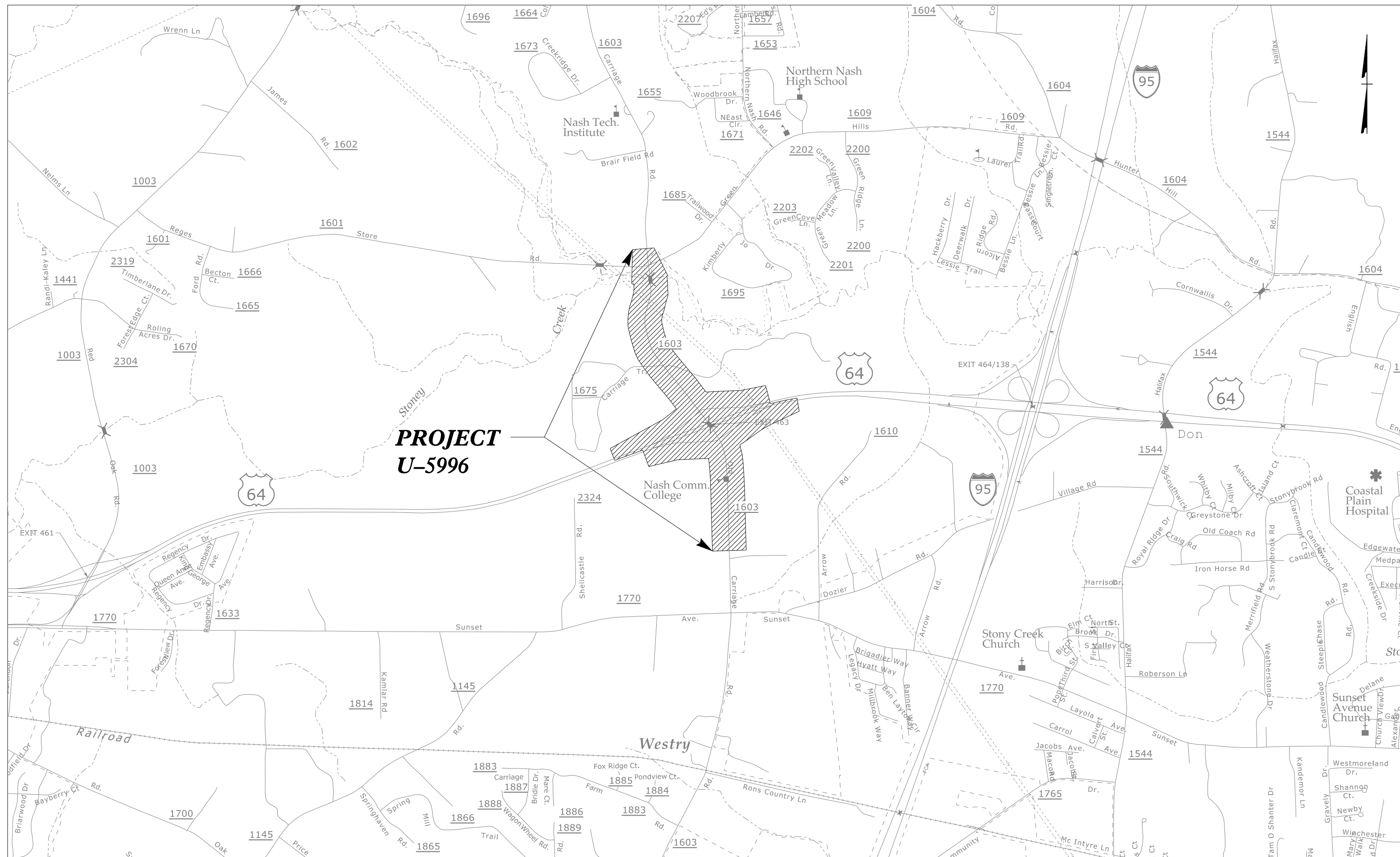
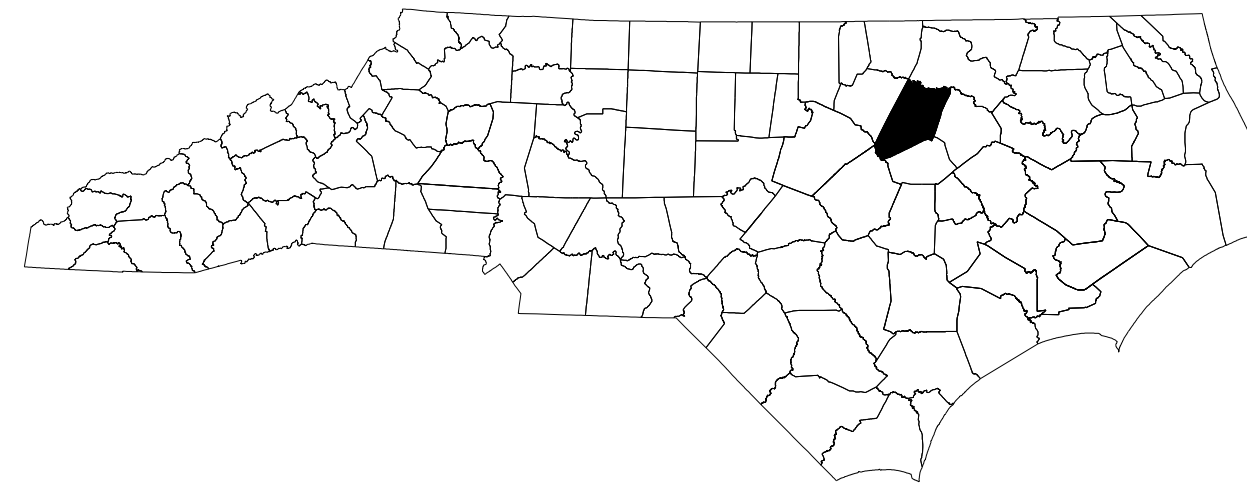


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

NASH COUNTY



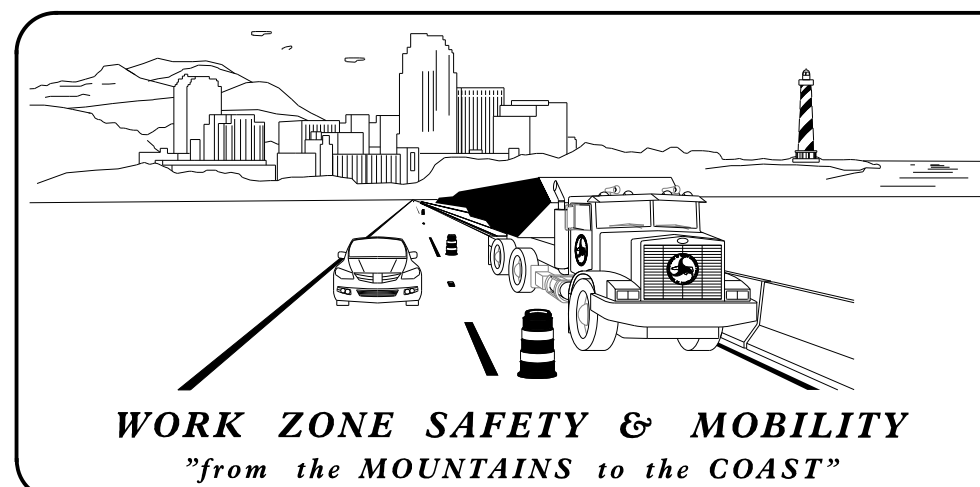
VICINITY MAP

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	ROADWAY STANDARD DRAWINGS & LEGEND
TMP-1B	TRANSPORTATION OPERATIONS PLAN: GENERAL NOTES
TMP-2	PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS
TMP-2A	TEMPORARY SHORING NOTES
TMP-2B	SPECIAL SIGN DETAILS
TMP-2C THRU TMP-2L	DETOUR PLANS
TMP-3	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4 THRU TMP-10	TEMPORARY TRAFFIC CONTROL PHASE I DETAIL
TMP-11	TEMPORARY TRAFFIC CONTROL PHASE I DETAIL STEP 11A
TMP-12	TEMPORARY TRAFFIC CONTROL PHASE I DETAIL STEP 11B
TMP-13	TEMPORARY TRAFFIC CONTROL PHASE I DETAIL STEP 11C
TMP-14	TEMPORARY TRAFFIC CONTROL PHASE I DETAIL STEP 12
TMP-15	TEMPORARY TRAFFIC CONTROL PHASE I DETAIL STEP 13
TMP-16	TEMPORARY TRAFFIC CONTROL PHASE I DETAIL STEP 6
TMP-17 THRU TMP-18	TEMPORARY TRAFFIC CONTROL PHASE I CUT SECTIONS
TMP-19 THRU TMP-25	TEMPORARY TRAFFIC CONTROL PHASE II DETAIL
TMP-26 THRU TMP-28	TEMPORARY TRAFFIC CONTROL PHASE III DETAIL
TMP-29 THRU TMP-31	TEMPORARY TRAFFIC CONTROL PHASE IV DETAIL

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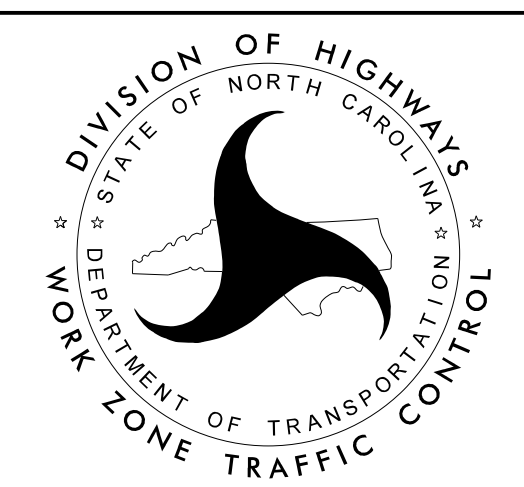
TIP PROJECT:

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PLANS PREPARED BY:
J. TOWNSEND, PE (VHB)

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PROJECT ENGINEER
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ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.06	WARNING SIGNS FOR BLASTING ZONES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	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 MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMP
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
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1205.15	PAVEMENT MARKINGS - SUPERSTREETS
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

PROJ. REFERENCE NO.	SHEET NO.
U-5996	TMP-1A

GENERAL

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

- WORK AREA
- WEDGING
- TEMPORARY WEDGING
- TEMPORARY PAVEMENT

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

TEMPORARY PAVEMENT MARKING

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
	PAINT (4")		PAINT (12")
P1	WHITE EDGELINE	P50	WHITE GORELINE
P2	WHITE SOLID LANE LINE	P52	YELLOW DIAGONAL
P3	10 FT. WHITE SKIP	P54	3 FT. - 9 FT./SP WHITE MINISKIP
P4	3 FT.- 9 FT./SP WHITE MINISKIP	P61	WHITE STOPBAR
P5	2 FT. - 6 FT./SP WHITE MINISKIP		PAINT PAVEMENT MARKING SYMBOL
P10	YELLOW EDGELINE	P70	LEFT TURN ARROW
P11	YELLOW SINGLE CENTER	P71	RIGHT TURN ARROW
P12	10 FT. YELLOW SKIP	P72	STRAIGHT ARROW
P13	YELLOW DOUBLE CENTER	P73	COMBO. STRAIGHT/LEFT
P14	2 FT. - 6 FT./SP YELLOW MINISKIP	P74	COMBO. STRAIGHT/RIGHT
	PAINT (6")	P75	COMBO. LEFT/RIGHT ARROW
P20	WHITE EDGELINE	P103	24" YIELD TRIANGLE
P21	WHITE SOLID LANE LINE	P110	FISH-HOOK STRAIGHT ARROW
P22	10 FT. WHITE SKIP	P112	FISH-HOOK RIGHT/STRAIGHT ARROW
P23	3 FT.- 9 FT./SP WHITE MINISKIP	P116	FISH-HOOK W/CIRCLE LEFT ARROW
P30	YELLOW EDGELINE	P117	FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW
	PAINT (8")		PAINT PAVEMENT MARKING CHARACTER
P40	WHITE GORELINE	P100	ALPHANUMERIC CHAR.
P41	WHITE DIAGONAL		
P42	YELLOW DIAGONAL		
P43	WHITE SOLID LANE LINE		
P44	3 FT. - 9 FT./SP WHITE MINISKIP		
P45	3 FT. - 3 FT./SP WHITE MINISKIP		

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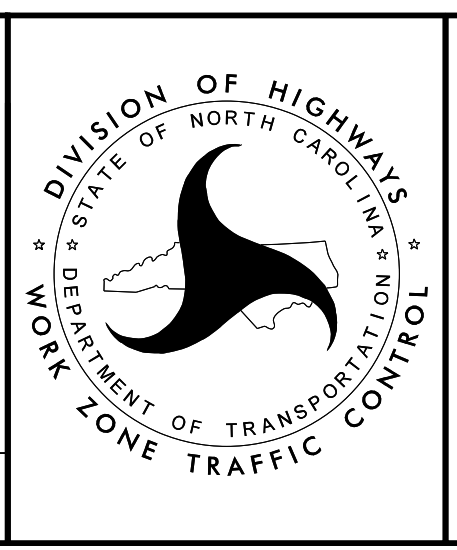


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DATE: _____

11/16/2021

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ROADWAY STANDARD
DRAWINGS & LEGEND

GENERAL NOTES

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

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

TIME RESTRICTIONS

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

ROAD NAME	DAY AND TIME RESTRICTIONS
US 64 AND RAMPS	6AM TO 7PM (MON. THRU FRI.)
OLD CARRIAGE RD	6AM TO 9AM & 4PM TO 7PM (MON. THRU FRI.)
REGES STORE RD	6AM TO 9AM & 4PM TO 7PM (MON. THRU FRI.)
GREEN HILLS RD	6AM TO 9AM & 4PM TO 7PM (MON. THRU FRI.)

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

ROAD NAME

US 64 AND RAMPS, OLD CARRIAGE RD, REGES STORE RD, AND GREEN HILLS RD

HOLIDAY

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

C) DO NOT CLOSE ROADS AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS
US 64 AND RAMPS	5AM TO 12AM (MON. THRU SUN.)

D) 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

- E) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO A DIVIDED FACILITY AND WITHIN 10 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

H) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRAFFIC CONTROL PLANS, ROADWAY STANDARD DRAWINGS, OR AS DIRECTED BY THE ENGINEER. CONDUCT THE WORK SO THAT ALL PERSONNEL AND/OR EQUIPMENT REMAIN WITHIN THE CLOSED TRAVEL LANE.

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

PAVEMENT EDGE DROP OFF REQUIREMENTS

J) 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.

K) 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

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

SIGNING

- M) 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.
- N) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- O) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 200 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC BARRIER

P) 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.

Q) 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

R) 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 RADIUS, 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.

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

T) PLACE ADDITIONAL SETS OF THREE CHANNELIZING DEVICES PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
US 64 AND RAMPS	PAINT	TEMPORARY RAISED
ALL OTHER ROADS	PAINT	NONE

V) 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.

W) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

X) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

Y) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION.

PLACE SKINNY DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION.

MISCELLANEOUS

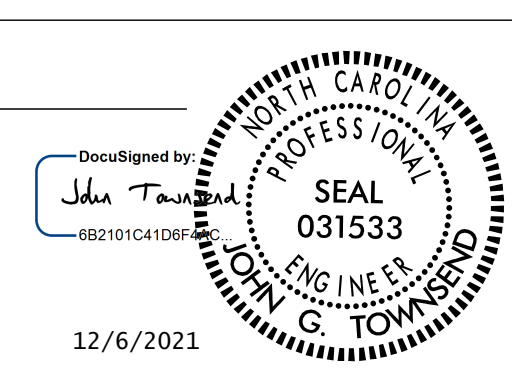
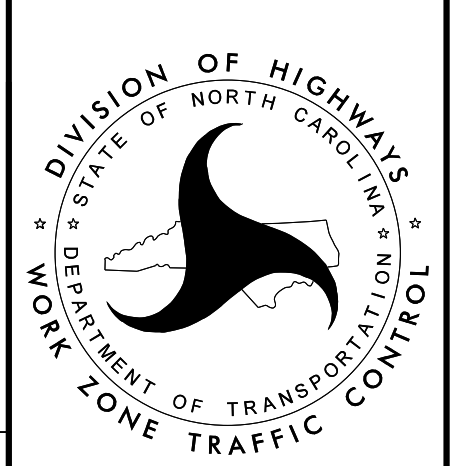
Z) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

AA) 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) 200 FT AND 200 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

BB) 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.

CC) 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.).

DD) NOTIFY THE OVERSIZE / OVERWEIGHT PERMIT GROUP TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

APPROVED: _____ DATE: _____	 <p>12/6/2021</p>	
TRANSPORTATION OPERATIONS PLAN: GENERAL NOTES		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



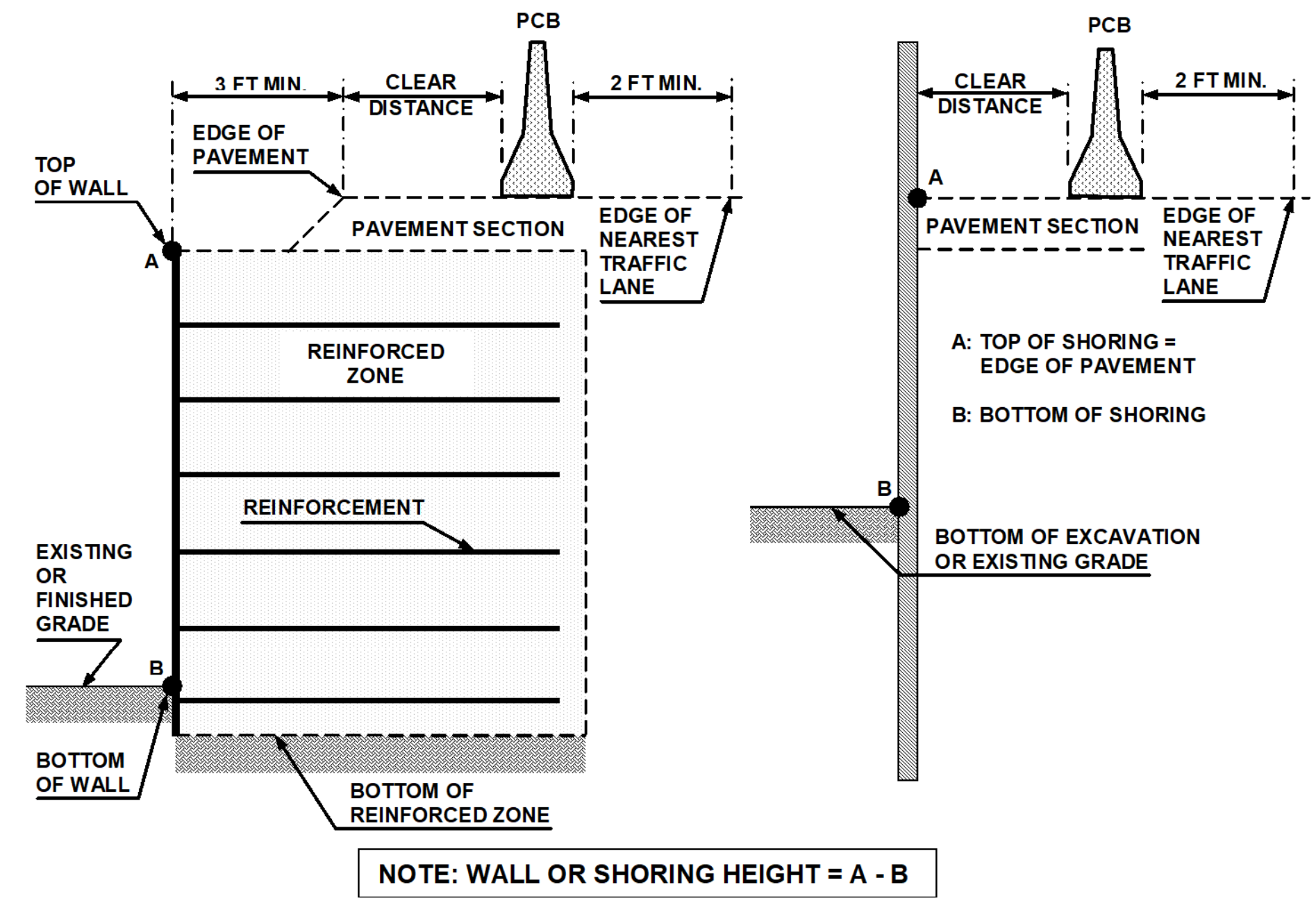


FIGURE A

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 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 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- PCB REQUIREMENTS FOR TEMPORARY WALLS APPLY TO TEMPORARY MECHANICALLY STABILIZED EARTH (MSE) WALLS AND TEMPORARY SOIL NAIL WALLS.
- 8- 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.
- 9- 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 DISTANCES ARE NOT AVAILABLE, CONTACT THE ENGINEER.
- 10- TABLE SHOWN IN FIGURE B IS BASED ON NCDOT RESEARCH PROJECT NO. 2005-010 WITH VEHICLE TYPE USED FOR NCHRP 350 CRASH TESTS. BARRIER DEFLECTIONS AND RESULTING MINIMUM REQUIRED CLEAR DISTANCES MIGHT VARY SIGNIFICANTLY FOR LARGER HEAVIER VEHICLES, RUNS OF BARRIER LESS THAN 200 FT IN LENGTH AND WET OR DRY PAVEMENT.

MINIMUM REQUIRED CLEAR DISTANCE, inches

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
	Concrete	44-50	31	35	41	43	46	49
		50-56	32	36	42	44	47	50
		>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
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

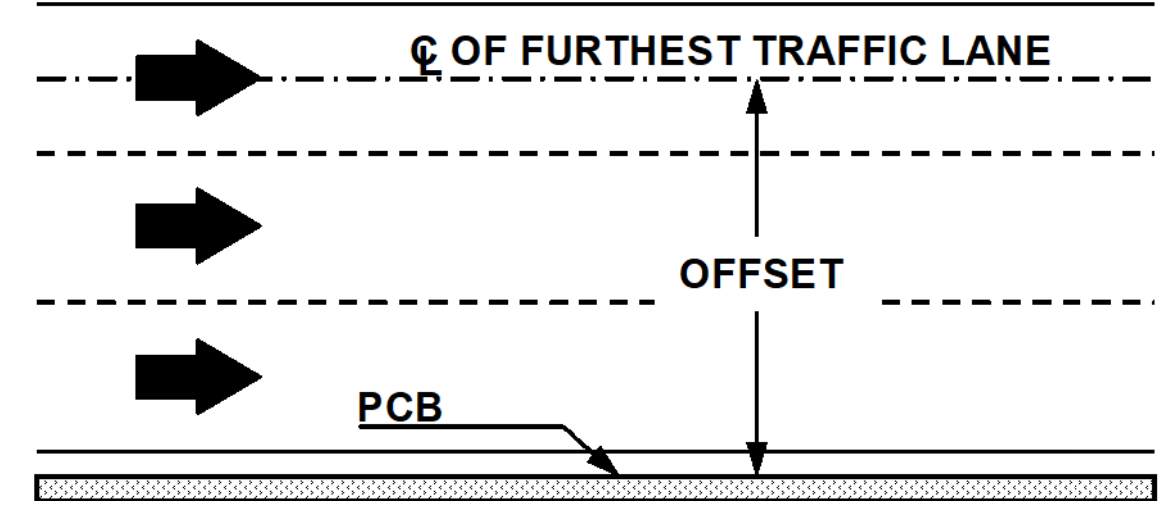
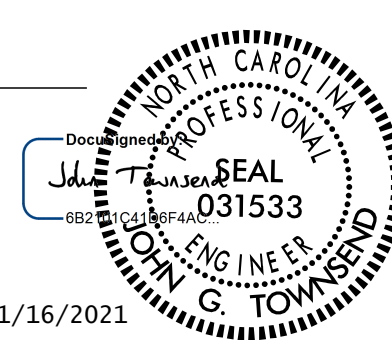



FIGURE B

APPROVED: _____ DATE: _____  11/16/2021		PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

11/13/2021
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 User:jtownsend

SIGN NUMBER: SP-1 BACKG COLOR: Fluorescent Orange DESIGN BY: JGT CHECKED BY: Jan 22, 2020
 TYPE: D COPY COLOR: Black PROJECT ID: U-5996 LOCATION: DIV: 04
 QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 3'-0"
 HEIGHT: 3'-0"
 TOTAL AREA: 9.0 Sq.Ft.

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

NO. Z BARS: MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH:

USE NOTES:
 1. Legend and border shall be direct applied non-reflective sheeting.
 2. Background shall be Grade B, fluorescent orange reflective sheeting.
 3. To be mounted with detour signing.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																					Series/Size Text Length
	O	L	D																		C 2000
	12	4.7	3.9	3.4	12																12
		C	A	R	R	I	A	G	E												C 2000
	2.3	4.1	4.7	4.4	4.4	1.7	4.6	4.6	3.1	2.3											31.4
		R	D																		C 2000
	14.1	4.4	3.4	14.1																	7.7

FILENAME: u5996_tmp_ts101

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP-3 BACKG COLOR: Fluorescent Orange DESIGN BY: JGT CHECKED BY: Jan 22, 2020
 TYPE: D COPY COLOR: Black PROJECT ID: U-5996 LOCATION: DIV: 04
 QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 3'-0"
 HEIGHT: 3'-0"
 TOTAL AREA: 9.0 Sq.Ft.

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

NO. Z BARS: MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH:

USE NOTES:
 1. Legend and border shall be direct applied non-reflective sheeting.
 2. Background shall be Grade B, fluorescent orange reflective sheeting.
 3. To be mounted with detour signing.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																					Series/Size Text Length
	R	E	G	E	S																C 2000
	8	4.4	4	4.6	3.8	3.4	8														20
		S	T	O	R	E															C 2000
	8.1	3.9	3.8	4.7	4.4	3.1	8.1														19.9
		R	D																		C 2000
	14.1	4.4	3.4	14.1																	7.7

FILENAME: u5996_tmp_sp-2

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: SP-2 BACKG COLOR: Fluorescent Orange DESIGN BY: JGT CHECKED BY: Jan 22, 2020
 TYPE: D COPY COLOR: Black PROJECT ID: U-5996 LOCATION: DIV: 04
 QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 3'-0"
 HEIGHT: 3'-0"
 TOTAL AREA: 9.0 Sq.Ft.

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

NO. Z BARS: MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH:

USE NOTES:
 1. Legend and border shall be direct applied non-reflective sheeting.
 2. Background shall be Grade B, fluorescent orange reflective sheeting.
 3. To be mounted with detour signing.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

																					Series/Size Text Length
	G	R	E	E	N																C 2000
	7.8	4.6	4.4	4.1	4.1	3.4	7.8														20.5
		H	I	L	L	S															C 2000
	9.1	4.7	2.2	3.9	3.6	3.4	9.2														17.7
		R	D																		C 2000
	14.1	4.4	3.4	14.1																	7.7

