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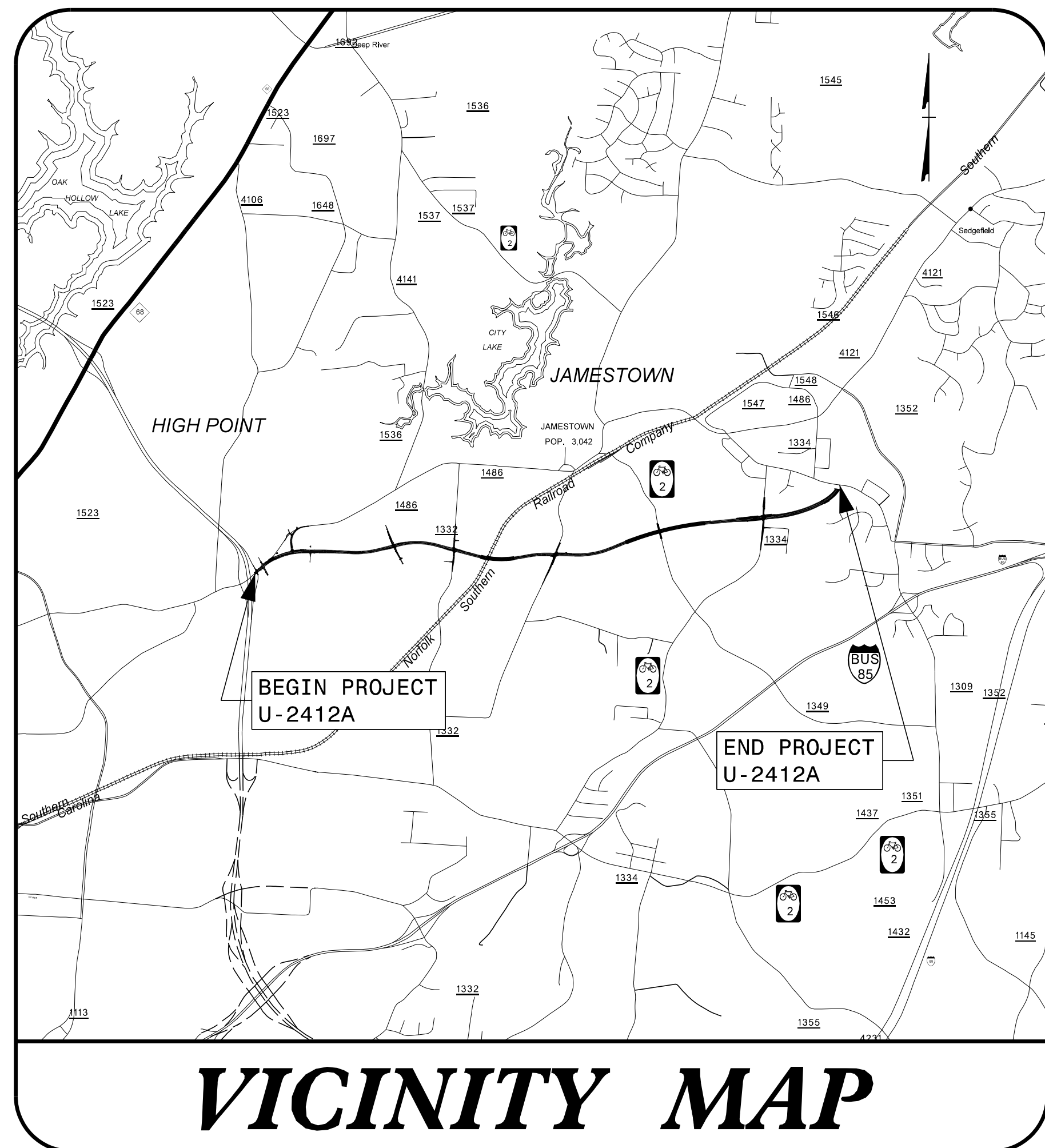
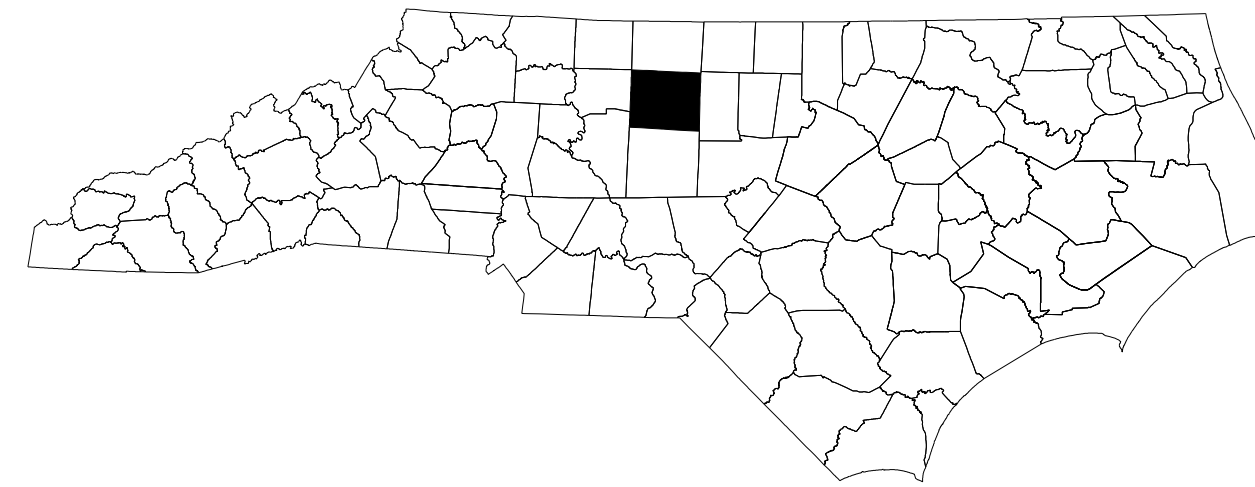
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

GUILFORD COUNTY



LOCATION: SR-1486 /SR-4121 (GREENSBORO/HIGH POINT ROAD) FROM PROPOSED US 311 BYPASS TO WEST OF SR 1480 (VICKREY CHAPEL ROAD)

TYPE OF WORK: GRADING, DRAINAGE, PAVING, STRUCTURES, CULVERT, & SIGNALS

VICINITY MAP

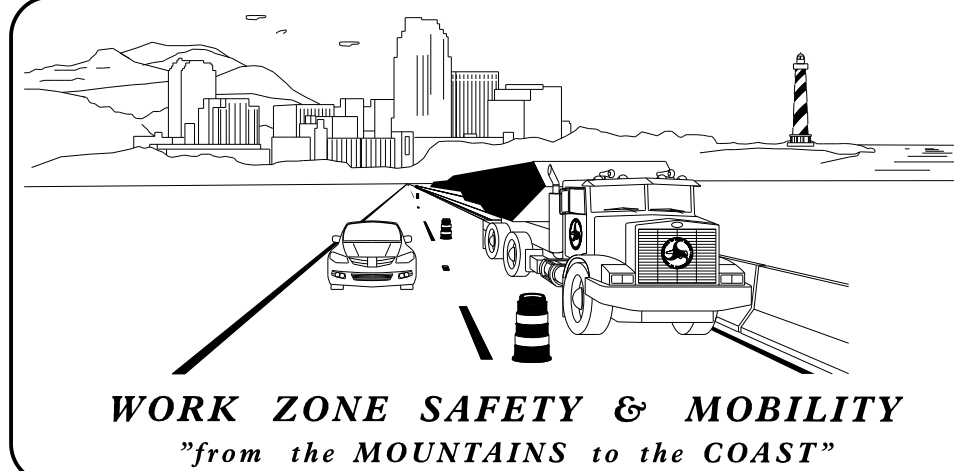
SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP, AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS AND LEGEND
TMP-1B THRU 1C	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES AND GENERAL NOTES)
TMP-2 THRU 2K	TEMPORARY TRAFFIC CONTROL DETOUR DETAILS
TMP-3 THRU 3C	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4	TEMPORARY TRAFFIC CONTROL OVERVIEW OF AREAS
TMP-5 THRU 15	TEMPORARY TRAFFIC CONTROL AREA 1 DETAILS
TMP-16 THRU 17	TEMPORARY TRAFFIC CONTROL AREA 3 DETAILS
TMP-18 THRU 19	TEMPORARY TRAFFIC CONTROL AREA 4 DETAILS
TMP-20 THRU 21	TEMPORARY TRAFFIC CONTROL AREA 5 DETAILS
TMP-22	TEMPORARY TRAFFIC CONTROL AREA 6 DETAILS
TMP-23 THRU 24	TEMPORARY TRAFFIC CONTROL AREA 7 DETAILS
TMP-25	TEMPORARY TRAFFIC CONTROL AREA 8 DETAILS

SHEET NO.
TMP-1

U-2412A

TIP PROJECT:

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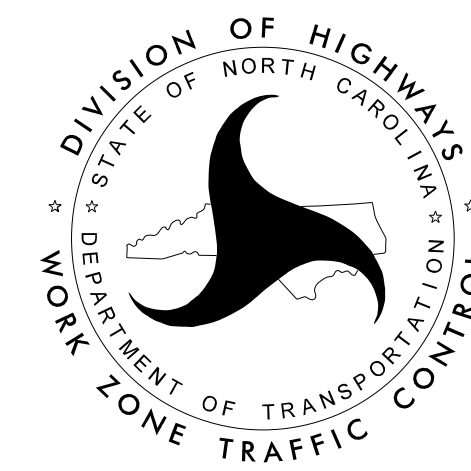
N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 814-5000 FAX: (919) 771-2745

