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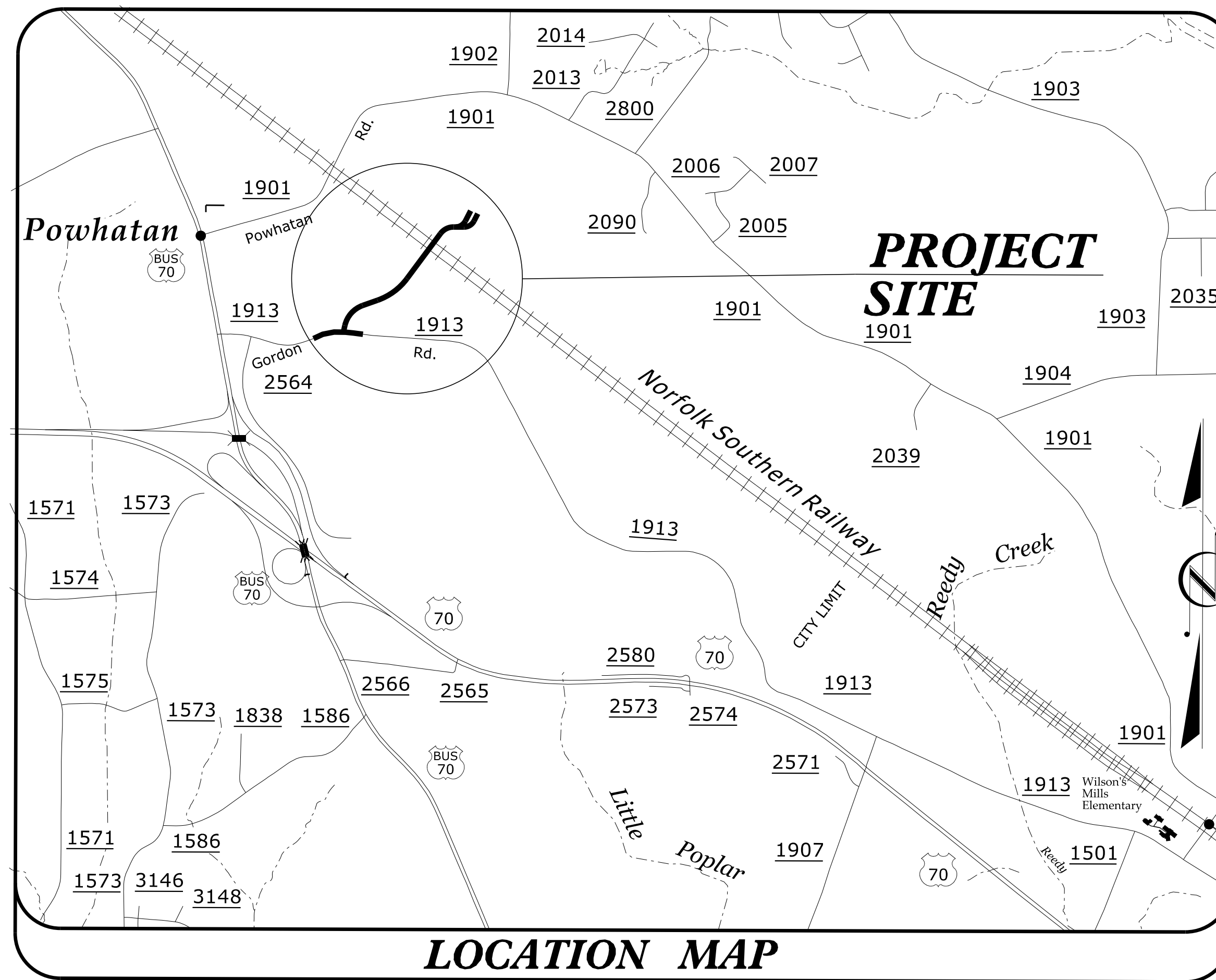
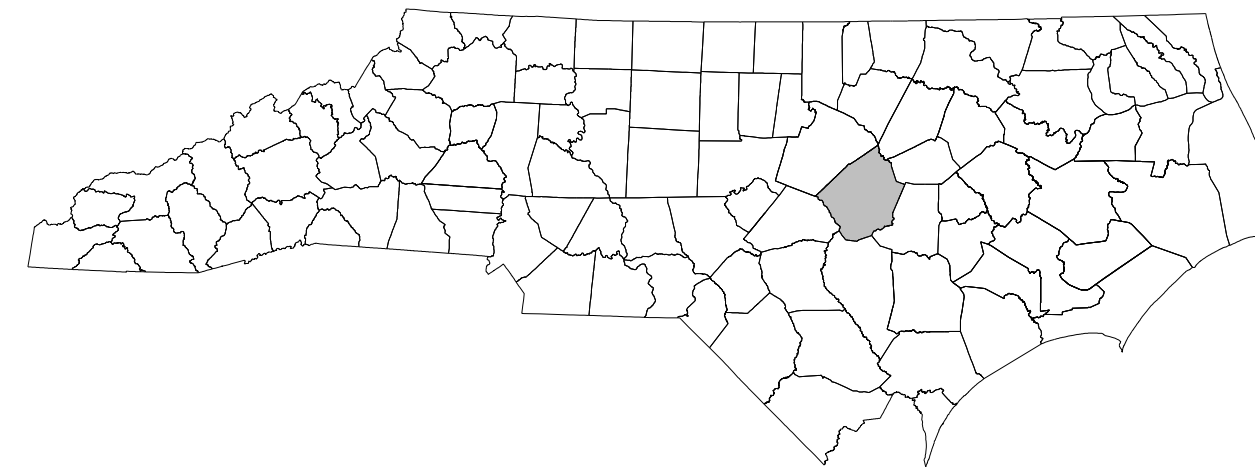
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

JOHNSTON COUNTY



LOCATION: NOVO NORDISK ACCESS ROAD FROM SR 1913 (GORDON ROAD) TO PROPOSED NOVO NORDISK SITE

TYPE OF WORK: GRADING, DRAINAGE, PAVING AND STRUCTURE

INDEX OF SHEETS

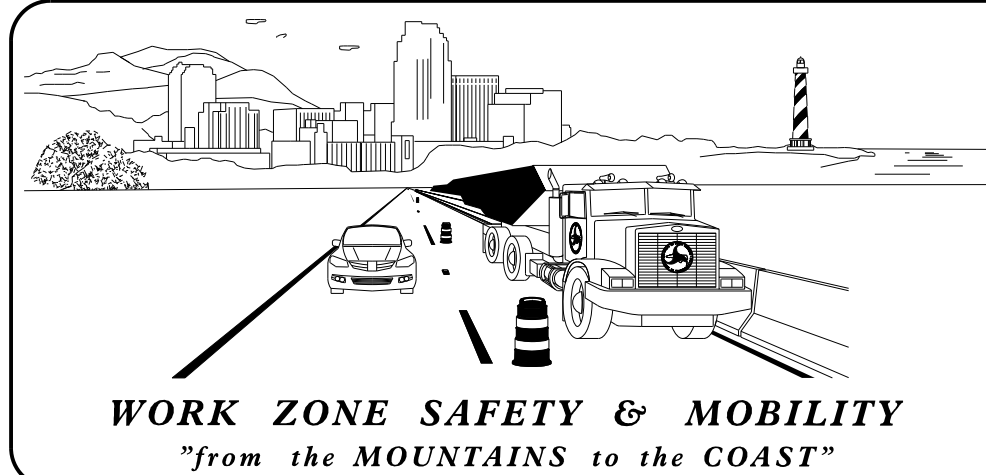
SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-1B THRU TMP-1C	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES AND LOCAL NOTES)
TMP-2	SPECIAL SIGN DESIGN(S)
TMP-2A	DETOUR GORDON RD. (-Y1REV-)
TMP-3	PHASING
TMP-4 THRU TMP-5	PHASE I DETAILS
TMP-6	PHASE I, STEP 3 DETAIL