FILENAME: u5996_tmp_sp-2

NORTH CAROLINA D.O.T. SIGN DETAIL

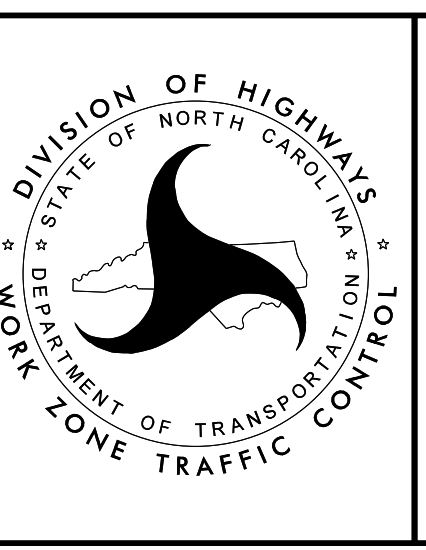
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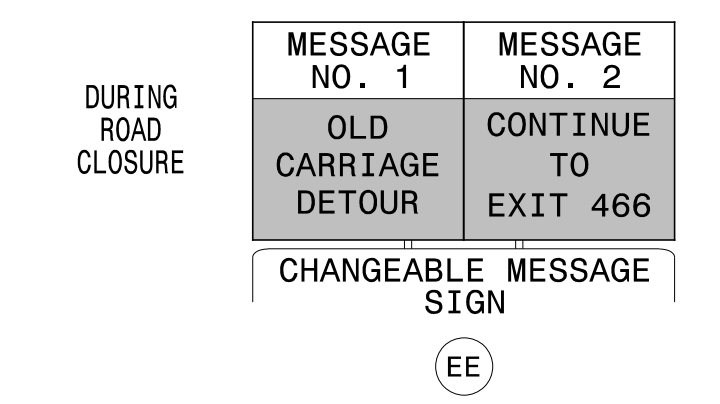
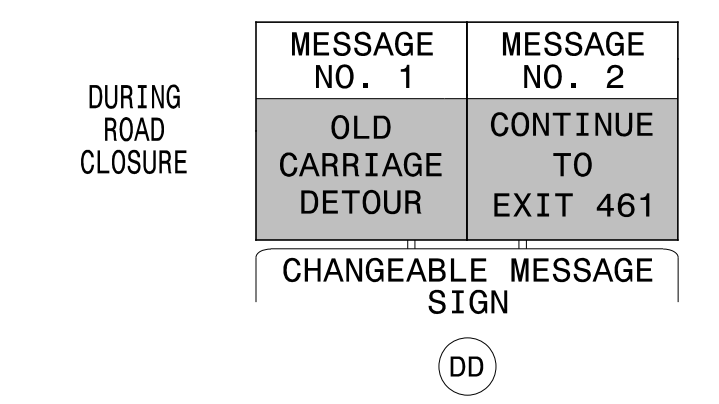
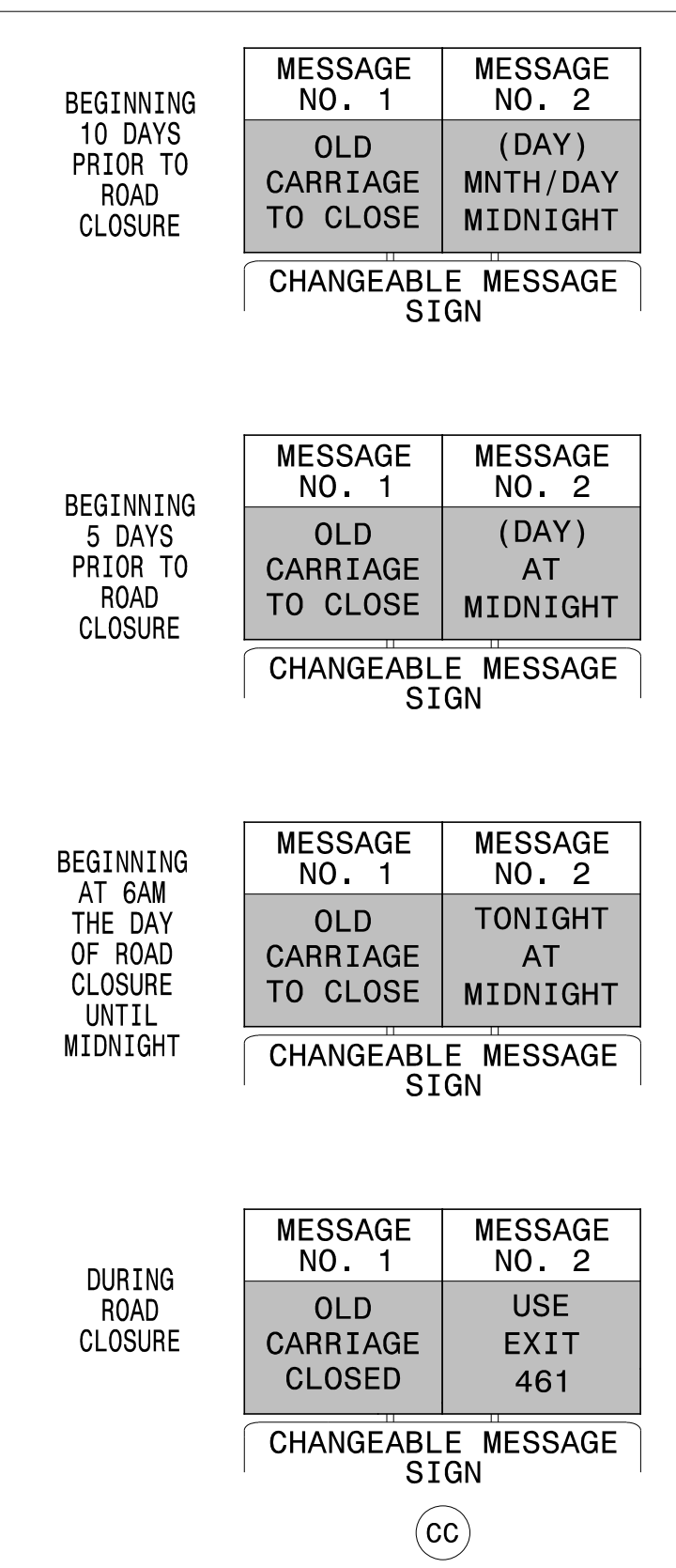
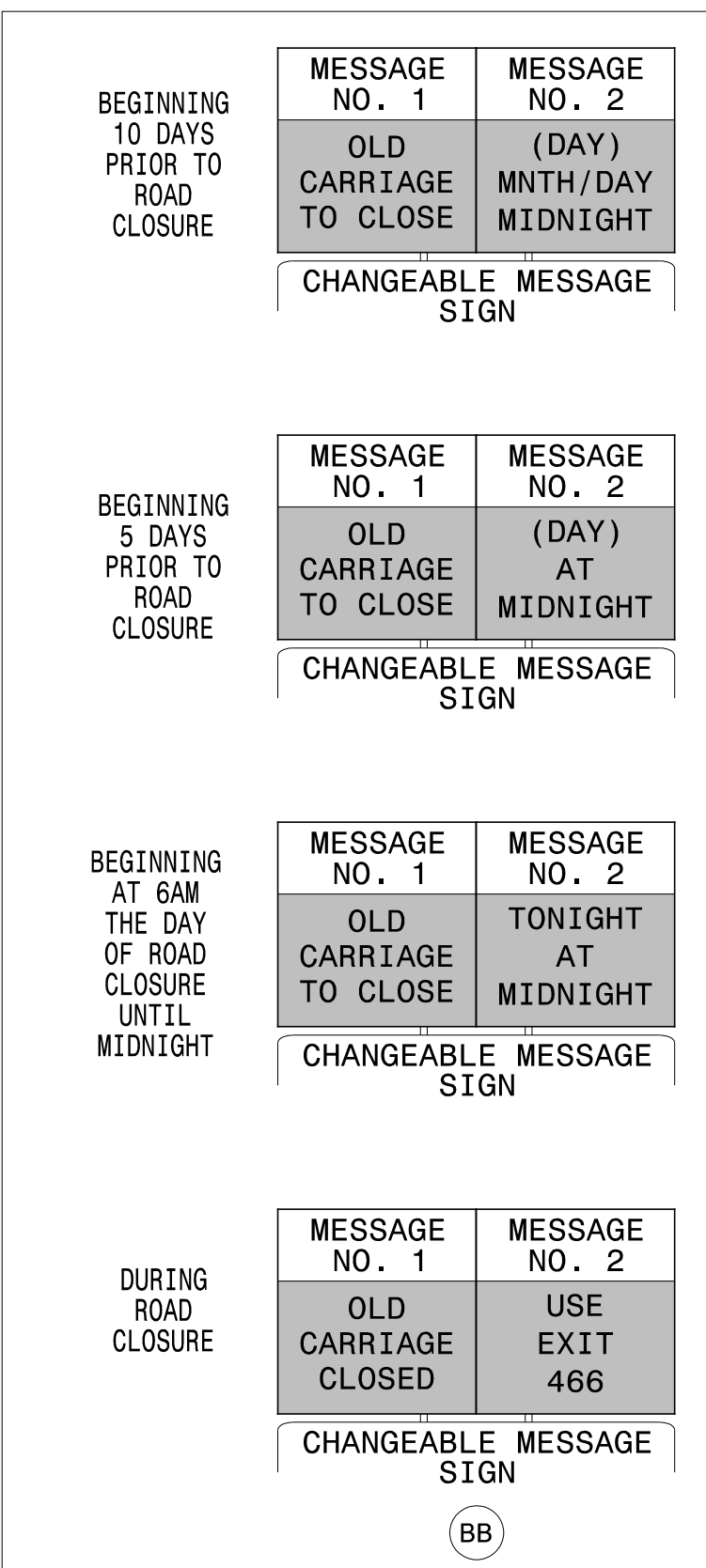
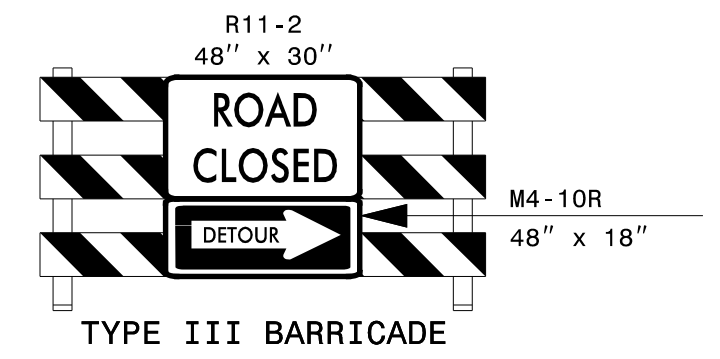
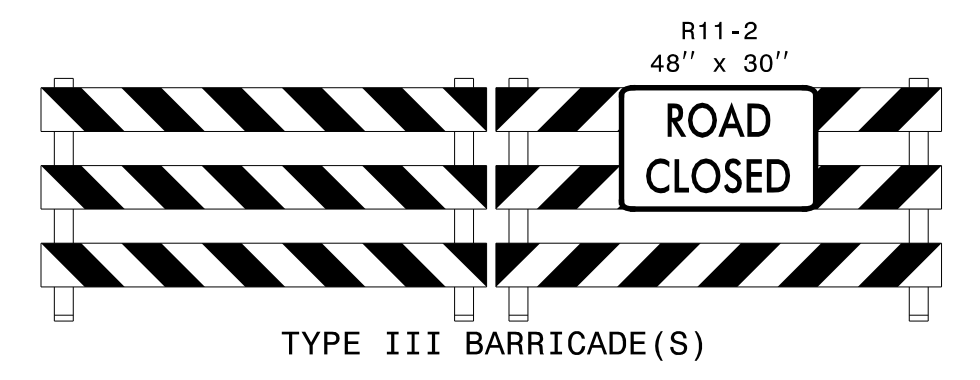
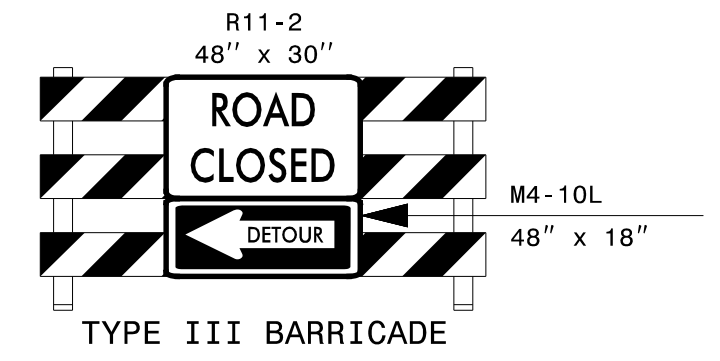
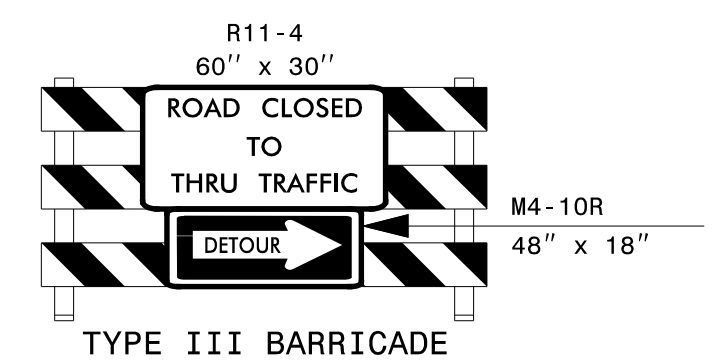
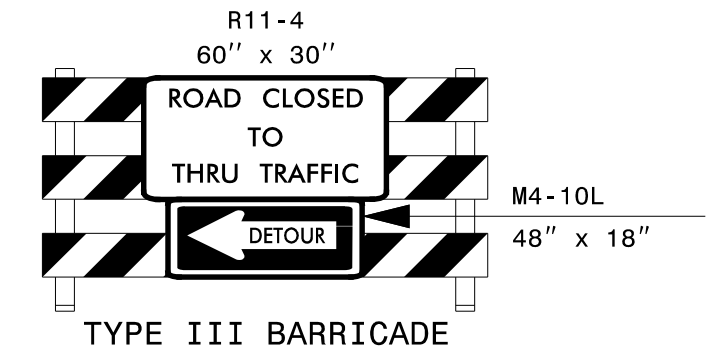
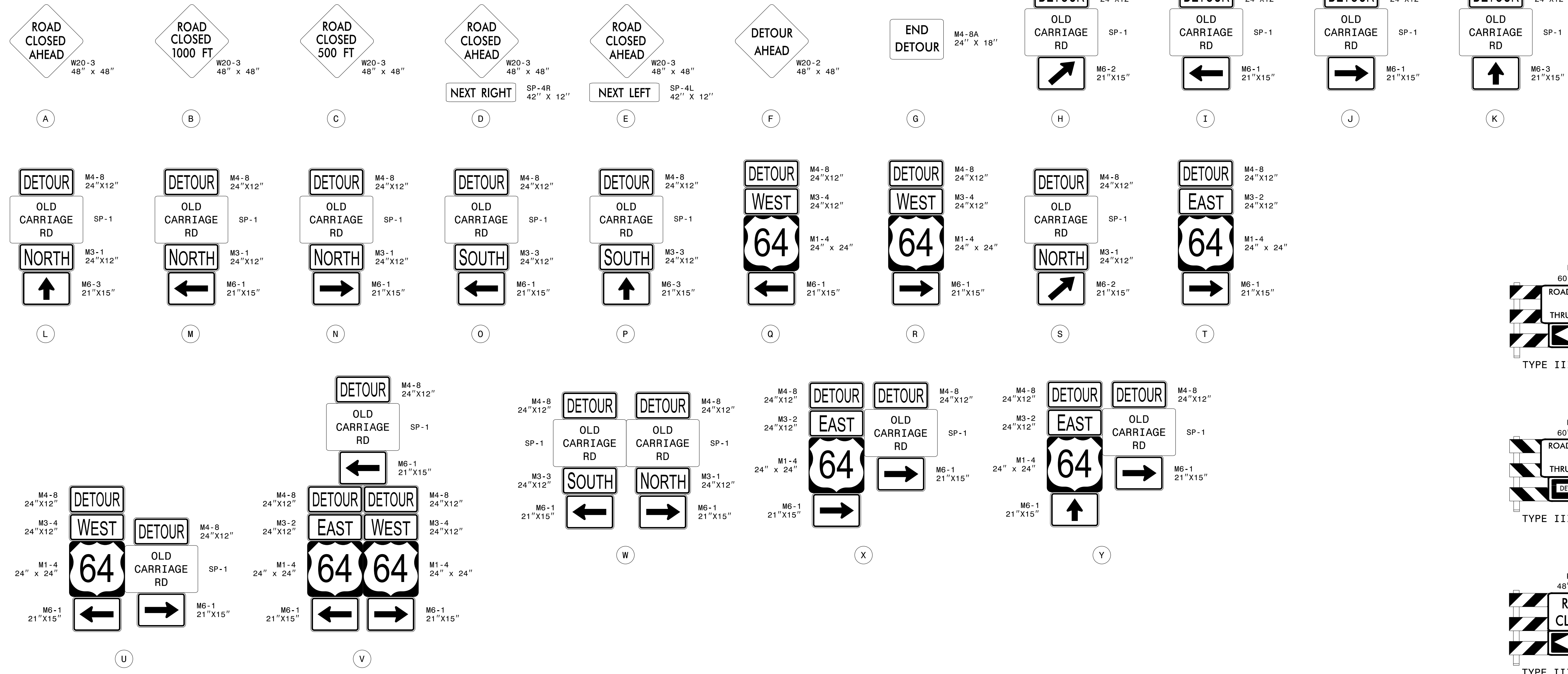
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11/16/2021

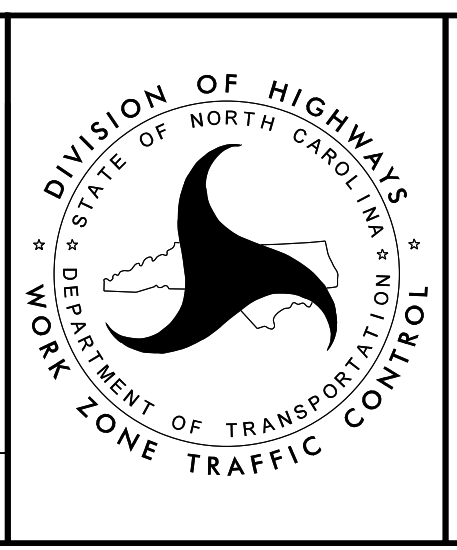
DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED



SPECIAL SIGN DESIGNS



APPROVED: _____
 DATE: _____
 11/16/2021
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

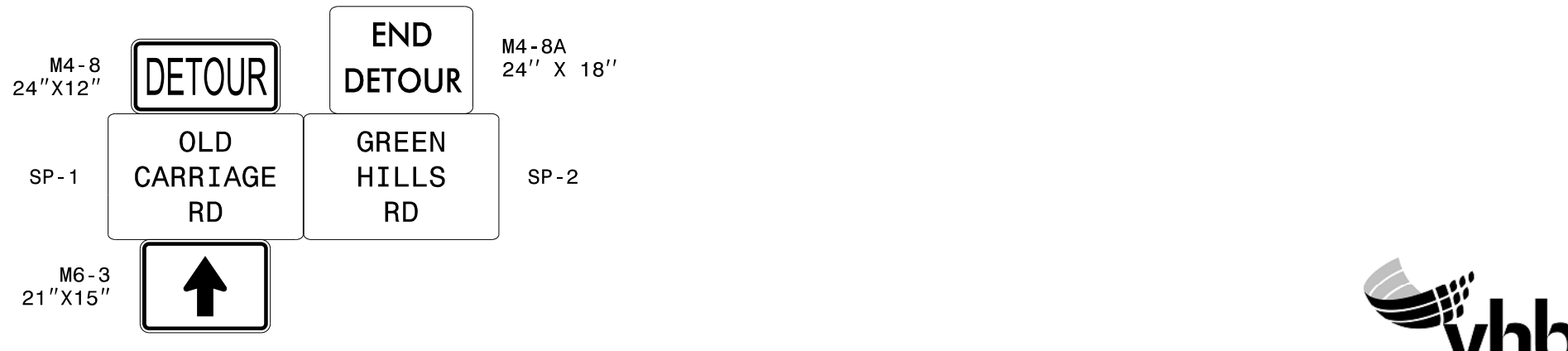
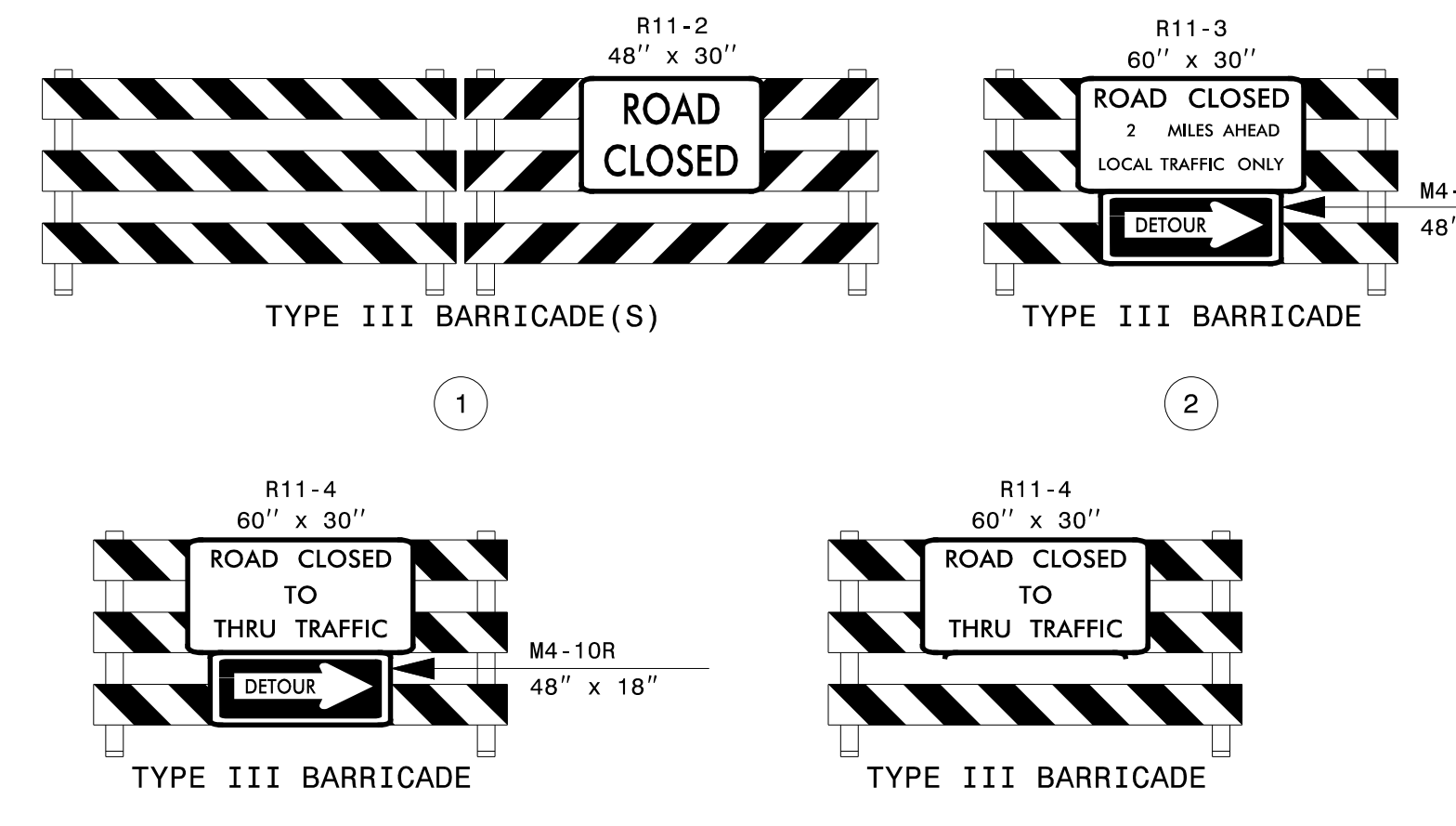
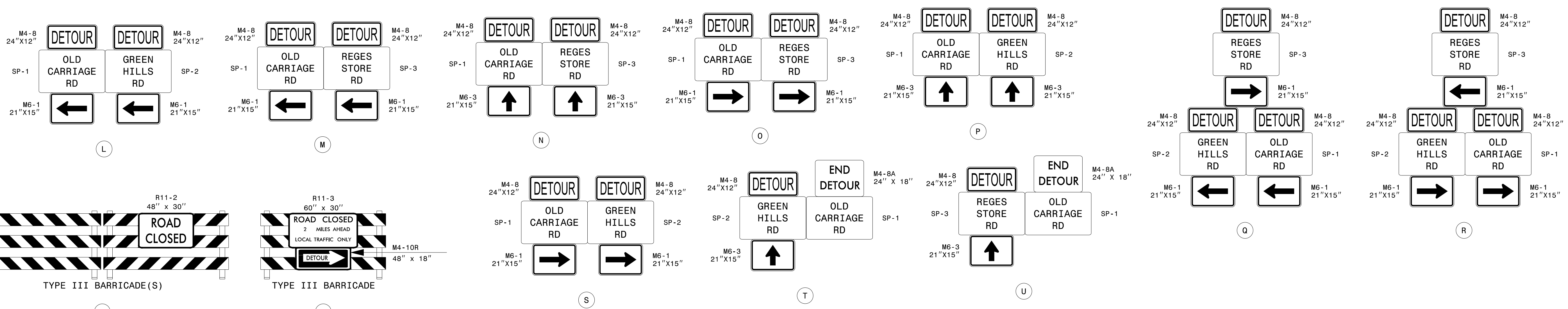
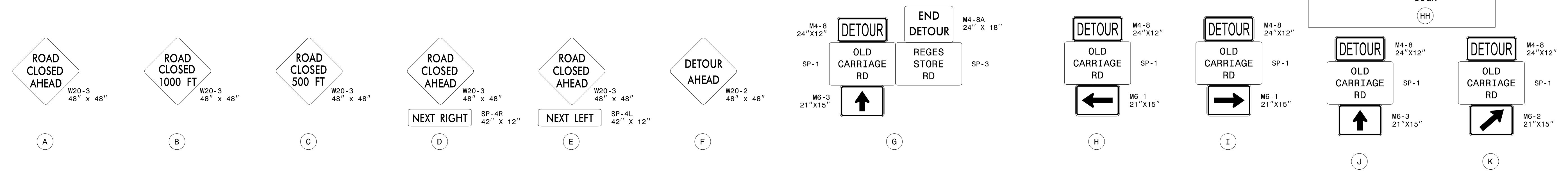


DETOUR ROUTE
 CLOSURE OF
 OLD CARRIAGE ROAD /
 US 64 INTERCHANGE
 SHEET 2 OF 2

11/3/2021
 R:\TrafficControl\TCP\U5996_tmp_psh02.dgn
 User:JHawensend

<p>BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE</p> <table border="1"> <tr><th>MESSAGE NO. 1</th><th>MESSAGE NO. 2</th></tr> <tr><td>OLD CARR CLSD. AT REG. STOR</td><td>(DAY) MNTH/DAY MIDNIGHT</td></tr> </table> <p>CHANGEABLE MESSAGE SIGN</p>	MESSAGE NO. 1	MESSAGE NO. 2	OLD CARR CLSD. AT REG. STOR	(DAY) MNTH/DAY MIDNIGHT	<p>BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE</p> <table border="1"> <tr><th>MESSAGE NO. 1</th><th>MESSAGE NO. 2</th></tr> <tr><td>OLD CARR CLSD. AT GRN. HILL</td><td>(DAY) MNTH/DAY MIDNIGHT</td></tr> </table> <p>CHANGEABLE MESSAGE SIGN</p>	MESSAGE NO. 1	MESSAGE NO. 2	OLD CARR CLSD. AT GRN. HILL	(DAY) MNTH/DAY MIDNIGHT	<p>BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE</p> <table border="1"> <tr><th>MESSAGE NO. 1</th><th>MESSAGE NO. 2</th></tr> <tr><td>REG. STOR CLOSED @ OLD CARR</td><td>(DAY) MNTH/DAY MIDNIGHT</td></tr> </table> <p>CHANGEABLE MESSAGE SIGN</p>	MESSAGE NO. 1	MESSAGE NO. 2	REG. STOR CLOSED @ OLD CARR	(DAY) MNTH/DAY MIDNIGHT	<p>BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE</p> <table border="1"> <tr><th>MESSAGE NO. 1</th><th>MESSAGE NO. 2</th></tr> <tr><td>REG. STOR CLOSED @ OLD CARR</td><td>(DAY) MNTH/DAY MIDNIGHT</td></tr> </table> <p>CHANGEABLE MESSAGE SIGN</p>	MESSAGE NO. 1	MESSAGE NO. 2	REG. STOR CLOSED @ OLD CARR	(DAY) MNTH/DAY MIDNIGHT	<p>BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE</p> <table border="1"> <tr><th>MESSAGE NO. 1</th><th>MESSAGE NO. 2</th></tr> <tr><td>GRN. HILL CLOSED @ OLD CARR</td><td>(DAY) MNTH/DAY MIDNIGHT</td></tr> </table> <p>CHANGEABLE MESSAGE SIGN</p>	MESSAGE NO. 1	MESSAGE NO. 2	GRN. HILL CLOSED @ OLD CARR	(DAY) MNTH/DAY MIDNIGHT	<p>BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE</p> <table border="1"> <tr><th>MESSAGE NO. 1</th><th>MESSAGE NO. 2</th></tr> <tr><td>GRN. HILL CLOSED @ OLD CARR</td><td>(DAY) MNTH/DAY MIDNIGHT</td></tr> </table> <p>CHANGEABLE MESSAGE SIGN</p>	MESSAGE NO. 1	MESSAGE NO. 2	GRN. HILL CLOSED @ OLD CARR	(DAY) MNTH/DAY MIDNIGHT	<p>BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE</p> <table border="1"> <tr><th>MESSAGE NO. 1</th><th>MESSAGE NO. 2</th></tr> <tr><td>OLD CARR CLSD. AT REG. STOR</td><td>(DAY) MNTH/DAY MIDNIGHT</td></tr> </table> <p>CHANGEABLE MESSAGE SIGN</p>	MESSAGE NO. 1	MESSAGE NO. 2	OLD CARR CLSD. AT REG. STOR	(DAY) MNTH/DAY MIDNIGHT
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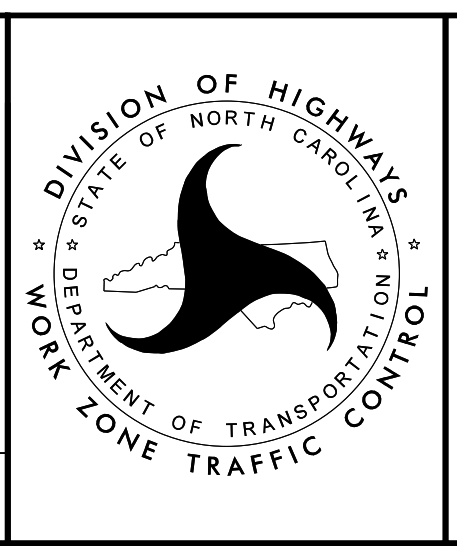
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APPROVED: _____
 DATE: _____

11/16/2021

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



DETOUR ROUTE
 CLOSURE OF
 OLD CARRIAGE RD /
 REGES STORE RD /
 GREEN HILLS RD INTX.

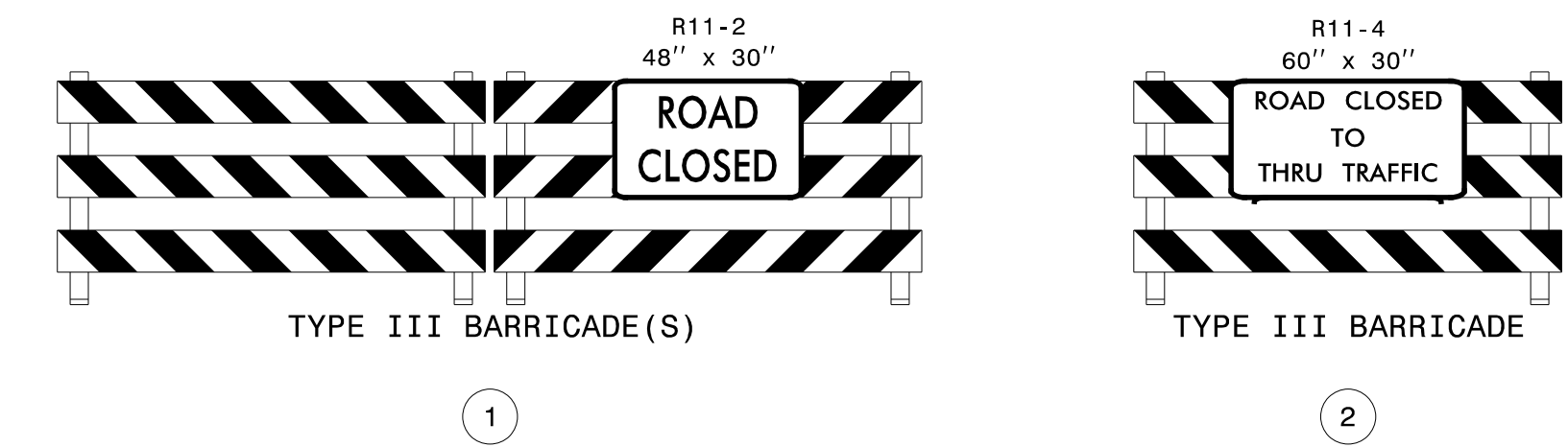
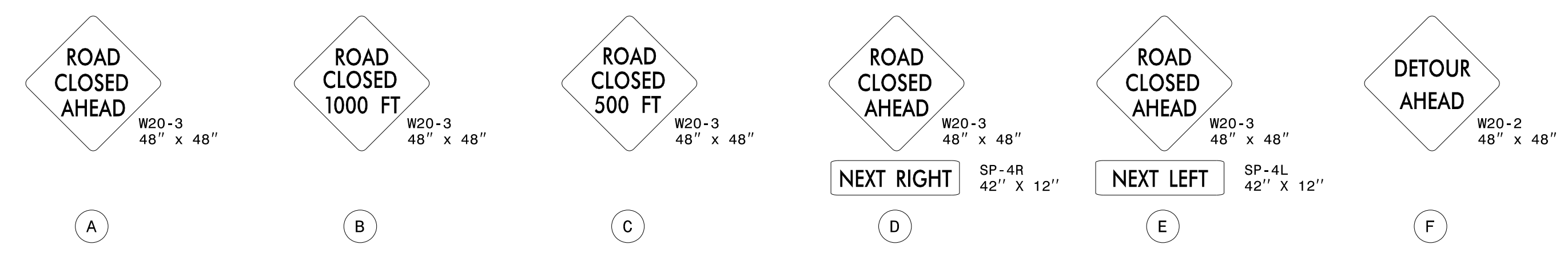
SHEET 2 OF 2

11/3/2021
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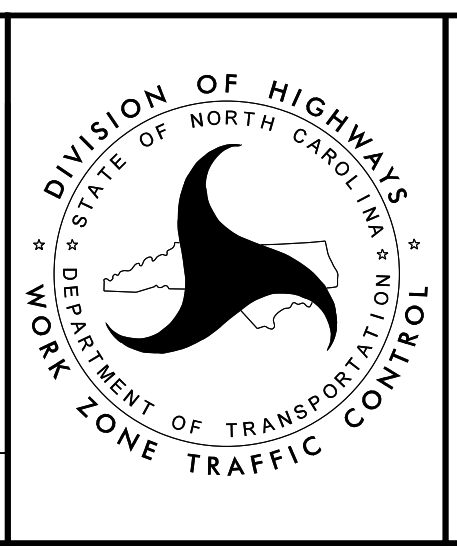
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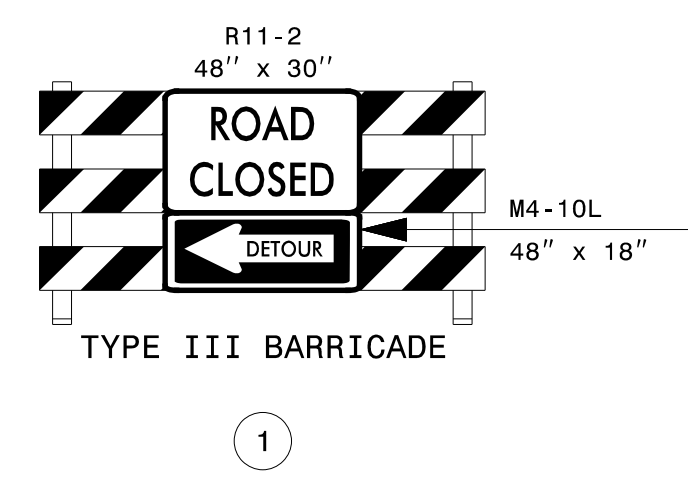
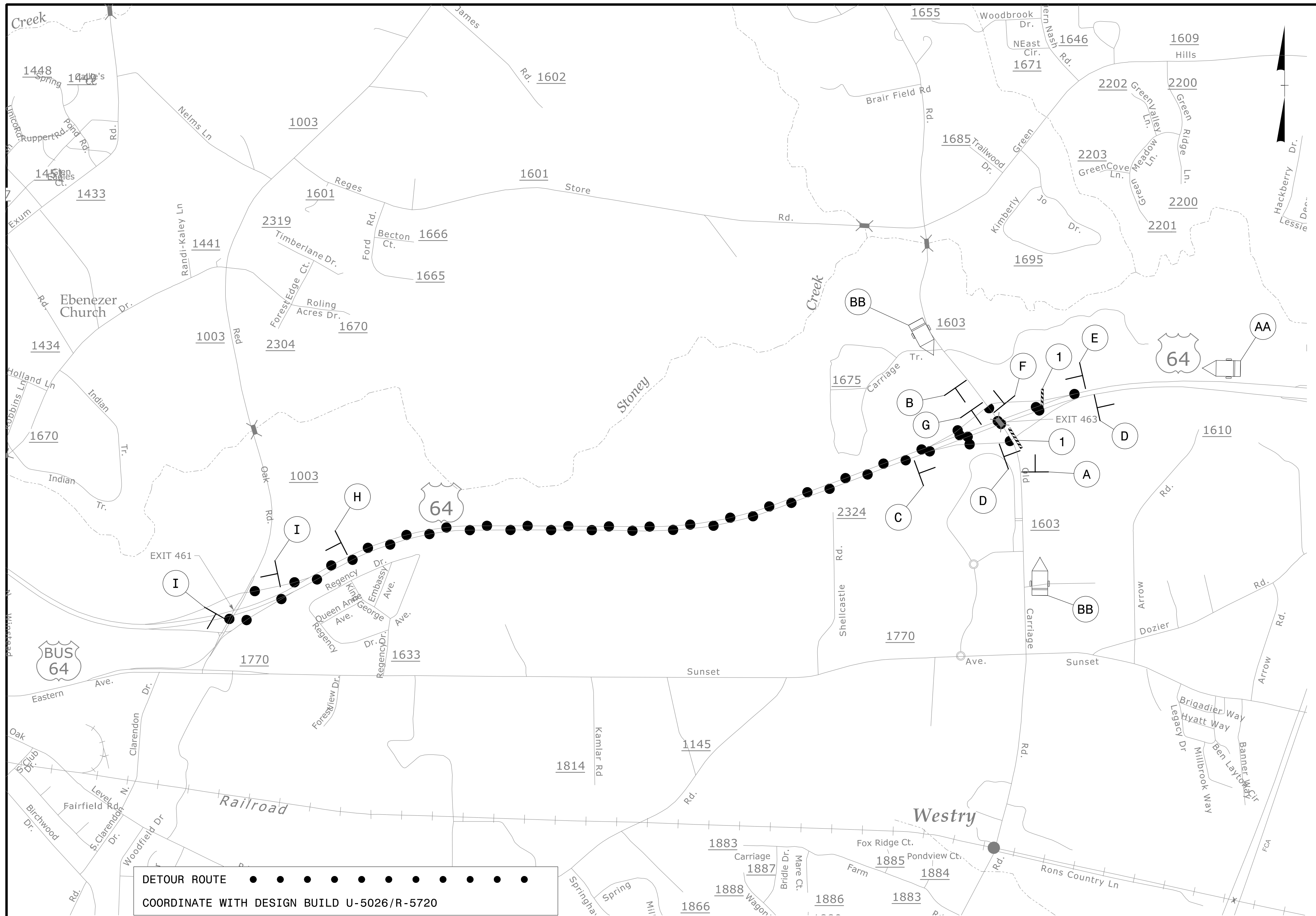
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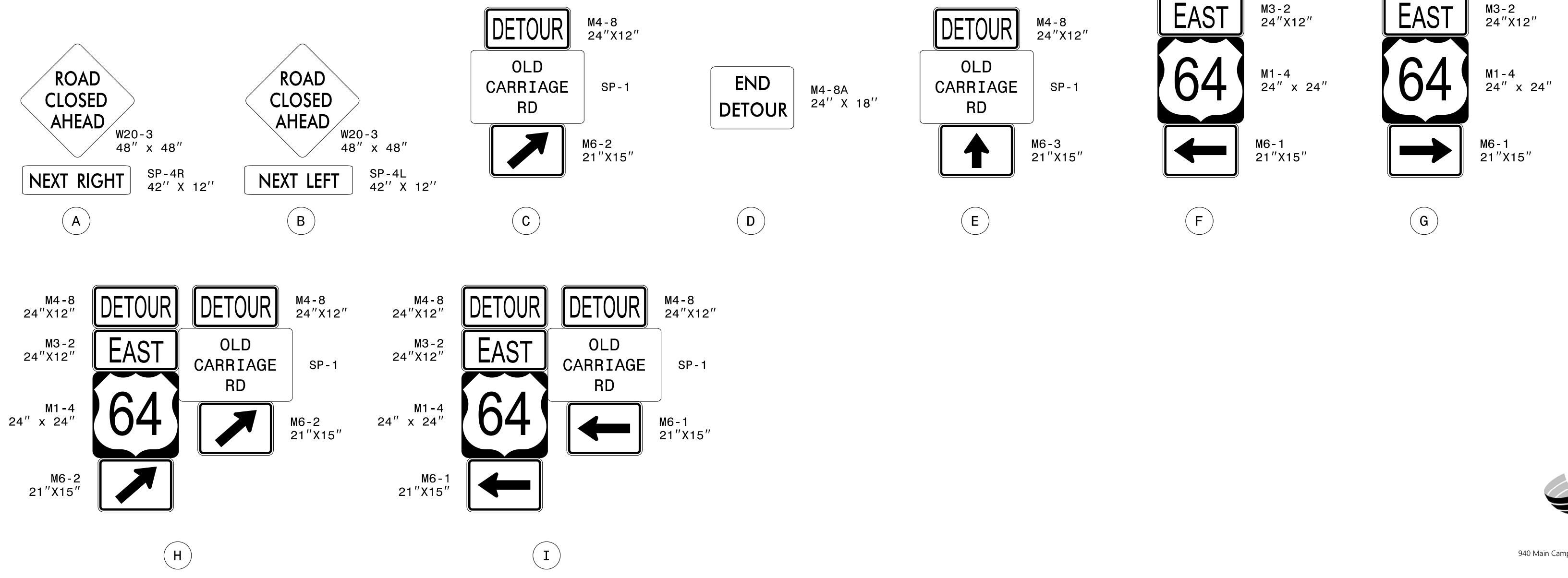


