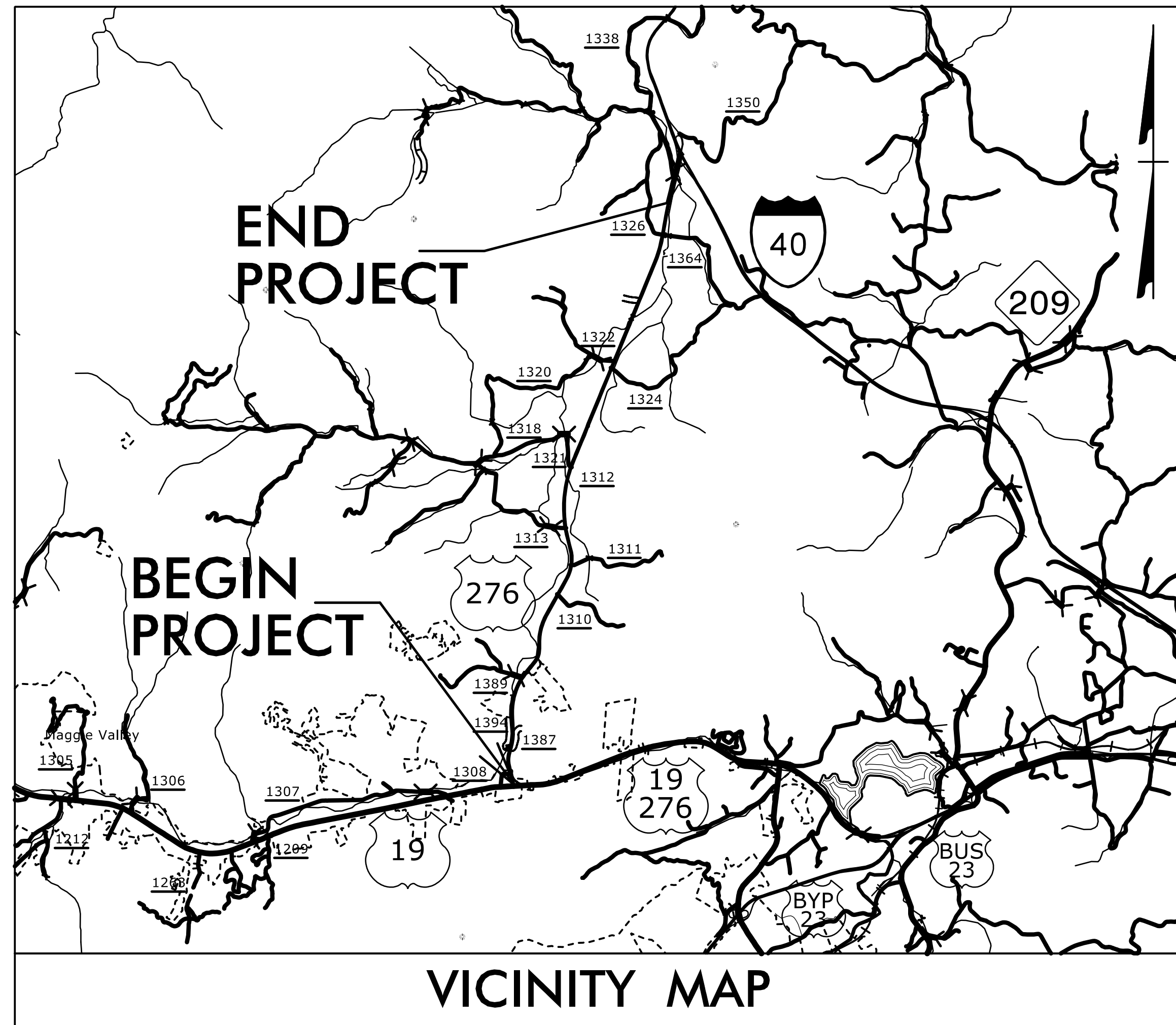
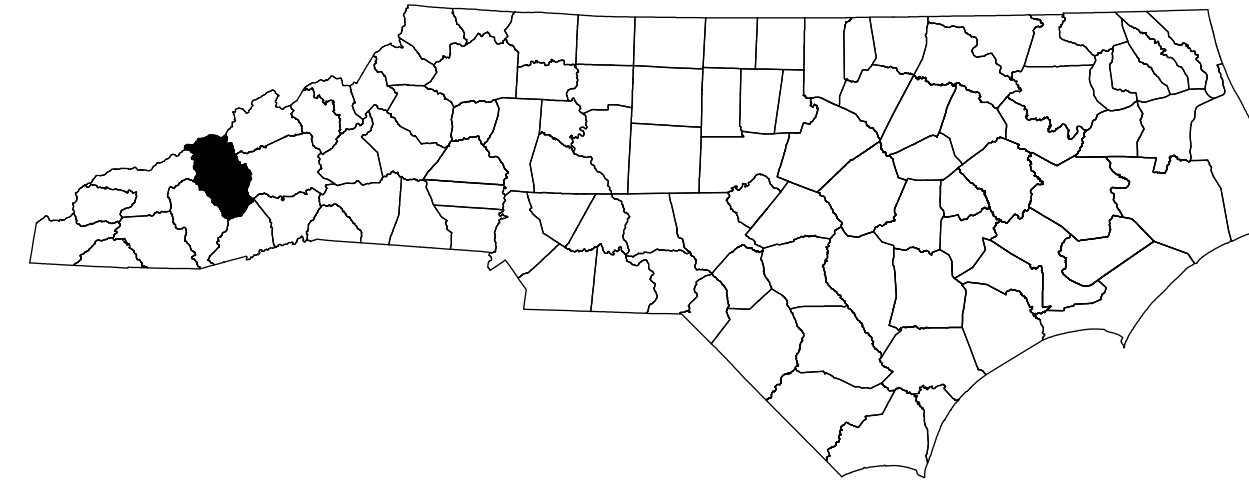


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**TRANSPORTATION MANAGEMENT PLAN**

**HAYWOOD COUNTY**

**LOCATION: US 276 (JONATHON CREEK RD) FROM US 19 TO 0.5 MI SOUTH OF I-40**



VICINITY MAP

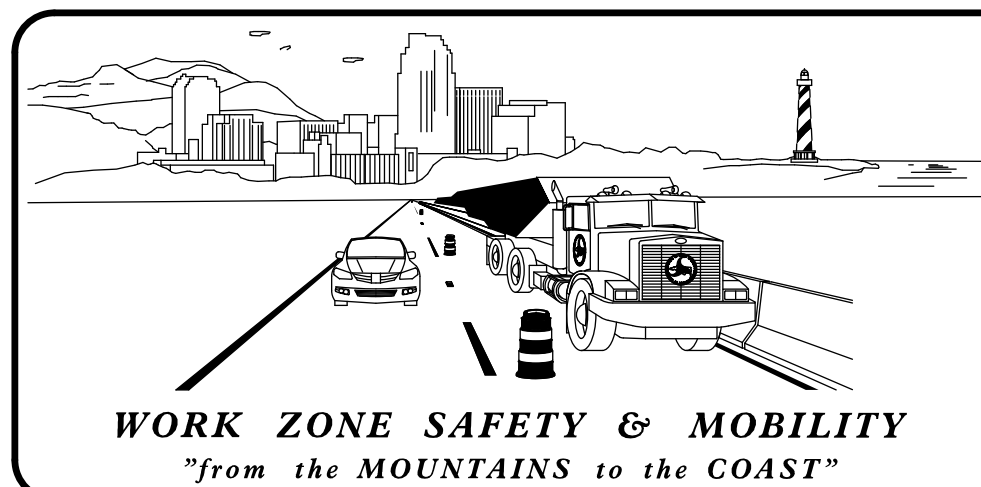
**INDEX OF SHEETS**

SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-1B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, AND LOCAL NOTES)
TMP-2	PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS
TMP-2A	TEMPORARY SHORING DATA
TMP-3 THRU TMP-3C	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4 THRU TMP-7	AREA A - TEMPORARY TRAFFIC CONTROL PHASE I DETAIL
TMP-8 THRU TMP-10	AREA A - TEMPORARY TRAFFIC CONTROL PHASE II DETAIL
TMP-11	AREA A - TEMPORARY TRAFFIC CONTROL PHASE II, STEP 4.C.1
TMP-12	AREA A - TEMPORARY TRAFFIC CONTROL PHASE II, STEP 4.C.3
TMP-13	AREA A - TEMPORARY TRAFFIC CONTROL PHASE II DETAIL
TMP-14 THRU TMP-17	AREA A - TEMPORARY TRAFFIC CONTROL PHASE III DETAIL
TMP-18 THRU TMP-18B	AREA A - TEMPORARY TRAFFIC CONTROL PHASE IV DETAIL
TMP-19 THRU TMP-23	AREA B - TEMPORARY TRAFFIC CONTROL PHASE I OVERVIEW
TMP-24 THRU TMP-28	AREA B - TEMPORARY TRAFFIC CONTROL PHASE I DETAIL
TMP-29 THRU TMP-33	AREA B - TEMPORARY TRAFFIC CONTROL PHASE II OVERVIEW

SHEET NO.  
TMP-1

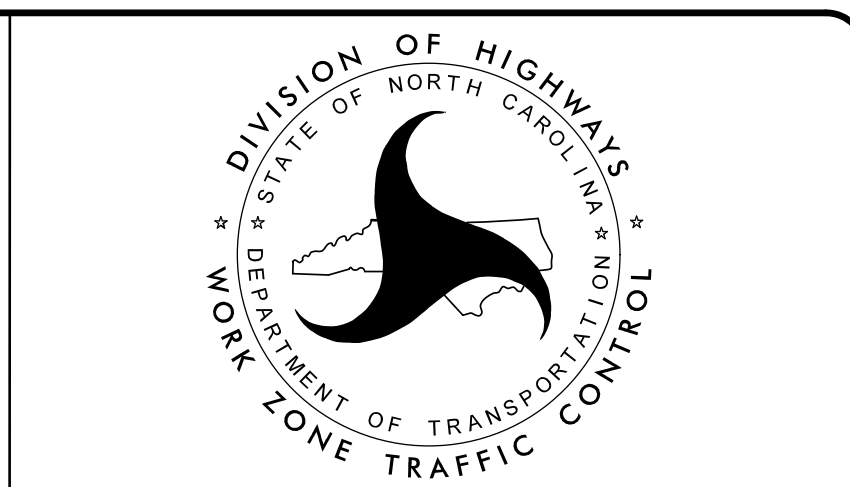
**TIP PROJECT: R-592I**

7/18/2024  
C:\Users\melvin\OneDrive\Documents\TrafficControl\TCP\R-592I\_TC\_TMP\_01.dgn  
User: smelvin



**PLANS PREPARED BY:**  
  
DON A. PARKER, PE  
PROJECT ENGINEER  
  
SANDRA MELVIN  
PROJECT DESIGN ENGINEER

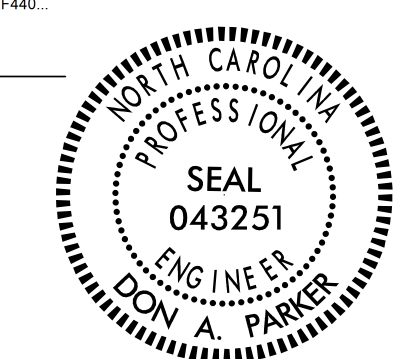
**NCDOT CONTACTS:**  
  
JEANETTE WHITE, PE  
DIVISION PROJECT TEAM LEADER



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

PLAN PREPARED FOR N.C.D.O.T. BY:  
**TGS ENGINEERS**  
201 W. MARION ST, STE 200  
SHELBY, NC 28150  
PH (704) 476-0003  
CORP. LICENSE NO.: C-0275

APPROVED: *Don A. Parker*  
DATE: 8/26/2024  
  
SEAL



# 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
1101.11	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
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.12	PAVEMENT MARKINGS - BRIDGES
1205.14	PAVEMENT MARKINGS - ROUNDABOUTS
1205.15	PAVEMENT MARKINGS - REDUCED CONFLICT INTERSECTIONS
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
1266.01	RAISED PAVEMENT MARKERS - TUBULAR MARKERS

# 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
- MILLING
- TEMPORARY PAVEMENT

## SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY
- PORTABLE

## PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

## TRAFFIC CONTROL DEVICES

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

## TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

## PAVEMENT MARKERS

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

## PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

--	--	--	--	--	--	--	--	--	--	--	--

## TEMPORARY PAVEMENT MARKING

### PAVEMENT MARKINGS

PAVEMENT MARKINGS	PAINT (4")
P1	(4") WHITE EDGELINE
P2	(4") WHITE SOLID LANE LINE
P3	(4") 10 FT. WHITE SKIP
P4	(4") 3 FT. - 9 FT./SP WHITE MINISKIP
P5	(4") 2 FT. - 6 FT./SP WHITE MINISKIP
P10	(4") YELLOW EDGELINE
P11	(4") YELLOW SINGLE CENTER
P12	(4") 10 FT. YELLOW SKIP
P13	(4") YELLOW DOUBLE CENTER
P14	(4") 2 FT. - 6 FT./SP YELLOW MINISKIP
PAINT (8")	
P40	(8") WHITE GORELINE
P41	(8") WHITE DIAGONAL
P42	(8") YELLOW DIAGONAL
P45	(8") 3 FT. - 3 FT./SP WHITE MINISKIP

### PAVEMENT MARKINGS

PAVEMENT MARKINGS	PAINT (12")
P51	(12") WHITE DIAGONAL
PAINT (24")	
P61	(24") WHITE STOPBAR
COLD APPLIED PLASTIC (4")	
C1	(4") WHITE EDGELINE (IV)
C2	(4") WHITE SOLID LANE LINE (IV)
C10	(4") YELLOW EDGELINE (IV)

### PAINT MARKING CHARACTERS

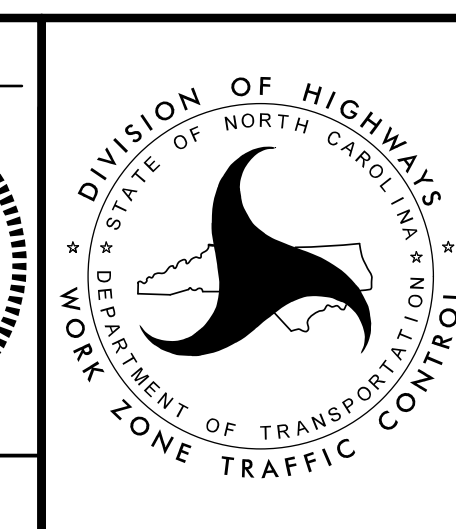
PAINT MARKING CHARACTERS	PAINT MARKING SYMBOLS
P100	ALPHANUMERIC CHAR.
P70	LEFT TURN ARROW
P71	RIGHT TURN ARROW
P72	STRAIGHT ARROW
P73	COMBO.STRAIGHT/LEFT
P77	U-TURN ARROW
P103	24" YIELD LINE TRIANGLE
P110	FISH-HOOK STRAIGHT ARROW
P112	FISH-HOOK RIGHT/STRAIGHT ARROW
P113	FISH-HOOK LEFT/RIGHT ARROW
P115	FISH-HOOK W/CIRCLE STRAIGHT ARROW
P116	FISH-HOOK W/CIRCLE LEFT ARROW
P117	FISH-HOOK W/CIRCLE LEFT/STRAIGHT ARROW

7/10/2024  
 V:\NC\2024\11-5921\Traffic\Traffic\TrafficControl\TCP\R-5921L.TC..TMP\_01A.dgn  
 User: tsmelvin

APPROVED:   
 DATE: 8/26/2024

SEAL

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



ROADWAY STANDARD  
DRAWINGS & LEGEND





# TEMPORARY SHORING DATA

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-2A

Shoring Location No. 1 (CUT SHORING):

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 12+17, 5.8 FT LT TO -L- STATION 12+72, 16.3 FT 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 12+17, 5.8 FT LT TO -L- STATION 12+72, 16.3 FT LT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS:

ABOVE ELEVATION 2748 FT  
UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF  
FRICTION ANGLE ( $\phi$ ) = 30 DEGREES  
COHESION ( $c$ ) = 0 LB/SF

ELEVATION 2748 TO ELEVATION 2739 FT  
UNIT WEIGHT ( $\gamma$ ) = 115 LB/CF  
FRICTION ANGLE ( $\phi$ ) = 26 DEGREES  
COHESION ( $c$ ) = 0 LB/SF  
GROUNDWATER ELEVATION = 2743 FT

ELEVATION 2739 TO ELEVATION 2729 FT  
UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF  
FRICTION ANGLE ( $\phi$ ) = 31 DEGREES  
COHESION ( $c$ ) = 0 LB/SF

BELOW ELEVATION 2729  
UNIT WEIGHT ( $\gamma$ ) = 135 LB/CF  
FRICTION ANGLE ( $\phi$ ) = 38 DEGREES  
COHESION ( $c$ ) = 500 LB/SF

DRIVEN PILING FOR TEMPORARY SHORING FROM -L- STATION 12+17, 5.8 FT LT TO -L- STATION 12+72, 16.3 FT LT MAY NOT PENETRATE BELOW ELEVATION 2730 FT DUE TO OBSTRUCTIONS, VERY DENSE OR HARD SOIL, BOULDERS OR WEATHERED OR HARD ROCK.

DO NOT USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM -L- STATION 12+17, 5.8 FT LT TO -L- STATION 12+72, 16.3 FT LT. CONTRACTOR DESIGNED SHORING IS REQUIRED. SEE TEMPORARY SHORING SPECIAL PROVISION.

DO NOT USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM -L- STATION 12+17, 5.8 FT LT TO -L- STATION 12+72, 16.3 FT LT.

Shoring Location No. 2 (FILL SHORING):

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

TEMPORARY SHORING IS REQUIRED FOR THE PIPE INSTALLATION FROM -L- STATION 12+24, 4.5 FT LT TO -L- STATION 12+78, 3.7 FT RT.

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 12+24, 4.5 FT LT TO -L- STATION 12+78, 3.7 FT RT, FOR THE FOLLOWING ASSUMED SOIL PARAMETERS:

ABOVE ELEVATION 2748 FT  
UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF  
FRICTION ANGLE ( $\phi$ ) = 30 DEGREES  
COHESION ( $c$ ) = 0 LB/SF

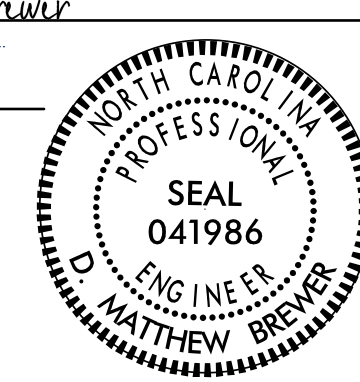

ELEVATION 2748 TO ELEVATION 2739 FT  
UNIT WEIGHT ( $\gamma$ ) = 115 LB/CF  
FRICTION ANGLE ( $\phi$ ) = 26 DEGREES  
COHESION ( $c$ ) = 0 LB/SF  
GROUNDWATER ELEVATION = 2743 FT

ELEVATION 2739 TO ELEVATION 2729 FT  
UNIT WEIGHT ( $\gamma$ ) = 120 LB/CF  
FRICTION ANGLE ( $\phi$ ) = 31 DEGREES  
COHESION ( $c$ ) = 0 LB/SF

BELOW ELEVATION 2729  
UNIT WEIGHT ( $\gamma$ ) = 135 LB/CF  
FRICTION ANGLE ( $\phi$ ) = 38 DEGREES  
COHESION ( $c$ ) = 500 LB/SF

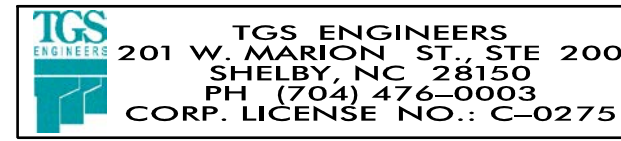
AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STATION 12+24, 4.5 FT LT TO -L- STATION 12+78, 3.7 FT RT. SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

7/16/2024  
V:\NC\CF\1211\Traffic\TrafficControl\TCP\R-5921\TC-TMP\_02A\TEMP\_SHORING\_DATA.dgn  
User: jsmelvin

APPROVED: <u>Matthew Brewer</u> <small>38812900A0C1482</small> DATE: 8/26/2024	SEAL 		<b>TEMPORARY SHORING DATA</b>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			

# PHASING

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-3



CONSTRUCTION OF PROJECT R-5921 WILL OCCUR IN TWO SEPARATE AREAS.

AREA A INCLUDES THE CONSTRUCTION OF US 19 (Y), THE NEW ROUNDABOUT, AND US 276 (-L-) TO -L- STA 43+70+/-, INCLUDING ALL ADJACENT SIDE STREETS.

AREA B INCLUDES THE REMAINING SECTION OF US 276 (-L-) AND ALL ADJACENT SIDE STREETS.

THE CONTRACTOR MAY SELECT TO WORK CONSECUTIVE OR CONCURRENTLY IN BOTH SECTIONS UNTIL THE PLACEMENT OF THE FINAL LAYER OF THE SURFACE COURSE AND FINAL PAVEMENT MARKINGS.

**NOTES:**

1. UNLESS OTHERWISE NOTED, MAINTAIN ACCESS TO ALL DRIVES AND SIDE STREETS AT ALL TIMES IN THE PROJECT AREA.
2. UNLESS OTHERWISE NOTED, MAINTAIN THE EXISTING TRAFFIC PATTERN OF US 276 AND ALL APPLICABLE STREETS IN THE PROJECT AREA AT ALL TIMES WHILE FLAGGERS ARE NOT AT WORK.
3. WHEN WEDGING OVER EXISTING PAVEMENT, WEDGE TO THE PROPOSED ELEVATION LESS THE FINAL LAYER OF SURFACE COURSE OR WEDGE AS NEEDED TO MAINTAIN TRAFFIC AS DIRECTED BY THE ENGINEER.
4. USE ADA COMPLIANT PEDESTRIAN BARRICADES TO KEEP PROPOSED SIDEWALK CLOSED UNTIL CONNECTIVITY IS ACHIEVED.
5. THE CONTRACTOR MAY SUBSTITUTE SKINNY DRUMS FOR DRUMS IF NECESSARY.
6. PRIOR TO STARTING ANY WORK INSTALL ADVANCED WORK ZONE WARNING SIGNS ON ALL ALIGNMENTS PER NCDOT RSD 1101.01, SHEETS 2 AND 3 OF 3.
7. FOR TEMPORARY LANE CLOSURES, SEE NCDOT RSD 1101.02 AND LOCAL NOTE NO. 1 ON TMP-1B.

## AREA A

### PHASE I (TMP-4 THRU TMP-7)

**STEP 1**

USING LANE CLOSURES, CONTRACTOR MAY BEGIN CLEARING, GRADING, AND DRAINAGE INSTALLATION THROUGHOUT THE LIMITS OF AREA A.  
 INSTALL TEMPORARY SIGNAL AND COVER HEADS. (SEE SIGNAL PLANS)  
 INSTALL AND COVER PROPOSED STATIONARY SIGNING FOR TEMPORARY PATTERN (SEE TMP-4 AND 5).

COMPLETE THE WORK OF PHASE I, STEPS 2 THRU 6 BETWEEN MARCH 15 AND THE FOLLOWING SEPTEMBER 15. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES

**STEP 2**

USE LANE CLOSURES, MILL EXISTING US 19 FROM -Y- STA. 10+00± TO STA.26+00± AND INSTALL A UNIFORM 1 1/2" ASPHALT OVERLAY IN A MANNER THAT COMPLETELY CONCEALS ALL EXISTING PAVEMENT MARKINGS NOT USED FOR THE TEMPORARY PHASE I TRAFFIC PATTERN INCLUDING ANY EXISTING MARKINGS WITHIN 6 FT OF ANY PAVEMENT MARKINGS REQUIRED FOR THE TEMPORARY PHASE I PATTERN. INSTALL THE TEMPORARY US 19 PATTERN DETAILED ON SHEETS TMP-4 AND 5.

USING LANE CLOSURES, CONSTRUCT TEMPORARY PAVEMENT AS FOLLOWS: -Y- STA. 17+00± TO -L- STA. 10+45± (TMP-4)

UNCOVER PROPOSED SIGNING, ACTIVATE SIGNAL, AND OPEN US 19 TO THE TEMPORARY PATTERN DETAILED ON SHEETS TMP-4 AND 5.

NOTE: STEP 3 THRU 5 MAY BE PERFORMED CONCURRENTLY

**STEP 3**

AWAY FROM TRAFFIC AND USING LANE CLOSURES AS NEEDED, CONSTRUCT PROPOSED ROUNDABOUT -Y- STA. 11+07+/- TO STA. 22+28+/- INCLUDING DRAINAGE AND A PORTION OF THE PROPOSED TRUCK APRON, UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. WEDGE AS NECESSARY TO TIE TO EXISTING PAVEMENT (SEE TMP-6).  
 INSTALL AS MUCH OF THE PHASE II ROUNDABOUT PATTERN AS POSSIBLE WITHOUT INTERFERING WITH PHASE I PATTERN.

COMPLETE THE WORK OF PHASE I, STEP 4 IN 72 CONSECUTIVE HOURS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

**STEP 4**

USE TYPE III BARRICADES TO CLOSE THE HOTEL DRIVE LEFT OF -L- STA. 12+50+/-, CONSTRUCT 42" RCP, BACKFILL, PAVE, AND RE-OPEN HOTEL DRIVE TO TRAFFIC.

**STEP 5**

USING LANE CLOSURES, CONSTRUCT TEMPORARY PAVEMENT IN THE FOLLOWING LOCATIONS (SEE TMP-6 AND 7):

- L- STA. 10+98 +/- TO STA. 12+73 +/- (CLOSE U-TURN AND LEFT TURN FROM US 19 EB DURING THIS OPERATION)
- L- STA. 15+14± TO STA. 26+23 +/-
- L- STA. 28+31 +/- TO STA. 42+77 +/-

- DET1-
- DET2-

REMOVE EXISTING CONCRETE ISLAND AT THE HALL RD./RUSSELL COVE RD. INTERSECTION.  
 INSTALL TEMPORARY SIGNAL AT HALL DR. COVER SIGNAL HEADS.

**STEP 6**

INSTALL LEFT LANE CLOSURE ON US 276 SB. USING SLOW MOVING OPERATION (RSD 1101.02, SHEET 15) AND WORKING IN A CONTINUOUS MANNER, REMOVE EXISTING SB SKIP LINE AND INSTALL PHASE II MARKINGS AND TUBULAR MARKERS.

TURN OFF SIGNAL AND USE LAW ENFORCEMENT TO DIRECT TRAFFIC.

USING LANE CLOSURES ON US 19, REMOVE AND REPLACE EXISTING MARKINGS AS NECESSARY AND SHIFT TRAFFIC TO THE PHASE II PATTERN.

ACTIVATE TEMPORARY SIGNAL AT HALL DR.

### PHASE II (TMP-8 THRU TMP-13)

**STEP 1**

USING LANE CLOSURES INSTALL PROPOSED DRAINAGE STRUCTURE 506 THRU 523.

USING LANE CLOSURES, WEDGE EXISTING US 19 AND ROUNDABOUT UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE OVER MULTIPLE WORK PERIODS. SLOPE WEDGING AT A RATE OF 100:1 LONGITUDINALLY TO TIE TO EXISTING PAVEMENT AND REPLACE PAVEMENT MARKINGS AT THE END OF EACH WORK PERIOD PRIOR TO RE-OPENING THE LANE TO TRAFFIC.

IF UNABLE TO BRING THE ADJACENT LANE TO THE SAME ELEVATION PRIOR TO THE END OF THE WORK PERIOD, MITIGATE AS FOLLOWS:

- A. FOR INTERMEDIATE AND BASE COURSE MIXES, USE AN APPROVED WEDGE DEVICE THAT SHAPES THE EDGE WITH A MAXIMUM SLOPE STEEPNESS OF 2:1. THE MAXIMUM PAVING LIFT ALLOWED TO USE THIS METHOD IS 3 INCHES.
- B. ANY PAVING LIFT GREATER THAN 2" FOR ASPHALT SURFACE COURSE MIXES SHALL BE MITIGATED BY HAVING AN APPROVED WEDGE APPARATUS ON THE PAVER THAT SHAPES THE EDGE 1 INCH VERTICALLY AND THE REMAINING AT A MAXIMUM SLOPE STEEPNESS OF 2:1.
- C. AT THE END OF EACH WORKDAY, PLACE PORTABLE 48 IN. X 48 IN. "UNEVEN PAVEMENT" SIGNS (W8-11) 350 FT. IN ADVANCE OF THE UNEVEN PAVEMENT. IN THE NEXT DAY'S PAVING OPERATION AND NOT TO EXCEED 72 HOURS, BRING UP THE ADJACENT LANE TO THE SAME STATION AND ELEVATION.
- D. REPEAT UNTIL WEDGING IS AT THE REQUIRED ELEVATION.

COMPLETE THE WORK OF PHASE II, STEP 2 BETWEEN SATURDAY AND THE SECOND SUNDAY (9 CONSECUTIVE CALENDAR DAYS). SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES

**STEP 2**

USE RSD 1101.02, SHEET 2 AND TMP-10 TO CLOSE THE RIGHT LANE OF US 19 EB.

COMPLETE DRAINAGE STR. 401 AND CONSTRUCT CURB AND GUTTER FROM -Y- STA. 10+00 +/- TO STA. 26+00 +/-.

RE-OPEN RIGHT LANE TO TRAFFIC

COMPLETE THE WORK OF PHASE II, STEP 3 BETWEEN SATURDAY AND THE SECOND SUNDAY. (9 CONSECUTIVE CALENDAR DAYS) SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES

**STEP 3**

USE RSD 1101.02, SHEET 2 AND TMP-10 TO CLOSE THE LEFT LANE OF BOTH DIRECTIONS OF US 19

COMPLETE TRUCK APRON

RE-OPEN LEFT LANES TO TRAFFIC

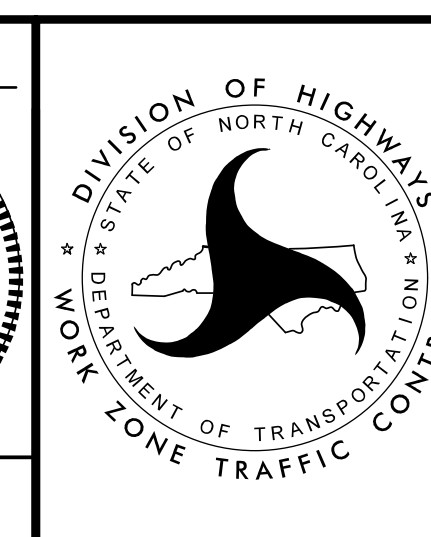
NOTE: STEPS 4 THRU 6 MAY BE CONSTRUCTED CONCURRENTLY.

**STEP 4**

INSTALL CROSS PIPES AS FOLLOWS UNLESS DIRECTED OTHERWISE BY THE ENGINEER:

- A. 72"RCP -L- STA. 12+50 +/- (TMP-8)
1. USING FLAGGERS, INSTALL ANCHORED PORTABLE CONCRETE BARRIER FROM -L- STA. 11+40± TO STA 13+65±,
  2. BEHIND PCB INSTALL TEMPORARY SHORING 1 AND 2 AND CONSTRUCT STAGE I 72"RCP. COMPLETE DRAINAGE STRUCTURES 422 AND 423.


APPROVED: <i>Don A. Parker</i> <small>75089890ADEF440...</small> DATE: 8/26/2024	
SEAL	
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>	



**TEMPORARY TRAFFIC CONTROL PHASING**

7/16/2024 1:00:01 PM R-5921 Traffic Control TCP R-5921 TC-TMP\_03(Phasing).dgn User: jsmelvin

# PHASING.

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-3A
 TGS ENGINEERS 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

## STEP 4 (CONT)

B. 42"RCP -L- STA. 20+50+/- (TMP-11)

1. AWAY FROM TRAFFIC, CONSTRUCT STAGE I 42"RCP AND DRAINAGE STRUCTURES 602 THRU 608

C. 36"RCP AT -L- STA. 25+50 +/- (TMP-11 AND 12)

1. INSTALL TRAFFIC CONTROL DEVICES AS DETAILED ON SHEET TMP-11 TO DELINEATE 1-LANE 2-WAY LOCAL ACCESS USING THE INSIDE LANE OF EXIST. US 276 NB TO CLEARVIEW DR.

2. AWAY FROM TRAFFIC AND USING FLAGGERS AS NEEDED, CONSTRUCT STAGE I 36"RCP AND DRAINAGE STRUCTURES 611, 614, 615, 625, 618, 619, 620, AND 701.

3. ADJUST TRAFFIC CONTROL DEVICES AS DETAILED ON TMP-12 TO DELINEATE 1-LANE 2-WAY LOCAL ACCESS USING THE OUTSIDE LANE OF EXIST. US 276 NB TO CLEARVIEW DR.

4. AWAY FROM TRAFFIC AND USING FLAGGERS AS NEEDED, CONSTRUCT STAGE II 36"RCP AND DRAINAGE STRUCTURE 702

## STEP 5

AWAY FROM TRAFFIC OR USING LANE CLOSURES AS NEEDED, INSTALL GRAVITY SEWER AND PROPOSED WATERLINE (SEE UC SHEETS 4-6)

## STEP 6

AWAY FROM TRAFFIC, CONSTRUCT -L- NORTHBOUND INCLUDING PROPOSED DRAINAGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 11+56+/- TO STA. 43+70 +/- (SEE TMP-8, 11-13)

USING FLAGGERS, CONSTRUCT TEMPORARY DRIVEWAY AT -L- STA. 21+65 +/- (SEE TMP-11)

INSTALL TEMP. PHASE III SIGNAL AT HALL DR. (COVER SIGNAL HEADS)

## STEP 7

AWAY FROM TRAFFIC, INSTALL TEMPORARY PAVEMENT MARKINGS, TUBULAR MARKERS, AND STATIONARY SIGNING FOR TEMPORARY PHASE III TRAFFIC PATTERN (SEE TMP-14-17).

## PHASE III (TMP-14 THRU TMP-17)

COMPLETE THE WORK OF PHASE III, STEP 1 AND 2 IN 45 CONSECUTIVE CALENDAR DAYS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES

## STEP 1

SHIFT TRAFFIC TO THE PHASE III PATTERN AS FOLLOWS:

A. CLOSE DRIVEWAY TO HOTEL AT -L- STA. 12+50 +/- (TMP-14)  
CLOSE TEAGUES LOOP AT -L- STA. 15+50 +/- (TMP-17)

B. USING ROLLING ROAD BLOCK AND SHORT DURATION STOPPAGE, ADJUST TRAFFIC CONTROL DEVICES AND SHIFT NORTHBOUND TRAFFIC INTO THE PHASE III PATTERN. SB TRAFFIC REMAINS IN THE PHASE II PATTERN.

C. INSTALL PCB AND CRASH CUSHIONS IN THE FOLLOWING LOCATIONS:  
-L- STA. 11+80± TO STA. 13+30± (TMP-14)  
-L- STA. 23+05± TO STA. 25+90± (TMP-14 AND 15)

D. USING ROLLING ROAD BLOCK AND SHORT DURATION STOPPAGE, ADJUST TRAFFIC CONTROL DEVICES AND SHIFT SOUTHBOUND TRAFFIC INTO THE PHASE III PATTERN. ACTIVATE TEMP. PHASE III SIGNAL AT HALL DR.

## STEP 2

BEHIND PCB, COMPLETE 72"RCP AT -L- STA. 12+50 +/- AND COMPLETE DRAINAGE STRUCTURE 424. (TMP-14)

USING ROLLING ROAD BLOCK AND SHORT DURATION STOPPAGE OF US 276 SB, REMOVE PCB AND RE-OPEN HOTEL DRIVEWAY TO RIGHT IN RIGHT OUT OPERATION. (SEE INSET A, TMP-14)

## STEP 3

AWAY FROM TRAFFIC, CONSTRUCT -L- SOUTHBOUND INCLUDING PROPOSED DRAINAGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM -L- STA. 11+40+/- TO STA. 43+70 +/- AND PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN (SEE FINAL PMP)(SEE TMP-14-17)

NOTE: MAINTAIN ACCESS TO PRIVATE DRIVE LEFT OF -L- STA. 19+20 +/- VIA TEAGUES LOOP DURING CONSTRUCTION OF -L- SOUTHBOUND BETWEEN -L- STA. 15+29+/- AND STA. 19+31 +/- (SEE TMP-17)

NOTE: ALTERNATE CONSTRUCTION OF LOOP DRIVE LEFT OF -L- STA. 22+00 AS SHOWN ON TMP-14

## PHASE IV (TMP-18 THRU TMP-18B)

### STEP 1

REMOVE THE TEMPORARY SIGNAL AT HALL DR.

CLOSE HOTEL DRIVE AT -L- STA. 12+50±

INSTALL LEFT LANE CLOSURE OF PROPOSED SOUTHBOUND BETWEEN -L- STA. 40+90± AND THE ROUNDABOUT.

USING A SLOW MOVING OPERATION (RSD 1101.02, SHEET 15), REMOVE EDGE AND RIGHT LANE CLOSURE AT -L- STA. 59+40± AND SHIFT US 276 SOUTHBOUND TRAFFIC FROM THE CROSSOVER TO PHASE IV TRAFFIC PATTERN DETAILED ON TMP-18 INCLUDING REMOVABLE TAPE MARKINGS AT HALL DR.

RE-OPEN HOTEL DRIVE TO RIGHT IN RIGHT OUT ONLY.

MAINTAIN NORTHBOUND TRAFFIC IN OUTSIDE NB LANE.

### STEP 2 (TMP-18)

AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING:

REMOVE TEMPORARY MEDIAN PAVEMENT AND CONSTRUCT CONCRETE ISLAND AND CURBS FROM -L- STA 10+90± TO -L- STA. 13+60±.

CONSTRUCT CONCRETE ISLANDS FROM -L- STA. 20+00± TO -L- STA. 26+40±, AND -L- STA. 27+33± TO -L- STA. 32+30±.

### STEP 3

USING SLOW MOVING OPERATION (RSD 1101.02, SHEET 14) REMOVE TUBULAR MARKERS AND INSTALL TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN ON THE NB SIDE (SEE FINAL PMP). PLACE NB TRAFFIC IN THE OUTSIDE LANE AT THE END OF EACH PERIOD.

COMPLETE THE WORK OF PHASE IV, STEP 4 BETWEEN SATURDAY AND THE FOLLOWING SUNDAY. (2 CONSECUTIVE CALENDAR DAYS). SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

### STEP 4 (TMP-18A)

USE TYPE III BARRICADES AND DRUMS TO CLOSE ACCESS ACROSS THE MEDIAN TO BOTH HALL RD. AND RUSSELL COVE RD.

NOTE: US 276 NB TO HALL RD., U-TURN AT FOX RUN RD  
US 276 SB TO RUSSELL COVE RD., USE ROUNDABOUT  
HALL RD. TO US 276 NB, USE ROUNDABOUT  
RUSSELL COVE RD. TO US 276 SB, U-TURN AT FOX RUN RD.

CONSTRUCT MONOLITHIC CONCRETE ISLAND FROM -L- STA. 25+73+/- TO STA. 28+08 +/-.(TMP-18A)

RE-OPEN MEDIAN ACCESS TO HALL RD. AND RUSSELL COVE RD.

COMPLETE THE WORK OF PHASE IV, STEP 5 BETWEEN BETWEEN SATURDAY AND THE SECOND SUNDAY. (9 CONSECUTIVE CALENDAR DAYS). SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

### STEP 5 (TMP-18B)

CLOSE THE LEFT LANE OF US 19 EASTBOUND, US 19 WESTBOUND, AND US 276 SOUTHBOUND. (SEE RSD 1101.02, SHEET 3 AND TMP-18B)

CONSTRUCT MONOLITHIC CONCRETE ISLAND FROM -Y- STA. 13+00 +/- TO STA. 14+50 +/-, AND FROM -Y- STA. 20+00 +/- TO STA. 22+71 +/- . COMPLETE DRAINAGE STRUCTURES 402, 403, 429, AND 500.

RE-OPEN LEFT LANE TO TRAFFIC.

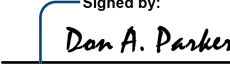
### STEP 6:

COMPLETE SIDEWALK CONSTRUCTION AND OPEN TO PEDESTRIAN TRAFFIC

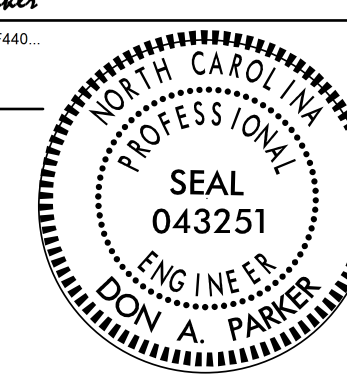
USING LANE CLOSURES, PLACE THE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS.

