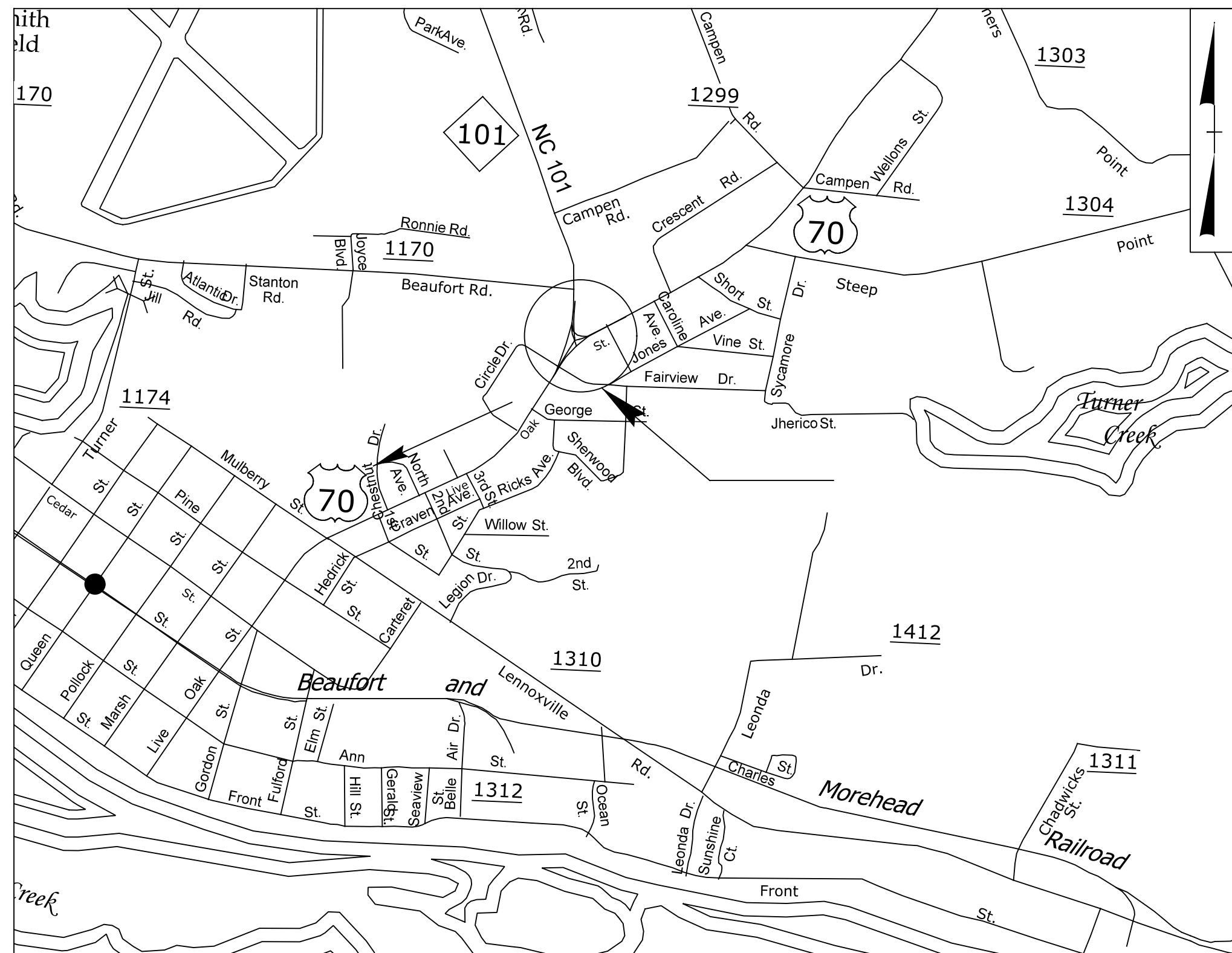
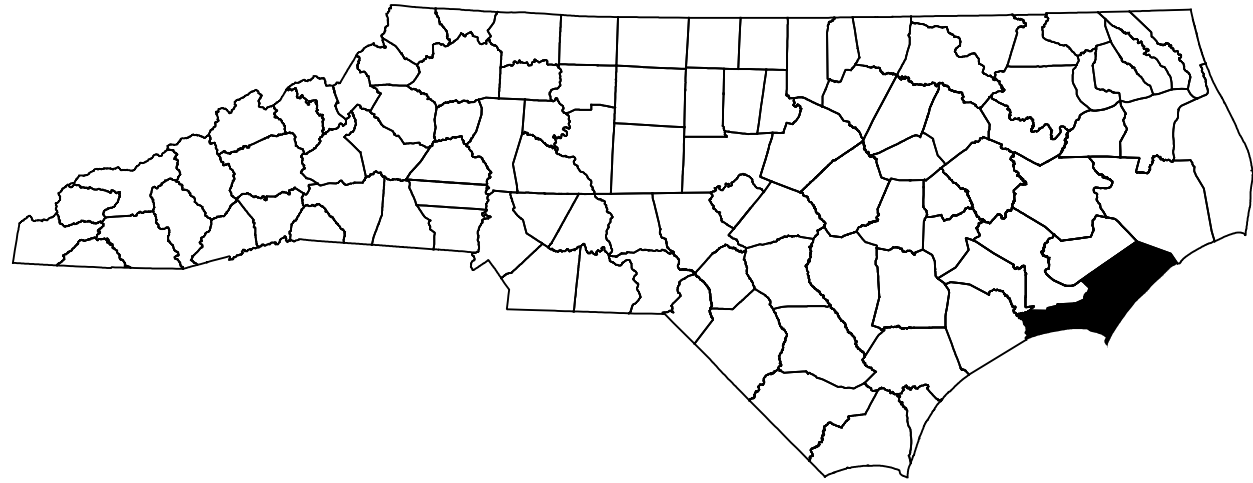


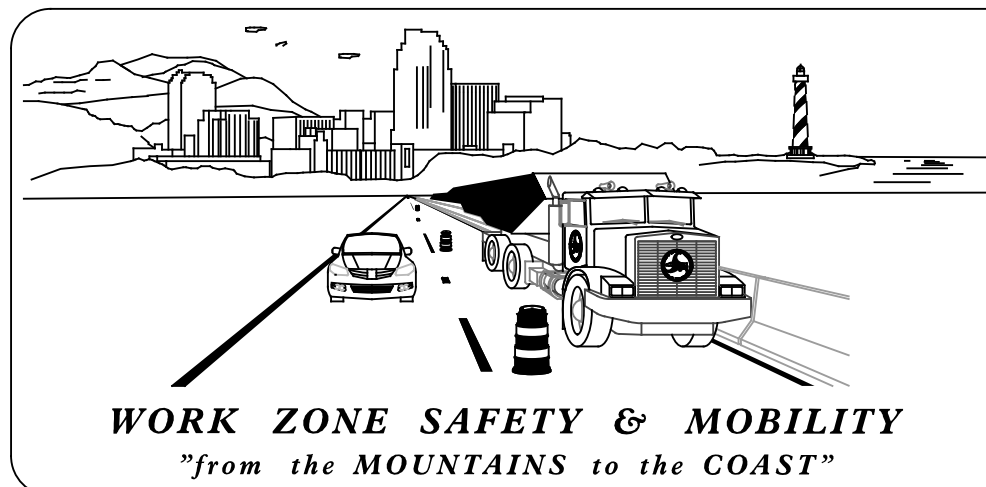
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

CARTERET COUNTY



LOCATION: SINGLE LANE ROUNDABOUT AT THE INTERSECTION OF
SR 1493 (LIVE OAK STREET) AND NC 101 IN CARTERET COUNTY



PLANS PREPARED BY:
JOHN BAUMAN, P.E.

NCDOT CONTACT:
CATHRINE HOSSACK MEYER, P.E.
PROJECT ENGINEER



TRANSYSTEMS

1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: F-0453

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

APPROVED: John Bauman
DATE: 5/28/2025

SEAL



SHEET NO.
TMP-1

CONTRACT: C205075 TIP PROJECT: U-6058

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-1B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES AND GENERAL NOTES)
TMP-1C	PAVEMENT MARKER DETAIL
TMP-2	PHASING
TMP-2A	SPECIAL SIGN DESIGN
TMP-3	PHASE I
TMP-4	PHASE II
TMP-5	PHASE III
TMP-6	PHASE IV
TMP-7	OFFSITE DETOUR
TMP-8	ROAD CLOSURE
TMP-9	OFFSITE DETOUR
TMP-10	ROAD CLOSURE
TMP-11	OFFSITE DETOUR
TMP-12	ROAD CLOSURE






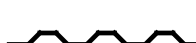
ROADWAY STANDARD DRAWINGS


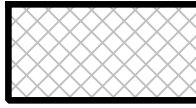
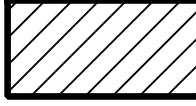

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
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 - TYPE III
1150.01	FLAGGING DEVICES
1165.01	TRUCK MOUNTED ATTENUATOR
1180.01	SKINNY DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY

LEGEND

GENERAL

-  DIRECTION OF TRAFFIC FLOW
-  DIRECTION OF PEDESTRIAN TRAFFIC FLOW
-  EXIST. PVMT.
-  NORTH ARROW
-  PROPOSED PVMT.
-  TEMP. SHORING (LOCATION PURPOSES ONLY)

-  WORK AREA
-  REMOVAL
-  CONSTRUCTION UNDER TRAFFIC
-  USER DEFINED (IF NEEDED)












SIGNALS

-  EXISTING
-  PROPOSED
-  TEMPORARY




PAVEMENT MARKINGS

-  EXISTING LINES
-  TEMPORARY LINES




TRAFFIC CONTROL DEVICES

-  BARRICADE (TYPE III)
-  CONE
-  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
- 
- 

TEMPORARY PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION
	PAINT(4")
P2	WHITE SOLID LANE LINE
P4	3 FT. - 9 FT./SP WHITE MINISKIP
P5	2 FT. - 6 FT./SP WHITE MINISKIP
P11	YELLOW SINGLE CENTER
P12	10 FT. YELLOW SKIP
P13	YELLOW DOUBLE CENTER
	PAINT(8")
P42	YELLOW DIAGONAL
	PAINT SYMBOL
P70	LEFT TURN ARROW
P71	RIGHT TURN ARROW
	TEMPORARY MARKERS
MH	YELLOW/YELLOW TEMPORARY RAISED
MI	CRYSTAL/RED TEMPORARY RAISED

MANAGEMENT STRATEGIES

- LOCAL ACCESS TO ALL RESIDENCES AND BUSINESSES WILL BE MAINTAINED DURING CONSTRUCTION.
- TRAFFIC WILL BE MAINTAINED THROUGH CONSTRUCTION WITH THE USE OF LANE CLOSURES AND ROAD CLOSURES
- AN OFFSITE DETOUR IS PROVIDED WHEN A ROAD CLOSURE IS NECESSARY. PLEASE CONTACT TIM BELL AT (252) 714-8253 TO SYNCHRONIZE SIGNALS ALONG DETOUR ROUTE
- PROVIDE THIRTY CALENDAR DAYS NOTICE TO THE ENGINEER, CARTERET COUNTY EMERGENCY SERVICES (252)-222-5841, CARTERET COUNTY FIRE MARSHAL (252)-222-5841, AND CARTERET COUNTY SCHOOL OFFICIALS (252)-728-4583 PRIOR TO ALTERING THE TRAFFIC PATTERN.

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 UNDESIRABLE 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 AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
SR 1493 (LIVE OAK ST.)	MONDAY THRU FRIDAY
NC 101	7:00 A.M.-9:00 A.M. AND 4:00 P.M.-6:00 P.M.

