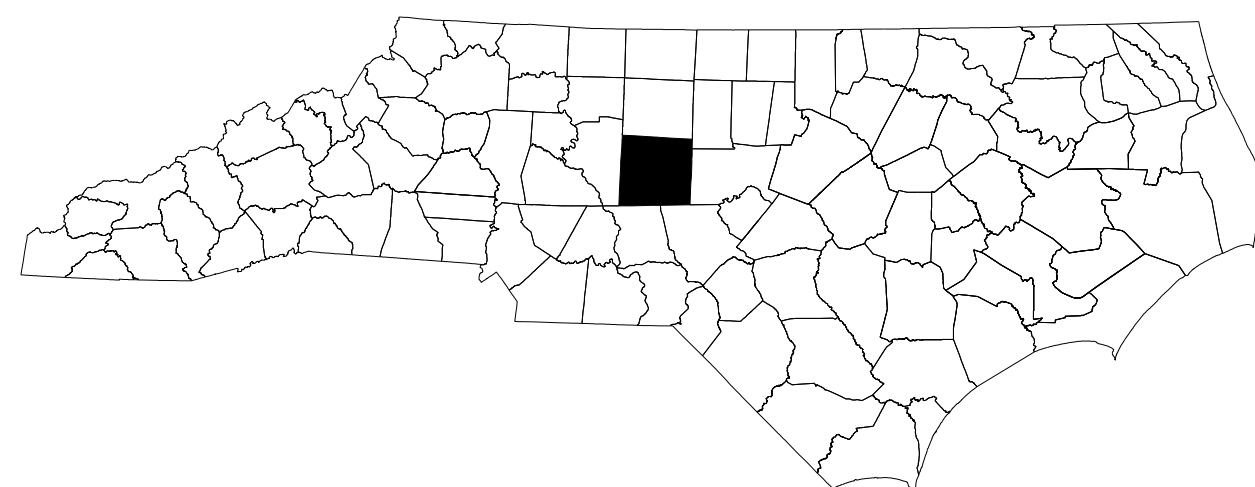


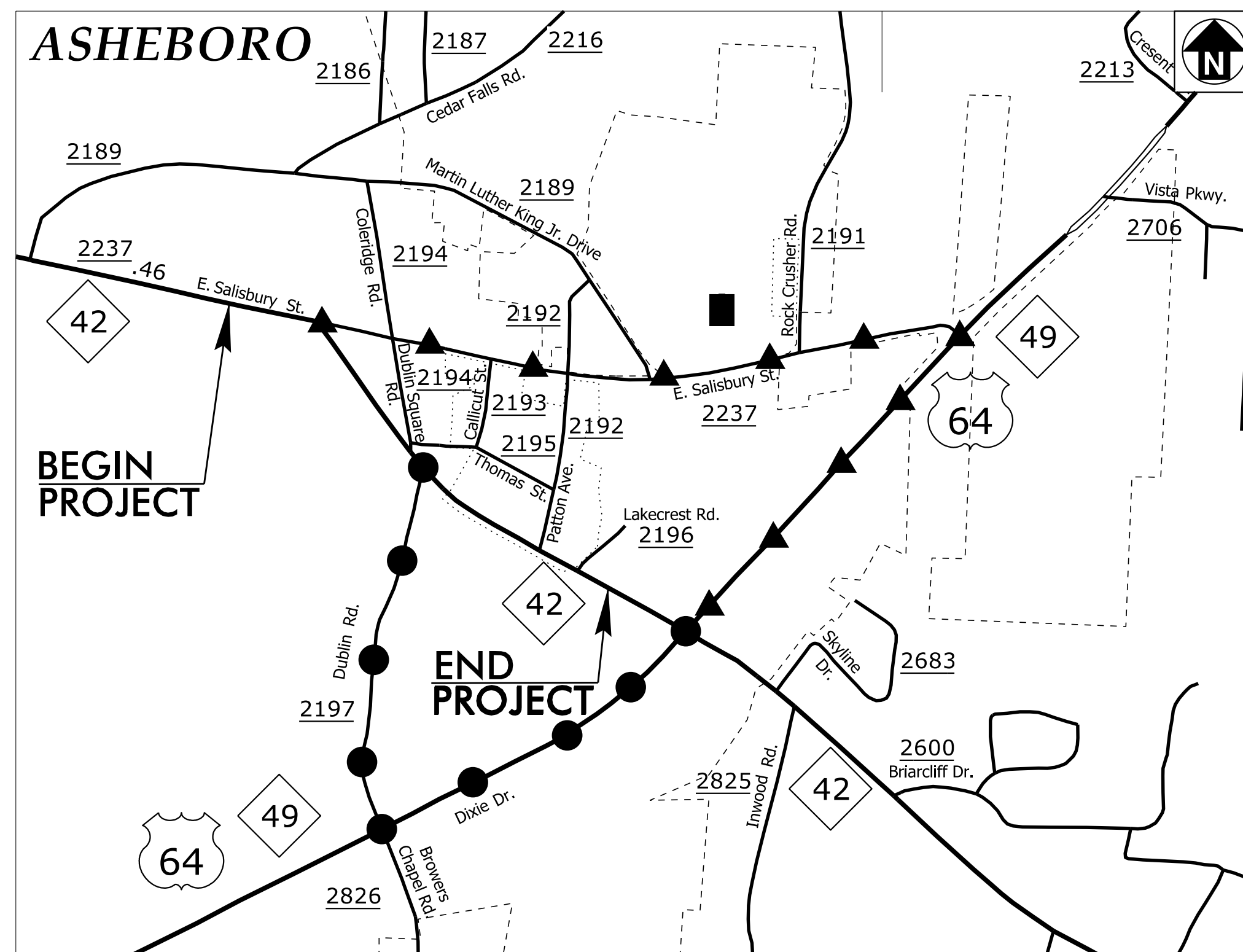
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

RANDOLPH COUNTY



LOCATION: NC 42 FROM SR 2237 (EAST SALISBURY STREET) TO NORTH OF US 64 / NC 49 (DIXIE DRIVE) IN ASHEBORO



VICINITY MAP (NOT TO SCALE)

OFF-SITE DETOUR 1 ▲ — ▲ — ▲ — ▲
OFF-SITE DETOUR 2 ● — ● — ● — ●
(DETOUR FOR CULVERT REPLACEMENT)

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, 1C & 1D	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, AND LOCAL NOTE)
TMP-2 & 2A	NC 42 DETOUR (CULVERT REPLACEMENT)
TMP-2B	DUBLIN RD DETOUR
TMP-2C	SPECIAL SIGN DESIGN
TMP-2D	PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS
TMP-2E	TEMPORARY SHORING DATA
TMP-3 THRU 3A	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4 THRU 7	TEMPORARY TRAFFIC CONTROL PHASE I DETAILS
TMP-8 THRU 11	TEMPORARY TRAFFIC CONTROL PHASE II DETAILS

SHEET NO.
TMP-1

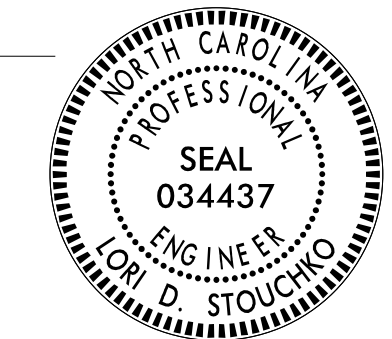
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TIP PROJECT:

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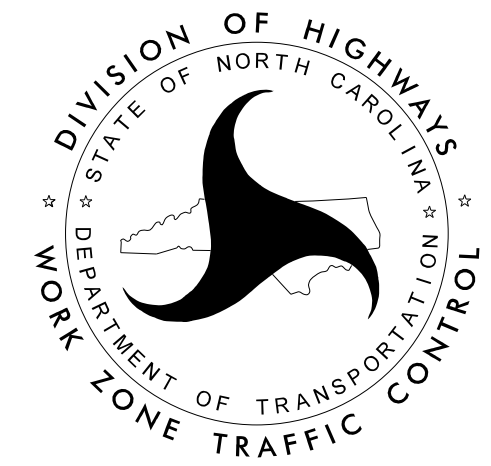
APPROVED: *Lori Stouchko*
DATE: 08-May-2026

SEAL



PLANS PREPARED FOR THE NCDOT BY:
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1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604
MOTT MACDONALD NC LICENSE NO. F-0669
LORI D. STOUCHKO, PE
SENIOR PROJECT ENGINEER

JEFFREY A. STRODER, PE
NCDOT CONTACT



5/8/2026
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User:lso-stouchko

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
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGERS
1160.01	TEMPORARY CRASH CUSHION
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
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

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

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

- 4" PAINT
- P1 WHITE EDGELINE
 - 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

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

- 24" PAINT
- P61 WHITE STOPBAR

- SYMBOLS PAINT
- P70 LEFT TURN ARROW
 - P71 RIGHT TURN ARROW
 - P72 STRAIGHT ARROW

APPROVED:			<p>ROADWAY STANDARD DRAWINGS & LEGEND</p>
DATE: 02-Apr-2026			
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>			

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 User: lso-1stouchko

PROJ. REFERENCE NO.	SHEET NO.
U-5743	TMP-1B

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD I & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604

M MOTT MACDONALD
NC LICENSE NO. F-0669

MANAGEMENT STRATEGIES

- FULL ROADWAY CLOSURES
- SHOULDER CLOSURES
- LANE SHIFTS OR CLOSURES
- ONE-LANE, TWO WAY OPERATION (FLAGGING)
- OFF-SITE DETOURS/USE OF ALTERNATIVE ROUTES
- WORK HOUR RESTRICTIONS FOR PEAK TRAVEL
- INTERMEDIATE CONTRACT TIMES/LIQUIDATED DAMAGES

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

- ROAD NAME
- All Roads
- HOLIDAY

1. FOR ANY UNEXPECTED OCCURRENCE THAT CREATES UNUSUALLY HIGH TRAFFIC VOLUMES, AS DIRECTED BY THE ENGINEER.
2. FOR NEW YEAR'S, BETWEEN THE HOURS OF 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.
3. FOR EASTER, BETWEEN THE HOURS OF 7:00 A.M. THURSDAY AND 6:00 P.M. MONDAY.
4. FOR MEMORIAL DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY TO 6:00 P.M. TUESDAY.
5. 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.

6. FOR LABOR DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY AND 6:00 P.M. TUESDAY.
7. FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 A.M. TUESDAY TO 6:00 P.M. MONDAY.
8. 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.
9. FOR THE ASHEBORO ANNUAL FALL FESTIVAL, OCCURRING AT DOWNTOWN ASHEBORO ON THE FIRST WEEKEND OF OCTOBER BETWEEN 3 HOURS BEFORE THE START AND 3 HOURS AFTER THE END OF THE ASHEBORO ANNUAL FALL FESTIVAL

GENERAL NOTES

CHANGES MAY BE REQUIRED WHEN PHYSICAL DIMENSIONS IN THE DETAIL DRAWINGS, STANDARD DETAILS, AND ROADWAY DETAILS ARE NOT ATTAINABLE TO MEET FIELD CONDITIONS OR RESULT IN DUPLICATE OR UNDESIRED OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

THE FOLLOWING GENERAL NOTES APPLY AT ALL TIMES FOR THE DURATION OF THE CONSTRUCTION PROJECT EXCEPT WHEN OTHERWISE NOTED IN THE PLAN OR DIRECTED BY THE ENGINEER.

TIME RESTRICTIONS

A) DO NOT CLOSE OR NARROW TRAVEL LANE AS FOLLOWS:

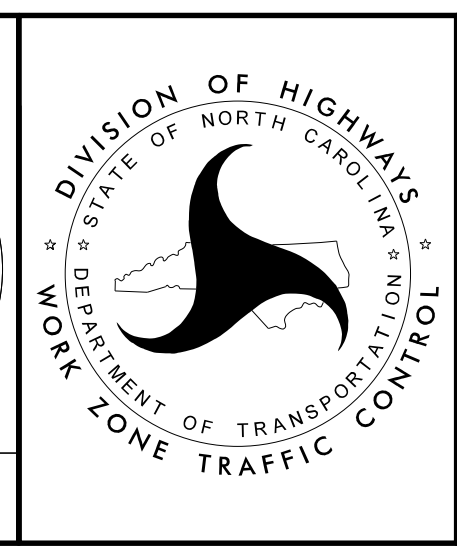
ROAD NAME	DAY AND TIME RESTRICTIONS
NC 42	MONDAY THRU FRIDAY 7:00 AM TO 9:00 AM 4:00 PM TO 6:00 PM

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APPROVED: *Lori Stouchko*
FF586CT596C645A

DATE: 08-May-2026

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TRANSPORTATION OPERATIONS PLAN

PROJ. REFERENCE NO.	SHEET NO.
U-5743	TMP-1C

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD I & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604

M MOTT MACDONALD
NC LICENSE NO. F-0669

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

LANE AND SHOULDER CLOSURE REQUIREMENTS

- D) 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.
- E) 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.
- F) 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.
- G) 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.
- H) 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.
- I) DO NOT INSTALL MORE THAN 1 MILE OF LANE CLOSURE ON ANY ROAD MEASURED FROM THE BEGINNING OF THE MERGE TAPER TO THE END OF THE LANE CLOSURE.
- J) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON ANY ROAD.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- K) 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.
- L) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 350 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- N) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- O) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.
- P) 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.
- Q) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- R) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 350 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

- S) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRANSPORTATION MANAGEMENT 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 TRANSPORTATION MANAGEMENT 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 TRANSPORTATION MANAGEMENT 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.

LOCAL NOTE

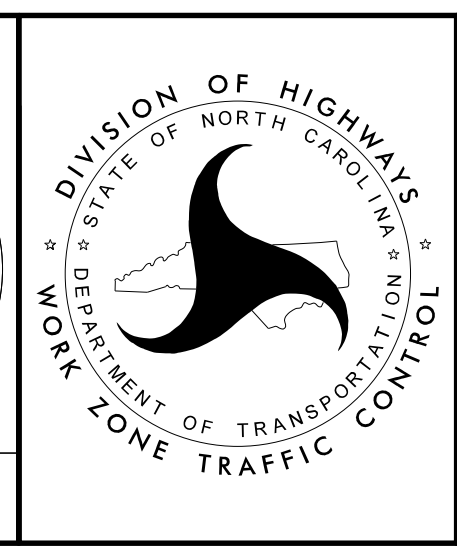
YMCA WILL BE CONTACTED AT (336)625-1976 TO COORDINATE THAT THE ROAD CLOSURE DOES NOT OCCUR DURING YMCA EVENTS.

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User:iso-1stouchko

APPROVED: *Lori Stouchko*
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DATE: 08-May-2026

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TRANSPORTATION
OPERATIONS
PLAN

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD I & E, LLC
 1101 HAYNES STREET, SUITE 101
 RALEIGH, NC 27604
M MOTT MACDONALD
 NC LICENSE NO. F-0669

- U) 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 ATTENUATOR (MAXIMUM 72 HOURS) OR A TEMPORARY CRASH CUSHION.

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: (SEE ALSO 1101.05)

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

- V) 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.
- W) PLACE TYPE III BARRICADES, WITH "ROAD CLOSED" SIGN R11-2 ATTACHED, OF SUFFICIENT LENGTH TO CLOSE ENTIRE ROADWAY.
- X) 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

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

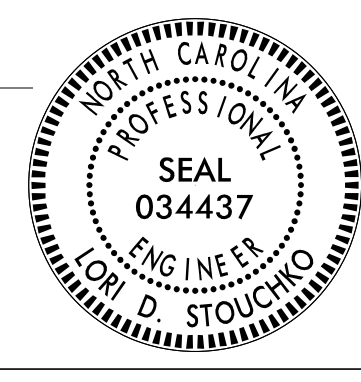

ROAD NAME	MARKING	MARKER
ALL ROADS	PAINT	TEMPORARY RAISED

- Z) 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.
- AA) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- BB) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- CC) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION

MISCELLANEOUS

- DD) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- EE) 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) 700 FT AND 350 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.
- FF) 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.
- GG) 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.).

2/9/2026
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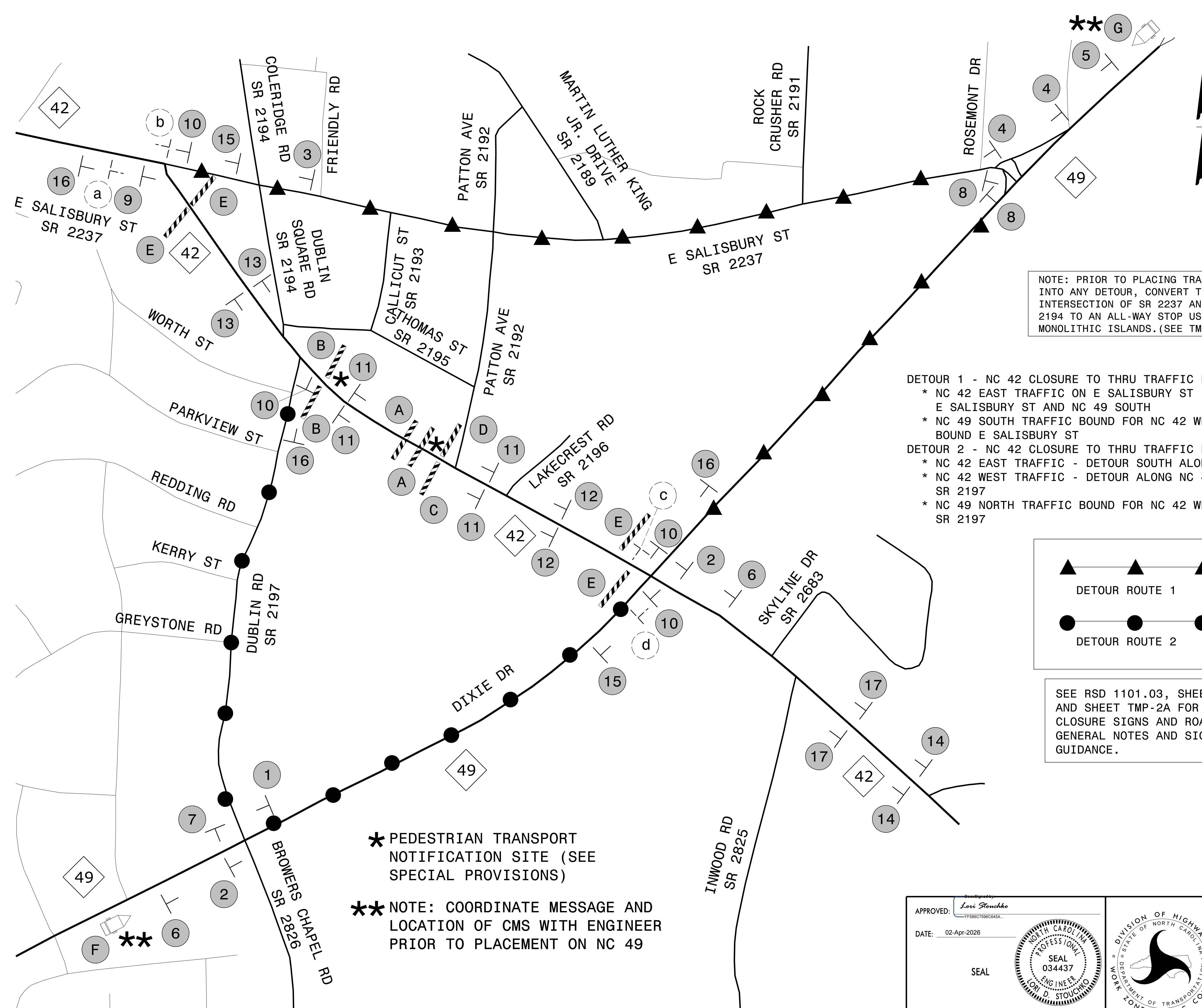
<p>APPROVED: <i>Lori Stouchko</i> <small>FF588C7596C45A</small></p> <p>DATE: 02-Apr-2026</p> <p>SEAL</p> 		<p style="text-align: center;">TRANSPORTATION OPERATIONS PLAN</p>
<p style="text-align: center;">DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		

PLANS PREPARED FOR THE NCDOT BY:

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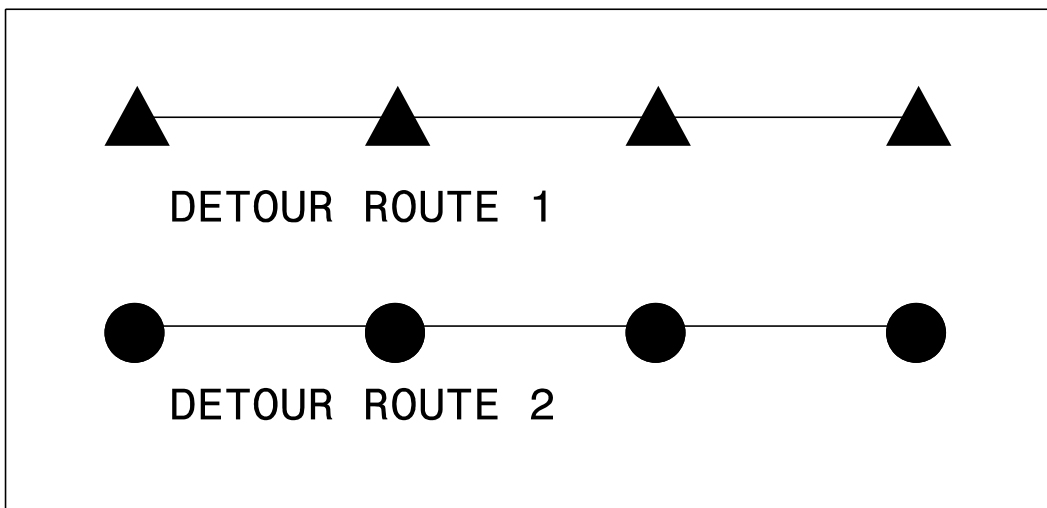
M MOTT MACDONALD NC LICENSE NO. F-0669

2/9/2026
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User: fiso-1stouchko



NOTE: PRIOR TO PLACING TRAFFIC INTO ANY DETOUR, CONVERT THE INTERSECTION OF SR 2237 AND SR 2194 TO AN ALL-WAY STOP USING MONOLITHIC ISLANDS. (SEE TMP-5)

- DETOUR 1 - NC 42 CLOSURE TO THRU TRAFFIC FROM E SALISBURY ST TO NC 49
- * NC 42 EAST TRAFFIC ON E SALISBURY ST - DETOUR EAST ALONG E SALISBURY ST AND NC 49 SOUTH
 - * NC 49 SOUTH TRAFFIC BOUND FOR NC 42 WEST - DETOUR USING WEST BOUND E SALISBURY ST
- DETOUR 2 - NC 42 CLOSURE TO THRU TRAFFIC FROM SR 2197 TO NC 49
- * NC 42 EAST TRAFFIC - DETOUR SOUTH ALONG SR 2197 AND NC 49 NORTH
 - * NC 42 WEST TRAFFIC - DETOUR ALONG NC 49 SOUTH AND NORTH ALONG SR 2197
 - * NC 49 NORTH TRAFFIC BOUND FOR NC 42 WEST - DETOUR NORTH USING SR 2197



SEE RSD 1101.03, SHEET 1 OF 9 AND SHEET TMP-2A FOR ROAD CLOSURE SIGNS AND ROAD CLOSURE GENERAL NOTES AND SIGN PLACEMENT GUIDANCE.