### STEP 7:

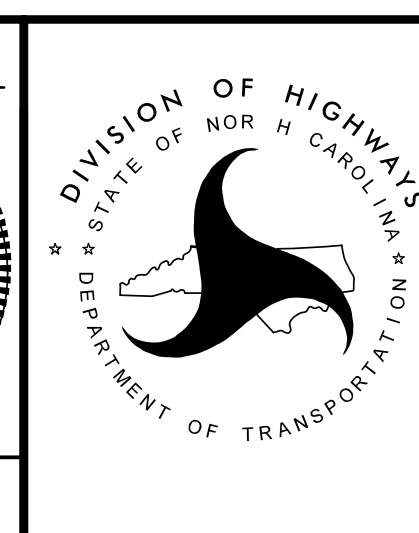
REMOVE ALL TRAFFIC CONTROL DEVICES

APPROVED:   
 DATE: 8/26/2024

SEAL




DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



TEMPORARY TRAFFIC CONTROL PHASING

7/16/2024 11:00:01 AM R:\5921\Traffic\TrafficControl\TCP\R-5921L\_TC\_TMP\_03(Phasing).dgn User: jsmelvin

# PHASING.

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-3B
 TGS ENGINEERS 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

## AREA B

### PHASE I (TMP-19 THRU TMP-28)

#### STEP 1:

CONSTRUCT CROSS PIPES AND DRAINAGE STRUCTURES AT -L- STA. 271+50 +/- AND STA. 281+50 +/- AS FOLLOWS:

- A. USING LANE CLOSURES (RSD 1101.02, SHEET 3) CONSTRUCT -DET3-, -DET4-, -DET5- AND -DET6- (SEE TMP-24)
- B. SHIFT TRAFFIC INTO THE PATTERN DETAILED ON SHEETS TMP-25 AND 26.

NOTE: CONTRACTOR MAY PERFORM STEP 1C AND STEP 1D IN THE ORDER OF THEIR CHOOSING

COMPLETE THE WORK OF PHASE I, STEP 1C BETWEEN TUESDAY AND THE FOLLOWING THURSDAY (3 CONSECUTIVE CALENDAR DAYS). SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

NOTE: NOTIFY THE ENGINEER IN WRITING 30 DAYS IN ADVANCE OF THE PLANNED 3 DAY CLOSURE OF THE HAYWOOD COUNTY SOLID WASTE FACILITY.

7 DAYS PRIOR TO THE CLOSURE, INSTALL CMS ON BOTH DIRECTIONS OF US 276 WITH THE FOLLOWING MESSAGE:

MESSAGE 1: MESSAGE 2:  
 WASTE WASTE  
 CTR. TO MM/DD  
 THRU  
 CLOSE MM/DD

DURING THE CLOSURE, REVISE MESSAGING AS FOLLOWS:

MESSAGE 1: MESSAGE 2:  
 WASTE RE-OPENS  
 CENTER FRIDAY  
 CLOSED 7:00 AM

- C. USE TYPE III BARRICADES AND DRUMS TO CLOSE ACCESS TO THE HAYWOOD COUNTY SOLID WASTE FACILITY. (NOTE: THE FACILITY WILL BE CLOSED TO THE PUBLIC TUESDAY, WEDNESDAY, AND THURSDAY)

INSTALL DRAINAGE STRUCTURE 2502 AND STAGE I 48"RCP AT -L- STA. 281+50 +/-.

BACK FILL AND RE-OPEN ACCESS. REMOVE CMS.

- D. CONSTRUCT DRAINAGE STRUCTURE 2406 AND STAGE I 24" RCP AT -L- STA. 271+50 +/-
- E. INSTALL AS MUCH OF THE TEMPORARY PATTERN AS POSSIBLE AS DETAILED ON TMP-27 AND 28.
- F. SHIFT TRAFFIC TO THE PATTERN DETAILED ON SHEETS TMP-27 AND 28
- G. AWAY FROM TRAFFIC, COMPLETE CROSS PIPES AND DRAINAGE STRUCTURES AT -L- STA 271+00 +/- AND STA. 281+50 +/-.
- H. USING LANE CLOSURES REMOVE AND REPLACE PAVEMENT MARKINGS AND RETURN TRAFFIC TO DIVIDED PATTERN.

NOTE: STEPS 2 THRU 4 MAY BE PERFORMED CONCURRENTLY

#### STEP 2:

USING TEMPORARY LANE CLOSURES AND FLAGGERS IN ACCORDANCE TO NCDOT RSD 1101.02, SHEET 3 OF 19, CONSTRUCT PROPOSED DRAINAGE, US 276 PAVED SHOULDERS, NEW TURN LANES, NEW U-TURNS. AND VARIOUS INTERSECTION UPGRADES UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND REPAVE THE BRIDGES OVER JONATHON CREEK AS FOLLOWS:

CONSTRUCT THE OUTSIDE AND INSIDE SHOULDERS:

-L- STA 43+70+/- TO -L- STA. 292+30 AS SHOWN ON PLAN. (TMP-19 THRU TMP-23).

NOTE: ONCE EXISTING GUARDRAIL IS REMOVED FROM THE OUTSIDE SHOULDER AT THESE LOCATIONS, KEEP THE RIGHT LANE CLOSED AND WORK IN A CONTINUOUS MANNER TO CONSTRUCT PAVED AND GRADED SHOULDERS UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND INSTALL PROPOSED GUARDRAIL AND END UNITS. AREA B LANE CLOSURE RESTRICTIONS DO NOT APPLY TO THESE OPERATIONS.

CONSTRUCT MEDIAN LEFT TURN AND U-TURN LANES AS FOLLOWS:

- L- STA. 52+50+/- TO -L- STA. 59+79+/-, RT (TMP-19)
- L- STA. 60+35+/- TO -L- STA. 67+00+/-, LT (TMP-19)
- L- STA. 73+00+/- TO -L- STA. 79+81+/-, RT (TMP-19)
- L- STA. 80+34+/- TO -L- STA. 87+50+/-, LT (TMP-19)
- L- STA. 96+00+/- TO -L- STA. 102+20+/-, RT (TMP-19 & TMP-20)
- L- STA. 103+31+/- TO -L- STA. 110+00+/-, LT (TMP-20)
- L- STA. 110+50+/- TO -L- STA. 117+22+/-, RT (TMP-20)
- L- STA. 117+76+/- TO -L- STA. 125+00+/-, LT (TMP-20)
- L- STA. 127+50+/- TO -L- STA. 134+46+/-, RT (TMP-20)
- L- STA. 134+94+/- TO -L- STA. 142+00+/-, LT (TMP-20)
- L- STA. 141+50+/- TO -L- STA. 146+70+/-, RT (TMP-20)

- L- STA. 193+50+/- TO -L- STA. 200+76+/-, RT (TMP-21)
- L- STA. 201+22+/- TO -L- STA. 208+00+/-, LT (TMP-21)
- L- STA. 208+00+/- TO -L- STA. 215+07+/-, RT (TMP-21 & TMP-22)
- L- STA. 211+40+/- TO -L- STA. 215+07+/-, LT (TMP-22)
- L- STA. 215+56+/- TO -L- STA. 222+00+/-, LT (TMP-22)
- L- STA. 222+75+/- TO -L- STA. 230+75+/-, LT (TMP-22)
- L- STA. 270+00+/- TO -L- STA. 276+78+/-, RT (TMP-23)
- L- STA. 277+40+/- TO -L- STA. 285+00+/-, LT (TMP-23)
- L- STA. 283+00+/- TO -L- STA. 286+57+/-, RT (TMP-23)
- L- STA. 288+00+/- TO -L- STA. 292+30+/-, RT (TMP-23)

CONSTRUCT U-TURN BULBS AS FOLLOWS:

- L- STA. 134+51+/- TO -L- STA. 136+79+/-, RT (TMP-20)
- L- STA. 183+96+/- TO -L- STA. 186+26+/-, LT (TMP-21)
- L- STA. 186+42+/- TO -L- STA. 189+13+/-, RT (TMP-21)
- L- STA. 224+13+/- TO -L- STA. 226+72+/-, RT (TMP-22)
- L- STA. 243+00+/- TO -L- STA. 245+30+/-, LT (TMP-22)

CONSTRUCT RIGHT TURN LANES AS FOLLOWS:

- L- STA. 163+76+/- TO -L- STA. 169+00+/-, LT (TMP-21)
- L- STA. 208+00+/- TO -L- STA. 211+19+/-, RT (TMP-21 & TMP-22)
- L- STA. 215+63+/- TO -L- STA. 218+25+/-, LT (TMP-22)
- L- STA. 273+50+/- TO -L- STA. 276+63+/-, RT (TMP-23)
- L- STA. 277+94+/- TO -L- STA. 284+50+/-, LT (TMP-23)

MILL US 276 FROM -L- STA 291+55+/- -L- STA 292+30+/- (TMP-23)

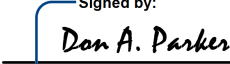
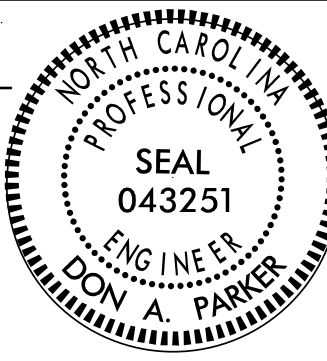
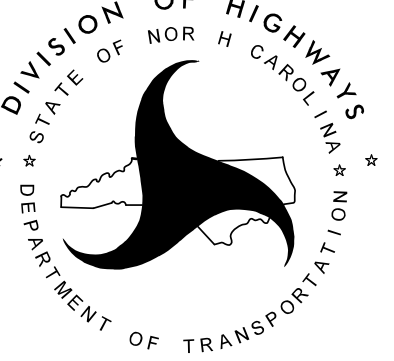
PROVIDE TIE-INS TO ALL DRIVEWAYS AND SIDESTREET AS SHOWN ON THE PLAN.

#### STEP 3:

USING LANE CLOSURES (RSD 1101.02, SHEET 3) MILL AND RE-PAVE EXISTING BRIDGE OVER JONATHON CREEK UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS:

- L- NB STA. 234+70 +/- TO STA. 238+90 +/- (NB)
- L- SB STA. 234+00 +/- TO STA. 238+20 +/- (SB)


7/16/2024 11:59:21 AM \\P-5921\Traffic\TrafficControl\TCP\IR-5921L.TC-TMP\_03(Phasing).dgn User: jsmelvin

APPROVED:  DATE: 8/26/2024			<b>TEMPORARY TRAFFIC CONTROL PHASING</b>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			



# PHASE II (TMP-29 THRU TMP-33)

## PHASING.

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-3C
 <b>TGS ENGINEERS</b> 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

### STEP 1:

USING LANE CLOSURES, INSTALL TEMPORARY PAINT PAVEMENT MARKINGS IN THE FINAL PATTERN (SEE FINAL PAVEMENT MARKING PLAN)

### STEP 2:

NOTE: CONSTRUCT MEDIAN ISLANDS AND TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREA IS CLOSED TO TRAFFIC AS DIRECTED BY THE ENGINEER.

KEY IN MONOLITHIC ISLANDS AT THE FOLLOWING LOCATIONS:

- L- STA. 145+82 +/- TO STA. 146+06 +/- (TMP-30)
- L- STA. 145+52 +/- TO STA. 146+70 +/- (TMP-30)
- L- STA. 162+15 +/- TO STA. 164+31 +/- (TMP-31)
- L- STA. 185+32 +/- TO STA. 187+38 +/- (TMP-31)
- L- STA. 186+90 +/- TO STA. 187+14 +/- (TMP-31)
- L- STA. 211+40 +/- TO STA. 212+38 +/- AND COMPLETE STR 2004 (TMP-32)
- L- STA. 212+10 +/- TO STA. 214+95 +/- AND COMPLETE STR 2008, 2009 AND 2010 (TMP-32)
- L- STA. 224+00 +/- TO STA. 224+98 +/- (TMP-32)
- L- STA. 224+52 +/- TO STA. 224+78 +/- (TMP-32)
- L- STA. 244+48 +/- TO STA. 244+73 +/- (TMP-32)
- L- STA. 244+00 +/- TO STA. 246+06 +/- AND COMPLETE STR 2201 AND 2300 (TMP-32)
- L- STA. 260+20 +/- TO STA. 262+26 +/- AND COMPLETE STR 2402 (TMP-33)
- L- STA. 290+00 +/- TO STA. 292+26 +/- (TMP-33)

AT EACH LOCATION, CLOSE BOTH INSIDE TRAVEL LANES USING RSD 1101.02, SHEET 3. PROVIDE ACCESS ACROSS THE MEDIAN AT ADJACENT INTERSECTION OR BULB OUTS (SEE TMP-30 THRU 33)

USE FLAGGERS (RSD 1101.02, SHEET 1) FOR -Y- LINE SPLITTER ISLAND CONSTRUCTION

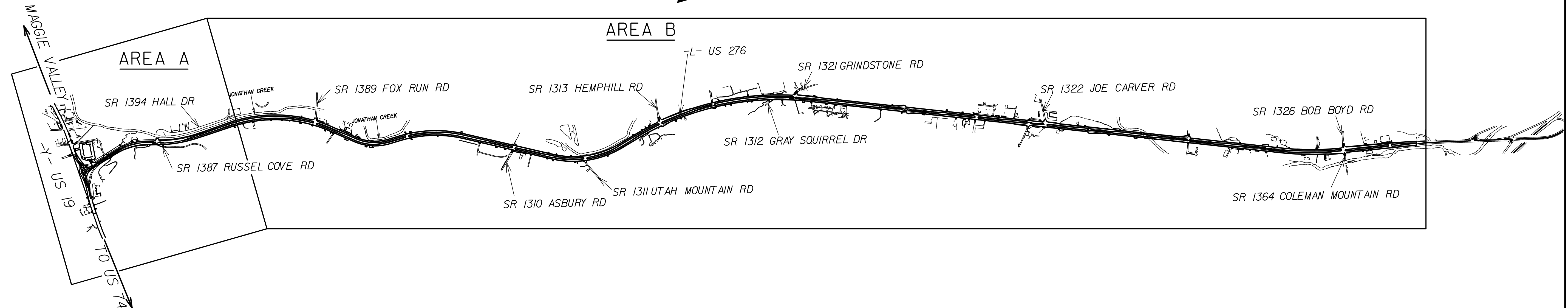
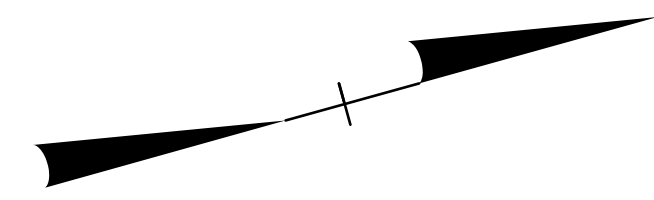
### STEP 3:

USING LANE CLOSURES (RSD 1101.02, SHEET 3), INSTALL FINAL LAYER OF SURFACE COURSE

AND FINAL PAVEMENT MARKINGS AND SNOWPLOWABLE MARKERS THROUGHOUT THE PROJECT LIMITS (SEE FINAL PAVEMENT MARKING PLAN)

### STEP 4:

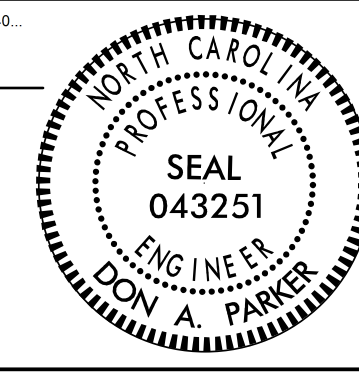
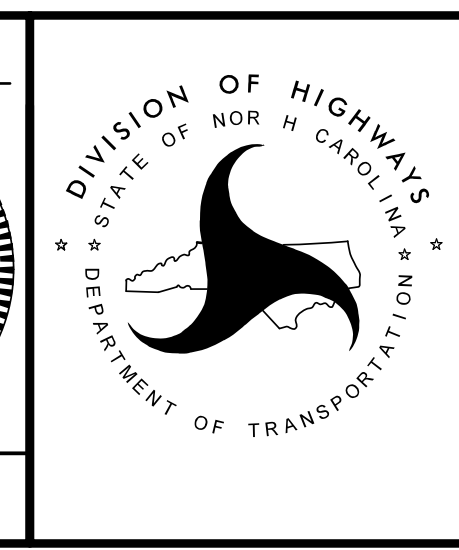
REMOVE ALL TRAFFIC CONTROL DEVICES



7/16/2024 1:40:00 PM R-5921-Traffic\Traffic\TrafficControl\TCP\R-5921-TMP\_03(Phasing).dgn User: jsmelvin

APPROVED: *Don A. Parker*  
 DATE: 8/26/2024

SEAL

TEMPORARY TRAFFIC CONTROL PHASING

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

# AREA A - PHASE I STEP 2 (TEMPORARY PHASE I TRAFFIC PATTERN - SEE ICT)

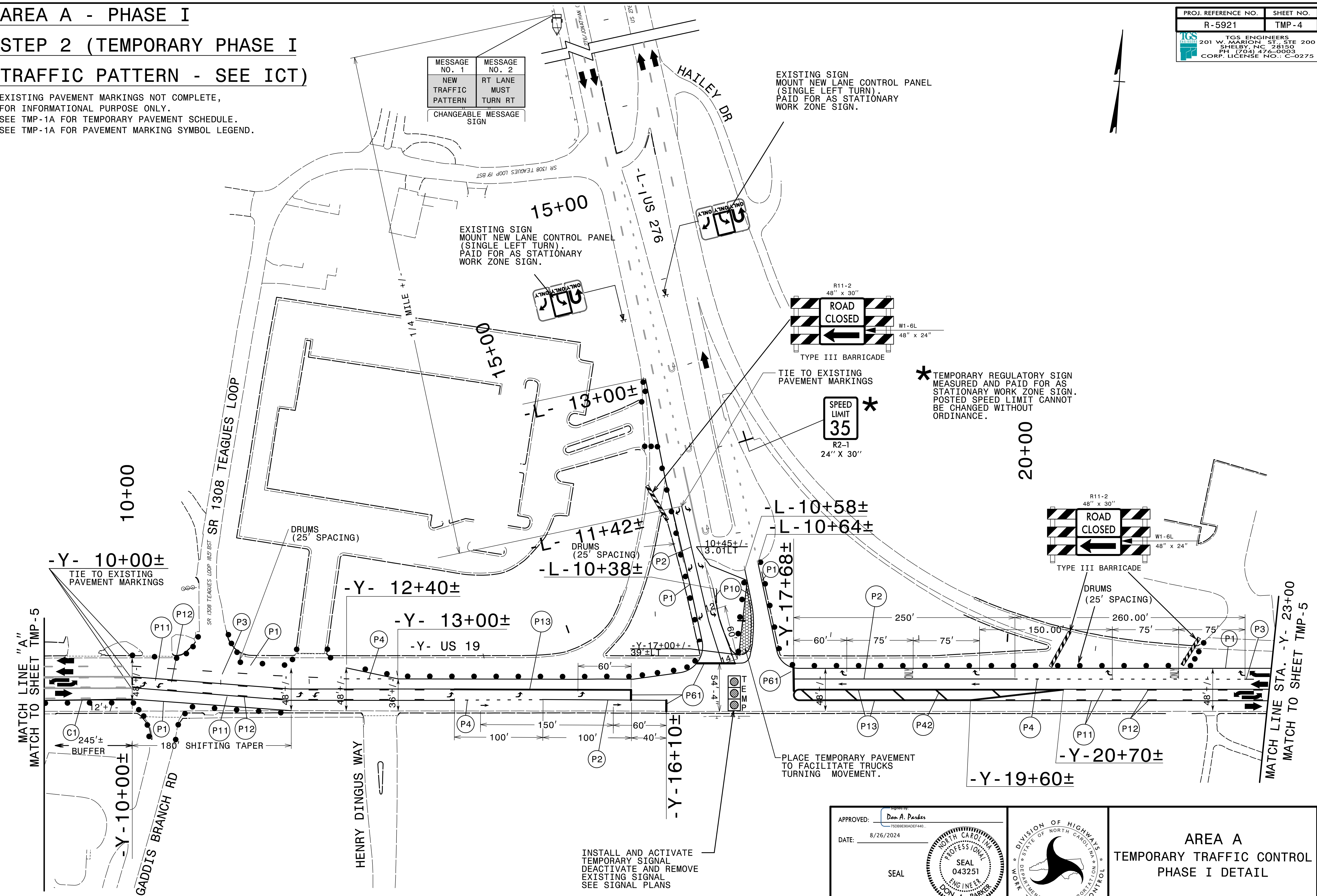
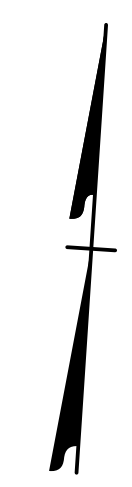
EXISTING PAVEMENT MARKINGS NOT COMPLETE,  
FOR INFORMATIONAL PURPOSE ONLY.  
SEE TMP-1A FOR TEMPORARY PAVEMENT SCHEDULE.  
SEE TMP-1A FOR PAVEMENT MARKING SYMBOL LEGEND.

MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	RT LANE MUST TURN RT

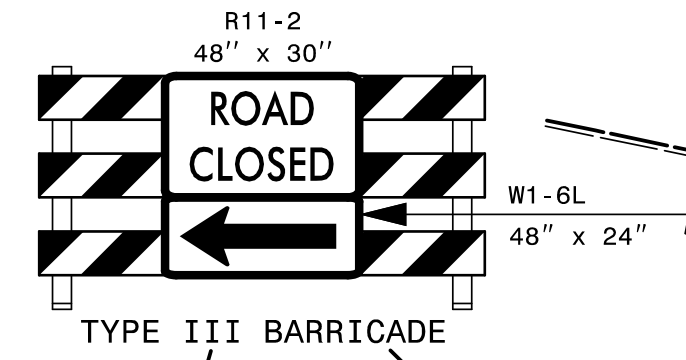
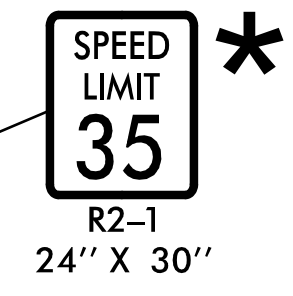
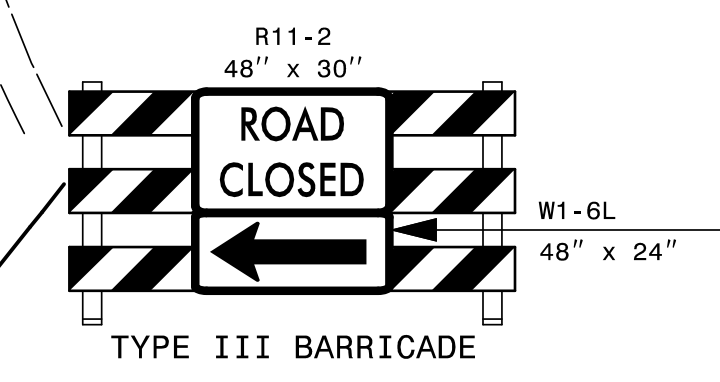
CHANGEABLE MESSAGE SIGN

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-4

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



\* TEMPORARY REGULATORY SIGN MEASURED AND PAID FOR AS STATIONARY WORK ZONE SIGN. POSTED SPEED LIMIT CANNOT BE CHANGED WITHOUT ORDINANCE.



INSTALL AND ACTIVATE TEMPORARY SIGNAL  
DEACTIVATE AND REMOVE EXISTING SIGNAL  
SEE SIGNAL PLANS

PLACE TEMPORARY PAVEMENT TO FACILITATE TRUCKS TURNING MOVEMENT.

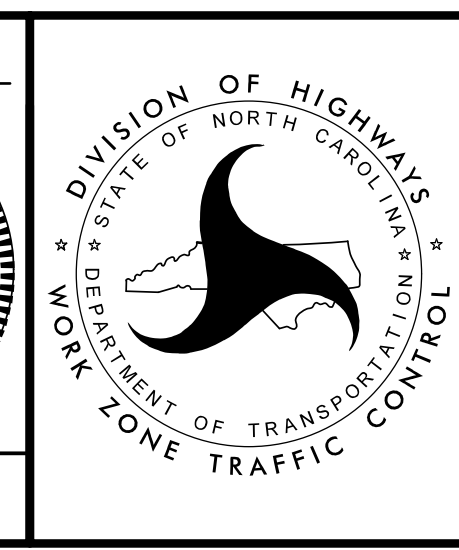
MATCH LINE "A" TO SHEET TMP-5

MATCH LINE STA. -Y- 23+00 TO SHEET TMP-5

7/15/2024  
V:\NC\2024\18-5921\Traffic\TrafficControl\TCP\R-5921\_TC\_TMP\_04(PH01)RAB.dgn  
User: jsmelvin

APPROVED: *Don A. Parker*  
DATE: 8/26/2024

SEAL



AREA A  
TEMPORARY TRAFFIC CONTROL  
PHASE I DETAIL

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

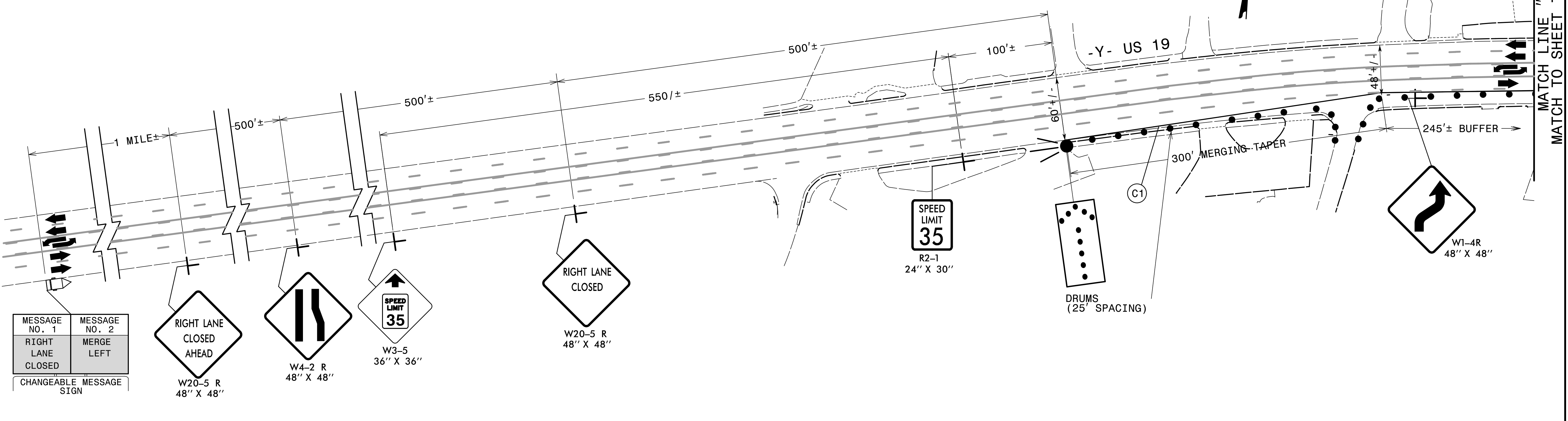
# AREA A - PHASE I

## STEP 2 (TEMPORARY PHASE I TRAFFIC PATTERN - SEE ICT)

EXISTING PAVEMENT MARKINGS NOT COMPLETE,  
FOR INFORMATIONAL PURPOSE ONLY.  
SEE TMP-1A FOR TEMPORARY PAVEMENT SCHEDULE.

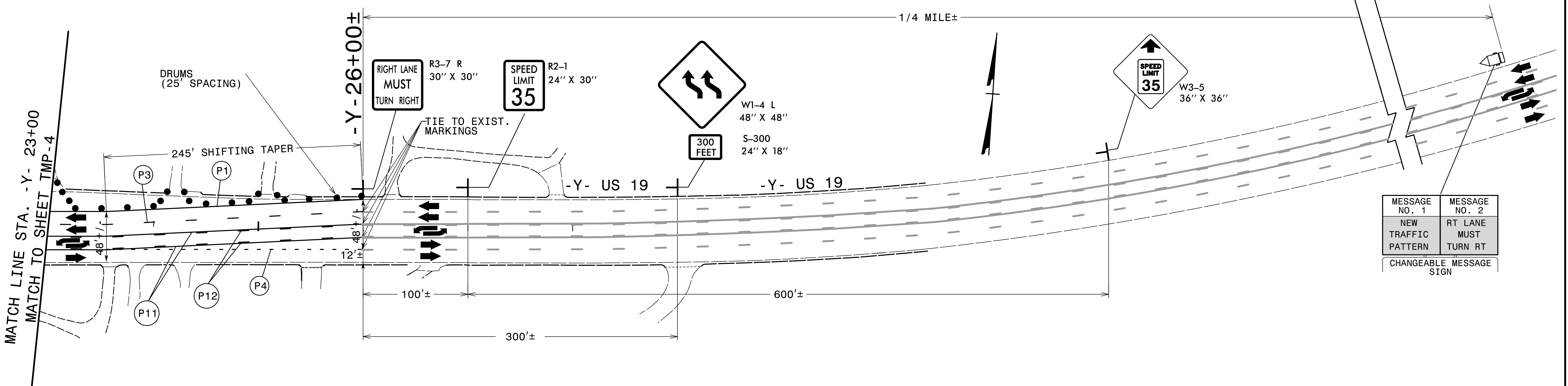
PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-5

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



MESSAGE NO. 1	MESSAGE NO. 2
RIGHT LANE CLOSED	MERGE LEFT

CHANGEABLE MESSAGE SIGN



MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	RT LANE MUST TURN RT

CHANGEABLE MESSAGE SIGN

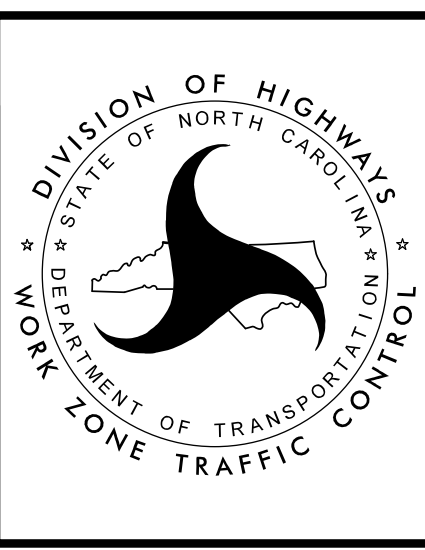
7/16/2024  
V:\NC\5921\Traffic\TrafficControl\TCP\R-5921\TC\_TMP\_05(PH01)RAB.dgn  
User: jsmelvin

APPROVED: *Don A. Parker*  
DATE: 8/26/2024

SEAL

75DB9E90ADEF440

SEAL 043251  
ENGINEER  
DON A. PARKER



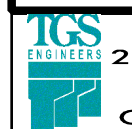
AREA A  
TEMPORARY TRAFFIC CONTROL  
PHASE I DETAIL

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

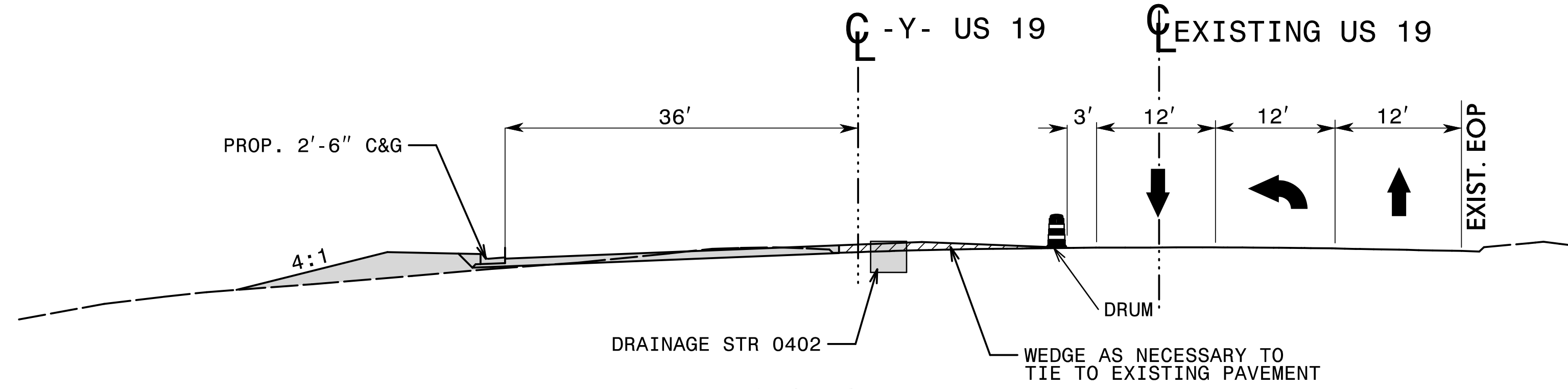
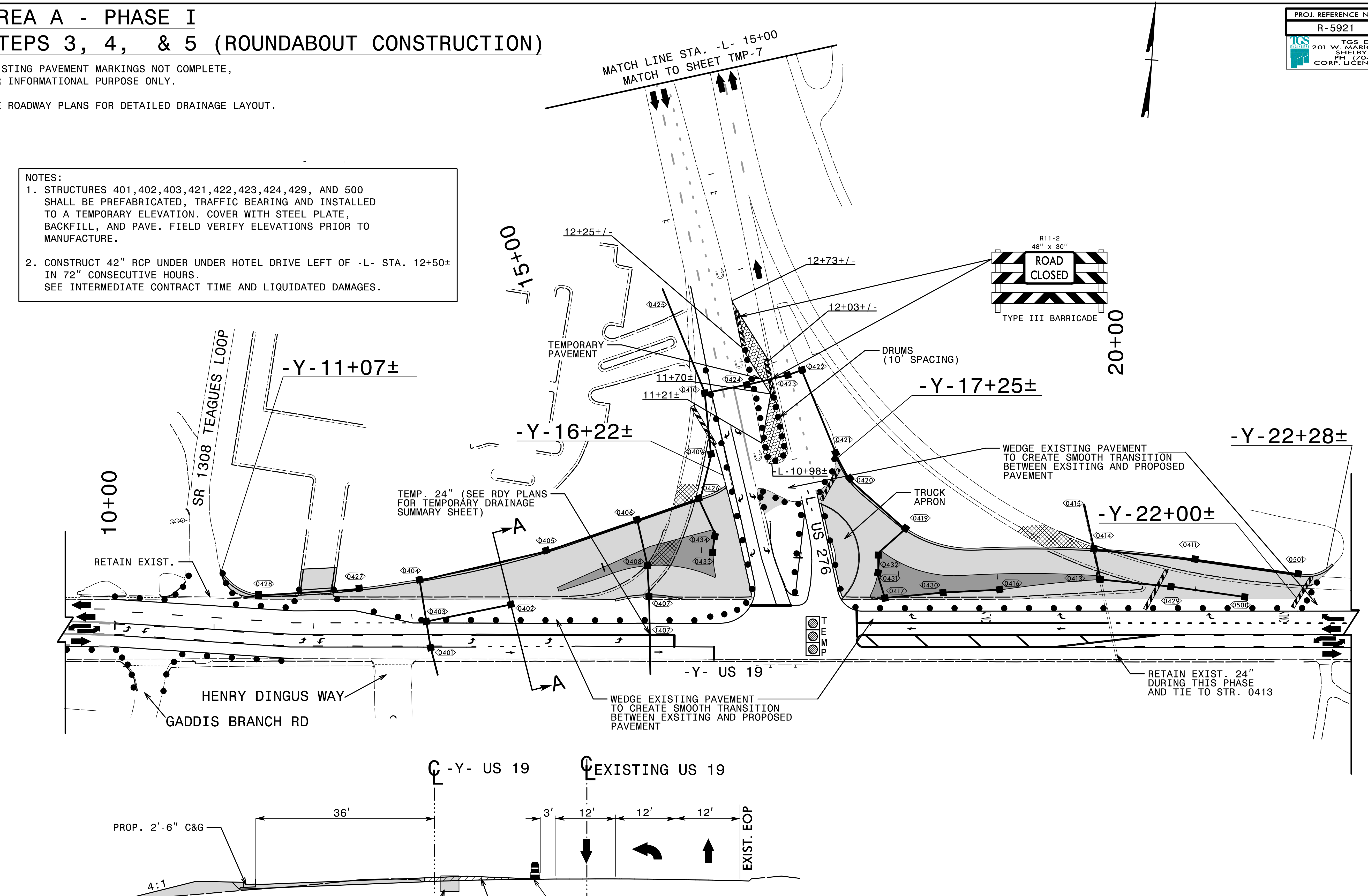
# AREA A - PHASE I STEPS 3, 4, & 5 (ROUNDBOUT CONSTRUCTION)

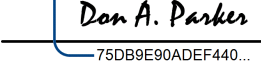
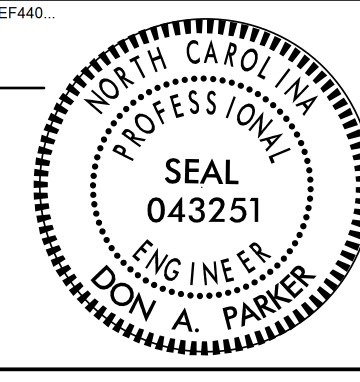

EXISTING PAVEMENT MARKINGS NOT COMPLETE,  
FOR INFORMATIONAL PURPOSE ONLY.

SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT.

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-6
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

- NOTES:
- STRUCTURES 401, 402, 403, 421, 422, 423, 424, 429, AND 500 SHALL BE PREFABRICATED, TRAFFIC BEARING AND INSTALLED TO A TEMPORARY ELEVATION. COVER WITH STEEL PLATE, BACKFILL, AND PAVE. FIELD VERIFY ELEVATIONS PRIOR TO MANUFACTURE.
  - CONSTRUCT 42" RCP UNDER HOTEL DRIVE LEFT OF -L- STA. 12+50± IN 72" CONSECUTIVE HOURS. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.




