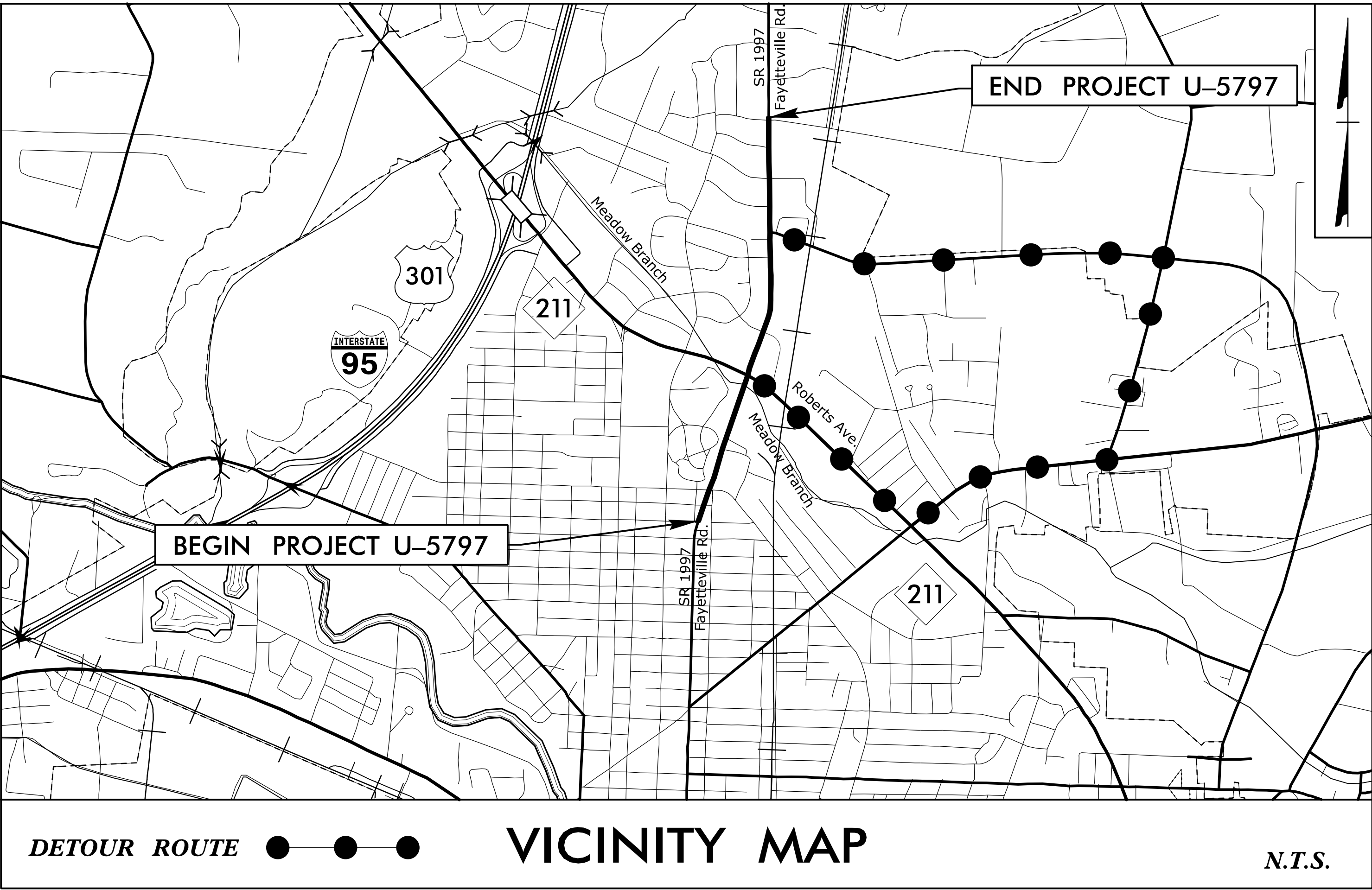
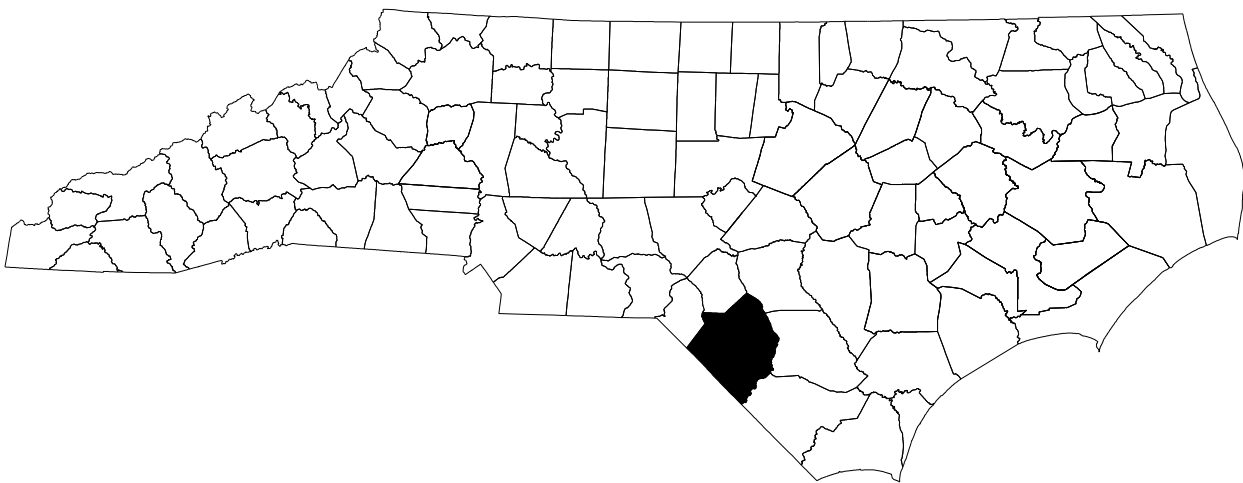
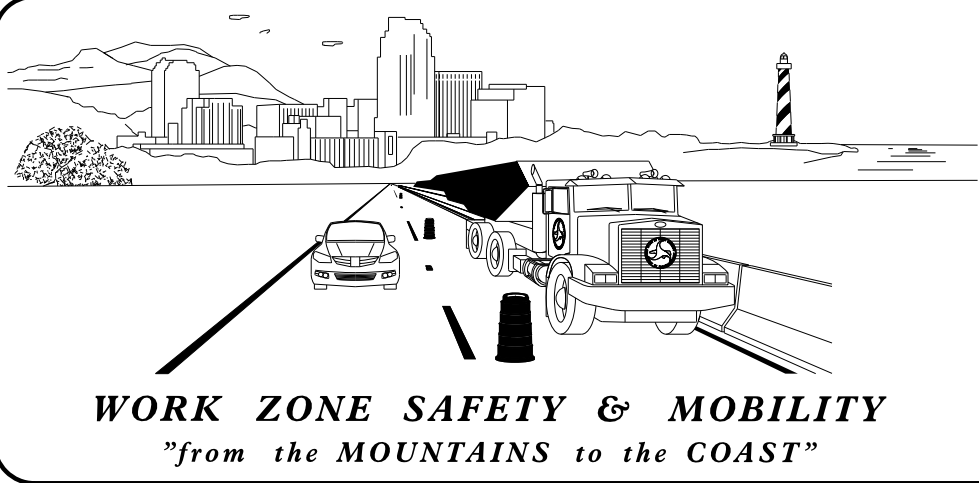


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN
ROBESON COUNTY



SEE TMP-14A, TMP 25A, TMP 27-A, AND TMP 27B FOR OFFSITE DETOUR DETAILS



NCDOT DIVISION 6
DIVISION TRAFFIC ENGINEERING
450 TRANSPORTATION DR.,
FAYETTEVILLE, NC 28301

JAMES V. FLOWERS
DIVISION TRAFFIC ENGINEER

PLANS PREPARED BY:
stv STV Engineers, Inc.
2121 RDU Center Dr.
Suite 210
Morrisville, NC 27560
NC License Number F-0991

PATRICK A. LIVINGSTON, PE
PROJECT ENGINEER

WESTON D. MURPHY, PE
PROJECT DESIGN ENGINEER



INDEX OF SHEETS

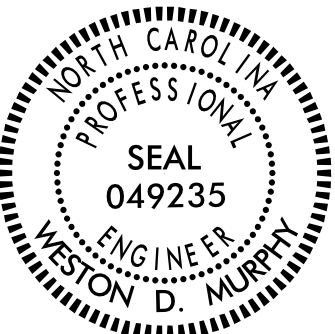
SHEET NO.	TITLE
TMP-1	TITLE SHEET, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS AND LEGEND
TMP-1B	GENERAL NOTES
TMP-1C	MANAGEMENT STRATEGIES AND LOCAL NOTES
TMP-1D	PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS
TMP-2A-1 THRU TMP-2A-3	TEMPORARY TRAFFIC CONTROL PHASING
TMP-2B	TEMPORARY SHORING NOTES
TMP-3 THRU TMP-5	PHASE I DETAIL
TMP-6 THRU TMP-9	PHASE II DETAIL
TMP-10 THRU TMP-12	PHASE III STEP 1 DETAIL
TMP-13 THRU TMP-14	PHASE III STEP 3 DETAIL
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TMP-15 THRU TMP-19	PHASE IV DETAIL
TMP-20 THRU TMP-22	PHASE V DETAIL
TMP-23 THRU TMP-25	PHASE VI DETAIL
TMP-25A	PHASE VI DETOUR
TMP-26 THRU TMP-27	PHASE VII DETAIL
TMP-27A THRU TMP-27B	PHASE VII DETOUR
TMP-28 THRU TMP-30	SIGN DESIGNS

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100% TMP

APPROVED: Weston Murphy
DATE: 1/30/2025

SEAL



TIP PROJECT: U-5797

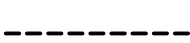
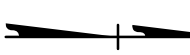
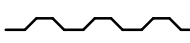
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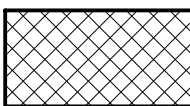
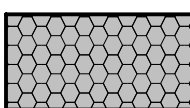
ROADWAY STANDARD DRAWINGS

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

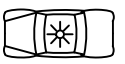
STD. NO.	TITLE
1101.01	WORK ZONE ADVANCED WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES - TYPE III
1150.01	FLAGGERS
1160.01	TEMPORARY CRASH CUSHION- REFLECTIVE END TREATMENT
1165.01	TRUCK MOUNTED ATTENUATOR
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY - DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTI-LANE ROADWAYS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY
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

GENERAL

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

-  WORK AREA
-  REMOVAL
-  TEMPORARY PAVEMENT
-  WEDGING

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

SIGNALS

-  EXISTING
-  PROPOSED
-  TEMPORARY

PAVEMENT MARKINGS

-  EXISTING LINES
-  TEMPORARY LINES

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

-    PAVEMENT MARKING SYMBOLS
-    EXISTING MARKING SYMBOLS

DRAINAGE

-  PROPOSED PIPE CONSTRUCTION
-  PREVIOUSLY CONSTRUCTED PIPE



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LEGEND

TEMPORARY PAVEMENT MARKING SCHEDULE

PAINT 4"	
P1	WHITE EDGELINE
P10	YELLOW EDGELINE
P3	WHITE 10' SKIPS
P4	3' WHITE MINI SKIP 9' SPACING
P2	WHITE SOLID LANE LINE
P13	YELLOW DOUBLE CENTER LINE
P11	YELLOW SINGLE CENTER LINE
P12	YELLOW 10' SKIPS
P5	2' WHITE MINI SKIP 6' SPACING
P14	2' YELLOW MINI SKIP 6' SPACING

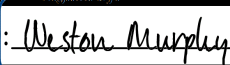
PAINT 8"	
P40	WHITE GORELINE
P41	WHITE DIAGONAL
P42	YELLOW DIAGONAL
P46	WHITE CROSSWALK LINE

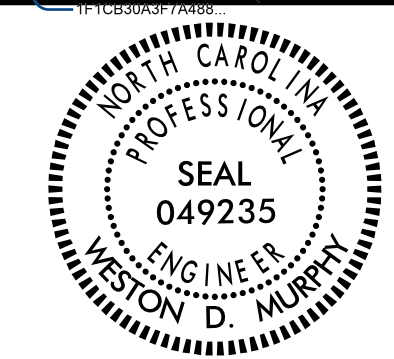
PAINT 24"	
P61	WHITE STOP BAR
P62	WHITE CROSSWALK LINE

PAINT SYMBOLS	
P70	LEFT TURN ARROW
P71	RIGHT TURN ARROW
P72	STRAIGHT ARROW
P73	COMBO. LEFT/STRAIGHT ARROW
P74	COMBO. RIGHT/STRAIGHT ARROW
P75	COMBO. LEFT/RIGHT ARROW
P76	COMBO. LEFT/RIGHT/STRAIGHT ARROW
P77	U-TURN ARROW
P79	MERGE ARROW
P103	24" YIELD TRIANGLE
P114	FISH-HOOK LEFT/RIGHT/STRAIGHT ARROW

TEMPORARY PAVEMENT MARKERS	
MH	YELLOW & YELLOW RAISED MARKER
MI	CRYSTAL & RED RAISED MARKER

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UNLESS ALL SIGNATURES COMPLETED

APPROVED:  DATE: 3/6/2025

SEAL 



ROADWAY STANDARD
DRAWINGS & LEGEND

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE ROADWAY PLANS AND STANDARD DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRE

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 NAMES	DAY AND TIME RESTRICTIONS
SR 1997/FAYETTEVILLE RD. (-L-)	MONDAY THRU FRIDAY
NC 211/ROBERTS AVE. (-Y2-)	6:00 A.M TO 8:00 A.M.
BOOMERANG DR. (-Y3-)	AND
LINKHAW RD. (-Y4-)	2:30 P.M. TO 6:00 P.M.
PIRATE DR. (-Y5-)	

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

HOLIDAYS
1. FOR UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES OR LUMBERTON HIGH SCHOOL EVENTS, AS DIRECTED BY THE ENGINEER.
2. FOR NEW YEAR'S DAY, BETWEEN THE HOURS OF 6:00 AM DECEMBER 31ST AND 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 AND 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.
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 DAY.
9. FOR LUMBERTON HIGH SCHOOL EVENT, BETWEEN THE HOURS OF 6:00 AM THE DAY OF EVENT AND 6:00 PM THE DAY AFTER THE EVENT.

BB) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAMES	DAY AND TIME RESTRICTIONS
SR 1997/FAYETTEVILLE RD. (-L-)	FRIDAY 6:00 A.M. TO SUNDAY 10:00 P.M.
	AND
	MONDAY THRU THURSDAY
	FROM 6:00 A.M. TO 10:00 P.M.

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.

- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED 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 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 OPEN 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) 200 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

K) 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.

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

N) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 100 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

O) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRAFFIC CONTROL PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE TEMPORARY BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE/RESET TEMPORARY BARRIER AT NO COST TO THE DEPARTMENT UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS, TEMPORARY BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

INSTALL TEMPORARY BARRIER WITH THE TRAFFIC FLOW BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE TEMPORARY BARRIER AGAINST THE TRAFFIC FLOW BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP THE SECTION OF THE ROADWAY CLOSED UNTIL THE TEMPORARY BARRIER CAN BE PLACED OR AFTER THE TEMPORARY BARRIER IS REMOVED.

P) PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER AT ALL TIMES DURING THE INSTALLATION AND REMOVAL OF THE BARRIER BY EITHER A TRUCK MOUNTED IMPACT ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

stv

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PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION UNLESS THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER IS OFFSET FROM ONCOMING TRAFFIC AS FOLLOWS OR AS SHOWN IN THE PLANS:

POSTED SPEED LIMIT	MINIMUM OFFSET
40 OR LESS	15 FT
45 - 50	20 FT
55	25 FT
60 MPH or HIGHER	30 FT

TRAFFIC CONTROL DEVICES

- Q) 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 FROM 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.
- R) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- S) 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

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

ROAD NAME	MARKING	MARKER
SR 1997/FAYETTEVILLE RD. (-L-)	PAINT	YES
E. 24TH ST. (-Y-)	PAINT	YES
GODWIN AVE. (-Y1-)	PAINT	YES
NC 211/ROBERTS AVE. (-Y2-)	PAINT	YES
BOOMERANG DR. (-Y3-)	PAINT	YES
LINKHAW RD. (-Y4-)	PAINT	YES

- U) 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.
- V) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- W) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKING AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- X) TRACE THE PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO INSTALLATION. PLACE CONES TO DELINEATE ANY PROPOSED MONOLITHIC ISLANDS BEFORE INSTALLATION.
- Y) LAW INFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTESECTIONS AS DIRECTED BY THE ENGINEER.
- Z) 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)100FT AND 100FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.
- AA) 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)

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APPROVED:

Signed by:

Weston Murphy

049235

DATE: 10/21/2025

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

049235

ENGINEER

WESTON D. MURPHY

DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

WORK ZONE TRAFFIC CONTROL

GENERAL NOTES



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MANAGEMENT STRATEGIES

PHASE I - UTILIZING LANE AND SHOULDER CLOSURES CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS ON THE LEFT SIDE OF -Y3-, THE RIGHT SIDE OF -L- UP TO -Y4-, AND WIDENING ON -Y4-.

PHASE II - UTILIZING A ROAD CLOSURE FOR SOUTHBOUND TRAFFIC AND MAINTAINING LOCAL ACCESS WITH A ONE WAY CONFIGURATION ON -Y3-, CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS ON THE RIGHT SIDE OF -Y3-. CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS ON THE LEFT SIDE OF -L- NORTH OF -Y2-, INCLUDING THE LEFT PORTION OF PROPOSED CULVERT FOR POLE CAT BRANCH.

PHASE III - UTILIZING LANE CLOSURES AND WORKING AT NIGHT WHEN NECESSARY CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS ON THE CENTER LANES OF -L- NORTH OF -Y2- INCLUDING THE CENTER PORTION OF PROPOSED CULVERT FOR POLE CAT BRANCH. CONSTRUCT OVERHEAD SIGNS BY CLOSING -L- AND UTILIZING AN OFF SITE DETOUR. ONCE ALL NECESSARY SIGNS ARE INSTALLED, SHIFT TRAFFIC TO UTILIZE THE QUAD LEFT TURN MOVEMENTS.

PHASE IV - UTILIZING LANE CLOSURES CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS ON THE RIGHT SIDE OF -L- NORTH OF -Y4-. CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS AND PROPOSED CULVERT FOR POLE CAT BRANCH ON THE RIGHT SIDE OF -Y4-. SHIFT TRAFFIC ON -Y2- AND CONSTRUCT THE PROPOSED CULVERT, TEMPORARY PIPES, AND TEMPORARY WIDENING ON -Y2-.

PHASE V - SHIFT TRAFFIC ON -Y2- TO THE TEMPORARY PAVEMENT AND CONSTRUCT PROPOSED CULVERT FOR MEADOW BRANCH ON THE RIGHT SIDE OF -Y2-. SHIFT TRAFFIC ON -L- AND THE PROPOSED CULVERT FOR MEADOW BRANCH OF LEFT SIDE OF -L-. CONSTRUCT REMAINING PORTIONS OF -L- AND -Y2- TO COMPLETE THE NORTHEAST QUADRANT OF THE FAYETTEVILLE RD./ROBERTS AVE. INTERSECTION.

PHASE VI - SHIFT TRAFFIC ON -Y2- AND REMOVE TEMPORARY WIDENING AND TEMPORARY PIPES. CONSTRUCT ROADWAY IMPROVEMENTS ON THE LEFT SIDE OF -Y2- WEST OF -L-. WORKING AT NIGHT AS NECESSARY CONSTRUCT THE CENTER LANES OF -Y2-. UTILIZING ROAD AND LANE CLOSURES CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS ON -Y1-, -Y1A-, -Y1B-, AND THE REST OF THE RIGHT SIDE OF -L- AND -Y2-.

PHASE VII - UTILIZING ROAD AND LANE CLOSURES REMOVE TEMPORARY PAVEMENT ON FAYETTEVILLE RD, CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS ON -YA-, THE LEFT SIDE OF -Y- , AND THE LEFT SIDE OF -L- SOUTH OF -Y2-. SHIFT TRAFFIC ON -Y- TO THE LEFT SIDE AND CONSTRUCT PROPOSED ROADWAY IMPROVEMENTS ON THE RIGHT SIDE OF -Y-.

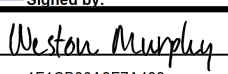
PHASE VIII - PLACE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS AND MARKERS FOR THE ENTIRE PROJECT.

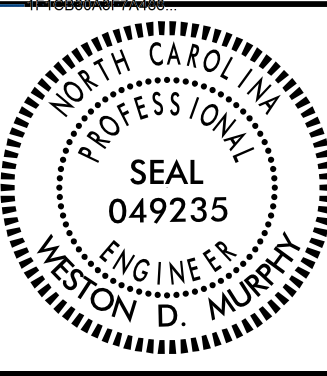
LOCAL NOTES

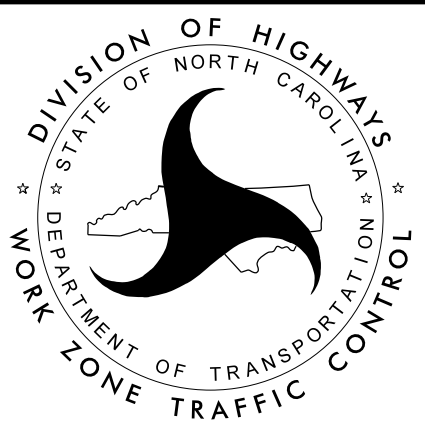
CONTRACTOR SHALL COORDINATE WITH CSX RAILROAD PRIOR TO STARTING CONSTRUCTION ALONG N. ROBERTS AVE. AND LINKHAW RD. CSX FORCES TO CONSTRUCT CROSSING SURFACE AND RAILROAD SIGNAL.

CONTRACTOR SHALL COORDINATE WITH LUMBERTON FIRE DEPARTMENT PRIOR TO STARTING CONSTRUCTION.

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APPROVED:  DATE 1/30/2025

SEAL 



MANAGEMENT STRATEGIES & LOCAL NOTES

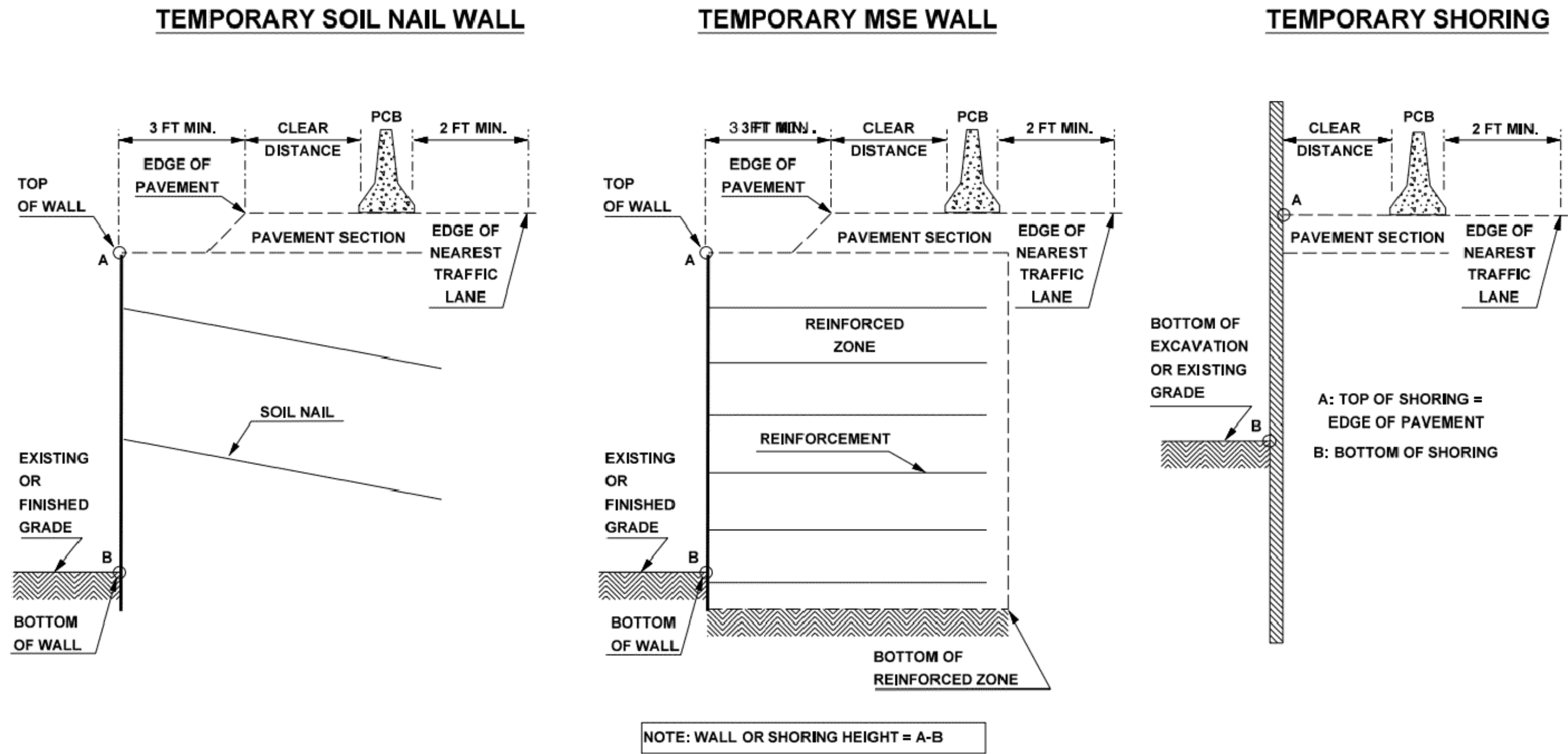


FIGURE A

NOTES

- 1- REFER TO THE TRAFFIC CONTROL PLANS FOR TEMPORARY SHORING LOCATIONS AND NOTES.
- 2- REFER TO THE "TEMPORARY SHORING" PROJECT SPECIAL PROVISION FOR INFORMATION ABOUT TEMPORARY SHORING AND PORTABLE CONCRETE BARRIER (PCB).
- 3- PCB IS REQUIRED IF TEMPORARY SHORING/WALL IS LOCATED WITHIN THE CLEAR ZONE IN ACCORDANCE WITH THE AASHTO ROADSIDE DESIGN GUIDE. DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE. (CONTACT NCDOT PAVEMENT MANAGEMENT UNIT FOR APPLICABLE PAVEMENT DESIGN).
- 4- BASED ON THE CLEAR DISTANCE, OFFSET, DESIGN SPEED AND PAVEMENT TYPE, CHOOSE AN UNANCHORED OR ANCHORED PCB FROM THE TABLE SHOWN IN FIGURE B. CLEAR DISTANCE IS DEFINED AS SHOWN IN FIGURE A AND OFFSET IS DEFINED AS SHOWN IN FIGURE B.
- 5- AT THE CONTRACTOR'S OPTION OR IF THE MINIMUM REQUIRED CLEAR DISTANCE IS NOT AVAILABLE, SET PCB NEXT TO AND UP AGAINST THE TRAFFIC SIDE OF THE TEMPORARY SHORING/WALL EXCEPT FOR BARRIER ABOVE TEMPORARY WALLS. PCB WITH THE MINIMUM REQUIRED CLEAR DISTANCE IS REQUIRED ABOVE TEMPORARY WALLS.
- 6- USE NCDOT PORTABLE CONCRETE BARRIER (PCB) IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1170.01 AND SECTION 1170 OF THE STANDARD SPECIFICATIONS.
- 7- SET PCB WITH A MINIMUM HORIZONTAL DISTANCE OF 2 FT BETWEEN THE FRONT FACE OF THE BARRIER AND THE EDGE OF THE NEAREST TRAFFIC LANE AS SHOWN IN FIGURE A UNLESS OTHERWISE SHOWN IN THE PLANS AND OR AS APPROVED BY THE ENGINEER.
- 8- FOR PCB ABOVE AND BEHIND TEMPORARY WALLS, PROVIDE A MINIMUM DISTANCE OF 3 FT BETWEEN THE EDGE OF PAVEMENT AND THE WALL FACE AS SHOWN IN FIGURE A. IF THESE MINIMUM REQUIRED DISTANCE IS NOT AVAILABLE, CONTACT THE ENGINEER.
- 9- TABLE SHOWN IN FIGURE B IS BASED ON NCDOT RESEARCH PROJECT NO. 2005-010 WITH VEHICLE TYPE USED FOR NCHRP 350 CRASH TESTS.

Barrier Type	Pavement Type	Offset * ft	MINIMUM REQUIRED CLEAR DISTANCE, inches						
			Design Speed, mph						
			<30	31-40	41-50	51-60	61-70	71-80	
Unanchored PCB	Asphalt	<8	24	26	29	32	36	40	
		8-14	26	28	31	35	38	42	
		14-20	27	29	34	36	39	43	
		20-26	28	31	35	38	40	44	
		26-32	29	32	36	39	42	45	
		32-38	30	34	38	41	43	46	
		38-44	31	34	41	43	45	48	
		44-50	31	35	41	43	46	49	
		50-56	32	36	42	44	47	50	
	Concrete	>56	32	36	42	45	47	51	
		<8	17	18	21	22	25	26	
		8-14	19	20	23	25	26	29	
		14-20	22	22	24	26	28	31	
		20-26	23	24	26	27	30	34	
		26-32	24	25	27	28	32	35	
		32-38	24	26	27	30	33	36	
		38-44	25	26	28	30	34	37	
		44-50	26	26	28	32	35	37	
		50-56	26	26	28	32	35	38	
		>56	26	27	29	32	36	38	
Anchored PCB	Asphalt	All Offsets	24 for All Design Speeds						
Anchored PCB	Concrete (including bridge approach slabs)	All Offsets	12 for All Design Speeds						

* See Figure Below

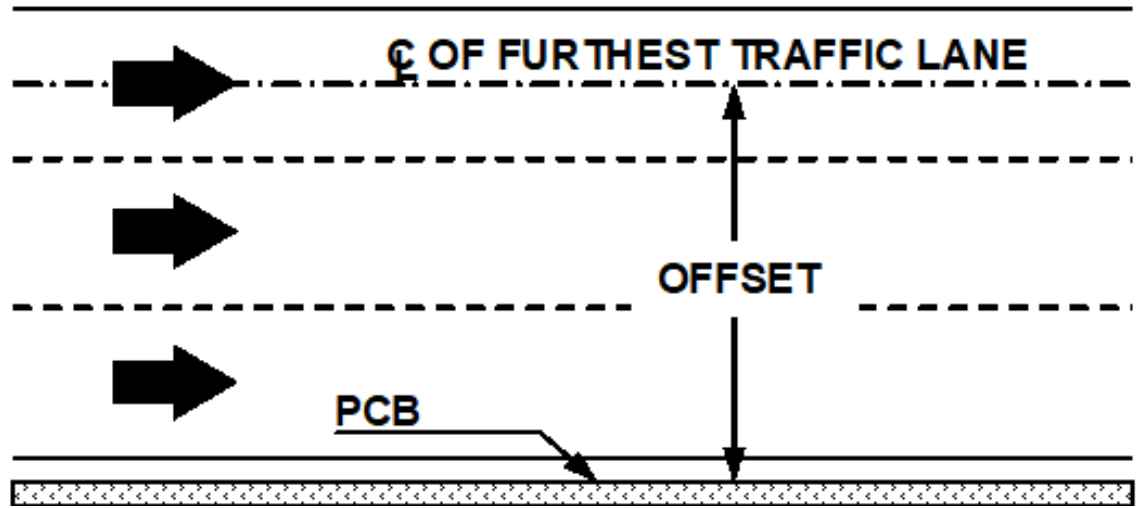


FIGURE B

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APPROVED: Weston Murphy DATE: 1/30/2025

SEAL
NORTH CAROLINA
PROFESSIONAL ENGINEER
SEAL 049235
WESTON D. MURPHY

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

PORTABLE CONCRETE
BARRIER AT
TEMPORARY SHORING
LOCATIONS

PHASING NOTES

NOTE:

- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS FOR ALL PHASES WITHIN THE PROJECT LIMITS AND COORDINATE AS NECESSARY WITH PROPERTY OWNERS.
- SOME PHASES MAY BE COMBINED AT THE DISCRETION OF THE RESIDENT ENGINEER.
- FLAGGERS SHALL BE USED AS NECESSARY ON ALL MAJOR DRIVEWAYS.
- TEMPORARY PAVEMENT MARKINGS SHALL BE PLACED IN ACCORDANCE WITH THE FINAL PAVEMENT MARKING PLANS, UNLESS OTHERWISE SHOWN IN THE TRANSPORTATION MANAGMENT PLANS OR DIRECTED BY THE ENGINEER. REMOVE CONFLICTING MARKINGS AS NEEDED.

PHASE I

STEP 1

INSTALL WORKZONE ADVANCE WARNING SIGNS IN ACCORDANCE WITH NCDOT RSD NO. 1101.01 SHEET 2 & 3 OF 3.

STEP 2

- USING RSD 1101.02 SHEET 2 OF 19 OR 1101.04 AS REQUIRED, PLACE TEMPORARY PAVEMENT MARKINGS AND SHIFT TRAFFIC ON -Y3- (BOOMERANG DR.) AS SHOWN ON TMP-3 THRU TMP-5 TO PERFORM THE FOLLOWING.
- A) CONSTRUCT PROPOSED DRAINAGE, INCIDENTAL DRIVEWAYS, SIDEWALKS, AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM FOLLOWING STATION RANGES:
- Y2- STA. 37+15+/- LT TO -Y2- STA. 31+32+/- LT
 - Y3- STA. 25+38+/- LT TO -Y3- 14+21+/- LT
 - L- 52+76+/- RT TO -L- STA. 67+92+/- RT
 - L- 69+82+/- RT TO -Y4- STA. 16+07.49 LT
- B) CONSTRUCT TEMPORARY PAVEMENT FROM -L- STA. 58+45+/- RT TO -L- STA. 60+83+/- RT AND 61+35+/- RT TO 62+00+/- RT.

STEP 3 (NOT SHOWN)

- USING RSD 1101.02 SHEET 2 OF 19 OR 1101.04 AS REQUIRED, SHIFT TRAFFIC ON -Y3- (BOOMERANG DR.) TO PERFORM THE FOLLOWING:
- A) CONSTRUCT PROPOSED DRAINAGE CROSS PIPES IN THE CENTER OF THE ROAD SO THE REMAINDER CAN BE CONSTRUCTED IN PHASE II STEP 1. CROSS PIPES ARE LOCATED AT THE FOLLOWING STATIONS:
- Y3- STA. 24+05+/-
 - Y3- STA. 24+85+/-
- B) PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-6 FOR PHASE II USING 1101.02 SHEET 7 OF 19.

PHASE II

STEP 1

- A) USING RSD 1101.03 SHEET 2 OF 9, INSTALL AND COVER OFF-SITE DETOUR SIGNS FOR CLOSURE OF SOUTHBOUND -Y3- (BOOMERANG DR).
- B) PLACE TYPE III BARRICADES AND CLOSE SOUTHBOUND -Y3- (BOOMERANG DR) TO TRAFFIC. UNCOVER DETOUR SIGNS AND DETOUR TRAFFIC OFF-SITE VIA -L- (FAYETTEVILLE RD) TO -Y2- (N. ROBERTS AVE) BACK TO -Y3- (BOOMERANG DR). KEEP THE NORTHBOUND -Y3- TRAFFIC IN A TEMPORARY PATTERN AS SHOWN IN TMP-6
- C) PERFORM THE FOLLOWING:
CONSTRUCT PROPOSED DRAINAGE, INCIDENTAL DRIVEWAYS, SIDEWALKS, AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 48+86+/- RT TO -L- STA. 52+68+/- RT AND -Y3- STA. 14+16+/- RT TO -Y3- STA. 25+30+/- RT.

STEP 2 (NOT SHOWN)

USING RSD. 1101.02 SHEET 3 OF 19, WEDGE EXISTING PAVEMENT AS NECESSARY AND PLACE TEMPORARY PAVEMENT MARKINGS ON -L- FAYETTVILLE RD. AS SHOWN ON TMP-7 THRU TMP-9 FOR PHASE II STEP 3.

STEP 3

- USING RSD 1101.02 SHEET 3 OF 19 OR RSD 1101.04 AS REQUIRED, WEDGE EXISTING PAVEMENT AS NECESSARY TO SHIFT TRAFFIC ON -L- (FAYETTEVILLE RD.), PLACE PORTABLE CONCRETE BARRIER, TEMPORARY SHORING, AND TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-6 THRU TMP-8 TO PERFORM THE FOLLOWING:
- A) CONSTRUCT PROPOSED STRUCTURES, INCIDENTAL DRIVEWAYS, SIDEWALKS, AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -Y2- STA. 24+80+/- LT TO -L- STA. 86+31+/- LT.
- B) PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-9 THRU TMP-11 FOR PHASE III.



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PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-2A-1

PHASE III

STEP 1

- USING RSD 1101.02, SHEET 3 OF 19, SHIFT TRAFFIC ON -L- (FAYETTEVILLE RD.), PLACE CHANGEABLE MESSAGE SIGNS, PORTABLE CONCRETE BARRIER, AND TEMPORARY SHORING AS SHOWN ON TMP-10 THRU TMP-12 TO PERFORM THE FOLLOWING:
- A) CONSTRUCT PROPOSED STRUCTURES, DRAINAGE, GUARDRAIL, AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 52+79+/- TO -L- STA. 86+31+/- and -Y2- STA. 25+15+/- TO -Y2- STA. 27+15+/-.
- B) PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-15 THRU TMP-17 FOR PHASE IV.
- C) UTILIZING LAW ENFORCMET TO CONTROL TRAFFIC. CONTRACTOR SHALL MAINTAIN ACCESS FOR SCHOOL BUSES THROUGH MEDIAN FOR ALL ARRIVALS AND DEPARTURES TO LUMBERTON SENIOR HIGH SCHOOL. USE STEEL PLATES AND INCIDENTAL STONE BASE AS NEEDED.

STEP 2 (NOT SHOWN)

- USING RSD 1101.02, SHEET 3 OF 19, SHIFT TRAFFIC ON -L- (FAYETTEVILLE RD.) TO THE OUTSIDE LANES AND PERFORM THE FOLLOWING:
- A) CONSTRUCT PROPOSED DRAINAGE, MONOLITHIC ISLANDS, AND INSIDE LANES OF ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 45+00+/- TO -L- STA. 52+79+/-.
- B) REMOVE EXISTING ISLAND ON -L- (FAYETTEVILLE RD.) FROM -L- STA. 41+69+/- TO STA. 44+57+/-, AND PATCH ROADWAY.
- C) PLACE TEMPORARY PAVEMENT MARKINGS ON -L- (FAYETTEVILLE RD.) AS SHOWN ON TMP-13.

STEP 3:

USING RSD 1101.02, SHEET 3 OF 19, INSTALL ALL PERMANENT SIGNAGE NECESSARY FOR THE QUAD LEFT TURN MOVEMENTS AND SHIFT TRAFFIC ON -L- (FAYETTEVILLE RD.) EXCEPT OVERHEAD SIGNS 4 AND 5. UTILIZED CHANGEABLE MESSAGE BOARDS IN PLACE OF OVERHEAD SIGNS UNTIL THEY ARE CONSTRUCTED IN STEP 4. SHIFT TRAFFIC TO UTILIZE THE NEW QUAD LEFT TRAFFIC PATTERN.

STEP 4

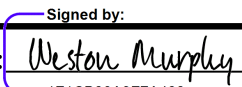
- USING RSD 1101.02, SHEET 1 OF 19 OR 1101.03 SHEETS 1 AND 2 OF 9 AS NEEDED, PERFORM THE FOLLOWING:
- PLACE TYPE III BARRICADES, PORTABLE CONCRETE BARRIER, AND TEMPORARY PAVEMENT MARKINGS TO SHIFT TRAFFIC ON -L- FAYETTVILLE ROAD AND -Y4- LINKHAW TO THE PHASE IV TRAFFIC CONFIGURATION AS SHOWN ON TMP-15 THRU TMP-17.
- INSTALL AND COVER DETOUR SIGNAGE TO CLOSE -L- (FAYETTEVILLE RD.) AND CLOSE INSIDE LEFT TURN LANE ON -Y4- LINKHAW ROAD. UNCOVER DETOUR SIGNS, AND DETOUR SB FAYETTEVILLE RD. TRAFFIC ONTO THE OFF-SITE DETOUR AS SHOWN ON SHEET TMP-14A THRU TMP-14C.
- AWAY FROM TRAFFIC AND UTILIZING FLAGGERS AND LAW ENFORCEMENT AS NECESSSARY TO MAINTAIN LOCAL ACCESS, CONSTRUCT PROPOSED OVERHEAD SIGN 4 AND 5 ON -L- (FAYETTEVILLE RD.). SEE SIGNING PLANS.

STEP 5 (NOT SHOWN)

REMOVE DETOUR SIGNS AND UNCOVER PERMANENT SIGNS NECESSARY FOR THE QUAD LEFT TURN MOVEMENTS. OPEN -L- (FAYETTEVILLE RD.) TO TRAFFIC UTILIZING THE NEW TRAFFIC PATTERN.

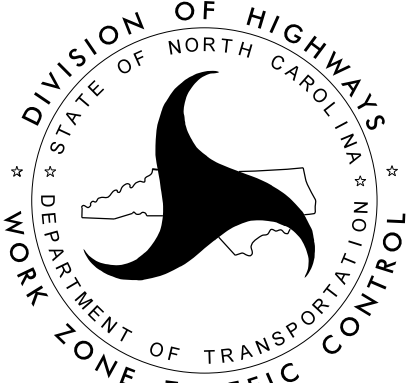
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SEAL





TEMPORARY TRAFFIC
CONTROL PHASING

PHASE IV

STEP 1

USING RSD 1101.02, SHEET 3 OF 19, SHIFT TRAFFIC ON -Y4- (LINKHAW RD.), PLACE TRAFFIC CONTROL DEVICES, AND TEMPORARY SHORING AS SHOWN ON TMP-15 THRU TMP-17.

- A) CONSTRUCT PROPOSED STRUCTURES, INCIDENTAL DRIVEWAYS, SIDEWALKS, DRAINAGE, AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM THE FOLLOWING STATION RANGES:
- L- STA. 63+28+/- RT TO -Y4- STA. 12+50+/- RT
 - L- STA. 69+82+/- RT TO -L- STA. 86+14+/- RT

- B) PLACE TEMPORARY PAVEMENT MARKINGS ON -L- IN THE FINAL PATTERN FROM -L- STA. 52+79+/- TO STA. 86+31+/- (SEE PAVEMENT MARKING PLANS).