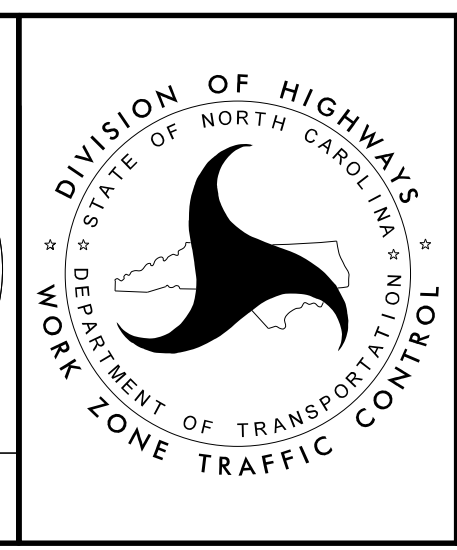
- * PEDESTRIAN TRANSPORT NOTIFICATION SITE (SEE SPECIAL PROVISIONS)
- ** NOTE: COORDINATE MESSAGE AND LOCATION OF CMS WITH ENGINEER PRIOR TO PLACEMENT ON NC 49

APPROVED: *Lois Stouchko*
FF586CT596C45A...

DATE: 02-Apr-2026

SEAL

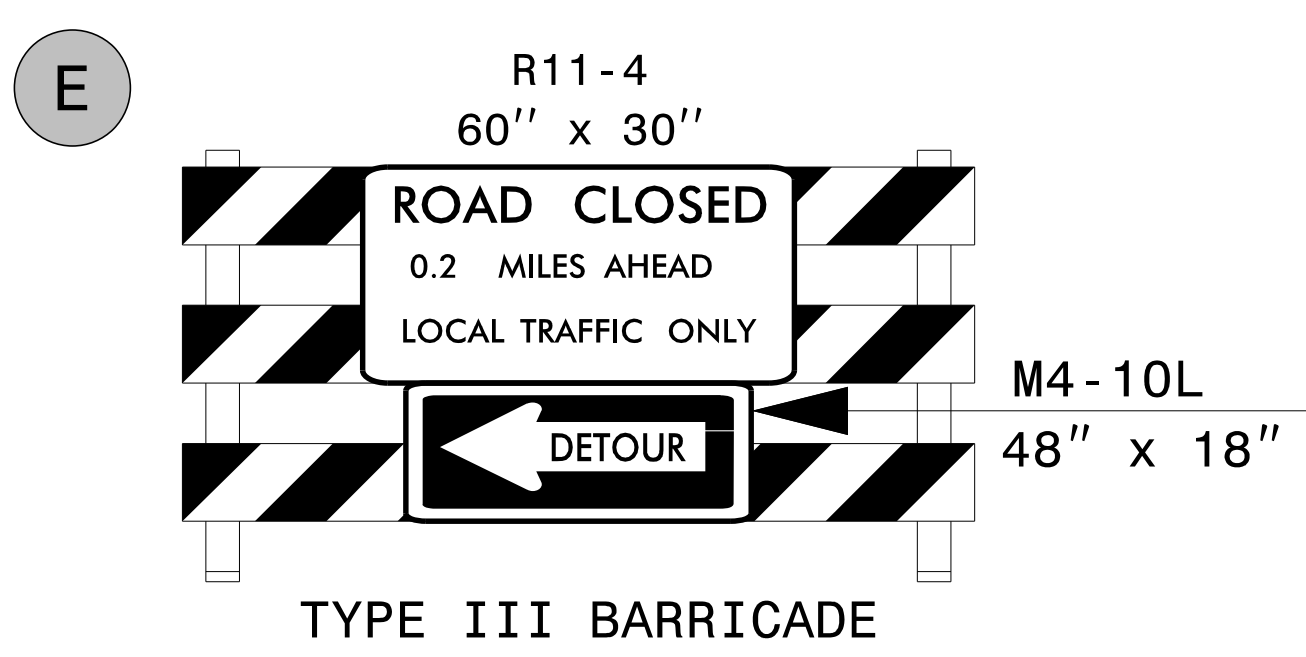
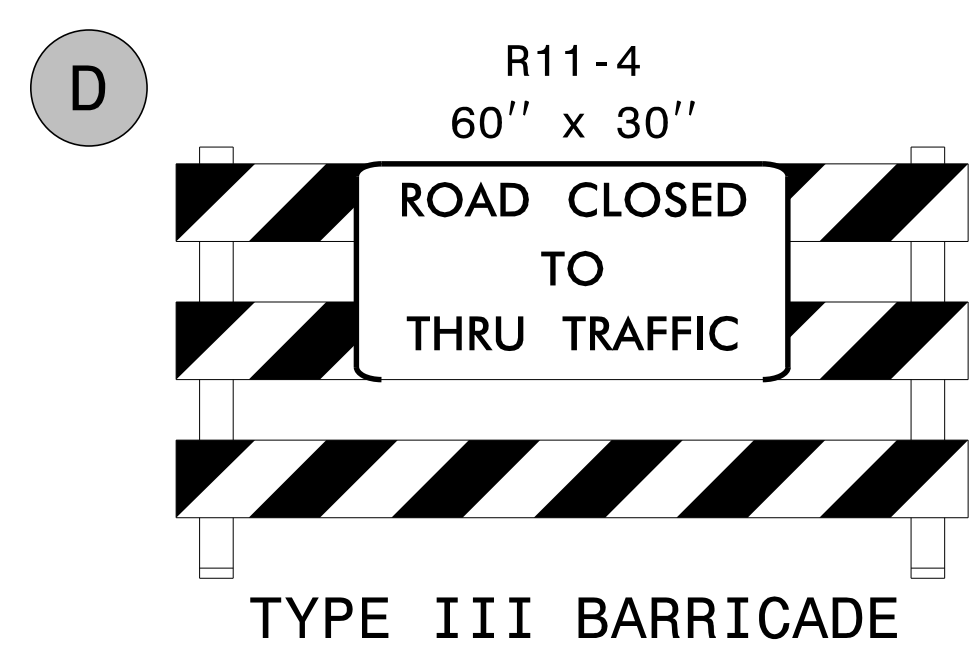
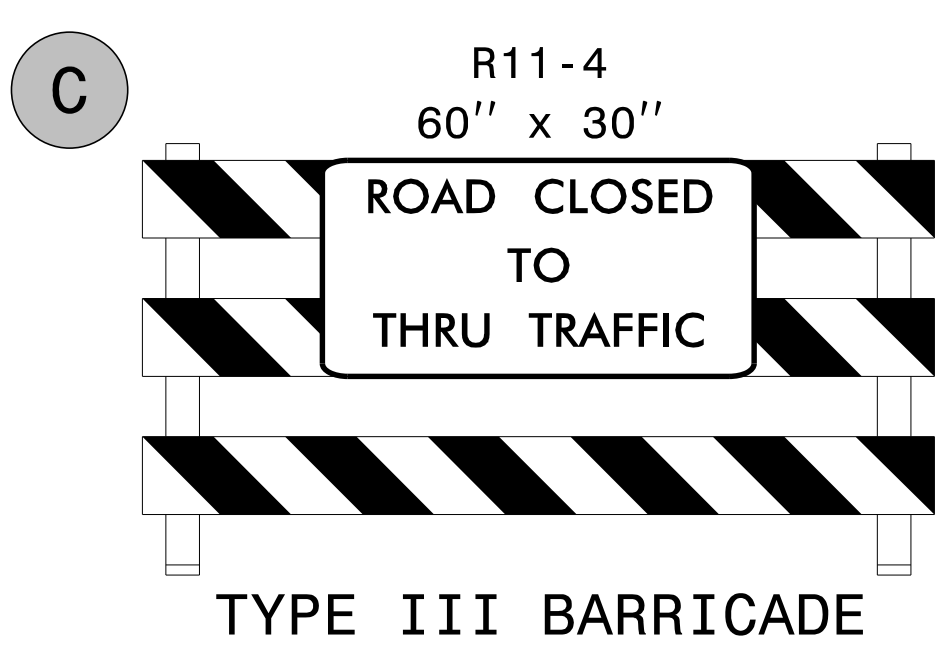
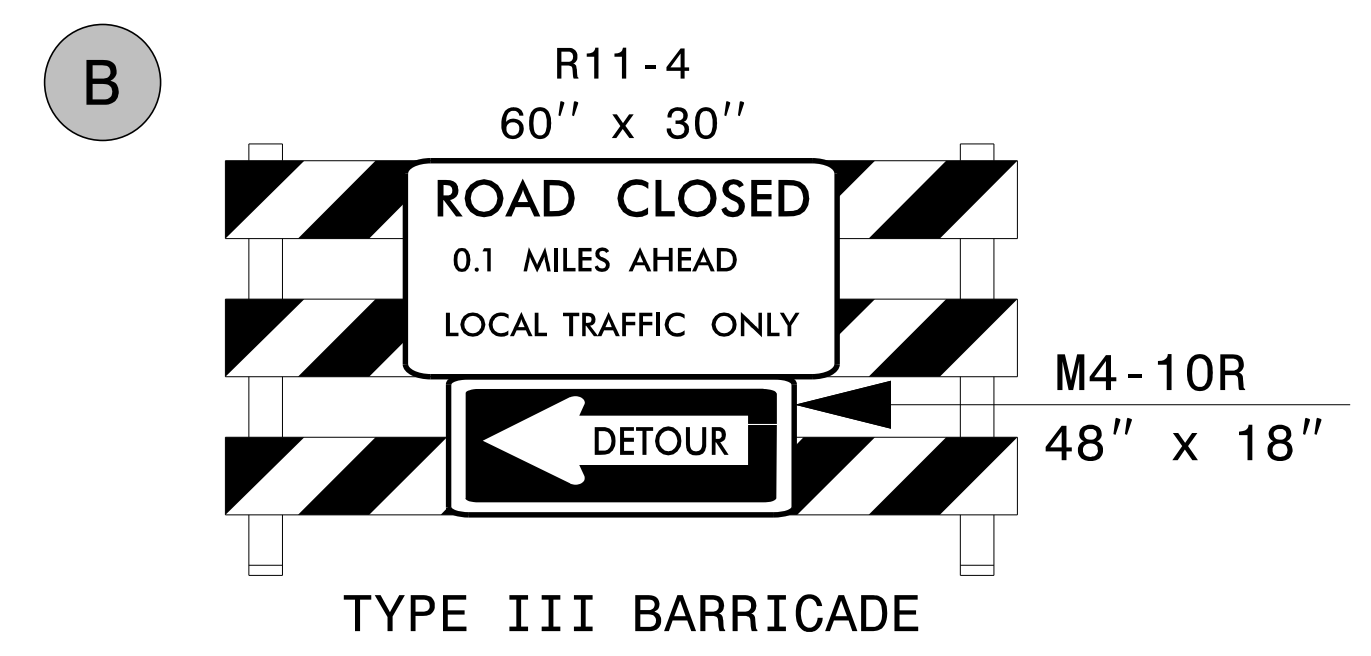
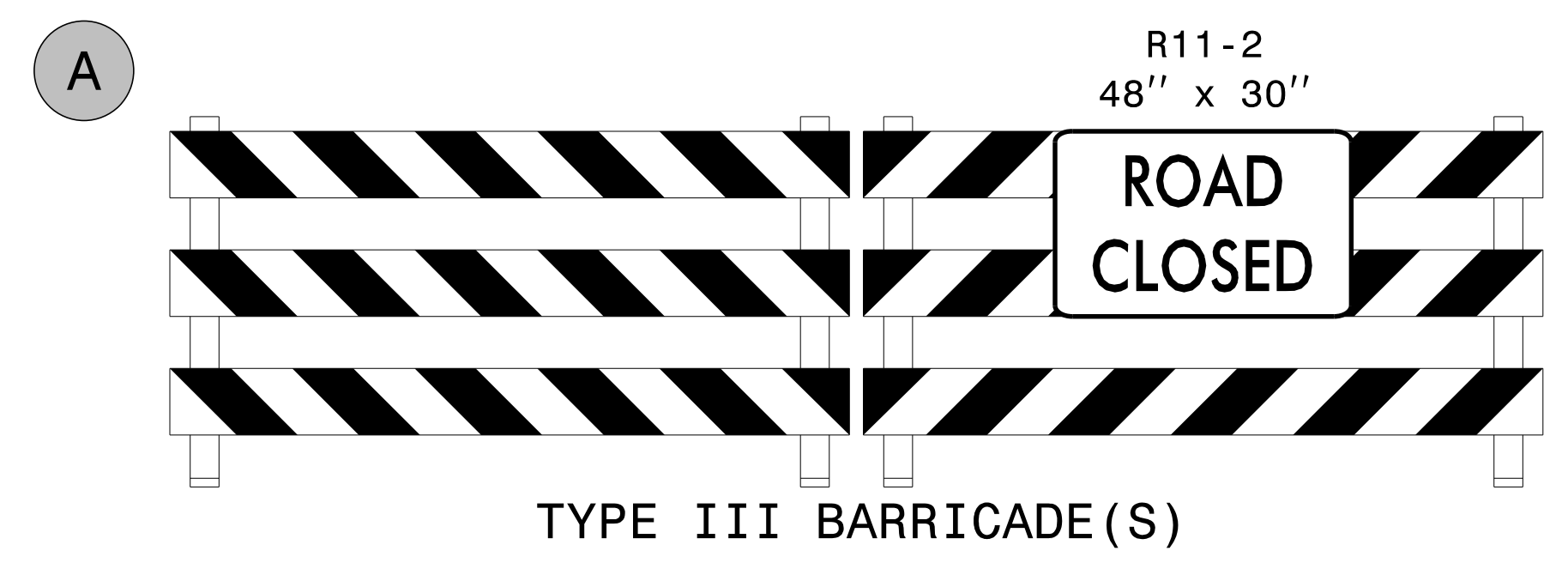
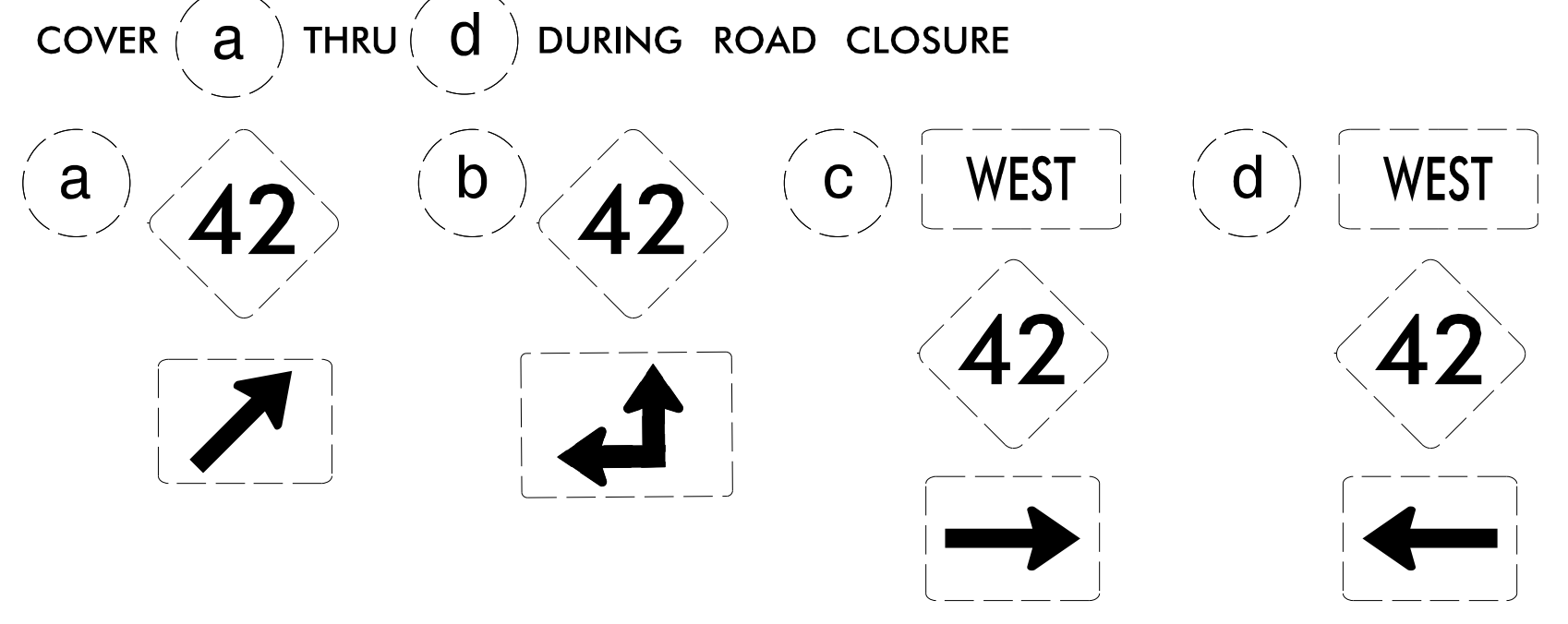
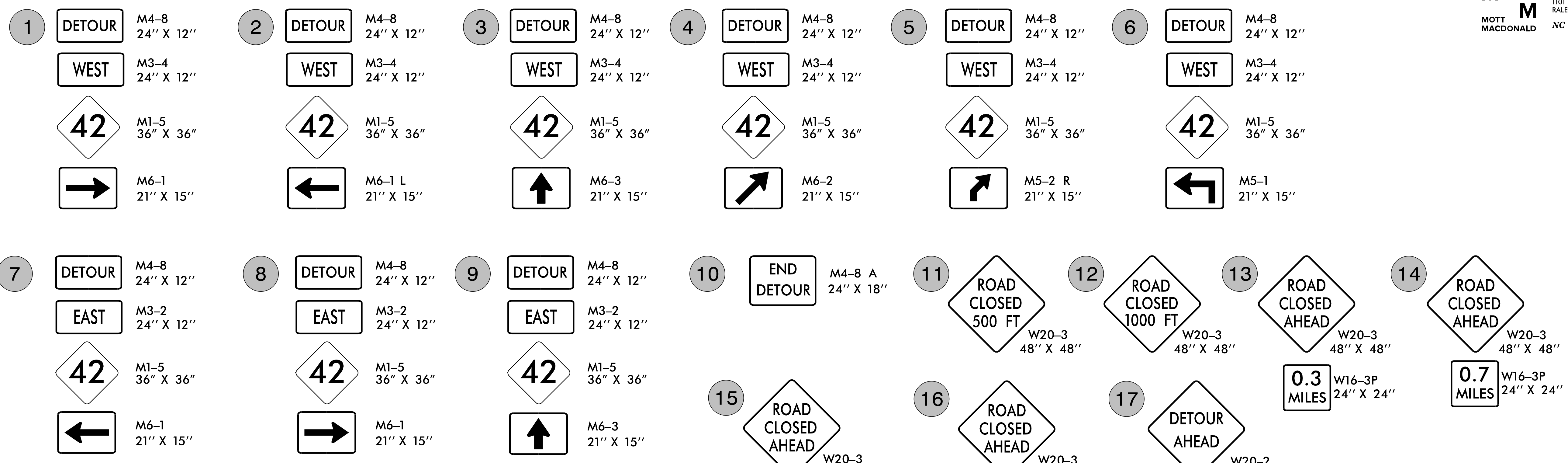
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL
NC 42 DETOUR
(CULVERT REPLACEMENT)

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD I & E, LLC
1101 HAYNES STREET, SUITE 101
RALEIGH, NC 27604
NC LICENSE NO. F-0669



14 DAYS PRECEDING ROAD CLOSURE

F	MESSAGE NO. 1	MESSAGE NO. 2	G	MESSAGE NO. 1	MESSAGE NO. 2
	NC 42 W CLOSED	STARTING XX/XX/XX		NC 42 W CLOSED	STARTING XX/XX/XX
CHANGEABLE MESSAGE SIGN		CHANGEABLE MESSAGE SIGN			

DURING ROAD CLOSURE

F	MESSAGE NO. 1	MESSAGE NO. 2	G	MESSAGE NO. 1	MESSAGE NO. 2
	NC 42 W CLOSED	DETOUR NEXT RIGHT		NC 42 W CLOSED	LEFT NEXT SIGNAL
CHANGEABLE MESSAGE SIGN		CHANGEABLE MESSAGE SIGN			

