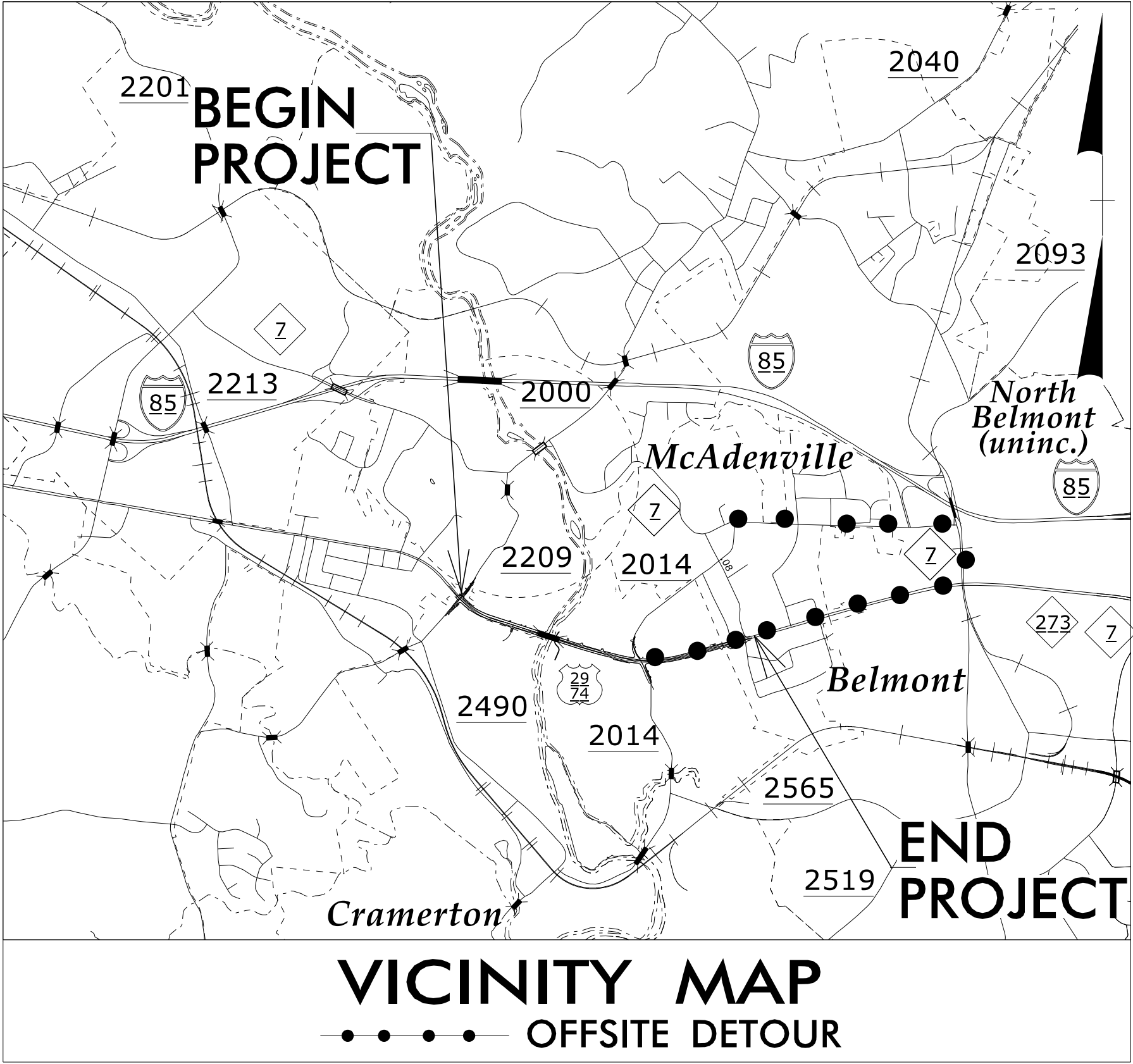
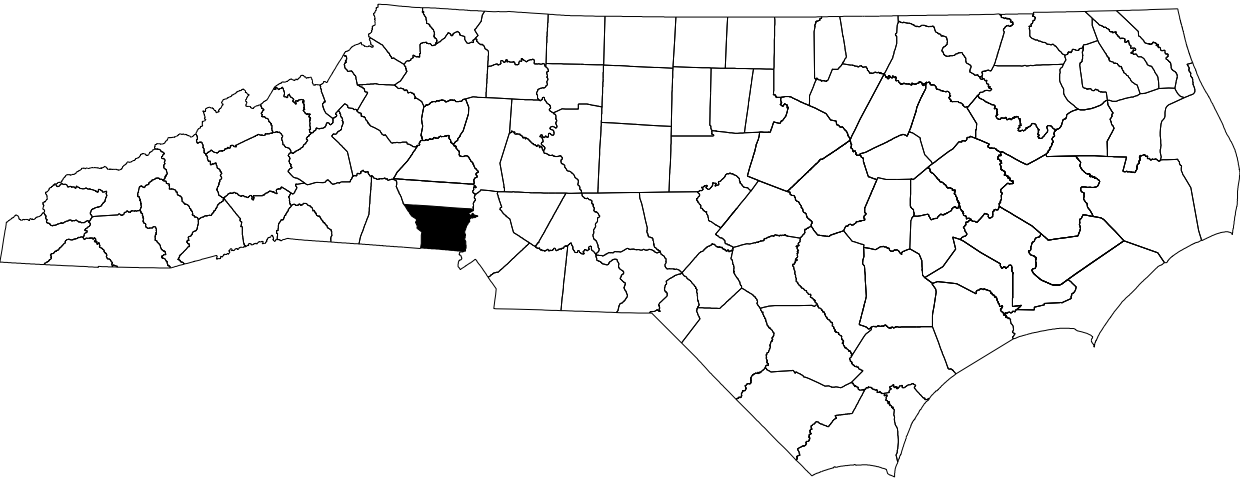


STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

GASTON COUNTY

LOCATION: US 29/US 74 (WILKINSON BLVD) FROM SR 2209 (WESLEYAN DR/MARKET ST) TO SR 2016/SR 2017 (GEORGIA BELLE AVE/HUBBARD ST) COMBINED WITH B-5857.

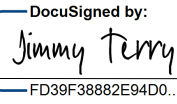


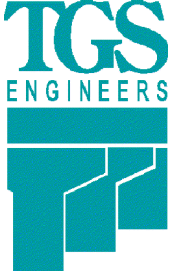
VICINITY MAP
— • • • — OFFSITE DETOUR

INDEX OF SHEETS

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, LEGEND, AND TEMPORARY PAVEMENT MARKING SCHEDULE
TMP-1B	TRANSPORTATION OPERATIONS PLAN: (GENERAL NOTES)
TMP-2	PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS
TMP-2A	TEMPORARY SHORING DATA
TMP-2B	SPECIAL SIGN
TMP-2C	RIVER WARNING SIGN
TMP-2D	RIVER WARNING SIGN LAYOUT
TMP-3	PHASING
TMP-3A THRU TMP-4	PHASE I (OVERVIEW)
TMP-5 THRU TMP-6	PHASE I (DETAILS)
TMP-7	OFFSITE DETOUR ROUTE AND BARRICADE PLACEMENT
TMP-8	PHASE I STEP 3
TMP-9 THRU TMP-10	PHASE II (TEMPORARY PAVEMENT MARKINGS)
TMP-11 THRU TMP-12	PHASE II (OVERVIEW)
TMP-13	PHASE II (DETAILS)
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TMP-16 THRU TMP-17	PHASE III(OVERVIEW)
TMP-18	PHASE III (DETAILS)
TMP-19 THRU TMP-20	PHASE IV(TEMPORARY PAVEMENT MARKING)
TMP-21 THRU TMP-22	PHASE IV (OVERVIEW)

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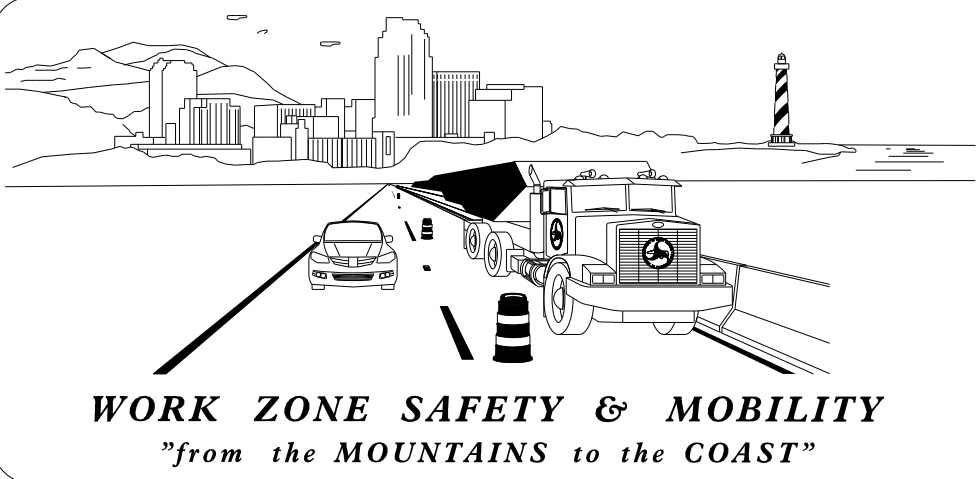
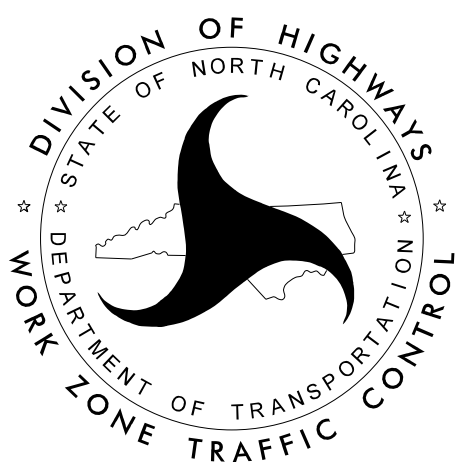
CORP. LICENSE NO.: C-0275

PLANS PREPARED BY:

JIMMY TERRY, PE PROJECT ENGINEER
SANDRA MELVIN DESIGN ENGINEER

NCDOT CONTACTS:

BRYAN SOWELL, PE
DIVISION PROJECT DEVELOPMENT TEAM LEAD



ROADWAY STANDARD DRAWINGS

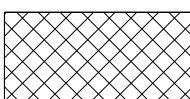
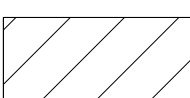
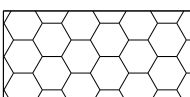
THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2024 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1115.01	FLASHING ARROW BOARDS
1130.01	DRUMS
1135.01	CONES
1145.01	BARRICADES
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
1205.04	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
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

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
-  WEDGING EXIST. PAVEMENT
-  TEMPORARY PAVEMENT

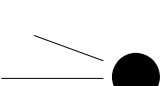
SIGNALS

-  EXISTING
-  PROPOSED
-  TEMPORARY

PAVEMENT MARKINGS

-  EXISTING LINES
-  TEMPORARY LINES

TRAFFIC CONTROL DEVICES

-  BARRICADE (TYPE III)
-  PEDESTRIAN CHANNELIZING DEVICE
-  CONE
-  DRUM
-  SKINNY DRUM
-  TUBULAR MARKER
-  TEMPORARY CRASH CUSHION
-  TEMPORARY CRASH CUSHION (NON-GATING)
-  FLASHING ARROW BOARD
-  FLAGGER
-  LAW ENFORCEMENT
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  CHANGEABLE MESSAGE SIGN

TEMPORARY SIGNING

-  PORTABLE SIGN
-  STATIONARY SIGN
-  STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

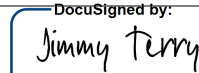
-  CRYSTAL/CRYSTAL
-  CRYSTAL/RED
-  YELLOW/YELLOW

PAVEMENT MARKING SYMBOLS

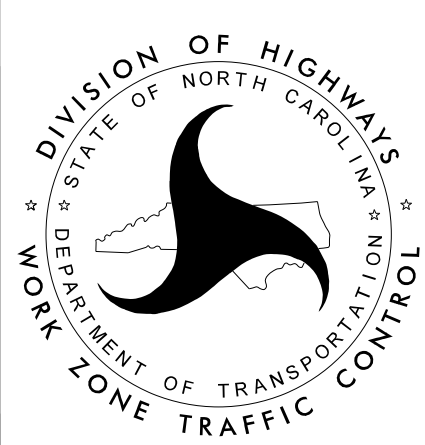
-   
- PAVEMENT MARKING SYMBOLS

TEMPORARY PAVEMENT MARKING SCHEDULE

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
PAVEMENT MARKINGS		PAVEMENT MARKINGS		PAINT MARKING SYMBOLS	
PAINT (24")		PAINT (4")		P70	LEFT TURN ARROW
P61	(24") WHITE STOPBAR	P1	(4") WHITE EDGELINE	P71	RIGHT TURN ARROW
COLD APPLIED PLASTIC (4")		P2	(4") WHITE SOLID LANE LINE	P72	STRAIGHT ARROW
C1	(4") WHITE EDGELINE (IV)	P3	(4") 10 FT. WHITE SKIP	P74	COMBO.STRAIGHT/RIGHT
C2	(4") WHITE SOLID LANE LINE (IV)	P4	(4") 3 FT. - 9 FT./SP WHITE MINISKIP	P103	24" YIELD LINE TRIANGLE
C10	(4") YELLOW EDGELINE (IV)	P5	(4") 2 FT. - 6 FT./SP WHITE MINISKIP		
C13	(4") YELLOW DOUBLE CENTER (IV)	P10	(4") YELLOW EDGELINE		
		P13	(4") YELLOW DOUBLE CENTER		
		PAINT (8")			
		P40	(8") WHITE GORELINE		
		P46	(8") WHITE CROSSWALK LINE		

APPROVED: 
DATE: 9/25/2026





ROADWAY STANDARD
DRAWINGS & LEGEND

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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 - REQUIRES INTERMEDIATE CONTRACT TIME PROJECT SPECIAL PROVISIONS

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

ROAD NAME	DAY AND TIME RESTRICTIONS
US 29/ US 74 (-L-) WESLEYAN DR (-Y-) MARKET ST (-Y-) PEACH ORCHARD RD (-Y1-) CRAMERTON VILLAGE DR (-Y2-)	MONDAY THRU FRIDAY 7:00 AM TO 9:00 AM & 4:00 PM TO 6:00 PM

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

ROAD NAME
US 29/ US 74 (-L-) WESLEYAN DR (-Y-) MARKET ST (-Y-) PEACH ORCHARD RD (-Y1-) CRAMERTON VILLAGE DR (-Y2-)

HOLIDAY

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

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 7:00 A.M. THE THURSDAY BEFORE INDEPENDENCE DAY AND 6:00 P.M. THE TUESDAY AFTER INDEPENDENCE DAY.
- FOR LABOR DAY, BETWEEN THE HOURS OF 7:00 A.M. FRIDAY AND 6:00 P.M. TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 7:00 A.M. TUESDAY TO 6:00 P.M. MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 7:00 A.M. THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 6:00 P.M. THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- FOR McADDENVILLE CHRISTMAS LIGHT CELEBRATION, OCCURRING IN DOWNTOWN BEGINNING THE DAY BEFORE THANKSGIVING AND ENDING JANUARY 2ND. DO NOT CLOSE LANES FROM 6:00 PM TO 12:01 AM EACH DAY

NOTE: LANE CLOSURE TIME RESTRICTIONS DO NOT APPLY TO PEACH ORCHARD (-Y1-) DURING 120 DAY CLOSURE (SEE PHASE I, STEPS 3-6)

LANE AND SHOULDER CLOSURE REQUIREMENTS

- C) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED OR AS DIRECTED BY THE ENGINEER.
- D) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.
- E) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 5 FT OF AN OPEN TRAVEL LANE ON AN UNDIVIDED FACILITY, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

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

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

- G) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.
- H) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY ONE DIRECTION ON US 29/ US 74.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- I) 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.

- J) 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) 100 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

- L) 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.

- M) 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.

- N) 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.

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

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

TRAFFIC BARRIER

- Q) 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.

- R) 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

- S) USE NON-GATING CRASH CUSHIONS AS REQUIRED IN THE TMP.

TRAFFIC CONTROL DEVICES

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

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

ROAD NAME	MARKING	MARKER
US 29/ US 74 (-L-)	PAINT	RAISED (TEMP)
WESLEYAN DR (-Y-)	PAINT	NONE
MARKET ST (-Y-)	PAINT	NONE
PEACH ORCHARD RD (-Y1-)	PAINT	NONE
CRAMERTON VILLAGE DR (-Y2-)	PAINT	NONE

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

MISCELLANEOUS

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

LOCAL NOTES

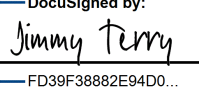
UNLESS OTHERWISE NOTED MAINTAIN ACCESS TO ALL DRIVEWAYS AND SIDE STREETS AT ALL TIMES. UNLESS OTHERWISE NOTED TWO WAY THROUGH TRAFFIC SHALL BE MAINTAINED ON TWO 11 FT (MIN) LANES AT ALL TIMES WHILE FLAGGERS ARE NOT AT WORK.

MANAGEMENT STRATEGIES

THE PROPOSE US 29/74 (-L-) WILL BE CONSTRUCTED USING LANE SHIFTS, TEMPORARY PAVEMENT, TEMPORARY LANE CLOSURES AND FLAGGERS AS NEEDED.

DURING CONSTRUCTION OF A SECTION OF THE PROPOSE PEACH ORCHARD RD (-Y1-) THE ROAD WILL BE CLOSED TO THROUGH TRAFFIC. PEACH ORCHARD RD (-Y1-)TRAFFIC WILL BE MAINTAINED ON THE FOLLOWING DETOUR: NC 7 (McADENVILLE RD) TO MAIN ST TO US 29 (WILKINSON BLVD). THE REMAINING CONSTRUCTION WILL BE PERFORMED USING TEMPORARY LANE CLOSURES AND FLAGGERS.

THE PROPOSED WESLYAN DR/ MARKET ST (-Y-), AND CRAMERTON VILLAGE DR (-Y2-) WILL BE CONSTRUCTED USING TEMPORARY LANE CLOSURES AND FLAGGERS AS NEEDED.

APPROVED: 
DATE: 9/2/2026



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TRANSPORTATION
OPERATIONS
PLAN

PROJ. REFERENCE NO.	SHEET NO.
U-6146/B-5857	TMP-1B
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

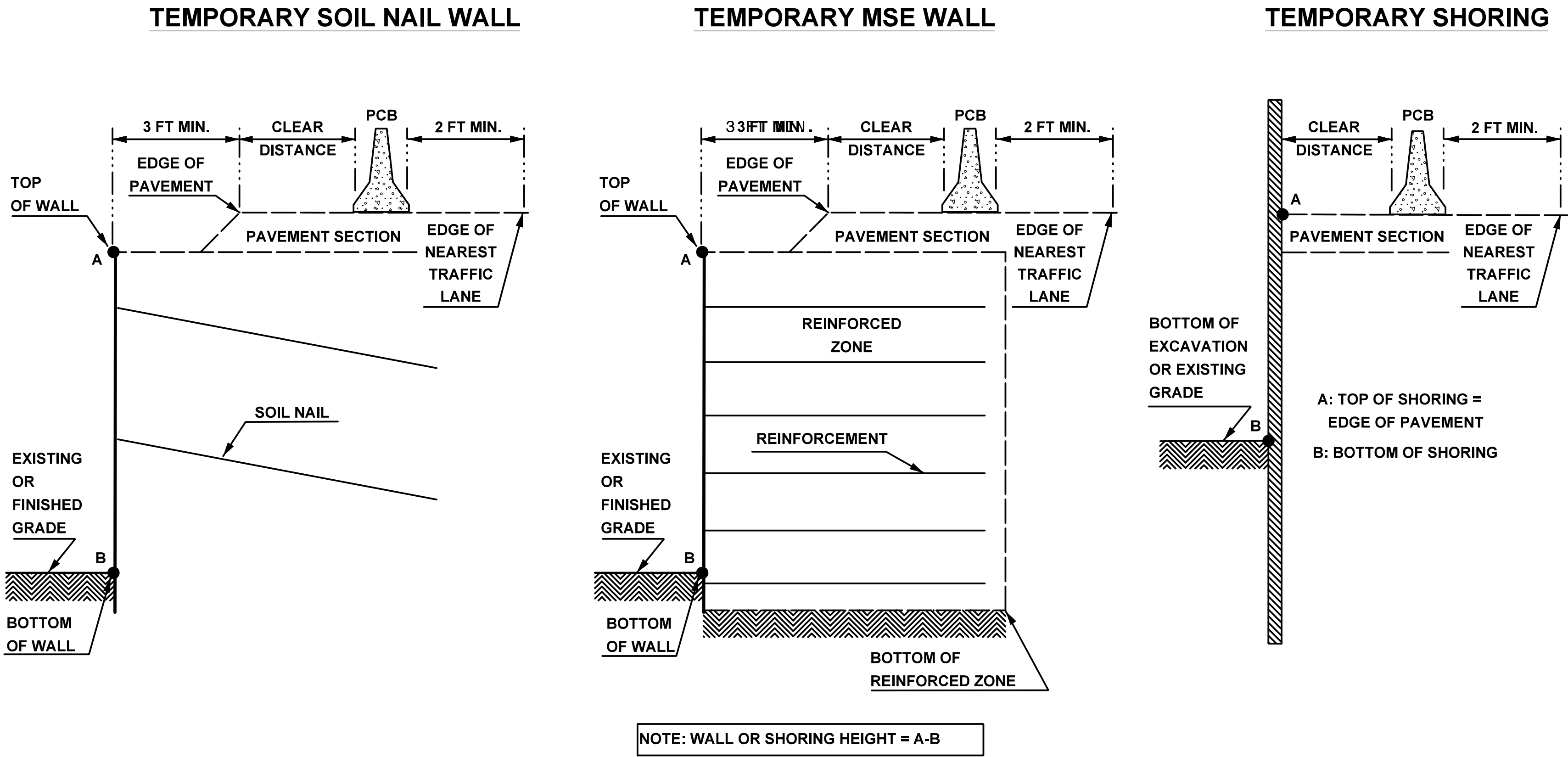


FIGURE A

NOTES

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

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

* See Figure Below

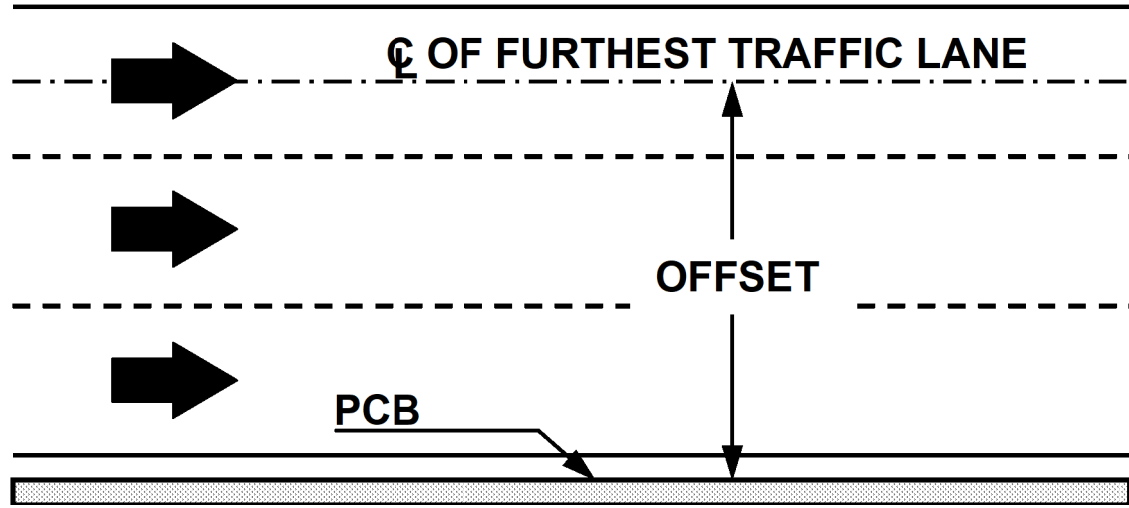
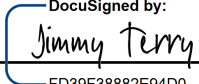
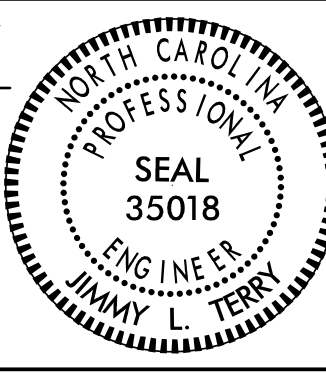


FIGURE B

APPROVED: 
DATE: 9/2/2026

SEAL



PORTABLE CONCRETE BARRIER
AT
TEMPORARY SHORING LOCATIONS

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

TEMPORARY SHORING DATA

PROJ. REFERENCE NO.	SHEET NO.
U-6146/B-5857	TMP-2A

Shoring Location #1:

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

TEMPORARY SHORING IS REQUIRED FOR THE STRUCTURE CONSTRUCTION FROM -L- STATION 30+00 +/- , 18.4' LT TO -L- STATION 30+75, 18' LT.