DETOUR ROUTE
 CLOSURE OF
 OLD CARRIAGE RD
 SOUTH OF
 STONY CREEK

SHEET 2 OF 2



DETOUR ROUTE
 COORDINATE WITH DESIGN BUILD U-5026/R-5720



BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1 OLD CARR OFF RAMP TO CLOSE	MESSAGE NO. 2 (DAY) MNTH/DAY MIDNIGHT
	CHANGEABLE MESSAGE SIGN	
BEGINNING 5 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1 OLD CARR OFF RAMP TO CLOSE	MESSAGE NO. 2 (DAY) AT MIDNIGHT
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BEGINNING AT 6AM THE DAY OF ROAD CLOSURE UNTIL MIDNIGHT	MESSAGE NO. 1 OLD CARR OFF RAMP TO CLOSE	MESSAGE NO. 2 TONIGHT AT MIDNIGHT
	CHANGEABLE MESSAGE SIGN	
DURING ROAD CLOSURE	MESSAGE NO. 1 OLD CARR OFF RAMP CLOSED	MESSAGE NO. 2 USE EXIT 461
	CHANGEABLE MESSAGE SIGN	

AA

BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1 US 64 E ON RAMP TO CLOSE	MESSAGE NO. 2 (DAY) MNTH/DAY MIDNIGHT
	CHANGEABLE MESSAGE SIGN	
BEGINNING 5 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1 US 64 E ON RAMP TO CLOSE	MESSAGE NO. 2 (DAY) AT MIDNIGHT
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DURING ROAD CLOSURE	MESSAGE NO. 1 US 64 E ON RAMP CLOSED	MESSAGE NO. 2 USE EXIT 461
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BB

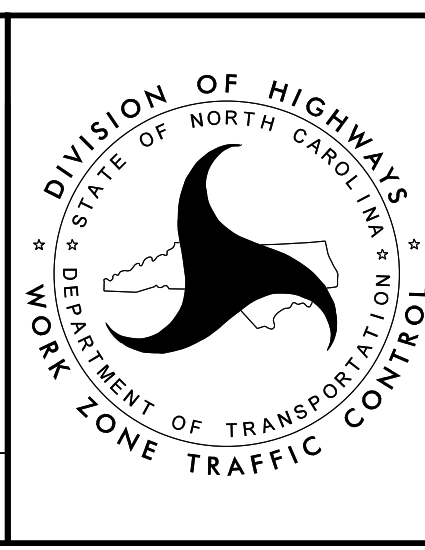
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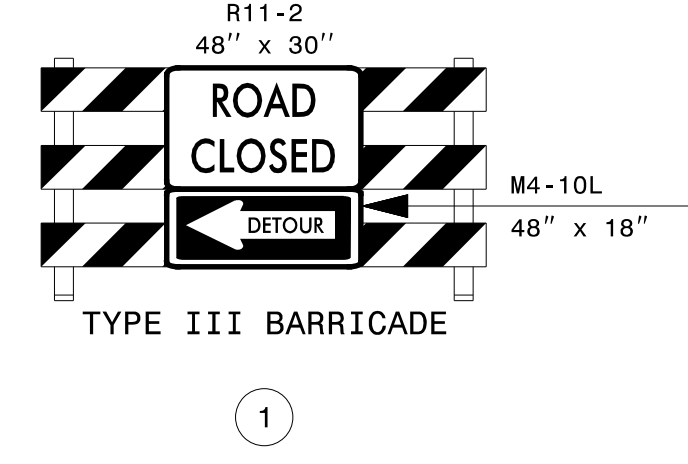
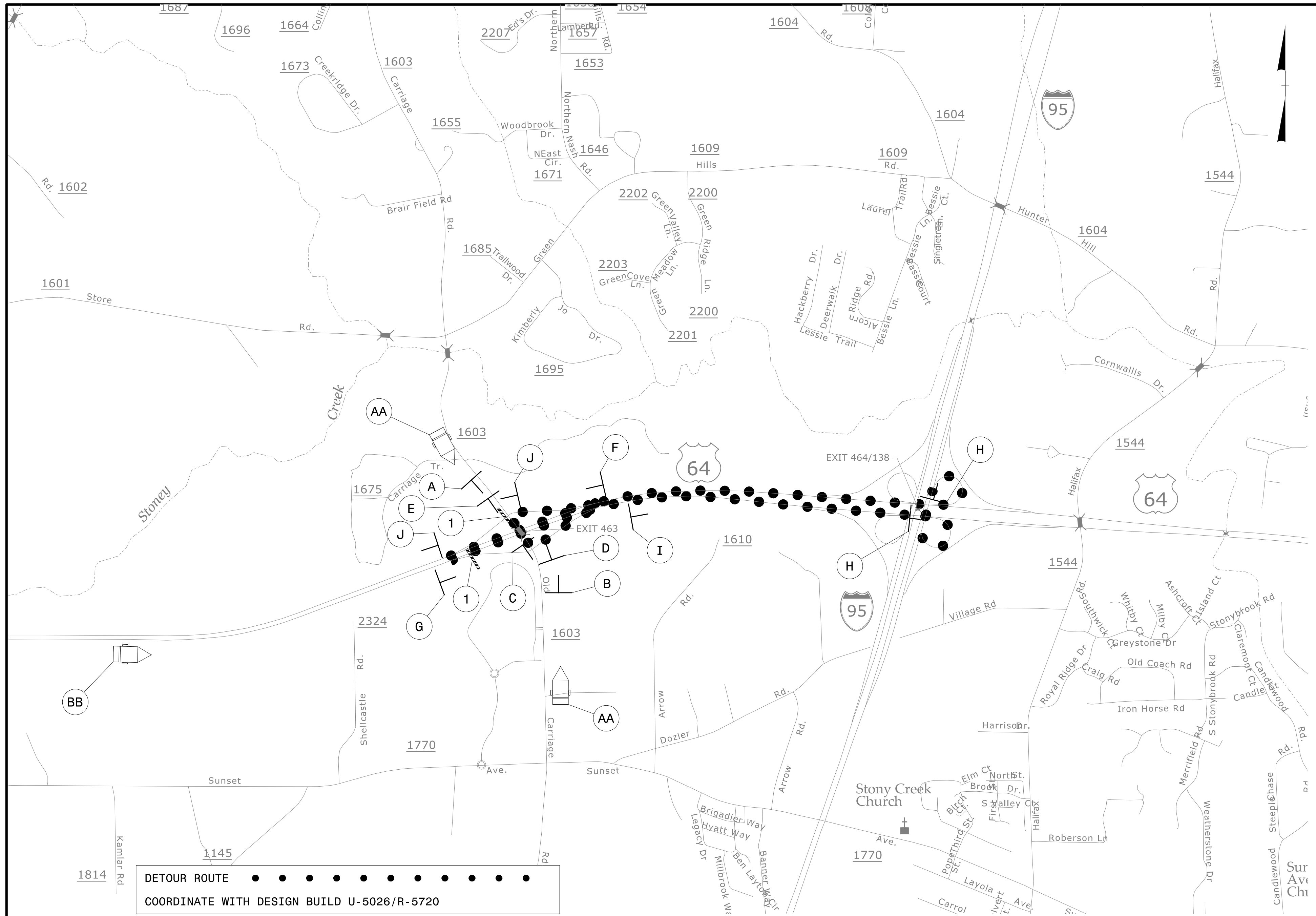
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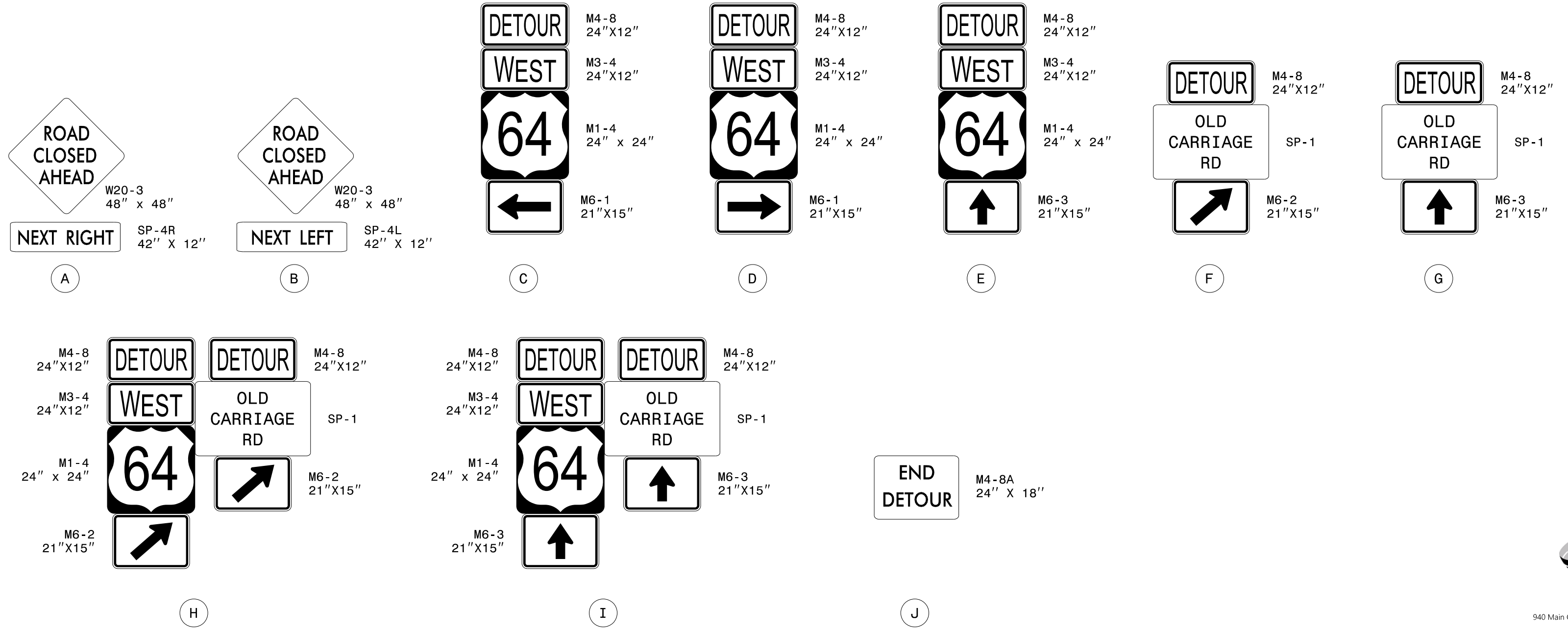


**DETOUR ROUTE
 CLOSURE OF
 US 64 E ON RAMP (L1RPC)
 AND
 US 64 W OFF RAMP (L1RPD)**

SHEET 1 OF 1



DETOUR ROUTE
 COORDINATE WITH DESIGN BUILD U-5026/R-5720



BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1 US 64 W ON RAMP TO CLOSE	MESSAGE NO. 2 (DAY) MNTH/DAY
	CHANGEABLE MESSAGE SIGN	
BEGINNING 5 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1 US 64 W ON RAMP TO CLOSE	MESSAGE NO. 2 (DAY) AT MIDNIGHT
	CHANGEABLE MESSAGE SIGN	
BEGINNING AT 6AM THE DAY OF ROAD CLOSURE UNTIL MIDNIGHT	MESSAGE NO. 1 US 64 W ON RAMP TO CLOSE	MESSAGE NO. 2 TONIGHT AT MIDNIGHT
	CHANGEABLE MESSAGE SIGN	
DURING ROAD CLOSURE	MESSAGE NO. 1 US 64 W ON RAMP CLOSED	MESSAGE NO. 2 USE EX. 464B/ EX. 138B
	CHANGEABLE MESSAGE SIGN	

BEGINNING 10 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1 OLD CARR OFF RAMP TO CLOSE	MESSAGE NO. 2 (DAY) MNTH/DAY
	CHANGEABLE MESSAGE SIGN	
BEGINNING 5 DAYS PRIOR TO ROAD CLOSURE	MESSAGE NO. 1 OLD CARR OFF RAMP TO CLOSE	MESSAGE NO. 2 (DAY) AT MIDNIGHT
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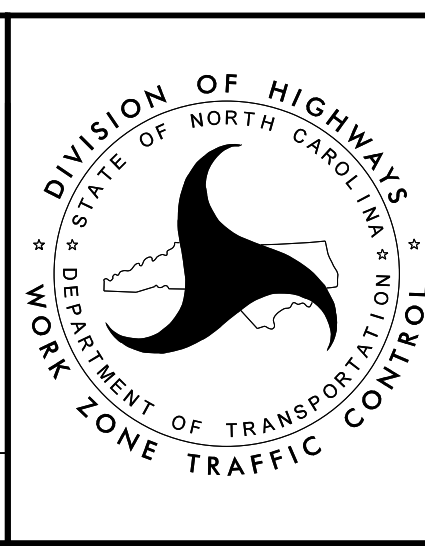
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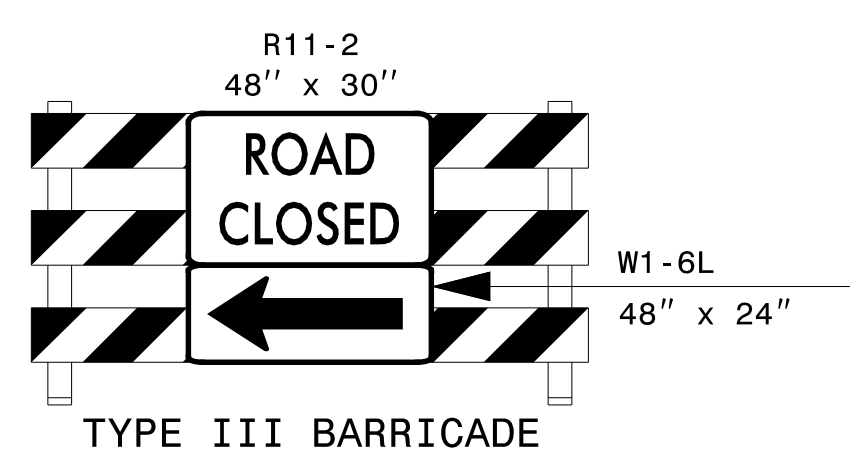
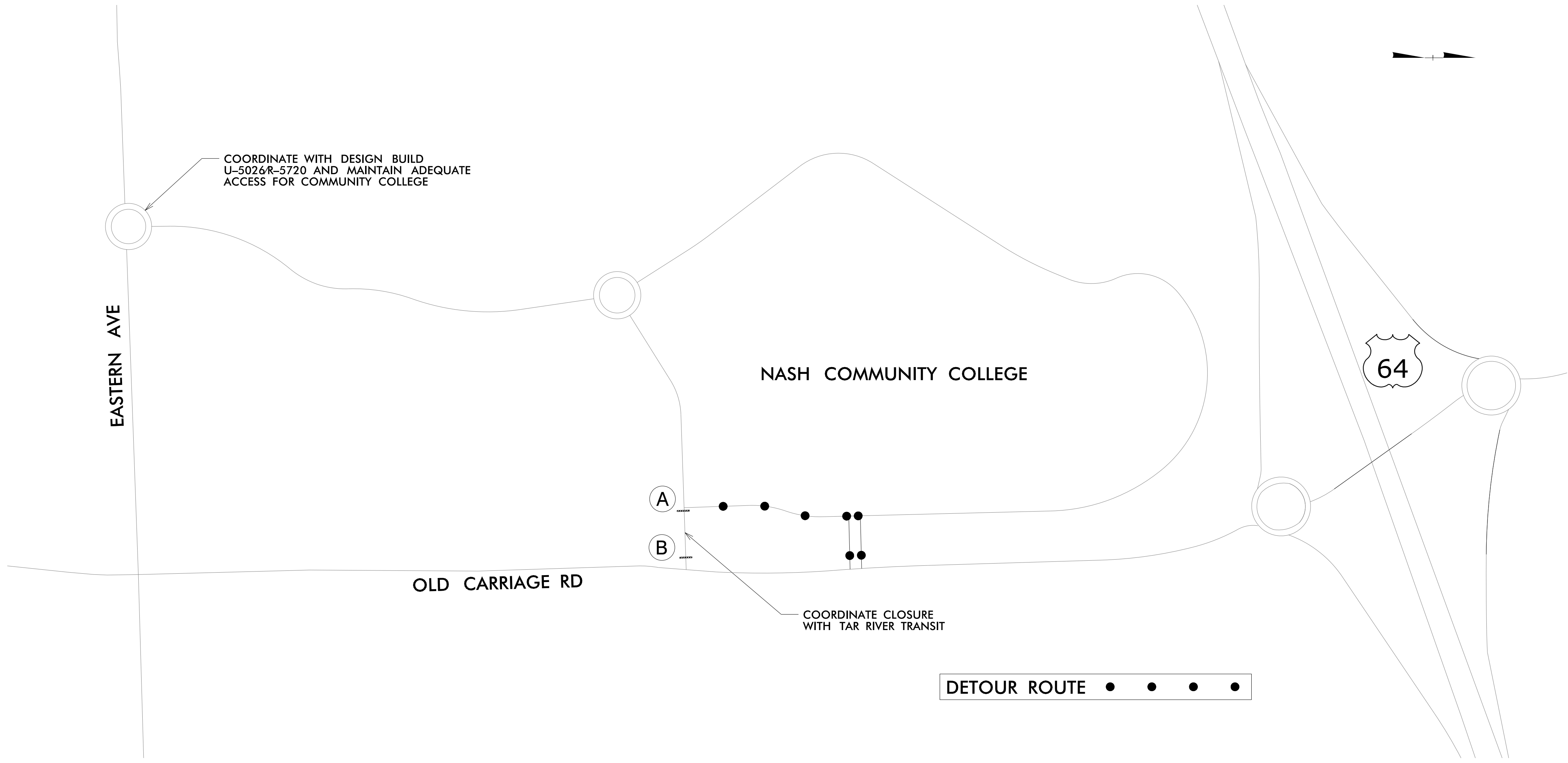
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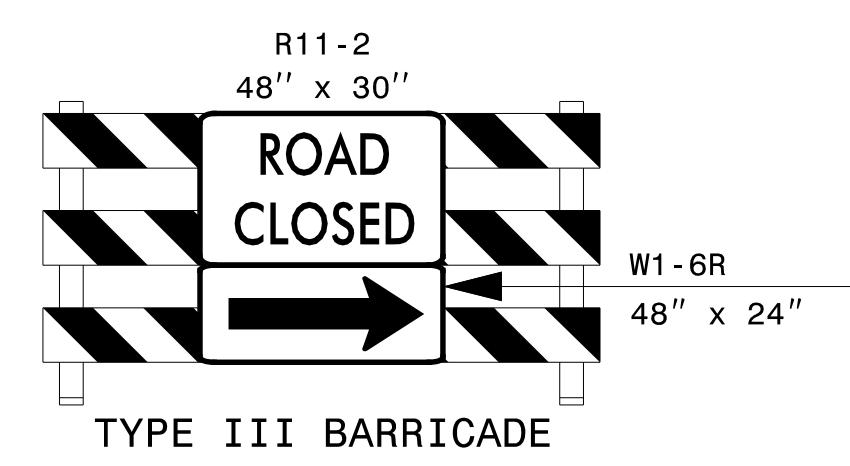


DETOUR ROUTE
 CLOSURE OF
 US 64 W ON RAMP (L1RPA)
 AND
 US 64 E OFF RAMP (L1RPB)

SHEET 1 OF 1



A



B

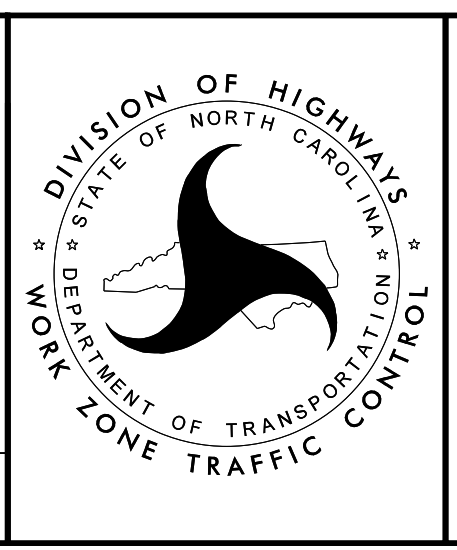
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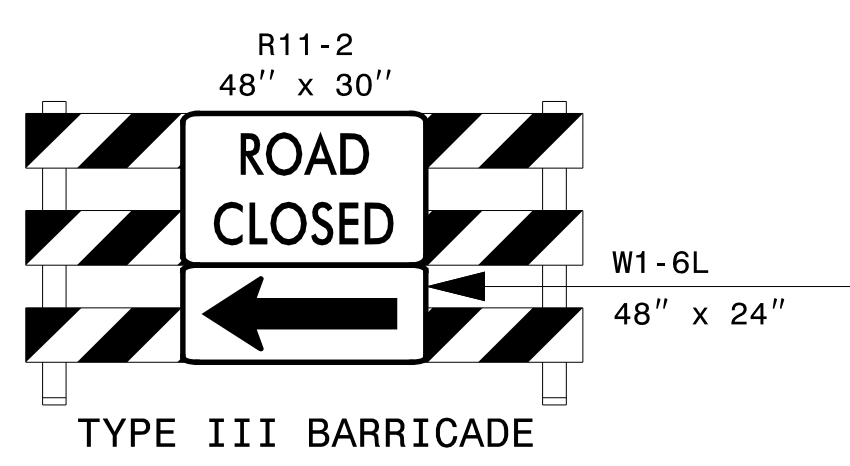
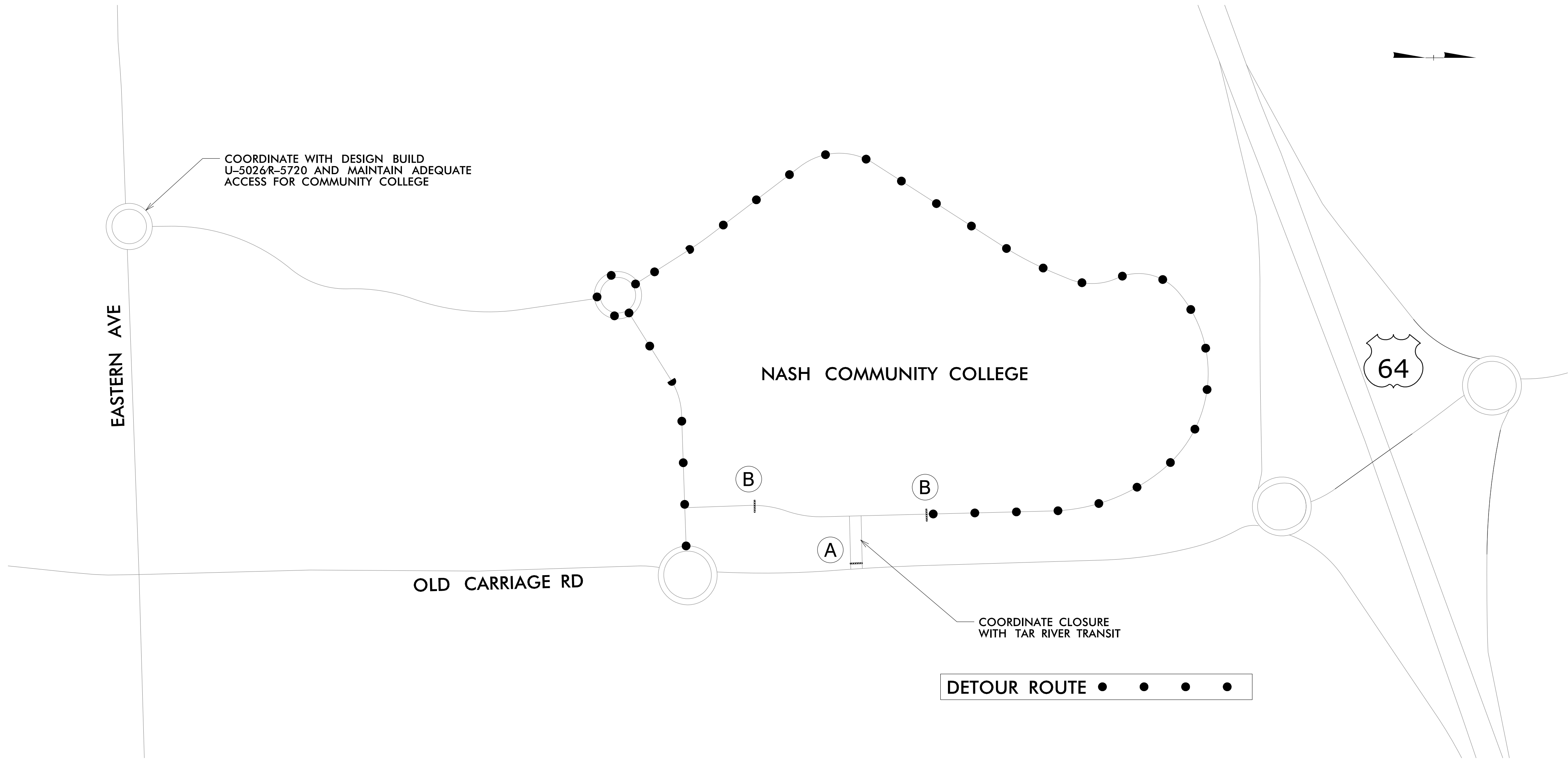
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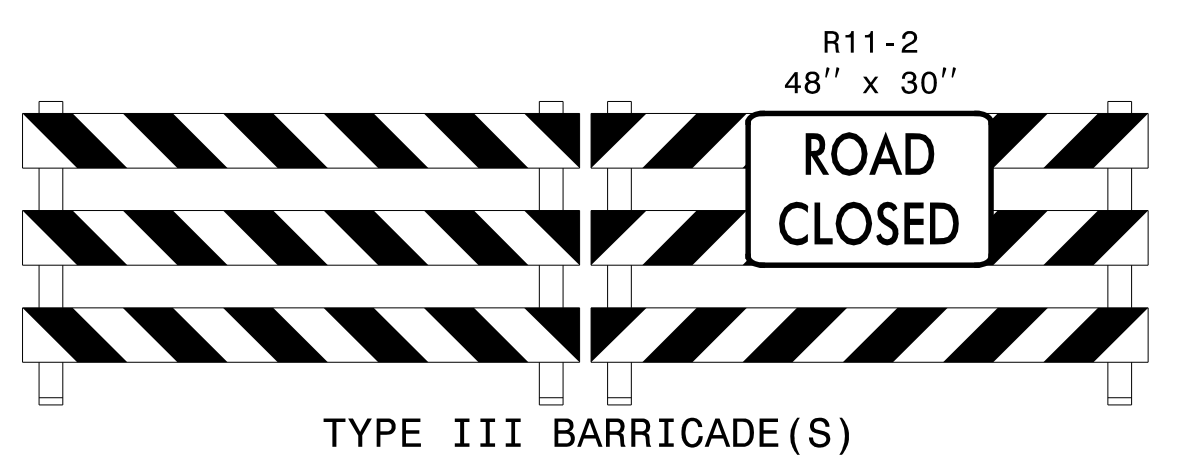
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DETOUR ROUTE
 -Y19- CLOSURE



A



B

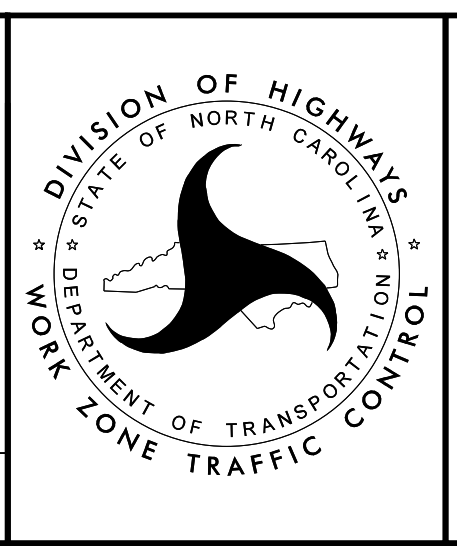


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DETOUR ROUTE

-Y20- / -Y21- CLOSURE

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 User: JHownsend

PHASING

PROJ. REFERENCE NO.	SHEET NO.
U-5996	TMP-3

NOTES:

REPLACE MARKINGS AND RETURN TO THE CURRENT TRAFFIC PATTERN AT THE END OF EACH WORK PERIOD UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

MAINTAIN VEHICULAR ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE LIFE OF THE CONTRACT UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

COMPLETE ANY PROPOSED WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE. THIS MAY REQUIRE A COMBINATION OF INSTALLATION OF PROPOSED PIPES, TEMPORARY PIPES, STEEL PLATES, TEMPORARY MEDIAN, AND OUTSIDE DITCHES.

PAVE PROPOSED CONSTRUCTION UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE, IN ALL PHASES UNTIL STATED TO INSTALL FINAL LAYER IN PHASING.

THE TERM RSD REFERS TO ROADWAY STANDARD DRAWINGS.

PHASE I (SEE SHEETS TMP-4 THRU TMP-17)

STEP 1: USING RSD 1101.01 (SHEET 2 AND 3 OF 3), INSTALL ADVANCE WARNING SIGNS ON -L1- (OLD CARRIAGE ROAD), -Y19-, -Y20-, -Y21-, -Y22- (CARRIAGE TRAIL), -Y23- (US 64), -Y24- (REGES STORE ROAD), -Y25- (GREEN HILLS ROAD), AND EASTERN AVENUE/SUNSET AVENUE.

STEP 2A: USING RSD 1101.02 (SHEET 4 OF 14), CONSTRUCT PROPOSED AND TEMPORARY PAVEMENT ON -Y23- (US 64) AS SHOWN ON SHEET TMP-6

STEP 2B: USING RSD 1101.02 (SHEET 4 OF 14), INSTALL PORTABLE CONCRETE BARRIER AND TEMPORARY CRASH CUSHIONS ON -Y23- (US 64) AS SHOWN ON SHEET TMP-6.

STEP 3: USING RSD 1101.02 (SHEET 1 OF 14) AS NEEDED, INSTALL TEMPORARY PAVEMENT AND PORTABLE CONCRETE BARRIER WITH TEMPORARY GUARDRAIL ANCHOR UNIT AND CRASH CUSHION AND TEMPORARY SHORING ON THE LEFT SIDE OF -L1- (OLD CARRIAGE ROAD) AS SHOWN ON SHEET TMP-6.

STEP 4: AWAY FROM TRAFFIC AND BEHIND PORTABLE CONCRETE BARRIER, CONSTRUCT PAVEMENT, DRAINAGE, RETAINING WALLS AND GRADING ON THE OUTSIDE OF -Y23- (US 64) AND PAVEMENT, DRAINAGE, AND GRADING IN THE MEDIAN OF -Y23- (US 64) LOCATED EAST OF THE EXISTING STRUCTURE.

NOTE: STEP 5, 6, AND 7 OF PHASE I CAN OCCUR SIMULTANEOUSLY AND IN ANY ORDER.

STEP 5: USING RSD 1101.03, SHEET 7 OF 9, DETOUR US 64 TRAFFIC TO COMPLETE OVERHEAD BRIDGE WORK FOR PROPOSED BRIDGE.

STEP 6: USING RSD 1102.02 (SHEET 1 OF 14) AS NEEDED, INSTALL TEMPORARY PAVEMENT MARKINGS AND SHIFT TRAFFIC INTO NEW PATTERN AS SHOWN ON SHEETS TMP-4 AND TMP-5.

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 AND 2 OF 14) AS NEEDED, CONSTRUCT -L1- (OLD CARRIAGE ROAD), -L1RPA-, -L1RPB-, -L1RPC-, AND -L1RPD- AS SHOWN ON SHEETS TMP-4 THRU TMP-8 AND TMP-10.

OVERNIGHT RAMP DETOURS AS SHOWN ON SHEETS TMP-2I AND TMP-2J MAY BE USED TO COMPLETE RAMP WORK THAT CANNOT BE ACCOMPLISHED UNDER TRAFFIC. RAMP CLOSURES SHALL BE LIMITED TO ONE SIDE OF US 64 AT A TIME.

INSTALL TEMPORARY PAVEMENT MARKINGS AND SIGNS AS SHOWN ON TMP-16 AND SHIFT TRAFFIC INTO THE NEW PATTERN UPON COMPLETION -L1RPB- AND -L1RPC-.

STEP 7: USING RSD 1101.02 (SHEET 1 OF 14) AS NEEDED, INSTALL TEMPORARY PAVEMENT MARKINGS, REMOVE TRAFFIC SIGNAL AT THE INTERSECTION OF -L1- (OLD CARRIAGE ROAD) AND -Y24- (REGES STORE ROAD) /-Y25- (GREEN HILLS ROAD) AND INSTALL ALL-WAY STOP CONTROL AND SHIFT TRAFFIC INTO NEW PATTERN AS SHOWN ON SHEET TMP-9.

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 AND 2 OF 14) AS NEEDED, CONSTRUCT -L1- (OLD CARRIAGE ROAD), -Y24- (REGES STORE ROAD), AND -Y25- (GREEN HILLS ROAD) AS SHOWN ON SHEET TMP-9.