J. E. Hummer, PhD, PE **STATE TRAFFIC MANAGEMENT ENGINEER**

J. S. KITE, PE **TRAFFIC CONTROL PROJECT ENGINEER**

M. STEELMAN **TRAFFIC CONTROL PROJECT DESIGN ENGINEER**

TRAFFIC CONTROL DESIGN ENGINEER



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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APPROVED: *David W. Bissett*
DATE: 3/30/2018

SEAL
030864
DAVID W. BISSETT
ENGINEER

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 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
1115.01	FLASHING ARROW BOARDS
1130.01	DRUM
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1160.01	TEMPORARY CRASH CUSHION
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1180.01	SKINNY-DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO-LANE AND MULTI-LANE ROADWAYS
1205.03	PAVEMENT MARKINGS - EXITS AND ENTRANCE RAMPS
1205.04	PAVEMENT MARKINGS - INTERSECTIONS
1205.05	PAVEMENT MARKINGS - TURN LANES
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
1205.13	PAVEMENT MARKINGS - LANE REDUCTIONS
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
- WEDGING
- TEMPORARY PAVEMENT

SIGNALS

- EXISTING
- PROPOSED
- TEMPORARY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

TRAFFIC CONTROL DEVICES

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

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

TEMPORARY PAVEMENT MARKING

ITEM	SYMBOL	DESCRIPTION
PAINT (24")	P4	WHITE STOPBAR
PAINT (4")	P8	2 FT. - 6 FT. WHITE MINISKIP
	PA	WHITE EDGELINE
	PC	10 FT. WHITE SKIP
	PD	3 FT. - 9 FT. WHITE MINISKIP
	PE	WHITE SOLID LANE LINE
	PF	10 FT. YELLOW SKIP
	PH	YELLOW SINGLE CENTER
	PI	YELLOW DOUBLE CENTER
PAINT (8")	PN	WHITE GORE LINE
	PP	YELLOW DIAGONAL
	PS	WHITE DIAGONAL
PAINT MARKING SYMBOLS	QA	LEFT TURN ARROW
	QB	RIGHT TURN ARROW
	QC	STRAIGHT ARROW
	QD	COMBO. STRAIGHT/LEFT
	QE	COMBO. STRAIGHT/RIGHT
	QP	MERGE ARROW
TEMPORARY RAISED PAVEMENT MARKERS	MH	YELLOW & YELLOW
	MI	CRYSTAL & RED
	MJ	YELLOW & RED

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APPROVED: DATE: 3/30/2018 SEAL 	PLANS PREPARED FOR THE NCDOT BY: MOTT MACDONALD LICENSE NO. F-8669	ROADWAY STANDARD DRAWINGS & LEGEND
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MANAGEMENT STRATEGIES

THE PROJECT WILL BE DIVIDED INTO AREAS. THE PROGRESS OF CONSTRUCTION IN EACH AREA WILL BE INDEPENDENT OF ALL OTHER AREAS WITH THE EXCEPTION OF LIMITS ON -Y- CLOSURES AND THE OPENING OF THE BYPASS.

AREA 1

PHASE I
TRAFFIC WILL BE MAINTAINED IN THE EXISTING PATTERN. A TEMPORARY SIGNAL WILL BE INSTALLED TO RELOCATE THE EXISTING POLES OUTSIDE OF THE PROPOSED WIDENING. THE -L- WIDENING WILL BE CONSTRUCTED USING LANE CLOSURES WITH AM AND PM PEAK HOUR TIME RESTRICTIONS ON GREENSBORO ROAD.

PHASE II
TRAFFIC WILL BE MAINTAINED IN A TEMPORARY TWO LANE, TWO WAY PATTERN ON -L- AND -Y-. A TEMPORARY SIGNAL WILL BE INSTALLED AT THE INTERSECTION OF -L-, -Y1-, AND -Y2-. TRAFFIC WILL BE PLACED IN THE FINAL PATTERN ON -Y1-. TRAFFIC WILL BE MAINTAINED IN THE EXISTING PATTERN ON -Y2-. -YA- WILL BE MAINTAINED IN A TEMPORARY TWO LANE, TWO WAY PATTERN. THE PROPOSED WORK WILL BE COMPLETED USING LANE CLOSURES. -YC- WILL BE CLOSED TO TRAFFIC AT -YA-. A TEMPORARY ACCESS WILL BE PROVIDED

PHASE III
-YC- WILL OPEN IN THE FINAL PATTERN. THE TEMPORARY ACCESS FROM -L- TO GREENSBORO RD. WILL BE CLOSED. -L- AND -Y- WILL BE WEDGED USING LANE CLOSURES WITH AM AND PM PEAK HOUR TIME RESTRICTIONS. -Y1- AND -RPD- WILL BE CONSTRUCTED USING LANES CLOSURES. -Y3- ACCESS TO GREENSBORO ROAD WILL BE SEVERED AND TEMPORARY ACCESS FROM -Y4- WILL BE PROVIDED VIA THE EAST BOUND LANES OF -L-.

AREA 2
THE PROPOSED ROADWAY SECTION WILL BE CONSTRUCTED AWAY FROM TRAFFIC.

AREA 3
TRAFFIC WILL BE MAINTAINED IN A TWO LANE, TWO WAY PATTERN ON -Y4-. THE PROPOSED WORK WILL BE COMPLETED USING LANE CLOSURES.

AREA 4
TRAFFIC WILL BE MAINTAINED IN A TWO LANE, TWO WAY PATTERN ON -Y5-. THE PROPOSED WORK WILL BE COMPLETED USING LANE CLOSURES.

AREA 5
TRAFFIC WILL BE MAINTAINED IN A TWO LANE, TWO WAY PATTERN ON -Y7-. THE PROPOSED WORK WILL BE COMPLETED USING LANE CLOSURES AND ONE WEEKEND ROAD CLOSURE WITH AN ICT. -Y7- CANNOT BE CLOSED CONCURRENTLY WITH -Y8- OR -Y10-.

AREA 6
TRAFFIC WILL BE MAINTAINED ON AN OFFSITE DETOUR FOR -Y8- UNTIL THE WORK IS COMPLETED. -Y8- CANNOT BE CLOSED CONCURRENTLY WITH -Y7- OR -Y10-.

AREA 7
TRAFFIC WILL BE MAINTAINED IN A TWO LANE, TWO WAY PATTERN ON -Y10-. THE PROPOSED WORK WILL BE COMPLETED USING LANE CLOSURES AND ONE ROAD CLOSURE WITH AN ICT. -Y10- CANNOT BE CLOSED DURING THE SCHOOL YEAR. -Y10- CANNOT BE CLOSED CONCURRENTLY WITH -Y7- OR -Y8-.

AREA 8
TRAFFIC WILL BE MAINTAINED IN THE EXISTING PATTERN ON VICKERY CHAPEL ROAD. A TEMPORARY SIGNAL WILL BE INSTALLED TO RELOCATE THE EXISTING POLES OUTSIDE OF THE PROPOSED WIDENING. THE WORK WILL BE COMPLETED USING LANE CLOSURES.

GENERAL NOTES

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

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

TIME RESTRICTIONS

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

ROAD NAME	DAY AND TIME RESTRICTIONS
SR 1486 (GREENSBORO RD)	MONDAY THROUGH FRIDAY 7:00 AM TO 9:00 AM AND 4:00 PM TO 6:00 PM
SR 1355 (HARVEY RD)	MONDAY THRU FRIDAY (DURING OFFICIAL SCHOOL DAYS PER GUILFORD COUNTY SCHOOLS CALENDAR) 7:00 AM TO 9:00 AM

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

ROAD NAME
SR 1486 (GREENSBORO RD)

HOLIDAY

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

IF INDEPENDENCE DAY IS ON A FRIDAY, SATURDAY, SUNDAY OR MONDAY THEN BETWEEN THE HOURS OF 6:00 AM THE THURSDAY BEFORE INDEPENDENCE DAY AND 7:00 PM THE TUESDAY AFTER INDEPENDENCE DAY.

- FOR LABOR DAY, BETWEEN THE HOURS OF 6:00 AM FRIDAY AND 7:00 PM TUESDAY.
- FOR THANKSGIVING DAY, BETWEEN THE HOURS OF 6:00 AM TUESDAY AND 7:00 PM MONDAY.
- FOR CHRISTMAS, BETWEEN THE HOURS OF 6:00 AM THE FRIDAY BEFORE THE WEEK OF CHRISTMAS DAY AND 7:00 PM THE FOLLOWING TUESDAY AFTER THE WEEK OF CHRISTMAS.
- FOR THE FURNITURE MARKETS, BETWEEN 7:00 P.M. ONE DAY BEFORE THE FURNITURE MARKETS AND 6:00 A.M. ONE DAY AFTER THE FURNITURE MARKETS.

C) 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

- D) 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.
- E) 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.

- F) 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.

- G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN A LANE OF TRAVEL OF AN UNDIVIDED OR DIVIDED FACILITY, CLOSE THE LANE ACCORDING TO THE TRANSPORTATION MANAGEMENT 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.

- H) 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.