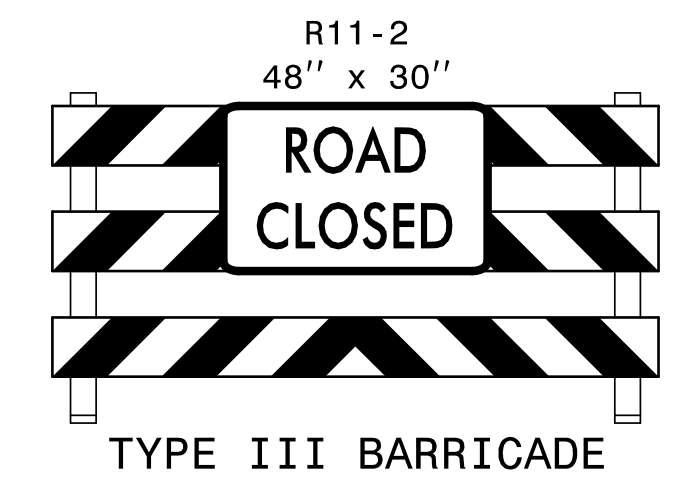
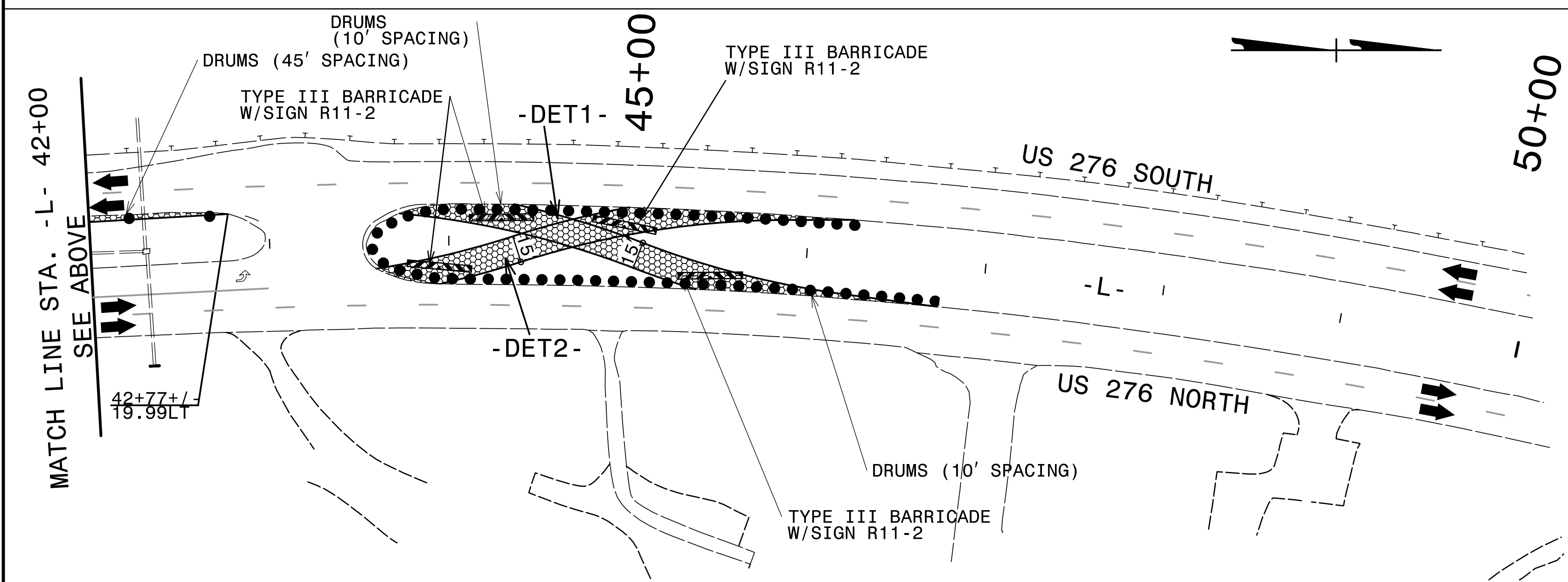
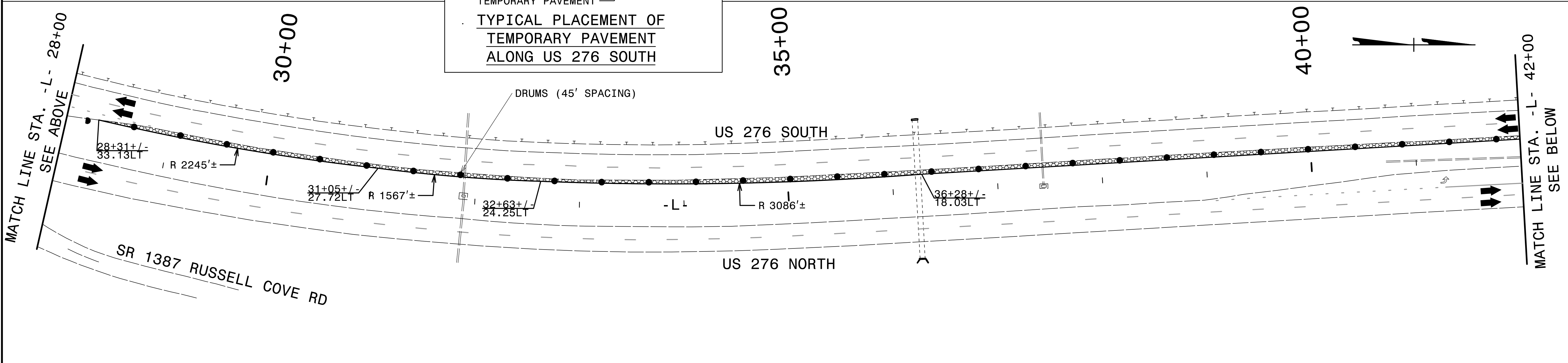
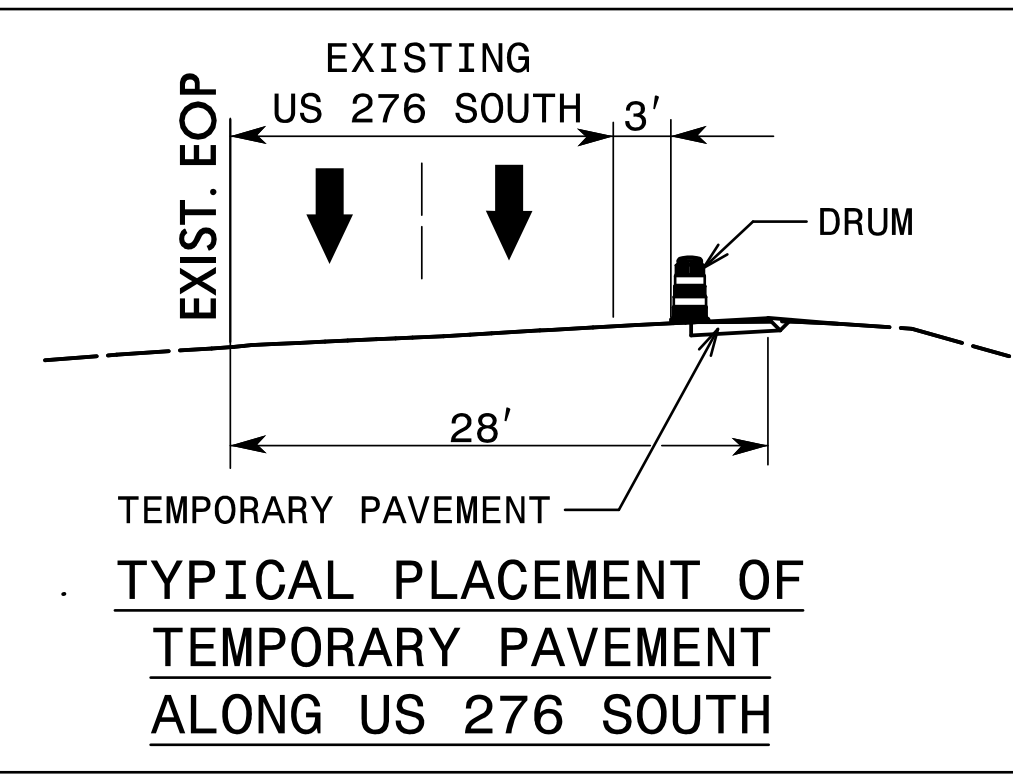
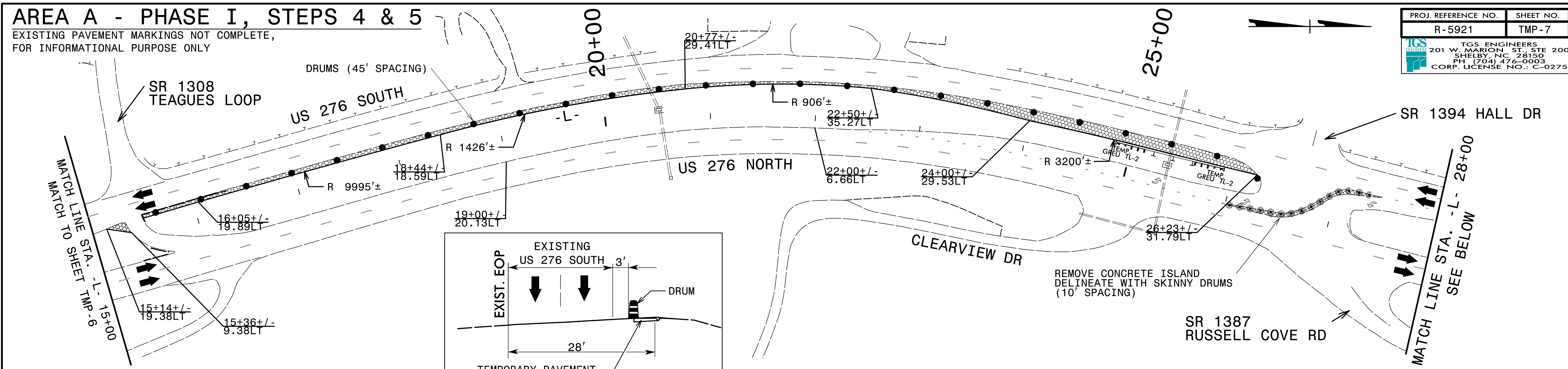
APPROVED:  DATE: 8/26/2024			<b>AREA A</b> <b>TEMPORARY TRAFFIC CONTROL</b> <b>PHASE I DETAIL</b>
<b>DOCUMENT NOT CONSIDERED FINAL</b> <b>UNLESS ALL SIGNATURES COMPLETED</b>			

8/21/2024  
C:\NC\Projects\5921\Traffic\TrafficControl\TCP\R-5921\TC-TMP\_06(PH01)RAB.dgn  
User: jsmelvin

# AREA A - PHASE I, STEPS 4 & 5

EXISTING PAVEMENT MARKINGS NOT COMPLETE,  
FOR INFORMATIONAL PURPOSE ONLY

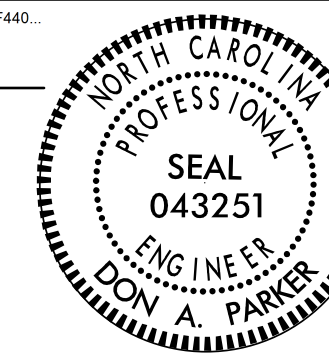
PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-7
 <b>TGS ENGINEERS</b> 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



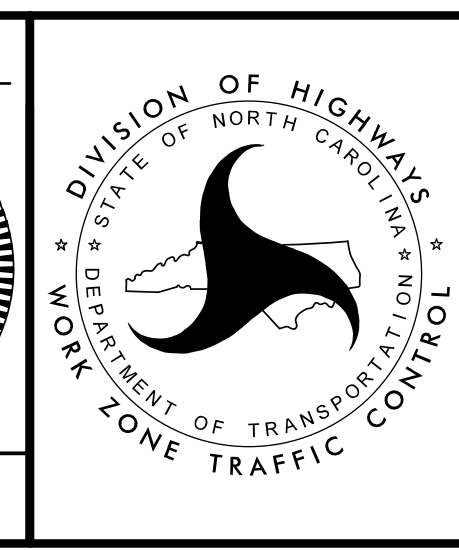
SEE ROADWAY DETAIL SHEET 2B-2  
FOR -DET1- & -DET2- LAYOUT.

APPROVED: *Don A. Parker*  
75089690ADEF440...  
 DATE: 8/26/2024

SEAL



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



**AREA A  
TEMPORARY TRAFFIC CONTROL  
PHASE I DETAIL**


7/16/2024  
 V:\NC\2024\18-5921\Traffic\TrafficControl\TCP\R-5921\TC\_TMP\_07(PH01)Area A.dgn  
 User: jsmelvin

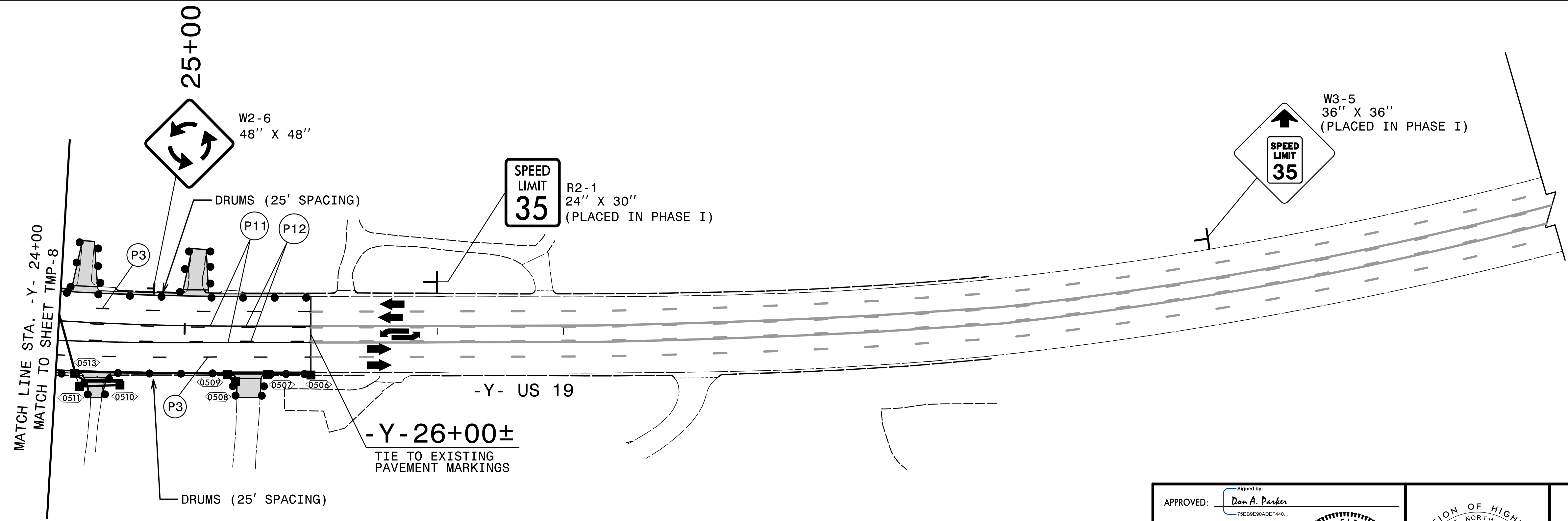
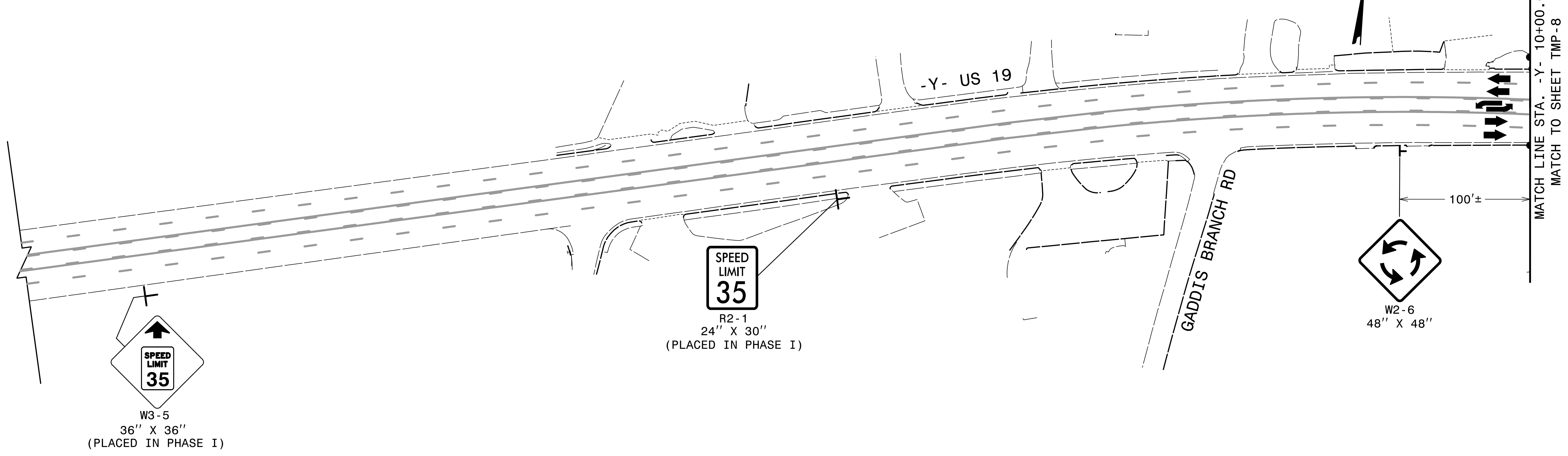




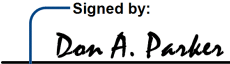
# AREA A - PHASE II

ALL SIGNS SHOWN ON TMP-9 ARE TEMPORARY AND PAID FOR AS STATIONARY WORK ZONE SIGNS.  
EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY.  
SEE TMP-1A FOR TEMPORARY PAVEMENT SCHEDULE.

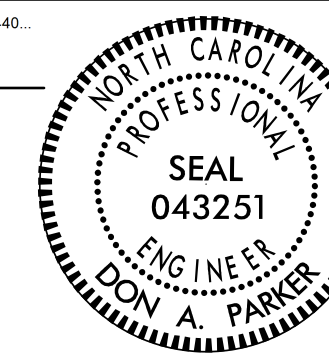
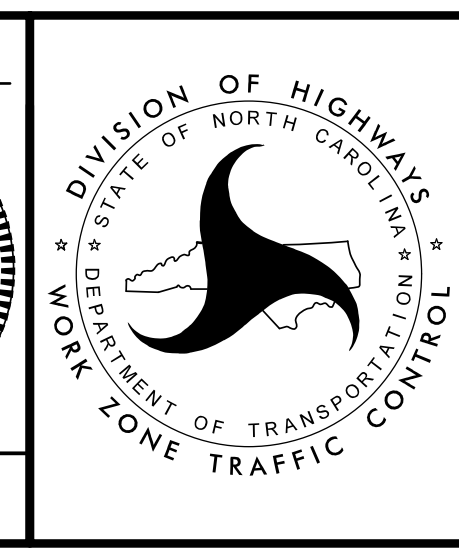
PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-9
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



7/16/2024  
V:\NC\2024\18716A22A680\Traffic\TrafficControl\TCP\R-5921\TC-TMP\_09\PH02\_RAB.dgn  
User:rsmevin

APPROVED:   
 DATE: 8/26/2024

SEAL





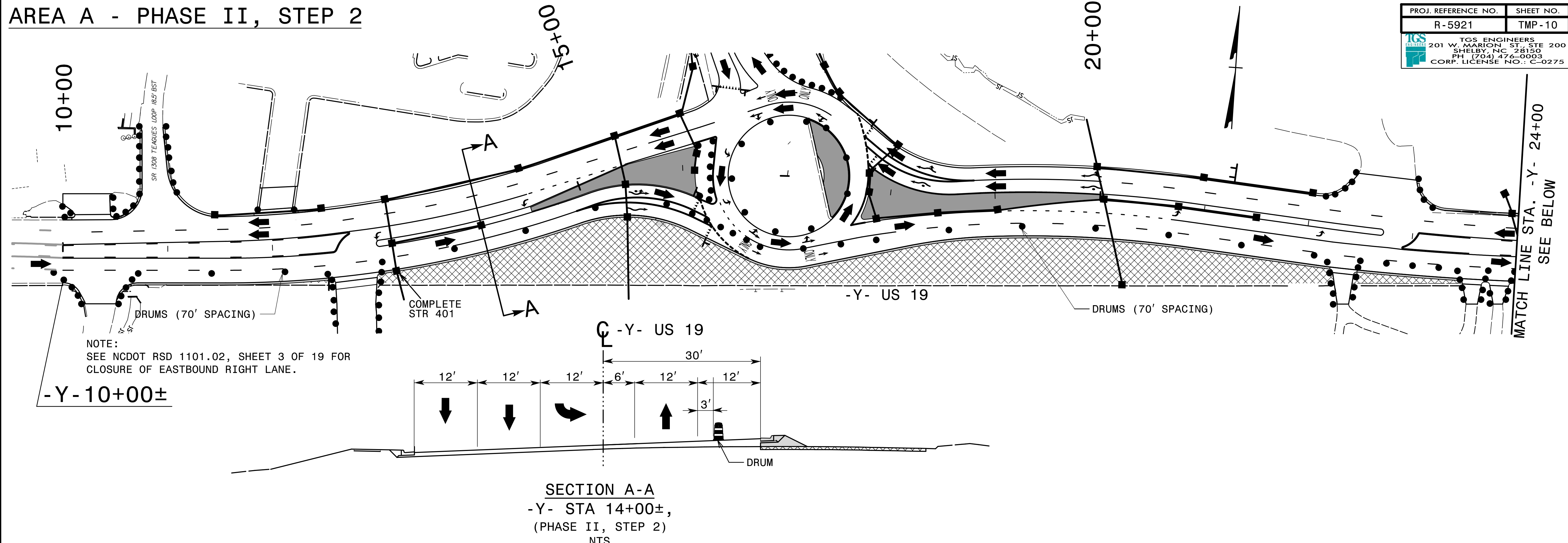
AREA A  
 TEMPORARY TRAFFIC CONTROL  
 PHASE II DETAIL

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

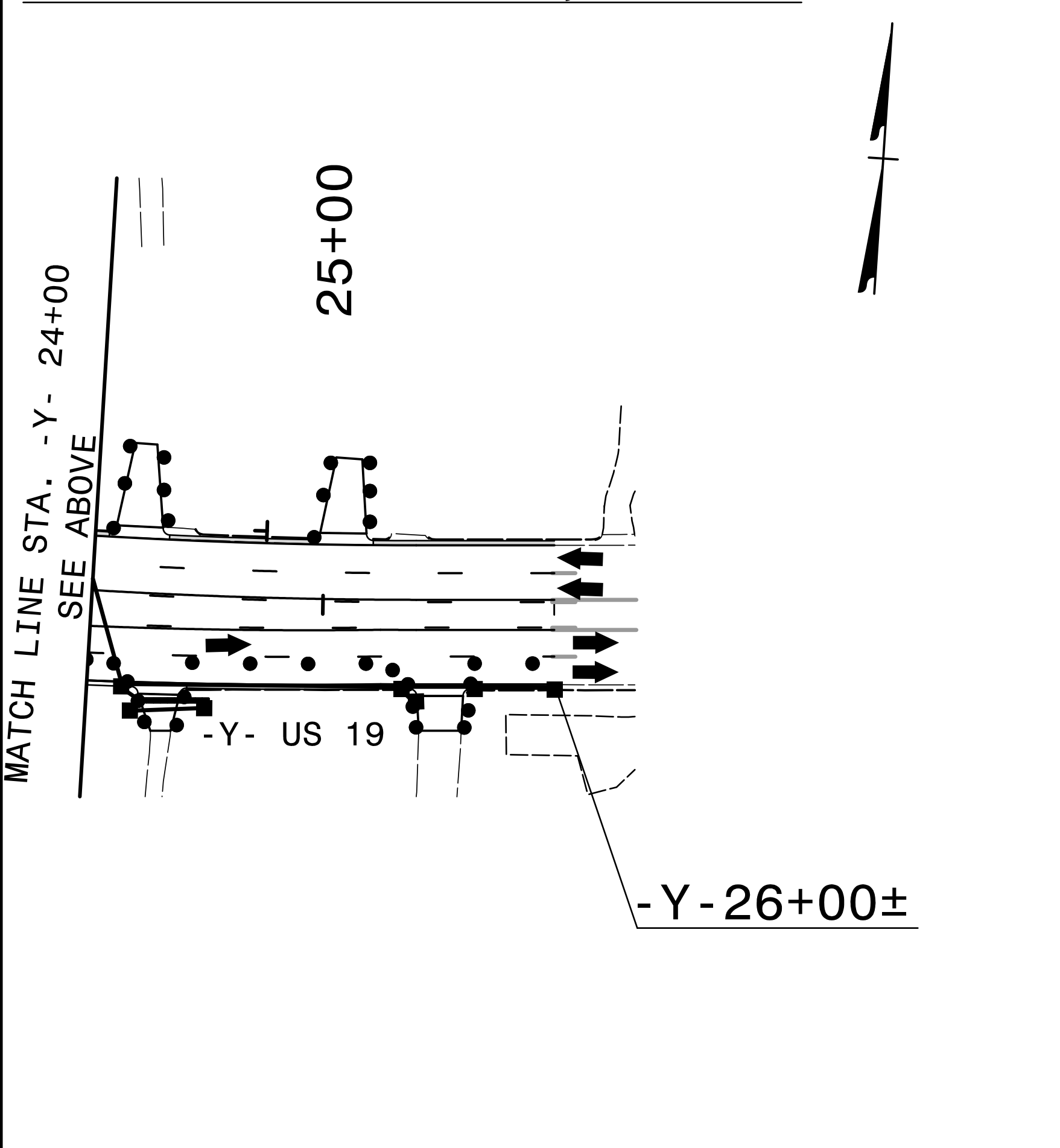


### AREA A - PHASE II, STEP 2

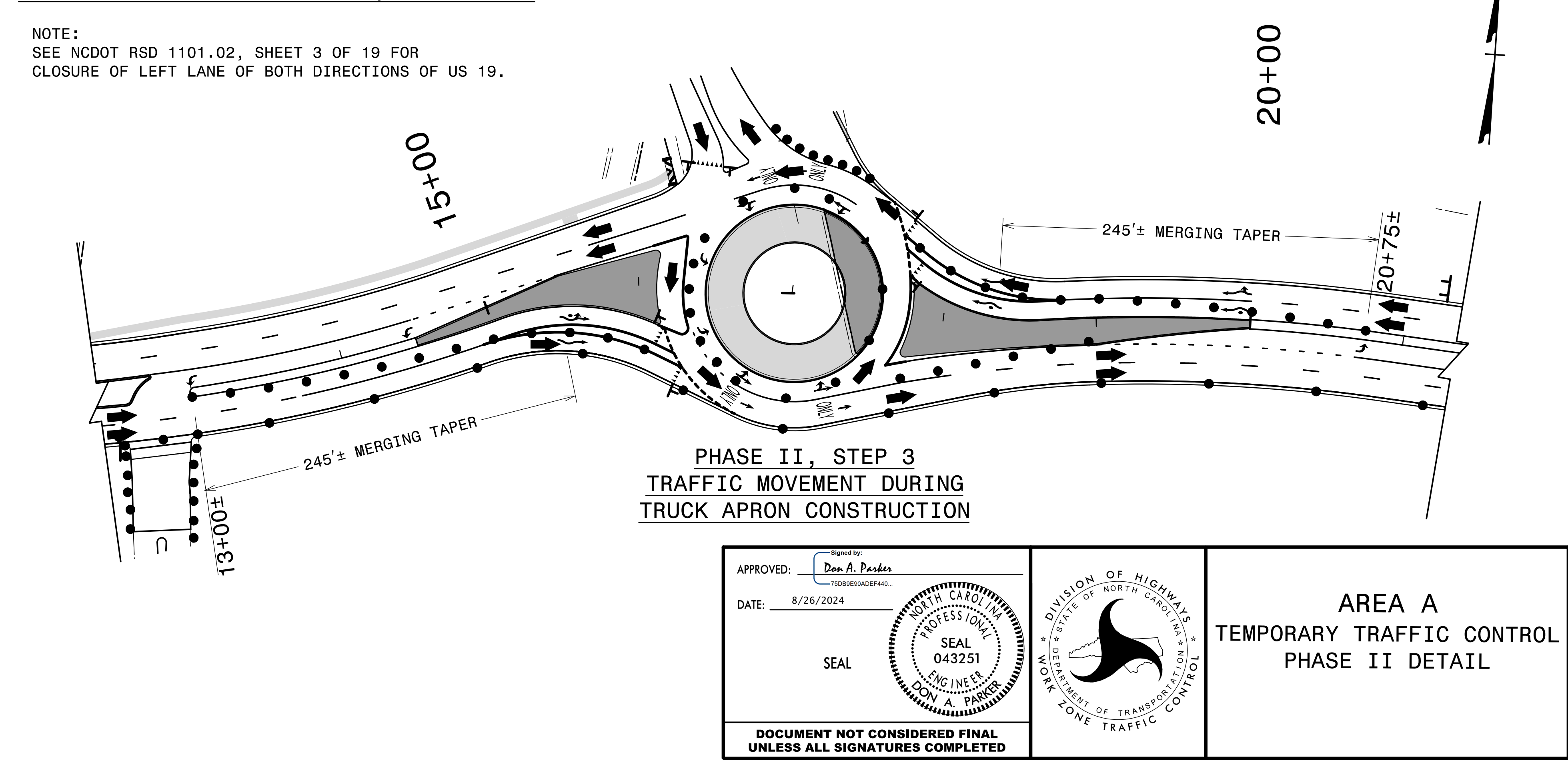
PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-10
 TGS ENGINEERS 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	




### AREA A - PHASE II, STEP 2



### AREA A - PHASE II, STEP 3

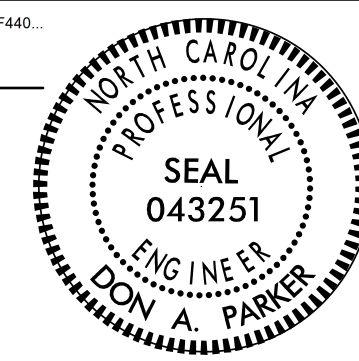
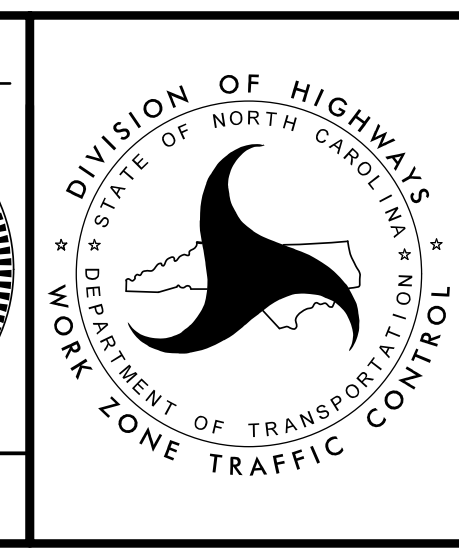


7/16/2024  
V:\NC\2024\10-5921\Traffic\TrafficControl\TCP\R-5921.TC\_TMP\_10PH02\_RAB.dgn  
User:rsmevin

APPROVED:   
750B9E90ADEF440

DATE: 8/26/2024

SEAL

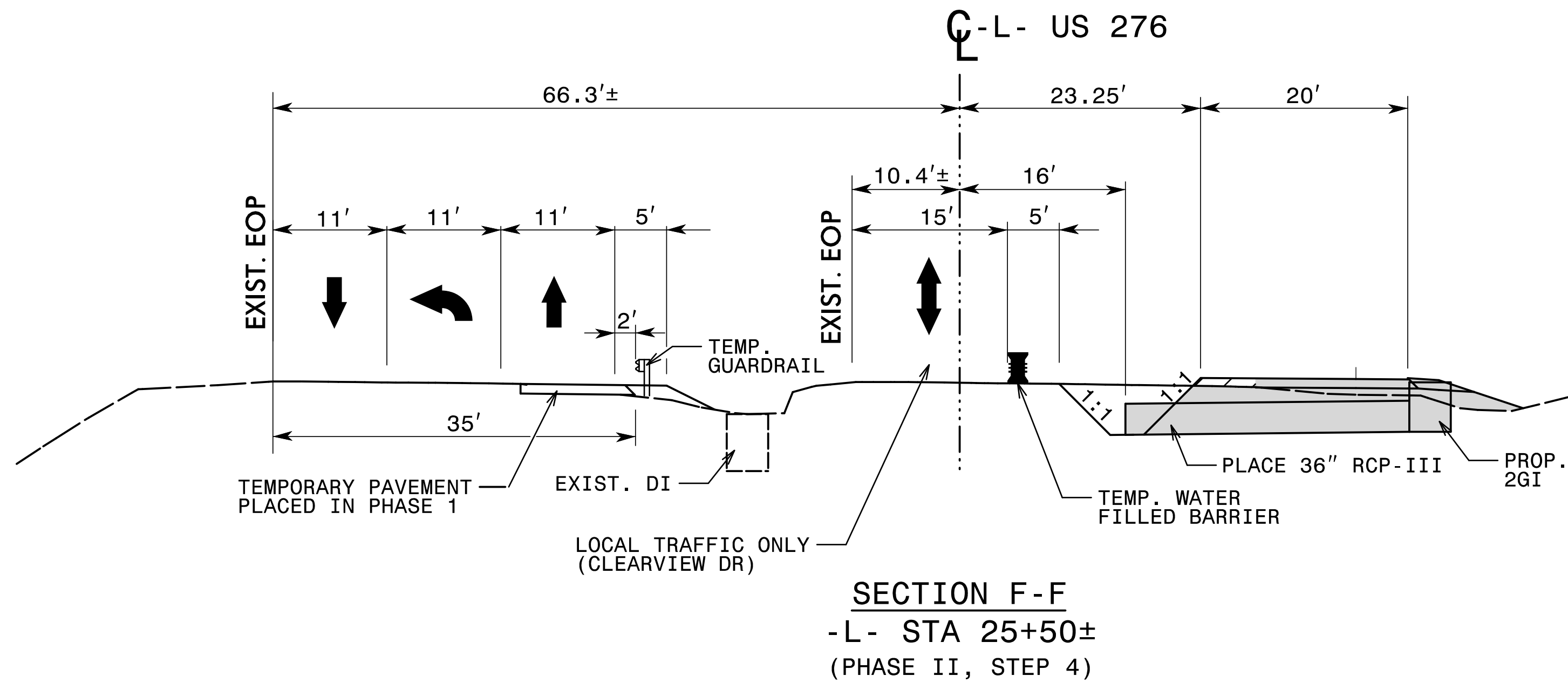
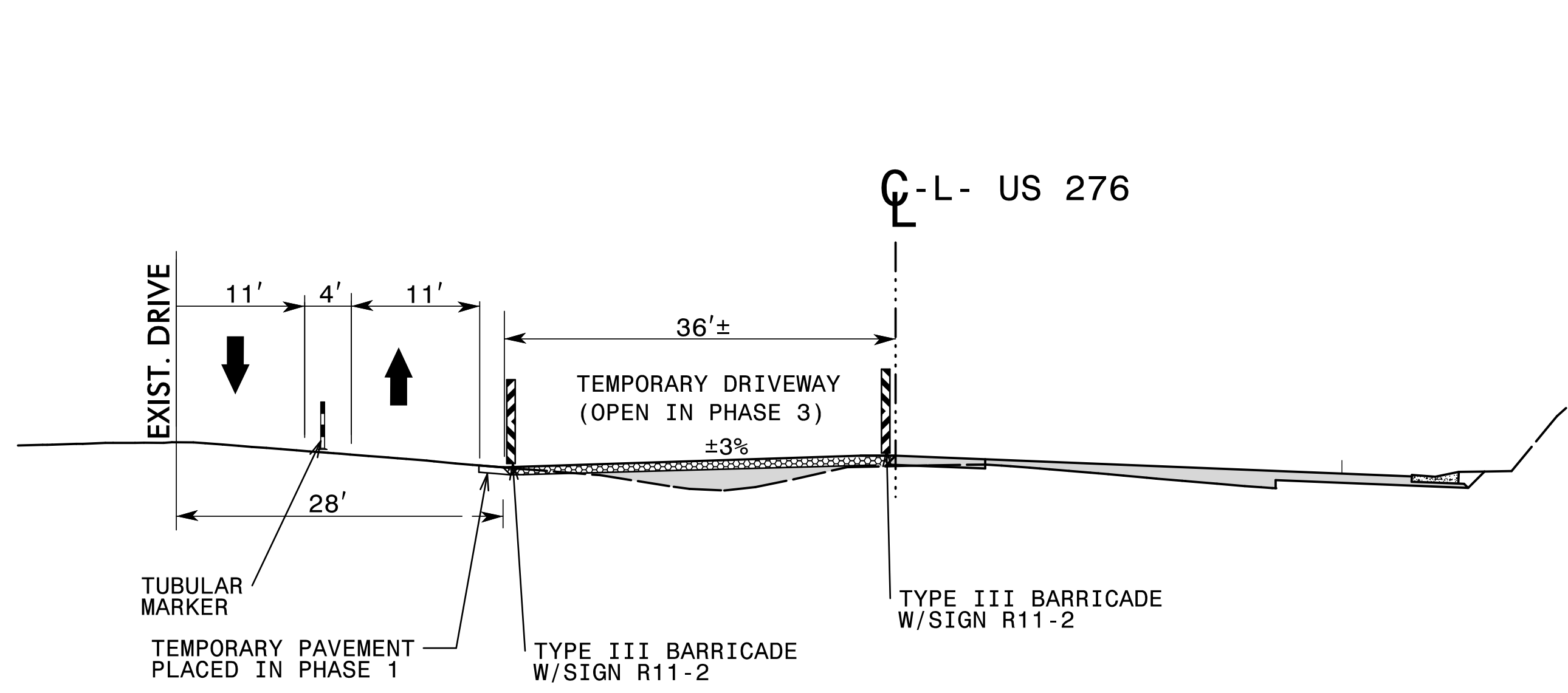
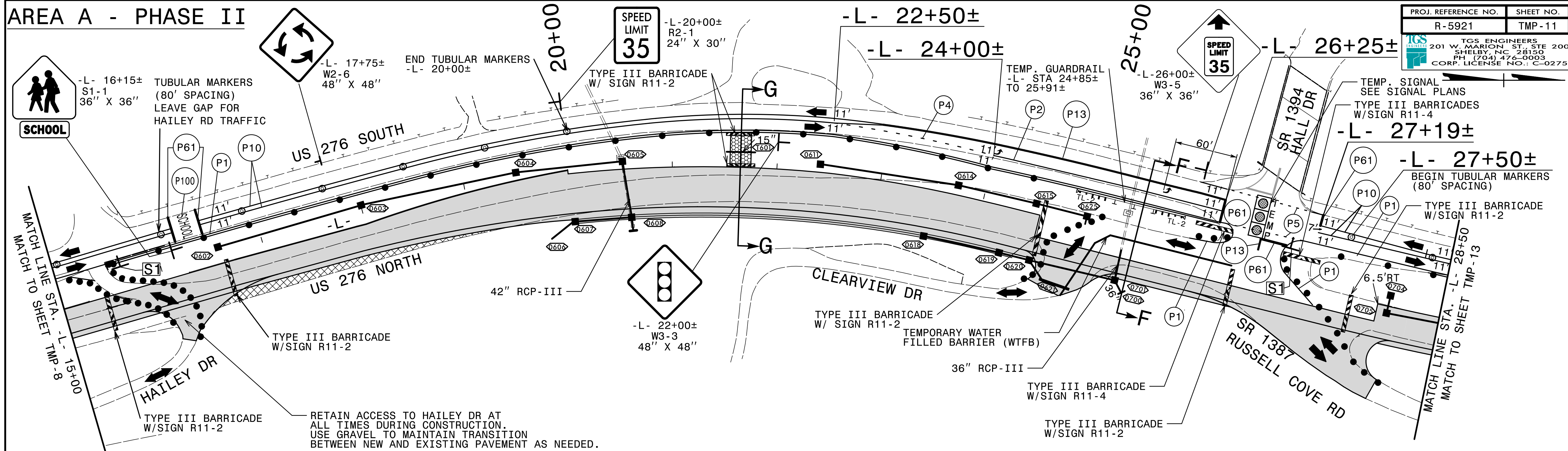
AREA A  
TEMPORARY TRAFFIC CONTROL  
PHASE II DETAIL

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

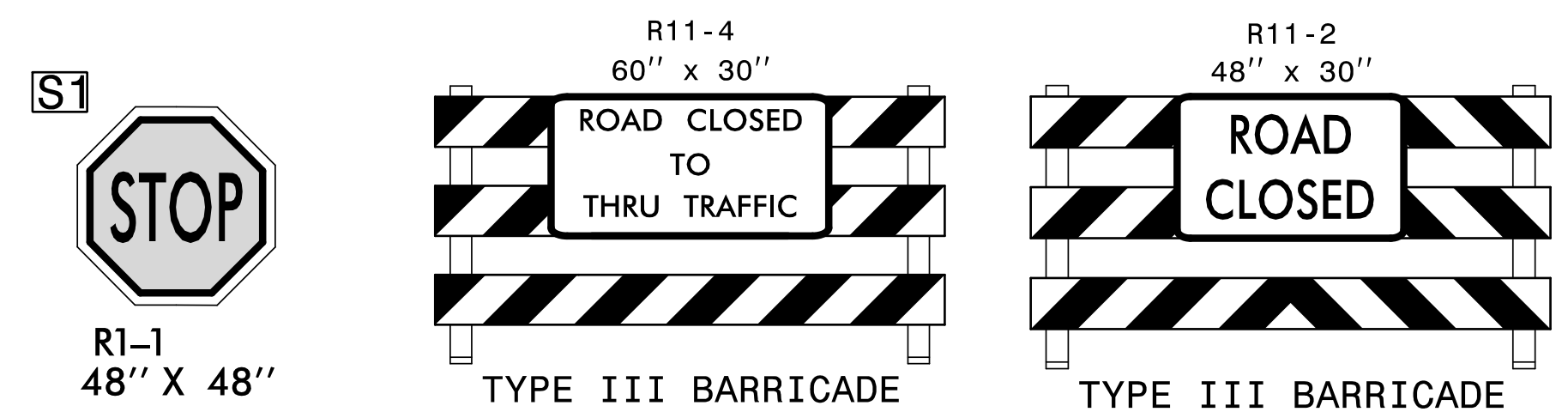
# AREA A - PHASE II

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-11

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



ALL SIGNS SHOWN ON TMP-11 ARE TEMPORARY AND PAID FOR AS STATIONARY WORK ZONE SIGNS.  
SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.  
FOR PAVEMENT MARKING SYMBOLS LEGEND SEE TMP-1A.  
SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT.