STEP 8: USING RSD 1102.02 (SHEET 1 OF 14) AS NEEDED, INSTALL TEMPORARY PAVEMENT MARKINGS AT THE INTERSECTION OF -L1- (OLD CARRIAGE ROAD) AND -Y24- (REGES STORE ROAD) /-Y25- (GREEN HILLS ROAD) AND SHIFT TRAFFIC INTO NEW PATTERN AS SHOWN ON SHEET TMP-14.

AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 14) AS NEEDED, CONSTRUCT THE REMAINDER OF -Y24- (REGES STORE ROAD) AS SHOWN ON SHEET TMP-14.

STEP 9: INSTALL AND COVER DETOUR SIGNS AS SHOWN ON SHEET TMP-2E.

STEP 10: INSTALL AND COVER DETOUR SIGNS AS SHOWN ON SHEET TMP-2G.

NOTE: STEPS 11, 12, AND 13 OF PHASE I CAN OCCUR SIMULTANEOUSLY OR IN ANY ORDER.

COMPLETE THE REQUIREMENTS OF PHASE I, STEPS 11A, 11B, AND 11C IN DRY CONDITIONS AND BY WORKING IN A CONTINUOUS MANNER.

STEP 11A: USING RSD 1102.02 (SHEET 1 OF 14) AS NEEDED, CONSTRUCT -L1- (OLD CARRIAGE ROAD) AND PART OF THE PROPOSED DRAINAGE SYSTEM AS SHOWN ON SHEET TMP-11.

STEP 11B: USING RSD 1102.02 (SHEET 1 OF 14) AS NEEDED, CONSTRUCT THE REMAINDER OF THE PROPOSED DRAINAGE SYSTEM AS SHOWN ON SHEET TMP-12.

STEP 11C: USING RSD 1102.02 (SHEET 1 OF 14) AS NEEDED, WEDGE EXISTING OLD CARRIAGE ROAD AND -Y22- (CARRIAGE TRAIL) UP TO PROPOSED ROADWAY AND REPLACE EXISTING PAVEMENT MARKINGS AS SHOWN ON SHEET TMP-13.

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 12 IN 14 (FOURTEEN) CONSECUTIVE DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

STEP 12: UNCOVER DETOUR SIGNS INSTALLED IN STEP 9 AND CLOSE THE INTERSECTION OF -L1- (OLD CARRIAGE ROAD) AND -Y24- (REGES STORE ROAD) /-Y25- (GREEN HILLS ROAD) TO TRAFFIC AS SHOWN ON SHEET TMP-2E.

COMPLETE REMAINING PAVEMENT, CURB AND GUTTER, CONCRETE ISLAND WORK ON -RAB11-.

INSTALL TEMPORARY PAVEMENT MARKINGS AND ROUNDABOUT INTERSECTION SIGNING PER THE FINAL PAVEMENT MARKING PLANS AND FINAL SIGNING PLANS AND AS SHOWN ON SHEET TMP-24.

REMOVED DETOUR SIGNING INSTALLED IN STEP 9 AND OPEN ROUNDABOUT INTERSECTION TO TRAFFIC.

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 13 IN 7 (SEVEN) CONSECUTIVE DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

STEP 13: UNCOVER DETOUR SIGNS INSTALLED IN STEP 10 AND CLOSE -L1- (OLD CARRIAGE ROAD) TO TRAFFIC AS SHOWN ON SHEET TMP-2G.

CONSTRUCT -L1- (OLD CARRIAGE ROAD) AS SHOWN ON SHEET TMP-15.

INSTALL TEMPORARY PAVEMENT MARKINGS AND SIGNS, REMOVE DETOUR SIGNS INSTALLED IN STEP 14, AND SHIFT TRAFFIC INTO NEW PATTERN AS SHOWN ON SHEET TMP-15.

STEP 14: INSTALL AND COVER DETOUR SIGNS AS SHOWN ON SHEET TMP-2C.

STEP 15: INSTALL AND COVER DETOUR SIGNS AS SHOWN ON SHEET TMP-2K.

COMPLETE THE REQUIREMENTS OF PHASE I, STEP 16 IN 21 (TWENTY-ONE) CONSECUTIVE DAYS (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.)

STEP 16: UNCOVER DETOUR SIGNS INSTALLED IN STEP 14 AND CLOSE -L1- (OLD CARRIAGE ROAD), -L1RPA-, AND -L1RPD- TO TRAFFIC AS SHOWN ON SHEET TMP-2C.

COMPLETE REMAINING PAVEMENT, CURB AND GUTTER, CONCRETE ISLAND WORK ON -L1-, -L1RPA-, -L1RPB-, -L1RPC-, -L1RPD-, -RAB9-, AND -RAB10- WITHIN THE INTERCHANGE AREA.

INSTALL TEMPORARY PAVEMENT MARKINGS AND SIGNS, UNCOVER DETOURS SIGN INSTALLED IN STEP 15 AND CLOSE -Y19- TO TRAFFIC AS SHOWN ON TMP-2K, AND SHIFT TRAFFIC INTO NEW PATTERN AS SHOWN ON SHEETS TMP-19 THRU TMP-25.

PHASE II (SEE SHEETS TMP-19 THRU TMP-26)

NOTE: STEPS 1, 2, AND 3 OF PHASE II MUST OCCUR IN ORDER.

STEPS 4, 5 AND 6 OF PHASE II MUST OCCUR IN ORDER.

STEPS 4, 5 AND 6 OF PHASE II MAY OCCUR BEFORE, DURING OR AFTER STEPS 1, 2, AND 3 OF PHASE II.

STEP 1: USING RSD 1101.02 (SHEET 4 OF 14), ADJUST PORTABLE CONCRETE BARRIER AND TEMPORARY CRASH CUSHIONS ON -Y23- (US 64) AS SHOWN ON SHEET TMP-21.

STEP 2: USING RSD 1101.03, SHEET 7 OF 9, DETOUR US 64 TRAFFIC TO COMPLETE OVERHEAD BRIDGE WORK FOR REMOVAL OF EXISTING BRIDGE.

AWAY FROM TRAFFIC AND BEHIND PORTABLE CONCRETE BARRIER, CONSTRUCT REMAINING PAVEMENT, DRAINAGE, RETAINING WALLS AND GRADING ON THE OUTSIDE OF -Y23- (US 64) AND PAVEMENT DRAINAGE, AND GRADING IN THE MEDIAN OF -Y23- (US 64) LOCATED WEST OF THE NEW STRUCTURE.

STEP 3: USING RSD 1101.02 (SHEET 4 OF 14), REMOVE PORTABLE CONCRETE BARRIER AND TEMPORARY CRASH CUSHIONS ON -Y23- (US 64) AND COMPLETE INSIDE AND OUTSIDE SHOULDER WORK ON -Y23- (US 64)

STEP 4: AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 AND 2 OF 14) AS NECESSARY, CONSTRUCT TEMPORARY DRIVEWAY (-DRW_TMP-) AS SHOWN ON SHEET TMP-21.

STEP 5: AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 AND 2 OF 14), CONSTRUCT -L1- (OLD CARRIAGE ROAD), -RAB8-, -Y19-, -Y22- (CARRIAGE TRAIL), AND -Y26- AS SHOWN ON SHEETS TMP-19 THRU TMP-25

STEP 6: INSTALL TEMPORARY PAVEMENT MARKINGS AND SIGNS ON -Y26- IN ACCORDANCE WITH THE FINAL PAVEMENT MARKING AND SIGNING PLANS AND OPEN -Y26- TO TRAFFIC AND REMOVE TEMPORARY DRIVEWAY (-DRW_TMP-).

PHASE III (SEE SHEETS TMP-26 THRU TMP-28)

STEP 1: INSTALL AND COVER DETOUR SIGNS AS SHOWN ON SHEET TMP-2L.

STEP 2: REMOVE DETOUR SIGNS INSTALLED IN PHASE I, STEP 15 AND OPEN -Y19- TO TRAFFIC AND UNCOVER DETOUR SIGNS INSTALLED IN STEP 1 AND CLOSE -Y20- AND -Y21- AT -L1- (OLD CARRIAGE ROAD) TO TRAFFIC AS SHOWN ON TMP-2L.

COMPLETE WORK ON -L1- (OLD CARRIAGE ROAD), -RAB8-, -Y20- AND -Y21- AS SHOWN ON SHEETS TMP-26 THRU TMP-28.

INSTALL TEMPORARY PAVEMENT MARKING AND SIGNS AS SHOWN ON SHEETS TMP-29 THRU TMP-31.

STEP 3: REMOVE DETOUR SIGNS PLACED IN STEP 1 AND OPEN -Y20- AND -Y21- TO TRAFFIC.

PHASE IV (SEE SHEETS TMP-29 THRU TMP-31)

STEP 1: USING RSD 1101.02 (SHEET 3 OF 14) AS NECESSARY, CONSTRUCT THE REMAINING WORK ON -L1- (OLD CARRIAGE ROAD) AS SHOWN ON SHEETS TMP-29 THRU TMP-31.

STEP 2: USING RSD 1101.02 (SHEETS 1, 2, 3 AND 7 OF 14) AS NEEDED, PLACE FINAL LAYER OF SURFACE COURSE AND INSTALL FINAL PAVEMENT MARKINGS AND MARKERS IN ACCORDANCE WITH THE FINAL PAVEMENT MARKING PLANS.

STEP 3: REMOVE ALL TRAFFIC CONTROL DEVICES.

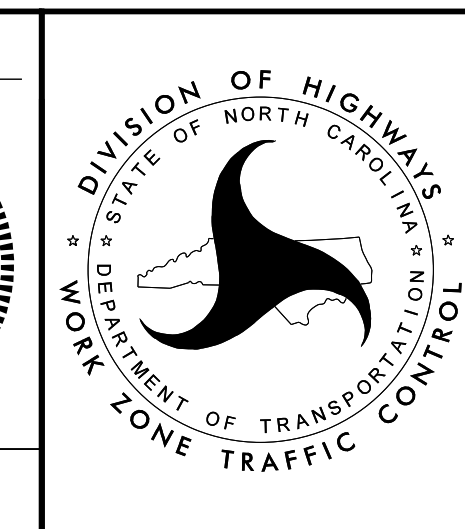
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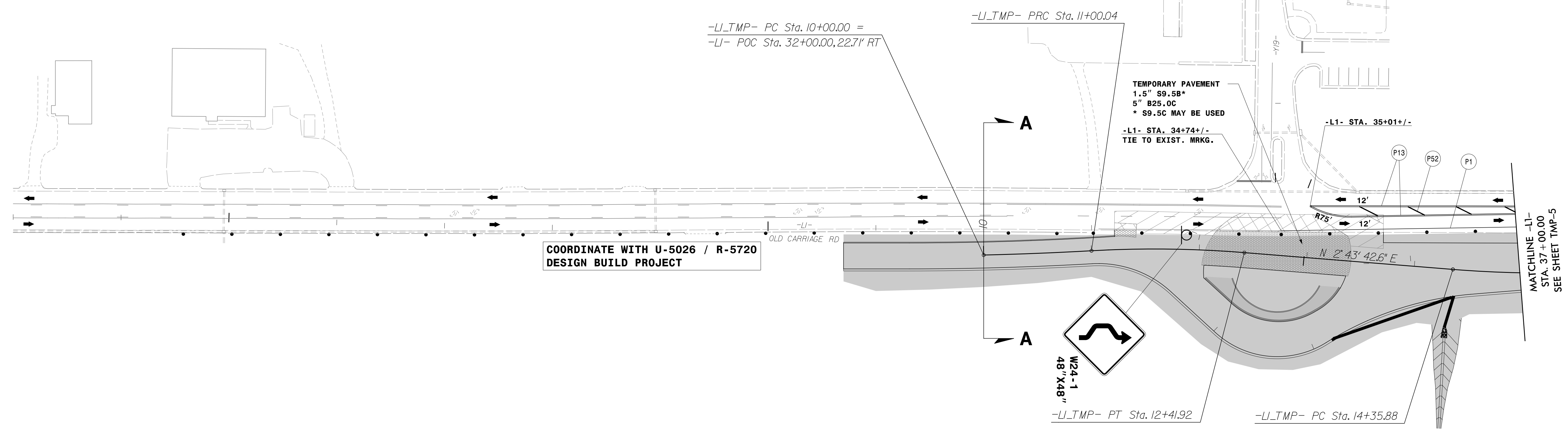
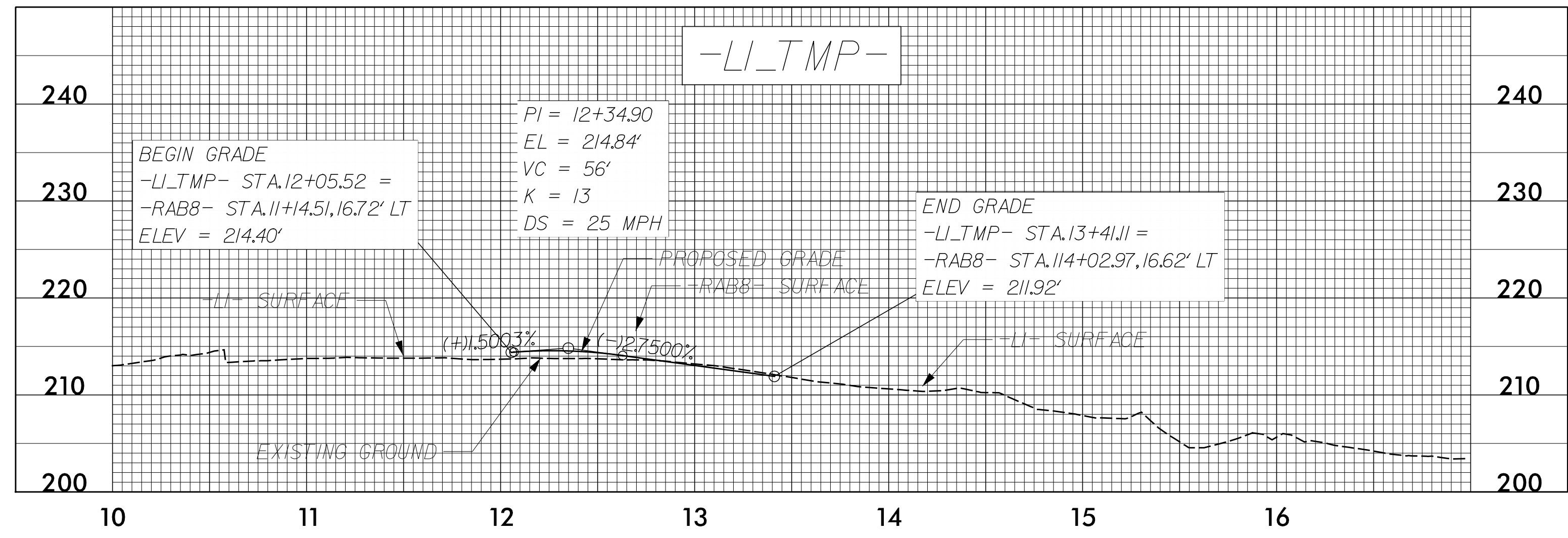
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1/10/2022

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PHASING NOTES



COORDINATE WITH U-5026 / R-5720
DESIGN BUILD PROJECT

-LI_TMP- CURVE DATA	-LI_TMP- CURVE DATA	-LI_TMP- CURVE DATA	-LI_TMP- CURVE DATA
PI Sta 10+50.02	PI Sta 11+71.09	PI Sta 15+10.15	PI Sta 16+40.77
$\Delta = 1^{\circ} 54' 10.6''$ (LT)	$\Delta = 7^{\circ} 48' 59.7''$ (RT)	$\Delta = 8^{\circ} 10' 10.1''$ (LT)	$\Delta = 1^{\circ} 05' 06.8''$ (RT)
$D = 1^{\circ} 54' 08.1''$	$D = 5^{\circ} 30' 33.2''$	$D = 5^{\circ} 30' 33.2''$	$D = 0^{\circ} 57' 31.3''$
$L = 100.04'$	$L = 141.88'$	$L = 148.29'$	$L = 113.20'$
$T = 50.02'$	$T = 71.05'$	$T = 74.27'$	$T = 56.60'$
$R = 3,012.00'$	$R = 1,040.00'$	$R = 1,040.00'$	$R = 5,976.50'$

REFER TO SHEET TMP-17 FOR CUT SECTION(S).

11/29/2021
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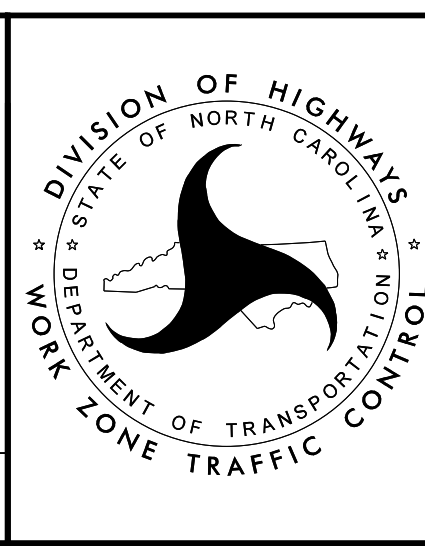


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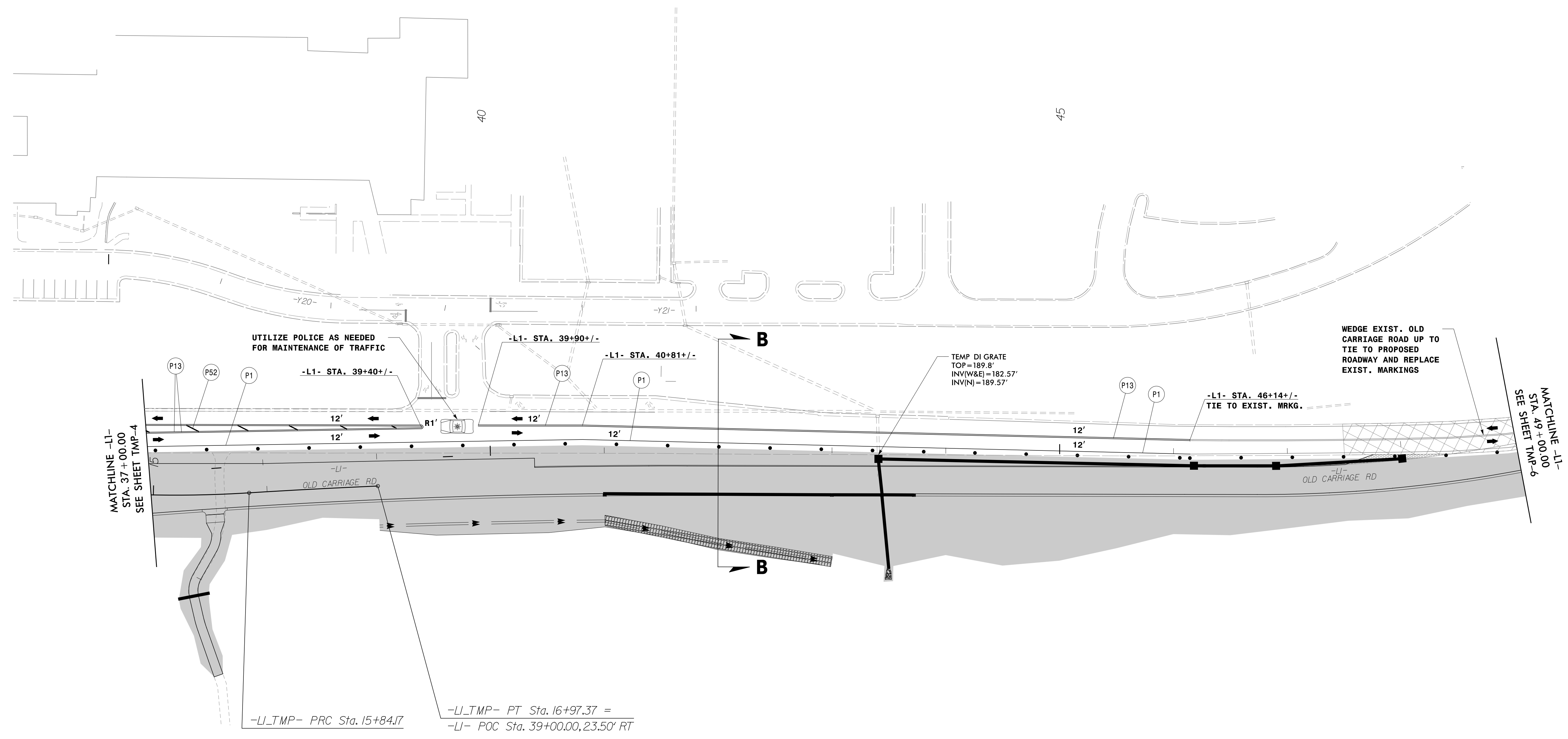
DocuSign
Seal
031533
11/29/2021

11/29/2021

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**TEMPORARY TRAFFIC CONTROL
PHASE I DETAIL
SHEET 1 OF 7**



REFER TO SHEET TMP-17 FOR CUT SECTION(S).

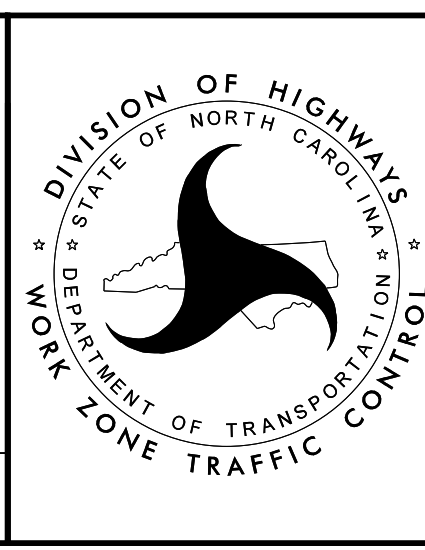
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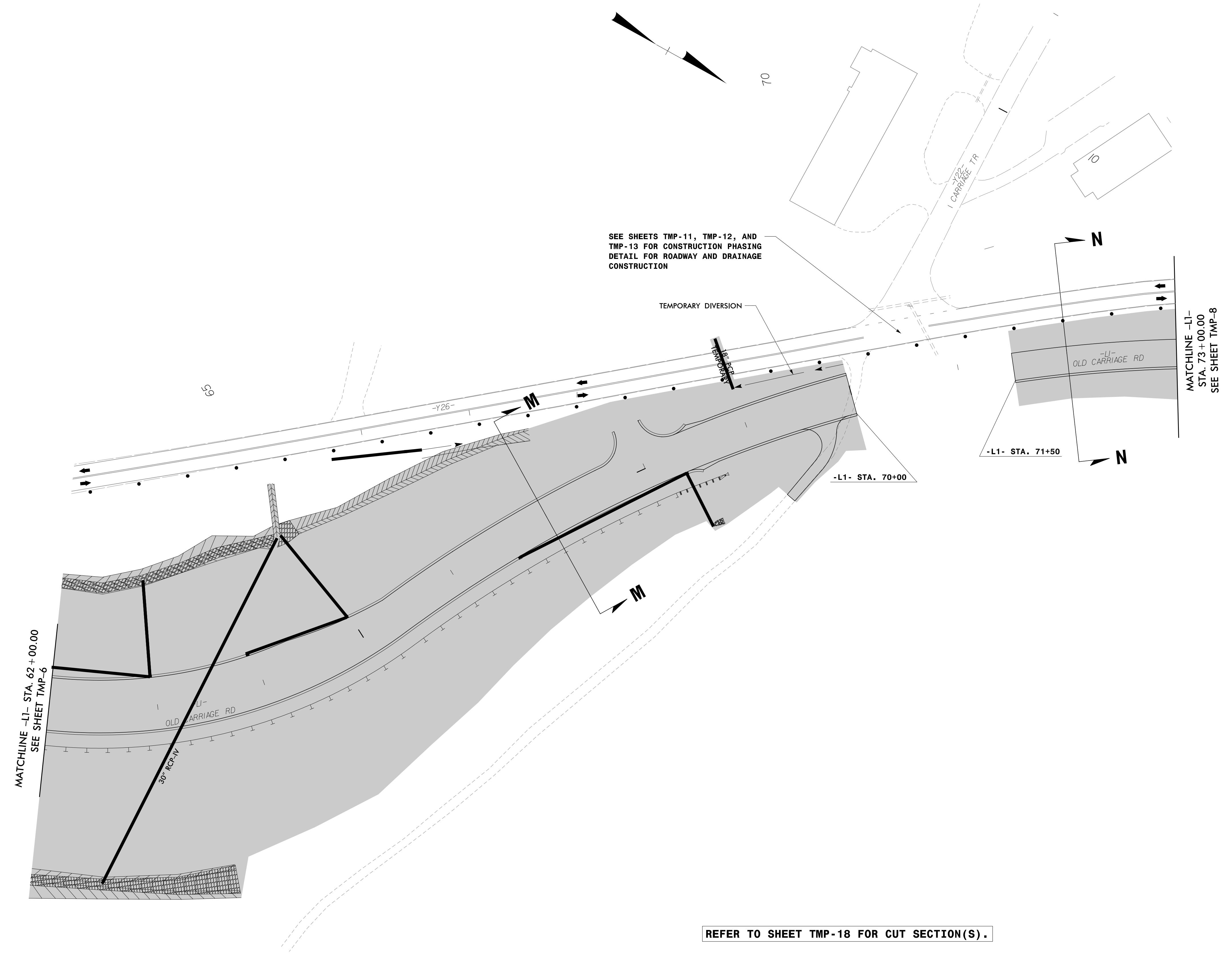
PROFESSIONAL SEAL
J. G. TOWNSEND
031533
ENGINEER
11/16/2021

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**TEMPORARY TRAFFIC CONTROL
PHASE I DETAIL
SHEET 2 OF 7**

PROJ. REFERENCE NO.	SHEET NO.
U-5996	TMP-7



11/4/2021
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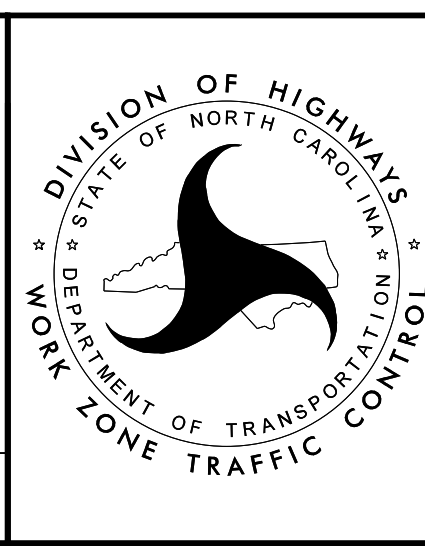
REFER TO SHEET TMP-18 FOR CUT SECTION(S).



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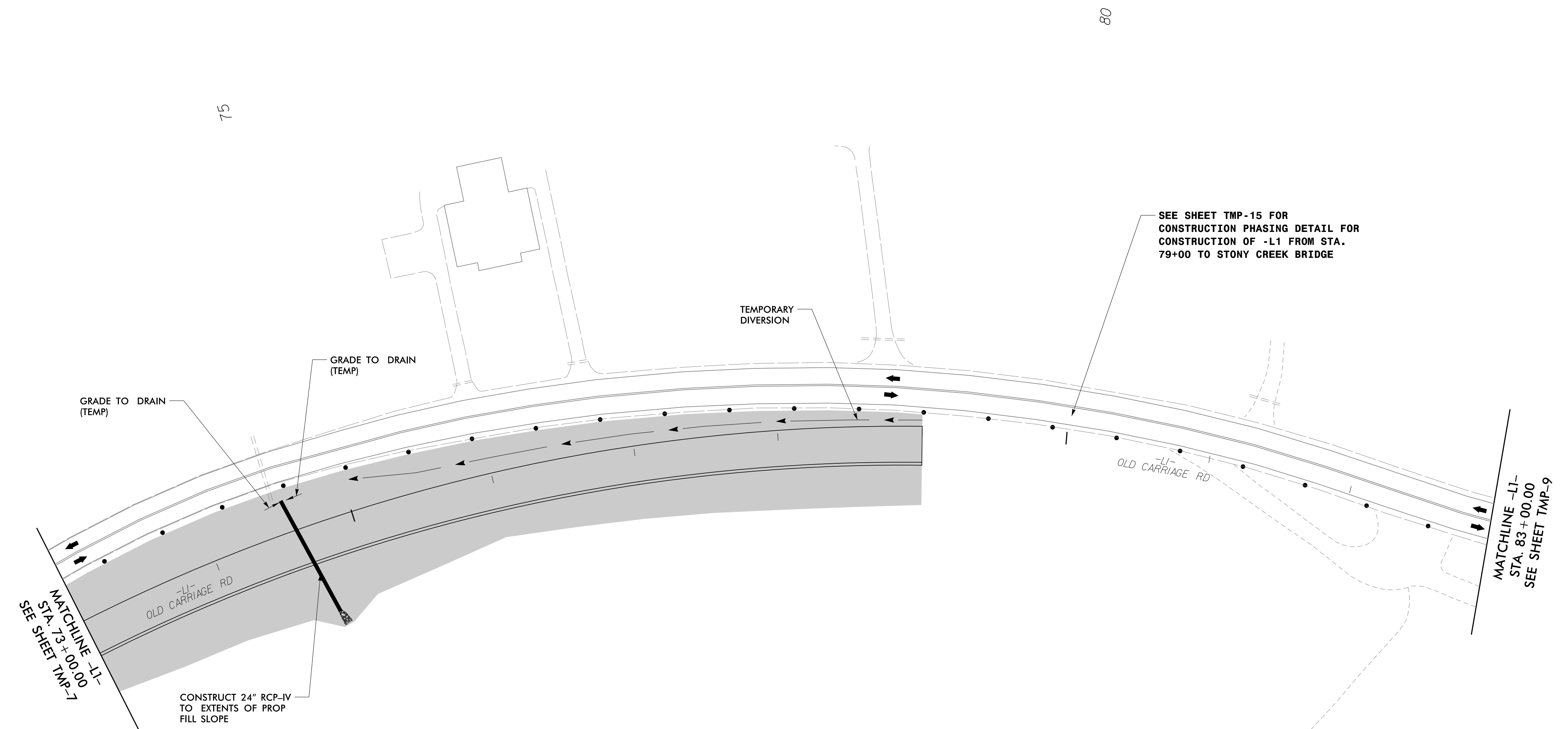
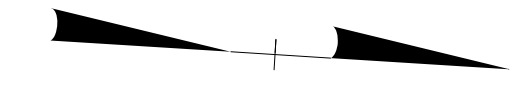
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**TEMPORARY TRAFFIC CONTROL
 PHASE I DETAIL
 SHEET 4 OF 7**

PROJ. REFERENCE NO.	SHEET NO.
U-5996	TMP-8



MATCHLINE -L1-
STA. 73+00.00
SEE SHEET TMP-7

GRADE TO DRAIN
(TEMP)

GRADE TO DRAIN
(TEMP)

TEMPORARY
DIVERSION

SEE SHEET TMP-15 FOR
CONSTRUCTION PHASING DETAIL FOR
CONSTRUCTION OF -L1 FROM STA.
79+00 TO STONY CREEK BRIDGE

OLD CARRIAGE RD

MATCHLINE -L1-
STA. 83+00.00
SEE SHEET TMP-9

CONSTRUCT 24" RCP-IV
TO EXTENTS OF PROP
FILL SLOPE

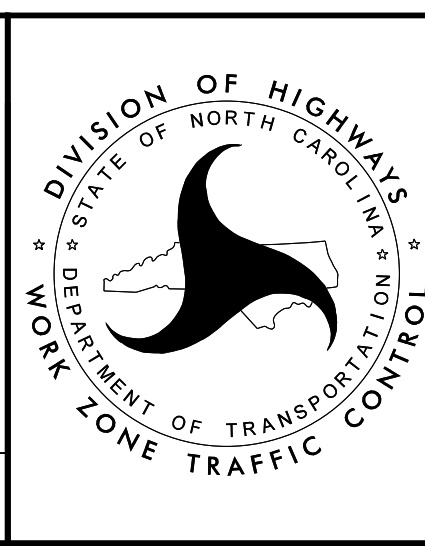
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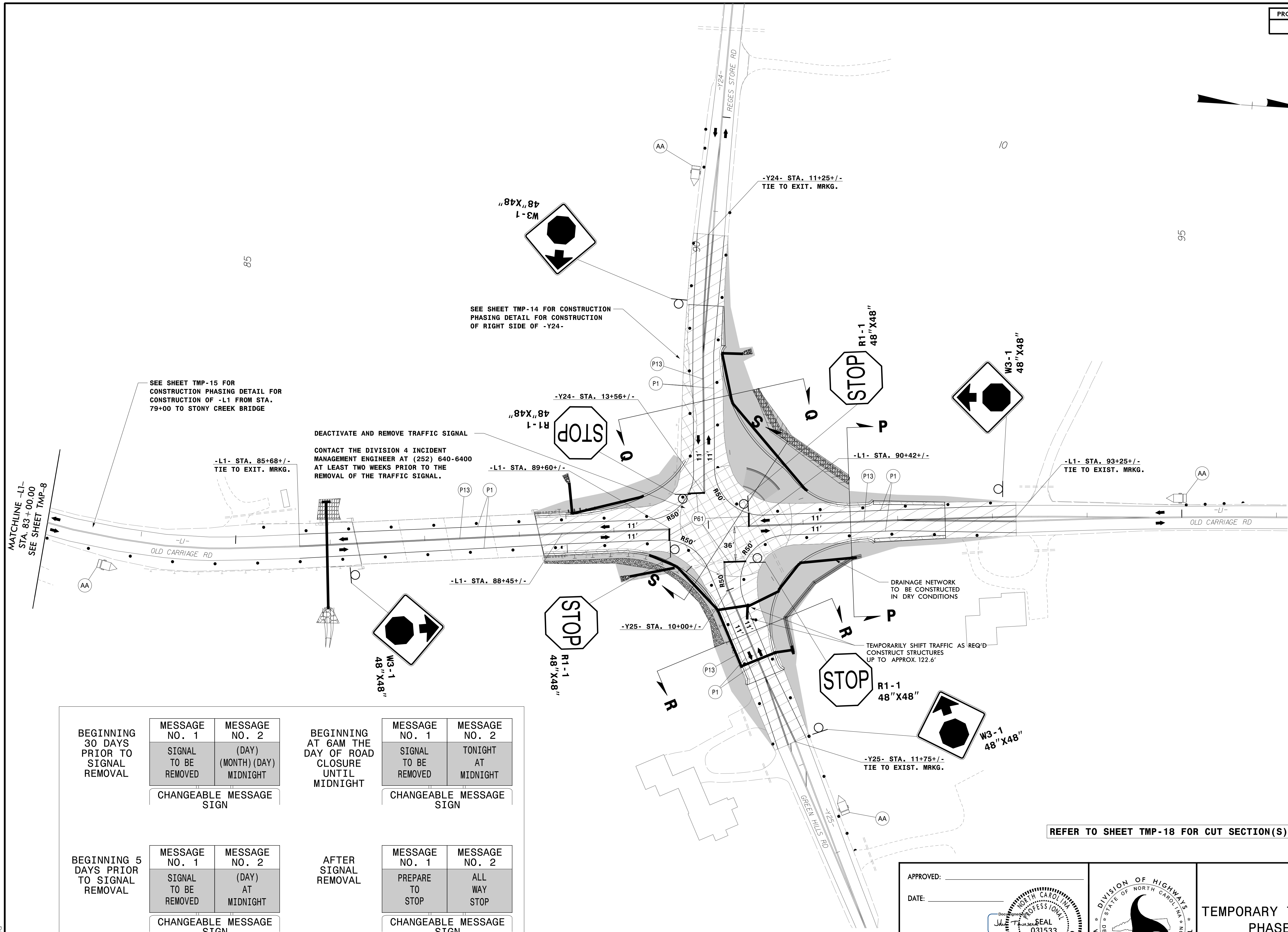
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**TEMPORARY TRAFFIC CONTROL
PHASE I DETAIL
SHEET 5 OF 7**



