAMOND GRINDING ON RAMPS/LOOPS WITH TEMPORARY PAVEMENT MARKINGS (PAINT) PRIOR TO REOPENING EACH RAMP/LOOP TO TRAFFIC AT THE END OF EACH OVERNIGHT WORK PERIOD.

STEP 3: USING RSD 1101.02, SHEETS 4, 8 10 & 11 OF 19 TO TEMPORARILY CLOSE LANES ON I-285 DURING NON-PEAK TRAFFIC PERIODS, PLACE FINAL PAVEMENT MARKINGS AND FINAL SNOWPLOWABLE PAVEMENT MARKERS IN ORIGINAL PATTERN ON I-285/US 52/NC 8.

STEP 4: PLACE FINAL PAVEMENT MARKINGS AND FINAL SNOWPLOWABLE PAVEMENT MARKERS IN ORIGINAL PATTERN ON RAMPS AND LOOPS USING OVERNIGHT RAMP/LOOP CLOSURES AND DETOURS IN ACCORDANCE WITH THE TABLE IN PHASE 2, STEP 2. DO NOT CLOSE AND DETOUR MORE THAN ONE RAMP/LOOP AT A TIME.

STEP 5: REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES WITHIN THE PROJECT LIMITS AND ALL OFFSITE ROAD CLOSURE AND DETOUR SIGNING .



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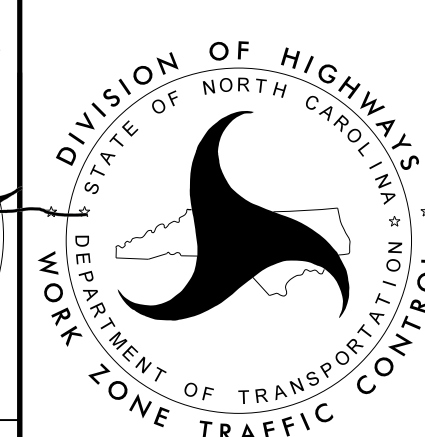
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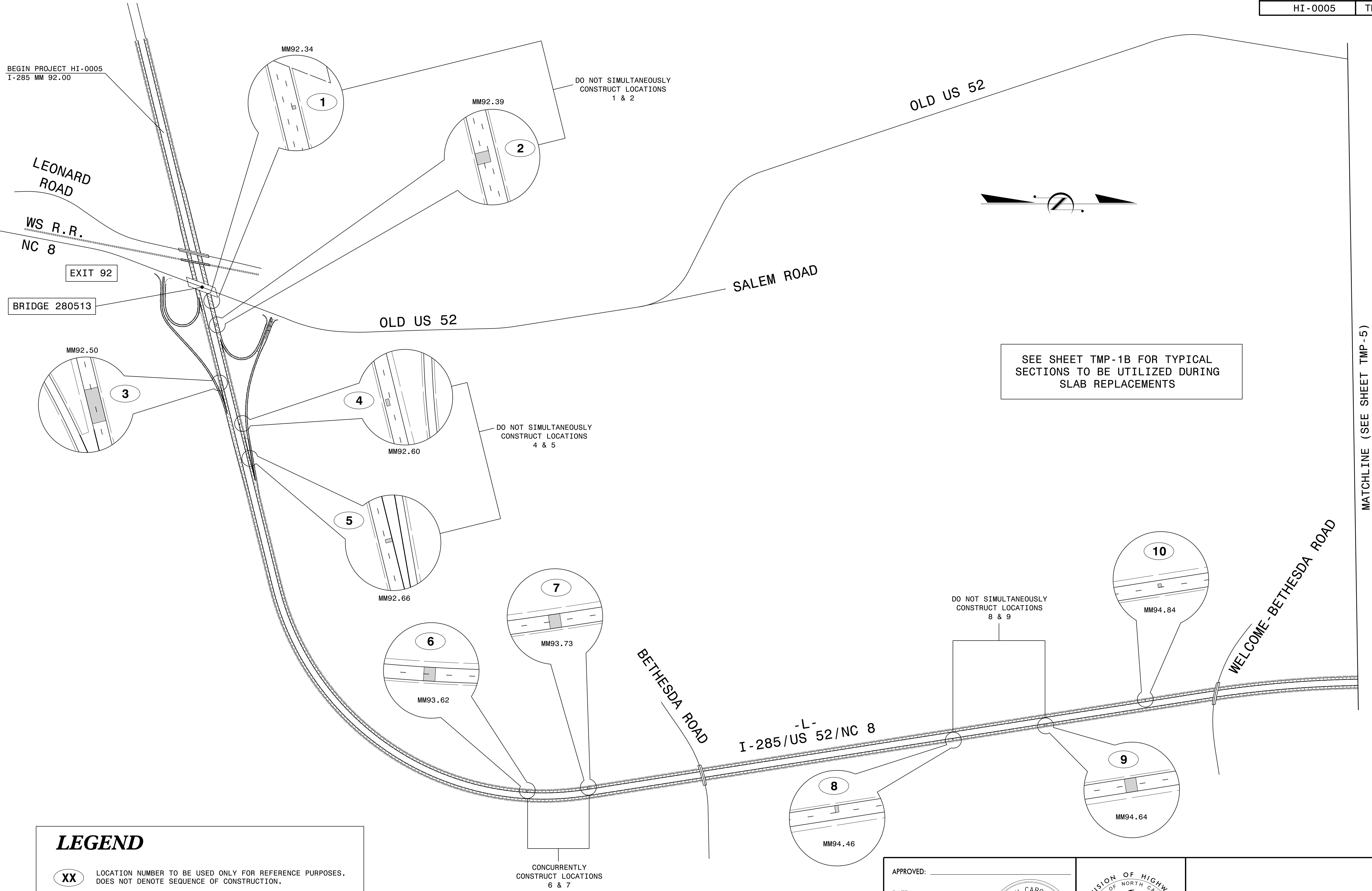
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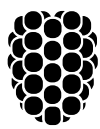
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LEGEND

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LOCATION NUMBER TO BE USED ONLY FOR REFERENCE PURPOSES.
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Dewberry

2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____
DATE: _____

SEAL

6/23/2025

NORTH CAROLINA

PROFESSIONAL

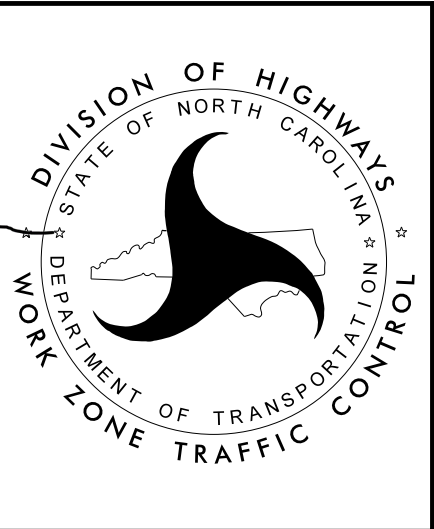
SEAL

17586

ENGINEER

TODD BROOKS

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PROJECT OVERVIEW

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 5

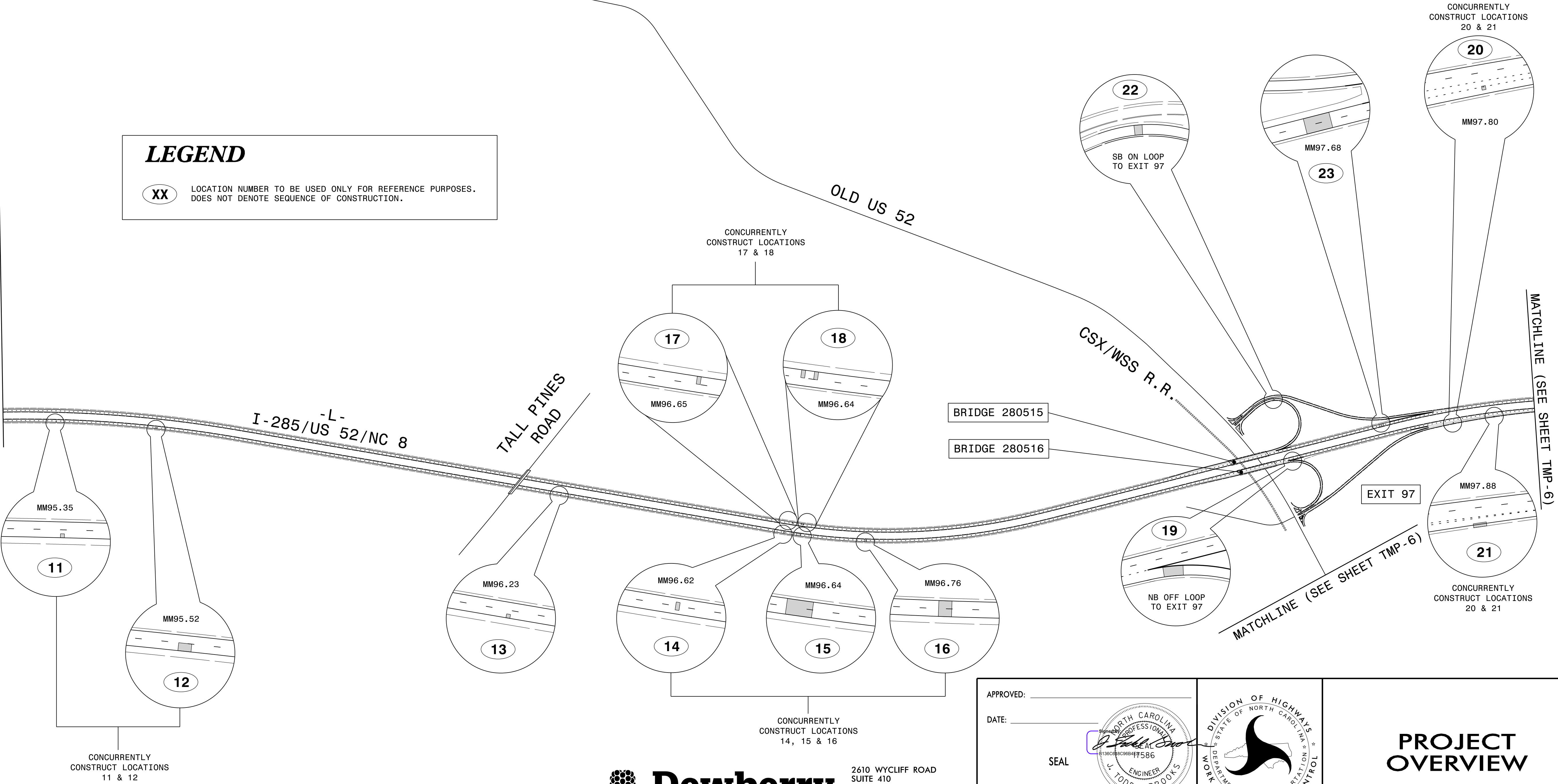


SEE SHEET TMP-1B FOR TYPICAL SECTIONS TO BE UTILIZED DURING SLAB REPLACEMENTS

MATCHLINE (SEE SHEET TMP - 4)

LEGEND

XX LOCATION NUMBER TO BE USED ONLY FOR REFERENCE PURPOSES. DOES NOT DENOTE SEQUENCE OF CONSTRUCTION.



23-JUN-2025 10:54
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jwiles AT PWD0007L



Dewberry

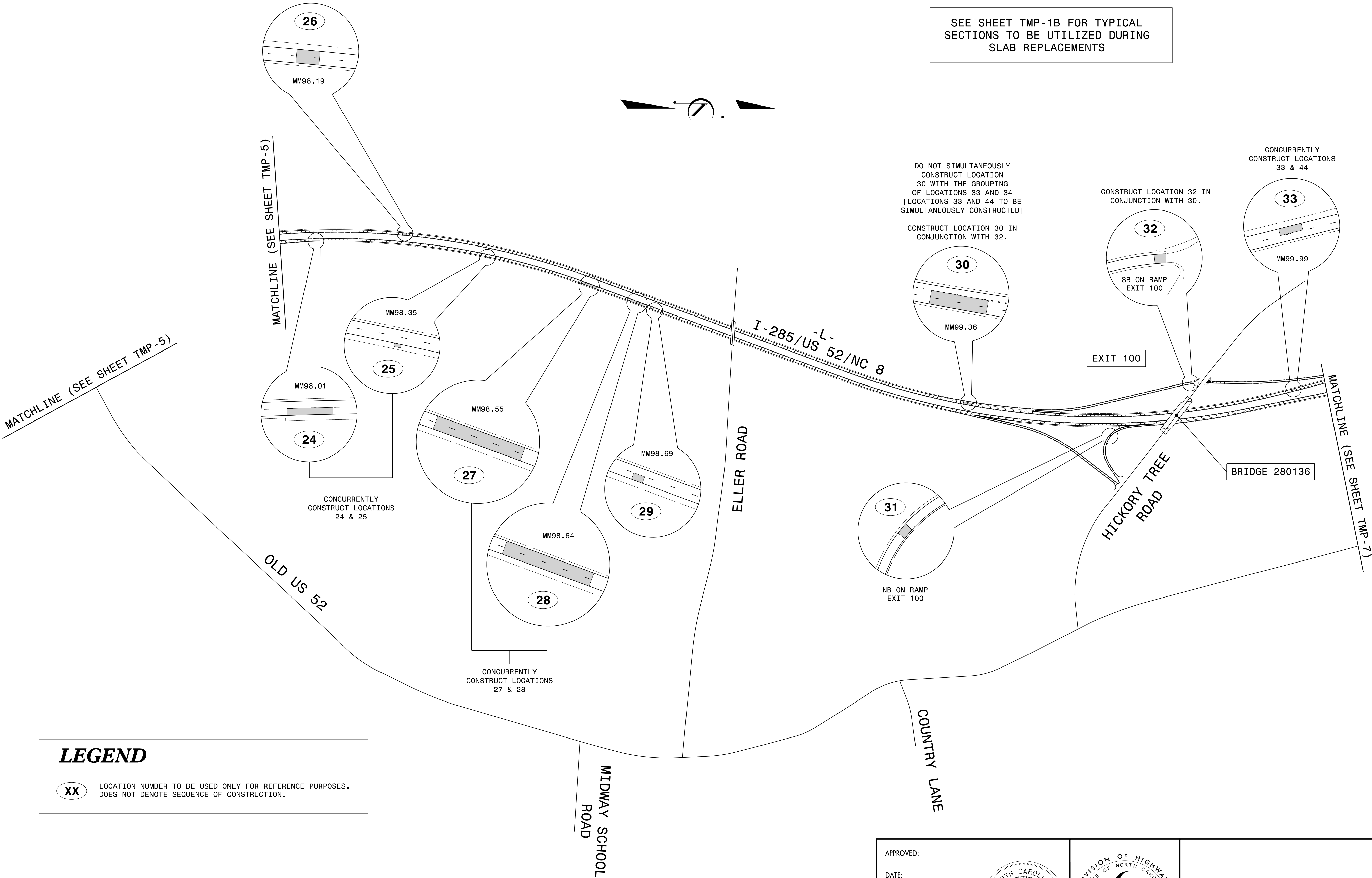
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____
DATE: _____
SEAL
6/23/2025
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UNLESS ALL SIGNATURES COMPLETED