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

ROAD NAME
SR 1493 (LIVE OAK ST.)
NC 101

HOLIDAY

- FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
- FOR NEW YEAR’S, BETWEEN THE HOURS OF 7:00 A.M. DECEMBER 31ST TO 6:00 P.M. JANUARY 2ND. IF NEW YEAR’S DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN UNTIL 6:00 P.M. THE FOLLOWING TUESDAY.
- FOR EASTER, BETWEEN THE HOURS OF 7:00 A.M. THURSDAY TO 6:00 P.M. MONDAY.
- FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY TO 6:00 P.M. TUESDAY.
- FOR INDEPENDENCE DAY, BETWEEN THE HOURS OF 7:00 A.M. THE DAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE DAY AFTER INDEPENDENCE DAY.

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY, OR MONDAY THEN BETWEEN THE HOURS OF 7:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.

- FOR LABOR DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY AND 6:00 P.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 A.M. TUESDAY TO 6:00 P.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 7:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.

LANE AND SHOULDER CLOSURE REQUIREMENTS

- C) 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.
- D) 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.
- E) 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. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.
- F) 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.

- G) 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.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- H) BACKFILL AT A 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.

- I) 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) 350 FEET IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

- J) NOTIFY THE ENGINEER THIRTY CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- K) INSTALL ADVANCE WORK ZONE WARNING SIGNS 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.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE 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.

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

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

TRAFFIC CONTROL DEVICES

- O) 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 OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 1135 (CONES), AND 1180 (SKINNY DRUMS) FOR ADDITIONAL REQUIREMENTS.
- P) PLACE TYPE III BARRICADES, WITH “ROAD CLOSED” SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
SR 1493	PAINT	TEMPORARY RAISED
NC 101	PAINT	TEMPORARY RAISED

- R) 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.

- S) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

- T) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY’S OPERATION.

- U) TRACE THE PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO INSTALLATION. PLACE DRUMS TO DELINEATE ANY PROPOSED MONOLITHIC ISLANDS.

MISCELLANEOUS

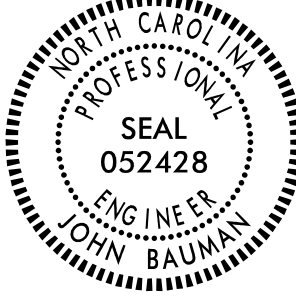
- V) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY’S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE “LOOSE GRAVEL” SIGNS (W8-7) AND BLACK ON ORANGE “PAVEMENT ENDS” SIGNS (W8-3) (350 FEET) AND (350 FEET) RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

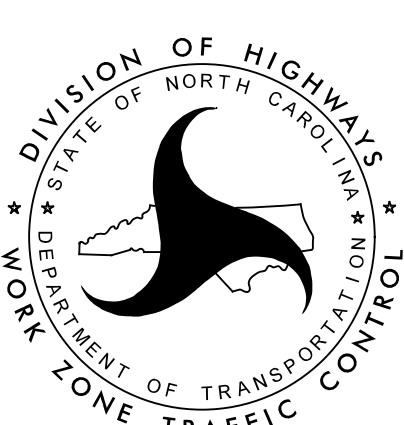
- W) ALL CURB RAMP LOCATIONS SHALL BE DERIVED FROM STATIONING SHOWN ON PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER IN COORDINATION WITH THE SIGNING AND DELINEATION UNIT.

- X) CONTRACTOR SHALL MAINTAIN SIDEWALK ACCESS AT ALL TIMES AS STATED IN THE PHASING. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SIDEWALKS (CONCRETE, ASPHALT, OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER) AT ALL LOCATIONS WHERE THE OPEN PEDESTRIAN TRAVELWAY HAS BEEN REMOVED FOR CONSTRUCTION OPERATIONS (UTILITIES, DRAINAGE, ETC.).

TRANSYSTEMS

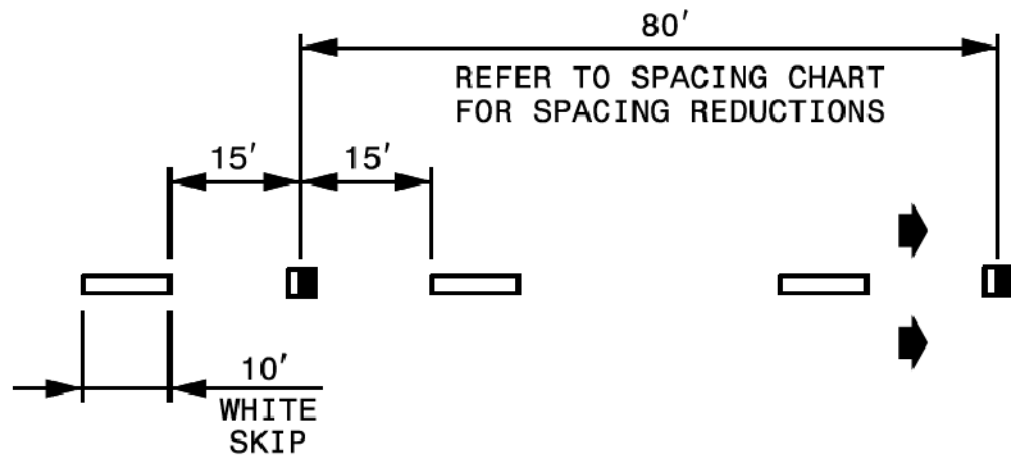
1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: F-0453

APPROVED: _____	<small>Designed by:</small> <i>John Bauman</i> <small>7FFD9B4C37984D1...</small>
DATE: 5/28/2025	
SEAL	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

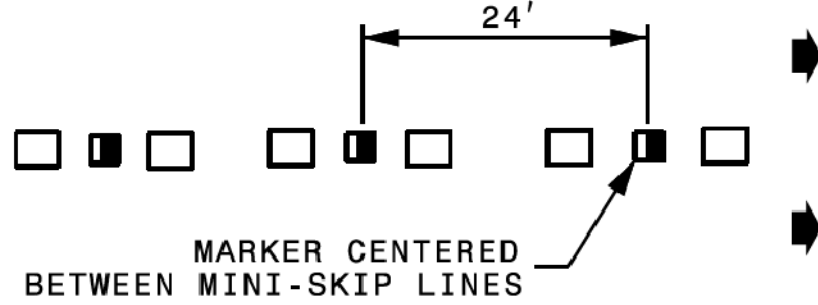


TRANSPORTATION
OPERATIONS
PLAN

10'-30'/SP SKIP LINE



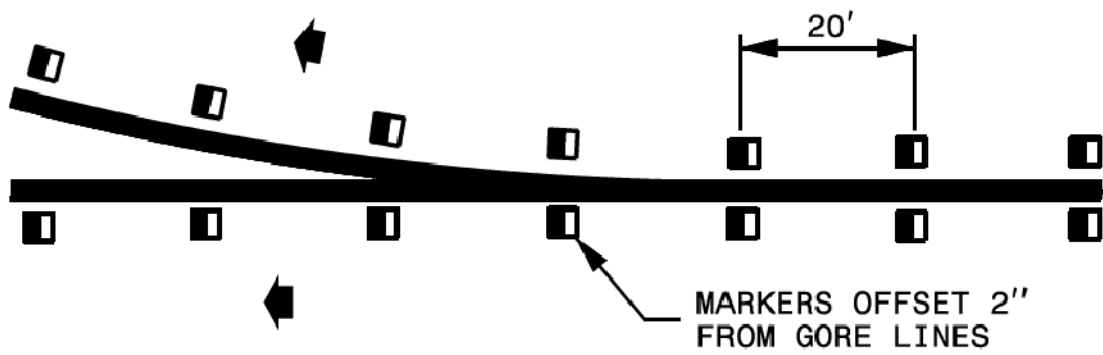
3'-9'/SP MINI-SKIP LINE



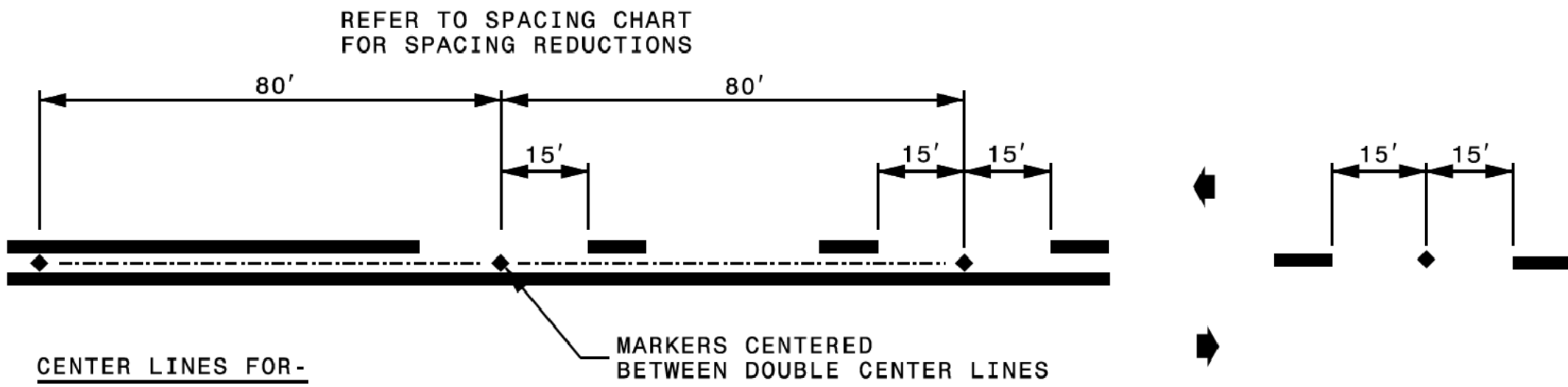
LEGEND

- CRYSTAL/RED PAVEMENT MARKER
- YELLOW/YELLOW PAVEMENT MARKER
- DIRECTION OF TRAFFIC FLOW

GORE LINES

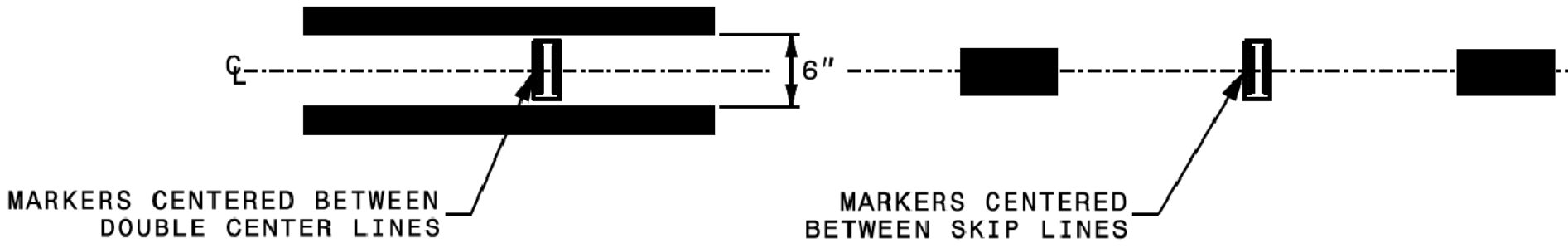


YELLOW CENTER LINES



DETAIL OF PAVEMENT MARKER PLACEMENT

RAISED REFLECTIVE PAVEMENT MARKERS



STATE OF
NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

ROADWAY DETAIL DRAWING FOR
RAISED PAVEMENT MARKERS
INSTALLATION SPACING



SHEET 2 OF 3
1250D01

CONTRACTS STANDARDS
AND DEVELOPMENT UNIT
Office 919-707-8950 FAX 919-250-4119

SEE TITLE BLOCK

ORIGINAL BY: M.V. SPRINGER DATE: 2-15-24
MODIFIED BY: DATE:
CHECKED BY: DATE:
FILE SPEC.: DATE:

APPROVED: John Bauman
DATE: 5/28/2025

SEAL



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PAVEMENT MARKER
DETAIL

TRANSYSTEMS

1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: F-0453

PHASING

NOTE: SEE INTERMEDIATE CONTRACT TIMES FOR HOLIDAY ROAD CLOSURE TIME RESTRICTIONS.