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

DESIGN TEMPORARY SHORING FROM -L- STATION 30+00 +/-, 18.4' LT TO -L- STATION 30+75, 18' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ) = 120 LB/CF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 572 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- STATION 30+00 +/-, 18.4' LT TO -L- STATION 30+75, 18' LT MAY NOT PENETRATE BELOW ELEVATION 532 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STATION 30+00 +/-, 18.4' LT TO -L- STATION 30+75, 18' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STATION 30+00 +/-, 18.4' LT TO -L- STATION 30+75, 18' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM -L- STATION 30+00 +/-, 18.4' LT TO -L- STATION 30+75, 18' LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

Shoring Location #2:

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

TEMPORARY SHORING IS REQUIRED FOR THE STRUCTURE CONSTRUCTION FROM -L- STATION 35+00 +/- , 28.4' LT TO -L- STATION 36+00, 28.4' LT.

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

DESIGN TEMPORARY SHORING FROM -L- STATION 35+00 +/-, 28.4' LT TO -L- STATION 36+00, 28.4' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ) = 120 LB/CF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 570 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- STATION 35+00 +/-, 28.4' LT TO -L- STATION 36+00, 28.4' LT MAY NOT PENETRATE BELOW ELEVATION 539 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STATION 35+00 +/-, 28.4' LT TO -L- STATION 36+00, 28.4' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STATION 35+00 +/-, 28.4' LT TO -L- STATION 36+00, 28.4' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM -L- STATION 35+00 +/-, 28.4' LT TO -L- STATION 36+00, 28.4' LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

Shoring Location #3:

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

TEMPORARY SHORING IS REQUIRED FOR THE STRUCTURE CONSTRUCTION FROM -L- STATION 30+43 +/- , 6.5' LT TO -L- STATION 30+68, 6.5' LT.

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

DESIGN TEMPORARY SHORING FROM -L- STATION 30+43 +/-, 6.5' LT TO -L- STATION 30+68, 6.5' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ) = 120 LB/CF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 572 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- STATION 30+43 +/-, 6.5' LT TO -L- STATION 30+68, 6.5' LT MAY NOT PENETRATE BELOW ELEVATION 532 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STATION 30+43 +/-, 6.5' LT TO -L- STATION 30+68, 6.5' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STATION 30+43 +/-, 6.5' LT TO -L- STATION 30+68, 6.5' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM -L- STATION 30+43 +/-, 6.5' LT TO -L- STATION 30+68, 6.5' LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

Shoring Location #4:

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

TEMPORARY SHORING IS REQUIRED FOR THE STRUCTURE CONSTRUCTION FROM -L- STATION 35+18 +/- , 4.5' LT TO -L- STATION 35+43, 4.5' LT.

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

DESIGN TEMPORARY SHORING FROM -L- STATION 35+18 +/-, 4.5' LT TO -L- STATION 35+43, 4.5' LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

- UNIT WEIGHT (γ) = 120 LB/CF
- FRICTION ANGLE (ϕ) = 30 DEGREES
- COHESION (c) = 0 LB/SF
- GROUNDWATER ELEVATION = 570 FT

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- STATION 35+18 +/-, 4.5' LT TO -L- STATION 35+43, 4.5' LT MAY NOT PENETRATE BELOW ELEVATION 539 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STATION 35+18 +/-, 4.5' LT TO -L- STATION 35+43, 4.5' LT.

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STATION 35+18 +/-, 4.5' LT TO -L- STATION 35+43, 4.5' LT. SEE STANDARD DETAIL NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM -L- STATION 35+18 +/-, 4.5' LT TO -L- STATION 35+43, 4.5' LT. FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

APPROVED:

DESIGNED BY: Matthew Brewer

DATE: 9/2/2026

386129C0A4C1462...

SEAL

041986

ENGINEER

MATTHEW BREWER

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

DIVISION OF HIGHWAYS

STATE OF NORTH CAROLINA

DEPARTMENT OF TRANSPORTATION

WORK ZONE TRAFFIC CONTROL

TEMPORARY SHORING DATA

7/28/2026 11:58:57 Cramer+ton\TrafficControl\TCP\U-6146_TC_TMP_02A\Temp Shoring Data.dgn User:ismalvin

SIGN NUMBER: DET-1

TYPE: STATIONARY

QUANTITY: SEE PLANS

SIGN WIDTH: 3'-6"

HEIGHT: 2'-0"

TOTAL AREA: 7.0 Sq.Ft.

BORDER TYPE: INSET

RECESS: 0.38"

WIDTH: 0.63"

RADII: 1.5"

NO. Z BARS:

LENGTH:

BACKG COLOR: Fluorescent Orange

COPY COLOR: Black

SYMBOL	X	Y	WID	HT

MAT'L: 0.080" (2.0 mm) ALUMINUM

DESIGN BY: SGM

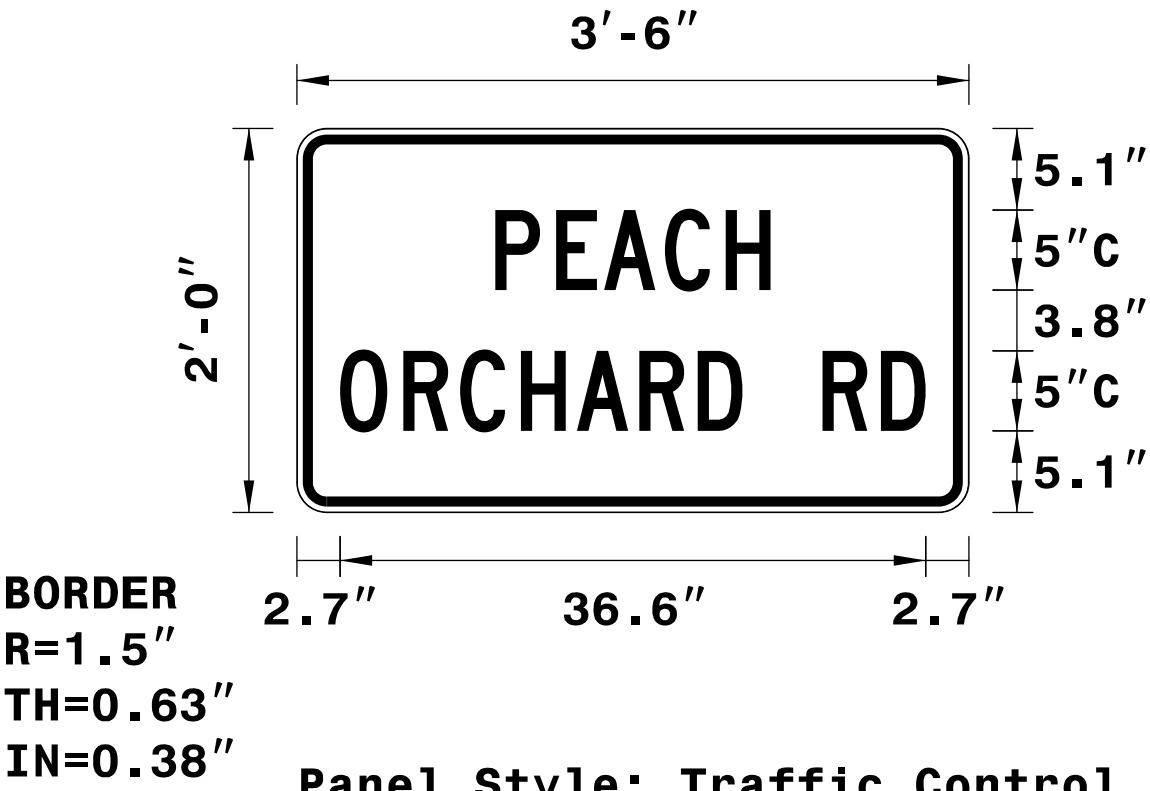
CHECKED BY: JLT

Oct 10, 2019

PROJECT ID: U-6146

LOCATION: GASTON CO

DIV: 12



Panel Style: Traffic Control.ssi
M.U.T.C.D.: 2009 Edition

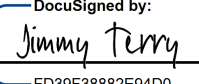
Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

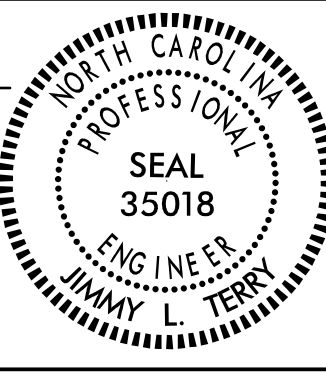
Letter locations are panel edge to lower left corner																								Series/Size
																								Text Length
P	E	A	C	H																				C 2000
12.4	16.2	19.2	23	26.8																				17.2
O	R	C	H	A	R	D			R	D														C 2000
2.7	6.7	10.2	14	17.5	21.4	25.1	27.9	32.9	36.5															36.6

FILENAME: U-6146_TC_TMP_OX(Special Sign)

NORTH CAROLINA D.O.T. SIGN DETAIL

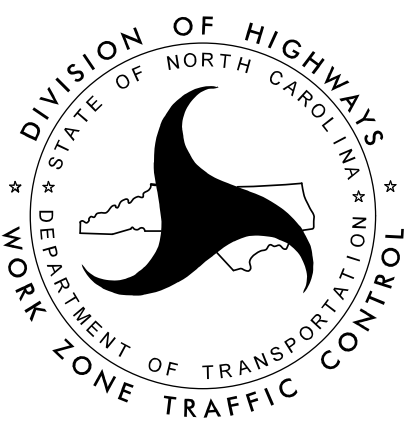
APPROVED: 

DATE: 9/2/2026



DOCUMENT NOT CONSIDERED FINAL

UNLESS ALL SIGNATURES COMPLETED



SPECIAL SIGN

RIVER WARNING SIGN

APPROVED: _____	DocuSigned by: <u>Jimmy Terry</u> FD30F38882E94D0...
DATE: 9/25/2026	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

PROJ. REFERENCE NO.	SHEET NO.
U-6146/B-5857	TMP-2D
TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH: (704) 476-0003 CORP. LICENSE NO.: C-0275	

RIVER WARNING SIGN

LOCATION

FACILITY

ADDRESS

LAT/LONG

NOTICE

NCDOT is Replacing the Bridge
At US 29 / US 74 (Wilkinson Blvd).
A Safe Passage Lane is Being Maintained
Through the Construction Zone
Scheduled Completion is Season 202X.
Information and Incident Reporting:
"Contractor" - (XXX)XXX-XXXX
NCDOT - (XXX)XXX-XXXX
Duke Energy - (XXX)XXX-XXXX
NCWRC - (XXX)XXX-XXXX
USFWS - (XXX)XXX-XXXX

- A
- B
- C
- D
- E
- F

SPENCER MOUNTAIN BOAT LAUNCH

SOUTH FORK BLUEWAY BOAT LAUNCH

ADAM SPRINGS PORTAGE TRAIL

SOUTH FORK VILLAGE BOAT LAUNCH

GOAT ISLAND & GOAT ISLAND PARK

RIVERSIDE PARK AND GREENWAY

261 STANLEY SPENCER MTN. RD, SPENCER MOUNTAIN, NC 28056

199 WILLOW RD., MCADENVILLE, NC 28056

PORTAGE AROUND THE MCADENVILLE DAM

2000 RIVERS EDGE DR., BELMONT, NC 28012

137 & 141 8TH AVE., CRAMERTON, NC 28032

75 RIVERSIDE DR., CRAMERTON, NC 28032

35.30884° N, 81.10577° W

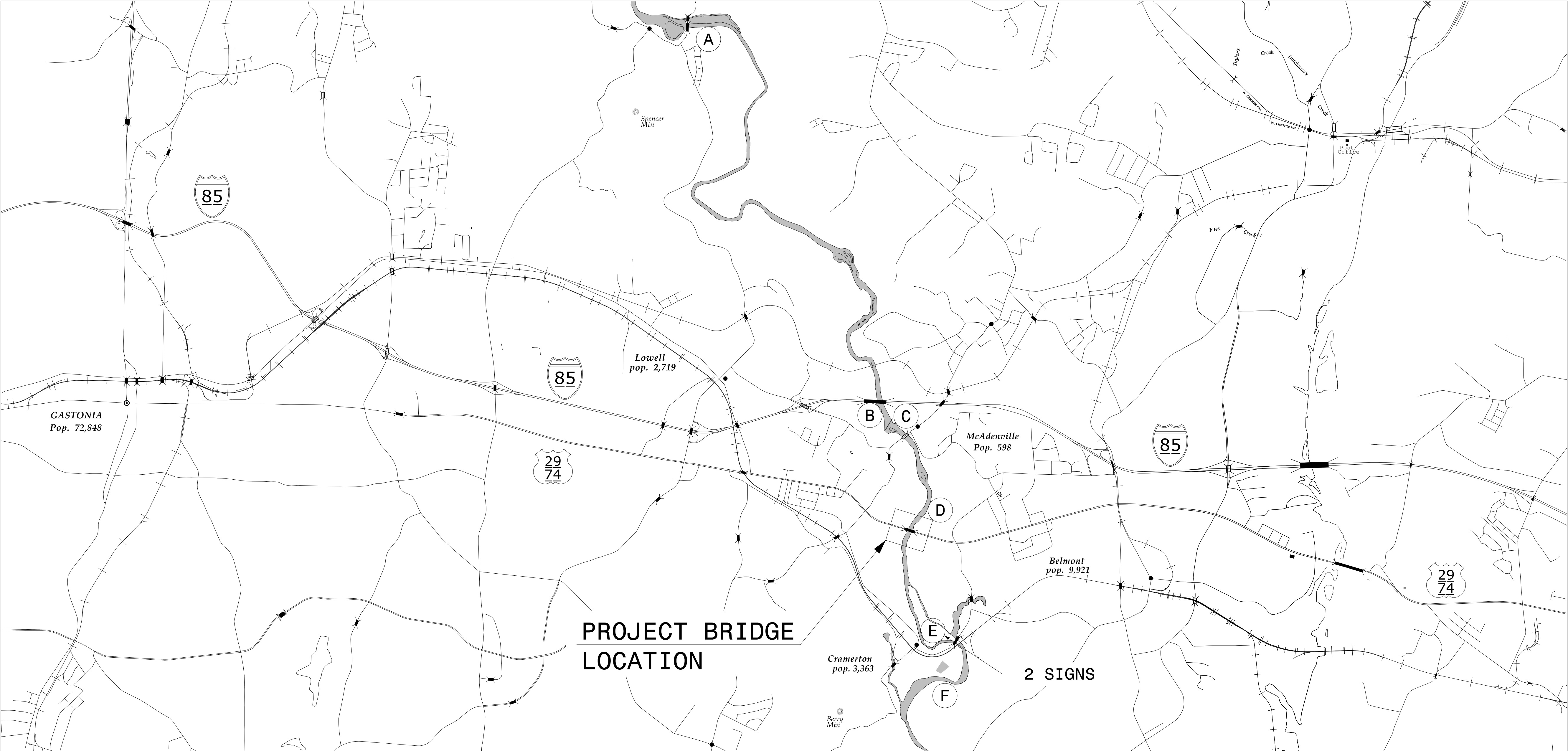
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35.26165° N, 81.07529° W

35.25256° N, 81.06990° W

35.23726° N, 81.07096° W
35.23684° N, 81.07144° W

35.23136° N, 81.07037° W



NOTES:

ERECT TWO RIVER WARNING SIGNS AT EACH LOCATION LISTED ABOVE; EACH SIGN ON 3 LB U-CHANNEL.

COORDINATE WITH THE ENGINEER AS TO WHERE ON SITE TO ERECT THE SIGNS TO BE MOST VISIBLE PRIOR TO ENTERING THE RIVER.

SIGNS SHALL BE MAINTAINED FOR THE DURATION OF THE CONSTRUCTION OF BRIDGE NO. 82 OVER THE SOUTH FORK CATAWBA RIVER.

REMOVE AND DISPOSE OF SIGN SYSTEMS UPON COMPLETION OF WORK.

SEE SPECIAL PROVISIONS FOR ADDITIONAL DETAILS.

APPROVED:

Designed by:
Jimmy Terry
FD38F38882E94D0...