**PROJECT
OVERVIEW**

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 6



SEE SHEET TMP-1B FOR TYPICAL SECTIONS TO BE UTILIZED DURING SLAB REPLACEMENTS

DO NOT SIMULTANEOUSLY CONSTRUCT LOCATION 30 WITH THE GROUPING OF LOCATIONS 33 AND 34 [LOCATIONS 33 AND 44 TO BE SIMULTANEOUSLY CONSTRUCTED]

CONSTRUCT LOCATION 30 IN CONJUNCTION WITH 32.

CONSTRUCT LOCATION 32 IN CONJUNCTION WITH 30.

CONCURRENTLY CONSTRUCT LOCATIONS 33 & 44

LEGEND

XX

LOCATION NUMBER TO BE USED ONLY FOR REFERENCE PURPOSES. DOES NOT DENOTE SEQUENCE OF CONSTRUCTION.

APPROVED: _____

DATE: _____

SEAL

6/23/2025

Signature

Signature

North Carolina

Professional Engineer

7586

U.S. Todd Brooks

DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED

DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

PROJECT OVERVIEW

23-JUN-2025 10:54
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jwiles AT PWD0007L

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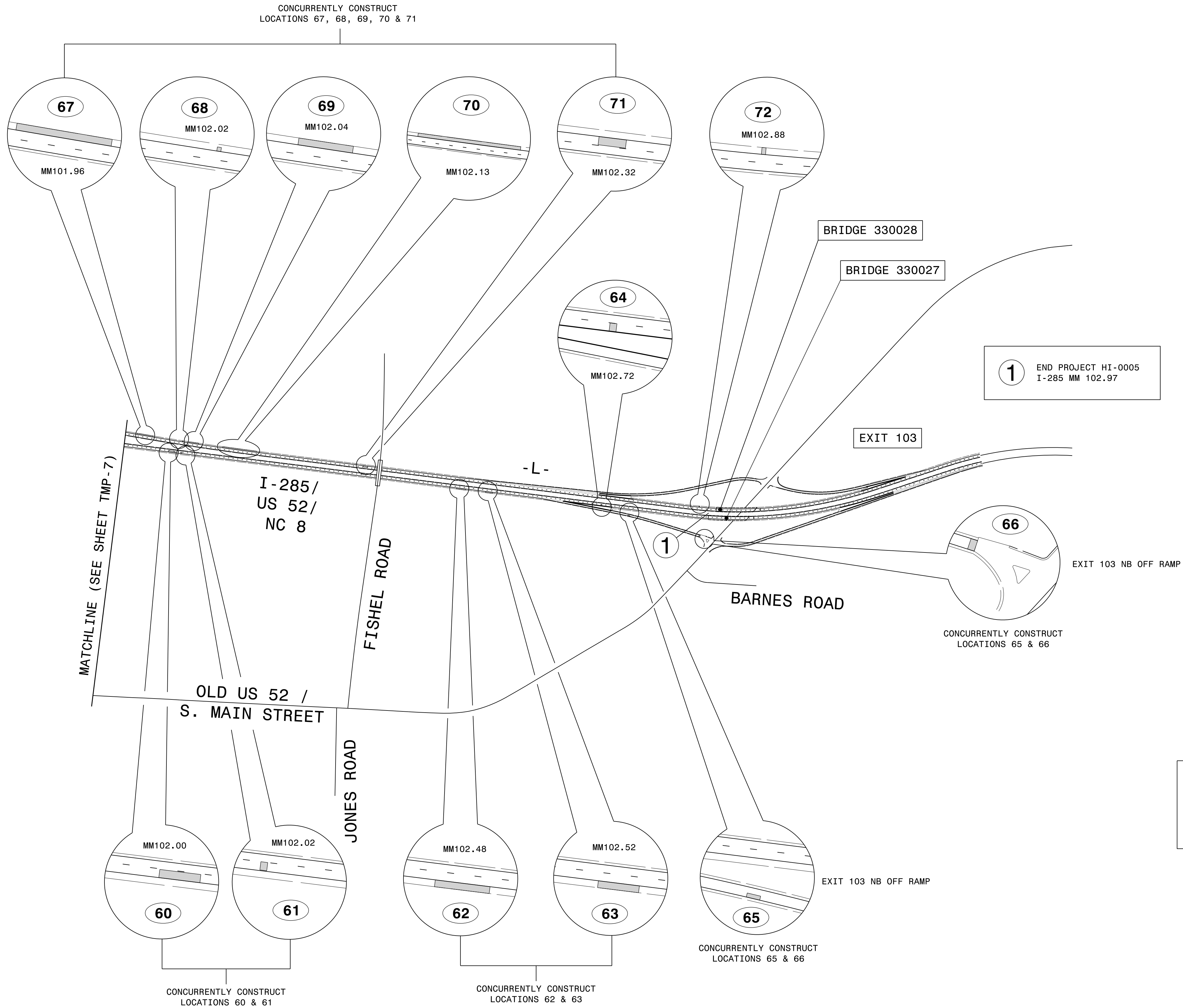
XX

2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

Seal of the Professional Engineer, North Carolina, License No. 17586, signed by J. Todd Brooks.



PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-8



SEE SHEET TMP-1B FOR TYPICAL SECTIONS TO BE UTILIZED DURING SLAB REPLACEMENTS



LEGEND

XX LOCATION NUMBER TO BE USED ONLY FOR REFERENCE PURPOSES. DOES NOT DENOTE SEQUENCE OF CONSTRUCTION.

PROJECT OVERVIEW

APPROVED: _____

DATE: _____

SEAL

6/23/2025

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

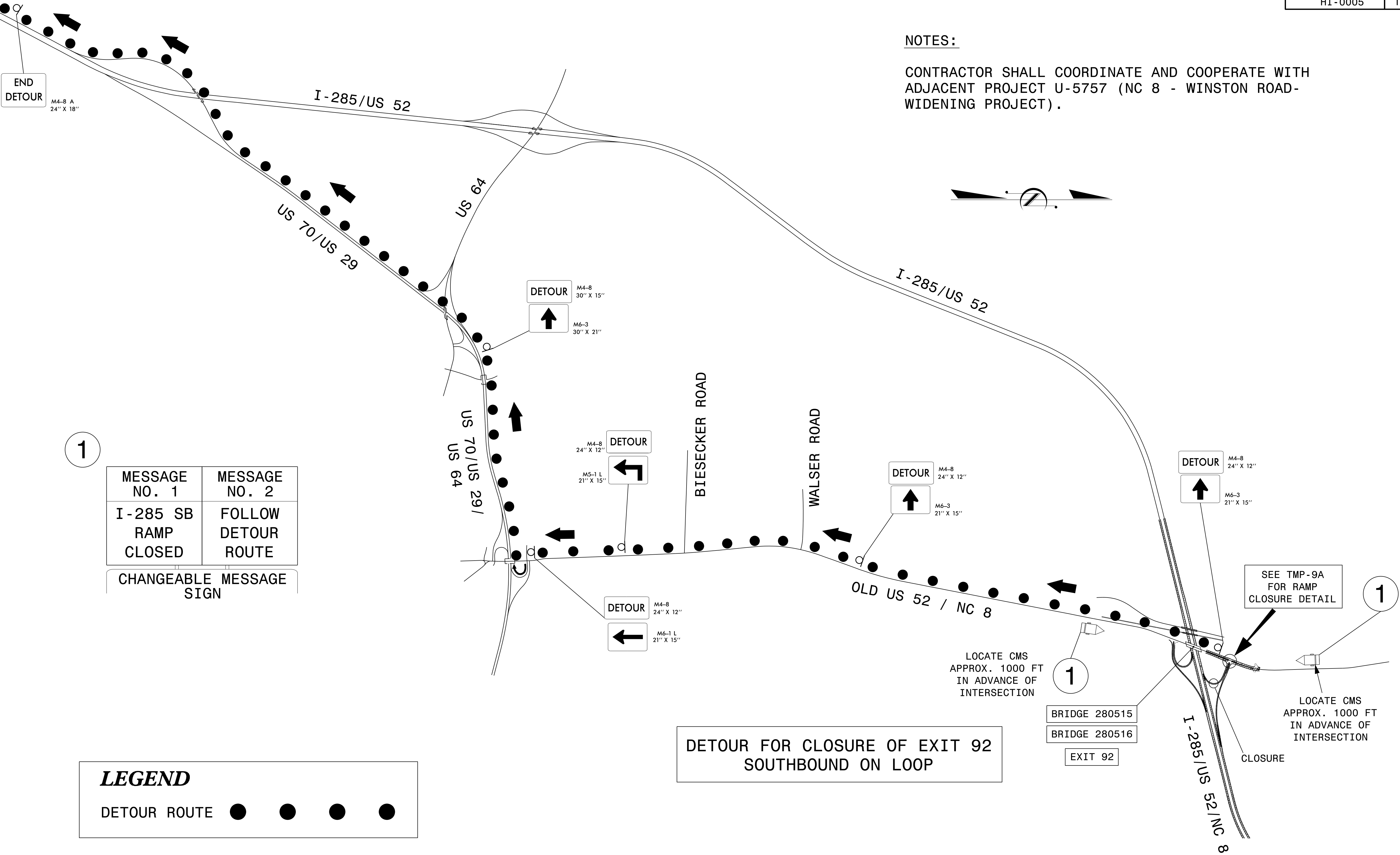


2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-9

NOTES:

CONTRACTOR SHALL COORDINATE AND COOPERATE WITH ADJACENT PROJECT U-5757 (NC 8 - WINSTON ROAD-WIDENING PROJECT).



MESSAGE NO. 1	MESSAGE NO. 2
I-285 SB RAMP CLOSED	FOLLOW DETOUR ROUTE
CHANGEABLE MESSAGE SIGN	

LEGEND

DETOUR ROUTE ● ● ● ●

DETOUR FOR CLOSURE OF EXIT 92 SOUTHBOUND ON LOOP

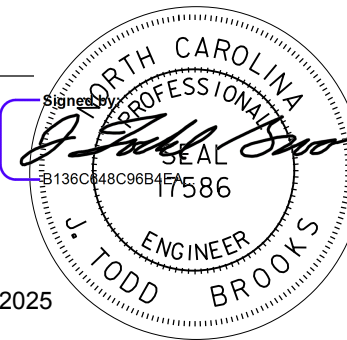
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jwiles AT PWD0007L