STEP 2

USING RSD 1101.02, SHEET 3 OF 19, SHIFT TRAFFIC ON -Y4- (LINKHAW RD.), PLACE PORTABLE CONCRETE BARRIER, AND TEMPORARY SHORING AS SHOWN ON TMP-18 AND PERFORM THE FOLLOWING:

- A) CONSTRUCT PROPOSED STRUCTURES, INCIDENTAL DRIVEWAYS, SIDEWALKS, AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -Y4- STA. 12+50+/- RT TO -Y4- STA. 17+06+/- RT.
- B) USING RSD. 1101.02 SHEET 3 OF 19, OR 1101.04, PLUG AND FILL THE EXISTING CULVERT AND TEMPORARY EXTENTION.

STEP 3 (NOT SHOWN)

USING RSD 1101.02 SHEET 3 OF 19, SHIFT TRAFFIC ON -Y4- (LINKHAW RD.) TO THE OUTSIDE LANES AND PERFORM THE FOLLOWING:

- A) CONSTRUCT THE REMAINDER OF DRAINAGE AND PROPOSED ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE ON -Y4- (LINKHAW RD.).
- B) PLACE TEMPORARY PAVEMENT MARKINGS ON -Y4- IN THE FINAL PATTERN (SEE PAVEMENT MARKING PLANS).

STEP 4

USING RSD 1101.02 SHEET 3 OF 19 OR RSD 1101.04 AS REQUIRED, SHIFT TRAFFIC ON -Y2- (NC 211), PLACE TEMPORARY PAVEMENT MARKINGS, PORTABLE CONCRETE BARRIER, AND TEMPORARY SHORING AS SHOWN ON TMP-19 TO PERFORM THE FOLLOWING:

- A) CLOSE LEFT OUTSIDE LANE OF -Y2- AS NECESSARY TO CONSTRUCT THE 72" RCP.
- B) OPEN LEFT OUTSIDE LANE AND CONSTRUCT PROPOSED STRUCTURES AND TEMPORARY 108" CSPs.
- C) CONSTRUCT TEMPORARY PAVEMENT FROM -Y2- STA. 15+75+/- TO -Y2- STA. 24+55+/-.

PHASE V

STEP 1

USING RSD 1101.02 SHEET 3 OF 19, PLACE PORTABLE CONCRETE BARRIER, TEMPORARY SHORING, TEMPORARY PAVEMENT MARKINGS, AND SHIFT TRAFFIC ON -Y2- (ROBERTS AVE.) AND -L- (FAYETTVILLE RD.) AS SHOWN ON TMP-20 THRU TMP-21.

- A) CONSTRUCT PROPOSED STRUCTURES, DRAINAGE, GUARDRAIL, AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 38+56+/- LT. TO -Y2- STA. 17+30+/- RT.
- B) COORDINATE WITH THE FIRE DEPARTMENT AND CLOSE THE RIGHT OUTSIDE LANE OF -Y2-(ROBERTS AVE.) AND CONSTRUCT DRAINAGE AND PROPOSED ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -Y2- STA. 15+60+/- RT TO STA. 17+30+/- RT.

STEP 2

USING RSD 1101.02, SHEET 3 OF 19, SHIFT TRAFFIC ON -Y2- (ROBERTS AVE.) AND -L- (FAYETTVILLE RD.) AS SHOWN ON TMP-22.

- A) CONSTRUCT PROPOSED DRAINAGE AND PROPOSED ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 48+58+/- RT TO -Y2- STA. 30+19+/- LT.

PHASE VI

STEP 1

USING RSD 1101.02, SHEET 3 OF 19, PLACE TEMPORARY PAVEMENT MARKINGS, AND SHIFT TRAFFIC ON -Y2- (ROBERTS AVE.) AS SHOWN ON TMP-23.

- A) REMOVE TEMPOARRY PAVEMENT WIDENING AND CULVERT EXTENSION.
- B) CONSTRUCT PROPOSED DRAINAGE, AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -Y2- STA. 15+60+/- LT TO -Y2- STA. 24+78+/- LT.

STEP 2 (NOT SHOWN)

USING RSD 1101.02 SHEET 3 OF 19, SHIFT TRAFFIC ON -Y2- (ROBERTS AVE.) TO THE OUTSIDE LANES IN EACH DIRECTION.

- A) CONSTRUCT PROPOSED DRAINAGE AND INSIDE LANES UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -Y2- STA. 15+60+/- TO -Y2- STA. 37+15+/-.
- B) COORDINATE WITH CSX RAILROAD TO CONSTRUCT THE RAIL CROSSING.

STEP 3 (NOT SHOWN)

USING RSD 1101.03, SHEET 1 AND 2 OF 9, INSTALL AND COVER TYPE III BARRICADES AND DETOUR SIGNS TO CLOSE THE FOLLOWING ROADS AS SHOWN ON TMP-24 THRU TMP-25A:

- GODWIN AVE. FROM -Y1- STA. 13+77.68 TO -L-(FAYETTEVILLE RD.)
- CEDAR ST. FROM -Y1A- STA. 10+21 TO -Y1-(GODWIN AVE.)

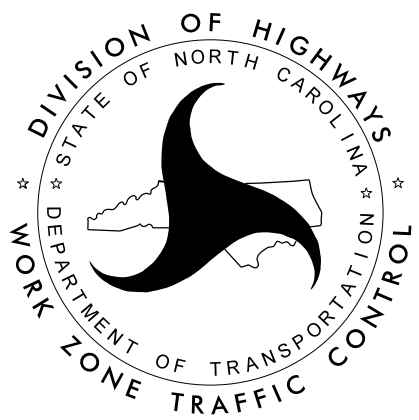
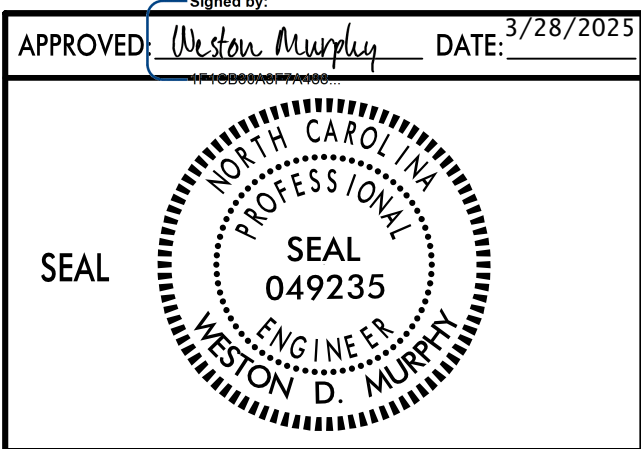
STEP 4

USING RSD 1101.02 SHEET 2 OF 19 OR SHEET 3 OF 19 AS NEEDED, PLACE TEMPORARY PAVEMENT MARKINGS, CONCRETE BARRIER, TEMPORARY SHORING, UNCOVER DETOUR SIGNAGE AND SHIFT TRAFFIC ON -L-(FAYETTEVILLE RD.) AS SHOWN ON TMP-24 AND TMP-25.

- A) CONSTRUCT PROPOSED STRUCTURES, DRAINAGE, INCIDENTAL DRIVEWAYS, GUARDRAIL, AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER COURSE FROM THE FOLLOWING STATION RANGES:
- L- STA. 20+38.00 RT TO -Y2- STA. 37+15.00 RT
 - Y1- STA 10+61+/- TO -Y1- STA. 13+77.68
 - Y1A- STA 10+21.00 TO -Y1A- STA. 12+31.06
 - Y1B- STA 10+25.81 TO -Y1B- STA. 10+62+/-
- B) COORDINATE WITH CSX RAILROAD TO CONSTRUCT THE RAIL CROSSING.
- C) REMOVE EXISTING PAVEMENT ON -Y1B- (E. 23RD ST.) AS SHOWN ON TMP-24.
- D) PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-26 AND TMP-27 FOR PHASE VII.

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TEMPORARY TRAFFIC
CONTROL PHASING

stv

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Suite 210
Morrisville, NC 27560
NC License Number F-0991

PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-2A-3

PHASE VII

STEP 1

USING RSD 1101.03, SHEET 1 AND 2 OF 9, INSTALL AND COVER TYPE III BARRICADES AND DETOUR SIGNAGE TO CLOSE THE FOLLOWING ROADS AS SHOWN ON TMP-26 THRU 27B:

- E. 24th ST.(-Y-) FROM STA. 11+70.00 TO -Y- STA. 14+50+/-.
- E. 23rd ST.(-YA-) FROM STA. 10+44.00 TO -YA- STA. 11+00+/-.
- E. 22nd ST.(-YB-) FROM STA. 12+57.95 TO -YB- STA. 13+50+/-
- N. PINE ST. FROM E. 22nd ST.(-YB-) TO E. 24th ST.(-Y-)

CLOSE SOUTHBOUND FAYETTEVILLE RD FROM STA. 20+38.00 TO THE PREVIOUSLY CONSTRUCTED ROUNDABOUT. DETOUR SOUTHBOUND TRAFFIC USING ROBERTS AVE.(NC 211) AND E.ELIZABETHTOWN RD.(NC 41) AS SHOWN ON TMP-26 THRU TMP-27B.

STEP 2

USING RSD 1101.02 SHEET 3 OF 19, UNCOVER DETOUR SIGNAGE SHIFT TRAFFIC ON -L- (FAYETTEVILLE RD.) AS SHOWN ON TMP-26 AND TMP-27.

A) CONSTRUCT PROPOSED DRAINAGE, INCIDENTAL DRIVEWAYS, SIDEWALKS, GUARDRAIL AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM THE FOLLOWING STATION RANGES:

- L- STA. 18+35.00 LT TO -L- STA. 44+58+/- LT
- Y- STA. 11+70.00 LT TO -Y- STA. 14+40+/- LT
- YA- STA. 10+44.00 TO -YA- STA. 11+00+/-
- YB- STA. 12+57.95 TO -YB- STA. 13+35+/-

B) REMOVE EXISTING PAVEMENT ON FAYETTEVILLE RD.(-L-) AND N. PINE ST. AS SHOWN ON TMP-26.

STEP 3

USING RSD 1101.02, SHEET 1 OF 19, REOPEN CLOSED ROADS FROM STEP 1 AND SHIFT SOUTHBOUND FAYETTEVILLE RD. TO USE THE ROUNDABOUT.

A) CONSTRUCT PROPOSED INCIDENTAL DRIVEWAYS, AND ROADWAY UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -Y- STA. 11+70.00 RT TO -Y- STA. 14+40+/- RT.

B) UTILIZING LANE CLOSURES, CONSTRUCT MONOLITHIC ISLAND AND GRASS MEDIAN FROM -L- STA. 26+42+/- TO STA. 28+69+/-.

C) PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN (SEE PAVEMENT MARKING PLANS).

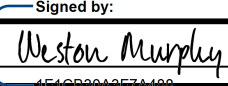
PHASE VIII (NOT SHOWN)

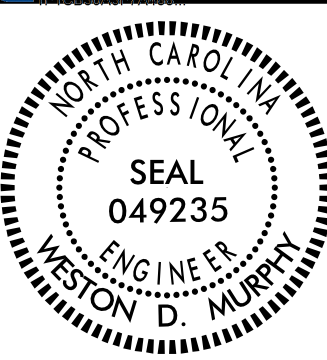
STEP 1

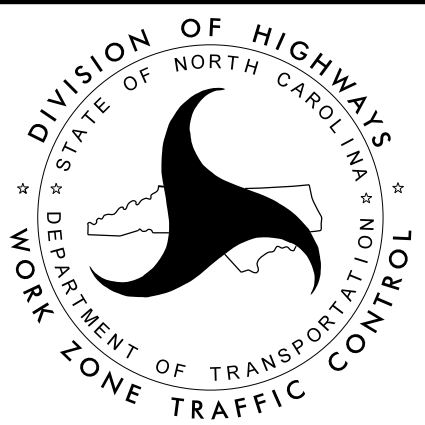
UTILIZING NCDOT RSD NO. 1101.02, SHEET 1 OF 19, SHEET 3 OF 19, OR SHEET 11 OF 19, AS NEEDED TO PLACE REMAINING CONCRETE MONOLITHIC ISLANDS, FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS AND MARKERS FOR THE FOLLOWING STAION RANGES:

- L- STA. 18+35.00 TO STA. 87+20.00
- Y- STA. 11+70.00 TO STA. 14+14.95
- Y1- STA. 10+65.00 TO STA. 14+55.00
- Y1A- STA. 11+21.00 TO STA. 12+31.06
- Y2- STA. 15+60.00 TO STA. 37+15.00
- Y3- STA. 12+50.00 TO STA. 25+23.64
- Y4- STA. 10+47.76 TO STA. 18+25.00
- Y5- STA. 10+47.75 TO STA. 11+50.00
- Y6- STA. 11+28.93 TO STA. 14+58.88

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UNLESS ALL SIGNATURES COMPLETED

APPROVED  DATE 3/28/2025

SEAL 



TEMPORARY TRAFFIC
CONTROL PHASING

stv

STV Engineers, Inc.
2121 RDU Center Dr.
Suite 210
Morrisville, NC 27560
NC License Number F-0991

PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-2B

SHORING AREA No.	SHORING LOCATION No.	BEGIN STATION & OFFSET	END STATION & OFFSET	ESTIMATED AVERAGE HEIGHT	ESTIMATED MAXIMUM HEIGHT	SHORING LOCATION TYPE
AREA 1	No. 1	-L- 68+37 12.7' LT	-L- 68+93 12.2' LT	11.9'	12.1'	STRUCTURE
	No. 2	-L- 68+38 18.1' LT	68+94 17.0' LT	11.7'	11.8'	STRUCTURE
	No. 3	-L- 68+28 21.8' RT	68+94 21.9' RT	12.5'	12.5'	STRUCTURE
	No. 4	-L- 68+29 16.7' RT	-L- 68+69 17.0' RT	12.4'	12.4'	STRUCTURE
AREA 2	No. 5	-Y4- 10+18 8.1' RT	-Y4- 11+44 28.9 RT	11.8'	12.2'	STRUCTURE
	No. 6	-Y4- 13+50 28.2' RT	-Y4- 17+06 22.9 RT	9.8'	10.3'	STRUCTURE
	No. 7	THIS LOCATION HAS BEEN ELIMINATED FROM THE PLANS.				
AREA 3	No. 8	-Y2- 19+55 91.2' LT	-Y2- 20+16 89.8' LT	9.4'	11.2'	STRUCTURE
	No. 9	-Y2- 20+02 22.6' LT	-Y2- 21+15 23.2' LT	16.1'	16.3'	STRUCTURE
AREA 4	No. 10	-L- 42+89 5.4' LT	-L- 43+66 6.7' LT	13.7'	13.7'	STRUCTURE
AREA 5	No. 11	-Y2- 19+94 30.7' LT	-Y2- 21+08 31.0' LT	16.3'	16.6'	STRUCTURE
	No. 12	THIS LOCATION HAS BEEN ELIMINATED FROM THE PLANS.				
	No. 13	-Y2-19+47 83.3' LT	-Y2- 20+04 58.1' LT	14.9'	15.2'	STRUCTURE
	No. 14	-Y2- 20+39 60.2 LT	-Y2- 20+51 84.7' LT	15.3'	15.6'	STRUCTURE
AREA 4	No. 15	-L- 42+89 7.5' LT	-L- 43+63 7.8' LT	14.0'	14.1'	STRUCTURE

SHORING AREA 3 - LOCATIONS 8 AND 9

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING AREA NOS. 3 FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

GROUNDWATER ELEVATION = 120 FT
FROM GOUND SURFACE TO ELEVATION 112 FT:
UNIT WEIGHT (γ)= 115 PCF
FRICTION ANGLE (φ)= 28 DEGREES
COHESION (c) = 0 PSF
BELOW ELEVATION 112 FT:
UNIT WEIGHT (γ)= 125 PCF
FRICTION ANGLE (φ)= 32 DEGREES
COHESION (c) = 0 PSF

SHORING AREA 4 - LOCATIONS 10 AND 15

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING AREA NOS. 4 FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ)= 115 PCF
FRICTION ANGLE (φ)= 28 DEGREES
COHESION (c) = 0 PSF
GROUNDWATER ELEVATION = 120.0 FT

SHORING AREA 5 - LOCATIONS 11, 13, AND 14

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING AREA NOS. 5 FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

GROUNDWATER ELEVATION = 120 FT
FROM GOUND SURFACE TO ELEVATION 112 FT:
UNIT WEIGHT (γ)= 115 PCF
FRICTION ANGLE (φ)= 28 DEGREES
COHESION (c) = 0 PSF

BELOW ELEVATION 112 FT:
UNIT WEIGHT (γ)= 125 PCF
FRICTION ANGLE (φ)= 32 DEGREES
COHESION (c) = 0 PSF

SHORING AREA 1 - LOCATIONS 1, 2, 3, AND 4

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING AREA NOS. 1 FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ)= 115 PCF
FRICTION ANGLE (φ)= 28 DEGREES
COHESION (c) = 0 PSF
GROUNDWATER ELEVATION = 126.0 FT

SHORING AREA 2 - LOCATIONS 5, AND 6

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

BEFORE BEGINNING TEMPORARY SHORING DESIGN OR CONSTRUCTION, SURVEY EXISTING GROUND ELEVATIONS IN THE VICINITY OF SHORING LOCATIONS TO DETERMINE ACTUAL SHORING HEIGHTS.

DESIGN TEMPORARY SHORING AREA NOS. 2 FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

GROUNDWATER ELVATTION = 125 FT
FROM GROUND SURFACE ELEVATION 108 FT:
UNIT WEIGHT (γ)= 115 PCF
FRICTION ANGLE (φ)= 28 DEGREES
COHESION (c) = 0 PSF
BELOW ELEVATION 108 FT:
UNIT WEIGHT (γ)= 120 PCF
FRICTION ANGLE (φ)= 30 DEGREES
COHESION (c) = 0 PSF

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Signed by: Weston Murphy DATE 1/30/2025

APPROVED: 1F1C83062F7A388

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NORTH CAROLINA
PROFESSIONAL
SEAL
049235
ENGINEER
WESTON D. MURPHY

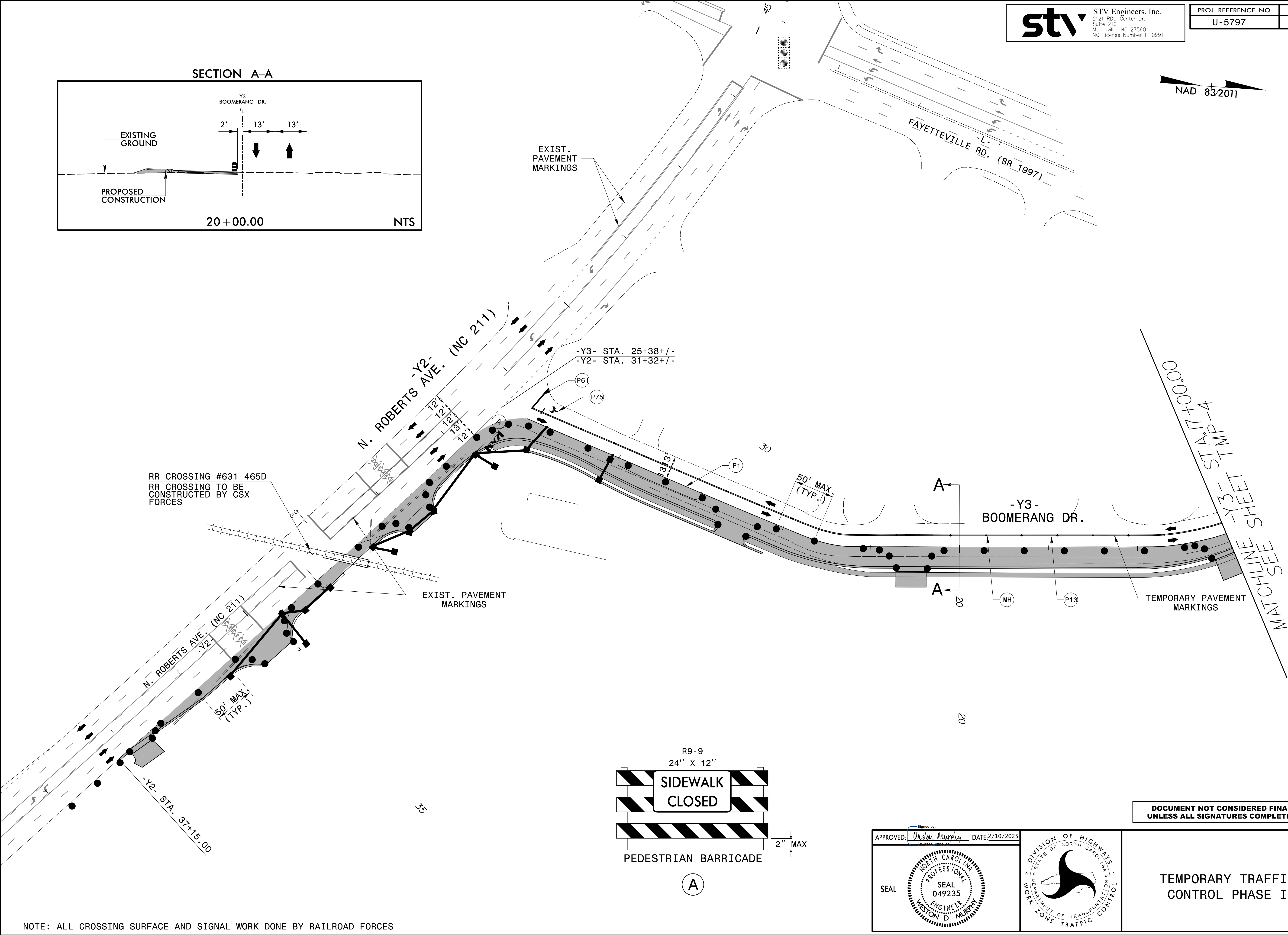
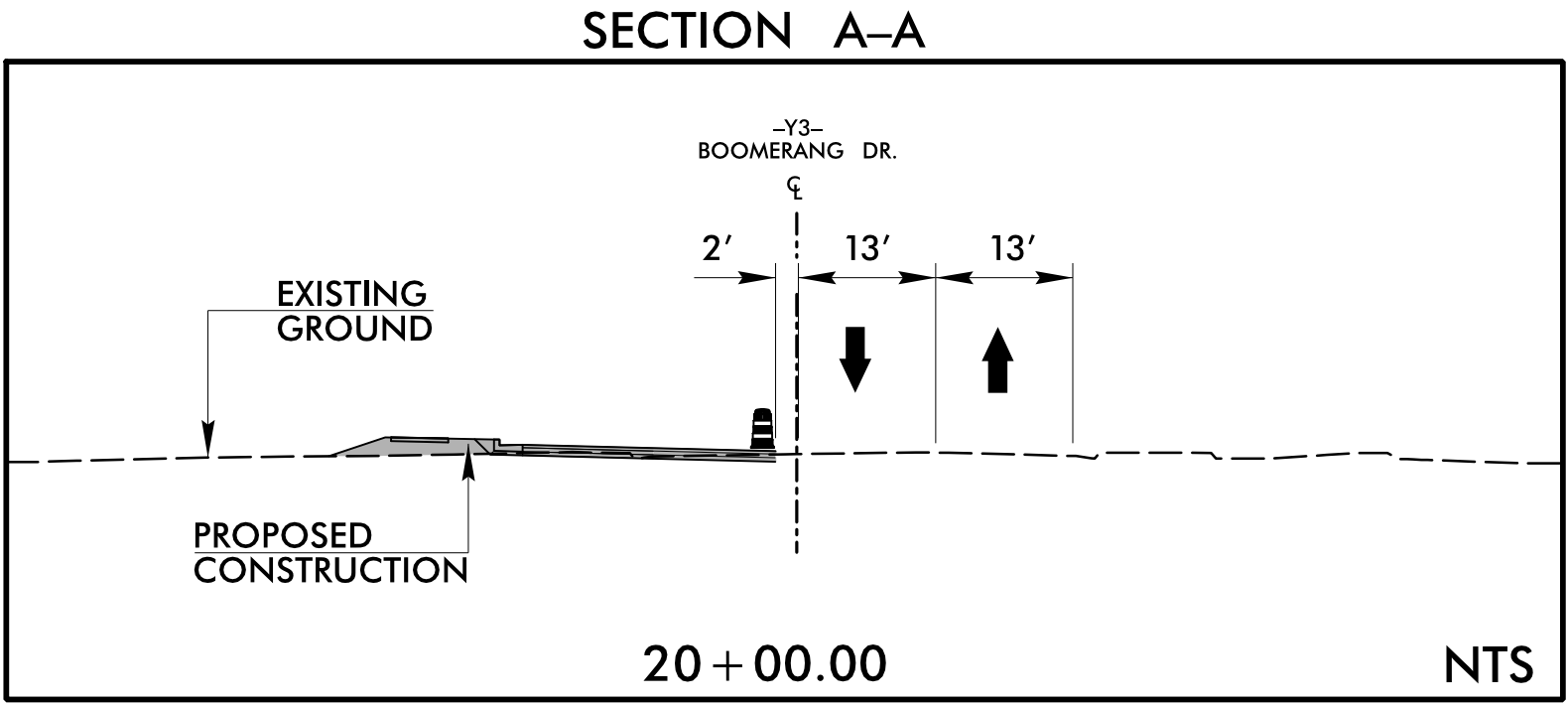
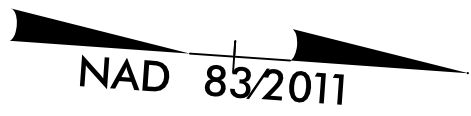


TEMPORARY
SHORING
NOTES

st^v

STV Engineers, Inc.
2121 RDU Center Dr.
Suite 210
Morrisville, NC 27560
NC License Number F-0991

PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-3

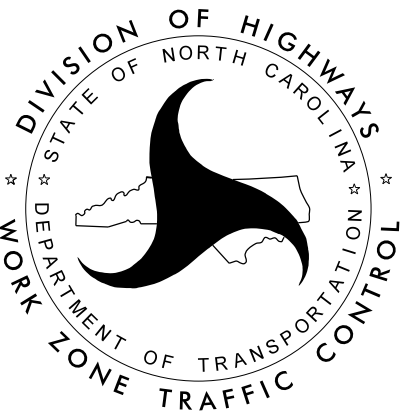


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

APPROVED: Weston Murphy DATE: 2/10/2025

SEAL

NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
049235
WESTON D. MURPHY



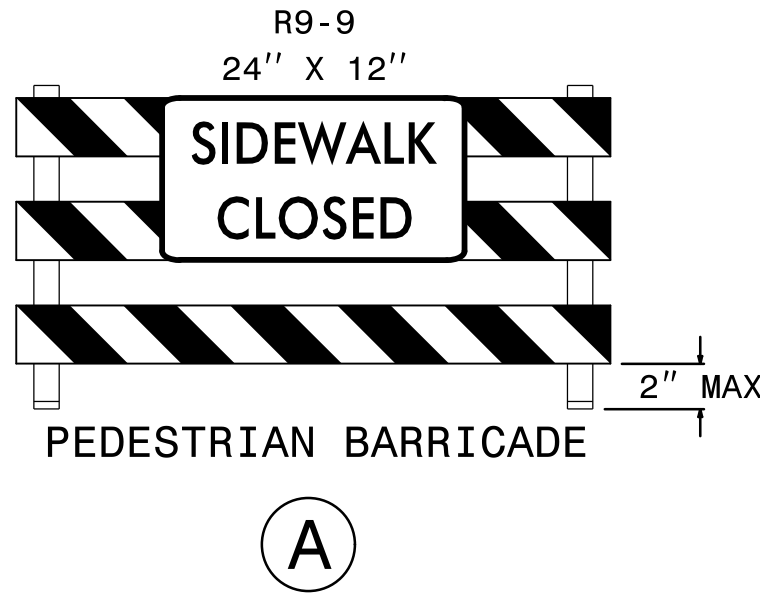
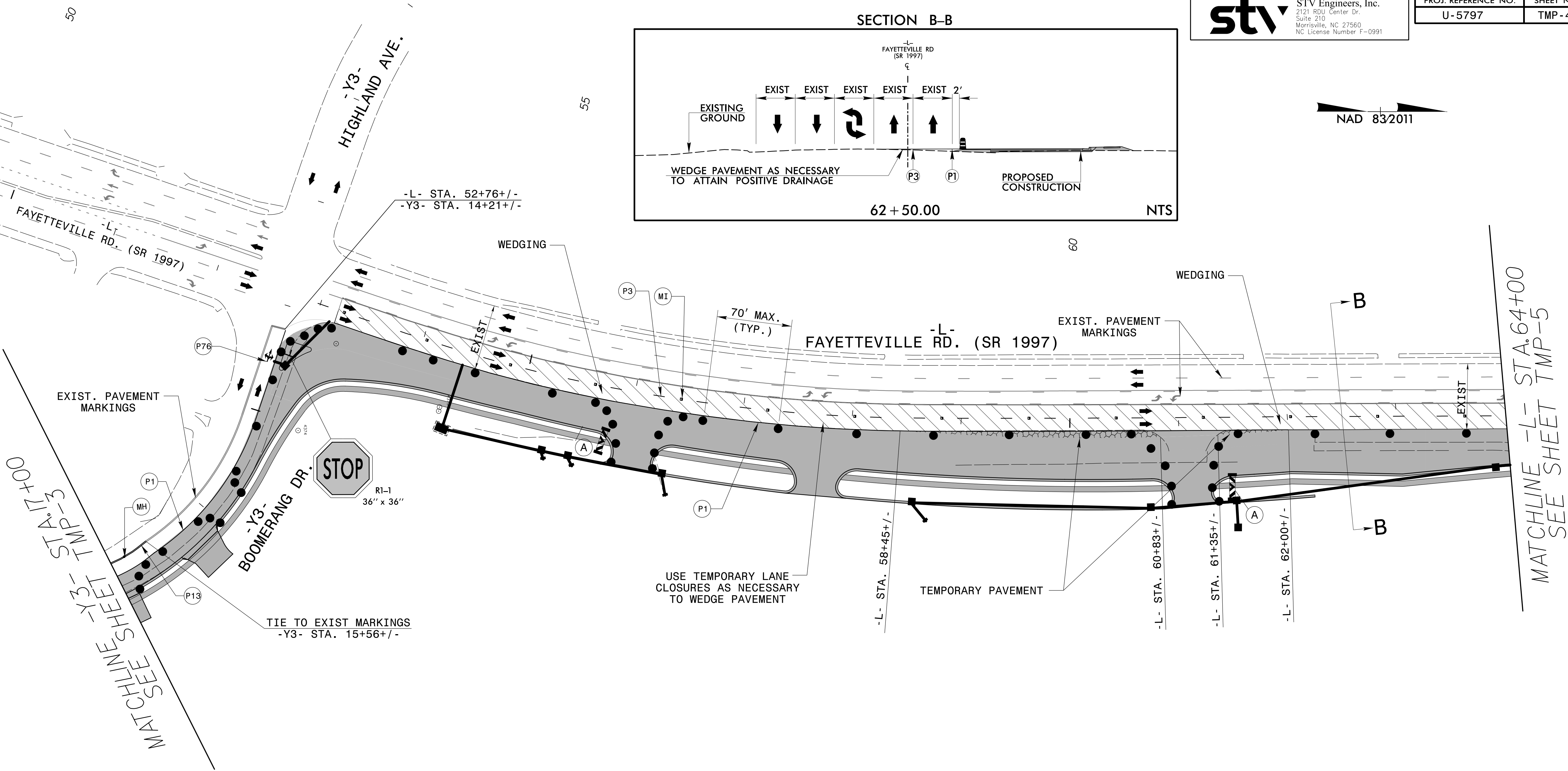
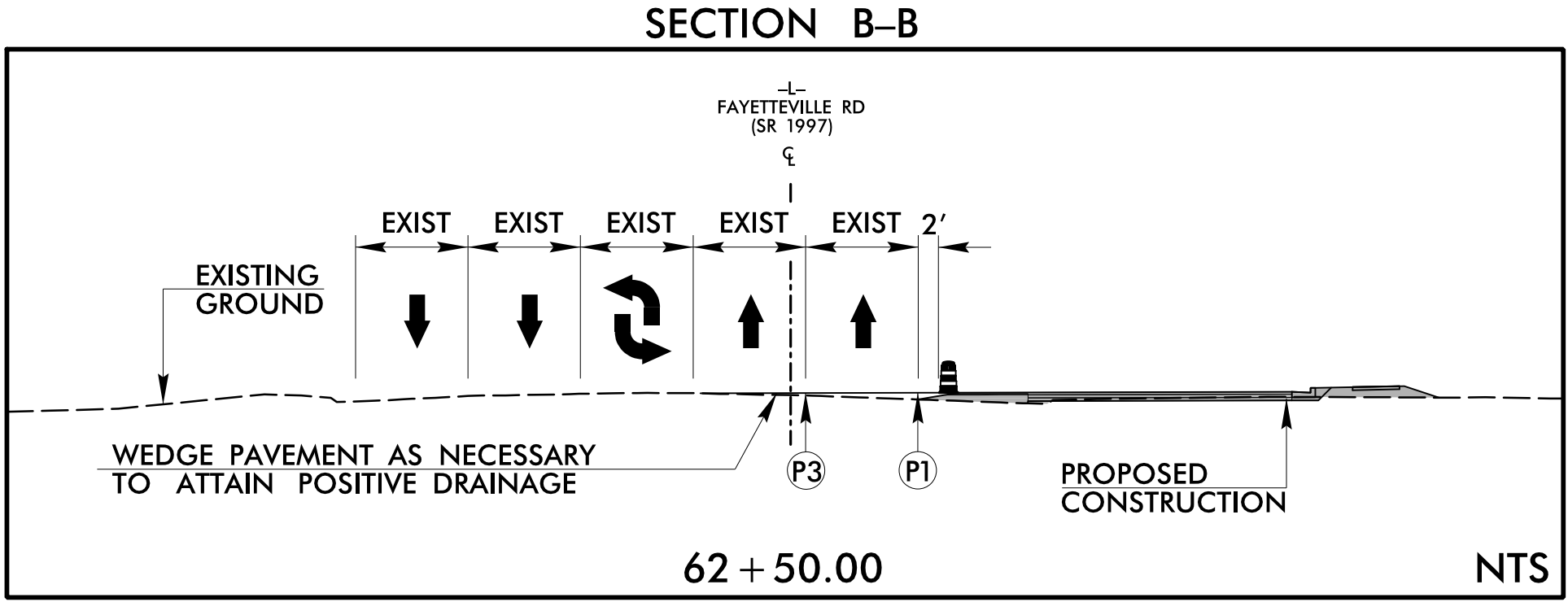
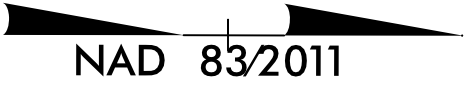
TEMPORARY TRAFFIC
CONTROL PHASE I

2/10/2025
K:\TrafficControl\TCP\Sheets\U-5797_TCP_TMP-3_Phase I.dgn
MurphyWD

stv

STV Engineers, Inc.
2121 RDU Center Dr.
Suite 210
Morrisville, NC 27560
NC License Number F-0991

PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-4



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

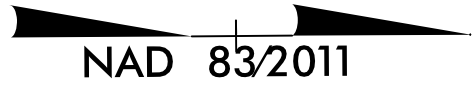
APPROVED: *Wesley D. Murphy* DATE: 2/10/2025

SEAL

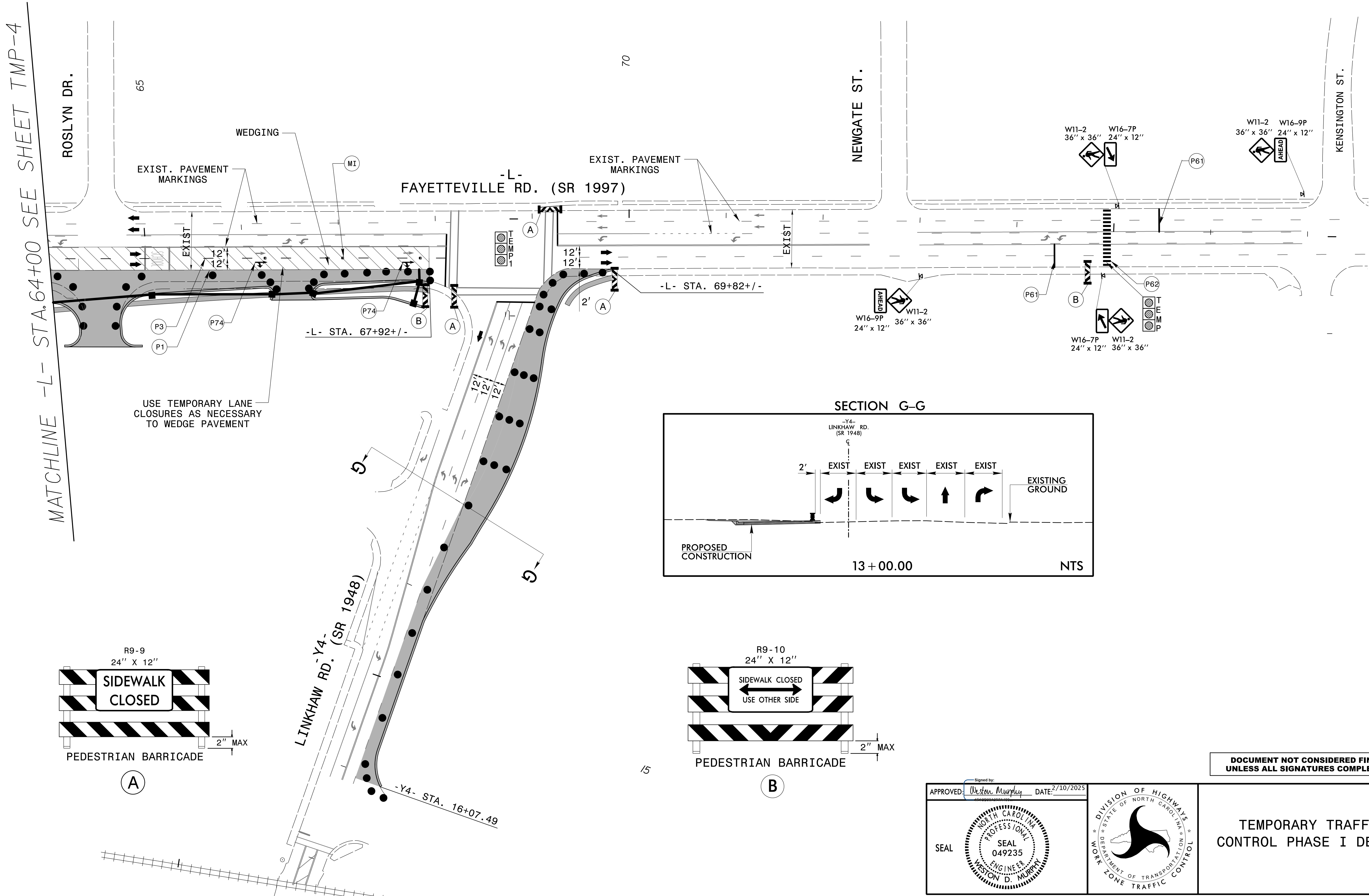


TEMPORARY TRAFFIC
CONTROL PHASE I

2/10/2025
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MurphyWD



75



WEDGING

EXIST. PAVEMENT MARKINGS

EXIST. PAVEMENT MARKINGS

-L- FAYETTEVILLE RD. (SR 1997)

NEWGATE ST.

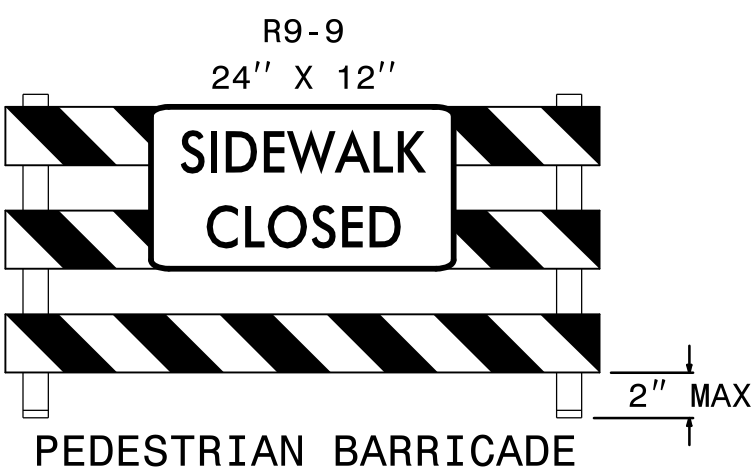
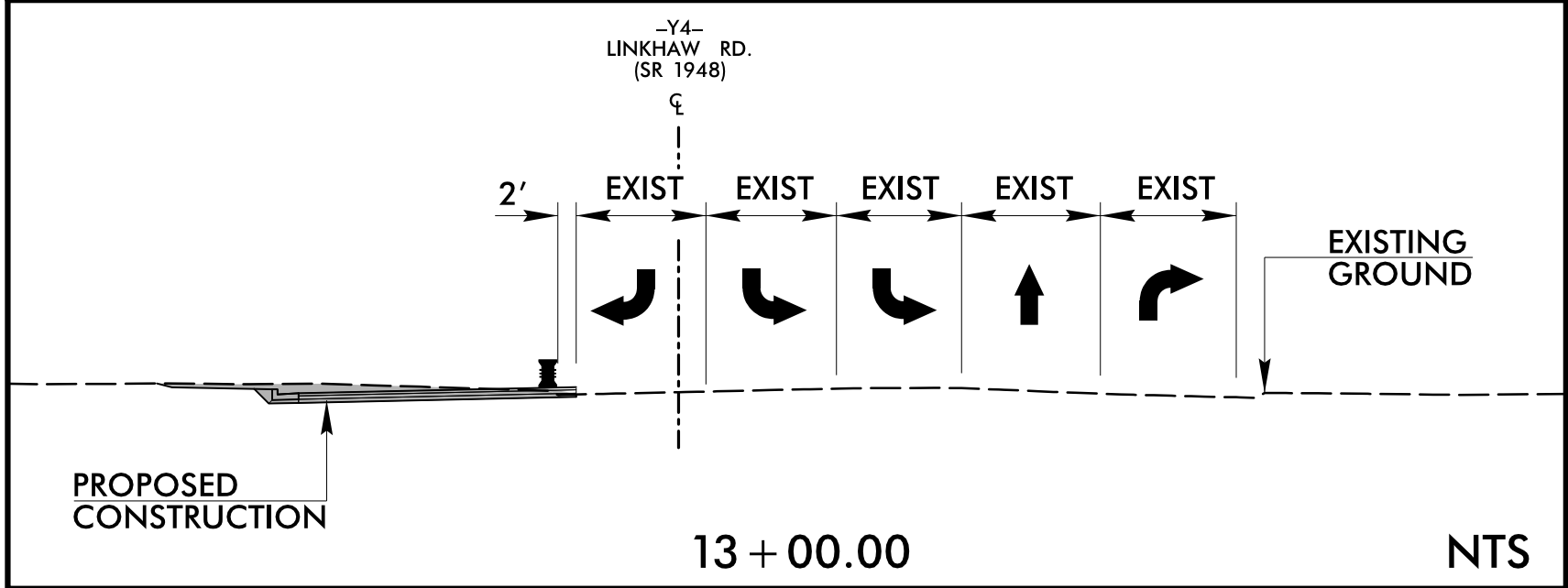
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ROSLYN DR.