DATE: 9/25/2026

NORTH CAROLINA

PROFESSIONAL

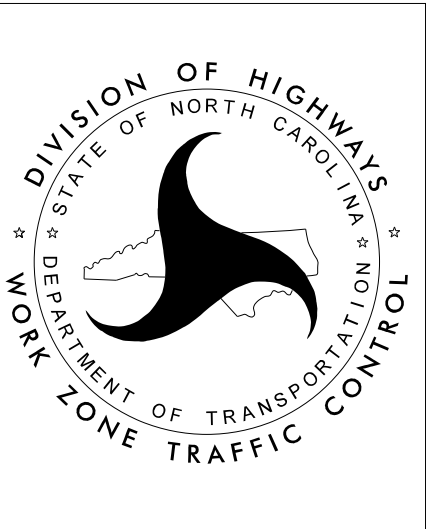
SEAL

35018

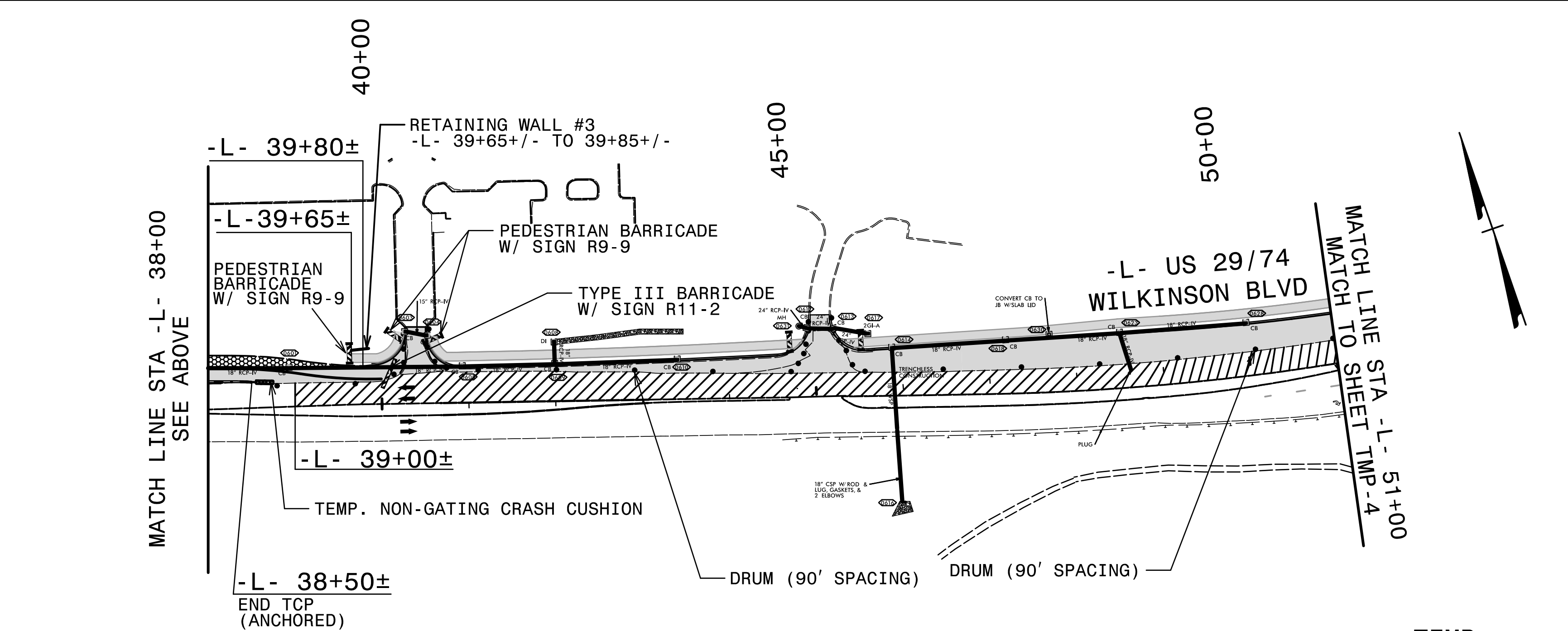
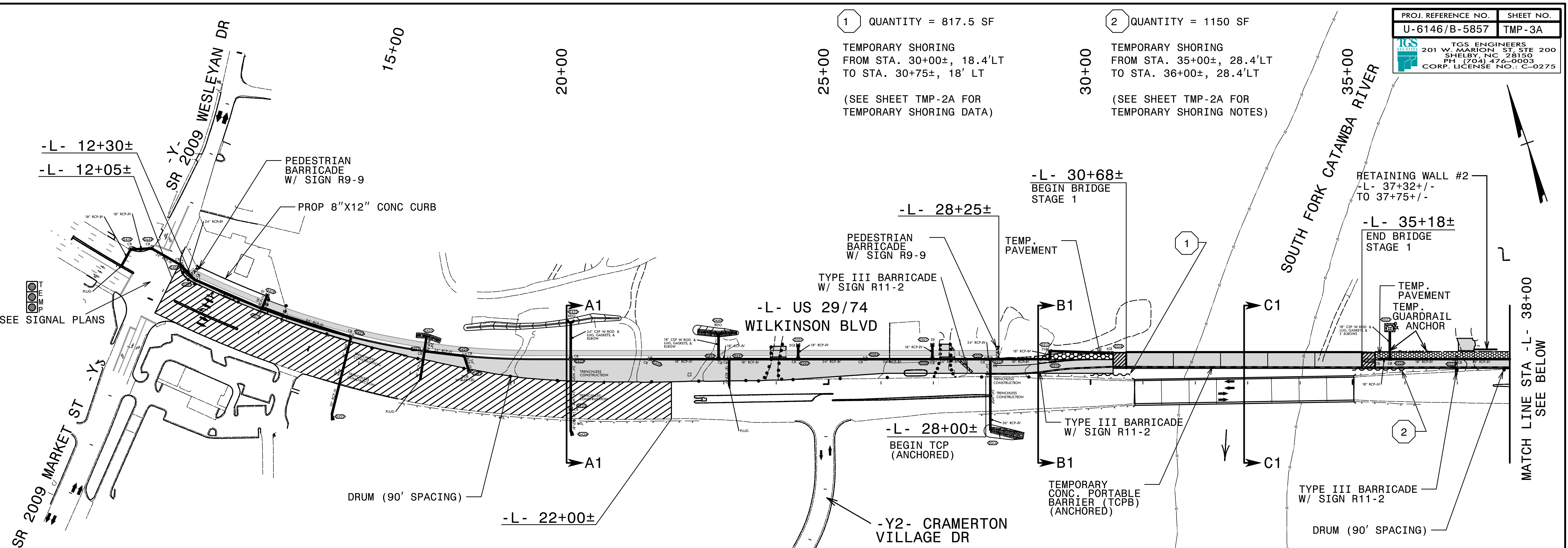
ENGINEER

JIMMY L. TERRY

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



RIVER WARNING
SIGNS



PROPOSED CONSTRUCTION

WEDGING EXISTING PAVEMENT

TEMPORARY PAVEMENT

DRUM

TEMP. PORTABLE CONCRETE BARRIER (TPCB)

TYPE III BARRICADE

PEDESTRIAN BARRICADE

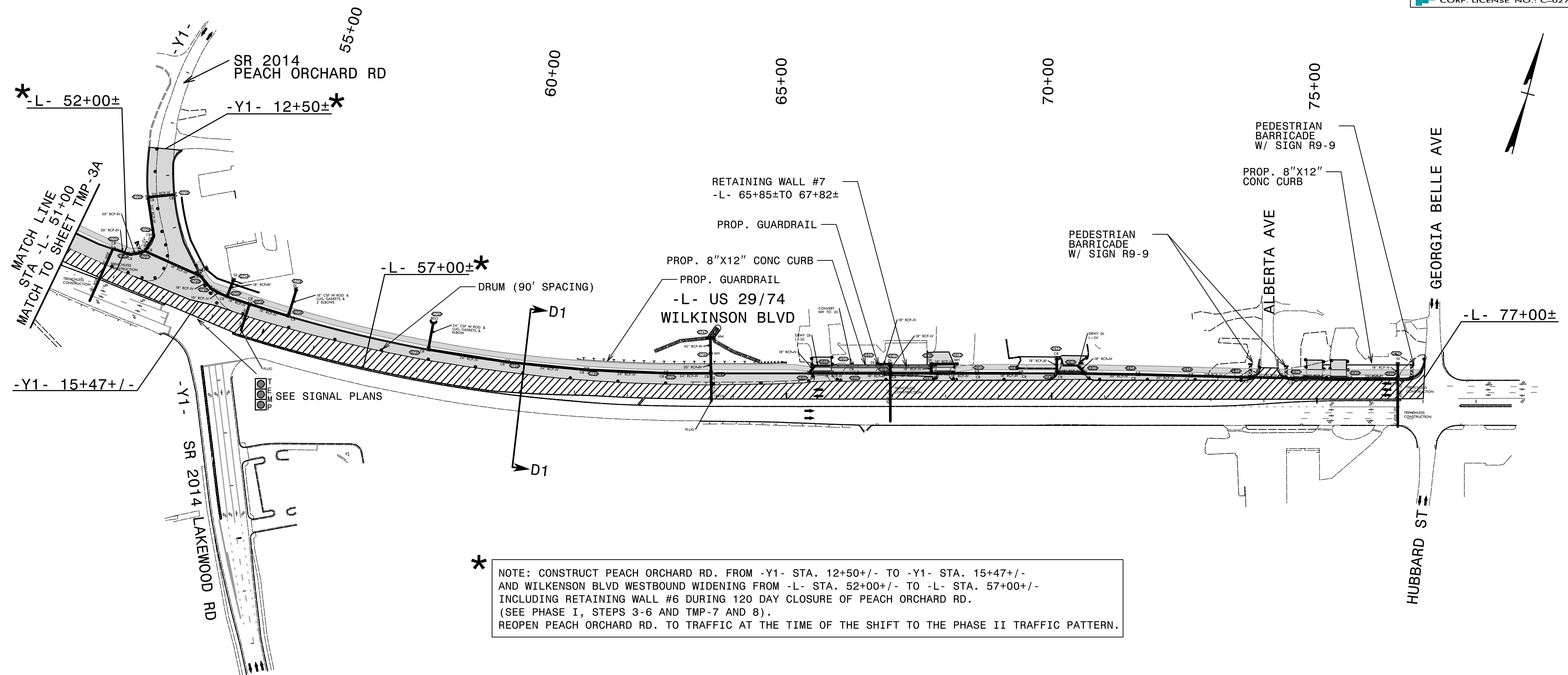
SEE SHEET TMP-5 FOR SECTIONS A1-A1, B1-B1, AND C1-C1

APPROVED:

DATE: 9/16/2026

**PHASE I
OVERVIEW**

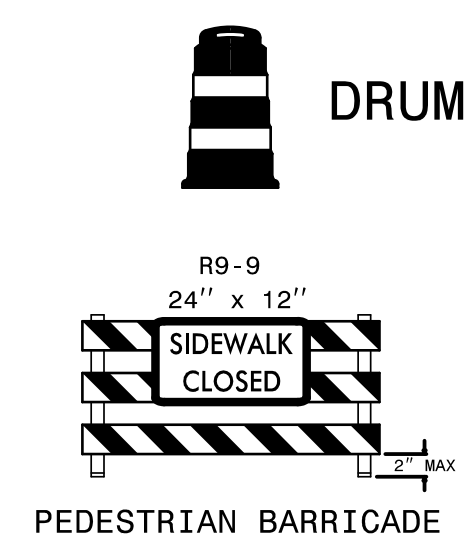
9/16/2026
3/4/2026
User: jcp10511
C:\Users\jcp10511\Documents\TrafficControl\U-646_TC_TMP-03A(PHIOV).dgn



* NOTE: CONSTRUCT PEACH ORCHARD RD. FROM -Y1- STA. 12+50+/- TO -Y1- STA. 15+47+/- AND WILKENSON BLVD WESTBOUND WIDENING FROM -L- STA. 52+00+/- TO -L- STA. 57+00+/- INCLUDING RETAINING WALL #6 DURING 120 DAY CLOSURE OF PEACH ORCHARD RD.
(SEE PHASE I, STEPS 3-6 AND TMP-7 AND 8).
REOPEN PEACH ORCHARD RD. TO TRAFFIC AT THE TIME OF THE SHIFT TO THE PHASE II TRAFFIC PATTERN.

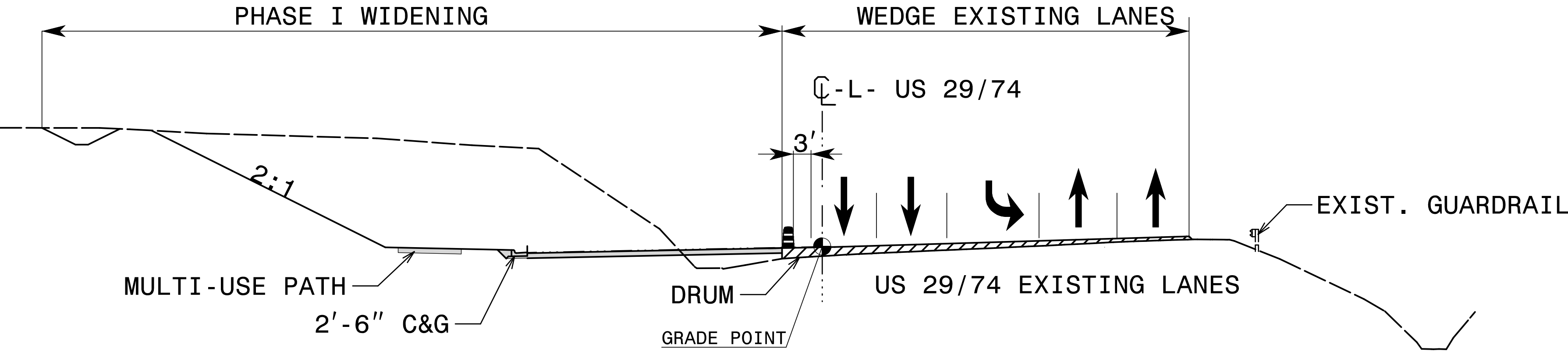
 PROPOSED CONSTRUCTION

 WEDGING EXISTING PAVEMENT

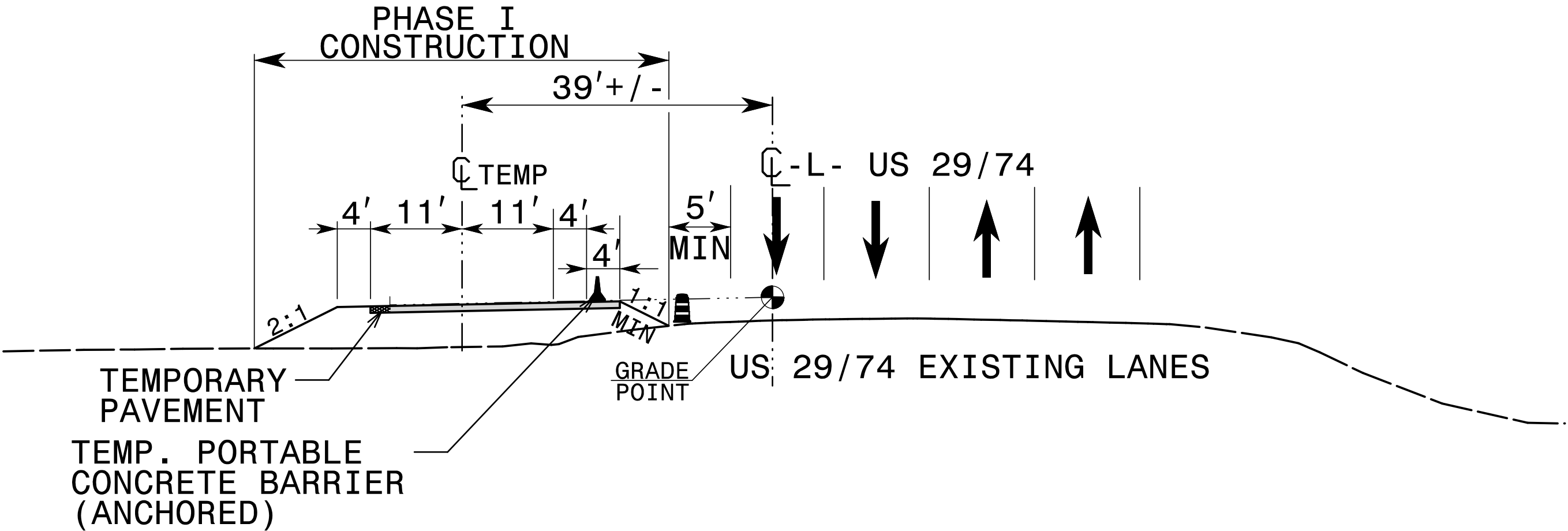


SEE SHEET TMP-6 FOR SECTION D1-D1

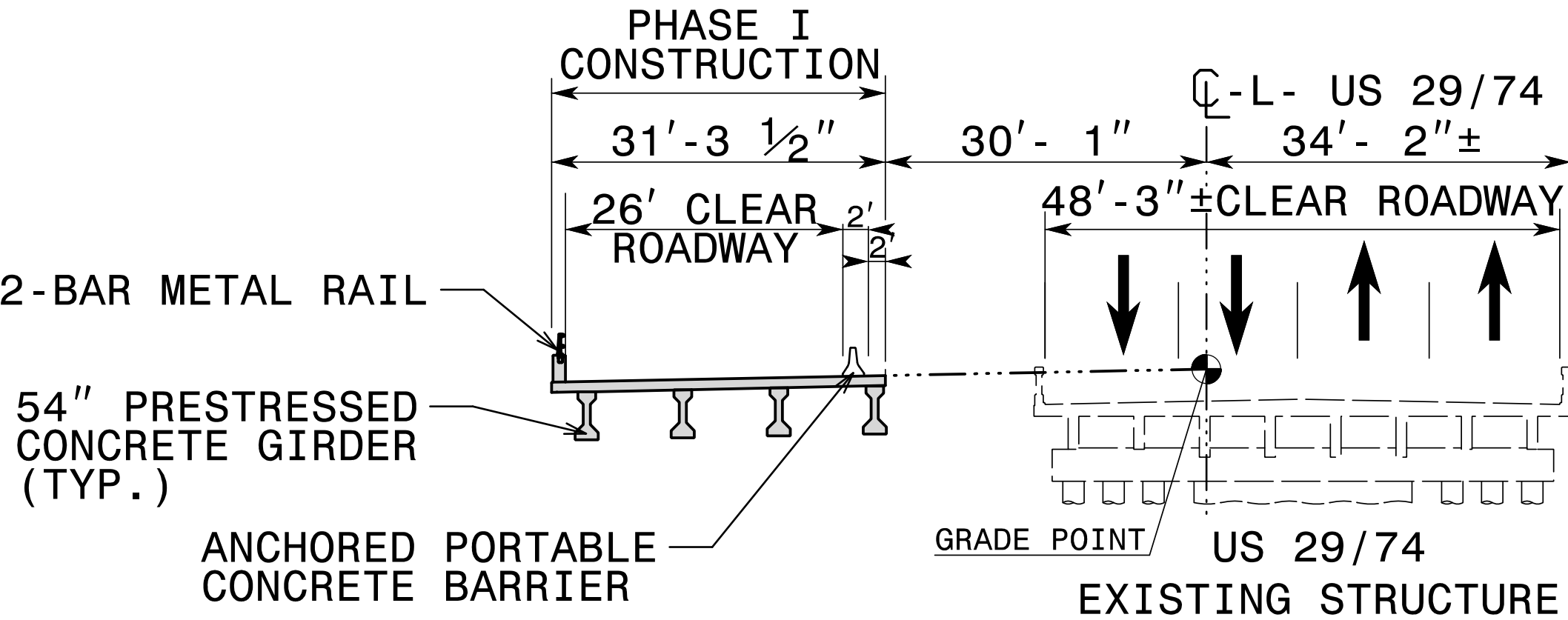
APPROVED: <u>Jimmy Terry</u> FD39F38882E4D0...		PHASE I OVERVIEW
DATE: <u>9/16/2026</u>		
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



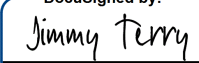
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-L- STA 20+00

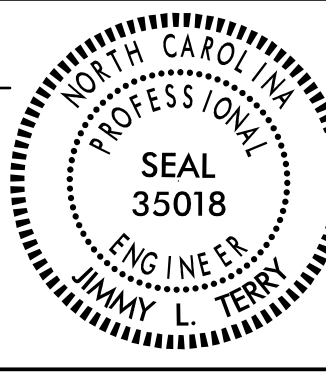


SECTION B1 - B1 (TMP-3)
-L- STA 29+00

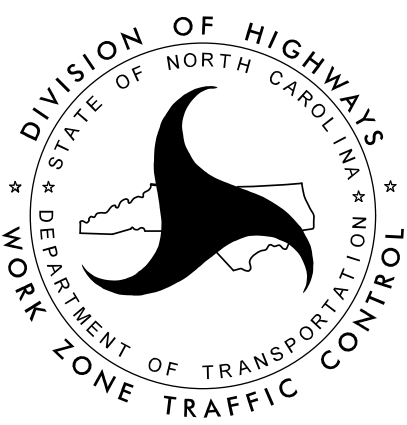


SECTION C1 - C1 (TMP-3)
-L- STA 32+93

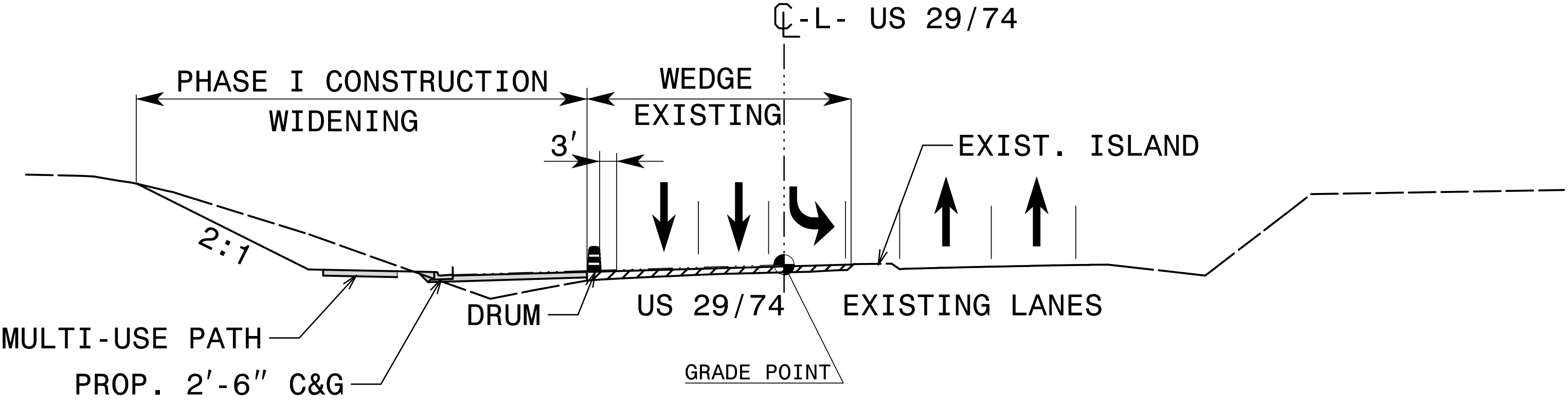
APPROVED: 
DATE: 9/2/2026



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

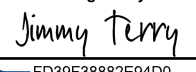


**PHASE I
DETAILS**



SECTION D1 - D1 (TMP-4)
-L- STA 60+00

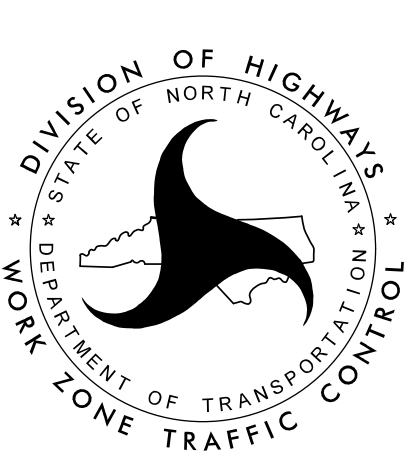
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User:jmalvin

APPROVED: 
FD39F38882E94D0...