BEGINNING 30 DAYS PRIOR TO SIGNAL REMOVAL	MESSAGE NO. 1	MESSAGE NO. 2	BEGINNING AT 6AM THE DAY OF ROAD CLOSURE UNTIL MIDNIGHT	MESSAGE NO. 1	MESSAGE NO. 2
	SIGNAL TO BE REMOVED	(DAY) (MONTH) (DAY) MIDNIGHT		SIGNAL TO BE REMOVED	TONIGHT AT MIDNIGHT
CHANGEABLE MESSAGE SIGN			CHANGEABLE MESSAGE SIGN		
BEGINNING 5 DAYS PRIOR TO SIGNAL REMOVAL	MESSAGE NO. 1	MESSAGE NO. 2	AFTER SIGNAL REMOVAL	MESSAGE NO. 1	MESSAGE NO. 2
	SIGNAL TO BE REMOVED	(DAY) AT MIDNIGHT		PREPARE TO STOP	ALL WAY STOP
CHANGEABLE MESSAGE SIGN			CHANGEABLE MESSAGE SIGN		

AA



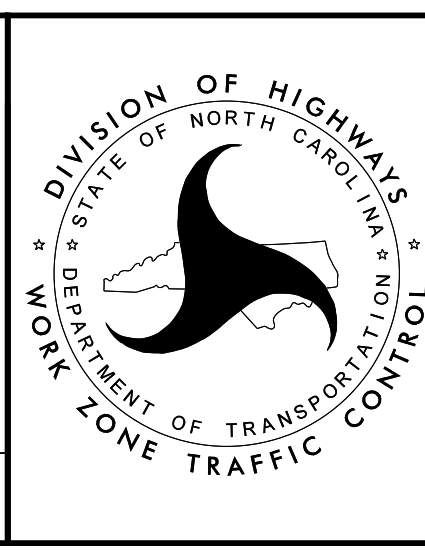
940 Main Campus Drive, Suite 500 Raleigh, NC 27606
NC License No. C-3705

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DATE: _____

11/16/2021

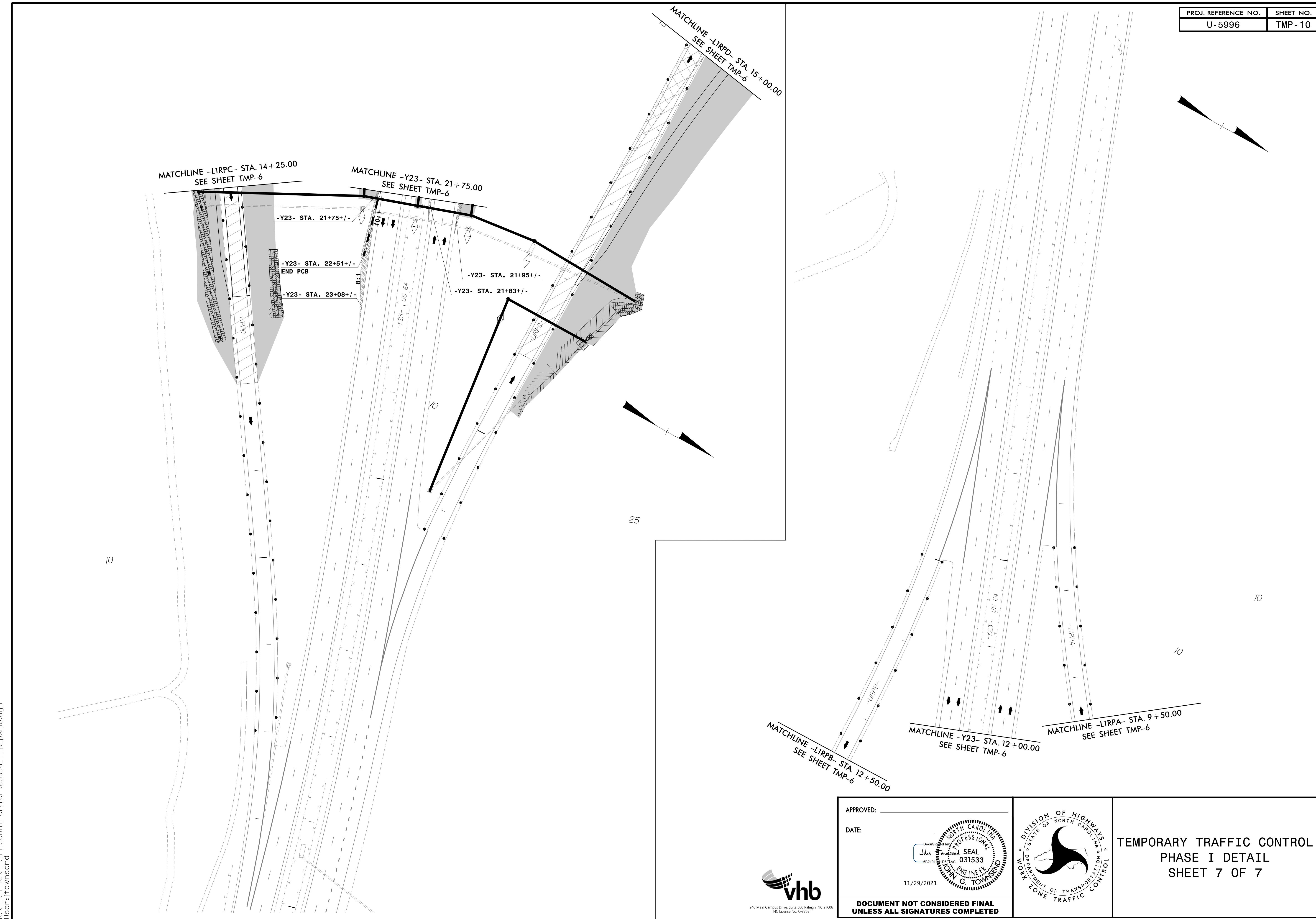
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TEMPORARY TRAFFIC CONTROL
PHASE I DETAIL
SHEET 6 OF 7

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PROJ. REFERENCE NO.	SHEET NO.
U-5996	TMP-10



11/29/2021
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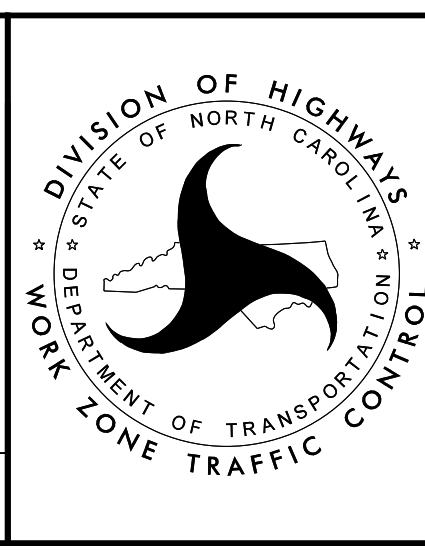


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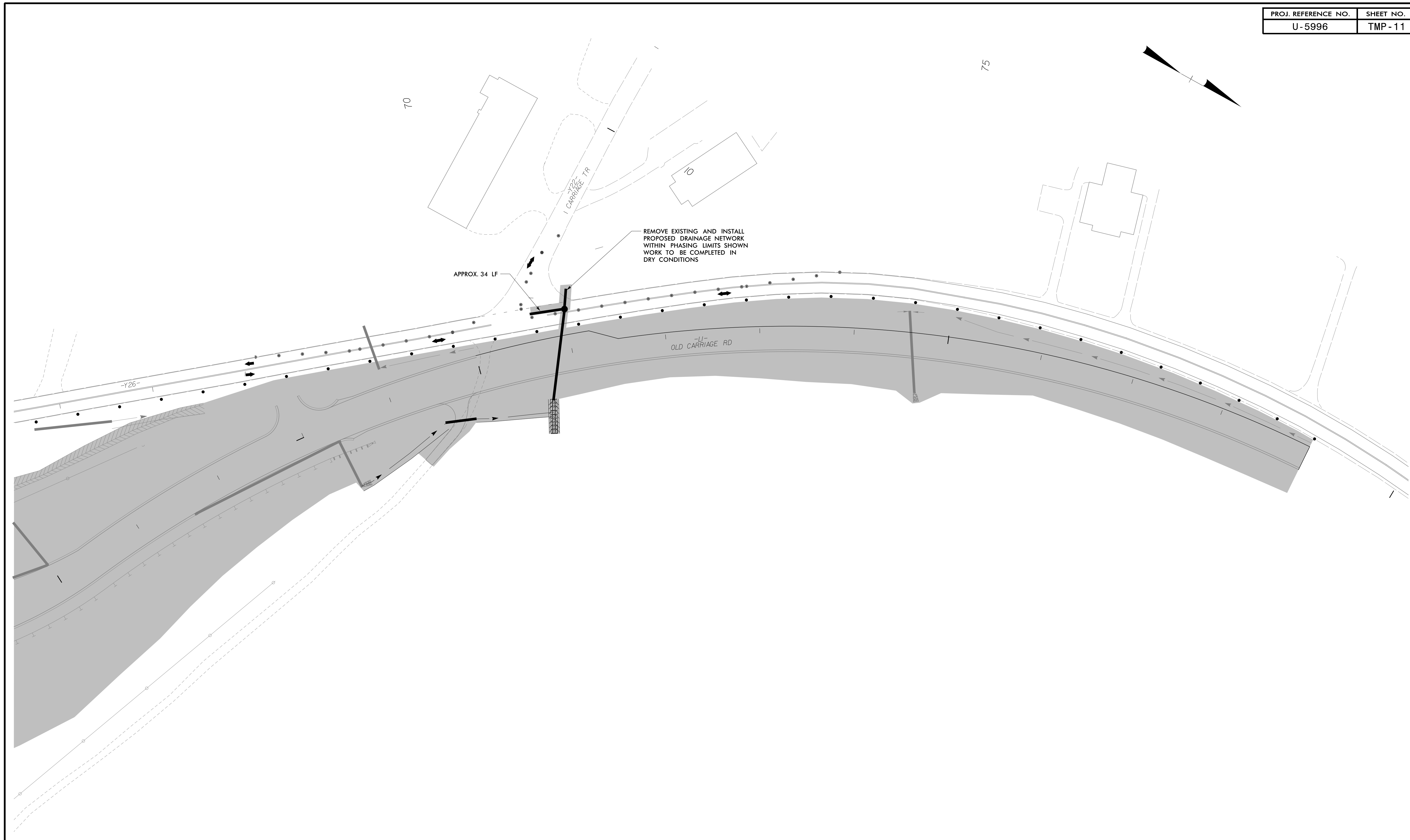
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**TEMPORARY TRAFFIC CONTROL
 PHASE I DETAIL
 SHEET 7 OF 7**

PROJ. REFERENCE NO.	SHEET NO.
U-5996	TMP-11



11/4/2021
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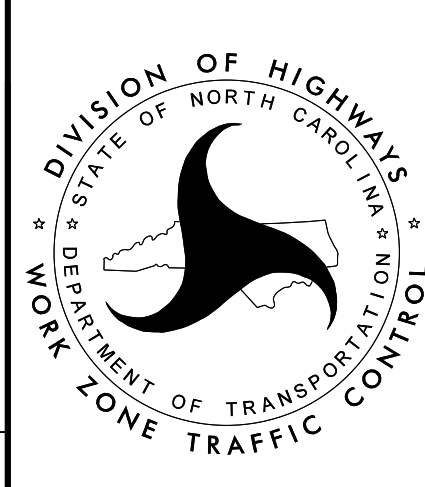
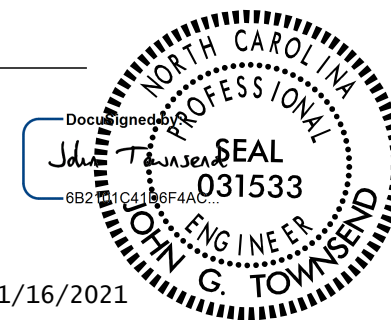


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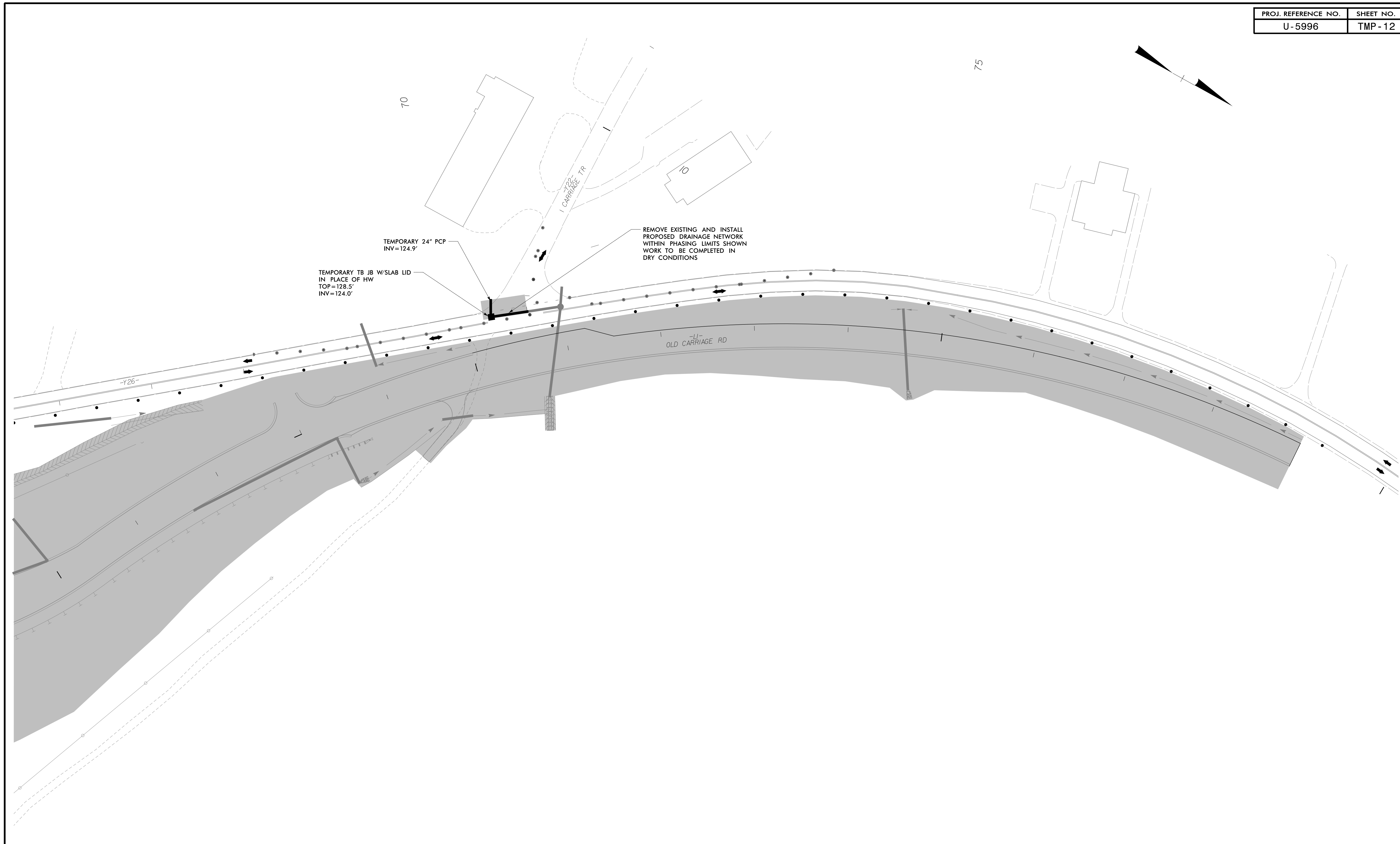
11/16/2021

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**TEMPORARY TRAFFIC CONTROL
 PHASE I DETAIL
 STEP 11A**

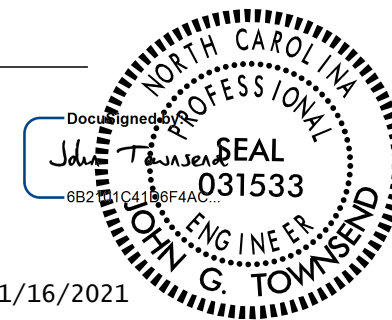
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U-5996	TMP-12



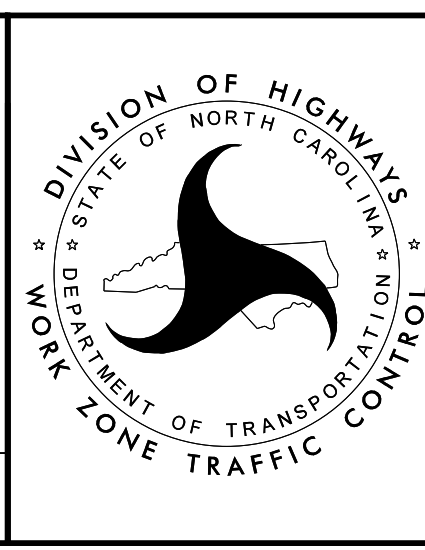
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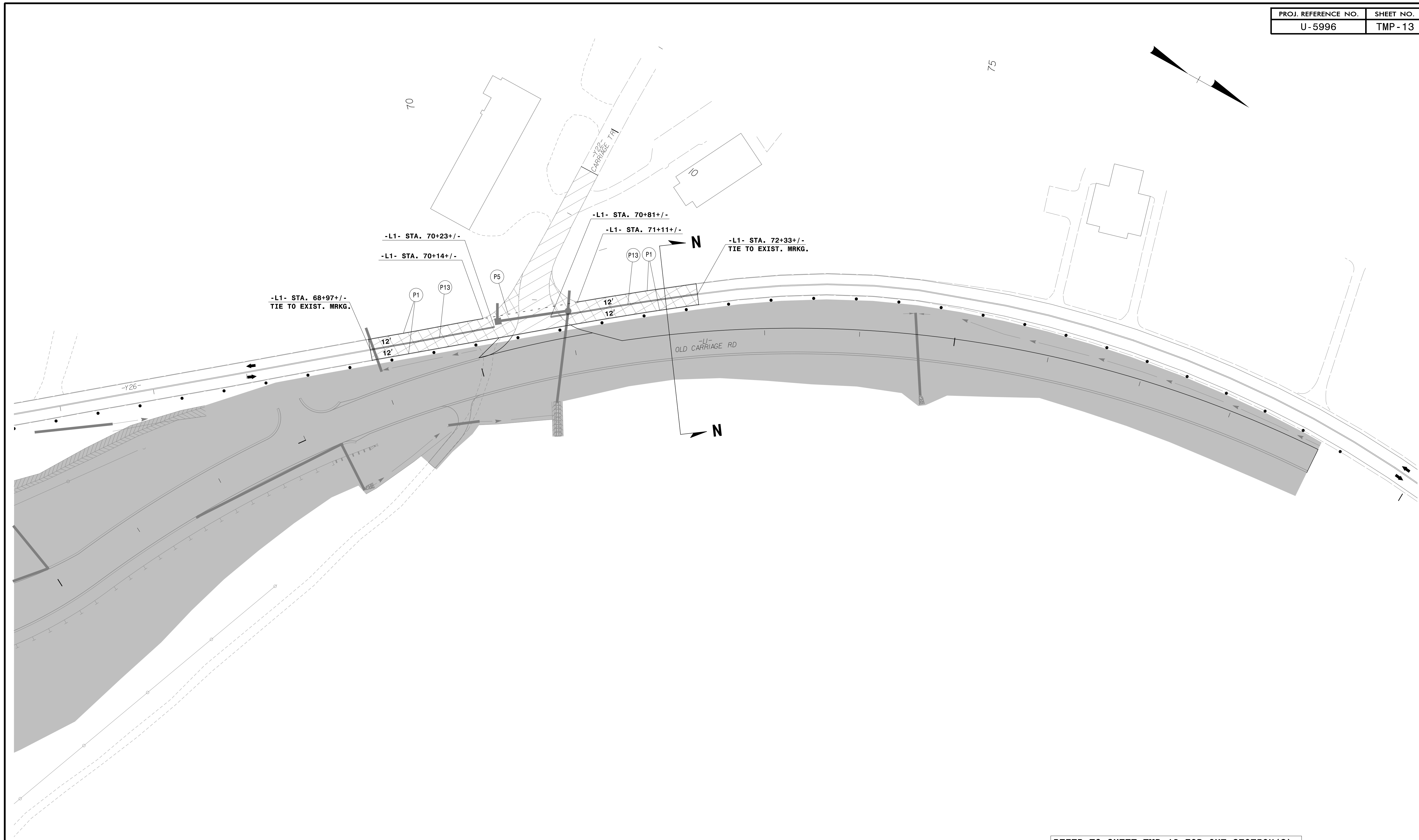

 JOHN C. TOWNSEND
 ENGINEER
 11/16/2021

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**TEMPORARY TRAFFIC CONTROL
 PHASE I DETAIL
 STEP 11B**

PROJ. REFERENCE NO.	SHEET NO.
U-5996	TMP-13



REFER TO SHEET TMP-18 FOR CUT SECTION(S).

11/4/2021
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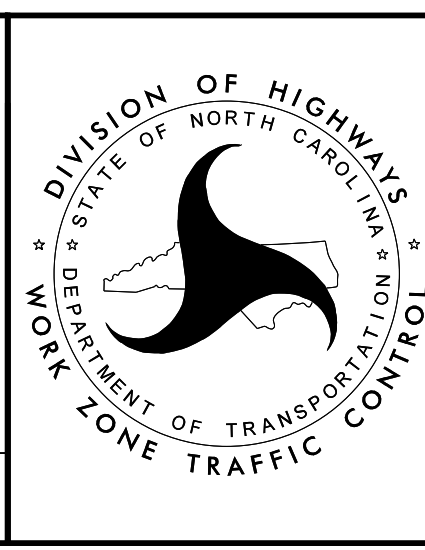


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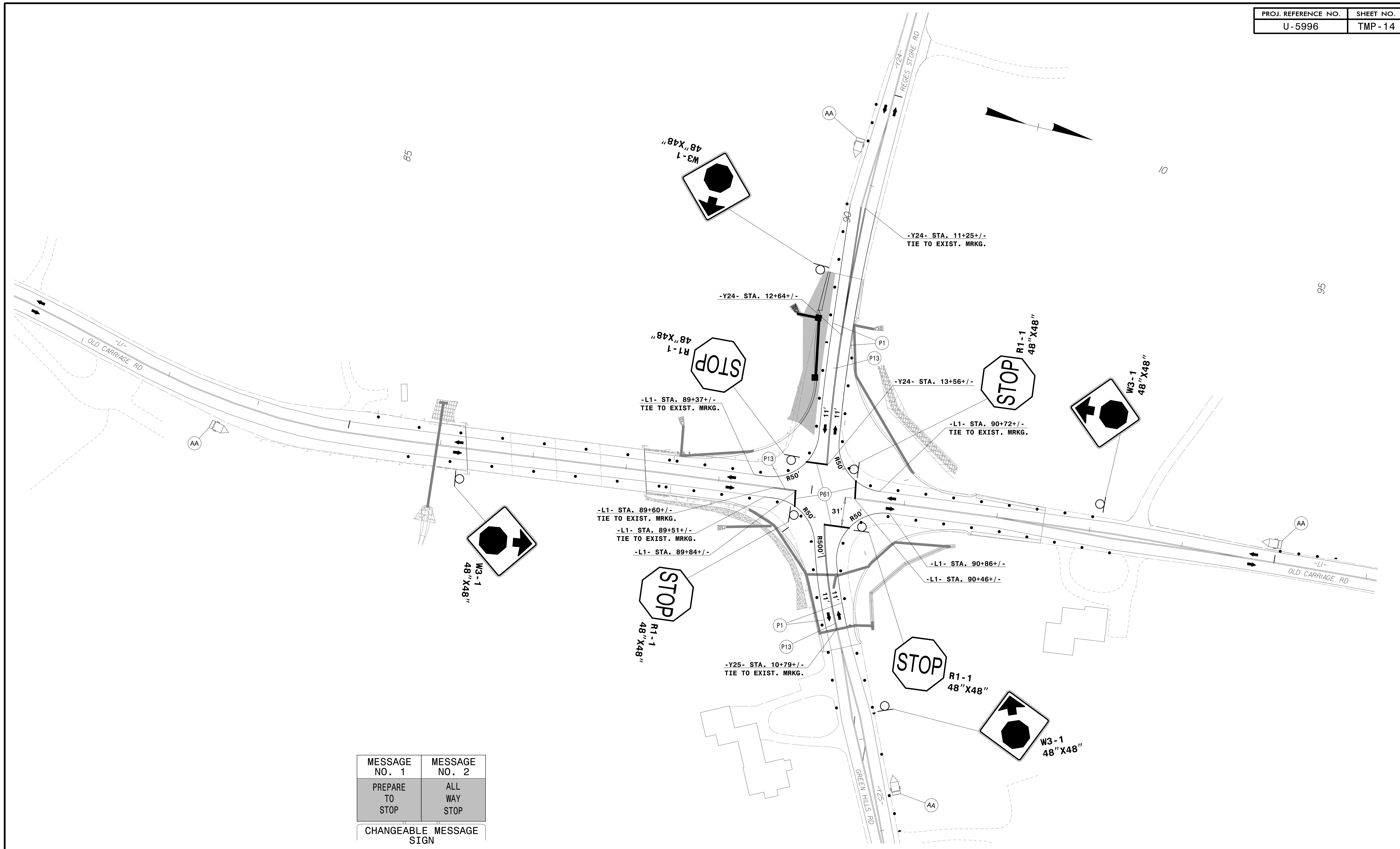
JOHN C. TOWNSEND
PROFESSIONAL ENGINEER
031533

11/16/2021

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**TEMPORARY TRAFFIC CONTROL
PHASE I DETAIL
STEP 11C**

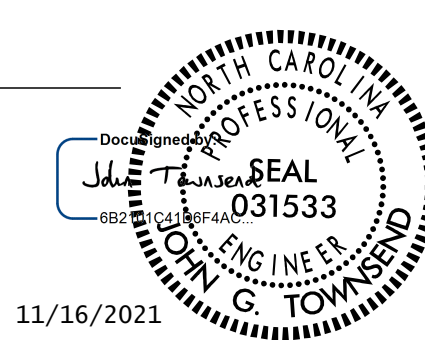


MESSAGE NO. 1	MESSAGE NO. 2
PREPARE TO STOP	ALL WAY STOP

CHANGEABLE MESSAGE SIGN

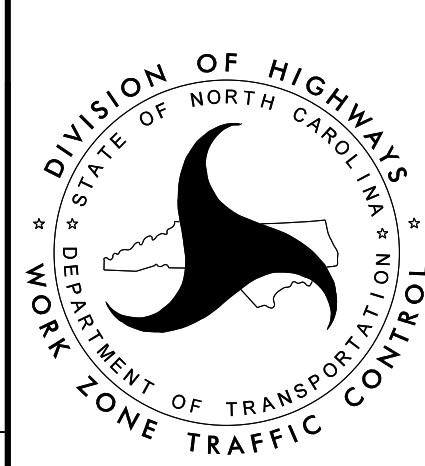
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APPROVED: _____
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11/16/2021

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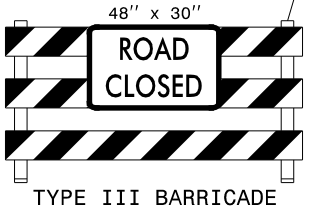
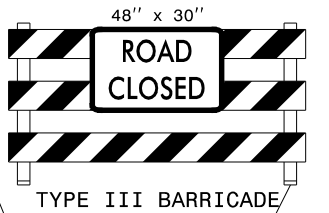
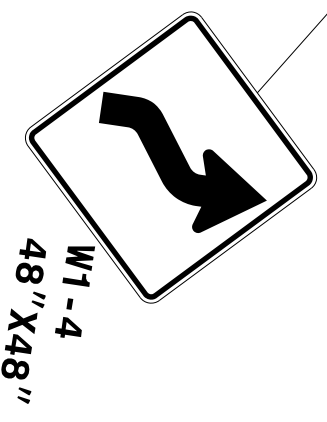
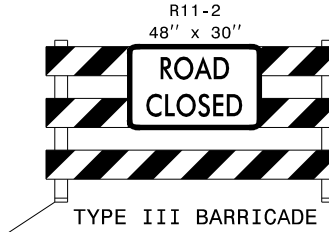
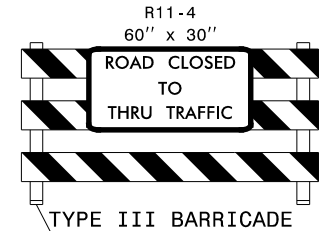
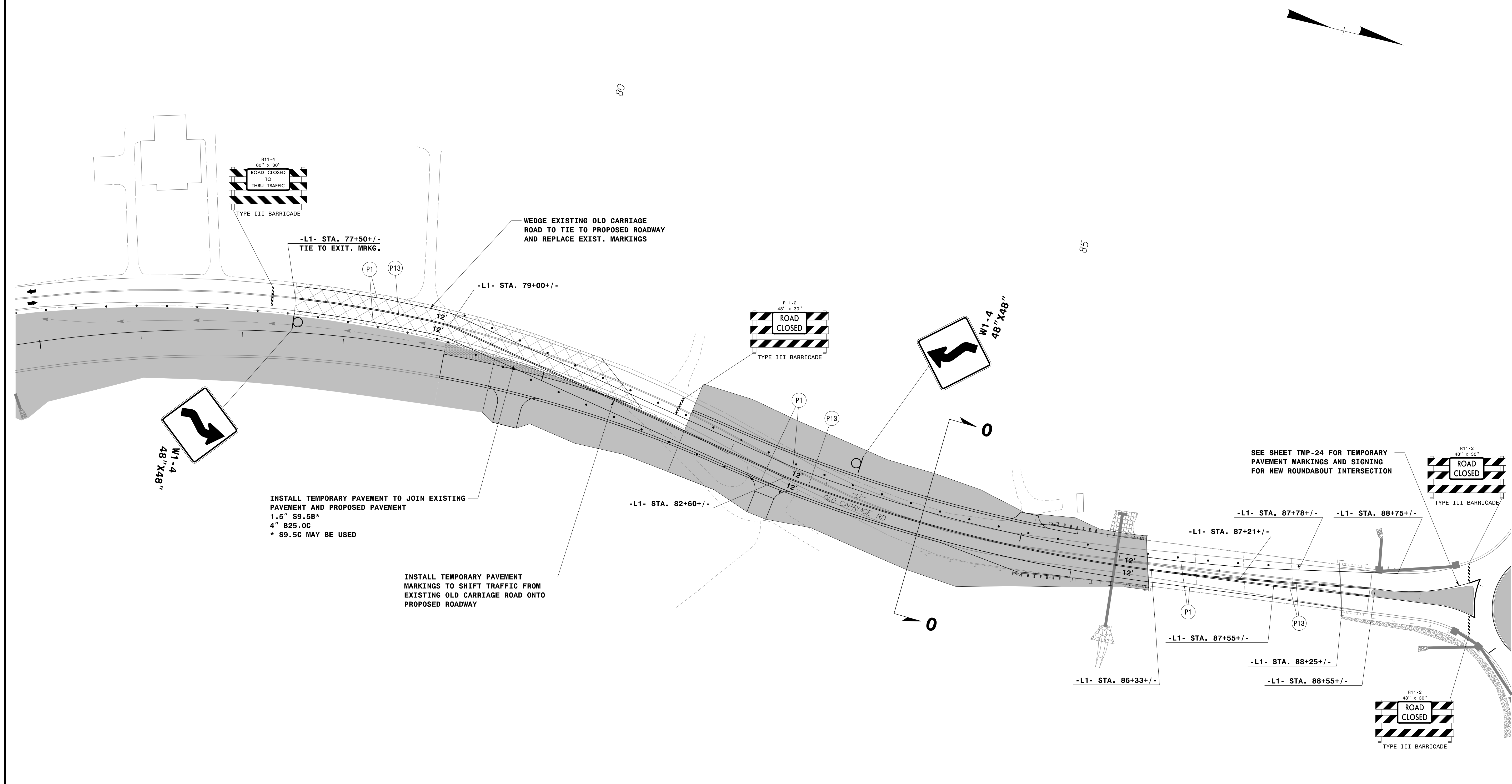


**TEMPORARY TRAFFIC CONTROL
 PHASE I DETAIL
 STEP 12**

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-L1- STA. 77+50+/-
TIE TO EXIT. MRKG.

-L1- STA. 79+00+/-

-L1- STA. 82+60+/-

-L1- STA. 86+33+/-

-L1- STA. 87+21+/-

-L1- STA. 88+25+/-

-L1- STA. 88+55+/-

-L1- STA. 87+78+/-

-L1- STA. 88+75+/-

INSTALL TEMPORARY PAVEMENT TO JOIN EXISTING PAVEMENT AND PROPOSED PAVEMENT
1.5" S9.5B*
4" B25.0C
* S9.5C MAY BE USED

INSTALL TEMPORARY PAVEMENT MARKINGS TO SHIFT TRAFFIC FROM EXISTING OLD CARRIAGE ROAD ONTO PROPOSED ROADWAY

WEDGE EXISTING OLD CARRIAGE ROAD TO TIE TO PROPOSED ROADWAY AND REPLACE EXIST. MARKG.