PHASE I

STEP 1: USING ROADWAY STANDARD DRAWING (RSD) 1101.01 SHEET 3 OF 3, INSTALL ADVANCE WARNING SIGNS ON US 70 (LIVE OAK STREET) AND NC 101.

NOTE: IF ANY SIGNAL TIMING MODIFICATIONS AT LIVE OAK AND NC 101 ARE NEEDED DURING CONSTRUCTION PLEASE CONTACT TIM BELL AT (252) 714-8253 PRIOR TO INSTALLING ROAD CLOSURES, AS DIRECTED BY THE ENGINEER.

COMPLETE THE WORK OF PHASE I, STEP 2 IN ONE HUNDRED THIRTY (130) CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 2: USING RSD 1101.02 SHEET 1 OF 19 AND RSD 1101.03 SHEETS 1 AND 2 OF 9, PLACE TRAFFIC CONTROL DEVICES AS SHOWN ON TMP-3,AND USING AN OFF SITE DETOUR AS SHOWN ON TMP-7 AND TMP-8. BEGIN ROADWAY CONSTRUCTION AS SHOWN ON TMP-3, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

ONCE ROADWAY CONSTRUCTION IS COMPLETE, OPEN LIVE OAK STREET TO THROUGH TRAFFIC.

PHASE II

NOTE: IF ANY SIGNAL TIMING MODIFICATIONS AT LIVE OAK AND NC 101 ARE NEEDED DURING CONSTRUCTION PLEASE CONTACT TIM BELL AT (252) 714-8253 PRIOR TO INSTALLING ROAD CLOSURES, AS DIRECTED BY THE ENGINEER.

COMPLETE THE WORK OF PHASE II, STEP 1 IN SIXTY (60) CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 1: USING RSD 1101.03 SHEETS 1 AND 2 OF 9, AND AN OFF SITE DETOUR AS SHOWN ON TMP-7 AND TMP-8, PLACE TRAFFIC CONTROL DEVICES AS SHOWN ON TMP-4. BEGIN ROADWAY CONSTRUCTION AS SHOWN ON TMP-4, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

ONCE ROADWAY CONSTRUCTION IS COMPLETE, OPEN LIVE OAK STREET TO THROUGH TRAFFIC.

PHASE III

NOTE: IF ANY SIGNAL TIMING MODIFICATIONS AT LIVE OAK AND NC 101 ARE NEEDED DURING CONSTRUCTION PLEASE CONTACT TIM BELL AT (252) 714-8253 PRIOR TO INSTALLING ROAD CLOSURES, AS DIRECTED BY THE ENGINEER.

COMPLETE THE WORK OF PHASE III, STEP 1 IN SIXTY (60) CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 1: USING RSD 1101.03 SHEETS 1 AND 2 OF 9, AND AN OFF SITE DETOUR AS SHOWN ON TMP-9 AND TMP-10, PLACE TRAFFIC CONTROL DEVICES AS SHOWN ON TMP-5, BEGIN ROADWAY CONSTRUCTION AS SHOWN ON TMP-5, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

ONCE ROADWAY CONSTRUCTION IS COMPLETE, OPEN NC 101 TO THROUGH TRAFFIC.

PHASE IV

NOTE: IF ANY SIGNAL TIMING MODIFICATIONS AT LIVE OAK AND NC 101 ARE NEEDED DURING CONSTRUCTION PLEASE CONTACT TIM BELL AT (252) 714-8253 PRIOR TO INSTALLING ROAD CLOSURES, AS DIRECTED BY THE ENGINEER.

COMPLETE THE WORK OF PHASE IV, STEP 1 IN ONE HUNDRED THIRTY FIVE (135) CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 1: USING RSD 1101.01 SHEET 2 OF 19, RSD 1101.03 SHEET 1 OF 9, AND AN OFF SITE DETOUR AS SHOWN ON TMP-11 AND TMP-12, PLACE TRAFFIC CONTROL DEVICES AS SHOWN ON TMP-6, BEGIN ROADWAY CONSTRUCTION AS SHOWN ON TMP-6, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

ONCE ROADWAY CONSTRUCTION IS COMPLETE, OPEN LIVE OAK STREET AND NC 101 TO THROUGH TRAFFIC.


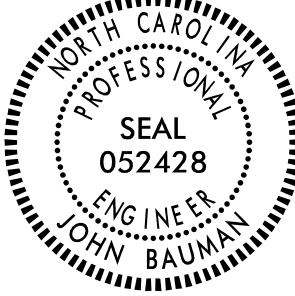
STEP 2: USING RSD 1101.02 SHEETS 1 AND 3 OF 19, PLACE THE FINAL LAYER OF SURFACE COURSE AND INSTALL FINAL PAVEMENT MARKINGS ACCORDING TO THE PAVEMENT MARKING PLANS.

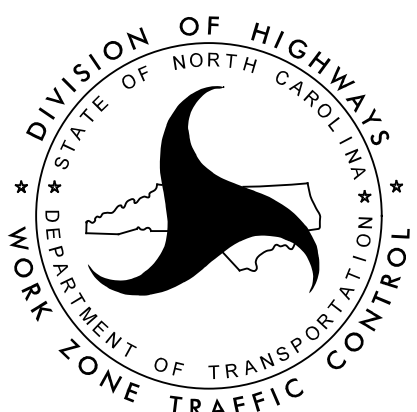
STEP 3: REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES AND OPEN TO TRAFFIC.

6/11/2025
X:\2017\SET\117.00_U-6058\TP\Traffic\TMP\U-6058 TMP-2.dgn
J.bauman

TRANSYSTEMS

1 Glenwood Avenue
Raleigh, NC 27603
Tel:919.789.9977
Fax:919.789.9591
License: F-0453

APPROVED:  DATE: 6/11/2025	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PHASING

SIGN NUMBER: 303
TYPE: D
QUANTITY: 2
SIGN WIDTH: 3'-6"
HEIGHT: 2'-0"
TOTAL AREA: 7.0 Sq.Ft.
BORDER TYPE: RECESS
RECESS: 0.38"
WIDTH: 0.63"
RADII: 1.5"
NO. Z BARS:
LENGTH:

BACKG COLOR: Orange
COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: RDS
PROJECT ID: U-6058

CHECKED BY: SDM
LOCATION: Carteret County
DIV: 02

Jul 29, 2019

3'-6"

2'-0"

LIVE OAK STREET

5.25"

31.5"

5.25"

5"

4"

5"

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

Black legend and border
on orange background

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

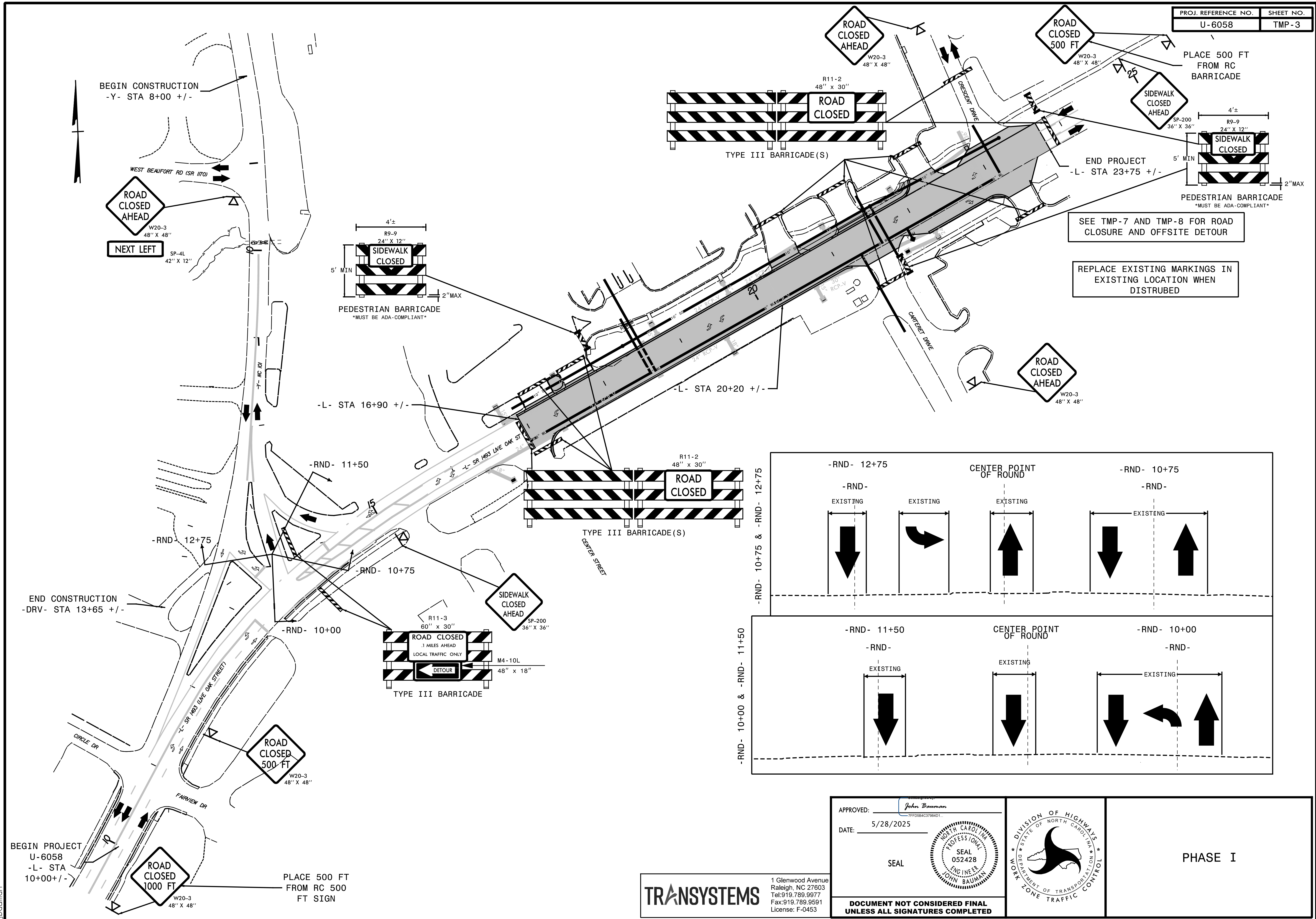
Letter spacings are to start of next letter																				Series/Size Text Length
5.3	L	I	V	E		O	A	K												D 2000
	4	1.7	4.7	3.1	5	4.5	5.1	3.4	5.3											31.5
9.2	S	T	R	E	E	T														D 2000
	4.3	4	4.6	4	3.7	3.1	9.2													23.6

FILENAME: U-6058 TMP_TWZ_SGN

NORTH CAROLINA D.O.T. SIGN DETAIL

5/28/2025
X:\2017\SET\117.00_U-6058\TP\Traffic\TMP\U-6058 TMP_TWZ_SGN.dgn
jbauman