- I) DO NOT INSTALL MORE THAN ONE LANE CLOSURE IN ANY DIRECTION ON ALL ROADS.

PAVEMENT EDGE DROP OFF REQUIREMENTS

- J) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS AN EDGE OF PAVEMENT DROP-OFF AS FOLLOWS:

BACKFILL DROP-OFFS THAT EXCEED 2 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS OF 45 MPH OR GREATER.

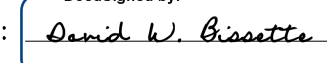
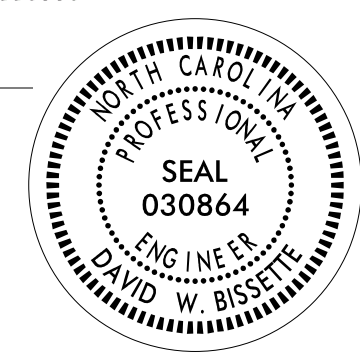
BACKFILL DROP-OFFS THAT EXCEED 3 INCHES ON ROADWAYS WITH POSTED SPEED LIMITS LESS THAN 45 MPH.

BACKFILL WITH SUITABLE COMPACTED MATERIAL, AS APPROVED BY THE ENGINEER, AT NO EXPENSE TO THE DEPARTMENT.

- K) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) (1500 FEET) IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

<p>APPROVED:  DATE: 3/30/2018</p> <p style="text-align: center;">SEAL</p>		<p>PLANS PREPARED FOR THE NCDOT BY:</p> <p>M MOTT MACDONALD</p> <p>FOR THE FURNITURE MARKETS, NC 27026 P.O. Box 700 919-552-2221 919-552-2224 (Fax) www.mottmac.com/ncdot LICENSE NO. F-0669</p>
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GENERAL NOTES

SIGNING

- M) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.
- N) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRANSPORTATION MANAGEMENT PLANS.
- PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRANSPORTATION MANAGEMENT PLANS.
- O) 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.
- P) ENSURE ALL NECESSARY SIGNING IS IN PLACE PRIOR TO ALTERING ANY TRAFFIC PATTERN.
- Q) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) (1500 FEET) IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

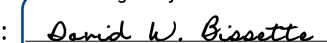
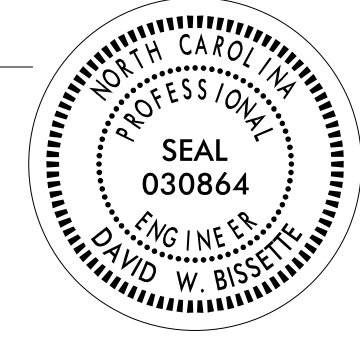
- R) WHEN LANE CLOSURES ARE NOT IN EFFECT SPACE CHANNELIZING DEVICES IN WORK AREAS NO GREATER IN FEET THAN TWICE THE POSTED SPEED LIMIT (MPH) EXCEPT, 10 FT ON-CENTER IN RADII, AND 3 FT OFF THE EDGE OF AN OPEN TRAVELWAY. REFER TO STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES SECTIONS 1130 (DRUMS), 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 PERPENDICULAR TO THE EDGE OF TRAVELWAY ON 500 FT CENTERS WHEN UNOPENED LANES ARE CLOSED TO TRAFFIC.

PAVEMENT MARKINGS AND MARKERS

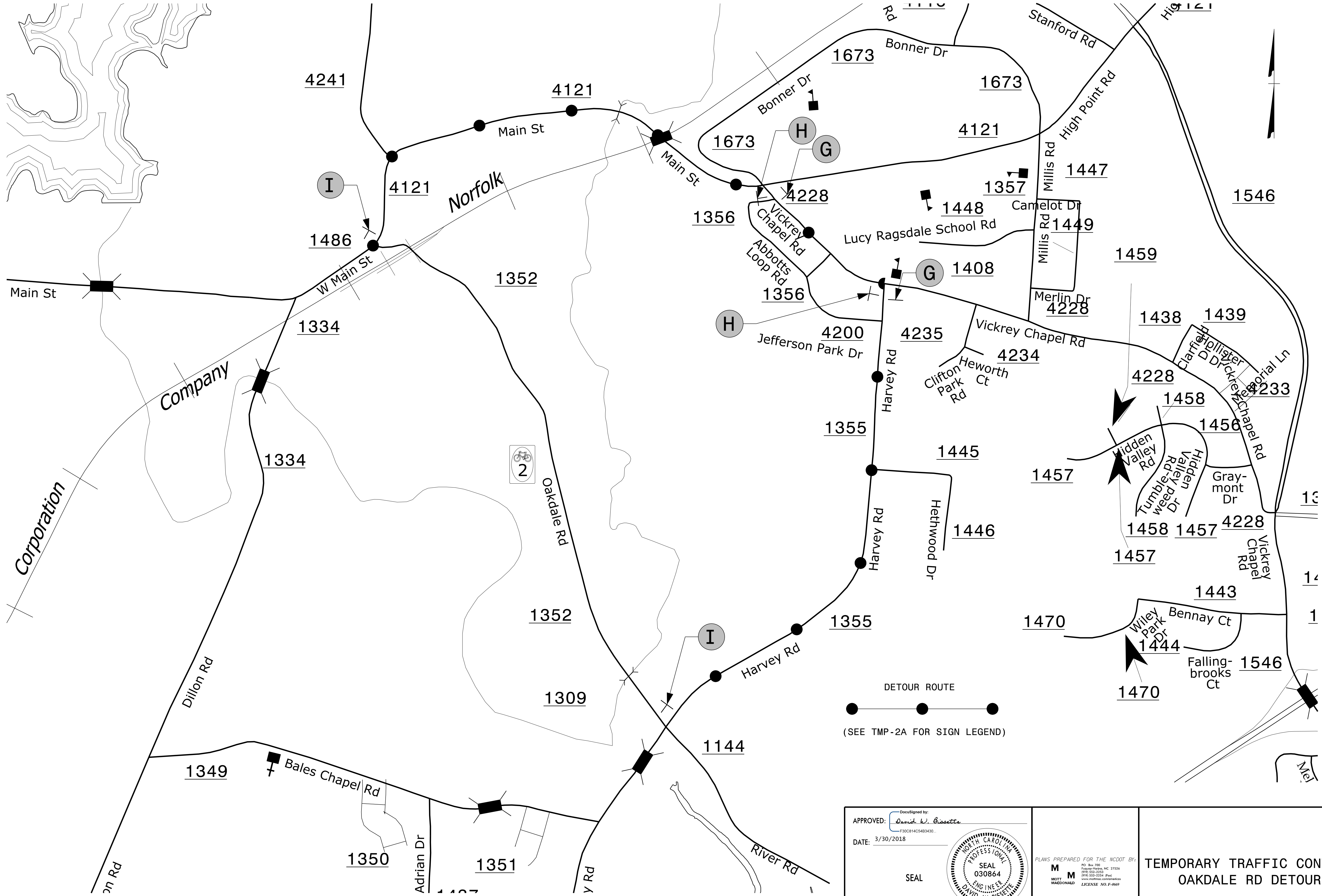
- U) INSTALL TEMPORARY PAVEMENT MARKINGS AND TEMPORARY PAVEMENT MARKERS ON INTERIM LAYERS OF PAVEMENT AS FOLLOWS:
- | ROAD NAME | MARKING | MARKER |
|-----------|---------|------------------|
| ALL ROADS | PAINT | TEMPORARY RAISED |
- V) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. 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 PROPOSED MONOLITHIC ISLAND LOCATIONS WITH PROPER COLOR PAVEMENT MARKINGS PRIOR TO INSTALLATION. PLACE DRUMS TO DELINEATE ANY MONOLITHIC ISLANDS BEFORE INSTALLATION.

MISCELLANEOUS

- Z) LAW ENFORCEMENT MAY BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.
- AA) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) (1500 FEET) AND (1000 FEET) 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.

<p>APPROVED: </p> <p>DATE: 3/30/2018</p> <p style="text-align: center;">SEAL</p>		<p>PLANS PREPARED FOR THE NCDOT BY:</p> <p>M MOTT MACDONALD</p> <p>FO. 800-780 Fayetteville, NC 27526 PFX: 553-2221 PFR: 553-2254 (Fax) www.mottmac.com/ncdot LICENSE NO. F-8669</p>
<p>TRANSPORTATION OPERATIONS PLAN</p>		
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DETOUR ROUTE
 ● ——— ● ——— ●
 (SEE TMP-2A FOR SIGN LEGEND)

3/30/2018
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APPROVED: *David W. Bisette*
 DATE: 3/30/2018