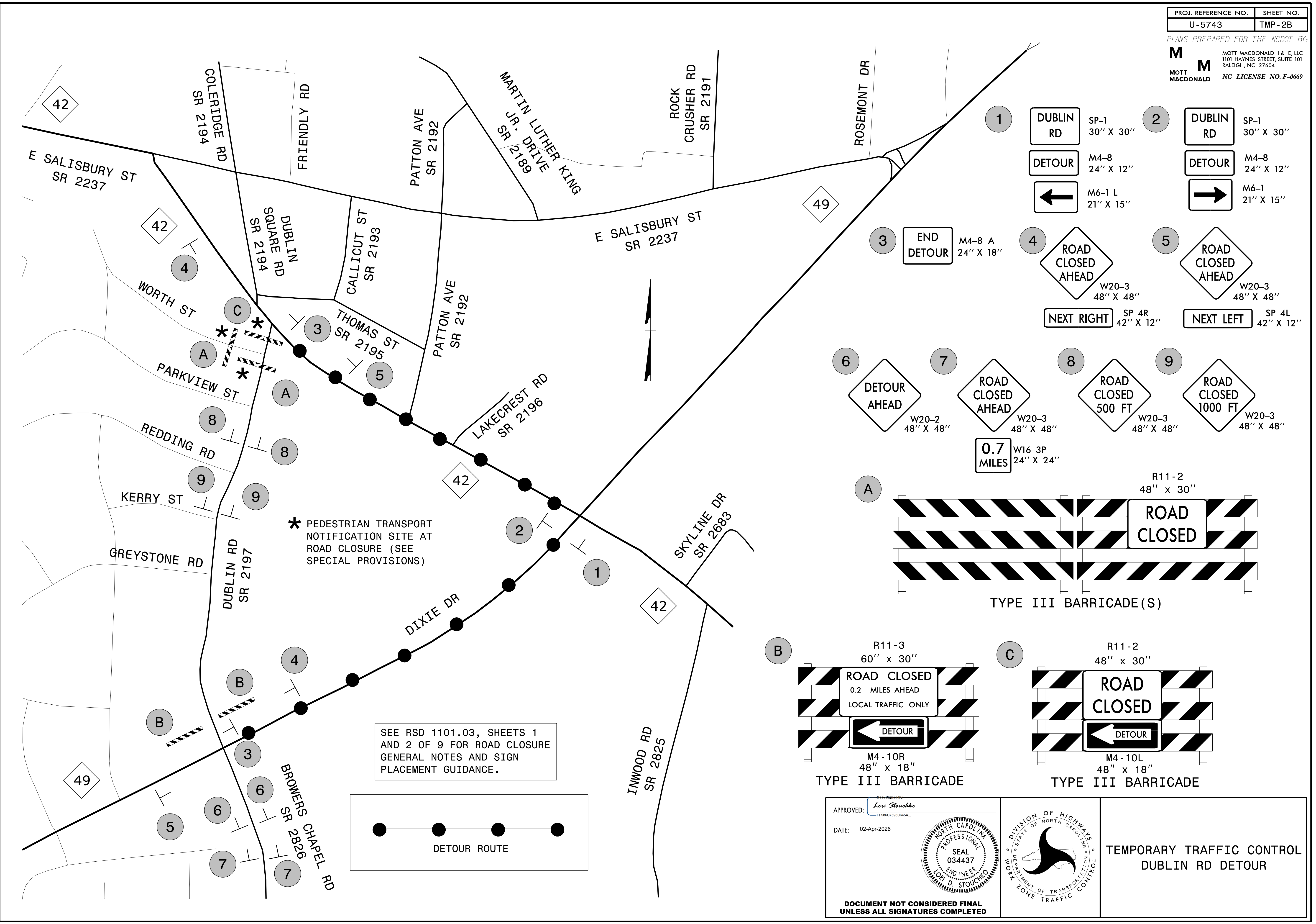
NOTE: COORDINATE MESSAGE AND LOCATION OF CMS WITH ENGINEER PRIOR TO PLACEMENT ON NC 49

APPROVED: <i>Lois Stouckho</i> DATE: 02-Apr-2026 		TEMPORARY TRAFFIC CONTROL NC 42 DETOUR (CULVERT REPLACEMENT) SIGNS
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

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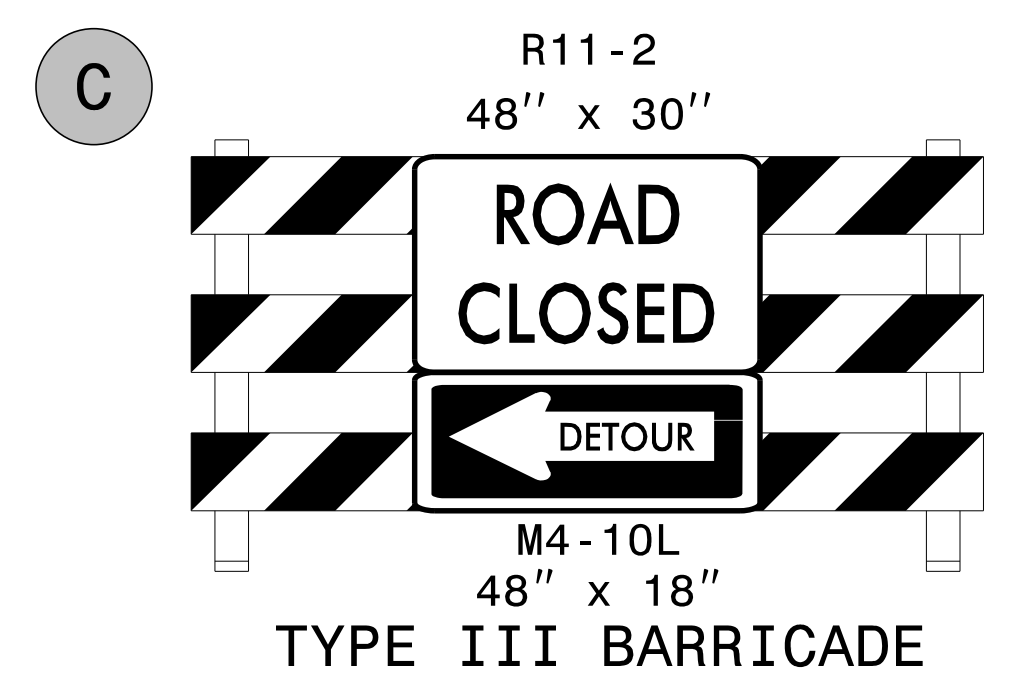
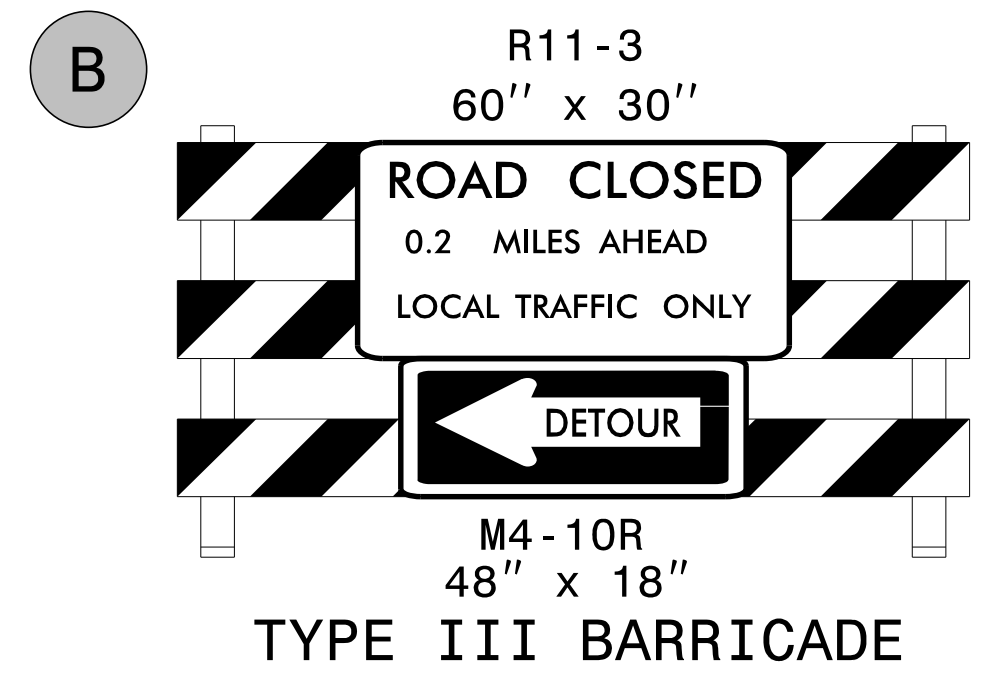
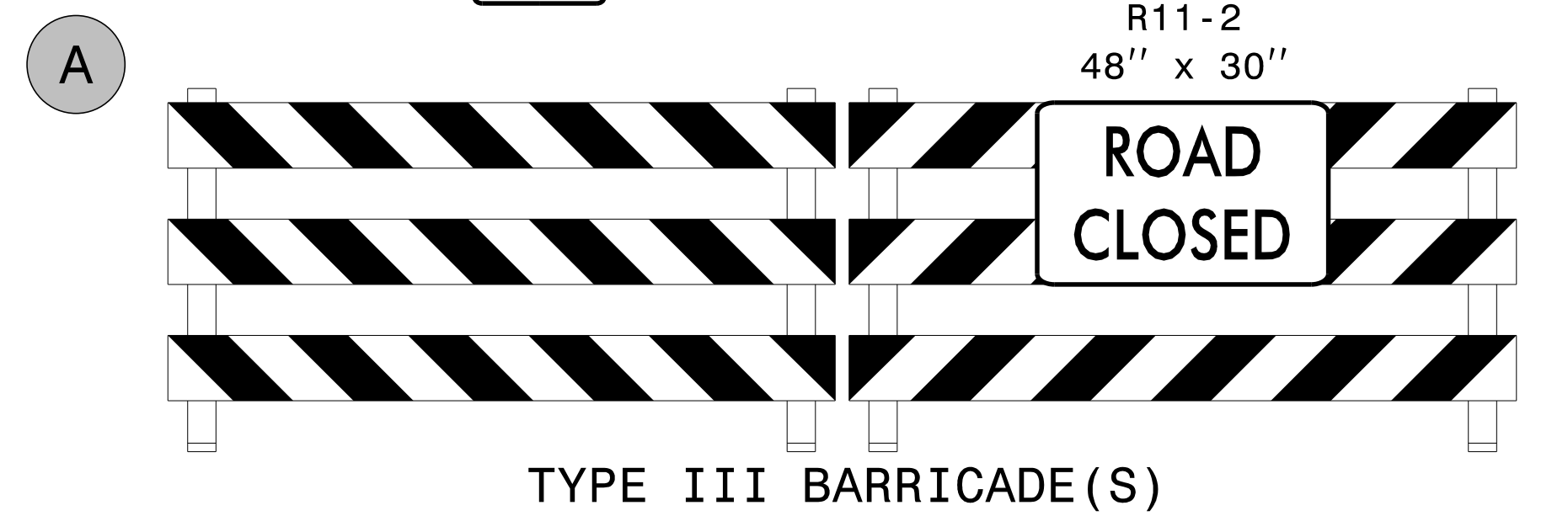
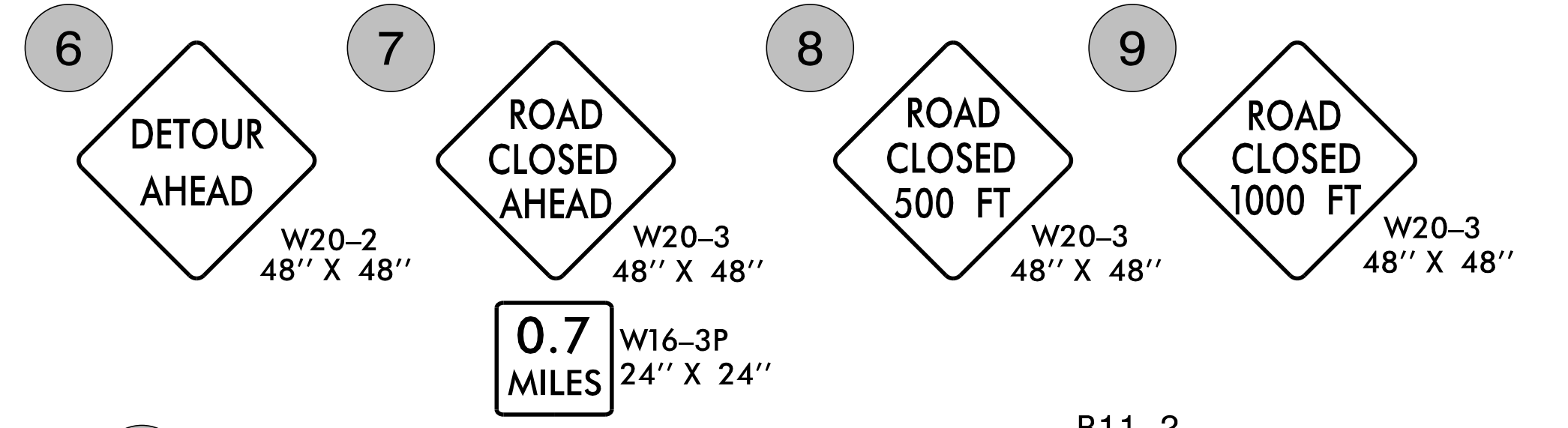
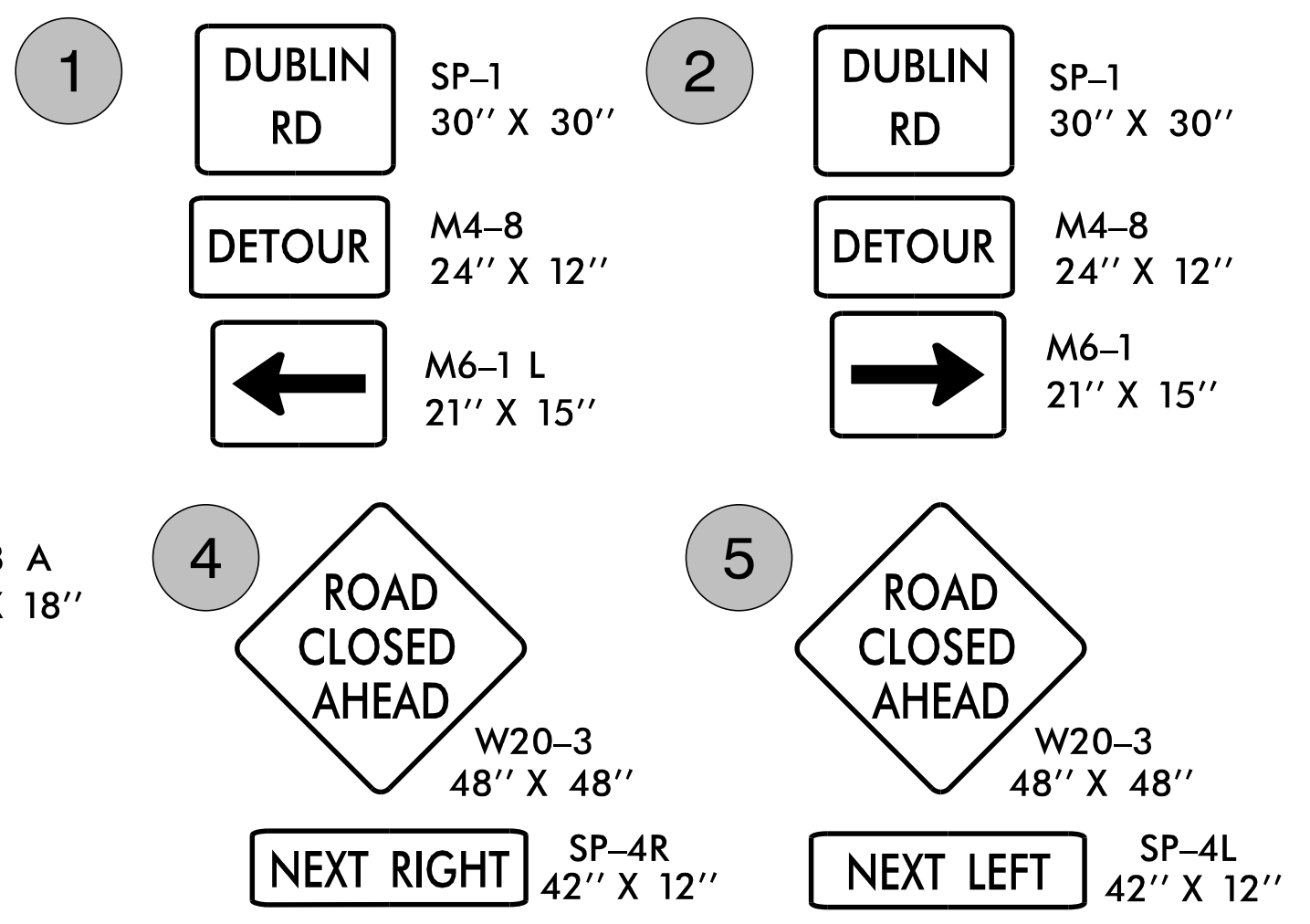
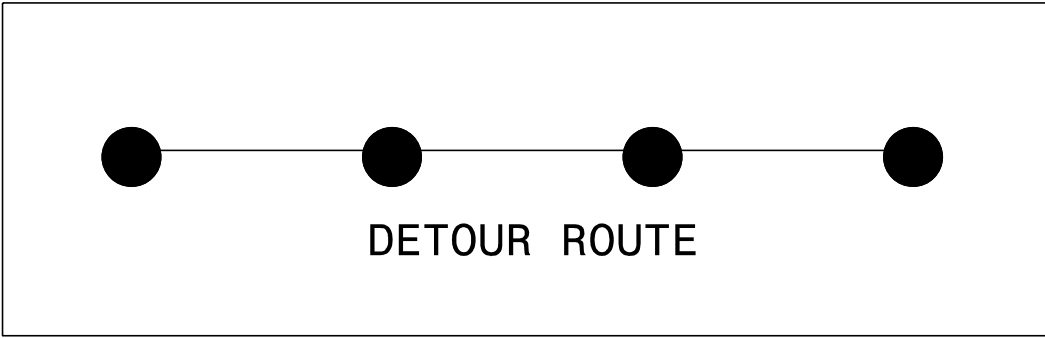
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 RALEIGH, NC 27604
 NC LICENSE NO. F-0669



* PEDESTRIAN TRANSPORT NOTIFICATION SITE AT ROAD CLOSURE (SEE SPECIAL PROVISIONS)

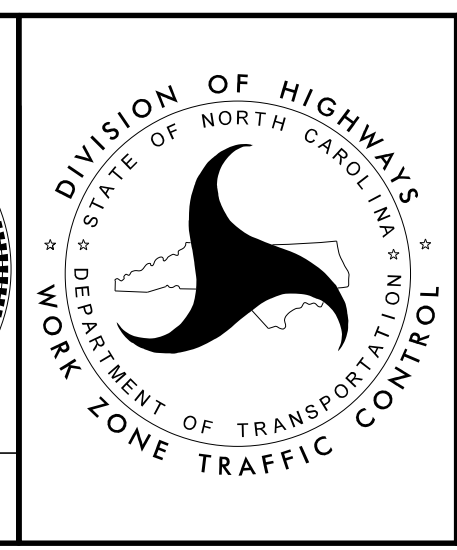
SEE RSD 1101.03, SHEETS 1 AND 2 OF 9 FOR ROAD CLOSURE GENERAL NOTES AND SIGN PLACEMENT GUIDANCE.



APPROVED: *Lori Stoucho*
 DATE: 02-Apr-2026

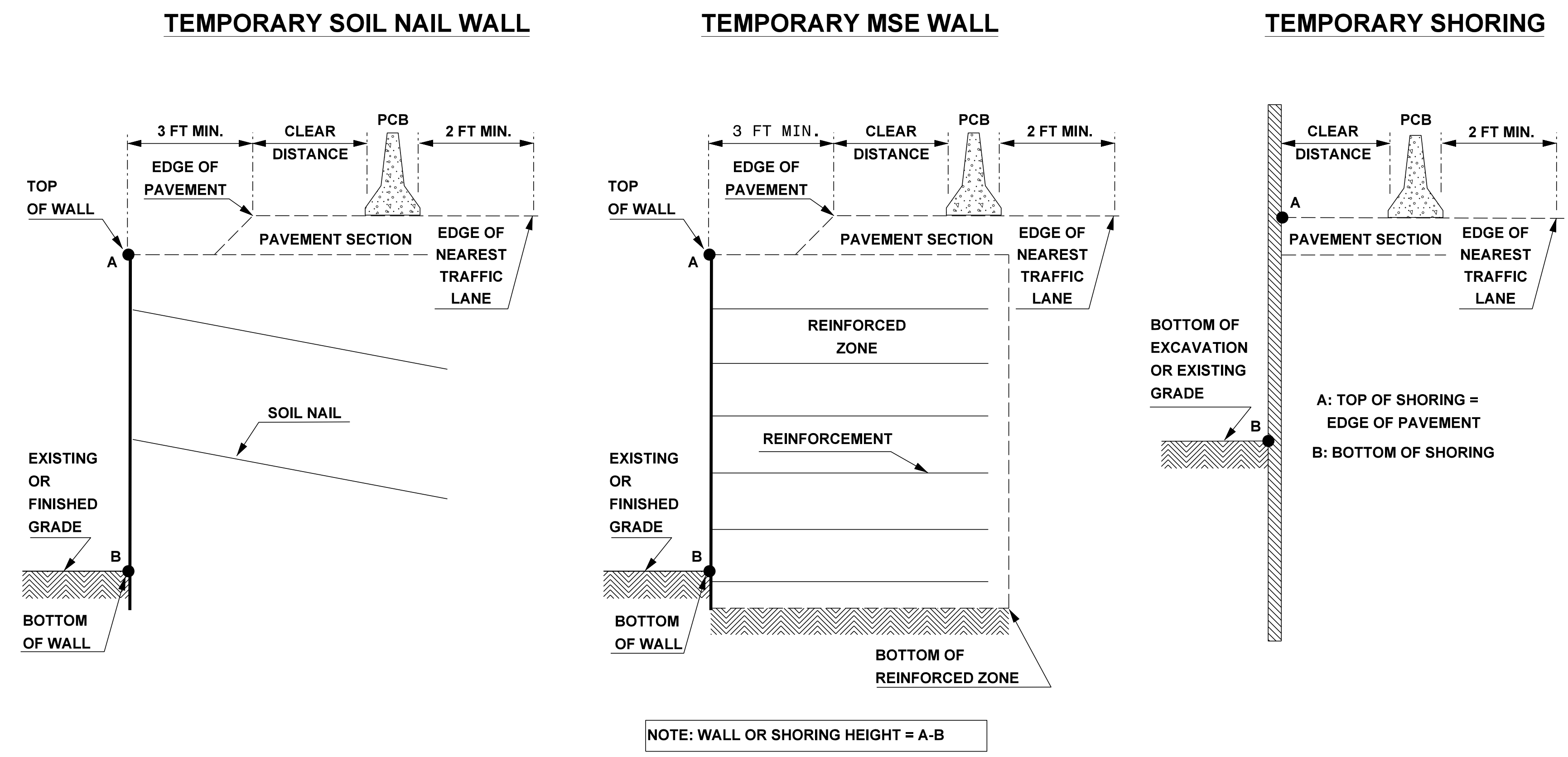
SEAL
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 ENGINEER
 LORI D. STOUCO

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL
 DUBLIN RD DETOUR

1/8/2026
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 User: tiso-ephye



NOTE: WALL OR SHORING HEIGHT = A-B

FIGURE A

NOTES

- REFER TO THE TRAFFIC CONTROL PLANS FOR TEMPORARY SHORING LOCATIONS AND NOTES.
- REFER TO THE "TEMPORARY SHORING" STANDARD PROVISION FOR INFORMATION ABOUT TEMPORARY SHORING AND PORTABLE CONCRETE BARRIER (PCB).
- 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 FOR APPLICABLE PAVEMENT DESIGN).
- 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.
- 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/WALLS EXCEPT FOR BARRIER ABOVE TEMPORARY WALLS. PCB WITH THE MINIMUM REQUIRED CLEAR DISTANCE IS REQUIRED ABOVE TEMPORARY WALLS.
- USE NCDOT PORTABLE CONCRETE BARRIER (PCB) IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1170.01 AND SECTION 1170 OF THE STANDARD SPECIFICATIONS.
- 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 OR APPROVED BY THE ENGINEER.
- 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 THIS MINIMUM REQUIRED DISTANCE IS NOT AVAILABLE, CONTACT THE ENGINEER.
- TABLE SHOWN IN FIGURE B IS BASED ON NCDOT RESEARCH PROJECT NO. 2005-010 WITH VEHICLE TYPE USED FOR NCHRP 350 CRASH TESTS.

