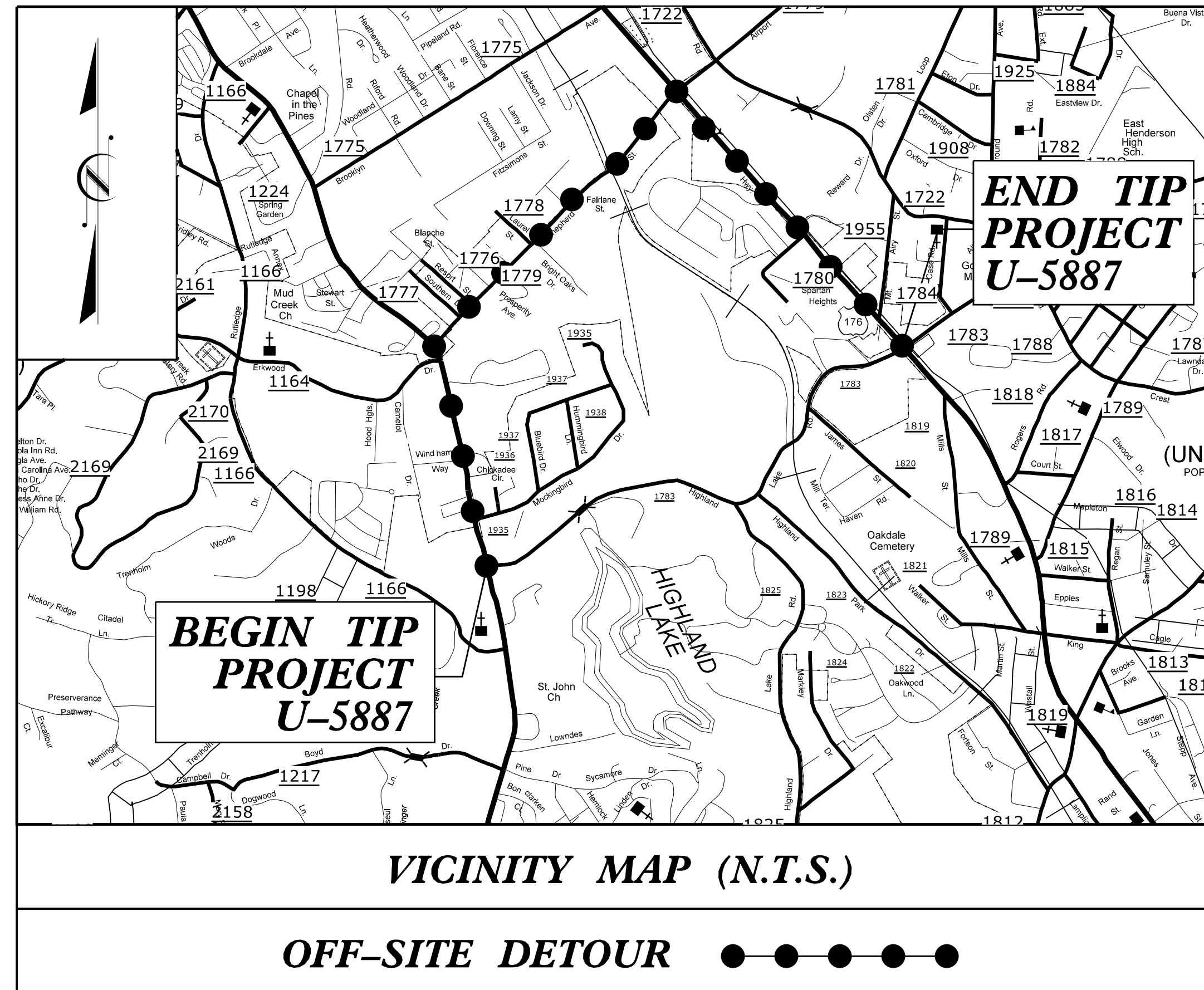
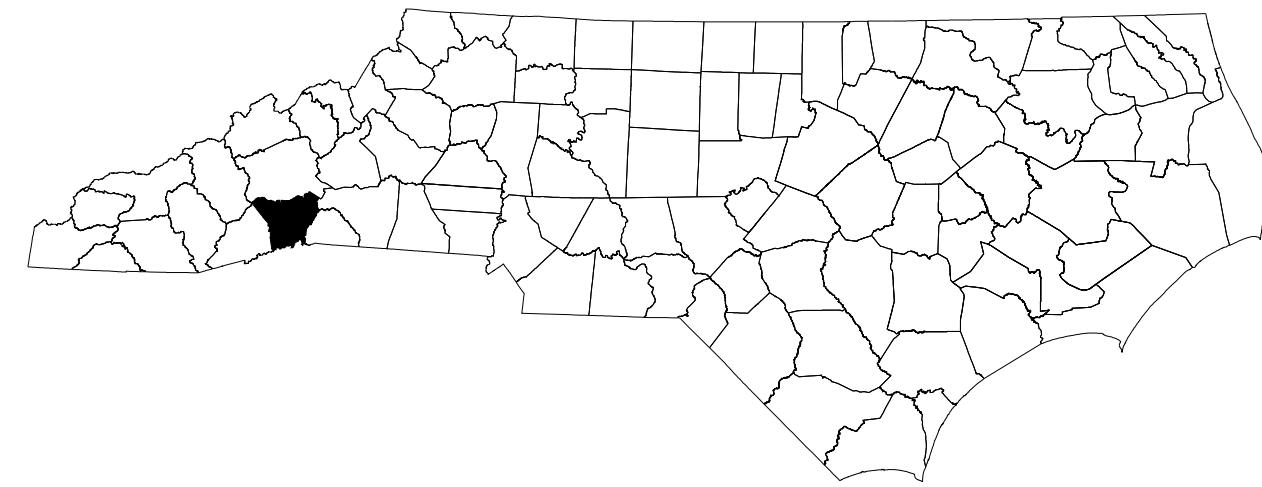


STATE OF NORTH CAROLINA  
DIVISION OF HIGHWAYS

**TRANSPORTATION MANAGEMENT PLAN**

**HENDERSON COUNTY**



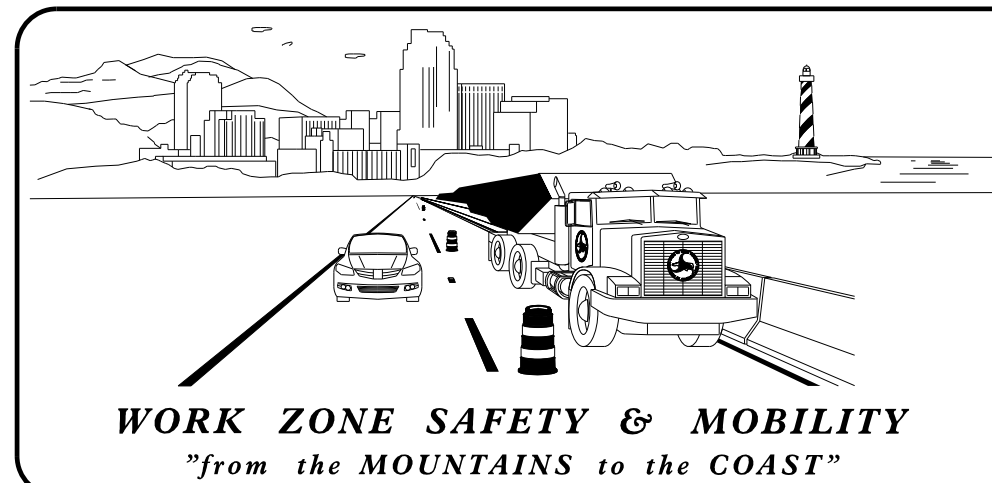
**LOCATION: SR 1783 (NORTH HIGHLAND LAKE ROAD) FROM NC225 TO WEST OF US 176**

**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 AND TMP-1C	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES, AND LOCAL NOTES)
TMP-2 AND TMP-2A	TEMPORARY TRAFFIC CONTROL PHASING
TMP-2B	SPECIAL SIGN DESIGN
TMP-2C	TEMPORARY SHORING NOTES
TMP-3 THRU TMP-3A	OFF-SITE DETOUR AND SIGNING DETAIL
TMP-3B THRU TMP-3C	TEMPORARY TRAFFIC CONTROL FOR WATER LINE INSTALLATION
TMP-4 THRU TMP-8	TEMPORARY TRAFFIC CONTROL PHASE I DETAIL
TMP-9 THRU TMP-13	TEMPORARY TRAFFIC CONTROL PHASE II DETAIL
TMP-14 THRU TMP-18	TEMPORARY TRAFFIC CONTROL PHASE III DETAIL

SHEET NO.  
TMP-1

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PLANS PREPARED BY:

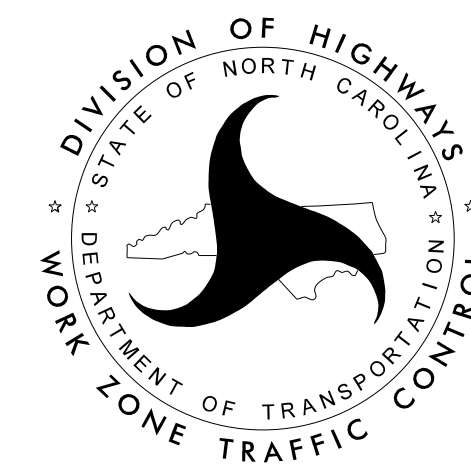
**REECE SCHULER, PE, PLS**  
PROJECT ENGINEER

**CHRIS MARTELL**  
PROJECT DESIGN ENGINEER

NCDOT CONTACTS:

**BARRY MOSTELLER**  
PROJECT ENGINEER

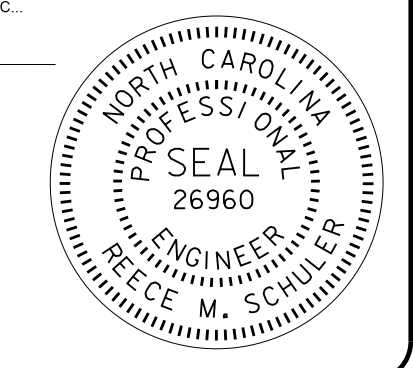
**PROJECT DESIGN ENGINEER**



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APPROVED: *Reece M. Schuler*  
DATE: 7/21/2020

SEAL



**TIP PROJECT: U-5887**

# ROADWAY STANDARD DRAWINGS

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

STD. NO.	TITLE
1101.01	WORK ZONE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	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
1180.01	SKINNY - DRUMS
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMP
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
1205.12	PAVEMENT MARKINGS - BRIDGES
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

## SIGNALS

- EXISTING
- PROPOSED
- TEMP

## PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

## TRAFFIC CONTROL DEVICES

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

## TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

## PAVEMENT MARKERS

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

## TEMPORARY PAVEMENT MARKING

SYMBOL	DESCRIPTION	SYMBOL	DESCRIPTION
<u>PAVEMENT MARKING LINES</u>			
	4" PAINT		
P1	WHITE EDGELINE		
P2	WHITE SOLID LANE LINE		
P4	3 FT. - 9 FT./SP WHITE MINISKIP		
P5	2 FT. - 6 FT./SP WHITE MINISKIP		
P10	YELLOW EDGELINE		
P11	YELLOW SINGLE CENTER		
P12	10 FT. YELLOW SKIP		
P13	YELLOW DOUBLE CENTER		
	8" PAINT		
P46	WHITE CROSSWALK LINE		
	16" PAINT		
P60	WHITE LINE, RR X		
	24" PAINT		
P61	WHITE STOPBAR		
<u>PAVEMENT MARKING SYMBOLS &amp; CHARACTERS</u>			
P70	LEFT TURN ARROW		
P71	RIGHT TURN ARROW		
P72	STRAIGHT ARROW		
P74	COMBO RIGHT/STRAIGHT ARROW		
<u>PAVEMENT MARKERS (NOT SHOWN ON PLANS)</u>			
<u>TEMPORARY RAISED</u>			
MI	CRYSTAL & RED		
MH	YELLOW & YELLOW		

NOTE: FOR EACH PAINT PAVEMENT MARKING ITEM, REFER TO GENERAL NOTES FOR NUMBER OF APPLICATIONS.

- P70
- P71
- P72
- P74

APPROVED: DATE: 7/21/2020	SEAL 		<b>ROADWAY STANDARD DRAWINGS &amp; LEGEND</b>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			

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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 UNDESIRE OVERLAPPING OF DEVICES. MODIFICATION MAY INCLUDE: MOVING, SUPPLEMENTING, COVERING, OR REMOVAL OF DEVICES AS DIRECTED BY THE ENGINEER.

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

### TIME RESTRICTIONS

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

ROAD NAME	DAY AND TIME RESTRICTIONS
ALL ROADS	MONDAY THRU FRIDAY, 6:00 AM TO 9:00 AM 4:00 PM TO 7:00 PM

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

ROAD NAME
ALL ROADS

### HOLIDAY

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

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
ALL ROADS	MONDAY THRU SUNDAY. 6:00 AM TO 7:00 PM	30 MIN., TIE-INS, PM PLACEMENT TRAFFIC SHIFTS

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

### LANE AND SHOULDER CLOSURE REQUIREMENTS

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

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

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

### 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) 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) 200 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

### TRAFFIC BARRIER

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

PROTECT THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER FROM ONCOMING TRAFFIC AT ALL TIMES BY A TEMPORARY CRASH CUSHION UNLESS THE APPROACH END OF MOVABLE/PORTABLE CONCRETE BARRIER IS OFFSET FROM ONCOMING TRAFFIC AS FOLLOWS OR AS SHOWN IN THE PLANS: (SEE ALSO 1101.05)

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

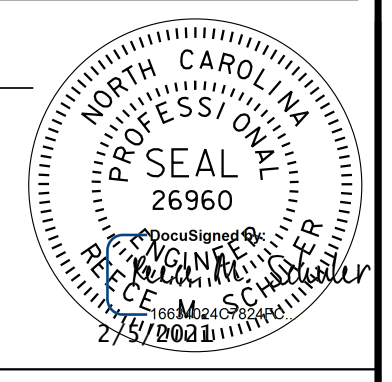

### TRAFFIC CONTROL DEVICES

R) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN 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.

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

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

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**GENERAL NOTES /  
LOCAL NOTES**

**MANAGEMENT  
STRATEGIES**

PROJ. REFERENCE NO.	SHEET NO.
U-5887	TMP-1C

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
ALL ROADS	PAINT	NONE

- V) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.
- W) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.
- X) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.
- Y) TRACE THE EXISTING AND PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO REMOVAL AND INSTALLATION. PLACE DRUMS TO DELINEATE ANY EXISTING AND PROPOSED MONOLITHIC ISLANDS AFTER REMOVAL AND BEFORE INSTALLATION.

MISCELLANEOUS

- Z) LAW ENFORCEMENT SHALL BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- AA) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 200 FT AND 200 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.
- BB) ALL CURB RAMP LOCATIONS SHALL BE DERIVED FROM STATIONING SHOWN ON PAVEMENT MARKING PLANS OR AS DIRECTED BY THE ENGINEER IN COORDINATION WITH THE SIGNING AND DELINEATION UNIT.
- CC) CONTRACTOR SHALL MAINTAIN SIDEWALK ACCESS AT ALL TIMES AS STATED IN THE PHASING. CONTRACTOR SHALL BE RESPONSIBLE TO PROVIDE TEMPORARY SIDEWALKS (CONCRETE, ASPHALT, OR OTHER SUITABLE MATERIAL AS APPROVED BY THE ENGINEER) AT ALL LOCATIONS WHERE THE OPEN PEDESTRIAN TRAVELWAY HAS BEEN REMOVED FOR CONSTRUCTION OPERATIONS (UTILITIES, DRAINAGE, ETC.).

THE FOLLOWING LISTED WORK ZONE STRATEGIES ARE RECOMMENDED FOR INCLUSION WITHIN THIS TRANSPORTATION MANAGEMENT PLAN (TMP).

RECOMMENDED STRATEGIES:

TRAFFIC MANAGEMENT STRATEGIES:

- LANE SHIFTS OR CLOSURES
- NIGHT WORK
- PEDESTRIAN / BICYCLE ACCOMMODATIONS
- OFF-SITE DETOURS / USE OF ALTERNATIVE ROUTES

LOCAL NOTES:

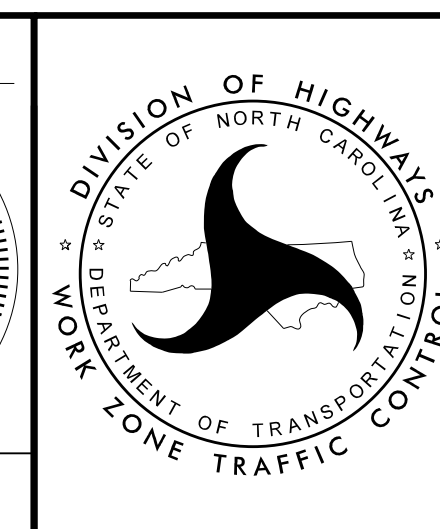
- 1) EMERGENCY VEHICLE ACCESS MUST BE MAINTAINED AT ALL TIMES.
- 2) NOTIFY THE HENDERSON COUNTY SCHOOL BOARD 30 DAYS BEFORE ANY LANE CLOSURES.

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APPROVED: *Reece M. Schuler*  
DATE: 7/21/2020

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**TRANSPORTATION  
OPERATIONS  
PLAN**

# PHASING

## PHASE I

STEP 1: - ERECT WORK ZONE ADVANCED WARNING SIGNS USING RSD NO. 1101.01, SHEET 3 OF 3.

**NOTE:** STEPS 2 THRU 4 SHALL BE PERFORMED USING NIGHTLY LANE CLOSURES, FLAGGERS AS NECESSARY, AND LAW ENFORCEMENT. WORK CAN ONLY BE PERFORMED MONDAY-THURSDAY, FROM 10:00 P.M. TO 5:59 A.M, EIGHT (8) CONSECUTIVE HOURS PER DAY. ALL TRAFFIC DEVICES AND SIGNS SHALL BE REMOVED AND STORED IN A SAFE LOCATION, AND ALL EXCAVATION WITHIN THE TRAVEL WAY SHALL BE COVERED WITH STEEL PLATES BY 6:00 A.M.

STEP 2: - USING ROADWAY STANDARD DRAWINGS (RSD) NO. 1101.02, SHEETS 3 & 7 OF 14, BEGIN WATER LINE INSTALLATION AS SHOWN ON TMP-3B AND UTILITIES CONSTRUCTION PLANS.

**NOTE:** IN THE EVENT AN EXCAVATION WITHIN THE TRAVEL WAY NEEDS TO REMAIN OPEN FOR FURTHER WORK, COVER WITH STEEL PLATES BEFORE DIRECTING TRAFIC TO EXISTING TRAFFIC PATTERN, OTHERWISE, FILL EXCAVATION AND REPAIR PAVEMENT AS SHOWN ON THE ROADWAY PLANS.

STEP 3: - USING RSD NO. 1101.02, SHEETS 3 & 7 OF 14, REMOVE, AS NECESSARY, EXISTING PAVEMENT MARKINGS, AND PLACE PAVEMENT MARKINGS AND MARKERS AS NEEDED.

- USING RSD NO. 1101.02, SHEETS 3 & 7 OF 14, CONTINUE WATER LINE INSTALLATION AS SHOWN ON TMP-3C AND UTILITIES CONSTRUCTION PLANS.

**NOTE:** IN THE EVENT AN EXCAVATION WITHIN THE TRAVEL WAY NEEDS TO REMAIN OPEN FOR FURTHER WORK, COVER WITH STEEL PLATES BEFORE DIRECTING TRAFIC TO EXISTING TRAFFIC PATTERN, OTHERWISE, FILL EXCAVATION, REPAIR PAVEMENT AND REPLACE ALL DAMAGED/REMOVED PAVEMENT MARKINGS.

STEP 4: - USING RSD NO. 1101.02, SHEETS 3 & 7 OF 14, REMOVE STEEL PLATES AND FILL EXCAVATION, REPAIR PAVEMENT AND REPLACE ALL DAMAGED/REMOVED PAVEMENT MARKINGS AND MARKERS PER RSD 1205.01, 1205.02, 1205.04, 1205.05, 1205.07, 1205.08, 1205.09, 1250.01 AND 1251.01.

**NOTE:** STEP 5 SHALL BE COMPLETED IN A CONTINUOUS OPERATION.

STEP 5: - USING RSD NO. 1101.02, SHEET 1 OF 14, AND FLAGGERS AS NECESSARY, PERFORM THE FOLLOWING ON -L- SR 1783 (NORTH HIGHLAND LAKE RD.) AND ALL -Y- ROADS:

- REMOVE, AS NECESSARY, EXISTING PAVEMENT MARKINGS, AND PLACE TEMPORARY PAVEMENT MARKINGS.

- BEGIN ROAD WIDENING UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE

- BEGIN PROPOSED SIDEWALK AND MULTI-USE PATH CONSTRUCTION. SEE SHEETS TMP-4 THRU TMP-8.

**NOTE:** INSTALL PEDESTRIAN BARRICADES AND SIGNS, CLOSE PROPOSED SIDEWALKS AND MAINTAIN PEDESTRIAN TRAFFIC AS DIRECTED BY THE ENGINEER (SEE SHEETS TMP-6 THRU TMP-8). DO NOT MAINTAIN PEDESTRIAN TRAFFIC DURING THE CONSTRUCTION OF PROPOSED SIDEWALK FROM -L- STA. 11+25 +/- TO -L- STA. 13+30 +/-, AND DURING THE CONSTRUCTION OF -PATH1- (SEE SHEETS TMP-4 AND TMP-5).

- BEGIN PROPOSED DRAINAGE STRUCTURE AND DITCH CONSTRUCTION AND PIPE INSTALLATION. SEE ROADWAY PLANS.

**NOTE:** CONSTRUCT DRAINAGE STRUCTURES 0613, 0702, 0707, 0714, AND 0715 TO TEMPORARY ELEVATION AND COVER WITH STEEL PLATES. SEE SHEETS TMP-4 THRU TMP-8.