5/28/2025
X:\2017\SET\117.00_U-6058\TP\Traffic\TMP\U-6058_TC_TMP-3.dgn
jbauman

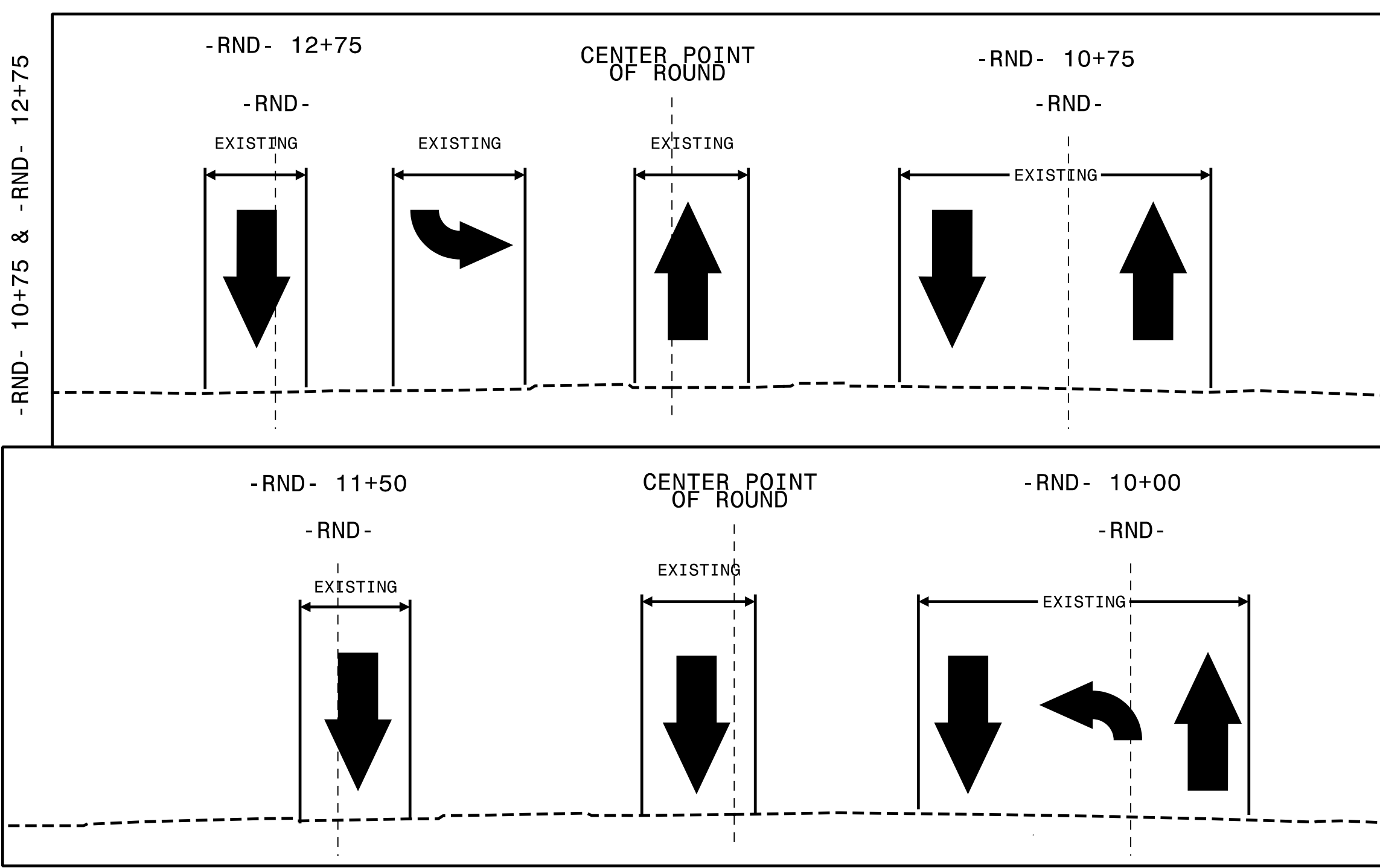


PROJ. REFERENCE NO.	SHEET NO.
U-6058	TMP-3

PLACE 500 FT FROM RC BARRICADE

SEE TMP-7 AND TMP-8 FOR ROAD CLOSURE AND OFFSITE DETOUR

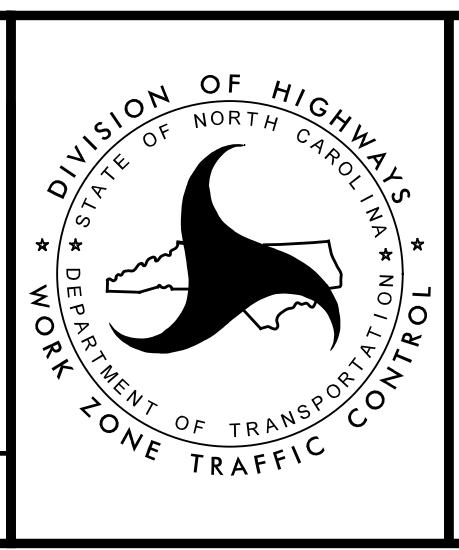
REPLACE EXISTING MARKINGS IN EXISTING LOCATION WHEN DISTURBED



APPROVED: *John Bauman*
DATE: 5/28/2025

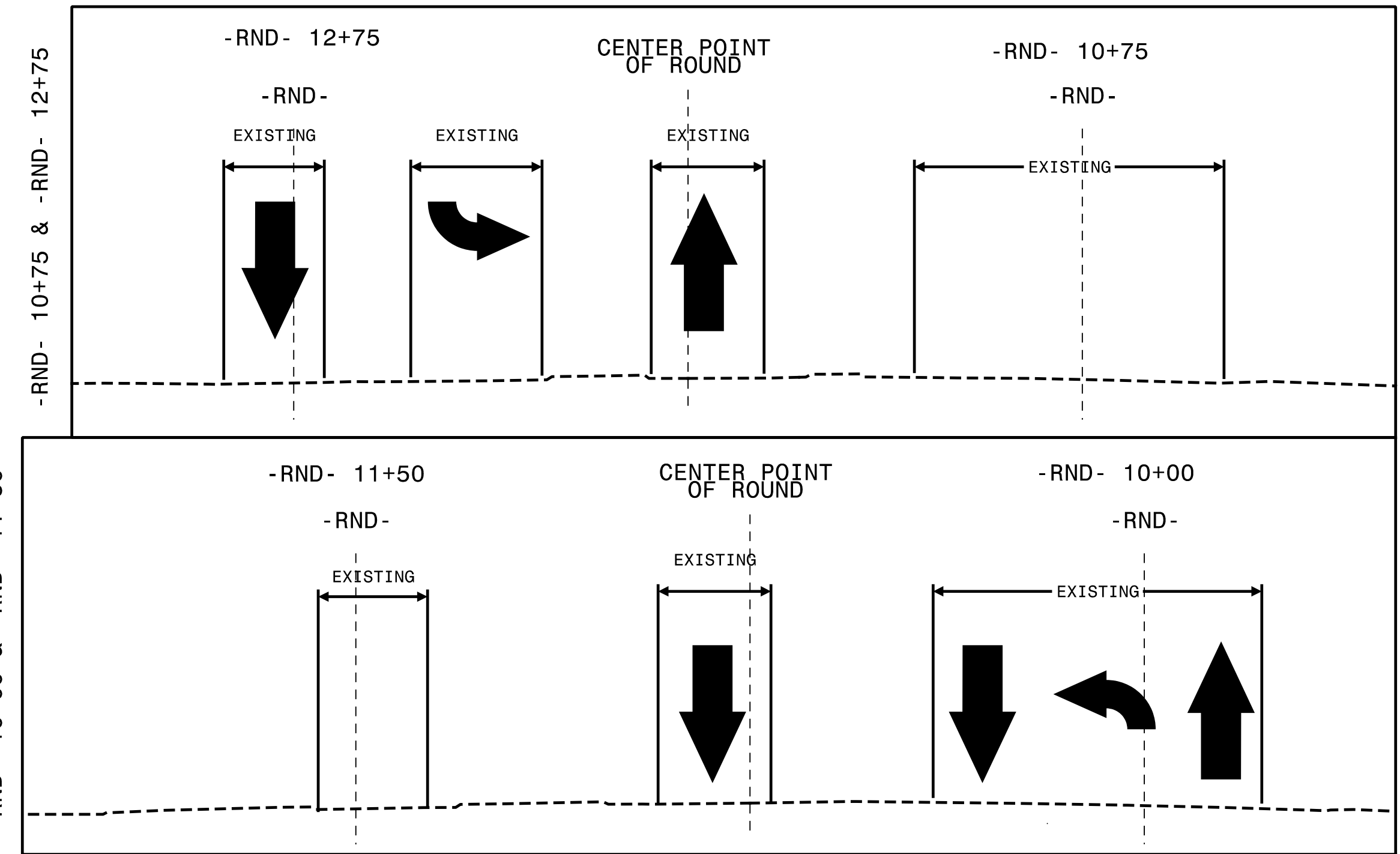
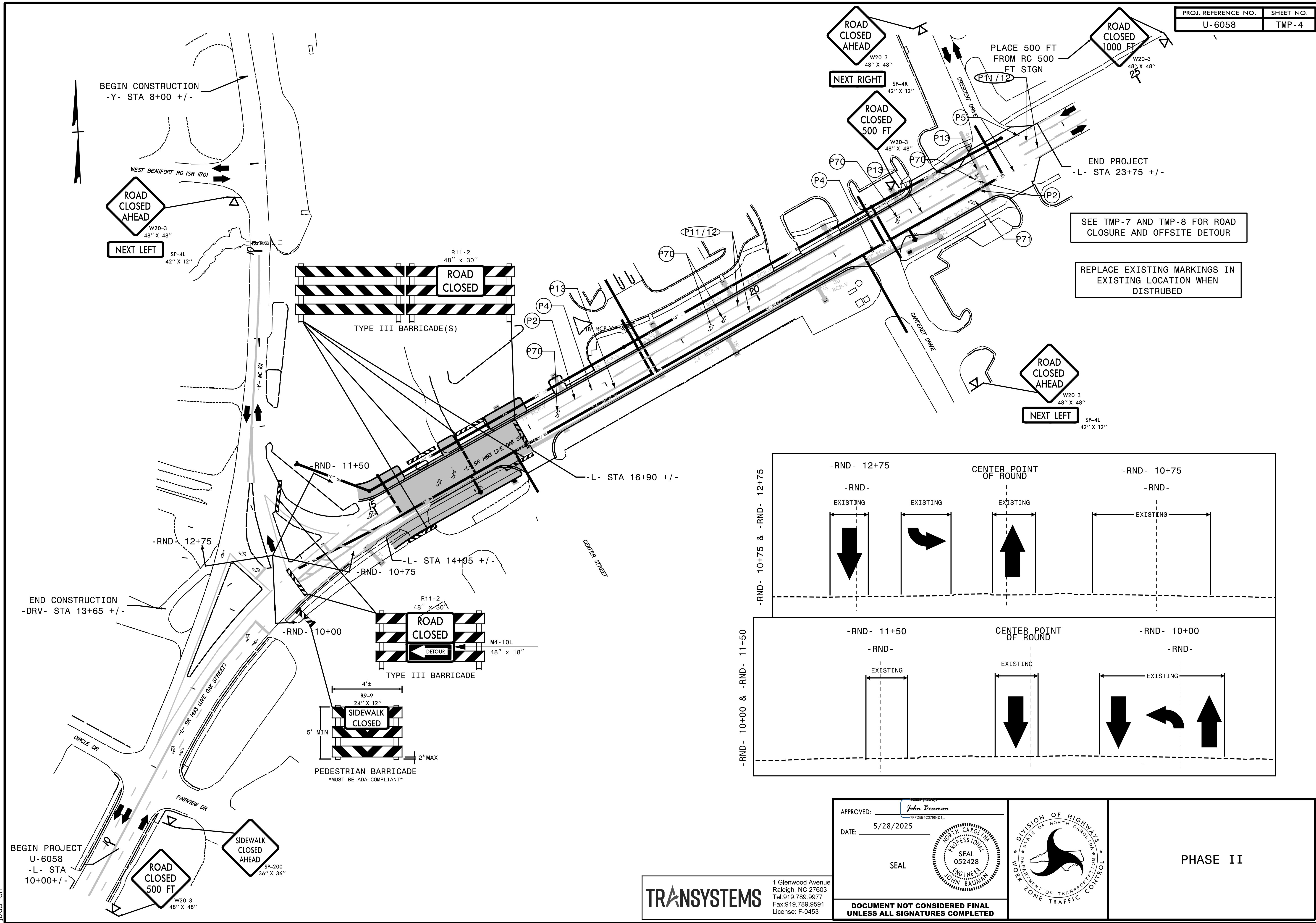
SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PHASE I