SHEET NO.
TMP-1

R-5769

TIP PROJECT:

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 773-2800 FAX: (919) 771-2745

J. S. BOURNE, P.E. STATE TRAFFIC MANAGEMENT ENGINEER
J. S. KITE, P.E. TRAFFIC CONTROL PROJECT ENGINEER
DON A. PARKER, P.E. TRAFFIC CONTROL PROJECT DESIGN ENGINEER
TRAFFIC CONTROL DESIGN ENGINEER



PLAN PREPARED FOR NCDOT BY:

GREG S. PURVIS, P.E. PROJECT ENGINEER
JESSE W. GILSTRAP TRAFFIC CONTROL ENGINEER
SCOTT L. KENNEDY TRAFFIC CONTROL ENGINEER

APPROVED: _____
DATE: _____
SEAL

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ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS SHOWN IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2012 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.01	WORK ZONE ADVANCE WARNING SIGNS
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES
1101.05	WORK ZONE VEHICLE ACCESSES
1101.11	TRAFFIC CONTROL DESIGN TABLES
1110.01	STATIONARY WORK ZONE SIGNS
1110.02	PORTABLE WORK ZONE SIGNS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS
1250.01	RAISED PAVEMENT MARKERS - INSTALLATION SPACING
1251.01	RAISED PAVEMENT MARKERS - PERMANENT AND TEMPORARY

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
- ON GOING CONSTRUCTION
- TEMPORARY PAVEMENT
- PAVEMENT WEDGING

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

TRAFFIC CONTROL DEVICES

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

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

TEMPORARY PAVEMENT MARKING

- PAINT (4")
- PA WHITE EDGE LINE
- PI YELLOW DOUBLE CENTER

- TEMPORARY RAISED MARKERS
- MH YELLOW & YELLOW

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**WETHERILL
ENGINEERING**

1223 Jones Franklin Rd.
Raleigh, N.C. 27606
License No. F-0377
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TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN
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APPROVED: _____ DATE: _____

**ROADWAY STANDARD
DRAWINGS & LEGEND**

MANAGEMENT STRATEGIES

CONSTRUCTION

CONSTRUCT NEW TWO-LANE, TWO-WAY ROADWAY (-L-) ON NEW LOCATION WITH PROPOSED INTERSECTION AT GORDON ROAD (-Y1REV-/SR 1913).

TMP DESIGN PARAMETERS

CONSTRUCT PROPOSED -L- AWAY FROM TRAFFIC AND CONSTRUCT PROPOSED GORDON ROAD (-Y1REV-) UTILIZING LANE CLOSURES. UNDER AN ICT CLOSE GORDON ROAD (-Y1REV-) AND INSTALL PROPOSED 54" RCP.

GENERAL NOTES / LOCAL 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 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.

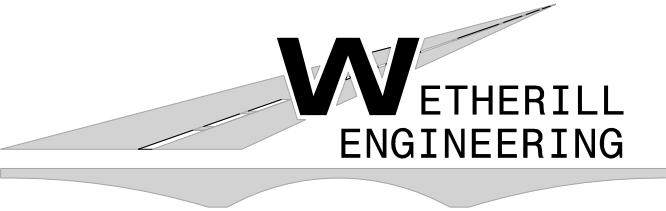
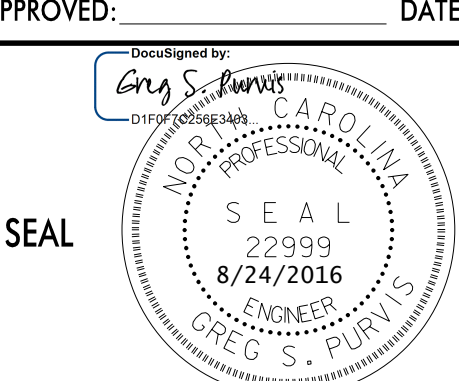
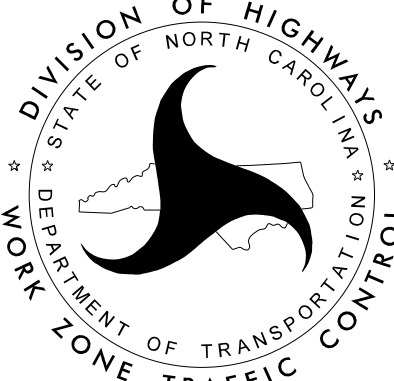
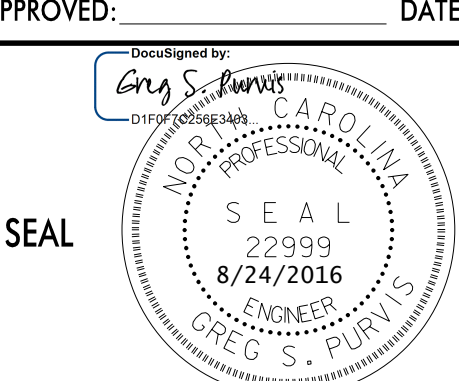
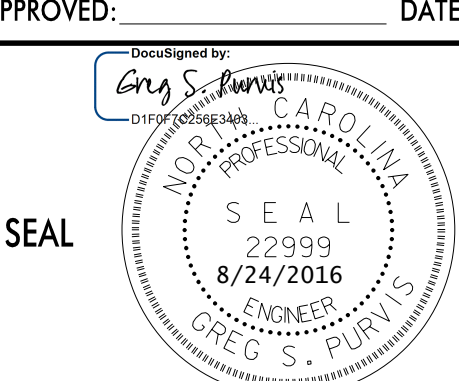
LANE AND SHOULDER CLOSURE REQUIREMENTS

- B) 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.
- C) 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.
- D) 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.

- E) 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.
- F) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.
- G) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.

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 <p style="font-size: x-small;">TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION</p>	1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; font-size: x-small;">APPROVED: _____</td> <td style="width: 50%; font-size: x-small;">DATE: _____</td> </tr> <tr> <td colspan="2" style="text-align: center;">  </td> </tr> </table> <div style="display: flex; justify-content: space-around; align-items: center;">  <div style="text-align: center;"> <h2 style="margin: 0;">MANAGEMENT STRATEGIES AND GENERAL NOTES / LOCAL NOTES</h2> </div> </div>	APPROVED: _____	DATE: _____		
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GENERAL NOTES / LOCAL NOTES (CONT)

PAVEMENT EDGE DROP OFF REQUIREMENTS

- H) 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 A 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.

- I) 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) 500 FT IN ADVANCE AND A MINIMUM OF ONCE EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

- J) NOTIFY THE ENGINEER TWENTY ONE (21) CALENDAR DAYS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.

SIGNING

- K) 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.

- L) 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.

- M) 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.

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

- O) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 500 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

- P) 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.

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

PAVEMENT MARKINGS AND MARKERS

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

ROAD NAME	MARKING	MARKER
1. GORDON ROAD	PAINT	TEMPORARY RAISED

- S) 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.