SEE SHEET TMP-24 FOR TEMPORARY PAVEMENT MARKINGS AND SIGNING FOR NEW ROUNDABOUT INTERSECTION

REFER TO SHEET TMP-18 FOR CUT SECTION(S).

11/29/2021 R:\TrafficControl\TCP\U5996_tmp_psh5.dgn User:jtowensend



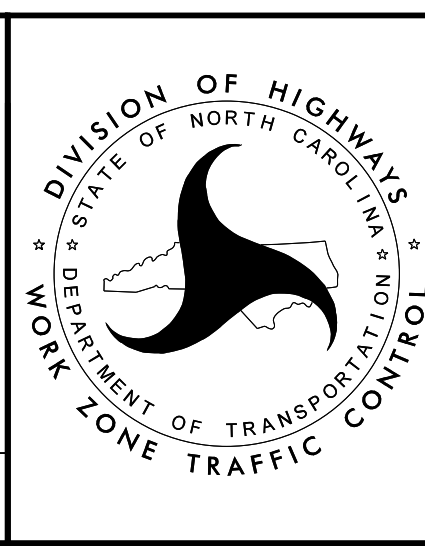
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NC License No. C-3705

APPROVED: _____
DATE: _____

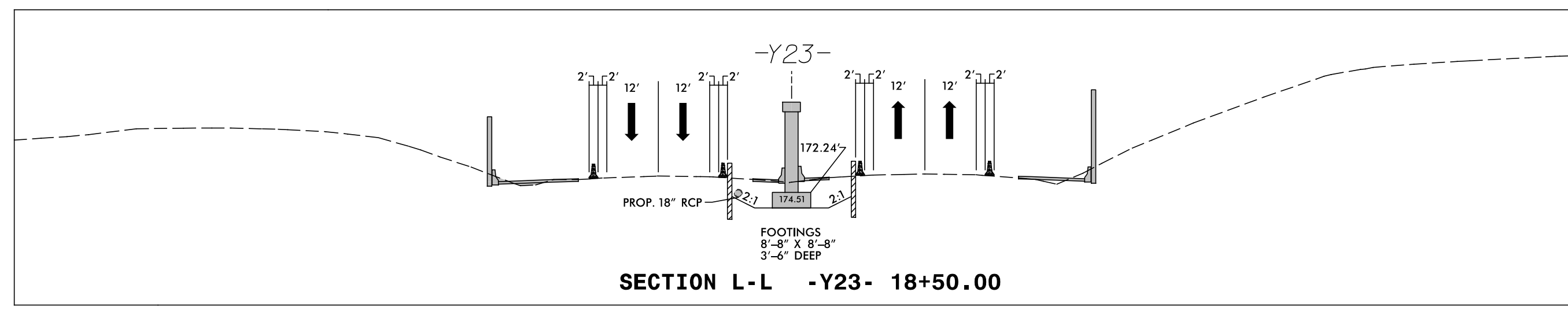
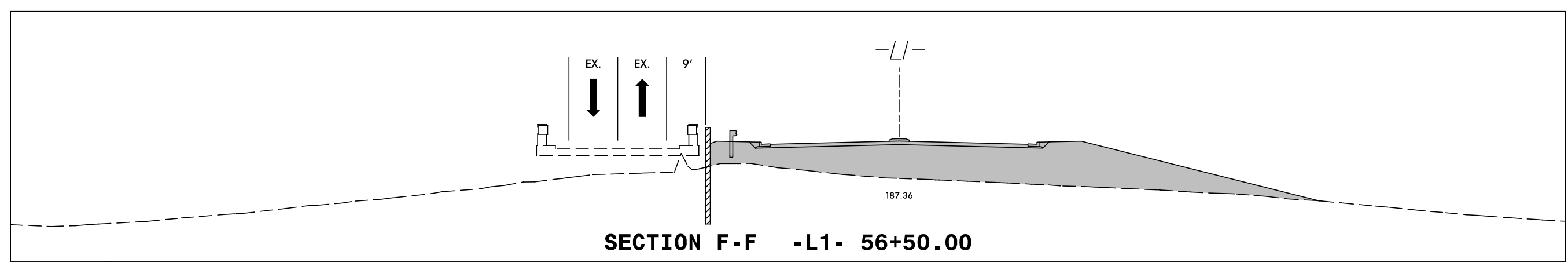
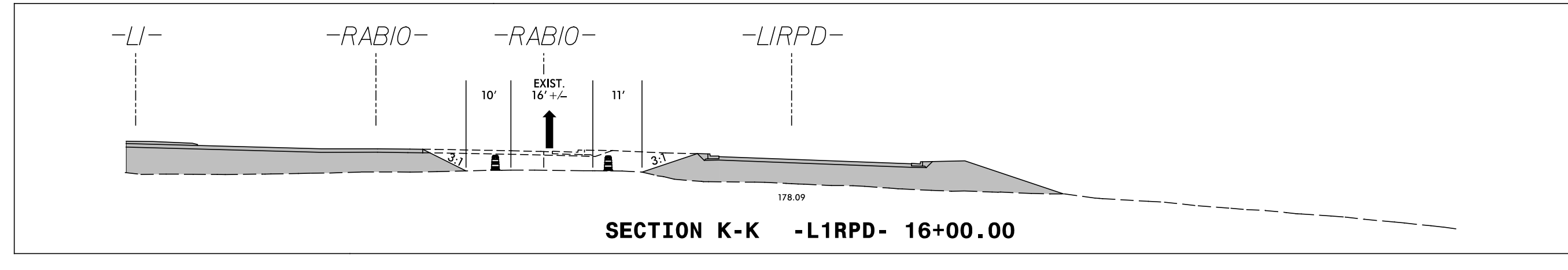
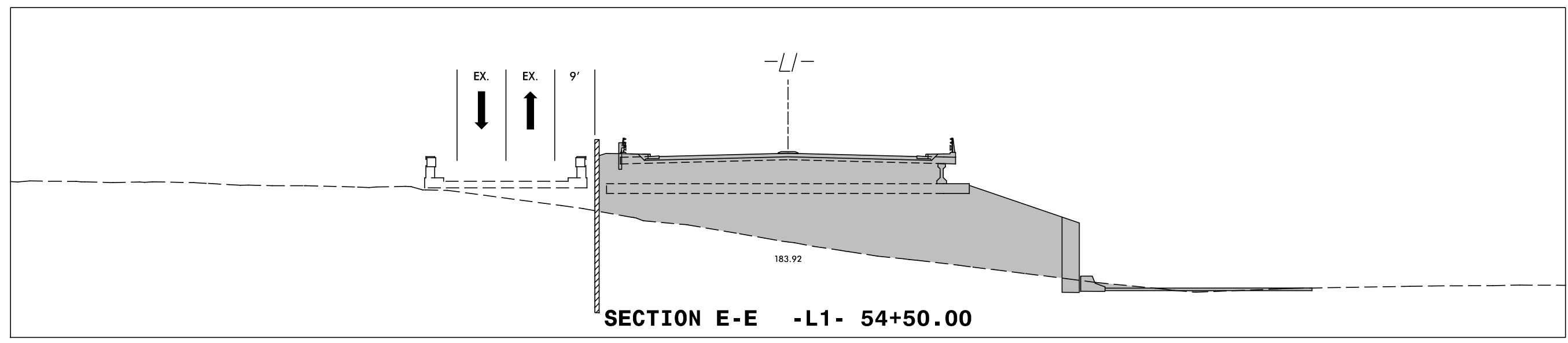
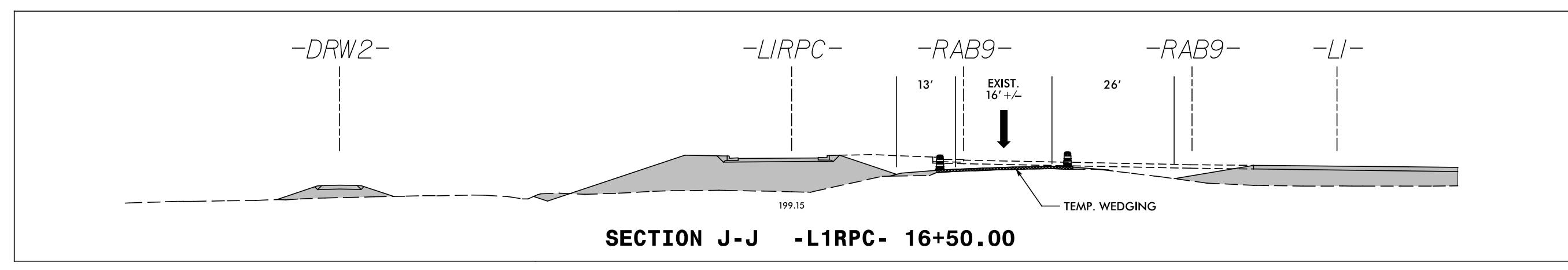
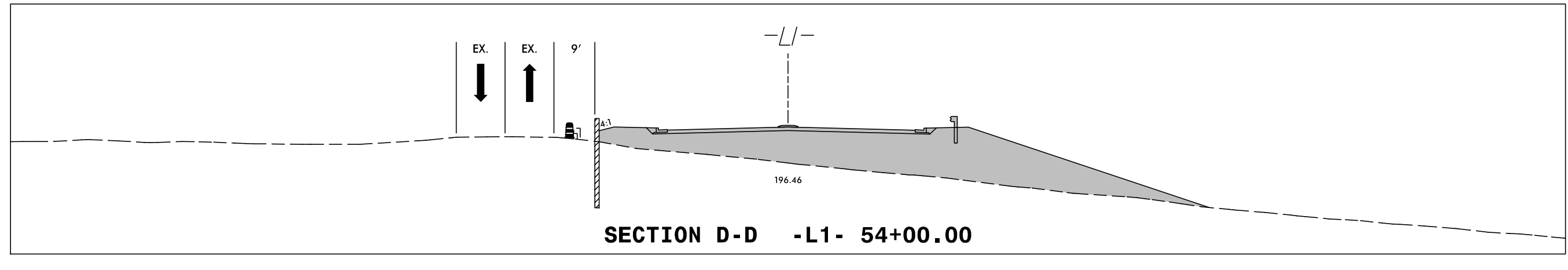
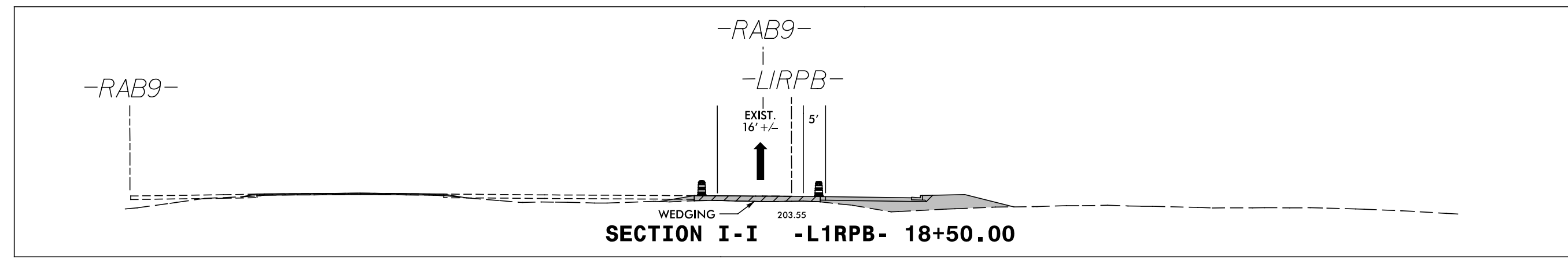
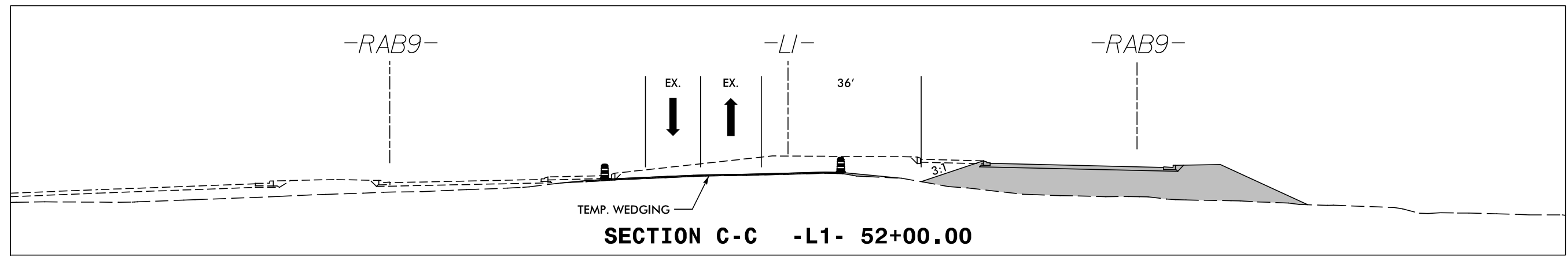
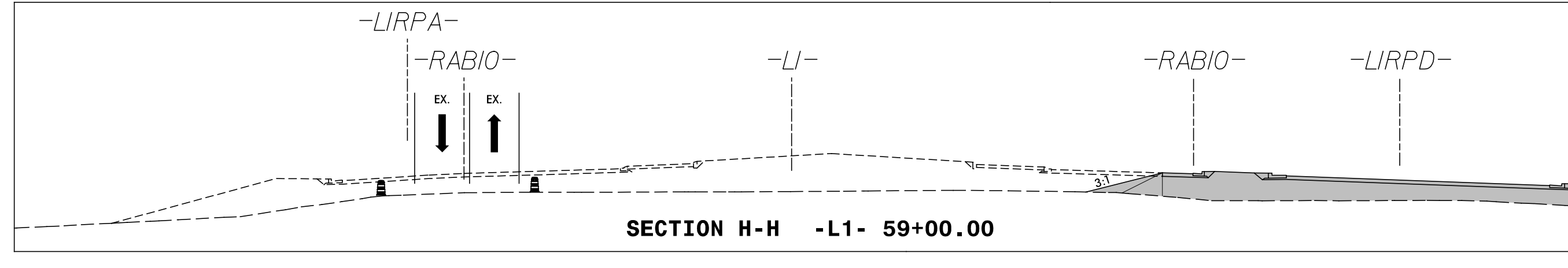
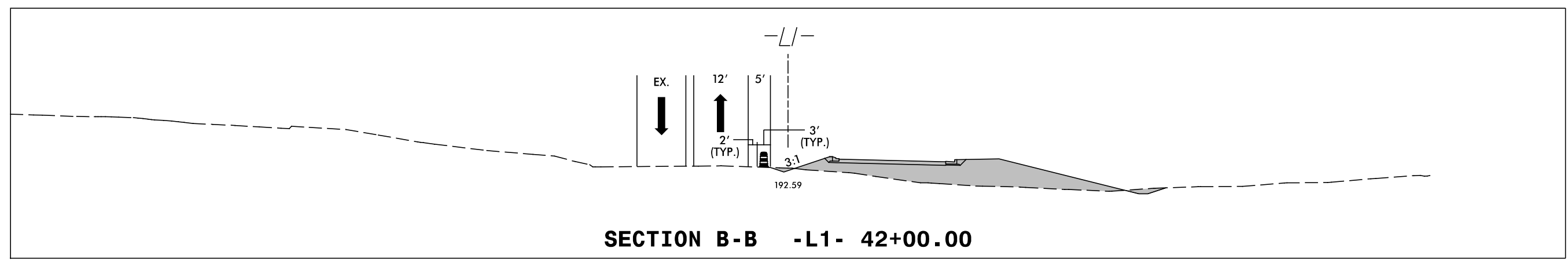
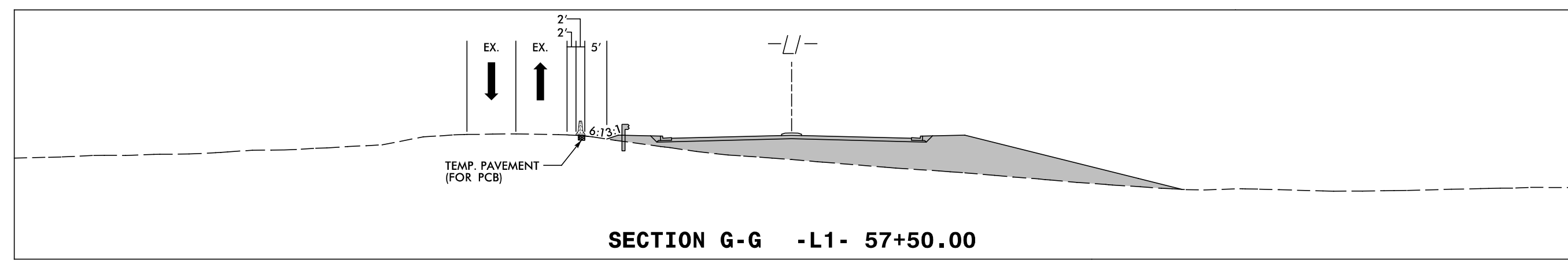
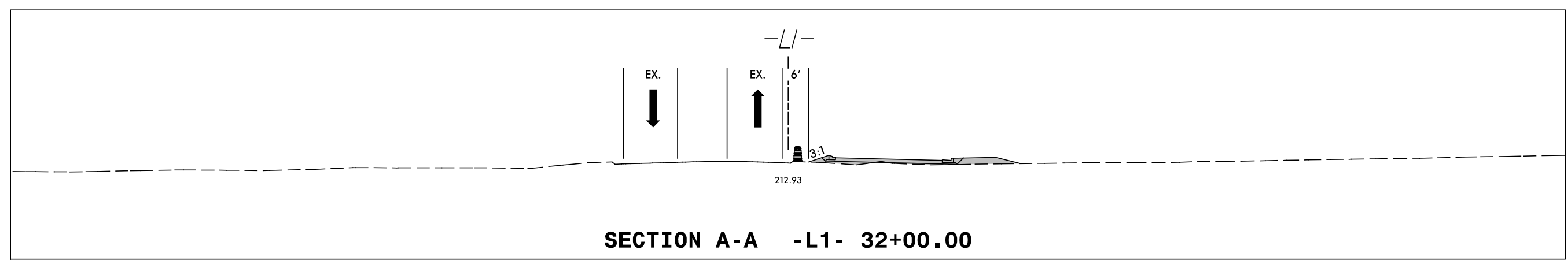
DocuSign
John Townsend
031533
Professional Engineer
John G. Townsend

11/29/2021

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**TEMPORARY TRAFFIC CONTROL
PHASE I DETAIL
STEP 13**



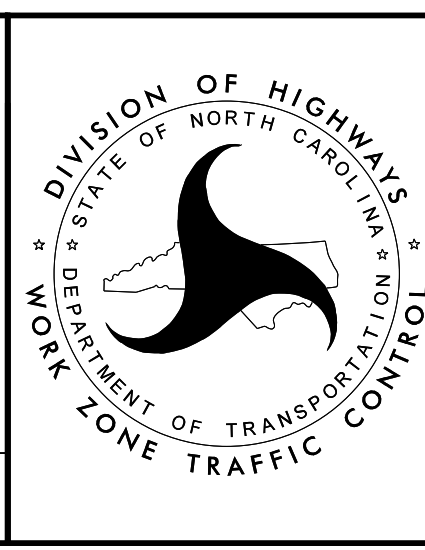
11/4/2021
R:\TrafficControl\TCP\U5996_tmp_pshi7.dgn
User: jtownsend



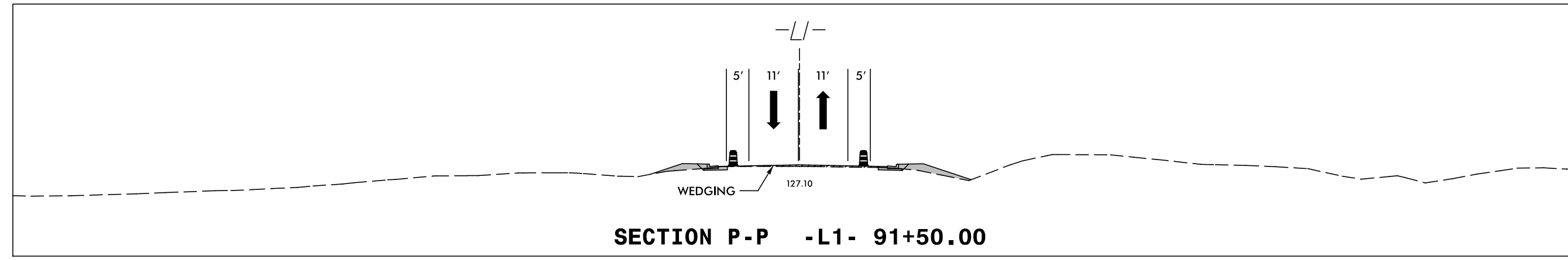
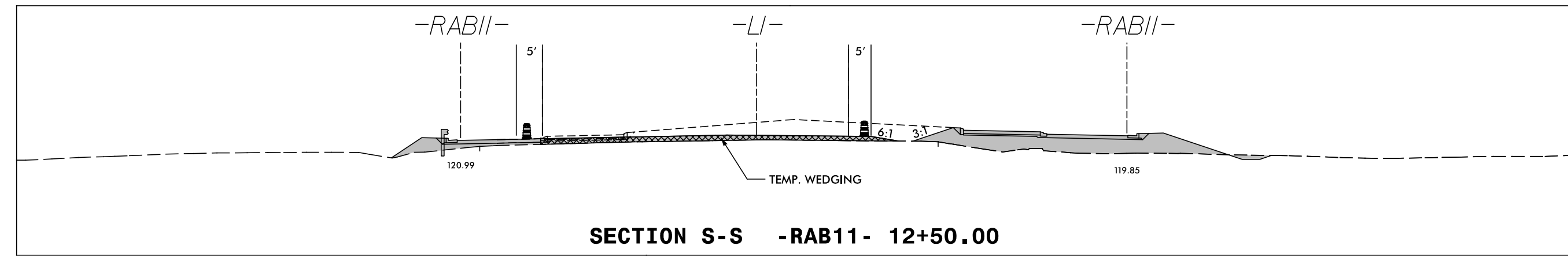
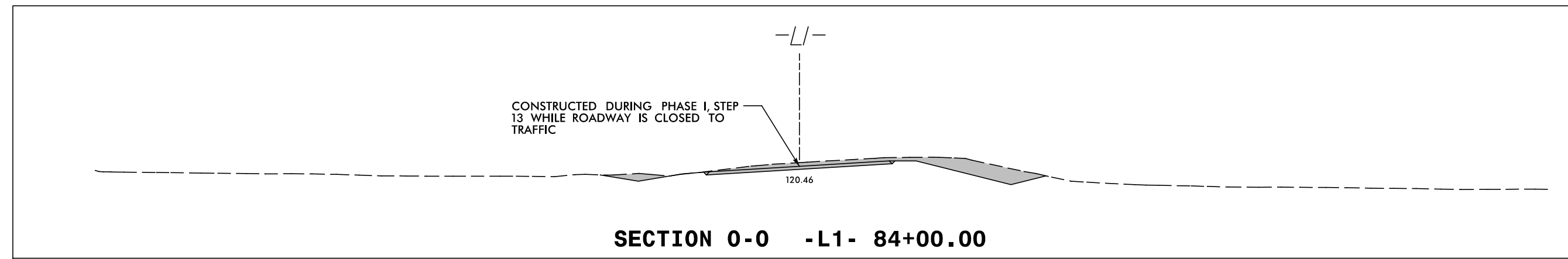
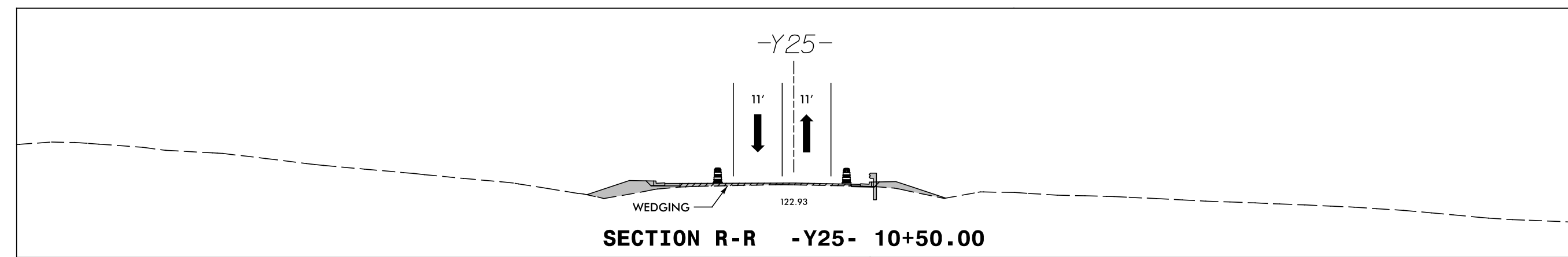
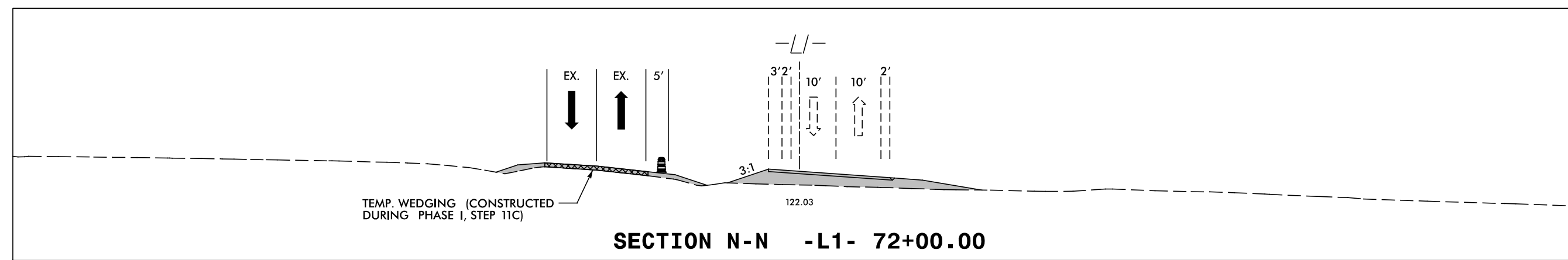
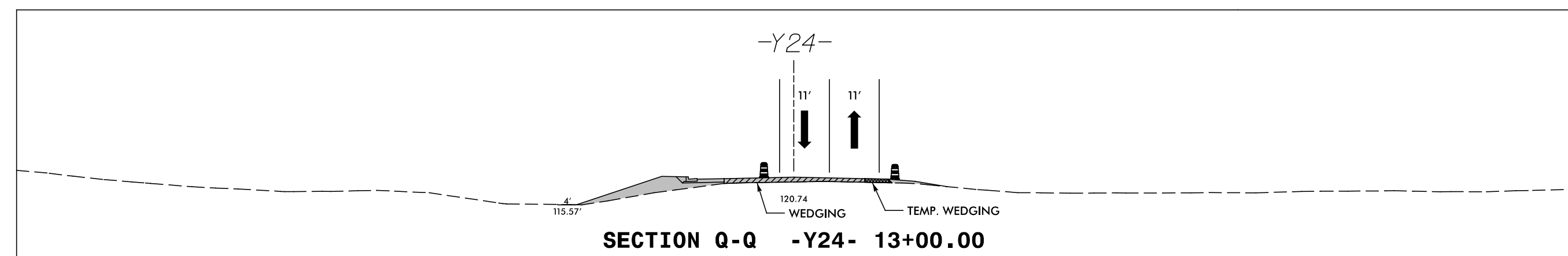
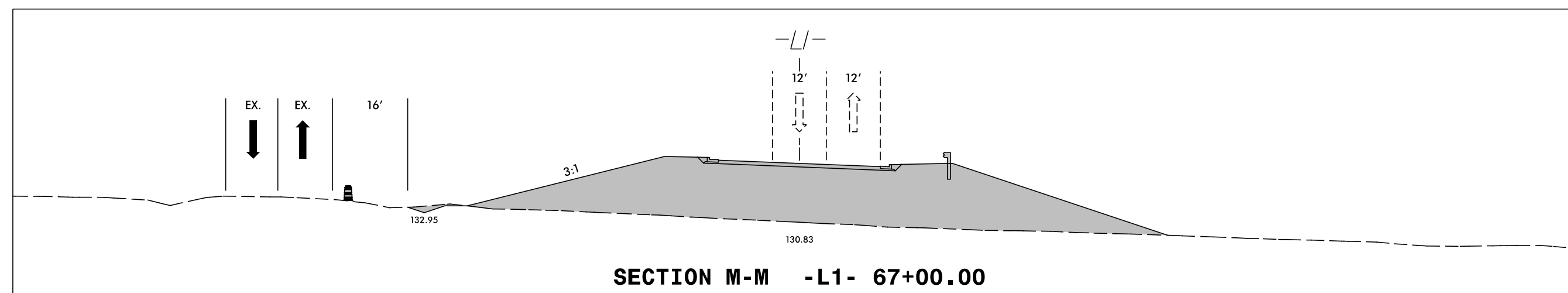
APPROVED: _____
DATE: _____

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**TEMPORARY TRAFFIC CONTROL
PHASE I
CUT SECTIONS**



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User:JHownsend

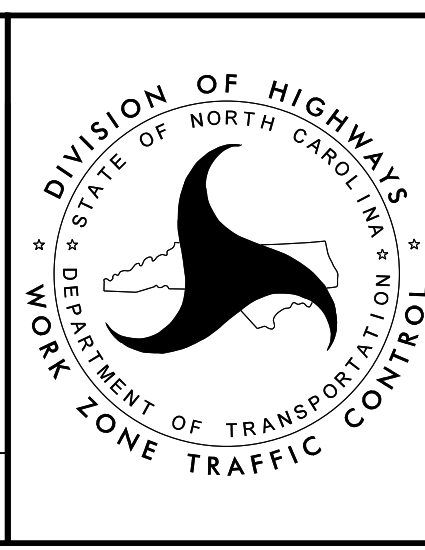


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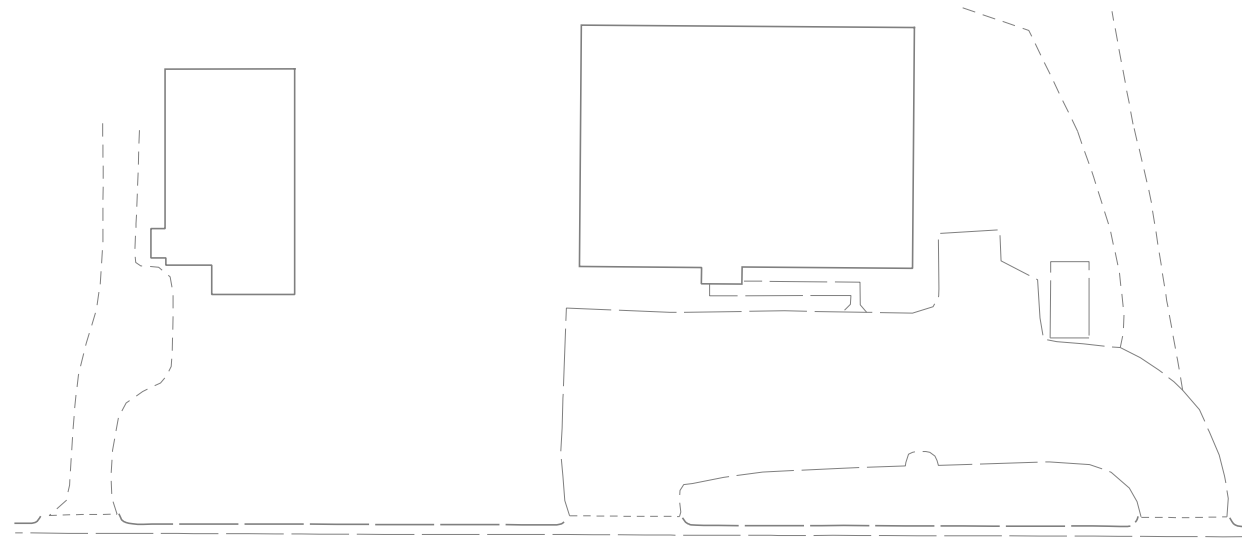
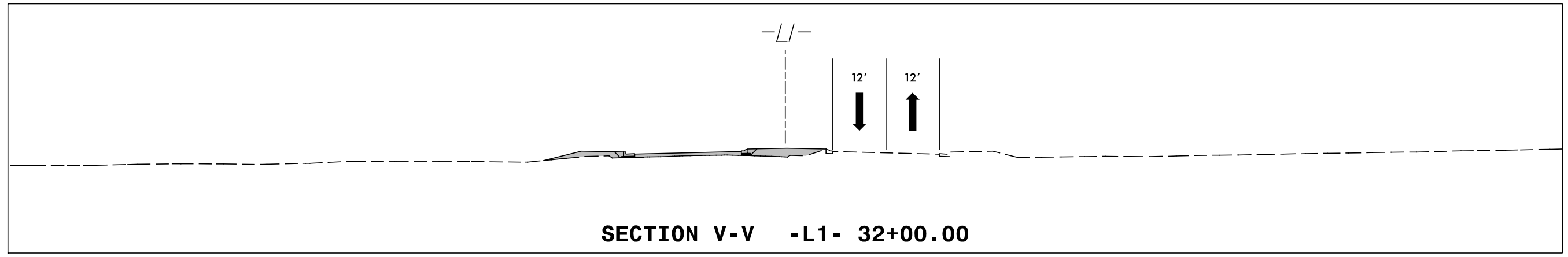
APPROVED: _____
DATE: _____

11/16/2021

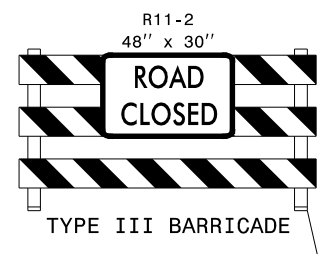
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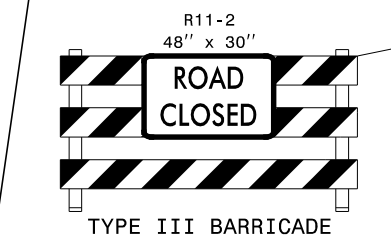
**TEMPORARY TRAFFIC CONTROL
PHASE I
CUT SECTIONS**