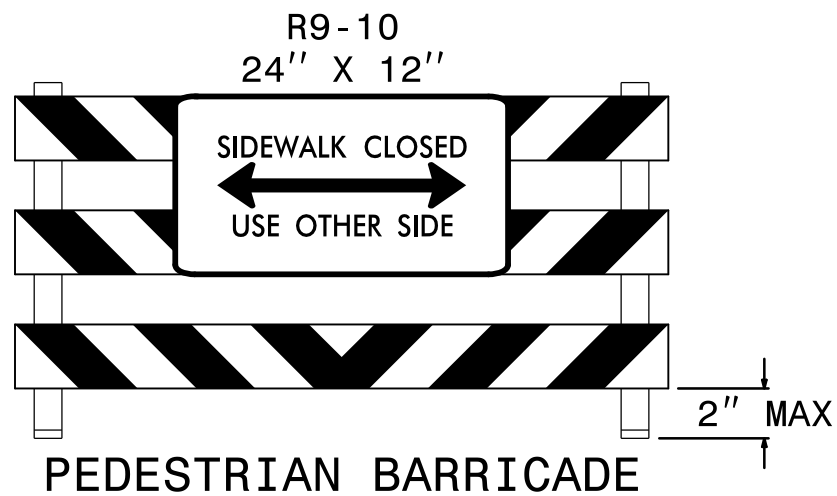
MATCHLINE -L- STA. 64+00 SEE SHEET TMP-4

USE TEMPORARY LANE CLOSURES AS NECESSARY TO WEDGE PAVEMENT

SECTION G-G



A



B

APPROVED: Weston Murphy DATE: 2/10/2025

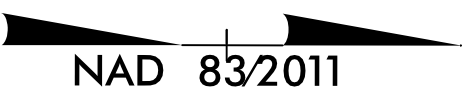
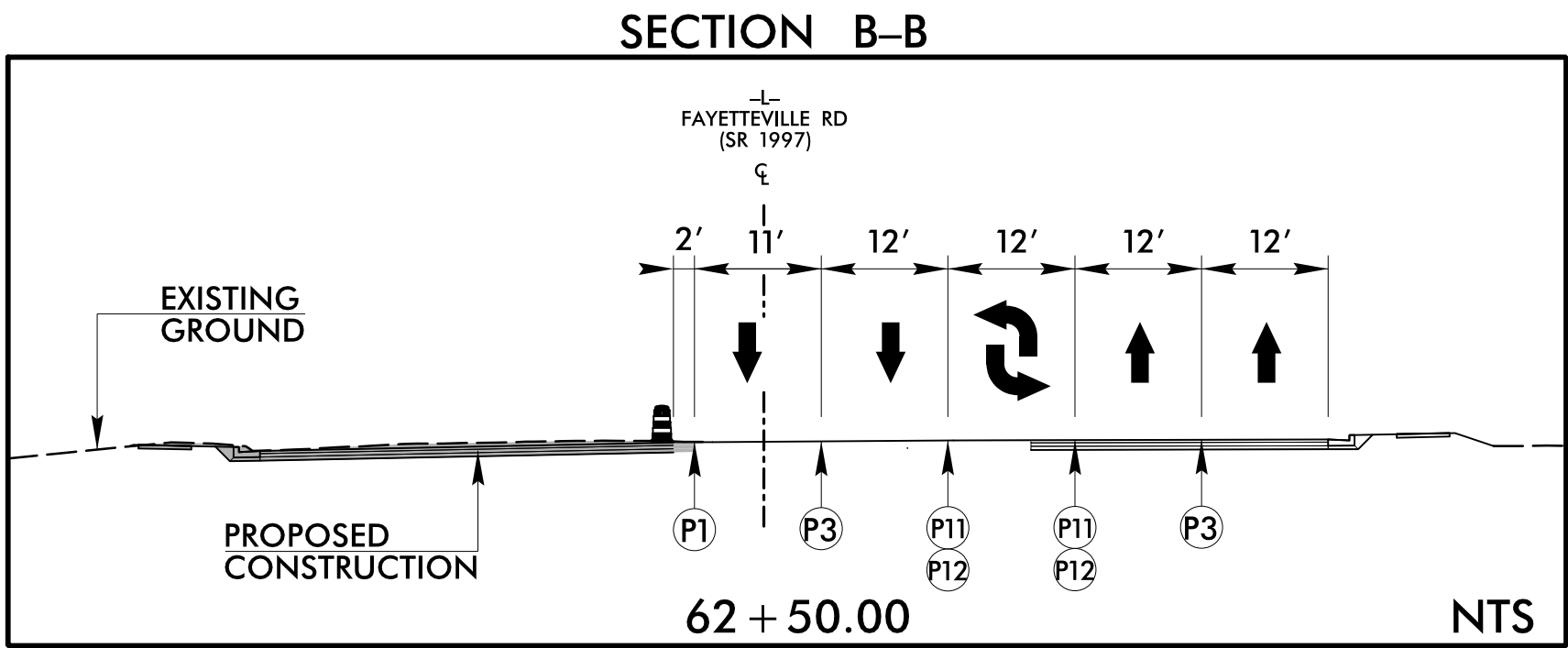
SEAL

Professional Engineer Seal for Weston D. Murphy, State of North Carolina, License No. 049235.

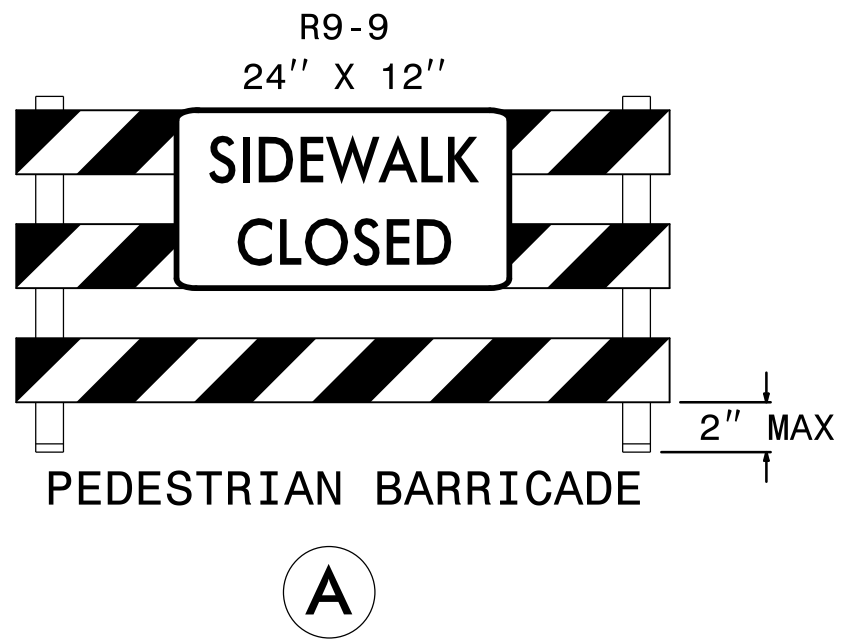
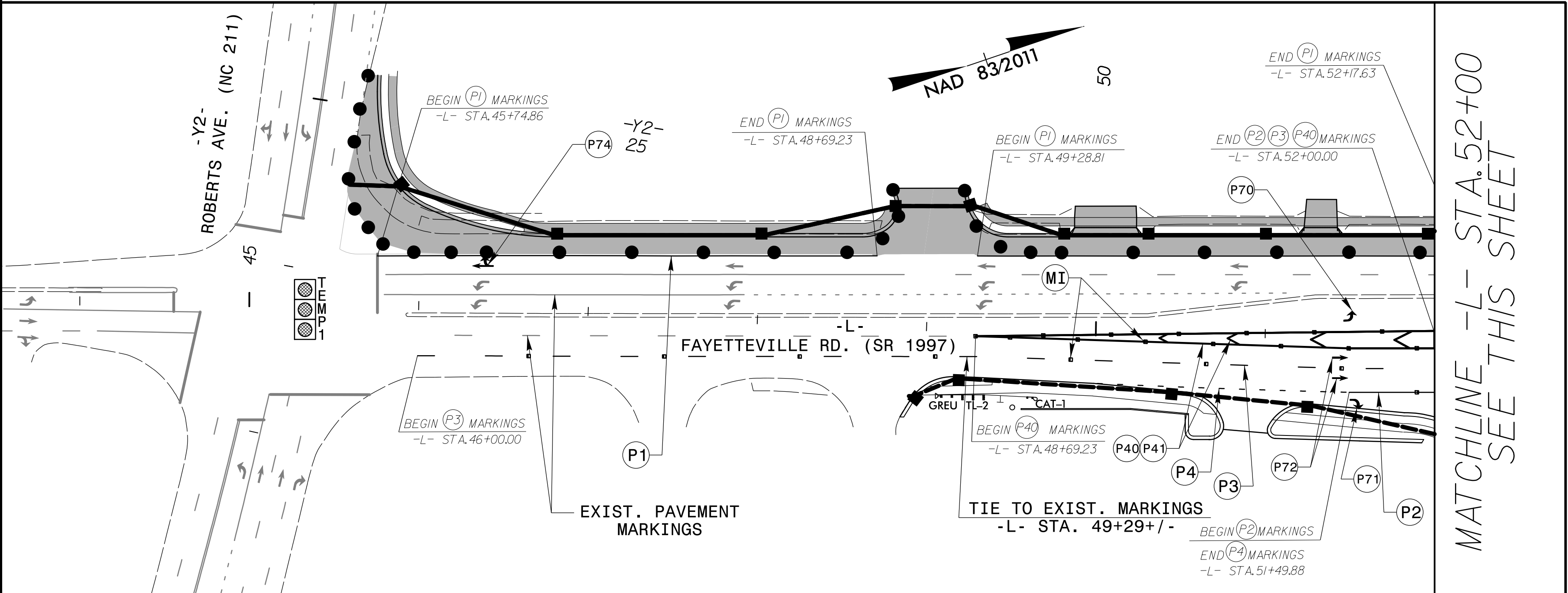
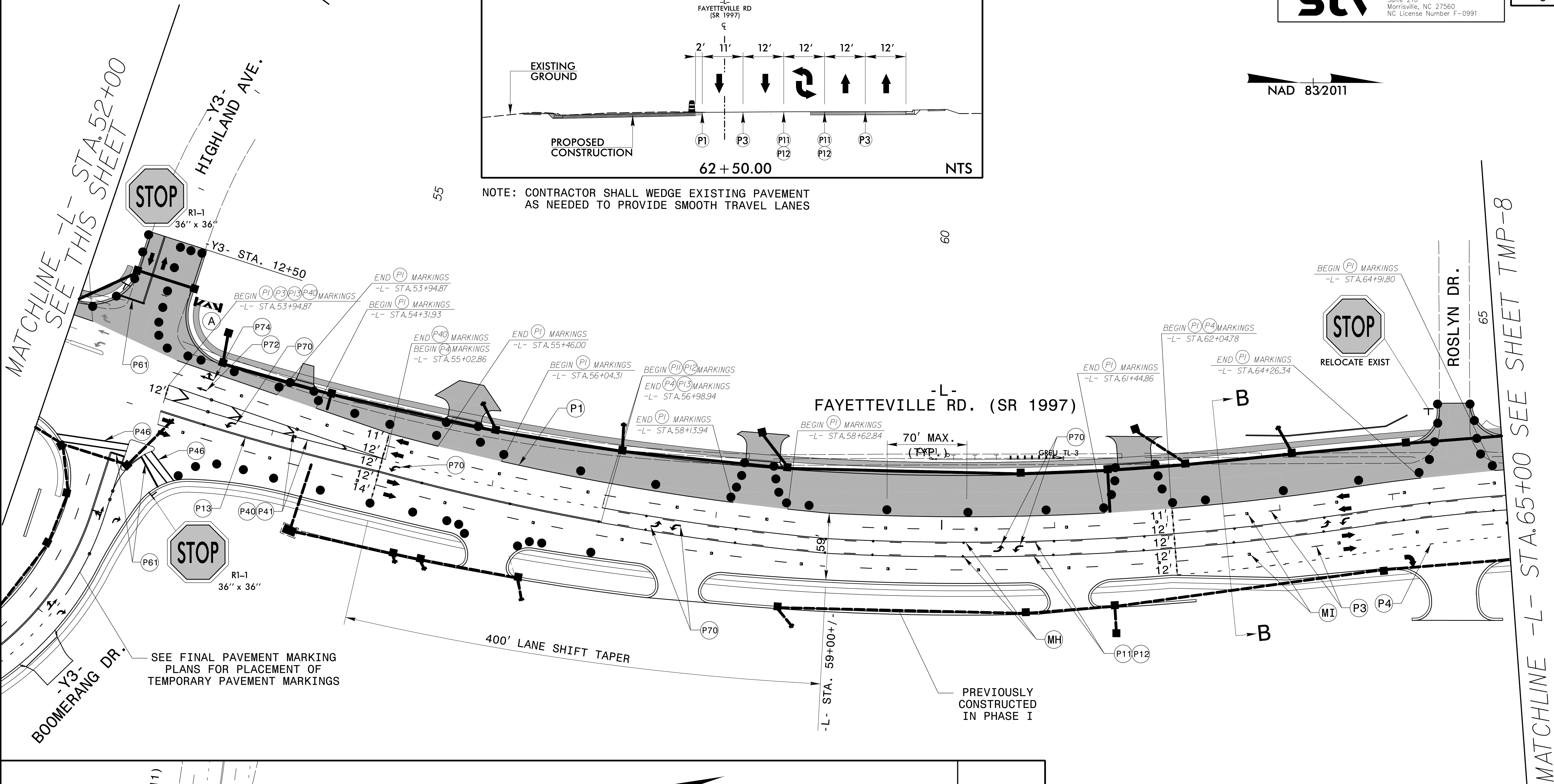


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UNLESS ALL SIGNATURES COMPLETED

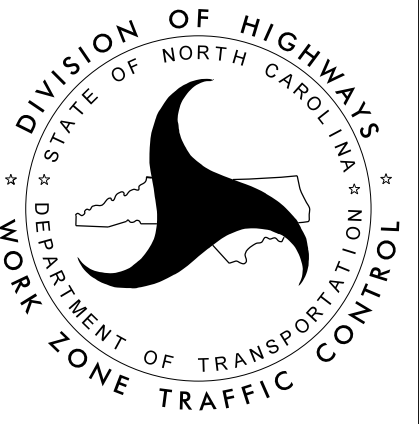
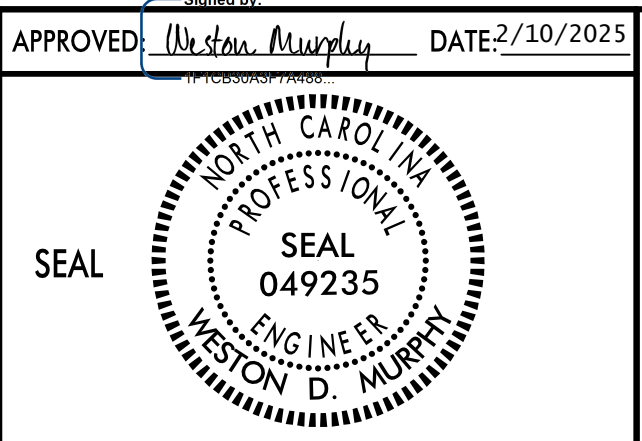
TEMPORARY TRAFFIC
CONTROL PHASE I DETAIL



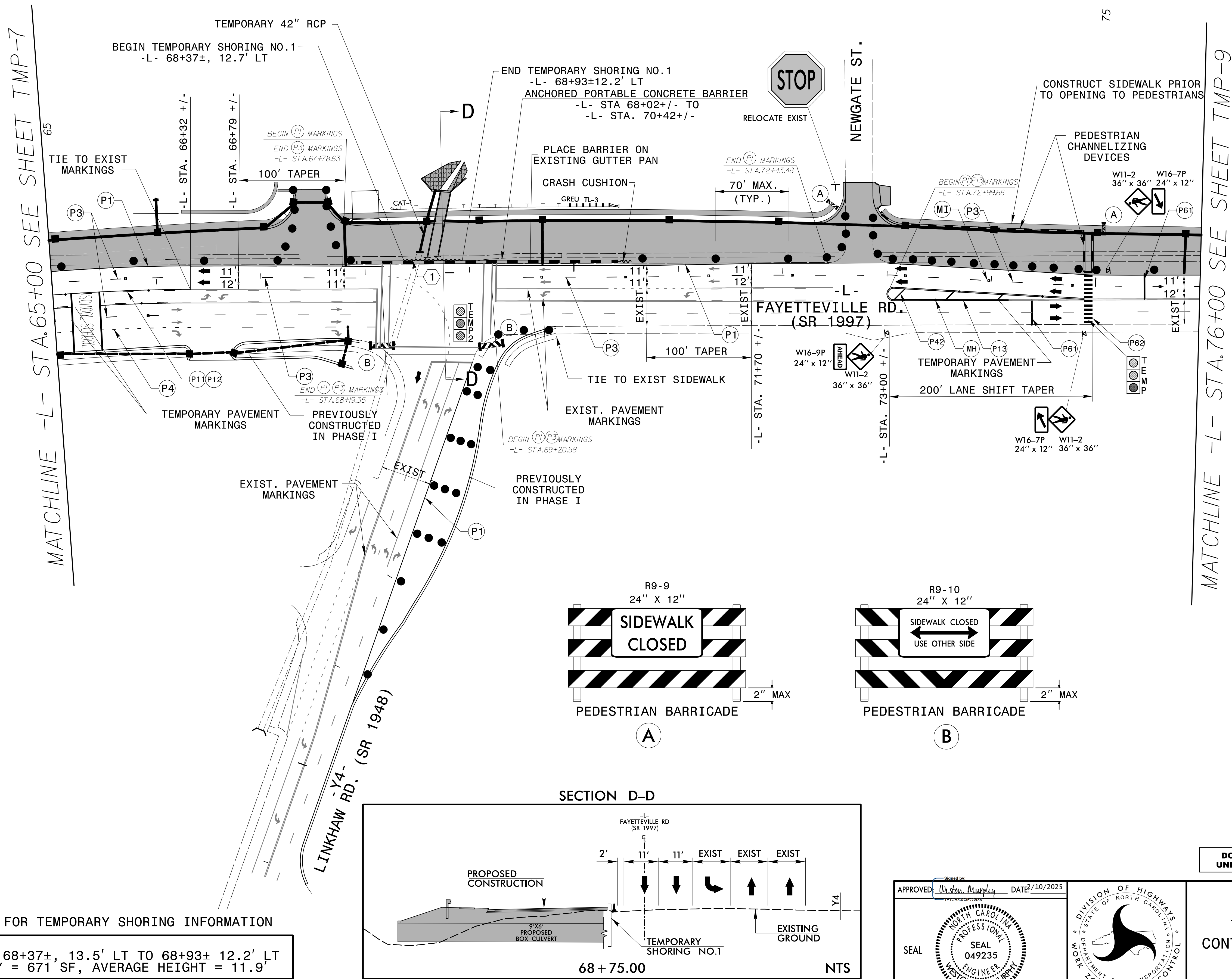
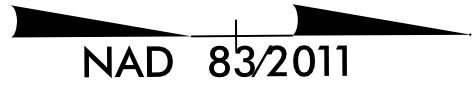
NOTE: CONTRACTOR SHALL WEDGE EXISTING PAVEMENT AS NEEDED TO PROVIDE SMOOTH TRAVEL LANES



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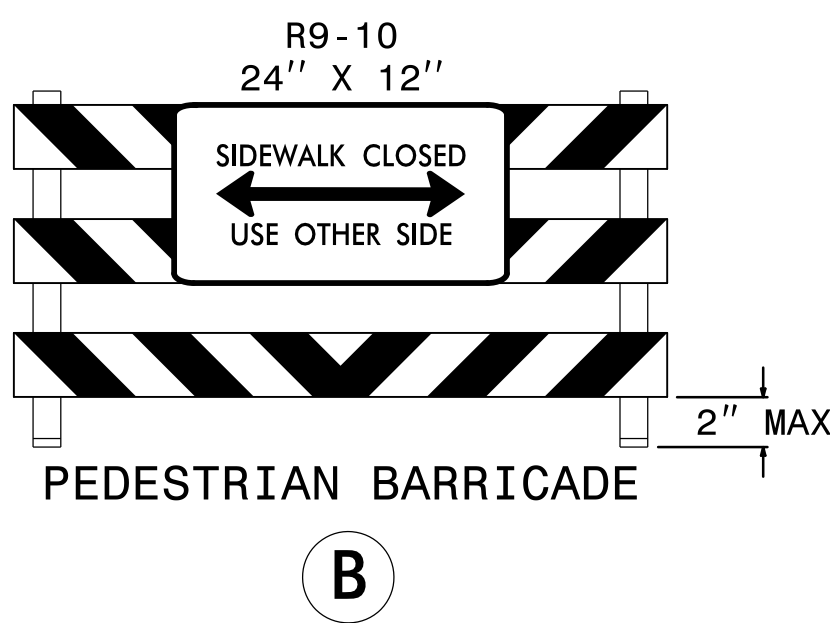
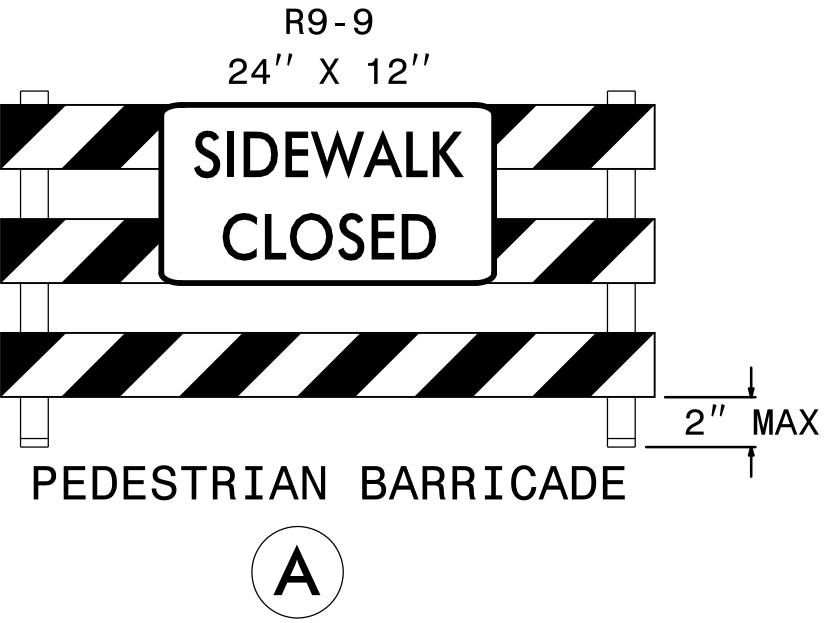
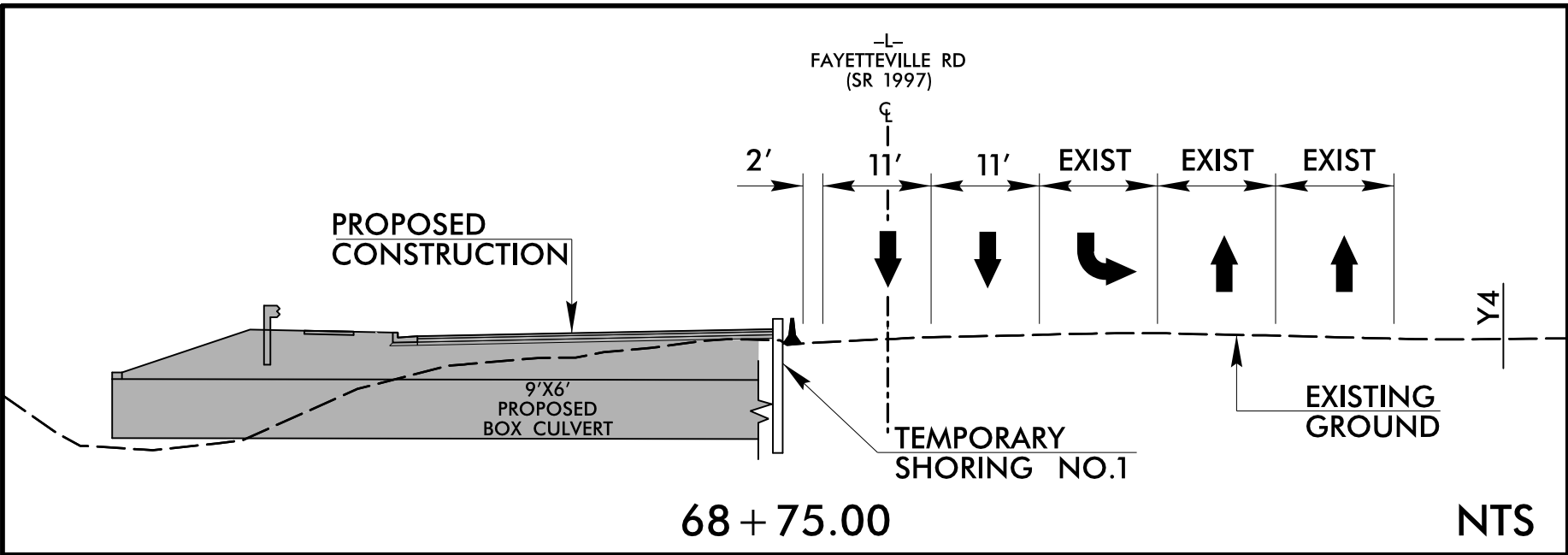
TEMPORARY TRAFFIC
CONTROL PHASE II DETAIL
STEP 3



SEE TMP-1D FOR TEMPORARY SHORING INFORMATION

① -L- STA 68+37±, 13.5' LT TO 68+93± 12.2' LT
QUANTITY = 671 SF, AVERAGE HEIGHT = 11.9'

SECTION D-D

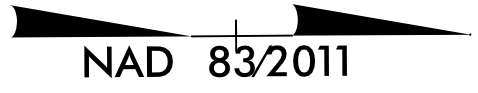


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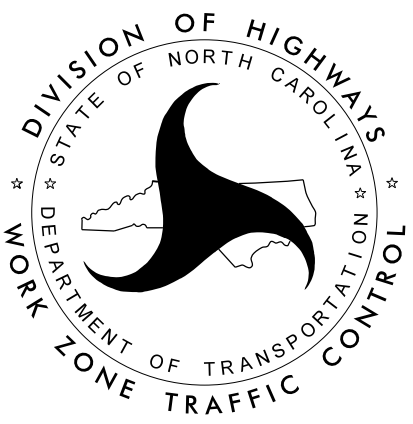
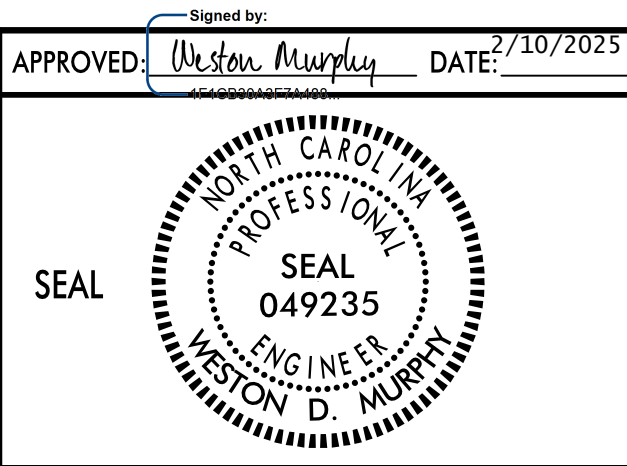
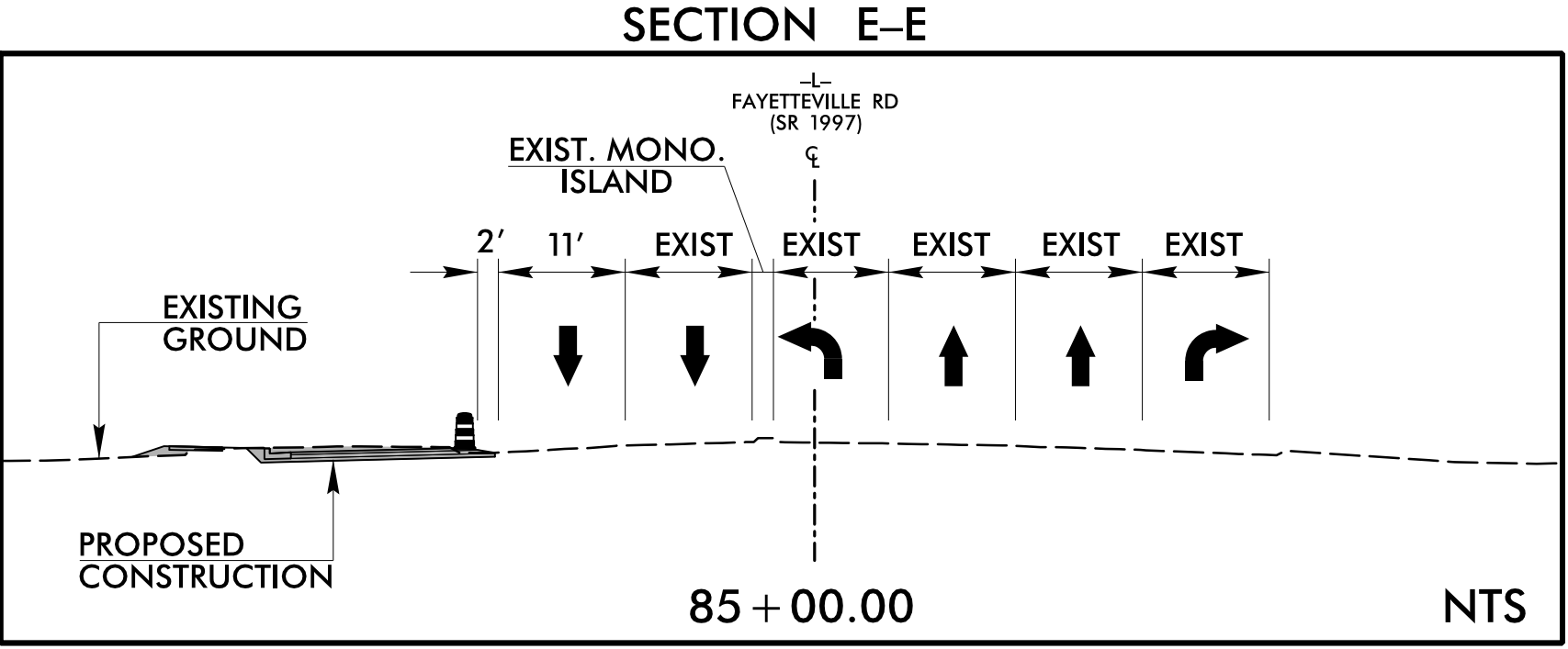
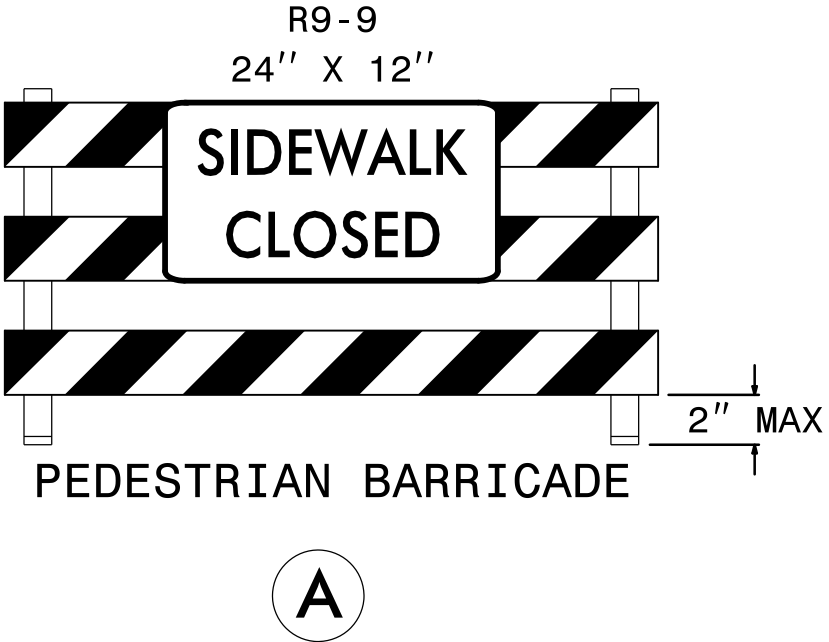
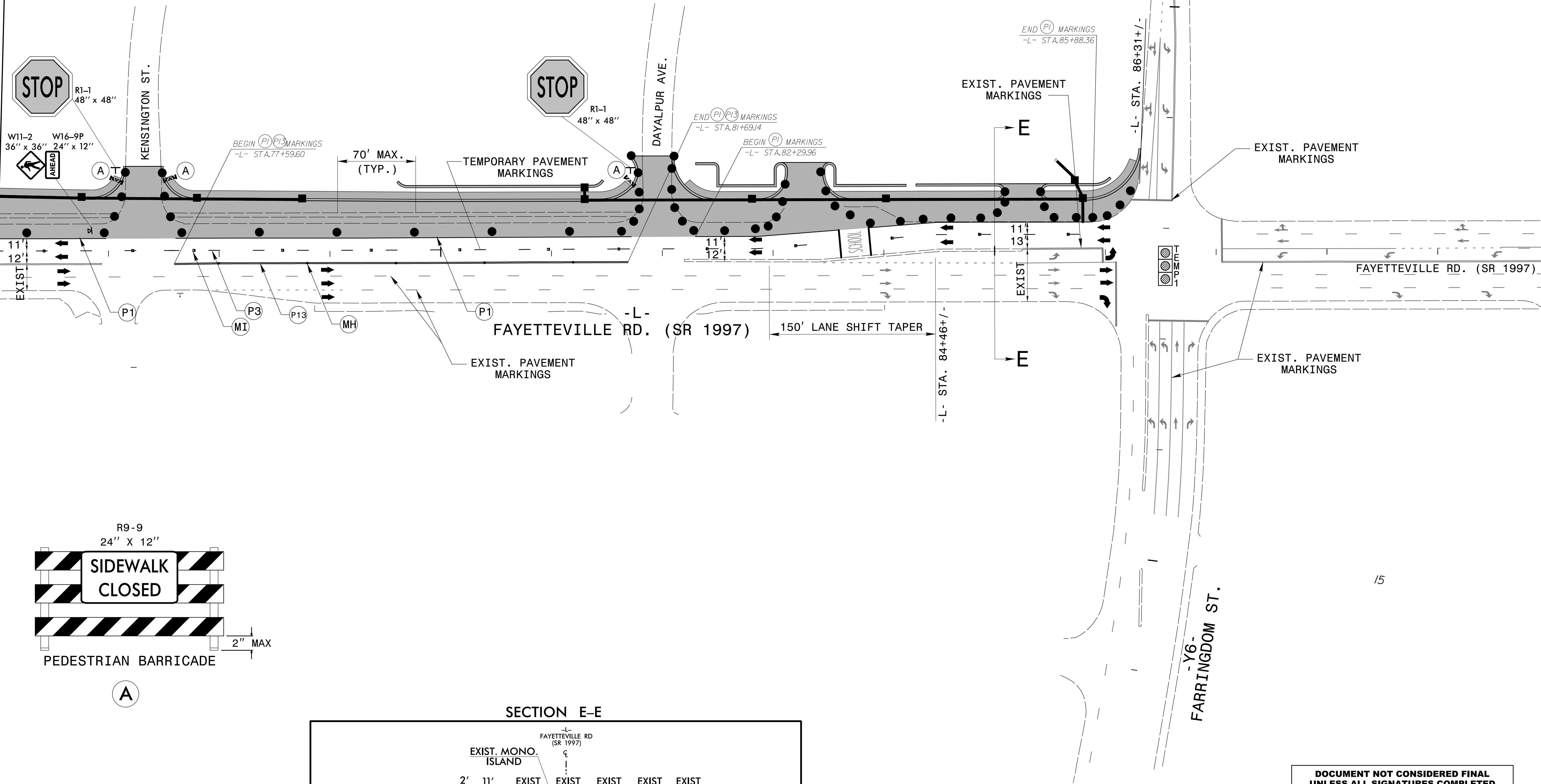
APPROVED: Weston Murphy DATE: 2/10/2025
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NORTH CAROLINA
PROFESSIONAL
ENGINEER
049235
WESTON D. MURPHY



TEMPORARY TRAFFIC
CONTROL PHASE II DETAIL
STEP 3

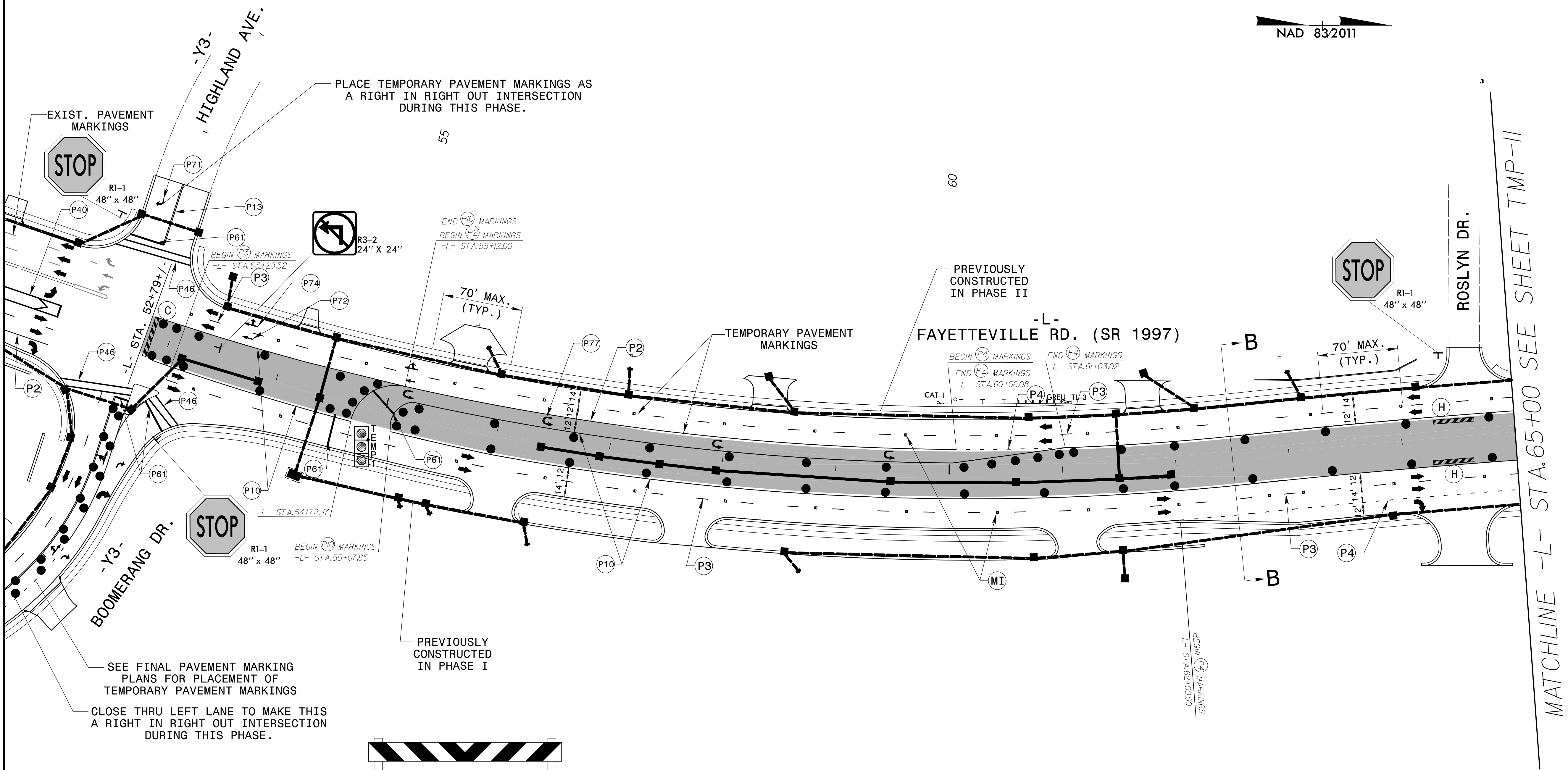
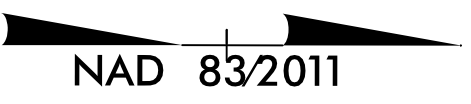