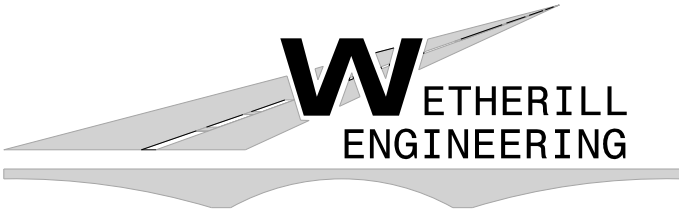
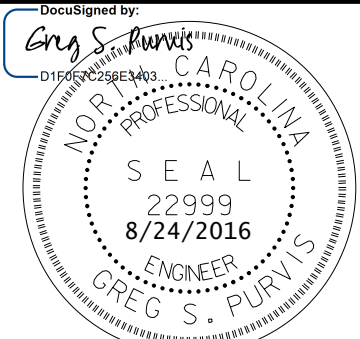
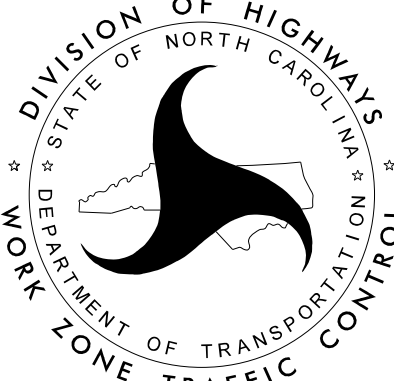
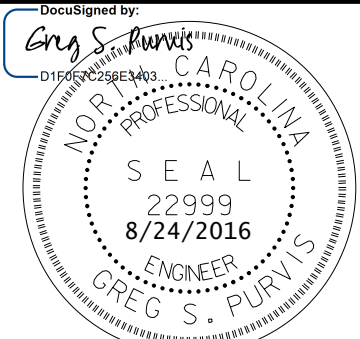
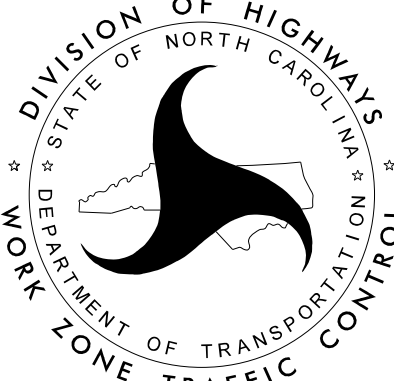
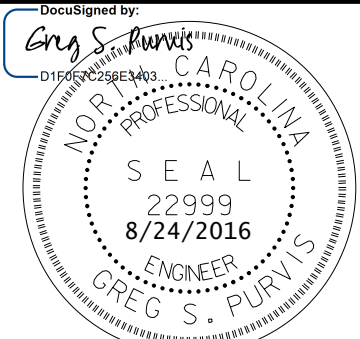
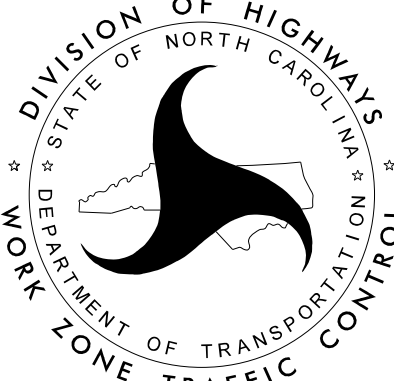
- T) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

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

MISCELLANEOUS

- V) MAINTAIN CONTINUOUS AND SAFE VEHICULAR ACCESS TO NEW BETHEL BAPTIST CHURCH.

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 WETHERILL ENGINEERING TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; font-size: x-small;">APPROVED: _____</td> <td style="width: 50%; font-size: x-small;">DATE: _____</td> </tr> <tr> <td style="text-align: center; vertical-align: middle;">  </td> <td style="text-align: center; vertical-align: middle;">  </td> </tr> </table>	APPROVED: _____	DATE: _____		
APPROVED: _____	DATE: _____					
						
GENERAL NOTES/ LOCAL NOTES						

SIGN NUMBER: name TYPE: STATIONARY QUANTITY: SEE PLANS SIGN WIDTH: 3'-0" HEIGHT: 2'-0" TOTAL AREA: 6.0 Sq.Ft. BORDER TYPE: INSET RECESS: 0.47" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: LENGTH:	BACKG COLOR: Fluorescent Orange COPY COLOR: Black SYMBOL X Y WID HT MAT'L: 0.080" (2.0 mm) ALUMINUM	DESIGN BY: SLK PROJECT ID: R-5769 CHECKED BY: JWG DIV: 4 Apr 26, 2016
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USE NOTES: 1,2

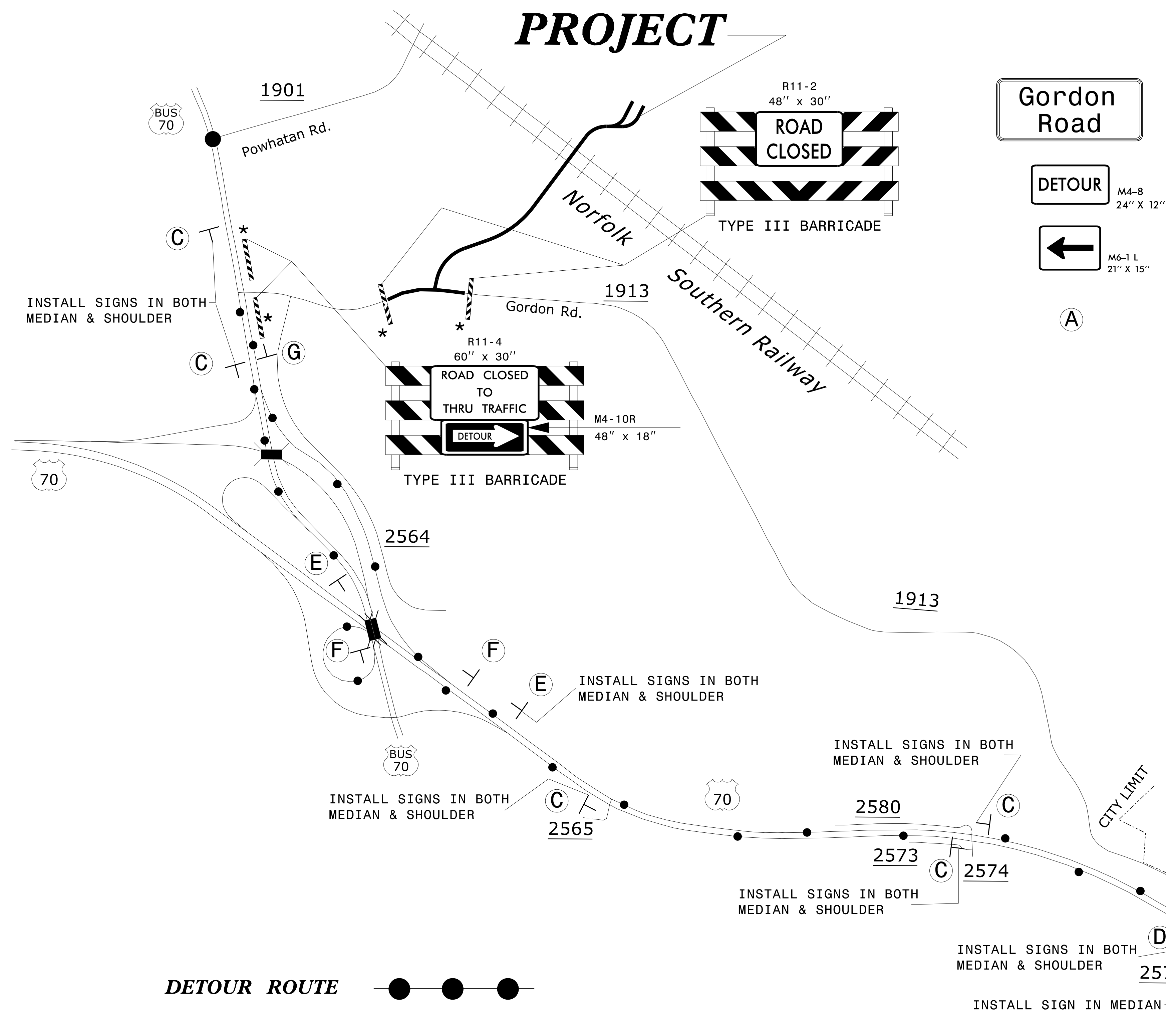
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- Background shall be HC GRADE B fluorescent orange retroreflective sheeting.