-LJ_TMP- PC Sta. 10+00.00 =
-LJ- POC Sta. 32+00.00, 22.71' RT



-LJ_TMP- PRC Sta. 11+00.04



V

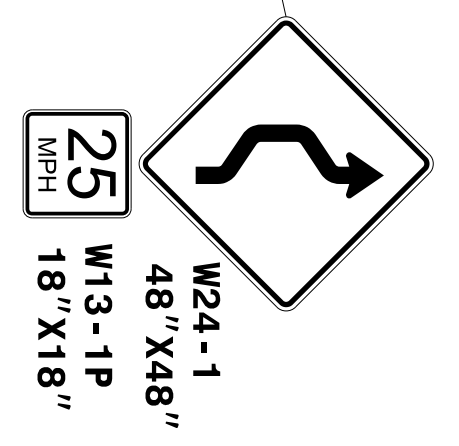
-L1- STA. 32+99+/-

COORDINATE WITH U-5026 / R-5720
DESIGN BUILD PROJECT

OLD CARRIAGE RD

N 2° 43' 42.6" E

MATCHLINE -L1-
STA. 37+00.00
SEE SHEET TMP-20



-LJ_TMP- PT Sta. 12+41.92

-LJ_TMP- PC Sta. 14+35.88

-LJ_TMP- CURVE DATA	-LJ_TMP- CURVE DATA	-LJ_TMP- CURVE DATA	-LJ_TMP- CURVE DATA
PI Sta 10+50.02	PI Sta 11+71.09	PI Sta 15+10.15	PI Sta 16+40.77
$\Delta = 1^\circ 54' 10.6''$ (LT)	$\Delta = 7^\circ 48' 59.7''$ (RT)	$\Delta = 8^\circ 10' 10.1''$ (LT)	$\Delta = 1^\circ 05' 06.8''$ (RT)
D = 1' 54' 08.1"	D = 5' 30' 33.2"	D = 5' 30' 33.2"	D = 0' 57' 31.3"
L = 100.04'	L = 141.88'	L = 148.29'	L = 113.20'
T = 50.02'	T = 71.05'	T = 74.27'	T = 56.60'
R = 3,012.00'	R = 1,040.00'	R = 1,040.00'	R = 5,976.50'

11/4/2021
R:\TrafficControl\TCP\U5996_tmp_psh9.dgn
User:JHowsend

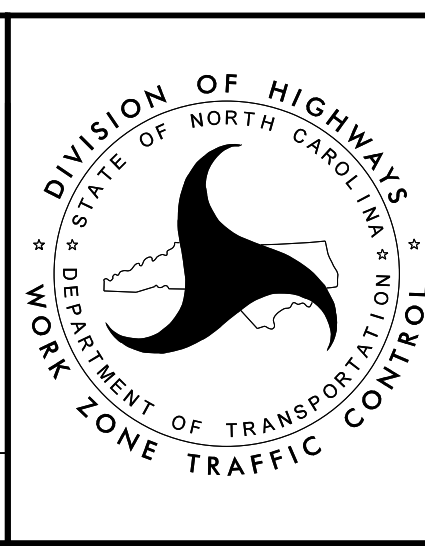


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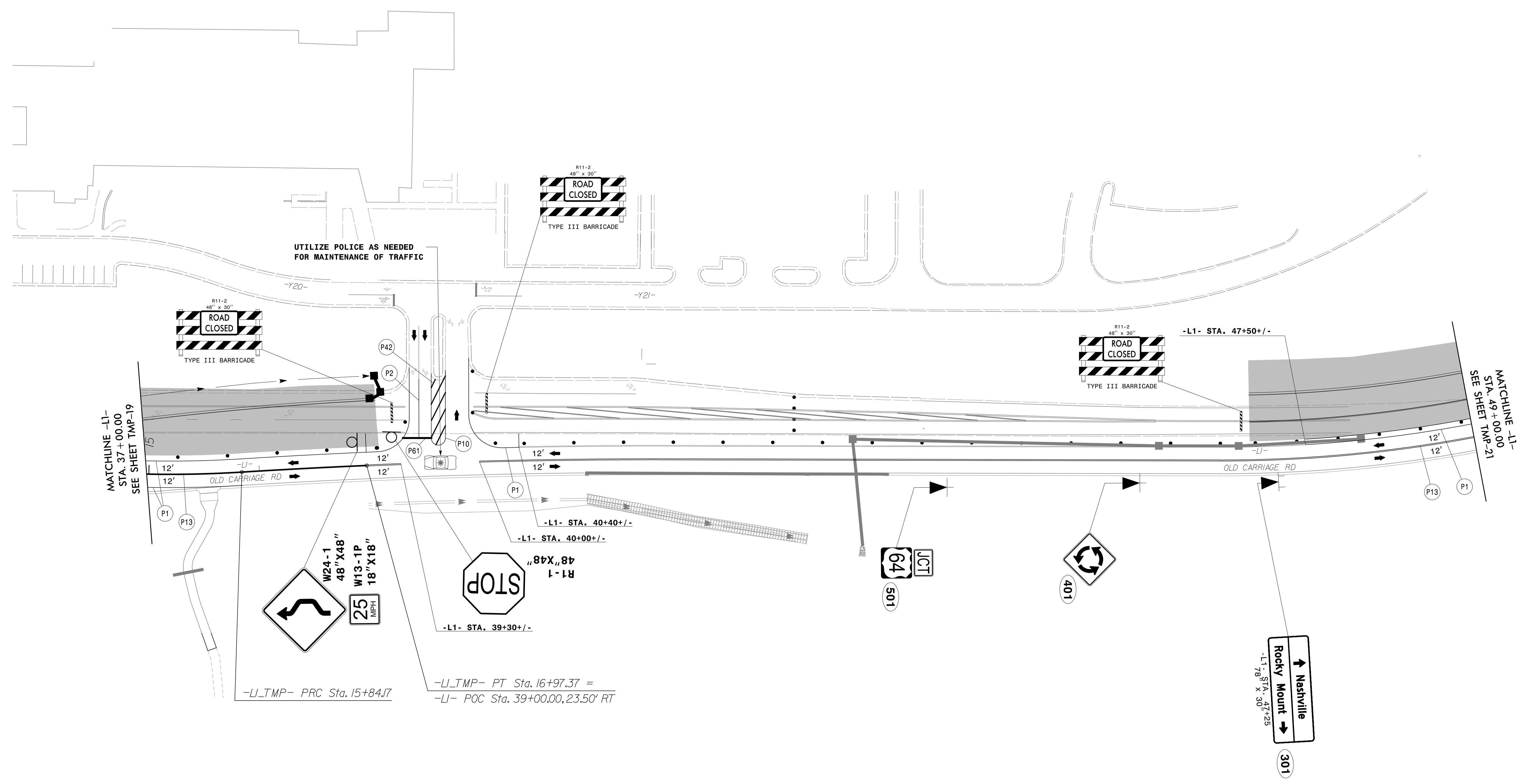
APPROVED: _____
DATE: _____

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**TEMPORARY TRAFFIC CONTROL
PHASE II DETAIL
SHEET 1 OF 7**



UTILIZE POLICE AS NEEDED FOR MAINTENANCE OF TRAFFIC

MATCHLINE -L1- STA. 37+00.00 SEE SHEET TMP-19

MATCHLINE -L1- STA. 49+00.00 SEE SHEET TMP-21

-L1-TMP- PRC Sta. 15+84.17

-L1-TMP- PT Sta. 16+97.37 =
-L1- POC Sta. 39+00.00, 23.50' RT

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R:\TrafficControl\TCP\U5996_tmp_psh20.dgn
User:JHtownsend

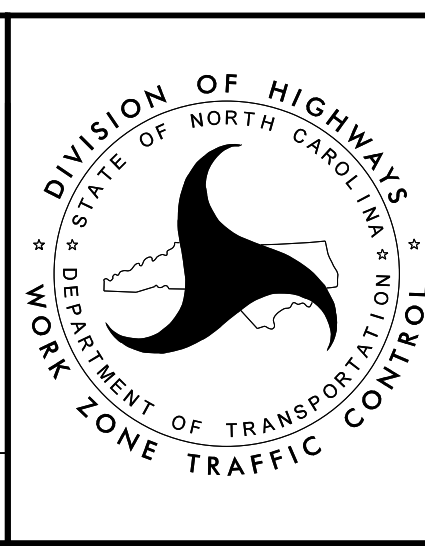


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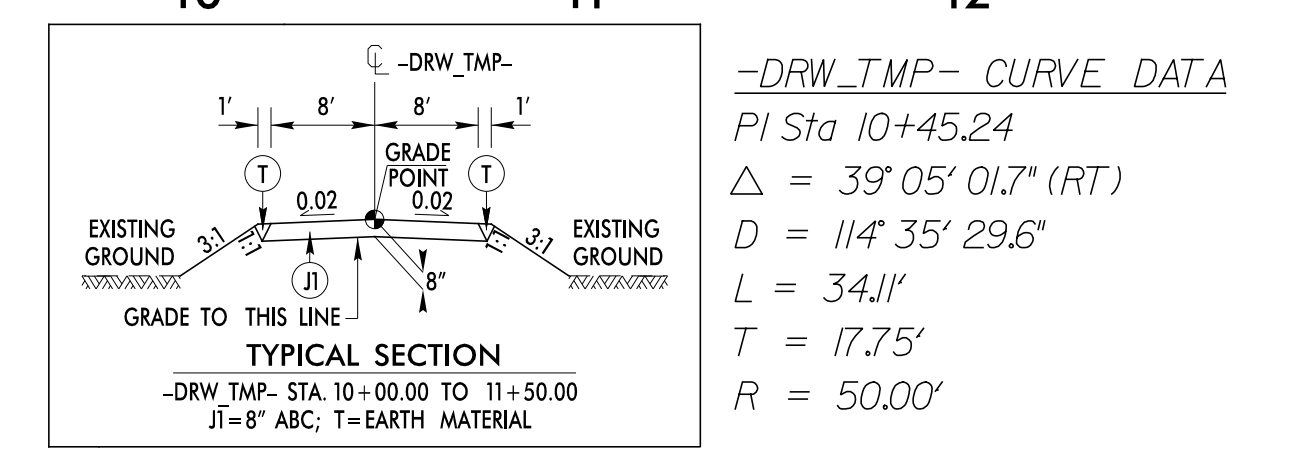
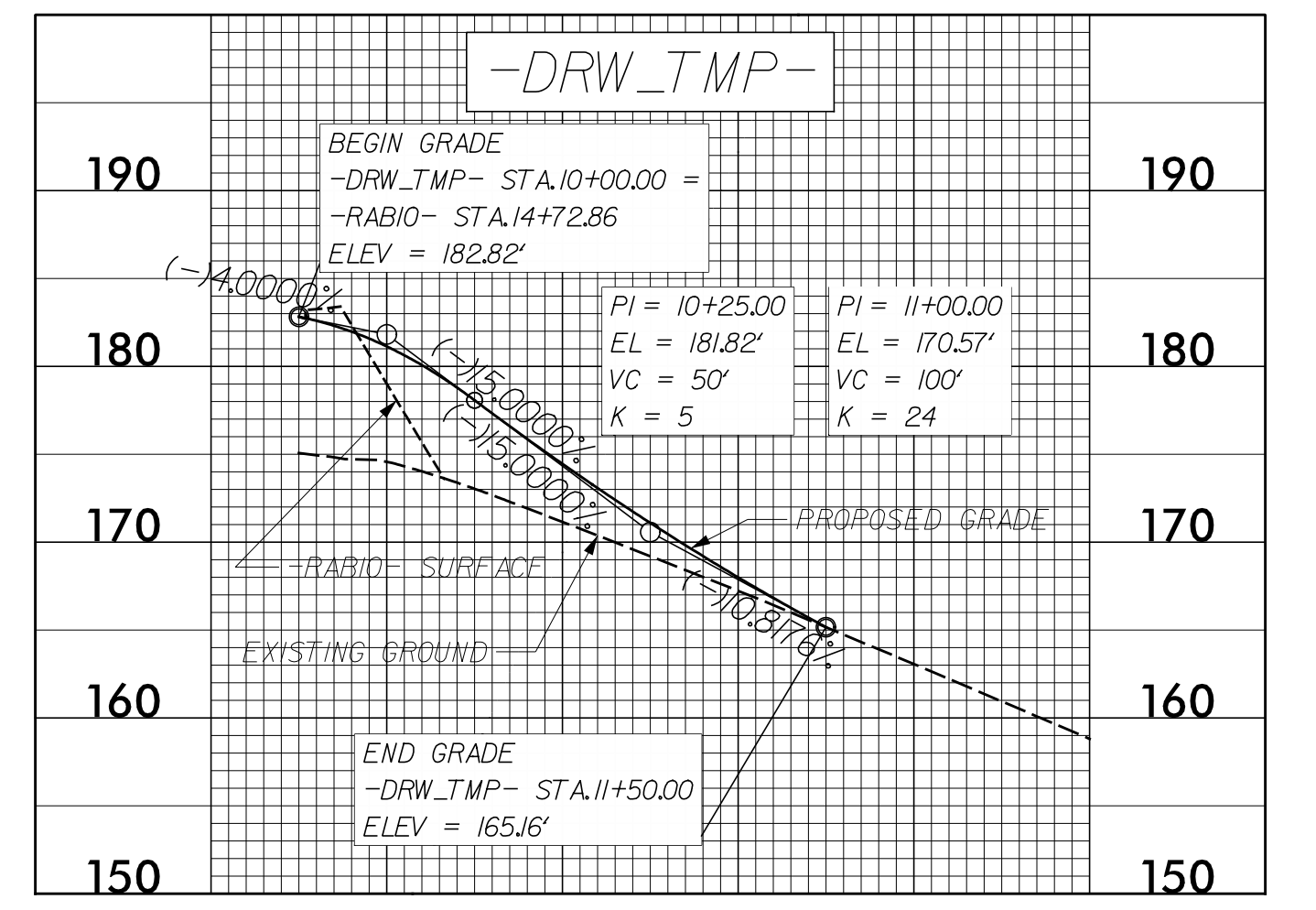
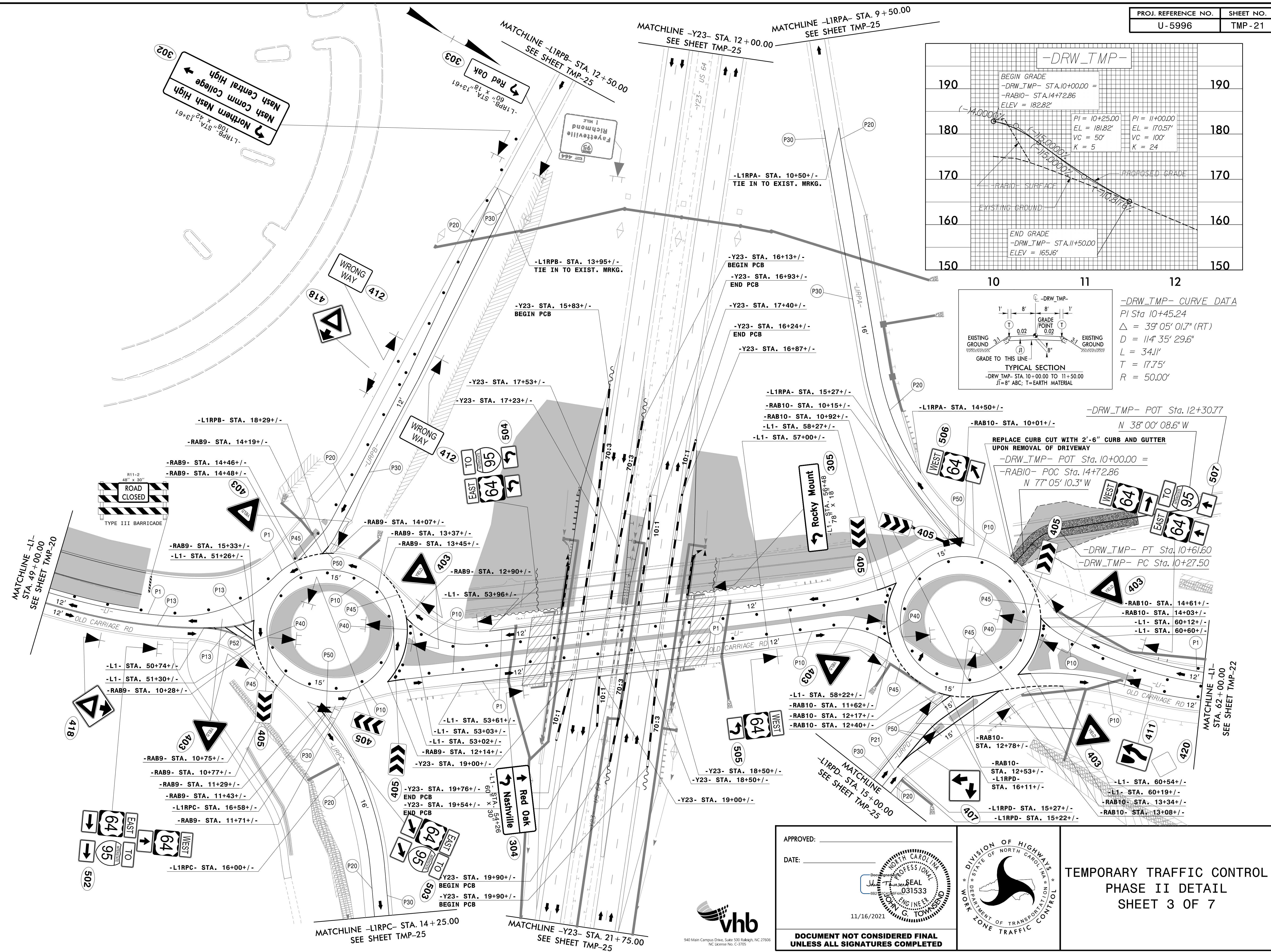
APPROVED: _____
DATE: _____

11/16/2021

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TEMPORARY TRAFFIC CONTROL
PHASE II DETAIL
SHEET 2 OF 7



-DRW_TMP- CURVE DATA
 PI Sta 10+45.24
 $\Delta = 39^\circ 05' 01.7''$ (RT)
 $D = 114^\circ 35' 29.6''$
 $L = 34.11'$
 $T = 17.75'$
 $R = 50.00'$

-DRW_TMP- POT Sta. 12+30.77
 $N 38^\circ 00' 08.6'' W$

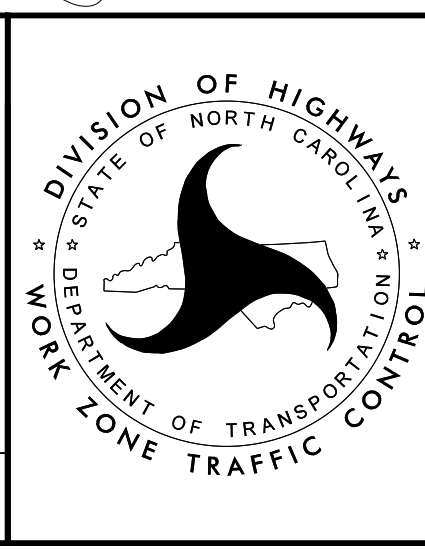
REPLACE CURB CUT WITH 2'-6" CURB AND GUTTER UPON REMOVAL OF DRIVEWAY
-DRW_TMP- POT Sta. 10+00.00 =
-RAB10- POC Sta. 14+72.86
 $N 77^\circ 05' 10.3'' W$

-DRW_TMP- PT Sta. 10+61.60
-DRW_TMP- PC Sta. 10+27.50

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 DATE: _____

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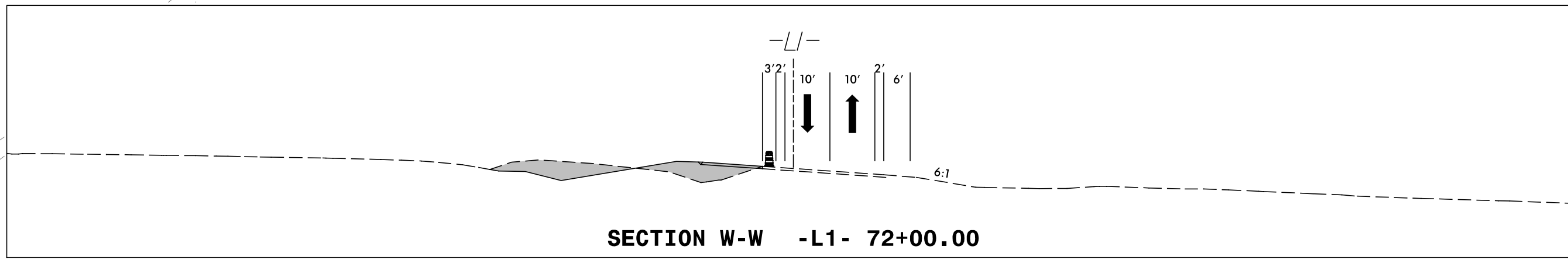
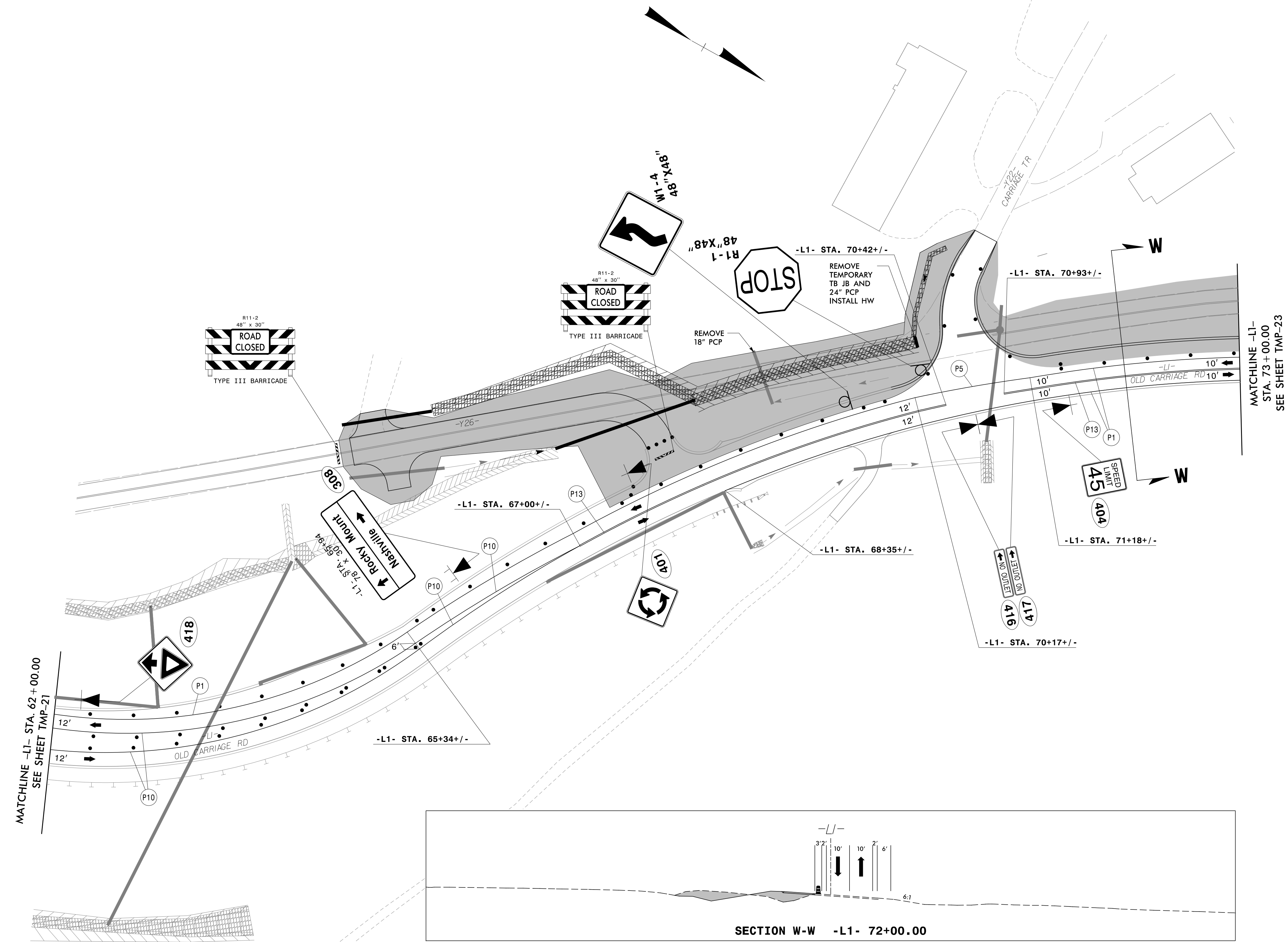
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TEMPORARY TRAFFIC CONTROL PHASE II DETAIL SHEET 3 OF 7

11/14/2021
 R:\TrafficControl\TCP\U5996_tmp_psh2.dgn
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MATCHLINE -L1- STA. 73+00.00
SEE SHEET TMP-23

MATCHLINE -L1- STA. 62+00.00
SEE SHEET TMP-21

11/4/2021
R:\TrafficControl\TCP\U5996_tmp_psh22.dgn
User:Jtownsend

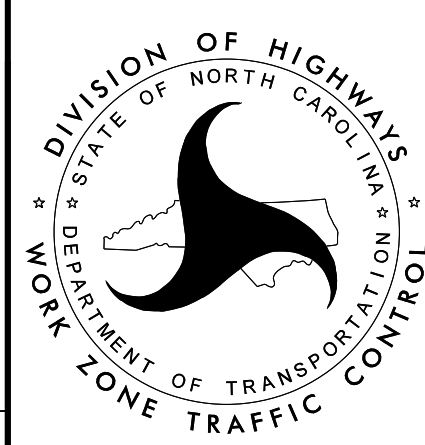
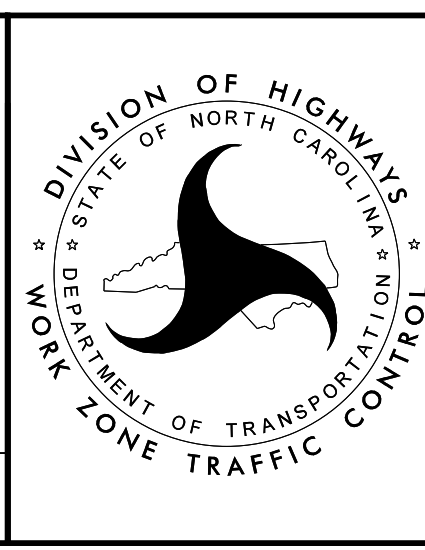


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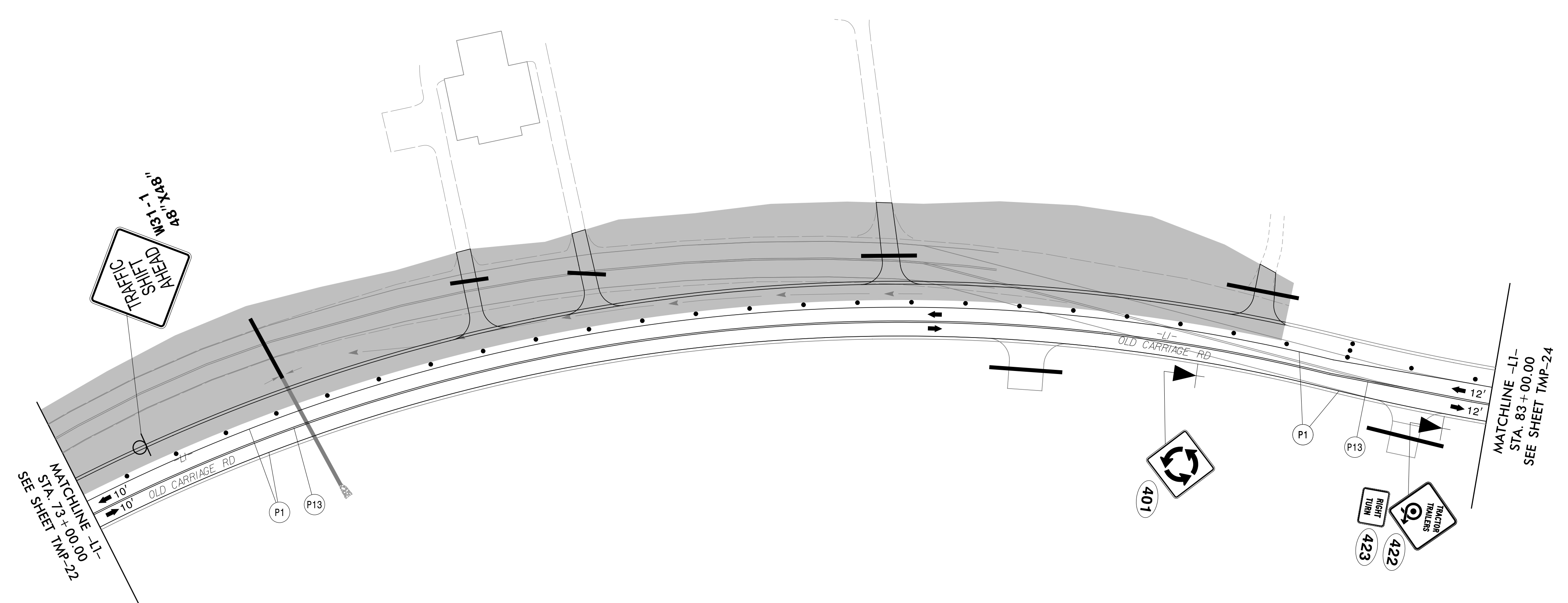
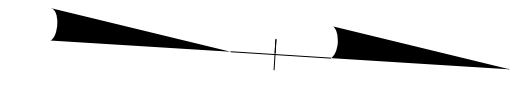
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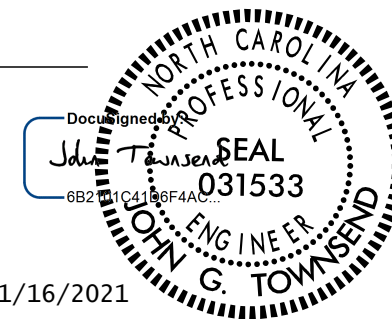
**TEMPORARY TRAFFIC CONTROL
PHASE II DETAIL
SHEET 4 OF 7**

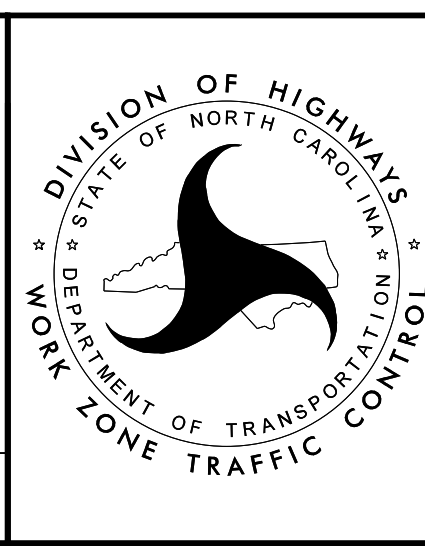
PROJ. REFERENCE NO.	SHEET NO.
U-5996	TMP-23