MINIMUM REQUIRED CLEAR DISTANCE, inches

Barrier Type	Pavement Type	Offset * ft	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	
	>56	32	36	42	45	47	51	
	Concrete	<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	
Anchored PCB	Asphalt	All Offsets	24 for All Design Speeds					
		Concrete (including bridge approach slabs)	All Offsets	12 for All Design Speeds				

* See Figure Below

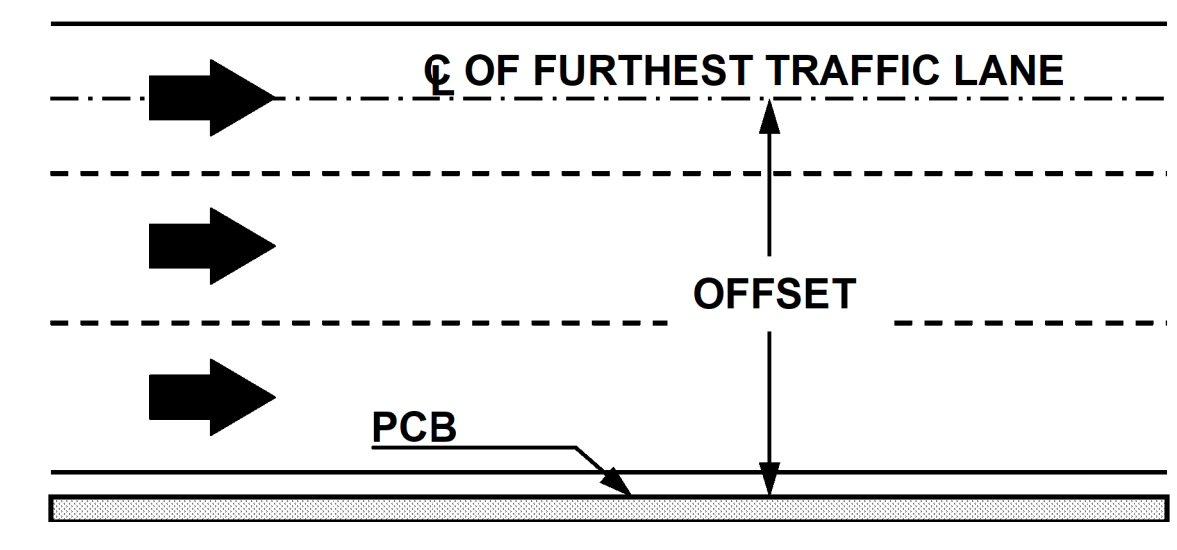


FIGURE B

APPROVED: <i>Levi Stouchko</i> <small>FF588C759C045A...</small> DATE: 02-Apr-2026 SEAL		
PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

4/1/2026
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PROJ. REFERENCE NO.	SHEET NO.
U-5743	TMP-2E

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RALEIGH, NC 27604
M MOTT MACDONALD NC LICENSE NO. F-0669

TEMPORARY SHORING NO. 1 (TMP-4)

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION. DESIGN TEMPORARY SHORING FROM STATION 17+85 +/- -L-, 55.6 FT. RT. TO STATION 19+19 +/- -L-, 57.7 FT. RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF
FRICTION ANGLE, $\phi = 0$
COHESION, $c = 2500$ PSF
GROUNDWATER ELEVATION = 837 FT.

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

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 17+85 +/- -L-, 56 FT. RT. TO STATION 19+19 +/- -L-, 57.7 FT. RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 17+85 +/- -L-, 55.6 FT. RT. TO STATION 19+19 +/- -L-, 57.7 FT. RT MAY NOT PENETRATE BELOW ELEVATION 820 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM 17+85 +/- -L-, 56 FT. RT. TO STATION 19+19 +/- -L-, 57.7 FT. RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

TEMPORARY SHORING NO. 2 (TMP-5)

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION. DESIGN TEMPORARY SHORING FROM STATION 31+51 +/- -L-, 52 FT. RT. TO STATION 32+78 +/- -L-, 35.8 FT. RT., FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT OF SOIL ABOVE WATER TABLE, $\gamma = 120$ PCF
UNIT WEIGHT OF SOIL BELOW WATER TABLE, $\gamma' = 60$ PCF
FRICTION ANGLE, $\phi = 0$
COHESION, $c = 2500$ PSF
GROUNDWATER ELEVATION = DRY.

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

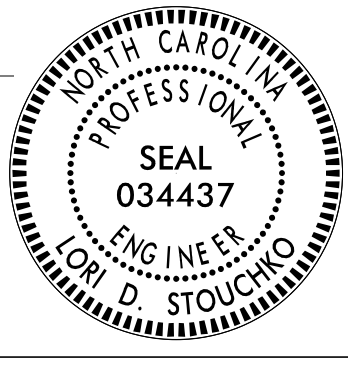

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STATION 31+51 +/- -L-, 52 FT. RT. TO STATION 32+78 +/- -L-, 35.8 FT. RT. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

DRIVEN PILING FOR TEMPORARY SHORING FROM STATION 31+51 +/- -L-, 52 FT. RT. TO STATION 32+78 +/- -L-, 35.8 FT. RT MAY NOT PENETRATE BELOW ELEVATION 790 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM 31+51 +/- -L-, 52 FT. RT. TO STATION 32+78 +/- -L-, 35.8 FT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

THE TEMPORARY SHORING NOTES SHOWN ON THIS SHEET WERE PROVIDED THROUGH A SEALED DOCUMENT FROM THE GEOTECHNICAL ENGINEERING UNIT. THE DOCUMENT WAS SUBMITTED TO THE DIVISION PROJECT ENGINEER ON JULY 28, 2022 AND SEALED BY A PROFESSIONAL ENGINEER, DANIEL PAUL GALLO, LICENSE #052028.

2/9/2026
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User:iso-1stouchko

<p>APPROVED: <i>Levi Stouchko</i> FF586C7596C845A...</p> <p>DATE: 02-Apr-2026</p> <p>SEAL</p>  <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		<p>TEMPORARY SHORING DATA</p>
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 1101 HAYNES STREET, SUITE 101
 RALEIGH, NC 27604

M MOTT MACDONALD
 NC LICENSE NO. F-0669

NOTES:
INSTALL WORK ZONE ADVANCE WARNING SIGNS USING RSD 1101.01, SHEETS 2 AND 3 OF 3 PRIOR TO BEGINNING ANY WORK

MAINTAIN VEHICULAR ACCESS TO ALL RESIDENCES AND BUSINESSES

COMPLETE ANY PROPOSED WIDENING IN SUCH A MANNER THAT NO PONDING OF WATER WILL OCCUR WITHIN THE TRAVEL LANE

REPAIR/REPLACE EXISTING/TEMPORARY PAVEMENT MARKINGS AT THE END OF EACH WORK PERIOD WHERE PAVING OPERATIONS OCCUR ON EXISTING PAVEMENT

COMPLETE PAVING UP TO, BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE, UNTIL STATED TO PLACE FINAL LAYER IN WRITTEN PHASING OR AS DIRECTED BY ENGINEER

MAINTAIN EXISTING REGULATORY, WARNING, GUIDE AND ROUTE SIGNS UNLESS OTHERWISE SHOWN IN THE TRANSPORTATION MANAGEMENT PLANS OR WHERE REPLACED WITH PROPOSED SIGNS

PHASE I

STEP 1

USING RSD 1101.01, SHEETS 2 AND 3 OF 3, INSTALL WORK ZONE ADVANCE WARNING SIGNS ON -L- AND ALL -Y- LINES.

STEP 2

A. USING RSD 1101.02, SHEET 1 OF 19, FLAGGERS AND LAW ENFORCEMENT AS NEEDED, CONSTRUCT MONOLITHIC ISLANDS ON -Y2 AND -Y3- AS SHOWN ON TMP-5

PLACE TEMPORARY CMS A MINIMUM OF 14 DAYS PRIOR TO BEGINNING OF ALL WAY STOP OPERATION AT THE INTERSECTION OF -Y1- AND -Y2-/-Y3- (TMP-5)

B. USING LAW ENFORCEMENT AS NEEDED, PLACE TRAFFIC CONTROL DEVICES AND STOP BARS TO CONVERT THE INTERSECTION OF -Y1- AND -Y2-/-Y3- TO AN ALL WAY STOP CONTROLLED INTERSECTION AS SHOWN ON TMP-4 AND TMP-5. REMOVE EXISTING FLASHERS AND "VEHICLE ENTERING WHEN FLASHING" WARNING SIGNS ON -Y1- APPROACHES. REMOVE EXISTING SIGNAL EQUIPMENT FOR SIG. ID 08-0688

USING RSD 1101.02, SHEET 1 OF 19, FLAGGERS AND LAW ENFORCEMENT, INSTALL TEMPORARY SIGNAL AT THE INTERSECTION OF -L- AND -Y1-

STEP 3

USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED, BEGIN CONSTRUCTION OF THE FOLLOWING:

- * RIGHT SIDE OF -L- FROM STA 19+35+/- TO STA 26+85+/- AS SHOWN ON TMP-4 AND TMP-5
- * RIGHT SIDE OF -L- FROM STA 36+00+/- TO STA 40+00+/- AS SHOWN ON TMP-6
- * RIGHT SIDE OF -L- FROM STA 44+25+/- TO STA 53+80+/- AS SHOWN ON TMP-6 AND TMP-7
- * LEFT SIDE OF -L- FROM -Y1- TO STA 26+85+/- AS SHOWN TMP-4 AND TMP-5
- * LEFT SIDE OF -L- FROM STA 33+38+/- TO STA 43+00+/- AS SHOWN ON TMP-5 AND TMP-6
- * LEFT SIDE OF -L- FROM STA 44+25+/- TO 50+10+/- AS SHOWN ON TMP-6 AND TMP-7
- * RIGHT SIDE OF -Y1- FROM -L- TO STA 12+55+/- AS SHOWN ON TMP-4
- * LEFT SIDE OF -Y1- FROM STA 11+89+/- TO STA 14+00+/- AS SHOWN ON TMP-4 AND TMP-5
- * -Y2- FROM THE EDGE OF EXISTING DUBLIN SQUARE RD TO -L- AS SHOWN ON TMP-5
- * -Y5- FROM -L- TO THE EDGE OF EXISTING SR 2195 AS SHOWN ON TMP-6
- * -Y8-

USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED, AS SHOWN ON TMP-5A, BEGIN CONSTRUCTION OF THE FOLLOWING:

1. CONSTRUCT DRAINAGE ON -L- AS SHOWN ON INSET A

CONSTRUCT NEW DRIVEWAY -DR1- AS SHOWN ON INSET A
2. PLACE TEMPORARY PAVEMENT ON THE LEFT SIDE OF -L- AS SHOWN ON INSET A (NOTE: FIELD VERIFY TEMPORARY PAVEMENT ON LEFT SIDE OF -L- TO COMPLETE TRAFFIC SHIFT TO CONSTRUCT RW2 SHOWN IN INSET B)
3. PLACE TEMPORARY PAVEMENT MARKINGS ON -L- AS SHOWN ON INSET B AND SHIFT TRAFFIC INTO NEW TEMPORARY PATTERN
4. CONSTRUCT DRAINAGE STRUCTURES ON THE RIGHT SIDE OF -L- AS SHOWN ON INSET B

CONSTRUCT RW2 USING TEMPORARY SHORING AS NEEDED TO MAINTAIN TRAFFIC AS SHOWN ON INSET B

5. REPLACE ORIGINAL 11' LANE, 2-LANE, 2-WAY PATTERN USING TEMPORARY PAVEMENT MARKINGS FROM STA 29+96+/- TO STA 32+90+/- AND PLACE TRAFFIC INTO ORIGINAL TRAFFIC PATTERN
6. CONSTRUCT WIDENING OF RIGHT SIDE OF -L- FROM STA 26+85+/- TO STA 34+45+/- (TMP-5 AND TMP-6)

CONSTRUCT WIDENING OF LEFT SIDE OF -L- FROM STA 26+85+/- TO STA 32+83+/- (TMP-5)

USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED, PERFORM THE FOLLOWING:

1. CONSTRUCT TEMPORARY PAVEMENT ON THE RIGHT SIDE OF -L- FROM STA 15+00+/- TO STA 19+25+/- AS SHOWN ON TMP-4, INSET A
2. PLACE TEMPORARY PAVEMENT MARKINGS ON -L- AS SHOWN ON TMP-4 AND TMP-5 AND SHIFT TRAFFIC INTO TEMPORARY PATTERN
3. PLACE TEMPORARY ANCHORED PCB AND CRASH CUSHIONS ON THE RIGHT SIDE OF -L- AS SHOWN ON TMP-4
4. BEGIN CONSTRUCTION OF THE RIGHT SIDE OF -L- FROM STA 15+00+/- TO STA 19+35+/- AS SHOWN ON TMP-4 USING TEMPORARY SHORING AS NEEDED TO CONSTRUCT RW1

NOTE: PHASE 1 STEP 4 AND PHASE 1 STEP 5 MAY BE COMPLETED CONCURRENTLY

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 4 IN 30 CONSECUTIVE DAYS (SEE INTERMEDIATE CONTRACT TIMES.)

STEP 4

A. USING RSD 1101.03, SHEETS 1 AND 2 OF 9 AND TMP-2B, CLOSE EXISTING SR 2197 AND WORTH STREET TO TRAFFIC

NOTE: WHERE CONTRACTOR IS UNABLE TO MAINTAIN A TRAVERSABLE, FIRM AND SLIP-RESISTANT PATH FOR PEDESTRIANS, PROVIDE PEDESTRIAN TRANSPORTATION SERVICE PER THE PEDESTRIAN TRANSPORT SERVICE SPECIAL PROVISION.

- B. USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED, AS SHOWN ON TMP-6A, INSET A, CONSTRUCT THE FOLLOWING:
- * -Y6- FROM STA 11+50+/- TO -L-
 - * -Y7-
 - * RIGHT SIDE OF -L- FROM STA 33+50+/- TO STA 36+70+/-

BEGIN CONSTRUCTION OF PROPOSED SIDEWALK FROM STA 34+45+/- TO -Y7- AND FROM -Y7- TO STA 36+00+/-

- C. USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED, PERFORM THE FOLLOWING:
- * PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES ON -L- AND -Y6- AS SHOWN ON TMP-6A, INSET B (NOTE: MAY PLACE PM AS SHOWN IN INSET C IF CLOSURE OF -L- FOR THE CONSTRUCTION OF THE CULVERT ACROSS -L- BEGINS IMMEDIATELY FOLLOWING THE OPENING OF -Y6- TO TRAFFIC)
 - * OPEN -Y6- AND -Y7- TO TRAFFIC AS SHOWN ON TMP-6A INSET B

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 5.A THRU STEP 5.C IN 5 CONSECUTIVE DAYS. (SEE INTERMEDIATE CONTRACT TIMES.)

STEP 5

A. USING ADA COMPLIANT PEDESTRIAN CHANNELIZATION AND BARRICADE MOUNTED SIDEWALK CLOSED SIGNS, CLOSE EXISTING TRAIL TO TRAFFIC

B. CONSTRUCT -TRAIL- AND THE PROPOSED DRAINAGE TO THE RIGHT OF -L- AT -TRAIL-

USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED, BEGIN CONSTRUCTION OF THE RIGHT SIDE OF -L- FROM STA 40+00+/- TO STA 43+00+/-

C. OPEN -TRAIL- TO TRAFFIC

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<p>APPROVED: <i>Levi Stouckio</i> FF586C7596C45A...</p> <p>DATE: 02-Apr-2026</p> <p>SEAL</p> <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		<p>TEMPORARY TRAFFIC CONTROL PHASING</p>
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PROJ. REFERENCE NO.	SHEET NO.
U-5743	TMP-3A

PLANS PREPARED FOR THE NCDOT BY:

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RALEIGH, NC 27604

M MOTT MACDONALD
NC LICENSE NO. F-0669

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 6 IN 75 CONSECUTIVE DAYS.
(SEE INTERMEDIATE CONTRACT TIMES.)

STEP 6

A. USING RSD 1101.03, SHEET 1 OF 9 AND SHEETS TMP-2 AND TMP-2A, CLOSE EXISTING -L- TO THRU TRAFFIC.

USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED, PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON TMP-6A, INSET C AND SHIFT TRAFFIC TO NEW TEMPORARY PATTERN.

NOTE: WHERE CONTRACTOR IS UNABLE TO MAINTAIN A TRAVERSABLE, FIRM AND SLIP-RESISTANT PATH FOR PEDESTRIANS, PROVIDE PEDESTRIAN TRANSPORTATION SERVICE PER THE PEDESTRIAN TRANSPORT SERVICE SPECIAL PROVISION.

B. AWAY FROM TRAFFIC, CONSTRUCT THE PROPOSED CULVERT AS SHOWN ON TMP-6 (NOTE: REPLACE EXISTING PAVEMENT OR COMPLETE PROPOSED PAVEMENT AS NEEDED TO OPEN -L- TO TRAFFIC IN EXISTING PATTERN)

AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF WIDENING OF -L-:
* ON LEFT SIDE FROM STA 43+00+/- TO STA 44+25+/-
* ON RIGHT SIDE FROM STA 43+00+/- TO STA 44+25+/-

AWAY FROM TRAFFIC, BEGIN CONSTRUCTION OF SIDEWALK ON -L- FROM STA 43+00+/- TO STA 44+25+/-

C. USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED, PLACE TEMPORARY PAVEMENT MARKINGS AND TEMPORARY TRAFFIC CONTROL DEVICES AS SHOWN ON TMP-6A, INSET B

OPEN -L- TO TRAFFIC.