**Dewberry**

2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____
DATE: _____

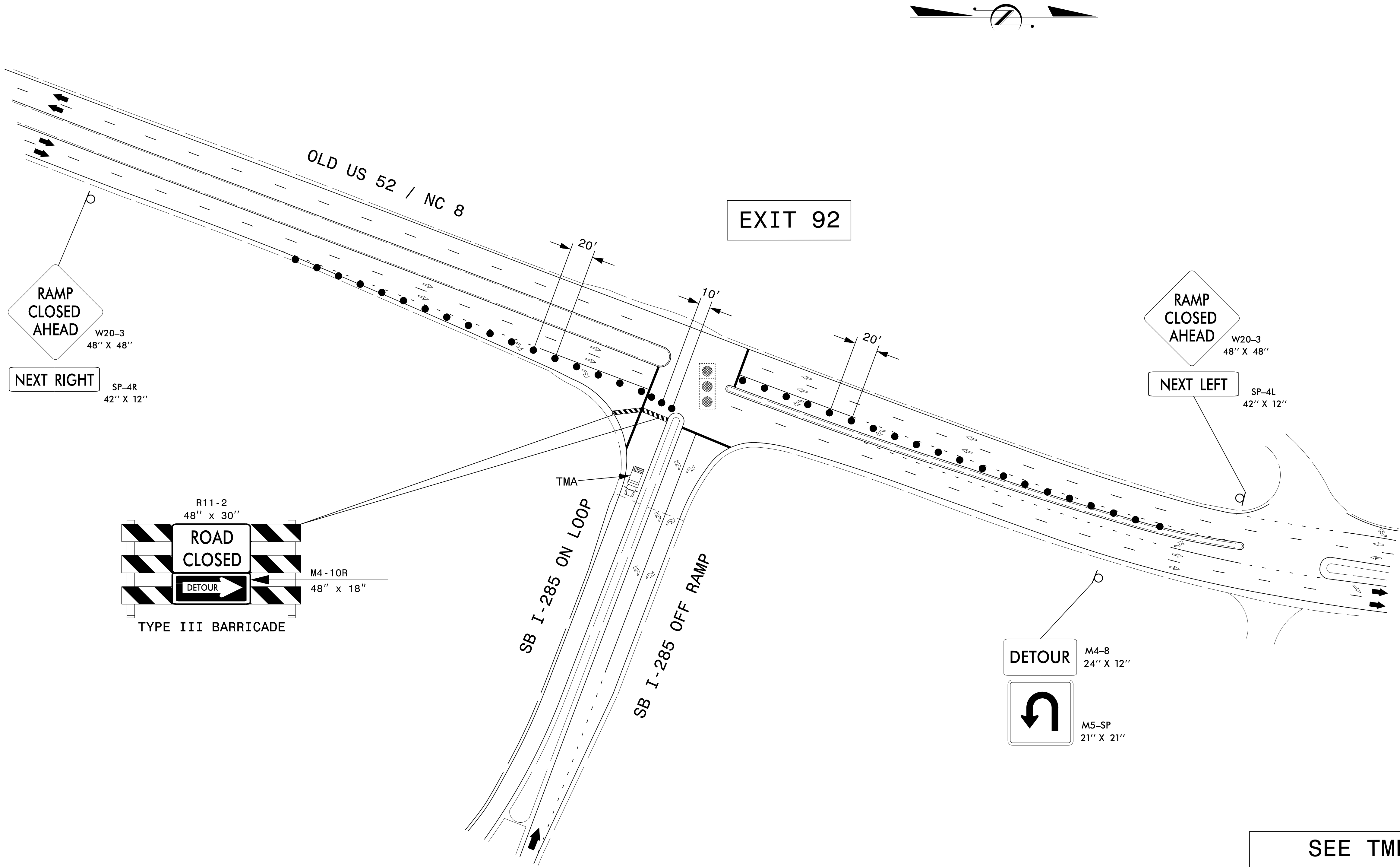
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6/23/2025
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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

DETOUR ROUTE

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 9A



SEE TMP-9
FOR RAMP DETOUR

23-JUN-2025 10:54
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jwiles AT PWD0007L



2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

<div>APPROVED: _____</div> <div>DATE: _____</div> <div>SEAL</div> <div></div> <div>6/23/2025</div> <div>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</div>	<div></div>	<div>RAMP CLOSURE DETAIL</div>
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LEGEND

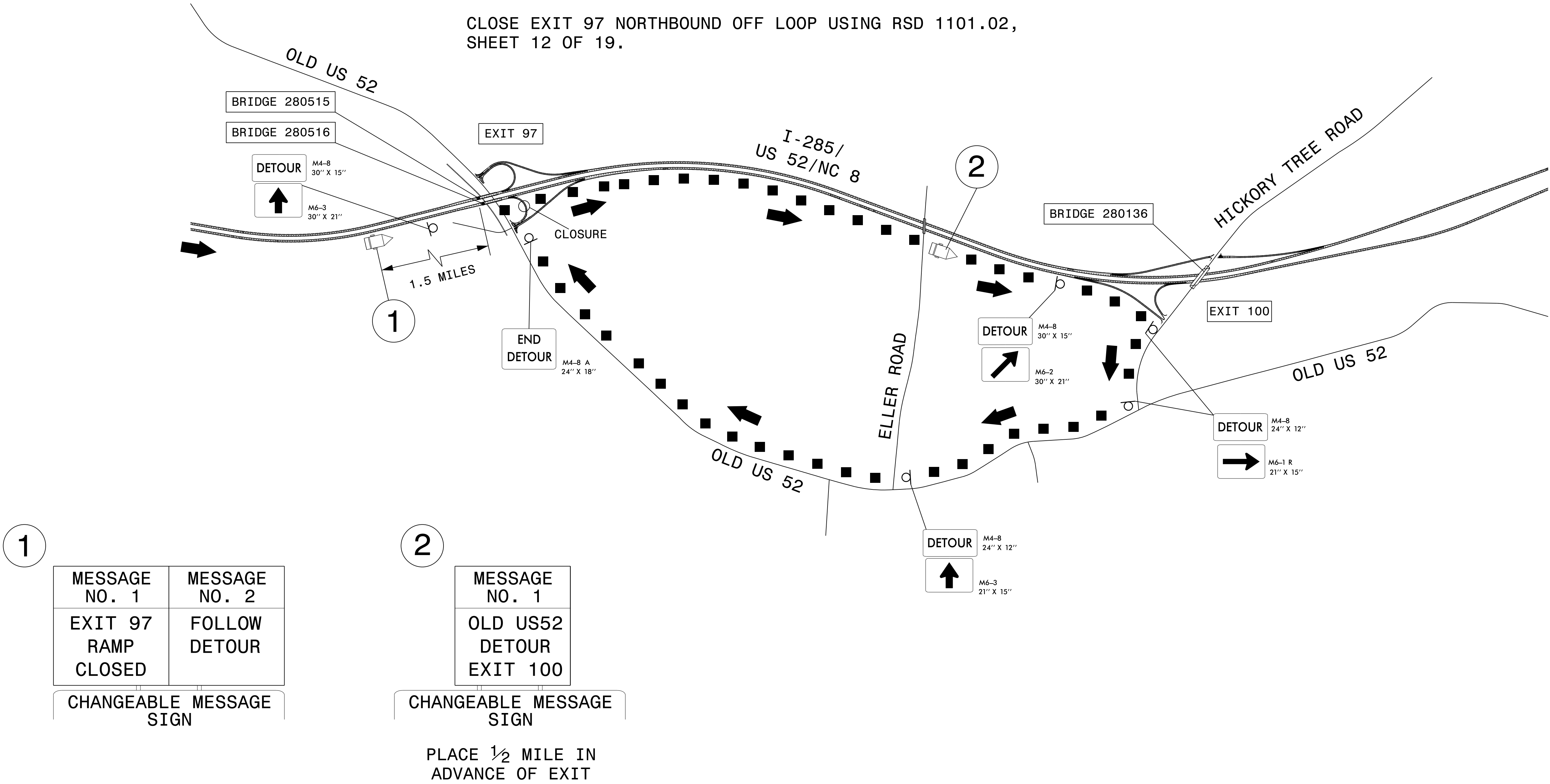
DETOUR ROUTE ■ ■ ■ ■



DETOUR FOR CLOSURE OF EXIT 97
NORTHBOUND OFF LOOP

NOTES:

CLOSE EXIT 97 NORTHBOUND OFF LOOP USING RSD 1101.02,
SHEET 12 OF 19.



1

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 97 RAMP CLOSED	FOLLOW DETOUR

CHANGEABLE MESSAGE SIGN

2

MESSAGE NO. 1
OLD US52 DETOUR EXIT 100

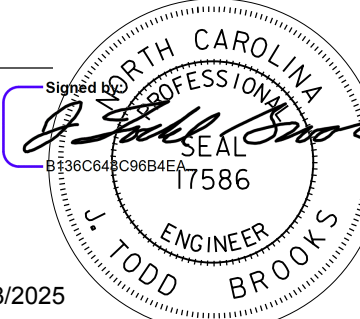
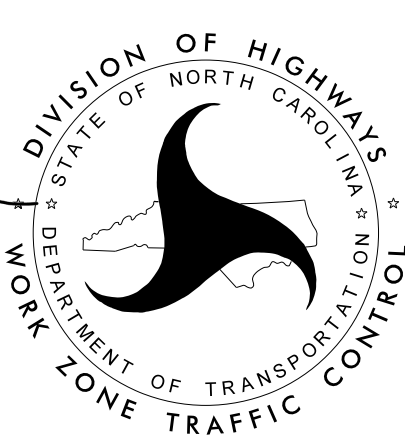
CHANGEABLE MESSAGE SIGN

PLACE 1/2 MILE IN
ADVANCE OF EXIT

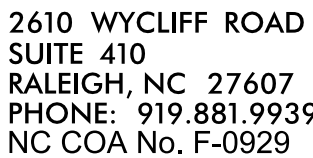
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jwiles - AT PWD\007L

 **Dewberry**

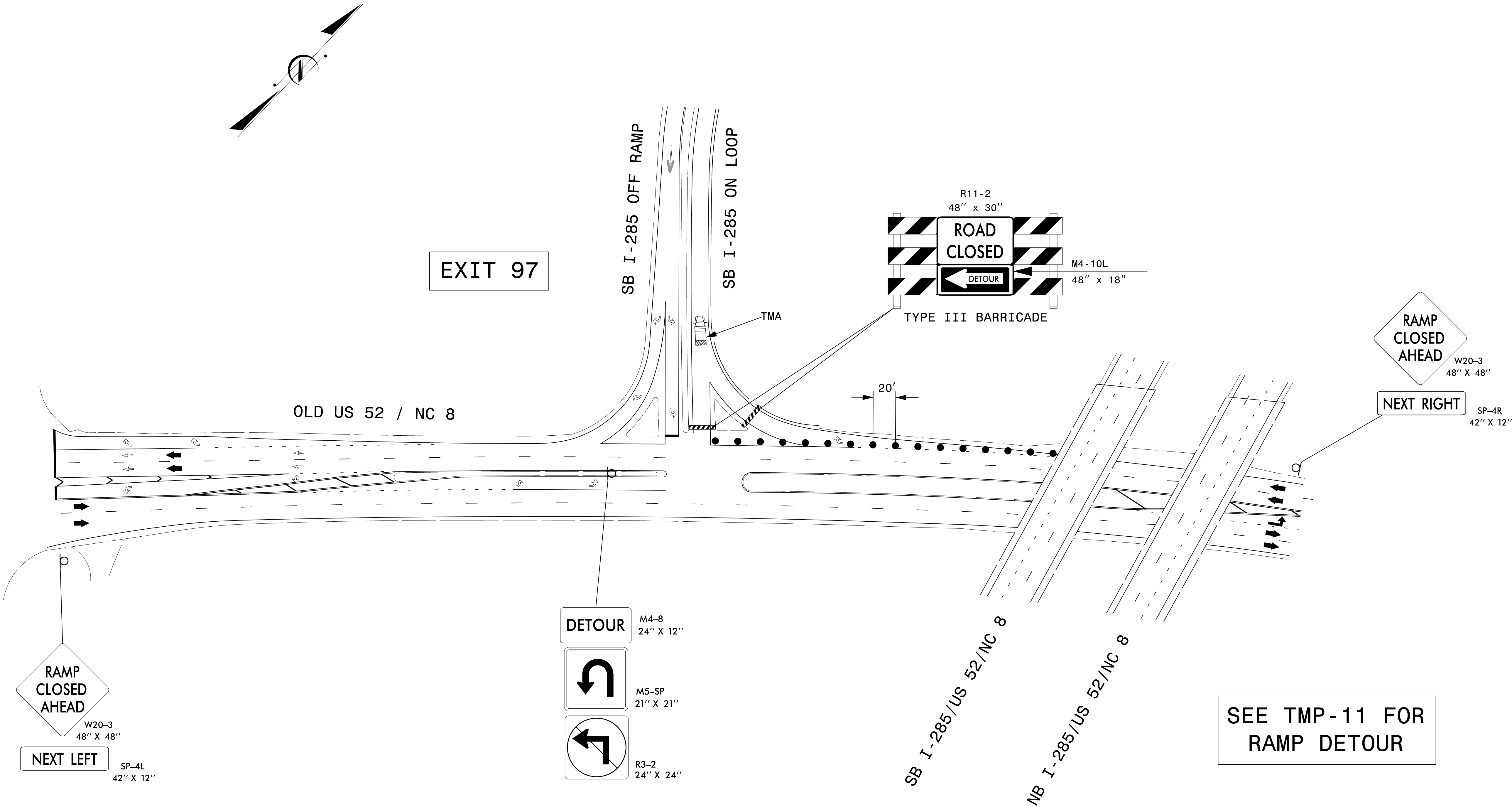
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

<div>APPROVED: _____</div> <div>DATE: _____</div> <div>SEAL</div> <div></div> <div>6/23/2025</div> <div>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</div>	<div></div>	<div>DETOUR ROUTE</div>
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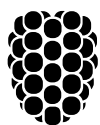
DETOUR ROUTE



PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 11A



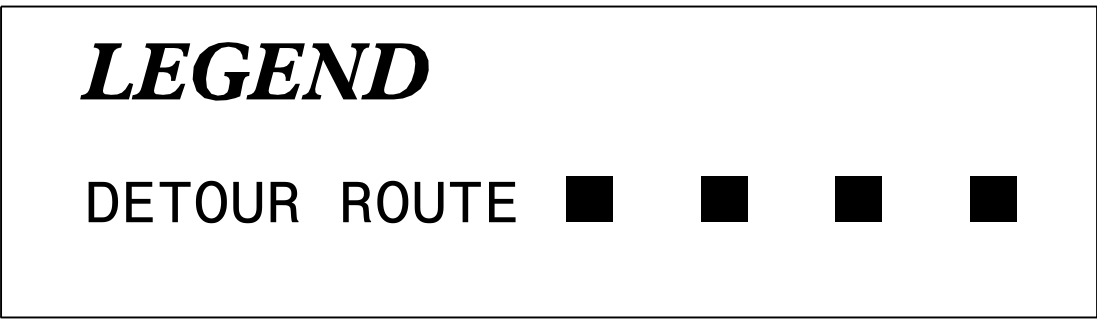
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jwiles AT PWD0007L