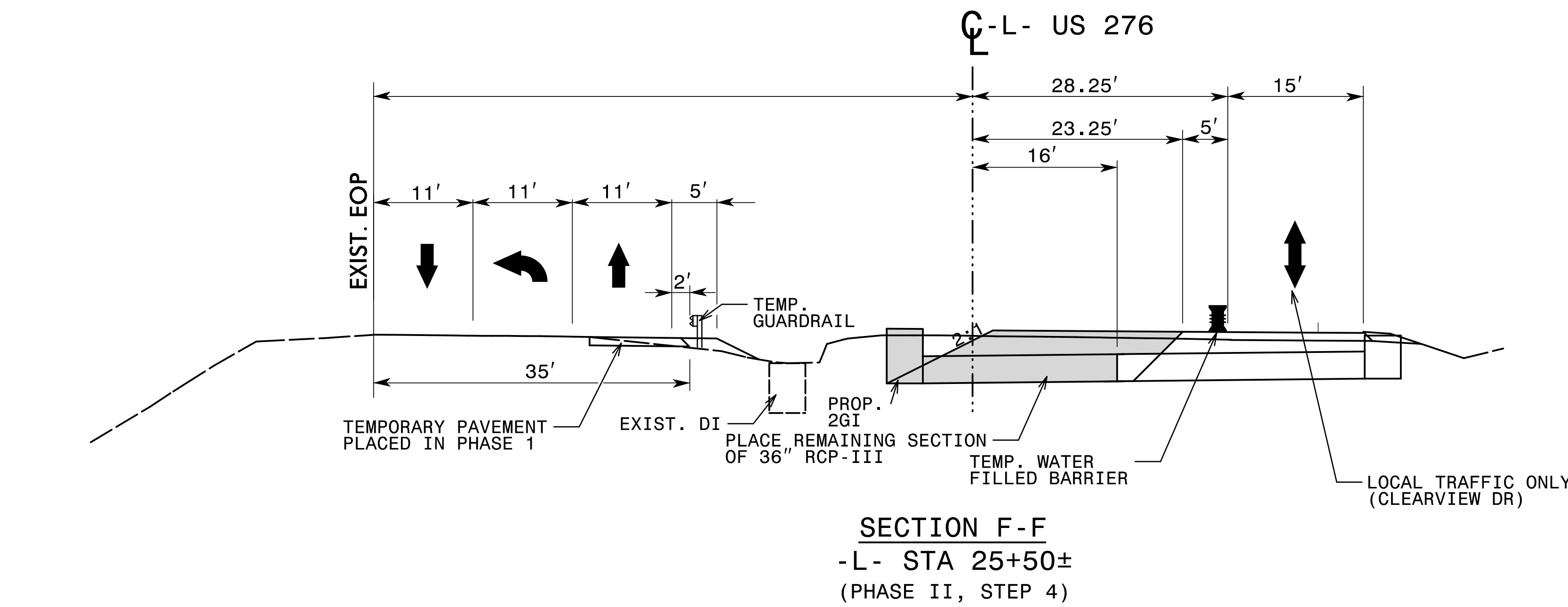
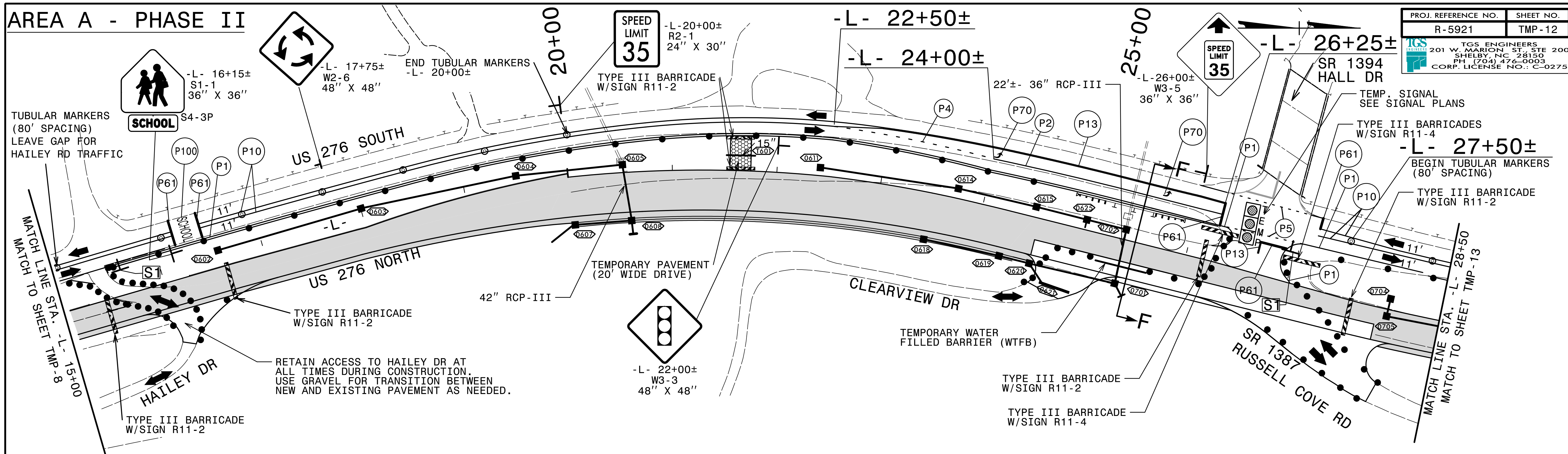
<p>APPROVED: <i>Don A. Parker</i> DATE: 8/26/2024</p> <p>SEAL</p> <p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	<p>PROFESSIONAL ENGINEER DON A. PARKER 043251</p>	<p>DIVISION OF HIGHWAYS STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION WORK ZONE TRAFFIC CONTROL</p>	<p><b>AREA A</b> <b>TEMPORARY TRAFFIC CONTROL</b> <b>PHASE II, STEP 4.C.1</b></p> <p>INSTALLATION OF DRAINAGE STRUCTURE AT -L- STA 25+50±</p>
------------------------------------------------------------------------------------------------------------------------------------------------	-----------------------------------------------------------	------------------------------------------------------------------------------------------------------------------------	---------------------------------------------------------------------------------------------------------------------------------------------------------------

8/21/2024 8:41:00 AM R-5921-Traffic-TrafficControl\TCP\R-5921-TCP-TMP-11PH02-Area A-Local.dgn User: jsmelvin

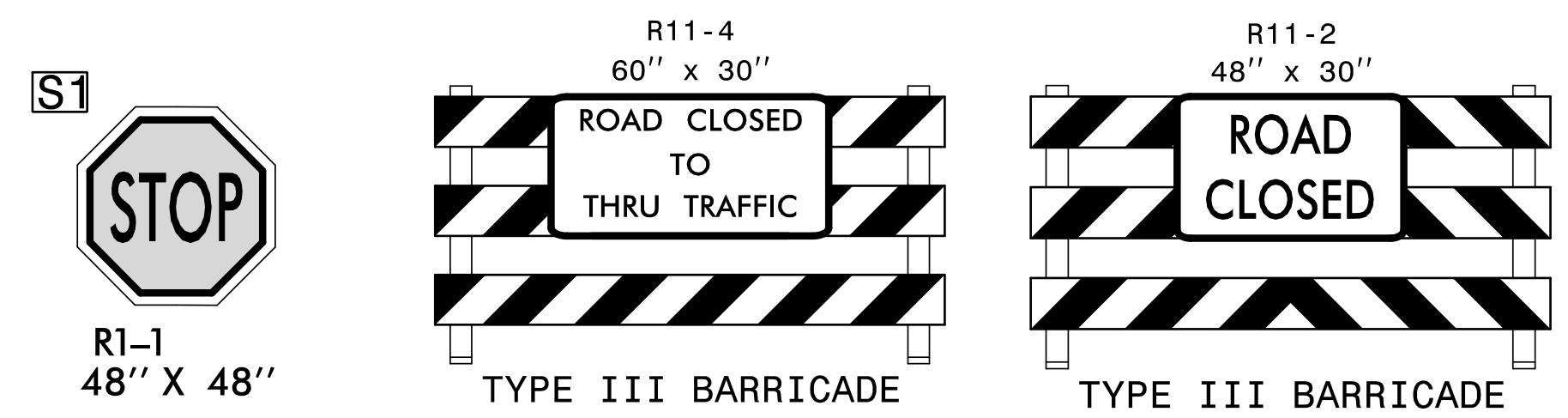
# AREA A - PHASE II

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-12

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



SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.  
FOR PAVEMENT MARKING SYMBOLS LEGEND SEE TMP-1A.  
SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT.

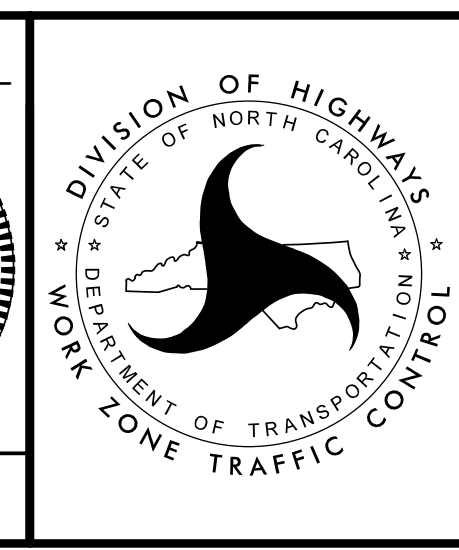


APPROVED: *Don A. Parker*  
DATE: 8/26/2024

SEAL

PROFESSIONAL ENGINEER  
DON A. PARKER  
SEAL 043251

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED



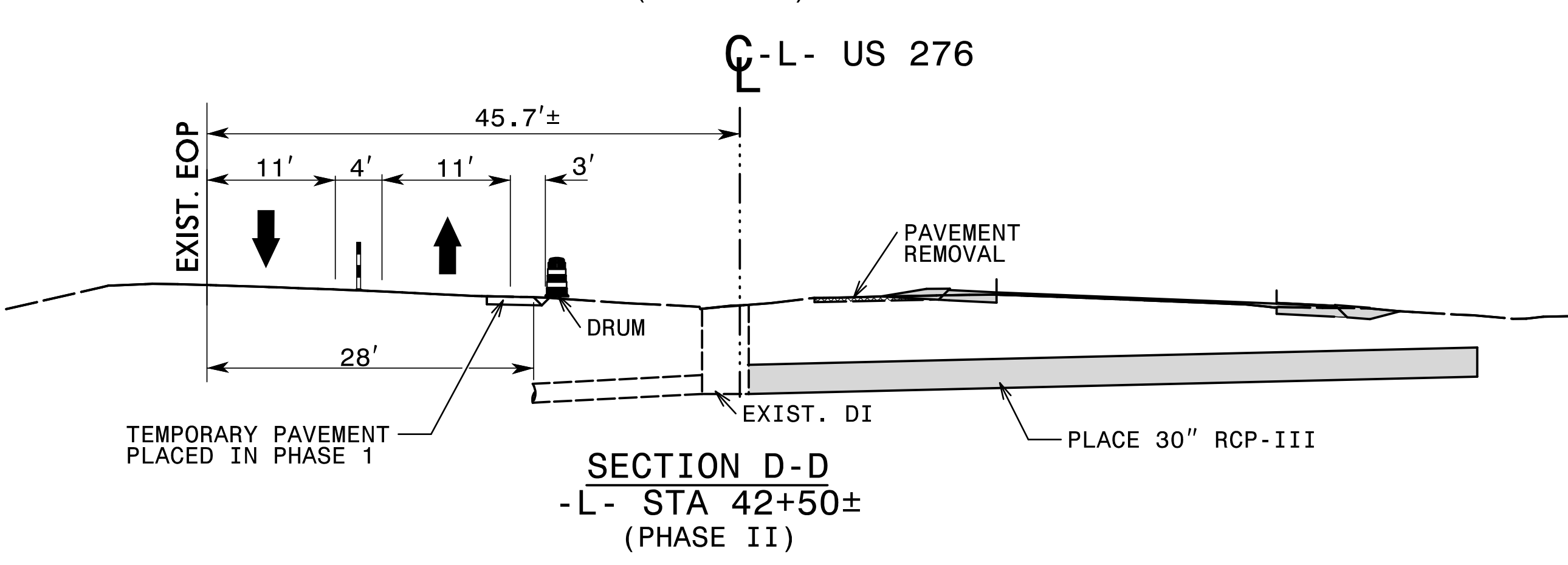
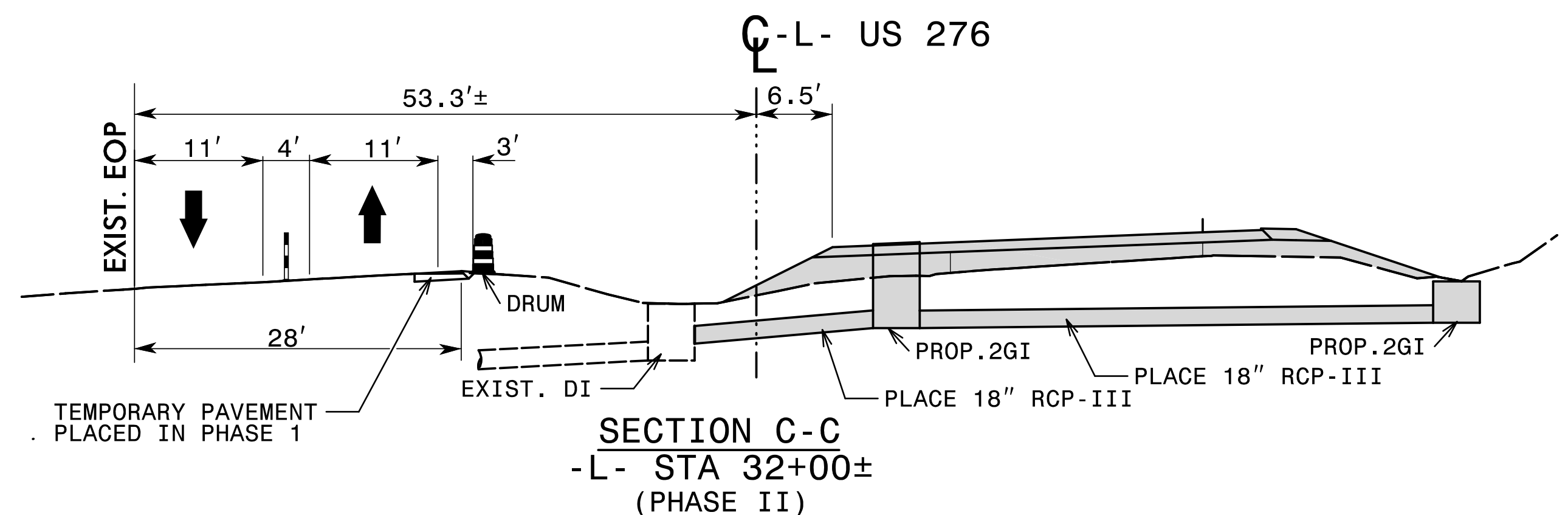
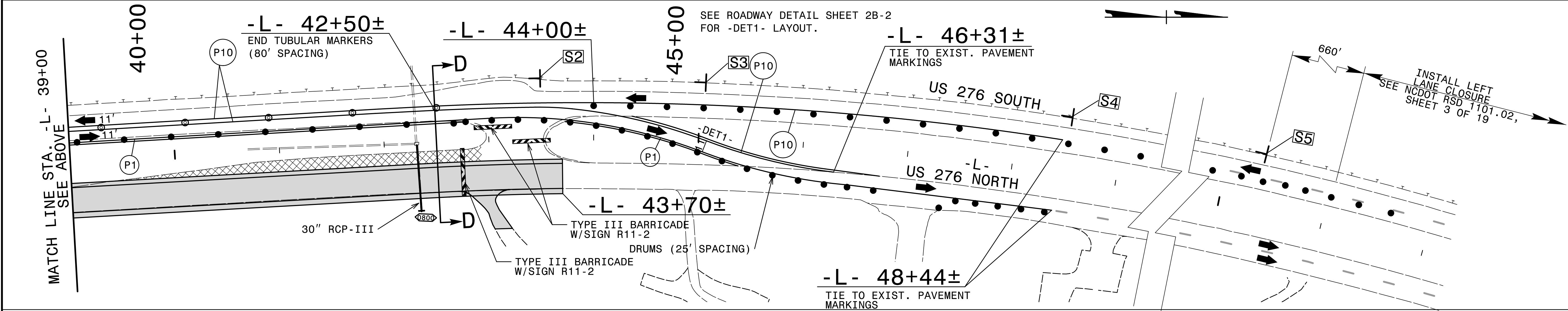
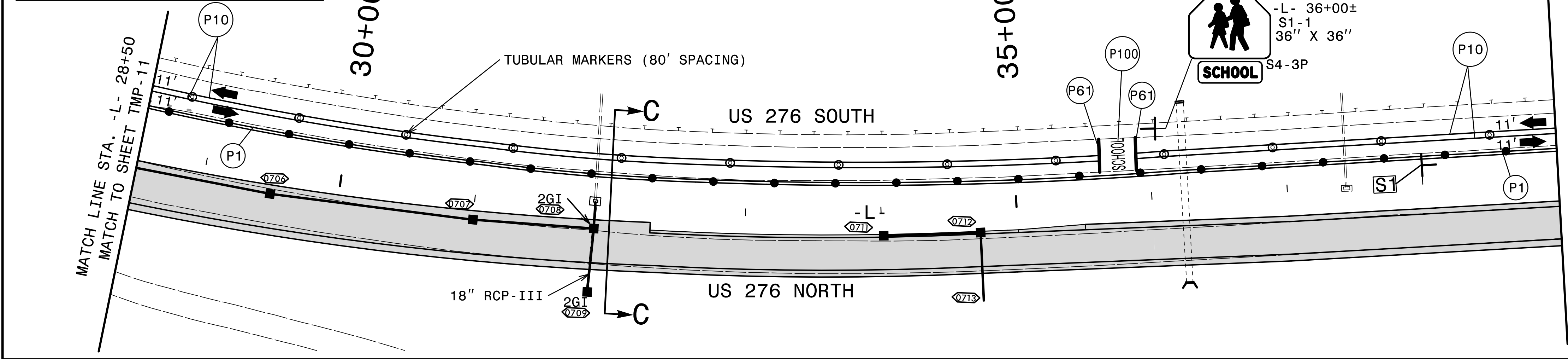
**AREA A**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE II, STEP 4.C.3**

INSTALLATION OF  
DRAINAGE STRUCTURE  
AT -L- STA 25+50±

8/21/2024  
C:\NCOR\Projects\TrafficControl\CP\R-5921\TC-TMP\_12\PH02 Area A-Local.dgn  
User: jsmelvin

# AREA A - PHASE II

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-13
TGS ENGINEERS 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



W1-4R 48" X 48"				
35 M.P.H.	-L- 43+50± W3-4 48" X 48"	-L- 45+00± R4-1 24" X 30"	-L- 48+50± W3-3 48" X 48"	-L- 62+60± W6-3 48" X 48"
-L- 38+00±				

R11-2  
48" x 30"

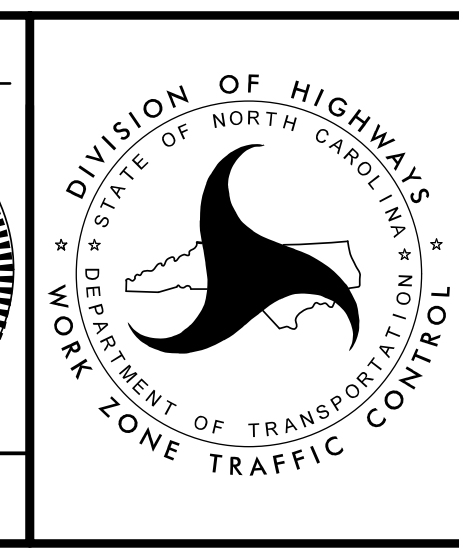
TYPE III BARRICADE

ALL SIGNS SHOWN ON TMP-13 ARE TEMPORARY AND PAID FOR AS STATIONARY WORK ZONE SIGNS. EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY. SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.

APPROVED:

DATE: 8/26/2024

SEAL

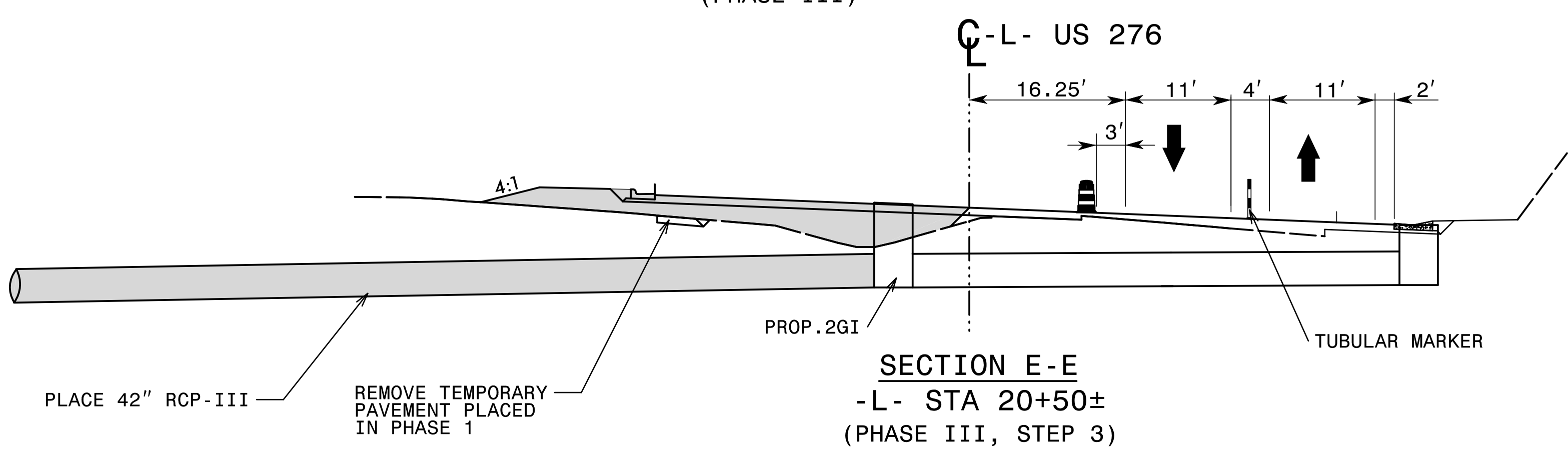
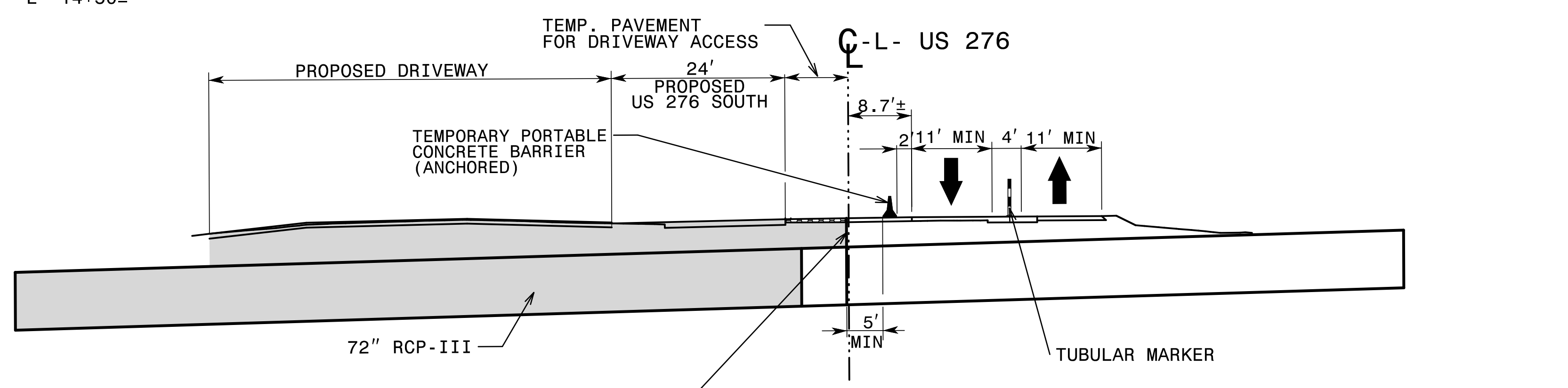
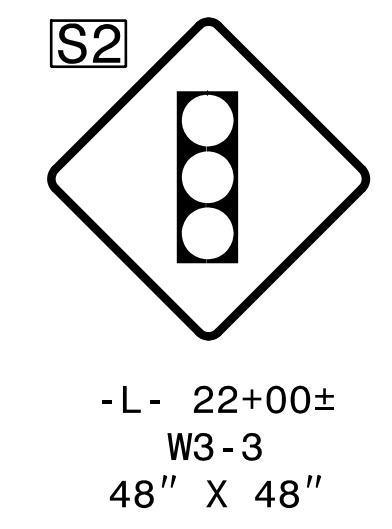
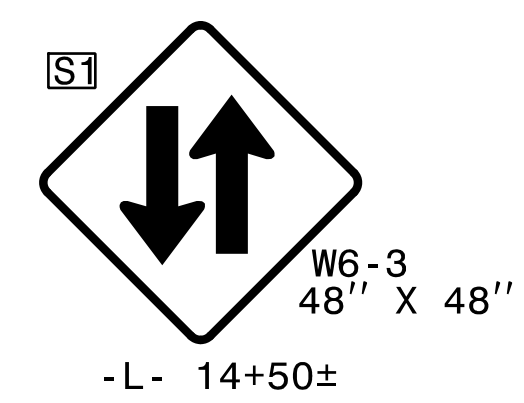
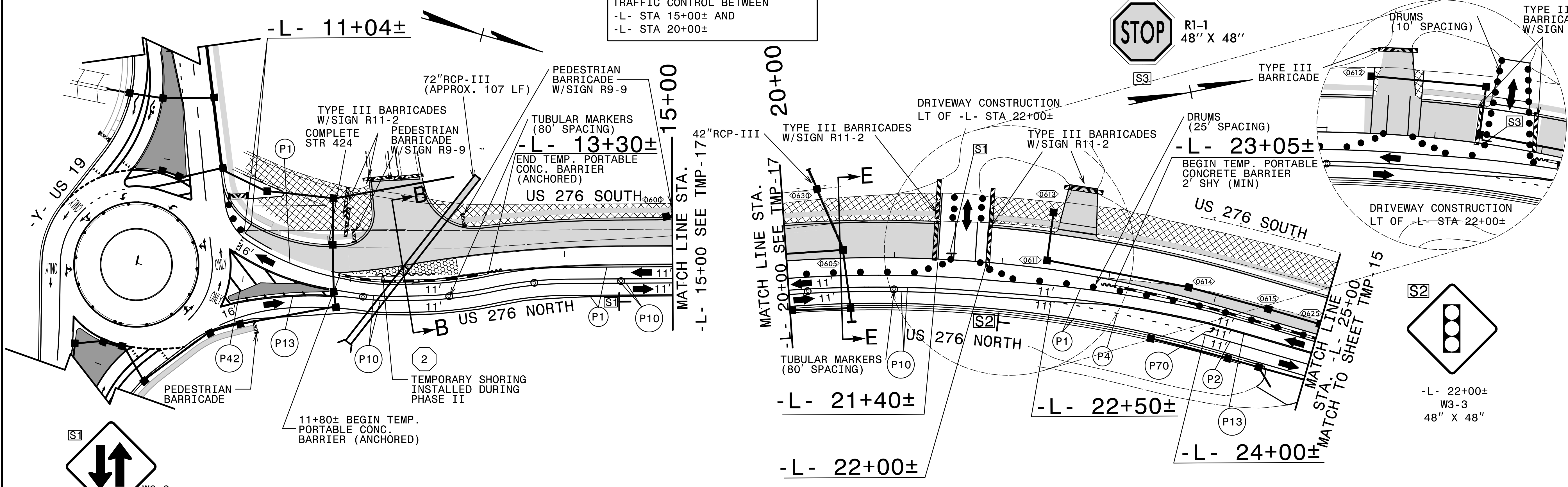
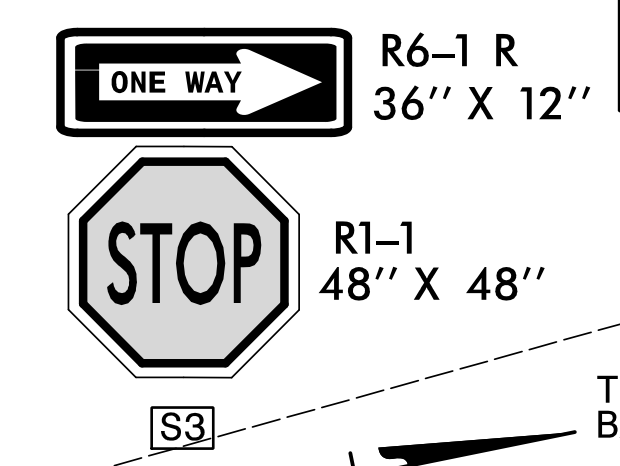


AREA A  
TEMPORARY TRAFFIC CONTROL  
PHASE II DETAIL

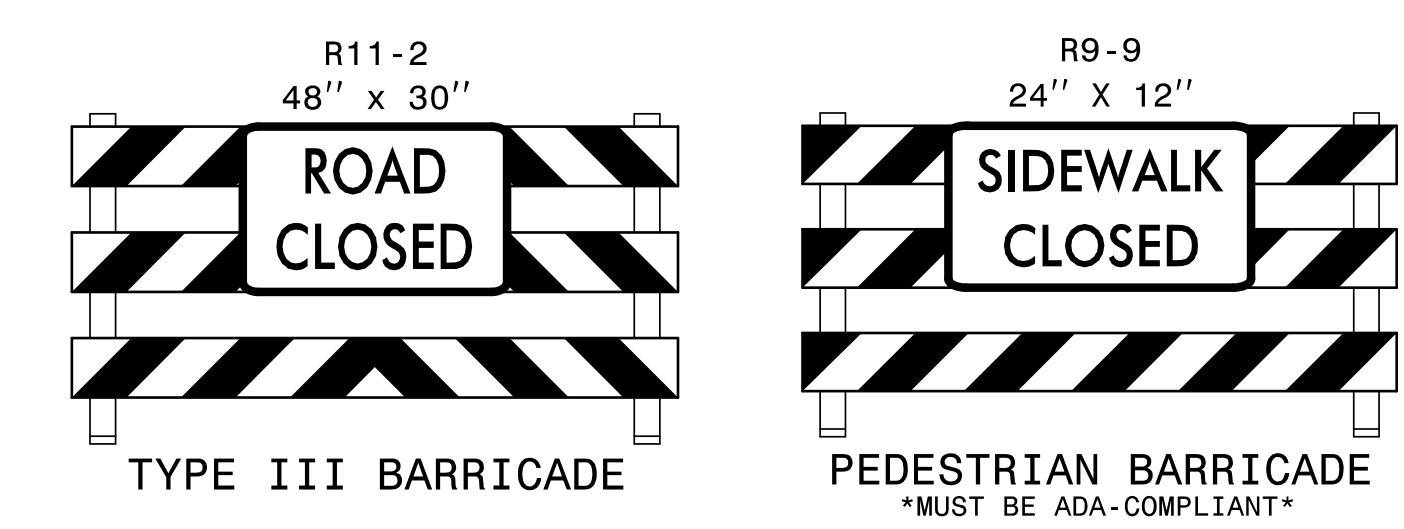
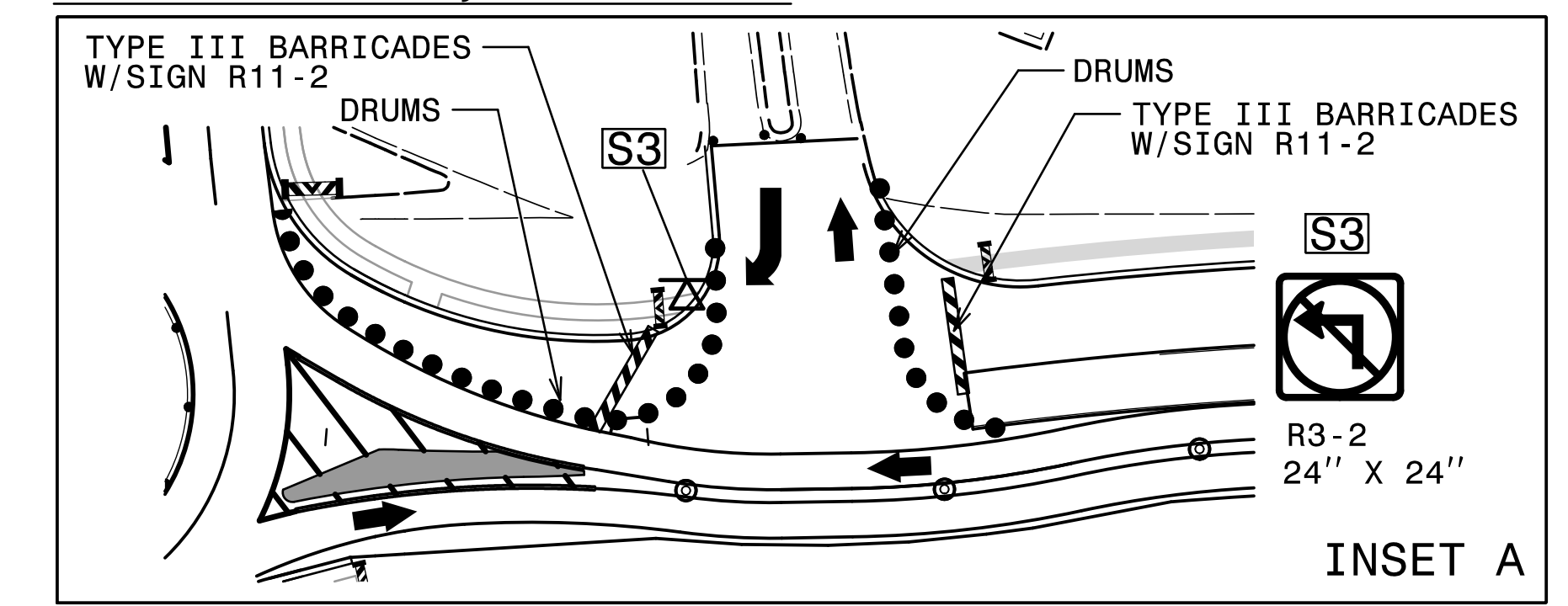
7/16/2024  
V:\C\2024\18-5921\Traffic\TrafficControl\TCP\18-5921\TC\_TMP\_13\PH02 Area A.dgn  
User: jsmelvin

# AREA A - PHASE III

SEE SHEET TMP-17 FOR PHASE III TRAFFIC CONTROL BETWEEN  
-L- STA 15+00± AND  
-L- STA 20+00±



## PHASE III, STEP 2



SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE  
SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT.

APPROVED: *Don A. Parker*  
DATE: 8/26/2024

SEAL


DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

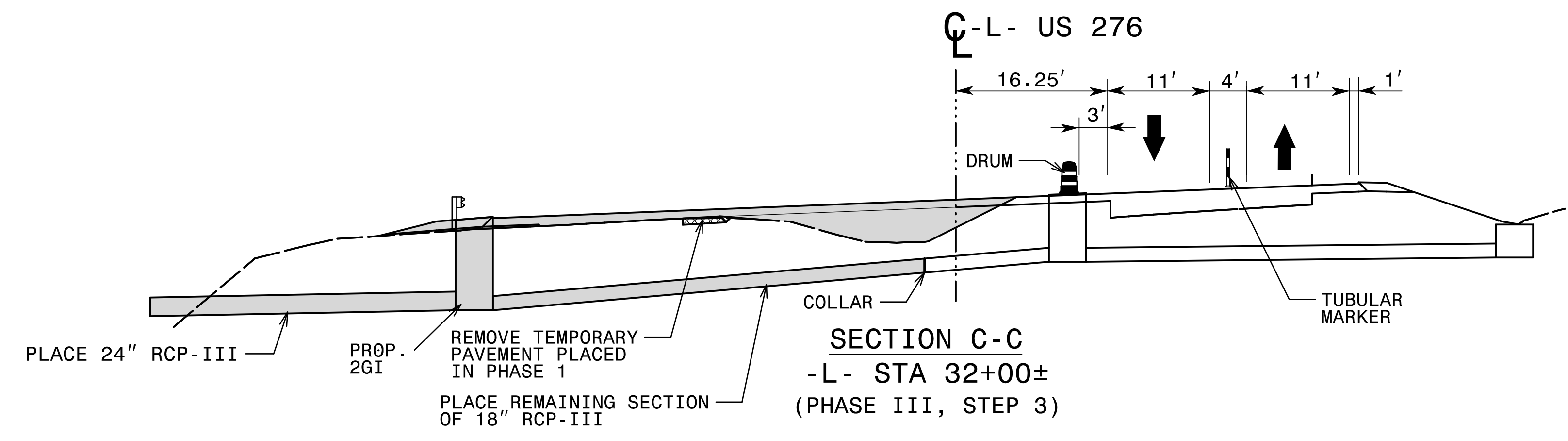
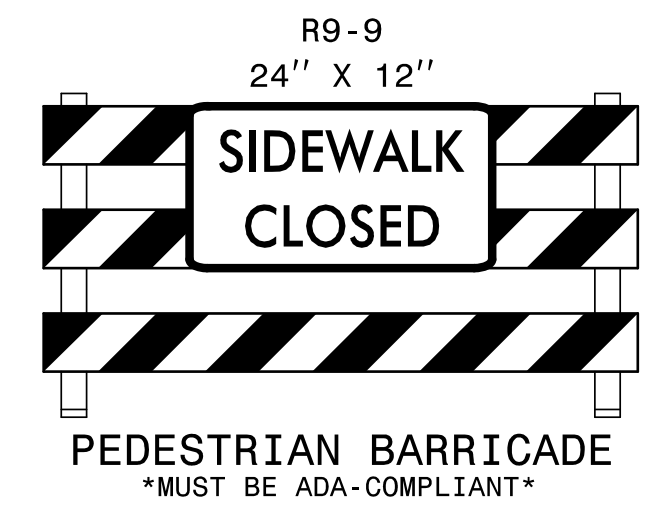
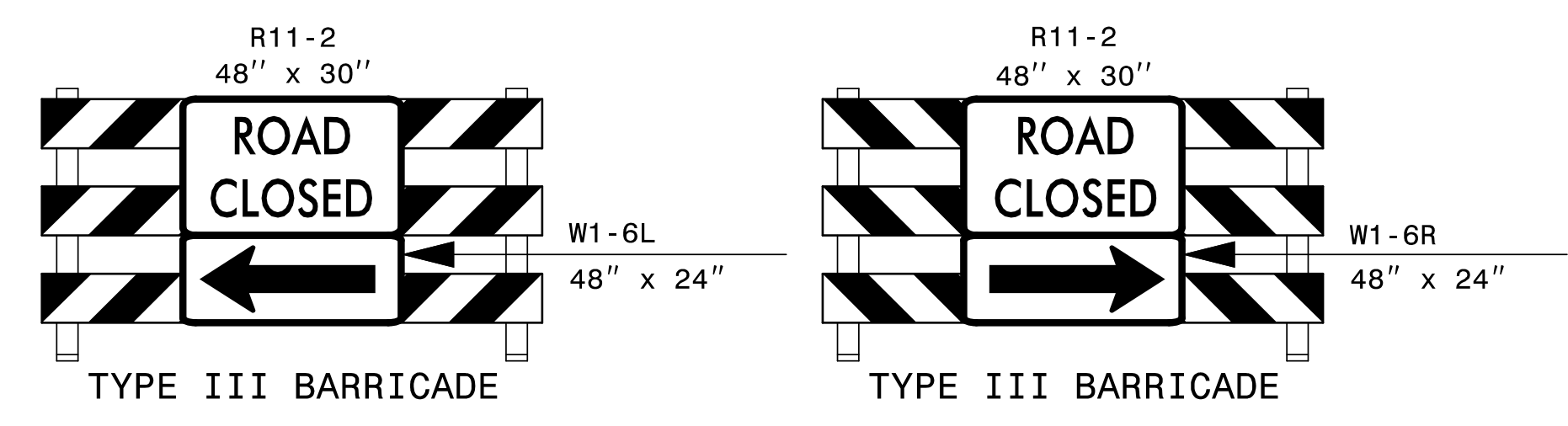
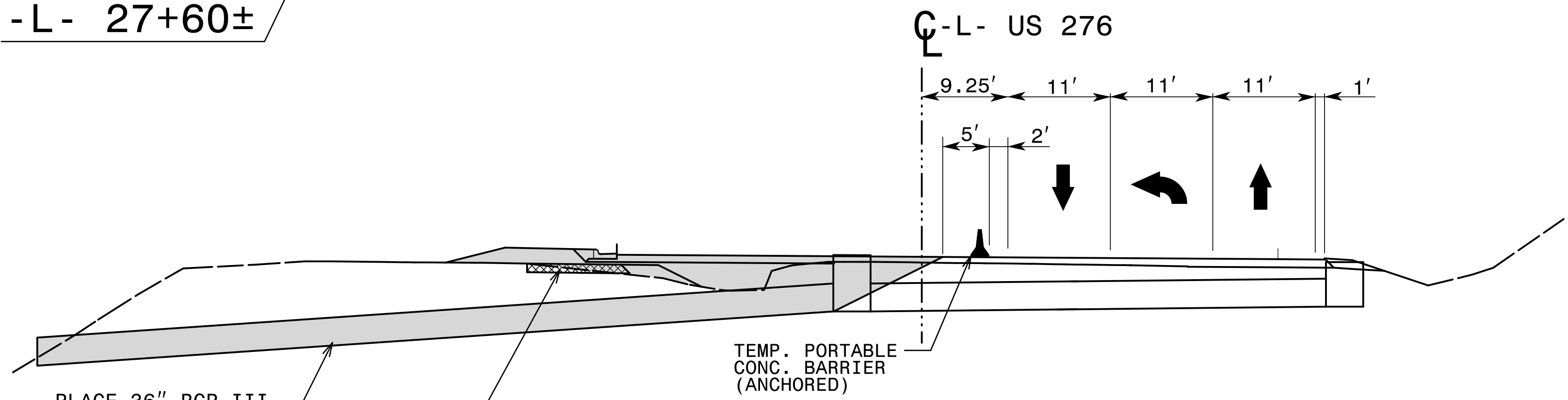
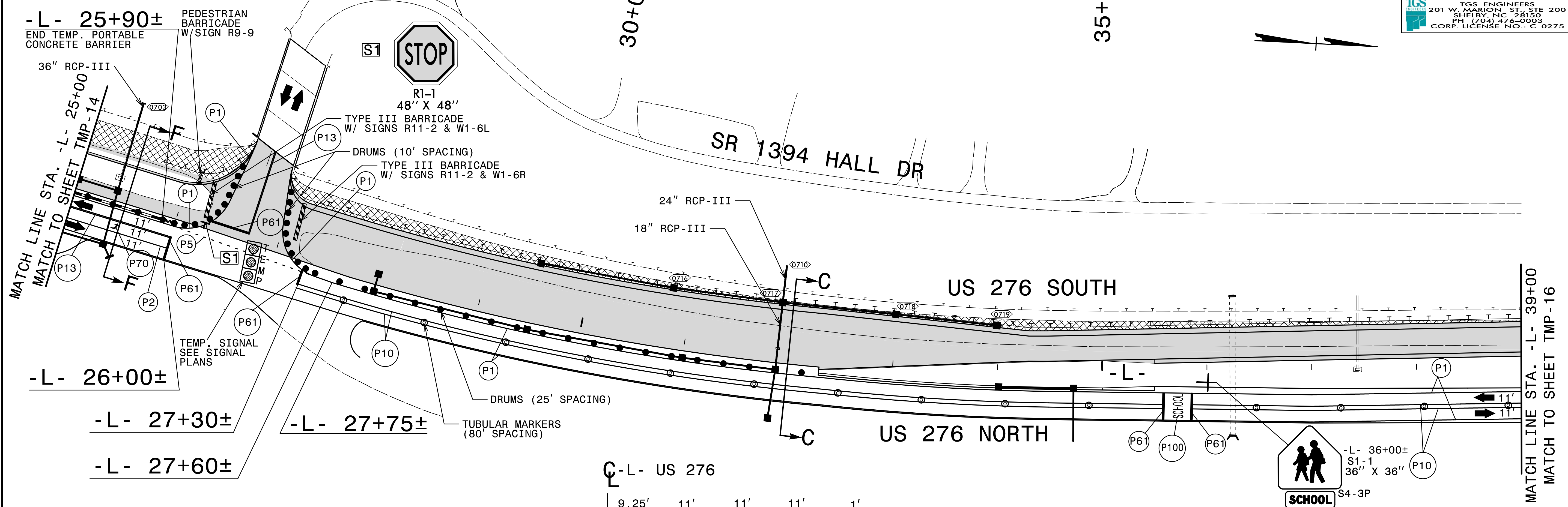
DIVISION OF HIGHWAYS  
STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION  
WORK ZONE TRAFFIC CONTROL

AREA A  
TEMPORARY TRAFFIC CONTROL  
PHASE III DETAIL

7/15/2024  
C:\Users\parker\OneDrive\TrafficControl\TCP\R-5921\TC-TMP\_14\PH03 Area A.dgn  
User: jsmelvin

# AREA A - PHASE III

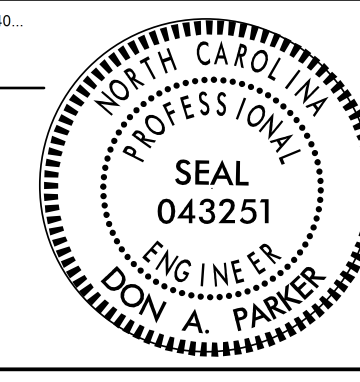
PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-15
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



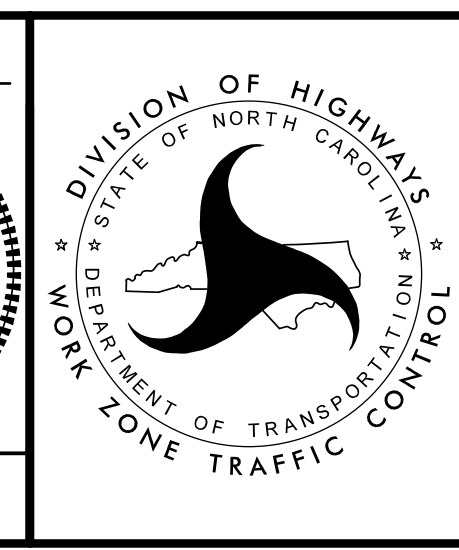
SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE  
 SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT.