LETTER POSITIONS										Series/Size
Letter spacings are to start of next letter										Text Length
G	o	r	d	o	n					D 2000
4.6	5.8	4.7	3.2	4.6	4.7	3.7	4.6			26.9
R	o	a	d							D 2000
8.8	5.6	4.5	4.5	3.7	8.8					16.4

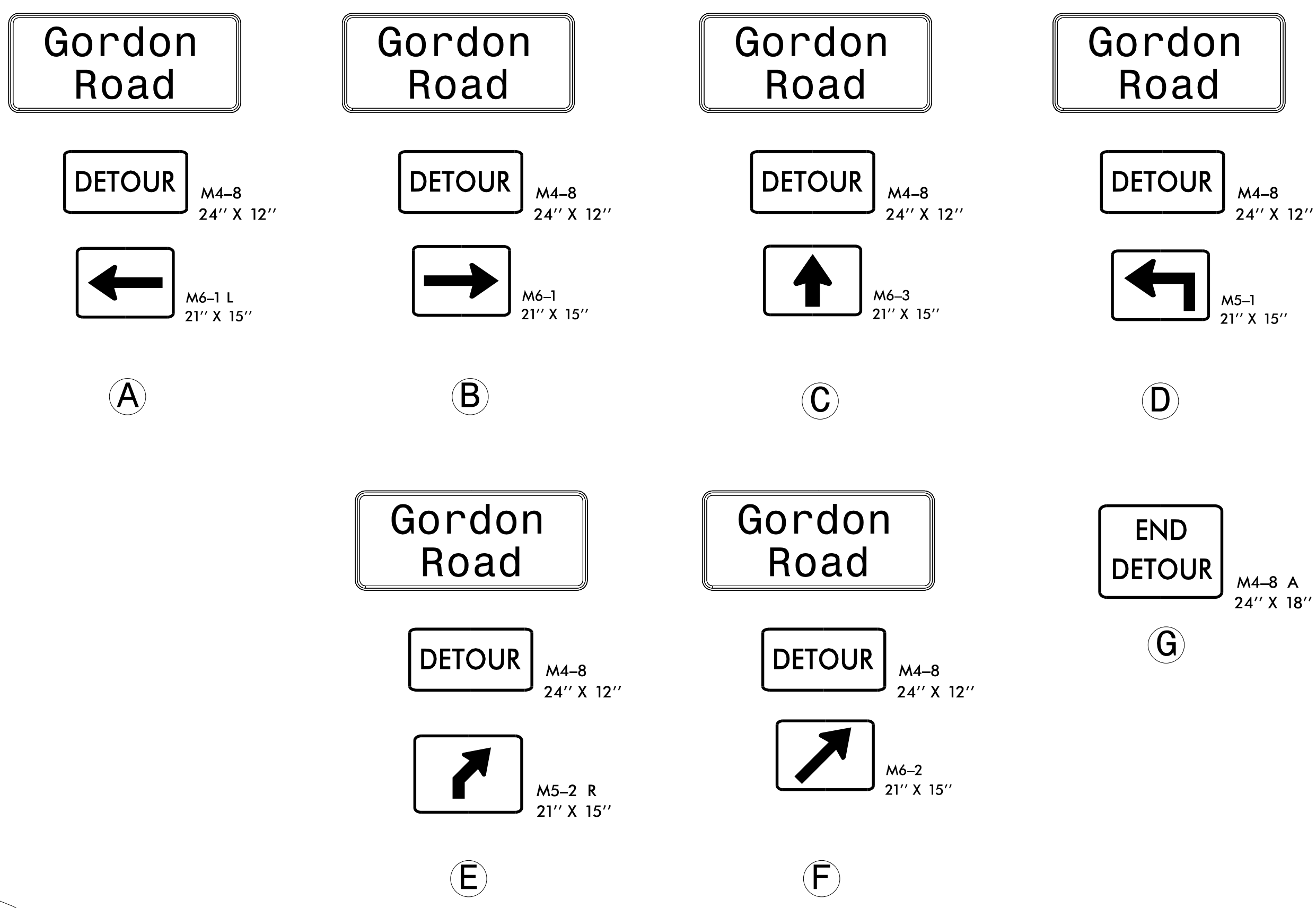
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SPECIAL SIGN DESIGN(S)		



DETOUR SIGNING



NOTES: SEE TMP-2 FOR "GORDON ROAD" SPECIAL SIGN DESIGN.
 ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.
 * SEE RSD 1101.03, SHEET 1 OF 9, FOR TYPE III BARRICADE LOCATION WITH ATTACHED SIGNING & ADDITIONAL SIGNING FOR ROAD CLOSURE.

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WETHERILL ENGINEERING

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APPROVED: _____ DATE: _____

SEAL

SEAL

22999
8/24/2016
ENGINEER
GREG S. PURVIS

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

DETOUR
GORDON RD. (-Y1REV-)

PHASING

NOTE: BEFORE BEGINNING CONSTRUCTION THE CONTRACTOR SHALL:

- INSTALL ADVANCE WORK ZONE WARNING SIGNS ALONG GORDON ROAD (-Y1REV-) AND STATEFORD DRIVE (SEE ROADWAY STANDARD DRAWING NO. 1101.01, SHEET 3 OF 3).

PHASE I

CONTRACTOR MAY WORK PHASE I, STEP 1 AND STEP 2 SIMULTANEOUSLY.

- STEP 1: - AWAY FROM TRAFFIC BEGIN CONSTRUCTION OF PROPOSED -L- (INCLUDING PROPOSED BRIDGE), UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM STA. 10+17 +/- -L- TO STA 43+57 +/- -L- & STA. 10+00 +/- -L1- TO STA. 15+07 +/- -L1- (SEE ROADWAY PLANS AND SHEETS TMP-4 & TMP-5).
- USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 15, AS REQUIRED, BEGIN CONSTRUCTION OF PROPOSED WIDENING OF GORDON ROAD (-Y1REV-) UP TO THE EDGE & ELEVATION OF THE EXISTING FROM STA. 10+50 +/- -Y1REV- TO STA. 23+17 +/- -Y1REV- (SEE ROADWAY PLANS AND SHEET TMP-4).

CONTRACTOR SHALL WORK IN A CONTINUOUS MANNER TO COMPLETE THE WORK IN PHASE I, STEP 2A THRU 2C IN 5 CONSECUTIVE DAYS (SEE INTERMEDIATE CONTRACT TIME AND SPECIAL PROVISIONS).