Dewberry

2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____ DATE: _____ SEAL 6/23/2025 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	 DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL	RAMP CLOSURE DETAIL
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DETOUR ROUTE

APPROVED: _____

DATE: _____

SEAL

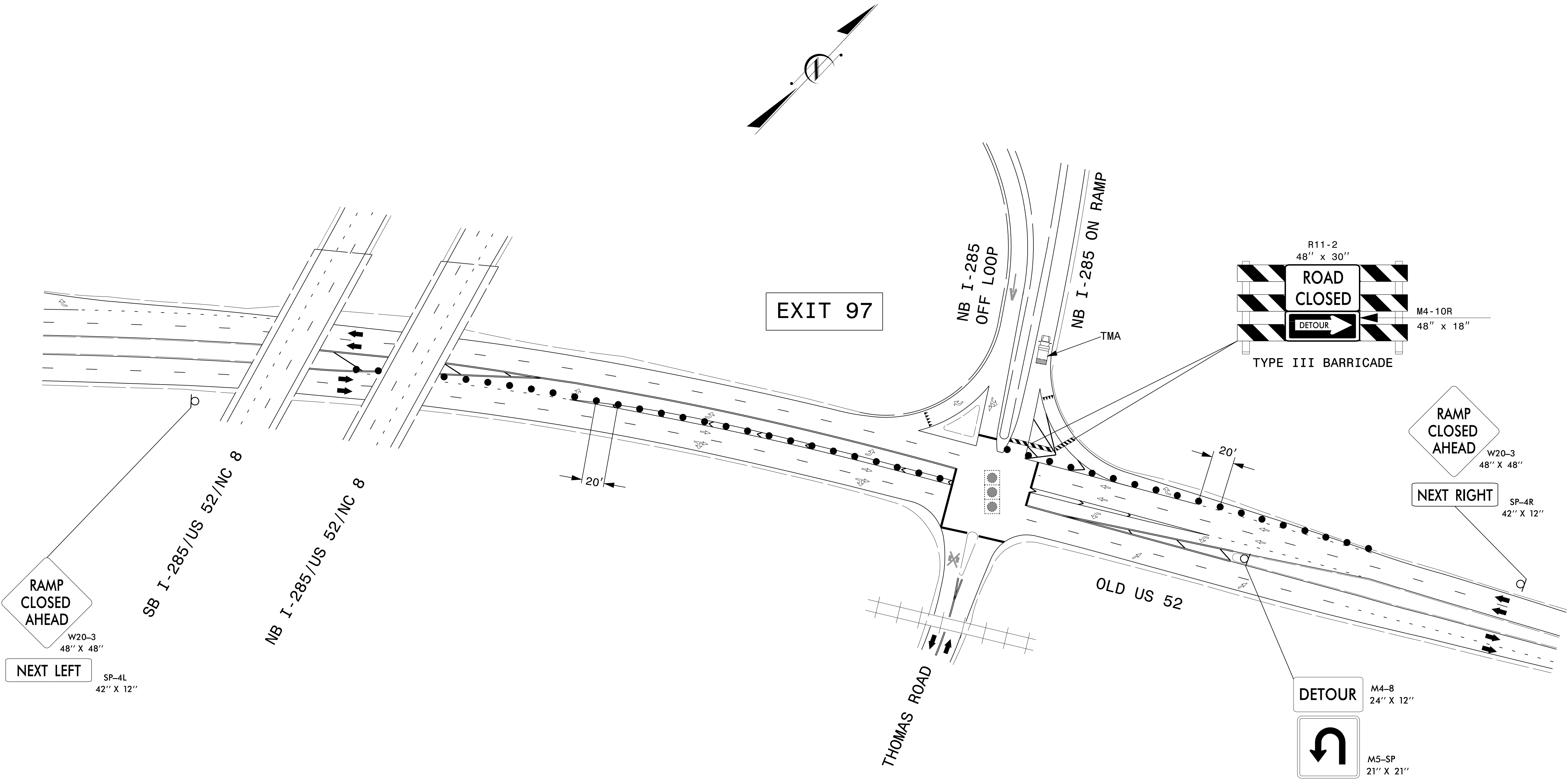
6/23/2025

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2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP -12A



23-JUN-2025 10:54
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jwiles AT PWD0007L



2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

SEE TMP-12 FOR
RAMP DETOUR

APPROVED: _____
DATE: _____
SEAL
6/23/2025
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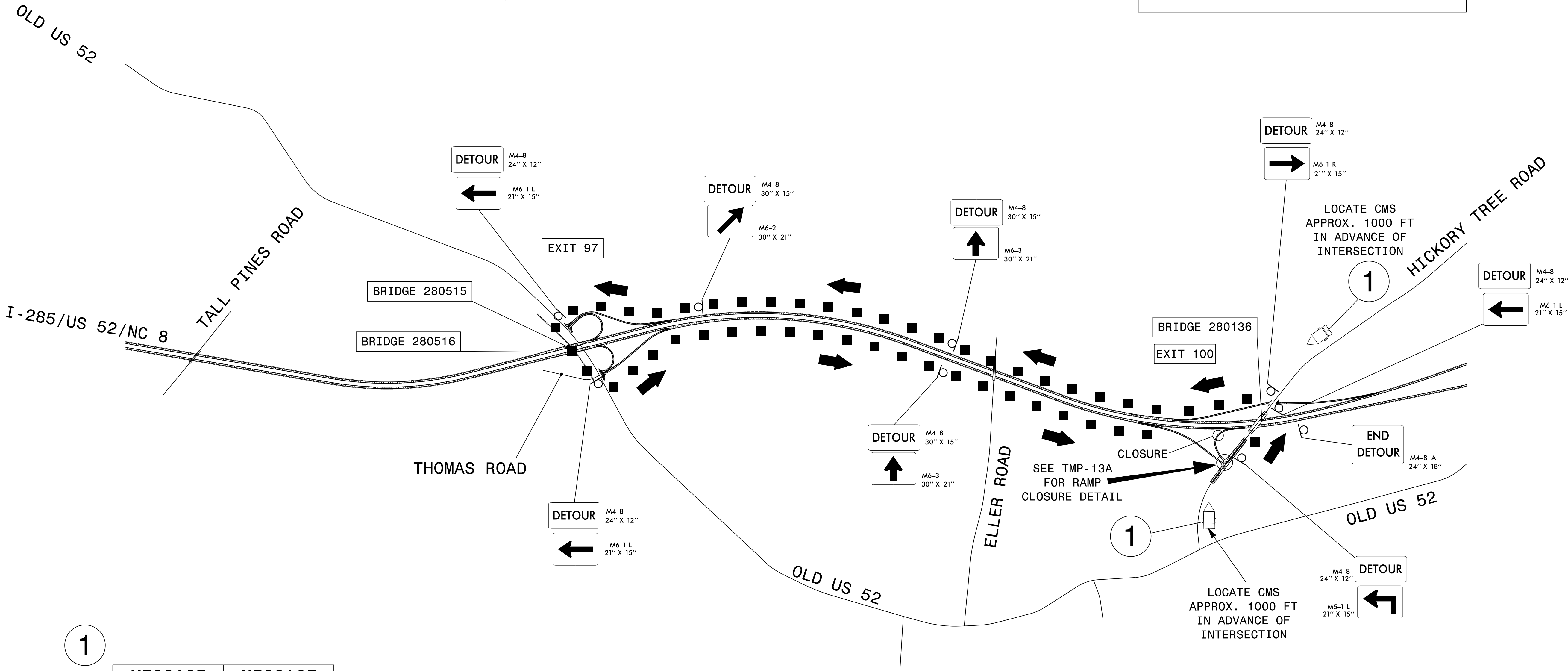
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

RAMP CLOSURE DETAIL

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 13

LEGEND

DETOUR ROUTE



1

MESSAGE NO. 1	MESSAGE NO. 2
I - 285 NB RAMP CLOSED	FOLLOW DETOUR ROUTE
CHANGEABLE MESSAGE SIGN	

DETOUR FOR CLOSURE OF EXIT 100 NORTHBOUND ON LOOP

23-JUN-2025 10:54
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jwiles AT PWD0007L



2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____
DATE: _____

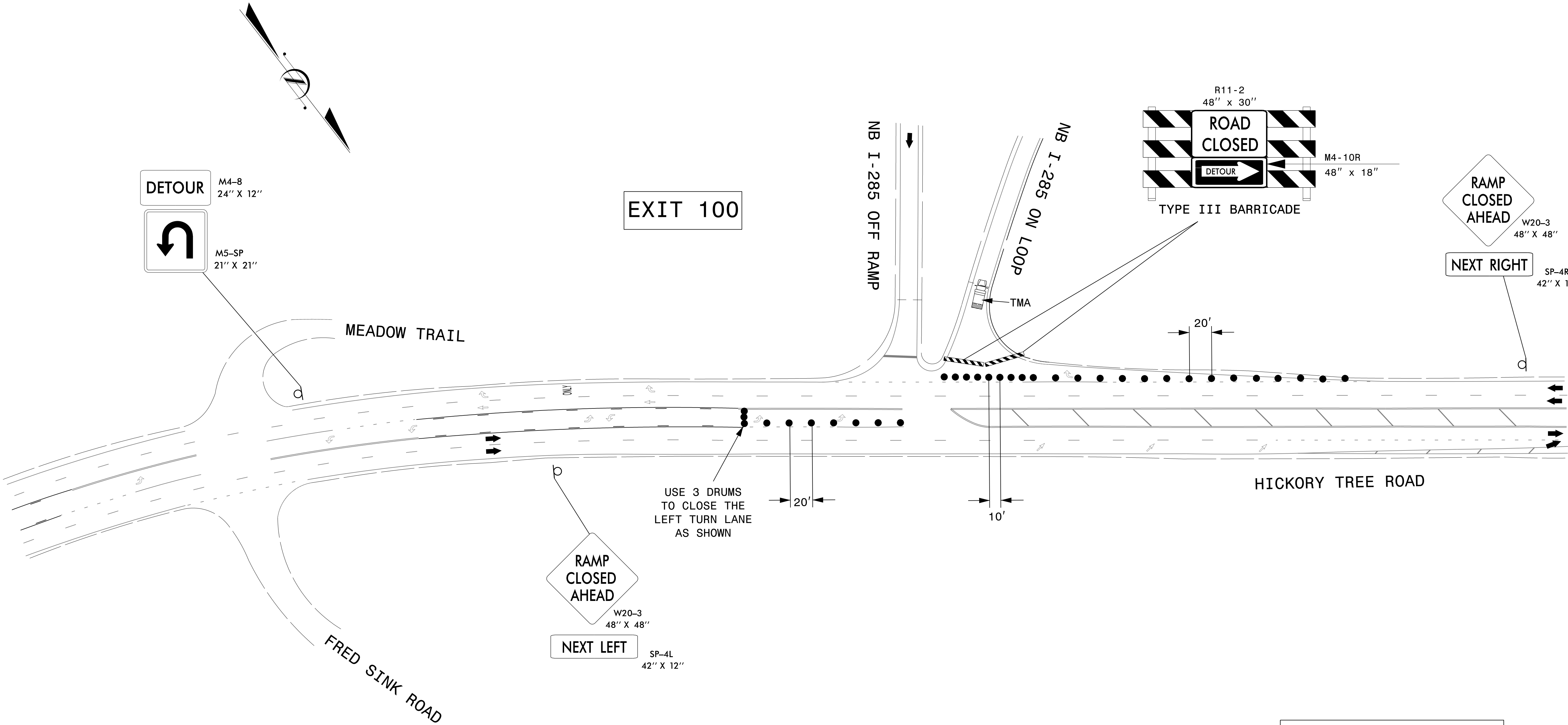
SEAL

6/23/2025
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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

**DETOUR
ROUTE**

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 13A



SEE TMP-13 FOR
RAMP DETOUR

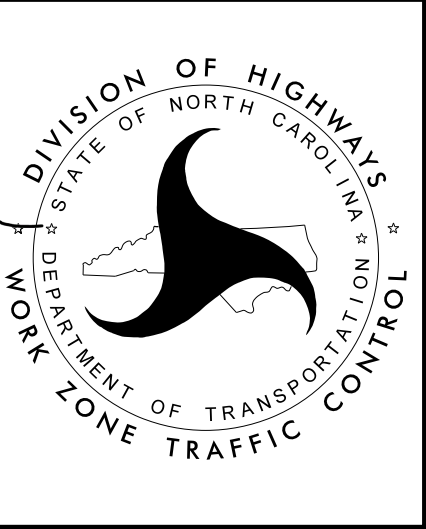
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User:rlwiles