APPROVED: *Don A. Parker*  
 DATE: 8/26/2024

SEAL



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

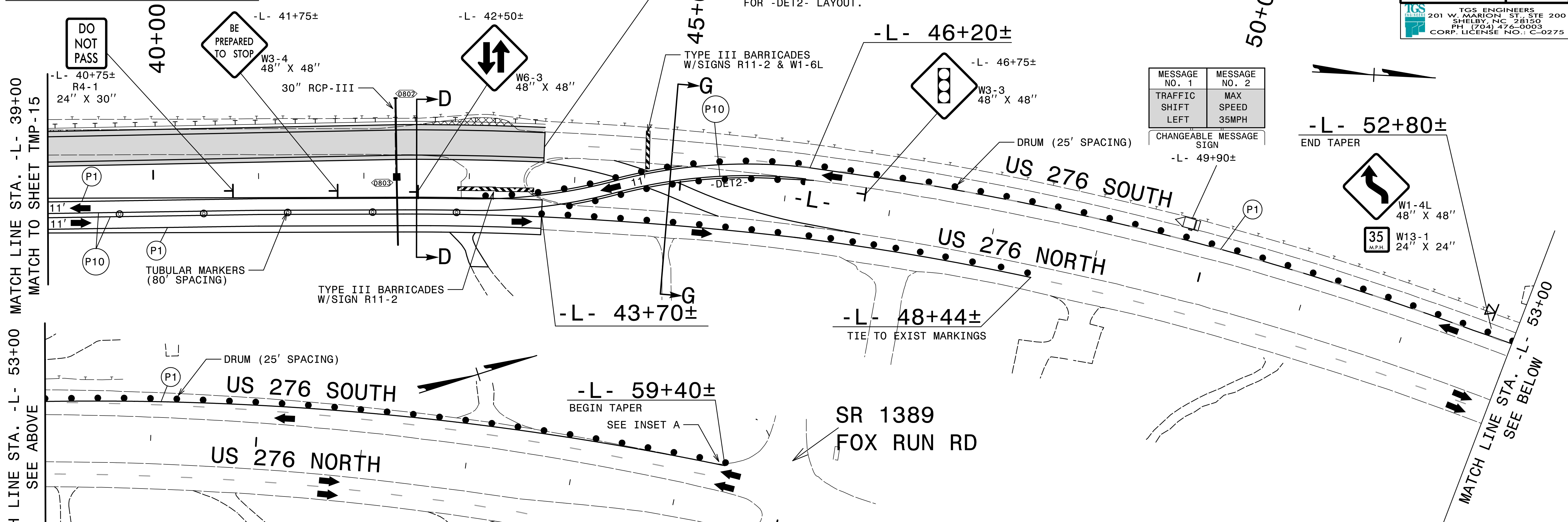


**AREA A  
 TEMPORARY TRAFFIC CONTROL  
 PHASE III DETAIL**

7/16/2024  
 V:\CNC\2024\18716A22A680\TrafficControl\CP\18716A22A680\Area A.dgn  
 User: jsmelvin

# AREA A - PHASE III

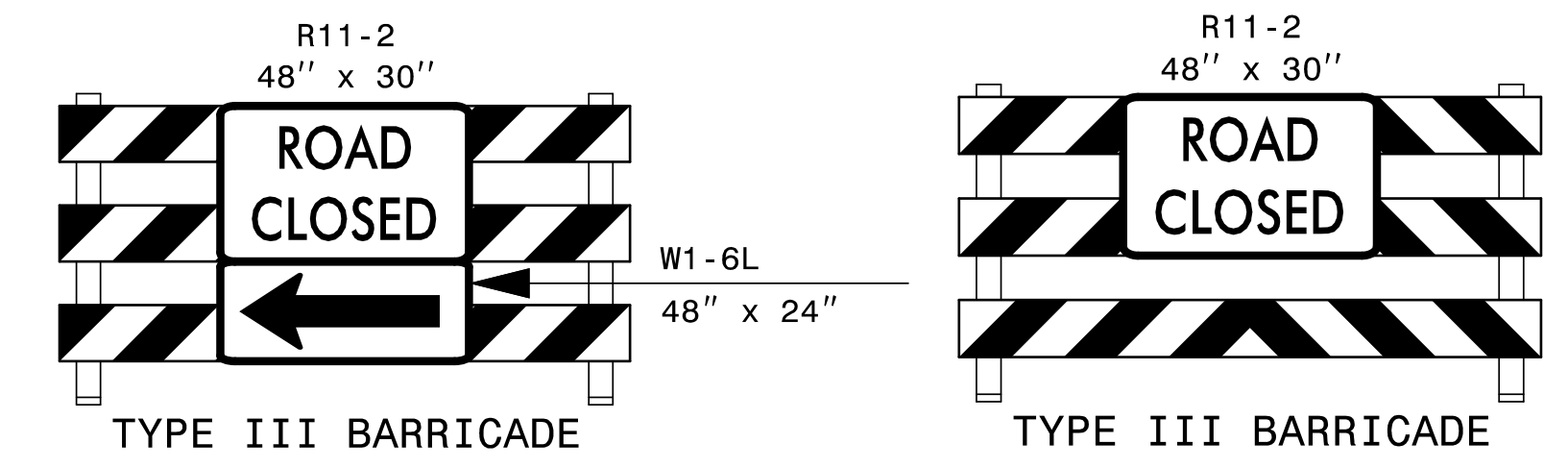
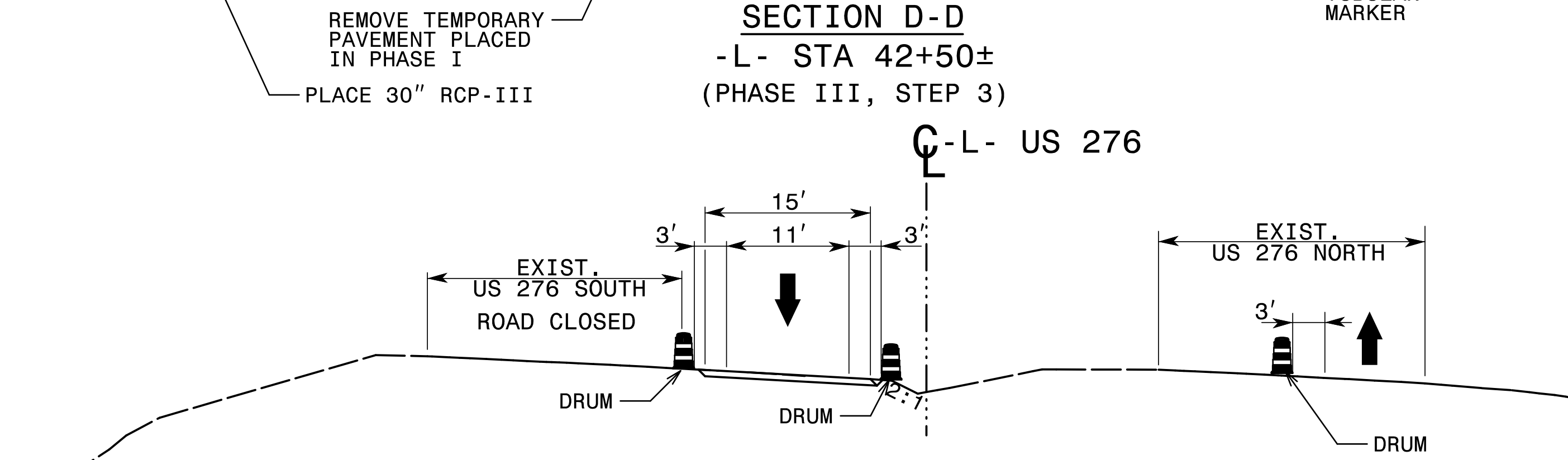
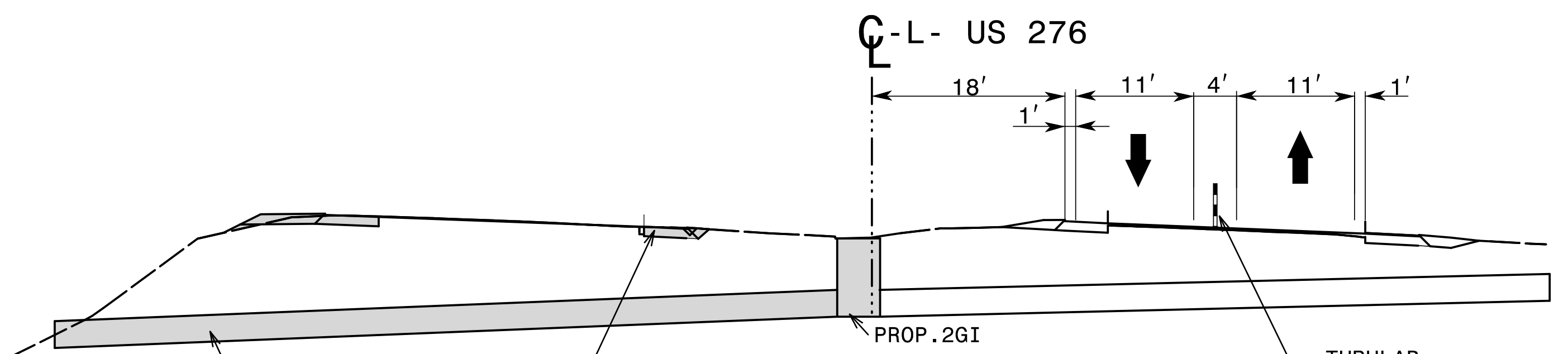
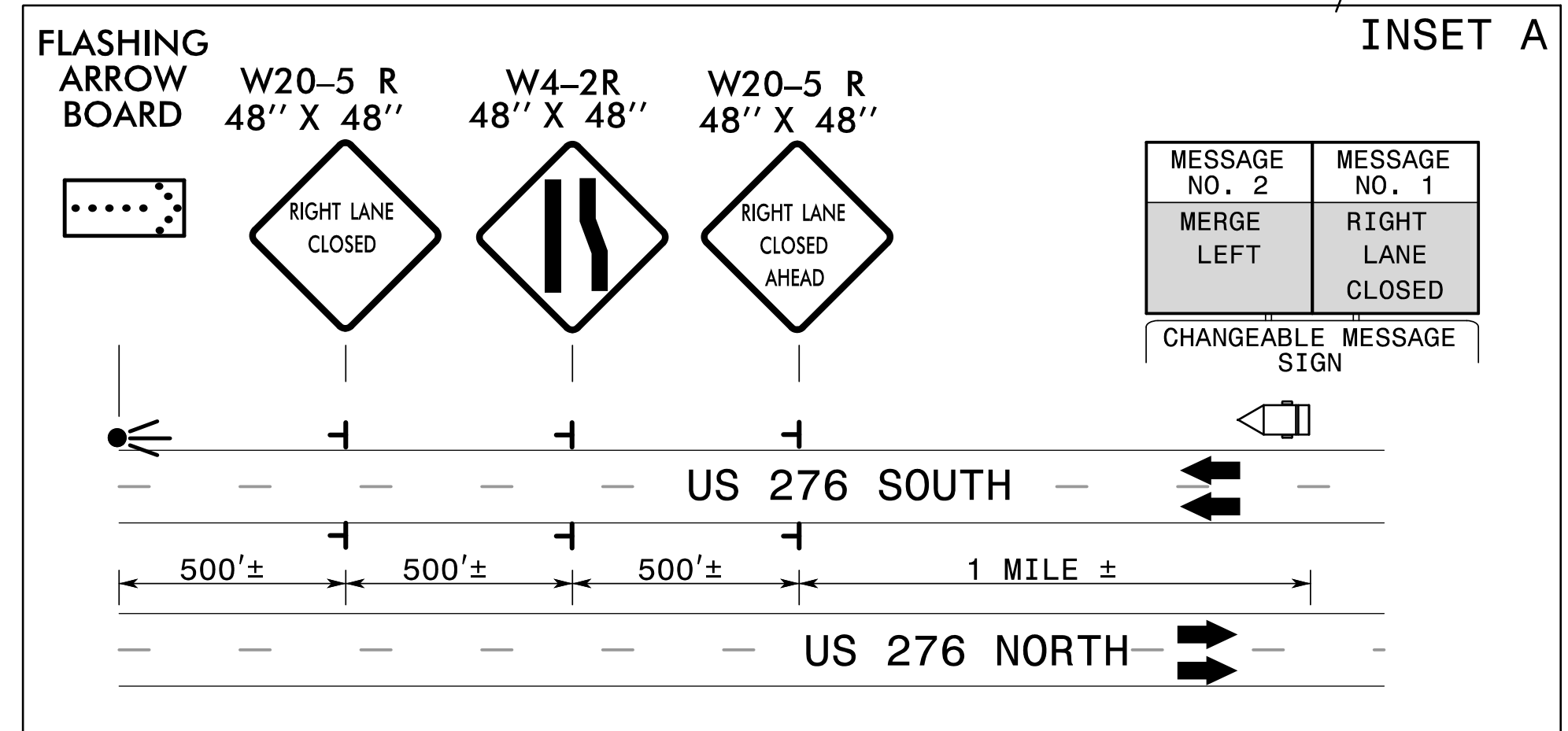
SEE ROADWAY DETAIL SHEET 2B-2 FOR -DET2- LAYOUT.



MATCH LINE STA. -L- 39+00  
MATCH TO SHEET TMP-15

MATCH LINE STA. -L- 53+00  
SEE ABOVE

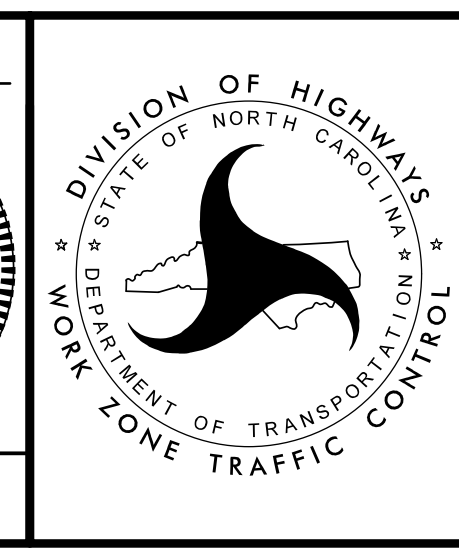
MATCH LINE STA. -L- 53+00  
SEE BELOW



APPROVED: *Don A. Parker*  
DATE: 8/26/2024

SEAL

PROFESSIONAL ENGINEER  
DON A. PARKER  
043251

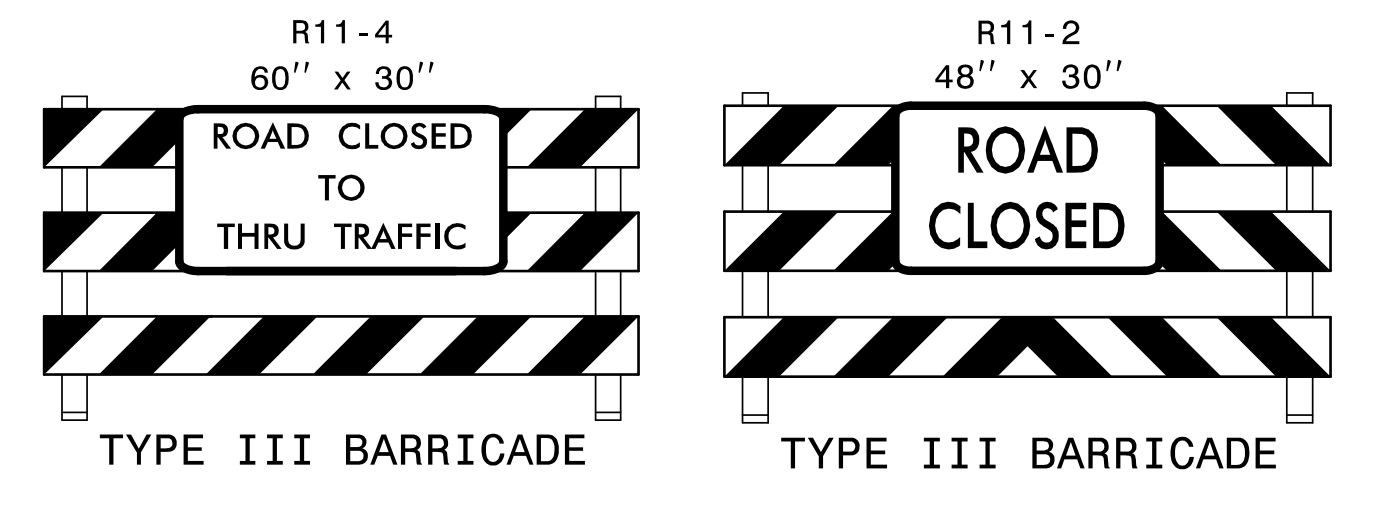
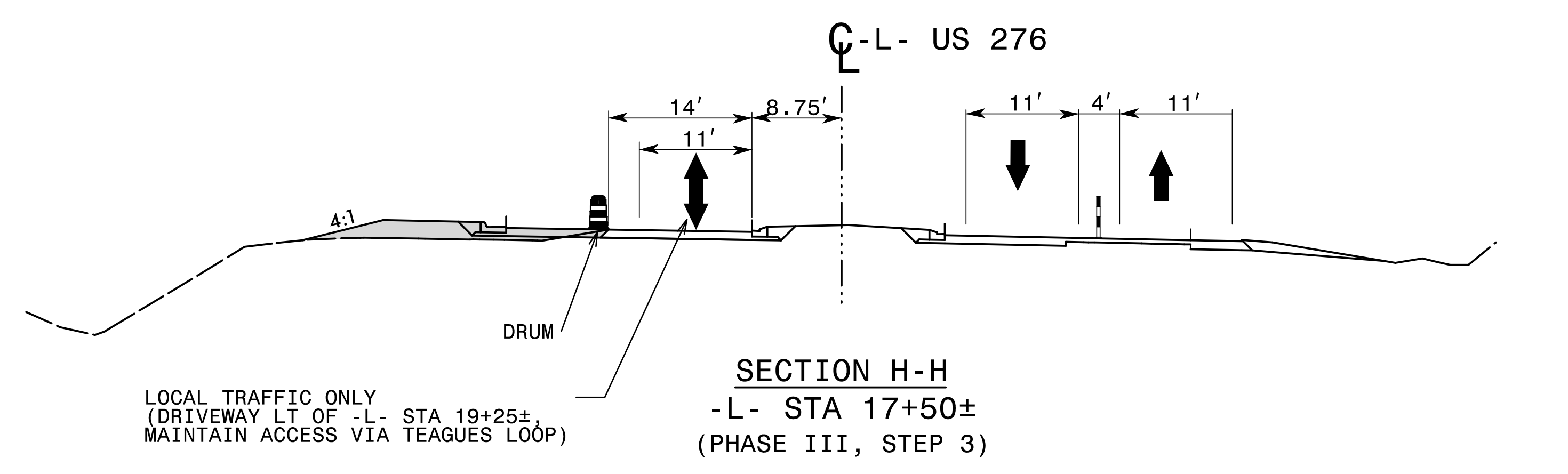
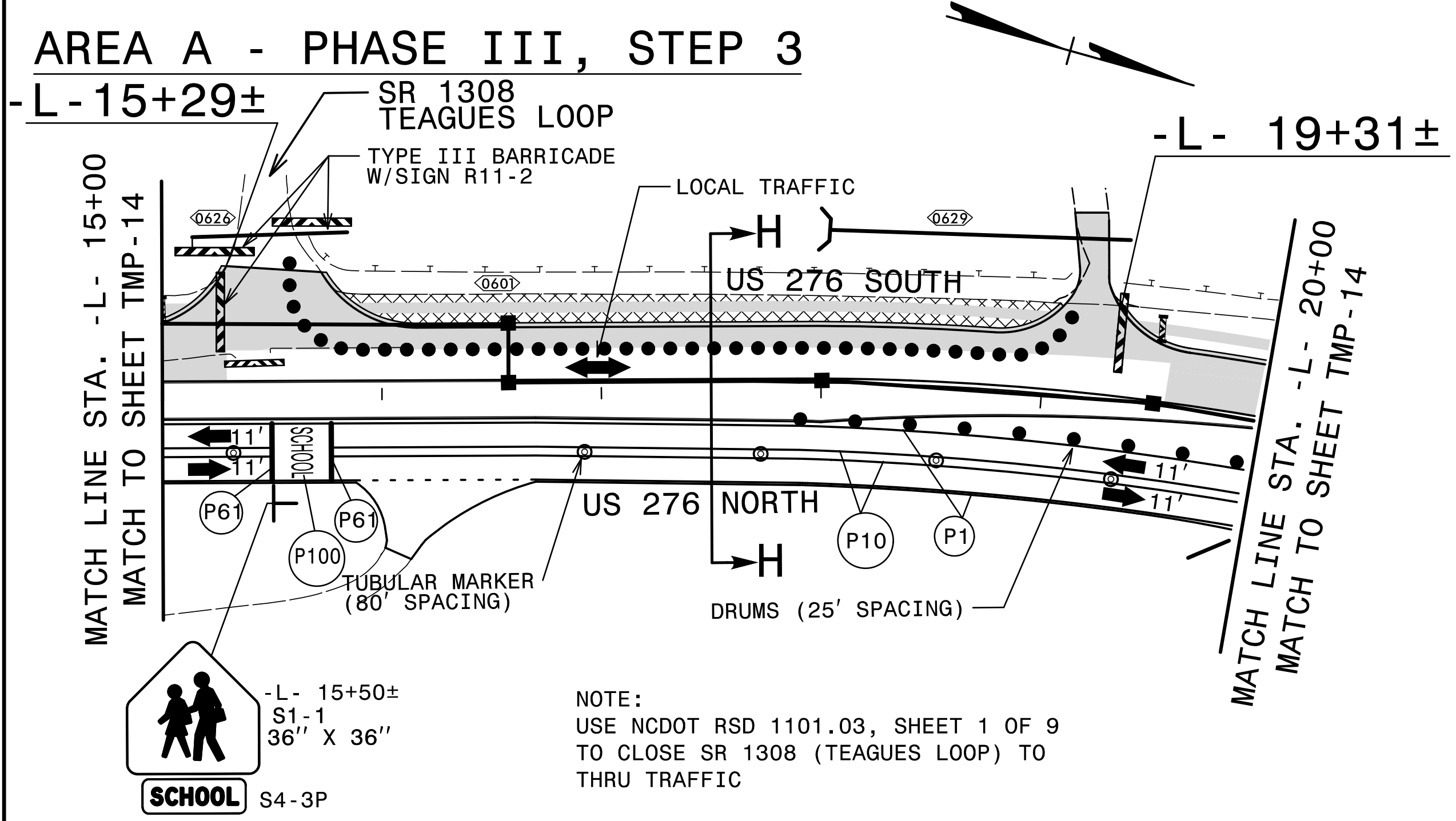
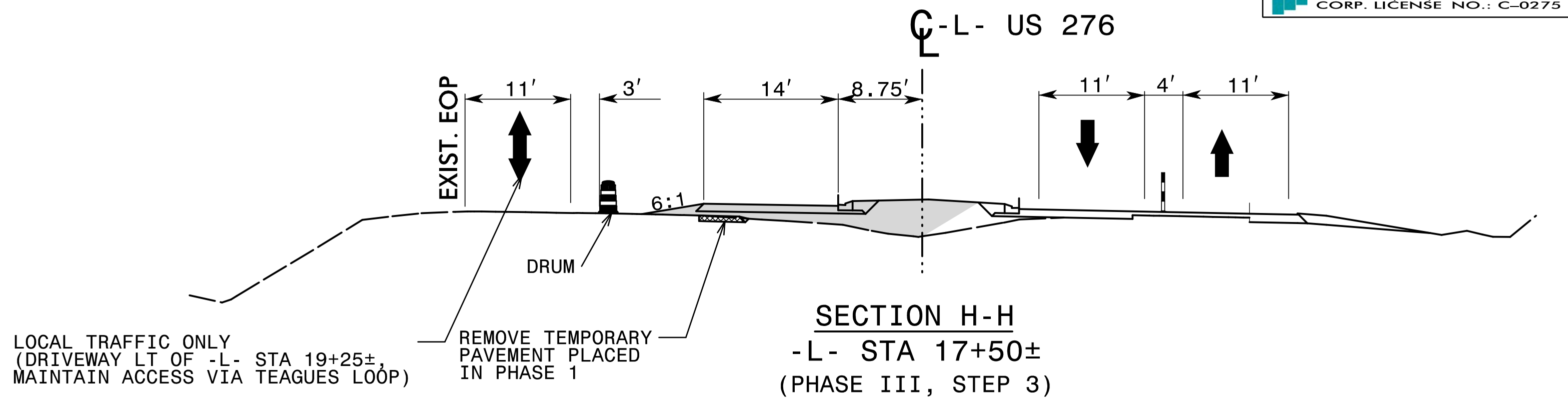
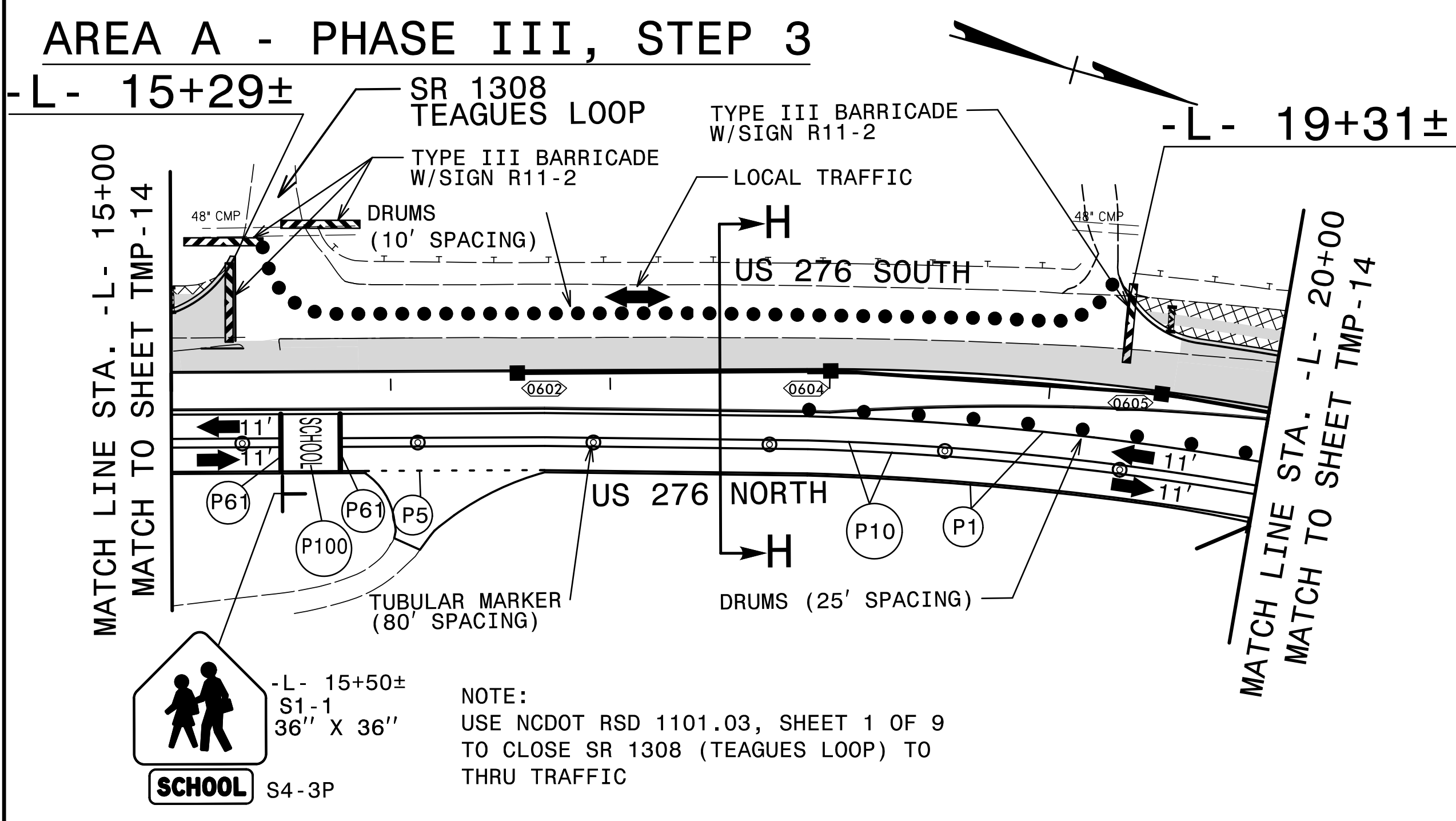


AREA A  
TEMPORARY TRAFFIC CONTROL  
PHASE III DETAIL

SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.  
SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT.

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

7/10/2024  
C:\Users\p5921\Traffic\TrafficControl\TCP\R-5921\TC\_TMP-16\PH03 Area A.dgn  
User: jsmelvin



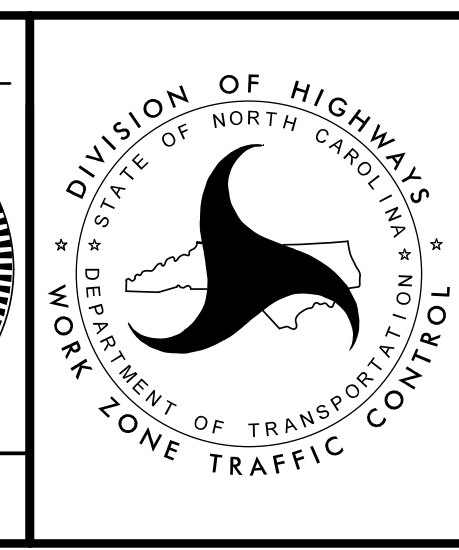
SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE  
 SEE ROADWAY PLANS FOR DRAINAGE LAYOUT.

APPROVED: *Don A. Parker*  
 DATE: 8/26/2024

SEAL

**SEAL**  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 DON A. PARKER  
 043251

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



**AREA A**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE III DETAIL**


**TRAFFIC PATTERN TO ACCESS DRIVEWAYS**

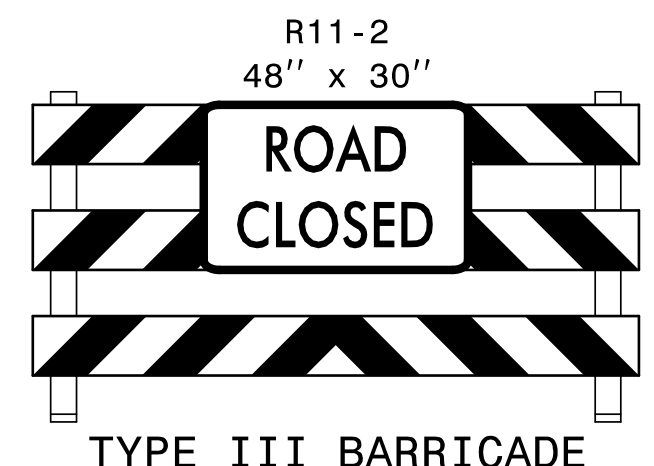
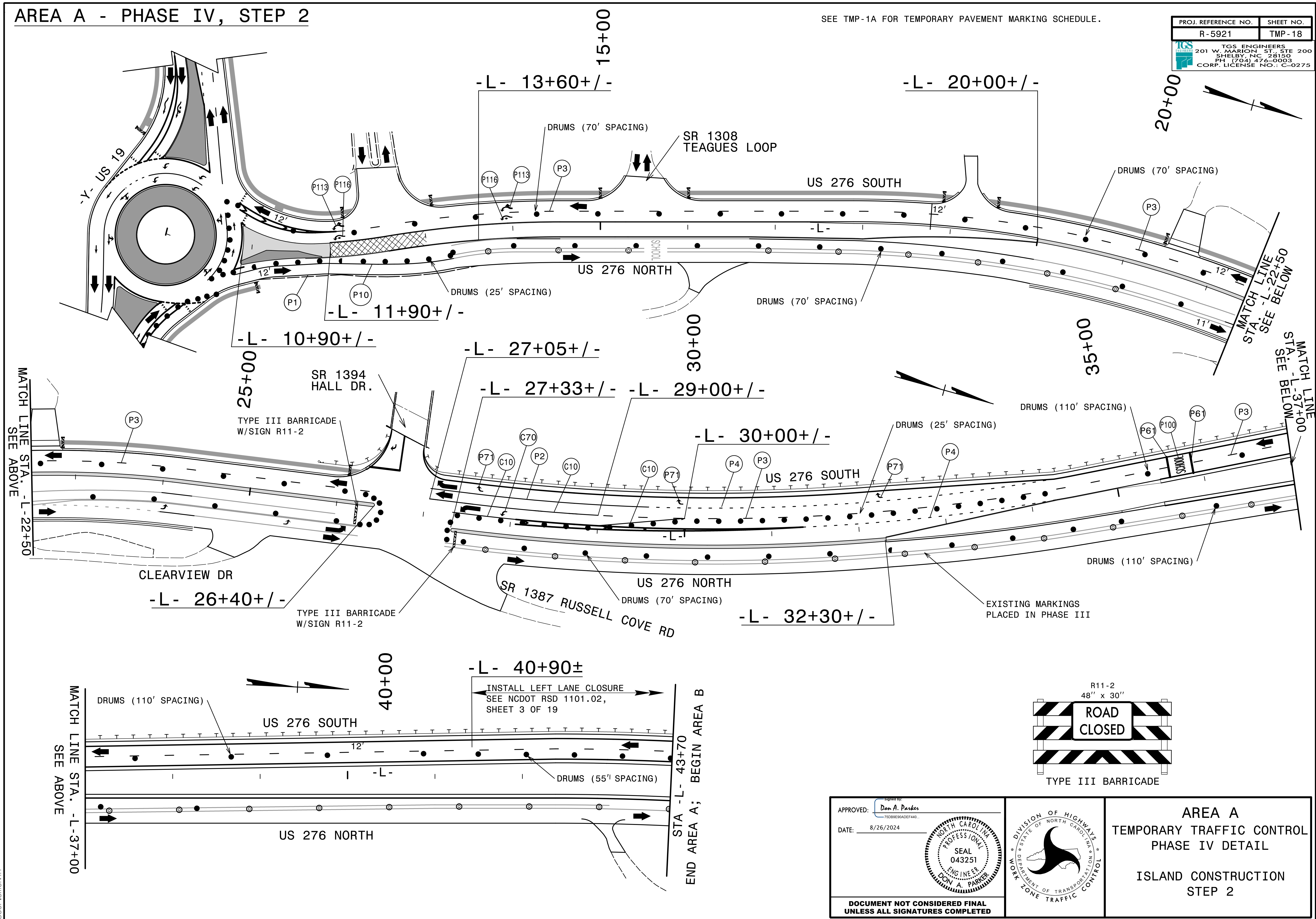
7/16/2024  
 V:\NCDOT\Projects\5921\TrafficControl\CP\R-5921\TC-TMP\_17\PH03 Area A-Local.dgn  
 User: jsmelvin



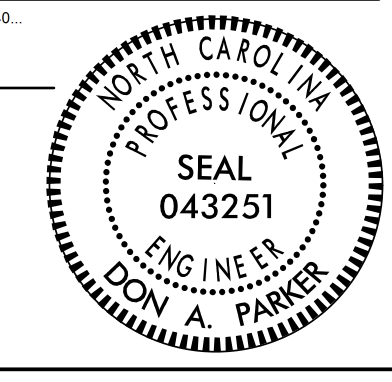
# AREA A - PHASE IV, STEP 2

SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.