SEAL

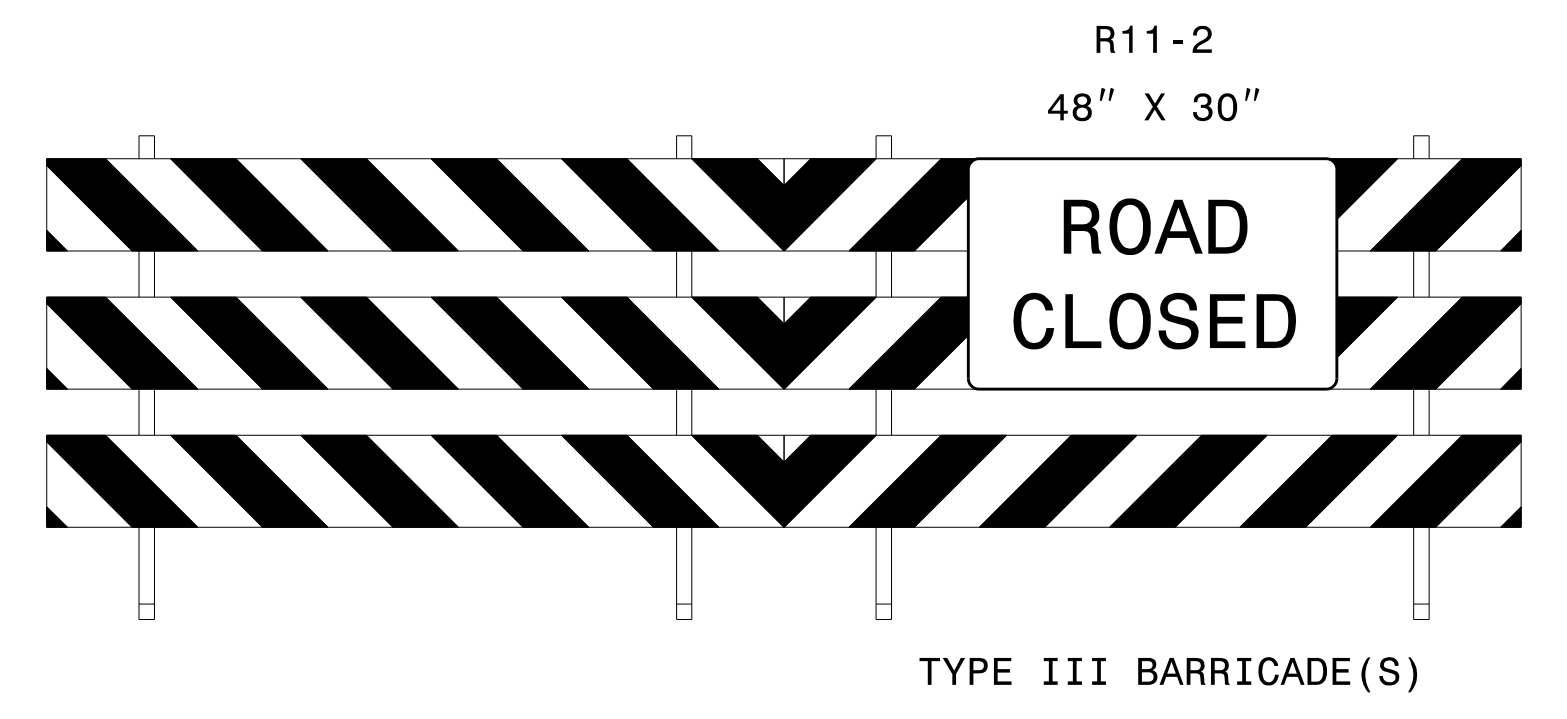
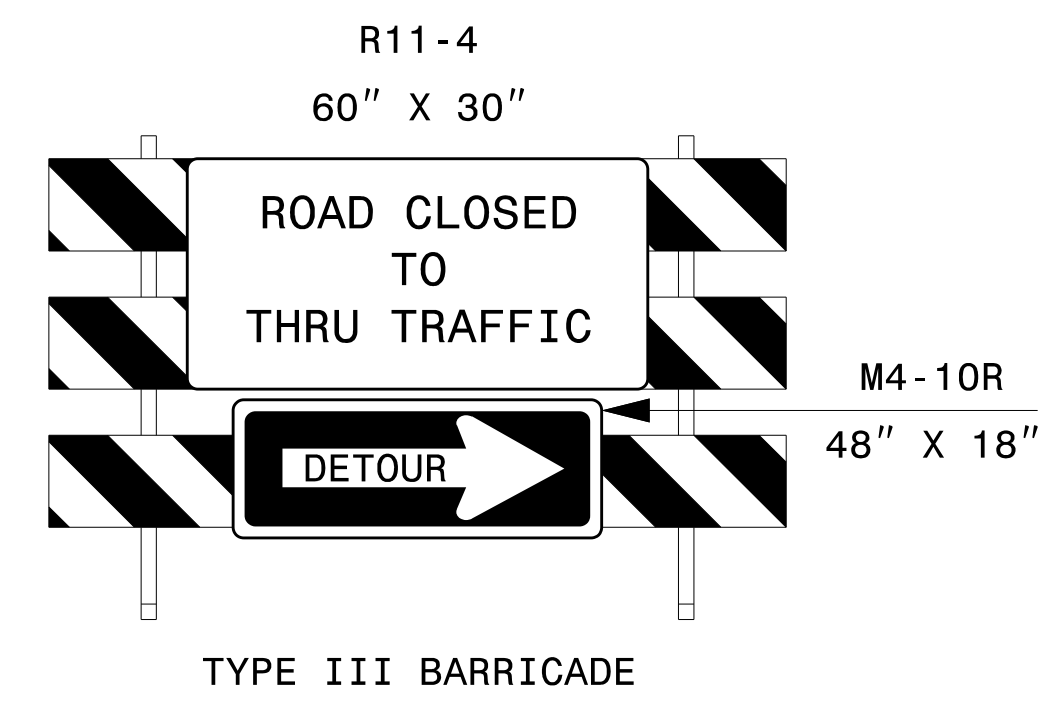
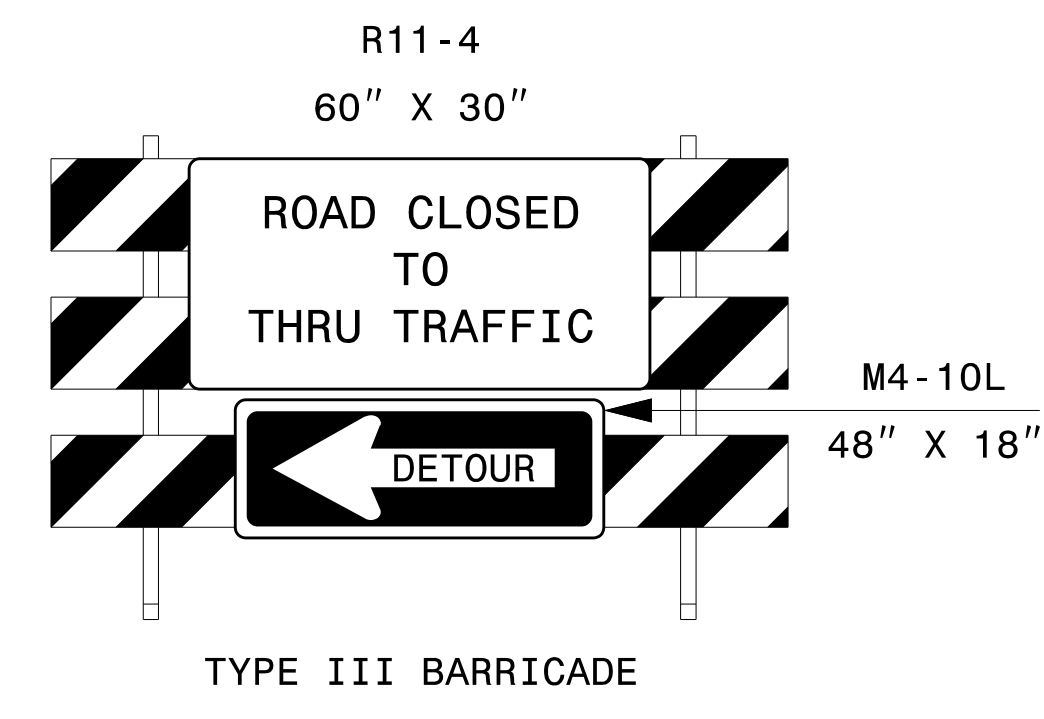
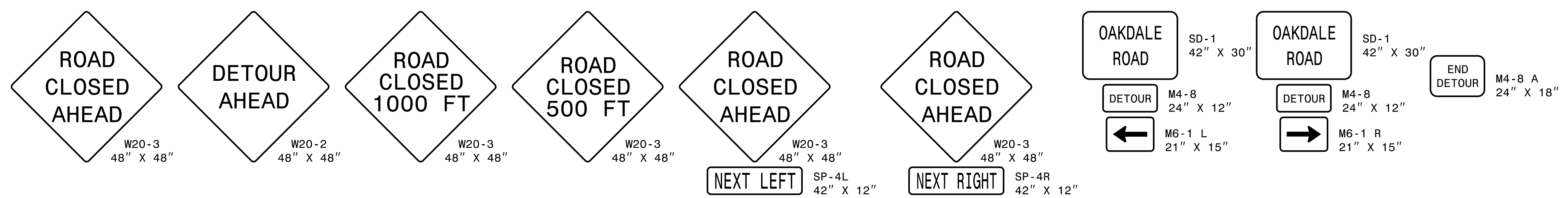
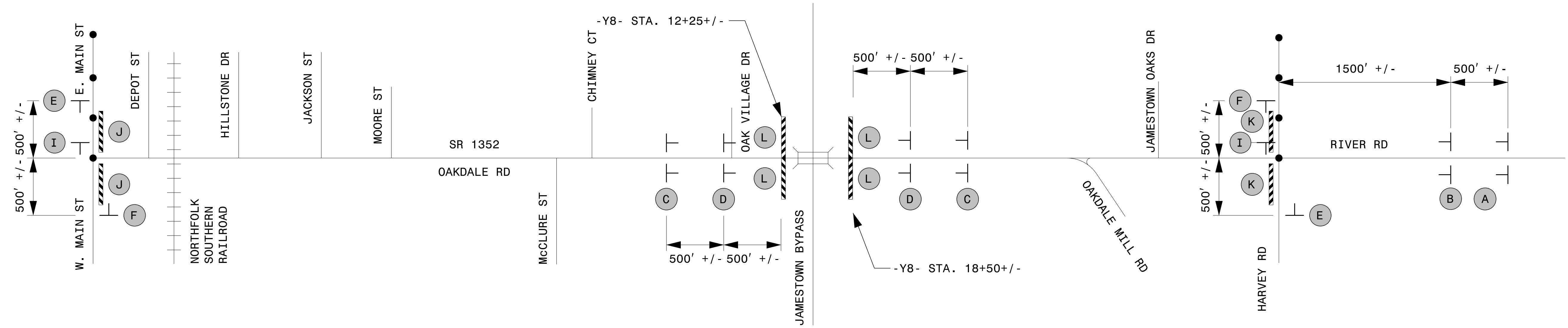
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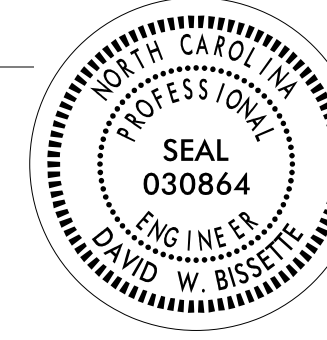