MATCHLINE -L- STA.76+00 SEE SHEET TMP-8

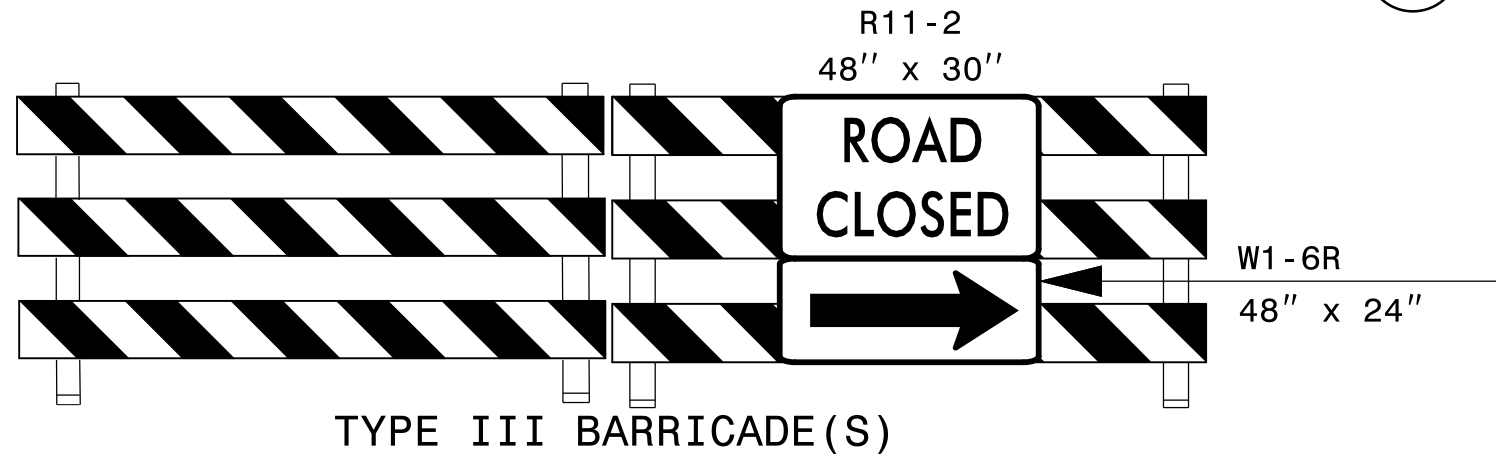


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TEMPORARY TRAFFIC
CONTROL PHASE II DETAIL
STEP 3



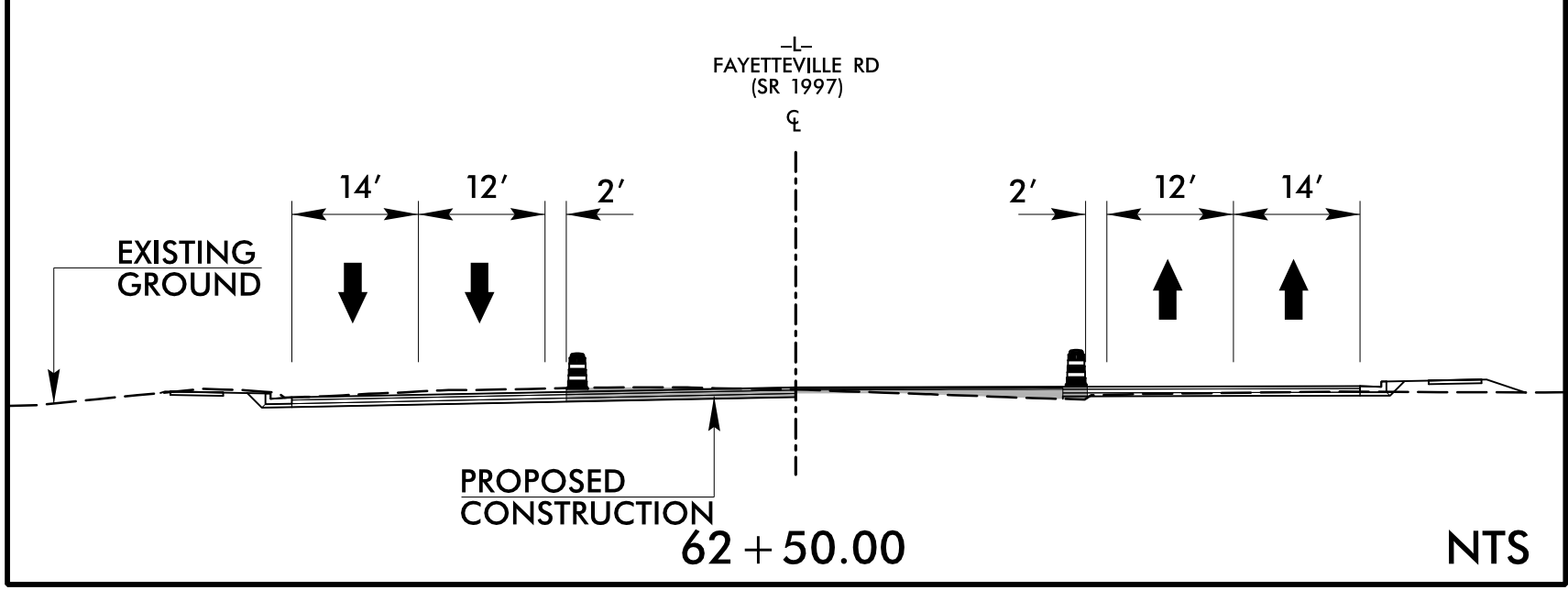
TYPE III BARRICADE



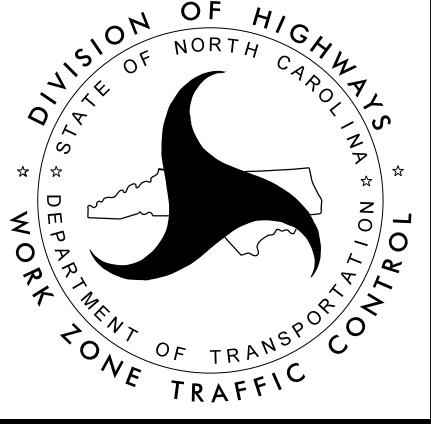
TYPE III BARRICADE(S)

C

SECTION B-B



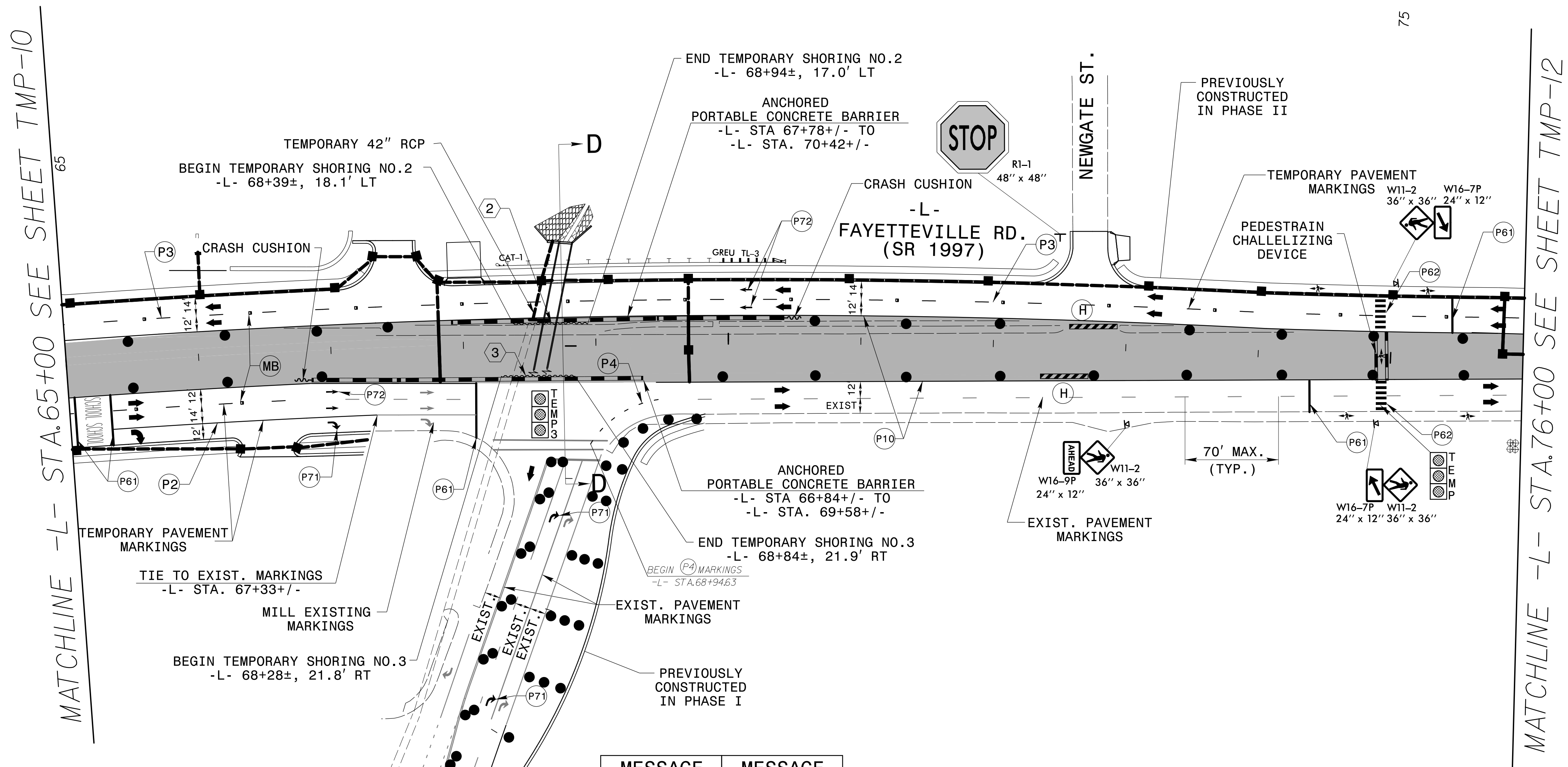
APPROVED: *Weston Murphy* DATE: 2/10/2025
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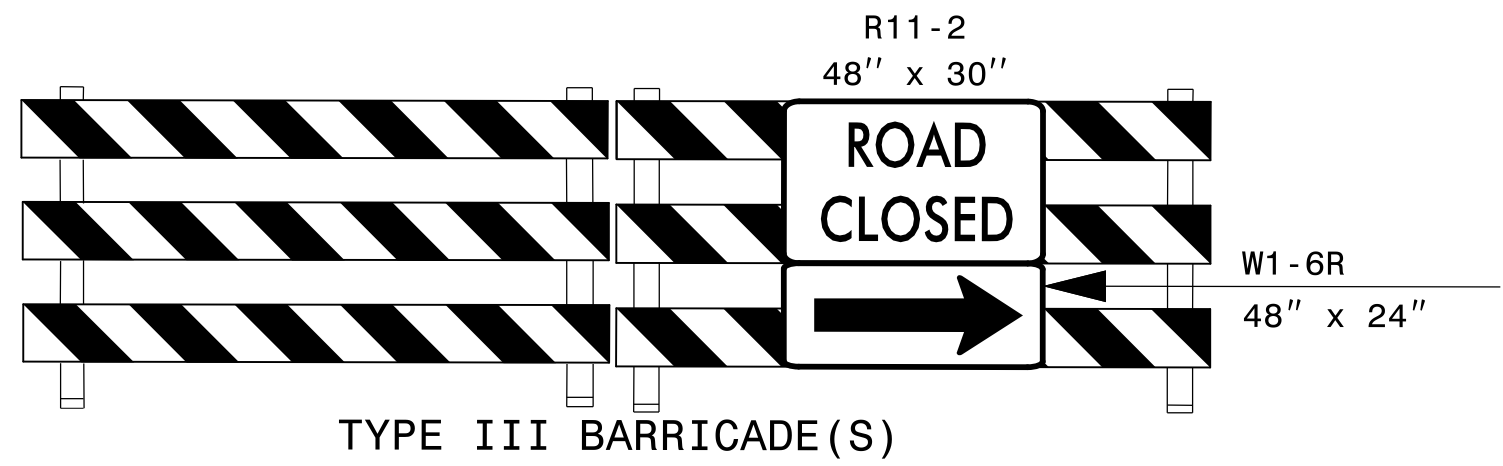
TEMPORARY TRAFFIC
CONTROL PHASE III DETAIL
STEP 1

NAD 83/2011



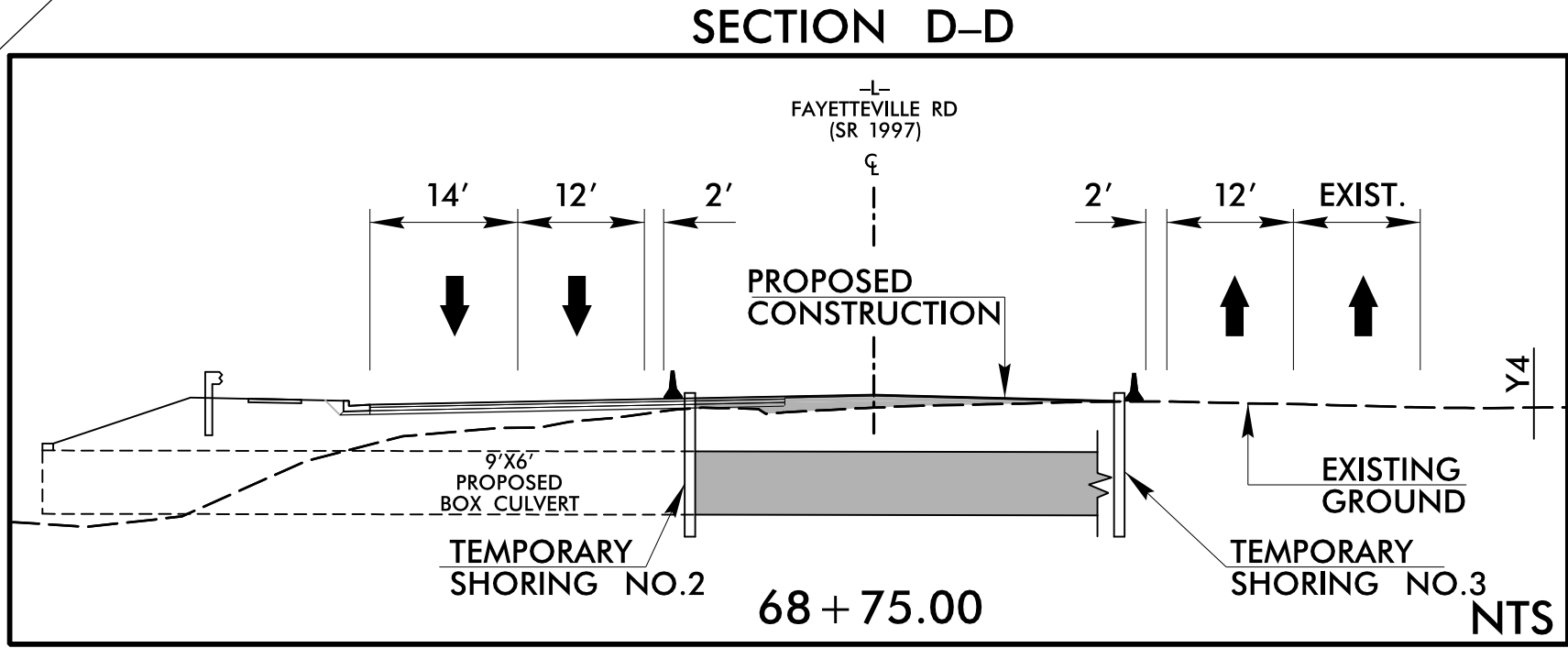
MESSAGE NO. 1	MESSAGE NO. 2
LEFT TURN	USE
CLOSED	FARINGDM
AHEAD	U-TURN

CHANGEABLE MESSAGE SIGN



SEE TMP-1D FOR TEMPORARY SHORING INFORMATION

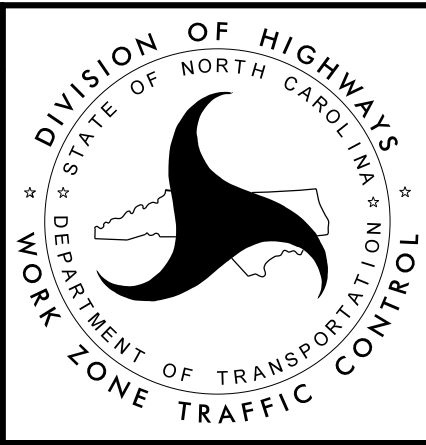
- ② -L- STA 68+39±, 18.1' LT TO 68+94± 17.0' LT
QUANTITY = 653 SF, AVERAGE HEIGHT = 11.7'
- ③ -L- STA 68+28±, 21.8' RT TO 68+84± 21.9' RT
QUANTITY = 697 SF, AVERAGE HEIGHT = 12.5'



APPROVED: Weston Murphy DATE: 2/10/2025

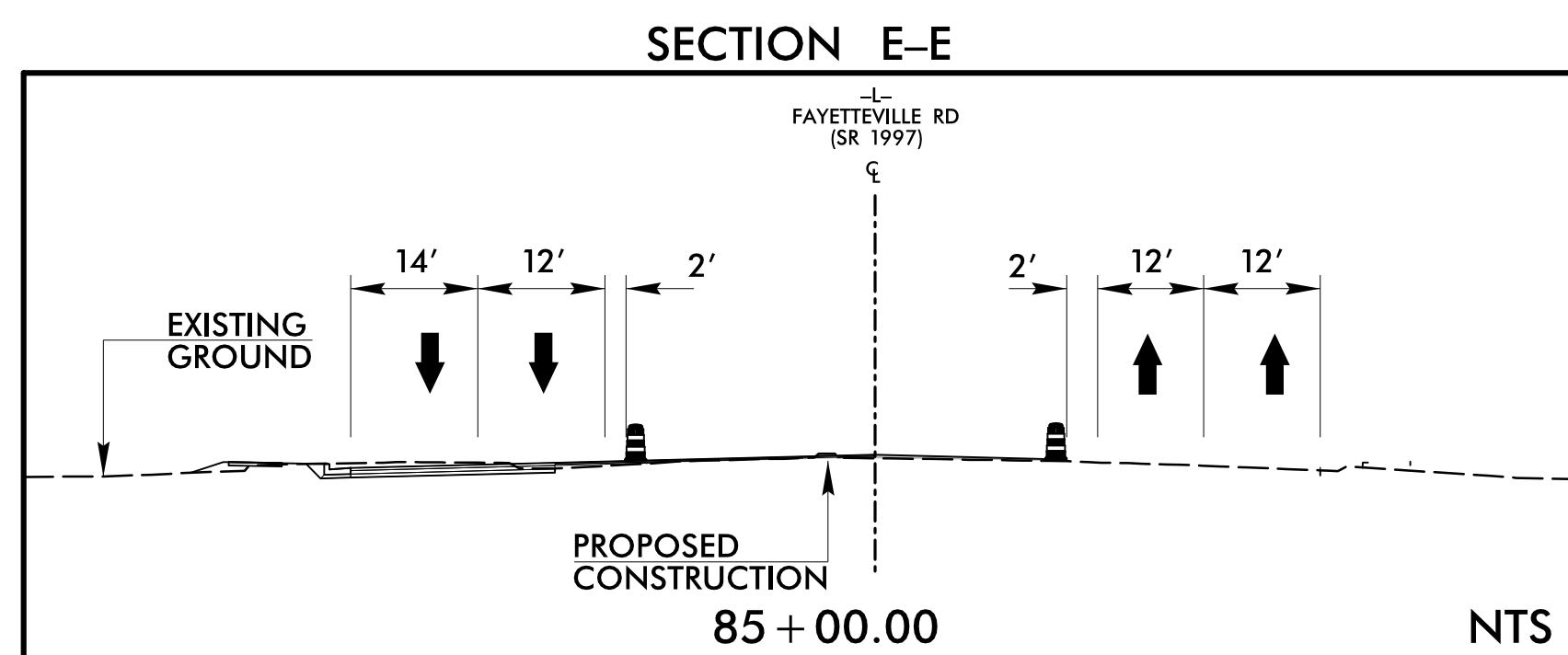
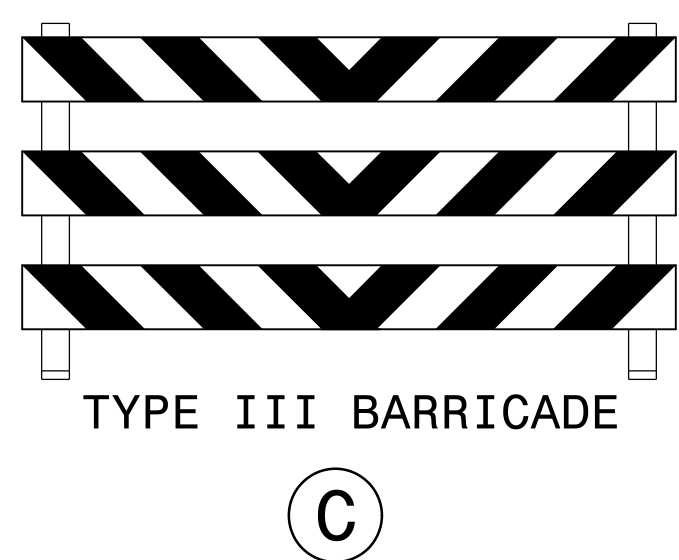
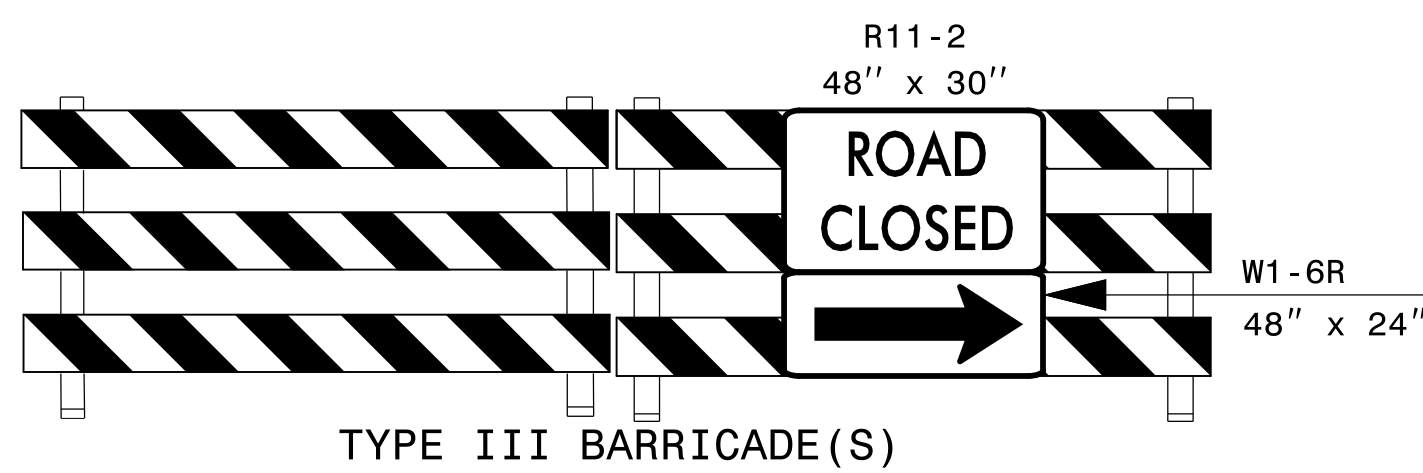
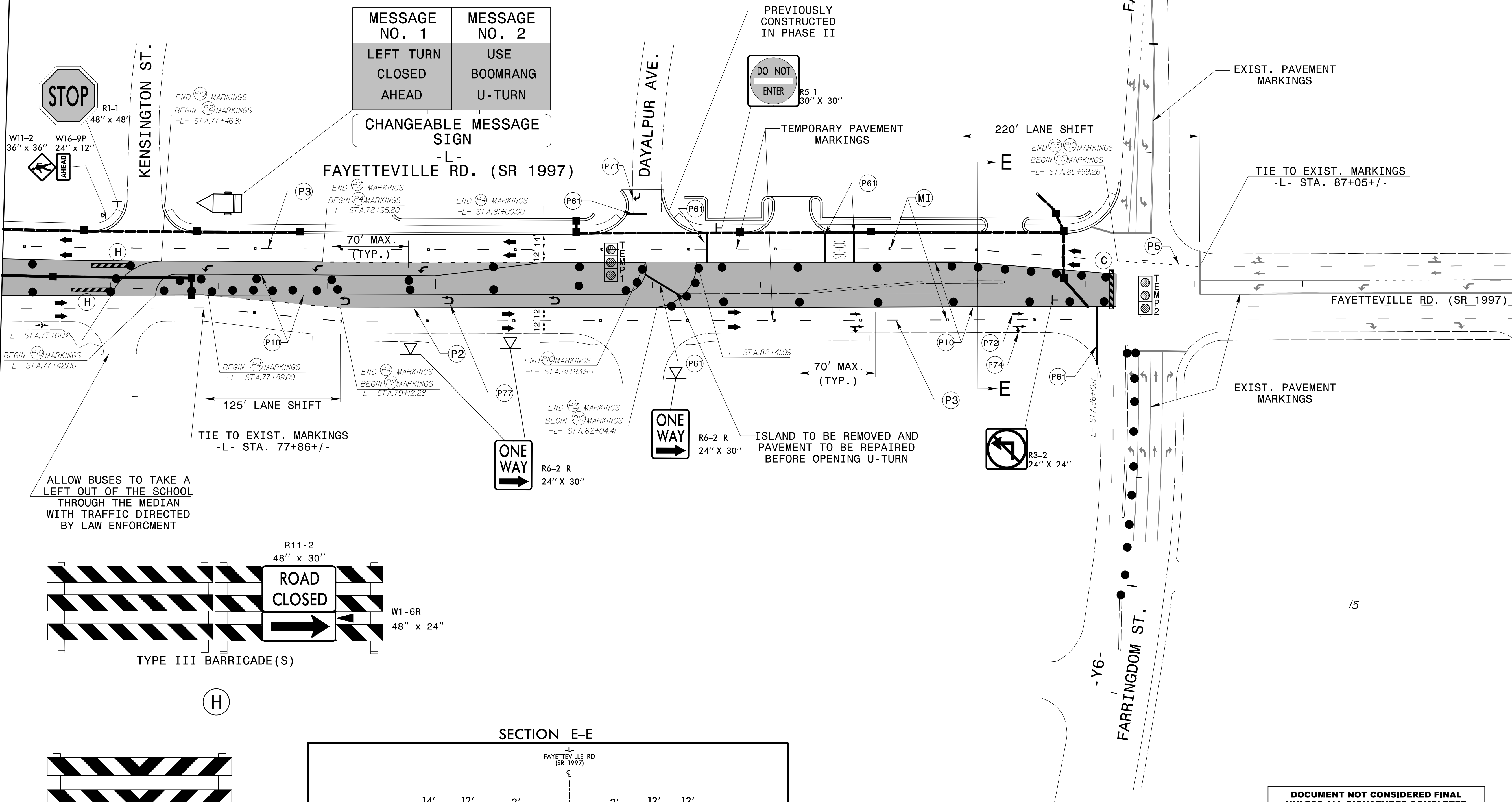
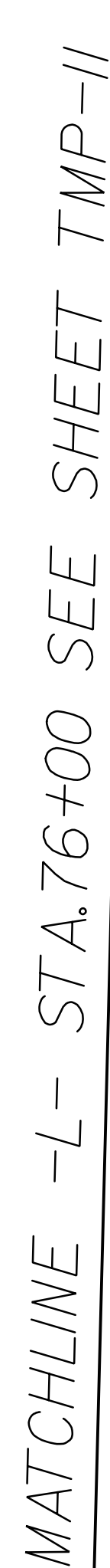
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SEAL
049235
ENGINEER
WESTON D. MURPHY



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TEMPORARY TRAFFIC
CONTROL PHASE III DETAIL
STEP 1



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

TEMPORARY TRAFFIC CONTROL PHASE III DETAIL STEP 1

2/10/2025
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MurphyWD

2/10/2025
K:\Traffic\TrafficControl\TCP\Sheets\U-5797_TCP_TMP-13_Phase 3-3.dgn
MurphyWD

MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	NO LEFT TURN

CHANGEABLE MESSAGE SIGN

ICT:
EXISTING MONOLITHIC ISLAND REMOVED IN PHASE III STEP 2

END P3 MARKINGS
-L- STA. 44+60.87

TIE TO EXIST. MARKINGS
-L- STA. 41+69+/-

FAYETTEVILLE RD. (SR 1997)

N. ROBERTSON AVE.

N. ROBERTSON AVE.

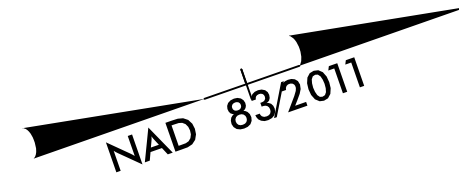
stv

STV Engineers, Inc.
2121 RDU Center Dr.
Suite 210
Morrisville, NC 27560
NC License Number F-0991

PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-13

MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	NO LEFT TURN

CHANGEABLE MESSAGE SIGN



TO 211 NORTH
SECOND RIGHT

SOUTH 211

TO 95 NORTH

TO 95 SOUTH

TO 95 NORTH

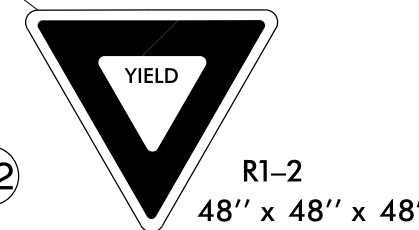
TO 95 SOUTH

TO 95 NORTH

TO 211 NORTH

SOUTH 211

55



TO 211 NORTH

SEE FINAL PAVEMENT MARKING PLANS FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS

-Y3-
BOOMERANG DR.

SEE FINAL PAVEMENT MARKING PLANS FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS

PREVIOUSLY CONSTRUCTED IN PHASE I

PREVIOUSLY CONSTRUCTED IN PHASE II

PREVIOUSLY CONSTRUCTED IN PHASE II

ICT:
PREVIOUSLY CONSTRUCTED IN PHASE III STEP 2

TEMPORARY PAVEMENT MARKINGS

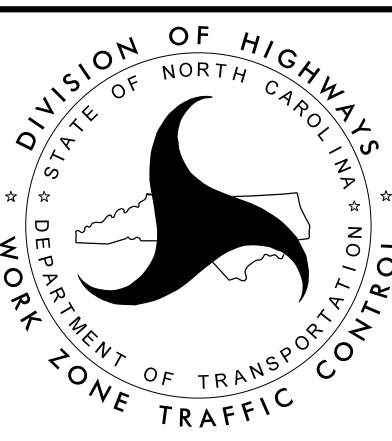
30

MATCHLINE -L- STA. 55+00 SEE SHEET TMP-14

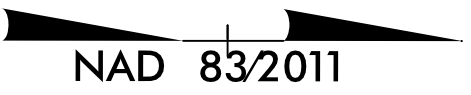
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

APPROVED: *Weston Murphy* DATE: 2/10/2025

SEAL
NORTH CAROLINA
PROFESSIONAL ENGINEER
SEAL 049235
WESTON D. MURPHY

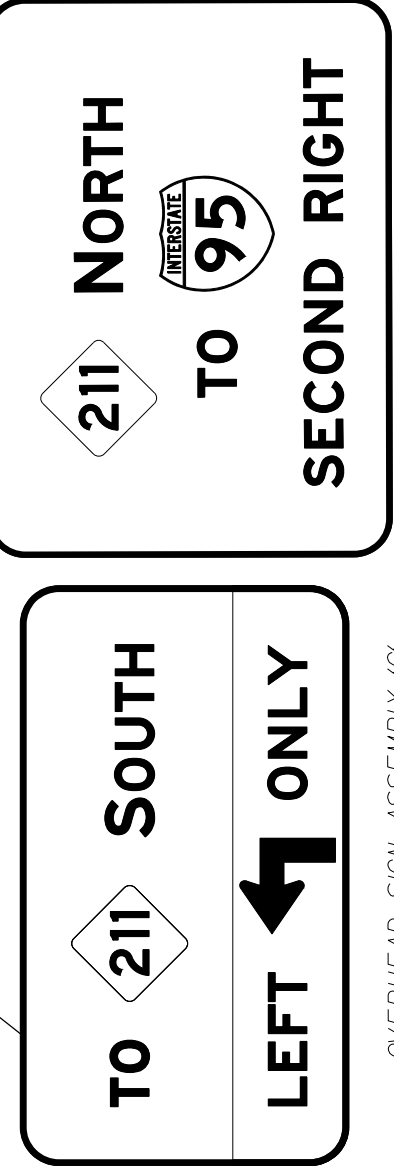


TEMPORARY TRAFFIC CONTROL PHASE III DETAIL STEP 3

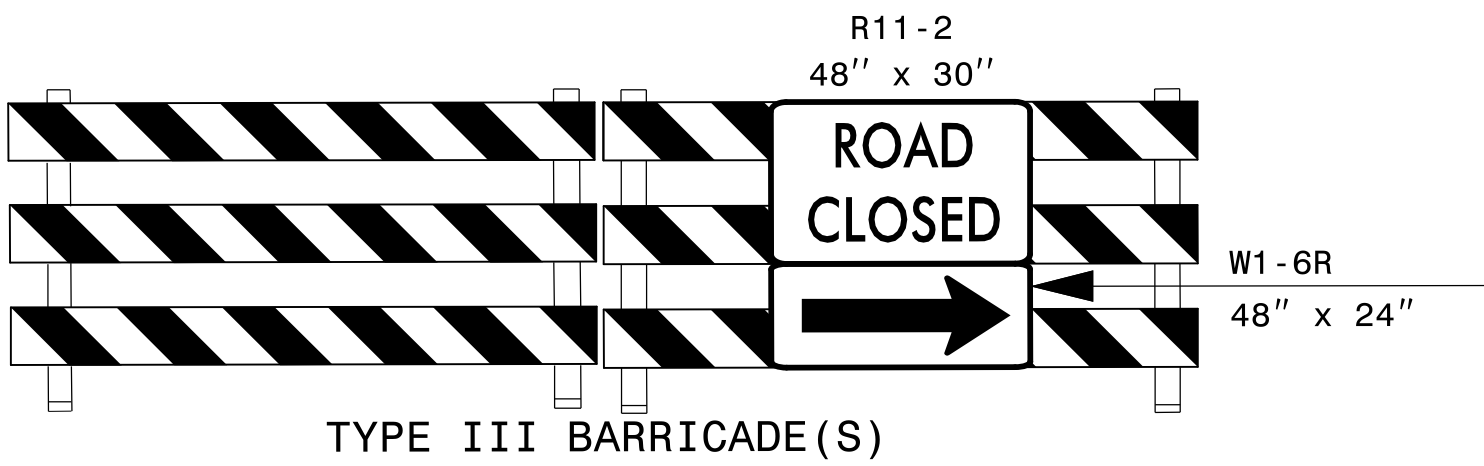
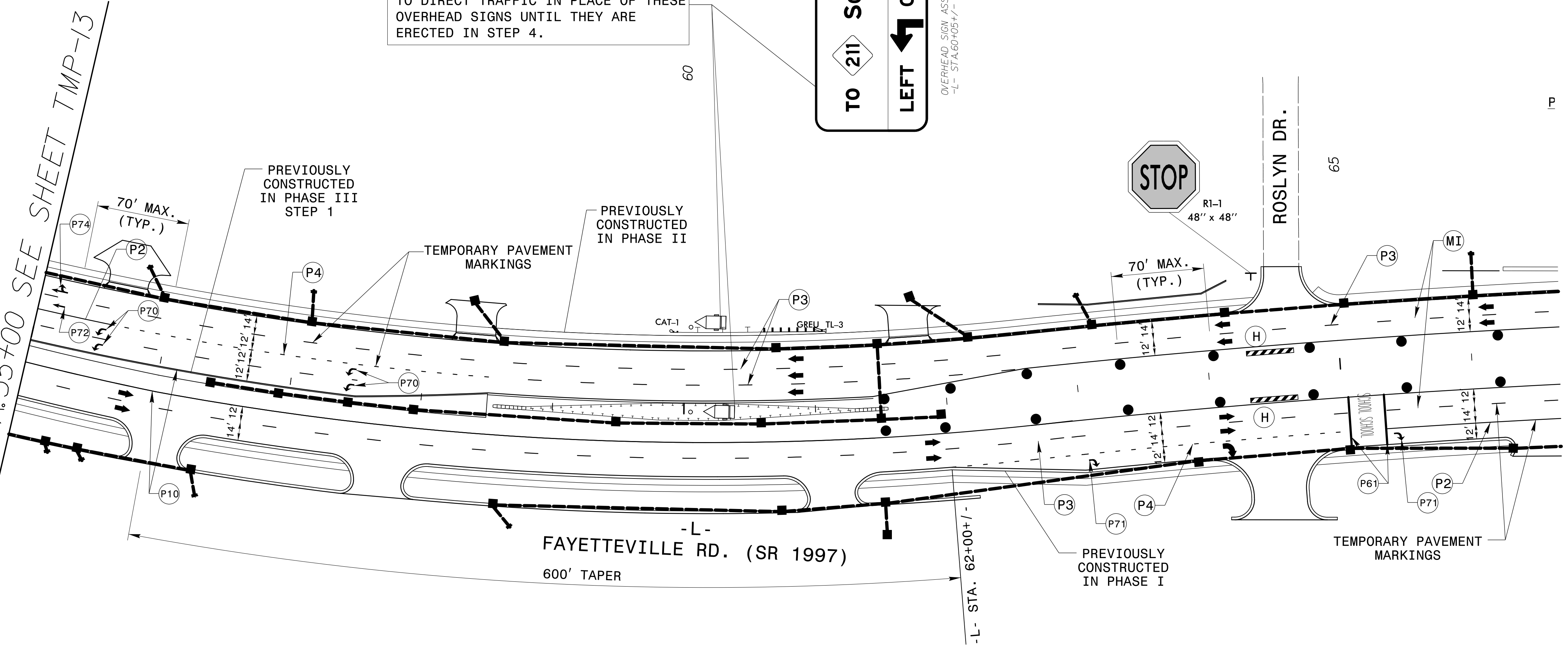


MESSAGE NO. 1	MESSAGE NO. 2	MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	N. 211 SECOND RIGHT	NEW TRAFFIC PATTERN	S. 211 TURN LEFT
CHANGEABLE MESSAGE SIGN		CHANGEABLE MESSAGE SIGN	

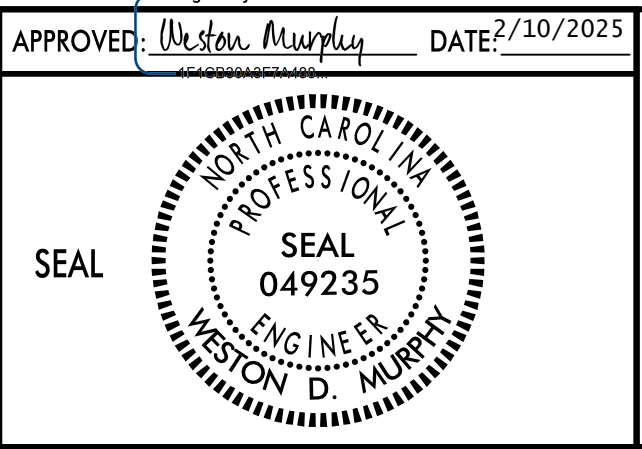
UTILIZE CHANGEABLE MESSAGE BOARDS TO DIRECT TRAFFIC IN PLACE OF THESE OVERHEAD SIGNS UNTIL THEY ARE ERECTED IN STEP 4.