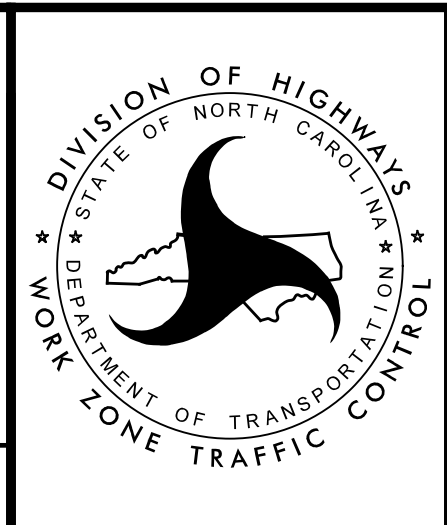
TRANSYSTEMS
1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: F-0453



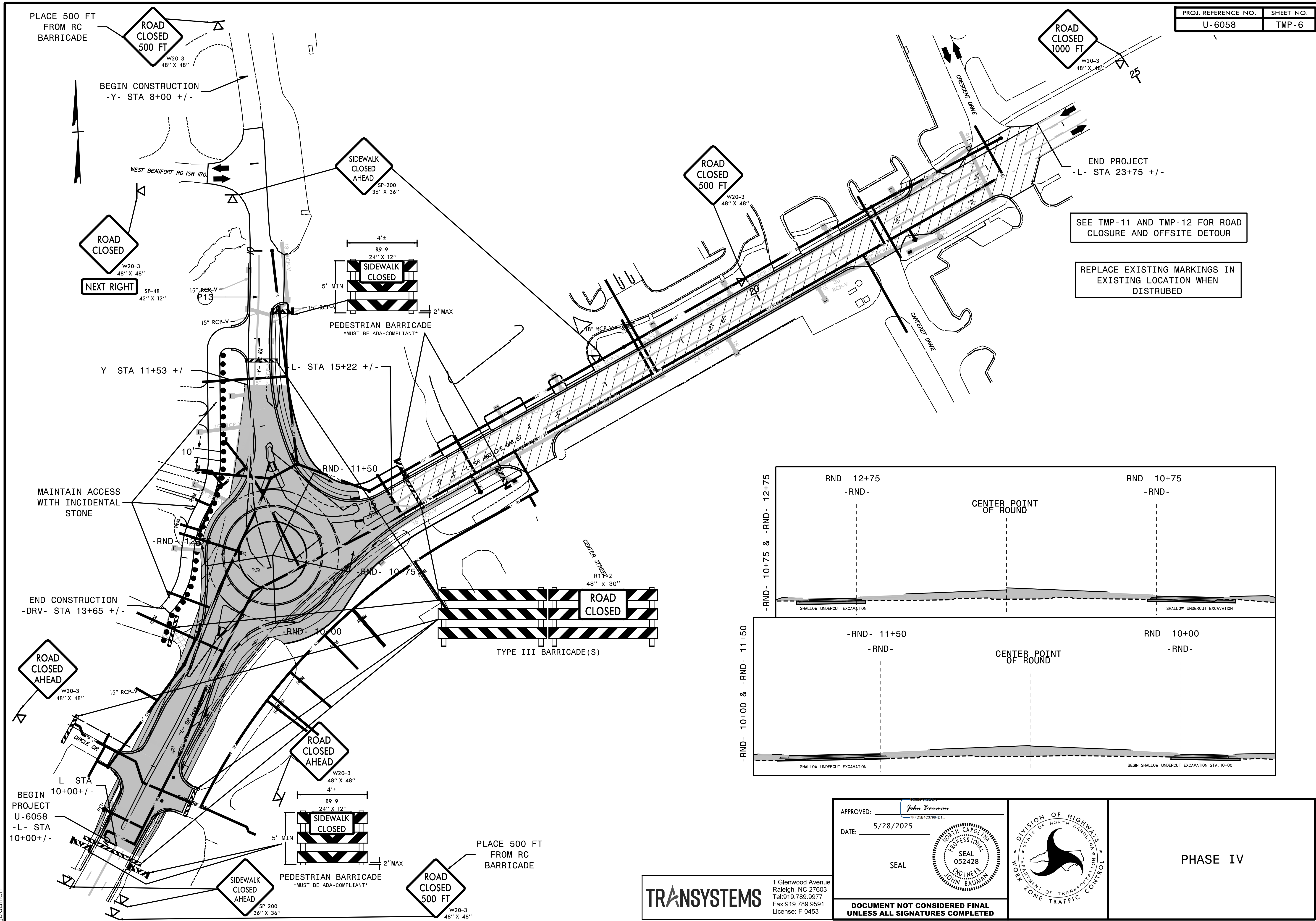
5/28/2025
X:\2017\SET\117.00_U-6058\TP\Traffic\TMP-U-6058_TC_TMP-4.dgn
jbauman

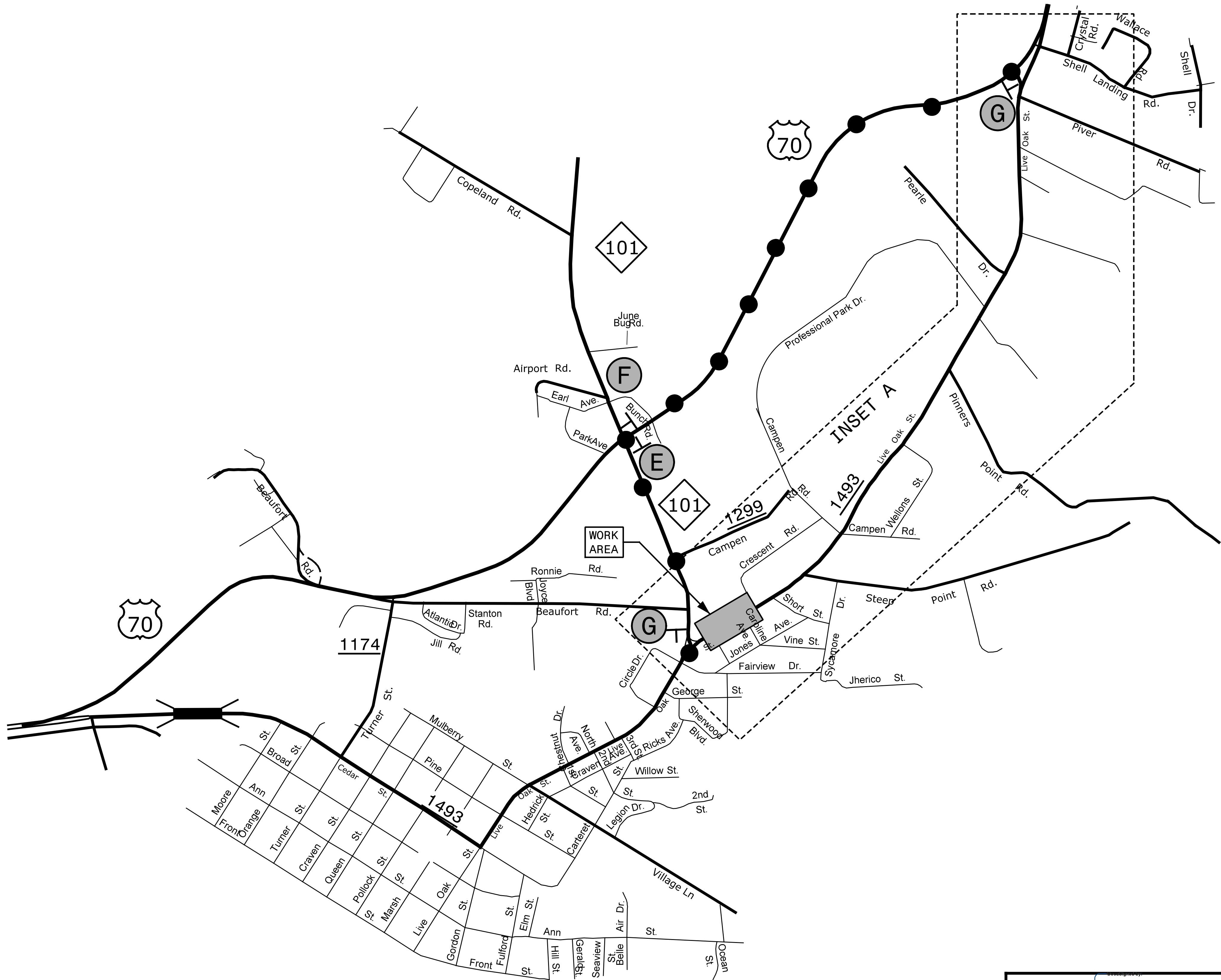
TRANSYSTEMS
1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: F-0453

APPROVED: *John Bauman*
DATE: 5/28/2025
SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
052428
JOHN BAUMAN



PHASE II



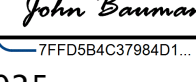
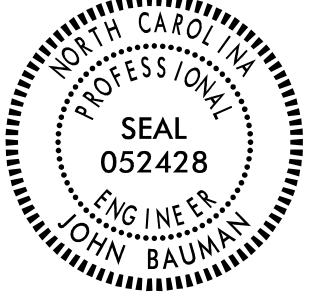