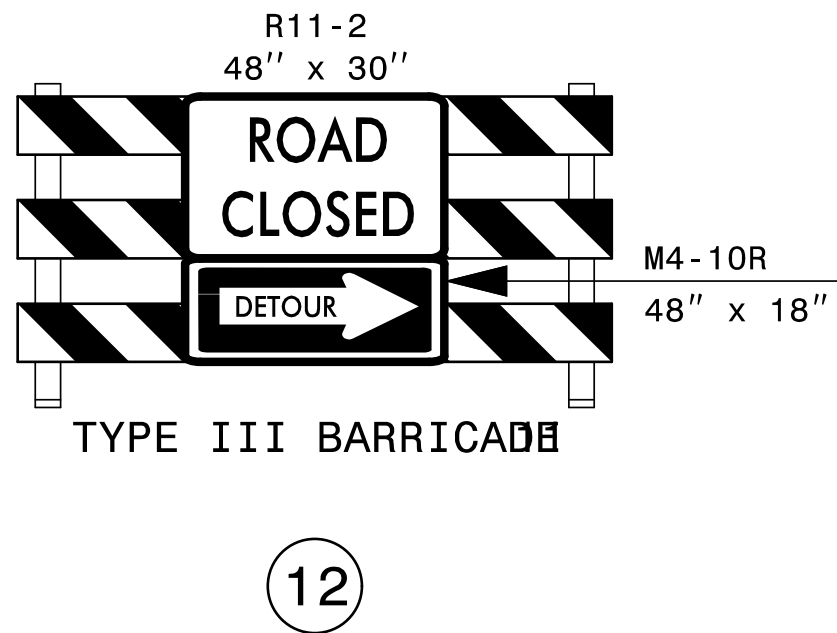
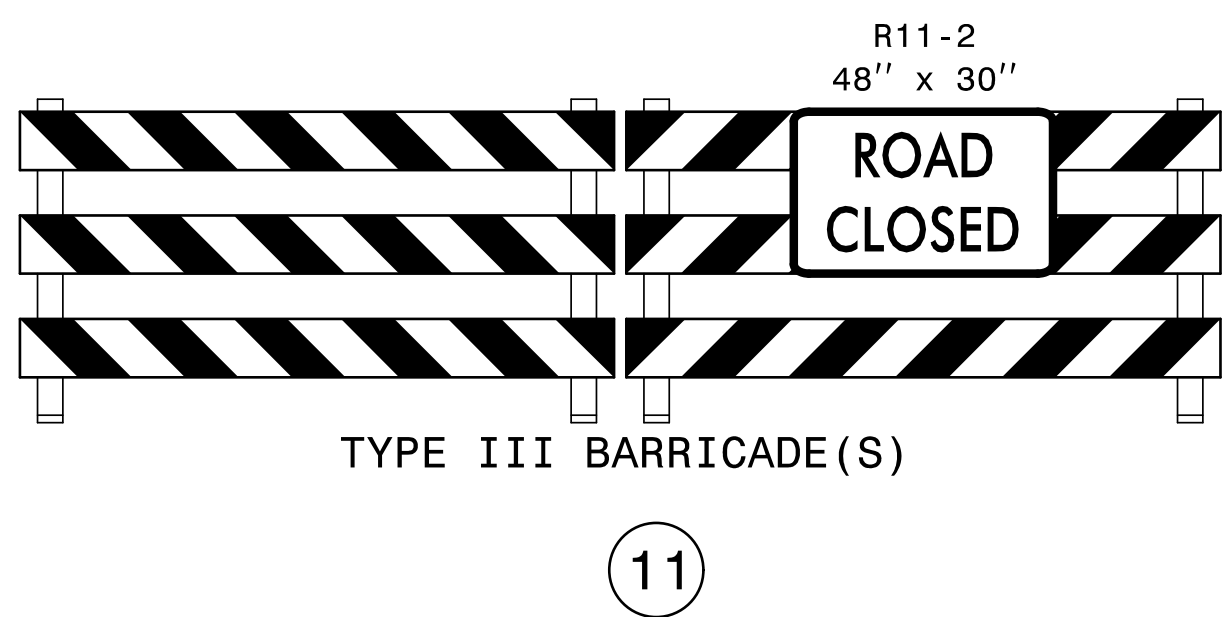
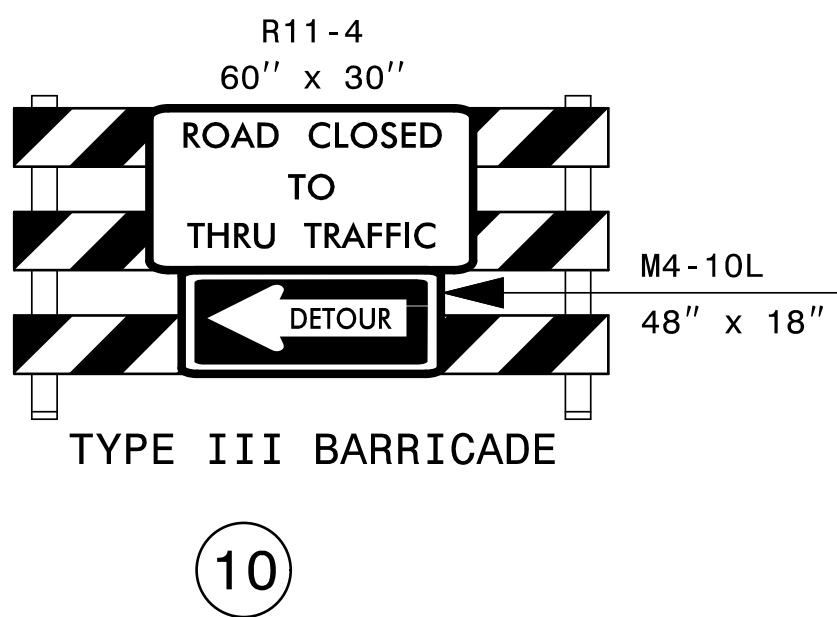
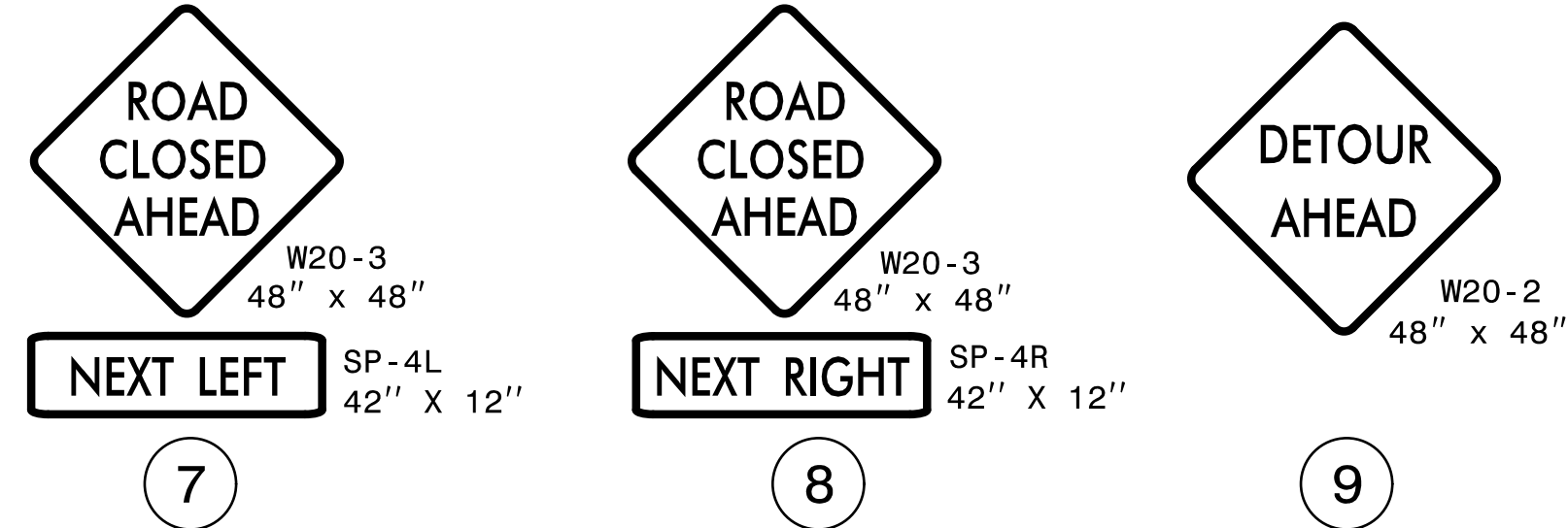
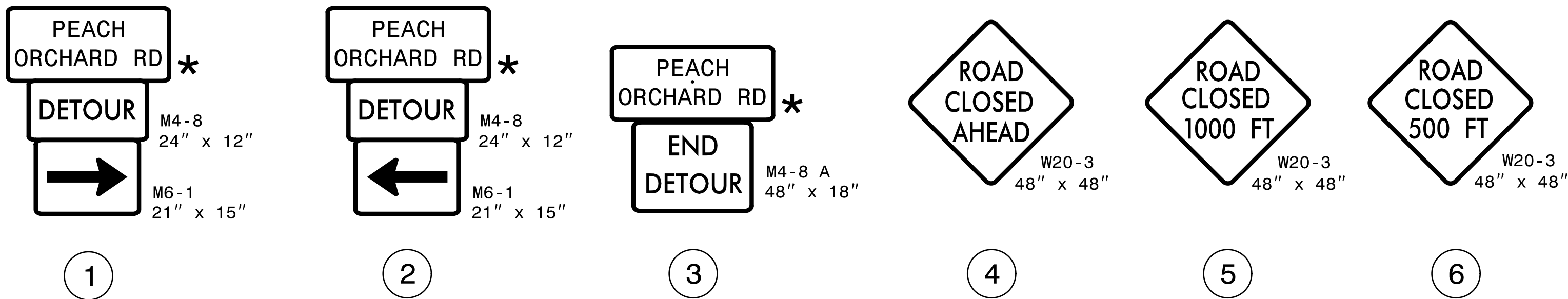
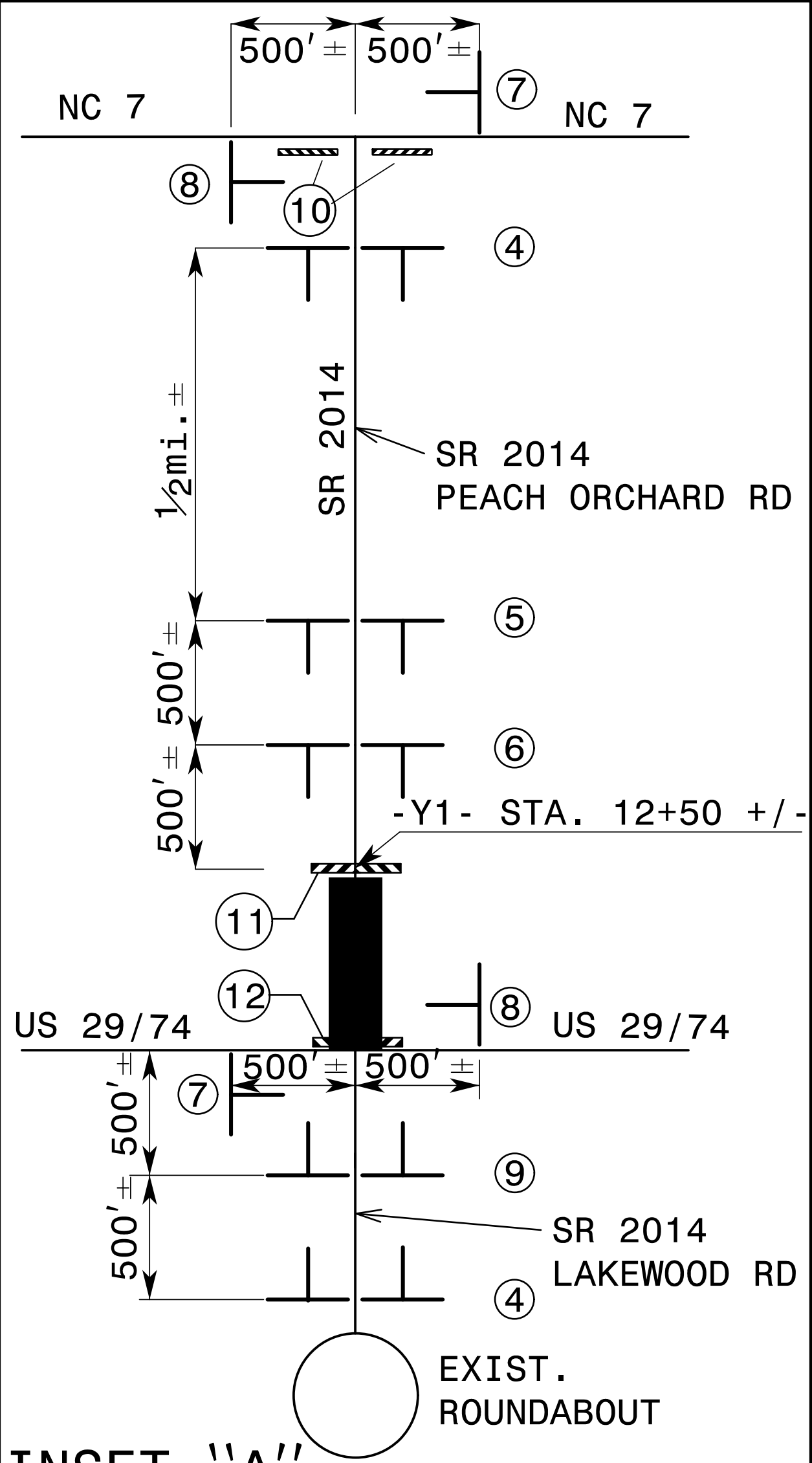
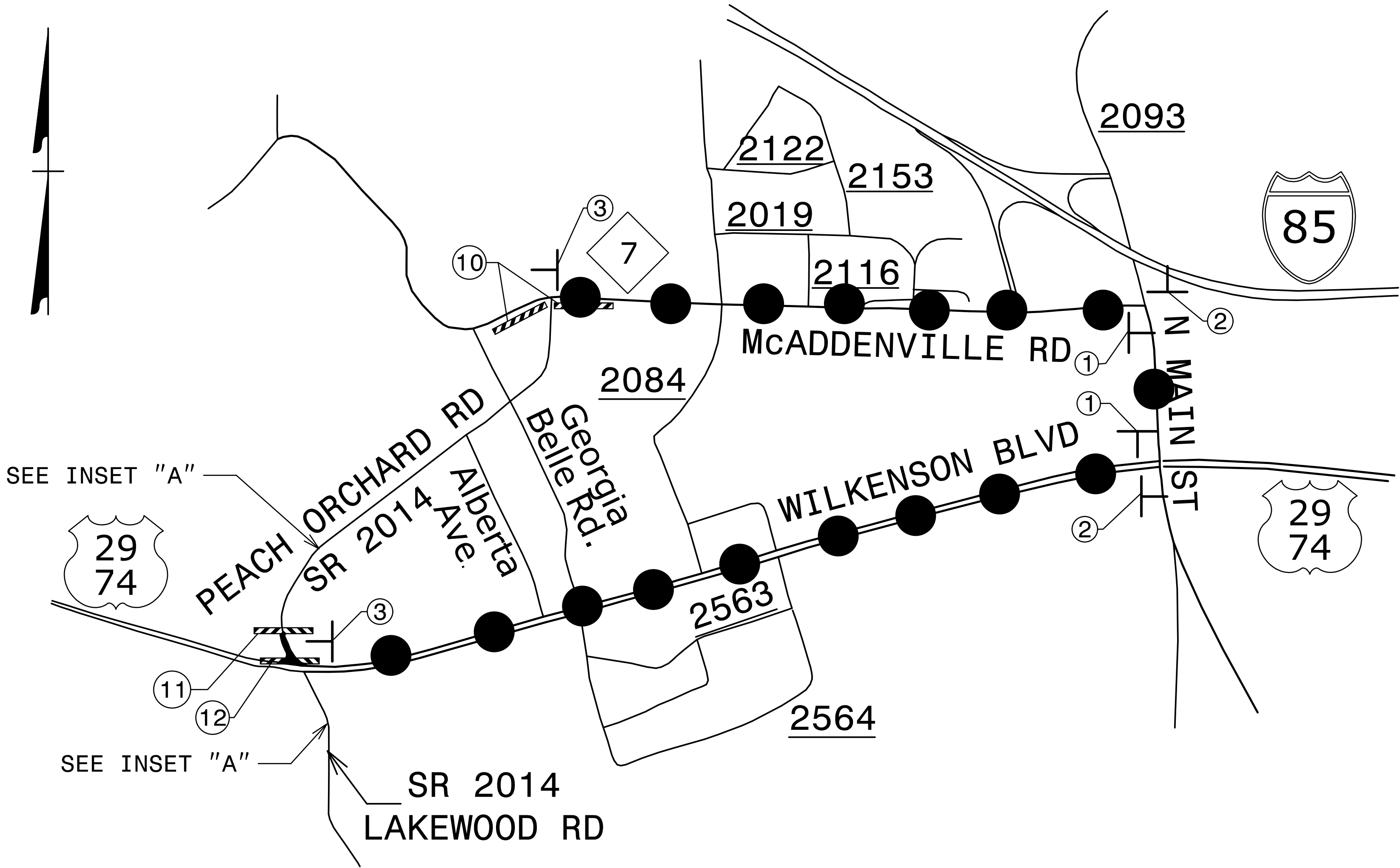
DATE: 9/2/2026



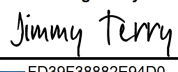
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



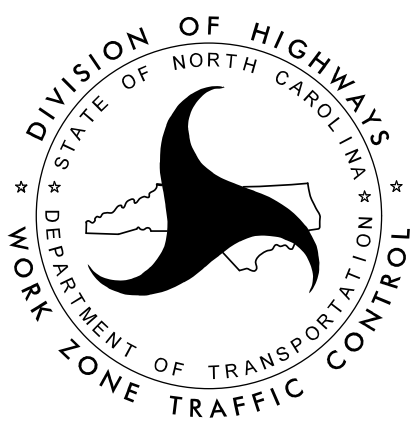
PHASE I
DETAILS



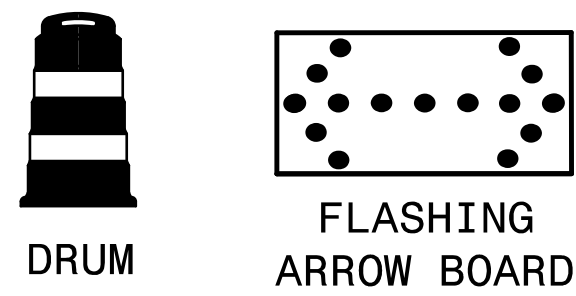
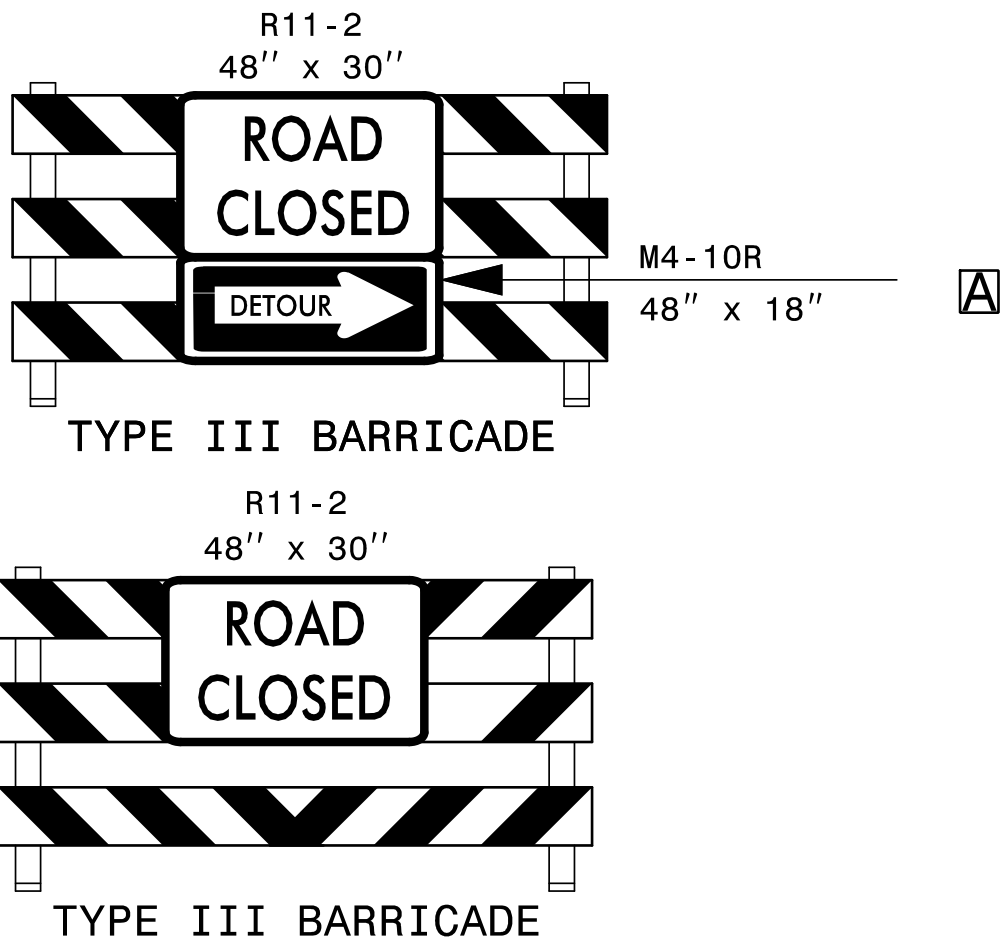
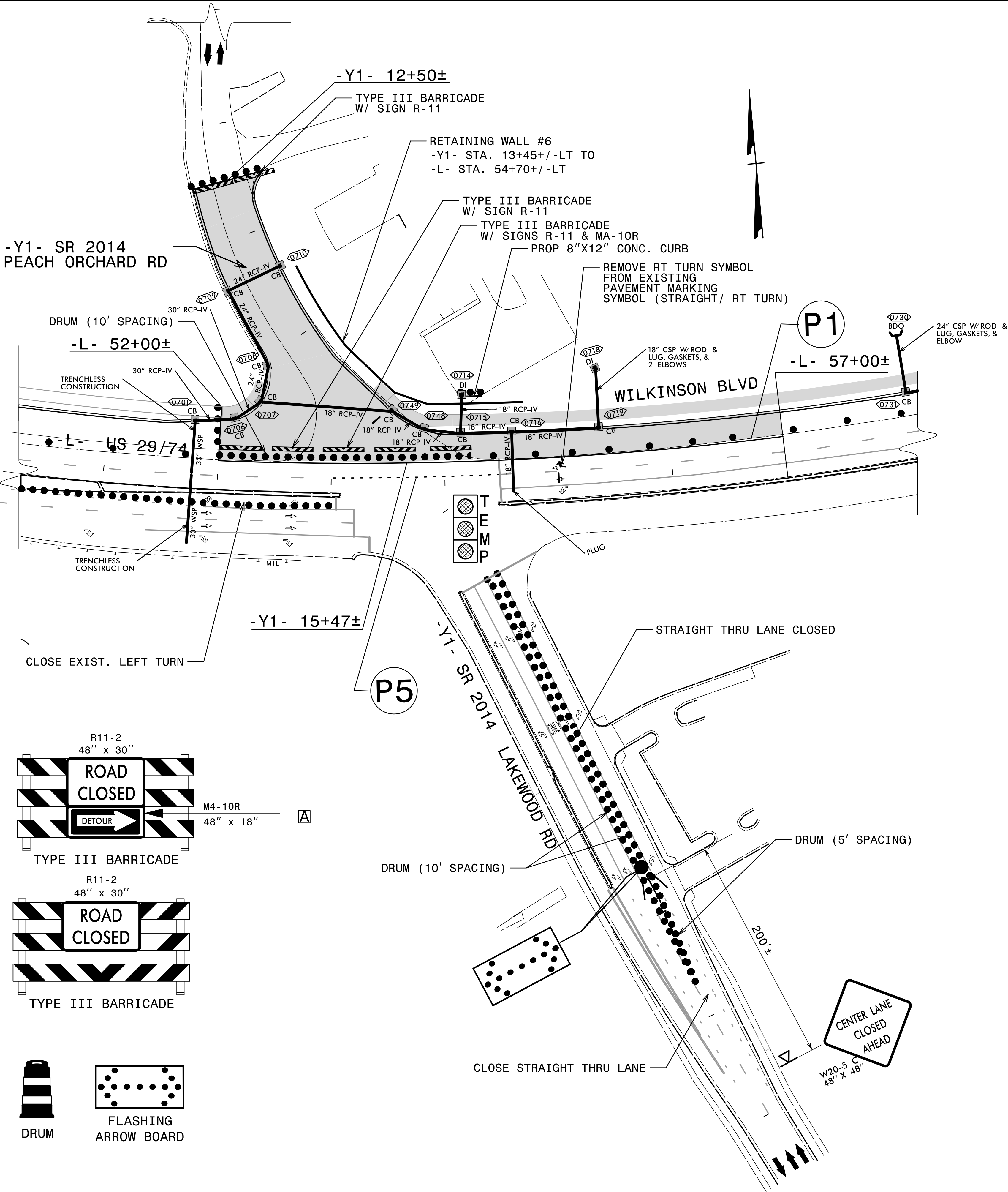
* SEE SHEET TMC-1C FOR SPECIAL SIGN