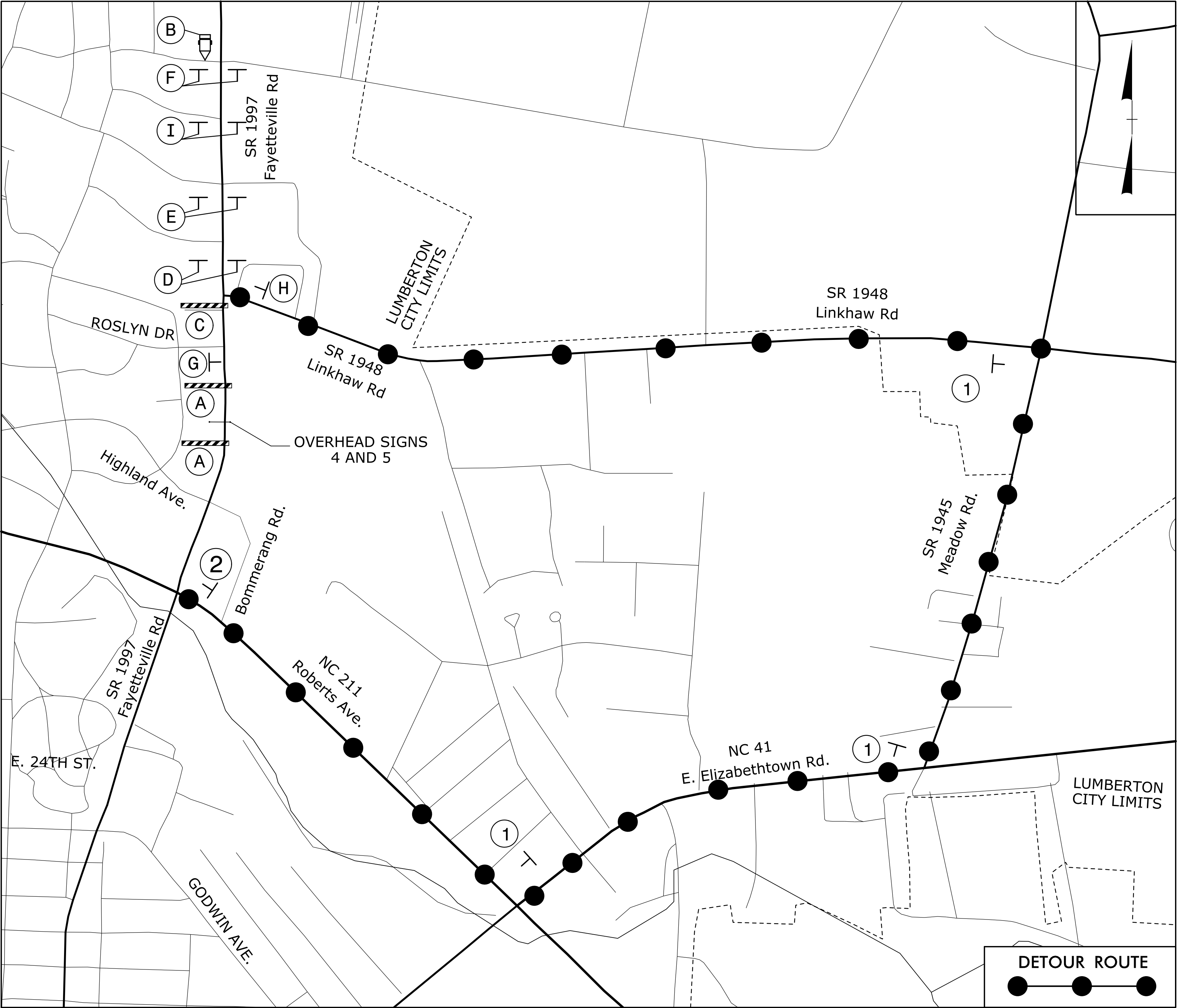
MATCHLINE -L- STA. 55+00 SEE SHEET TMP-13



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

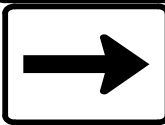


TEMPORARY TRAFFIC
CONTROL PHASE III DETAIL
STEP 3



FAYETTEVILLE
RD

DETOUR



1

M4-8
24" X 12"

M6-1 R
21" X 15"

FAYETTEVILLE
RD

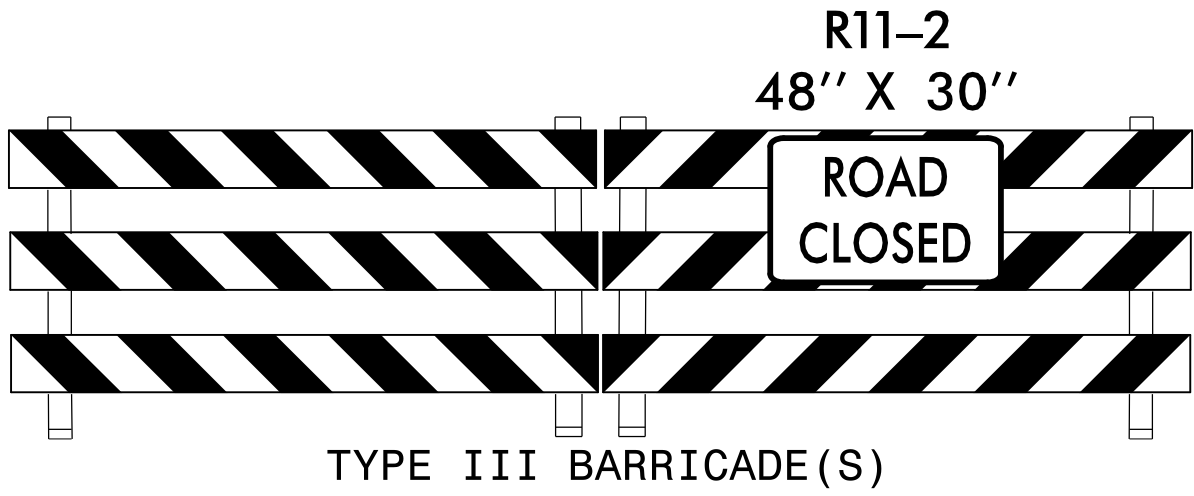
END
DETOUR

2

M4-8 A
24" X 18"

SEE SHEET TMP-30 FOR SPECIAL SIGN DESIGN

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



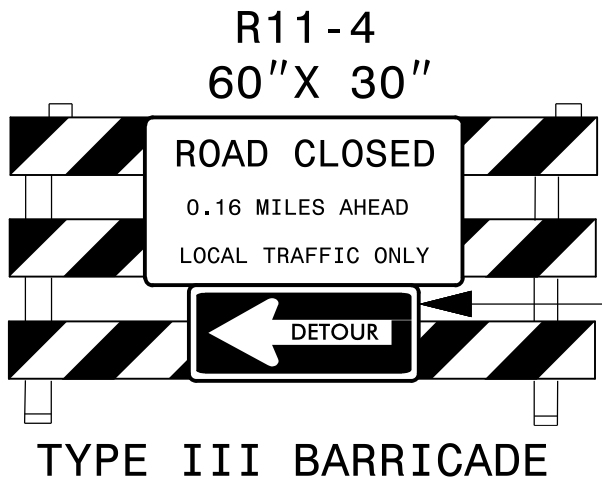
TYPE III BARRICADE (S)

A

MESSAGE NO. 1	MESSAGE NO. 2
ROAD CLOSED	FOLLOW POSTED
1 MILE	DETOUR

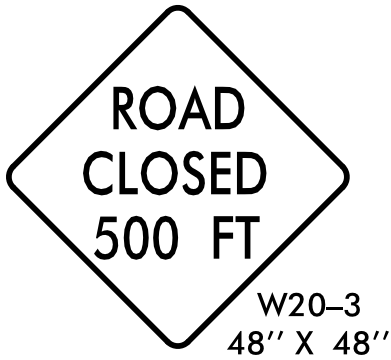
CHANGEABLE MESSAGE SIGN

B

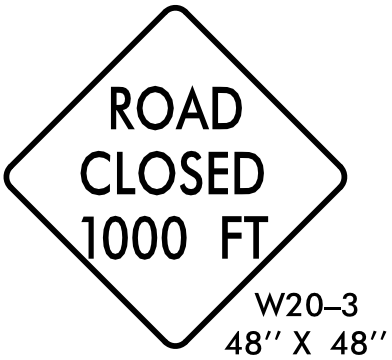


TYPE III BARRICADE

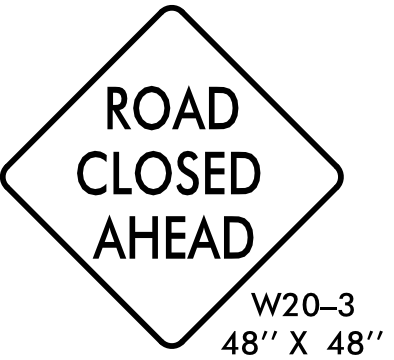
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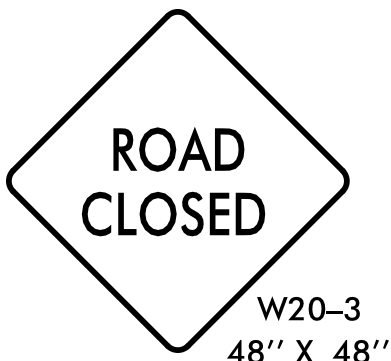
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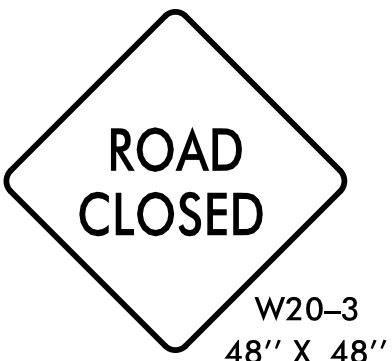
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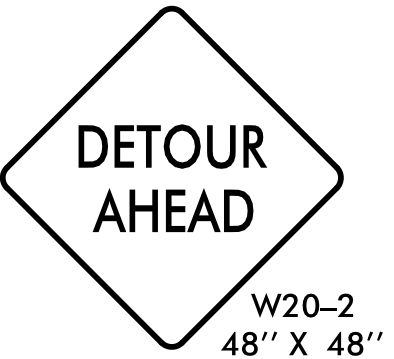
F



G



H

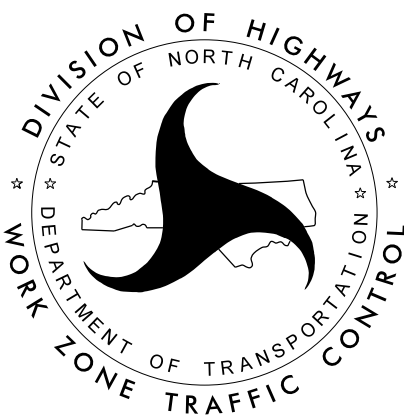
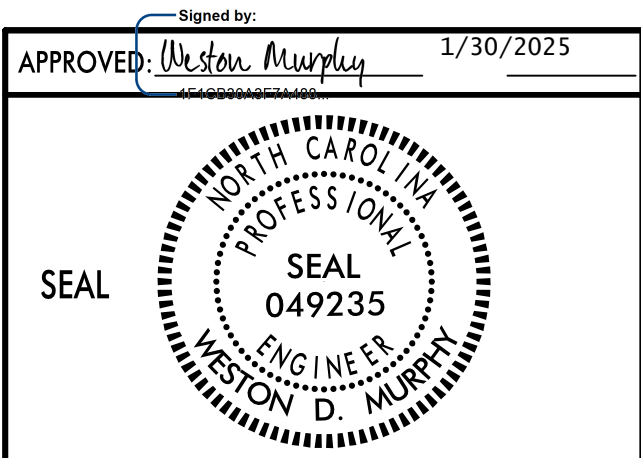


I

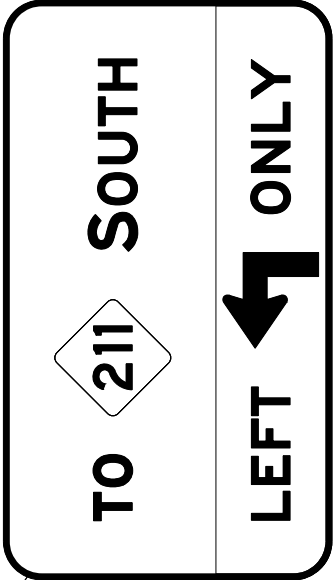
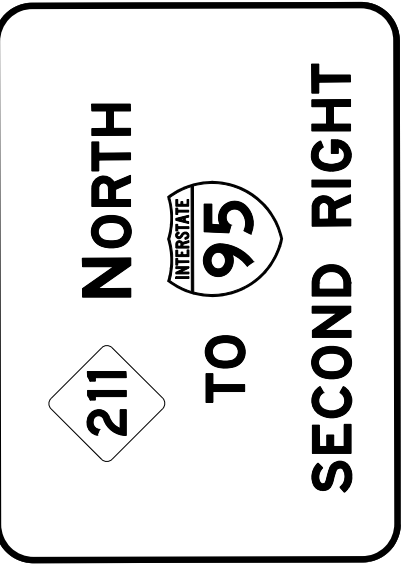
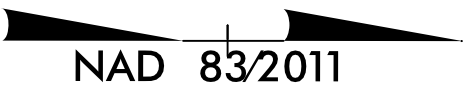
NEXT RIGHT

NEXT LEFT

NOTE:
REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEETS 1 AND 2 OF 9 FOR
GENERAL NOTES, AND SIGN DISTANCES.

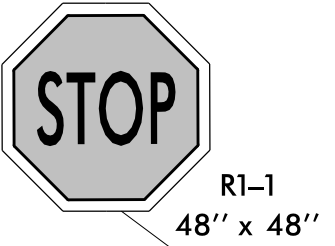


PHASE III
STEP 4 DETOUR
(FAYETTEVILLE RD.
SOUTHBOUND.)



OVERHEAD SIGN ASSEMBLY 'C'
-L- STA.60+05.17

FLAGGER OPERATION TO MAINTAIN ACCESS FROM THE HIGHLAND TOWNES TOWN HOMES DURING OVER HEAD SIGN INSTALLATION. MAY UTILIZE LAW ENFORCEMENT.



ROSLYN DR.

MATCHLINE -L- STA.65+00 SEE SHEET TMP-14C

ICT #2
AWAY FROM TRAFFIC, CONSTRUCT PROPOSED OVERHEAD SIGNS BETWEEN 10:00 PM AND 6:00AM. REFER TO SHEET TMP-14A FOR DETOUR ROUTE.

FLAGGER OPERATION TO MAINTAIN ACCESS FROM THE HIGHLAND TOWNES TOWN HOMES DURING OVER HEAD SIGN INSTALLATION. MAY UTILIZE LAW ENFORCEMENT.

PREVIOUSLY CONSTRUCTED IN PHASE III STEP 1

TEMPORARY PAVEMENT MARKINGS

PREVIOUSLY CONSTRUCTED IN PHASE II

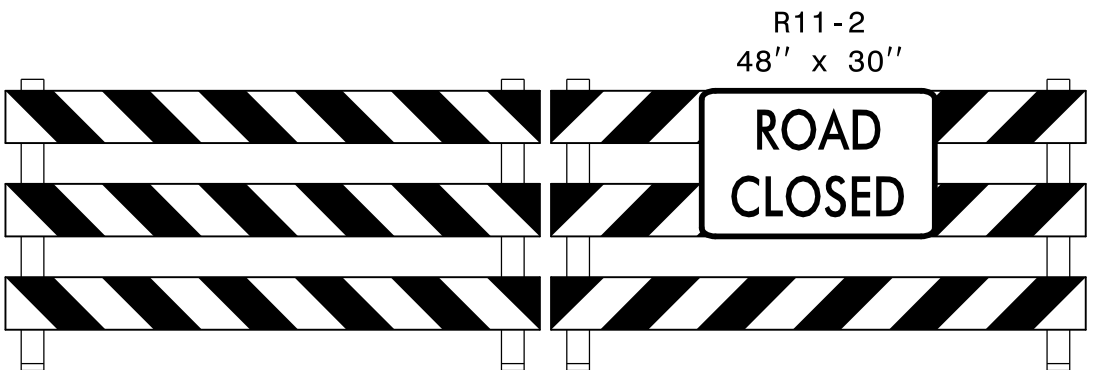
70' MAX. (TYP.)

PREVIOUSLY CONSTRUCTED IN PHASE I

460' LANE SHIFT TAPER

-L- STA. 60+60+/-

-L- FAYETTEVILLE RD. (SR 1997)

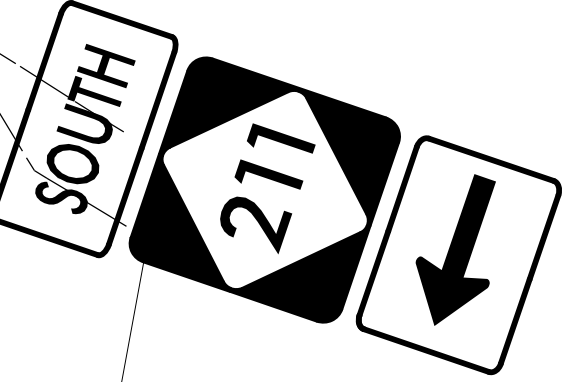


TYPE III BARRICADE(S)

F

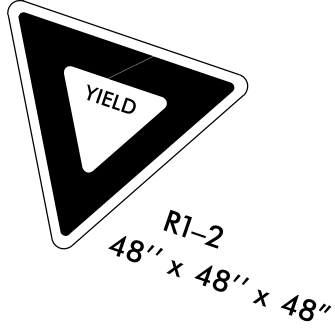
PREVIOUSLY CONSTRUCTED IN PHASE II

-Y3- HIGHLAND AVE.



55

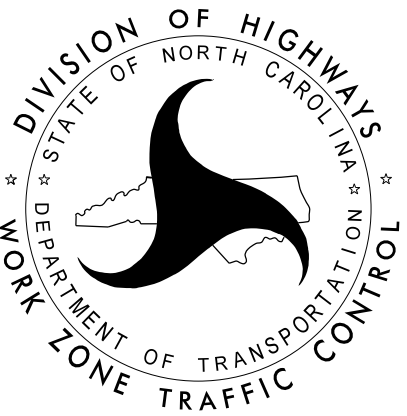
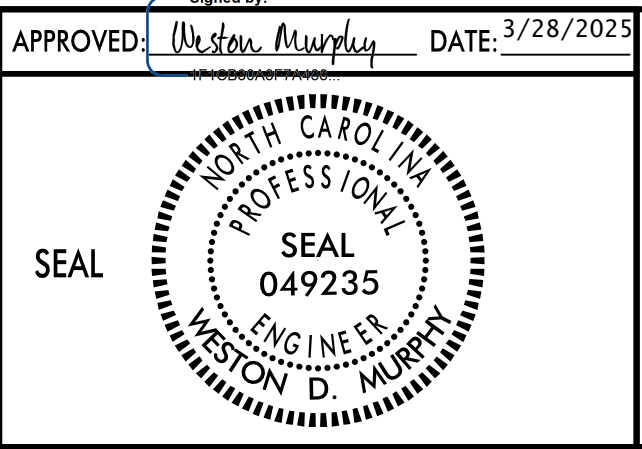
70' MAX. (TYP.)



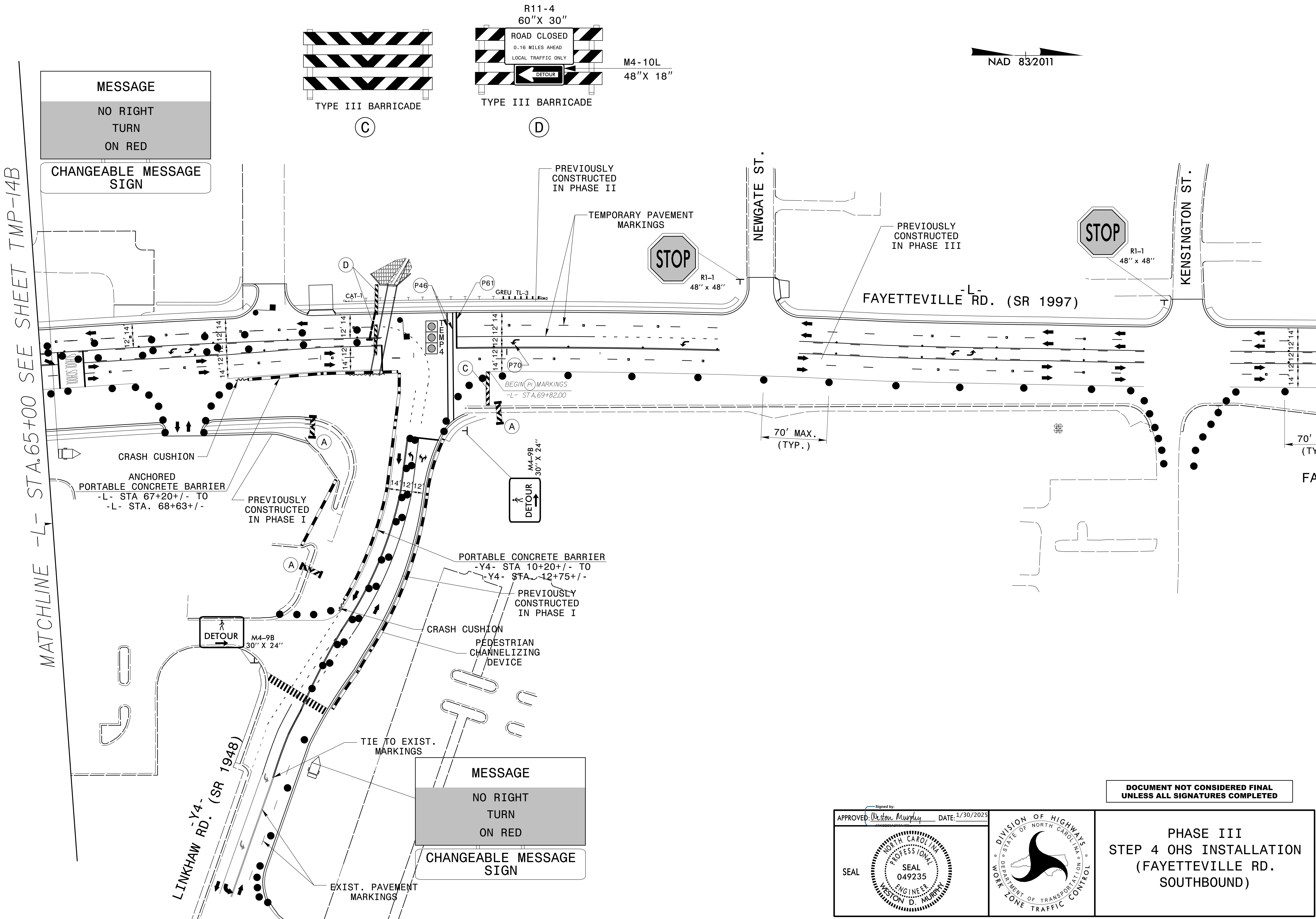
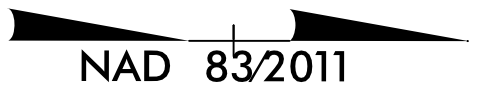
-Y3- BOOMERANG DR.

PREVIOUSLY CONSTRUCTED IN PHASE I

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PHASE III
STEP 4 OHS INSTALLATION
(FAYETTEVILLE RD.
SOUTHBOUND)

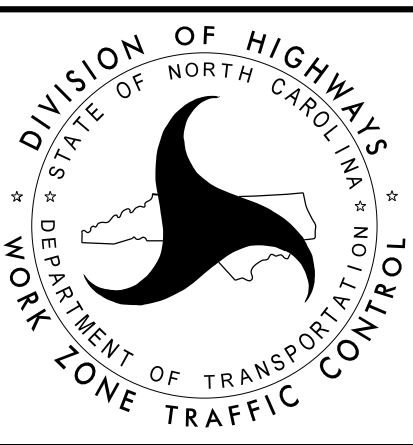


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

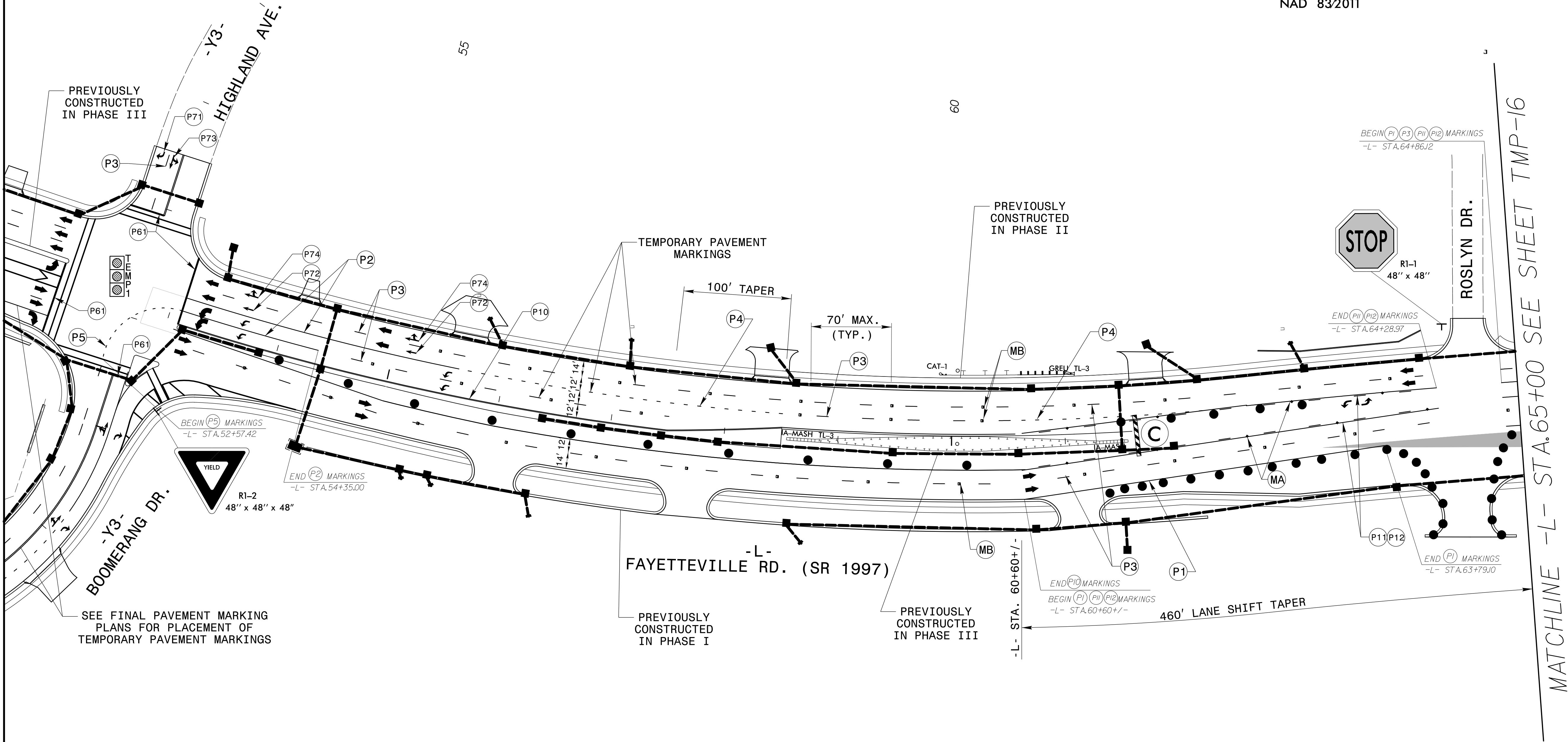
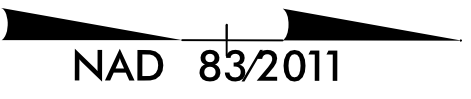
APPROVED: Weston Murphy DATE: 1/30/2025

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NORTH CAROLINA
PROFESSIONAL
SEAL
049235
ENGINEER
WESTON D. MURPHY



PHASE III
STEP 4 OHS INSTALLATION
(FAYETTEVILLE RD.
SOUTHBOUND)



C

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

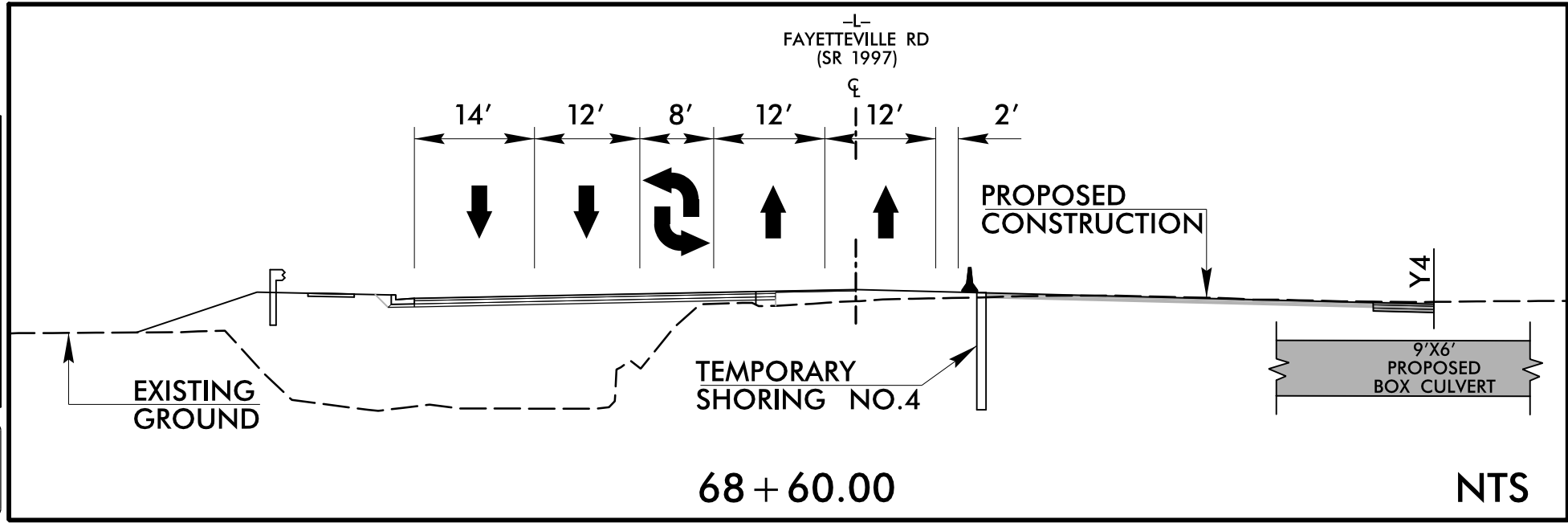
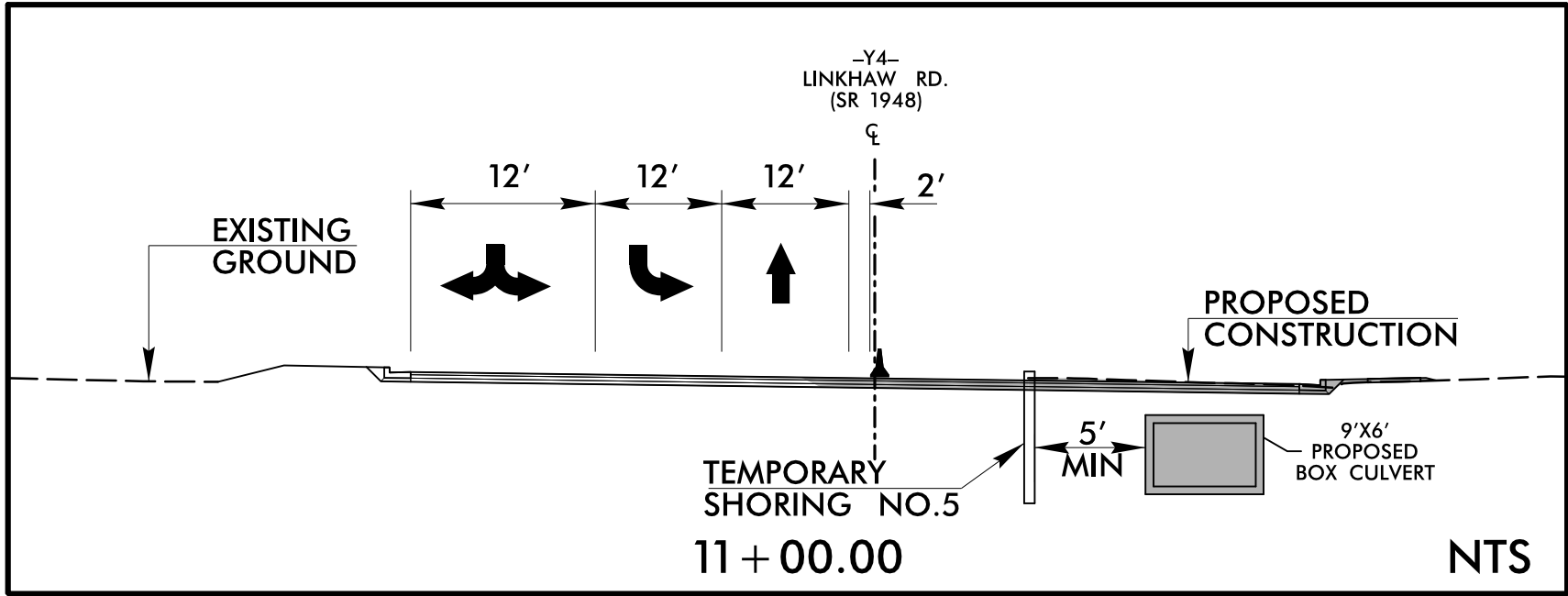
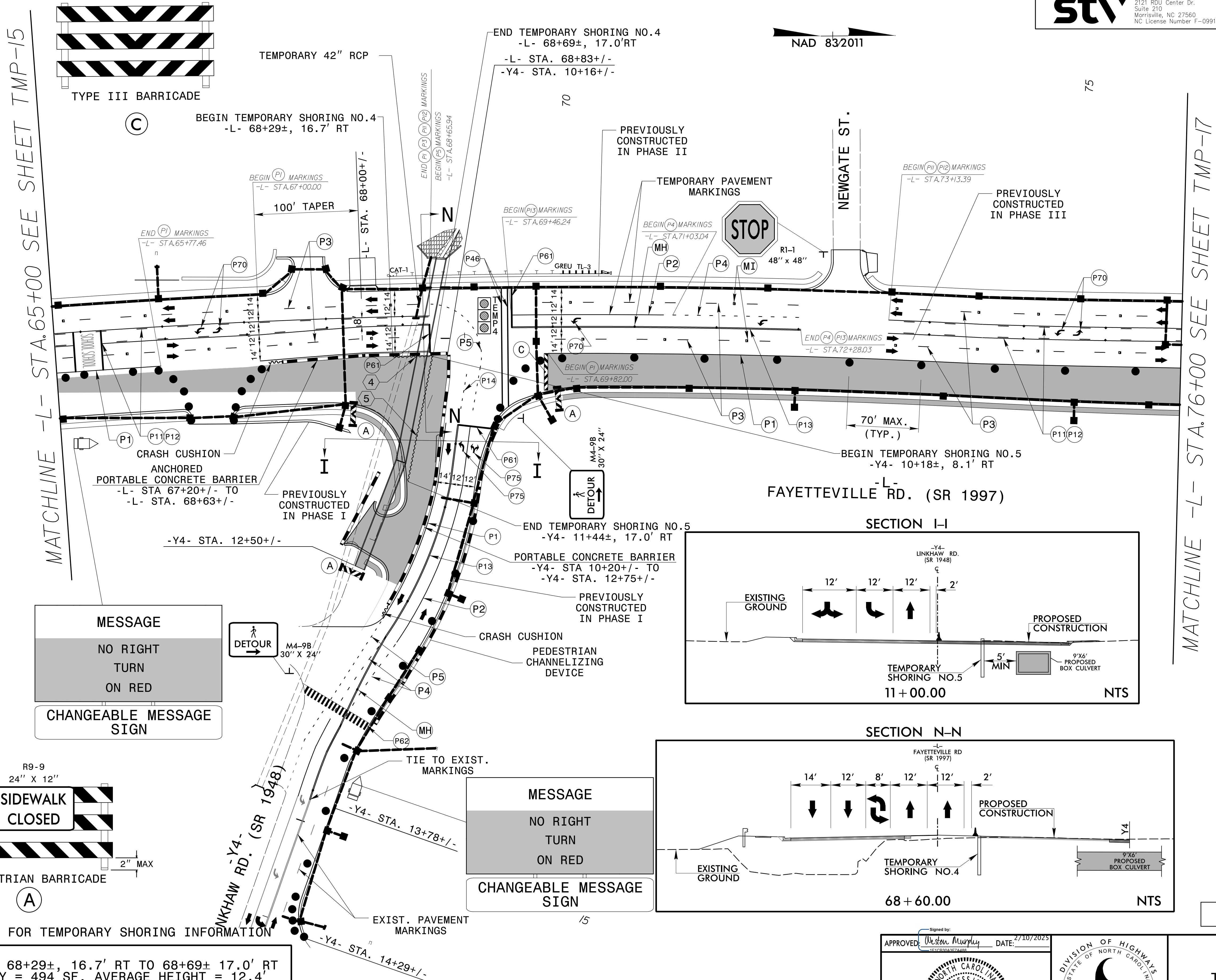
APPROVED: W. Stan Murphy DATE: 2/10/2025

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NORTH CAROLINA
PROFESSIONAL
SEAL
049235
ENGINEER
W. STAN MURPHY

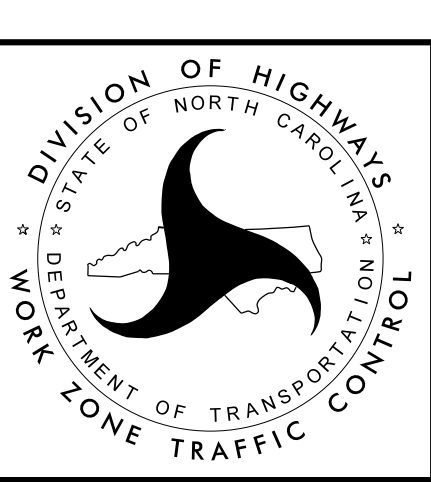


TEMPORARY TRAFFIC
CONTROL PHASE IV DETAIL
STEP 1



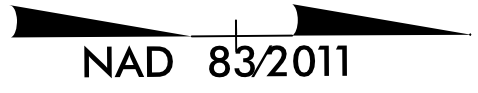
- SEE TMP-1D FOR TEMPORARY SHORING INFORMATION
- ④ -L- STA 68+29±, 16.7' RT TO 68+69± 17.0' RT
QUANTITY = 494 SF, AVERAGE HEIGHT = 12.4'
 - ⑤ -Y4- STA 10+18±, 21.9' RT TO 11+44± 17.0' RT
QUANTITY = 1481 SF, AVERAGE HEIGHT = 11.8'

APPROVED: *Weston Murphy* DATE: 2/10/2025
SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
049235
WESTON D. MURPHY