STEP 7

USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED, COMPLETE CONSTRUCTION, INCLUDING WEDGING OF THE EXISTING ROADWAY AS NEEDED TO MAINTAIN TRAFFIC (NOTE: REPLACE TEMPORARY PAVEMENT MARKINGS AS NEEDED BY THE END OF EACH WORK DAY), OF THE FOLLOWING:

- * RIGHT SIDE OF -L- FROM STA 15+00+/- TO 33+50+/- AS SHOWN ON TMP-4 & TMP-5
- * RIGHT SIDE OF -L- FROM STA 36+70+/- TO STA 53+80+/-
- * LEFT SIDE OF -L- FROM -Y1- TO STA 32+83+/- AS SHOWN ON TMP-4 AND TMP-5
- * LEFT SIDE OF -L- FROM STA 33+38+/- TO STA 50+10+/- AS SHOWN ON TMP-5, TMP-6, AND TMP-7
- * RIGHT SIDE OF -Y1- FROM -L- TO STA 12+55+/- AS SHOWN ON TMP-4
- * LEFT SIDE OF -Y1- FROM STA 11+89+/- TO STA 14+00+/- AS SHOWN ON TMP-4 AND TMP-5
- * -Y2- FROM THE EDGE OF EXISTING DUBLIN SQUARE RD TO -L- AS SHOWN ON TMP-5
- * -Y5- FROM -L- TO THE EDGE OF EXISTING SR 2195 AS SHOWN ON TMP-6
- * -Y8- AS SHOWN ON TMP-6

USING RSD 1101.02, SHEET 1 OF 19, FLAGGERS AND LAW ENFORCEMENT AS NEEDED, BEGIN INSTALLATION OF SIGNALS AT THE FOLLOWING:

- * TEMPORARY SIGNAL AT THE INTERSECTION OF -L- AND -Y1- (TMP-8)
- * FINAL SIGNAL AT THE INTERSECTION OF -L- AND -Y6- (TMP-10)

PHASE II

STEP 1

USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED:
* PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON TMP-8 THRU TMP-11
* COMPLETE/ACTIVATE SIGNALS AT THE FOLLOWING:
- TEMPORARY SIGNAL AT THE INTERSECTION OF -L- AND -Y1- (TMP-8)
- FINAL SIGNAL AT THE INTERSECTION OF -L- AND -Y6- (TMP-10)
* PLACE TRAFFIC INTO PHASE II TRAFFIC PATTERN

STEP 2

USING RSD 1101.02, SHEET 1 OF 19 AND FLAGGERS AS NEEDED, CONSTRUCT THE FOLLOWING:
* LEFT SIDE OF -L- FROM STA 14+75+/- TO -Y1- AS SHOWN ON TMP-8
* LEFT SIDE OF -Y1- FROM -L- TO STA 11+89+/- AS SHOWN ON TMP-8
* RIGHT SIDE OF -Y1- FROM STA 12+55+/- TO STA 14+00+/- AS SHOWN ON TMP-8 AND TMP-9
* REMOVE EXISTING DUBLIN SQUARE RD AND SR 2195
* LEFT SIDE OF -L- FROM STA 32+67+/- TO STA 33+46+/- AS SHOWN ON TMP-10
* SIDEWALK ON THE LEFT SIDE OF -L- BETWEEN -Y2- AND -Y5- (TMP-9 & TMP-10)
* MONOLITHIC ISLAND ON -L- AT THE APPROACH TO -Y6- AS SHOWN ON TMP-10

USING RSD 1101.02, SHEET 1 OF 19, FLAGGERS AND LAW ENFORCEMENT AS NEEDED, BEGIN INSTALLATION OF THE FINAL SIGNAL AT THE INTERSECTION OF -L- AND -Y1-

PHASE III

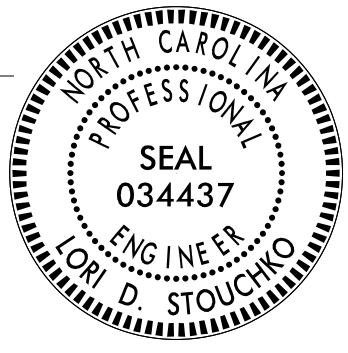

STEP 1

USING RSD 1101.02, SHEET 1 OF 19, FLAGGERS AND LAW ENFORCEMENT AS NEEDED:
* PLACE FINAL LAYER OF SURFACE COURSE
* PLACE FINAL PAVEMENT MARKINGS
* COMPLETE/UNCOVER FINAL SIGNAL AT THE INTERSECTION OF -L- AND -Y1-
* PLACE TRAFFIC INTO FINAL PATTERN

STEP 2

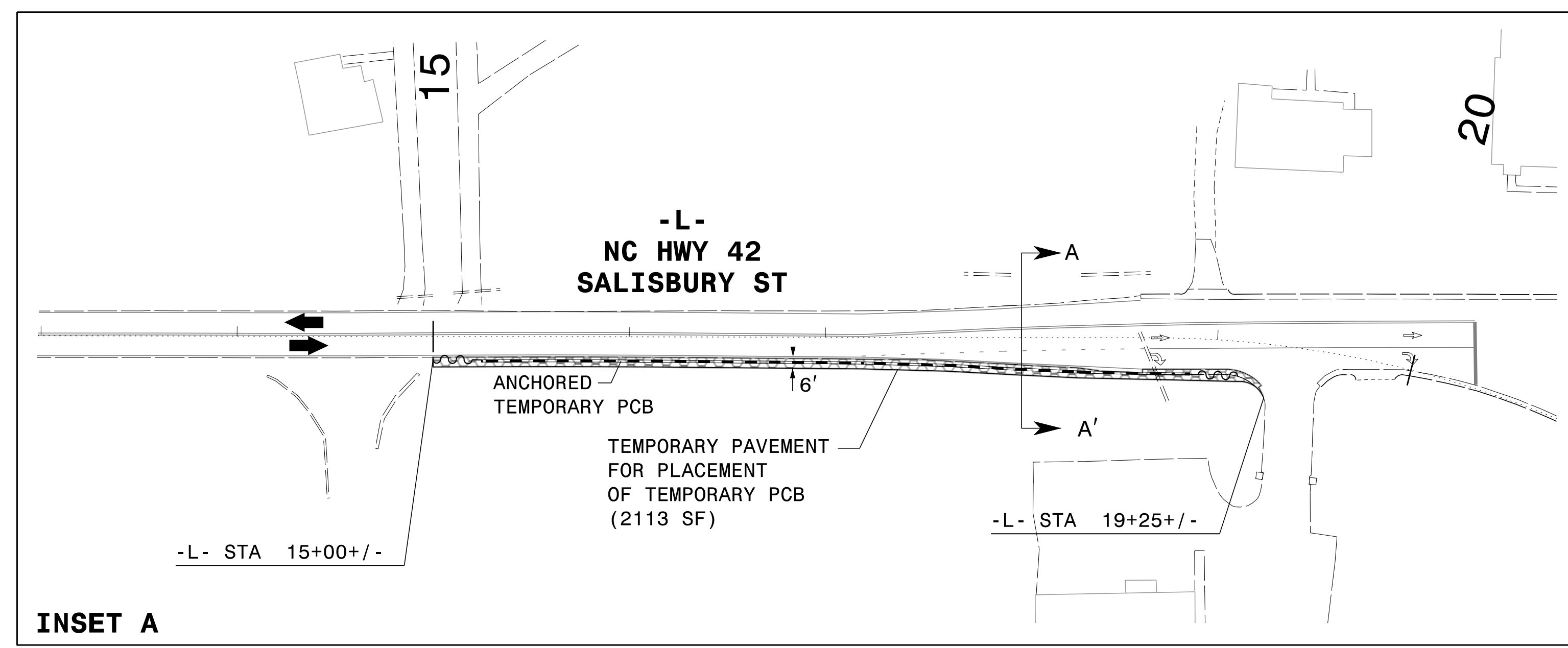
REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES

2/17/2026
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User:iso-1stouchko

<p>APPROVED: <i>Lois Stouchko</i> FF588CT596C045A</p> <p>DATE: 02-Apr-2026</p> <p>SEAL</p>  <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		<p>TEMPORARY TRAFFIC CONTROL PHASING</p>
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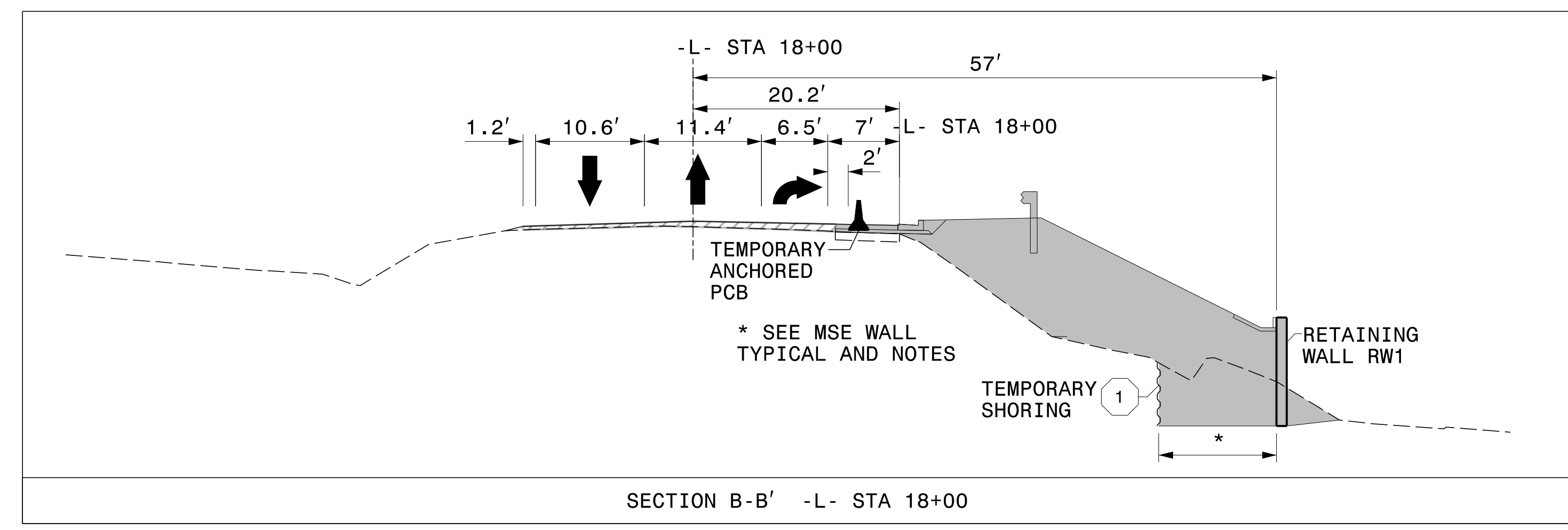
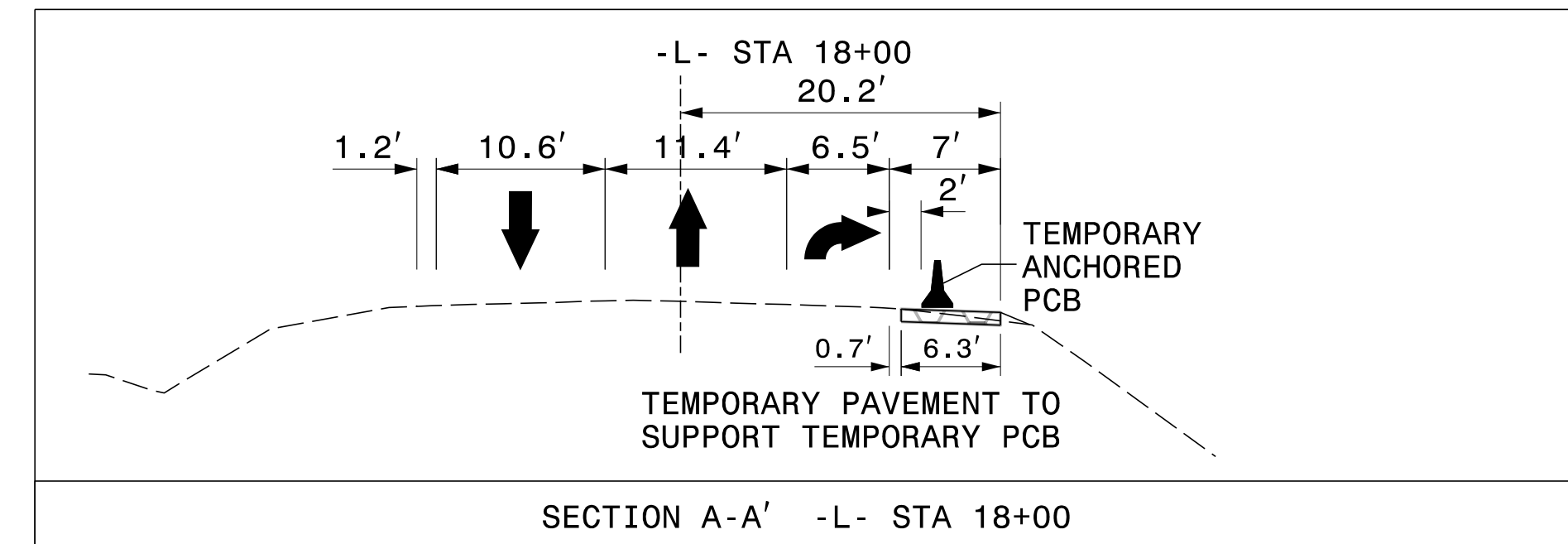
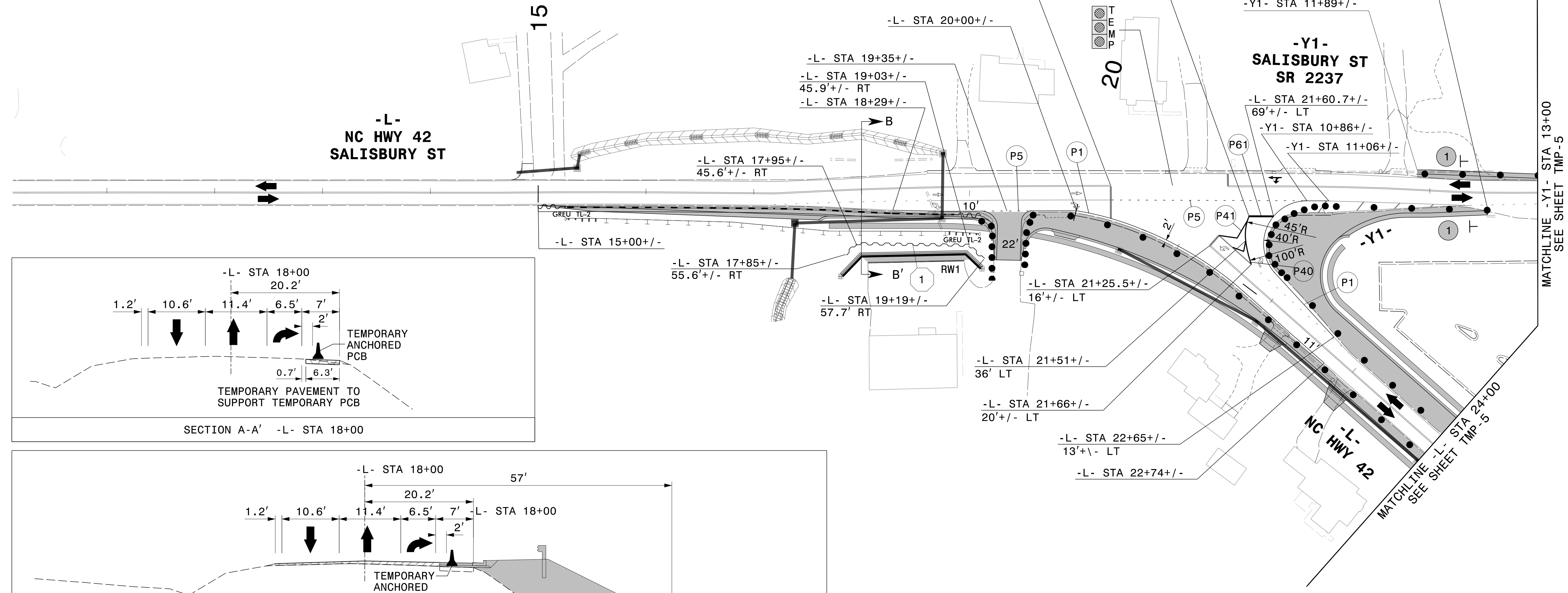
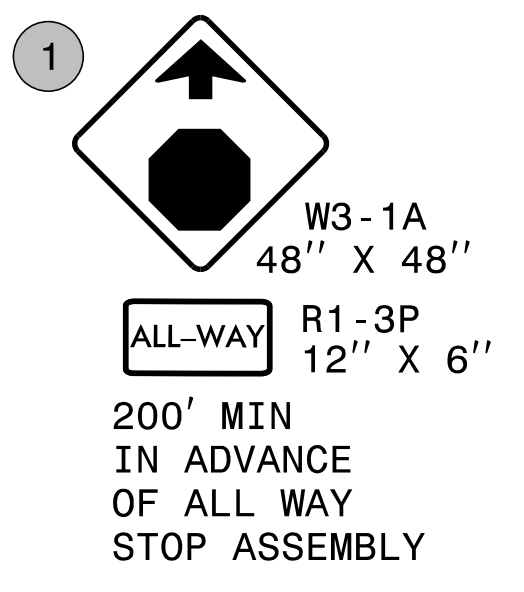
PROJ. REFERENCE NO.	SHEET NO.
U-5743	TMP-4

PLANS PREPARED FOR THE NCDOT BY:
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M MOTT MACDONALD
 NC LICENSE NO. F-0669

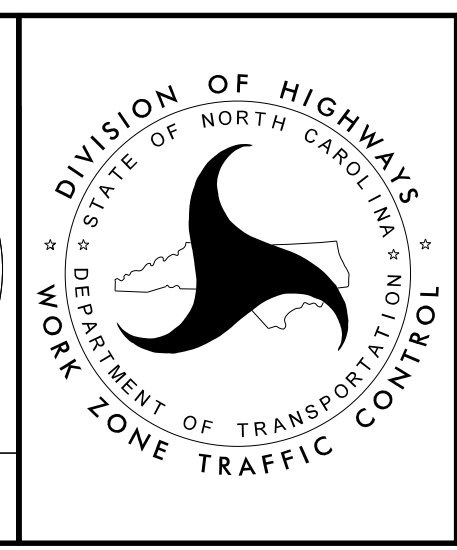


INSET A

1 QUANTITY = 656.8 SF
 TEMPORARY SHORING ON -L- FROM STA 17+85+/-, 55.6' RT TO STA 17+95+/-, 45.6' RT TO STA 19+03+/-, 45.9' RT TO STA 19+19+/-, 57.7' RT
 (SEE SHEET TMP-2E FOR TEMPORARY SHORING NOTES)



APPROVED: *Levi Stouchko*
 DATE: 02-Apr-2026
 SEAL
 PROFESSIONAL ENGINEER
 LEVI D. STOUCHKO
 034437



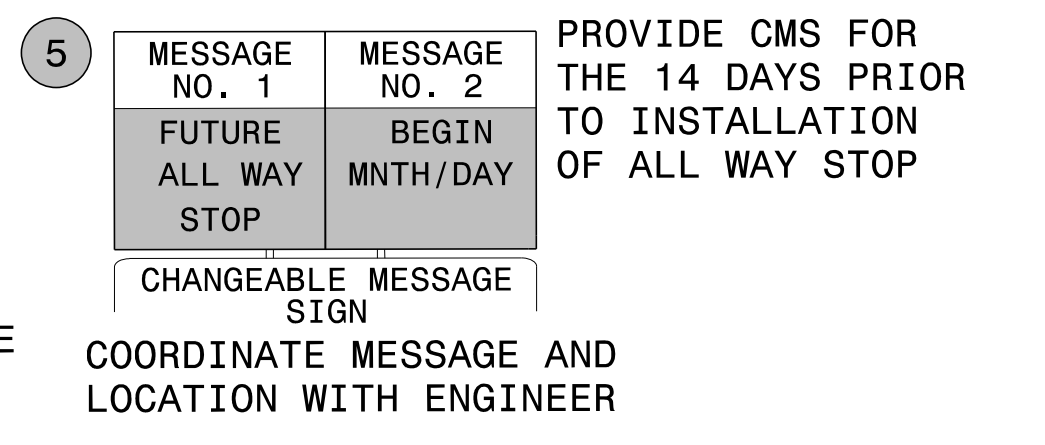
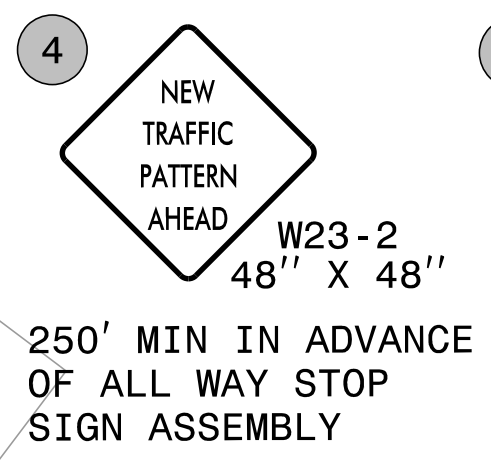
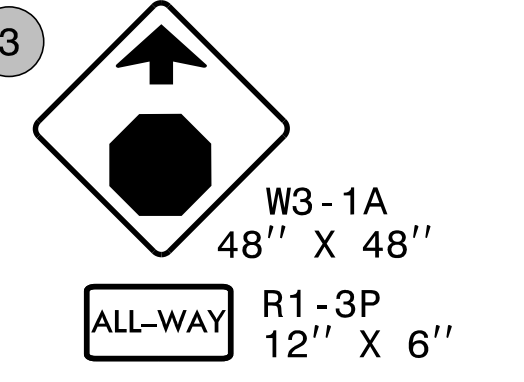
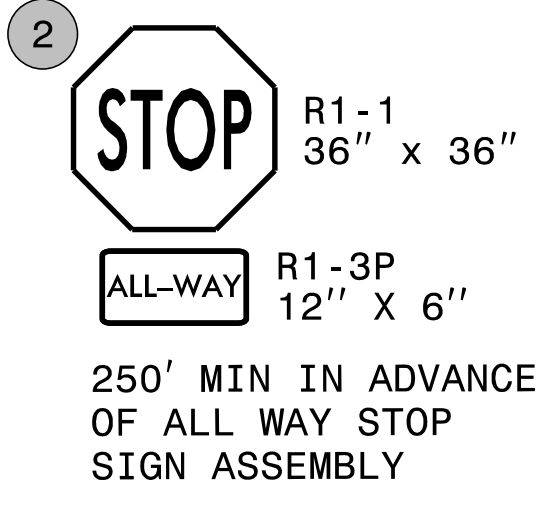
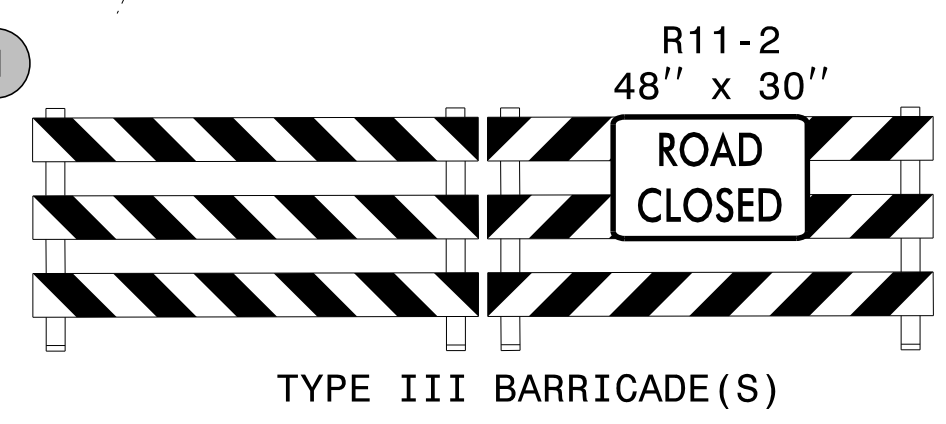
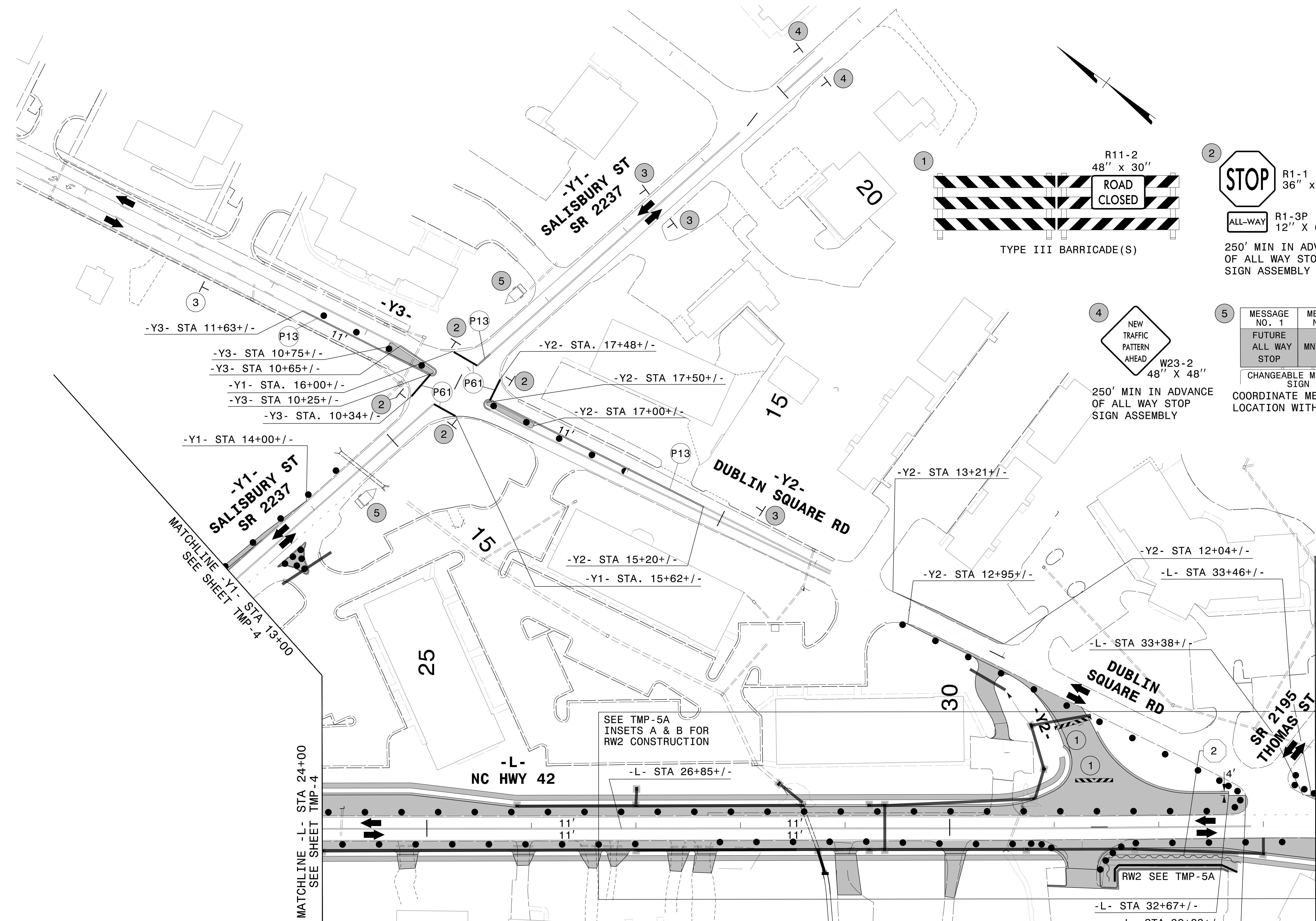
TEMPORARY TRAFFIC CONTROL PHASE I