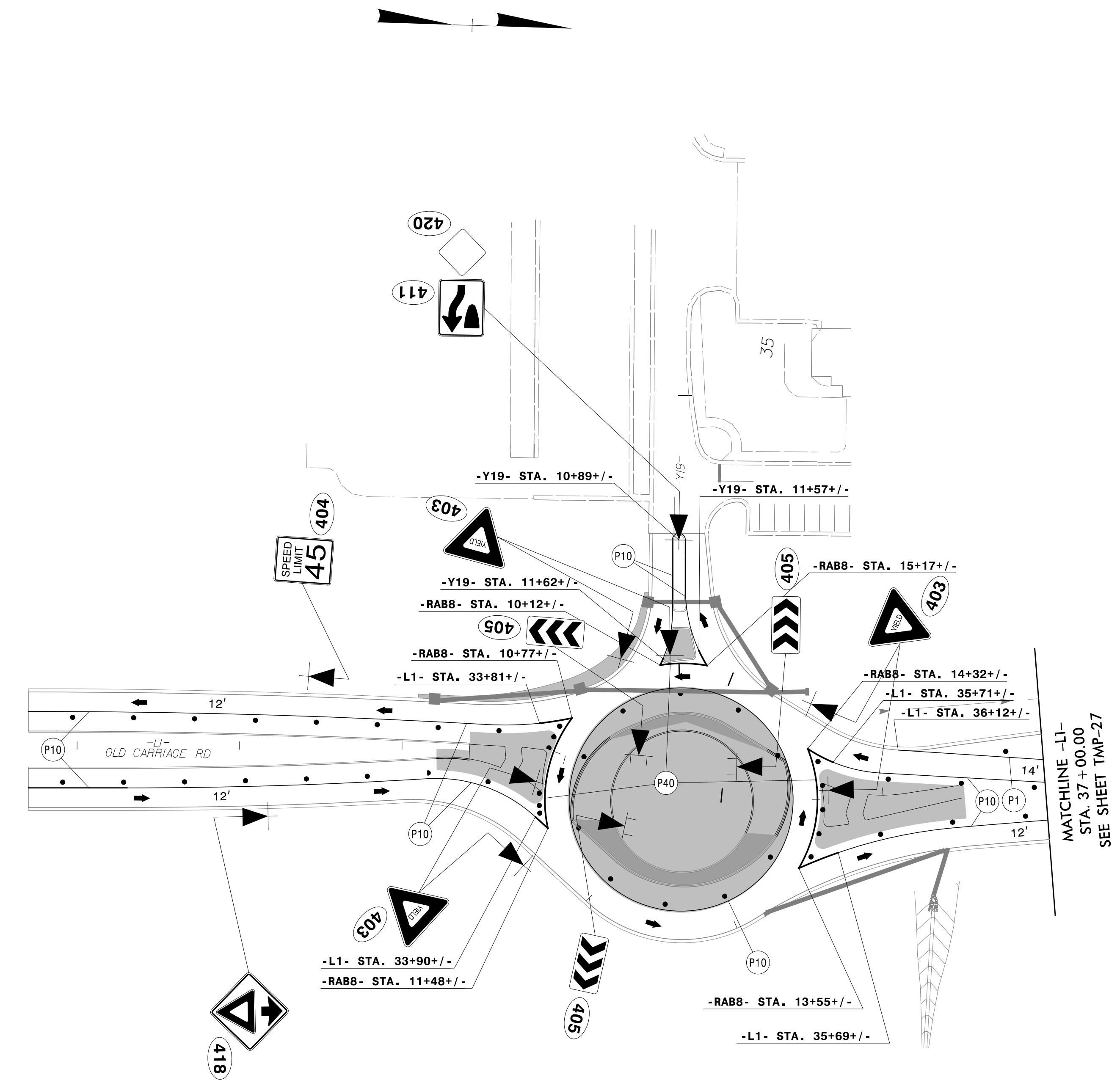
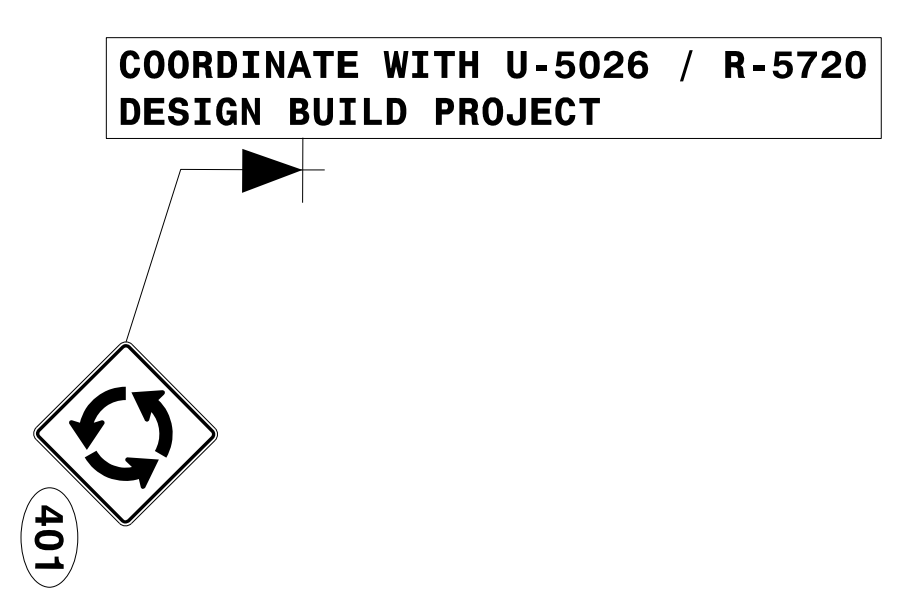
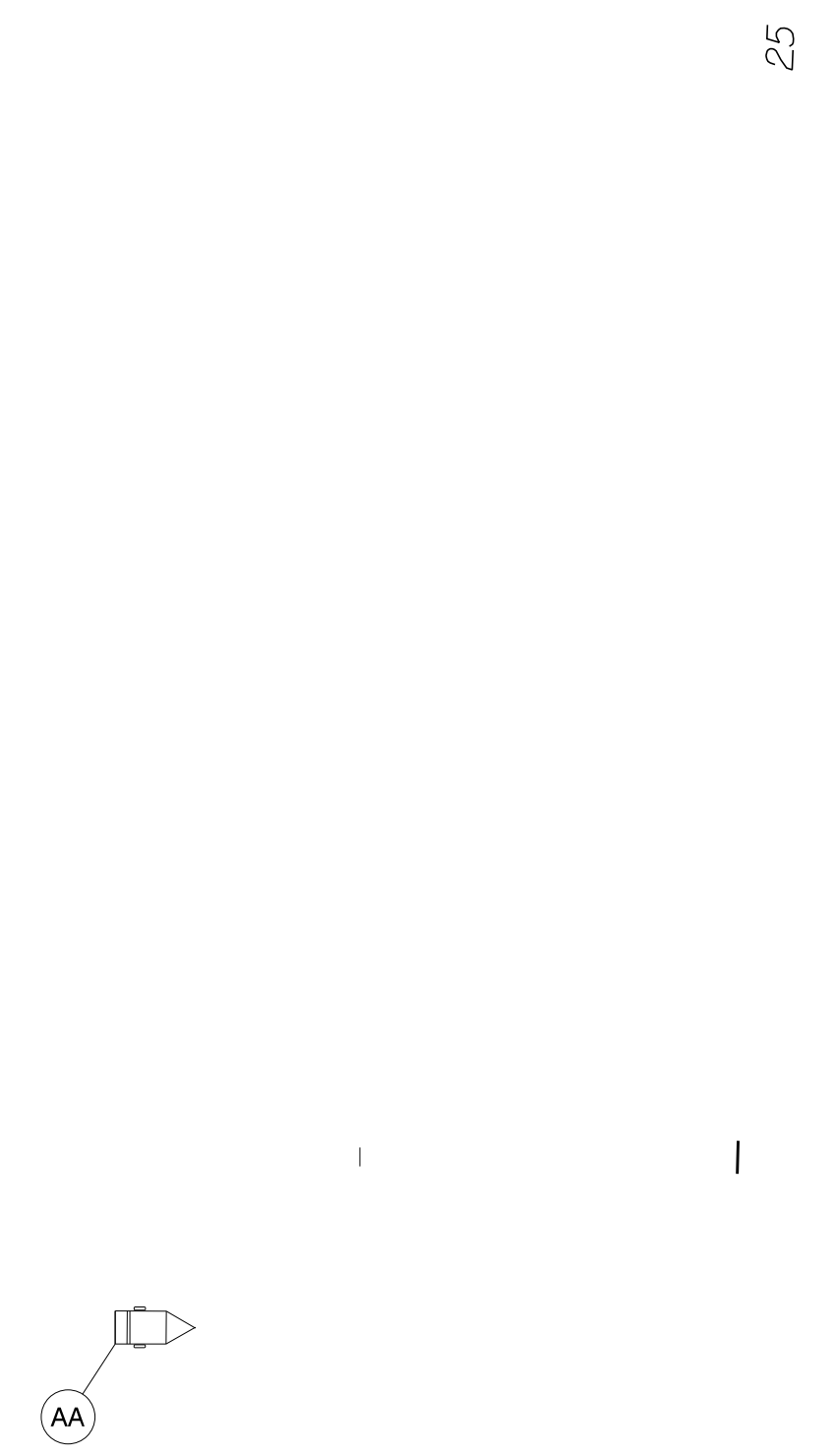
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 User:JHownsend



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**TEMPORARY TRAFFIC CONTROL
 PHASE II DETAIL
 SHEET 5 OF 7**



BEGINNING 10 DAYS PRIOR TO NEW PATTERN	MESSAGE NO. 1	MESSAGE NO. 2
	NEW TRAFFIC PATTERN	(MONTH) (DAY)
CHANGEABLE MESSAGE SIGN		
AFTER NEW PATTERN	MESSAGE NO. 1	MESSAGE NO. 2
	NEW TRAFFIC PATTERN	USE ROUND- ABOUT
CHANGEABLE MESSAGE SIGN		
AA		

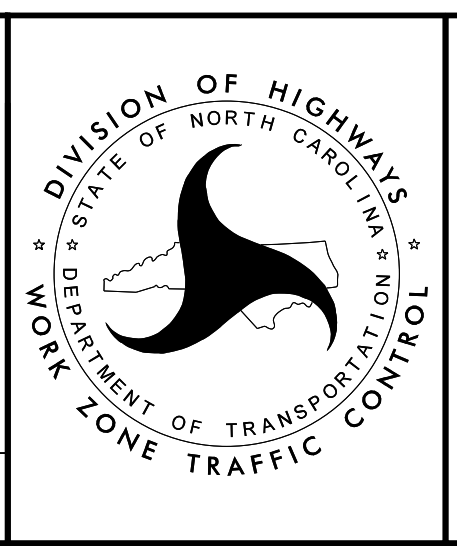
11/4/2021
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User:Jtownsend



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DATE: _____

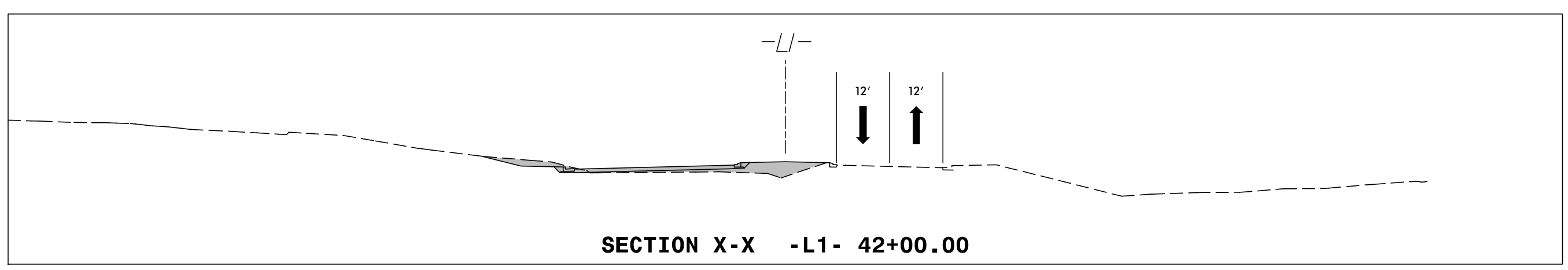
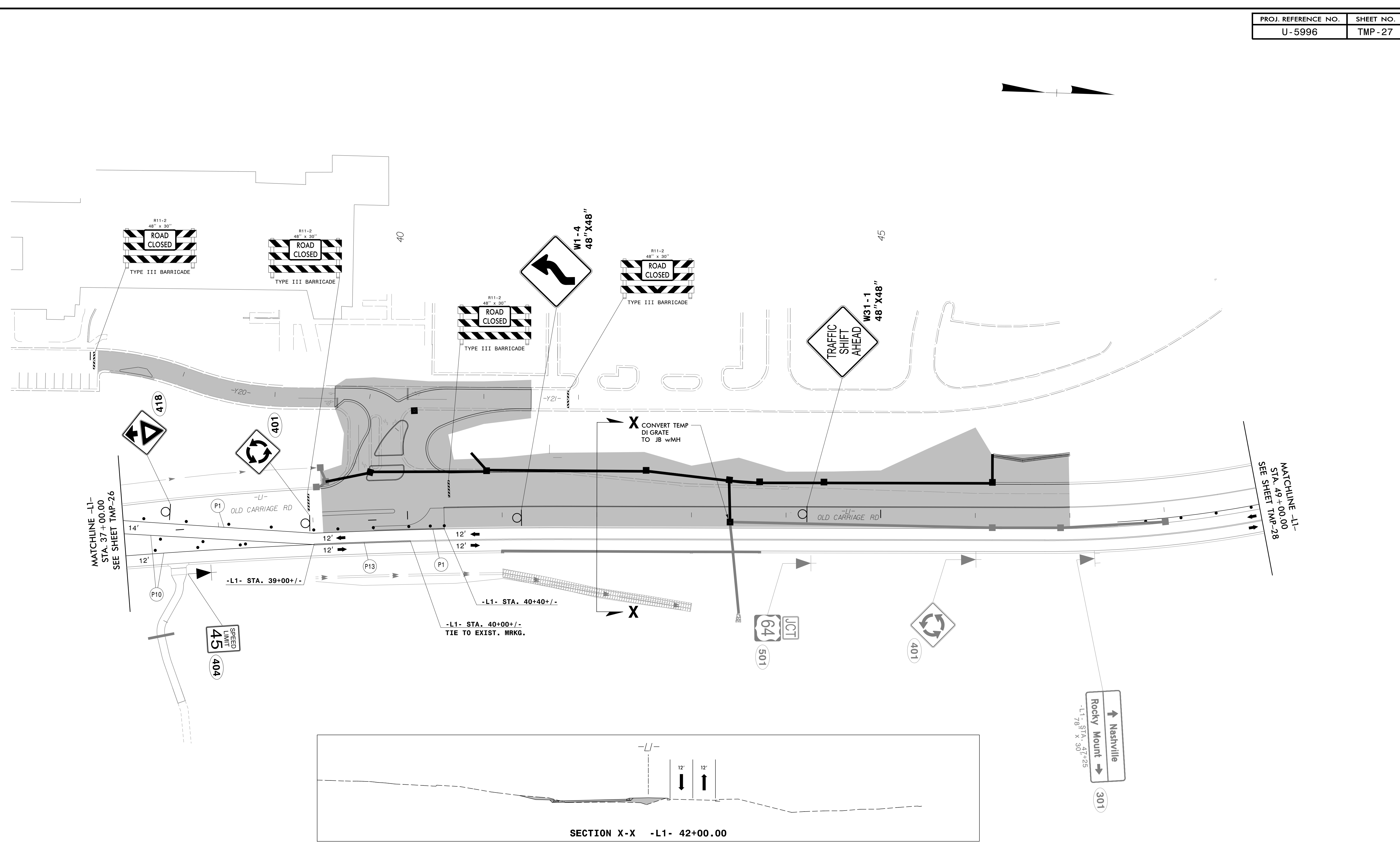
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**TEMPORARY TRAFFIC CONTROL
PHASE III DETAIL
SHEET 1 OF 3**

MATCHLINE -L1-
STA. 37+00.00
SEE SHEET TMP-27

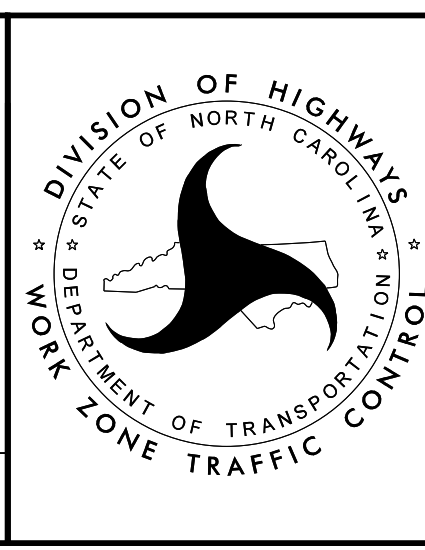


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 User:JHownsnd

APPROVED: _____
 DATE: _____

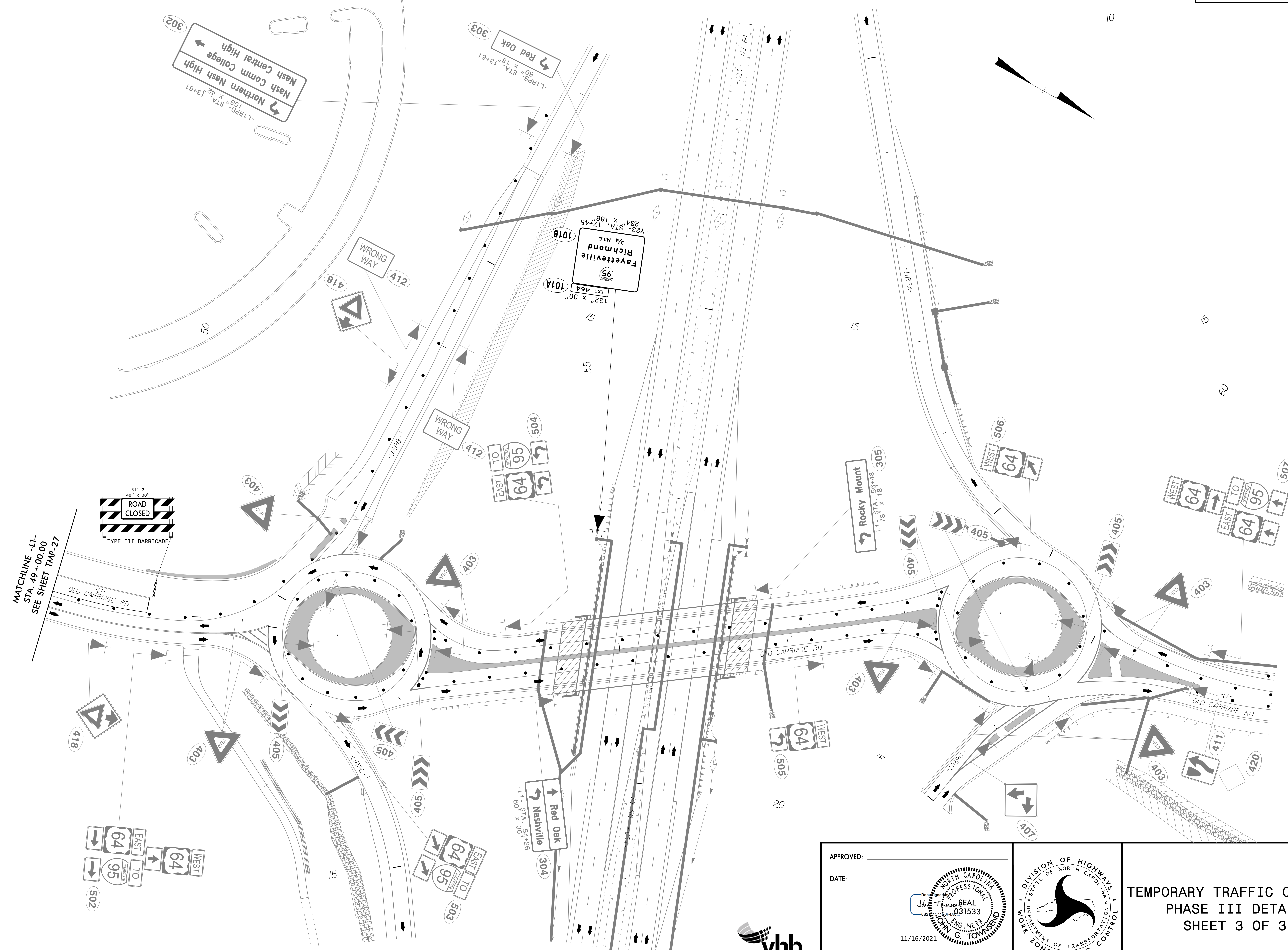
JOHN G. TOWNSEND
 ENGINEER
 11/16/2021

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**TEMPORARY TRAFFIC CONTROL
 PHASE III DETAIL
 SHEET 2 OF 3**





MATCHLINE -L-
STA. 49+00.00
SEE SHEET TMP-27

R11-2
48" x 30"
**ROAD
CLOSED**
TYPE III BARRICADE

EAST TO
WEST
64
95
502

EAST TO
WEST
64
95
503

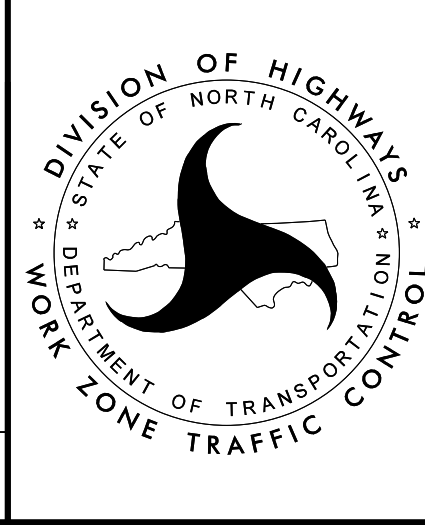
WEST
64
505

WEST TO
EAST
64
95
507

APPROVED: _____
DATE: _____

PROFESSIONAL SEAL
JAMES G. TOWNSEND
ENGINEER
NO. 031533
11/16/2021

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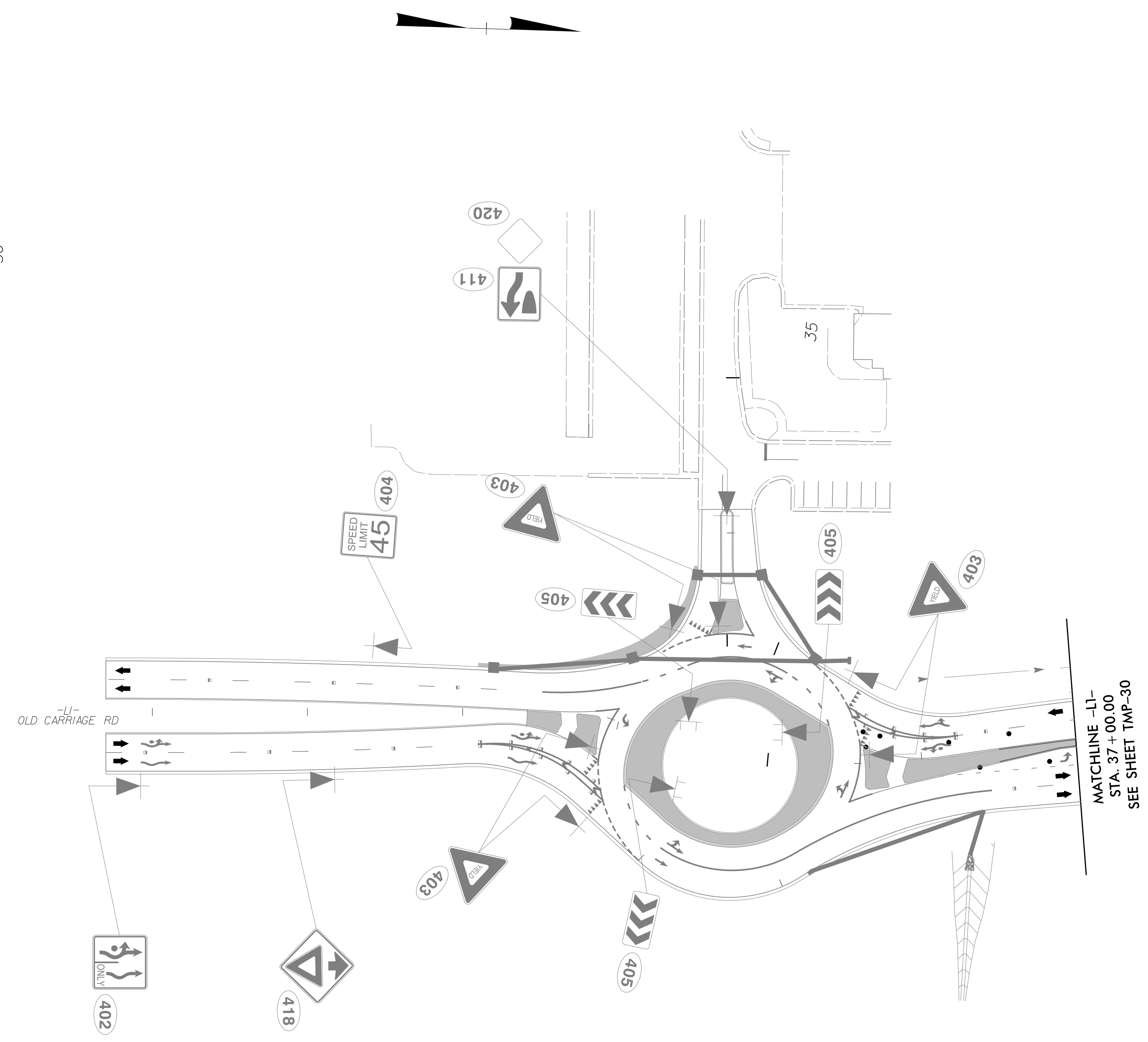
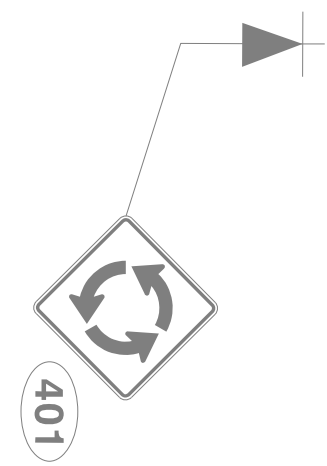
**TEMPORARY TRAFFIC CONTROL
PHASE III DETAIL
SHEET 3 OF 3**

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User:jtownsend



25

30



MATCHLINE -L1-
STA. 37+00.00
SEE SHEET TMP-30

11/4/2021
R:\TrafficControl\TCP\U5996_tmp_psh29.dgn
User:JHownsend

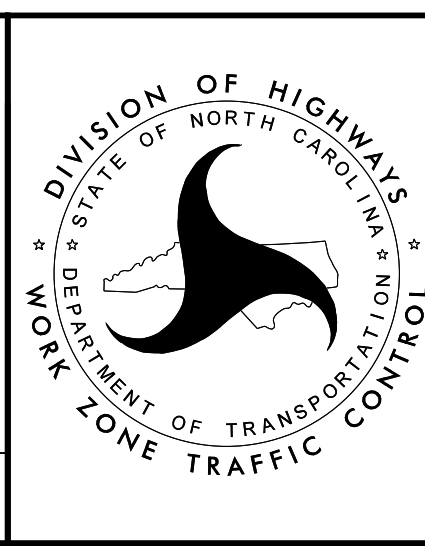


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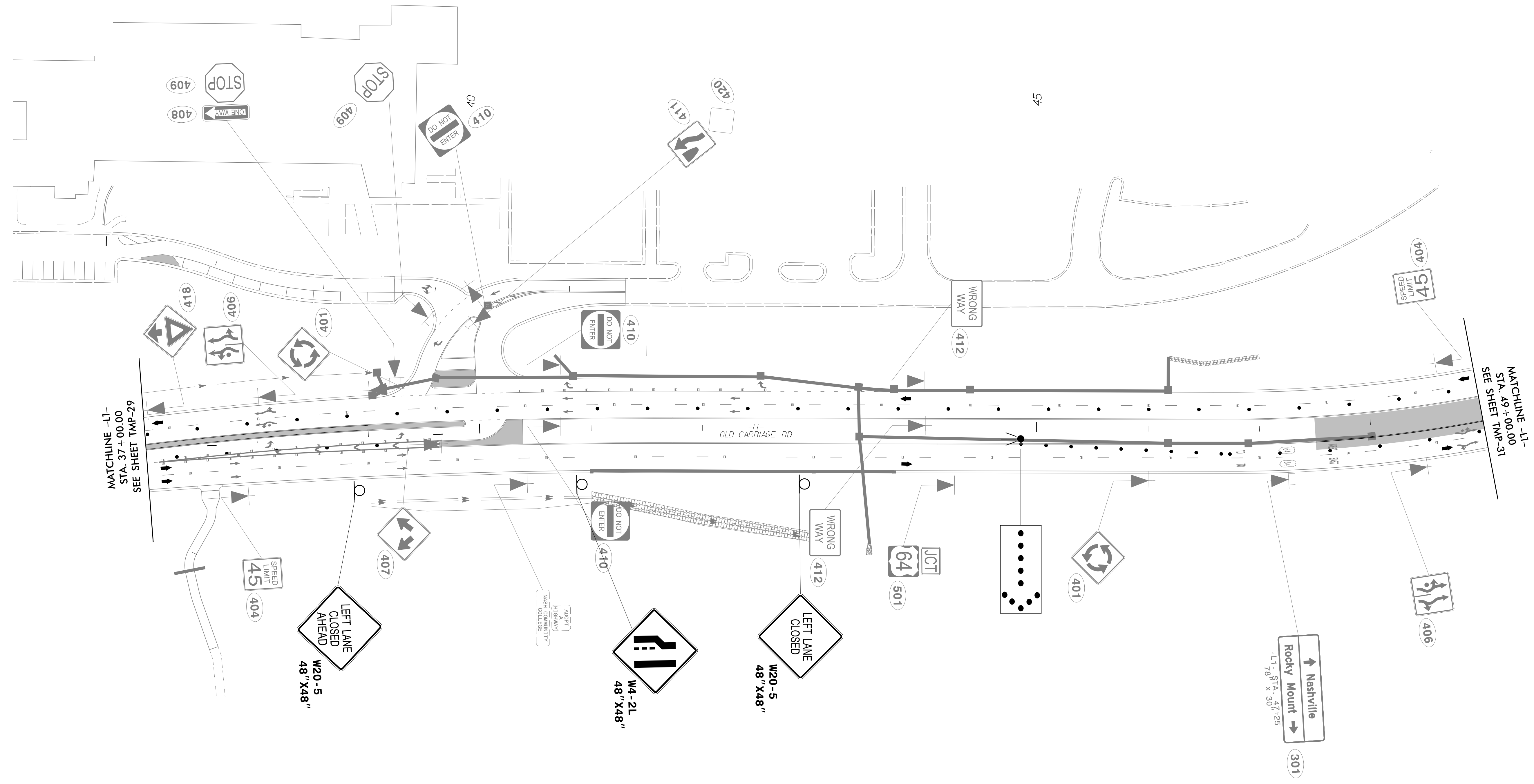
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**TEMPORARY TRAFFIC CONTROL
PHASE IV DETAIL
SHEET 1 OF 3**



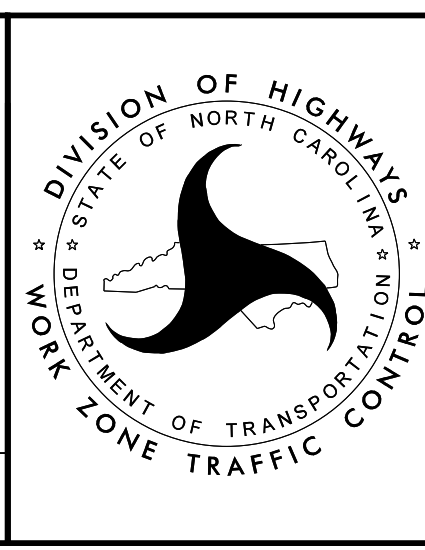
11/14/2021
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 User:JHovinsend



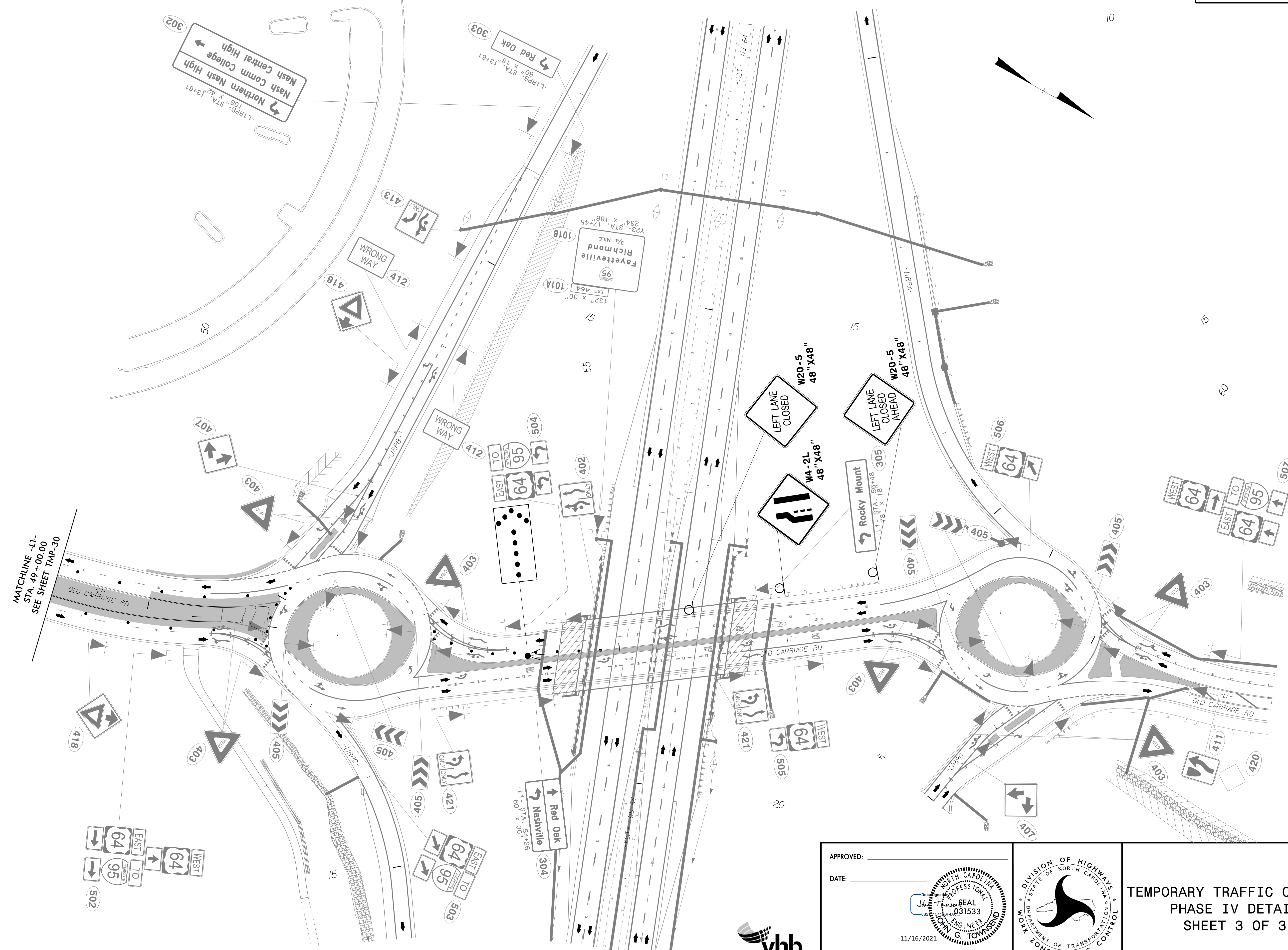
APPROVED: _____
 DATE: _____

11/16/2021

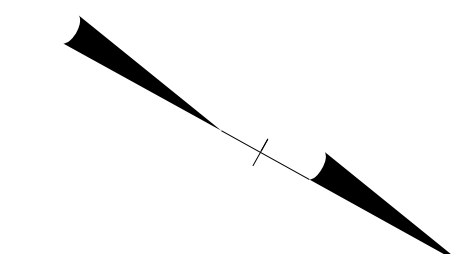
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TEMPORARY TRAFFIC CONTROL
 PHASE IV DETAIL
 SHEET 2 OF 3



MATCHLINE -1-1-
STA. 49+00.00
SEE SHEET TMP-30



11/14/2021
R:\TrafficControl\TCP\U5996_tmp_psh31.dgn
User:jtownsend

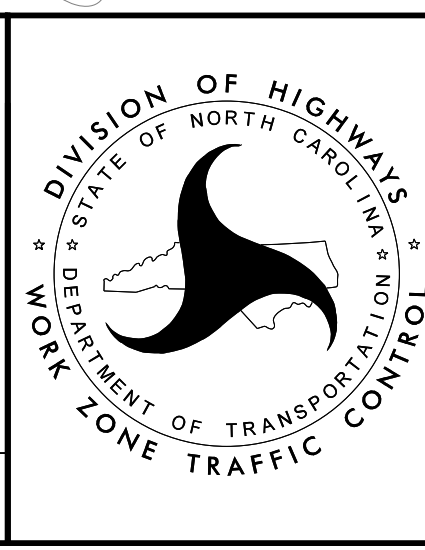


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**TEMPORARY TRAFFIC CONTROL
PHASE IV DETAIL
SHEET 3 OF 3**