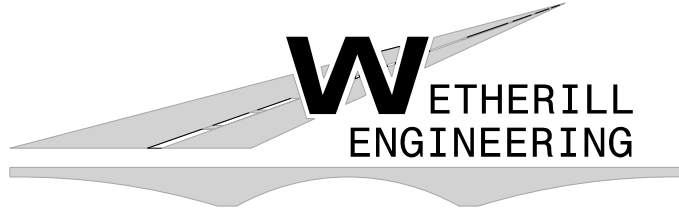
- STEP 2: - INSTALLATION OF PROPOSED 54" RCP AT STA. 20+55 +/- -Y1REV-.
- A. USING ROADWAY STANDARD DRAWING NO. 1101.03, SHEET 1 OF 9, & SHEET TMP-2A, CLOSE GORDON ROAD (-Y1REV-) AND PLACE TRAFFIC ON OFF-SITE DETOUR.
 - B. INSTALL PROPOSED 54" RCP (NOT INCLUDING WING WALLS) AND CONSTRUCT PROPOSED GORDON ROAD (-Y1REV-) UP TO THE EDGE & ELEVATION OF THE EXISTING FOR THE EXISTING TRAFFIC PATTERN (SEE ROADWAY PLANS).
 - C. PLACE TEMPORARY PAVEMENT MARKINGS IN THE EXISTING TWO-LANE, TWO-WAY TRAFFIC PATTERN AND OPEN GORDON ROAD (-Y1REV-) TO TRAFFIC.

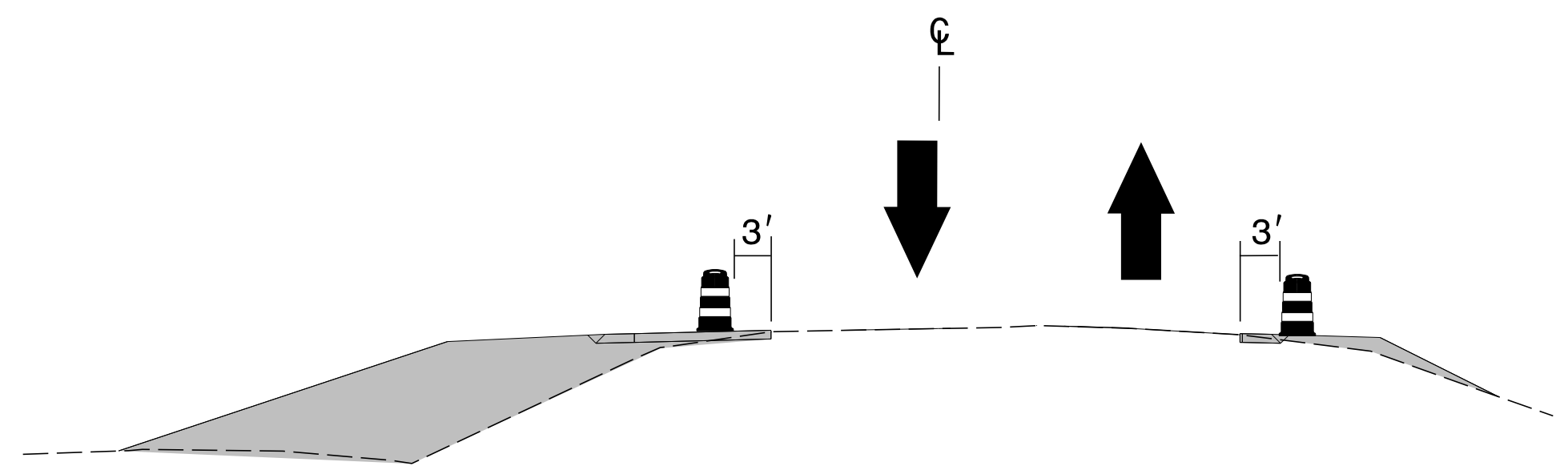
- STEP 3: - COMPLETE CONSTRUCTION OF PROPOSED -L- (INCLUDING PROPOSED BRIDGE), UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE BEGUN IN PHASE I, STEP 1.
- COMPLETE CONSTRUCTION OF PROPOSED WIDENING OF GORDON ROAD (-Y1REV-) BEGUN IN PHASE I, STEP 1 AND USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 15, AS REQUIRED:
 - UTILIZING PAVING & WEDGING OPERATIONS, CONSTRUCT PROPOSED GORDON ROAD (-Y1REV-) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE FROM STA. 10+50 +/- -Y1REV- TO STA. 23+17 +/- -Y1REV-, PLACE TEMPORARY PAVEMENT MARKINGS IN THE EXISTING TWO-LANE, TWO-WAY TRAFFIC PATTERN AND OPEN TO TRAFFIC (SEE ROADWAY PLANS AND SHEETS TMP-6).
 - CONSTRUCT PROPOSED WING WALLS FOR 54" RCP AT STA. 20+55 +/- -Y1REV-.

PHASE II

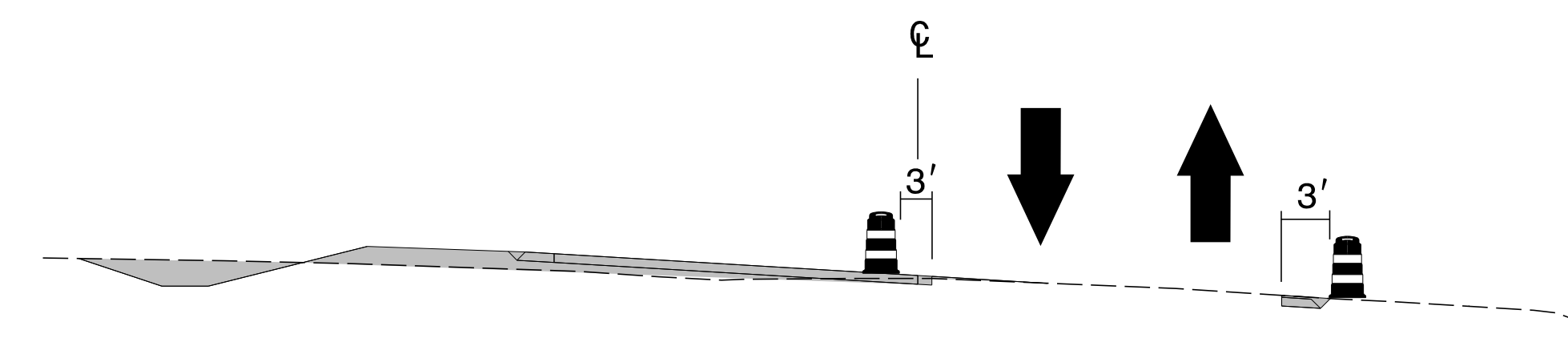
- STEP 1: - USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEET 1 OF 15, AS REQUIRED:
- PAVE THE FINAL LAYER OF SURFACE COURSE ON PROPOSED -L- FROM STA. 10+17 +/- -L- TO STA 43+57 +/- -L- & STA. 10+00 +/- -L1- TO STA. 15+08 +/- -L1- AND PROPOSED GORDON ROAD (-Y1REV-) FROM STA. 10+50 +/- -Y1REV- TO STA. 23+17 +/- -Y1REV- (SEE ROADWAY PLANS).
 - PLACE FINAL PAVEMENT MARKINGS & INSTALL FINAL PAVEMENT MARKERS ON PROPOSED -L- & PROPOSED GORDON ROAD (-Y1REV-) AND OPEN TO FINAL TRAFFIC PATTERN (SEE FINAL PAVEMENT MARKING PLANS).
- STEP 2: - REMOVE ALL TEMPORARY TRAFFIC CONTROL DEVICES.