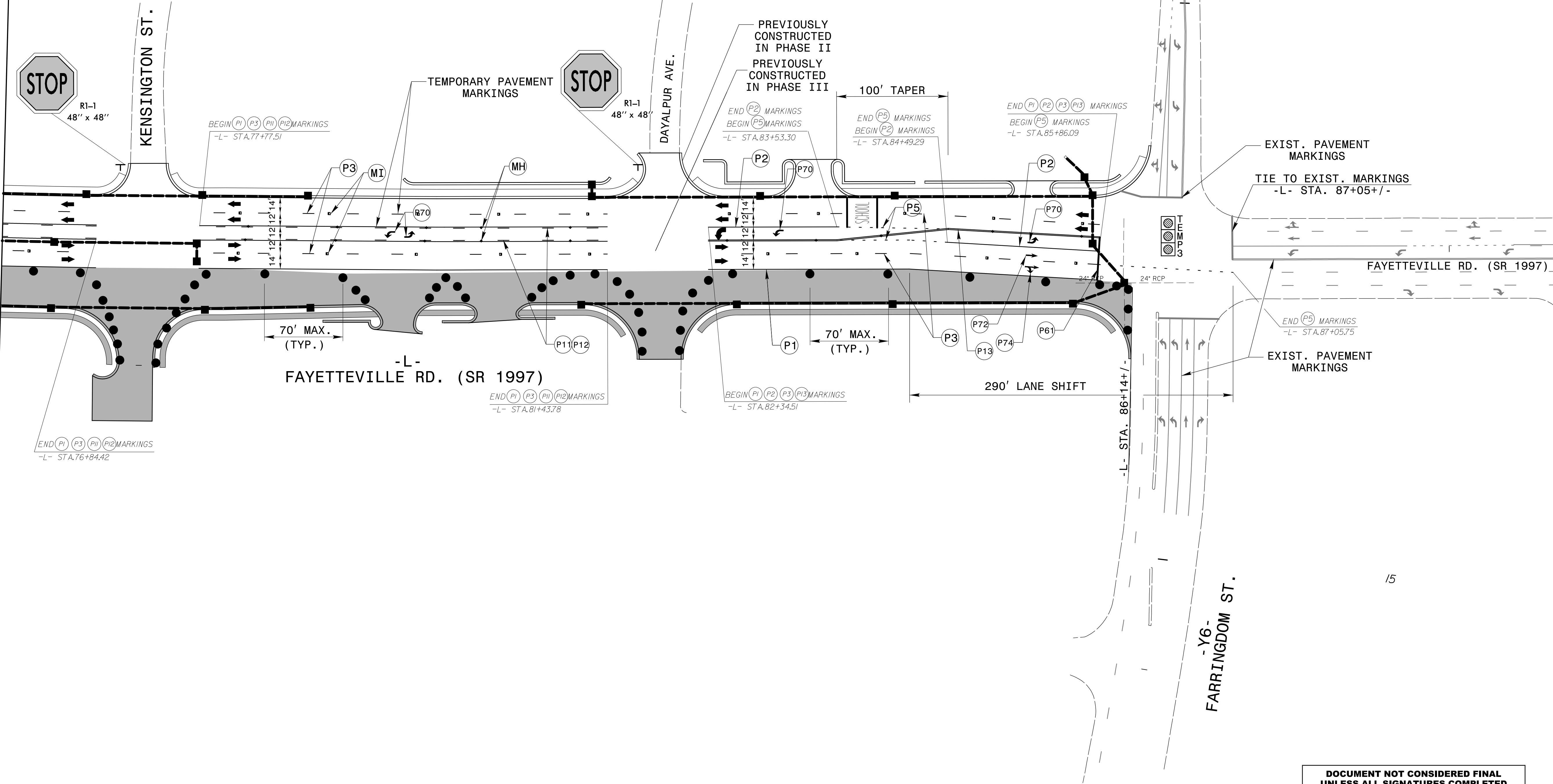


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TEMPORARY TRAFFIC
CONTROL PHASE IV DETAIL
STEP 1



MATCHLINE -L- STA.76+00 SEE SHEET TMP-16

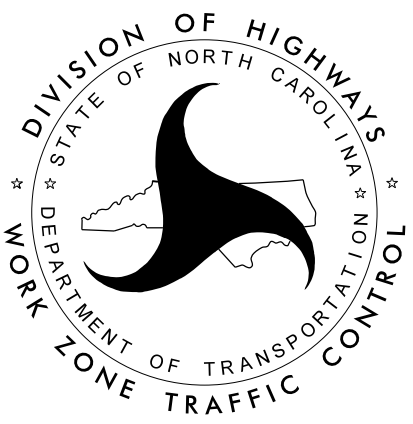


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

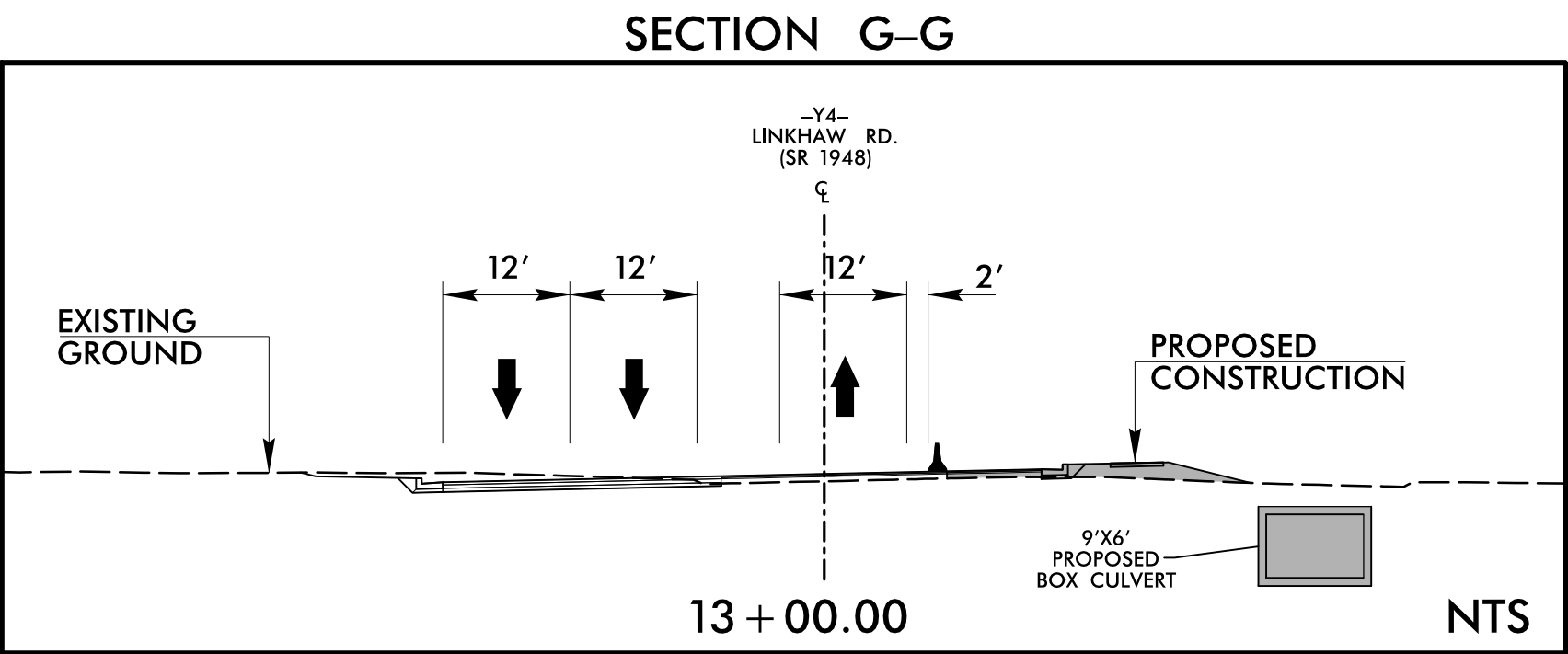
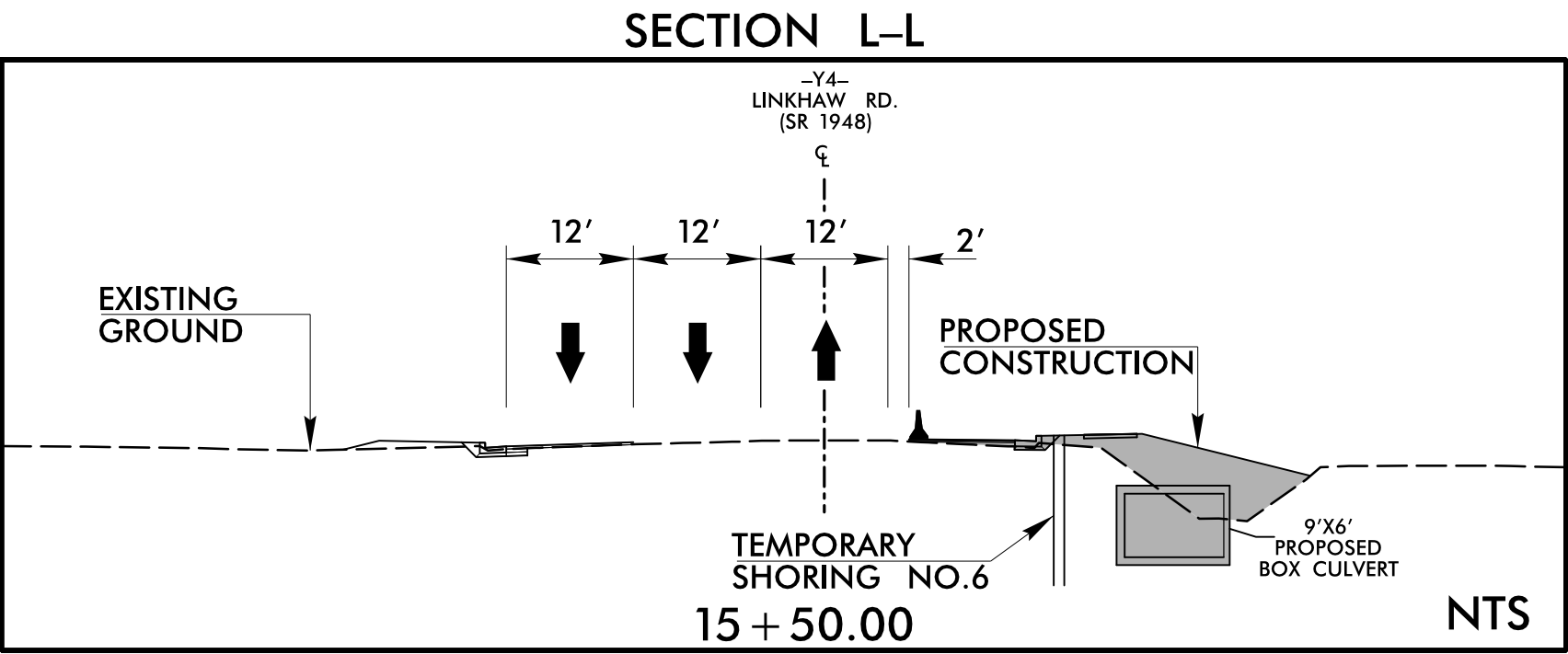
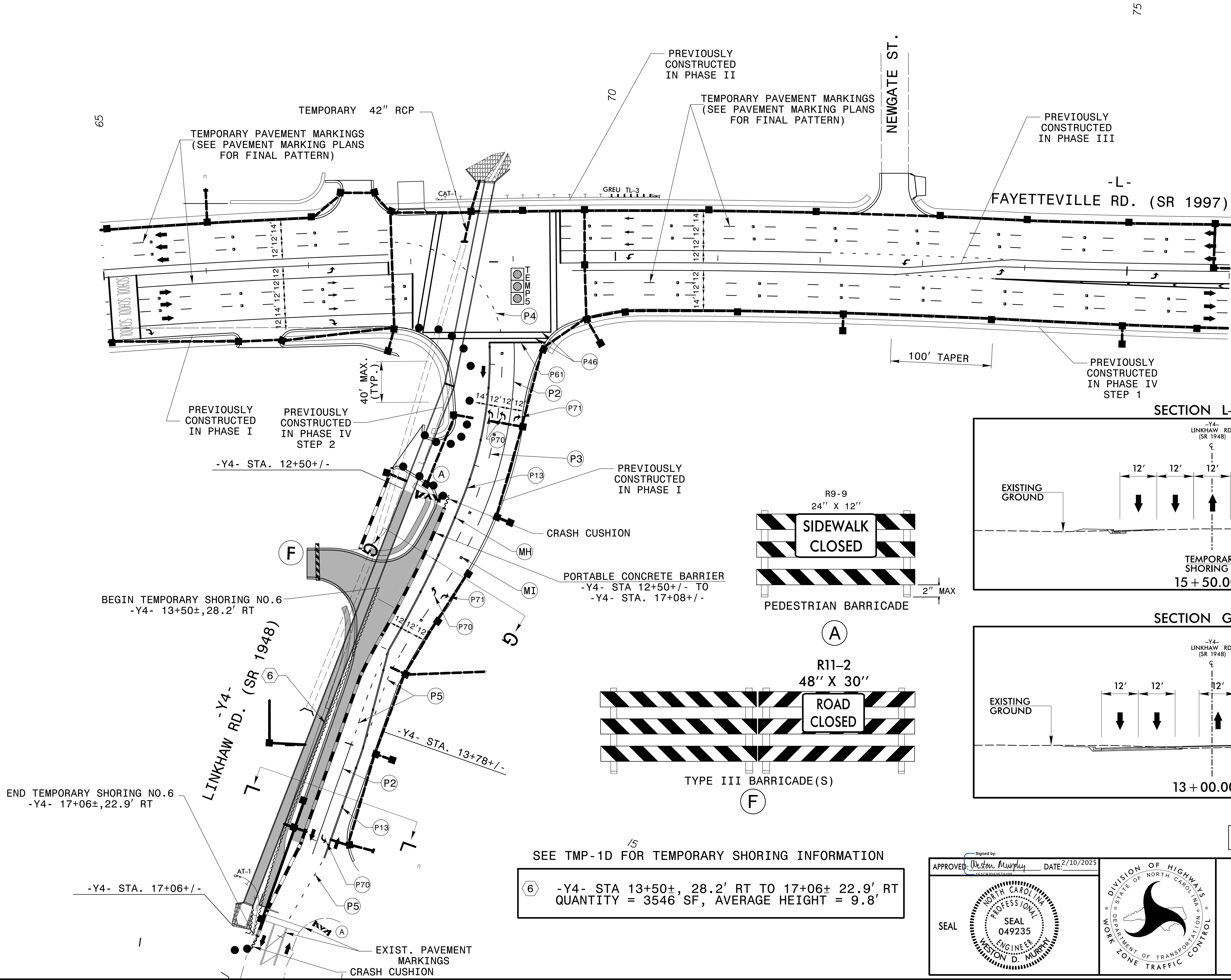
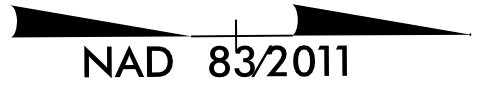
APPROVED: Weston Murphy DATE: 3/6/2025

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WESTON D. MURPHY
SEAL
049235

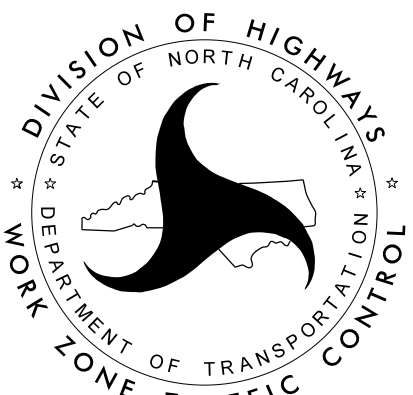
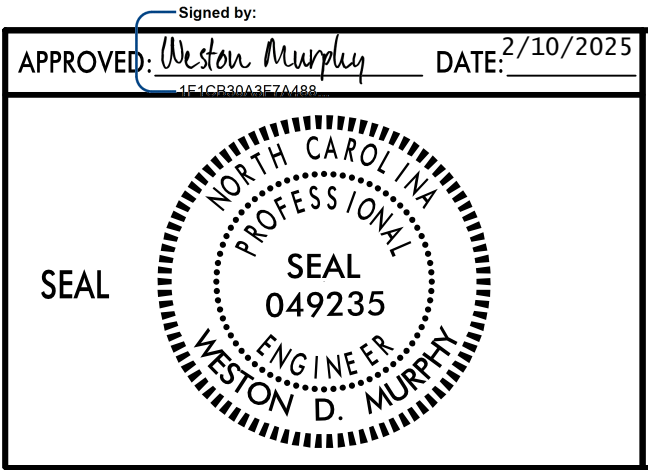


TEMPORARY TRAFFIC
CONTROL PHASE IV DETAIL
STEP 1



SEE TMP-1D FOR TEMPORARY SHORING INFORMATION

6 -Y4- STA 13+50±, 28.2' RT TO 17+06± 22.9' RT
QUANTITY = 3546 SF, AVERAGE HEIGHT = 9.8'



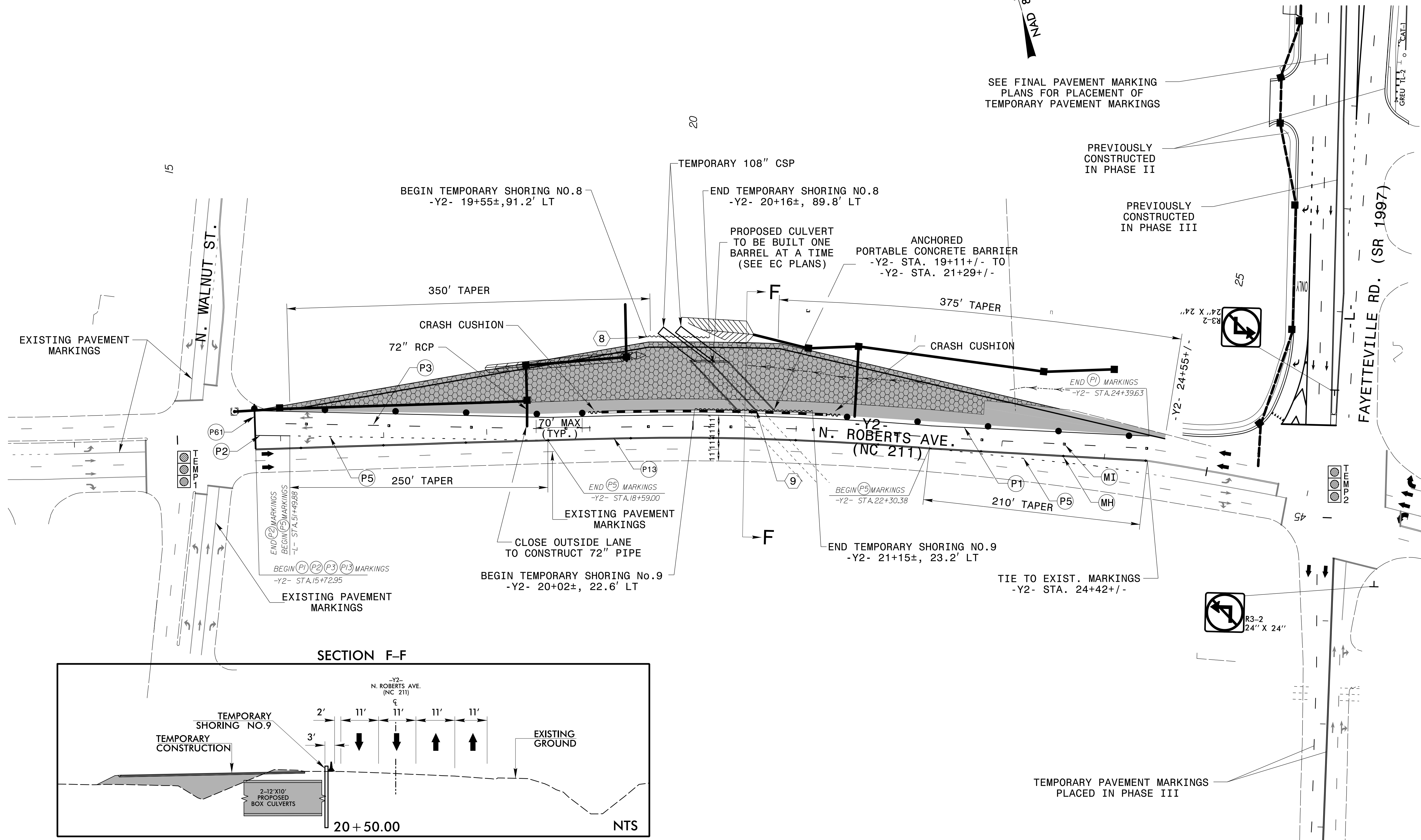
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TEMPORARY TRAFFIC
CONTROL PHASE IV DETAIL
STEP 2

SEE ROADWAY PLAN SHEET 2B-4 FOR TEMPORARY WIDENING DETAIL

stv STV Engineers, Inc.
2121 RDU Center Dr.
Suite 210
Morrisville, NC 27560
NC License Number F-0991

PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-19



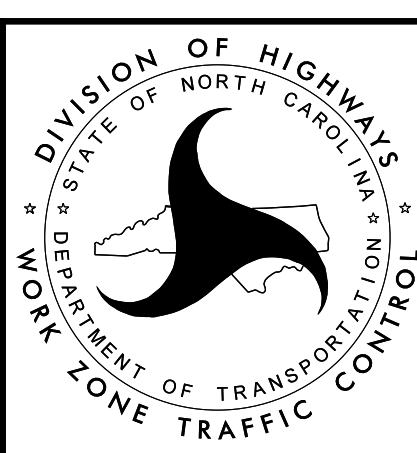
SEE TMP-1D FOR TEMPORARY SHORING INFORMATION

- ⑧ -Y2- STA 19+55±, 91.2' LT TO 20+16± 89.8' LT
QUANTITY = 589 SF, AVERAGE HEIGHT = 9.4'
- ⑨ -Y2- STA 20+02±, 22.6' LT TO 21+15± 23.2' LT
QUANTITY = 1816 SF, AVERAGE HEIGHT = 16.1'

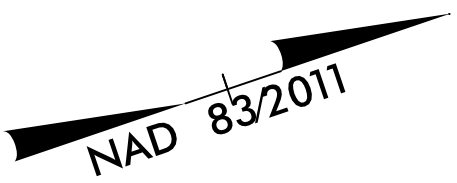
APPROVED: Weston D. Murphy DATE: 2/10/2025

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 049235 WESTON D. MURPHY



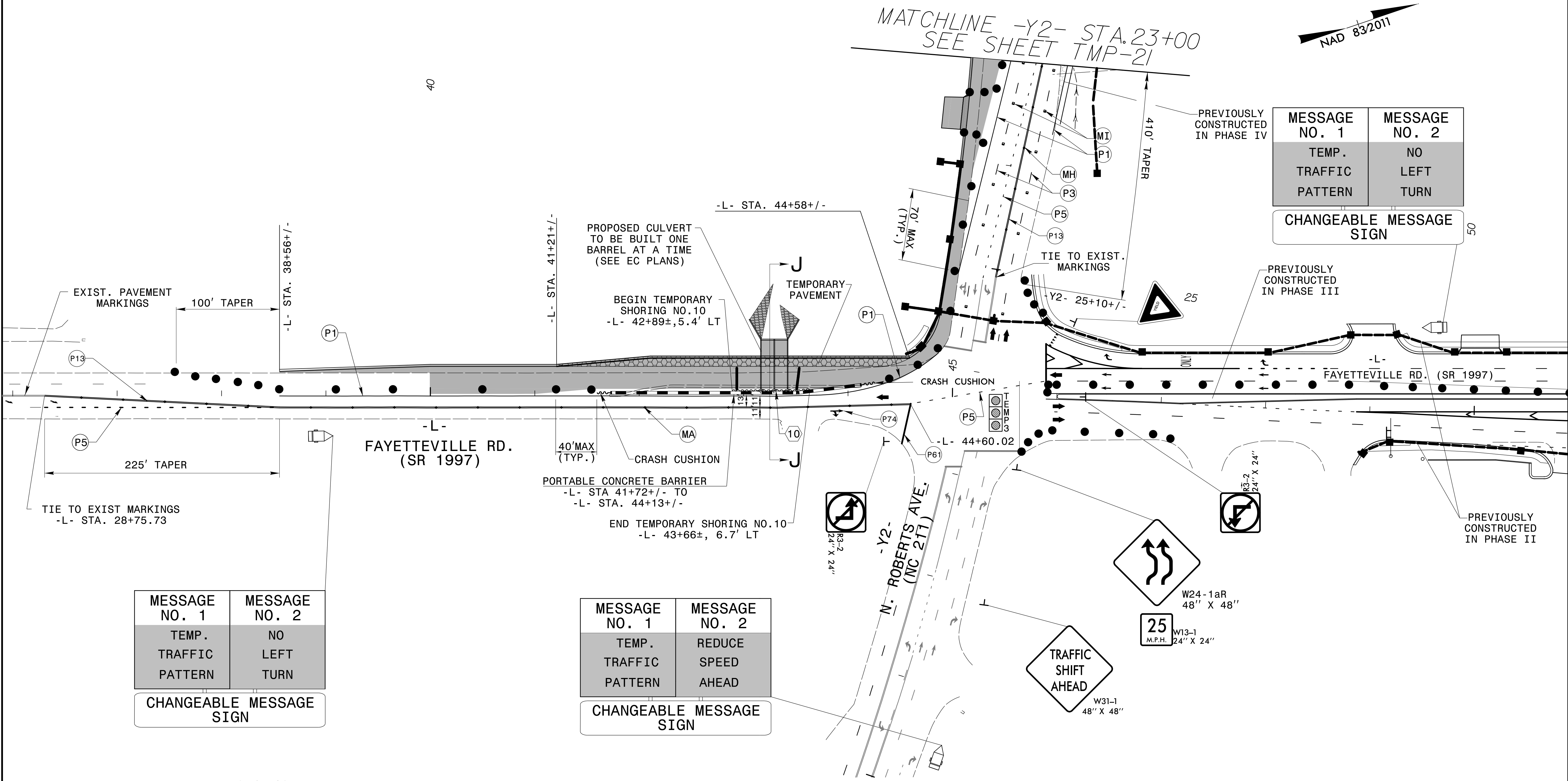
TEMPORARY TRAFFIC CONTROL PHASE IV DETAIL STEP 4



MATCHLINE -Y2- STA. 23+00
SEE SHEET TMP-21

MESSAGE NO. 1	MESSAGE NO. 2
TEMP. TRAFFIC PATTERN	NO LEFT TURN

CHANGEABLE MESSAGE SIGN



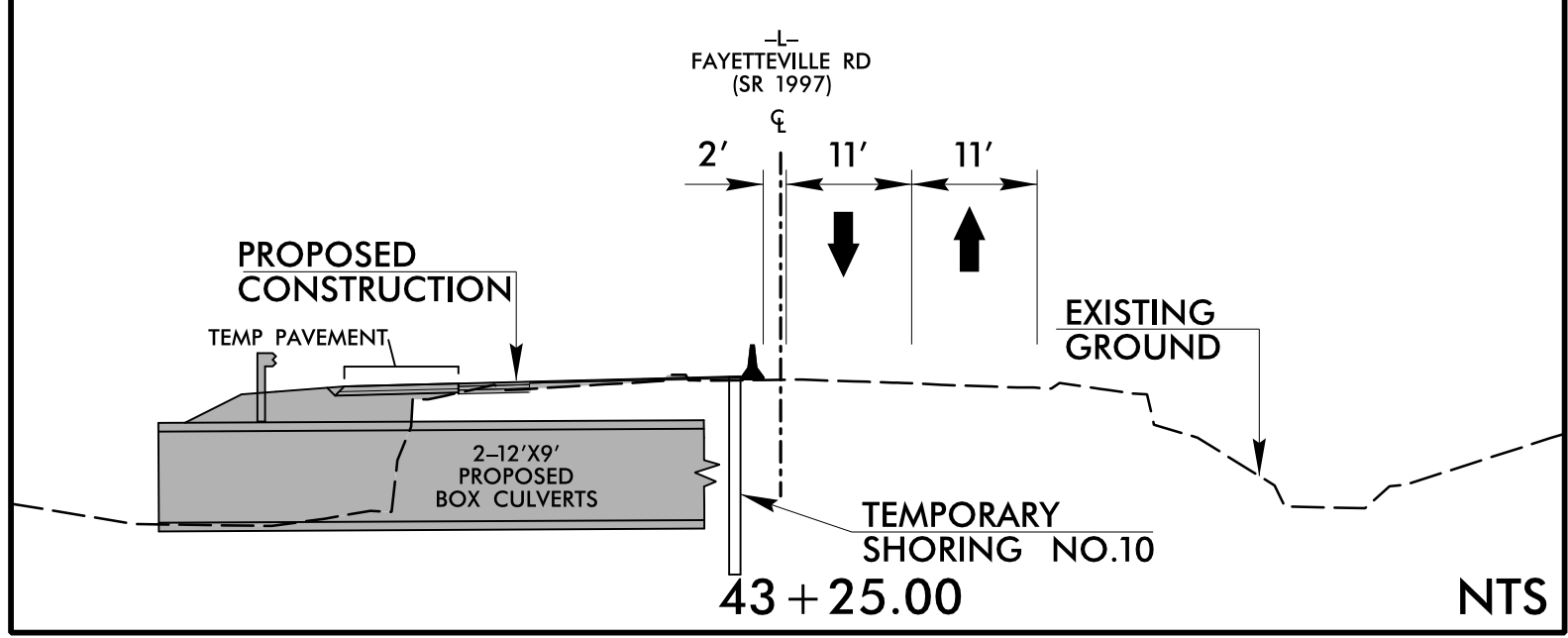
MESSAGE NO. 1	MESSAGE NO. 2
TEMP. TRAFFIC PATTERN	NO LEFT TURN

CHANGEABLE MESSAGE SIGN

MESSAGE NO. 1	MESSAGE NO. 2
TEMP. TRAFFIC PATTERN	REDUCE SPEED AHEAD

CHANGEABLE MESSAGE SIGN

SECTION J-J



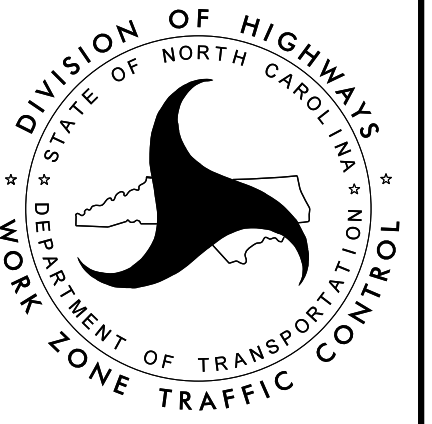
SEE TMP-1D FOR TEMPORARY SHORING INFORMATION

10	-L- STA 42+89±, 5.4' LT TO 43+66± 6.7' LT QUANTITY = 1051 SF, AVERAGE HEIGHT = 13.7'
----	---

APPROVED: *Weston D. Murphy* DATE: 3/6/2025

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 049235 WESTON D. MURPHY



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TEMPORARY TRAFFIC
CONTROL PHASE V DETAIL
STEP 1

3/6/2025
K:\TrafficControl\TCP\Sheets\U-5797_TCP_TMP-20_phase 5-1.dgn
MURPHYWD

SEE TMP-1D FOR TEMPORARY SHORING INFORMATION

- 11

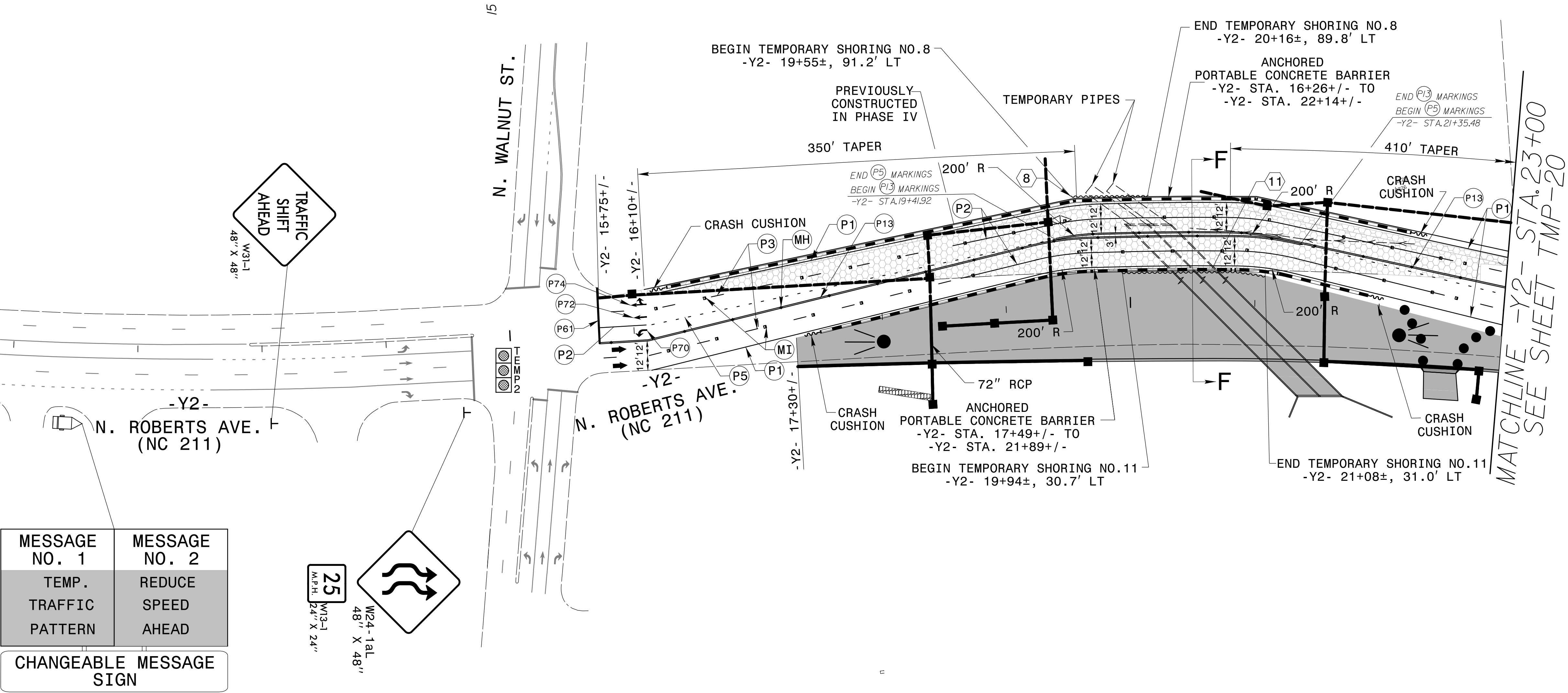
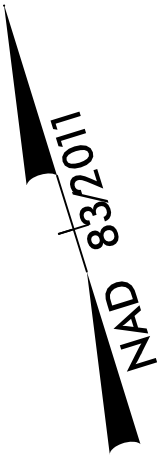
-Y2- STA 19+94±, 30.7' LT TO 21+08± 31.0' LT
QUANTITY = 1854 SF, AVERAGE HEIGHT = 16.3'
- 8

-Y2- STA 19+55±, 91.2' LT TO 20+16± 89.8' LT
QUANTITY = 589 SF, AVERAGE HEIGHT = 9.4'

stv

STV Engineers, Inc.
2121 RDU Center Dr.
Suite 210
Morrisville, NC 27560
NC License Number F-0991

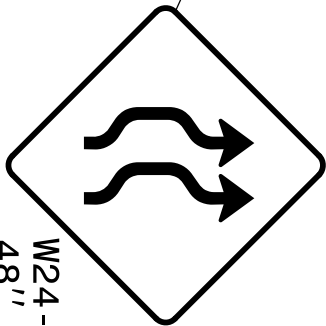
PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-21



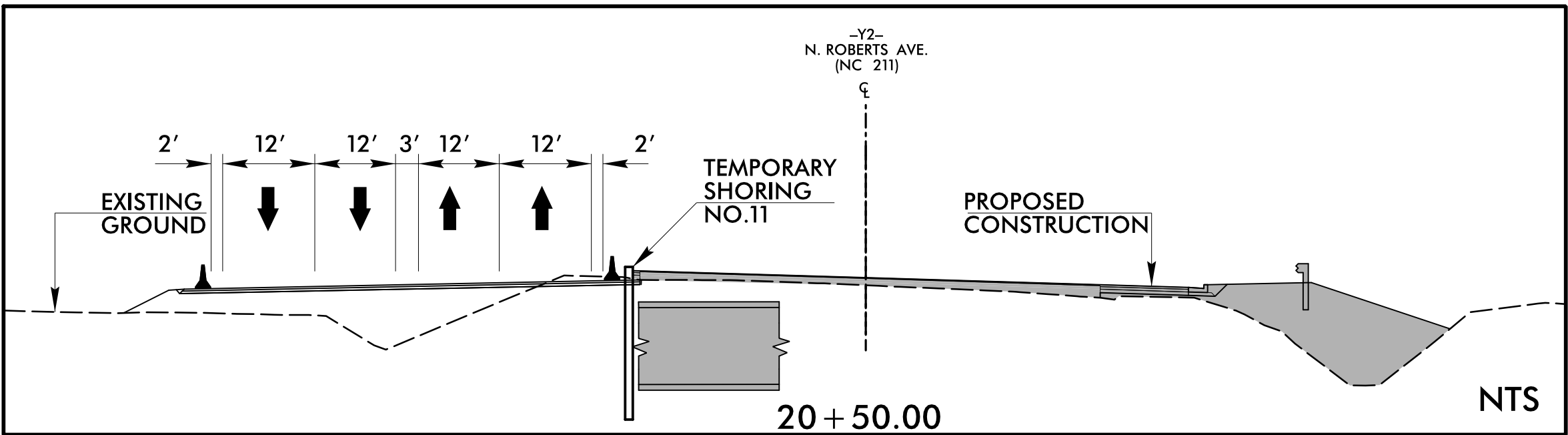
MESSAGE NO. 1	MESSAGE NO. 2
TEMP. TRAFFIC PATTERN	REDUCE SPEED AHEAD

CHANGEABLE MESSAGE SIGN

25
W13-1
48" X 24"

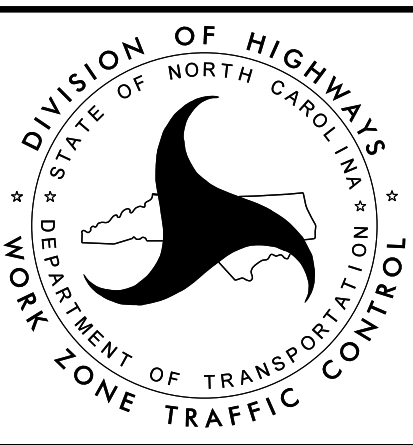


SECTION F-F



APPROVED: *Weston D. Murphy* DATE: 2/10/2025

SEAL
NORTH CAROLINA
PROFESSIONAL ENGINEER
SEAL 049235
WESTON D. MURPHY



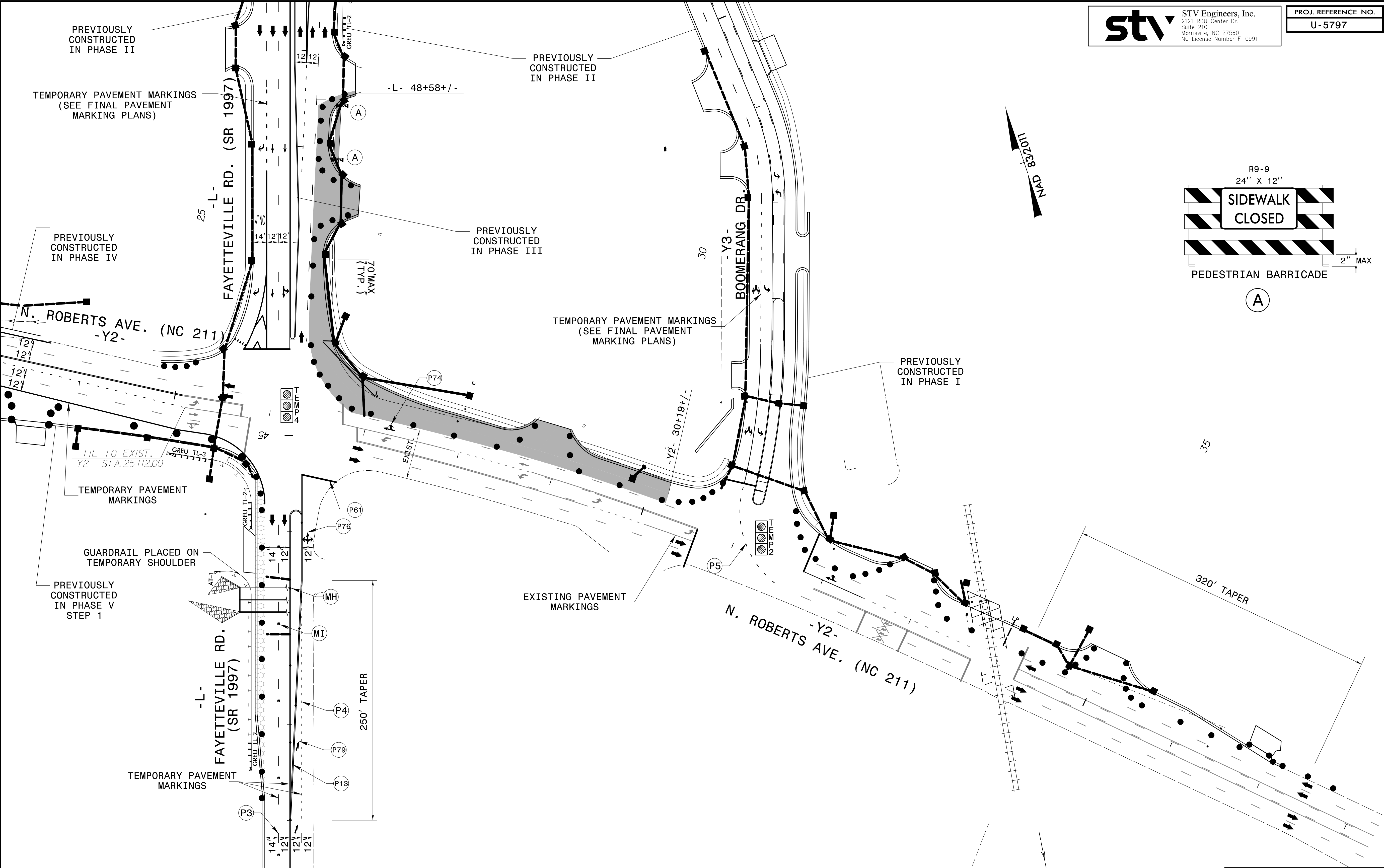
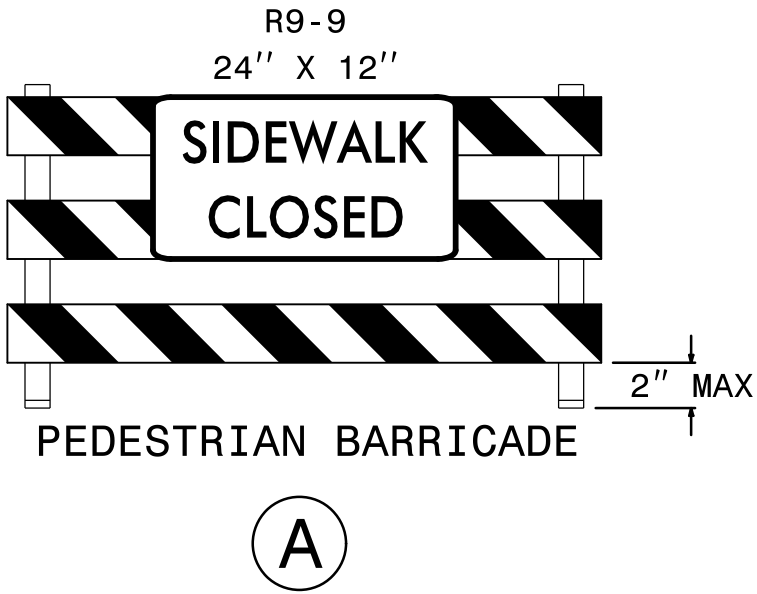
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TEMPORARY TRAFFIC
CONTROL PHASE V DETAIL
STEP 1

st^v

STV Engineers, Inc.
2121 RDU Center Dr.
Suite 210
Morrisville, NC 27560
NC License Number F-0991

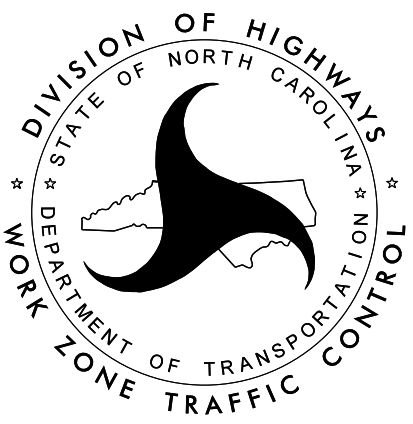
PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-22