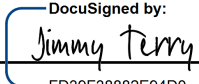
APPROVED: 
DATE: 9/2/2026

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



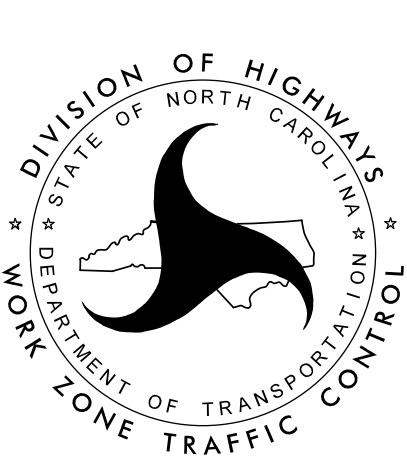
PEACH ORCHARD ROAD
OFFSITE DETOUR ROUTE
AND
BARRICADE PLACEMENT
PHASE I, STEPS 3-6
120 DAY ICT



APPROVED: 
DATE: 9/18/2026

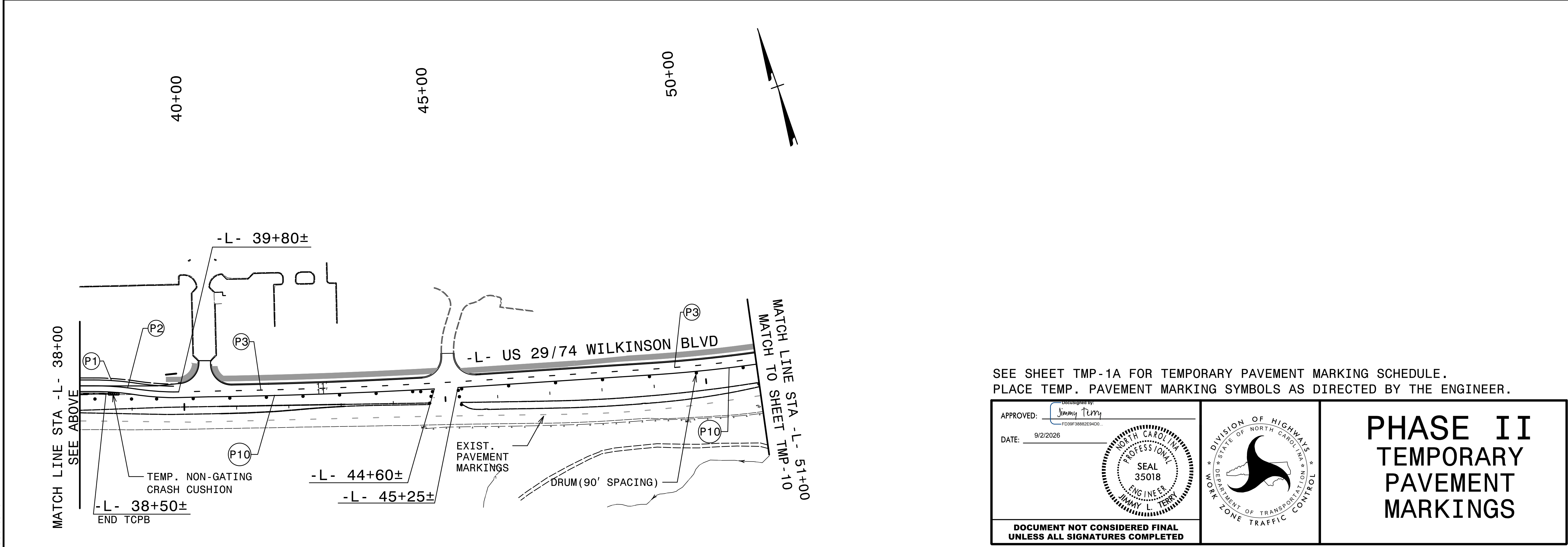
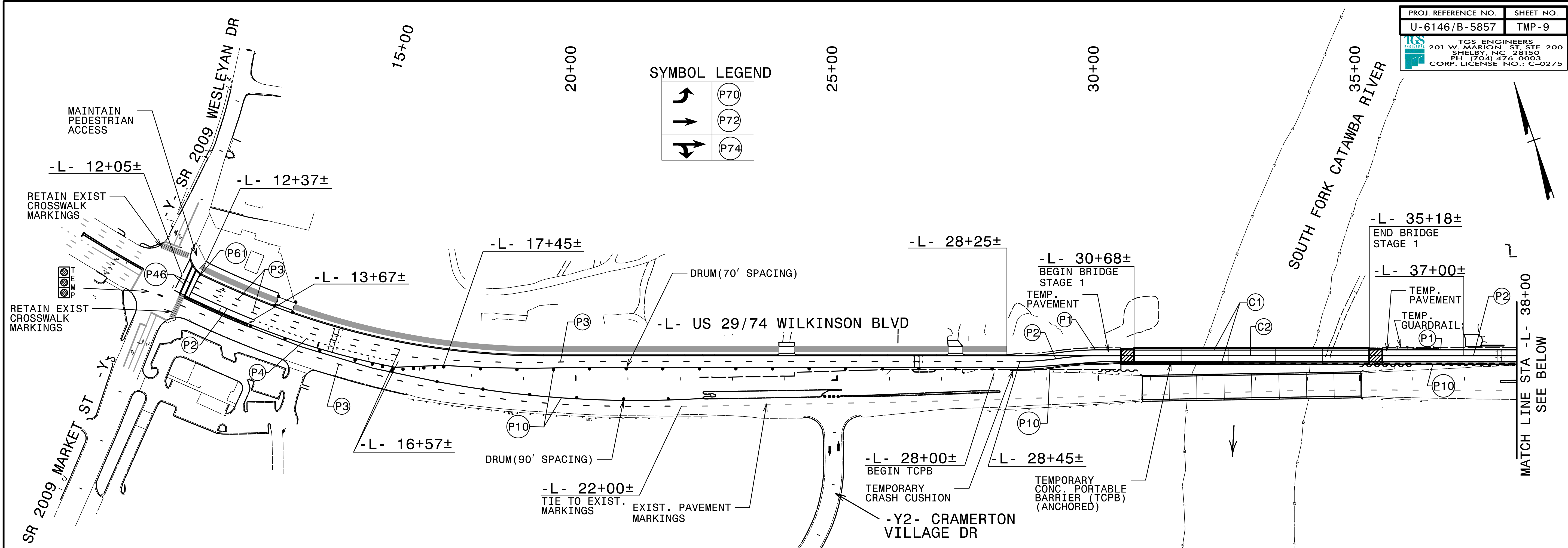
Seal of Jimmy L. Terry, Professional Engineer, No. 35018, State of North Carolina.

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PHASE I
STEP 3

PROJ. REFERENCE NO.	SHEET NO.
U-6146/B-5857	TMP-9
TCS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH: 704.476.0003 CORP. LICENSE NO.: C-0275 TCS ENGINEERS	



SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.
PLACE TEMP. PAVEMENT MARKING SYMBOLS AS DIRECTED BY THE ENGINEER.

APPROVED:

Desigined by:
Jimmy Terry
FD39F38882E94D0...

DATE: 9/2/2026

NORTH CAROLINA

PROFESSIONAL

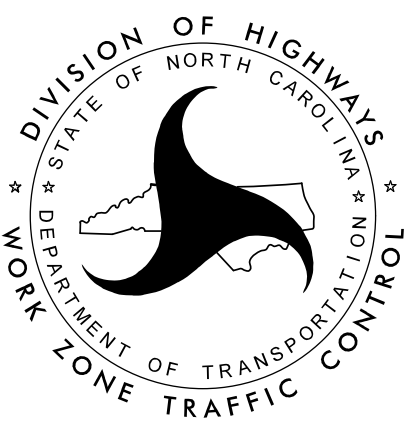
SEAL

35018

ENGINEER

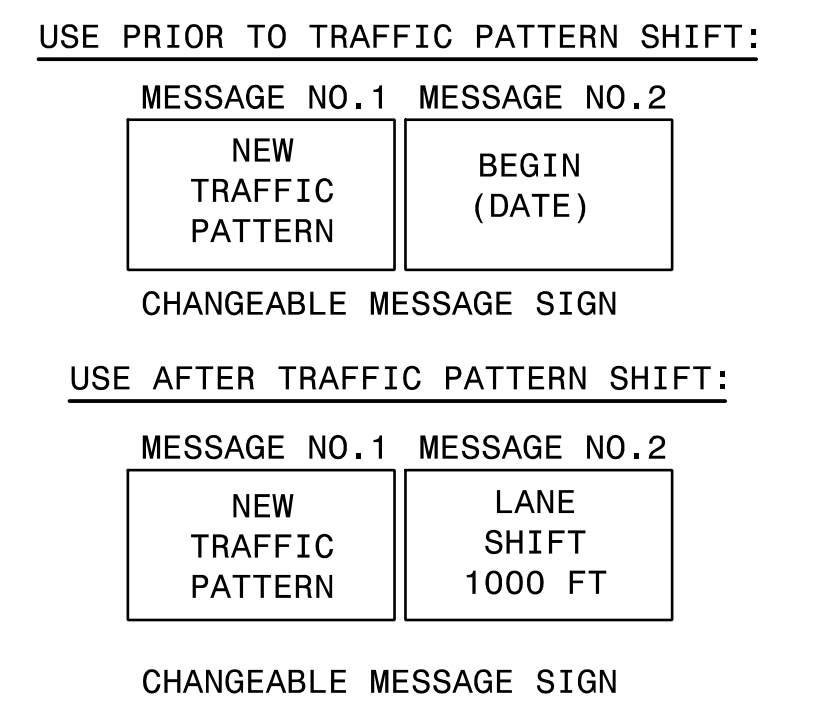
JIMMY L. TERRY

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PHASE II TEMPORARY PAVEMENT MARKINGS

7/28/2026
X:\NC000000\B-5857 Cramerton\TrafficControl\TCP\U-6146_TC_TMP_09(PHL_TPM).dgn
User:ismavin

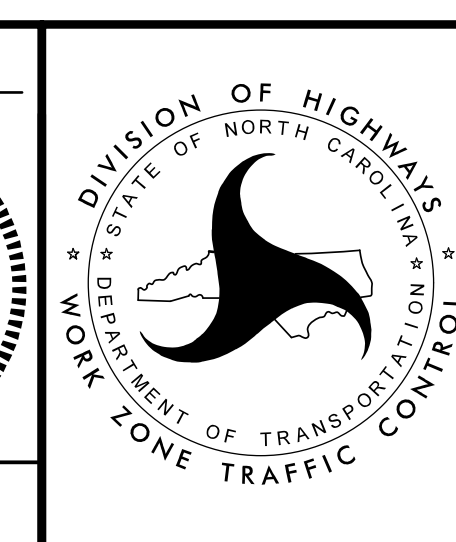


APPROVED: Jimmy Terry
 F038F38825E4D0...

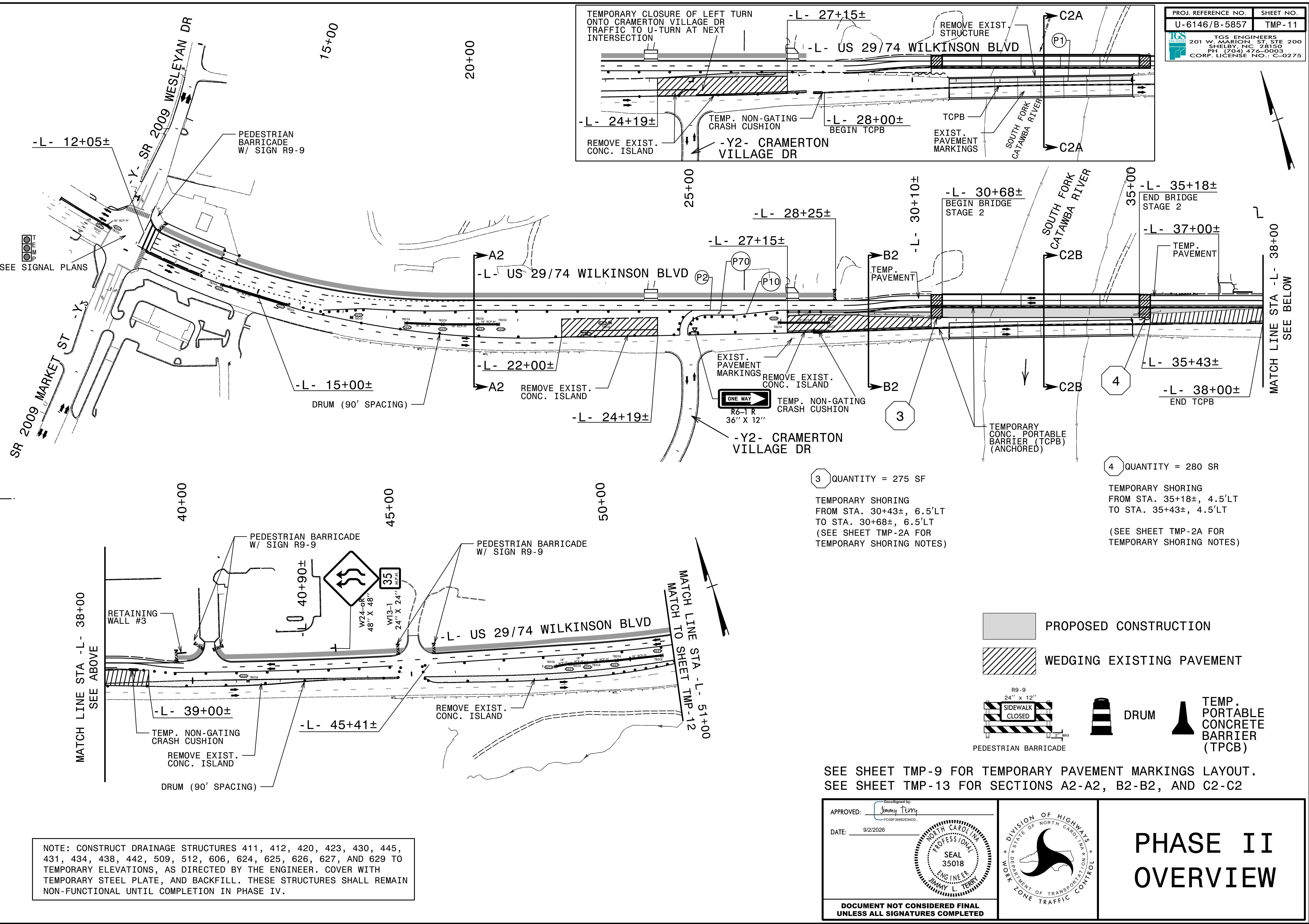
DATE: 9/2/2026

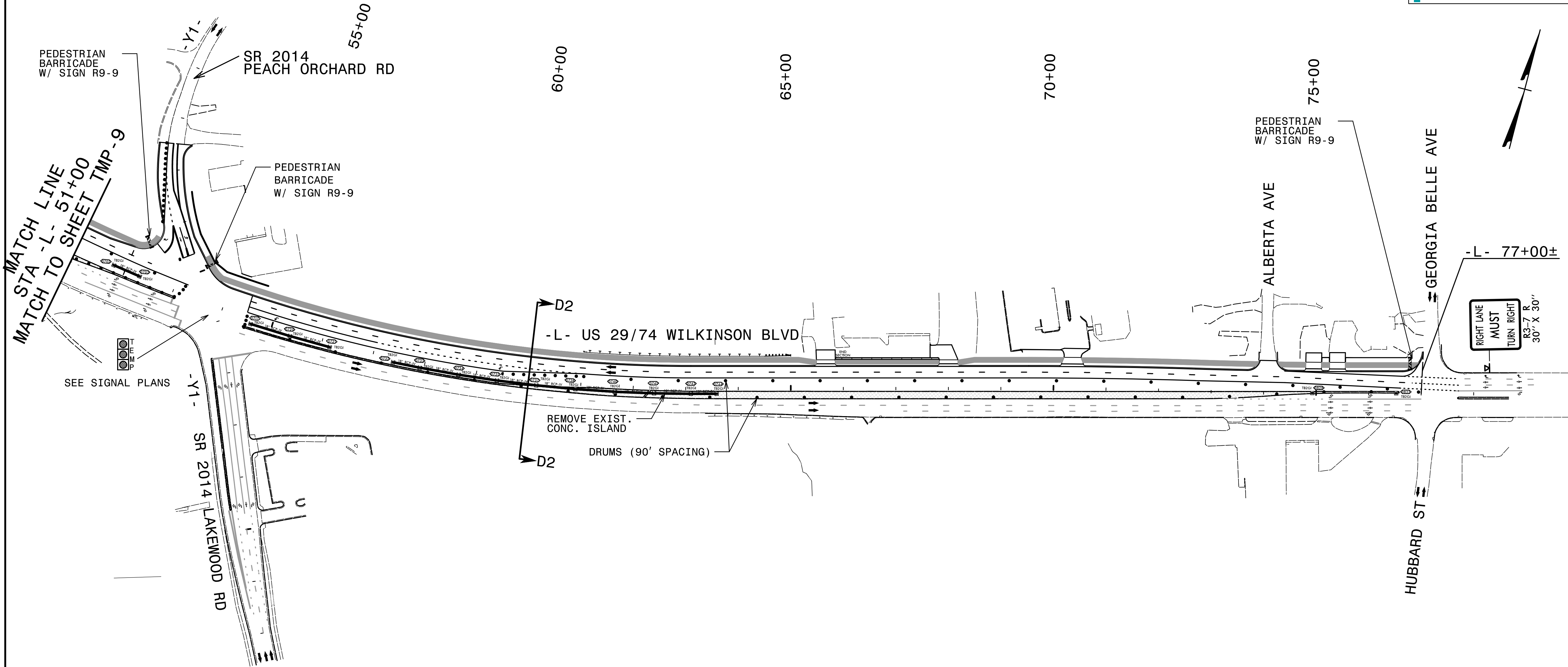
NORTH CAROLINA
 PROFESSIONAL
 SEAL
 35018
 ENGINEER
 JIMMY L. TERRY

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

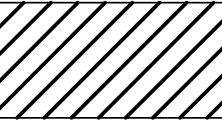


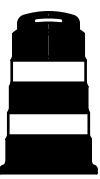
PHASE II TEMPORARY PAVEMENT MARKINGS





PROPOSED CONSTRUCTION

WEDGING EXISTING PAVEMENT

DRUM



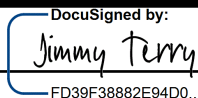
R9-9
24" x 12"
SIDEWALK
CLOSED

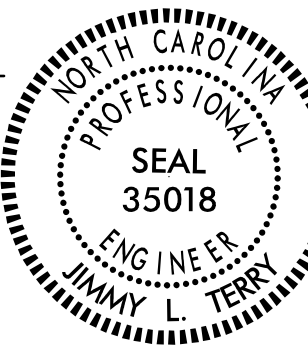
PEDESTRIAN BARRICADE

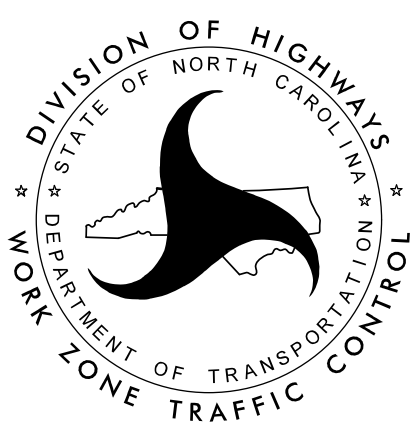
SEE SHEET TMP-13 FOR SECTION D2-D2

SEE SHEET TMP-10 FOR TEMPORARY PAVEMENT MARKINGS LAYOUT.