6/27/2016
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User:skennedy

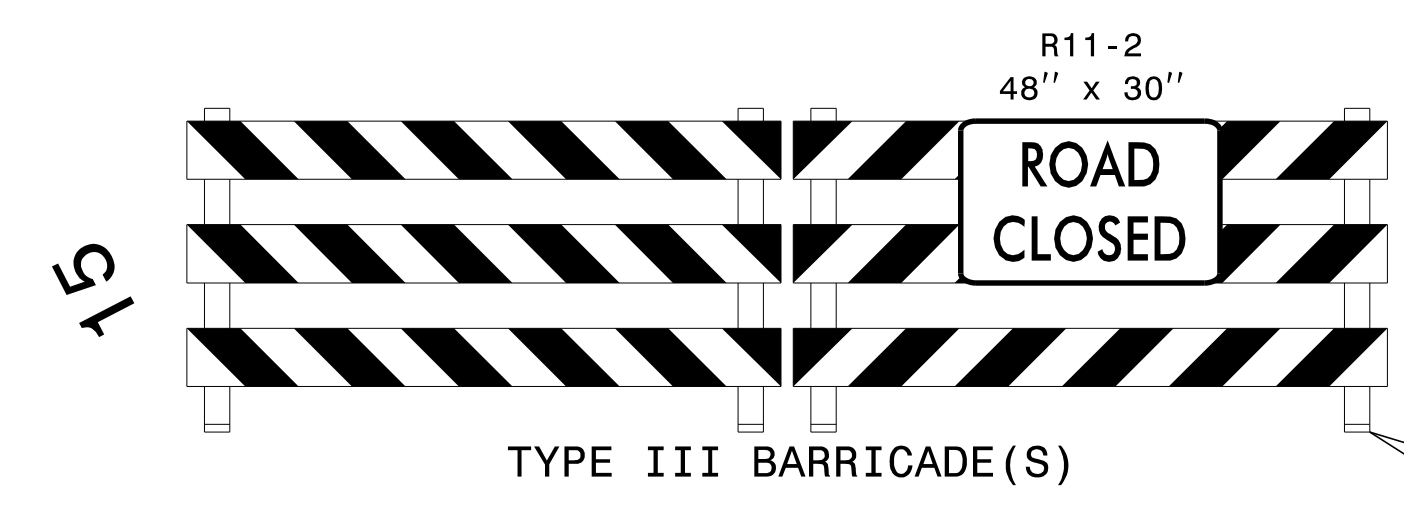
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED					
 TRANSPORTATION PLANNING/DESIGN - BRIDGE/STRUCTURE DESIGN CIVIL/SITE DESIGN - GIS/GPS - CONSTRUCTION OBSERVATION	1223 Jones Franklin Rd. Raleigh, N.C. 27606 License No. F-0377 Bus: 919 851 8077 Fax: 919 851 8107	APPROVED: _____ DATE: _____ (Seal of Greg S. Purvis, Professional Engineer, License No. 22999, dated 8/24/2016)	(Seal of North Carolina Department of Transportation, Division of Highways, Work Zone Traffic Control)	<h1 style="font-size: 2em;">PHASING</h1>	



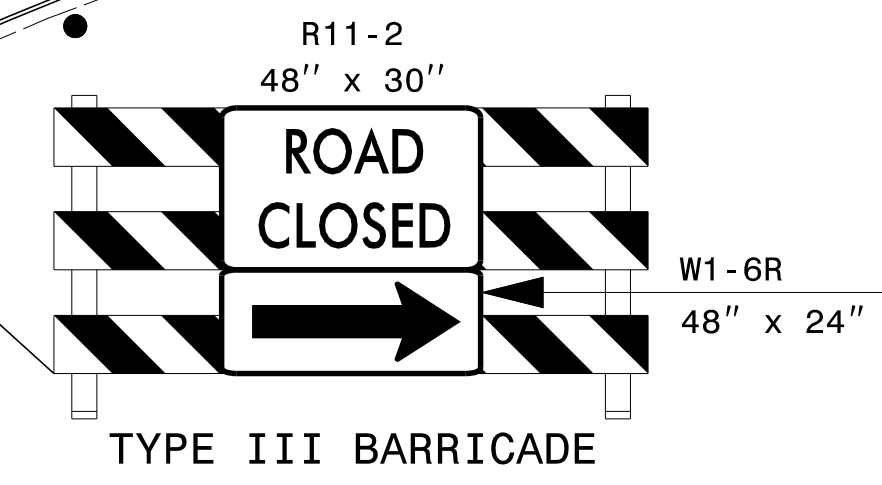
TYPICAL SECTION B-B
-Y1REV- STA. 21+00



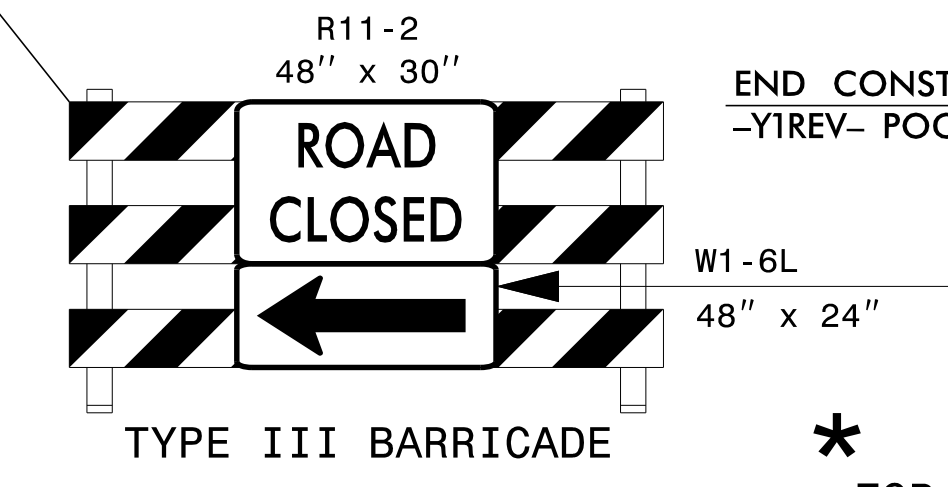
TYPICAL SECTION A-A
-Y1REV- STA. 14+50



TYPE III BARRICADE(S)