STEP 6: - INSTALL AND COVER OFF-SITE DETOUR NO.1 SIGNS (SEE SHEET TMP-2B AND SHEET TMP-3).

## PHASE II

WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK REQUIRED IN PHASE II, STEPS 1 THRU 6, FOR 150 DAYS OR AS DIRECTED BY THE ENGINEER. SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES.

STEP 1: - USING RSD 1101.03, SHEET 1 OF 9, UNCOVER OFF-SITE DETOUR NO. 1 SIGNS, PLACE TYPE III BARRICADES AND CLOSE -L- SR 1783 (N. HIGHLAND LAKE RD.) AND DIRECT SR 1783 TRAFFIC TO OFF-SITE DETOUR. SEE SHEET TMP-3.

STEP 2: - RELOCATE, AS NECESSARY PEDESTRIAN BARRICADES AND SIGNS. SEE SHEETS TMP-9 THRU TMP-13.

STEP 3: - AWAY FROM TRAFFIC, CONSTRUCT TEMPORARY SHORING NO. 01 AND PROPOSED CULVERT NEAR -L- STA. 22+45 +/- . SEE SHEETS TMP-2C, TMP-3, TMP-10 AND STRUCTURE PLANS.

STEP 4: - RELOCATE OFF-SITE DETOUR NO. 1 SIGNS AND BARRICADES AS SHOWN ON OFF-SITE DETOUR NO. 2. SEE SHEET TMP-3A.

STEP 5: - AWAY FROM TRAFFIC, CONSTRUCT PROPOSED CULVERT NEAR -L- STA. 40+83 +/- . SEE SHEET TMP-3A AND STRUCTURE PLANS.

STEP 6: - REMOVE ALL TYPE III BARRICADES AND OFF-SITE DETOUR SIGNS.

**NOTE:** STEP 7 SHALL BE COMPLETED IN A CONTINUOUS OPERATION.

STEP 7: - USING RSD NO. 1101.02, SHEET 1 OF 14, AND FLAGGERS AS NECESSARY, PERFORM THE FOLLOWING ON -L- SR 1783 (NORTH HIGHLAND LAKE RD.) AND ALL -Y- ROADS:

- MILL AND WEDGE EXISTING ROADWAY UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

- REMOVE, AS NECESSARY, EXISTING PAVEMENT MARKINGS, AND PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON SHEETS TMP-9 THRU TMP-13.

- COMPLETE ROAD WIDENING UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

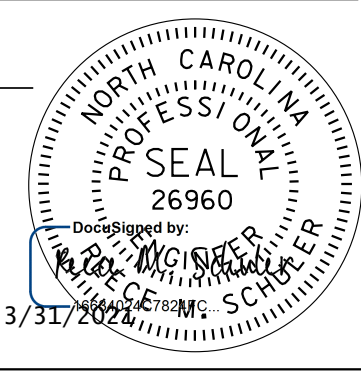

- COMPLETE PROPOSED SIDEWALK AND MULTI-USE PATH CONSTRUCTION. SEE SHEETS TMP-9 THRU TMP-13.

**NOTE:** INSTALL PEDESTRIAN BARRICADES AND SIGNS, CLOSE PROPOSED SIDEWALKS AND MAINTAIN PEDESTRIAN TRAFFIC AS DIRECTED BY THE ENGINEER. SEE SHEETS TMP-9 THRU TMP-13.

- COMPLETE PROPOSED DRAINAGE STRUCTURE AND DITCH CONSTRUCTION AND PIPE INSTALLATION. SEE ROADWAY PLANS.

STEP 8: - REMOVE ALL PEDESTRIAN BARRICADES AND SIGNS AND OPEN SIDEWALKS AND MULTI-USE PATH TO PEDESTRIAN TRAFFIC.

3/31/2021 4:42:34 PM  
 ...TCPU5887\_TMP\_2.dgn  
 User: jcp@ipb01

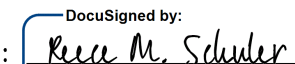
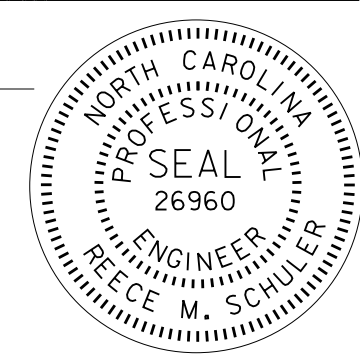

APPROVED: _____  DATE: _____  SEAL			<h3 style="margin: 0;">TEMPORARY TRAFFIC CONTROL PHASING</h3>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>			

# PHASING

## PHASE III

- NOTE: STEP 1 SHALL BE COMPLETED IN A CONTINUOUS OPERATION.
- STEP 1: - USING RSD NO. 1101.02, SHEETS 1 OF 14, AND FLAGGERS AS NECESSARY, PERFORM THE FOLLOWING:
- REMOVE CONFLICTING EXISTING PAVEMENT MARKINGS AND PLACE TEMPORARY PAVEMENT MARKINGS, AS NEEDED.
  - DELINEATE WITH SKINNY DRUMS AND INSTALL PROPOSED MONOLITHIC CONCRETE ISLANDS PER THE ROADWAY PLANS. SEE SHEETS TMP-16 AND TMP-17.
- STEP 2: - USING RSD NO. 1101.02, SHEET 1 OF 14, AND FLAGGERS AS NECESSARY, PLACE THE FINAL LAYER OF SURFACE COURSE AND FINAL PAVEMENT MARKINGS (PAINT) ON THE ENTIRE PROJECT. SEE SHEETS TMP-14 THRU TMP-18, ROADWAY AND PAVEMENT MARKING PLANS.
- STEP 3: - ONCE ALL CONSTRUCTION IS COMPLETE, REMOVE ALL SIGNS AND DEVICES, AND OPEN  
-L- SR 1783 (NORTH HIGHLAND LAKE RD.) AND ALL -Y- ROADS TO THEIR FINAL TRAFFIC PATTERN.

7/21/2020  
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User: tcjmar-tell

APPROVED:  <small>DocuSigned by: 19634024C7824FC...</small> DATE: 7/21/2020	SEAL 	 <b>TEMPORARY TRAFFIC CONTROL PHASING</b>
<b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b>		

SIGN NUMR: I-1  
 TYPE: D Ground  
 QUANTITY: See Plans

BACKG. COLOR: Orange  
 COPY COLOR: Black  
 DESIGN BY: CGM  
 PROJECT ID: U-5887

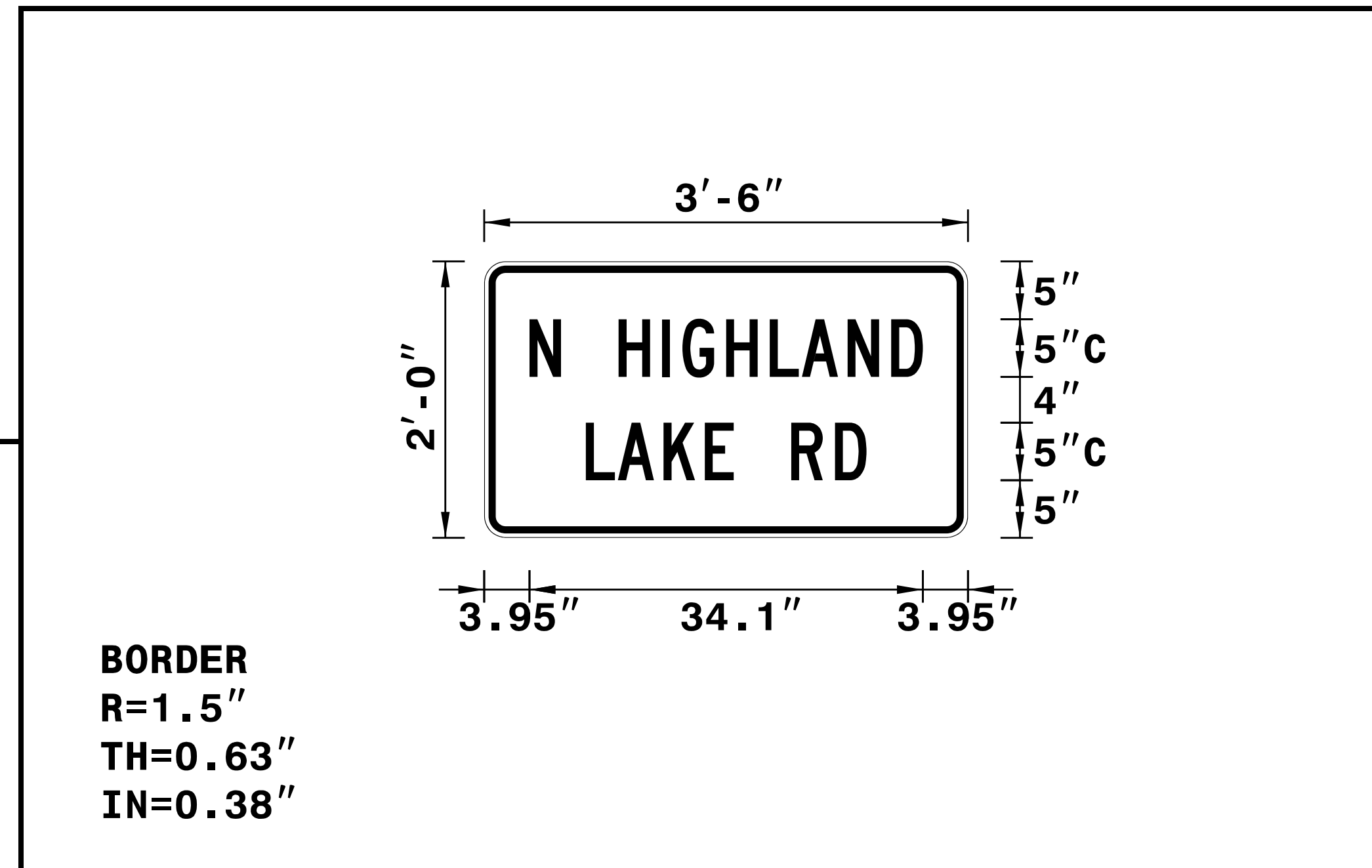
CHK BY: LDB  
 DIV: 14

DATE: January 16, 2020

SIGN WIDTH: 3'-6"  
 HEIGHT: 2'-0"  
 TOTAL AREA: 7.0 Sq. Ft.  
 MAT'L: 0.063 in. (1.6 mm) ALUMINUM

SYMBOL	X	Y	WID	HT

BORDER TYPE: INSET  
 RECESS: 0.38"  
 WIDTH: 0.63"  
 RADII: 1.5"  
 NO. Z BARS:  
 LENGTH: in.



- USE NOTES: 1,2
- Legend and border shall be direct applied black non-reflective sheeting.
  - Background shall be NC grade B fluouresent orange retroreflective sheeting.

BORDER  
 R=1.5"  
 TH=0.63"  
 IN=0.38"

Letter spacings are to start of next letter

												Series/Size	
												Text Length	
	N		H	I	G	H	L	A	N	D			C 2000/5
3.9	2.7	5	3.8	1.7	3.8	3.8	2.8	4	3.8	2.7	3.9		34.1
	L	A	K	E		R	D						C 2000/5
8.8	2.8	4	3.6	2.5	5	3.8	2.7	8.8					24.4

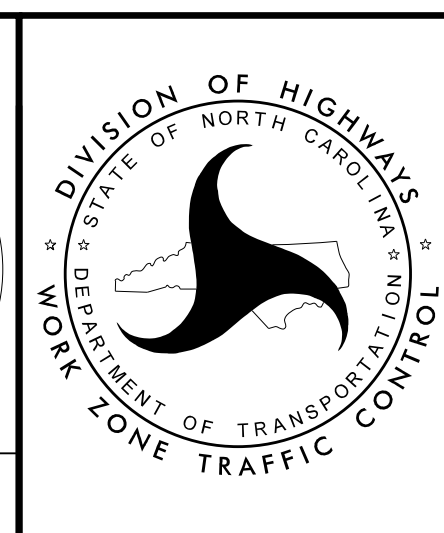
Spacing Factor is 1 unless specified otherwise  
 FILENAME: SPECIAL\_SIGN\_DESIGN

7/21/2020  
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 User:tcjmar-tell

APPROVED: *Rece M. Schuler*  
1663424C7824FC...  
 DATE: 7/21/2020

SEAL

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SPECIAL  
 SIGN DESIGN

## TEMPORARY SHORING NOTES

TEMPORARY SHORING LOCATION 01 (SEE SHEET TMP-10)

FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.

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

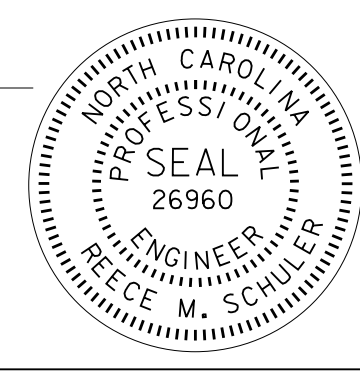
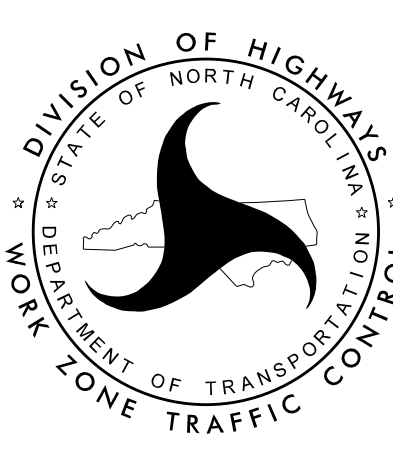
DESIGN TEMPORARY SHORING FROM -L- STA. 22+62 +/-, 7.0 FT (RT), TO -L- STA. 22+71 +/-, 41.5 FT (RT), FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT ( $\phi$ ) = 130 PCF  
 FRICTION ANGLE ( $\gamma$ ) = 40 DEGREES  
 COHESION ( $c$ ) = 0 PSF  
 GROUNDWATER ELEVATION = 2097 FT

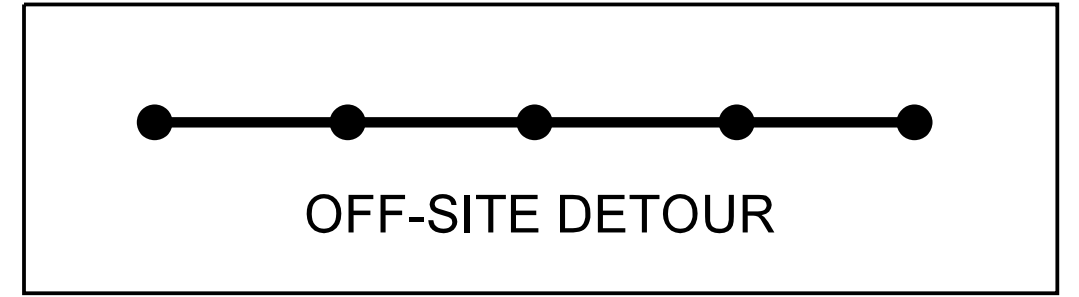
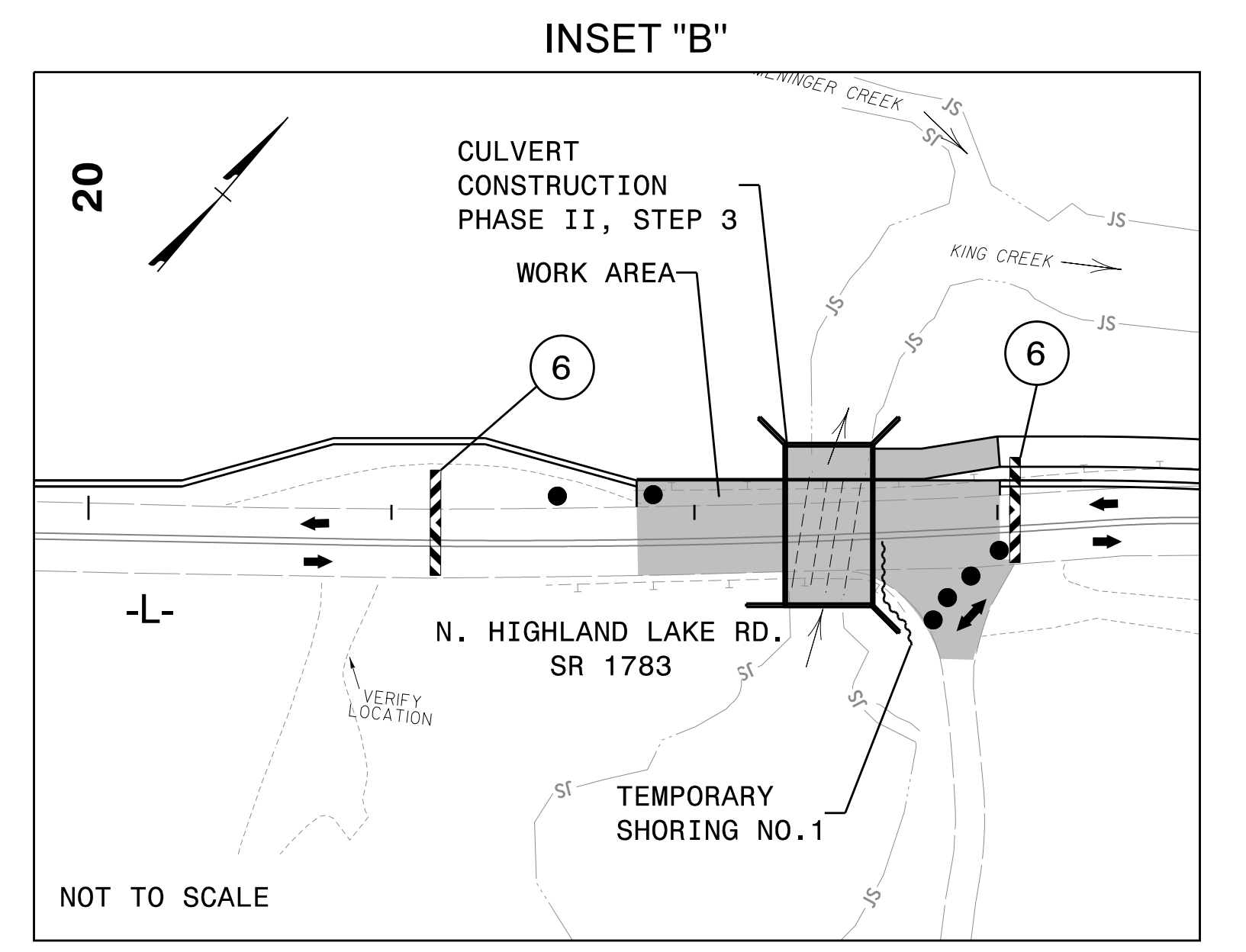
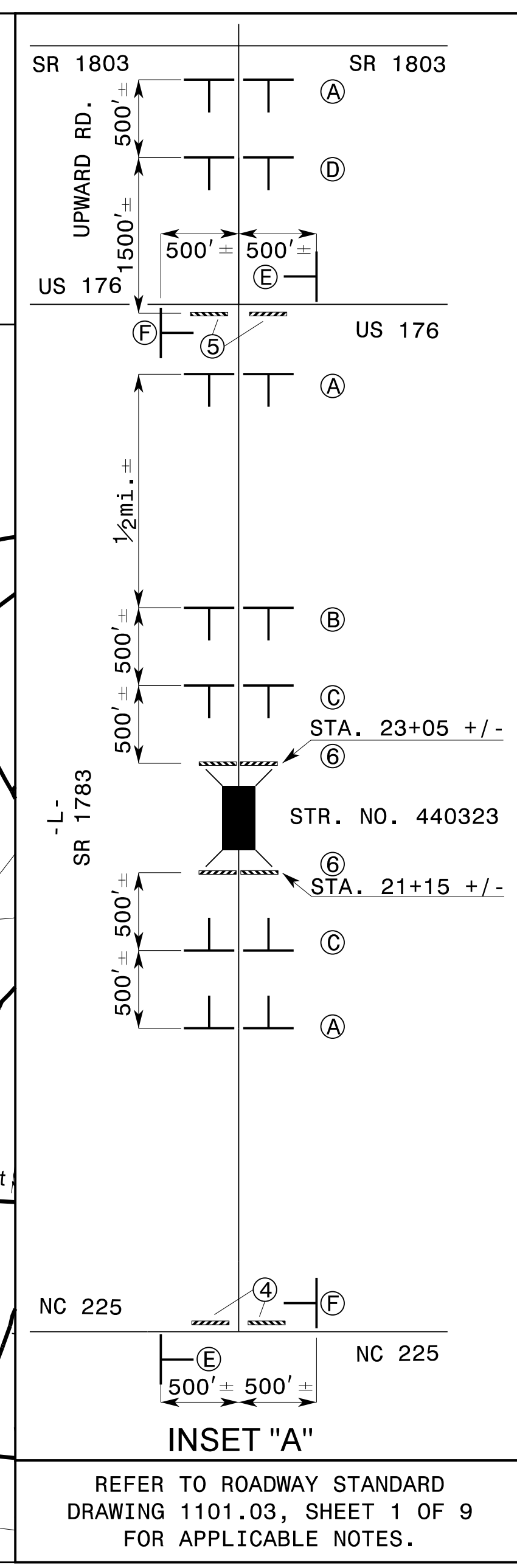
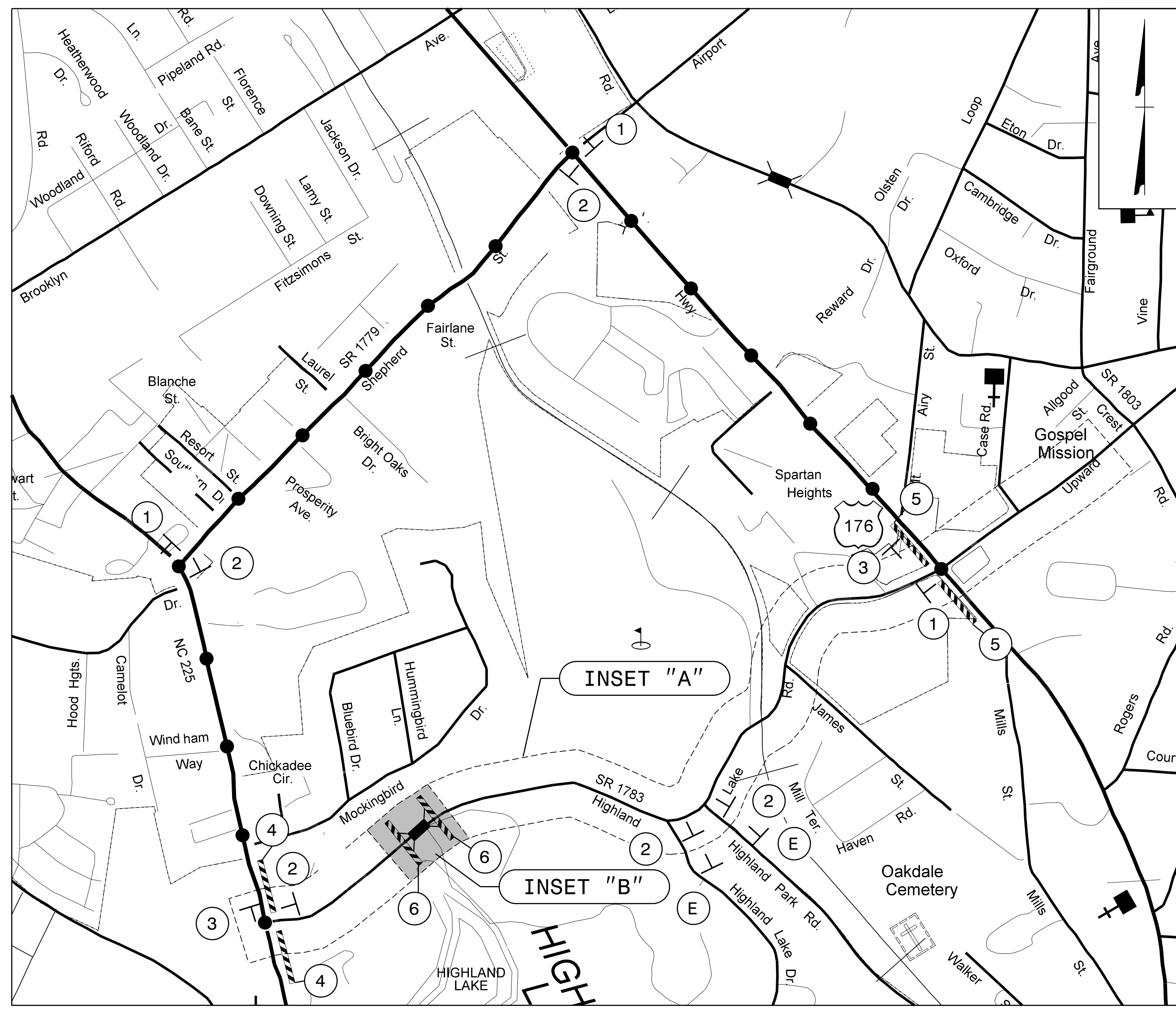
LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