OFF-SITE DETOUR ROUTE
SEE TMP-8 FOR SIGN LEGEND

5/28/2025
X:\2017\SET\117.00_U-6058\TP\Traffic\TMP-U-6058_TC_TMP-7.dgn
jbauman

TRANSYSTEMS

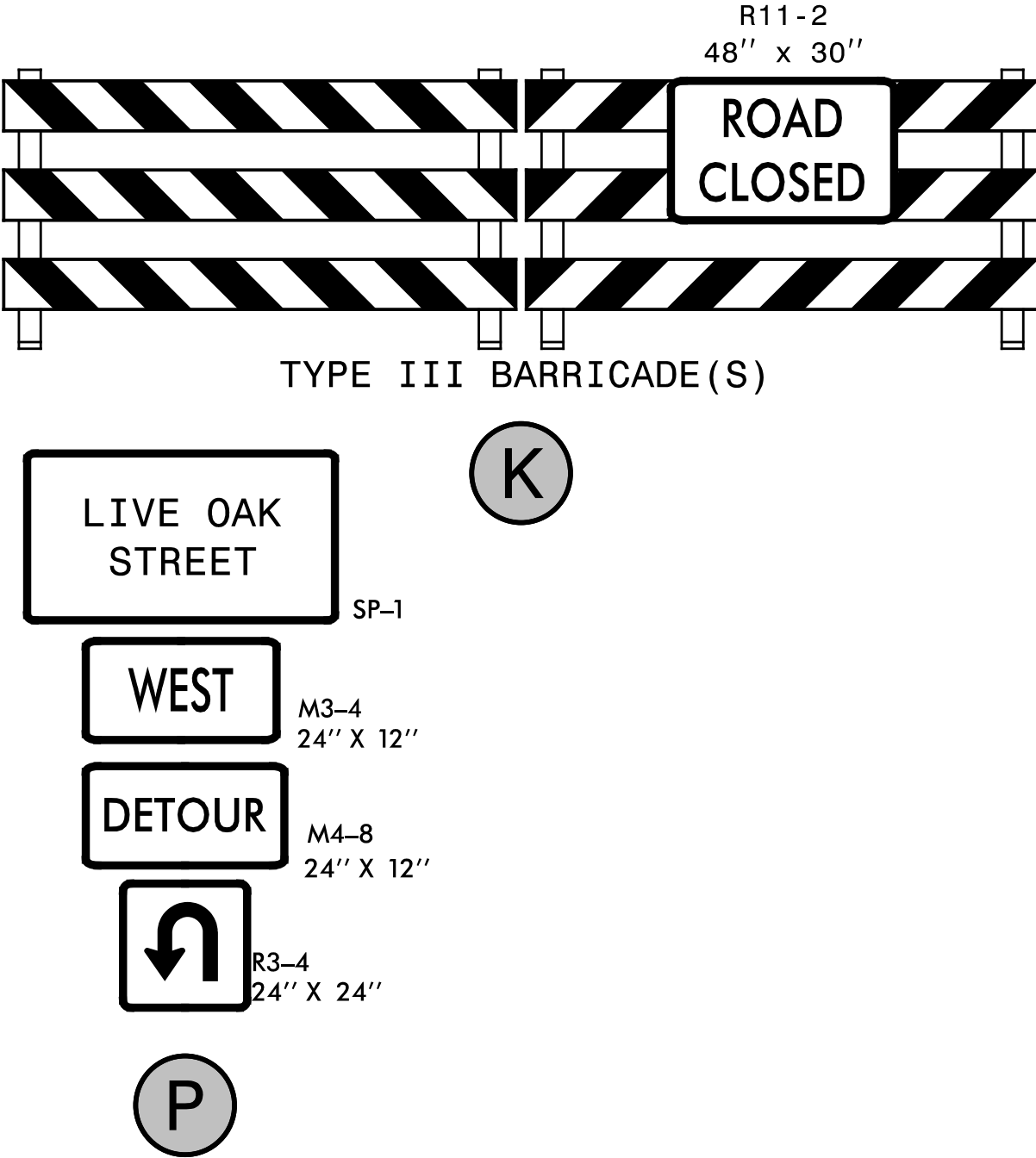
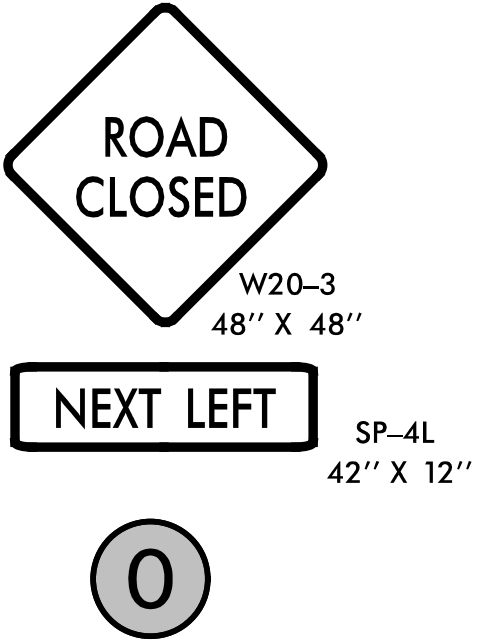
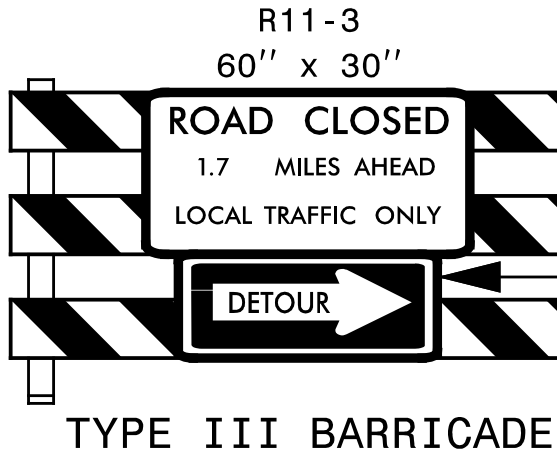
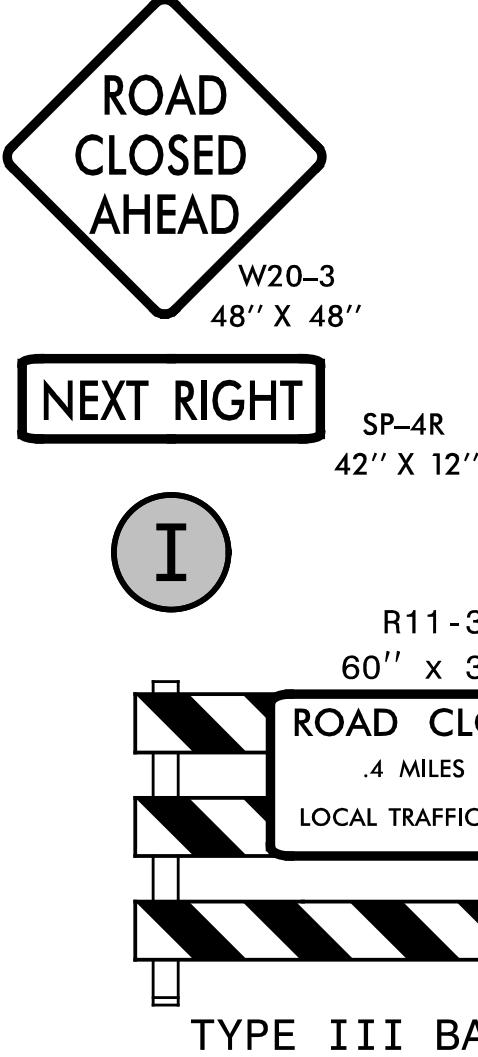
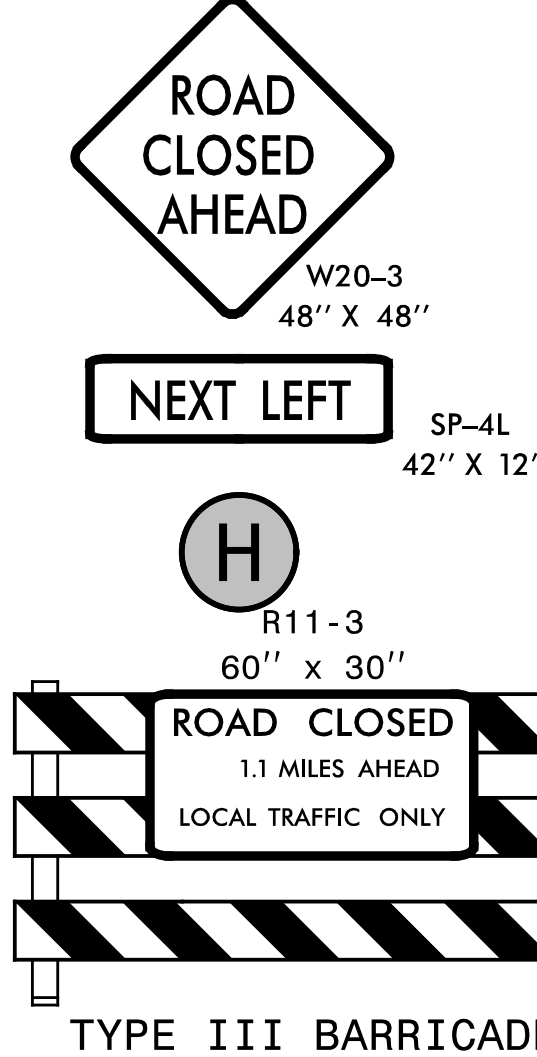
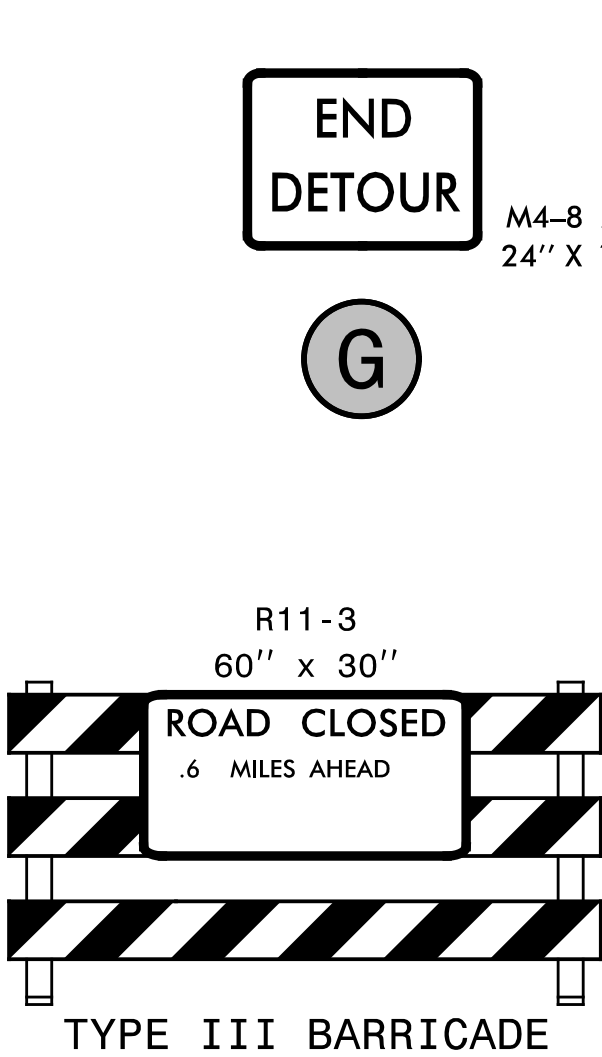
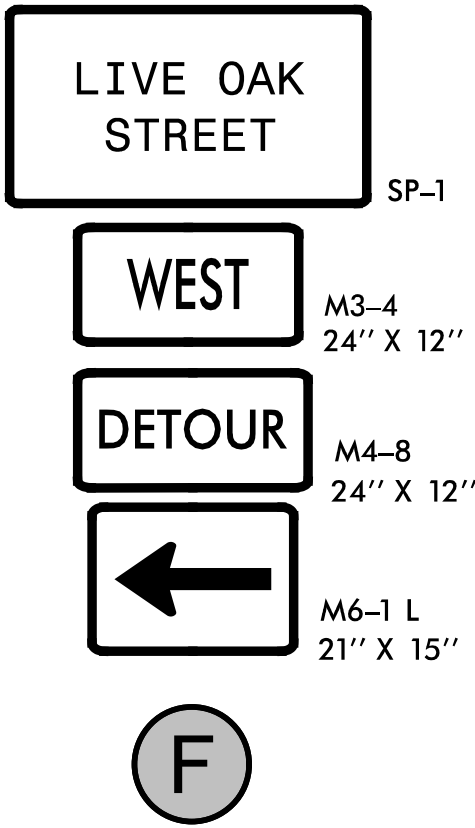
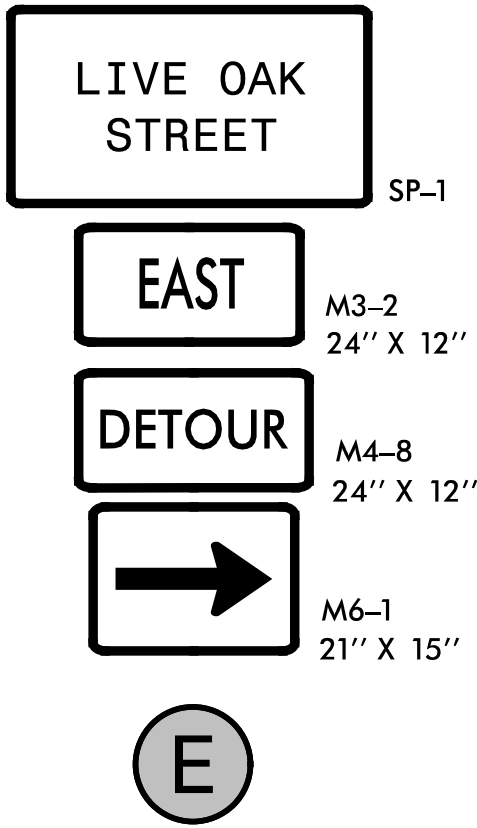
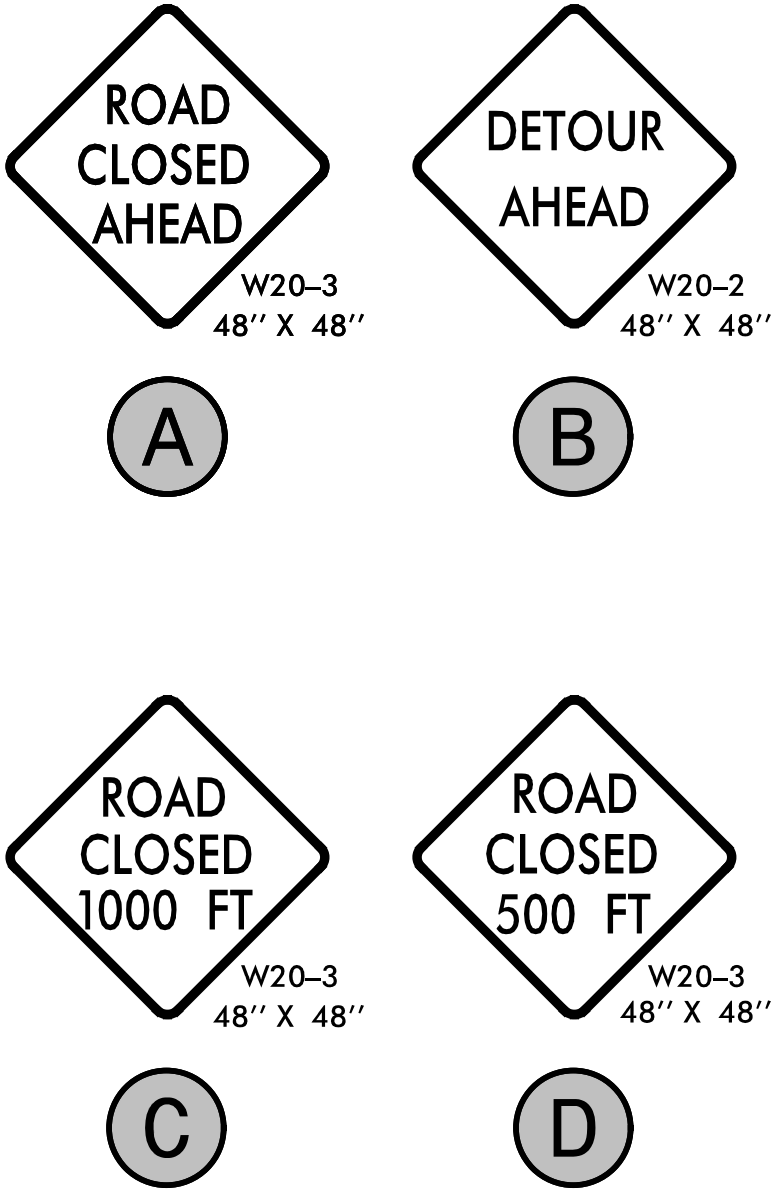
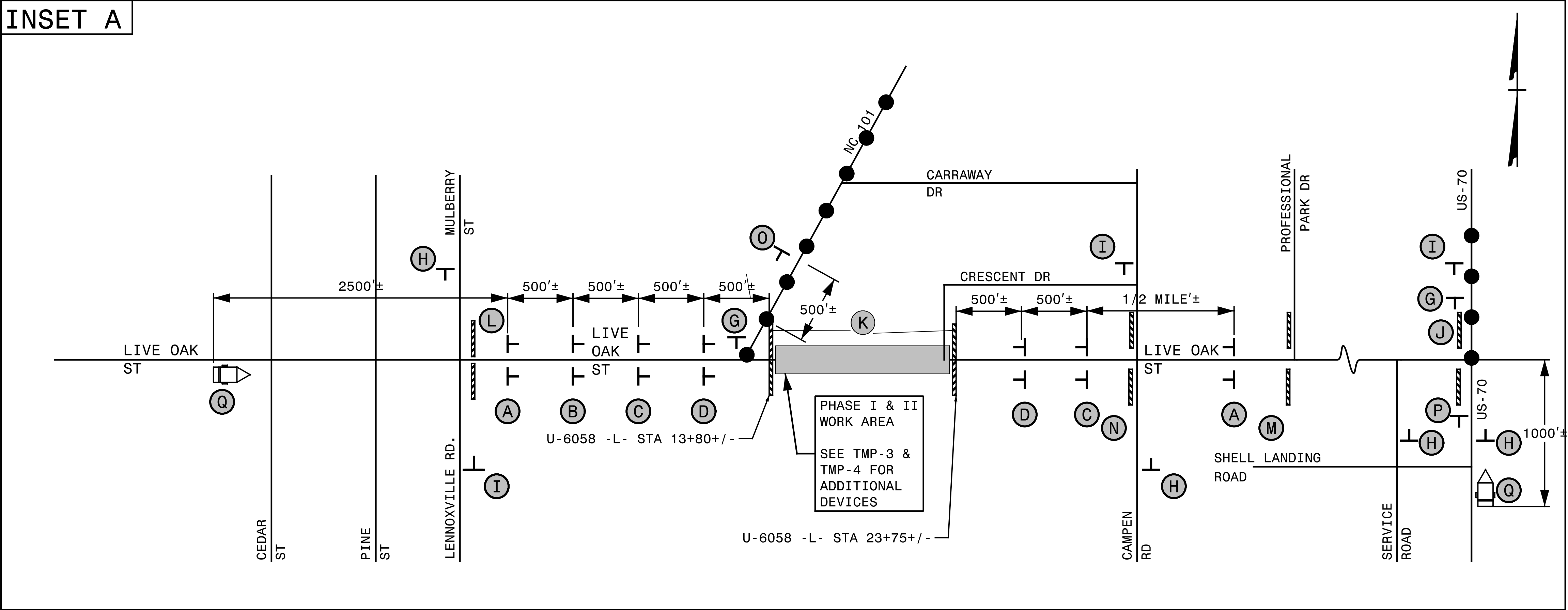
1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: F-0453