TYPE III BARRICADE

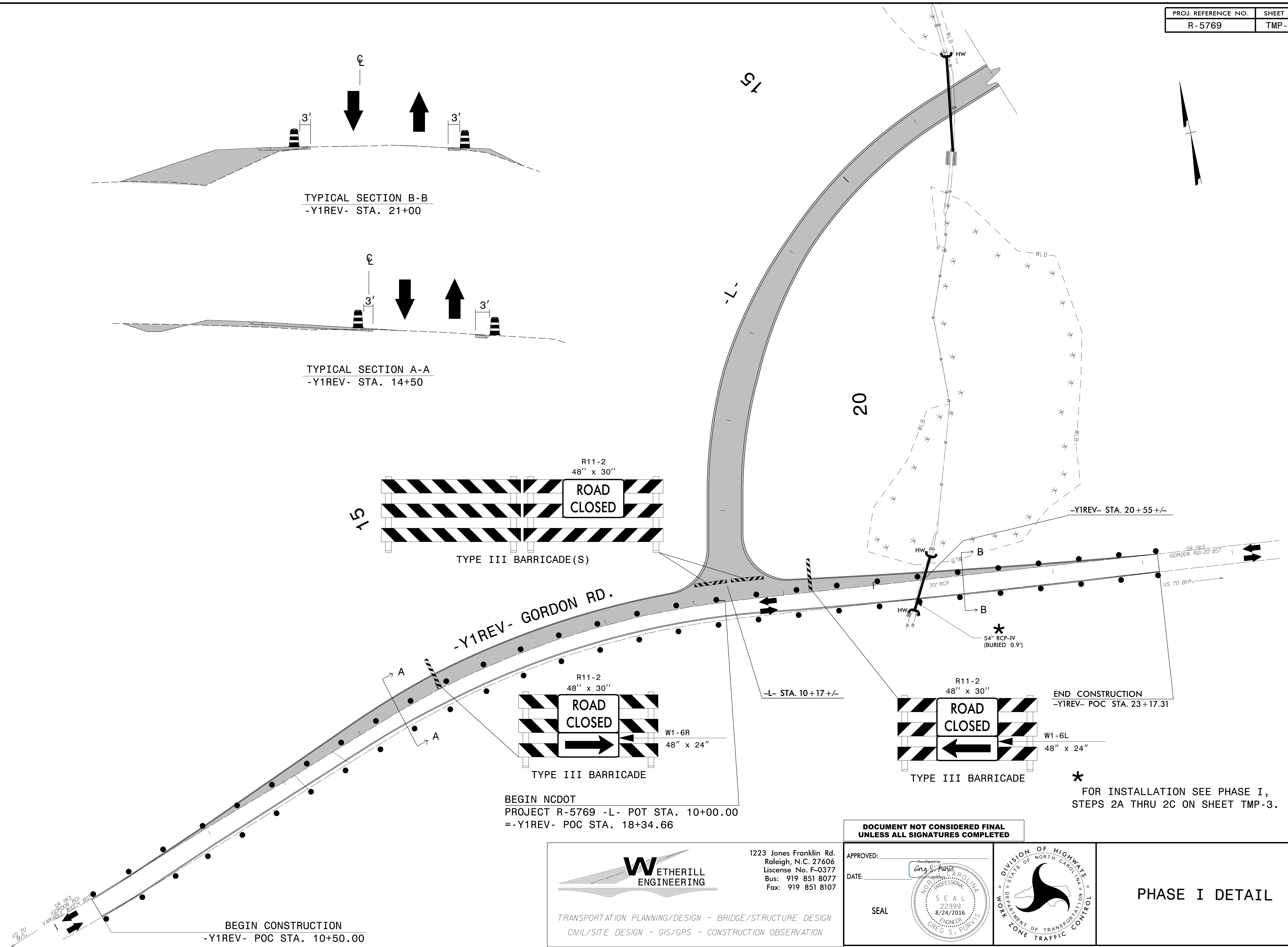


TYPE III BARRICADE

BEGIN NCDOT
PROJECT R-5769 -L- POT STA. 10+00.00
=-Y1REV- POC STA. 18+34.66

END CONSTRUCTION
-Y1REV- POC STA. 23+17.31

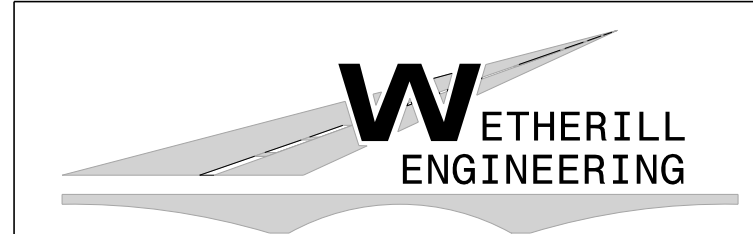
* FOR INSTALLATION SEE PHASE I,
STEPS 2A THRU 2C ON SHEET TMP-3.



6/28/2016
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BEGIN CONSTRUCTION
-Y1REV- POC STA. 10+50.00

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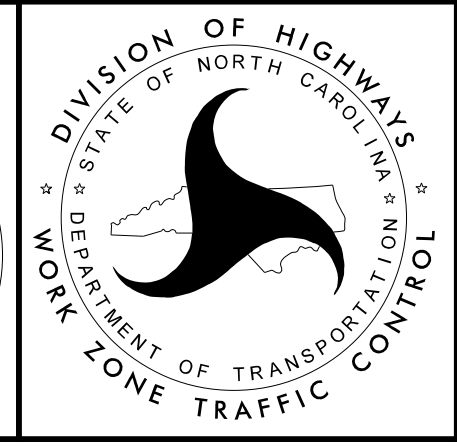


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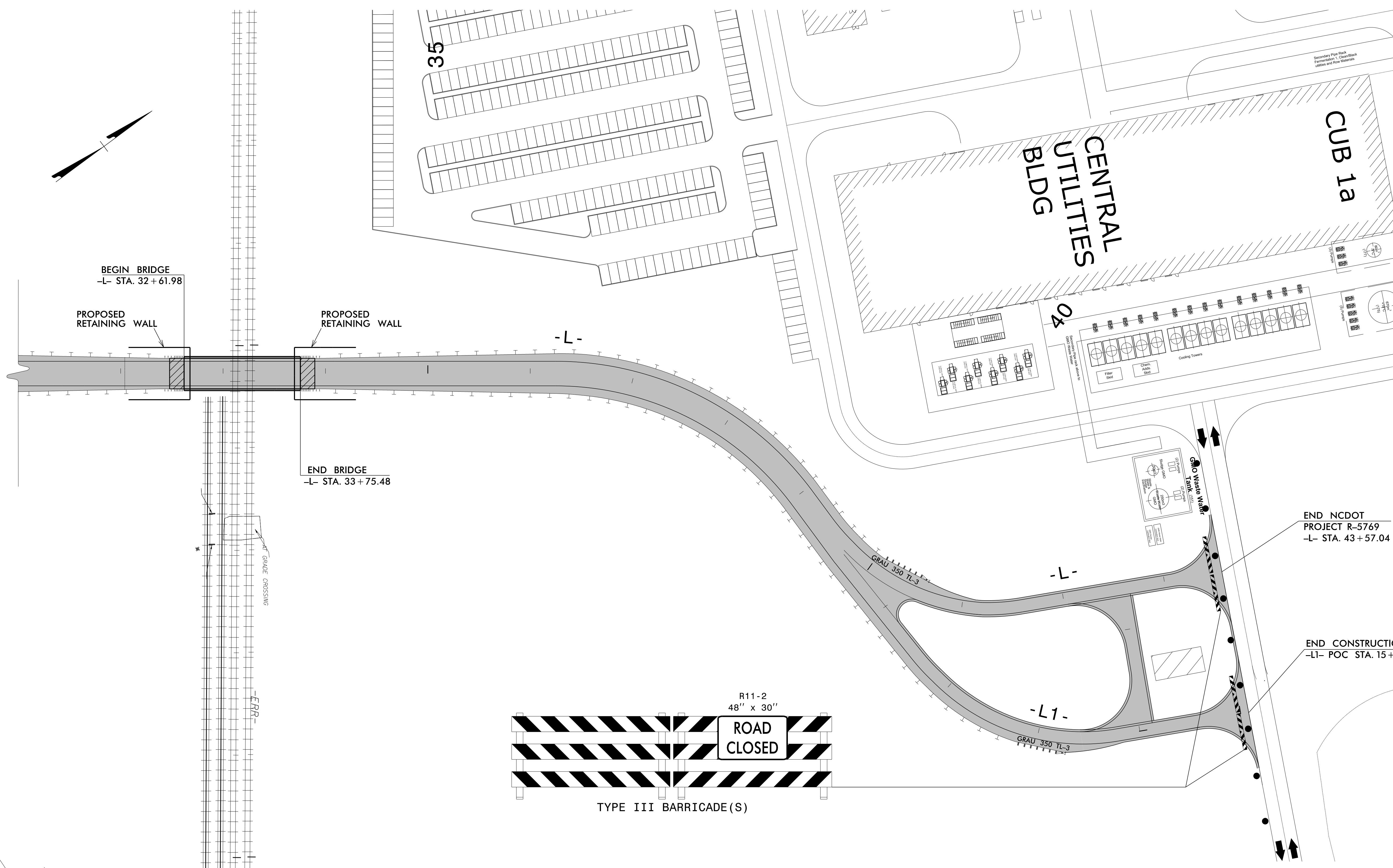
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Raleigh, N.C. 27606
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Fax: 919 851 8107