AT THE CONTRACTOR'S OPTION, USE A STANDARD TEMPORARY WALL FOR TEMPORARY SHORING FROM -L- STA. 22+62 +/-, 7.0 FT (RT), TO -L- STA. 22+71 +/-, 41.5 FT (RT). SEE GEOTECHNICAL STANDARD DETAIL NO. 1801.02 FOR STANDARD TEMPORARY WALLS.

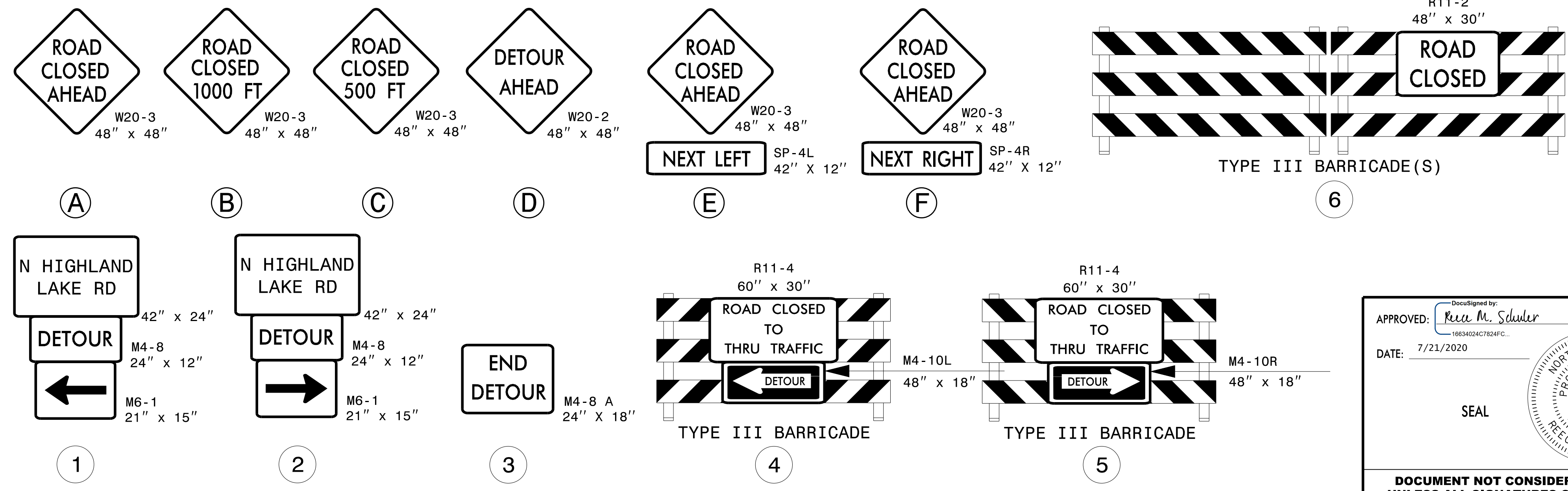
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 User:tcjmar-tell

APPROVED: <i>Rece M. Schuler</i> <small>DocuSigned by: 16634024C7824FC...</small> DATE: 7/21/2020	SEAL 		TEMPORARY SHORING NOTES
<b>DOCUMENT NOT CONSIDERED FINAL                  UNLESS ALL SIGNATURES COMPLETED</b>			





- NOTES:
- ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.
  - ALL DETOUR SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
  - TRAFFIC CONTROL DEVICES (A) THROUGH (F) SHALL BE INSTALLED ACCORDING TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9.
  - TRAFFIC CONTROL DEVICES (1) THROUGH (6) SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS, AND AS SHOWN HEREON.
  - \* SEE ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, FOR ADDITIONAL WORK ZONE SIGNS.

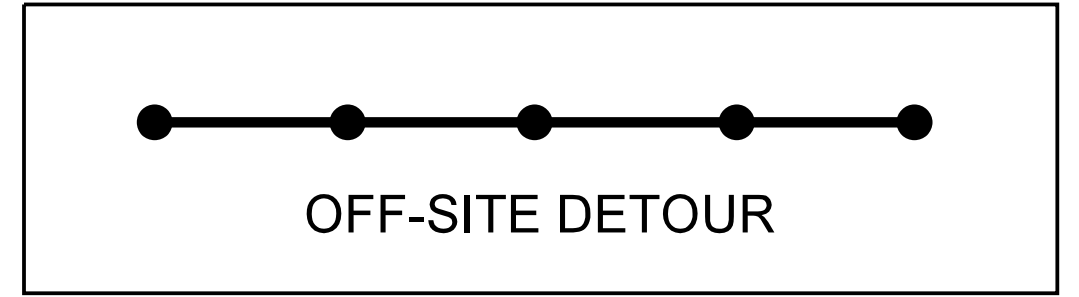
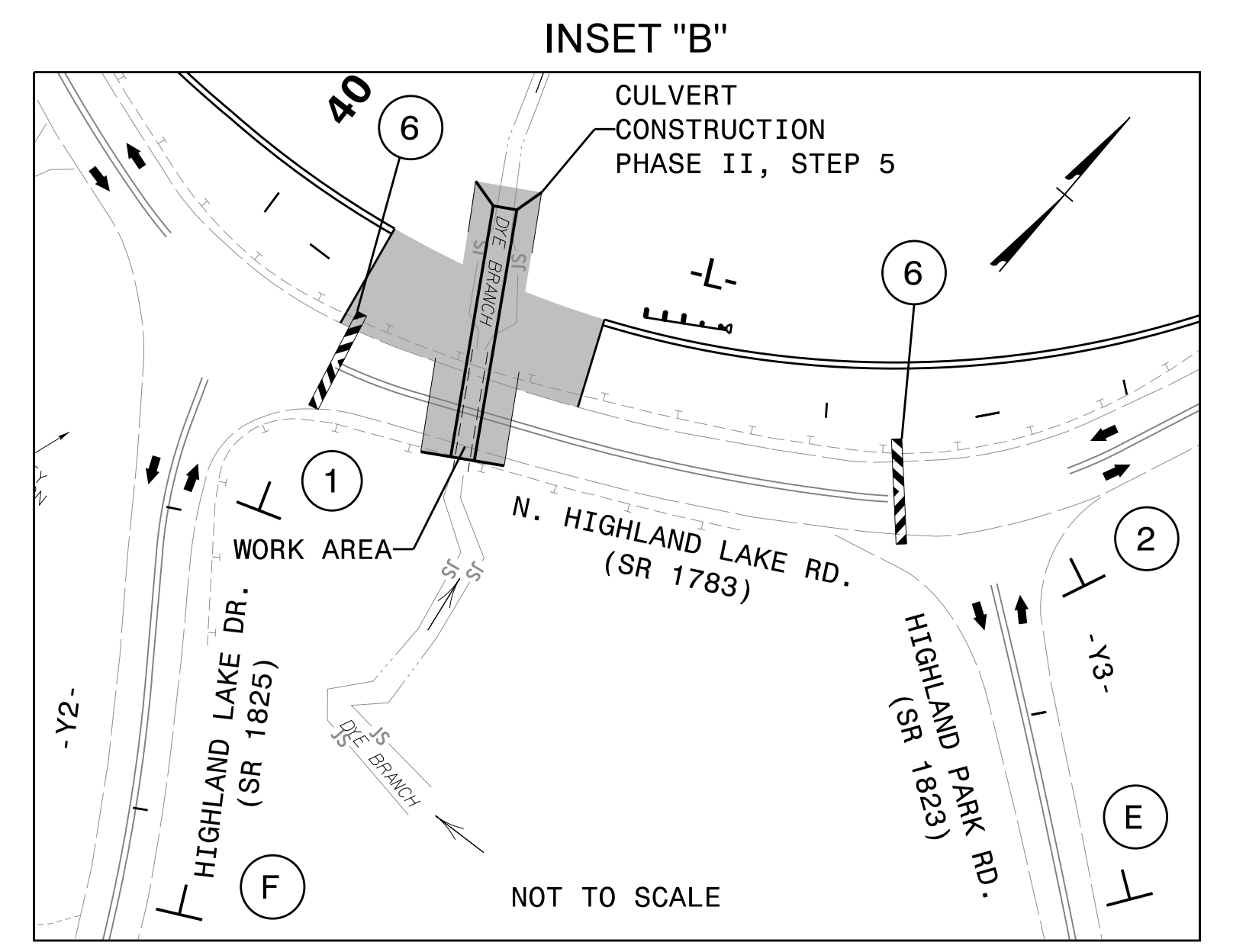
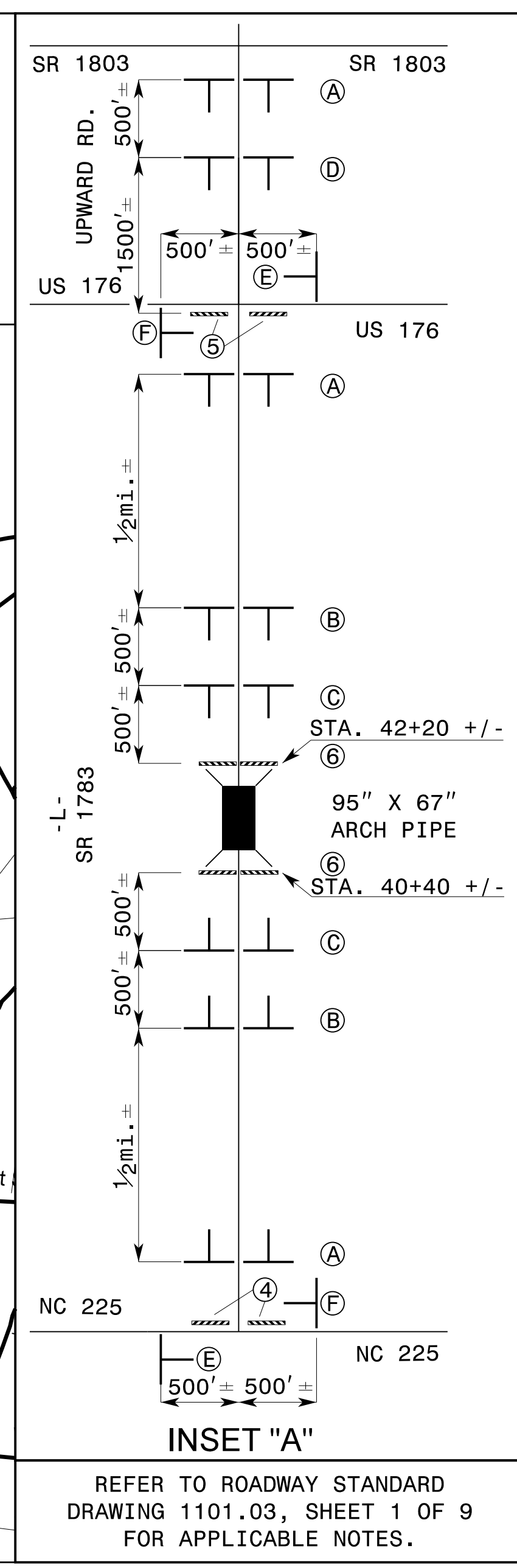
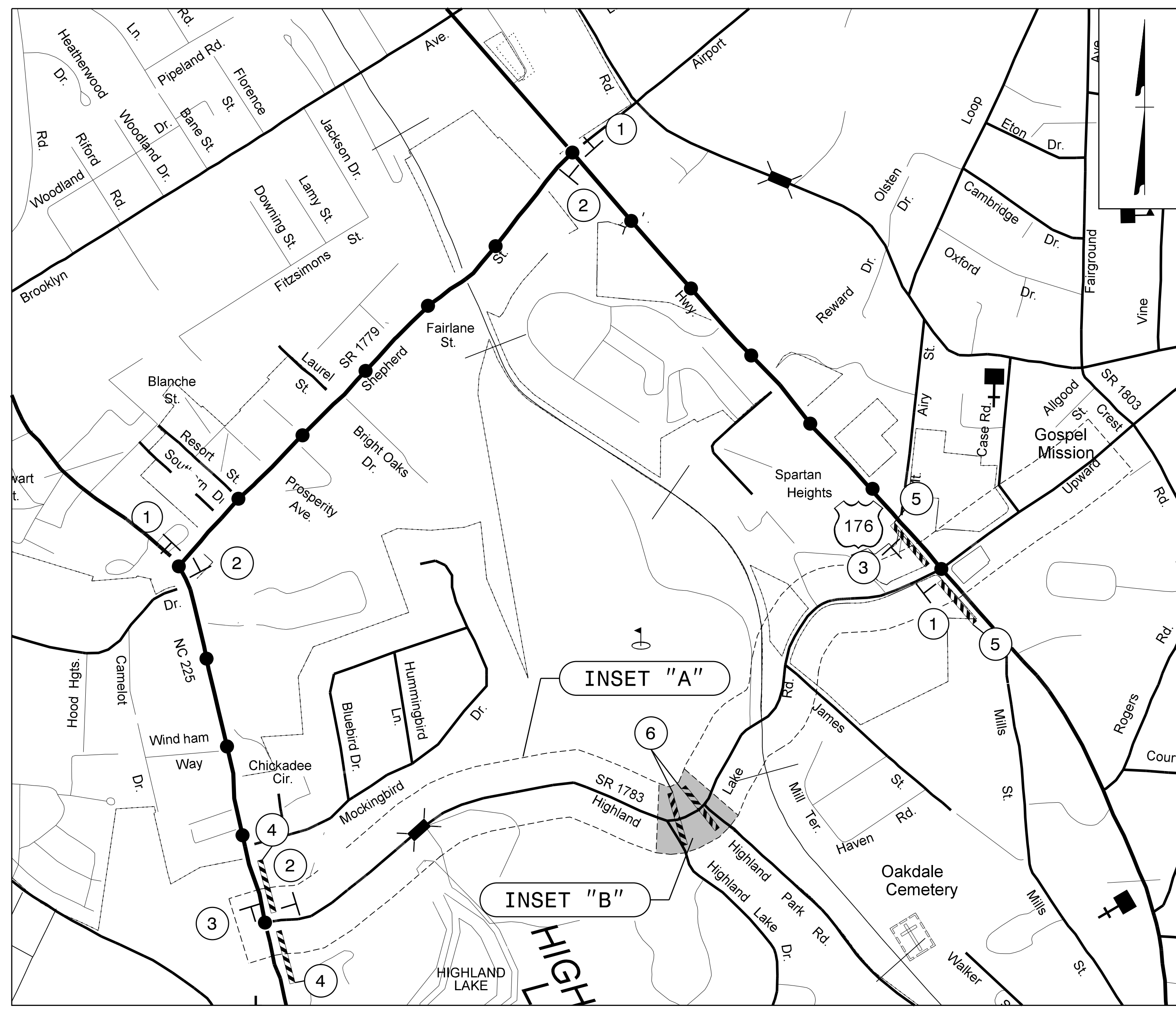


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 DATE: 7/21/2020  
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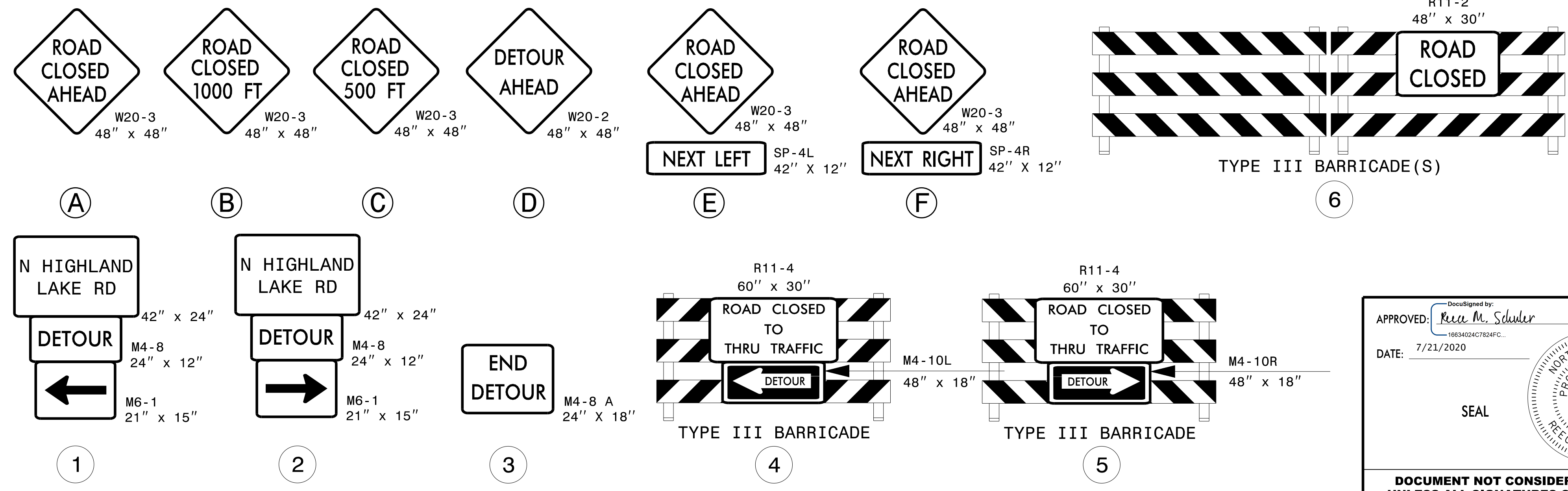


OFF-SITE DETOUR NO. 1  
 AND SIGNING DETAIL  
 FOR CULVERT  
 CONSTRUCTION  
 (-L- STA. 22+45)

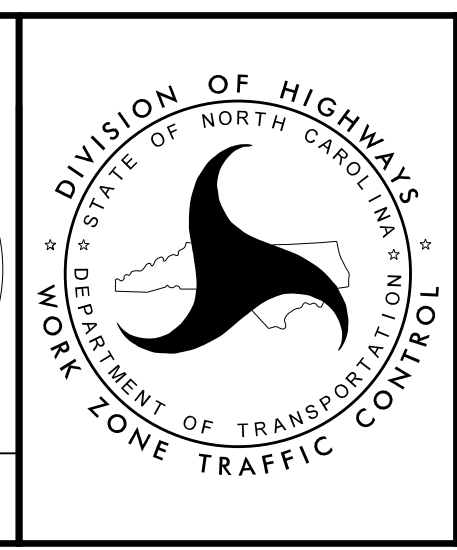
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 User:rcimar@tel



- NOTES:
- ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.
  - ALL DETOUR SIGNS ARE BLACK ON ORANGE UNLESS OTHERWISE NOTED.
  - TRAFFIC CONTROL DEVICES (A) THROUGH (F) SHALL BE INSTALLED ACCORDING TO ROADWAY STANDARD DRAWING 1101.03, SHEET 1 OF 9.
  - TRAFFIC CONTROL DEVICES (1) THROUGH (6) SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS, AND AS SHOWN HEREON.
  - \* SEE ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, FOR ADDITIONAL WORK ZONE SIGNS.