APPROVED: 
DATE: 5/28/2025
SEAL

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



OFF-SITE
DETOUR

INSET A



* Q

MESSAGE NO. 1	MESSAGE NO. 2
LIVE OAK ST CLSD AT NC101	STARTING (DAY) (TIME)

CHANGEABLE MESSAGE SIGN

▲ Q

MESSAGE NO. 1	MESSAGE NO. 2
LIVE OAK ST CLSD AT NC101	FOLLOW POSTED DETOUR

CHANGEABLE MESSAGE SIGN

- * DISPLAY MESSAGE TWO WEEKS PRIOR TO ROAD CLOSURE
- ▲ DISPLAY MESSAGE DURING ROAD CLOSURE

TRANSYSTEMS

1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: F-0453

APPROVED: *John Bauman*
DATE: 5/28/2025

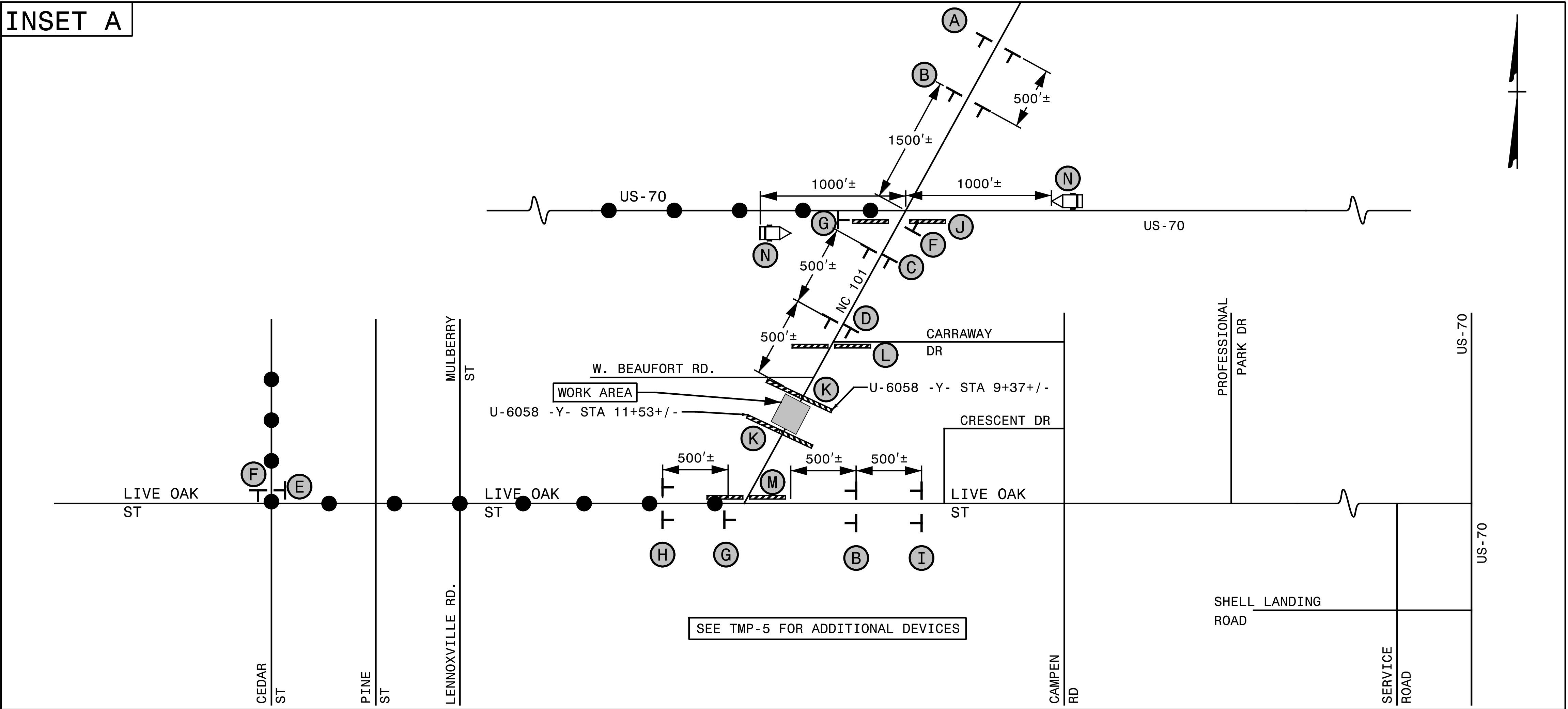
SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