SEE ROADWAY PLANS SHEET 2B-4 FOR TEMPORARY
WIDENING DETAIL

APPROVED: DATE: 12/4/2025

SEAL



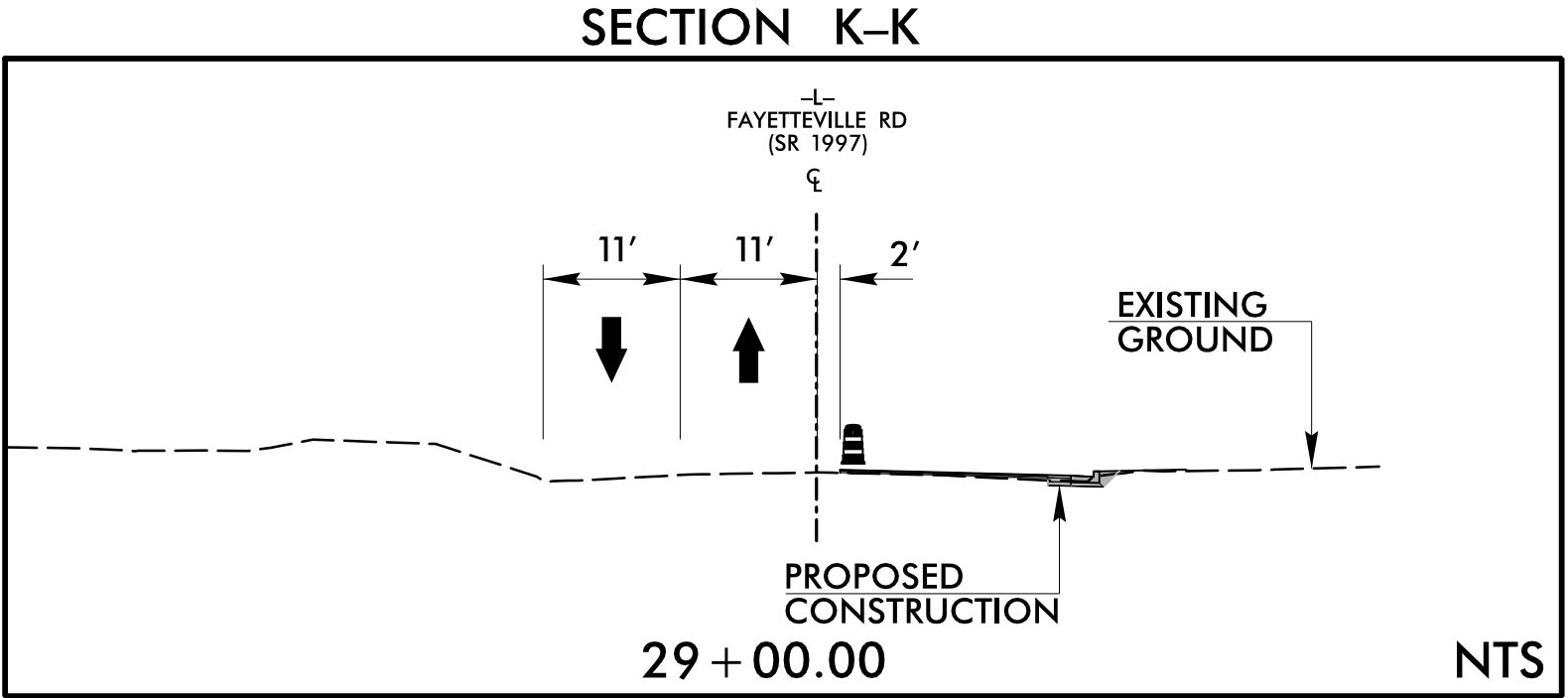
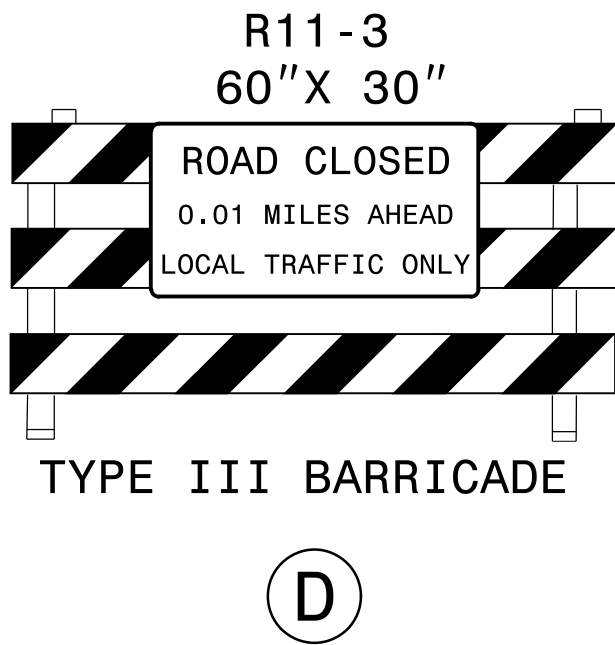
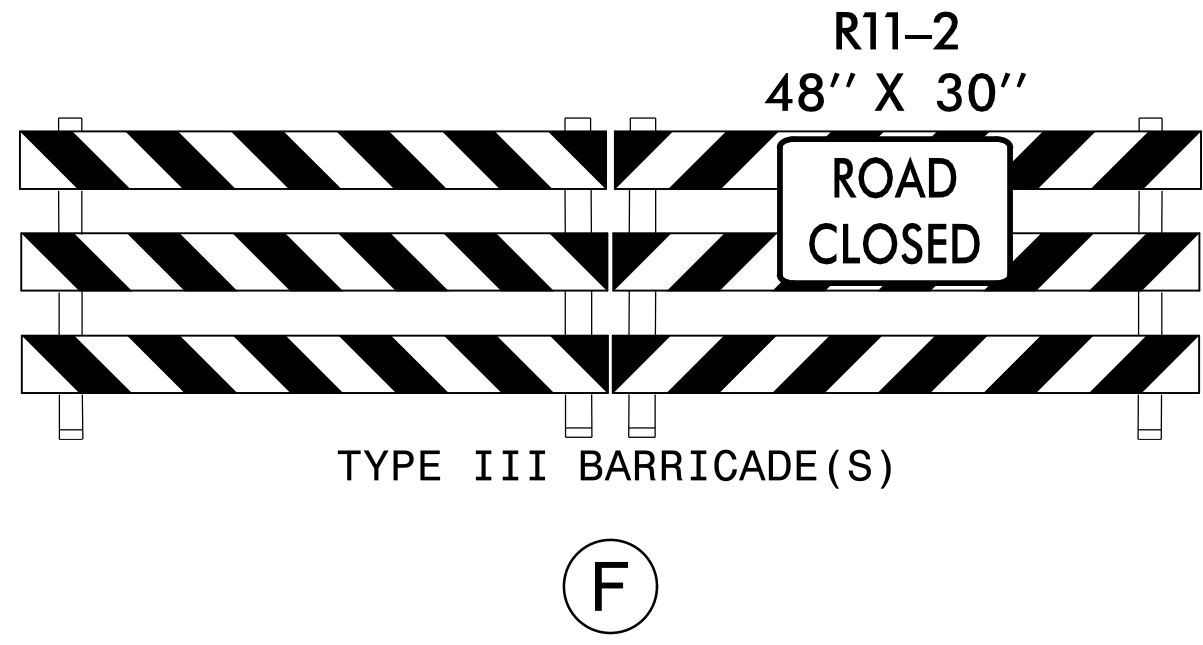
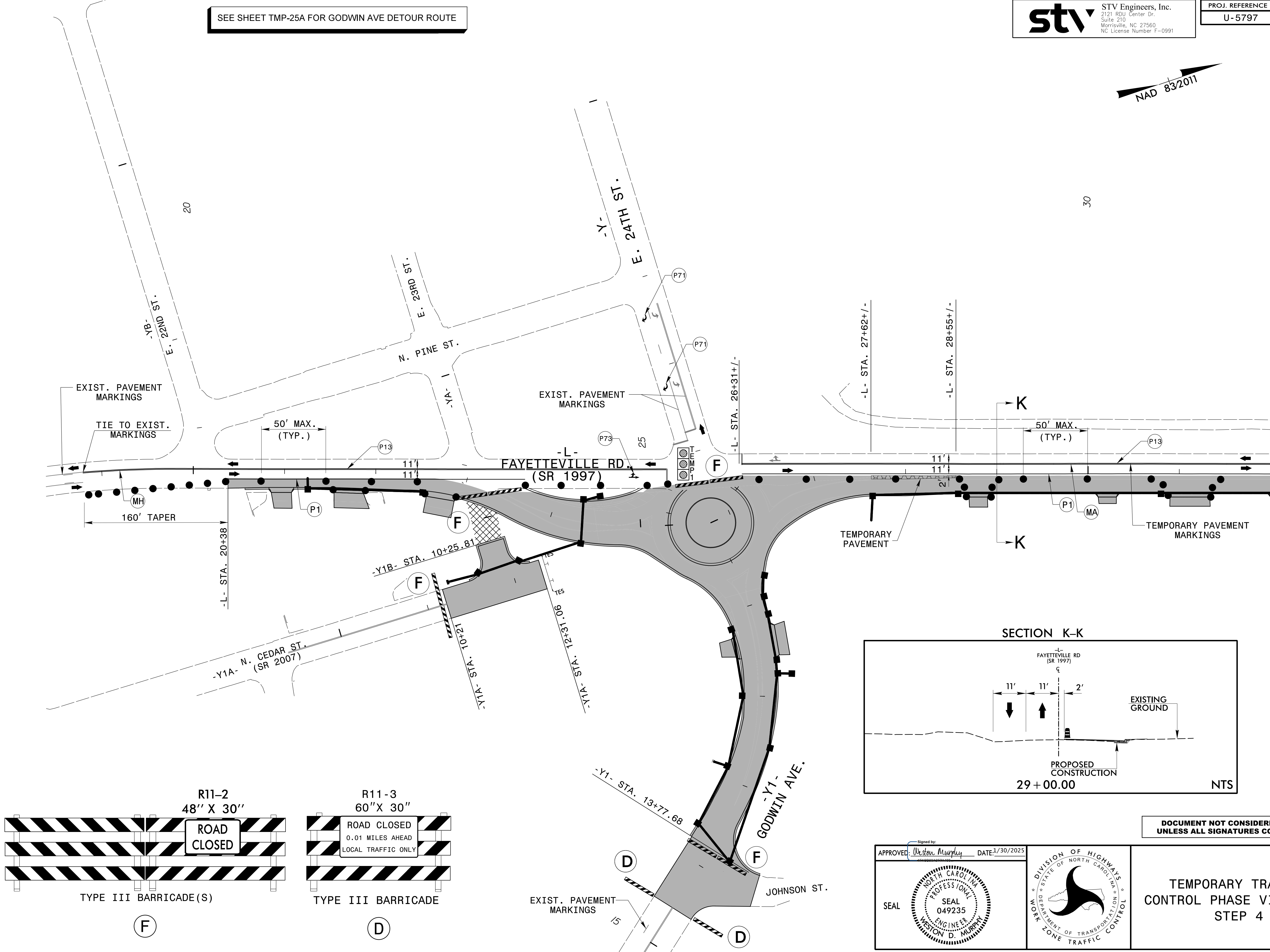
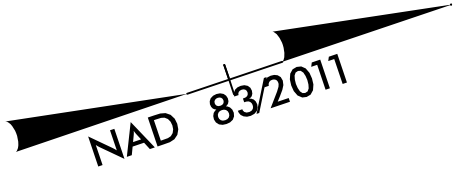
TEMPORARY TRAFFIC
CONTROL PHASE V DETAIL
STEP 2

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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NC License Number F-0991

PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-24



APPROVED: *Weston D. Murphy* DATE: 1/30/2025

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ENGINEER
WESTON D. MURPHY
SEAL
049235

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

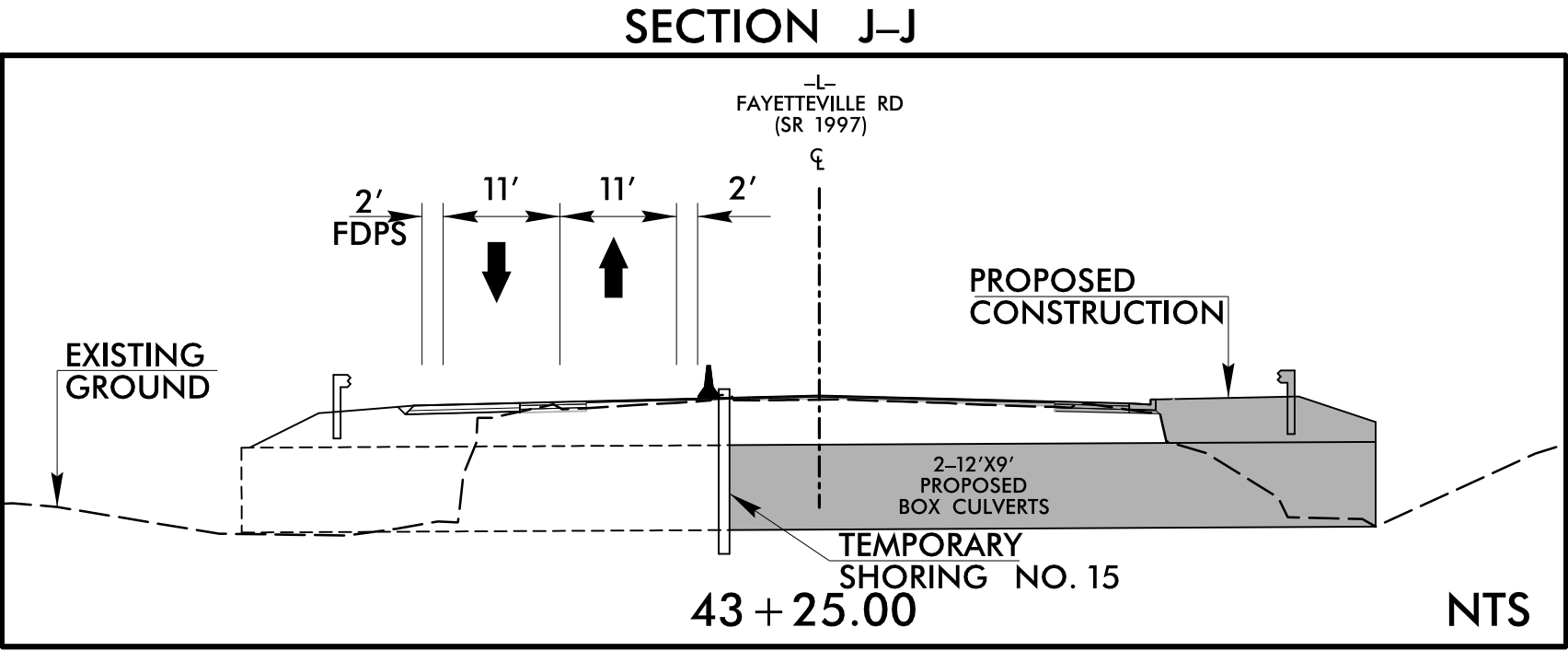
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TEMPORARY TRAFFIC
CONTROL PHASE VI DETAIL
STEP 4

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RA\TrafficControl\TCP_Sheets\U-5797_TCP_TMP-24_Phase 6-4.dgn
MurphyWD

stv STV Engineers, Inc.
2121 RDU Center Dr.
Suite 210
Morrisville, NC 27560
NC License Number F-0991

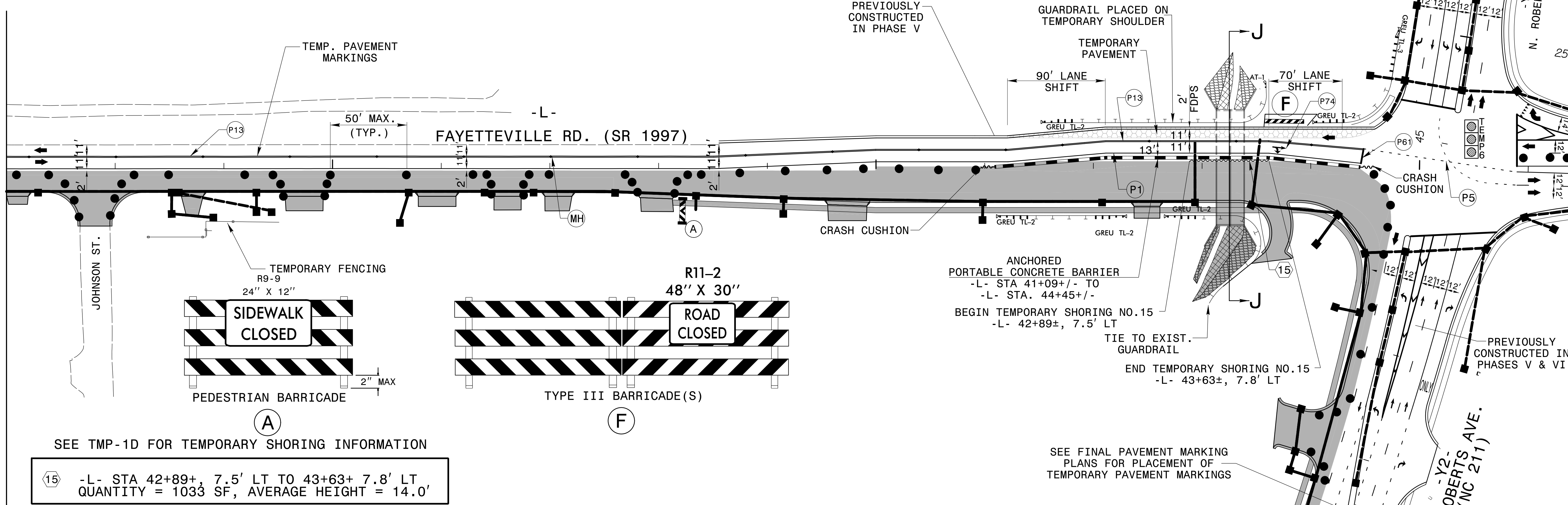
PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-25



PREVIOUSLY
CONSTRUCTED IN
PHASES V & VI

SEE FINAL PAVEMENT MARKING
PLANS FOR PLACEMENT OF
TEMPORARY PAVEMENT MARKINGS

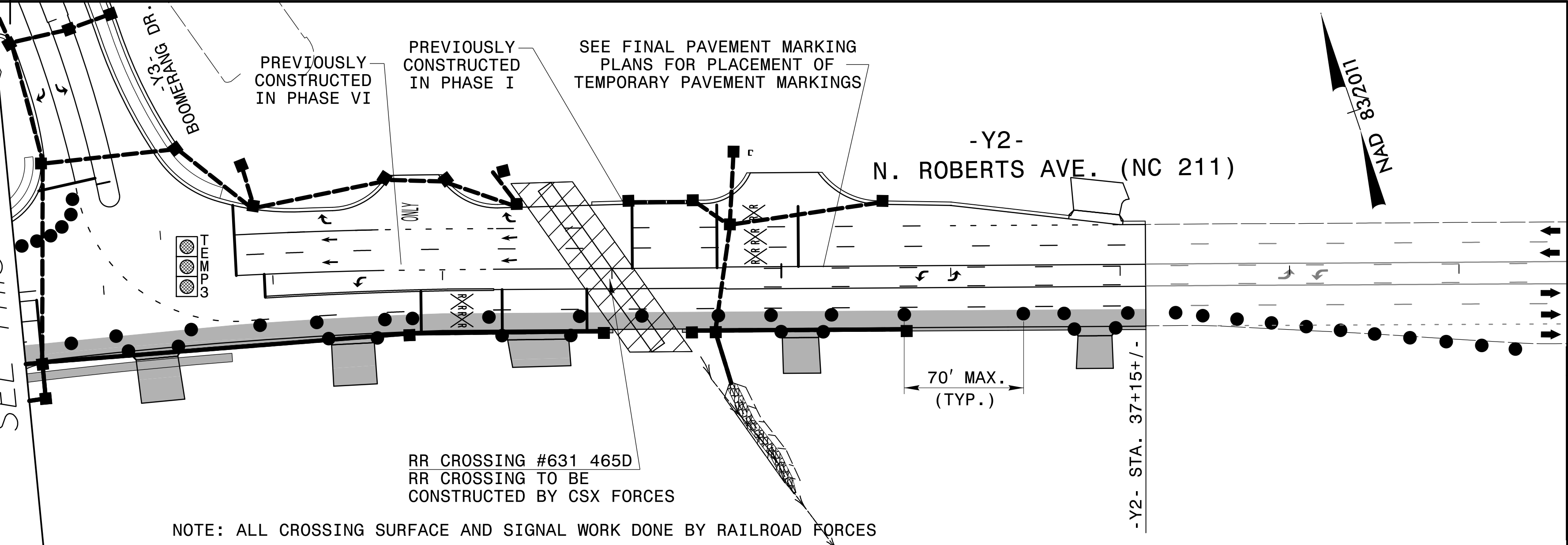
MATCHLINE -L- STA. 32+00
SEE SHEET TMP-24



SEE TMP-1D FOR TEMPORARY SHORING INFORMATION

(15) -L- STA 42+89+, 7.5' LT TO 43+63+ 7.8' LT
QUANTITY = 1033 SF, AVERAGE HEIGHT = 14.0'

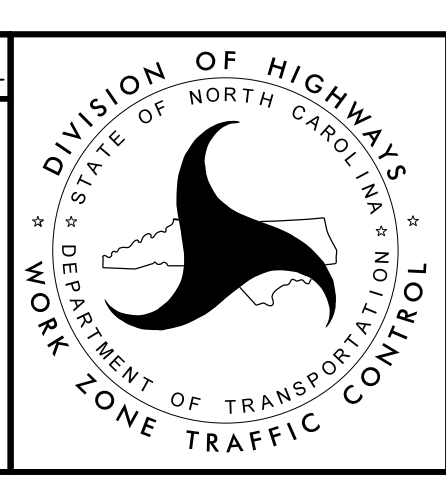
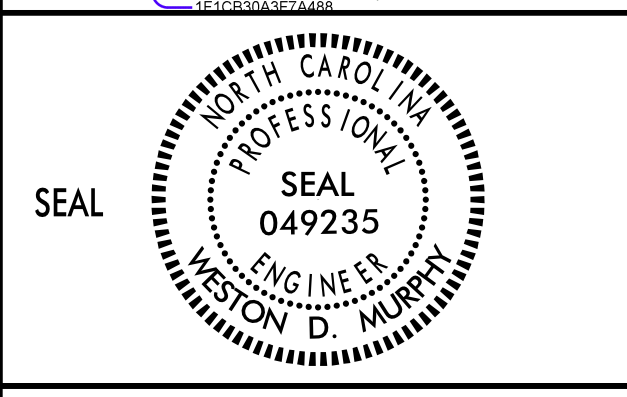
MATCHLINE -Y2- STA. 30+50
SEE THIS SHEET



MATCHLINE -Y2- STA. 30+50
SEE THIS SHEET

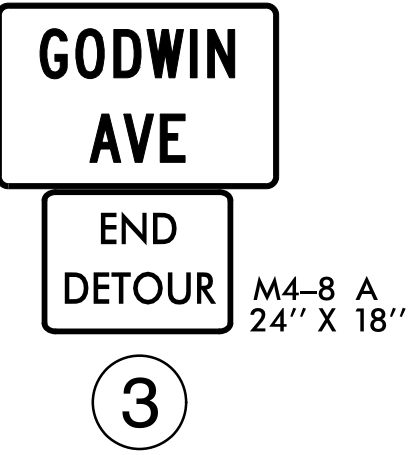
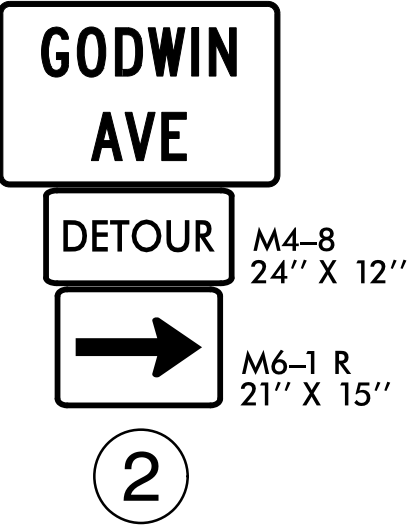
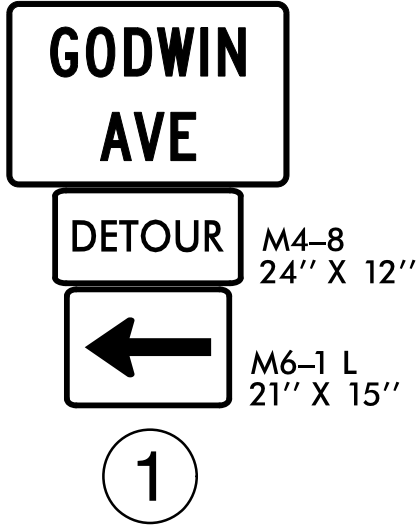
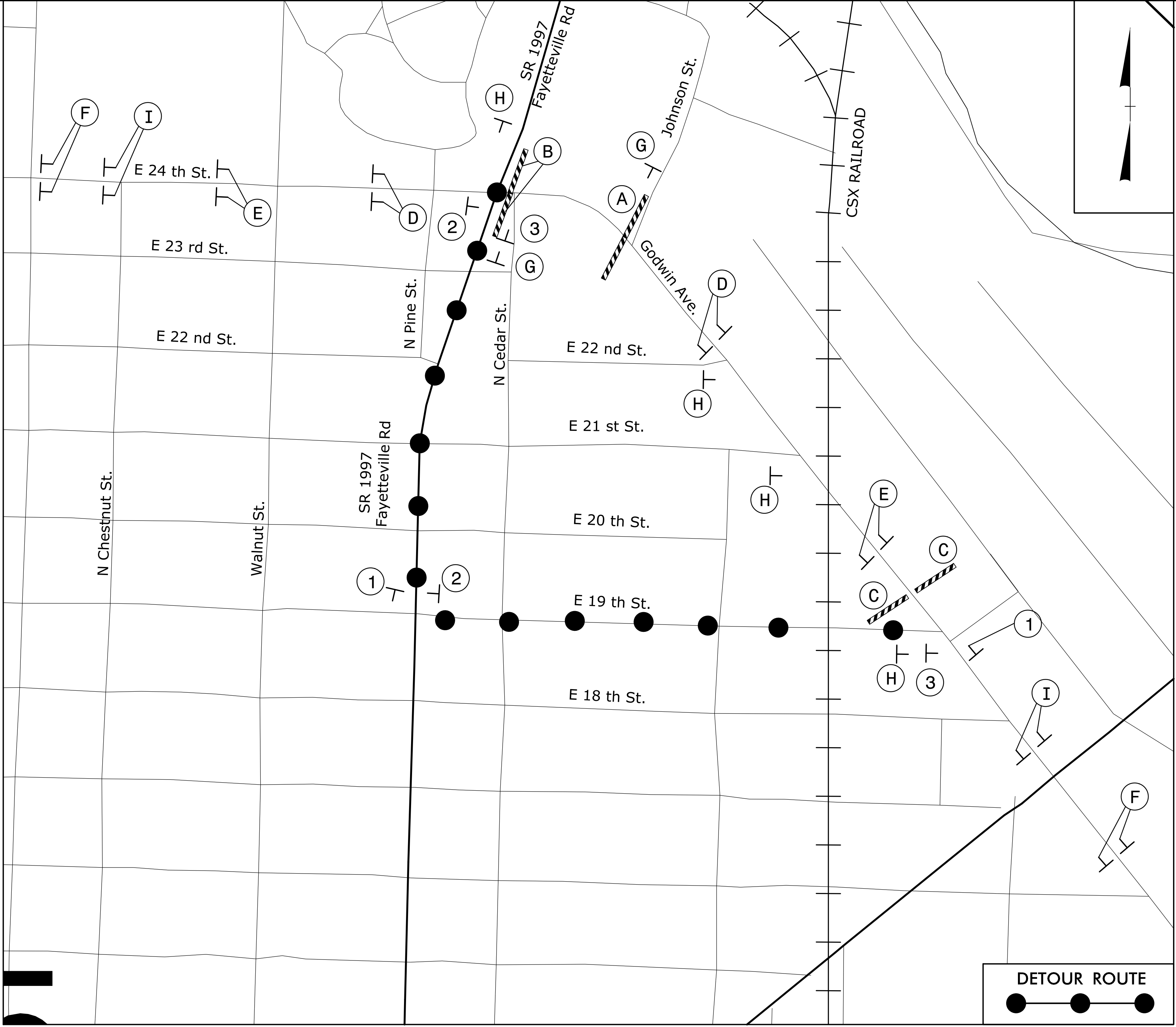
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

APPROVED: *Weston Murphy* DATE: 12/4/2025



TEMPORARY TRAFFIC
CONTROL PHASE VI DETAIL
STEP 4

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RA\Traffic\TrafficControl\TCP\Sheets\U-5797_TCP_TMP-25A_Phase 6-4.dgn
MurphyWD

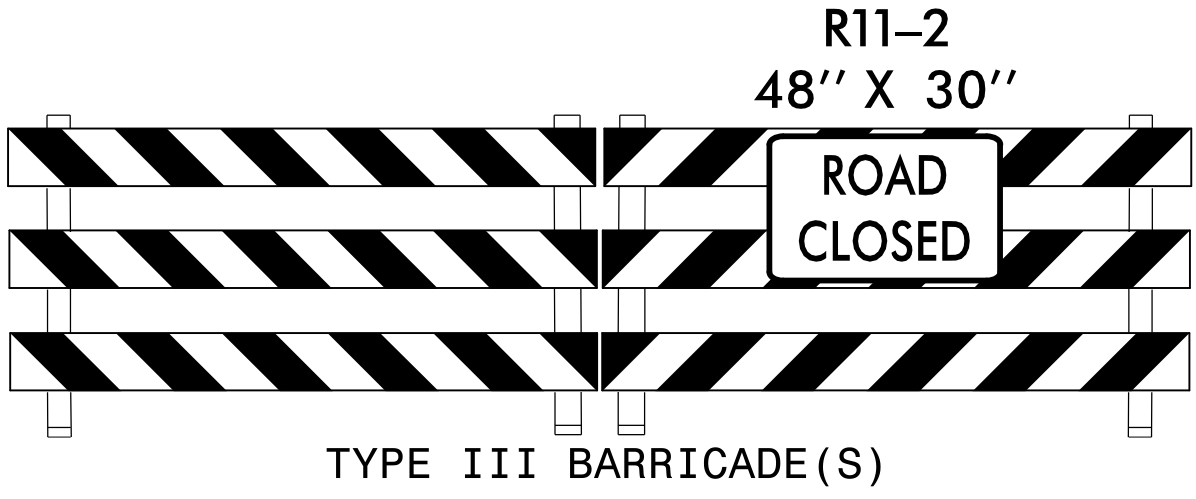


SEE SHEET TMP-28 FOR SPECIAL SIGN DESIGN

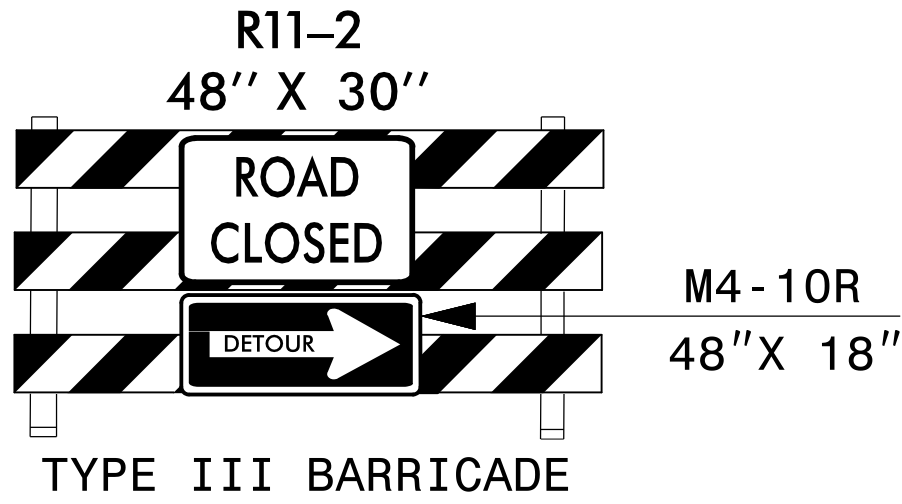
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

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Suite 210
Morrisville, NC 27560
NC License Number F-0991

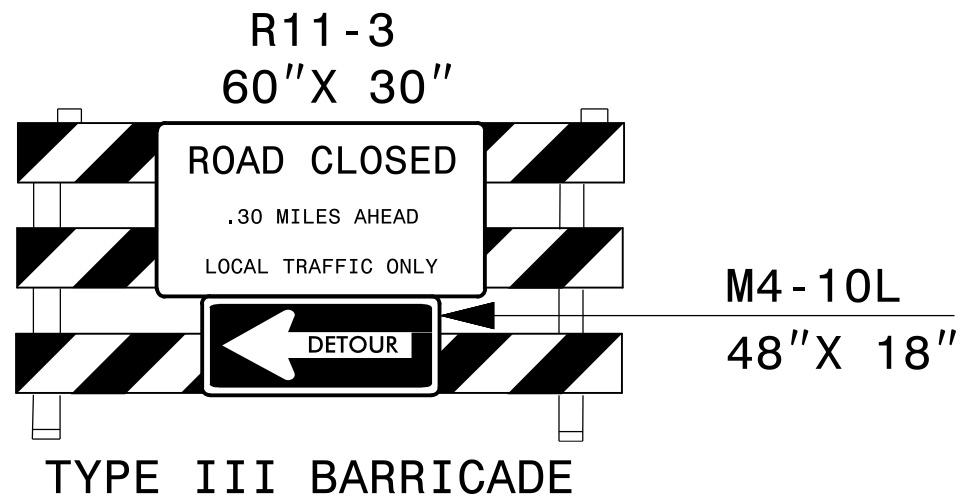
PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-25A



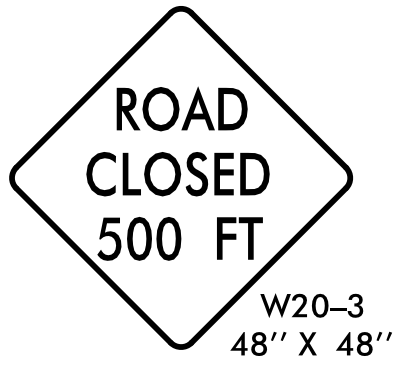
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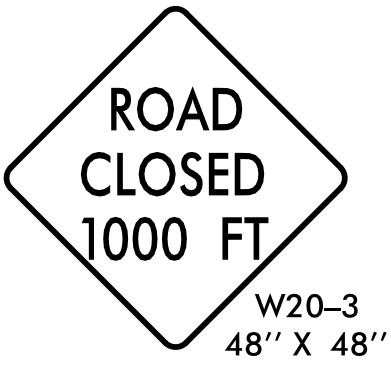
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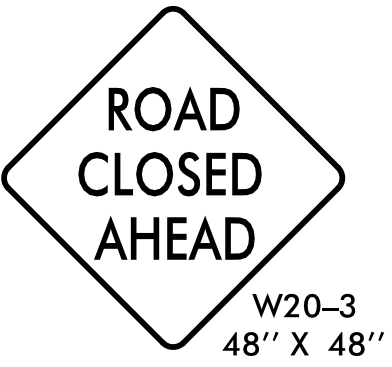
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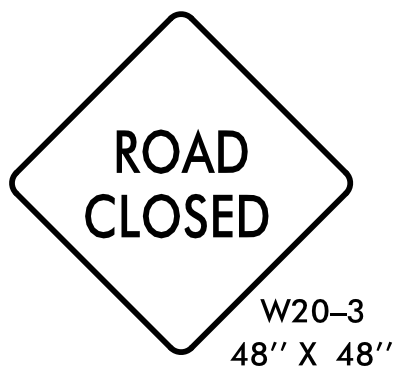
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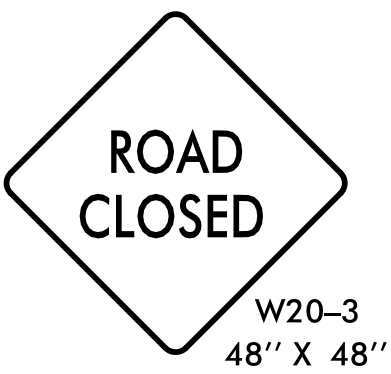
(E)



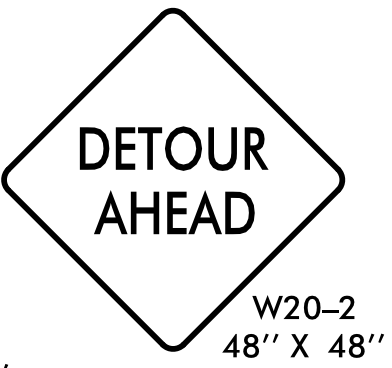
(F)



(G)



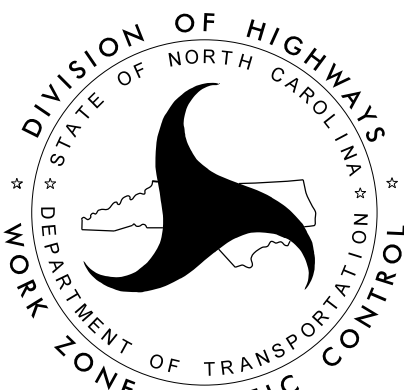
(H)



(I)

NOTE:
REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 AND 2 OF 9 FOR
GENERAL NOTES, AND SIGN DISTANCES.

APPROVED: Weston Murphy DATE: 1/30/2025
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WESTON D. MURPHY

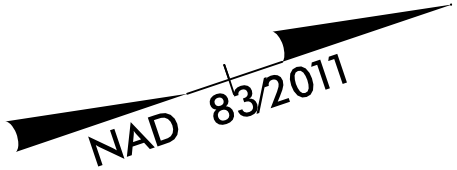


PHASE VI
DETOUR
(GODWIN AVE.)

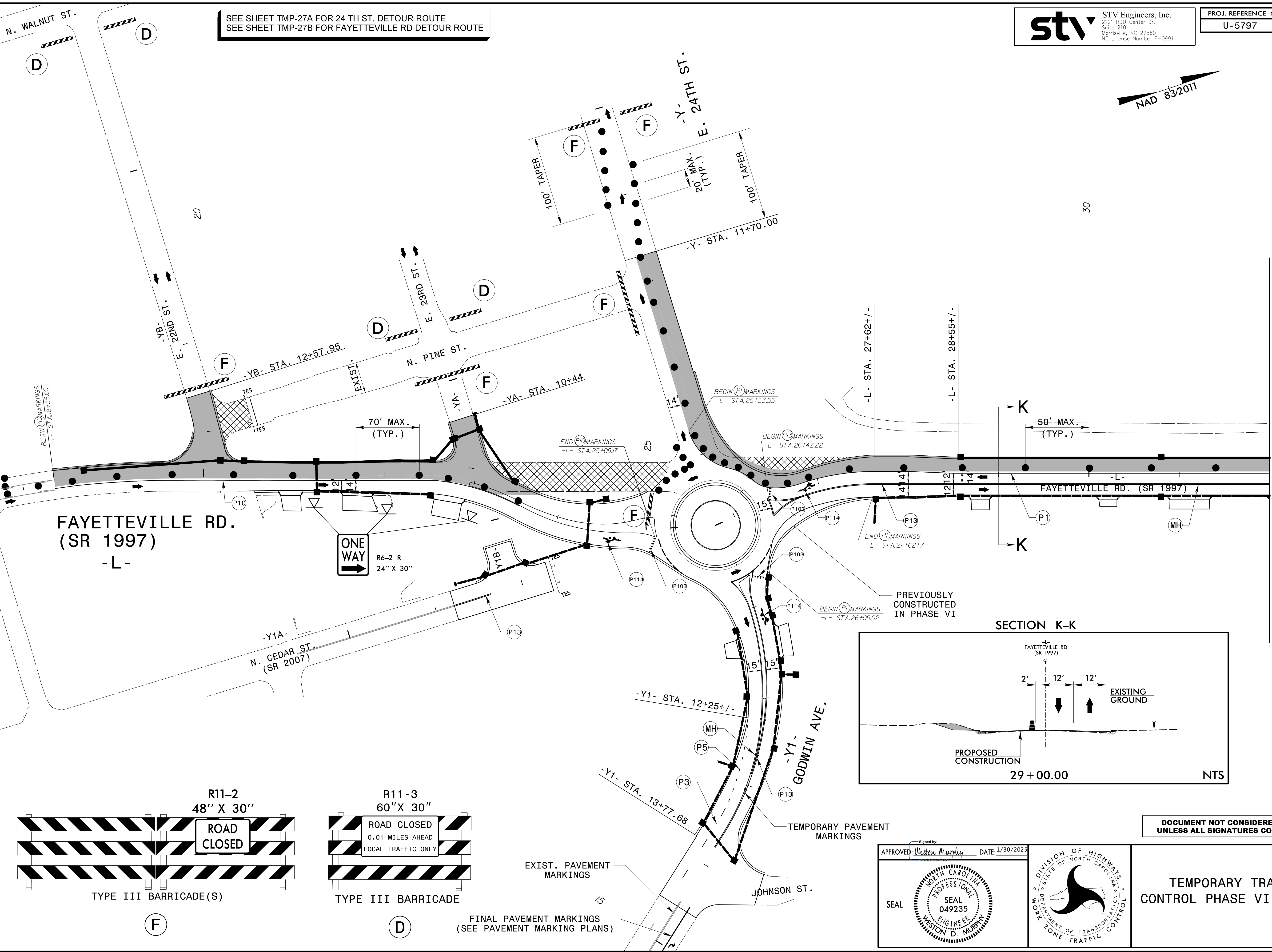
st^v

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2121 RDU Center Dr.
Suite 210
Morrisville, NC 27560
NC License Number F-0991

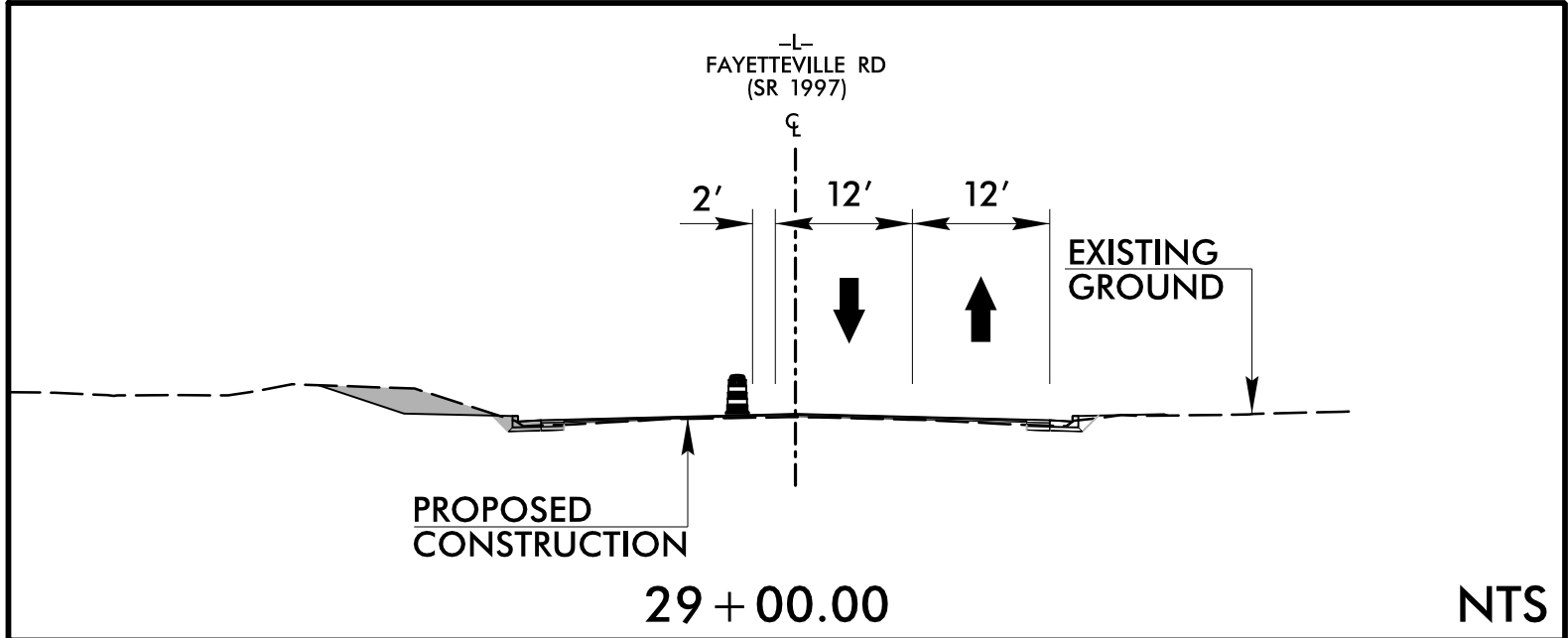
PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-26



MATCHLINE -L- STA. 32+00
SEE SHEET TMP-27



SECTION K-K

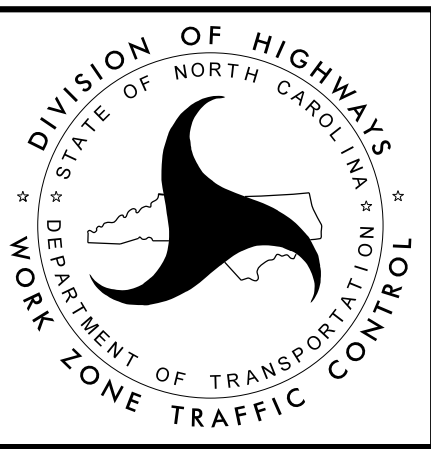


DOCUMENT NOT CONSIDERED FINAL
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049235