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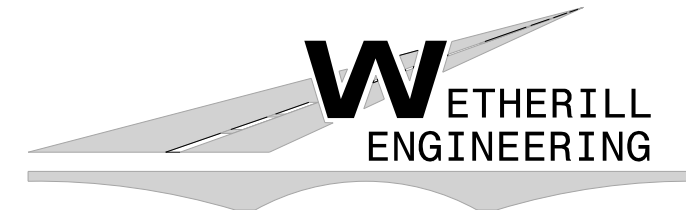
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PHASE I DETAIL



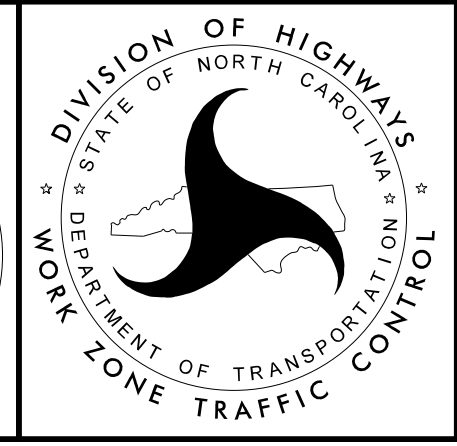
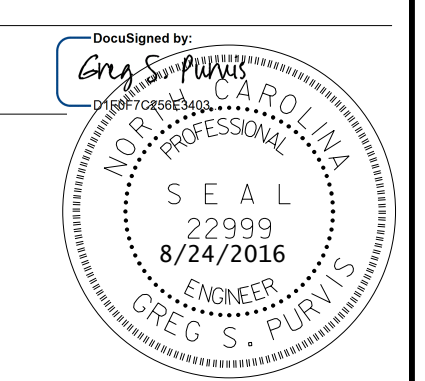
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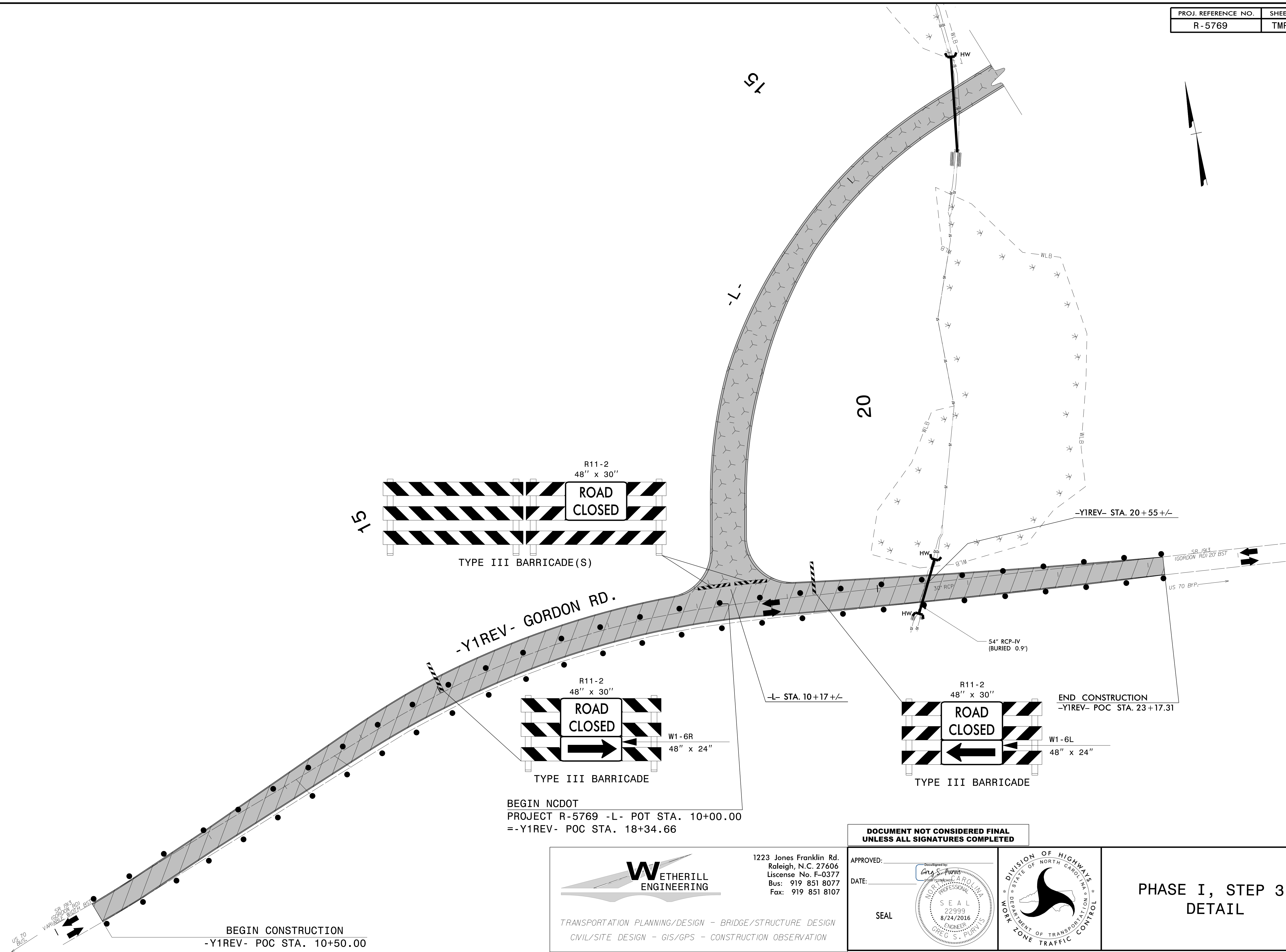
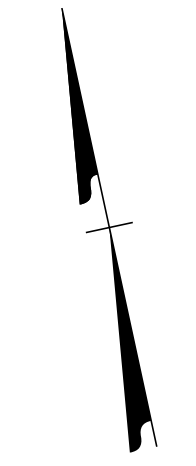
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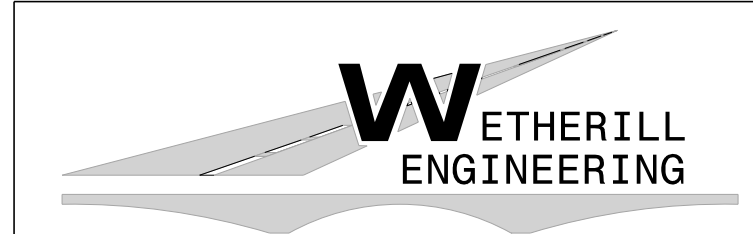
PHASE I DETAIL



BEGIN NCDOT
 PROJECT R-5769 -L- POT STA. 10+00.00
 =-Y1REV- POC STA. 18+34.66

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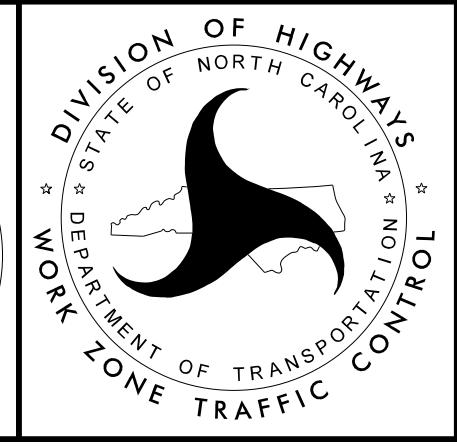


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APPROVED: _____
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**PHASE I, STEP 3
 DETAIL**