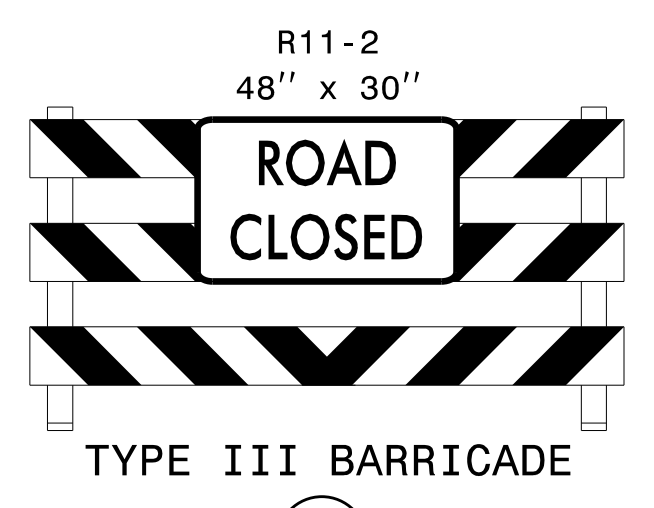


APPROVED: *Reva M. Schuler*  
 DATE: 7/21/2020  
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 UNLESS ALL SIGNATURES COMPLETED

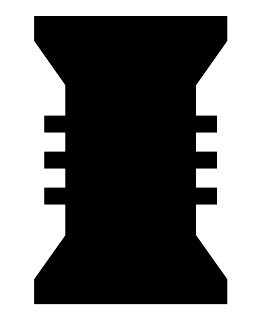


OFF-SITE DETOUR NO. 2  
 AND SIGNING DETAIL  
 FOR 95" X 67" ARCH PIPE  
 INSTALLATION  
 (-L- STA. 40+83)

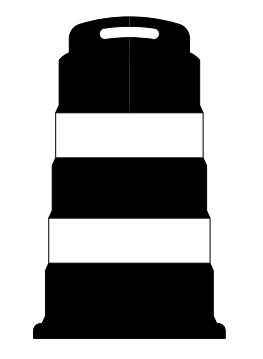
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 User:rcimar@tel



(A)

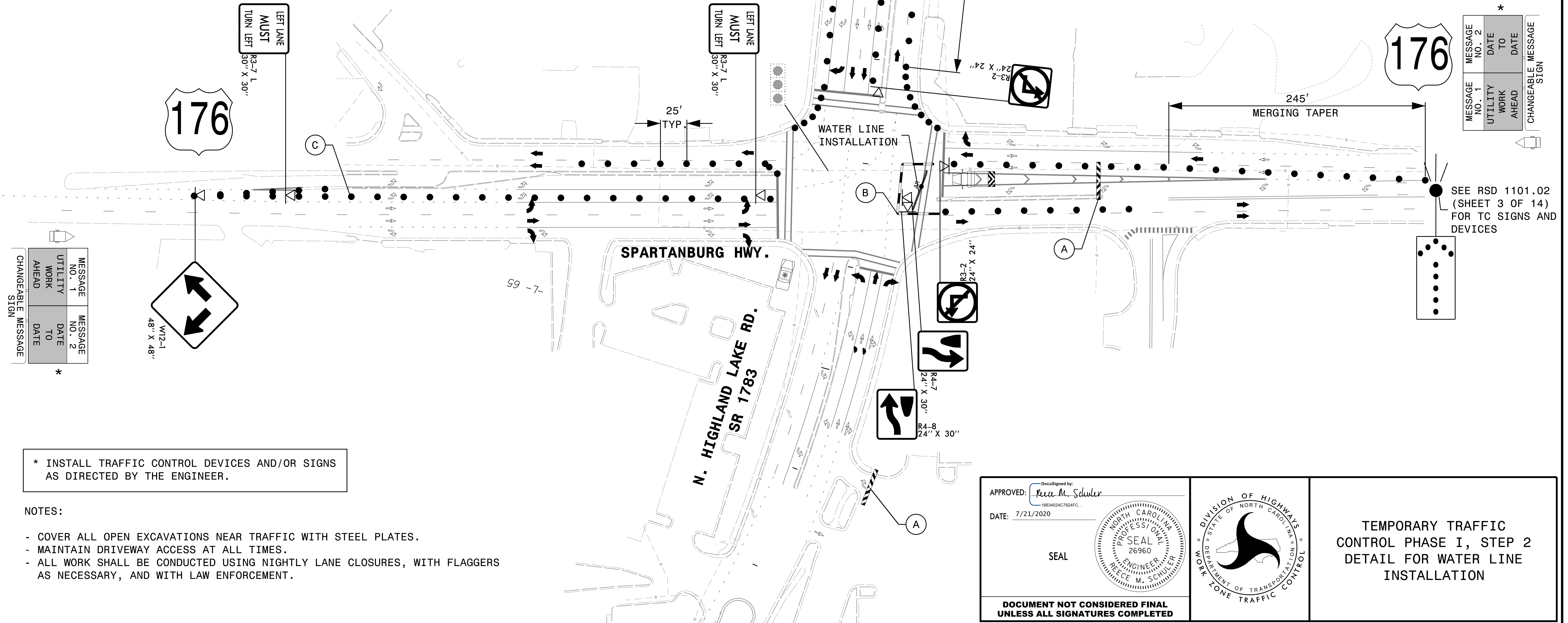


(B)



(C)

MESSAGE NO. 1	UTILITY WORK AHEAD	DATE
MESSAGE NO. 2	CHANGEABLE MESSAGE SIGN	DATE



MESSAGE NO. 1	UTILITY WORK AHEAD	DATE
MESSAGE NO. 2	CHANGEABLE MESSAGE SIGN	DATE

\* INSTALL TRAFFIC CONTROL DEVICES AND/OR SIGNS AS DIRECTED BY THE ENGINEER.

NOTES:

- COVER ALL OPEN EXCAVATIONS NEAR TRAFFIC WITH STEEL PLATES.
- MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.
- ALL WORK SHALL BE CONDUCTED USING NIGHTLY LANE CLOSURES, WITH FLAGGERS AS NECESSARY, AND WITH LAW ENFORCEMENT.

MESSAGE NO. 1	UTILITY WORK AHEAD	DATE
MESSAGE NO. 2	CHANGEABLE MESSAGE SIGN	DATE

SEE RSD 1101.02 (SHEET 3 OF 14) FOR TC SIGNS AND DEVICES

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 DATE: 7/21/2020

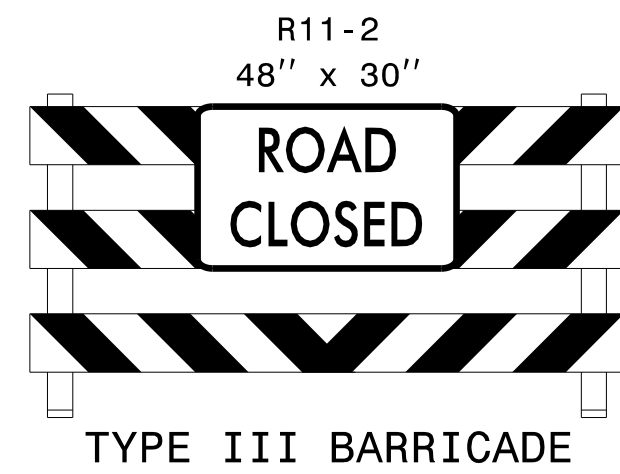
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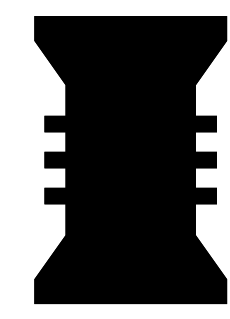


TEMPORARY TRAFFIC CONTROL PHASE I, STEP 2  
 DETAIL FOR WATER LINE INSTALLATION

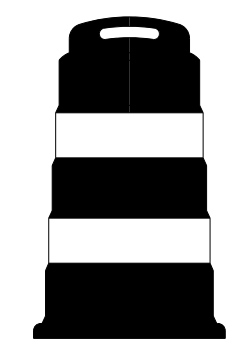
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(A)

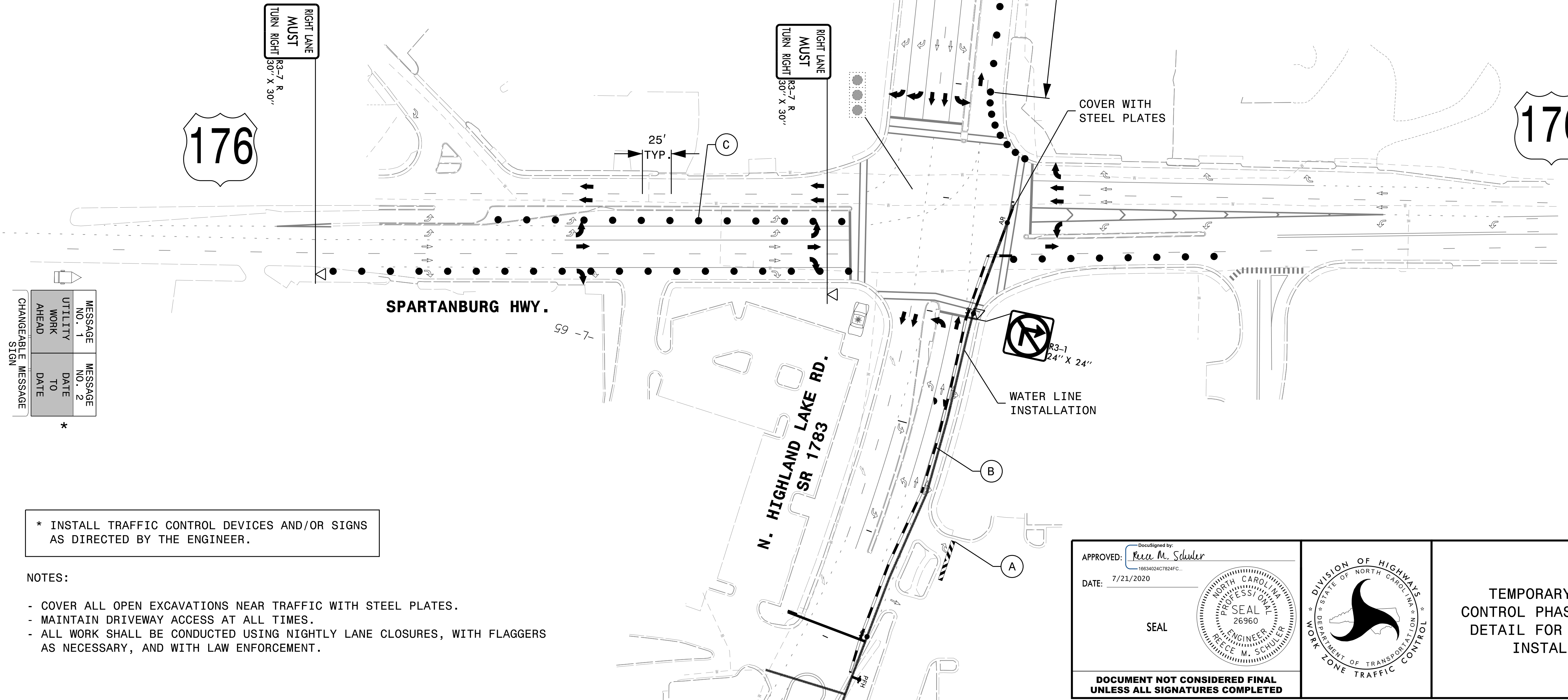
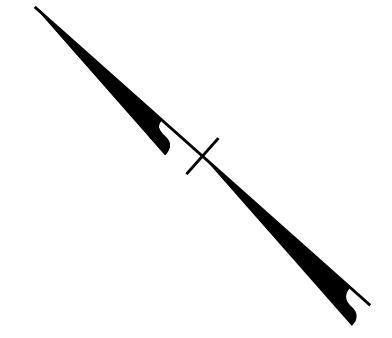


(B)



(C)

MESSAGE NO. 1	UTILITY NO. 1	DATE	MESSAGE NO. 2	UTILITY NO. 2	DATE
CHANGEABLE MESSAGE AHEAD			SIGN		



MESSAGE NO. 1	UTILITY NO. 1	DATE	MESSAGE NO. 2	UTILITY NO. 2	DATE
CHANGEABLE MESSAGE AHEAD			SIGN		

MESSAGE NO. 1	UTILITY NO. 1	DATE	MESSAGE NO. 2	UTILITY NO. 2	DATE
CHANGEABLE MESSAGE AHEAD			SIGN		

\* INSTALL TRAFFIC CONTROL DEVICES AND/OR SIGNS AS DIRECTED BY THE ENGINEER.

NOTES:

- COVER ALL OPEN EXCAVATIONS NEAR TRAFFIC WITH STEEL PLATES.
- MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.
- ALL WORK SHALL BE CONDUCTED USING NIGHTLY LANE CLOSURES, WITH FLAGGERS AS NECESSARY, AND WITH LAW ENFORCEMENT.

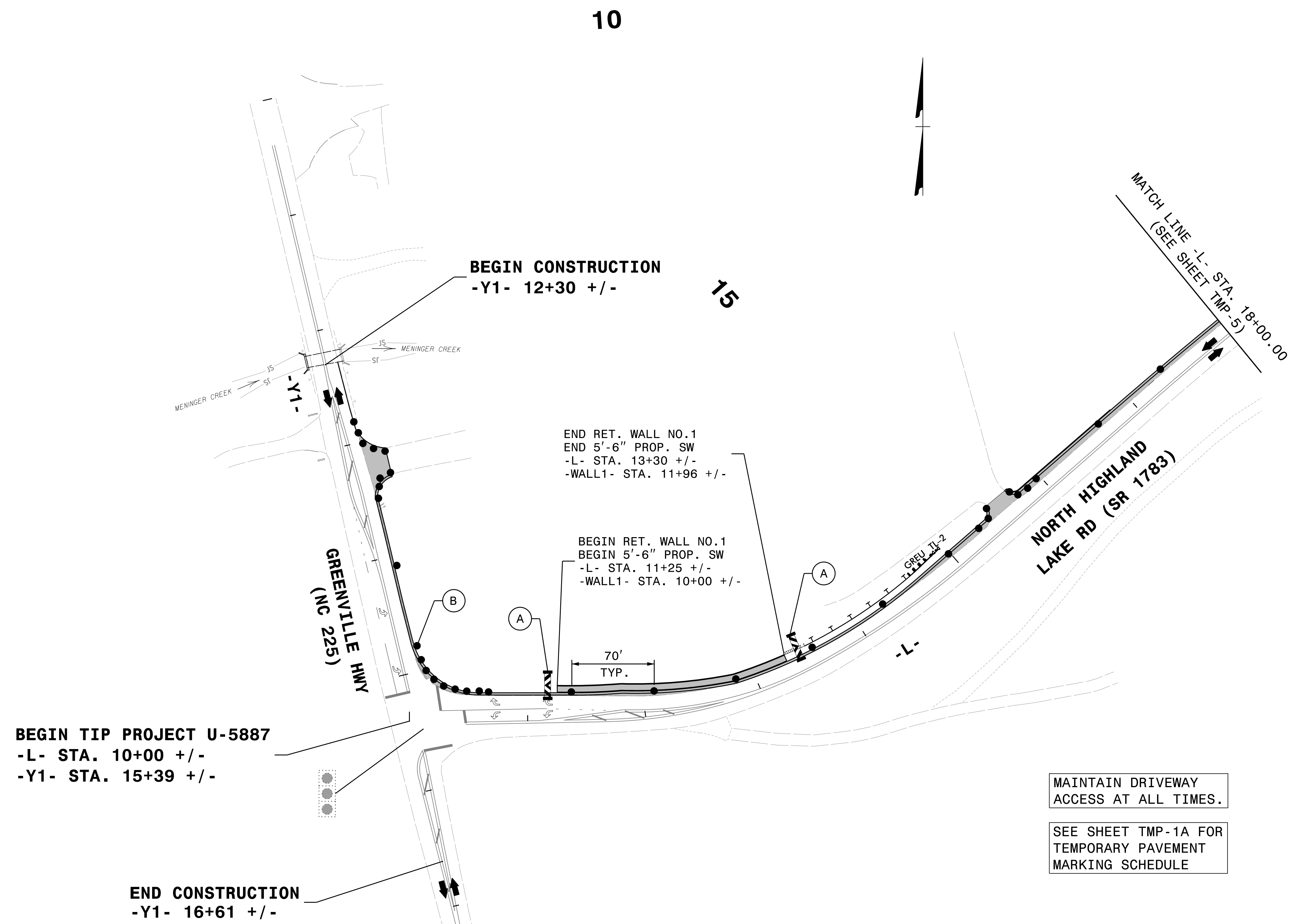
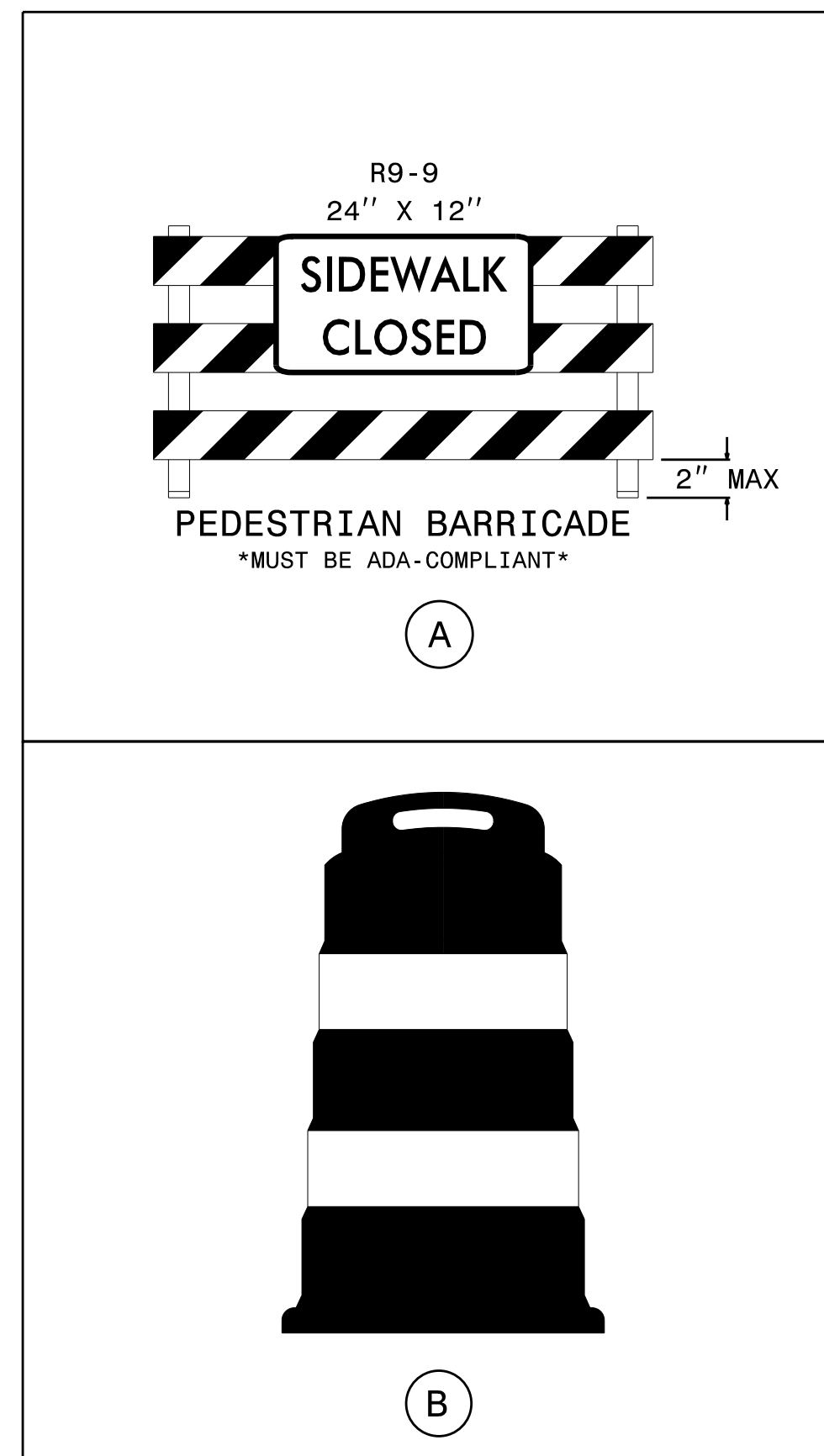
APPROVED: *Reece M. Schuler*  
 DATE: 7/21/2020

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TEMPORARY TRAFFIC CONTROL PHASE I, STEP 3  
 DETAIL FOR WATER LINE INSTALLATION



MAINTAIN DRIVEWAY  
ACCESS AT ALL TIMES.