Dewberry

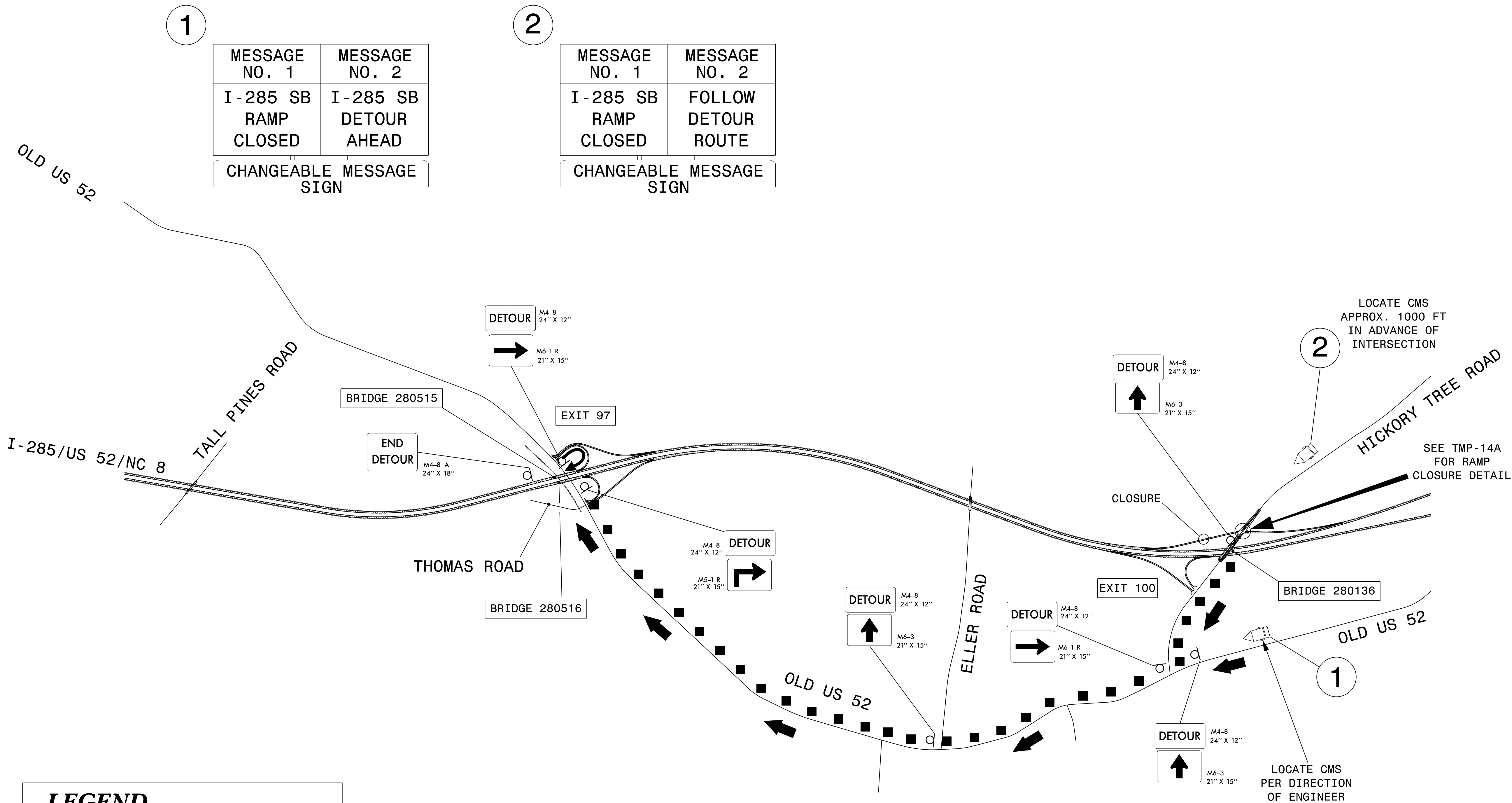
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____
DATE: _____
SEAL
6/23/2025
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



**RAMP CLOSURE
DETAIL**

PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-14



1

MESSAGE NO. 1	MESSAGE NO. 2
I-285 SB RAMP CLOSED	I-285 SB DETOUR AHEAD
CHANGEABLE MESSAGE SIGN	

2

MESSAGE NO. 1	MESSAGE NO. 2
I-285 SB RAMP CLOSED	FOLLOW DETOUR ROUTE
CHANGEABLE MESSAGE SIGN	

2

LOCATE CMS APPROX. 1000 FT IN ADVANCE OF INTERSECTION

SEE TMP-14A FOR RAMP CLOSURE DETAIL

1

LOCATE CMS PER DIRECTION OF ENGINEER

LEGEND

DETOUR ROUTE ■ ■ ■ ■

DETOUR FOR CLOSURE OF EXIT 100 SOUTHBOUND ON RAMP

23-JUN-2025 10:54
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jwiles AT PWD0007L



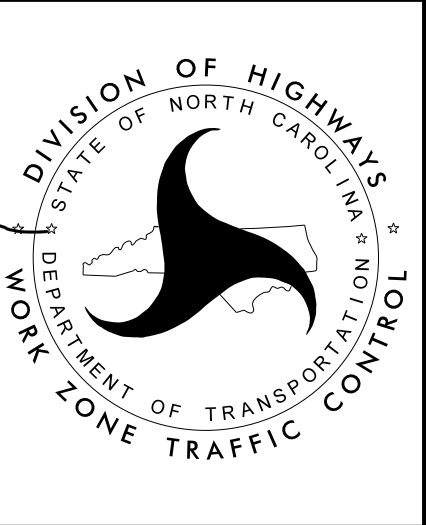
Dewberry

2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____
DATE: _____

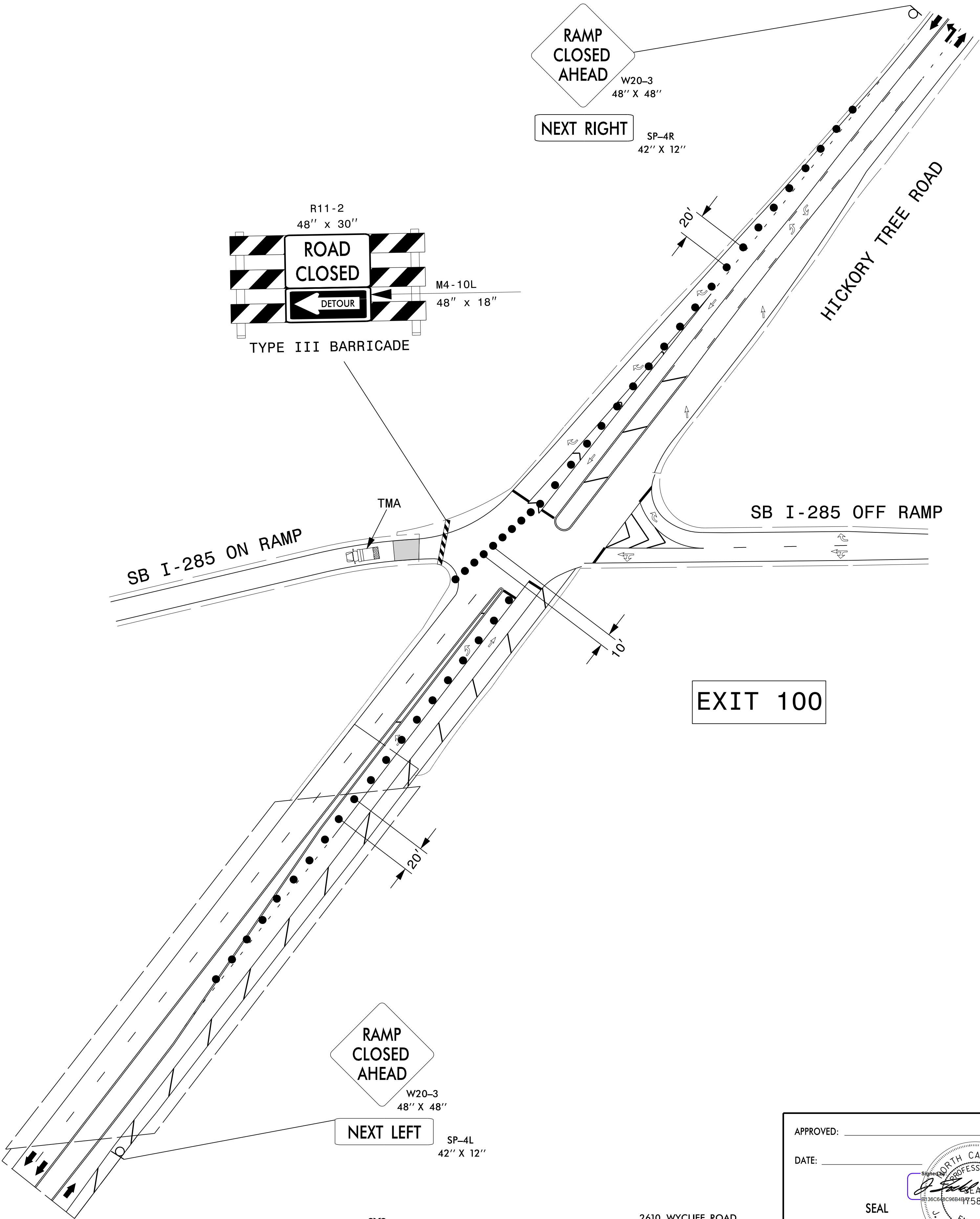
SEAL

DOCUMENT NOT CONSIDERED FINAL
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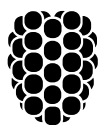
**DETOUR
ROUTE**

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 14A



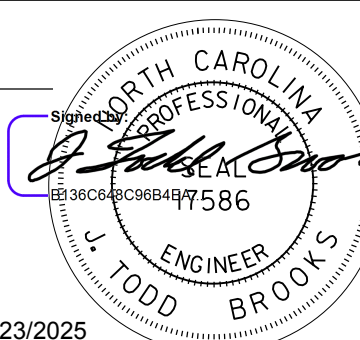
SEE TMP-14 FOR
RAMP DETOUR

23-JUN-2025 10:54
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jwiles AT PWD0007L



Dewberry

2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____
DATE: _____
SEAL

6/23/2025
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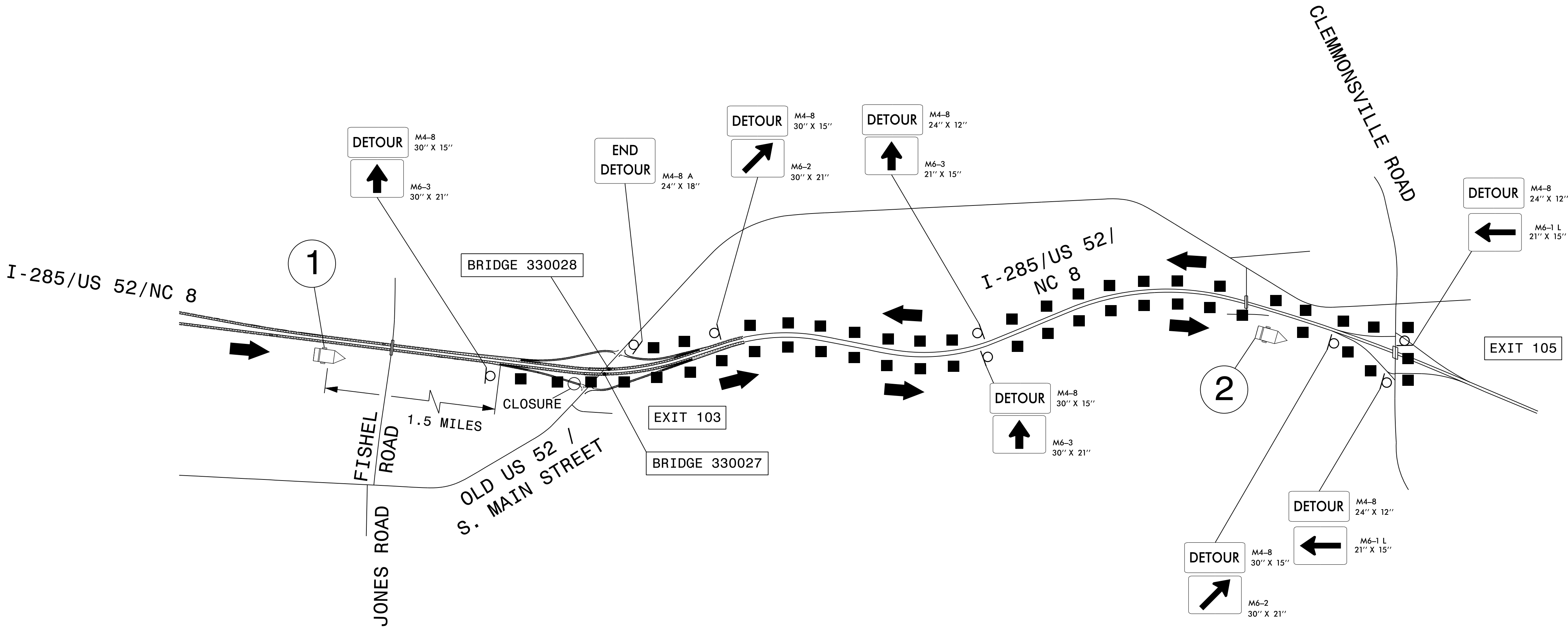


**RAMP CLOSURE
DETAIL**

DETOUR FOR CLOSURE OF EXIT 103
NORTHBOUND OFF RAMP

NOTES:

CLOSE EXIT 103 NORTHBOUND OFF RAMP USING RSD 1101.02,
SHEET 12 OF 19.