NOTE: CONSTRUCT DRAINAGE STRUCTURES 702, 703, 717, 720, 721, 732, 733, 734, 735, 737, 738, 740, 741, 743, 744, 828, AND 833 TO TEMPORARY ELEVATIONS, AS DIRECTED BY THE ENGINEER. COVER WITH TEMPORARY STEEL PLATE, AND BACKFILL. THESE STRUCTURES SHALL REMAIN NON-FUNCTIONAL UNTIL COMPLETION IN PHASE IV.

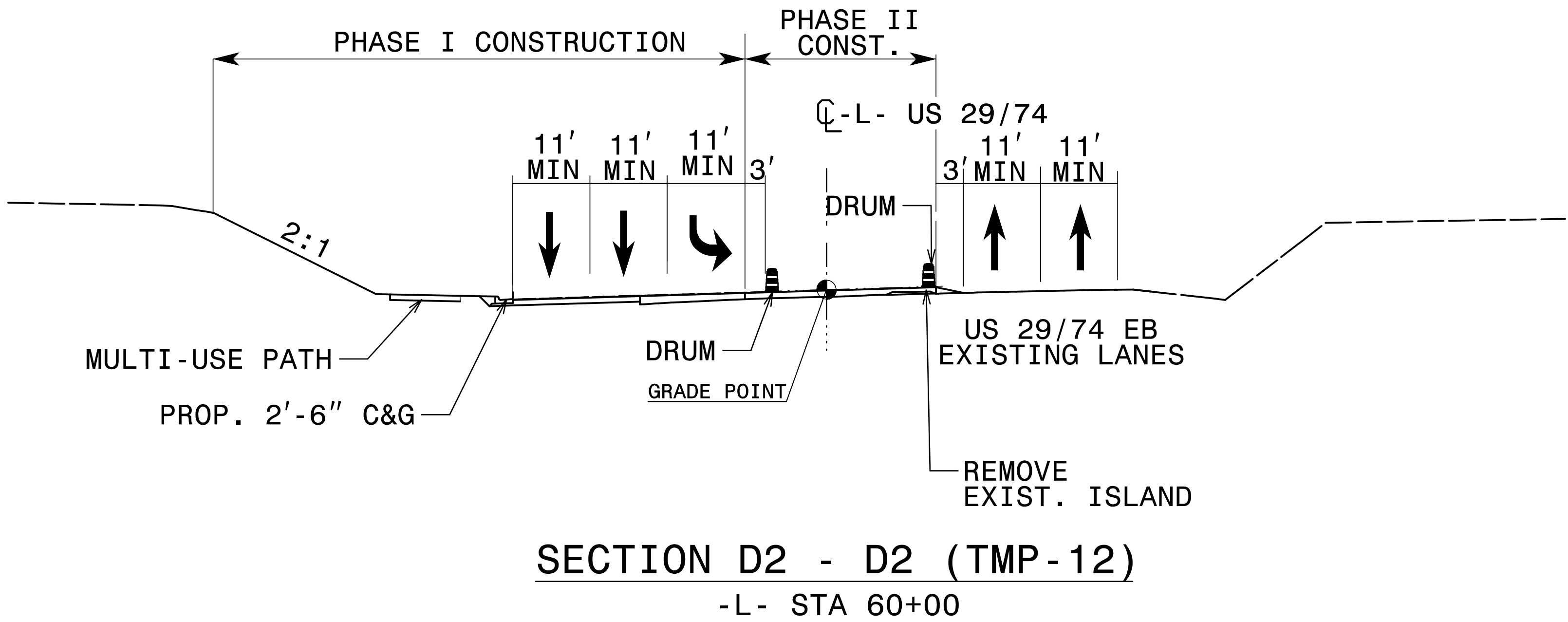
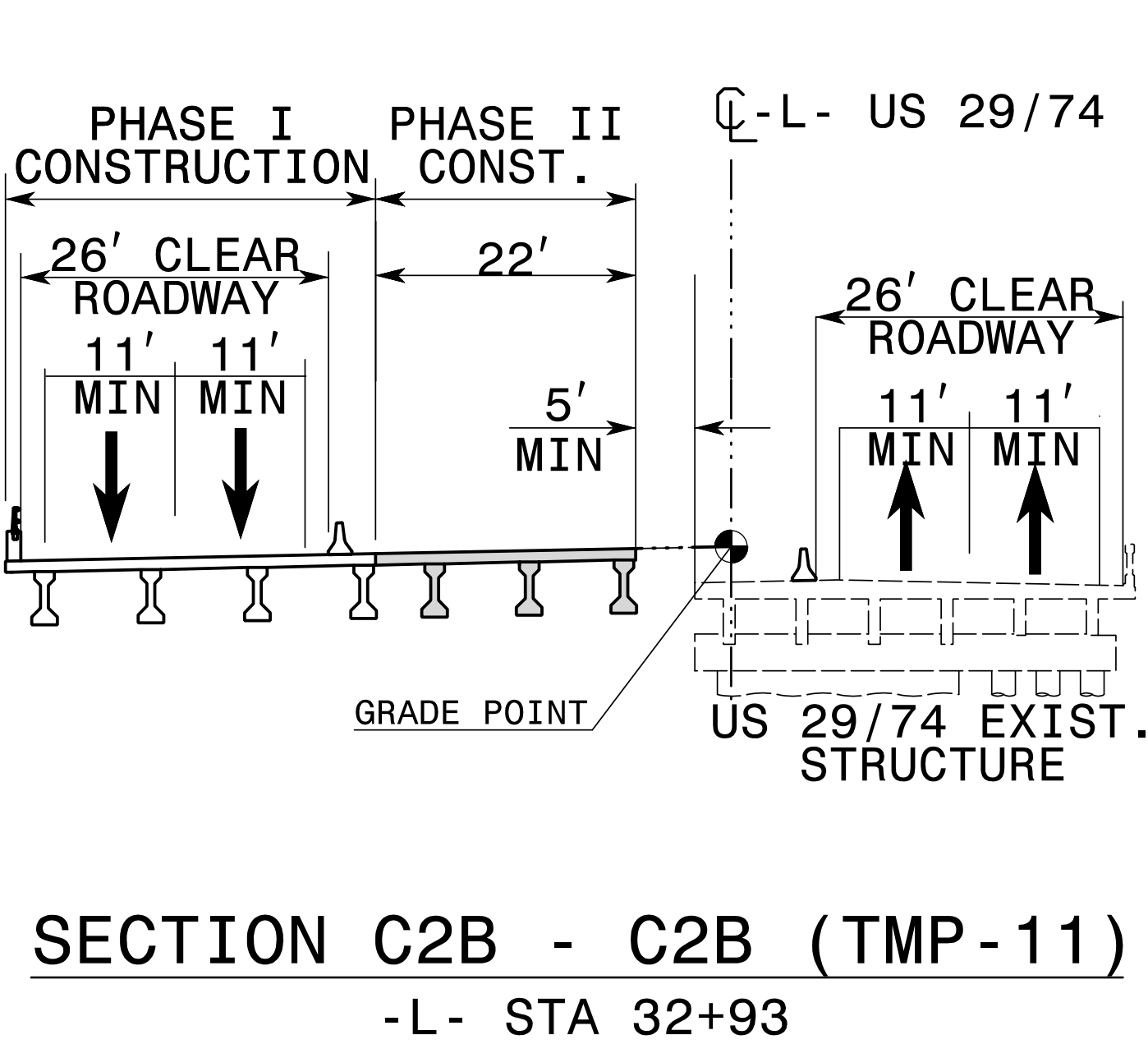
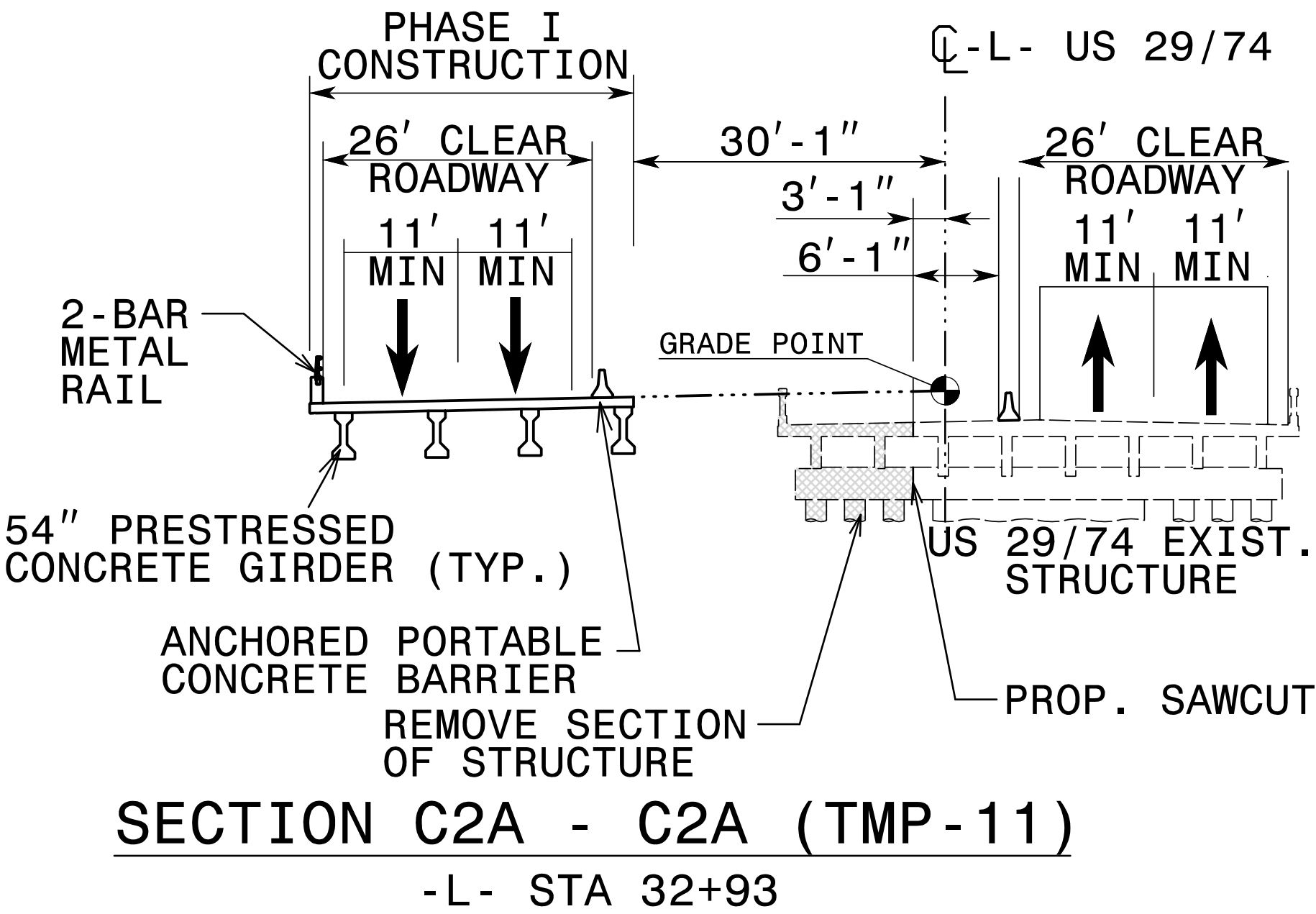
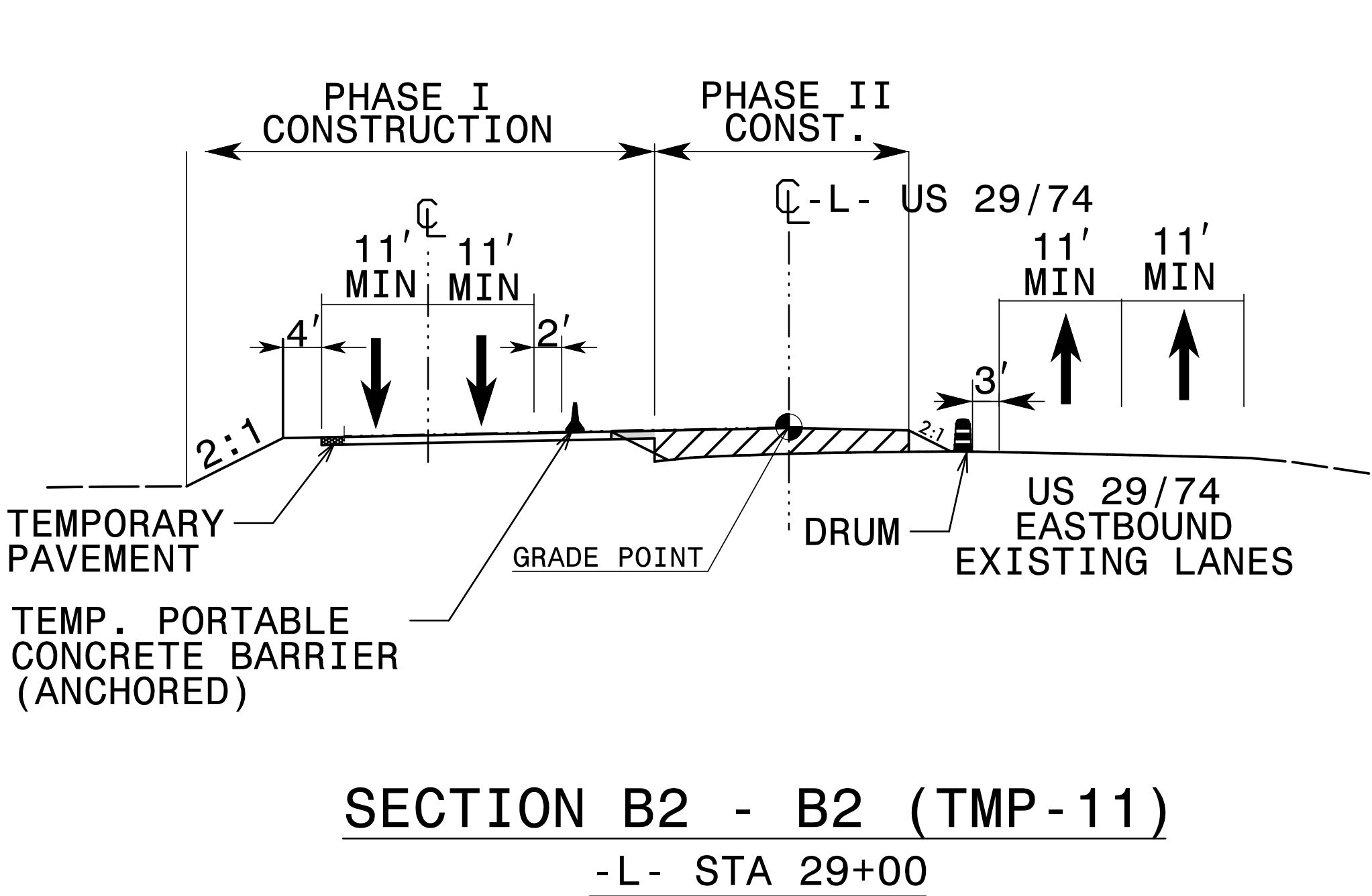
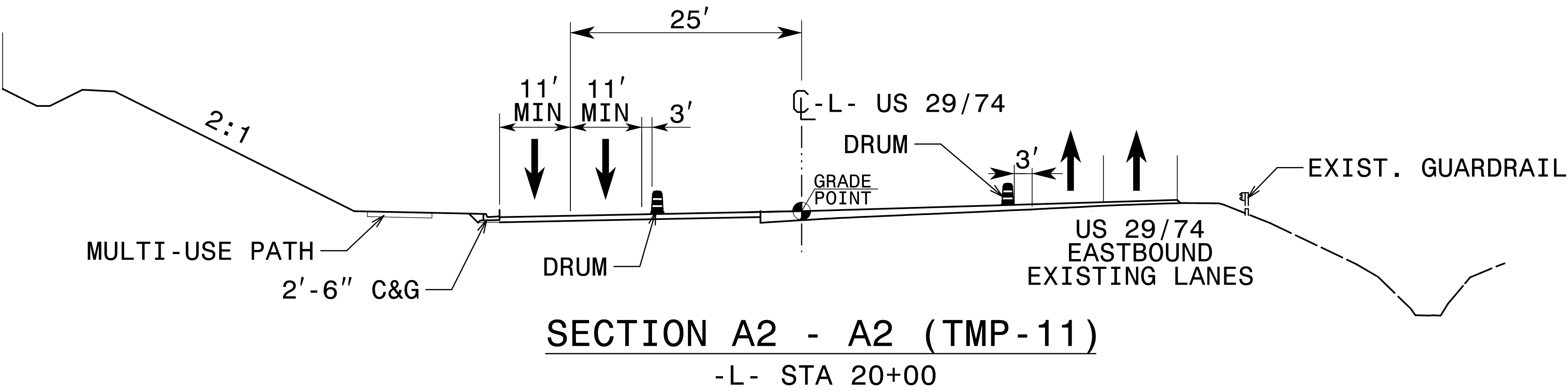
APPROVED: 
DATE: 9/2/2026

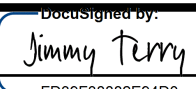


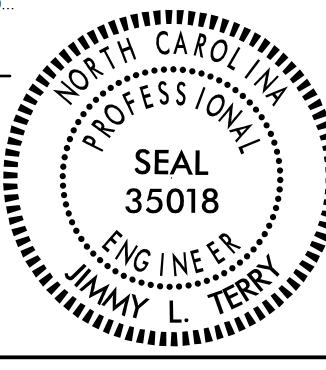


PHASE II
OVERVIEW

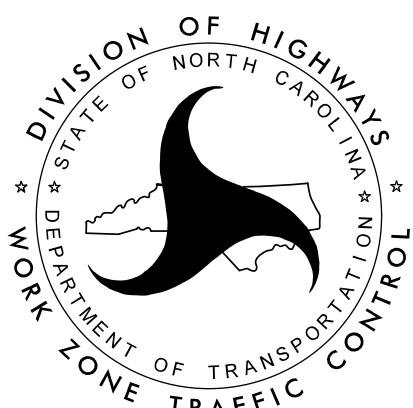
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



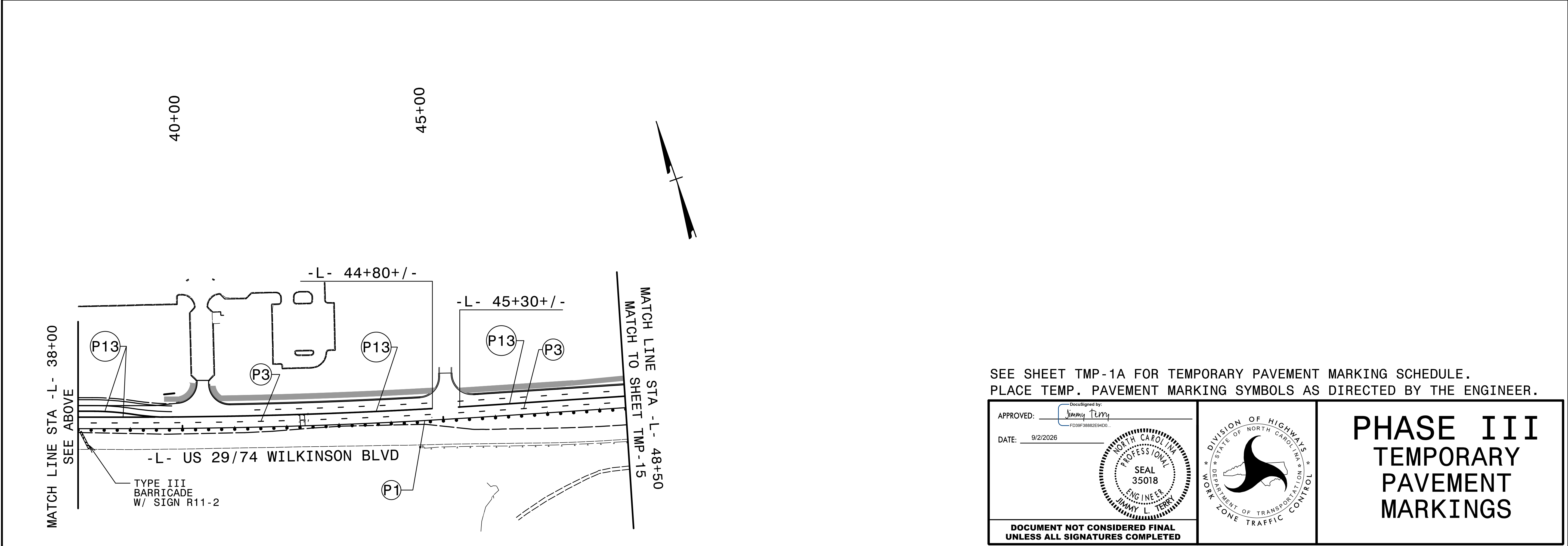
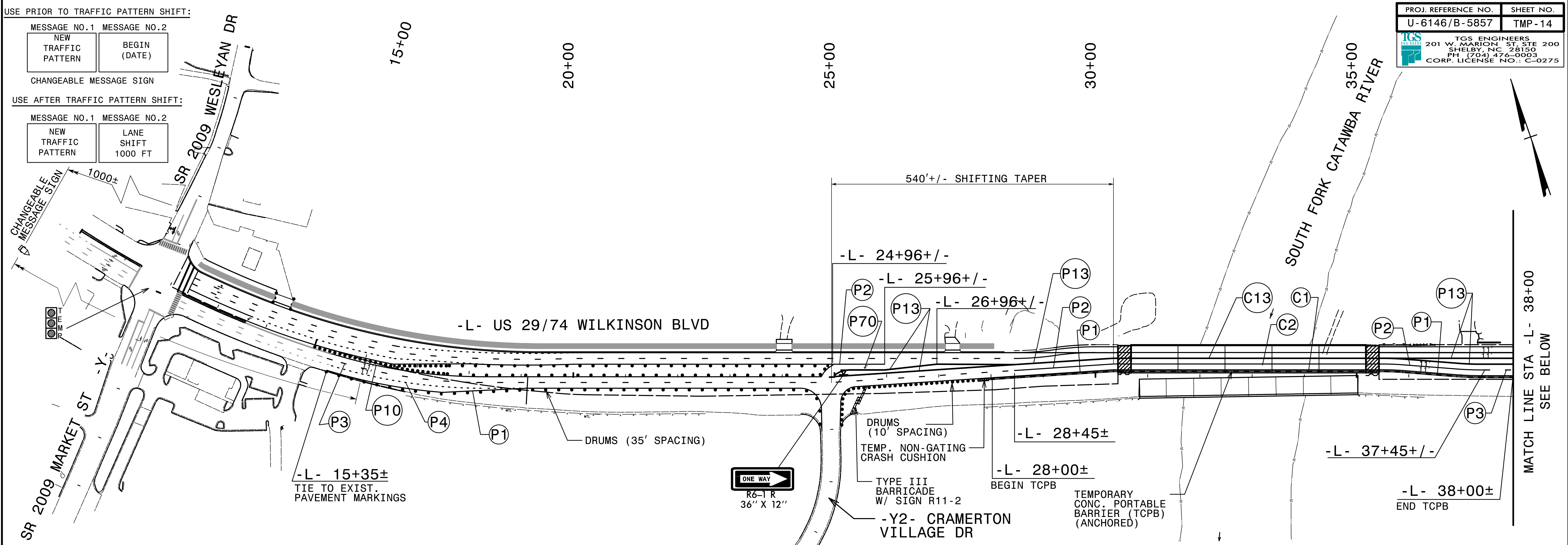
APPROVED: 
DATE: 9/2/2026