SEE SHEET TMP-1A FOR  
TEMPORARY PAVEMENT  
MARKING SCHEDULE

APPROVED: *Reece M. Schuler*  
DATE: 7/21/2020

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SEAL

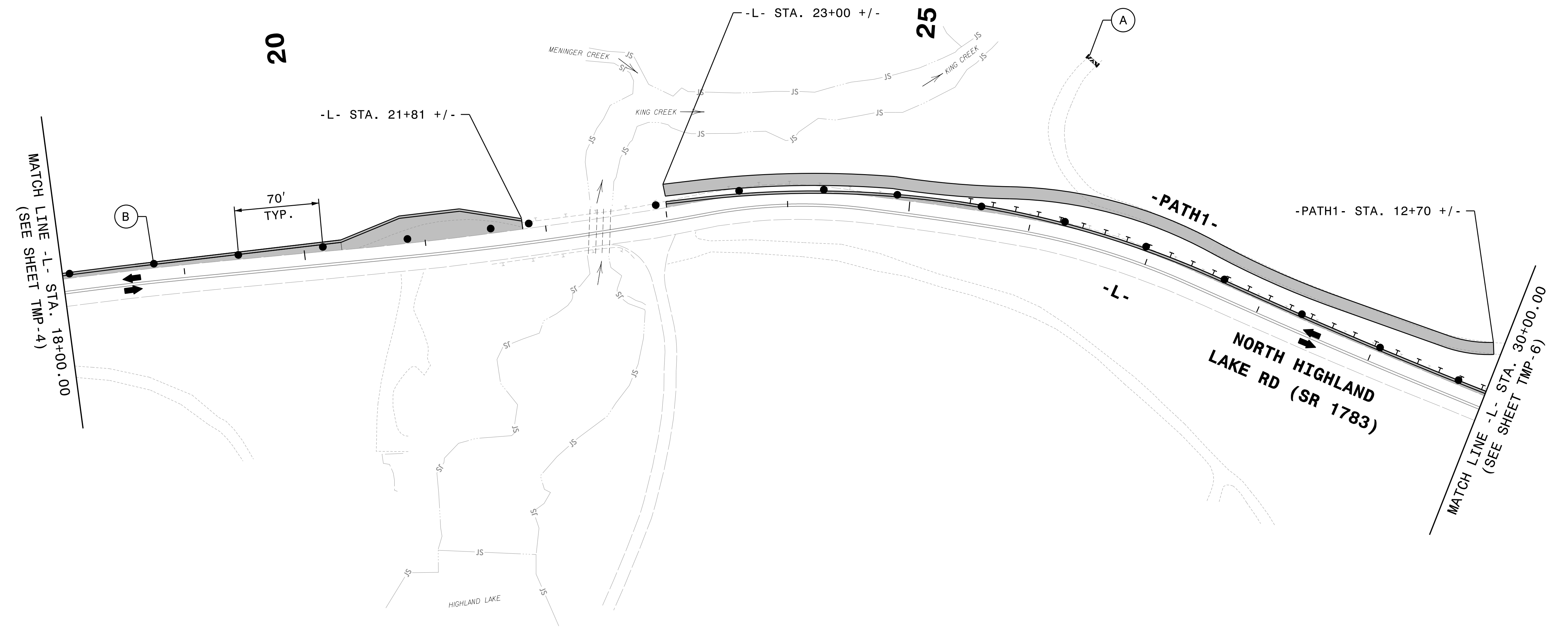
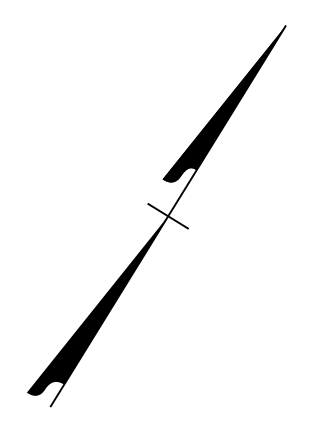
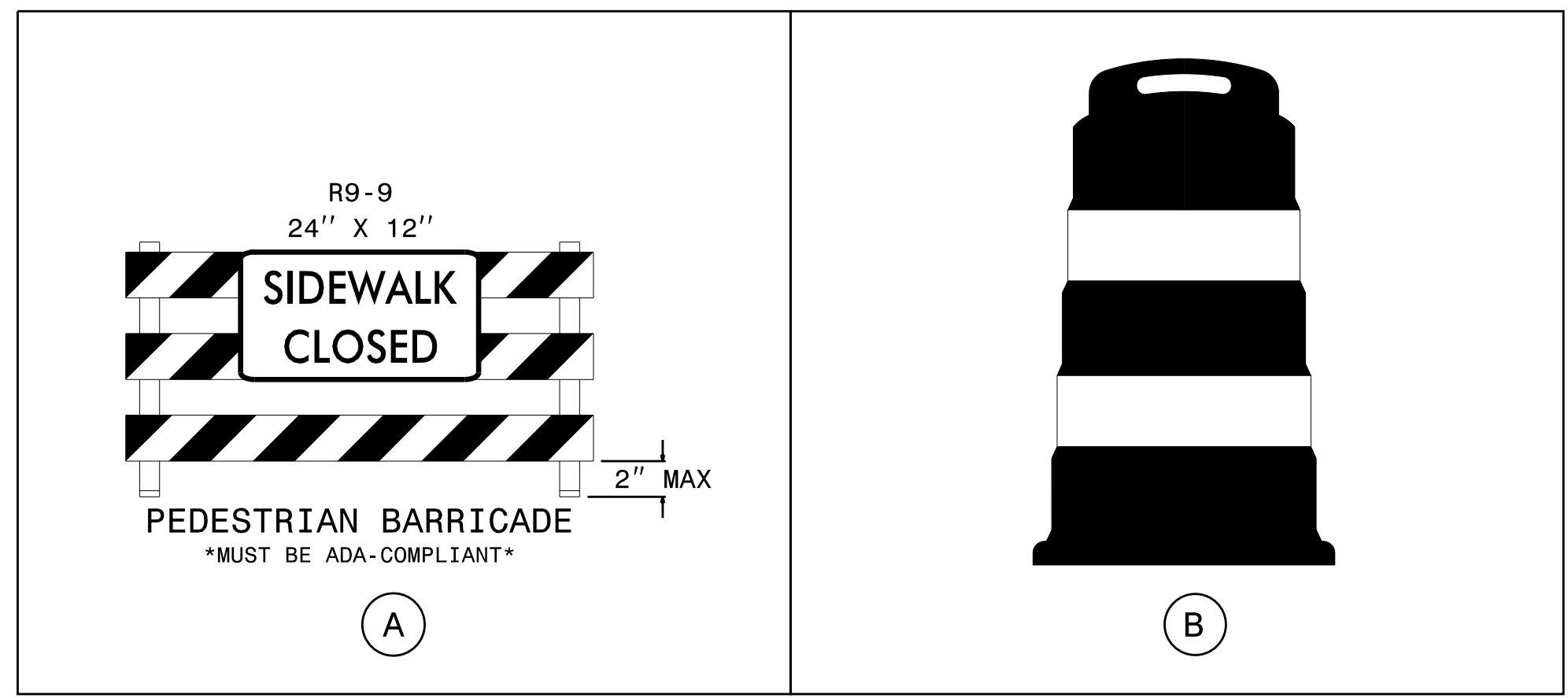
RECE M. SCHULER  
ENGINEER  
26960  
NORTH CAROLINA  
PROFESSIONAL

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

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

TEMPORARY TRAFFIC  
CONTROL PHASE I  
DETAIL

7/21/2020  
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User:tcjmarfell



MAINTAIN DRIVEWAY  
ACCESS AT ALL TIMES.

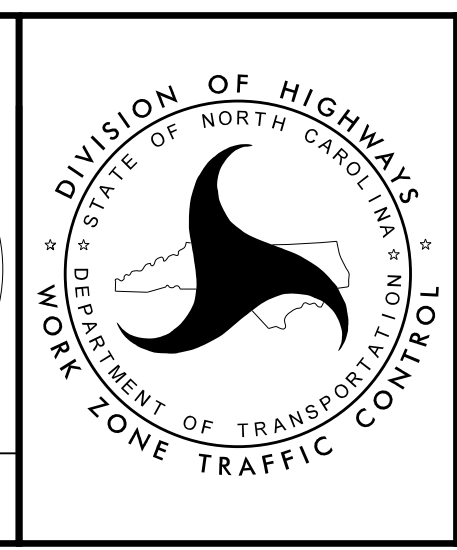
SEE SHEET TMP-1A FOR  
TEMPORARY PAVEMENT  
MARKING SCHEDULE

APPROVED: *Reece M. Schuler*  
18634024C7824FC...

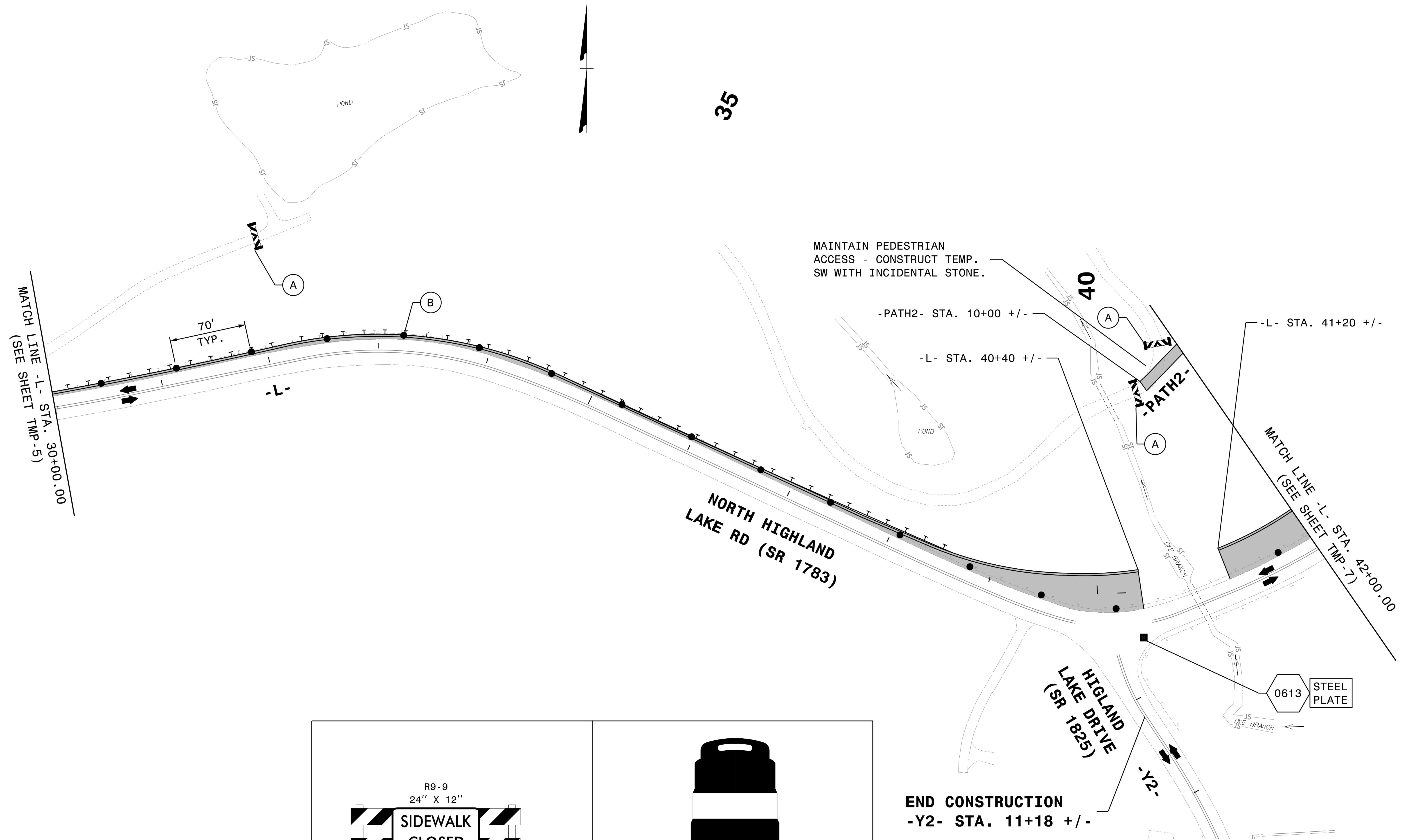
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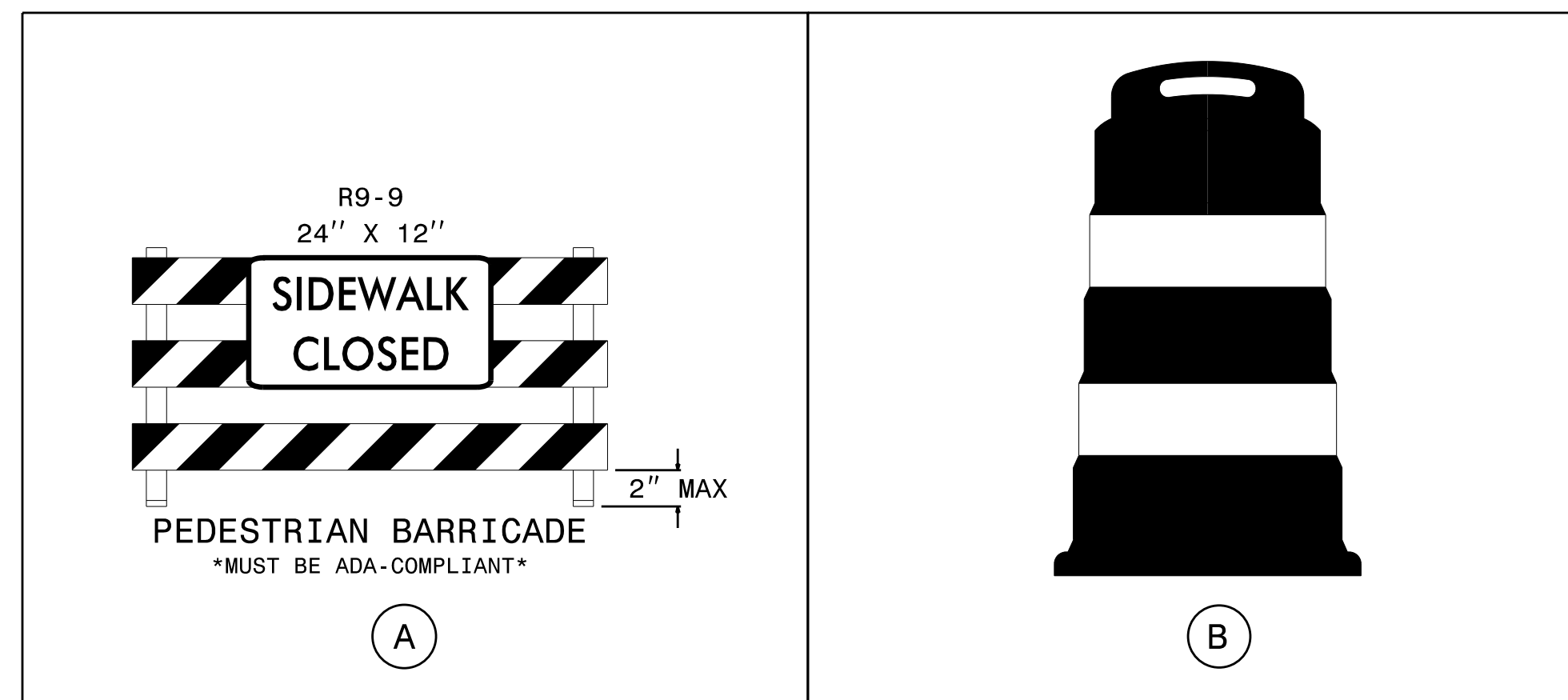


TEMPORARY TRAFFIC  
CONTROL PHASE I  
DETAIL



MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE



END CONSTRUCTION  
-Y2- STA. 11+18 +/-

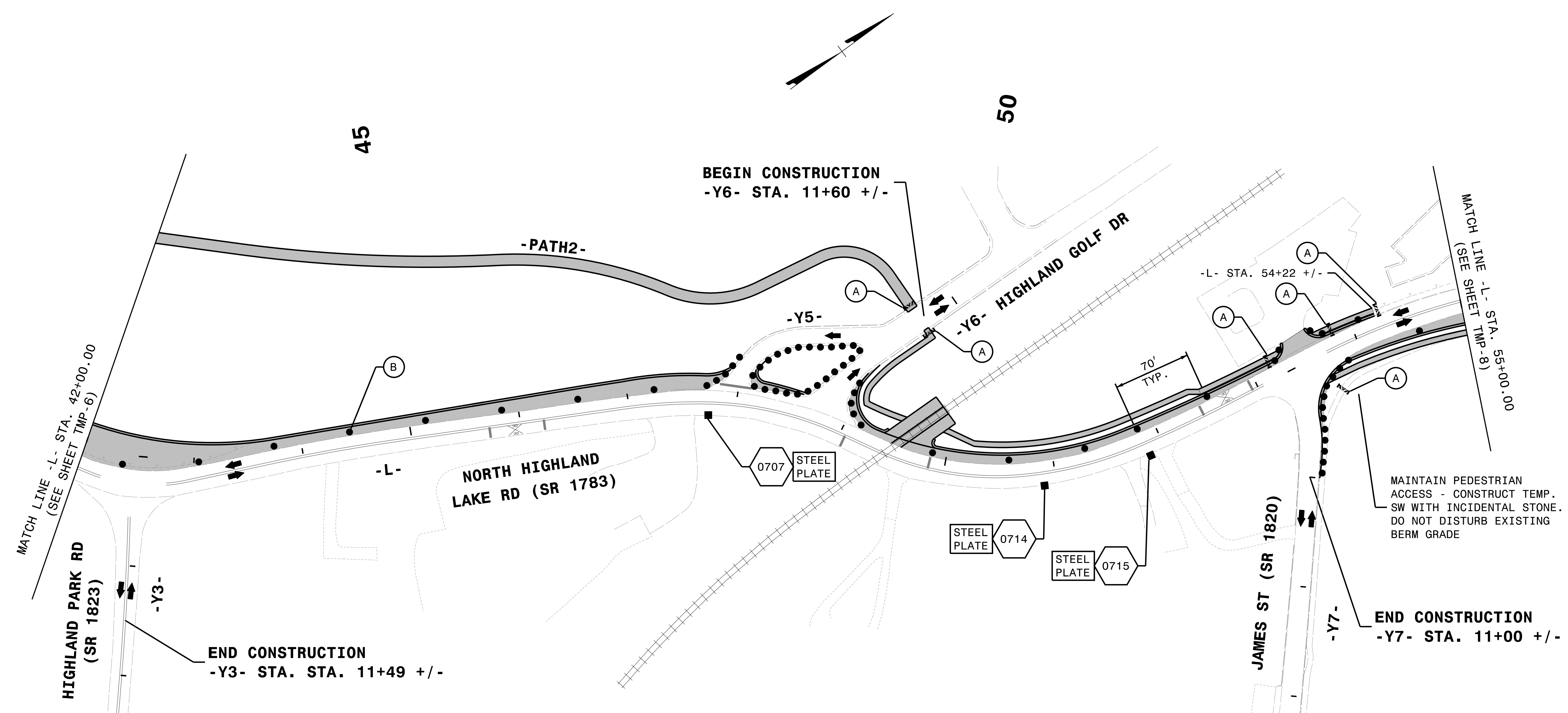
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DATE: 7/21/2020

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

TEMPORARY TRAFFIC CONTROL PHASE I DETAIL

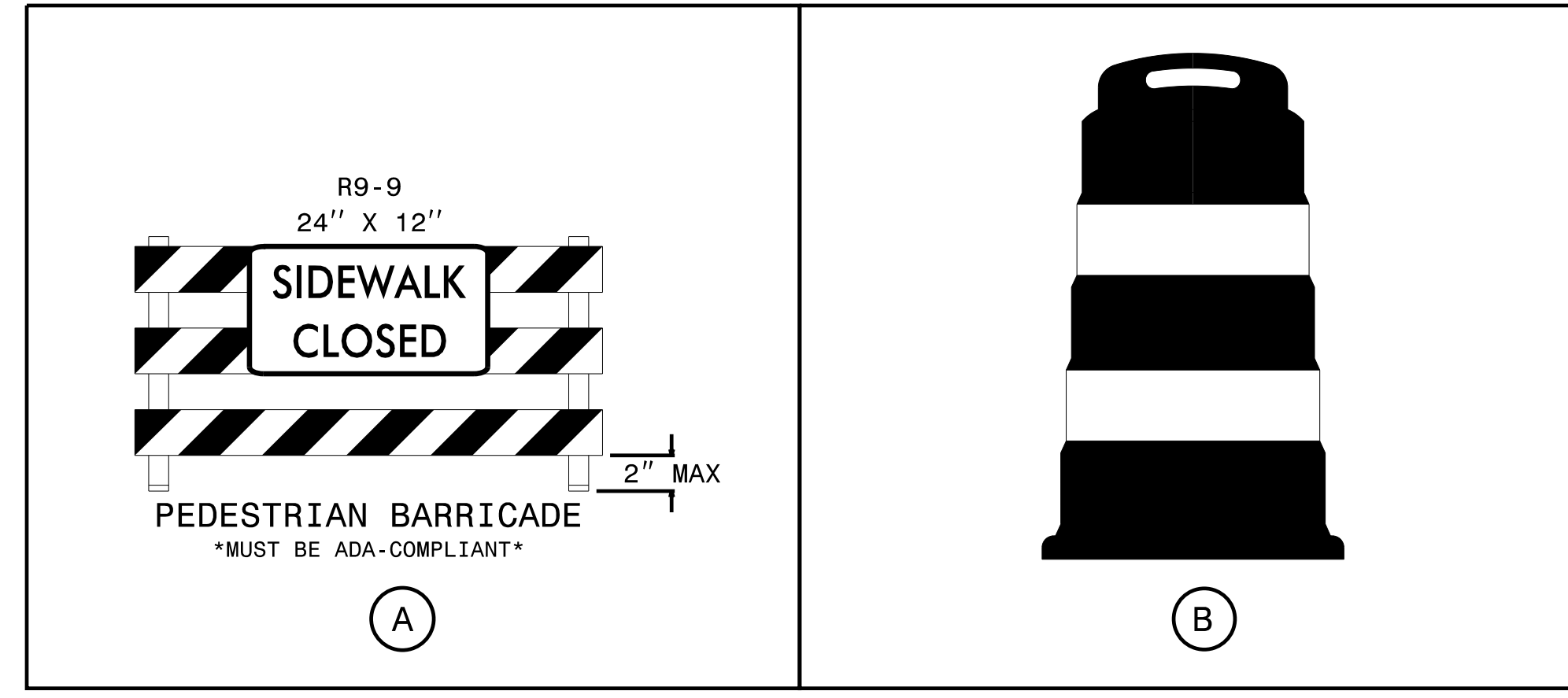


MAINTAIN PEDESTRIAN ACCESS - CONSTRUCT TEMP. SW WITH INCIDENTAL STONE. DO NOT DISTURB EXISTING BERM GRADE

END CONSTRUCTION -Y7- STA. 11+00 +/-

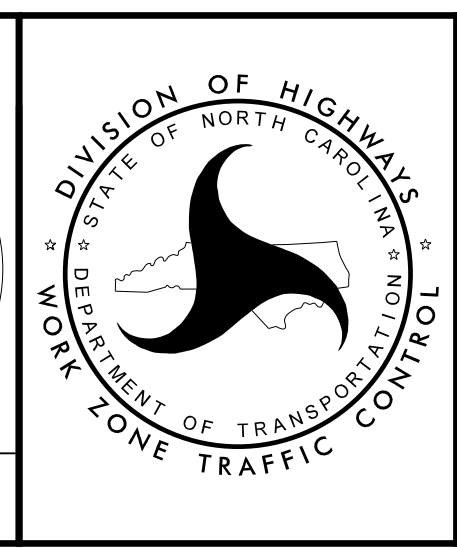
MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE



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 DATE: \_\_\_\_\_  
 SEAL

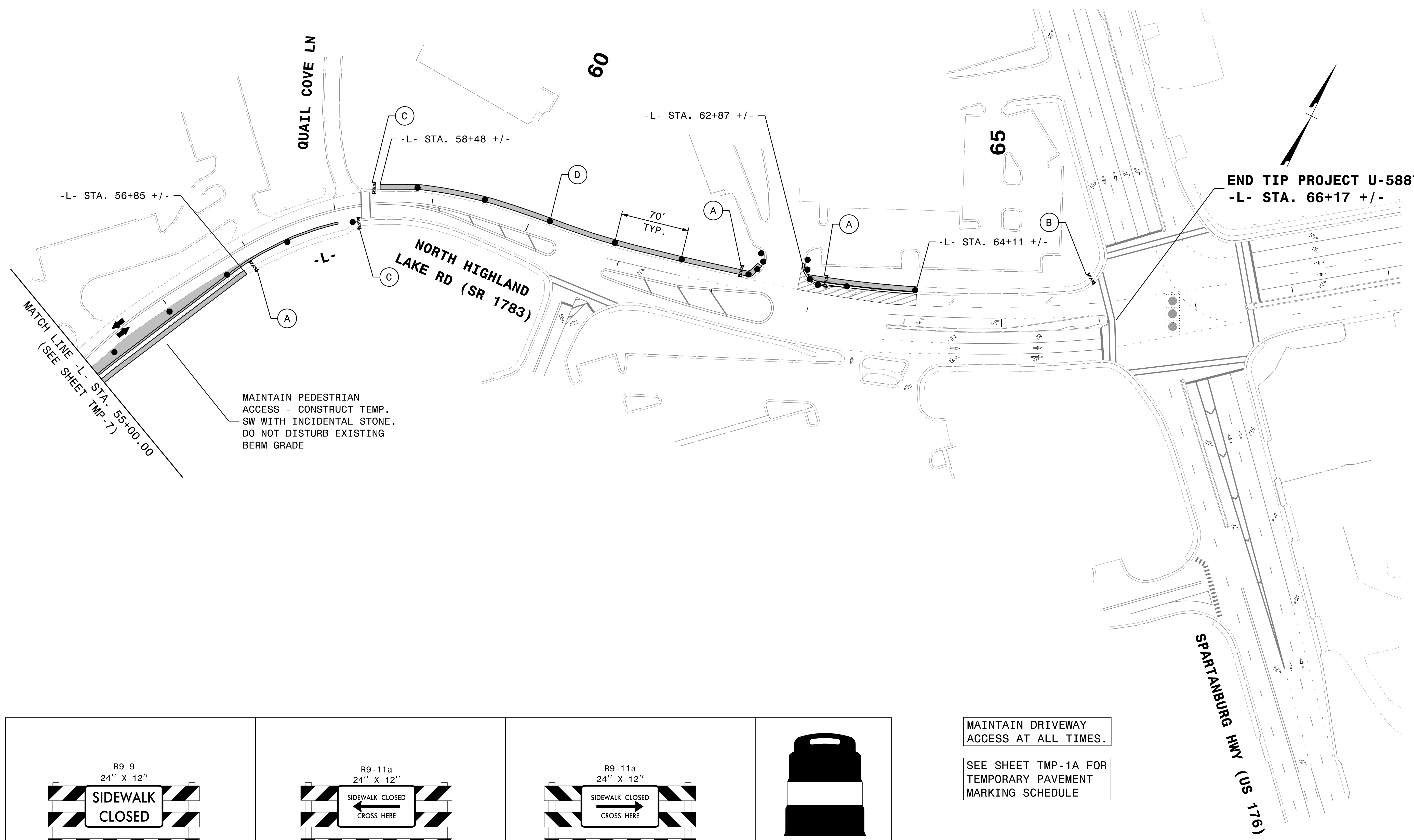
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**TEMPORARY TRAFFIC CONTROL PHASE I DETAIL**

12/17/2020 12:50:41 PM  
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 User: jcphtbot

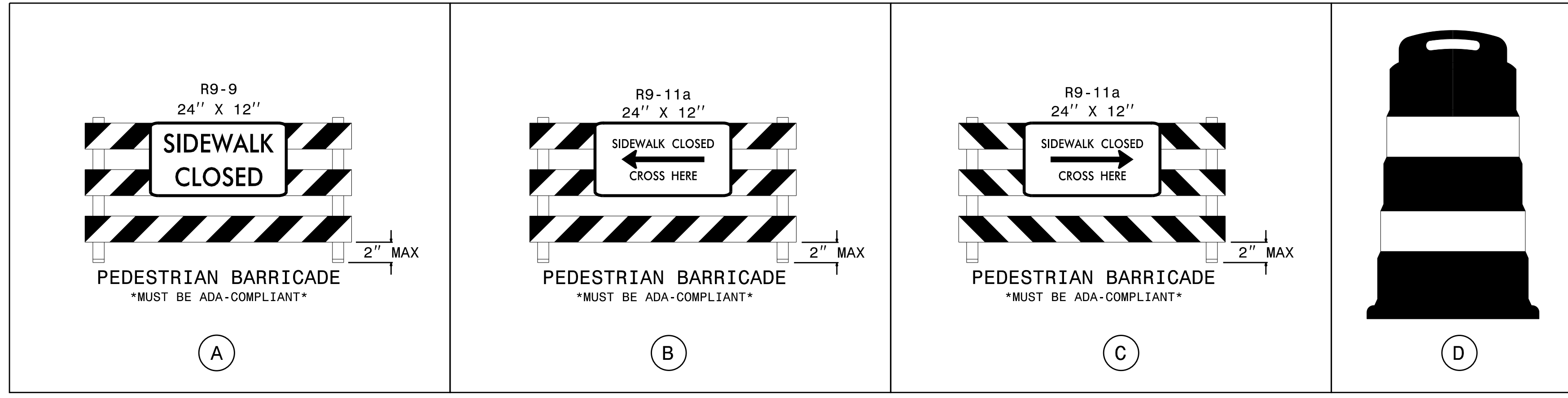




MAINTAIN PEDESTRIAN ACCESS - CONSTRUCT TEMP. SW WITH INCIDENTAL STONE. DO NOT DISTURB EXISTING BERM GRADE

MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE



APPROVED: *Reece M. Schuler*  
16634224C7824FC  
 DATE: 7/21/2020

SEAL

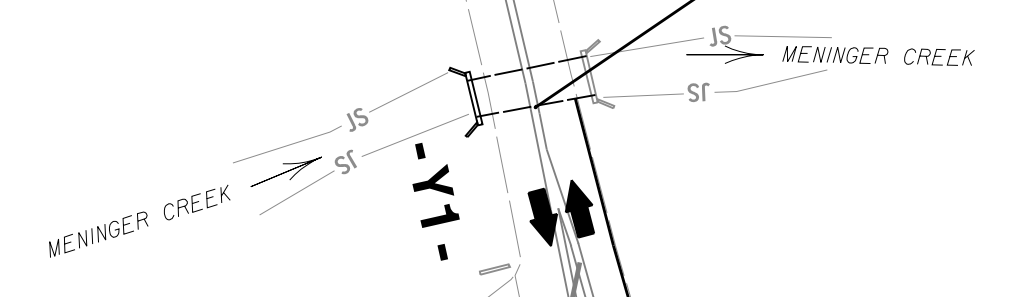
**TEMPORARY TRAFFIC CONTROL PHASE I DETAIL**

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 User:tcimartell

10

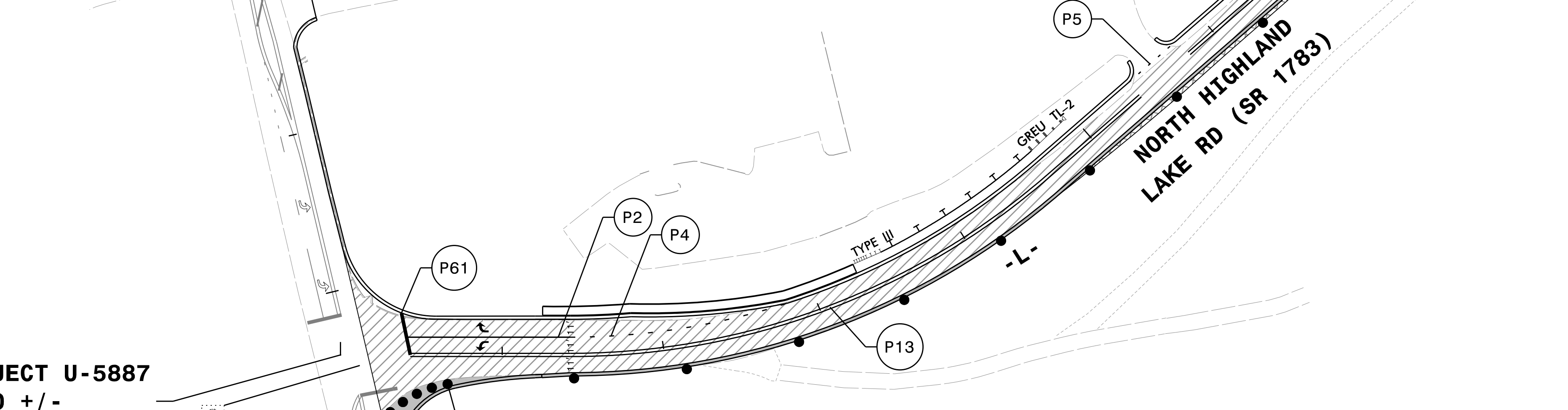
15

GREENVILLE HWY  
(NC 225)



BEGIN CONSTRUCTION  
-Y1- 12+30 +/-

MATCH LINE -L- STA. 18+00.00  
(SEE SHEET TMP-10)

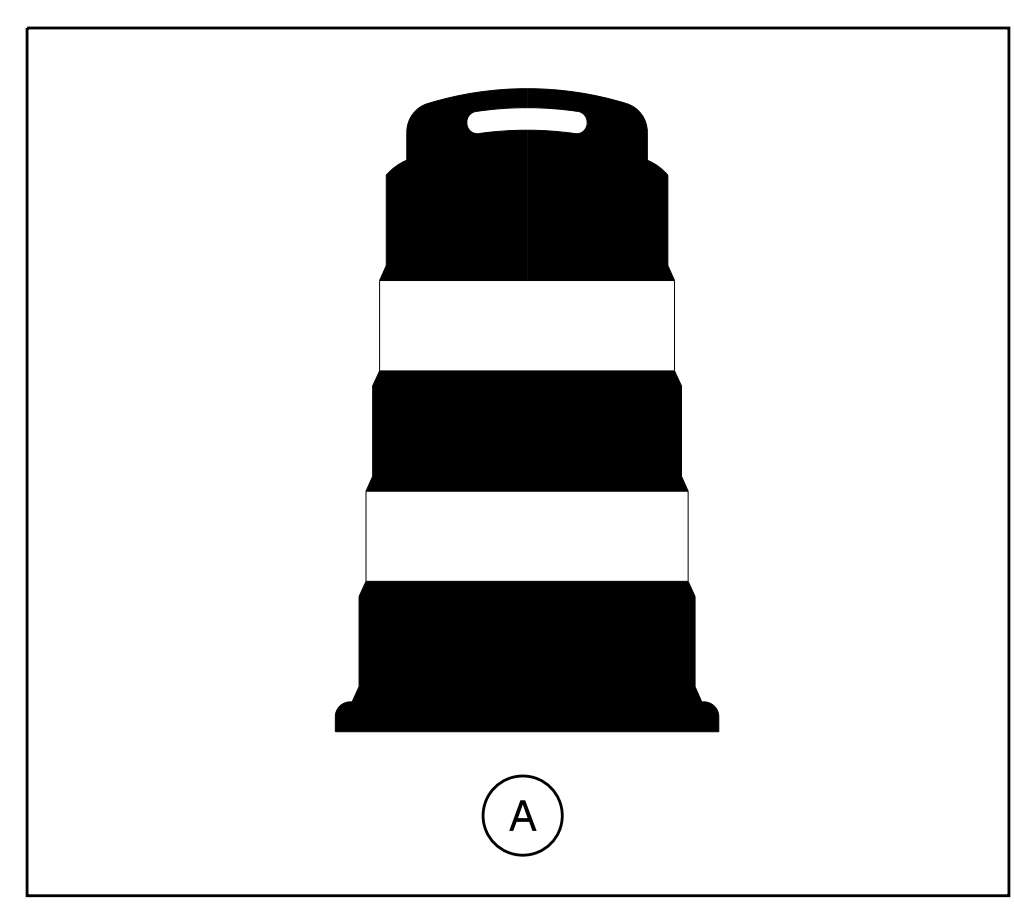


BEGIN TIP PROJECT U-5887  
-L- STA. 10+00 +/-  
-Y1- STA. 15+39 +/-

END CONSTRUCTION  
-Y1- 16+61 +/-

MAINTAIN DRIVEWAY  
ACCESS AT ALL TIMES.

SEE SHEET TMP-1A FOR  
TEMPORARY PAVEMENT  
MARKING SCHEDULE



APPROVED: *Reece M. Schuler*  
DATE: 7/21/2020

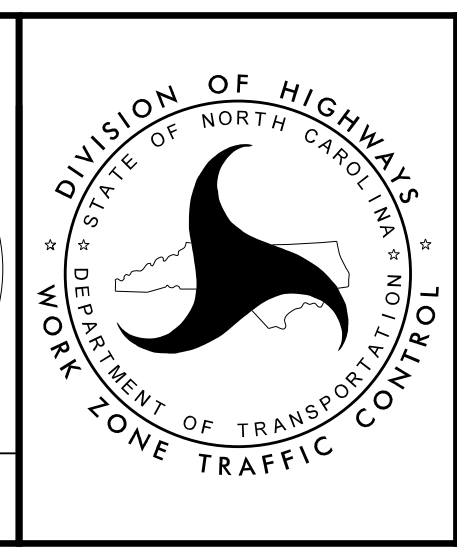
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16634024C7824FC

26960

RECE M. SCHULER  
ENGINEER

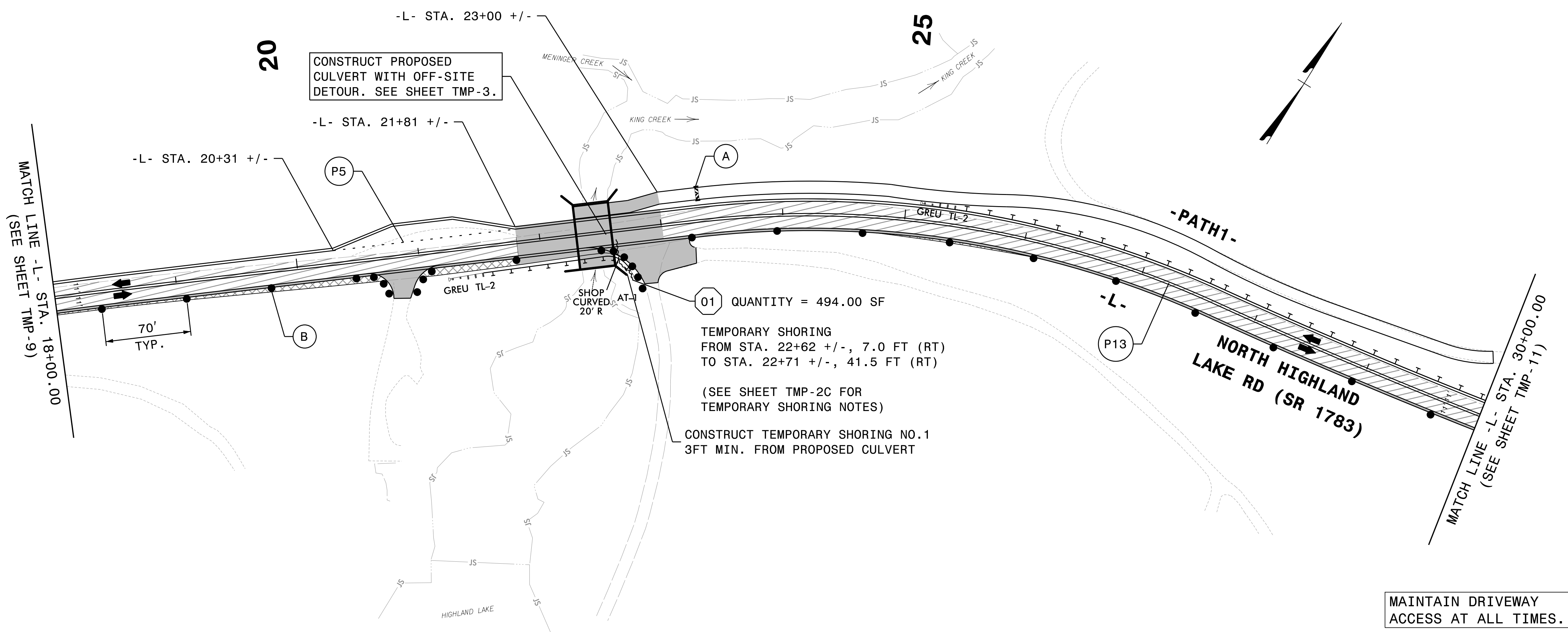
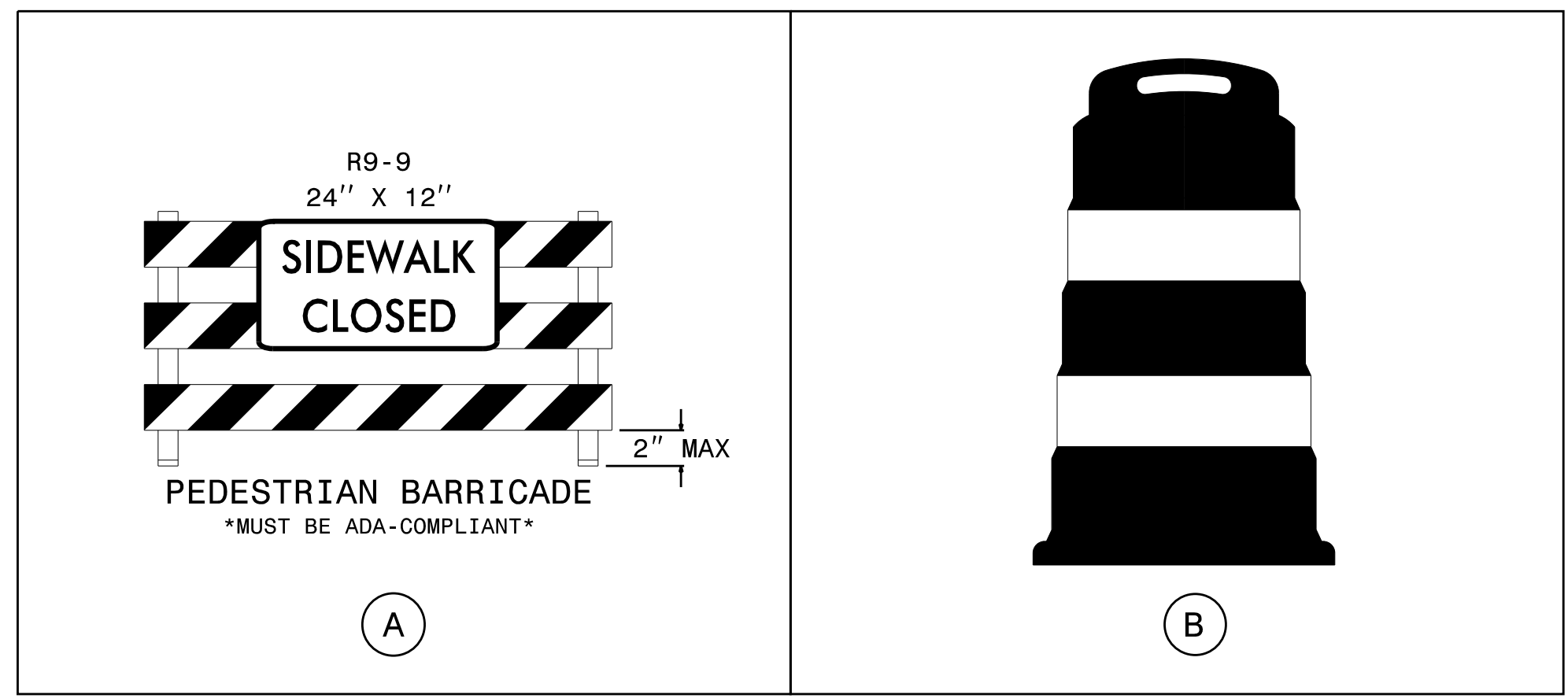
NORTH CAROLINA  
PROFESSIONAL  
SEAL



TEMPORARY TRAFFIC  
CONTROL PHASE II  
DETAIL

DOCUMENT NOT CONSIDERED FINAL  
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7/21/2020  
V:\Asheville\Transportation\31535-06 U-5887\TrafficControl\TCP\U5887\_TMP\_SHEET9.dgn  
User:tcjmar-tell



MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE

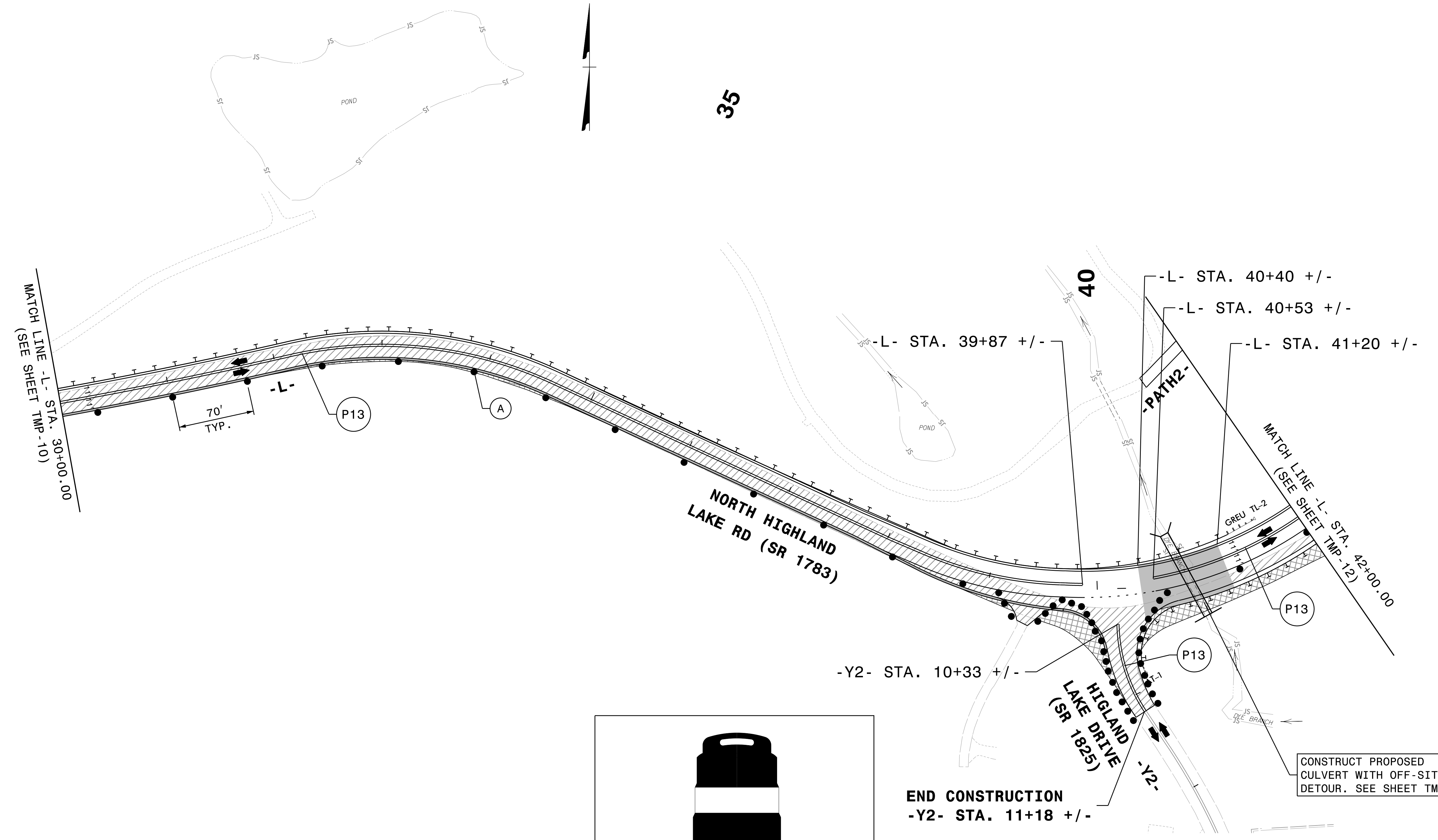
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 User:tcjmarfell

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 DATE: 7/21/2020

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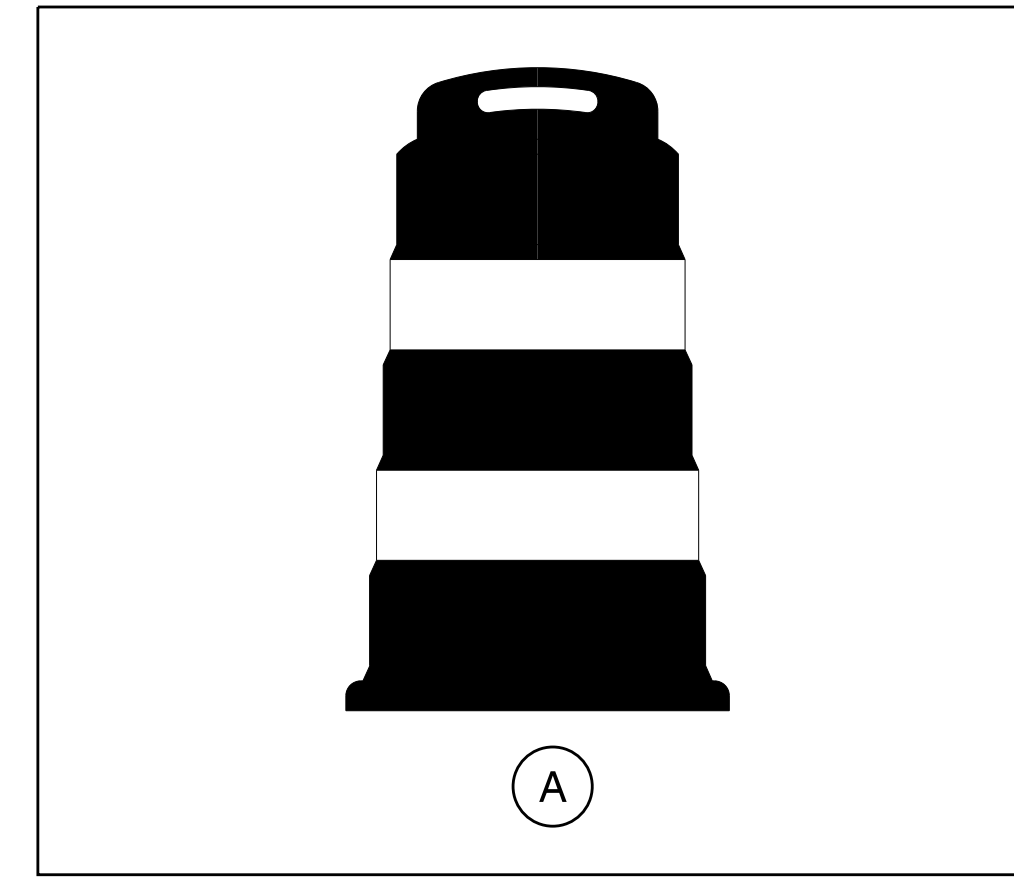
TEMPORARY TRAFFIC CONTROL PHASE II DETAIL



MATCH LINE -L- STA. 30+00.00  
(SEE SHEET TMP-10)

MAINTAIN DRIVEWAY  
ACCESS AT ALL TIMES.

SEE SHEET TMP-1A FOR  
TEMPORARY PAVEMENT  
MARKING SCHEDULE



END CONSTRUCTION  
-Y2- STA. 11+18 +/-

CONSTRUCT PROPOSED  
CULVERT WITH OFF-SITE  
DETOUR. SEE SHEET TMP-3A.

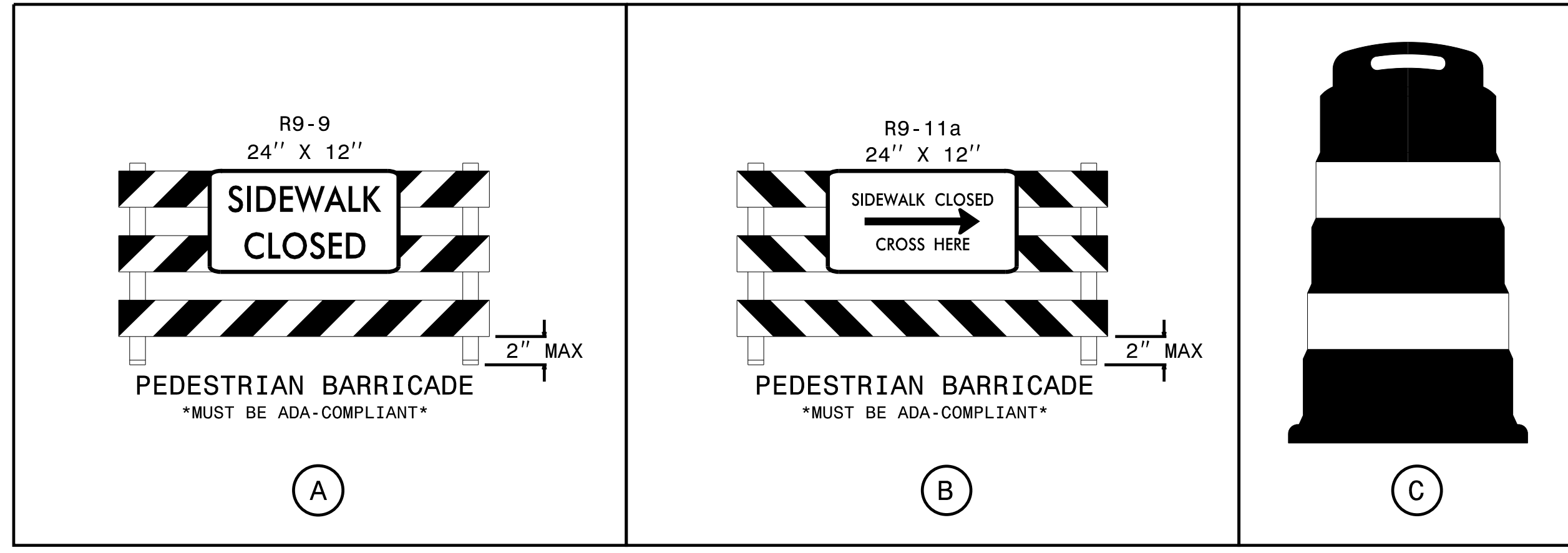
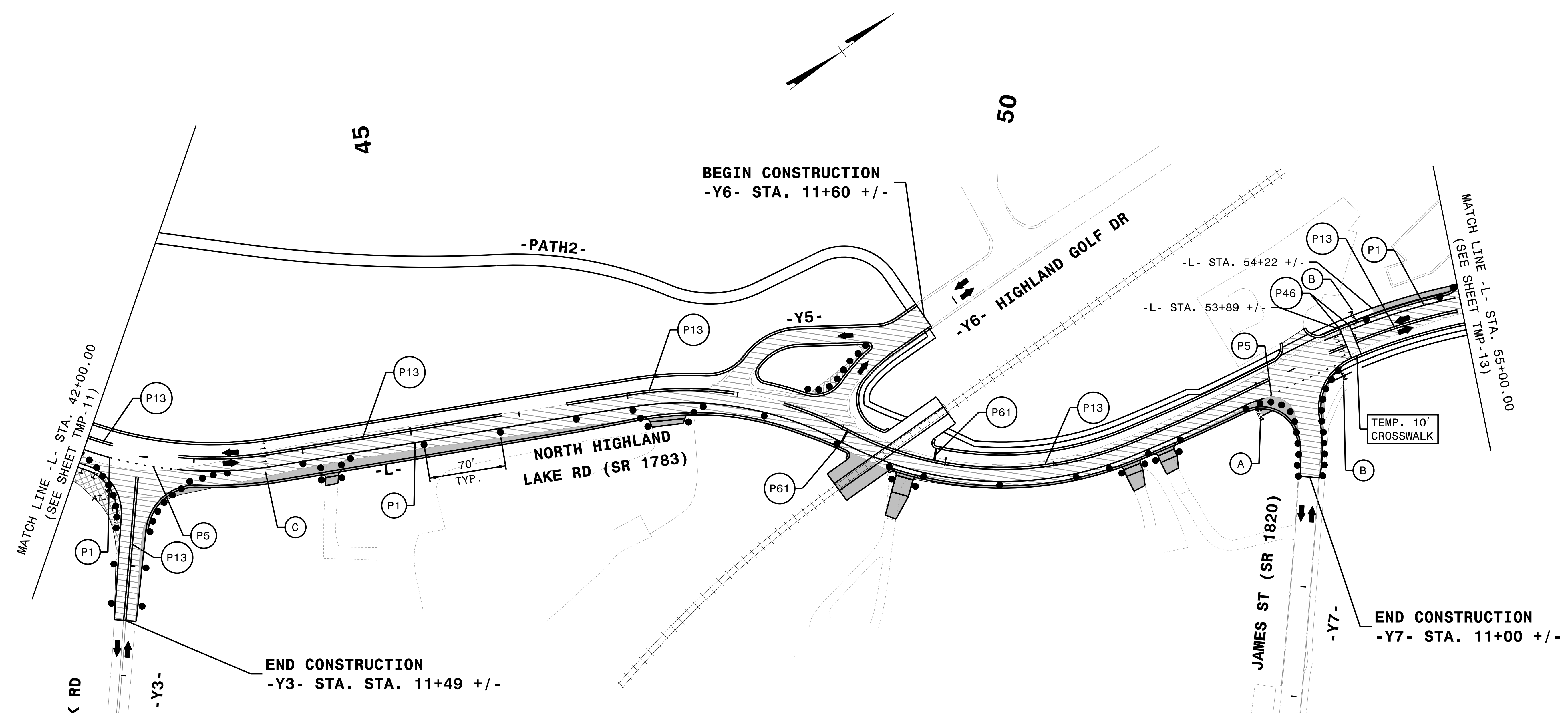
APPROVED: *Rebecca M. Schuler*  
DATE: 7/21/2020

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TEMPORARY TRAFFIC  
CONTROL PHASE II  
DETAIL

7/21/2020  
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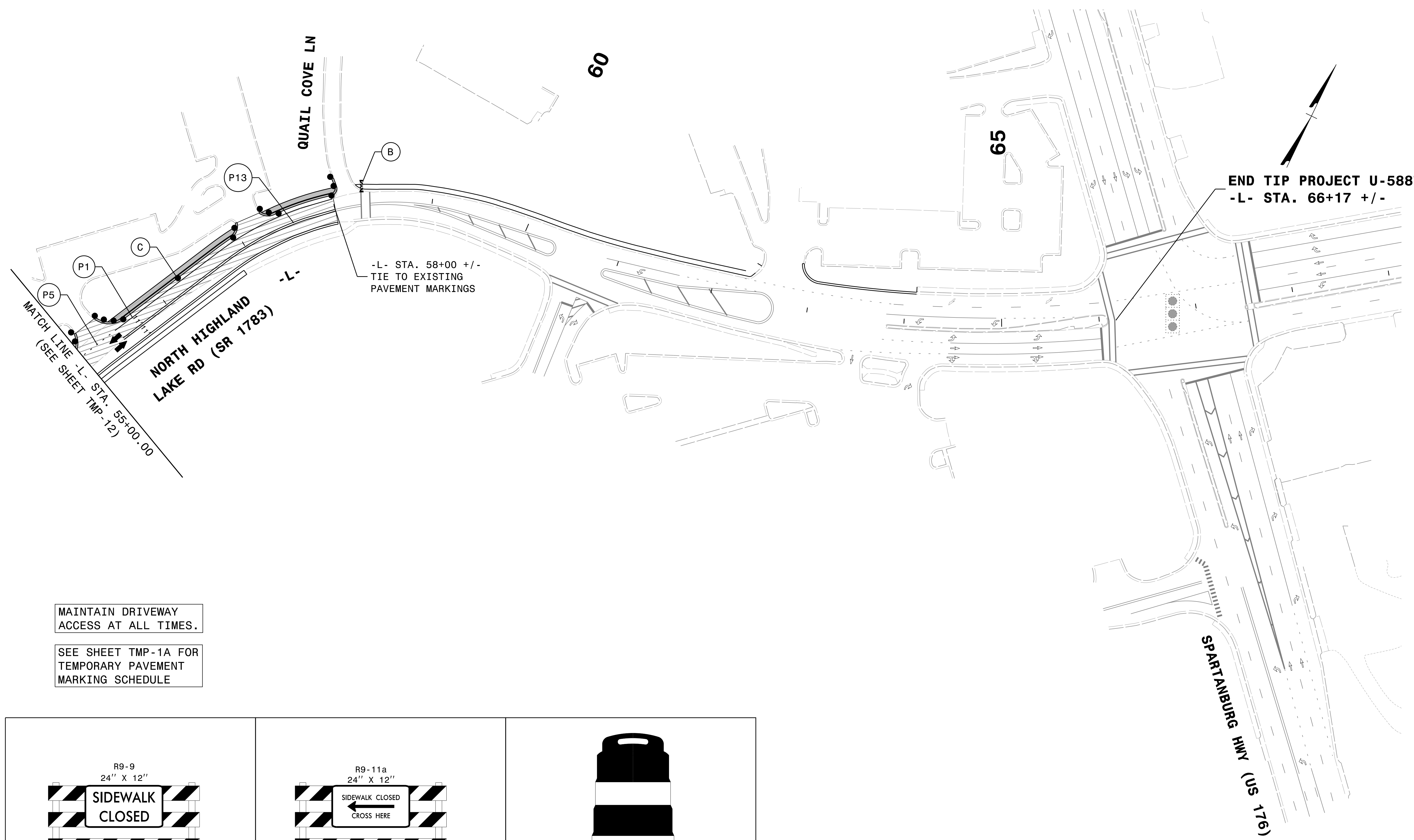


MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE

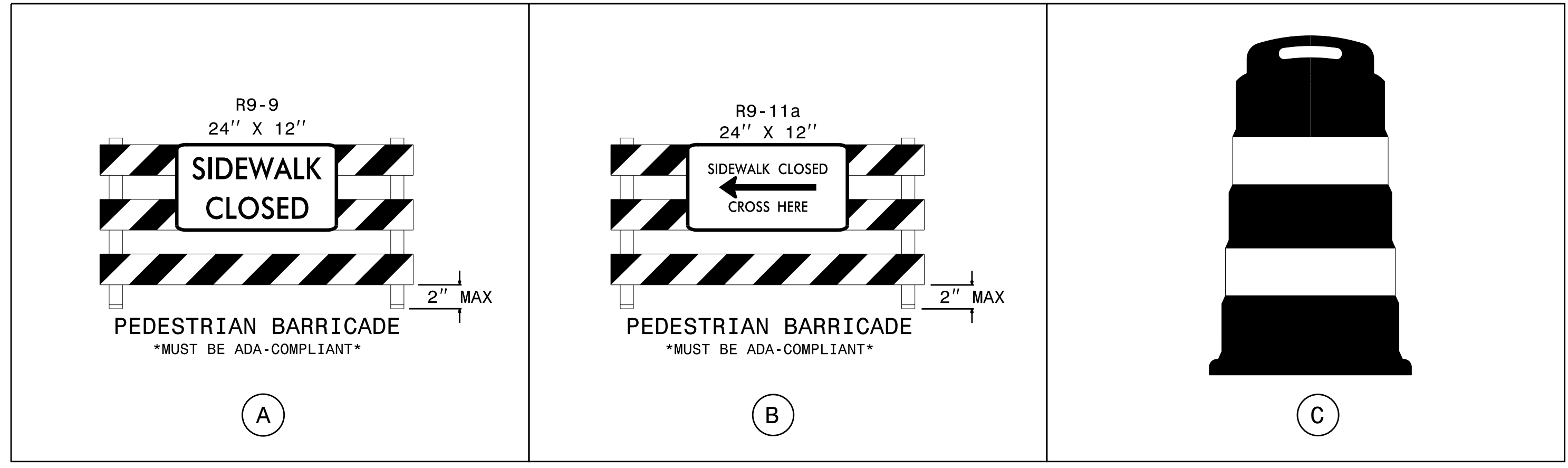
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DATE: _____			
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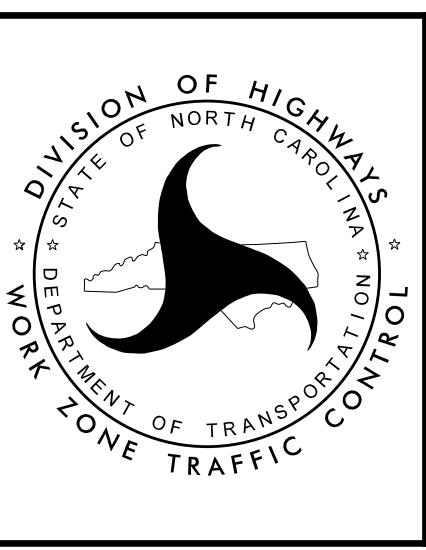
MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE



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16634024C7824FC...  
DATE: 7/21/2020