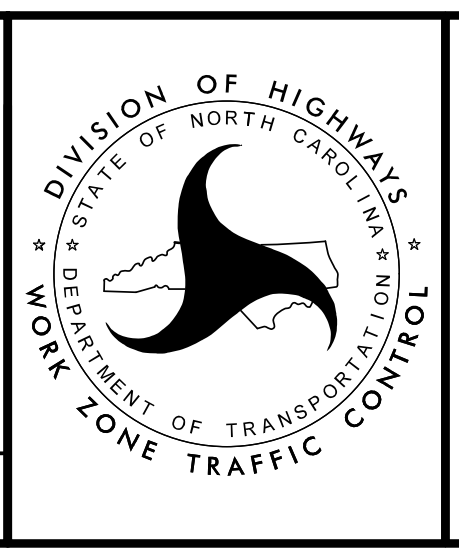
PROJ. REFERENCE NO. R-5921	SHEET NO. TMP-18
 <b>TGS ENGINEERS</b> 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



APPROVED: *Don A. Parker*  
7508B690ADEF440...  
 DATE: 8/26/2024



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




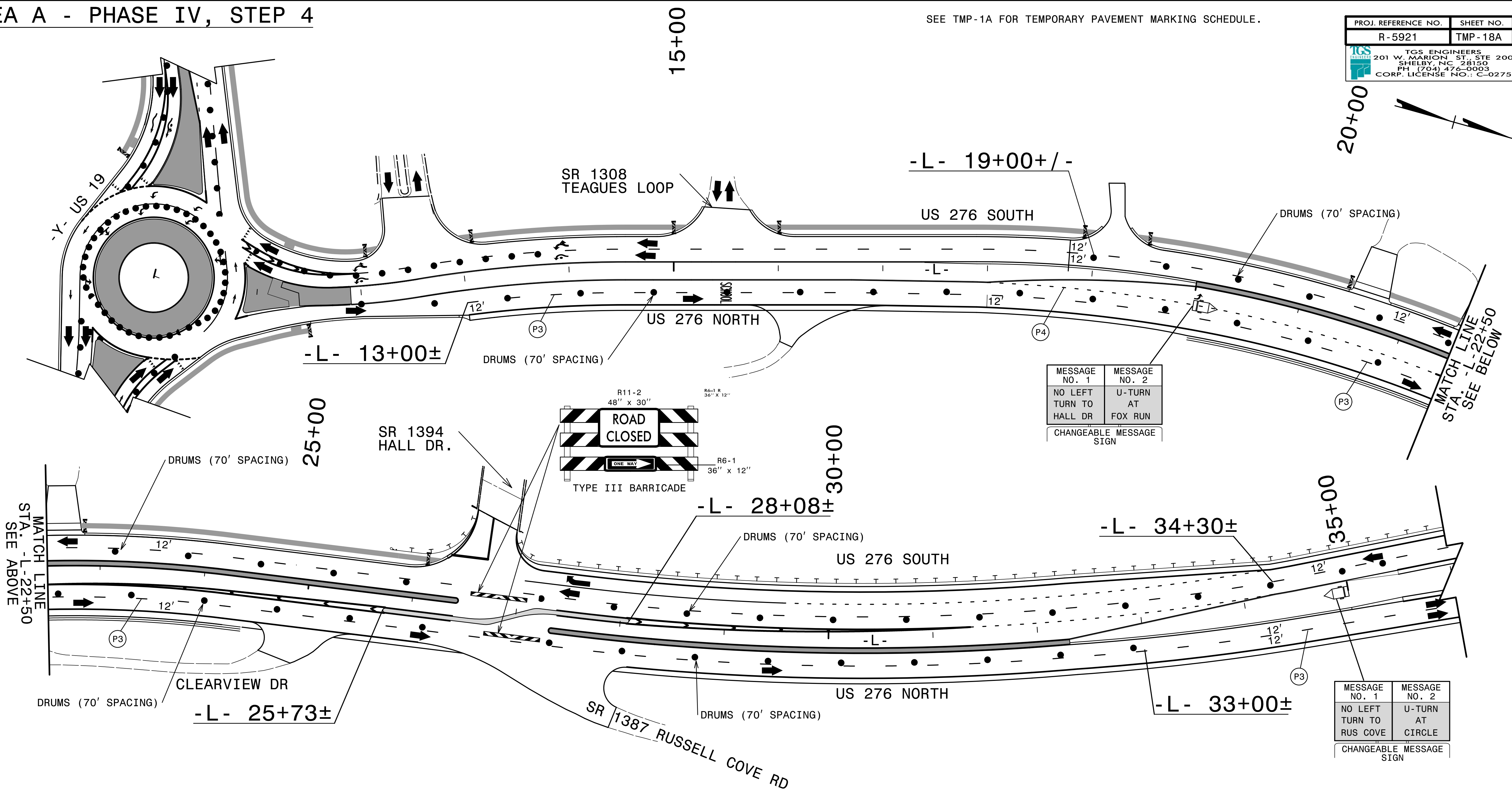
**AREA A**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE IV DETAIL**  
**ISLAND CONSTRUCTION**  
**STEP 2**

7/10/2024  
 X:\NCDOT\AR-5921\TrafficControl\TCP\AR-5921\_TC\_TMP\_18\PH04 Area A.dgn  
 User: smelvin

# AREA A - PHASE IV, STEP 4

SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.

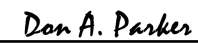
PROJ. REFERENCE NO. R-5921	SHEET NO. TMP-18A
 <b>TGS ENGINEERS</b> 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

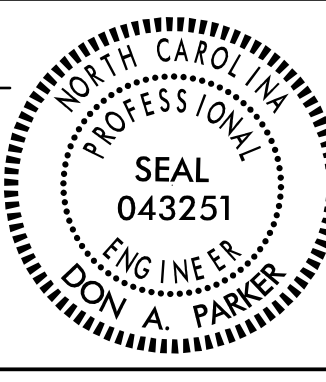


MESSAGE NO. 1 NO LEFT TURN TO HALL DR	MESSAGE NO. 2 U-TURN AT FOX RUN
CHANGEABLE MESSAGE SIGN	

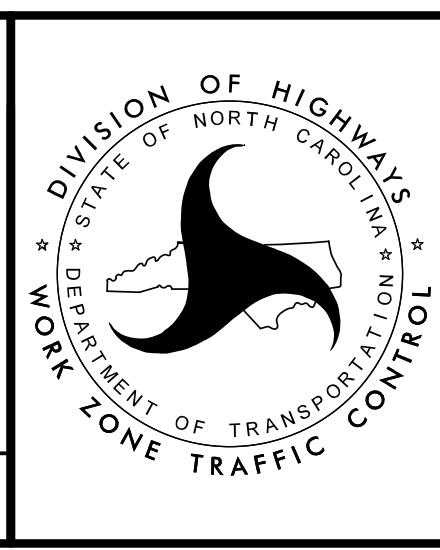
MESSAGE NO. 1 NO LEFT TURN TO RUS COVE	MESSAGE NO. 2 U-TURN AT RUSSEL COVE
CHANGEABLE MESSAGE SIGN	

7/16/2024 1:00:00 PM User: jsmelvin

APPROVED:  **Don A. Parker**  
 75DB9E90ADEP440  
 DATE: 8/26/2024




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

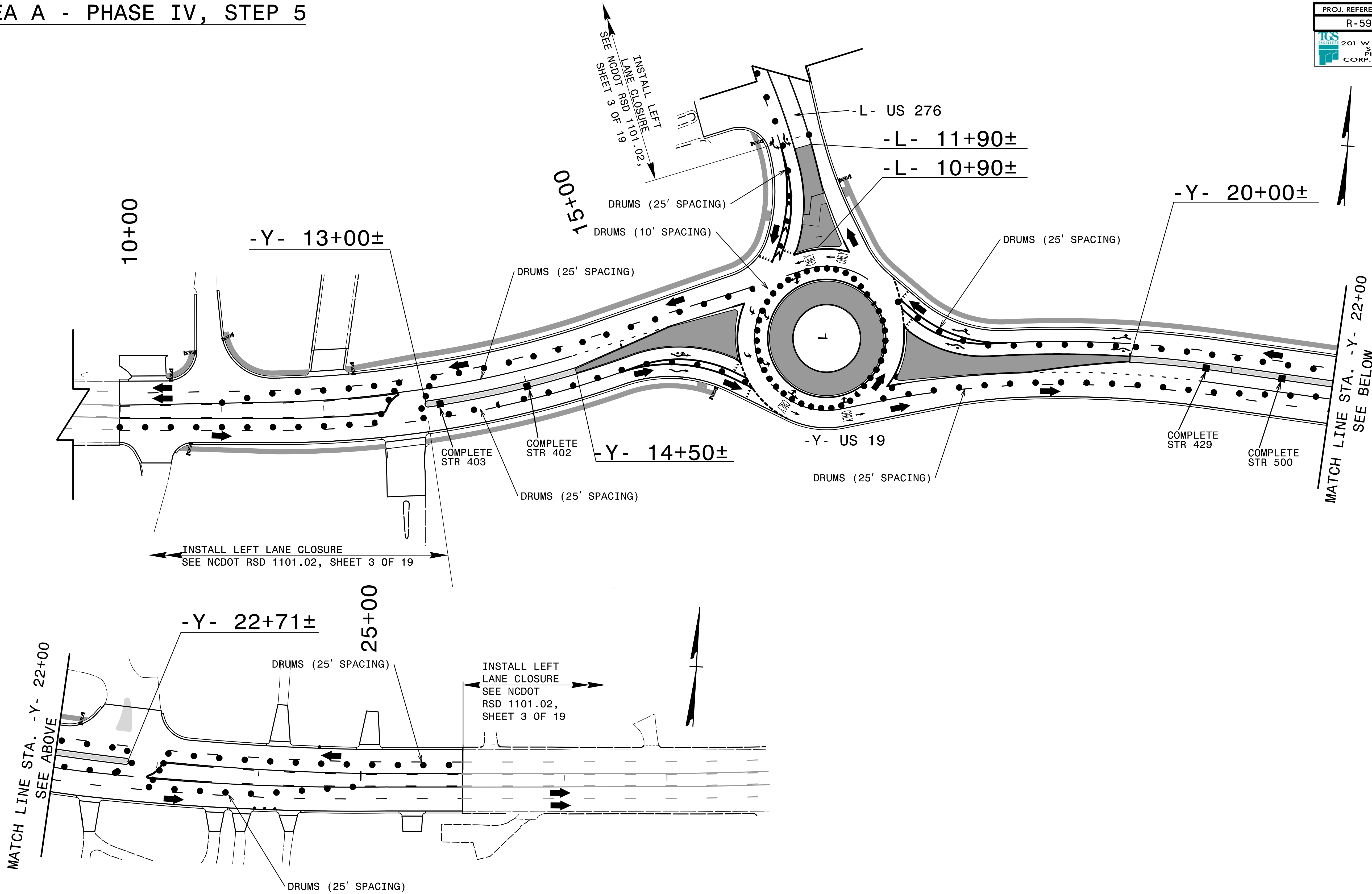


**AREA A**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE IV DETAIL**

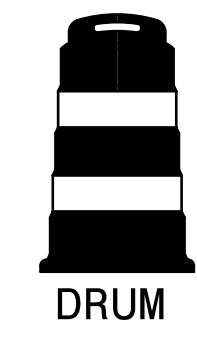
ISLAND CONSTRUCTION  
 STEP 4

# AREA A - PHASE IV, STEP 5

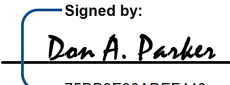
PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-18B
 <b>TGS ENGINEERS</b> 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



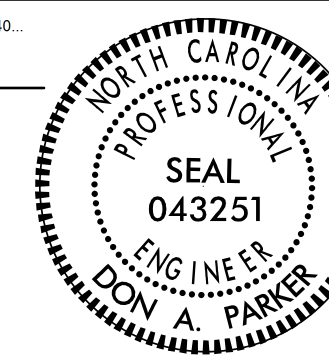
7/10/2024  
Z:\NCDOT\Projects\5921\Traffic\TrafficControl\TCP\R-5921\TC\_TMP\_18B\PH04\_Area A.dgn  
User: jsmelvin



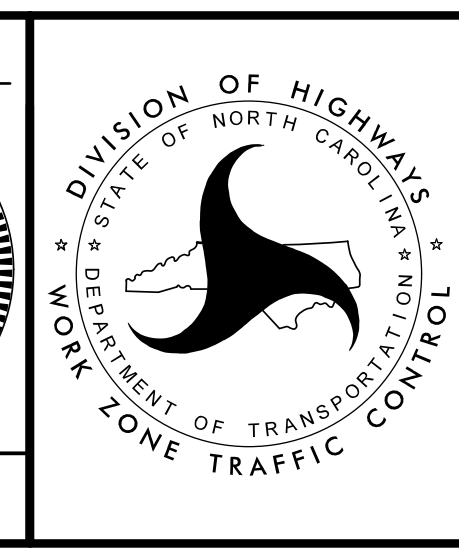
DRUM

APPROVED:   
 DATE: 8/26/2024

SEAL




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

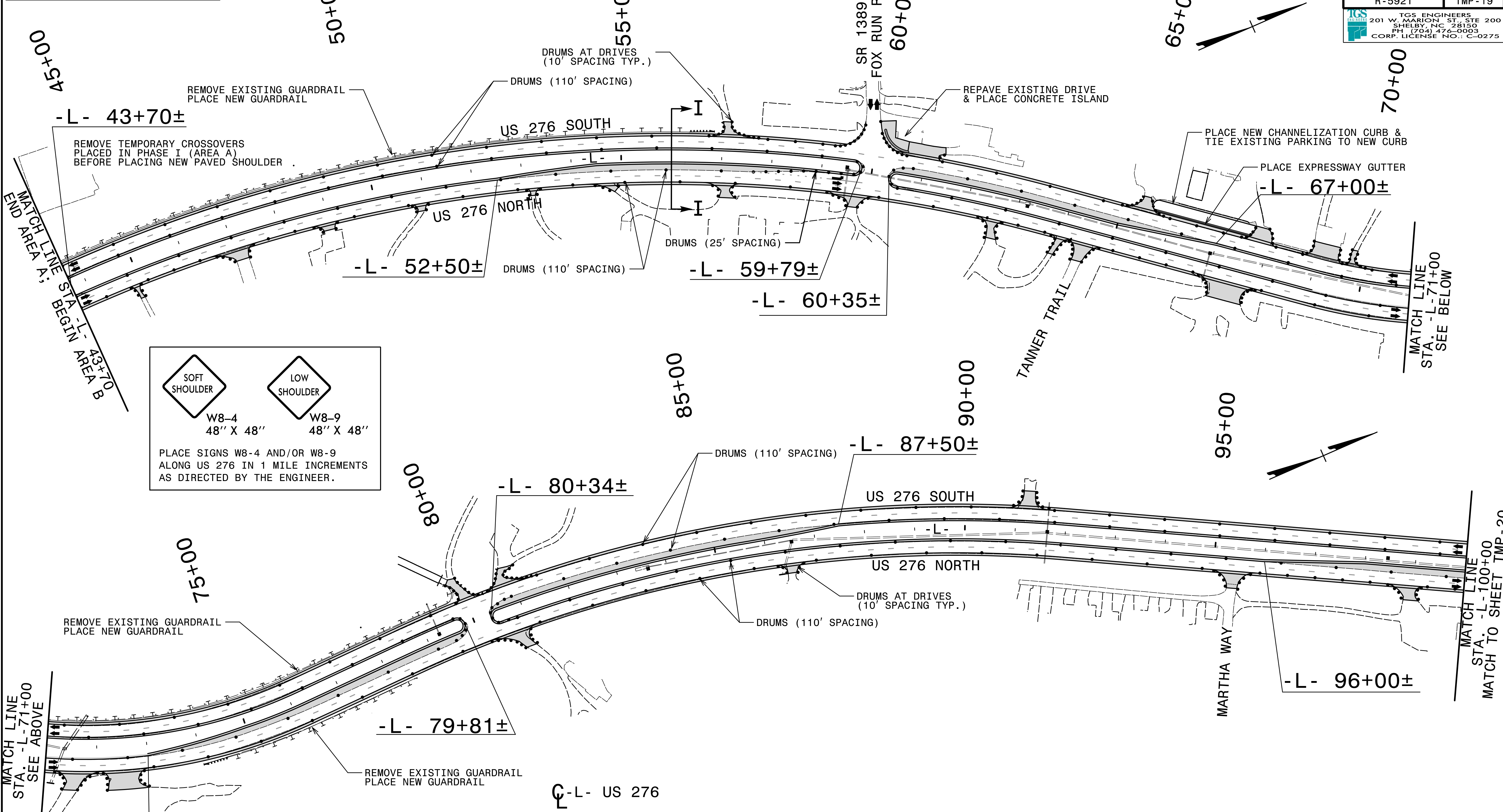


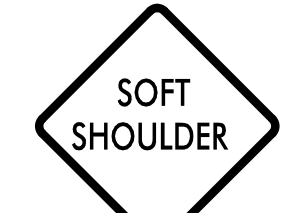
**AREA A**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE IV DETAIL**

**ISLAND CONSTRUCTION**  
**STEP 5**


# AREA B - PHASE I

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-19
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



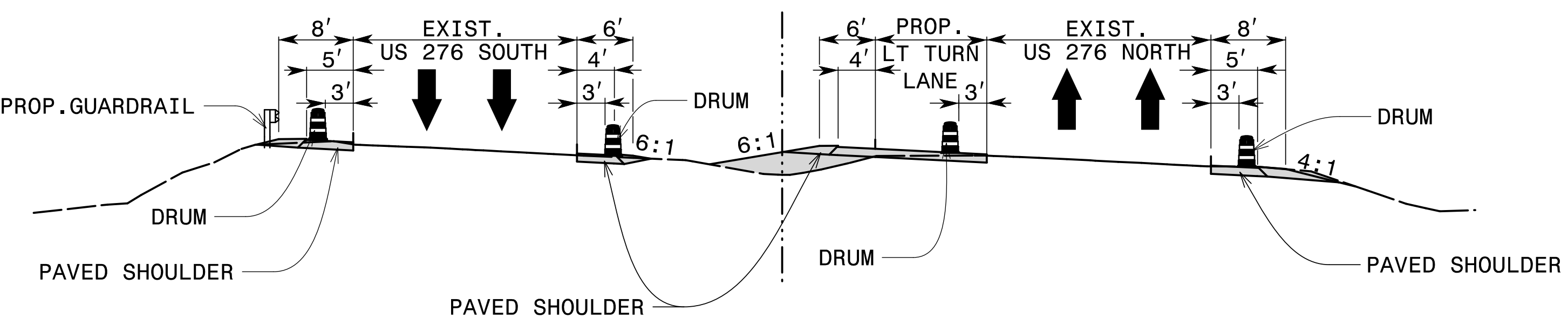


SOFT SHOULDER  
W8-4  
48" X 48"




LOW SHOULDER  
W8-9  
48" X 48"

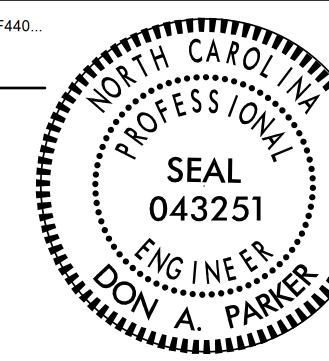
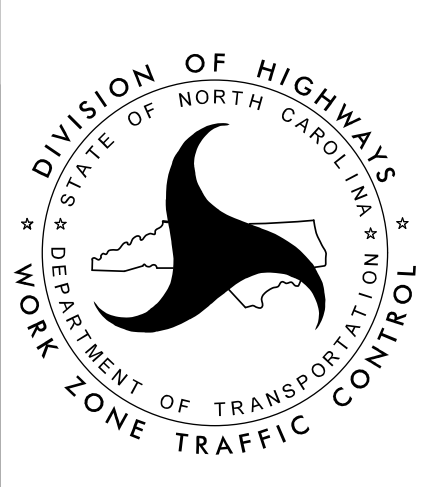
PLACE SIGNS W8-4 AND/OR W8-9 ALONG US 276 IN 1 MILE INCREMENTS AS DIRECTED BY THE ENGINEER.



SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT  
EXISTING PAVEMENT MARKINGS NOT COMPLETE,  
FOR INFORMATIONAL PURPOSE ONLY

APPROVED:   
 DATE: 8/26/2024

SEAL





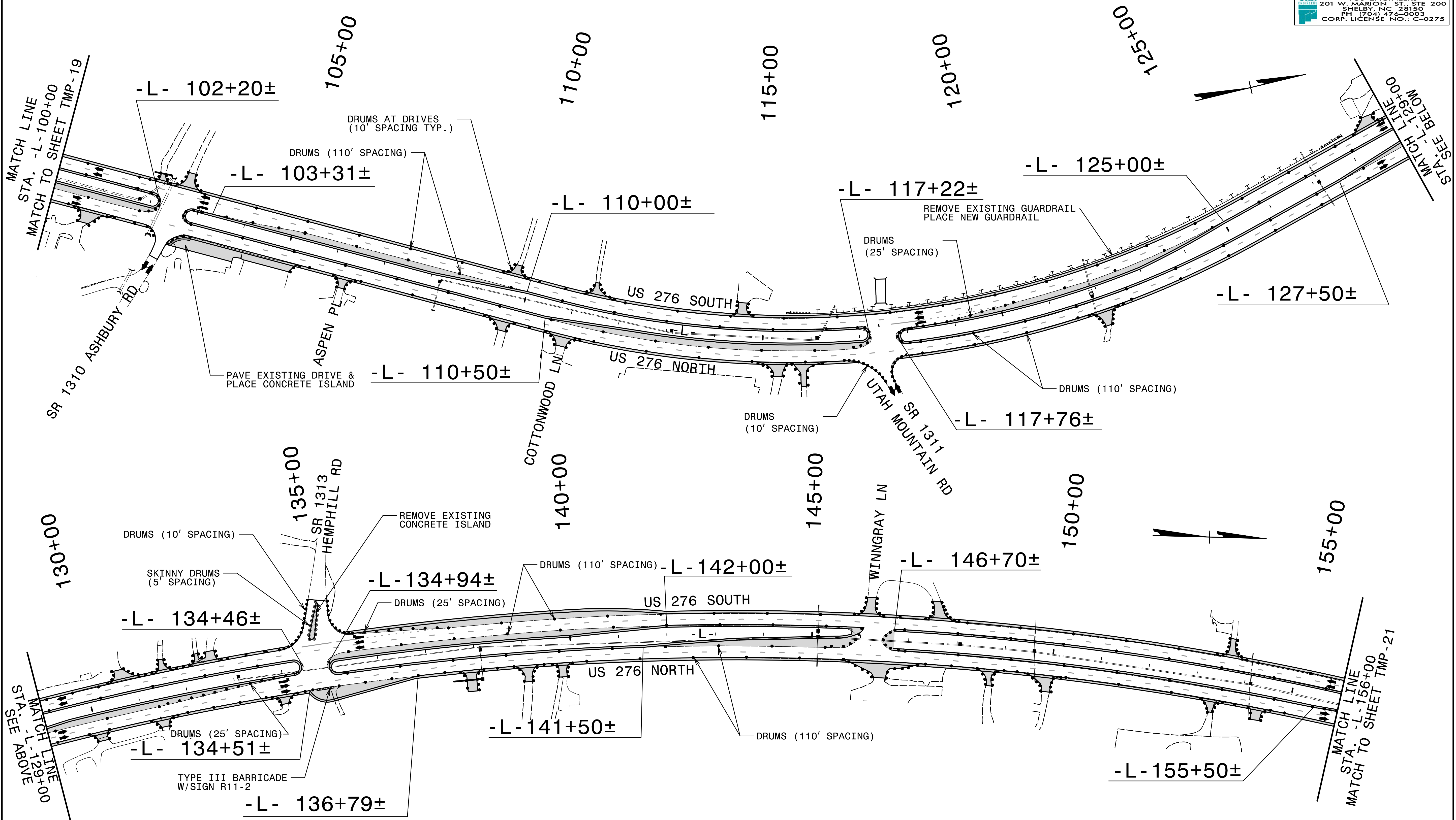
**AREA B**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE I OVERVIEW**

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

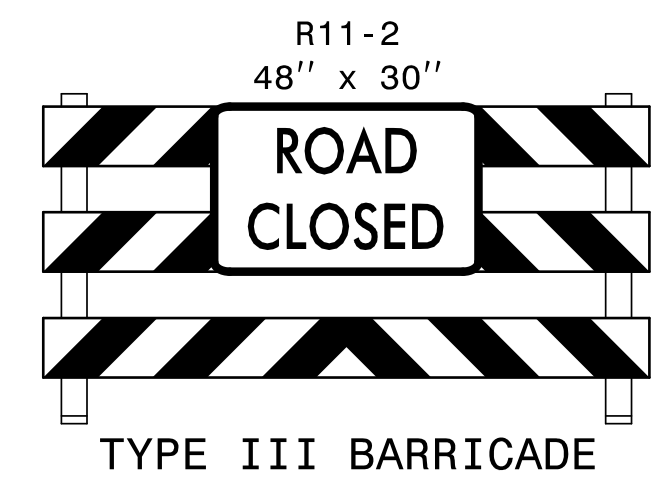
7/10/2024  
 V:\00000000\TrafficControl\TrafficControl\TCP\R-5921\TC-TMP\_19\PH01Area B.dgn  
 User: jsmelvin

# AREA B - PHASE I

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-20
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

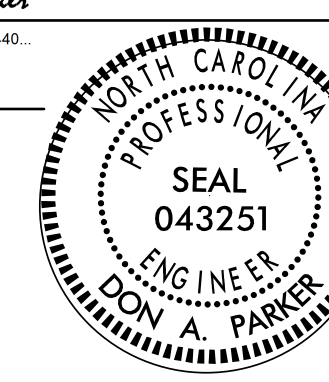


SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT.  
 EXISTING PAVEMENT MARKINGS NOT COMPLETE,  
 FOR INFORMATIONAL PURPOSE ONLY

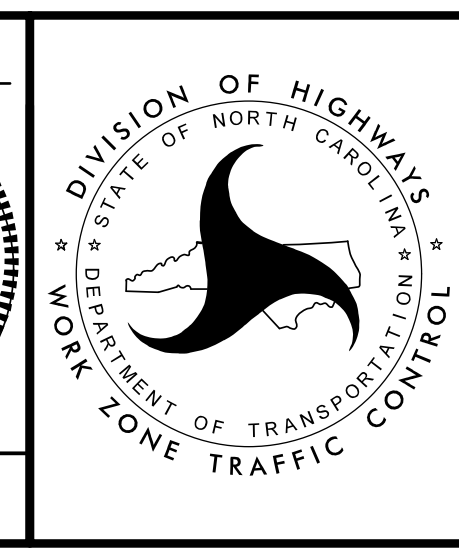


APPROVED: *Don A. Parker*  
 DATE: 8/26/2024

SEAL




DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

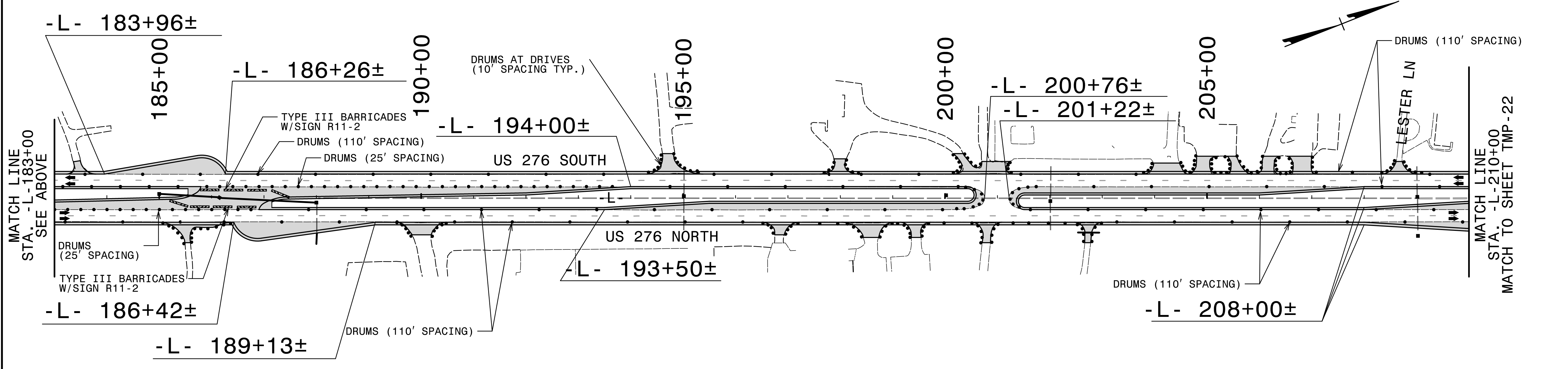
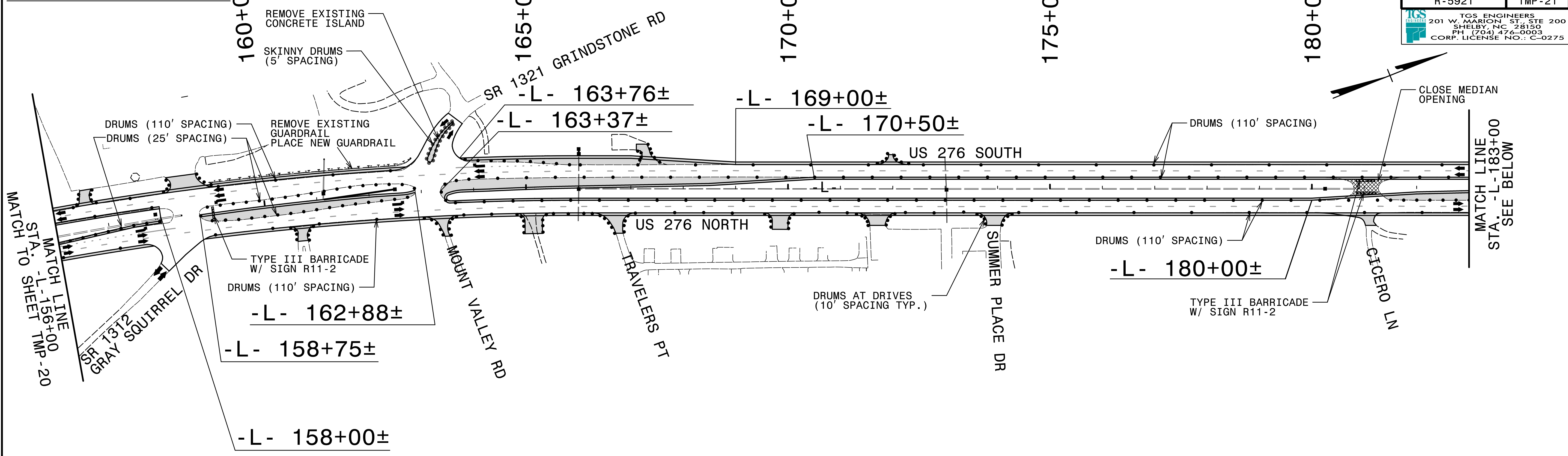


**AREA B**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE I OVERVIEW**

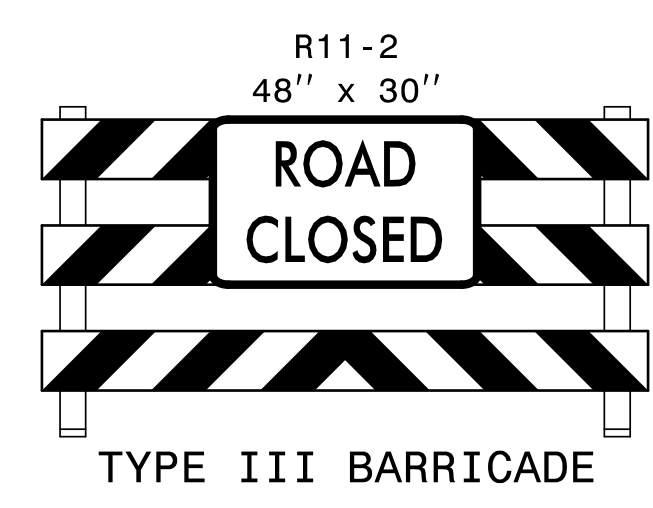
7/10/2024  
 T:\01\06\2024\10-5921\Traffic\TrafficControl\TCP\R-5921\TC-TMP-20(PH01)Area B.dgn  
 User: jsmelvin

# AREA B - PHASE I

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-21
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 474-0003 CORP. LICENSE NO.: C-0275	

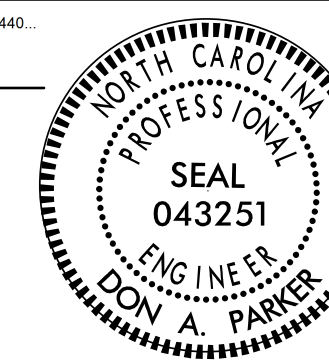


SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT.  
 EXISTING PAVEMENT MARKINGS NOT COMPLETE,  
 FOR INFORMATIONAL PURPOSE ONLY

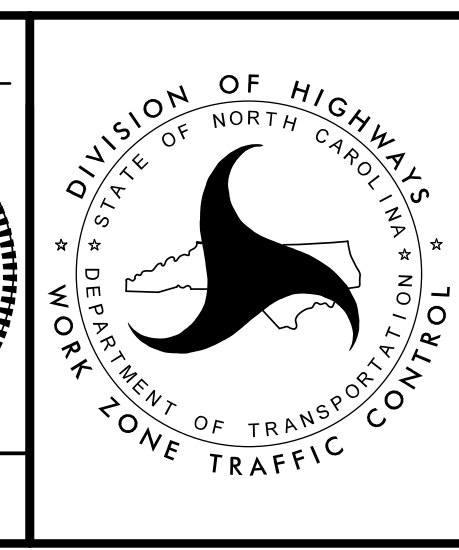


APPROVED: *Don A. Parker*  
 DATE: 8/26/2024

SEAL




DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

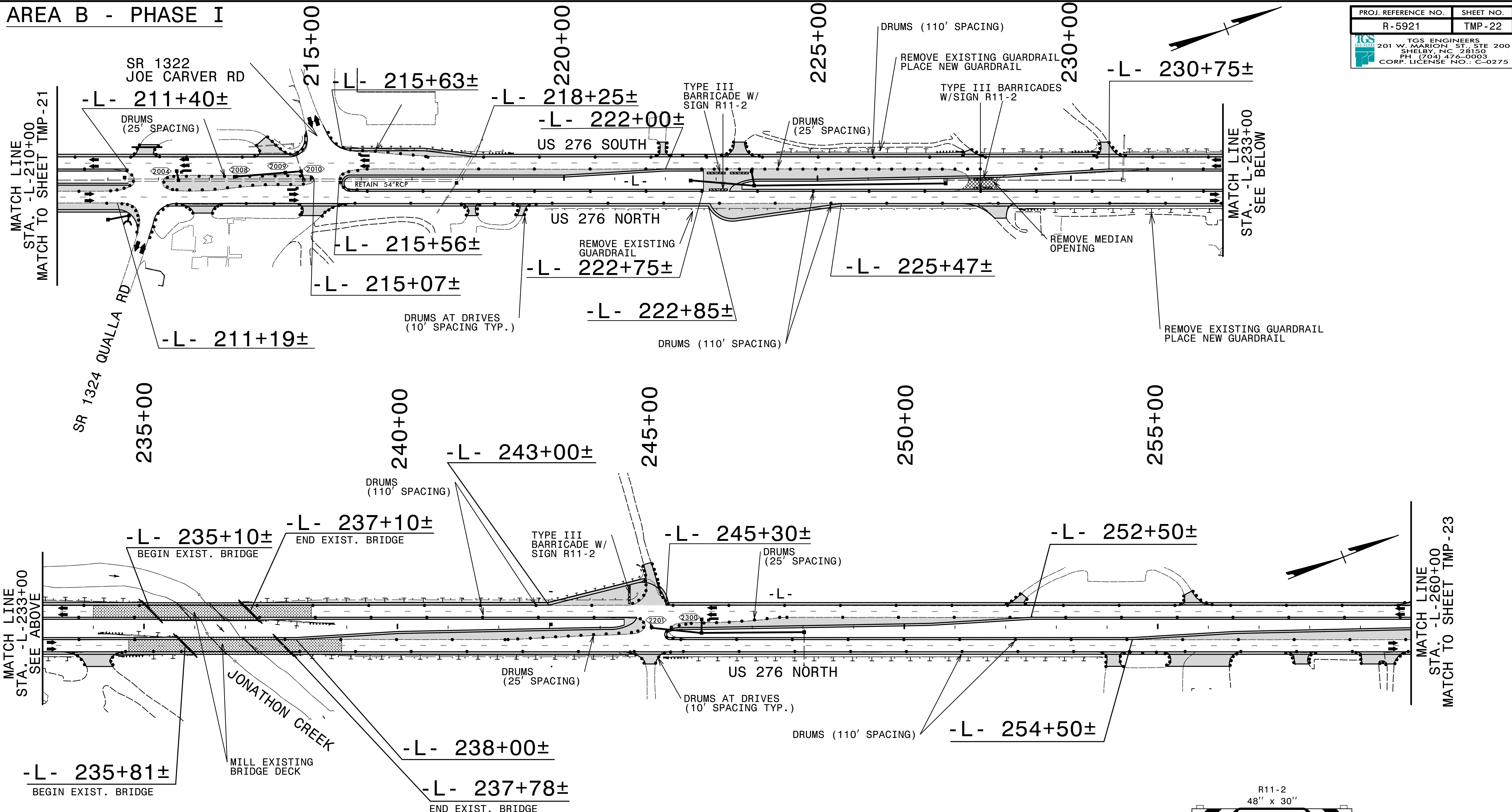


AREA B  
 TEMPORARY TRAFFIC CONTROL  
 PHASE I OVERVIEW

7/16/2024  
 V:\NC\2024\181-183+00\Traffic\TrafficControl\TCP\R-5921\TC-TMP-21\PH01Area B.dgn  
 User: jsmelvin

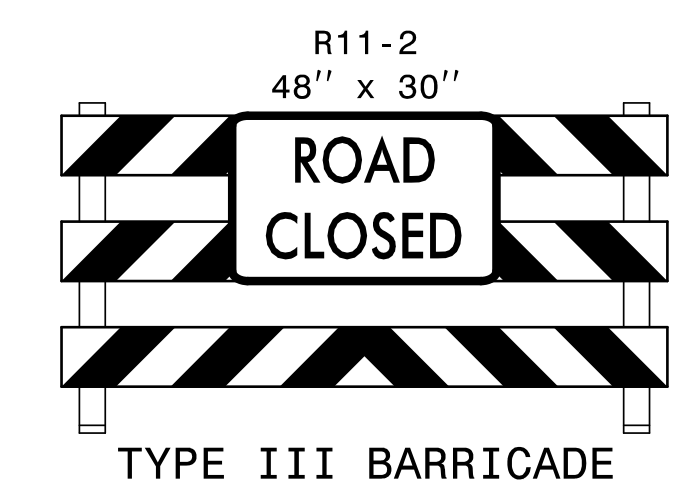
# AREA B - PHASE I

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-22
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO. C-0275	



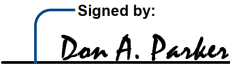
### NOTES:

1. DRAINAGE STRUCTURES 2004, 2008, 2009, 2010, 2201, AND 2300 SHALL BE PRE-FABRICATED, TRAFFIC BEARING, AND INSTALLED TO A TEMPORARY ELEVATION. COVER WITH STEEL PLATE, BACKFILL, AND PAVE. FIELD VERIFY ELEVATIONS PRIOR TO MANUFACTURE.