1

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 103 RAMP CLOSED	FOLLOW DETOUR

CHANGEABLE MESSAGE
SIGN

2

MESSAGE NO. 1
S MAIN DETOUR EXIT 105

CHANGEABLE MESSAGE
SIGN

PLACE 1/2 MILE IN
ADVANCE OF EXIT

LEGEND

DETOUR ROUTE ■ ■ ■ ■

DETOUR
ROUTE

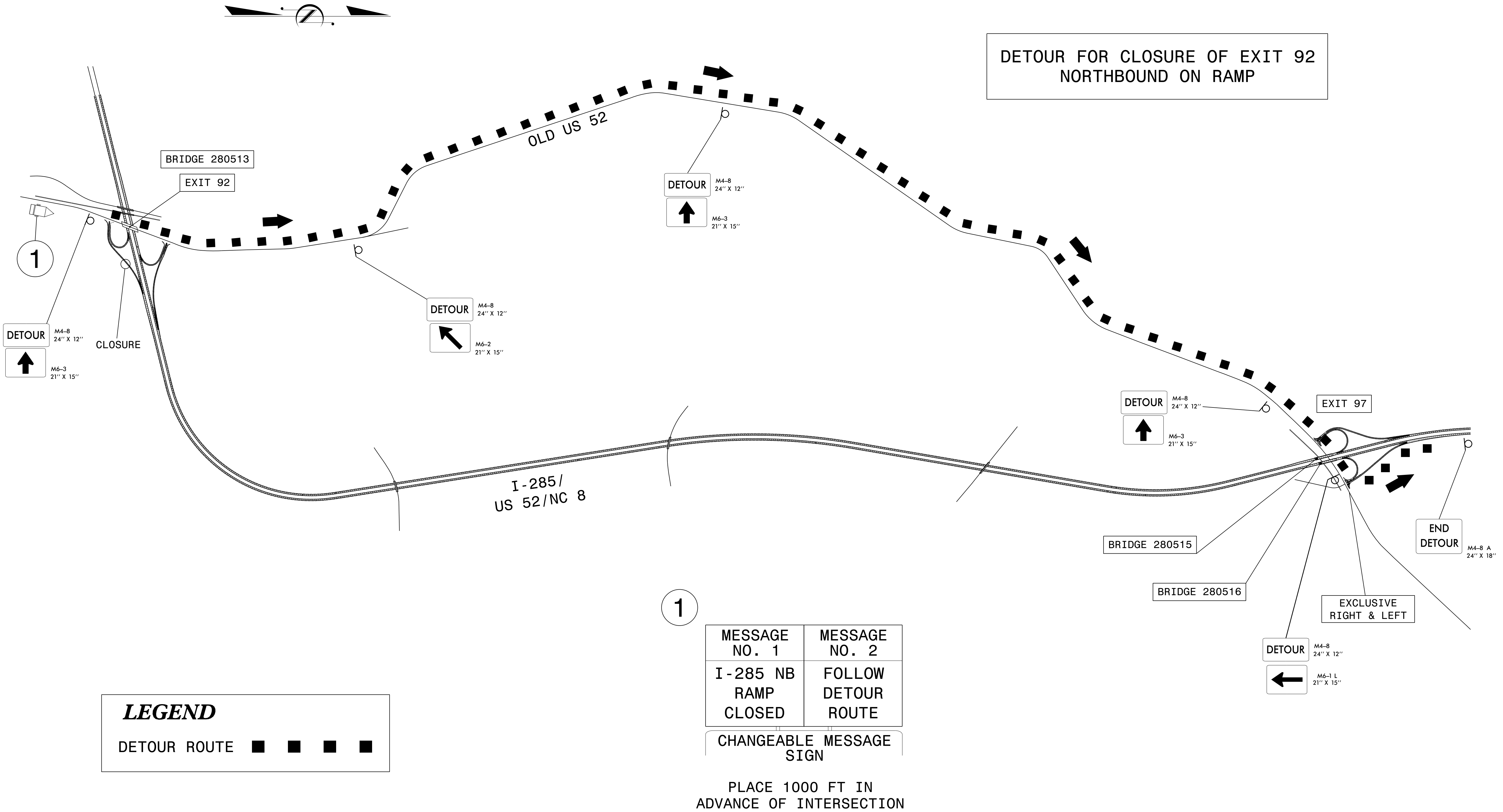
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jwiles AT PWD0007L



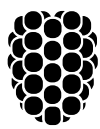
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____ DATE: _____ SEAL 6/23/2025 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			
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PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP -16



23-JUN-2025 10:54
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jwiles AT PWD0007L

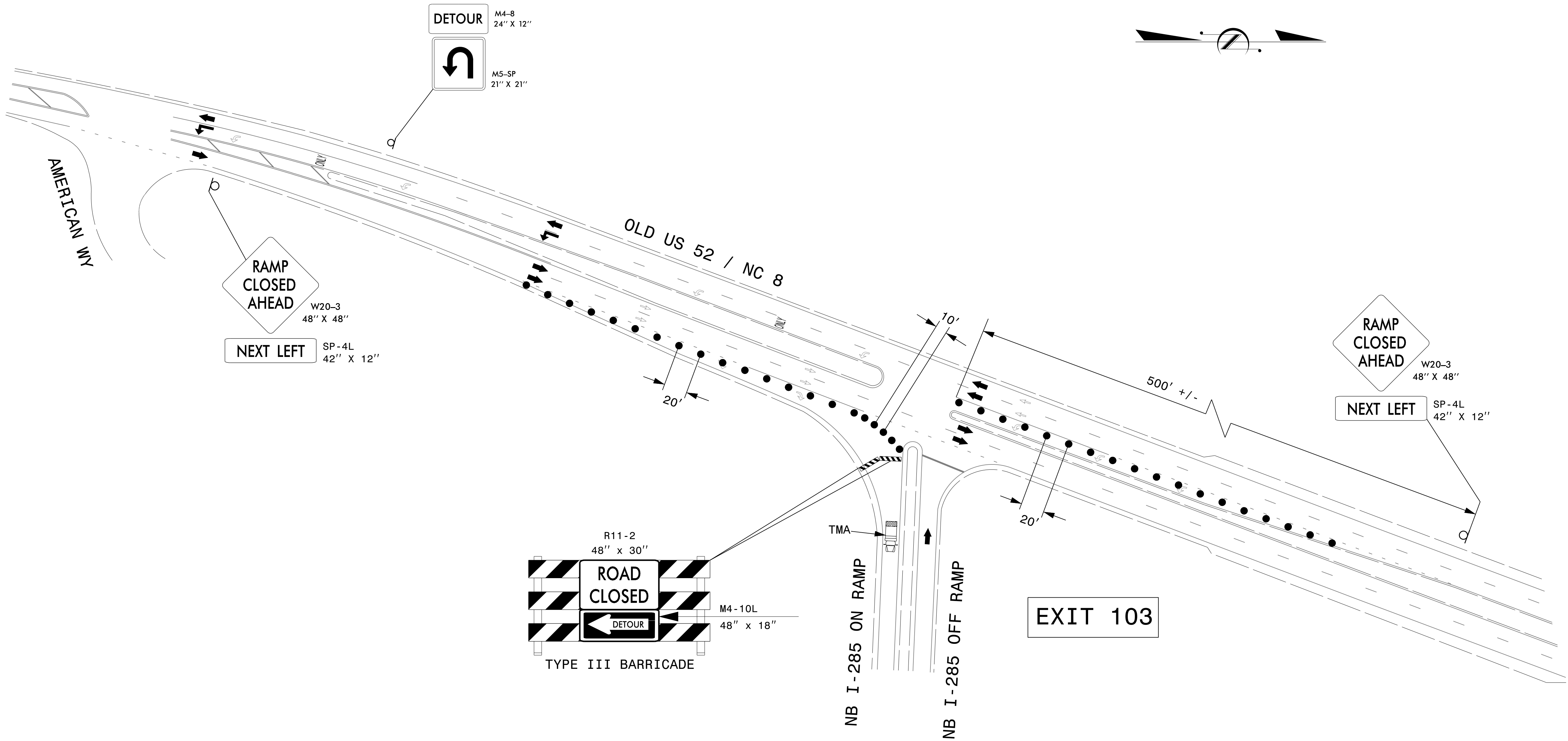


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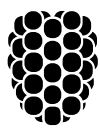
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____ DATE: _____ SEAL  6/23/2025		DETOUR ROUTE
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 16A



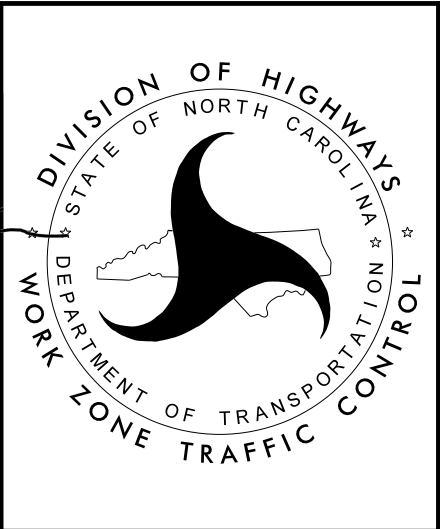
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User:rlw



Dewberry

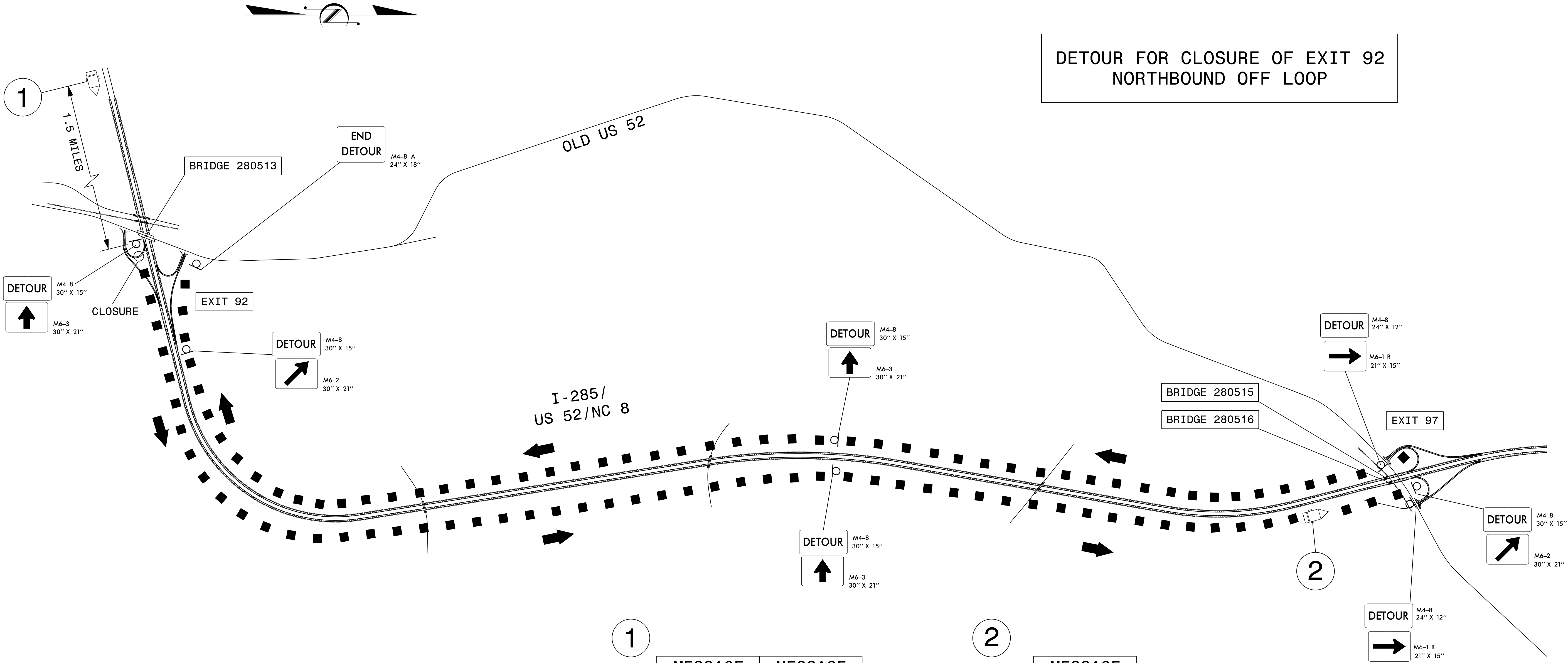
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____
DATE: _____
SEAL
6/23/2025
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**RAMP CLOSURE
DETAIL**

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP -17



LEGEND

DETOUR ROUTE ■ ■ ■ ■

1

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 92 RAMP CLOSED	FOLLOW DETOUR

CHANGEABLE MESSAGE SIGN

2

MESSAGE NO. 1

OLD US52
DETOUR
EXIT 97

CHANGEABLE MESSAGE SIGN

PLACE 1/2 MILE IN
ADVANCE OF EXIT

23-JUN-2025 10:54
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jwiles AT PWD0007L



Dewberry

2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____ DATE: _____ SEAL 6/23/2025 DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		DETOUR ROUTE
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PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 18

NOTES:

CONTRACTOR SHALL COORDINATE AND COOPERATE WITH ADJACENT PROJECT U-5757 (NC 8 - WINSTON ROAD-WIDENING PROJECT).