M
 MOTT
 MACDONALD

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 www.mottmacdonald.com
 LICENSE NO. F-2669

**TEMPORARY TRAFFIC CONTROL
 OAKDALE RD DETOUR**



3/30/2018
 \\NCF-DATA\Proj\370153_Central.DDC_2016\Proj\U-2412A\TMP\Tcp\U-2412A_TC_TMP_02A.dgn
 User: b1582185

APPROVED: <i>David W. Bissette</i> DATE: 3/30/2018 SEAL 	PLANS PREPARED FOR THE NCDOT BY: 	TEMPORARY TRAFFIC CONTROL OAKDALE RD DETOUR
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

SIGN NUMBER: SD-1 TYPE: D QUANTITY: SEE PLANS SIGN WIDTH: 3'-6" HEIGHT: 2'-6" TOTAL AREA: 8.8 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 <table border="1"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> MAT'L: 0.080" (2.0 mm) ALUMINUM	SYMBOL	X	Y	WID	HT																																														DESIGN BY: PJJ PROJECT ID: U-2412A CHECKED BY: RWT DIV: DIV 7 DATE: Dec 14, 2017
SYMBOL	X	Y	WID	HT																																																

BORDER
R=1.5"
TH=0.63"
IN=0.47"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

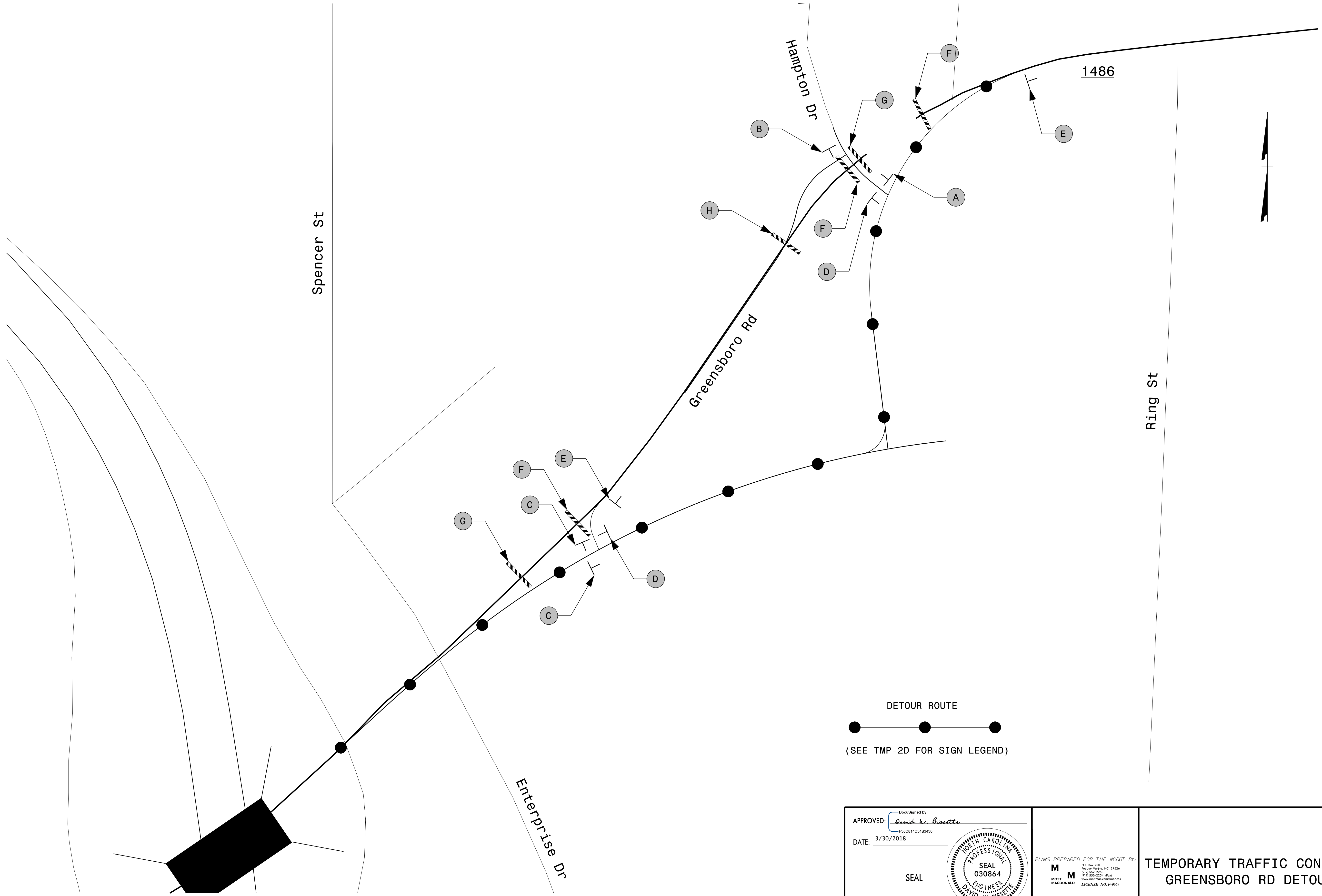
Letter locations are panel edge to lower left corner


Letter	X	Y	Series/Size	Text Length
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A	10.7	17	C 2000	16.6
K	15.4	21.2		
D	19.8	25.9		
A	23.9			
L	28.6			
E	32.5			

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3/30/2018
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 User: b582185

APPROVED: <i>David W. Bisette</i> DATE: 3/30/2018 SEAL		PLANS PREPARED FOR THE NCDOT BY: M MOTT M MACDONALD ENGINEERS LICENSE NO. F-8669	TEMPORARY TRAFFIC CONTROL SPECIAL SIGN DESIGN OAKDALE RD DETOUR
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			

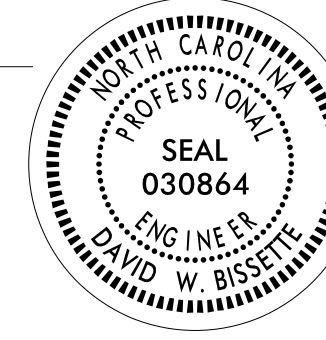


DETOUR ROUTE

 (SEE TMP-2D FOR SIGN LEGEND)

APPROVED: *David W. Bissette*
DocuSigned by: David W. Bissette
 F30C814C54B3430...

DATE: 3/30/2018

SEAL



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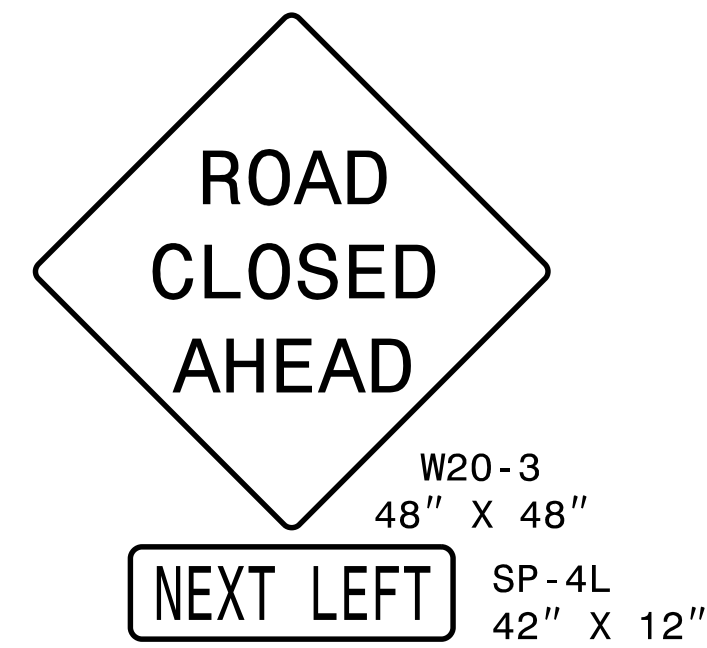
PLANS PREPARED FOR THE NCDOT BY:

M
 MOTT
 MACDONALD

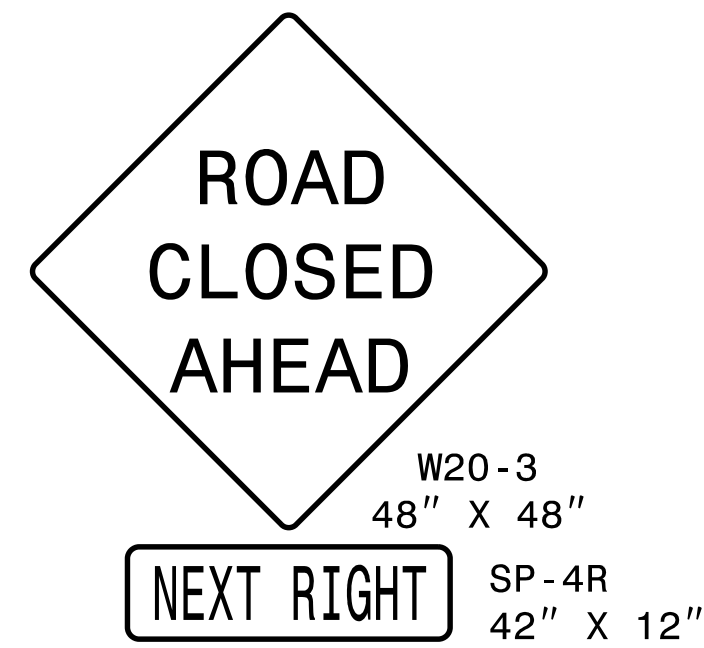
P.O. Box 700
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 LICENSE NO. F-2669

**TEMPORARY TRAFFIC CONTROL
 GREENSBORO RD DETOUR**

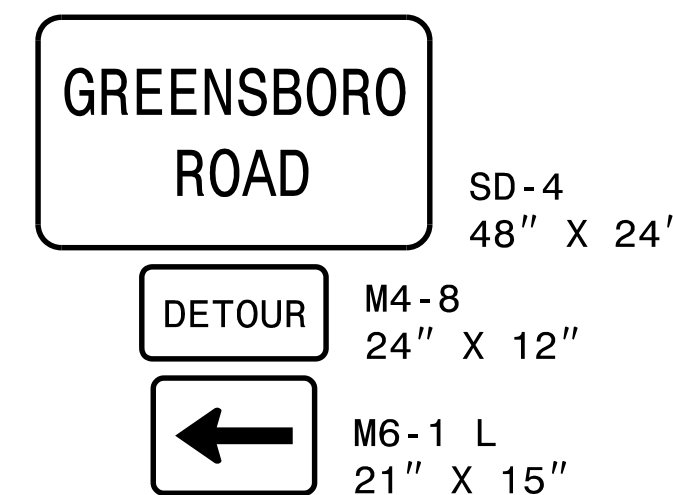
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 User: b1582185



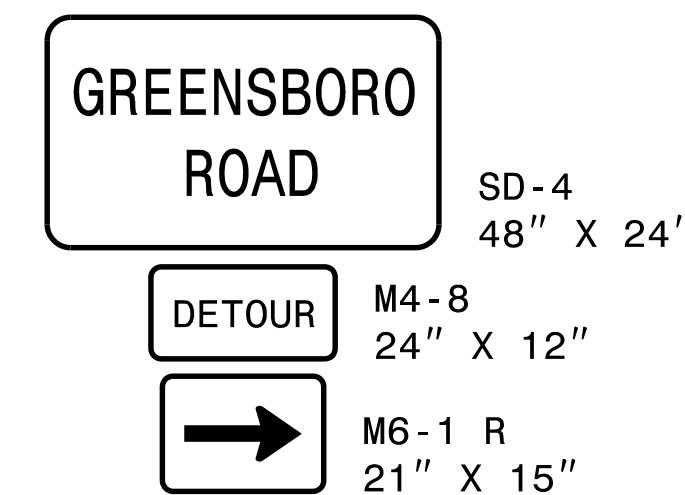
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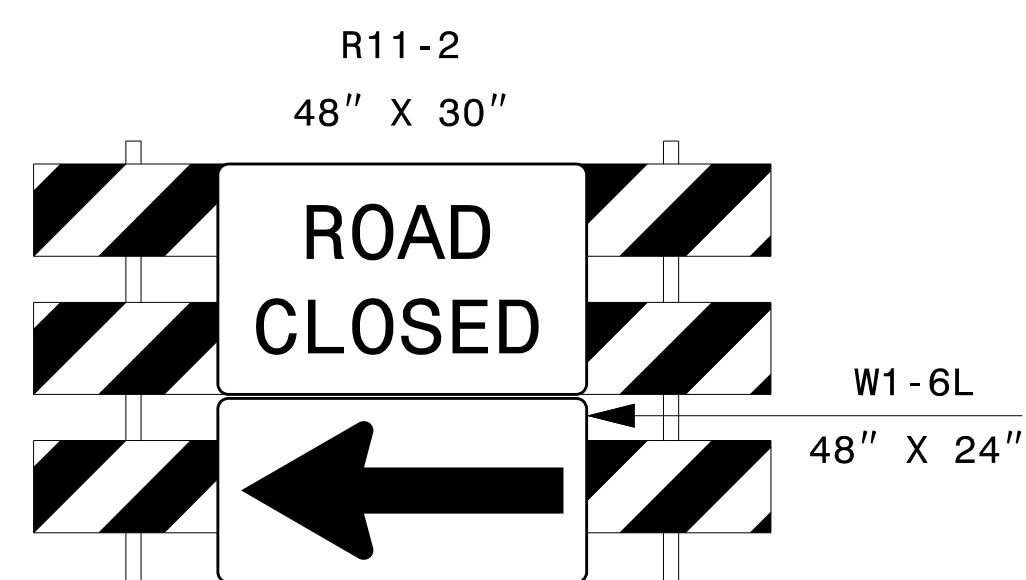
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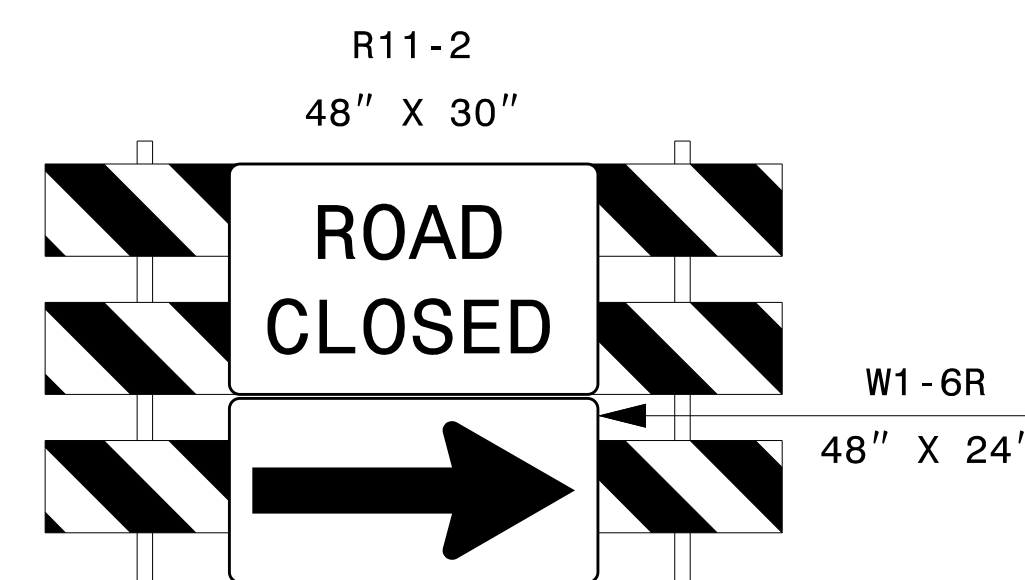
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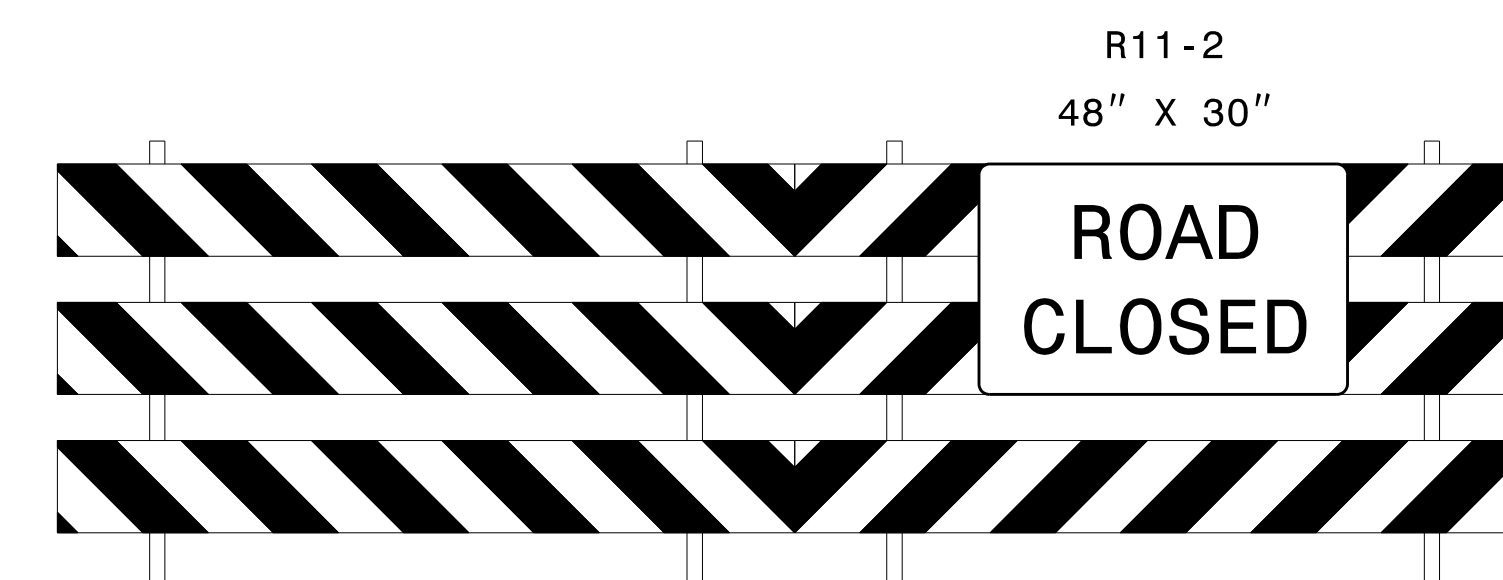
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APPROVED: *David W. Bissette*
F30081405483430