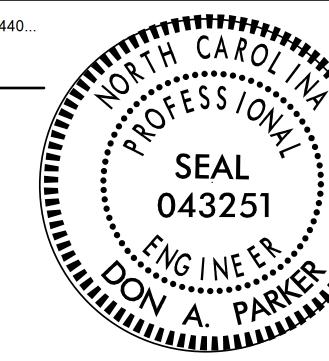
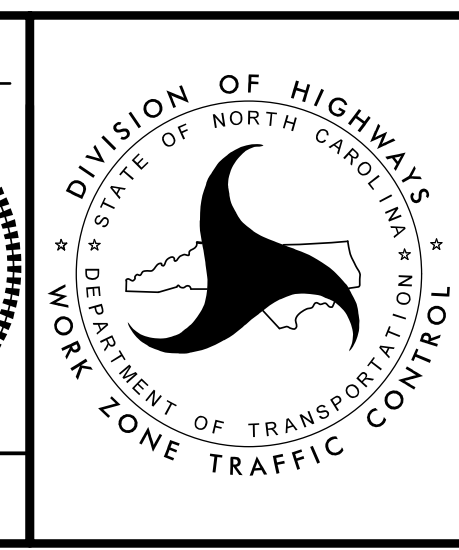


7/16/2024  
 V:\NC\2024\18-5921\Traffic\TrafficControl\TCP\R-5921\TC-TMP-22(PH01)Area B.dgn  
 User: jsmelvin

SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT.  
 EXISTING PAVEMENT MARKINGS NOT COMPLETE,  
 FOR INFORMATIONAL PURPOSE ONLY

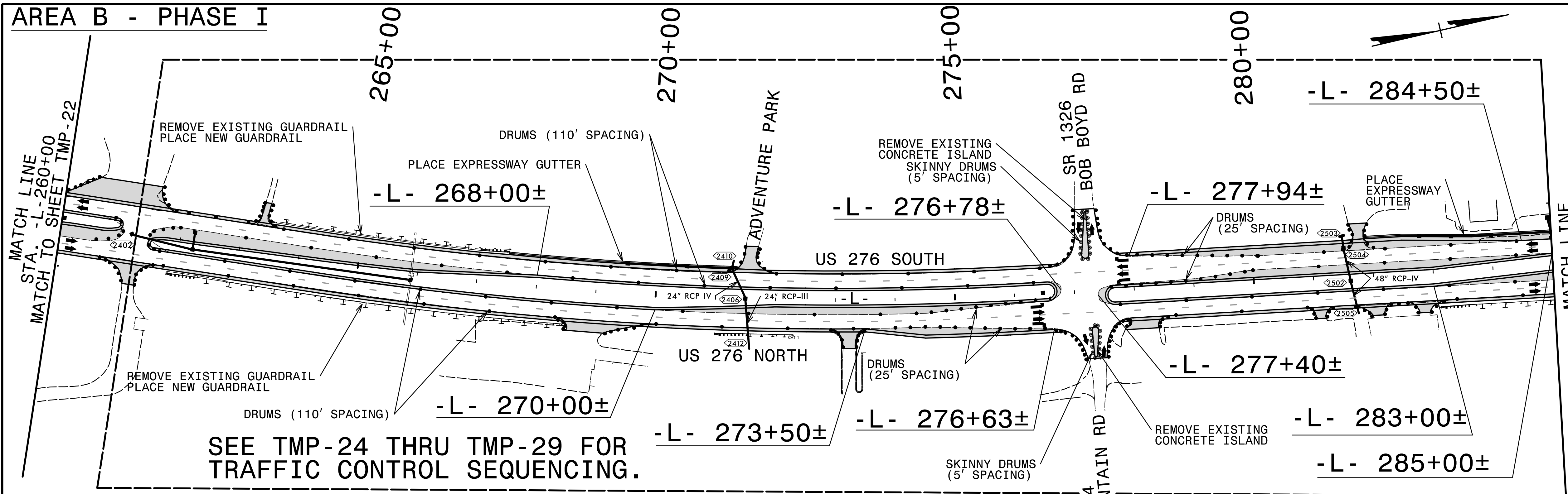
APPROVED:   
 DATE: 8/26/2024

SEAL

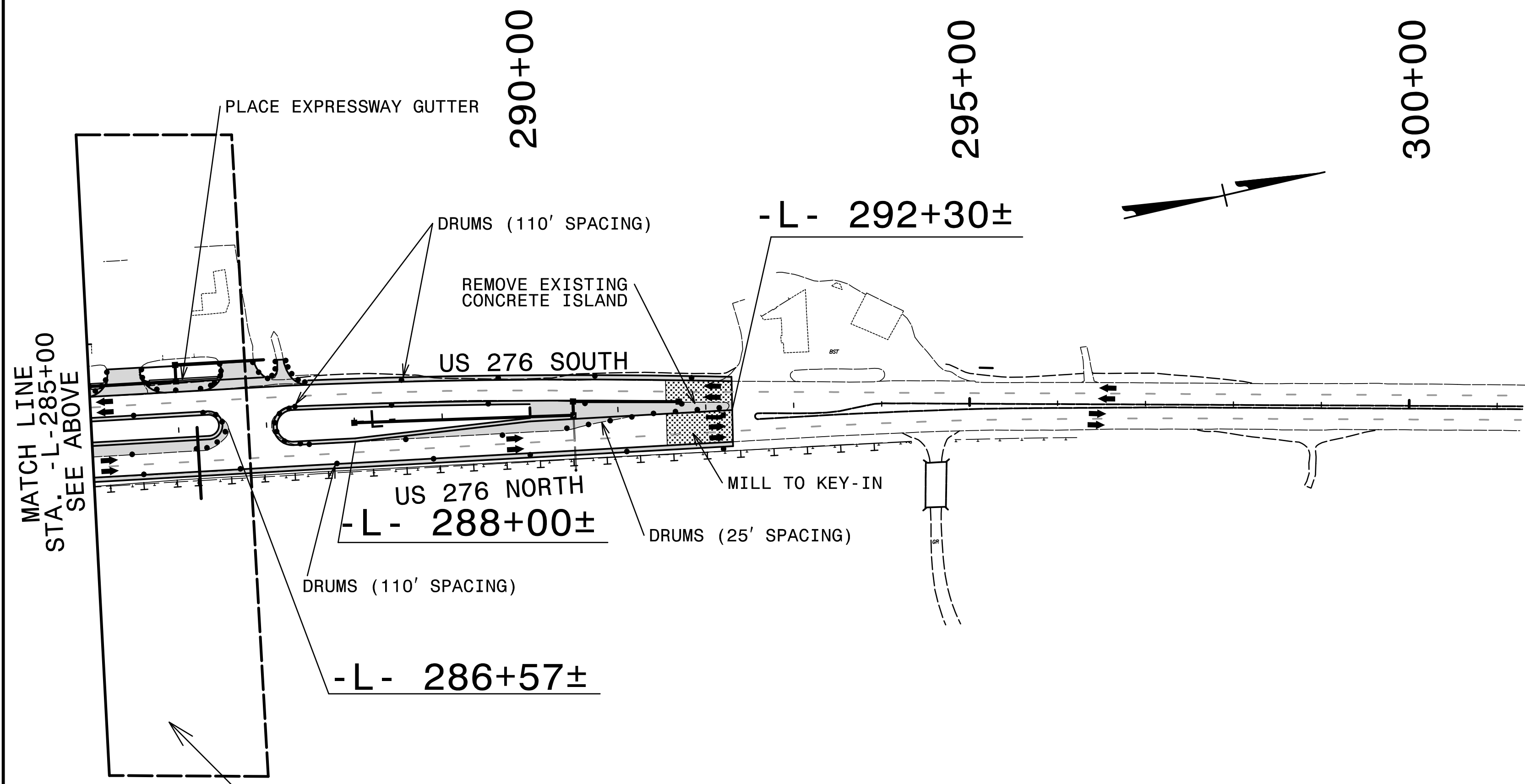
**AREA B**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE I OVERVIEW**

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



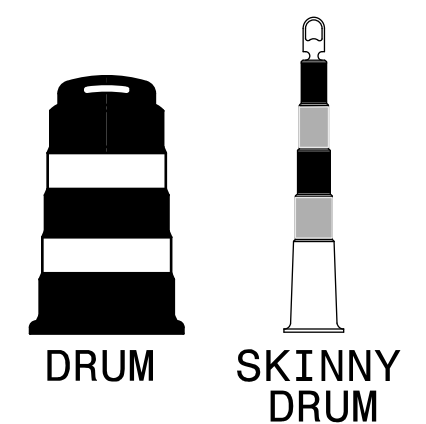
SEE TMP-24 THRU TMP-29 FOR TRAFFIC CONTROL SEQUENCING.

NOTE:  
 DRAINAGE STRUCTURE 2402 SHALL BR PRE-FABRICATED, TRAFFIC BEARING, AND INSTALLED TO A TEMPORARY ELEVATION. COVER WITH STEEL PLATE, BACKFILL, AND PAVE. FIELD VERIFY ELEVATIONS PRIOR TO MANUFACTURE.



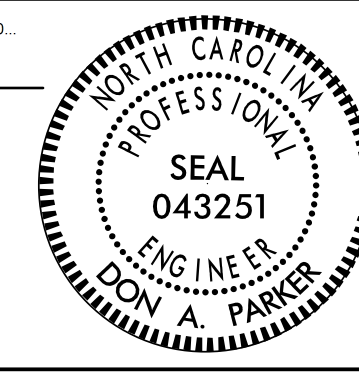
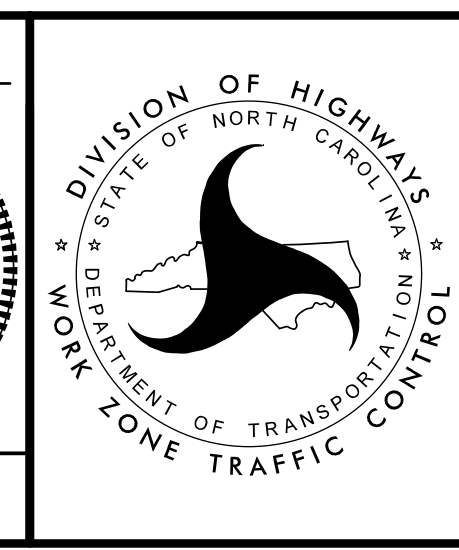
SEE TMP-24 THRU TMP-29 FOR TRAFFIC CONTROL SEQUENCING.

SEE ROADWAY PLANS FOR DETAILED DRAINAGE LAYOUT. EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY



APPROVED: *Don A. Parker*  
 DATE: 8/26/2024

SEAL

AREA B  
 TEMPORARY TRAFFIC CONTROL  
 PHASE I OVERVIEW

7/10/2024  
 T:\01\01\01\p-5921\Traffic\TrafficControl\TCP\R-5921\TC-TMP-23\PH01\_Area B.dgn  
 User: jsmelvin

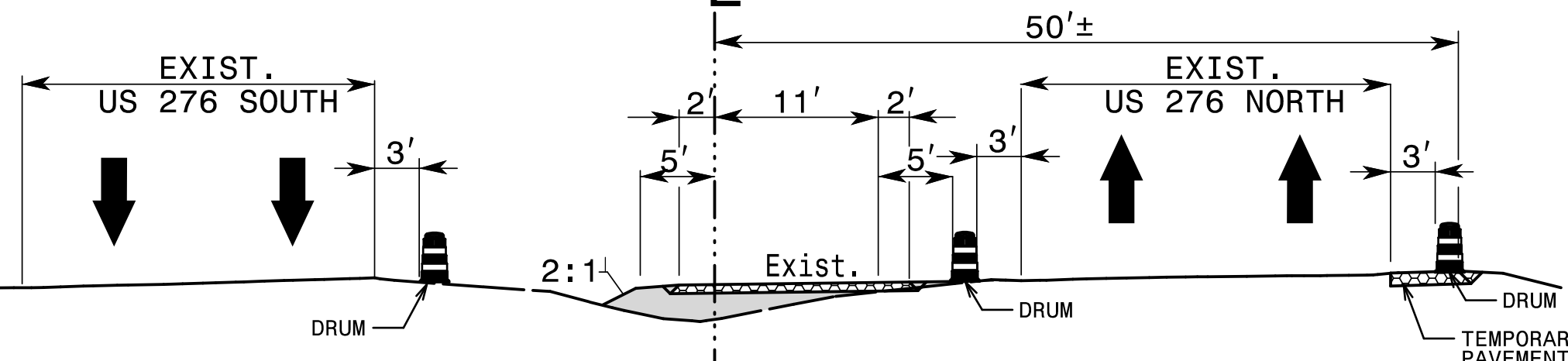
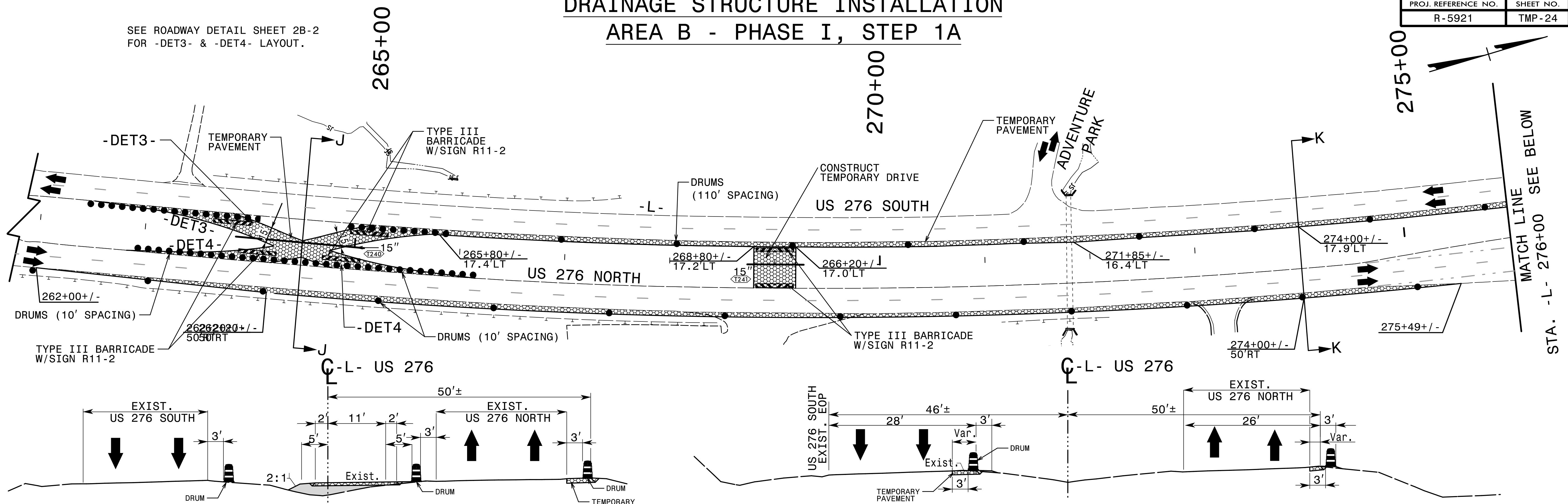


# DRAINAGE STRUCTURE INSTALLATION

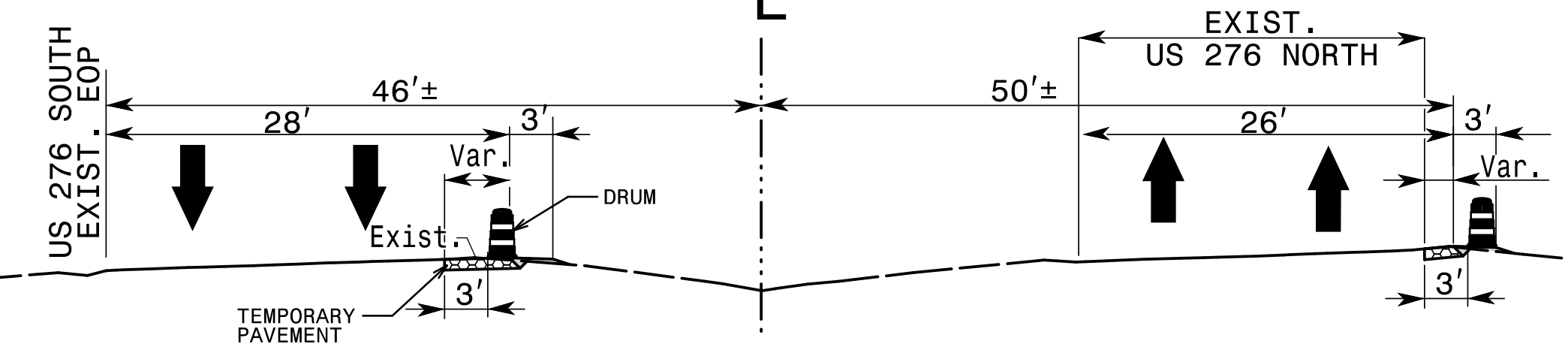
## AREA B - PHASE I, STEP 1A

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-24

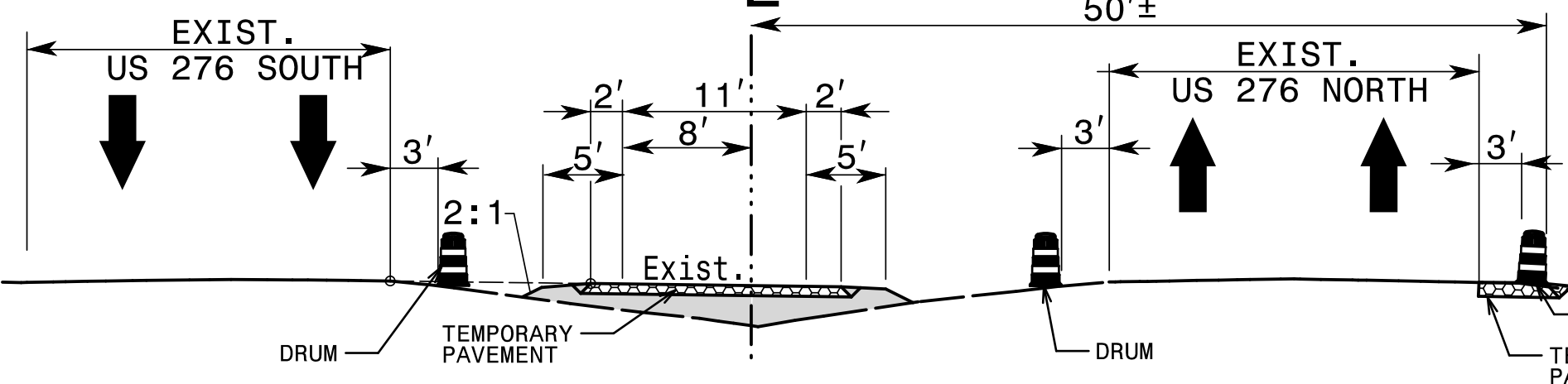
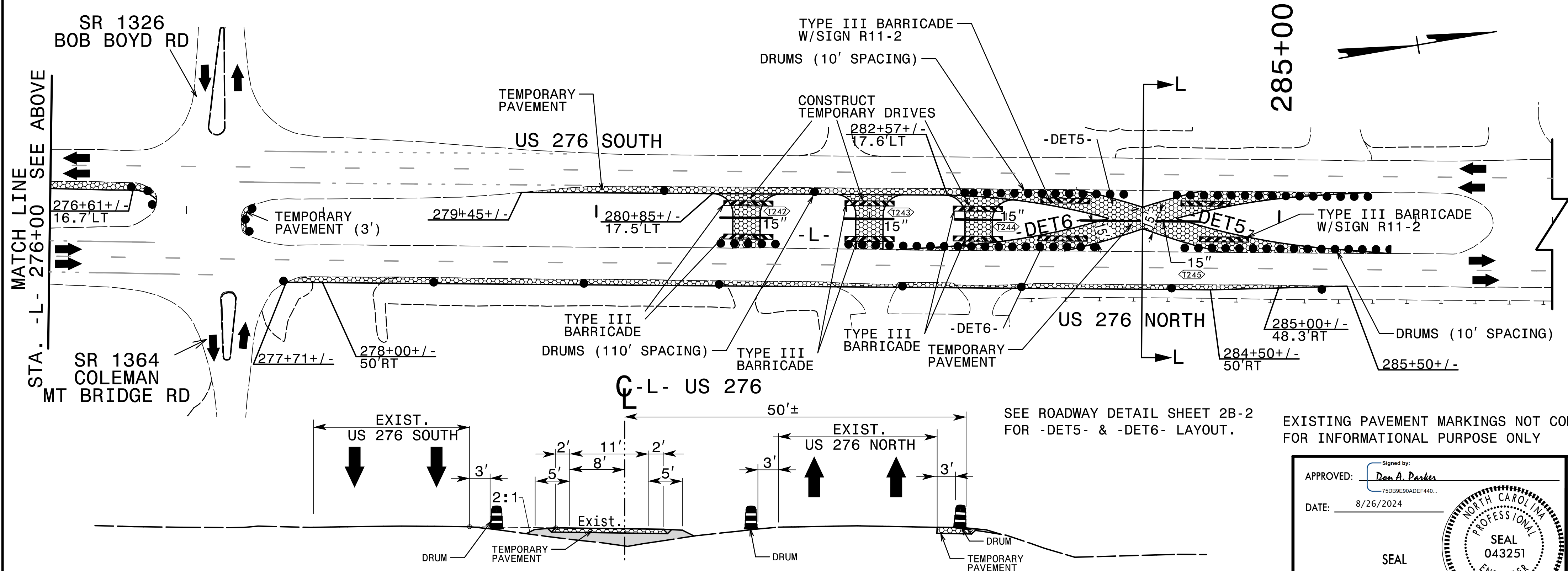
SEE ROADWAY DETAIL SHEET 2B-2 FOR -DET3- & -DET4- LAYOUT.



SECTION J-J  
-L- STA 264+50±  
(PHASE I, STEP 1A)



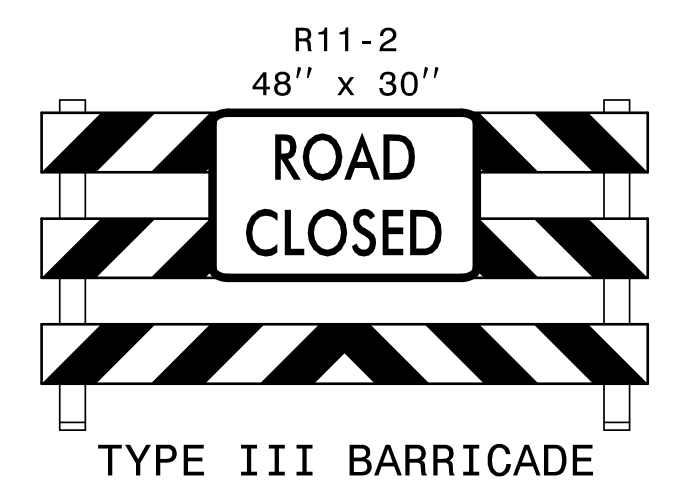
SECTION K-K  
-L- STA 274+00±  
TYPICAL PLACEMENT OF  
TEMPORARY PAVEMENT



SECTION L-L  
-L- STA 284+00±  
(PHASE I, STEP 1A)

SEE ROADWAY DETAIL SHEET 2B-2 FOR -DET5- & -DET6- LAYOUT.

EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY

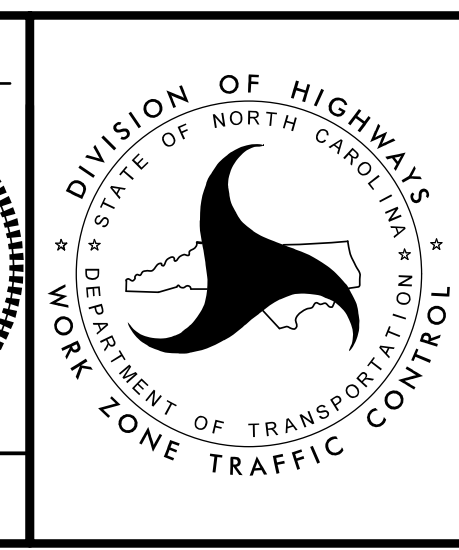


8/21/2024  
C:\NC\5921\TrafficControl\TCP\R-5921\TC\_TMP\_24 (PH01)Area B x-over.dgn  
User:tsmevin

APPROVED: *Don A. Parker*  
DATE: 8/26/2024

SEAL  
NORTH CAROLINA PROFESSIONAL ENGINEER  
SEAL 043251  
DON A. PARKER


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

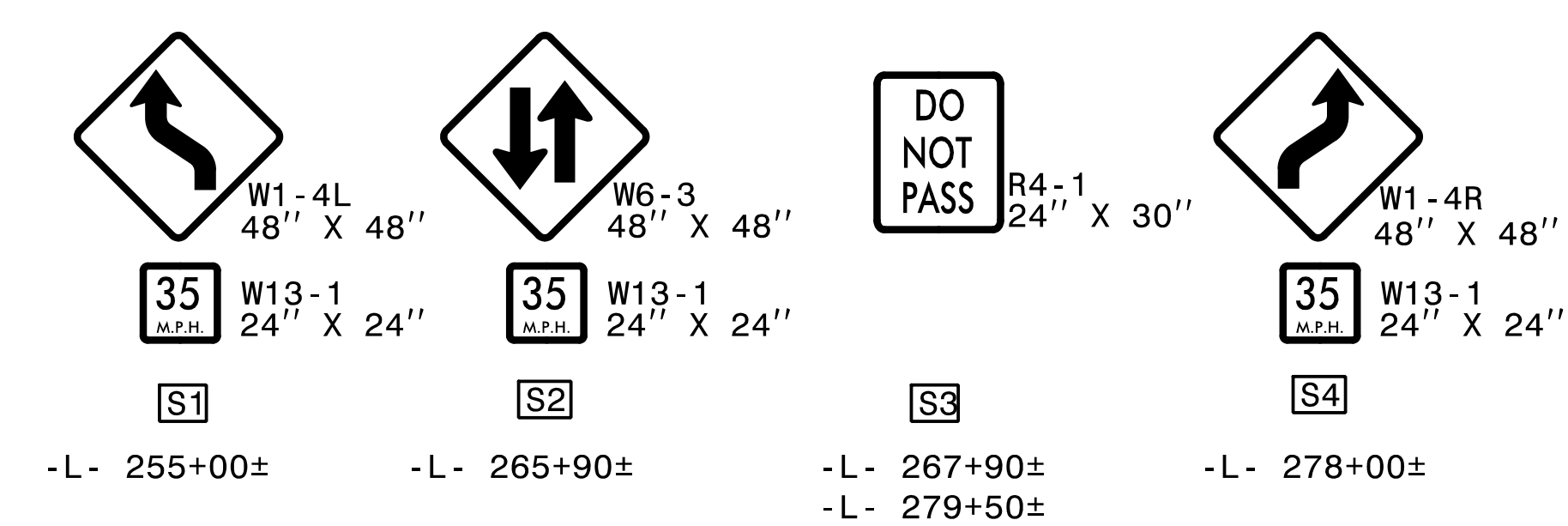
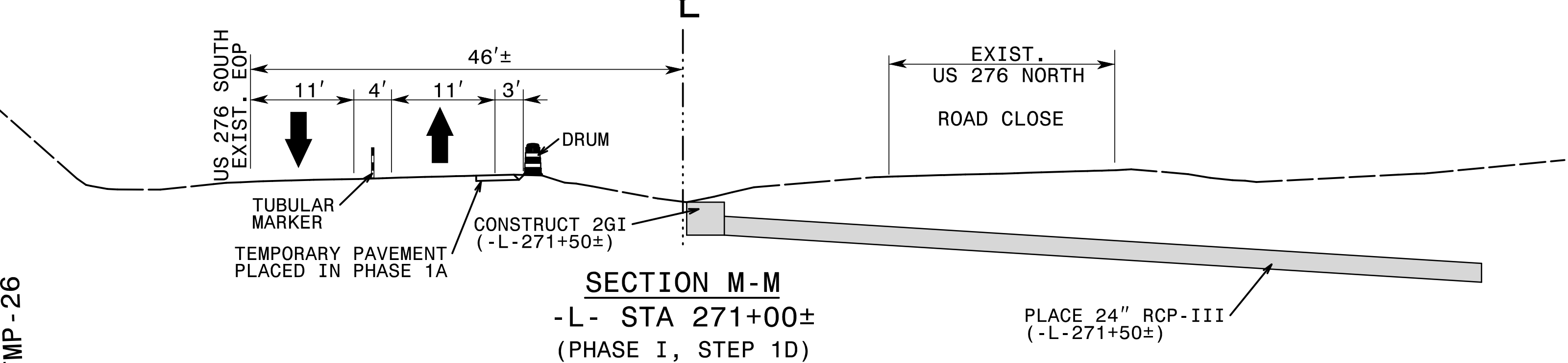
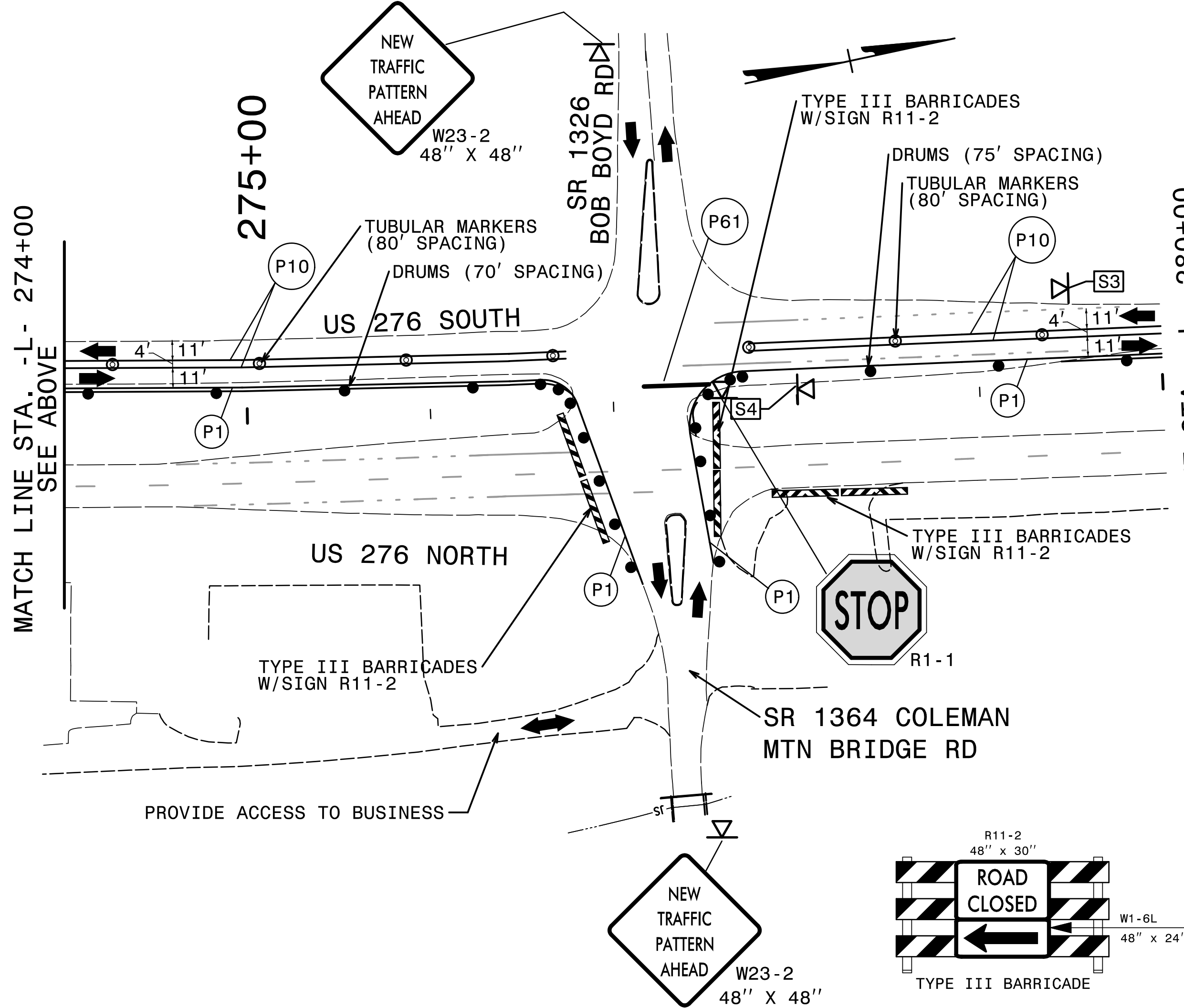
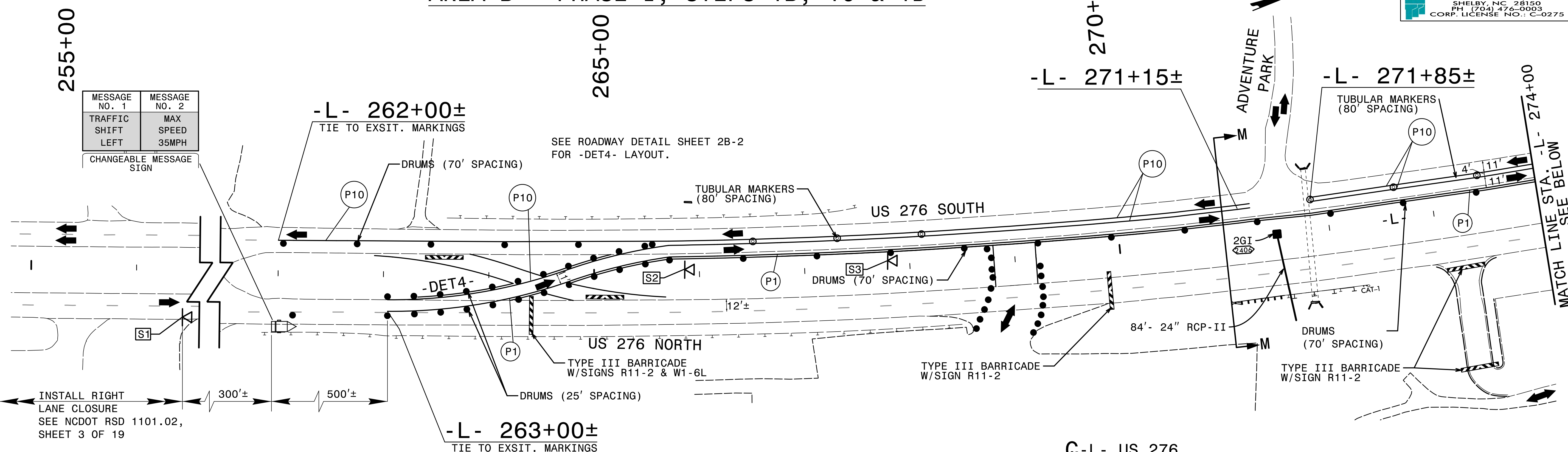


AREA B  
TEMPORARY TRAFFIC CONTROL  
PHASE I DETAIL

DRAINAGE STRUCTURES INSTALLATION  
AT -L- STA 271+50± AND 281+50±

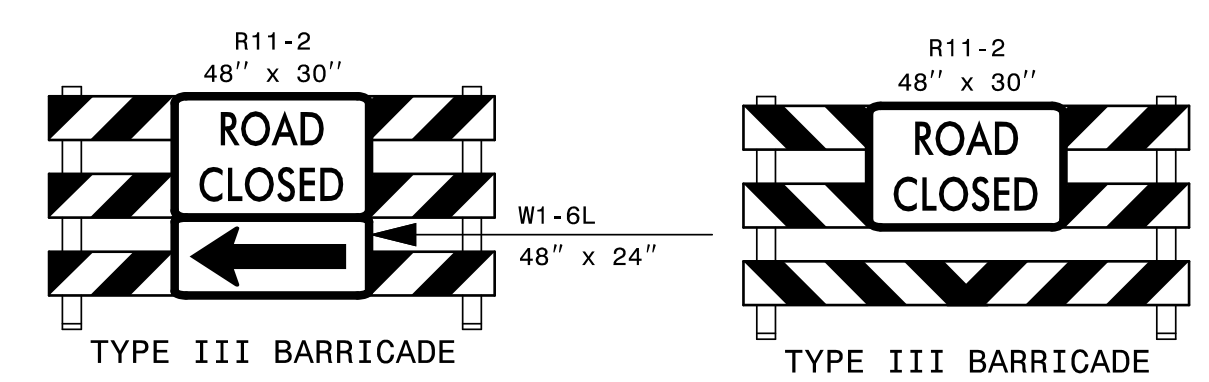
# DRAINAGE STRUCTURE INSTALLATION AREA B - PHASE I, STEPS 1B, 1C & 1D


PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-25
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



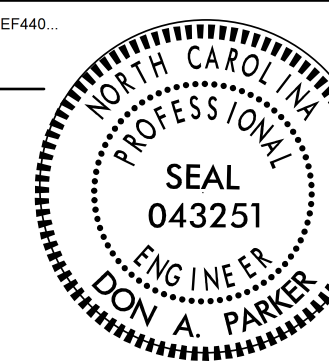
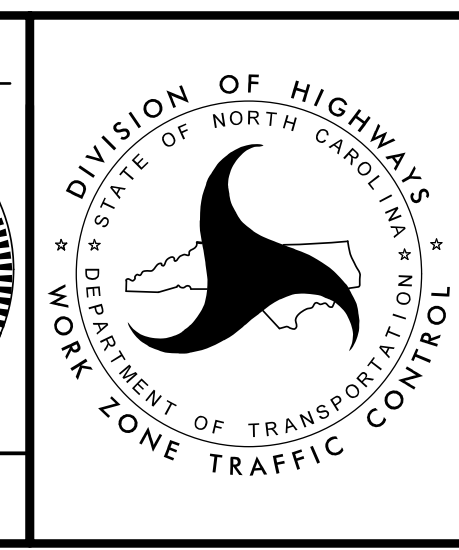
SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE. EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY

7/10/2024  
 V:\NC\2024\18716A22A680\Traffic\TrafficControl\CP\R-5921\TC-TMP-25(PH01)Area\_B\_x-over.dgn  
 User: jsmelvin



APPROVED:   
 DATE: 8/26/2024


SEAL

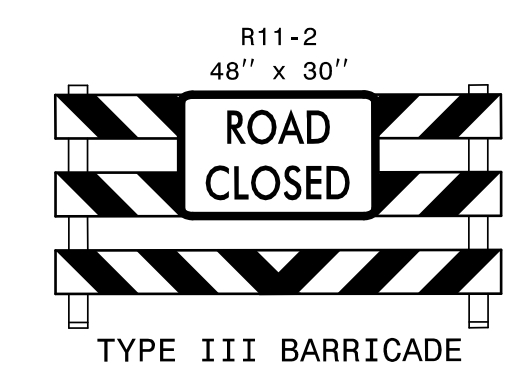
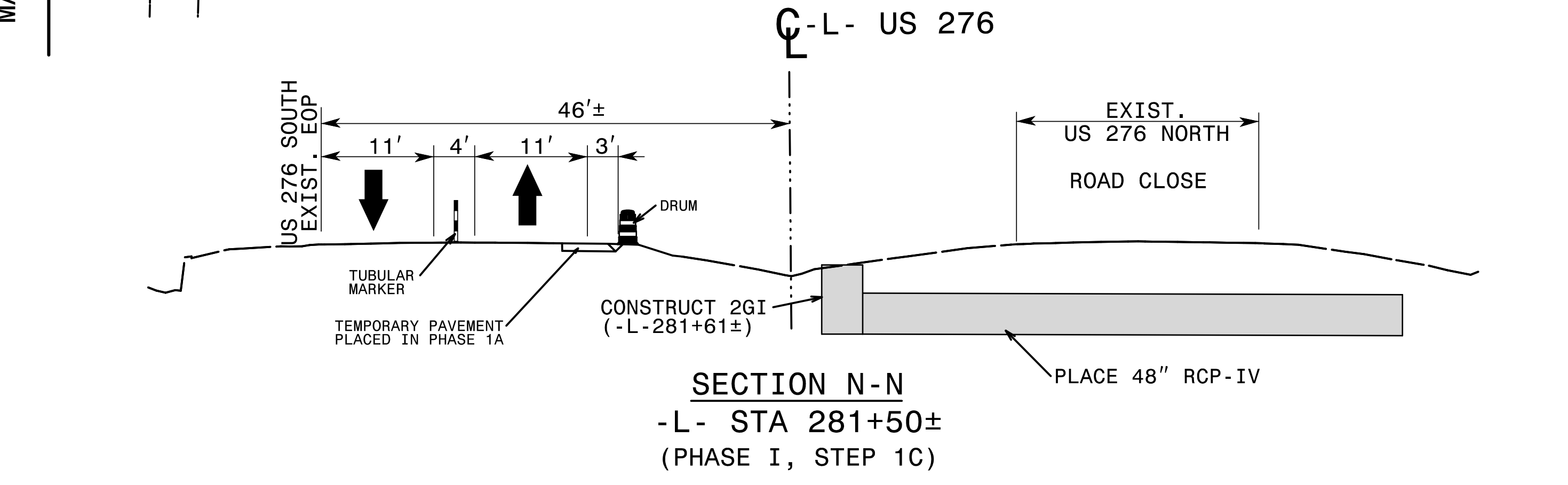
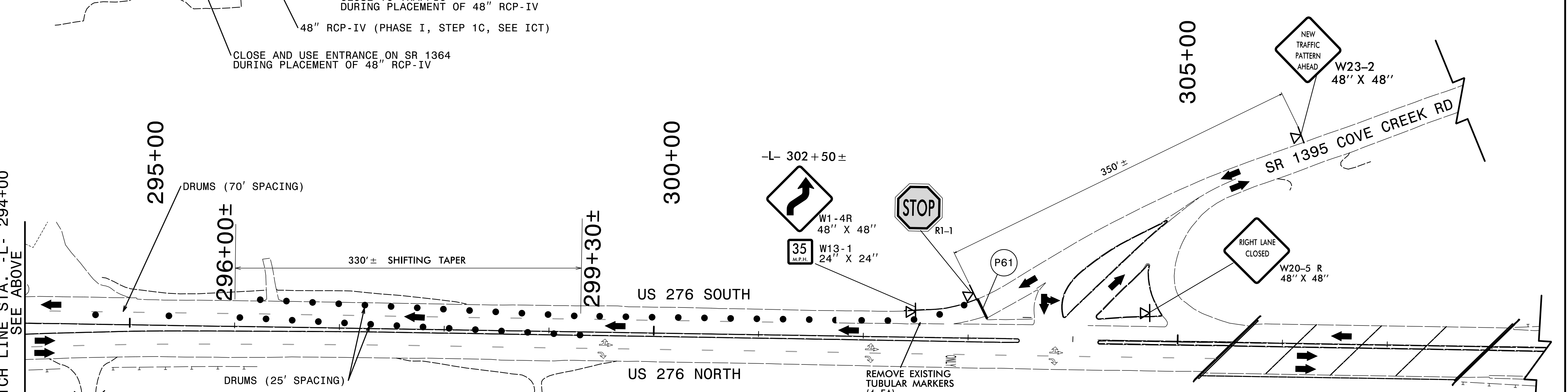
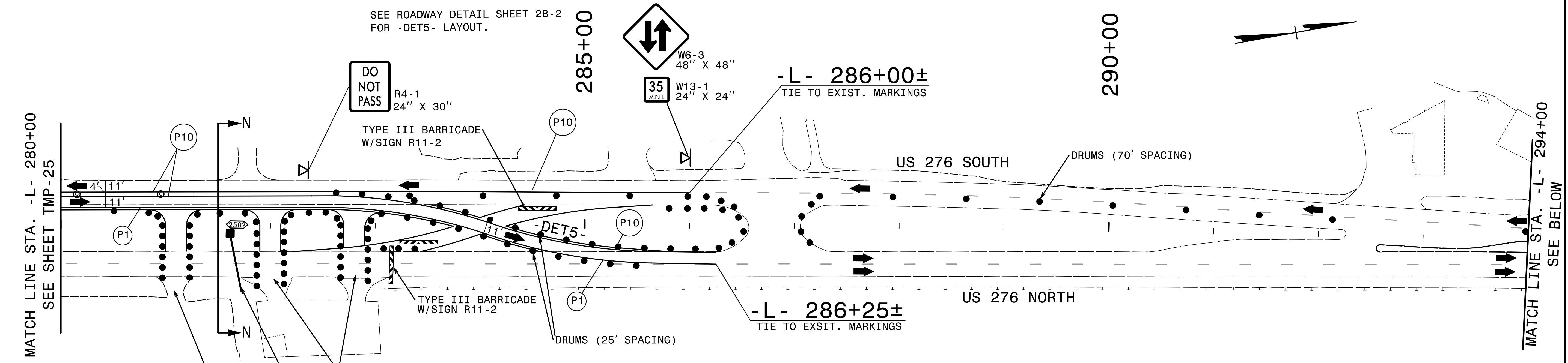