1

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 92 RAMP CLOSED	FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN	

2

MESSAGE NO. 1
OLD US52 DETOUR EXIT 89
CHANGEABLE MESSAGE SIGN

PLACE 1/2 MILE IN ADVANCE OF EXIT

LEGEND

DETOUR ROUTE ● ● ● ●

DETOUR
M4-8
24" X 12"
M6-1 L
21" X 15"

DETOUR
M4-8
30" X 15"
M6-2
30" X 21"

DETOUR
M4-8
24" X 12"
M6-1 L
21" X 15"

DETOUR
M4-8
30" X 15"
M6-3
30" X 21"

DETOUR
M4-8
30" X 15"
M6-3
30" X 21"

END
DETOUR
M4-8 A
24" X 18"

DETOUR
M4-8
30" X 15"
M6-2
30" X 21"

DETOUR
M4-8
30" X 15"
M6-3
30" X 21"

DETOUR FOR CLOSURE OF EXIT 92
SOUTHBOUND OFF RAMP

BRIDGE 280513

1

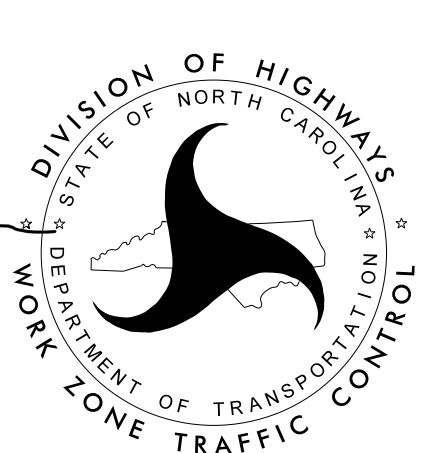
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jwiles AT PWD0007L



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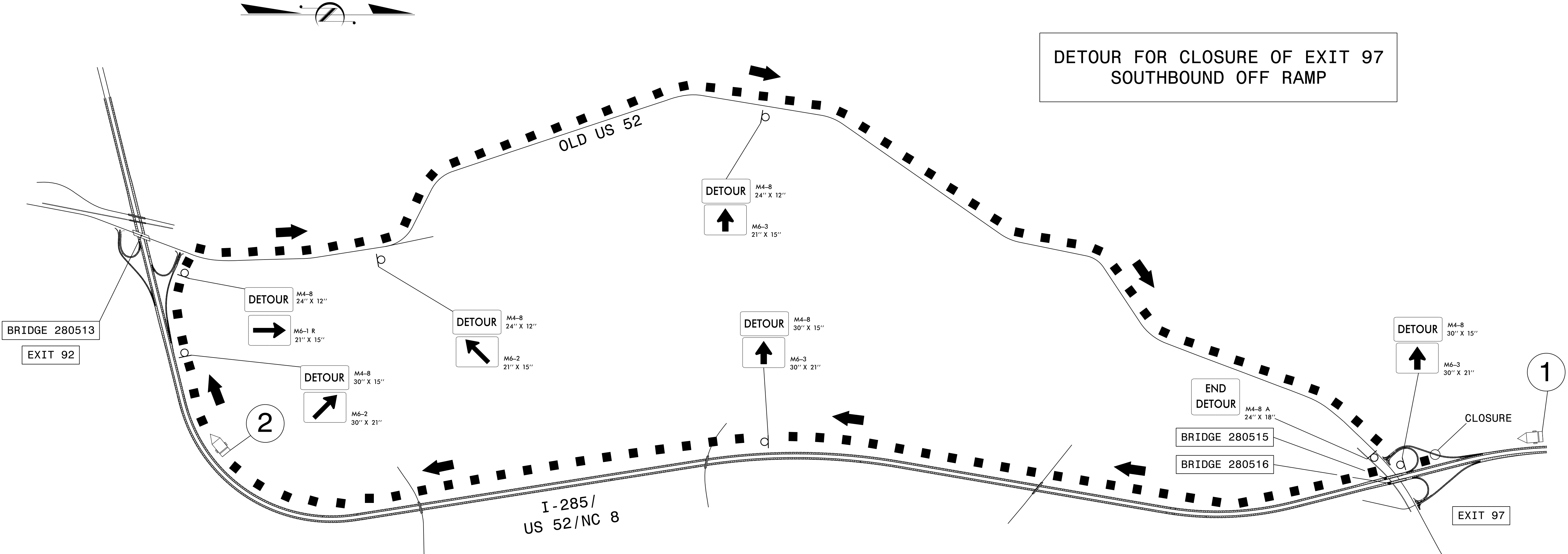
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

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DATE: _____
SEAL
6/23/2025
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UNLESS ALL SIGNATURES COMPLETED



DETOUR
ROUTE

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP -19



LEGEND

DETOUR ROUTE ■ ■ ■ ■

1

MESSAGE NO. 1	MESSAGE NO. 2
EXIT 97 RAMP CLOSED	FOLLOW DETOUR

CHANGEABLE MESSAGE SIGN

PLACE 1.5 MILES IN ADVANCE OF CLOSED EXIT

2

MESSAGE NO. 1
OLD US52 DETOUR EXIT 92

CHANGEABLE MESSAGE SIGN

PLACE 1/2 MILE IN ADVANCE OF EXIT

23-JUN-2025 10:54
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jwiles AT PWD0007L



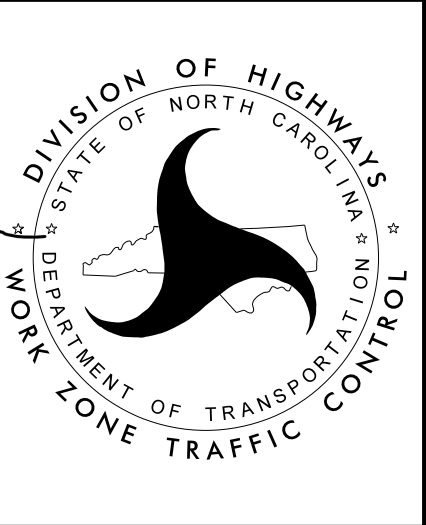
Dewberry

2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

APPROVED: _____
DATE: _____

SEAL

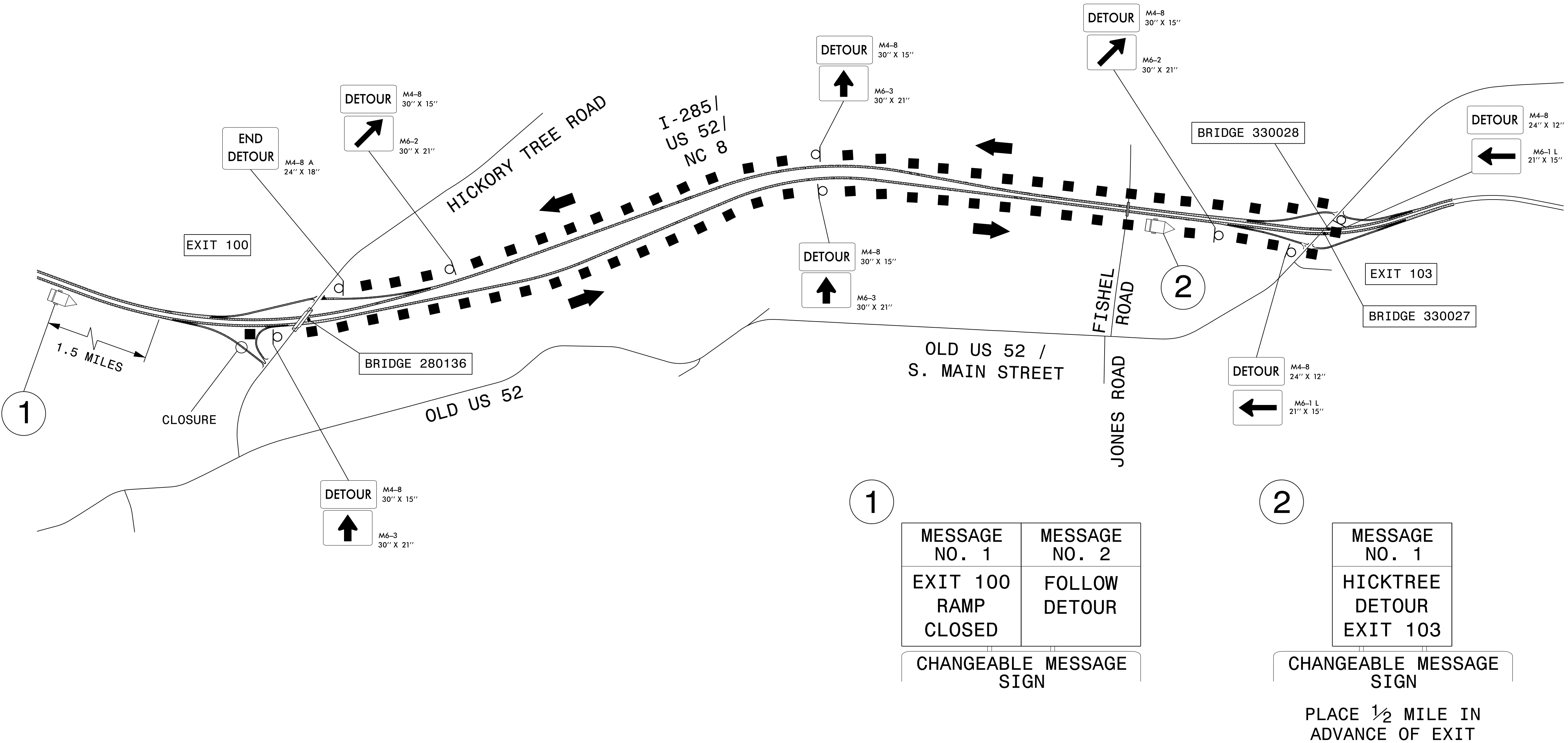
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**DETOUR
ROUTE**

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP - 20

DETOUR FOR CLOSURE OF EXIT 100
NORTHBOUND OFF RAMP



MESSAGE NO. 1	MESSAGE NO. 2
EXIT 100 RAMP CLOSED	FOLLOW DETOUR
CHANGEABLE MESSAGE SIGN	

MESSAGE NO. 1
HICKTREE DETOUR EXIT 103
CHANGEABLE MESSAGE SIGN
PLACE 1/2 MILE IN ADVANCE OF EXIT

23-JUN-2025 10:54
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jwiles AT PWD0007L



Dewberry

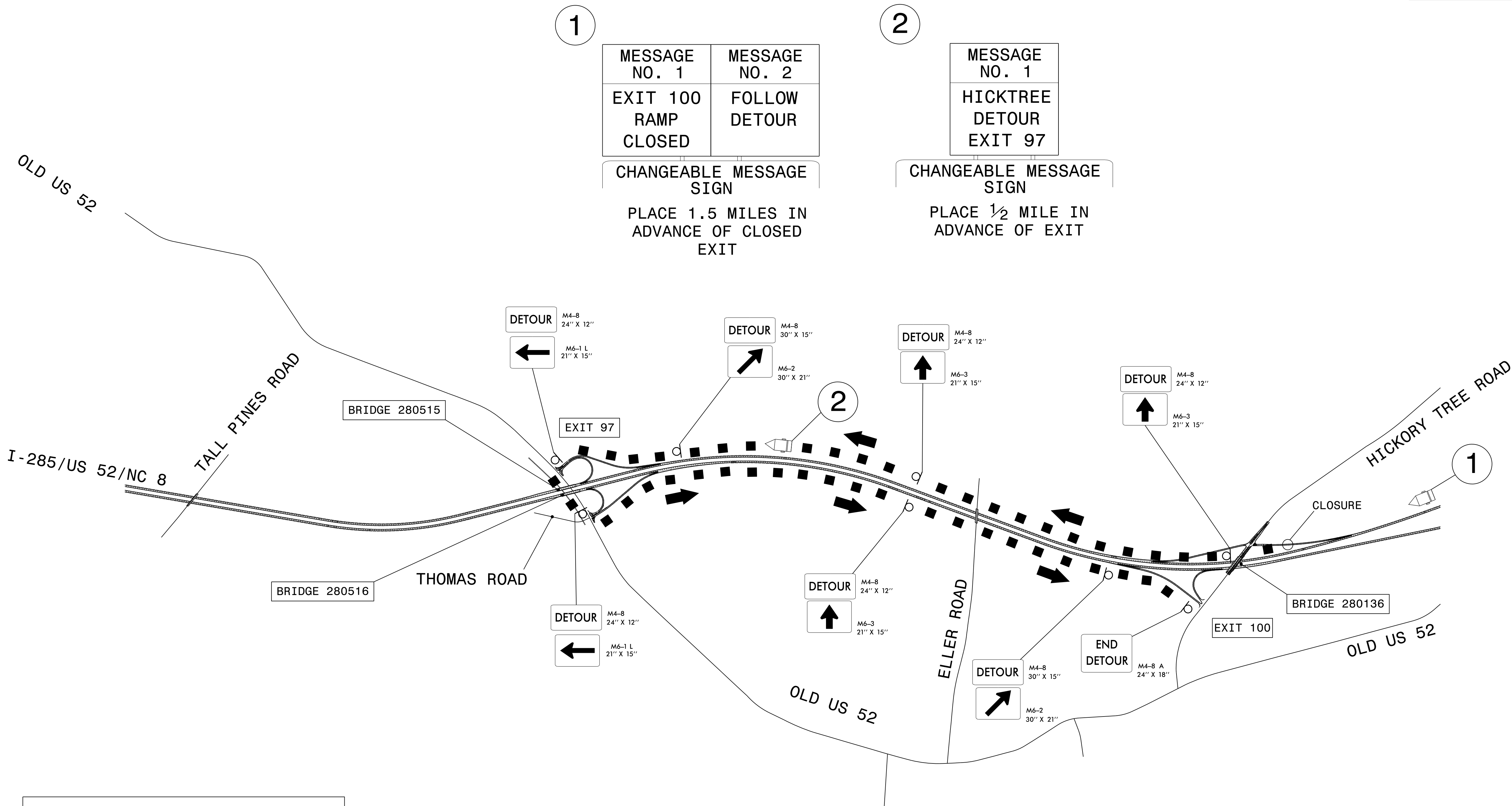
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

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**DETOUR
ROUTE**

PROJ. REFERENCE NO.	SHEET NO.
HI - 0005	TMP -21



LEGEND

DETOUR ROUTE ■ ■ ■ ■

DETOUR FOR CLOSURE OF EXIT 100
SOUTHBOUND OFF RAMP

23-JUN-2025 10:54
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jwiles AT PWD0007L