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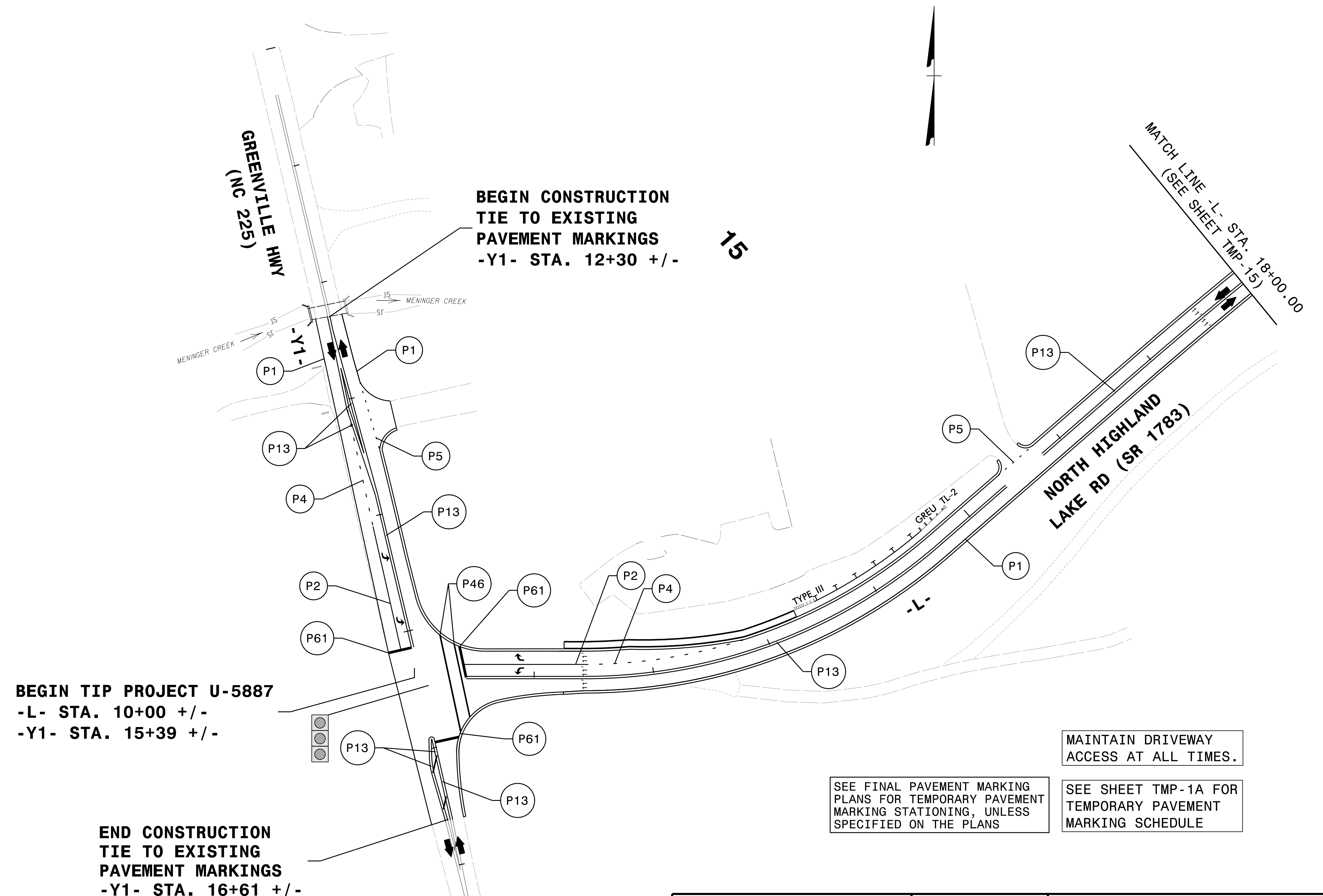


TEMPORARY TRAFFIC CONTROL PHASE II DETAIL

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10

15



MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

SEE FINAL PAVEMENT MARKING PLANS FOR TEMPORARY PAVEMENT MARKING STATIONING, UNLESS SPECIFIED ON THE PLANS

SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE

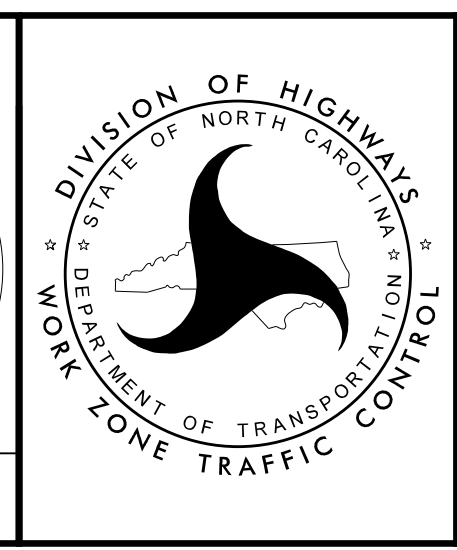
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User:tcjmarfell

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DATE: 7/21/2020

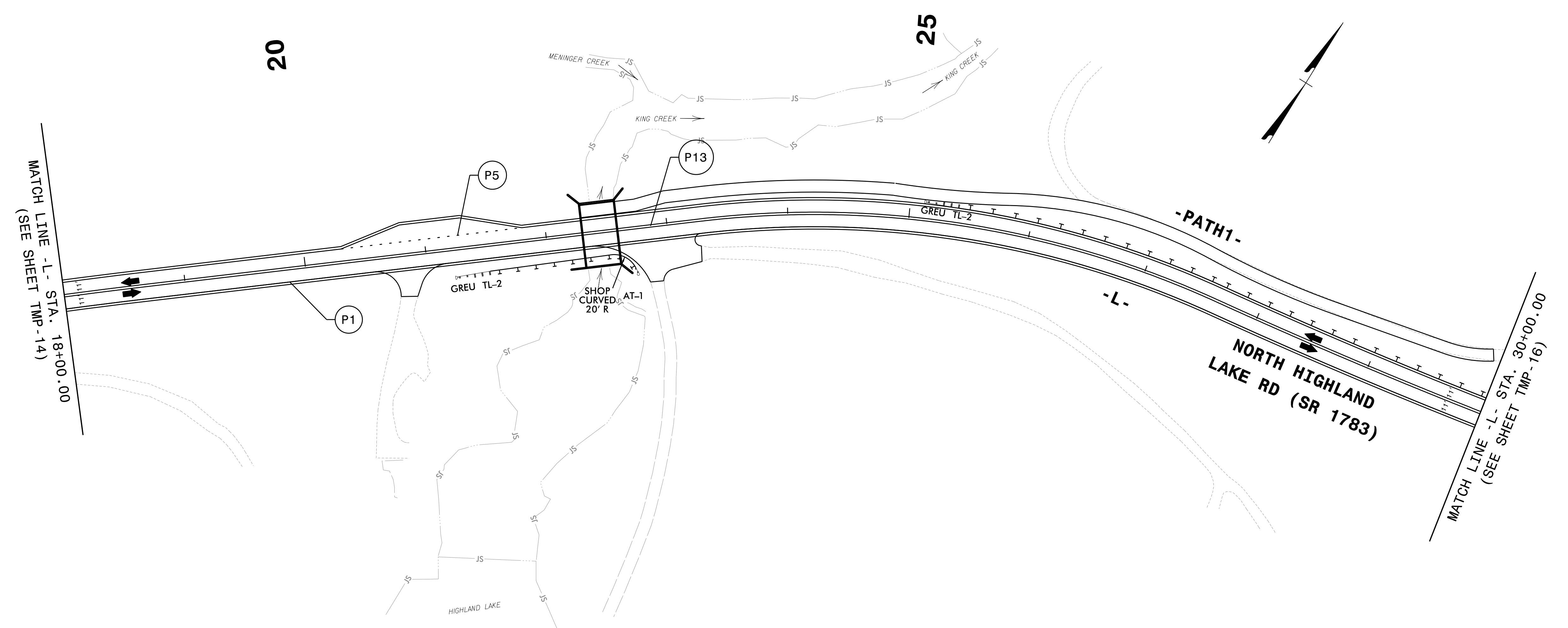
SEAL

19834024C7824FC...  
NORTH CAROLINA  
PROFESSIONAL  
ENGINEER  
RECE M. SCHULER

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TEMPORARY TRAFFIC CONTROL PHASE III DETAIL



MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

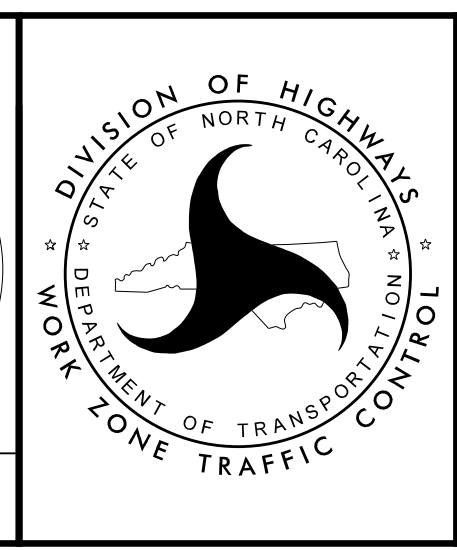
SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE

SEE FINAL PAVEMENT MARKING PLANS FOR TEMPORARY PAVEMENT MARKING STATIONING, UNLESS SPECIFIED ON THE PLANS

APPROVED: *Rea M. Schuler*  
16634024C7304FC...  
 DATE: 7/21/2020

SEAL

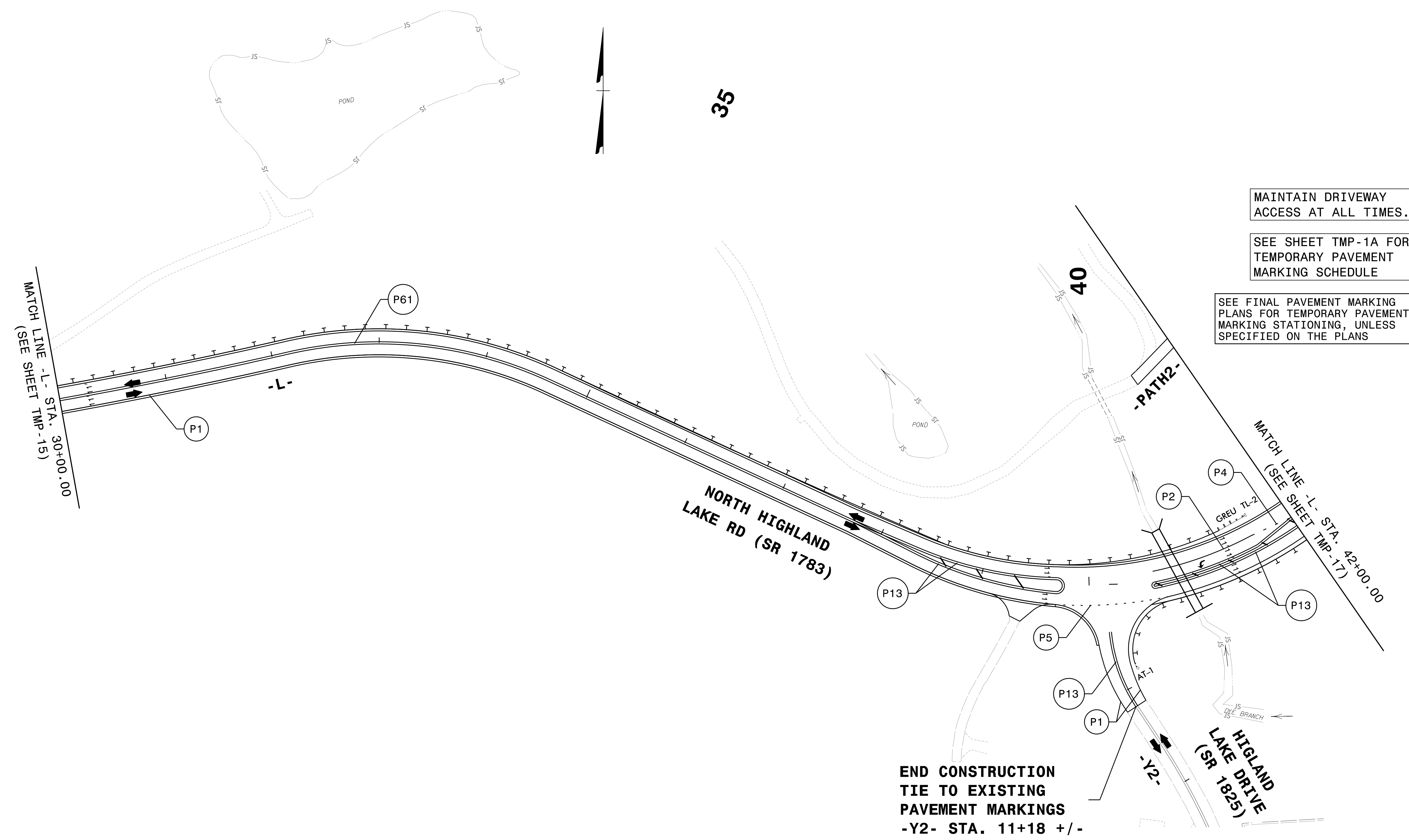
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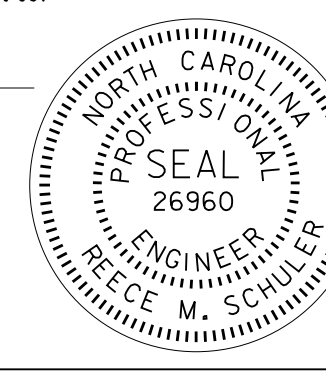
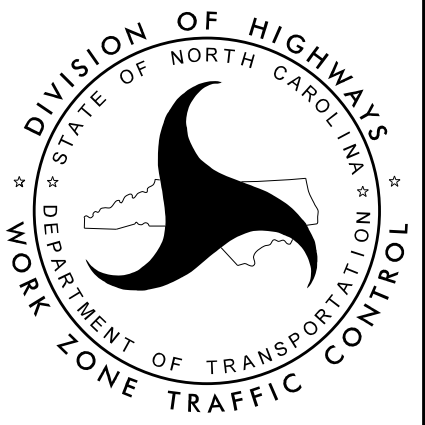
TEMPORARY TRAFFIC CONTROL PHASE III DETAIL

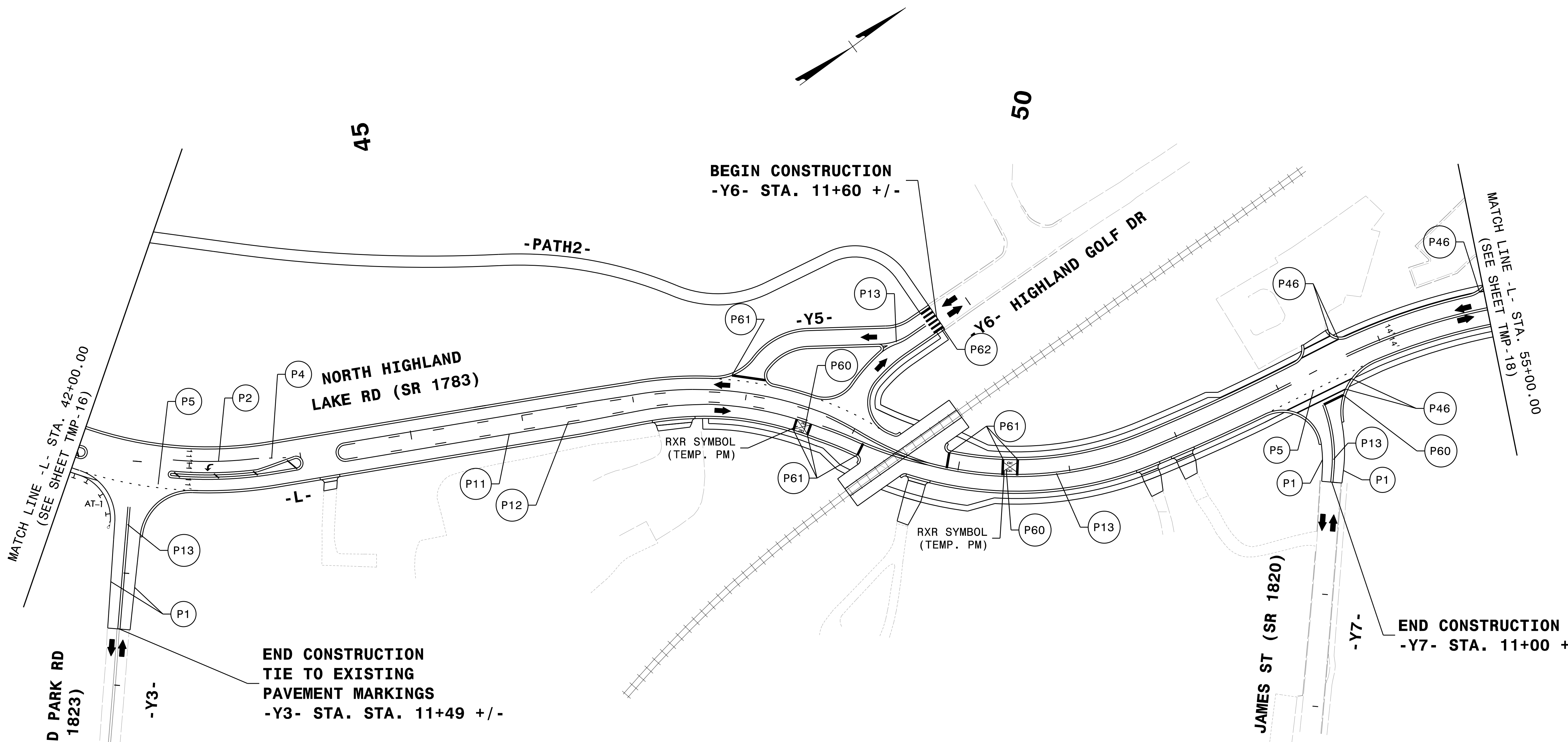
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7/21/2020  
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 User:tcimar\ell

<p>APPROVED: <i>Ree M. Schuler</i>  <small>19934024C7824FC...</small>        DATE: 7/21/2020</p> <p>SEAL</p>  <p><b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b></p>		<p><b>TEMPORARY TRAFFIC CONTROL PHASE III DETAIL</b></p>
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MAINTAIN DRIVEWAY ACCESS AT ALL TIMES.

SEE FINAL PAVEMENT MARKING PLANS FOR TEMPORARY PAVEMENT MARKING STATIONING, UNLESS SPECIFIED ON THE PLANS

SEE SHEET TMP-1A FOR TEMPORARY PAVEMENT MARKING SCHEDULE

7/21/2020  
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User:tcimartell

APPROVED: *Reece M. Schuler*  
16634024C7824FC...

DATE: 7/21/2020

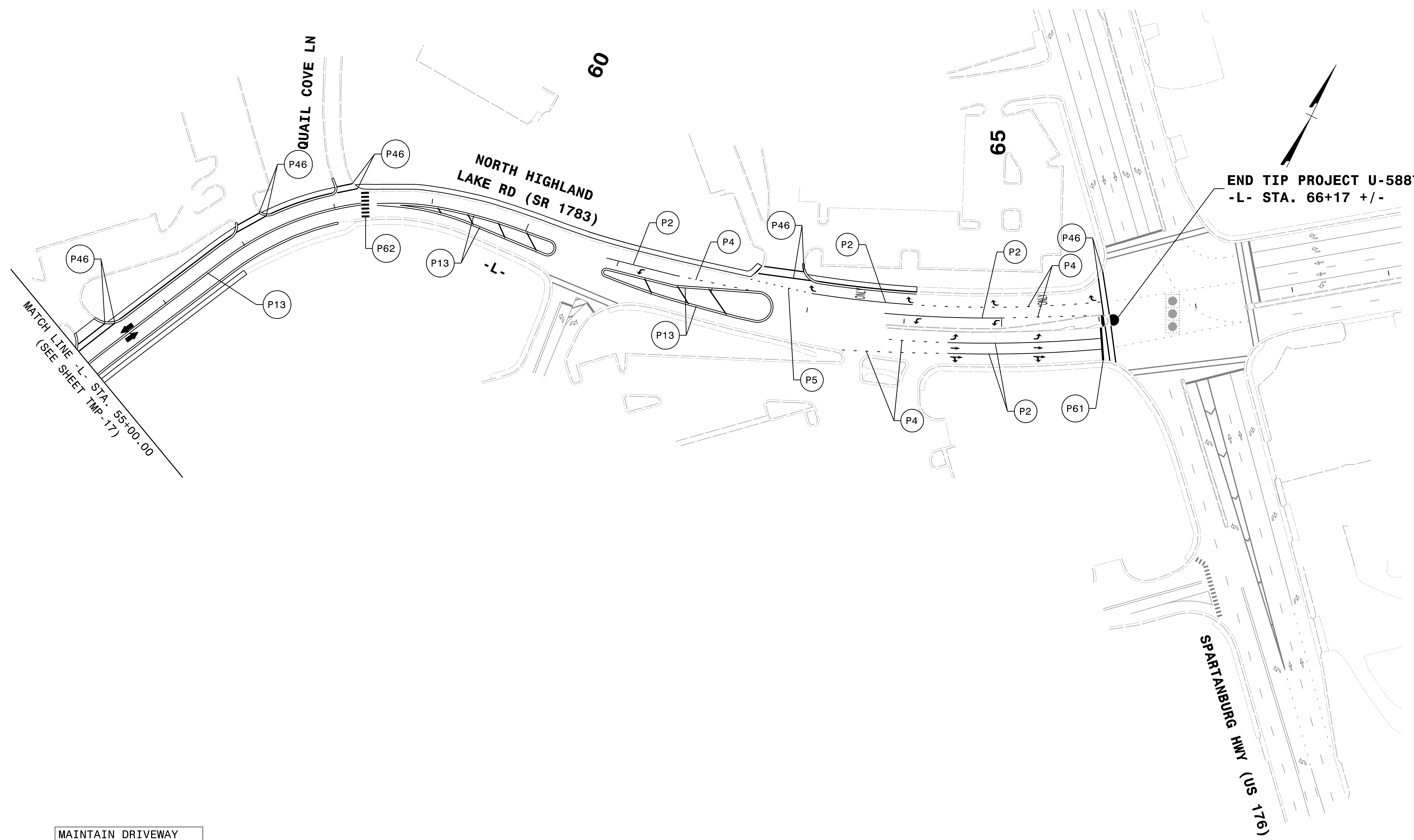
SEAL

**SEAL**

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**TEMPORARY TRAFFIC CONTROL PHASE III DETAIL**



END TIP PROJECT U-5887  
-L- STA. 66+17 +/-

MATCH LINE -L- STA. 55+00.00  
(SEE SHEET TMP-17)

MAINTAIN DRIVEWAY  
ACCESS AT ALL TIMES.

SEE SHEET TMP-1A FOR  
TEMPORARY PAVEMENT  
MARKING SCHEDULE

SEE FINAL PAVEMENT MARKING  
PLANS FOR TEMPORARY PAVEMENT  
MARKING STATIONING, UNLESS  
SPECIFIED ON THE PLANS

APPROVED: *Reva M. Schuler*  
16634024C7B24FC

DATE: 7/21/2020

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TEMPORARY TRAFFIC  
CONTROL PHASE III  
DETAIL