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 User: lso-1stouchko

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RALEIGH, NC 27604

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MATCHLINE -Y1- STA 13+00
SEE SHEET TMP-4

MATCHLINE -L- STA 24+00
SEE SHEET TMP-4

MATCHLINE -L- STA 33+50
SEE SHEET TMP-6

SEE TMP-5A
INSETS A & B FOR
RW2 CONSTRUCTION

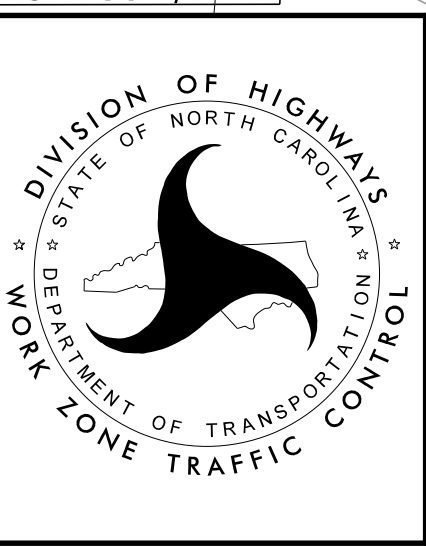
RW2 SEE TMP-5A

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DATE: 02-Apr-2026

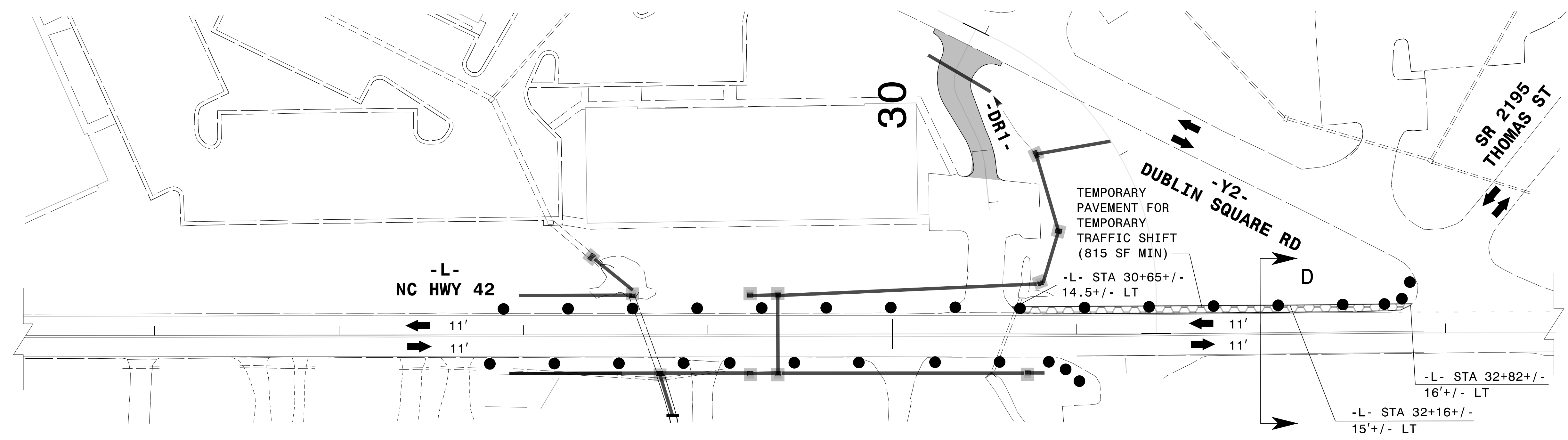
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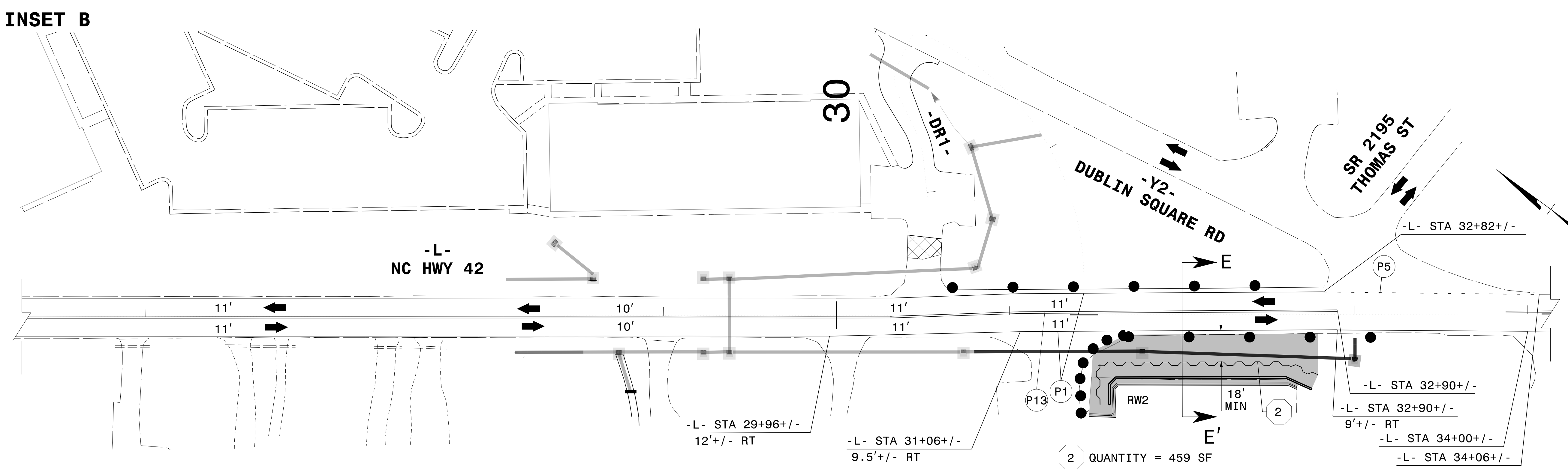


**TEMPORARY TRAFFIC CONTROL
PHASE I**

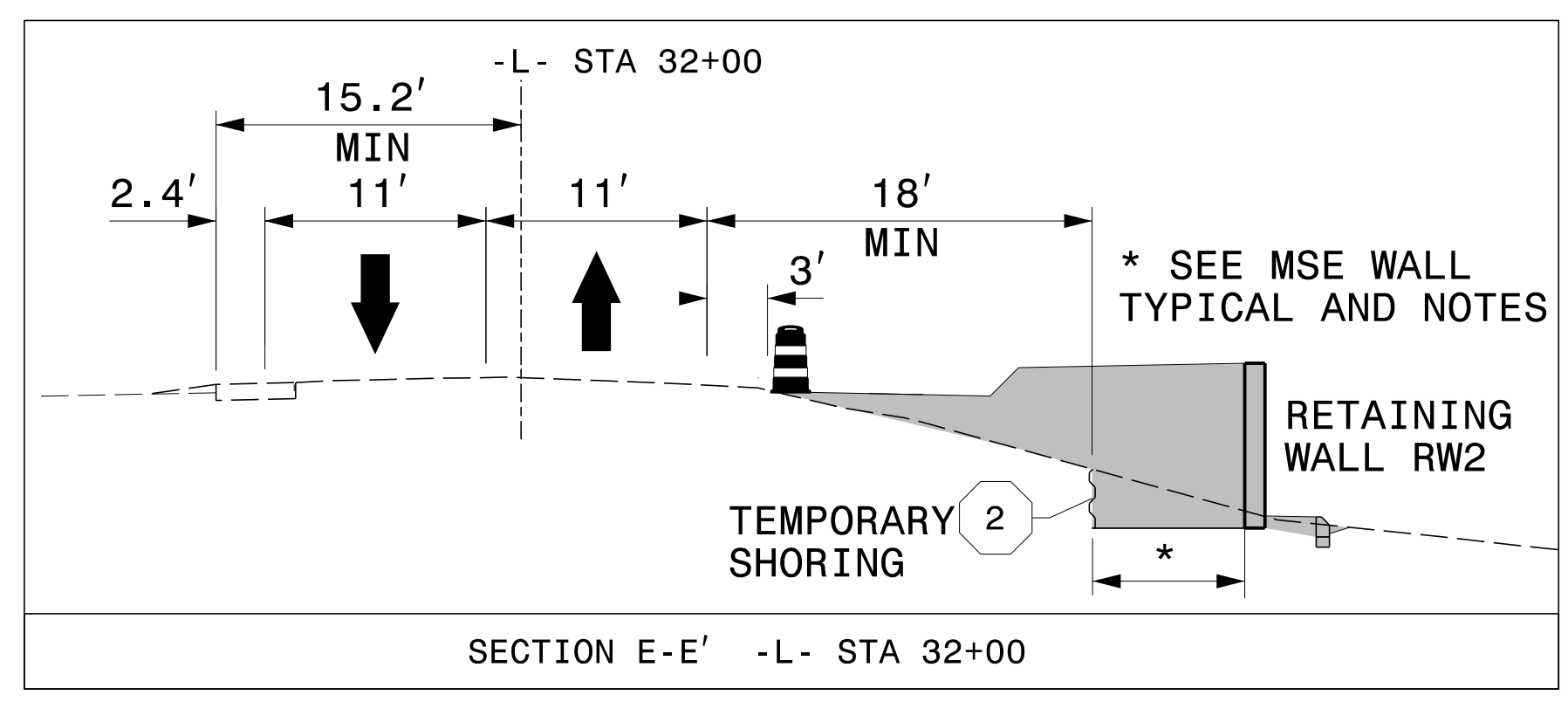
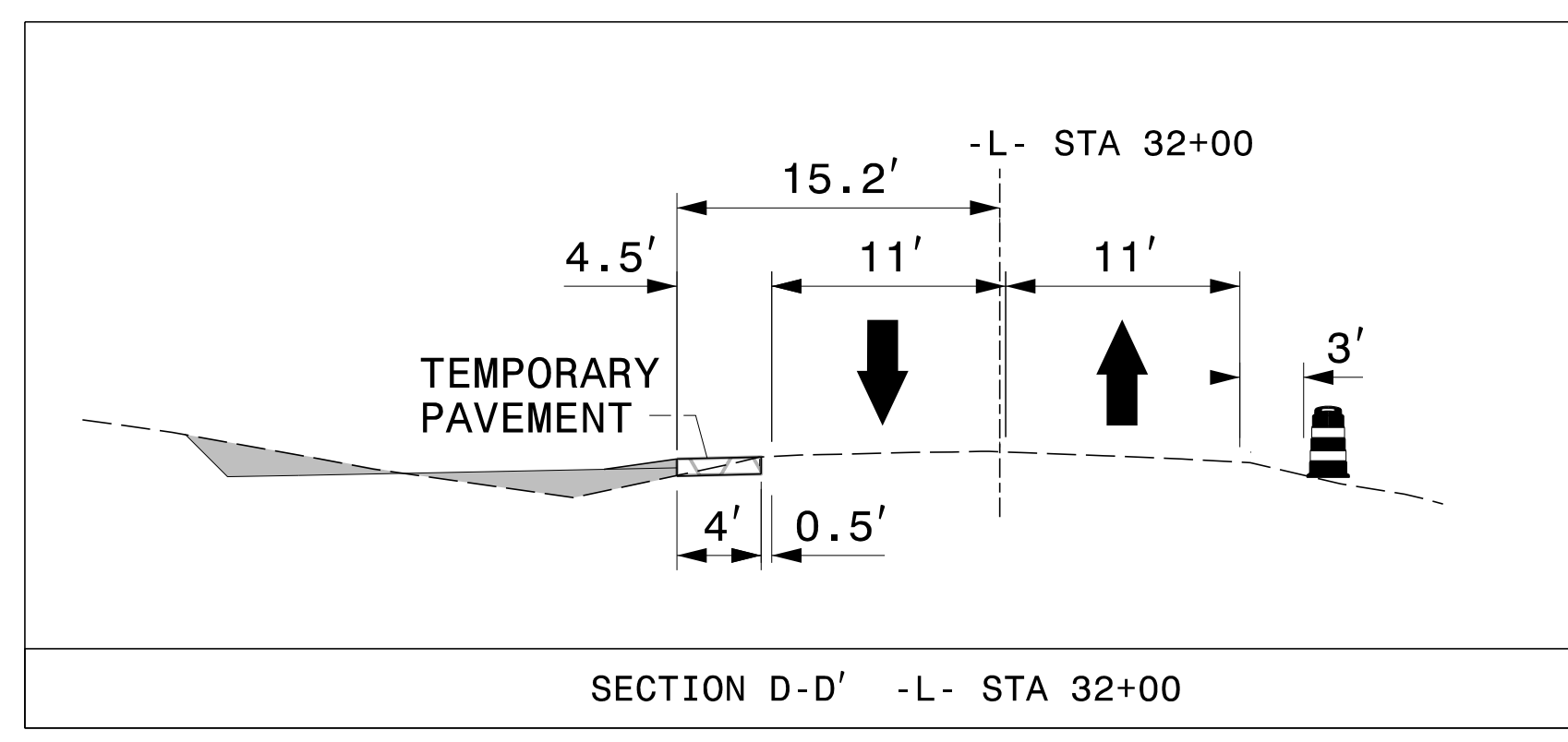
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 User: lso-stouchko



INSET A



INSET B



2 QUANTITY = 459 SF

TEMPORARY SHORING ON -L- FROM STA 31+51+/-, 52' RT TO STA 31+51+/-, 28.4' RT TO STA 32+62+/-, 28.4' RT TO STA 32+78+/-, 35.8' RT (SEE SHEET TMP-2E FOR TEMPORARY SHORING NOTES)

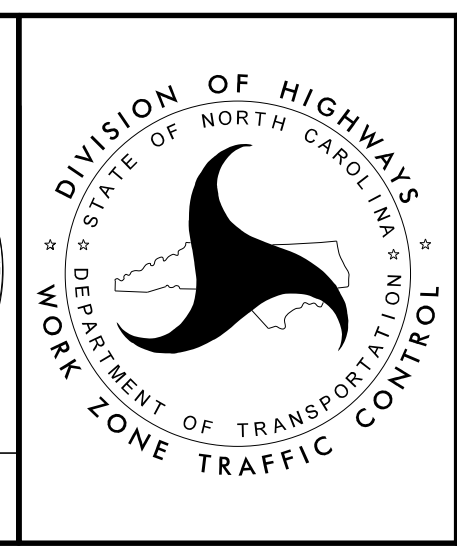
NOTE: ONCE RETAINING WALL RW2 CONSTRUCTION IS COMPLETE, REPLACE PAVEMENT MARKING IN ORIGINAL 11', 2-LANE, 2-WAY PATTERN FROM STA 30+32+/- TO STA 34+06+/- TO REMOVE TEMPORARY PAVEMENT AND CONSTRUCT LEFT SIDE OF -L-

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DATE: 02-Apr-2026

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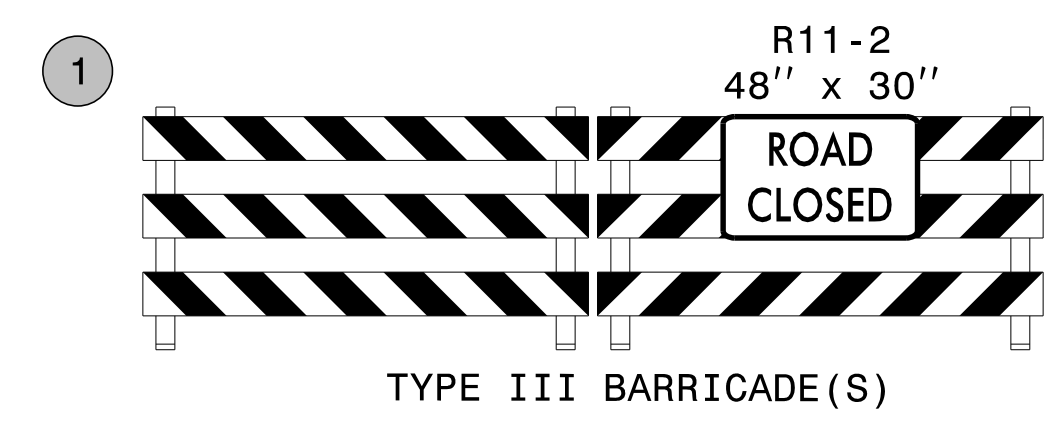
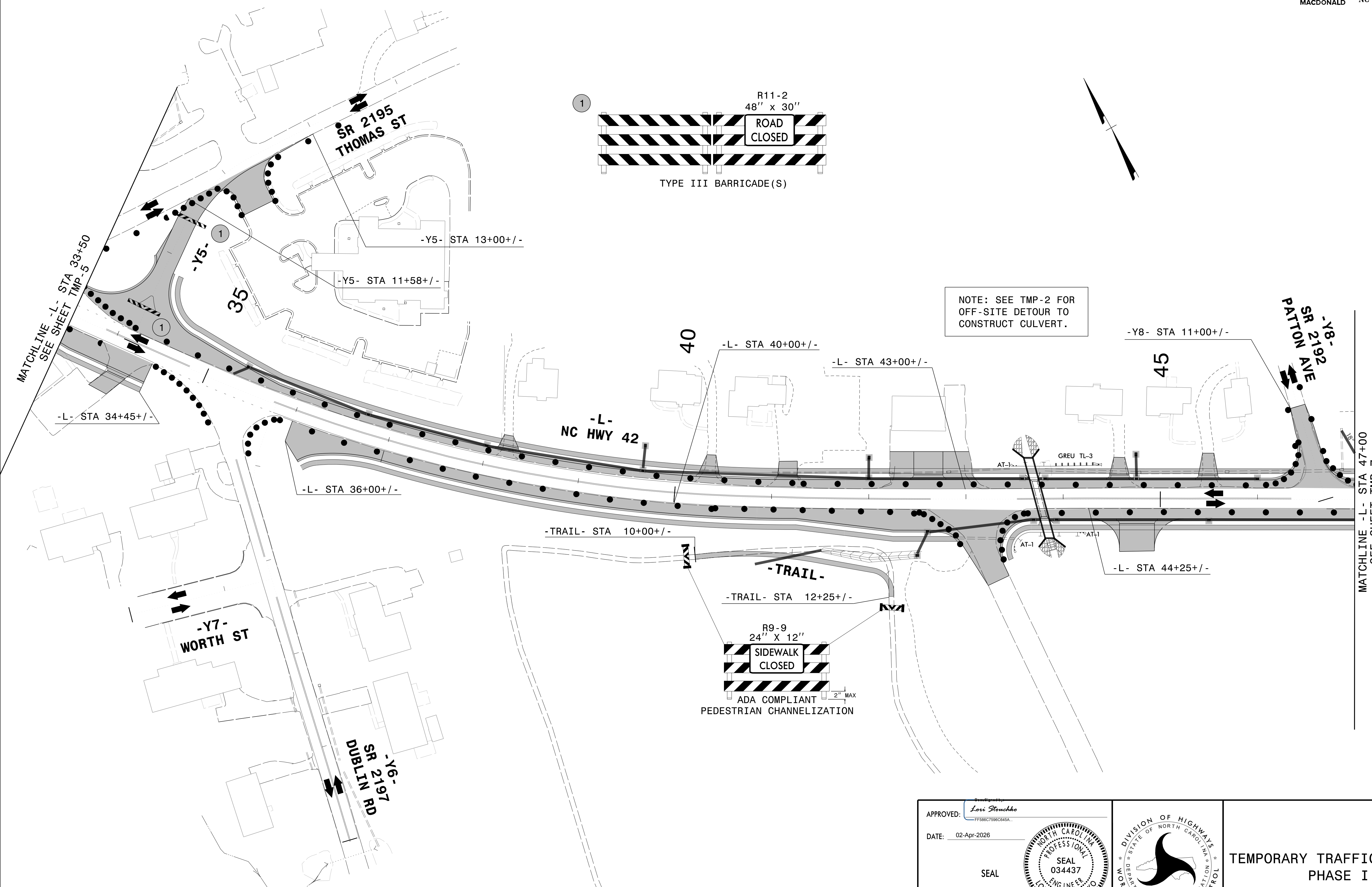
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PROJ. REFERENCE NO.	SHEET NO.
U-5743	TMP-6

PLANS PREPARED FOR THE NCDOT BY:
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 1101 HAYNES STREET, SUITE 101
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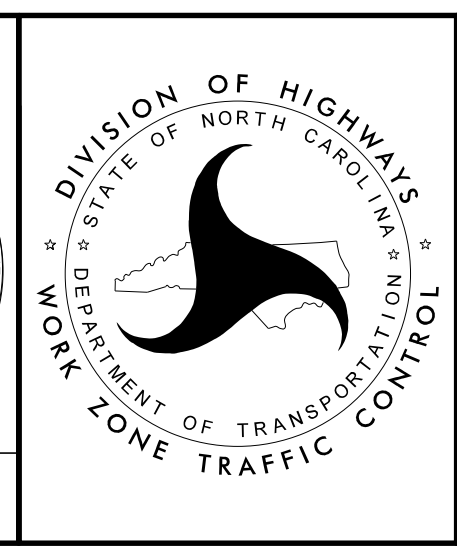
NOTE: SEE TMP-2 FOR OFF-SITE DETOUR TO CONSTRUCT CULVERT.