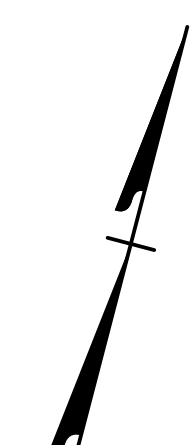
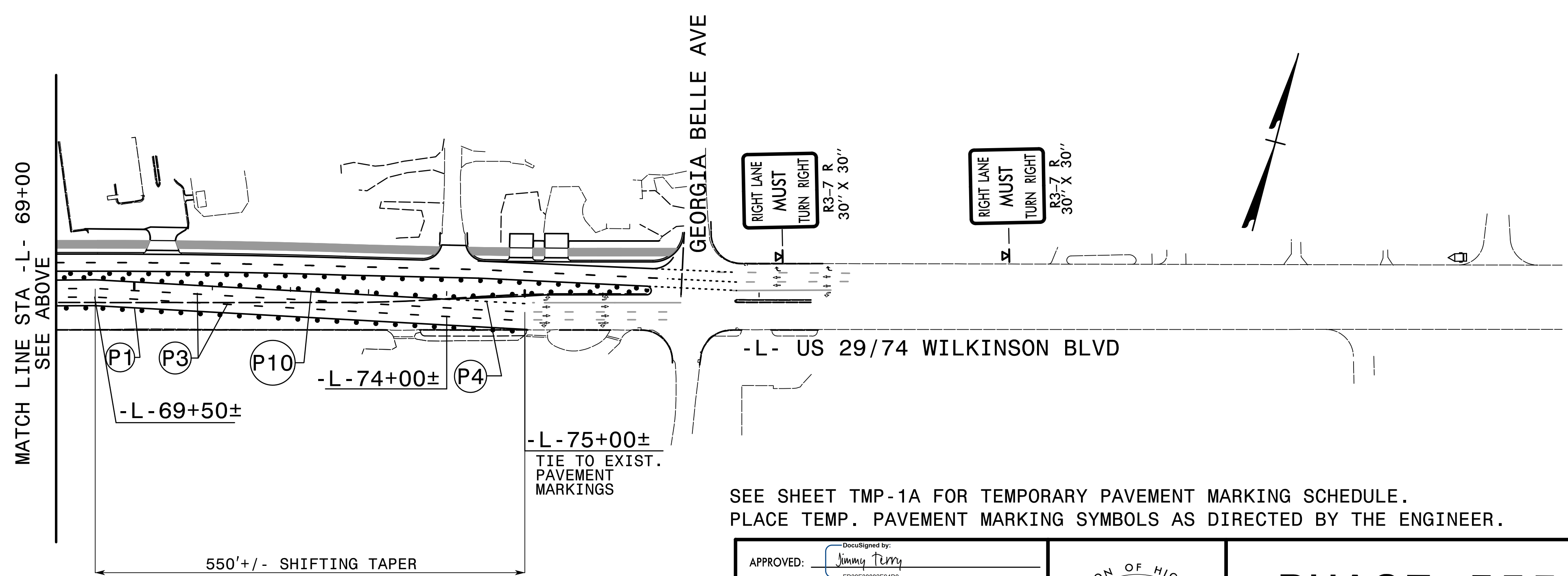
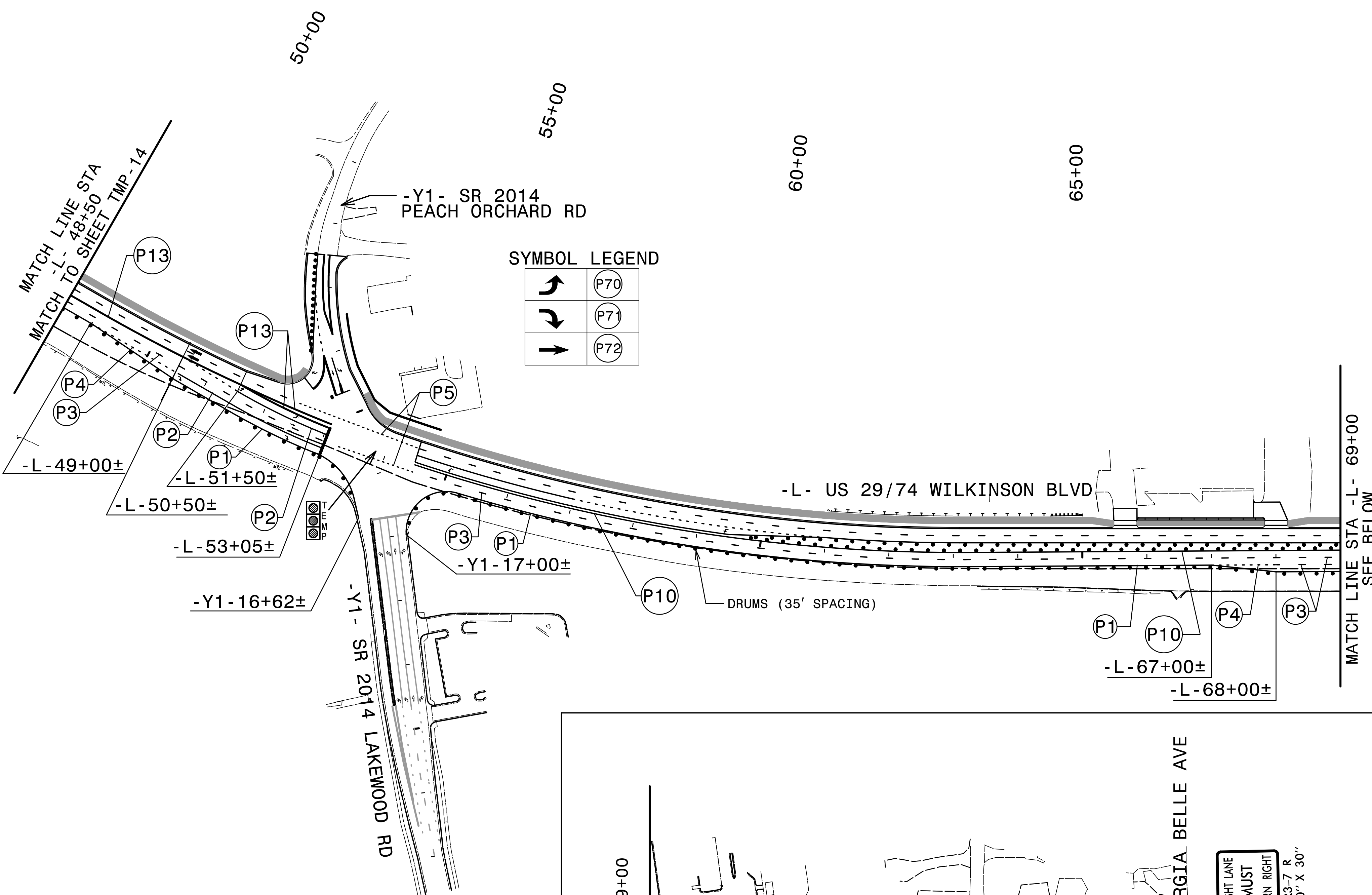
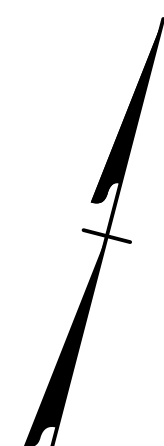


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

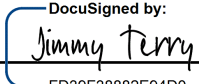


PHASE II
DETAILS





SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.
PLACE TEMP. PAVEMENT MARKING SYMBOLS AS DIRECTED BY THE ENGINEER.

APPROVED: 
DATE: 9/2/2026

NO. 14

CAROLINA

PROFESSIONAL

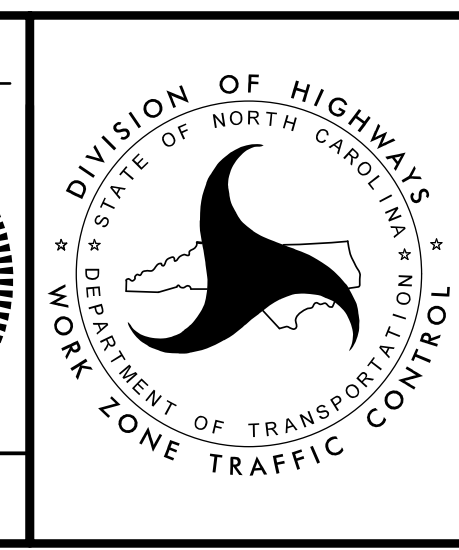
SEAL

35018

ENGINEER

JIMMY L. TERRY

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

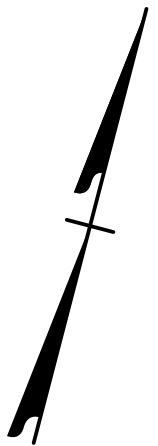


PHASE III TEMPORARY PAVEMENT MARKINGS

7/28/2026
U:\NC\U-6146-B-5857-Cramer\ton\TrafficControl\TCP\U-6146-TC-TMP_15(PH2).TPM.dgn
User:ismalvin



PROJ. REFERENCE NO.	SHEET NO.
U-6146/B-5857	TMP-17
TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH: (704) 476-0003 CORP. LICENSE NO.: C-0275	



SEE TMP-10 FOR
CHANGEABLE
MESSAGE SIGN
LOCATION AND
MESSAGE

-L- 77+00±
RIGHT LANE
MUST
TURN RIGHT
R3-7 R
30" X 30"

ALBERTA AVE
GEORGIA BELLE AVE
HUBBARD ST

75+00

70+00

65+00

60+00

55+00

SR 2014
PEACH ORCHARD RD

-Y1- 12+50±

-Y1- 10+00±

SEE SIGNAL PLANS

PROP. GUARDRAIL

-L- US 29/74 WILKINSON BLVD

PROP. GUARDRAIL

RETAINING WALL #5
-L- STA. 63+40± TO
-L- STA. 66+18±RT

PEDESTRIAN
BARRICADE
W/ SIGN R9-9

PROP. 8"X12" CONC. CURB

-Y1- 21+50±

END C&G AND
SIDEWALK, LT
PEDESTRIAN
BARRICADE
W/ SIGN R9-9

-Y1- 18+57±
END SIDEWALK, RT
PEDESTRIAN
BARRICADE
W/ SIGN R9-9

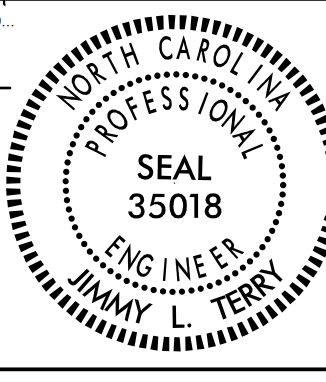
-Y1- 17+00±
END C&G, RT

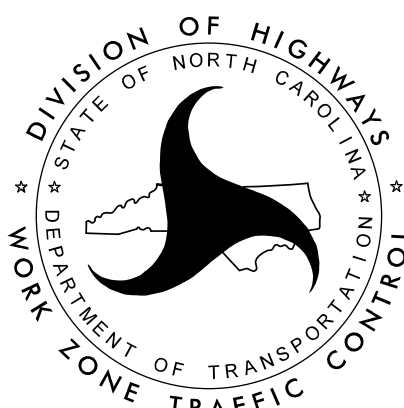
PEDESTRIAN
BARRICADE
W/ SIGN R9-9

RETAINING WALL #4
-L- STA. 47+90± TO
-L- STA. 51+62±RT

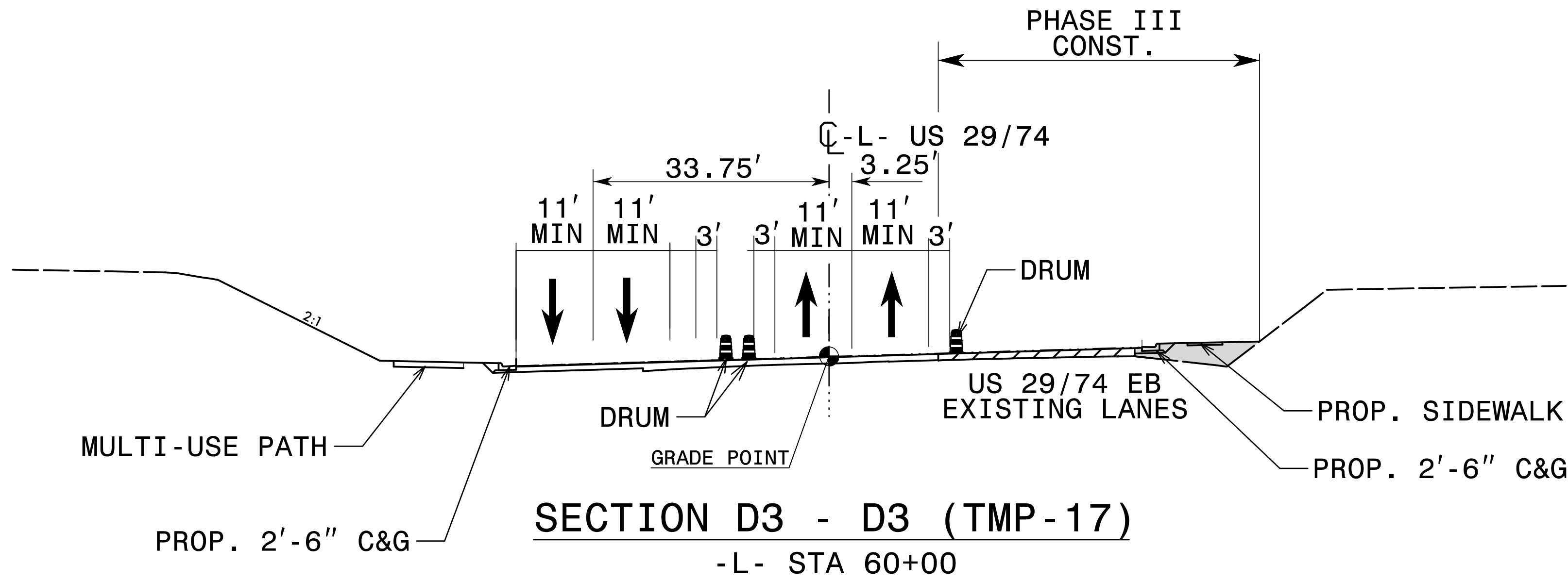
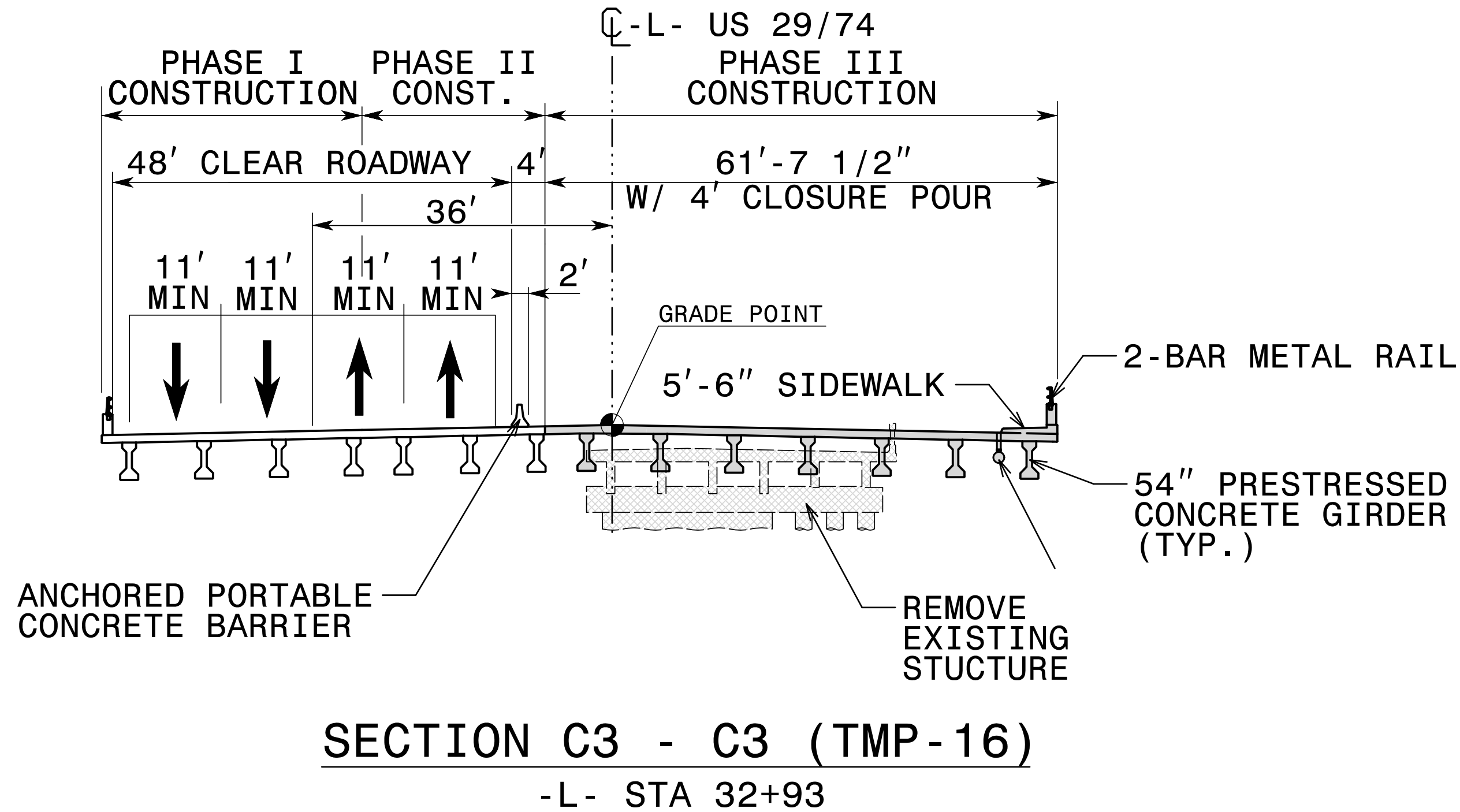
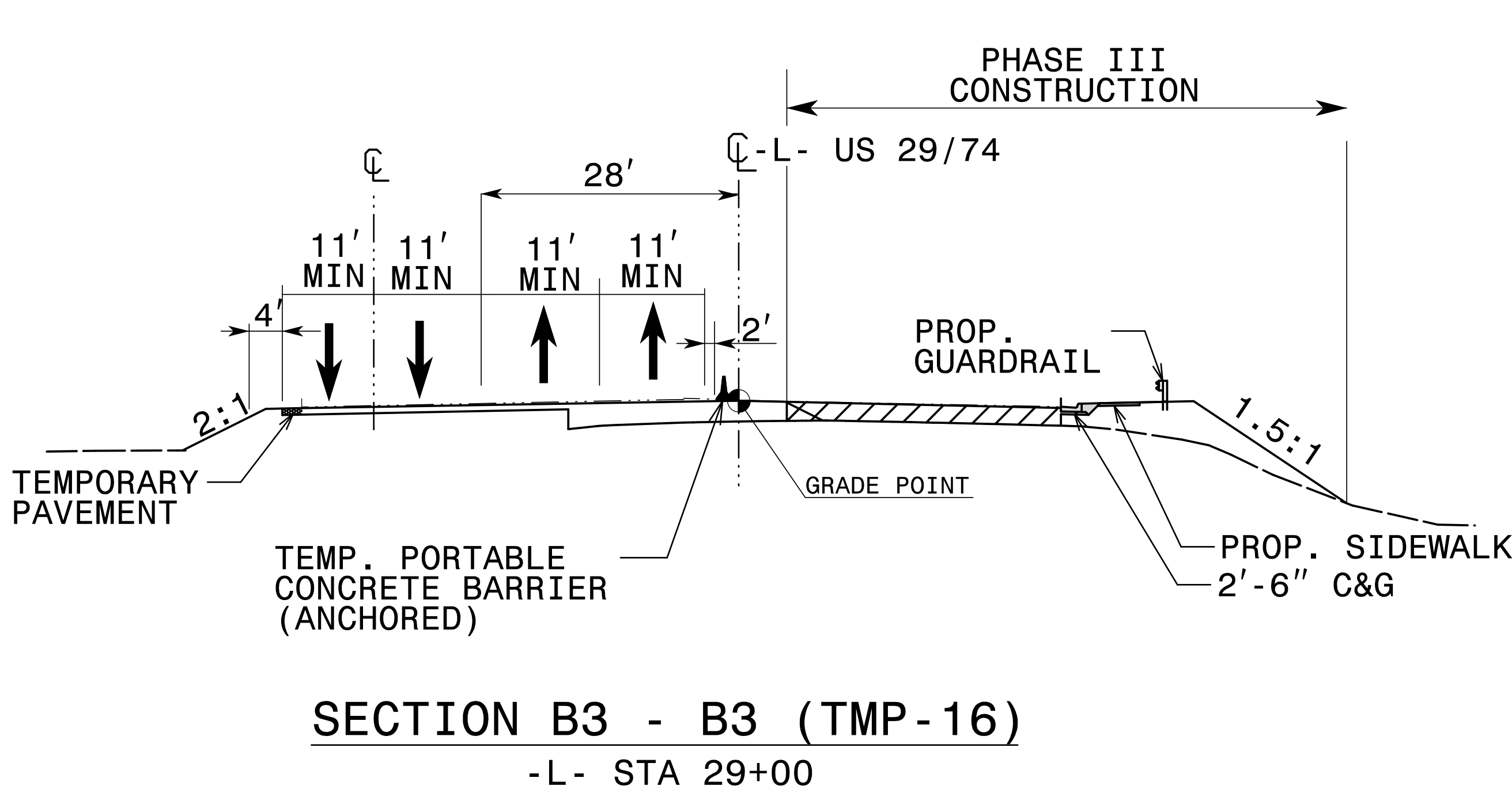
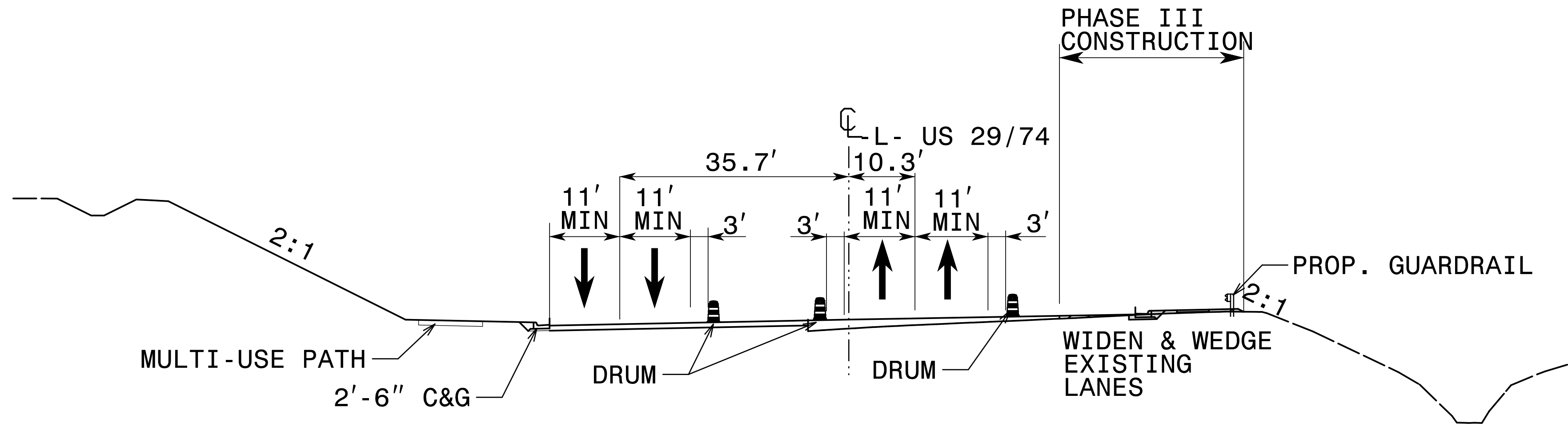
MATCH LINE
STA -L- 51+00
MATCH TO SHEET TMP-16