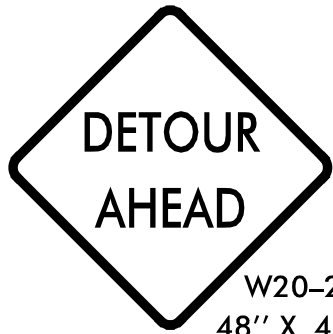


ROAD CLOSURE

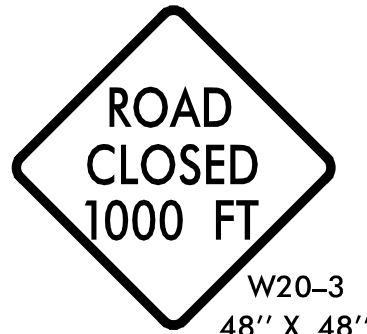
INSET A



A



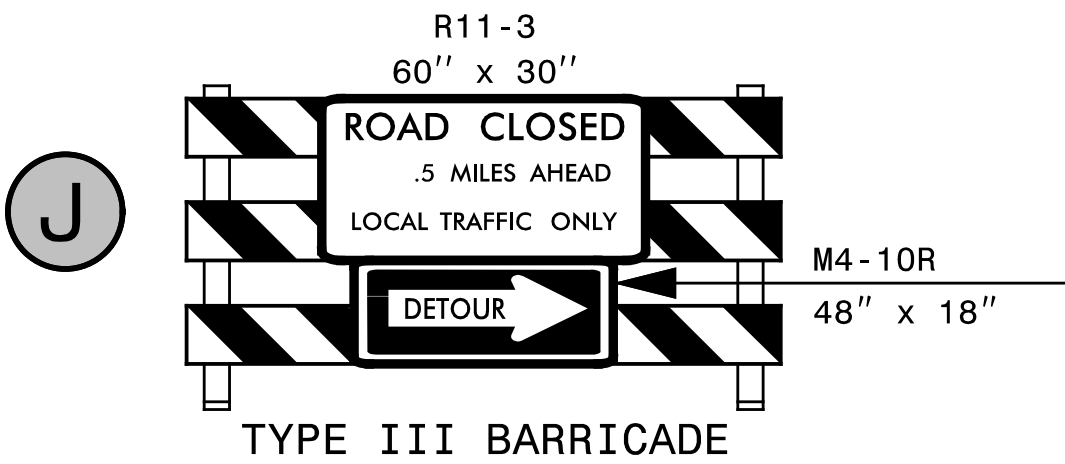
B



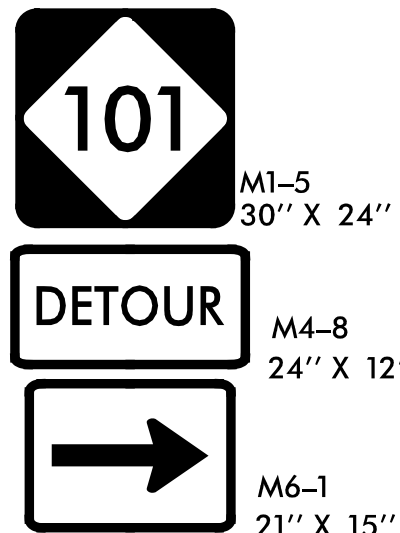
C



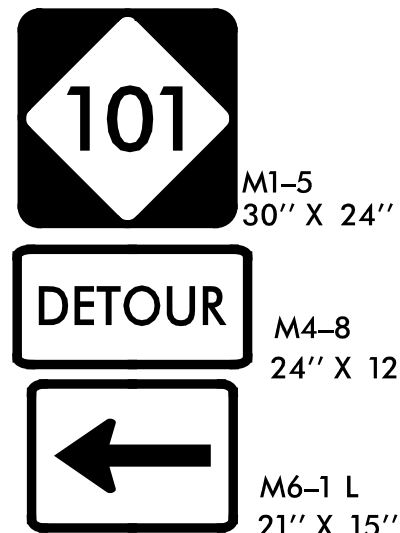
D



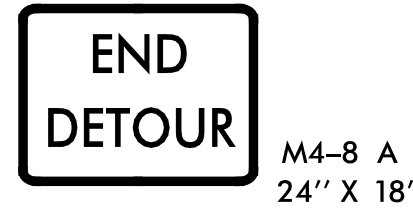
J



E



F



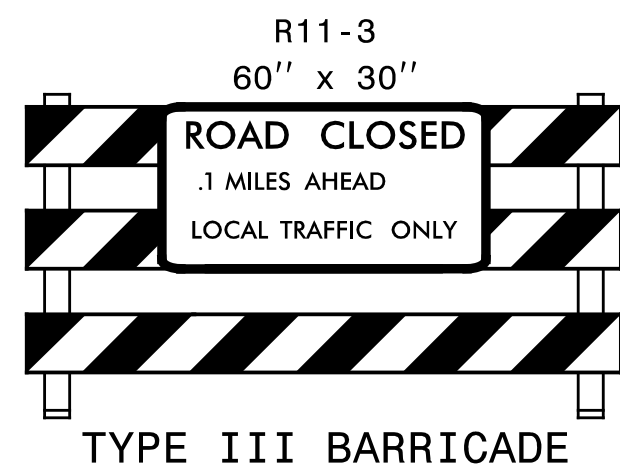
G



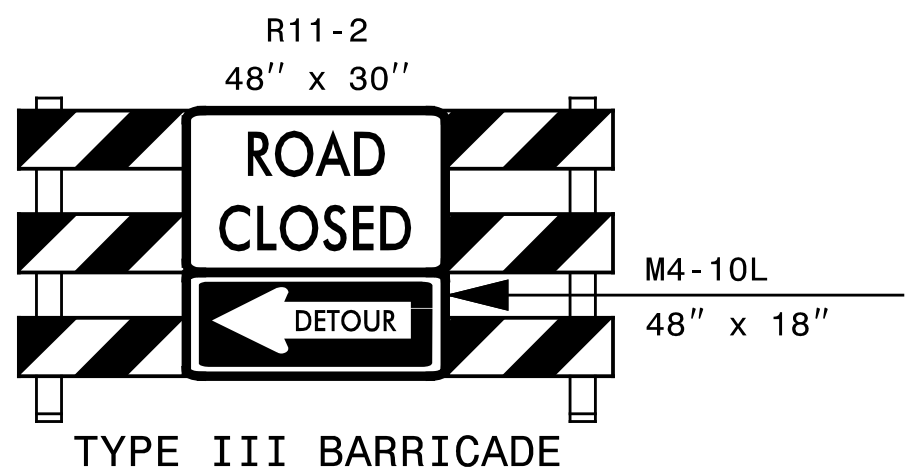
H



I



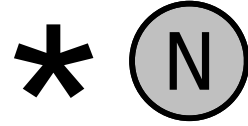
L



M

MESSAGE NO. 1	MESSAGE NO. 2
NC 101 WILL BE CLOSED	STARTING (DAY) (TIME)

CHANGEABLE MESSAGE SIGN



MESSAGE NO. 1	MESSAGE NO. 2
NC 101 CLOSED .5 MILES	FOLLOW POSTED DETOUR

CHANGEABLE MESSAGE SIGN



* DISPLAY MESSAGE TWO WEEKS PRIOR TO ROAD CLOSURE

▲ DISPLAY MESSAGE DURING ROAD CLOSURE

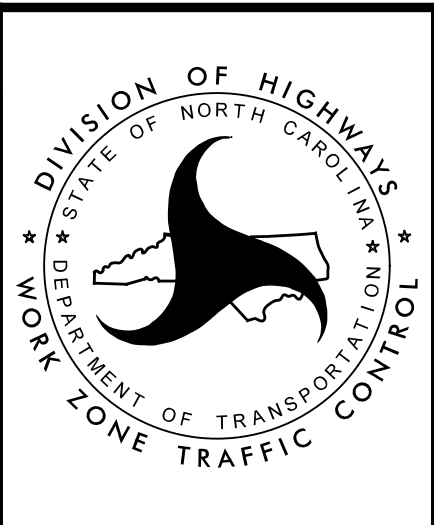
TRANSYSTEMS

1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: F-0453

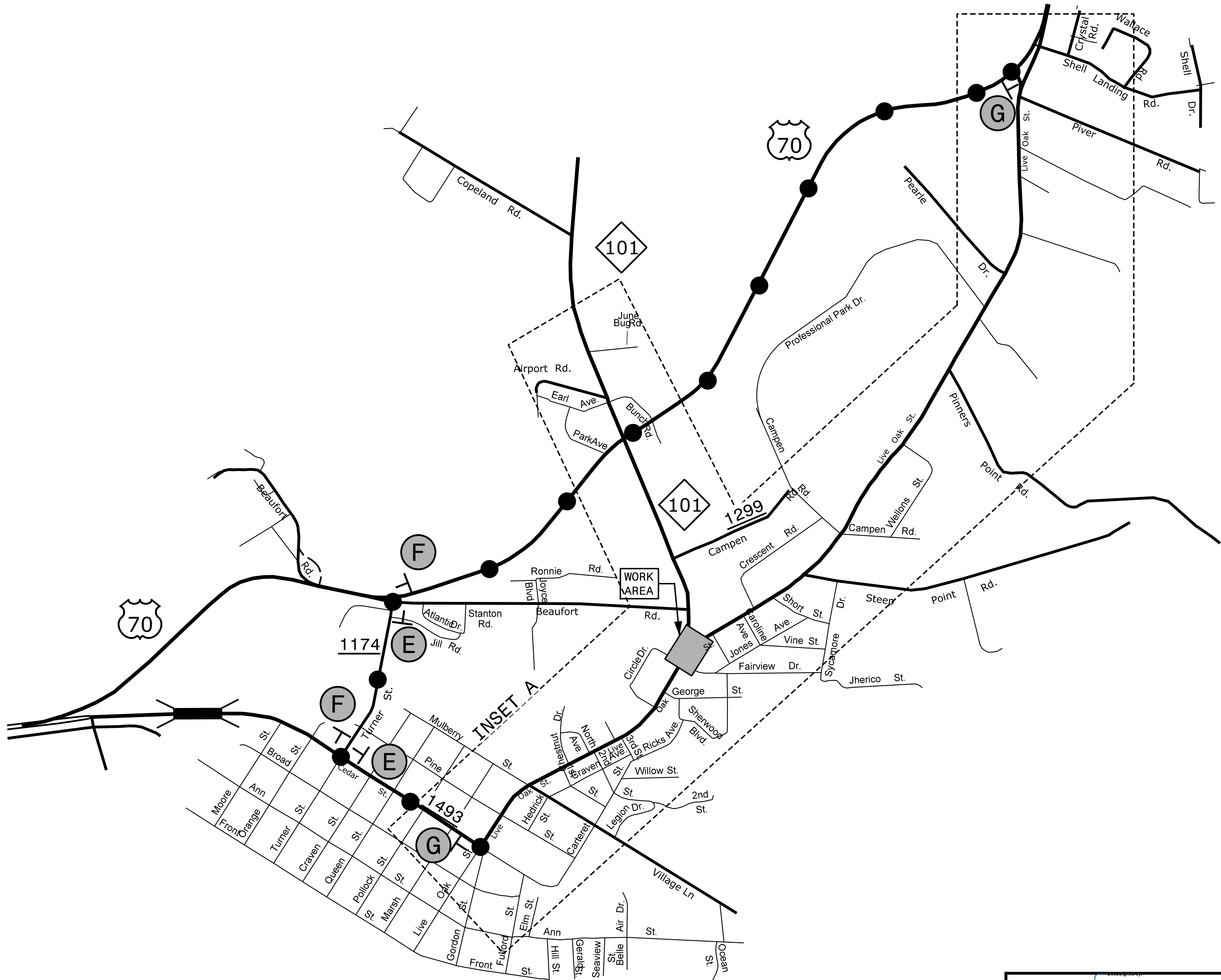
APPROVED: *John Bauman*
DATE: 5/28/2025

SEAL

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



ROAD CLOSURE



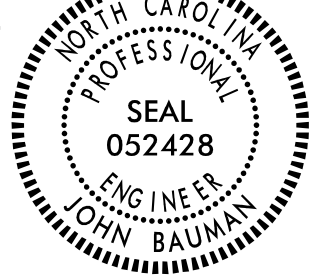
—●—●—●—●—●—
OFF-SITE DETOUR ROUTE
SEE TMP-12 FOR SIGN LEGEND

5/28/2025
X:\2017\SET\117.00_U-6058\TP\Traffic\TMP-U-6058_TC_TMP-11.dgn
jbauman

TRANSYSTEMS

1 Glenwood Avenue
Raleigh, NC 27603
Tel: 919.789.9977
Fax: 919.789.9591
License: F-0453

APPROVED: <i>John Bauman</i>
DATE: 5/28/2025
SEAL
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



OFF-SITE
DETOUR