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DATE: 02-Apr-2026

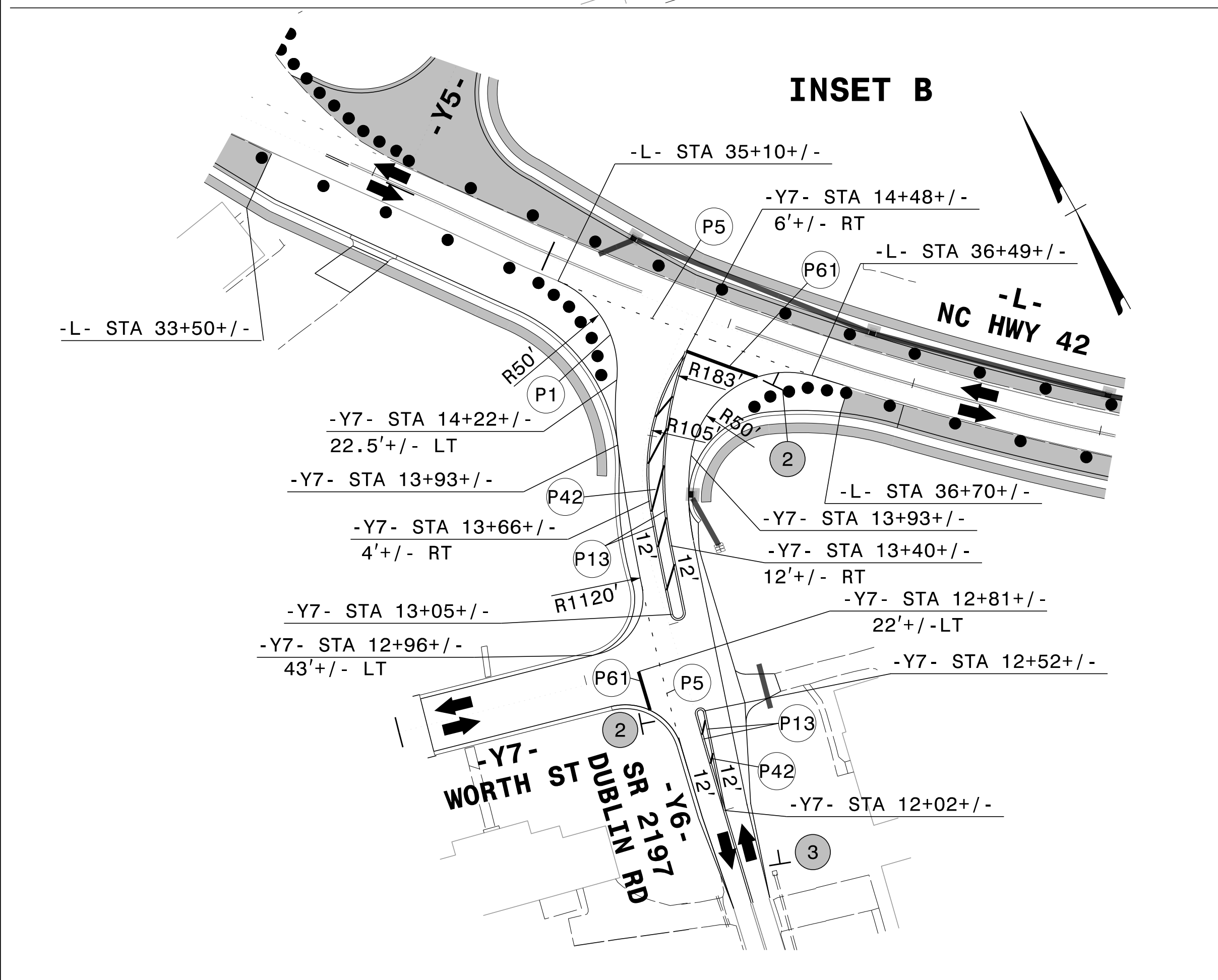
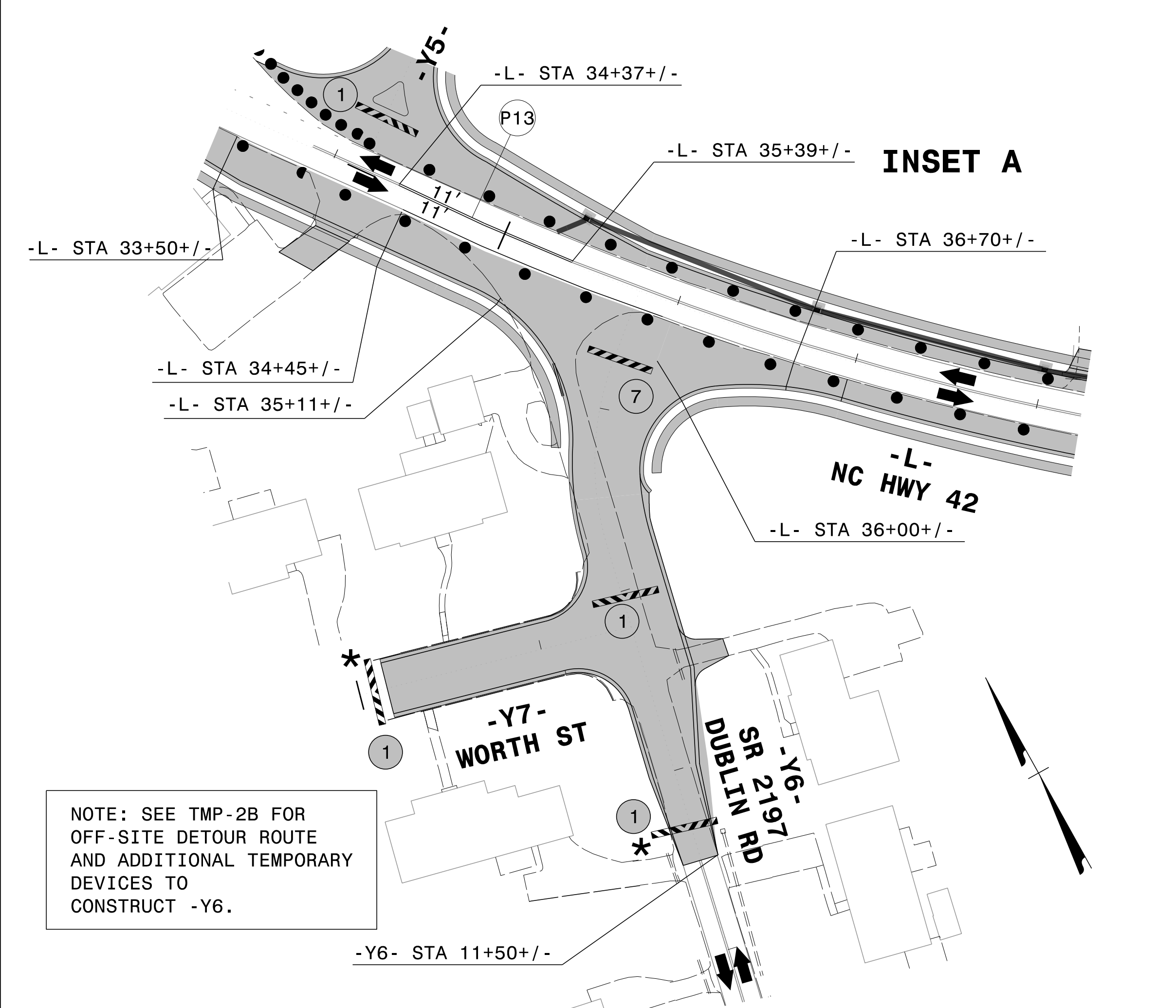
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TEMPORARY TRAFFIC CONTROL
 PHASE I

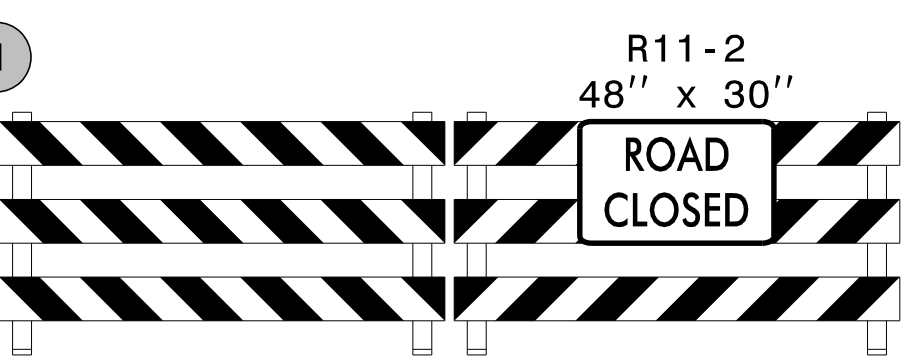
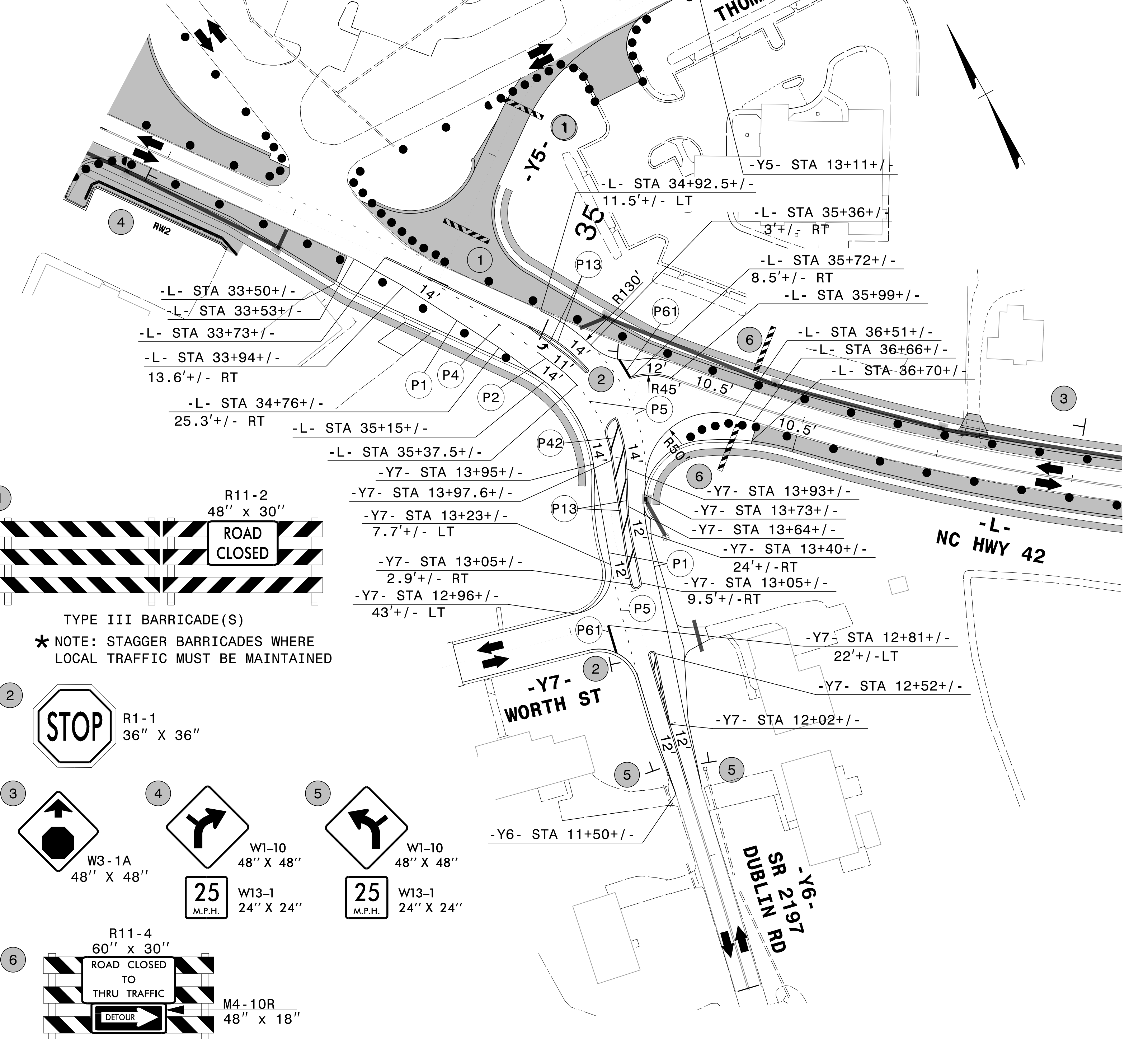
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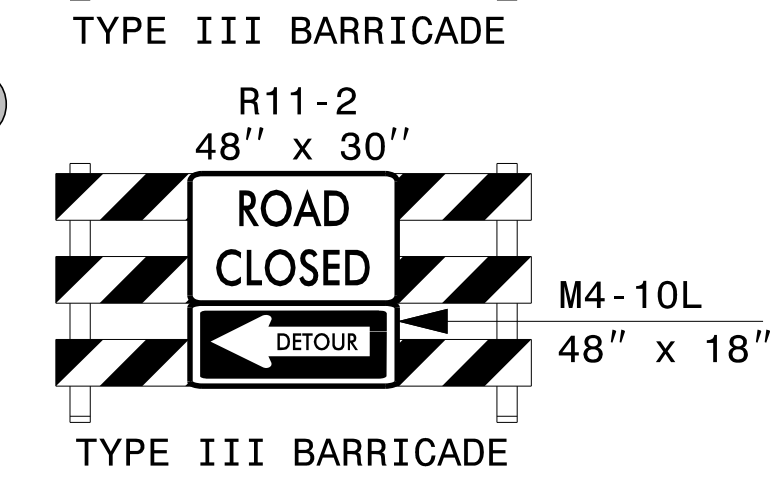
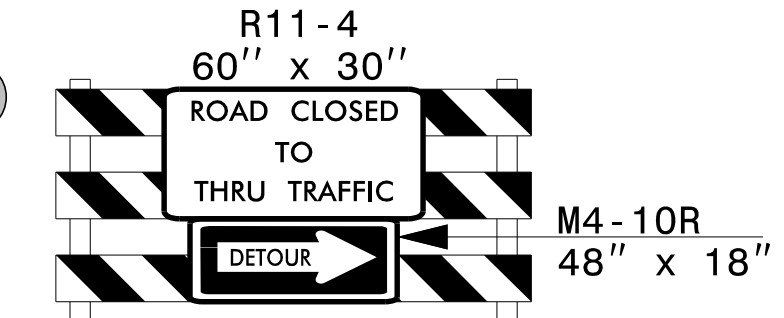
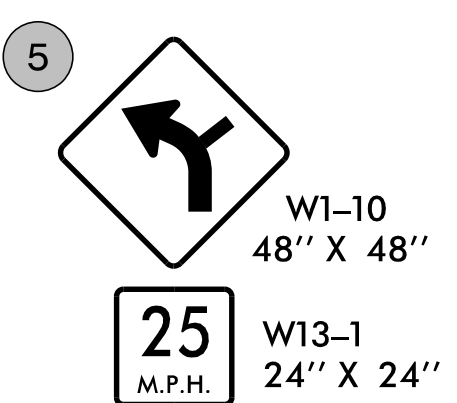
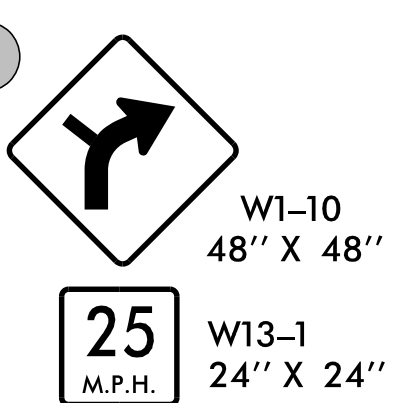
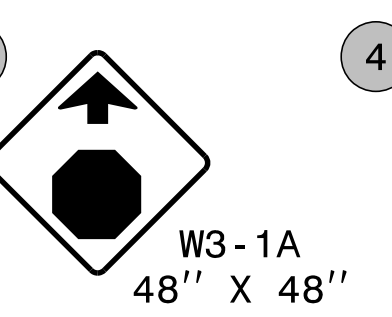
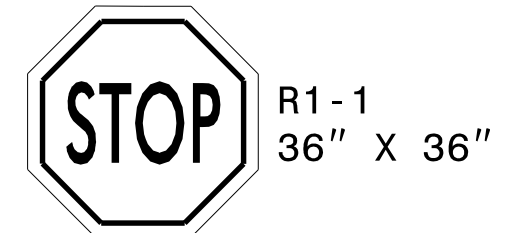


NOTE: SEE TMP-2 FOR OFF-SITE DETOUR ROUTE AND ADDITIONAL TEMPORARY DEVICES TO CONSTRUCT -Y6.

INSET C



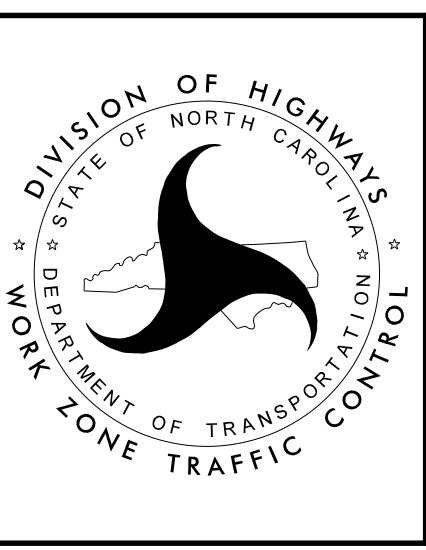
TYPE III BARRICADE(S)
* NOTE: STAGGER BARRICADES WHERE LOCAL TRAFFIC MUST BE MAINTAINED



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DATE: 02-Apr-2026

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TEMPORARY TRAFFIC CONTROL PHASE I

DIVISION OF HIGHWAYS
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

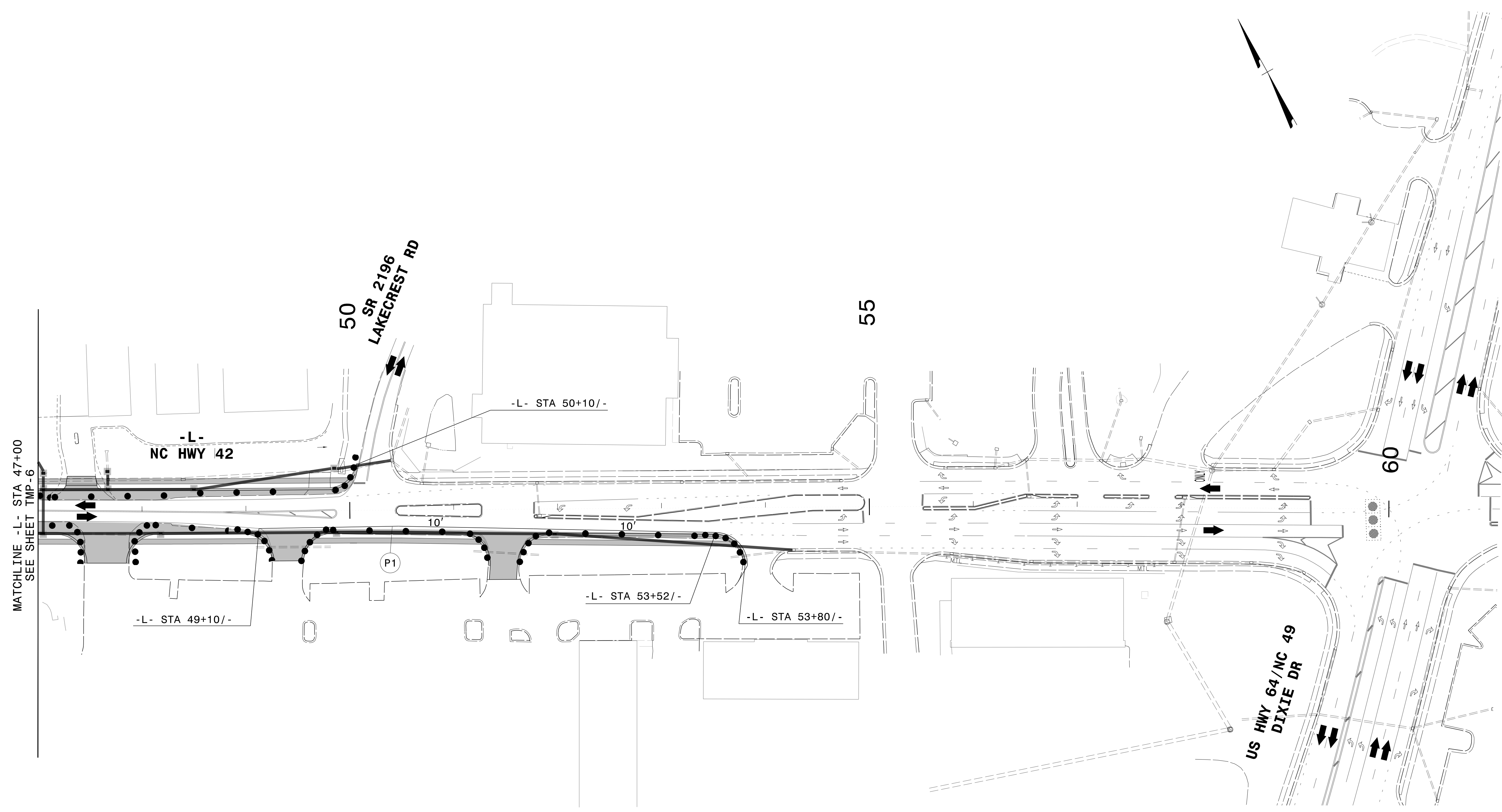
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PROJ. REFERENCE NO.	SHEET NO.
U-5743	TMP-7

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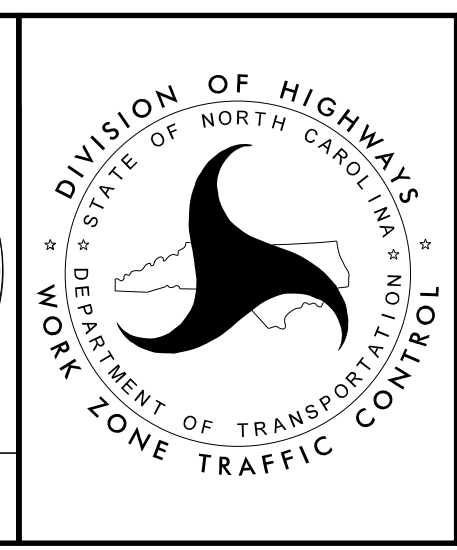
APPROVED: *Lois Stoucho*
FF586CT596C45A...