TEMPORARY TRAFFIC
CONTROL PHASE VII DETAIL

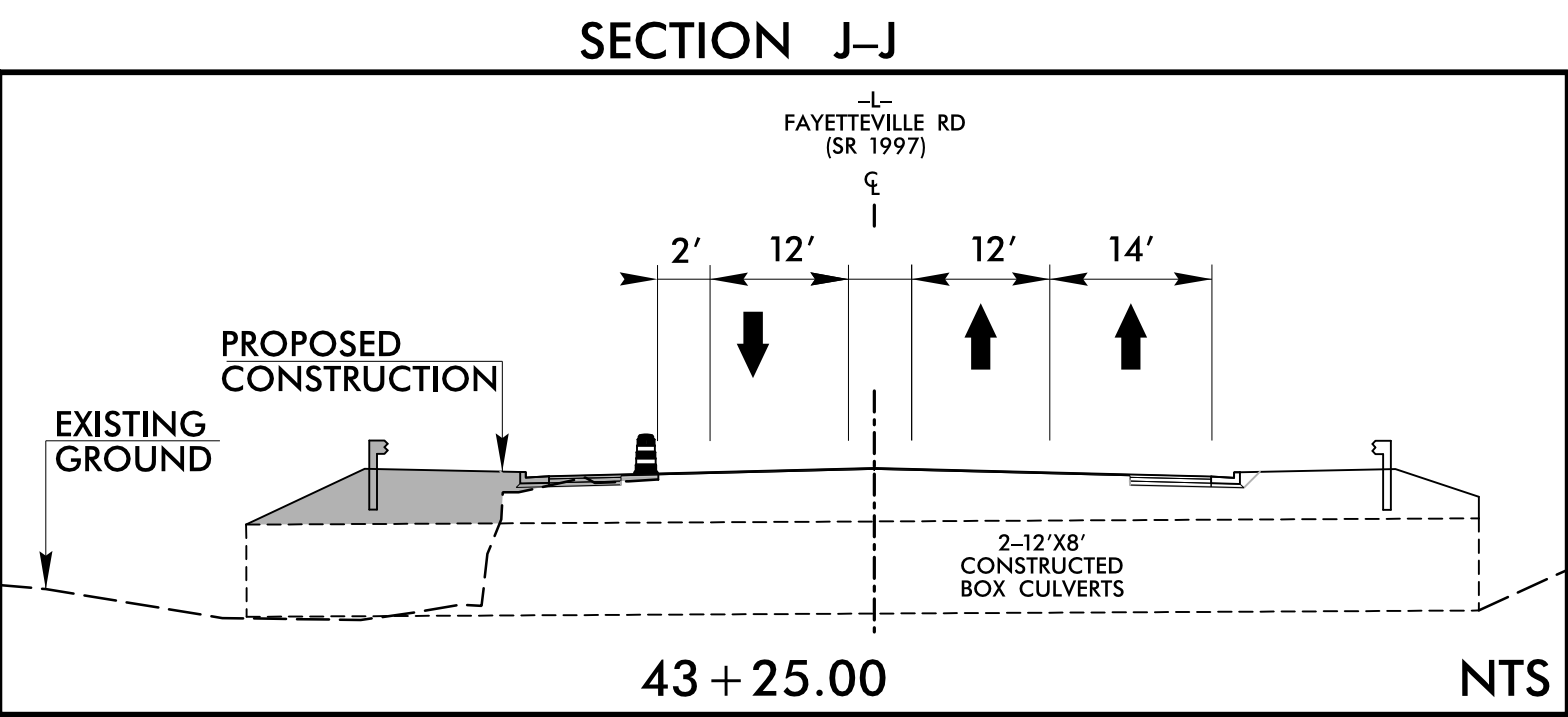
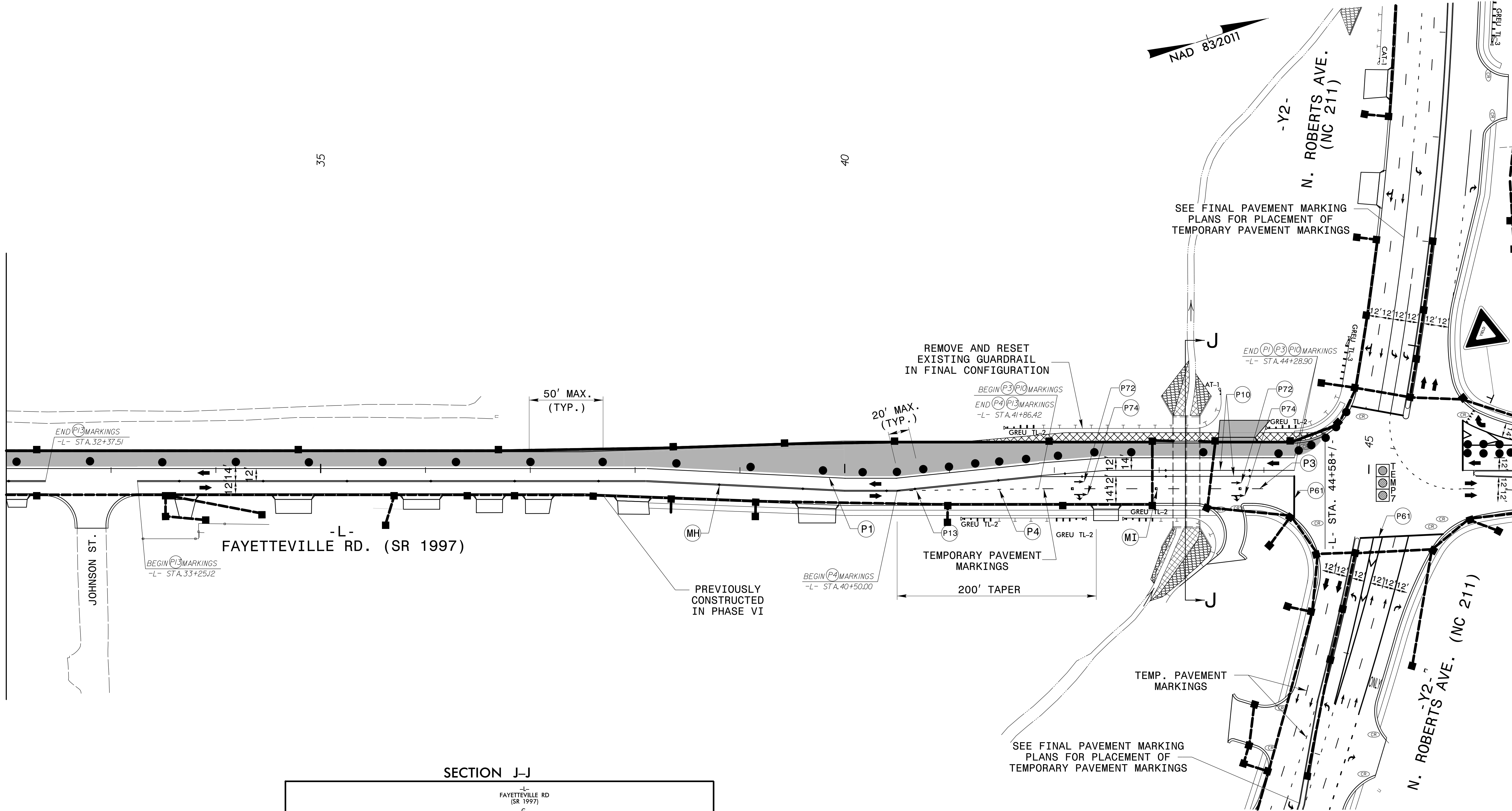
I:\30\2025
RA\TrafficControl\TCP_Sheets\U-5797_TCP_TMP-26_Phase 7.dgn
MurphyWD

st^v

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Suite 210
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NC License Number F-0991

PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-27

MATCHLINE -L- STA.32+00
SEE SHEET TMP-26



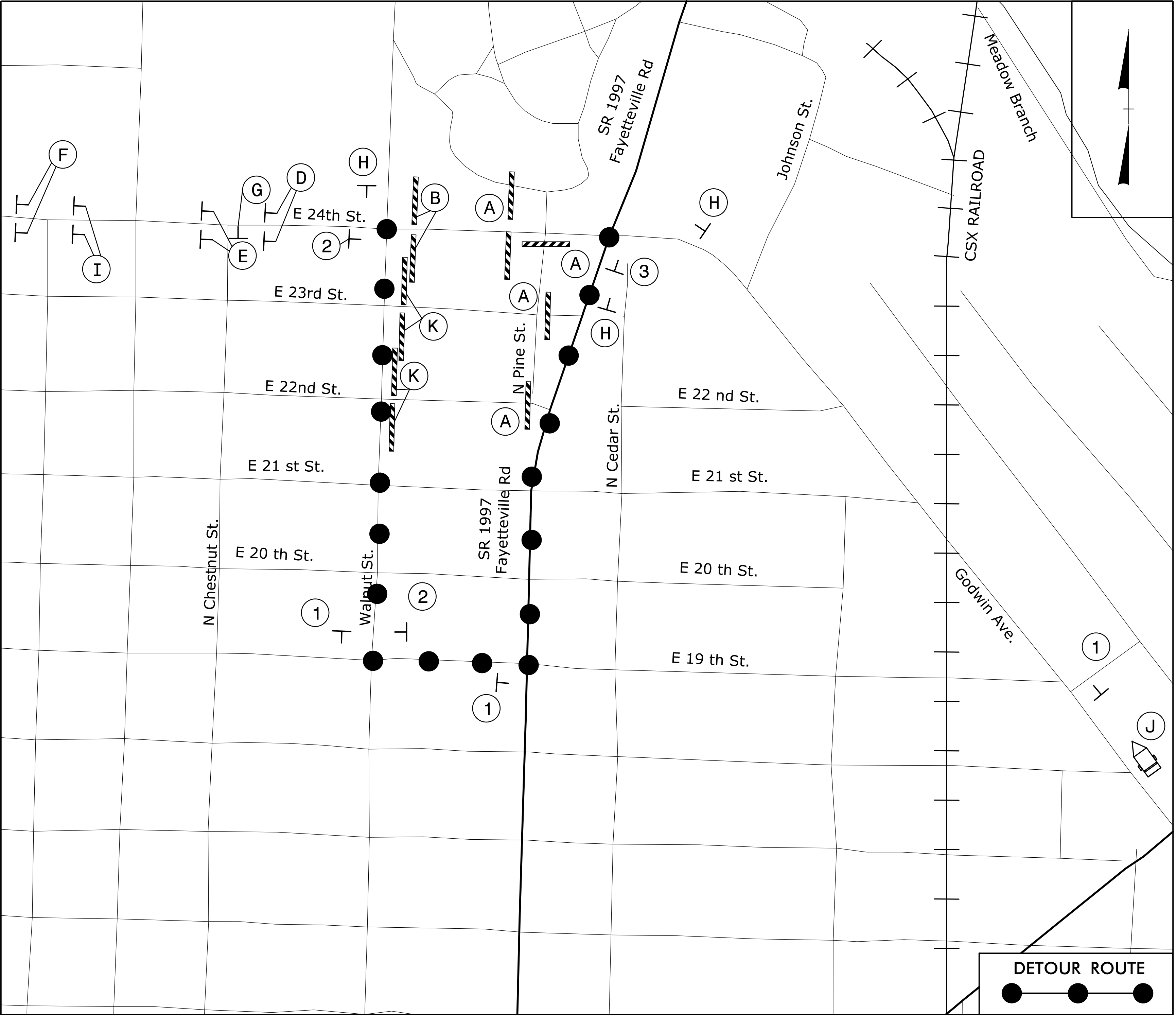
APPROVED: DATE: 12/4/2025

SEAL



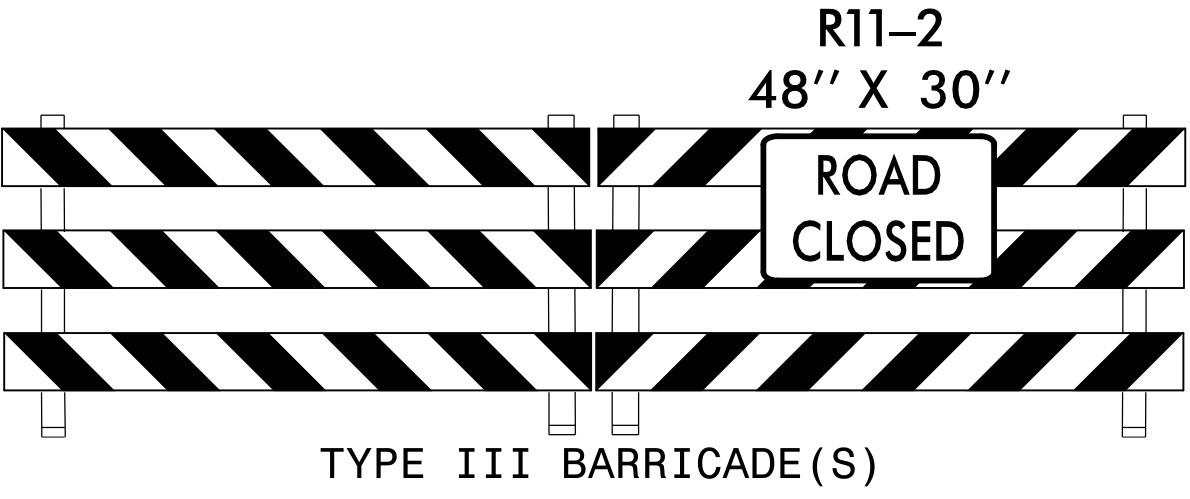
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TEMPORARY TRAFFIC
CONTROL PHASE VII DETAIL

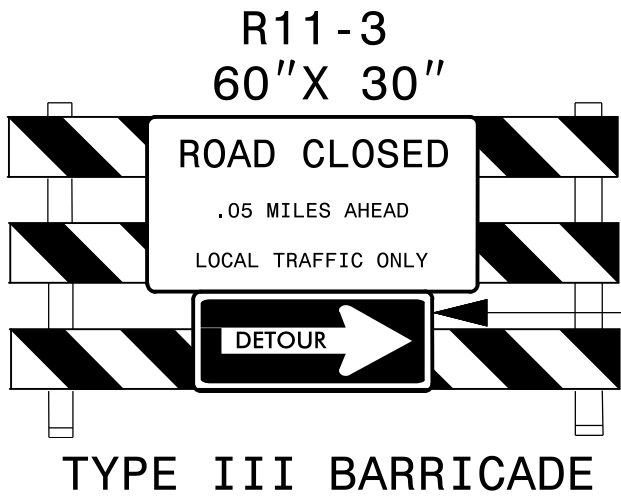


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NC License Number F-0991

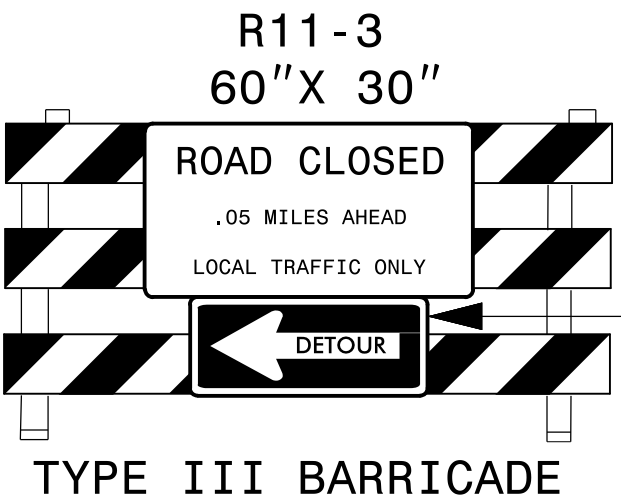
PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-27A



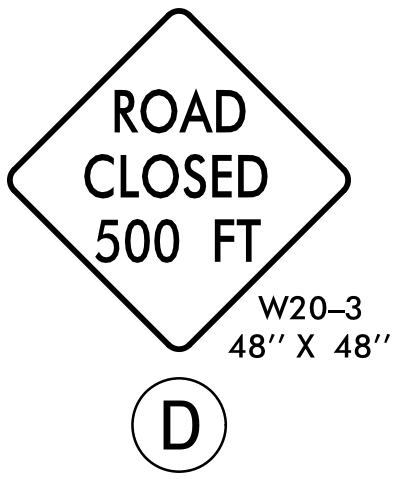
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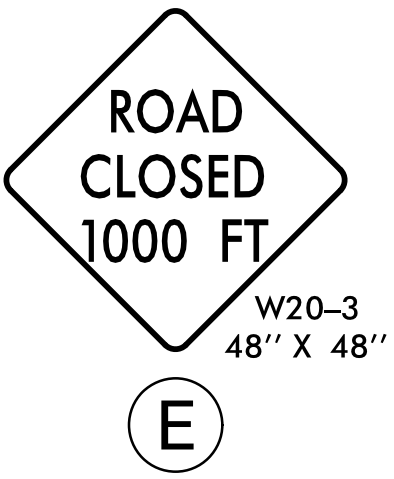
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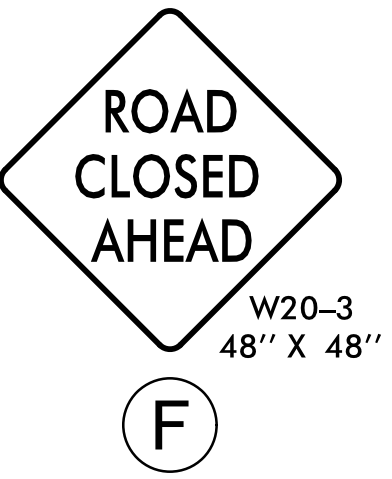
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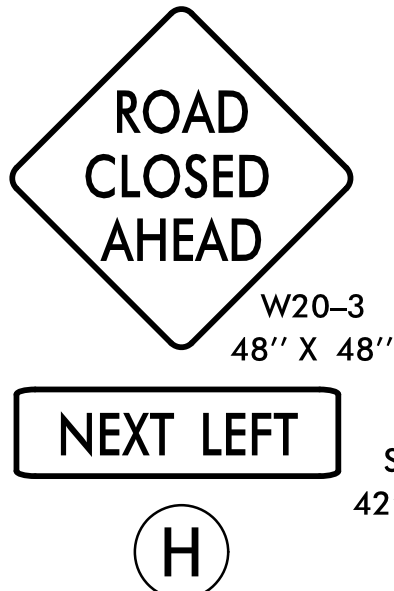
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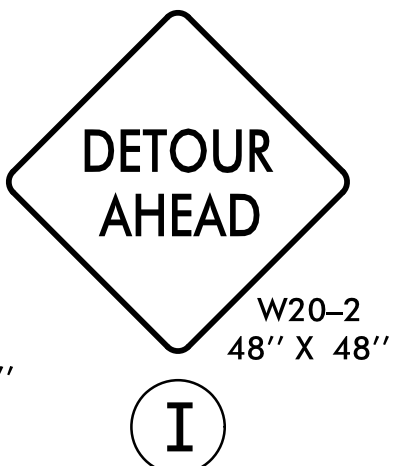
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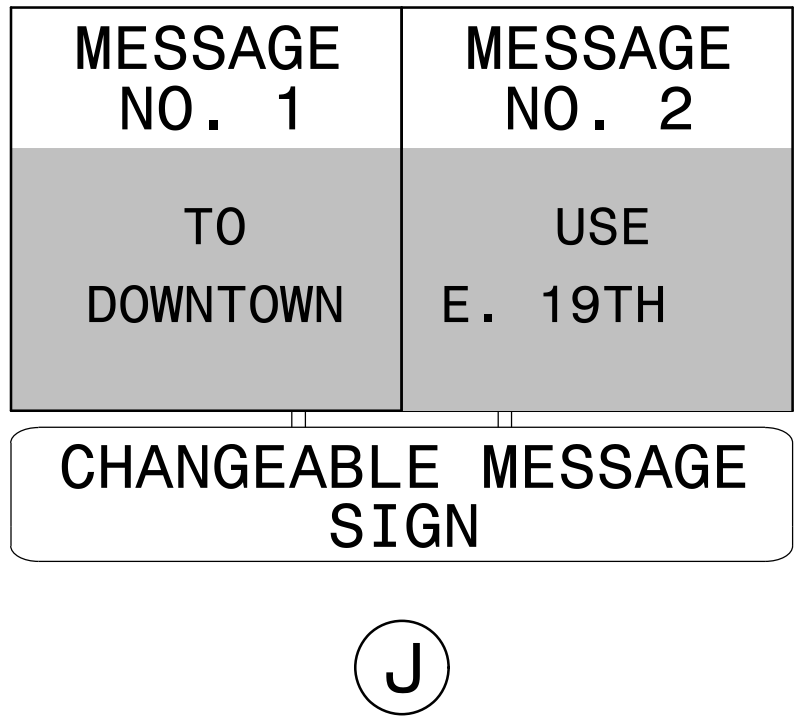
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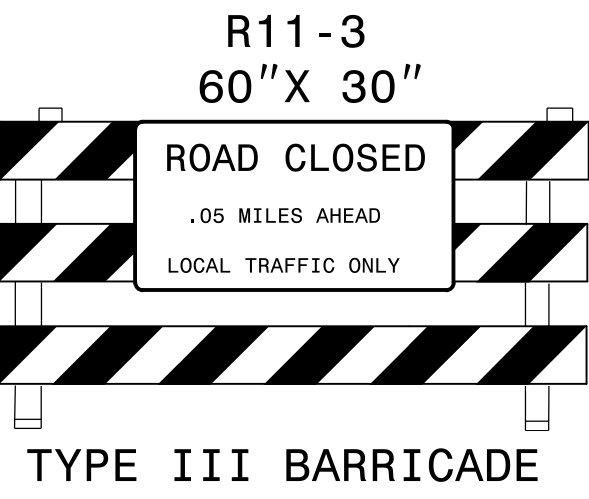
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I

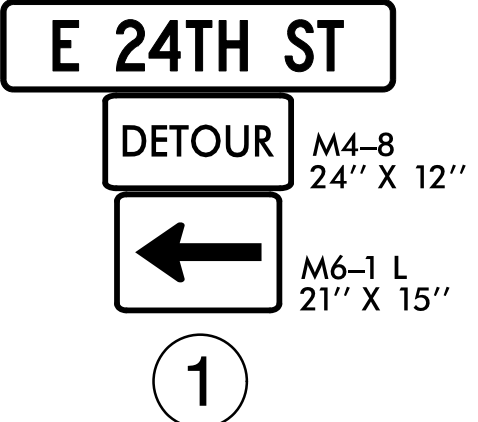


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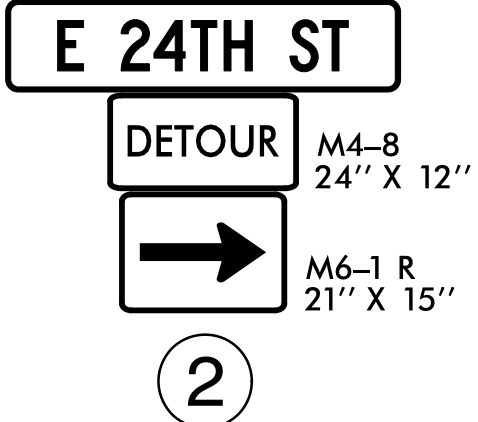


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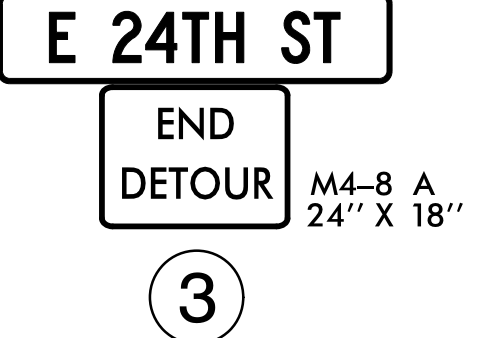
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



1



2



3

SEE SHEET TMP-29 FOR SPECIAL SIGN DESIGN

NOTE:
REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEETS 1 AND 2 OF 9 FOR
GENERAL NOTES, AND SIGN DISTANCES.

APPROVED: DATE: 1/30/2025

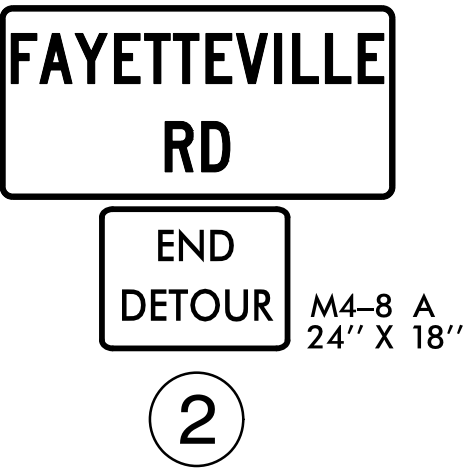
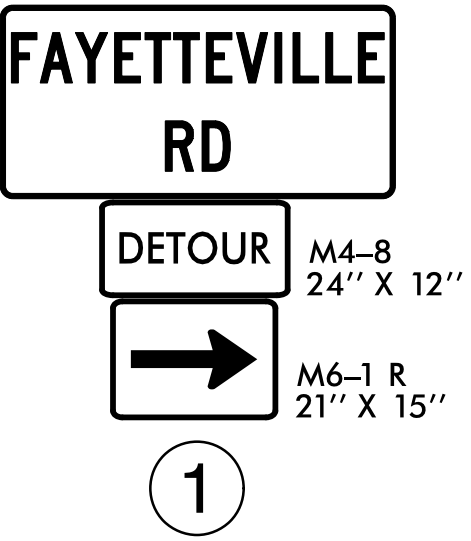
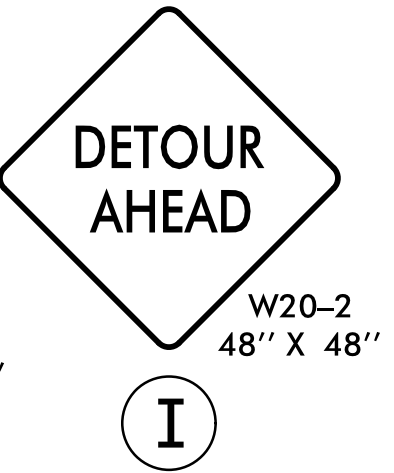
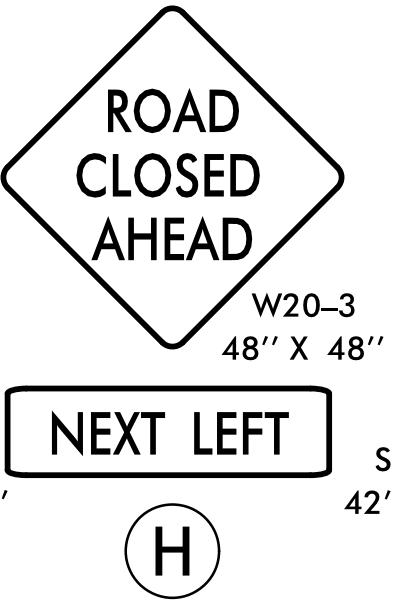
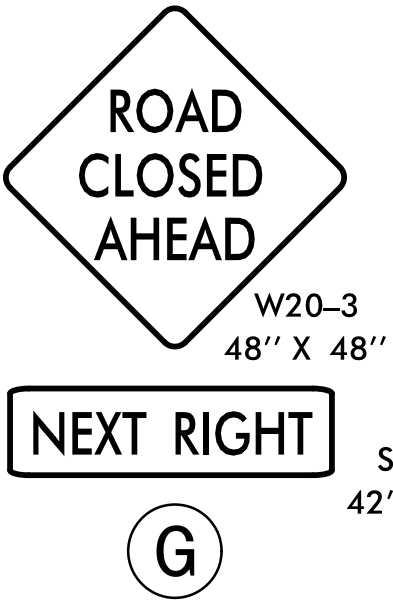
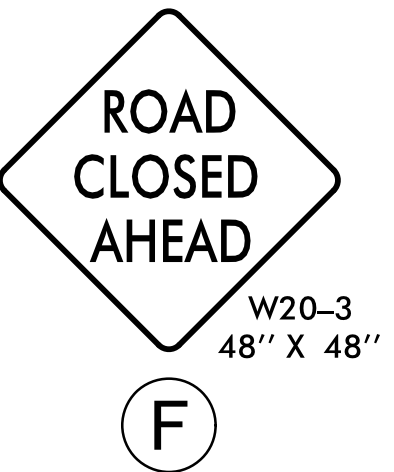
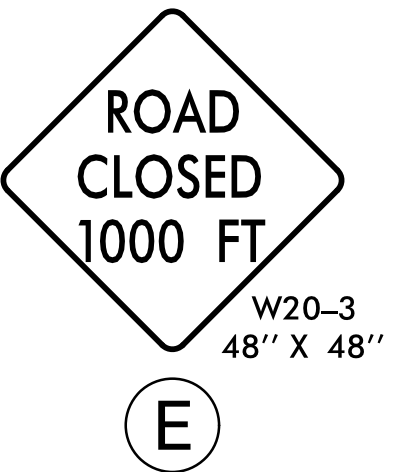
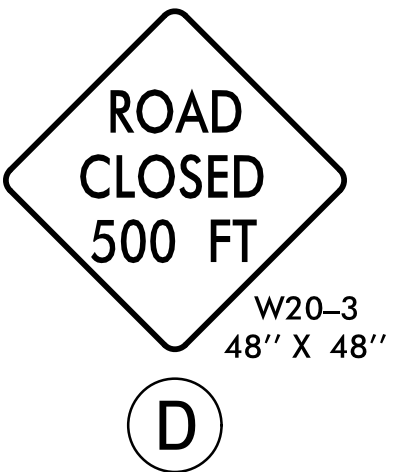
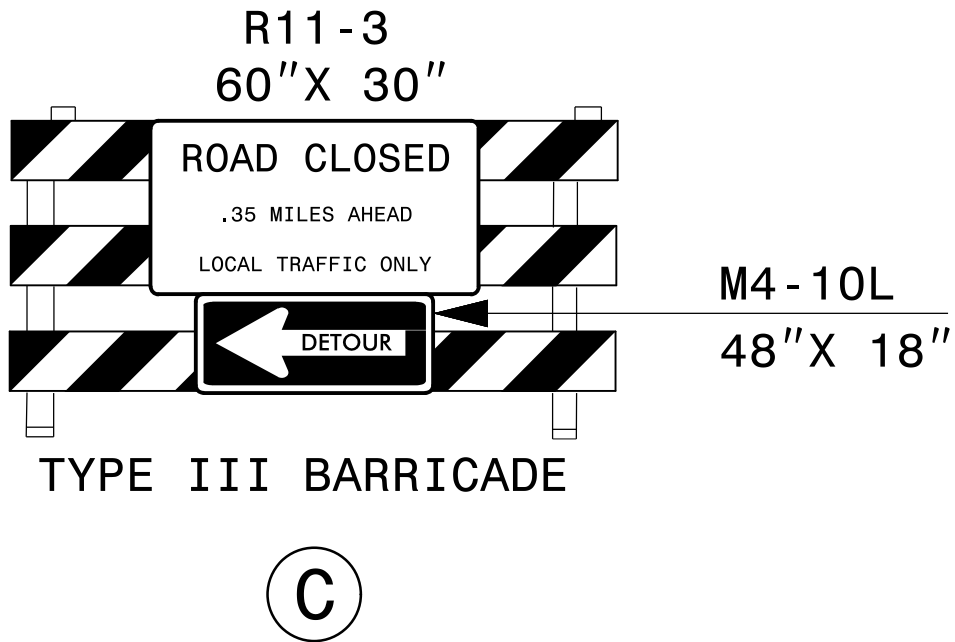
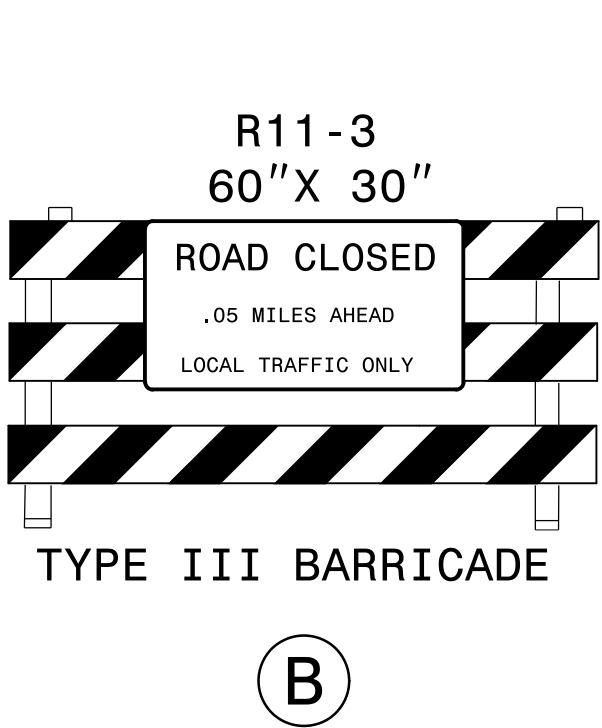
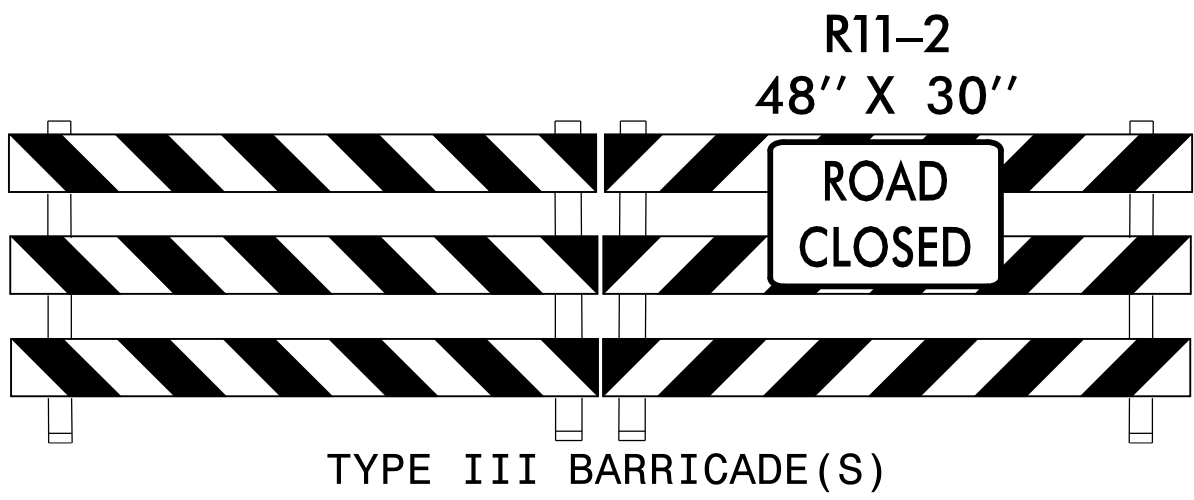
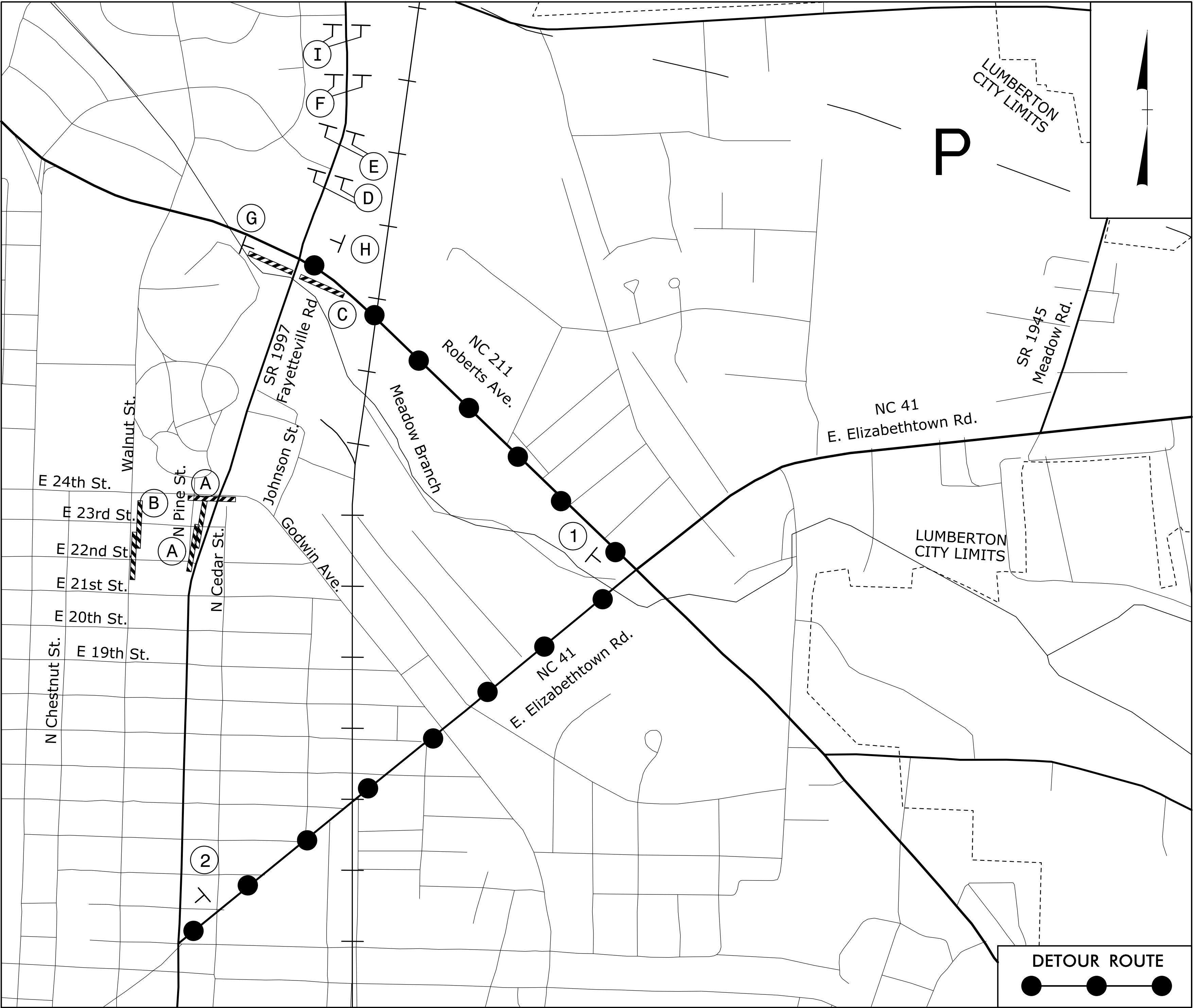


PHASE VII
DETOUR
(E. 24TH ST.)

st^v

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PROJ. REFERENCE NO.	SHEET NO.
U-5797	TMP-27B



SEE SHEET TMP-30 FOR SPECIAL SIGN DESIGN

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NOTE:
REFER TO ROADWAY STANDARD DRAWING 1101.03, SHEETS 1 AND 2 OF 9 FOR
GENERAL NOTES AND SIGN DISTANCES.

APPROVED: W. Stan Murphy DATE: 1/30/2025

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PHASE VII
DETOUR
(FAYETTEVILLE RD.
SOUTHBOUND.)

SIGN NUMBER: I-1 TYPE: D QUANTITY: See Plans SIGN WIDTH: 36" HEIGHT: 24" TOTAL AREA: 6.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.47" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: LENGTH: BACKG COLOR: Orange COPY COLOR: Black <table><tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></table> MAT'L: 0.080" (2.0 mm) ALUMINUM DESIGN BY: JCT PROJECT ID: U-5797 CHECKED BY: PAL DIV: 6 DATE: Jan 4, 2019	SYMBOL	X	Y	WID	HT																																			
SYMBOL	X	Y	WID	HT																																				

36"

24"

GODWIN
AVE

3.75"

6"C

4.5"

6"C

3.75"

5.9"

24.2"

5.9"

BORDER

R=1.5"

TH=0.63"

IN=0.47"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter positions are to the lower left corners																										Series/Size Text Length
G	O	D	W	I	N																					C 2000 / 6
5.9	10.4	15.1	19.2	24.6	26.7																					24.2
A	V	E																								C 2000 / 6
12.1	16.3	20.9																								11.8

NORTH CAROLINA D.O.T. SIGN DETAIL

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MurphyWD

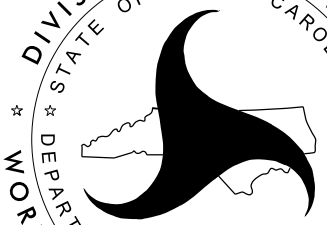
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

APPROVED: *Weston Murphy* DATE: 1/30/2025

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ENGINEER
WESTON D. MURPHY
SEAL
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STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
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SIGN DESIGN
(GODWIN AVE.)

SIGN NUMBER: I-1 TYPE: D QUANTITY: See Plans SIGN WIDTH: 48" HEIGHT: 12" TOTAL AREA: 4.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.47" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: LENGTH: BACKG COLOR: Orange COPY COLOR: Black <table><thead><tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr></thead><tbody><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr><tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr></tbody></table> MAT'L: 0.080" (2.0 mm) ALUMINUM DESIGN BY: JCT PROJECT ID: U-5797 CHECKED BY: PAL DIV: 6 DATE: Jan 4, 2019	SYMBOL	X	Y	WID	HT																														
SYMBOL	X	Y	WID	HT																															

48"

12"

3"

6"C

3"

6.7"

34.6"

6.7"

E 24TH ST

BORDER

R=1.5"

TH=0.63"

IN=0.47"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS																										
Letter positions are to the lower left corners																										
Series/Size Text Length																										
E	2	4	T	H	S	T																		C 2000 / 6		
6.7	9.8	14.3	18.2	22.6	26.5	29.9	34.4	38.3																		34.6

NORTH CAROLINA D.O.T. SIGN DETAIL

I:\30\2025
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MurphyWD

DOCUMENT NOT CONSIDERED FINAL
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APPROVED: *Weston Murphy* DATE: 1/30/2025

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

SIGN DESIGN
(E. 24TH ST.)

SIGN NUMBER: I-1 TYPE: D QUANTITY: See Plans SIGN WIDTH: 48" HEIGHT: 24" TOTAL AREA: 8.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.47" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: LENGTH: BACKG COLOR: Orange COPY COLOR: Black <table><thead><tr><th>SYMBOL</th><th>X</th><th>Y</th><th>WID</th><th>HT</th></tr></thead><tbody><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td><td></td><td></td></tr></tbody></table> MAT'L: 0.080" (2.0 mm) ALUMINUM DESIGN BY: JCT PROJECT ID: U-5797 CHECKED BY: PAL DIV: 6 DATE: Feb 27, 2019	SYMBOL	X	Y	WID	HT																														
SYMBOL	X	Y	WID	HT																															

48"

24"

3.75"

6"C

4.5"

6"C

3.75"

1.8"

44.4"

1.8"

FAYETTEVILLE

RD

BORDER

R=1.5"

TH=0.63"

IN=0.47"

Spacing Factor is 1 unless specified otherwise

Letter positions are to the lower left corners																												Series/Size Text Length		
	F	A	Y	E	T	T	E	V	I	L	L	E																	C 2000 / 6	
	1.8	5.2	9.4	14.1	17.7	21.1	25	28.6	33.2	35.3	39.2	43.1																		44.4
	R	D																												C 2000 / 6
	20.1	24.5																												7.7

NORTH CAROLINA D.O.T. SIGN DETAIL

I:\30\2025
RA\Traffic\TrafficControl\TCP\Sheets\U-5797_TCP_TMP-30_Phase 7.dgn
MurphyWD

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

APPROVED:

Signed by:

Weston Murphy

154630003674188

 DATE: 1/30/2025

SEAL

NORTH CAROLINA

PROFESSIONAL

SEAL

049235

ENGINEER

WESTON D. MURPHY

DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

SIGN DESIGN
(FAYETTEVILLE RD)