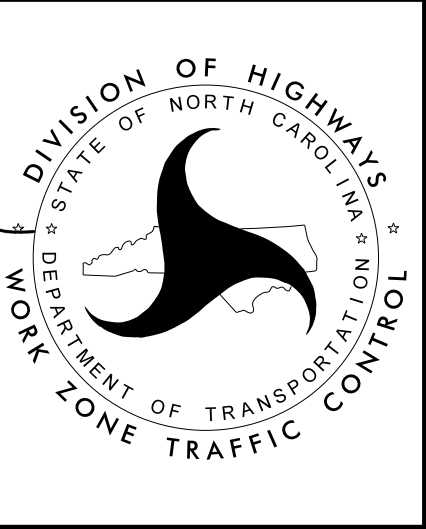
Dewberry

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SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

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DATE: _____

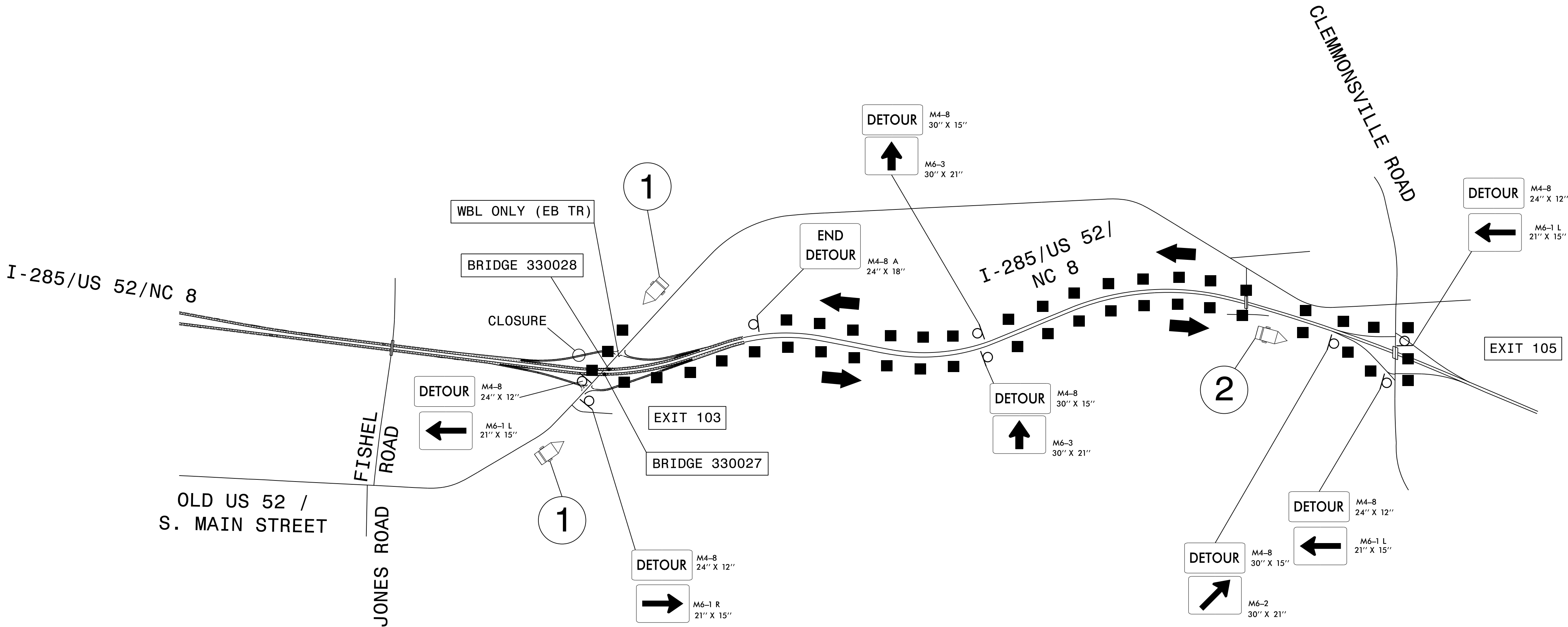
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**DETOUR
ROUTE**

DETOUR FOR CLOSURE OF EXIT 103
SOUTHBOUND ON RAMP



MESSAGE NO. 1	MESSAGE NO. 2
I - 285 SB RAMP CLOSED	FOLLOW DETOUR ROUTE
CHANGEABLE MESSAGE SIGN	

PLACE 1000 FT IN
ADVANCE OF INTERSECTION

LEGEND

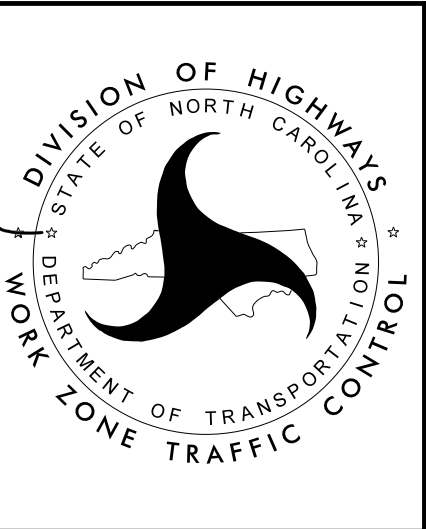
DETOUR ROUTE ■ ■ ■ ■



Dewberry

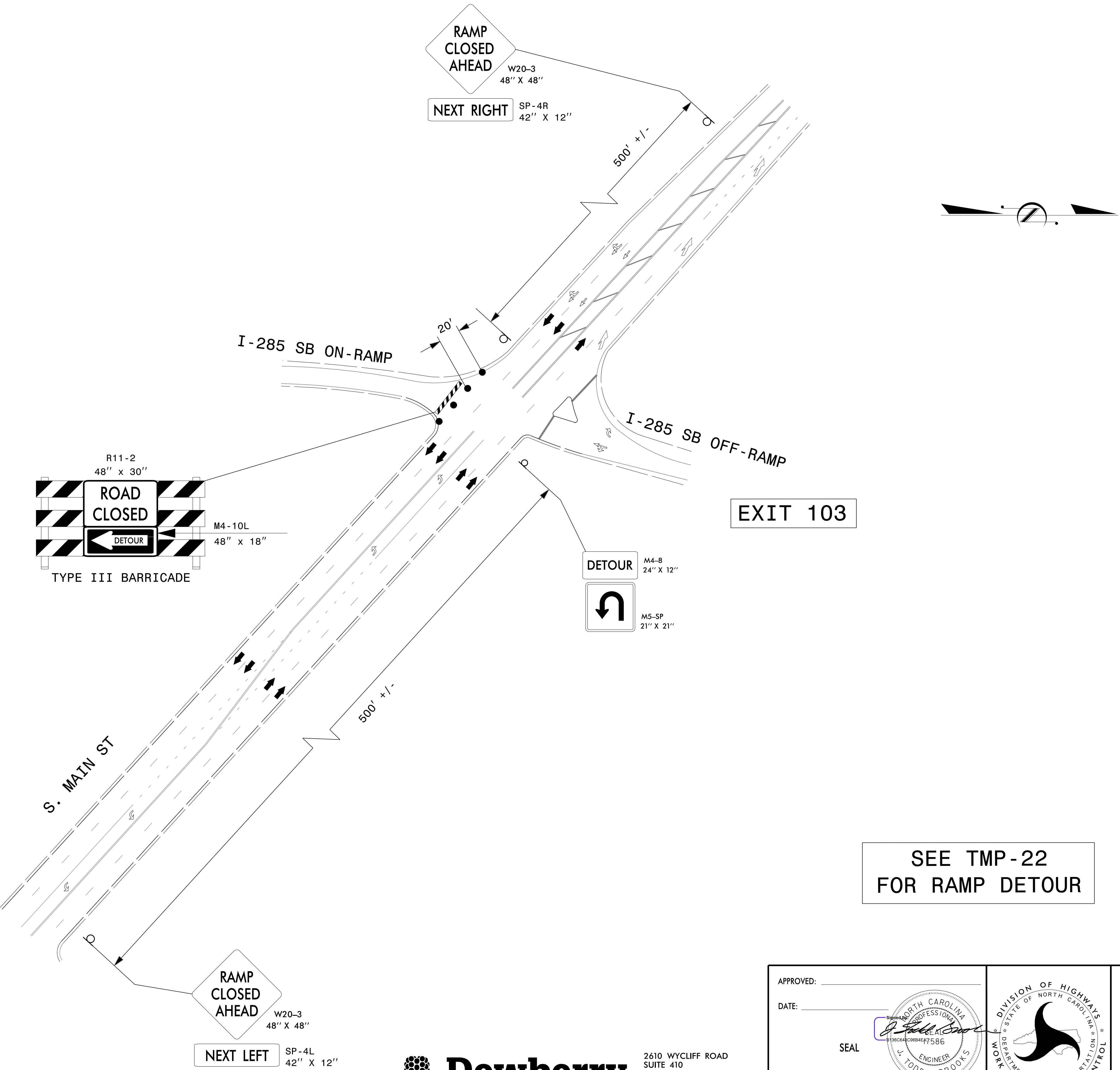
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

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**DETOUR
ROUTE**

PROJ. REFERENCE NO.	SHEET NO.
HI-0005	TMP-22A



SEE TMP-22
FOR RAMP DETOUR

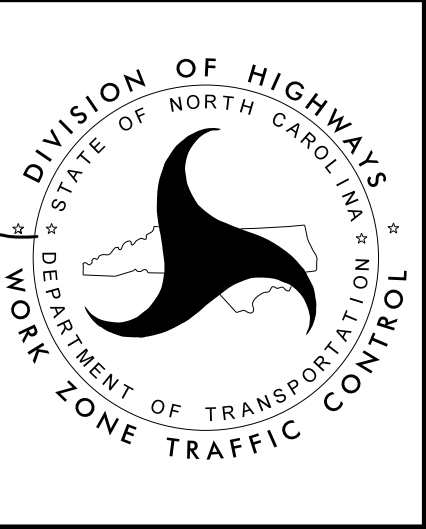
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User:rlwiles



Dewberry

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NC COA No. F-0929

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**RAMP CLOSURE
DETAIL**

SIGN NUMR: M5-SP
TYPE: F Ground
QUANTITY: 1

SIGN WIDTH: 1'-9"
HEIGHT: 1'-9"
TOTAL AREA: 3.1 Sq.Ft.

MAT'L: 0.063 " ALUMINUM

BORDER TYPE: RECESSED
RECESS: 0.38"
WIDTH: 0.63"
RADII: 1.5"

NO. Z BARS:
LENGTH:


BACKG. COLOR: Fluorescent Orange
COPY COLOR: Black

DESIGN BY:
PROJECT ID: HI-0005

CHK BY:
DIV: 09

STD #:
DATE:

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY & SAFETY
SIGNING & DELINEATION UNIT



SYMBOL	X	Y	WID	HT
u arrow	3.7	3.5	12.7	13.9

1'-9"

3.55"

13.9"

3.55"

1'-9"

3.7"

12.7"

4.7"

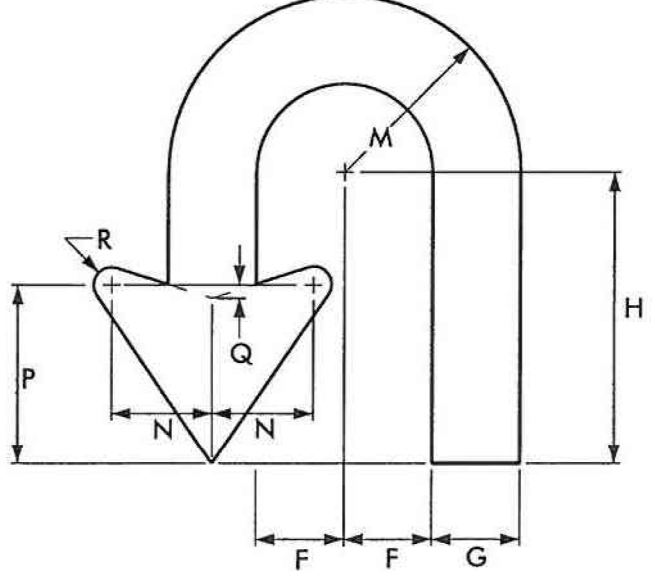
BORDER
R=1.5"
TH=0.63"
IN=0.38"

NOTES:

1. Legend and border shall be direct applied
Non-reflective sheeting.

2. Background shall be Grade B reflective sheeting.

Arrow Details



ARROW DIMENSIONS (INCHES)	F	G	H	M	N	P	Q	R
	2.625	2.625	8.659	5.25	3	5.25	0.375	0.5

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

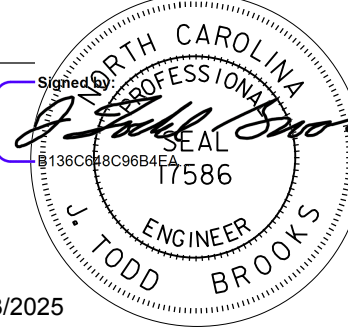
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User:rlwiles



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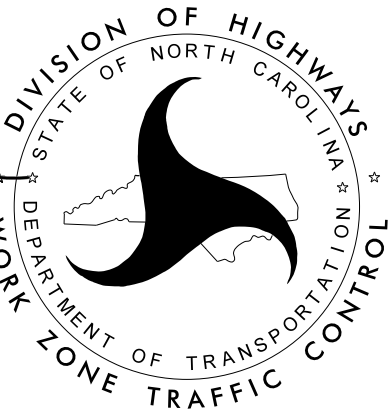
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DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

TEMPORARY
SIGN DESIGN