DATE: 02-Apr-2026

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 NORTH CAROLINA
 PROFESSIONAL
 034437
 ENGINEER
 LOIS D. STOUCHKO

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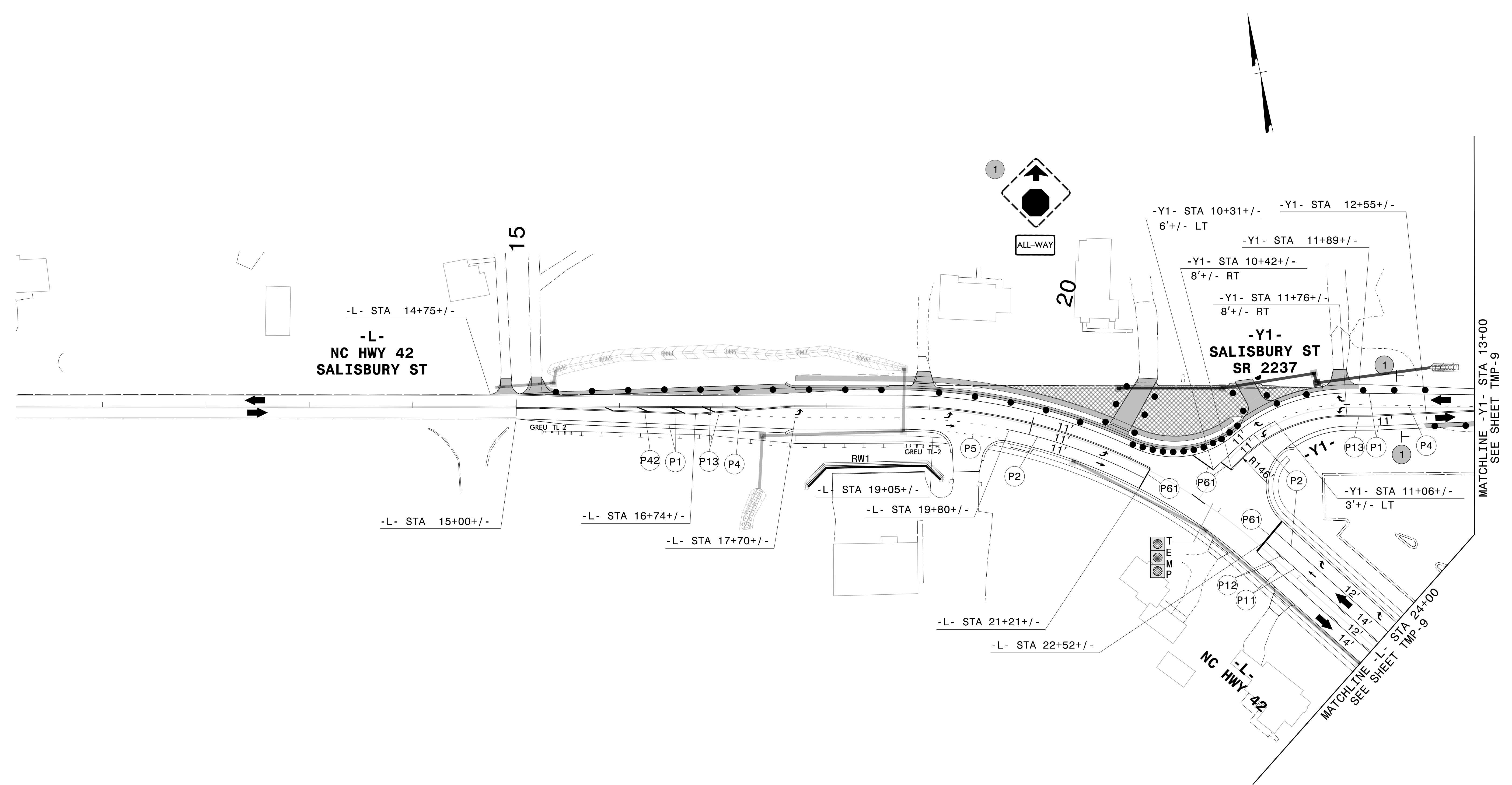
**TEMPORARY TRAFFIC CONTROL
 PHASE I**

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U-5743	TMP-8

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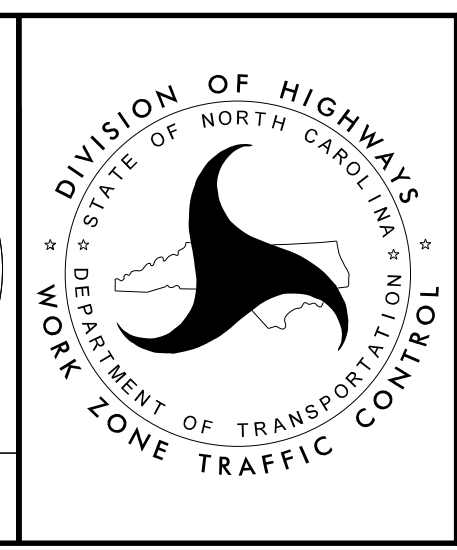
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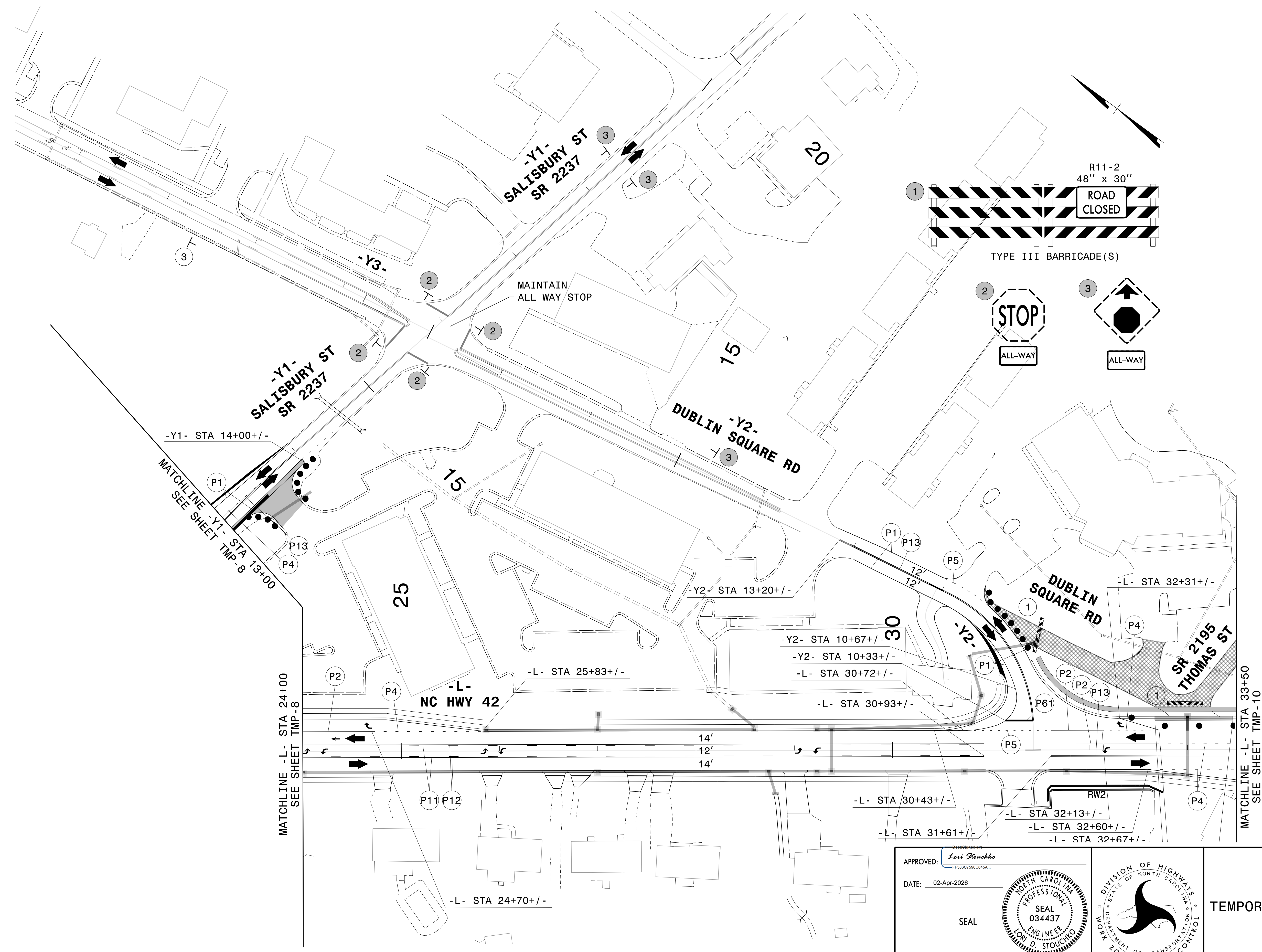
**TEMPORARY TRAFFIC CONTROL
PHASE II**

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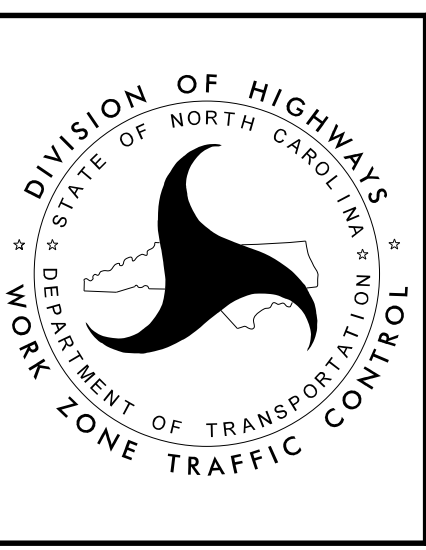


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DATE: 02-Apr-2026

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LEVI D. STOUCO
 PROFESSIONAL ENGINEER
 NO. 034437
 STATE OF NORTH CAROLINA



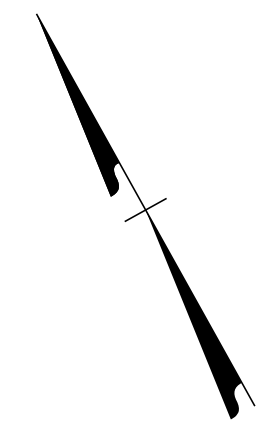
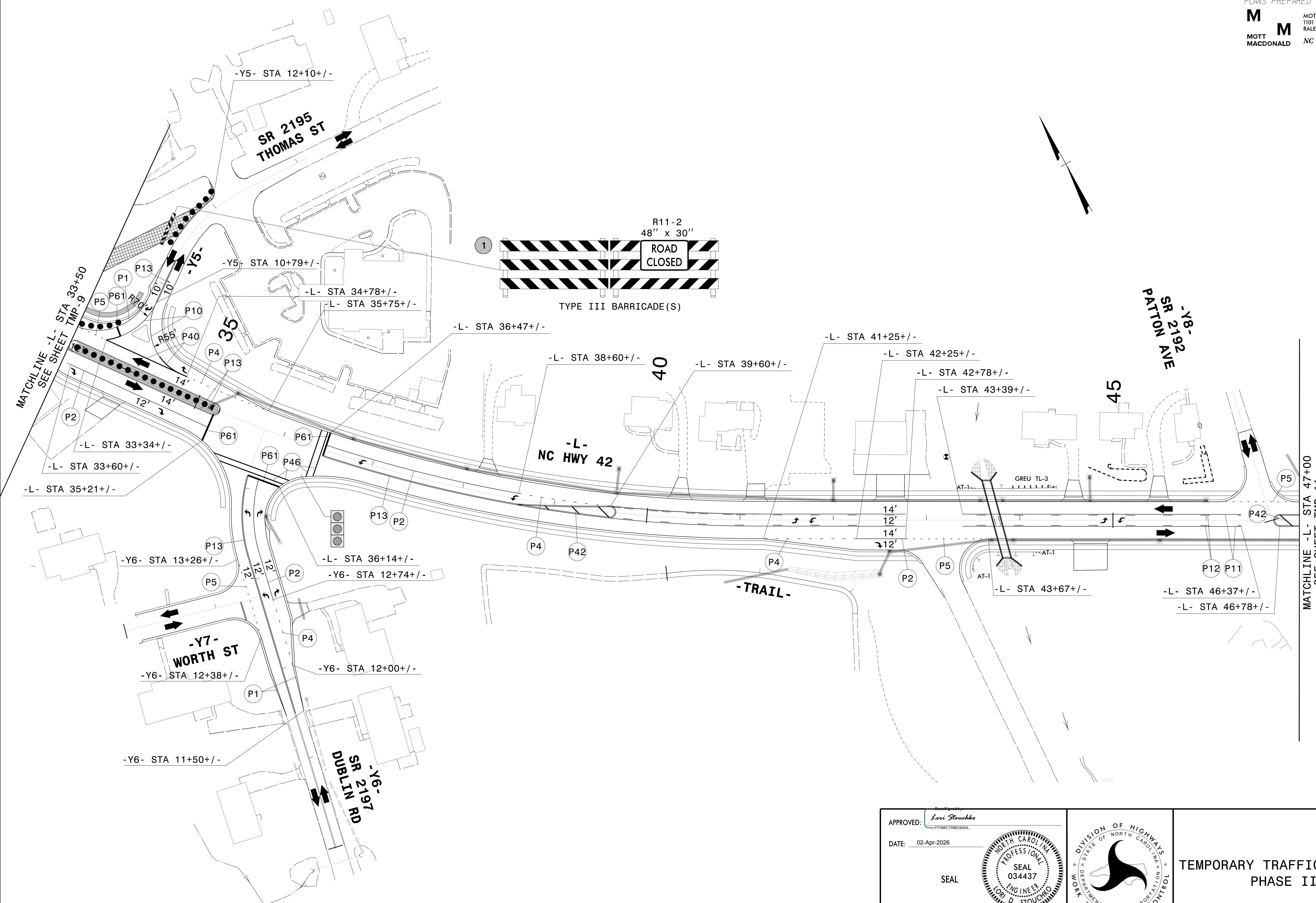
**TEMPORARY TRAFFIC CONTROL
 PHASE II**

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PROJ. REFERENCE NO.	SHEET NO.
U-5743	TMP-10

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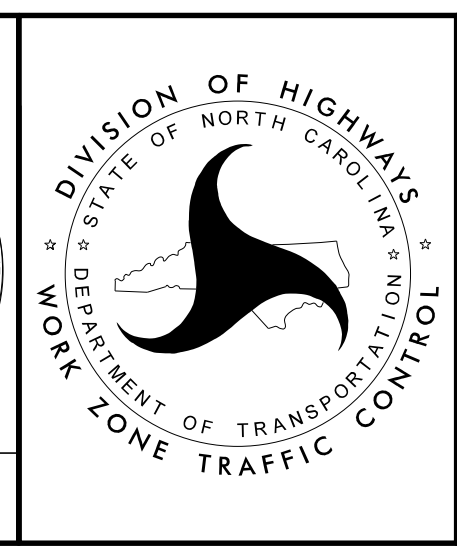


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 UNLESS ALL SIGNATURES COMPLETED**



**TEMPORARY TRAFFIC CONTROL
 PHASE II**

MATCHLINE -L- STA 47+00
SEE SHEET TMP-11

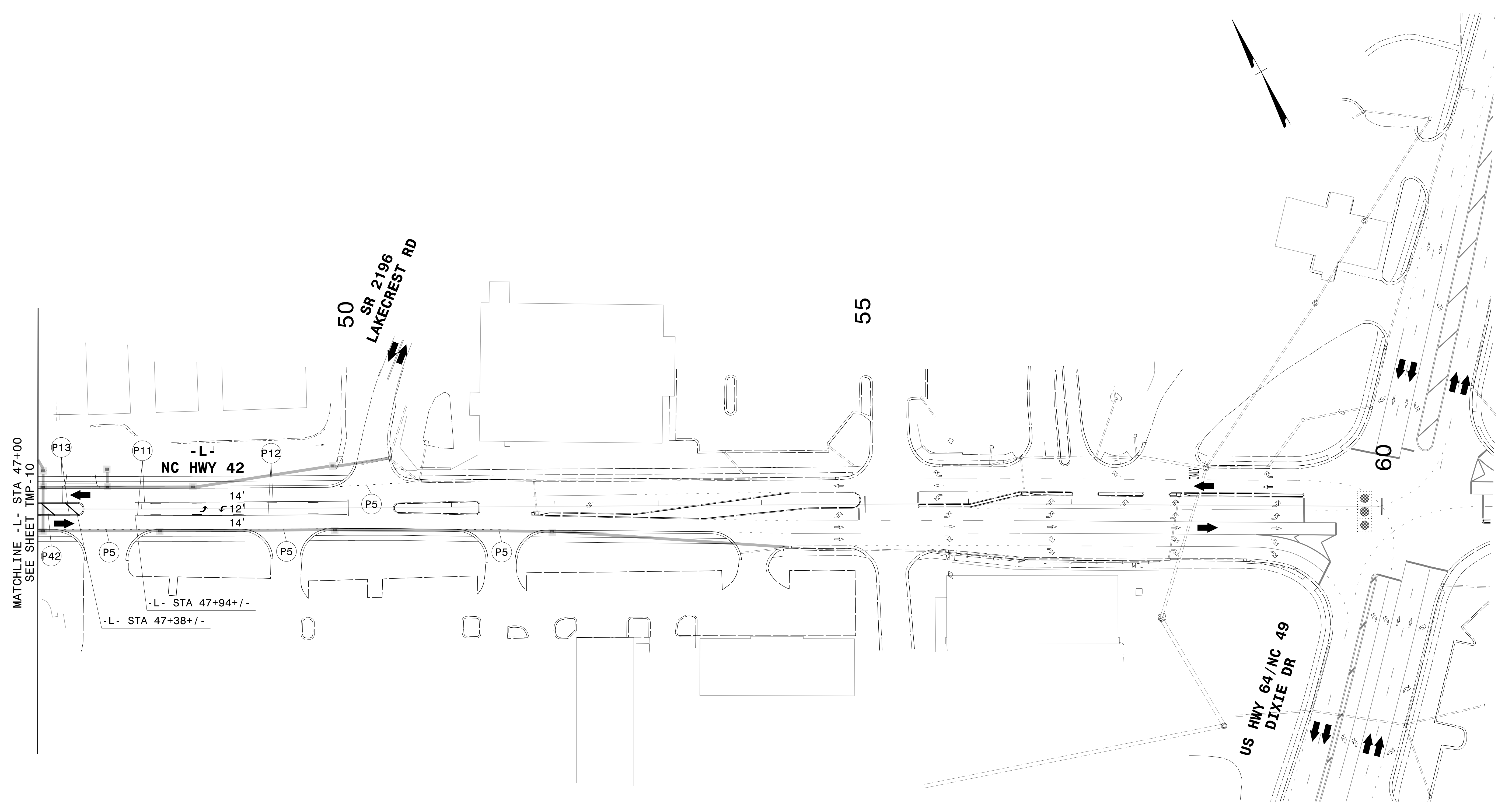
MATCHLINE -L- STA 33+50
SEE SHEET TMP-9

PROJ. REFERENCE NO.	SHEET NO.
U-5743	TMP-11

PLANS PREPARED FOR THE NCDOT BY:

M MOTT MACDONALD I & E, LLC
 1101 HAYNES STREET, SUITE 101
 RALEIGH, NC 27604
M MOTT MACDONALD
 NC LICENSE NO. F-0669

2/17/2026
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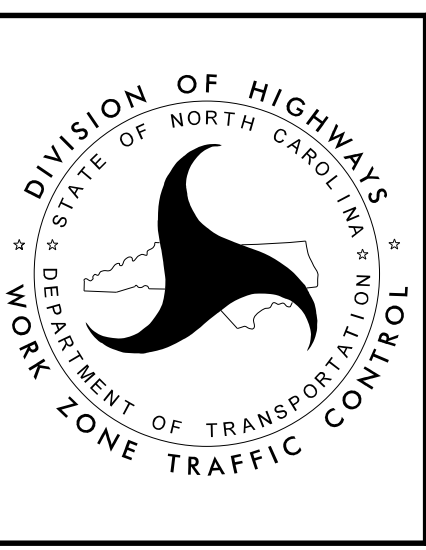


APPROVED: *Levi Stouckho*
FF586CT596C45A...

DATE: 02-Apr-2026

SEAL

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



**TEMPORARY TRAFFIC CONTROL
 PHASE II**