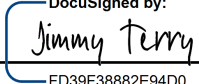
SEE SHEET TMP-18 FOR SECTION D3-D3
SEE SHEET TMP-15 FOR TEMPORARY PAVEMENT MARKINGS LAYOUT.

APPROVED: 	
DATE: 9/16/2026	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



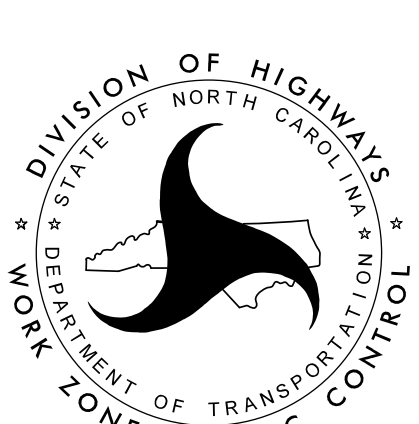
PHASE III
OVERVIEW



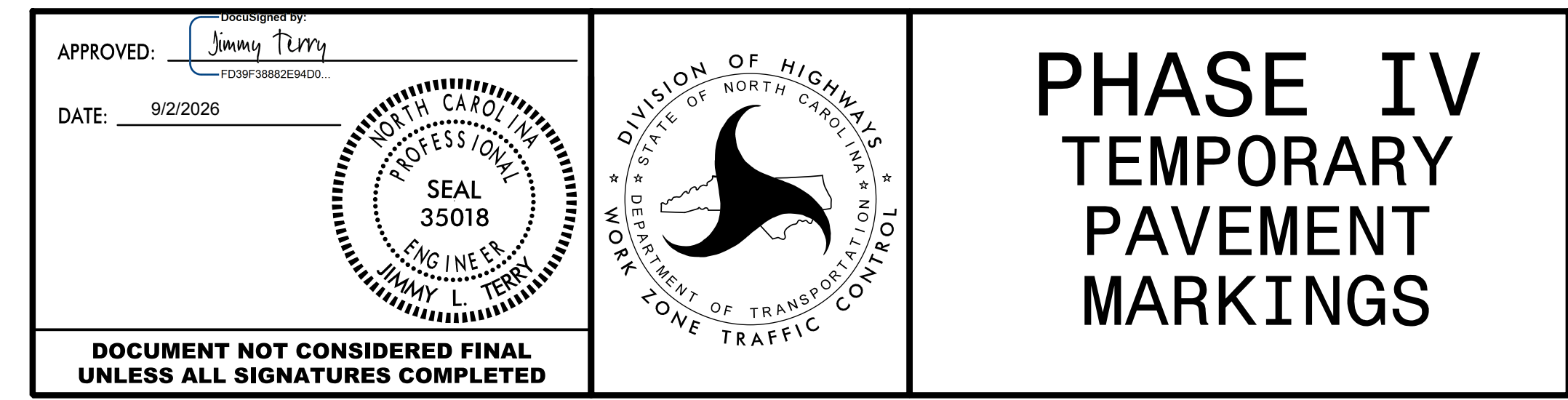
APPROVED: 
DATE: 9/2/2026



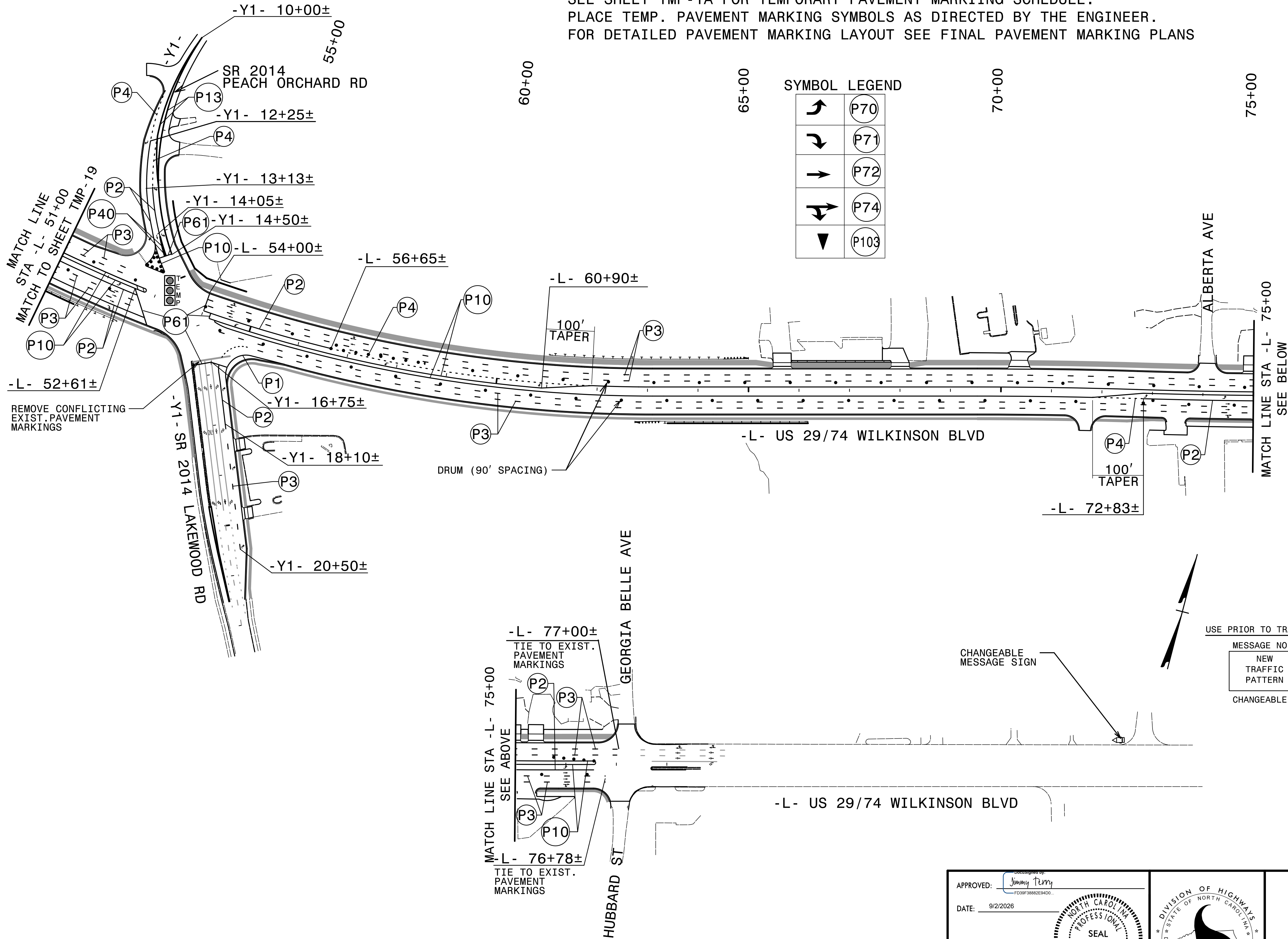
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

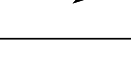


PHASE III
DETAILS



SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKIING SCHEDULE.
PLACE TEMP. PAVEMENT MARKING SYMBOLS AS DIRECTED BY THE ENGINEER.
FOR DETAILED PAVEMENT MARKING LAYOUT SEE FINAL PAVEMENT MARKING PLANS



SYMBOL LEGEND	
	P70
	P71
	P72
	P74
	P103

REMOVE CONFLICTING
EXIST. PAVEMENT
MARKINGS

DRUM (90' SPACING)

100'
TAPER

100'
TAPER

MATCH LINE STA -L- 75+00
SEE BELOW

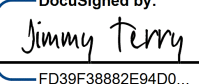
MATCH LINE STA -L- 75+00
SEE ABOVE
-L- 76+78±
TIE TO EXIST.
PAVEMENT
MARKINGS
-L- 77+00±
TIE TO EXIST.
PAVEMENT
MARKINGS

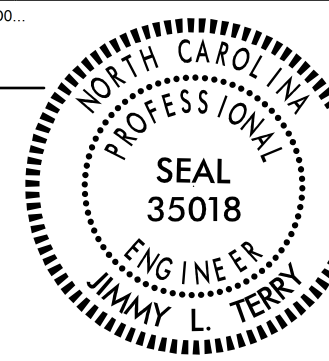
CHANGEABLE
MESSAGE SIGN

USE PRIOR TO TRAFFIC PATTERN SHIFT:

MESSAGE NO.1	MESSAGE NO.2
NEW TRAFFIC PATTERN	BEGIN (DATE)

CHANGEABLE MESSAGE SIGN

APPROVED: 
DATE: 9/2/2026

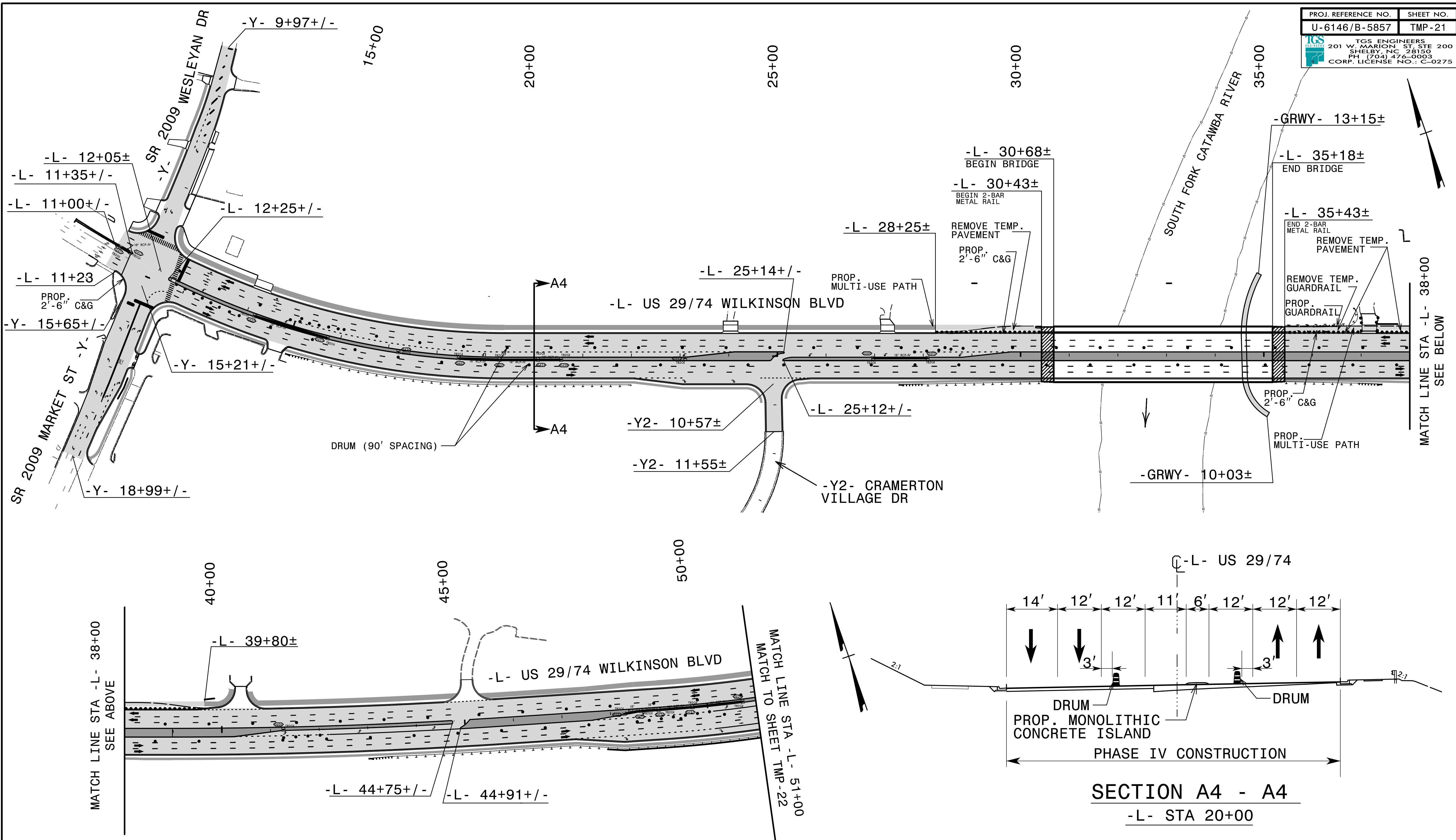


DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



PHASE IV
TEMPORARY
PAVEMENT
MARKINGS

8/24/2026
C:\NCDOT\B-5857-Cramerton\TrafficControl\TCP\U-646_TC_TMP-2(PH40V).dgn
User: jcp511



PROJ. REFERENCE NO.	SHEET NO.
U-6146/B-5857	TMP-21

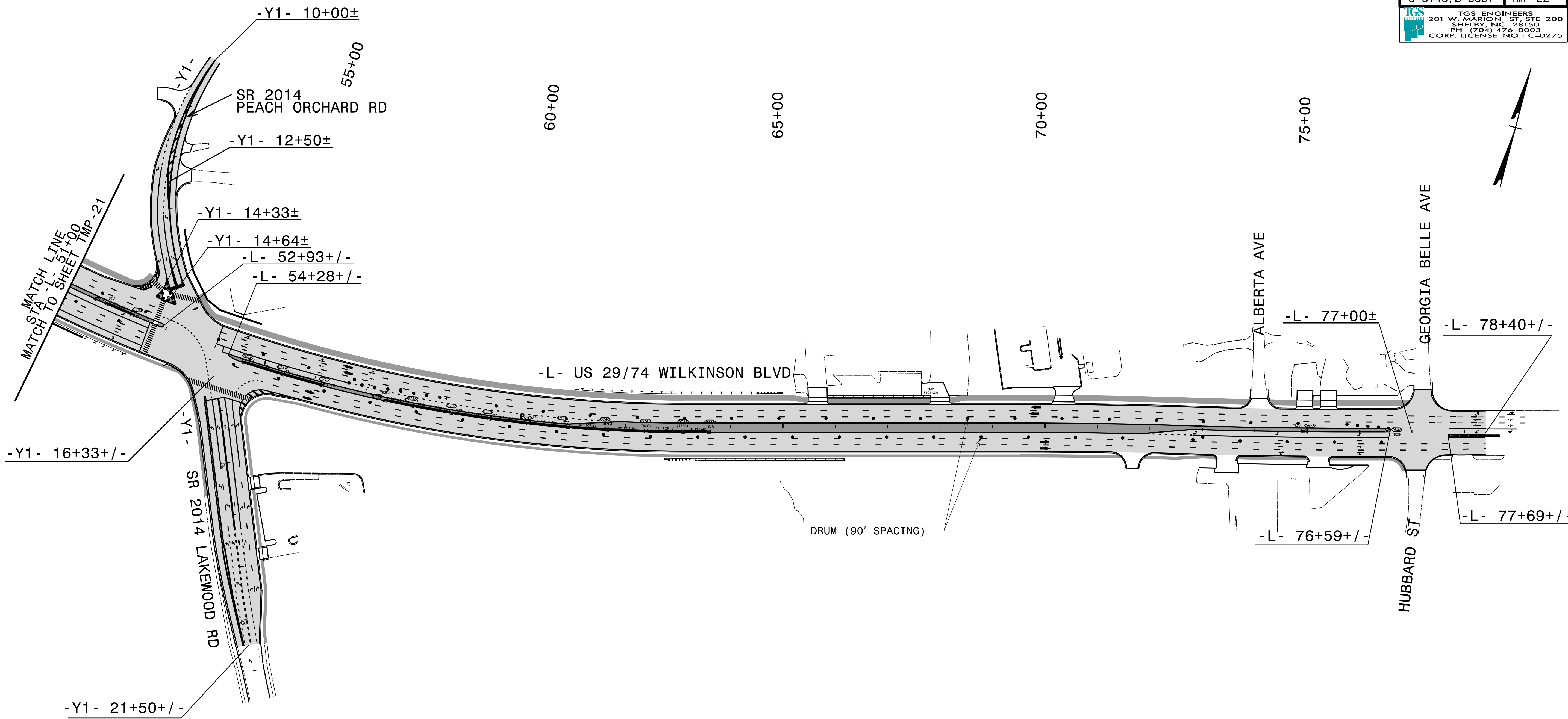
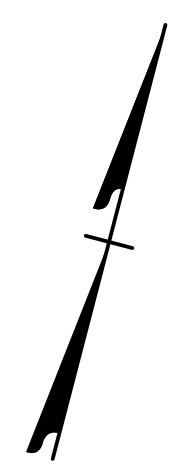
TGS ENGINEERS
201 W. MARION ST. STE 200
SHELBY, NC 28150
PH (704) 476-0003
CORP. LICENSE NO.: C-0275

NOTE: COMPLETE DRAINAGE STRUCTURES 411, 412, 420, 423, 430, 445, 431, 434, 438, 442, 509, 512, 606, 624, 625, 626, 627, AND 629.

SEE PAVEMENT MARKING PLANS FOR PAVEMENT MARKINGS LAYOUT.

APPROVED: DATE: 9/2/2026			PHASE IV OVERVIEW
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

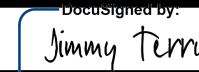
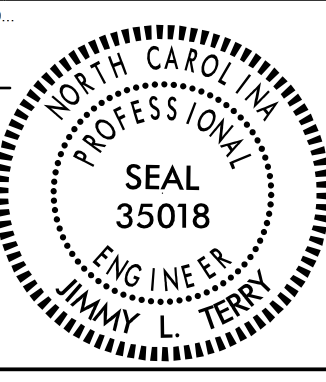
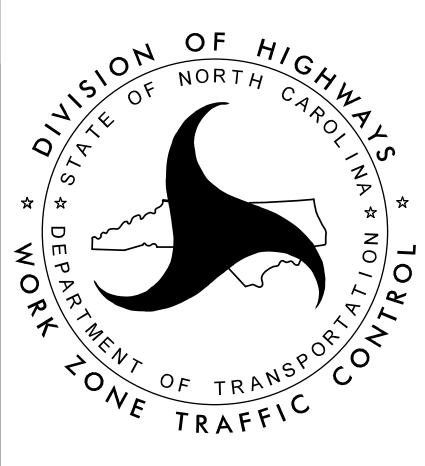
PROJ. REFERENCE NO.	SHEET NO.
U-6146/B-5857	TMP-22
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH: (704) 474-0003 CORP. LICENSE NO.: C-0275	



DRUM (90' SPACING)

NOTE: COMPLETE DRAINAGE STRUCTURES 702, 703, 717, 720, 721, 732, 733, 734, 735, 737, 738, 740, 741, 743, 744, 828, AND 833.

SEE PAVEMENT MARKING PLANS FOR PAVEMENT MARKINGS LAYOUT.

APPROVED:  DATE: 9/2/2026  DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		PHASE IV OVERVIEW
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8/24/2026
C:\NCDOT\B-5857-Cramer\ton\TrafficControl\TCP\U-6146-TC-TMP-22\PH40V.dgn
User: jcp@h