**AREA B**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE I DETAIL**

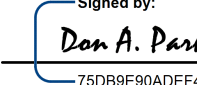
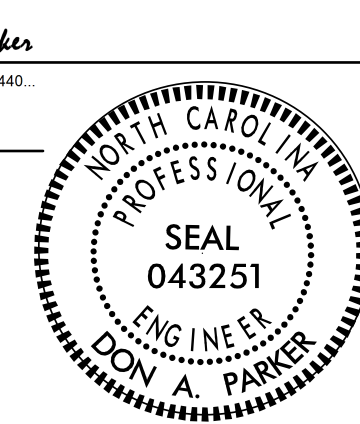

DRAINAGE STRUCTURES INSTALLATION  
 AT -L- STA 271+50± AND 281+50±

# DRAINAGE STRUCTURE INSTALLATION AREA B - PHASE I, STEPS 1B, 1C, & 1D

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-26
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH: (704) 476-0003 CORP. LICENSE NO.: C-0275	




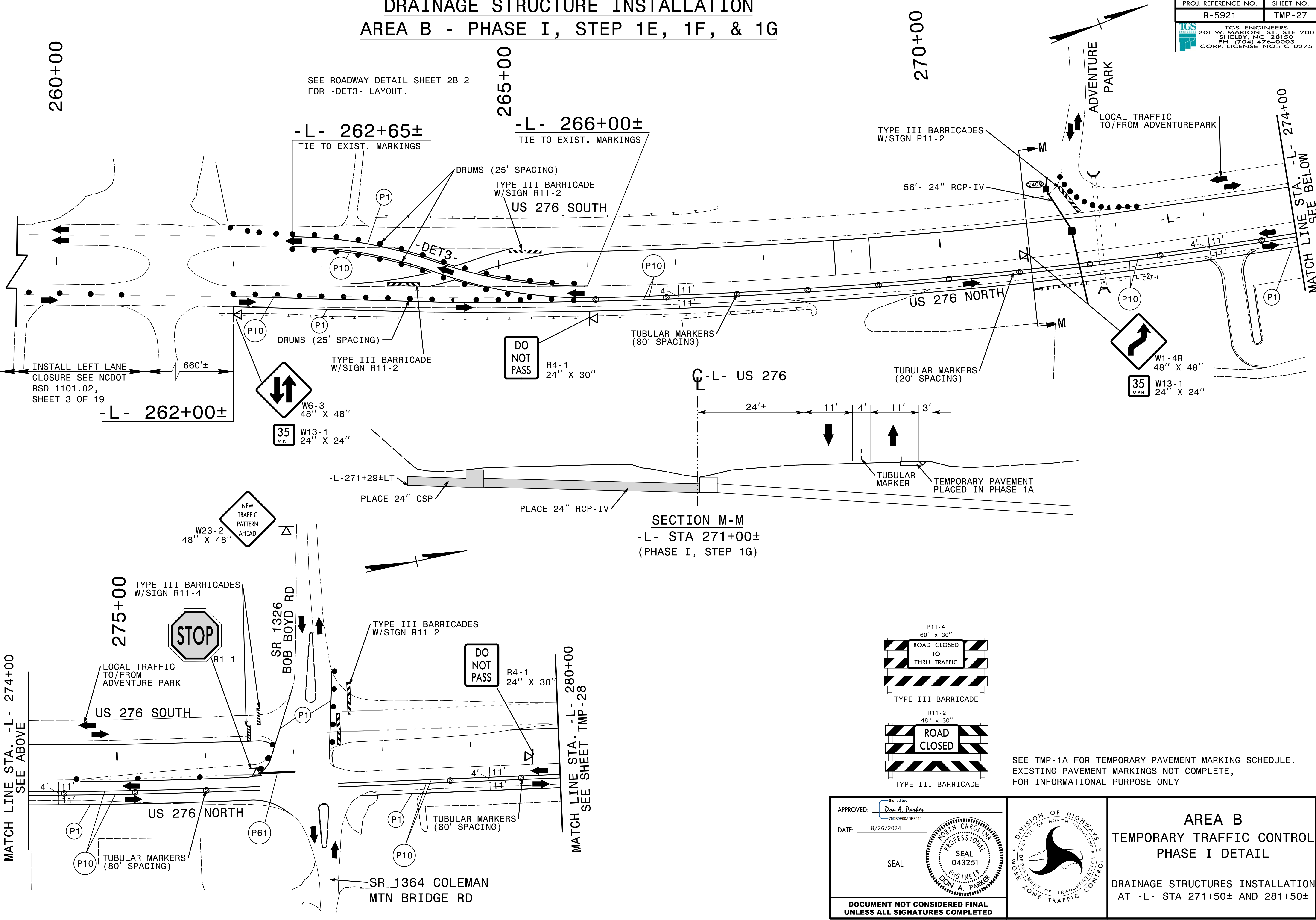
SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE. EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY

APPROVED:  DATE: 8/26/2024			<p><b>AREA B</b> <b>TEMPORARY TRAFFIC CONTROL</b> <b>PHASE I DETAIL</b></p> <p>DRAINAGE STRUCTURES INSTALLATION AT -L- STA 271+50± AND 281+50±</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>			

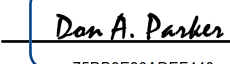
7/16/2024  
 T:\01\06\2024\10-5921\Traffic\TrafficControl\TCP\R-5921\TC-TMP-26(PH0)Area\_B\_x-over.dgn  
 User: jsmelvin

# DRAINAGE STRUCTURE INSTALLATION AREA B - PHASE I, STEP 1E, 1F, & 1G

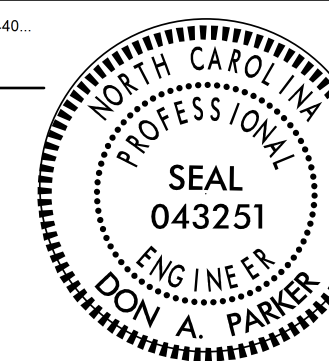
PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-27
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



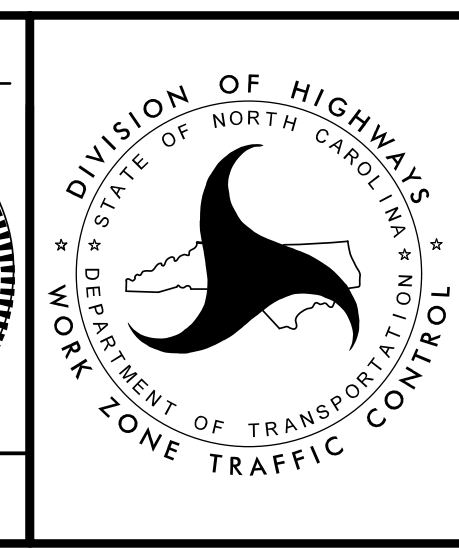
7/16/2024  
V:\NC\5921\TrafficControl\TCP\R-5921\TC-TMP-27\PH01\_Area B\_x-over.dgn  
User: jsmelvin

APPROVED:  Don A. Parker  
 DATE: 8/26/2024

SEAL




DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

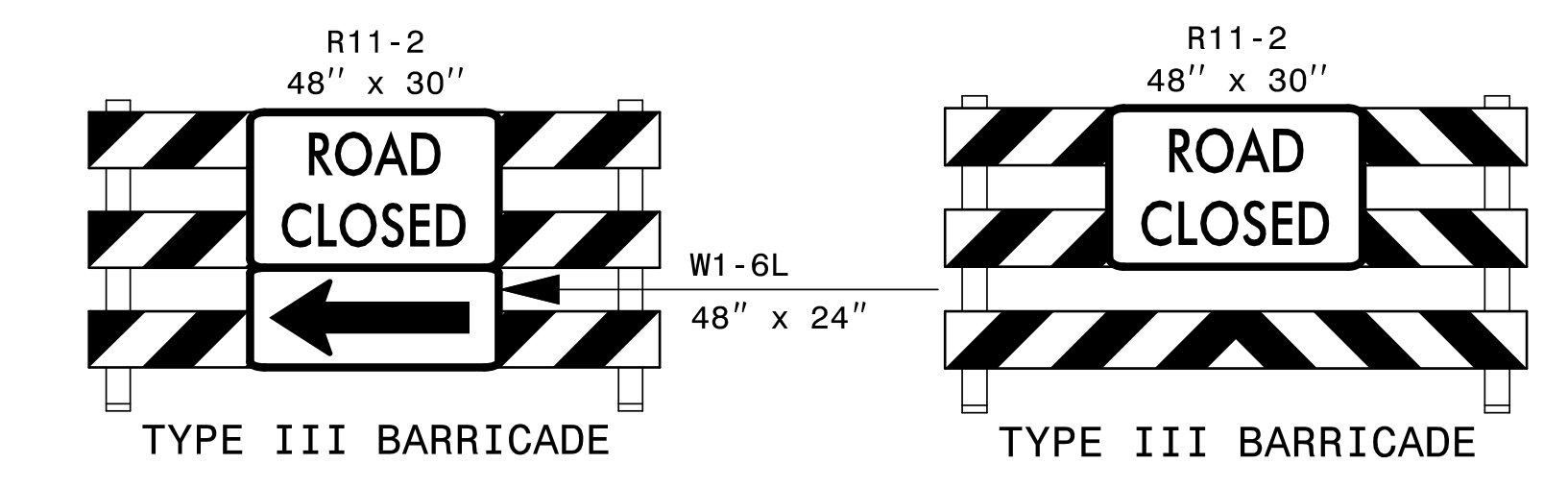
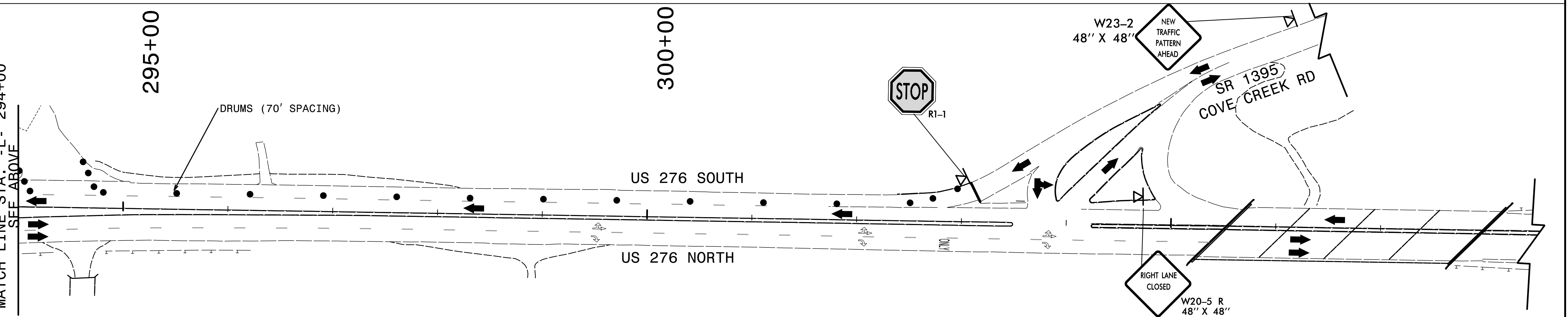
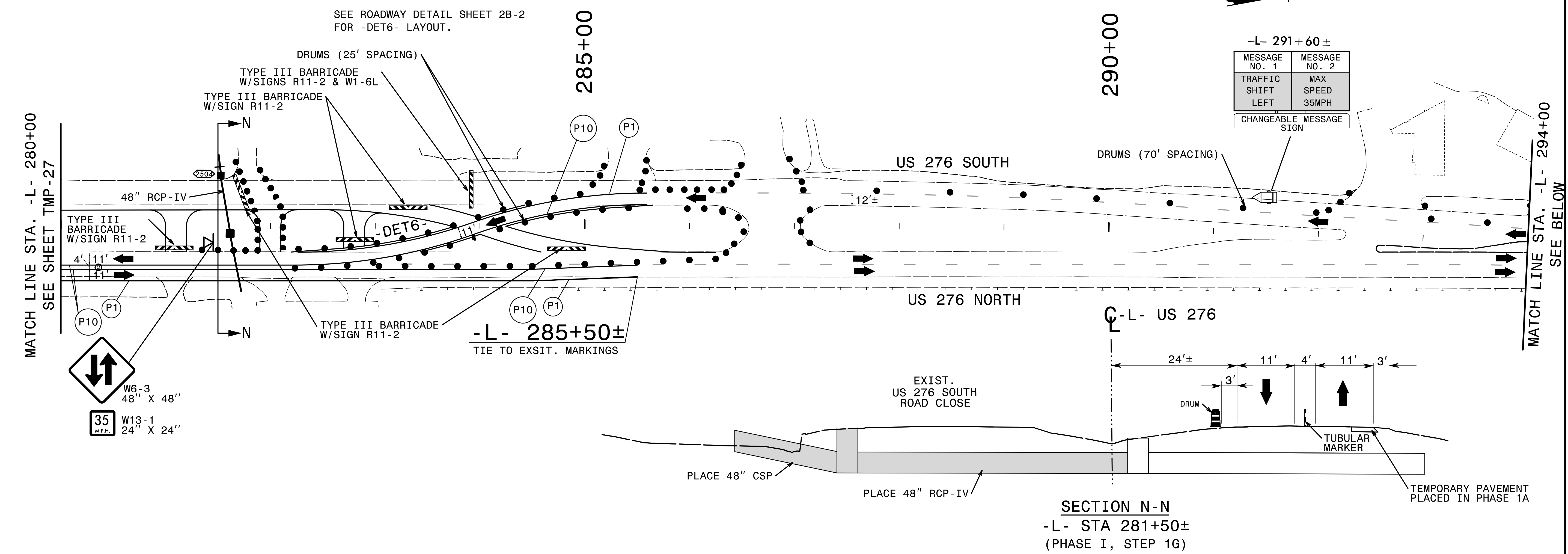


**AREA B**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE I DETAIL**


DRAINAGE STRUCTURES INSTALLATION  
 AT -L- STA 271+50± AND 281+50±

# DRAINAGE STRUCTURE INSTALLATION AREA B - PHASE I, STEPS 1E, 1F, & 1G

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-28
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	

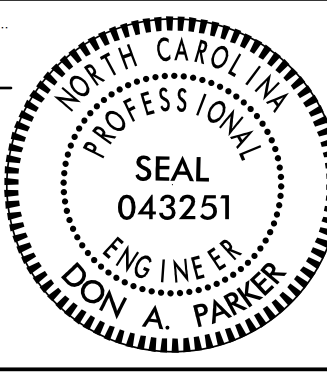


SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.  
EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY


APPROVED:  Don A. Parker  
75089690ADE440

DATE: 8/26/2024

SEAL



DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED




**AREA B**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE I DETAIL**

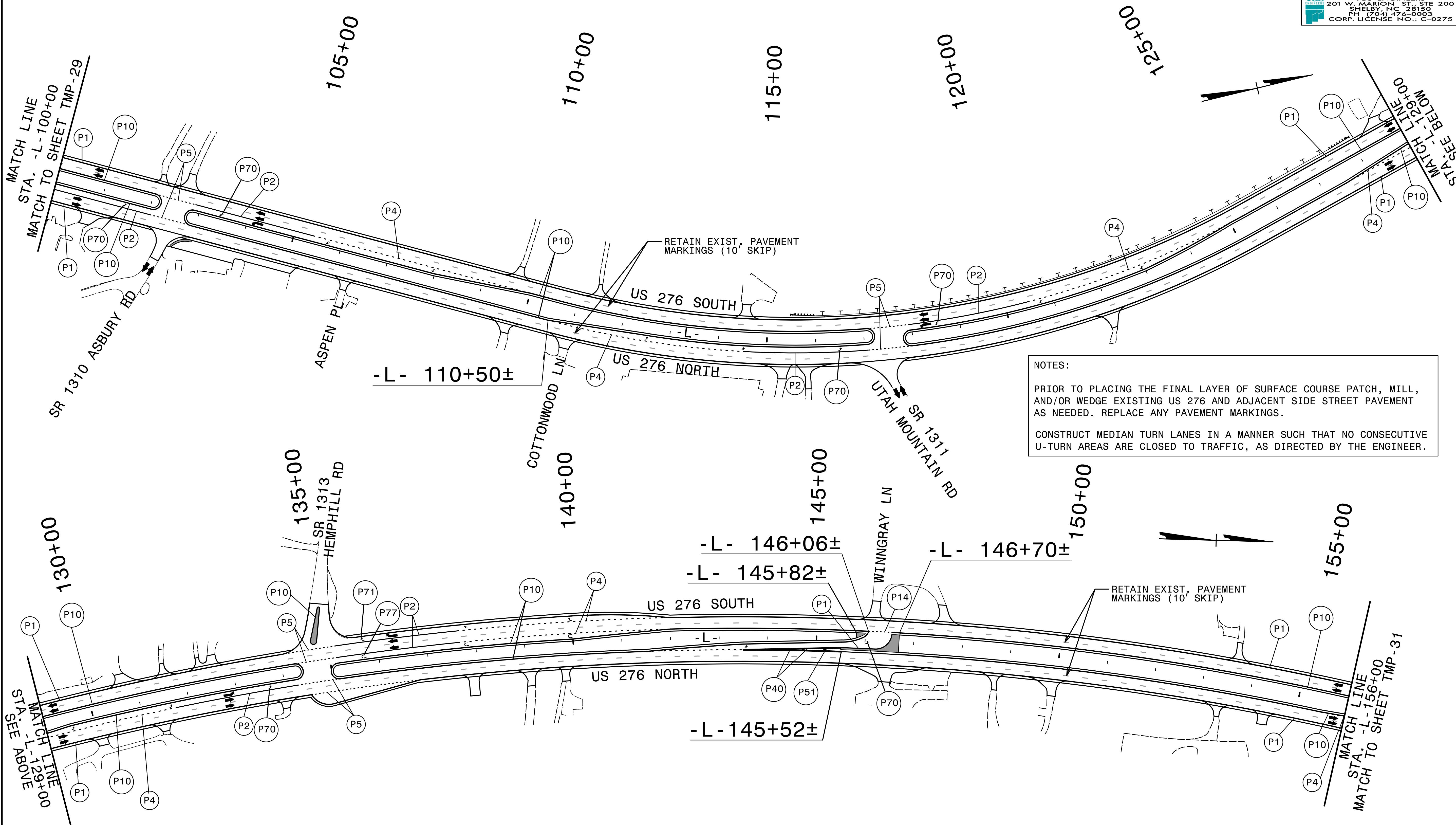
DRAINAGE STRUCTURES INSTALLATION  
AT -L- STA 271+50± AND 281+50±

7/10/2024  
V:\06\2024\18-5921\Traffic\TrafficControl\TCP\R-5921\TC-TMP\_28(PH01)Area\_B\_x-over.dgn  
User: jsmelvin



# AREA B - PHASE II

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-30
 <b>TGS ENGINEERS</b> 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	




**NOTES:**

PRIOR TO PLACING THE FINAL LAYER OF SURFACE COURSE PATCH, MILL, AND/OR WEDGE EXISTING US 276 AND ADJACENT SIDE STREET PAVEMENT AS NEEDED. REPLACE ANY PAVEMENT MARKINGS.

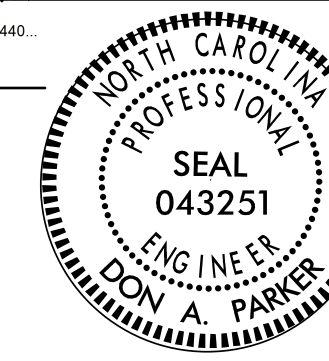
CONSTRUCT MEDIAN TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREAS ARE CLOSED TO TRAFFIC, AS DIRECTED BY THE ENGINEER.

7/16/2024  
 V:\NC\5921\Traffic\TrafficControl\TCP\R-5921\TC\_TMP\_30\PH02\_Area B.dgn  
 User: jsmelvin


SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.  
 SEE FINAL PAVEMENT MARKING PLANS FOR PAVEMENT MARKING LAYOUT.  
 EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY.  
 PLACE TEMPORARY PAVEMENT SYMBOLS AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH NCDOT STANDARD 1205.

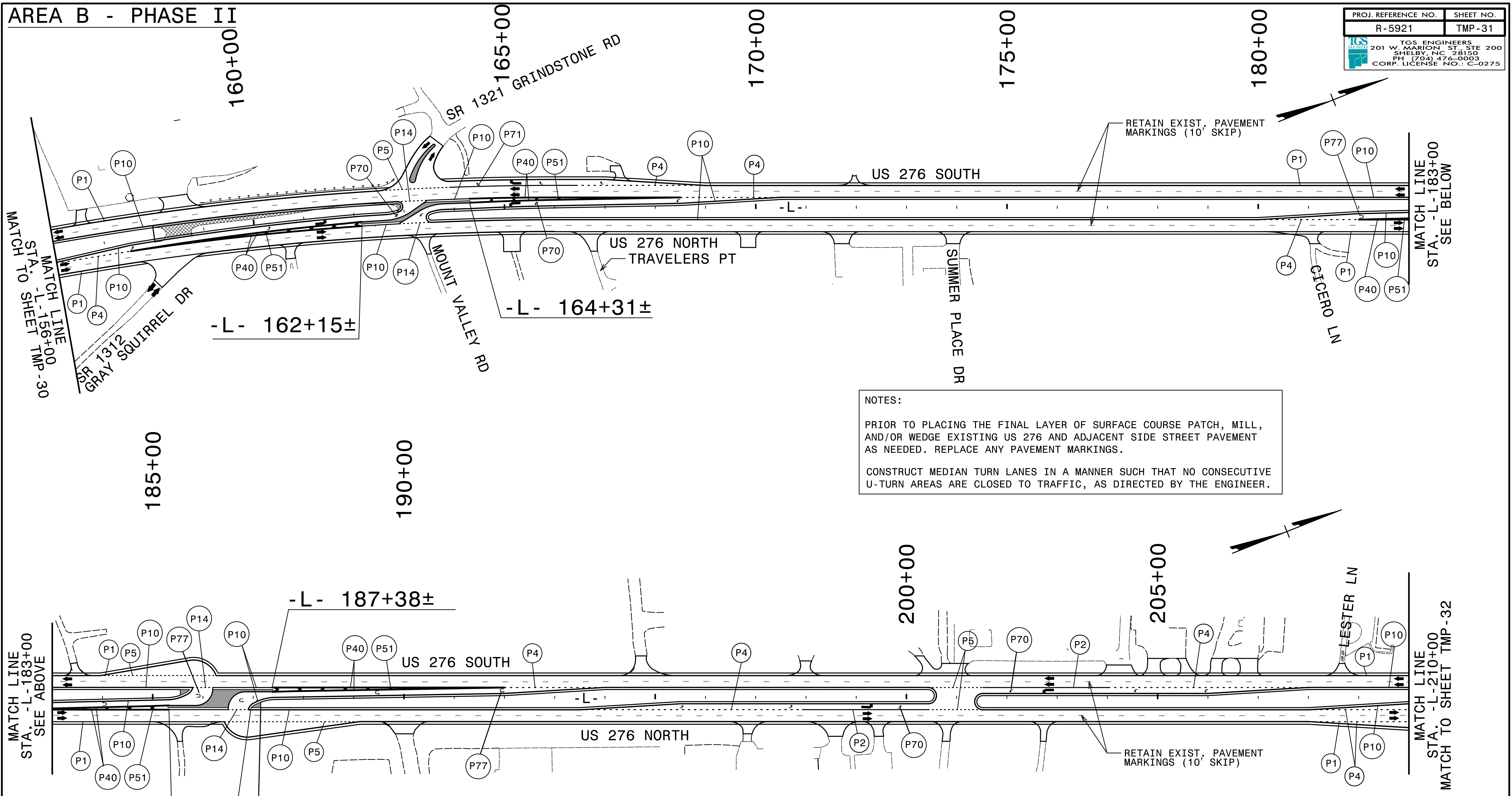
APPROVED:   
 DATE: 8/26/2024

SEAL




**AREA B**  
**TEMPORARY TRAFFIC CONTROL**  
**PHASE II OVERVIEW**

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-31
 <b>TGS ENGINEERS</b> 201 W. MARION ST., STE 200 SHELBY, NC 28150 PH (704) 474-0003 CORP. LICENSE NO.: C-0275	



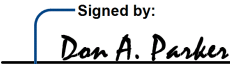
**NOTES:**

PRIOR TO PLACING THE FINAL LAYER OF SURFACE COURSE PATCH, MILL, AND/OR WEDGE EXISTING US 276 AND ADJACENT SIDE STREET PAVEMENT AS NEEDED. REPLACE ANY PAVEMENT MARKINGS.

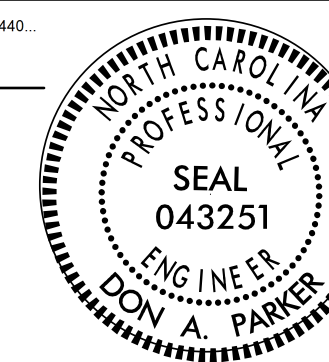
CONSTRUCT MEDIAN TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREAS ARE CLOSED TO TRAFFIC, AS DIRECTED BY THE ENGINEER.

SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.  
 SEE FINAL PAVEMENT MARKING PLANS FOR PAVEMENT MARKING LAYOUT.  
 EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY.  
 PLACE TEMPORARY PAVEMENT SYMBOLS AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH NCDOT STANDARD 1205.

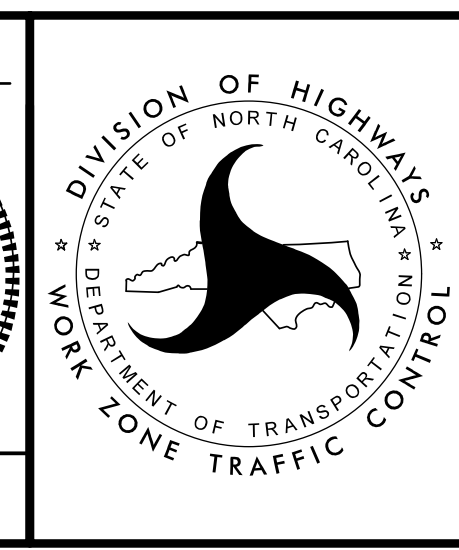
7/16/2024  
 V:\NC\2024\18716A22A680\Traffic\TrafficControl\TCP\R-5921\TC-TMP\_31\PH02\_Area B.dgn  
 User: jsmelvin

APPROVED:   
 DATE: 8/26/2024

SEAL




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

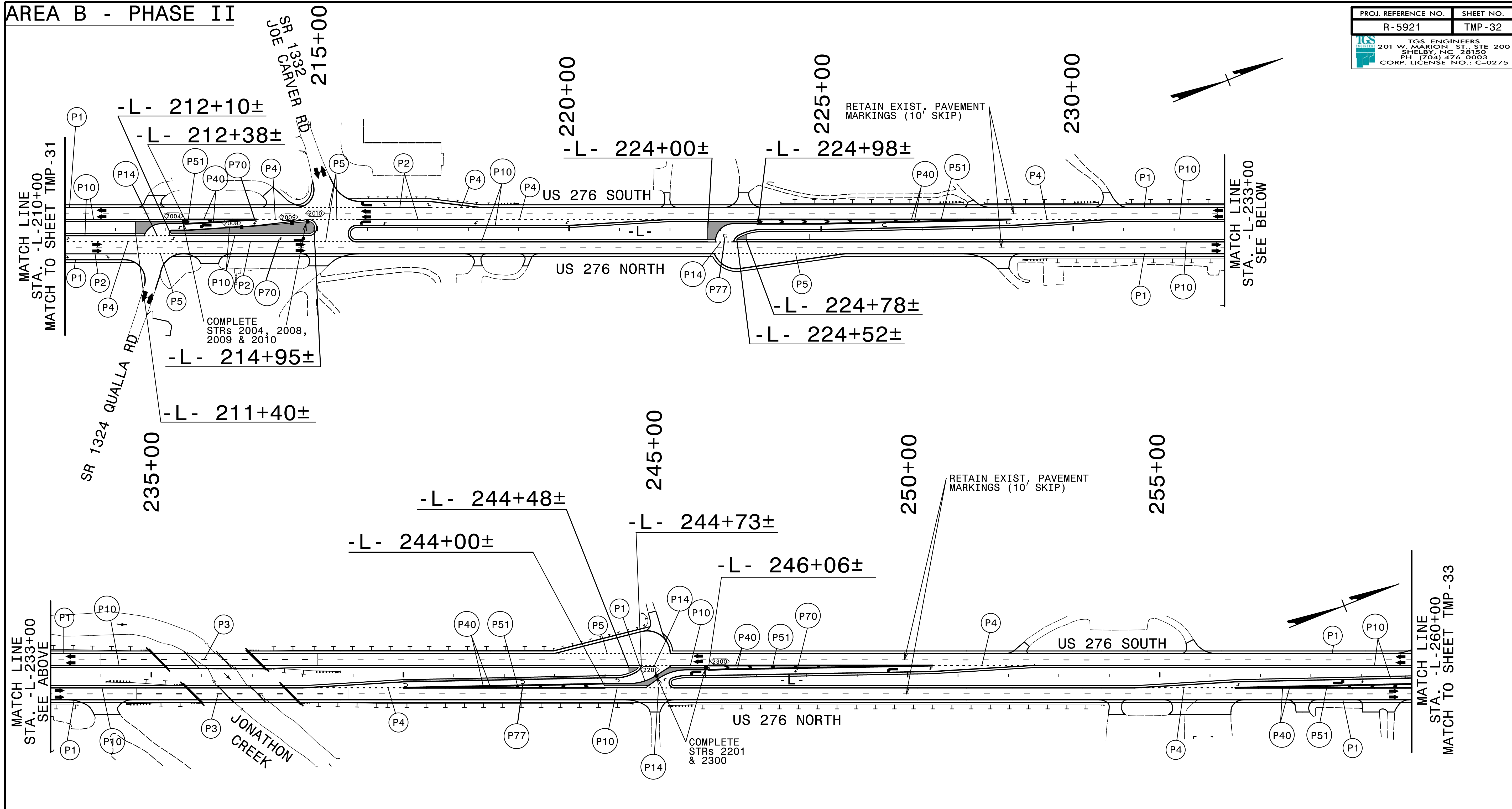


**AREA B  
 TEMPORARY TRAFFIC CONTROL  
 PHASE II OVERVIEW**



# AREA B - PHASE II

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-32
 TGS ENGINEERS 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



**NOTES:**

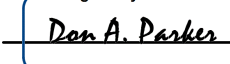
PRIOR TO PLACING THE FINAL LAYER OF SURFACE COURSE PATCH, MILL, AND/OR WEDGE EXISTING US 276 AND ADJACENT SIDE STREET PAVEMENT AS NEEDED. REPLACE ANY PAVEMENT MARKINGS.

CONSTRUCT MEDIAN TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREAS ARE CLOSED TO TRAFFIC, AS DIRECTED BY THE ENGINEER.

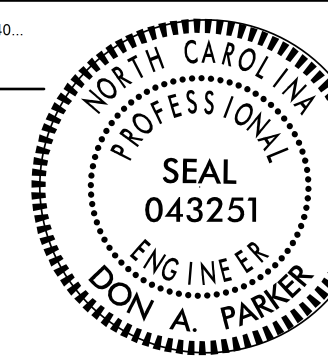
COMPLETE STRUCTURES 2004, 2008, 2009, 2010, 2201 AND 2300.

SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.  
 SEE FINAL PAVEMENT MARKING PLANS FOR PAVEMENT MARKING LAYOUT.  
 EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY.  
 PLACE TEMPORARY PAVEMENT SYMBOLS AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH NCDOT STANDARD 1205.

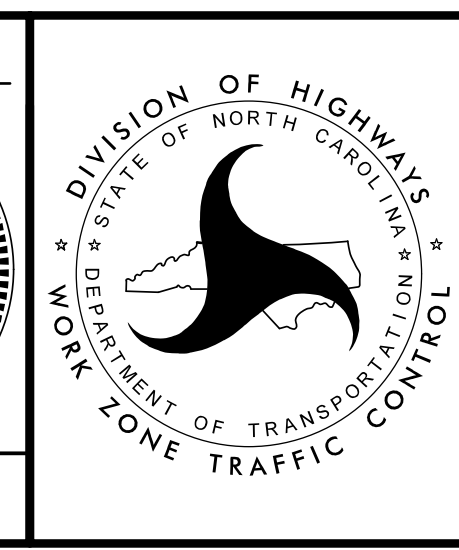
7/16/2024  
 V:\01\2024\18-5921\Traffic\TrafficControl\TCP\R-5921\TC-TMP\_32\PH02-Area B.dgn  
 User: jsmelvin

APPROVED:   
 DATE: 8/26/2024

SEAL




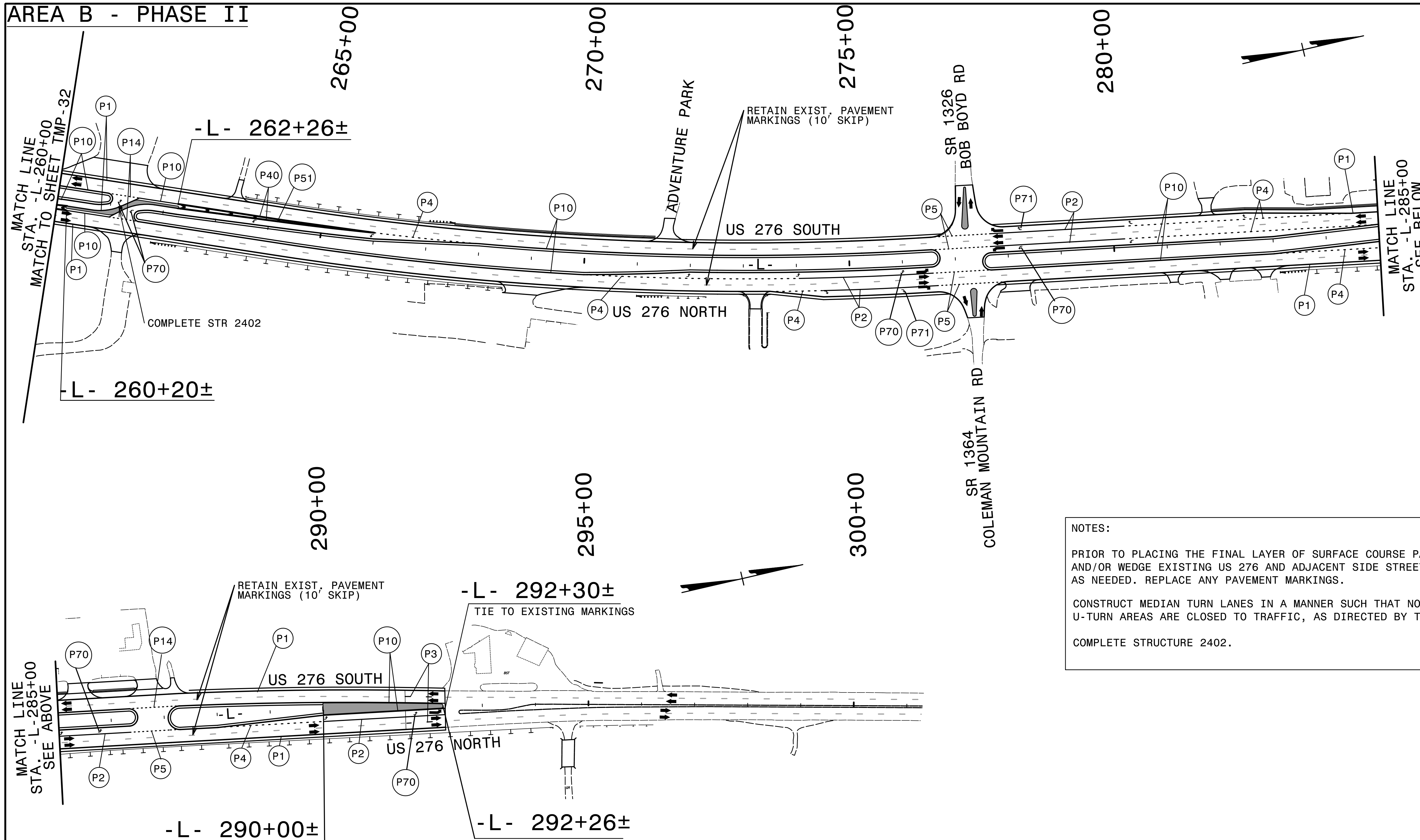
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**AREA B  
TEMPORARY TRAFFIC CONTROL  
PHASE II DETAIL**

# AREA B - PHASE II

PROJ. REFERENCE NO.	SHEET NO.
R-5921	TMP-33
 <b>TGS ENGINEERS</b> 201 W. MARION ST. STE 200 SHELBY, NC 28150 PH (704) 476-0003 CORP. LICENSE NO.: C-0275	



**NOTES:**

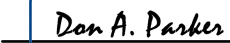
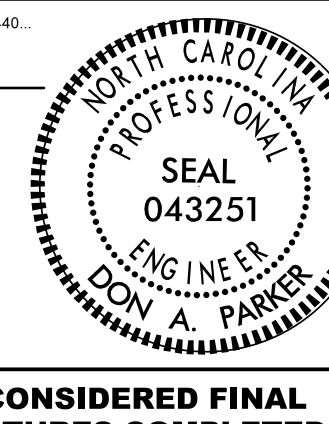
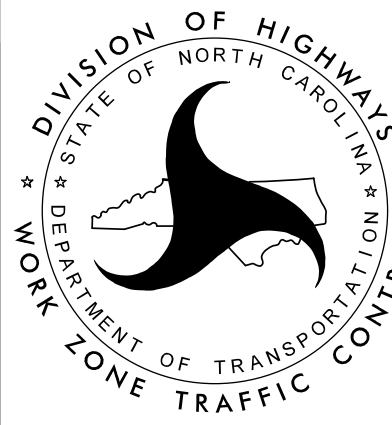
PRIOR TO PLACING THE FINAL LAYER OF SURFACE COURSE PATCH, MILL, AND/OR WEDGE EXISTING US 276 AND ADJACENT SIDE STREET PAVEMENT AS NEEDED. REPLACE ANY PAVEMENT MARKINGS.

CONSTRUCT MEDIAN TURN LANES IN A MANNER SUCH THAT NO CONSECUTIVE U-TURN AREAS ARE CLOSED TO TRAFFIC, AS DIRECTED BY THE ENGINEER.

COMPLETE STRUCTURE 2402.

SEE TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE.  
 SEE FINAL PAVEMENT MARKING PLANS FOR PAVEMENT MARKING LAYOUT.  
 EXISTING PAVEMENT MARKINGS NOT COMPLETE, FOR INFORMATIONAL PURPOSE ONLY.  
 PLACE TEMPORARY PAVEMENT SYMBOLS AS DIRECTED BY THE ENGINEER IN ACCORDANCE WITH NCDOT STANDARD 1205.

7/16/2024  
 V:\NC\5921\Traffic\TrafficControl\TCP\R-5921\TC-TMP\_33\PH02-Area B.dgn  
 User: jsmelvin

APPROVED:  DATE: 8/26/2024 SEAL 		<p style="text-align: center;"><b>AREA B</b>  <b>TEMPORARY TRAFFIC CONTROL</b>  <b>PHASE II DETAIL</b></p>
<p><b>DOCUMENT NOT CONSIDERED FINAL</b>  <b>UNLESS ALL SIGNATURES COMPLETED</b></p>		