DATE: 3/30/2018

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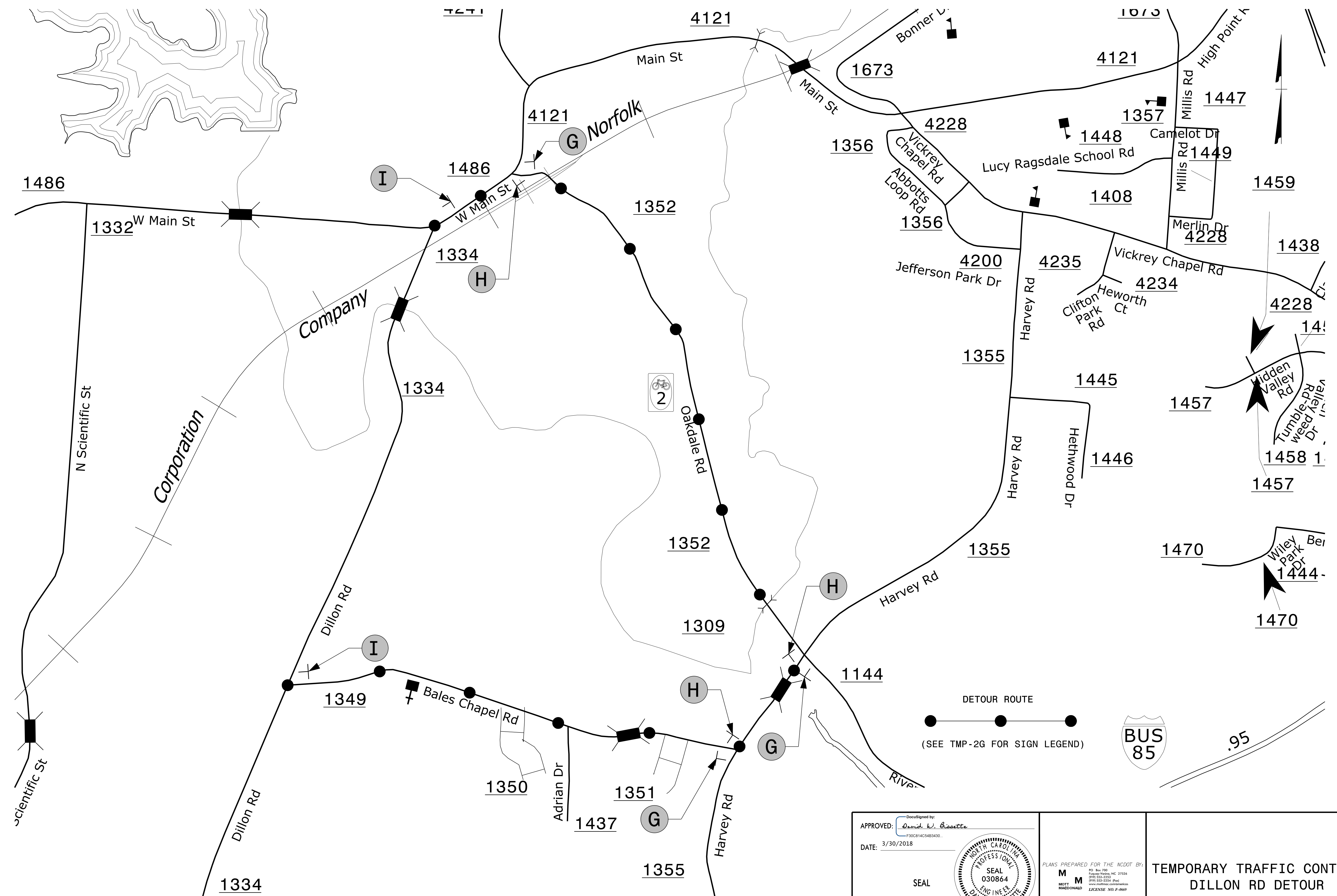
PLANS PREPARED FOR THE NCDOT BY:

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**TEMPORARY TRAFFIC CONTROL
 GREENSBORO RD DETOUR**

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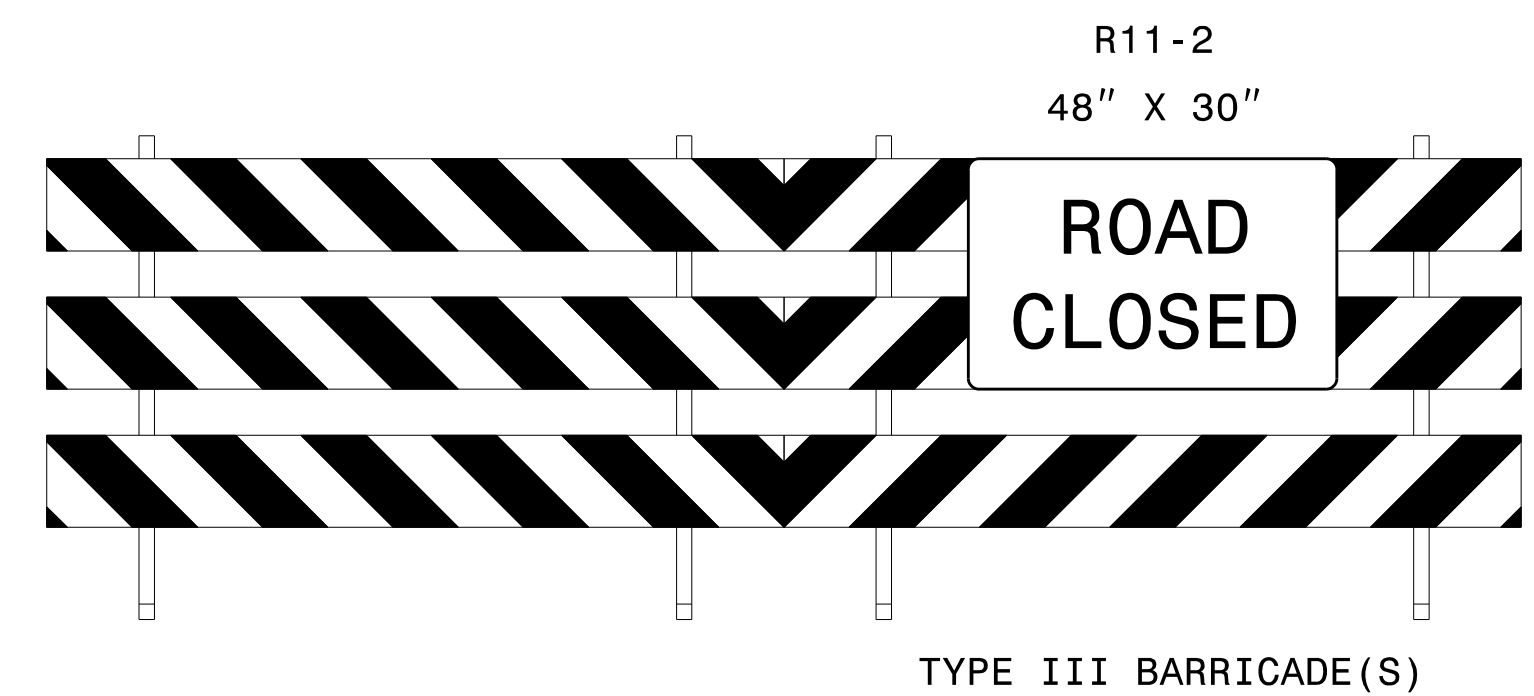
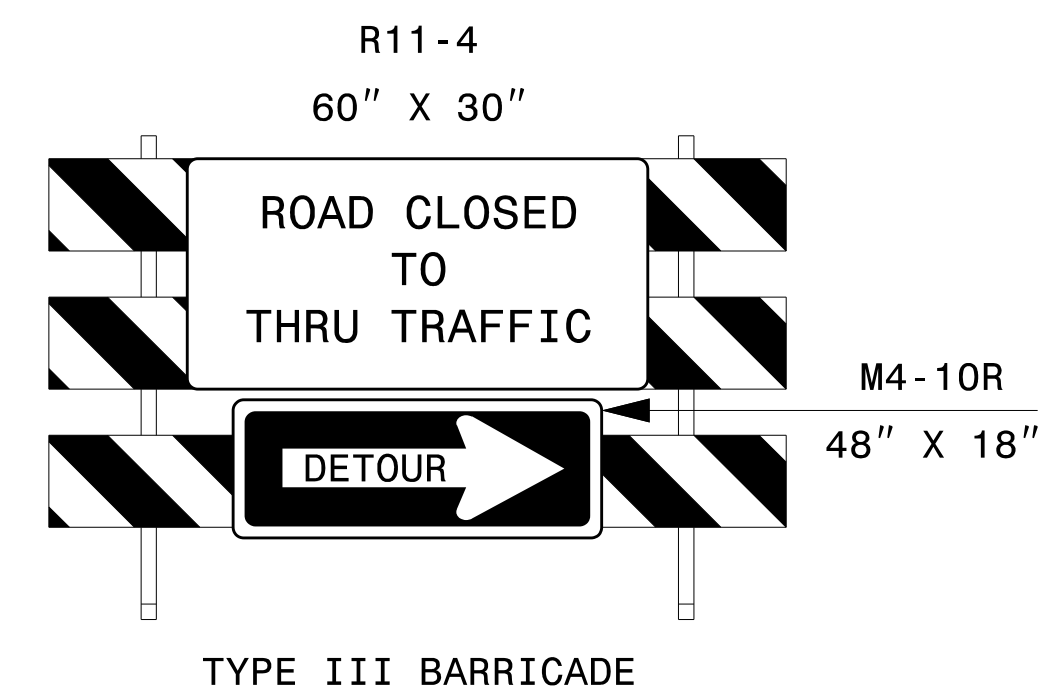
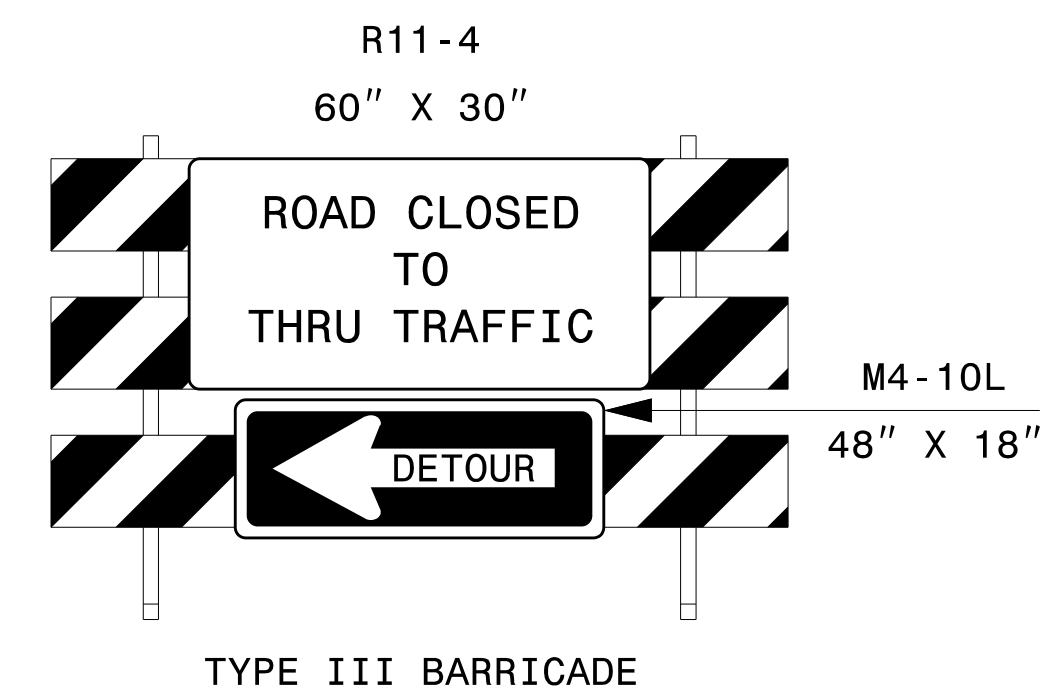
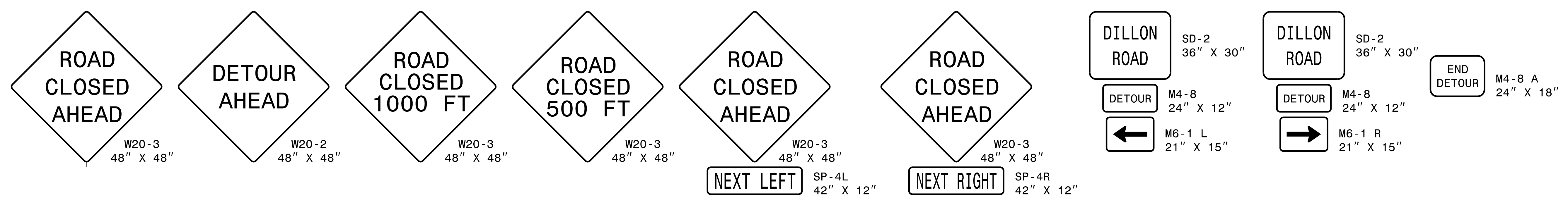
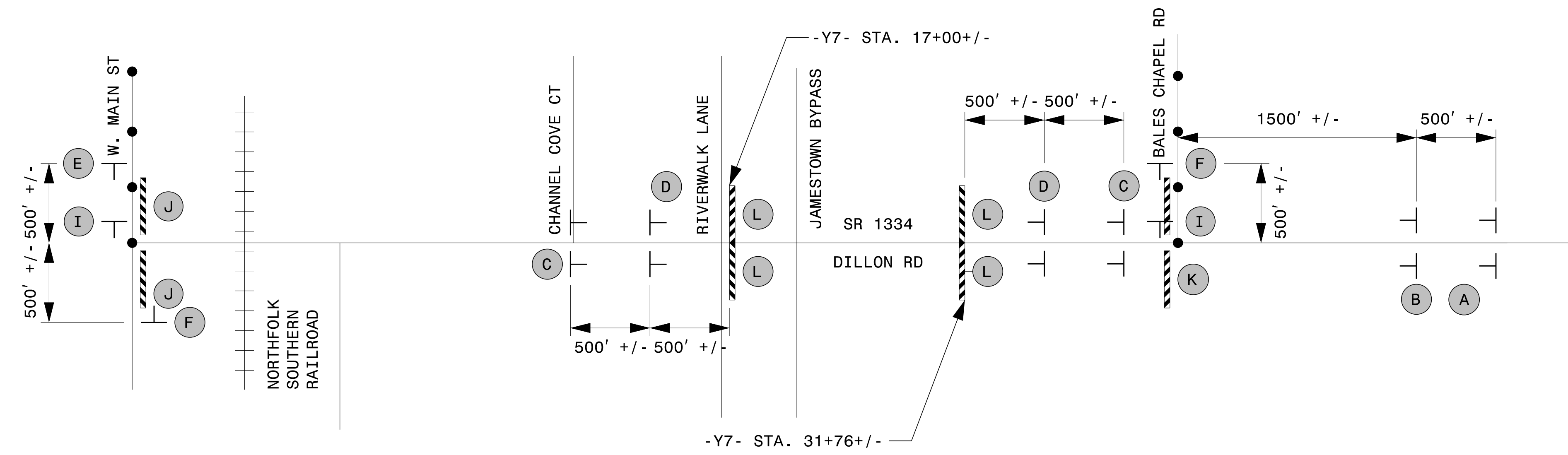
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 User: b1582185

APPROVED: *David W. Bissette*
 DATE: 3/30/2018
 SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 030864
 DAVID W. BISSETTE

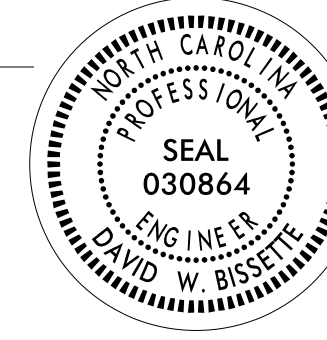

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 MOTT MACDONALD
 LICENSE NO. F-2669

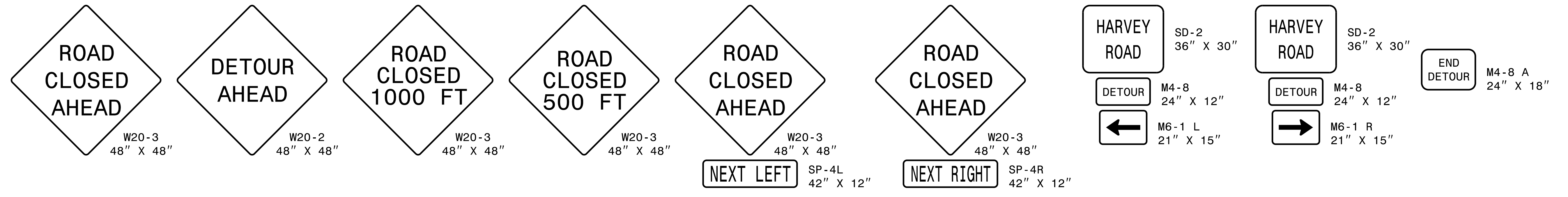
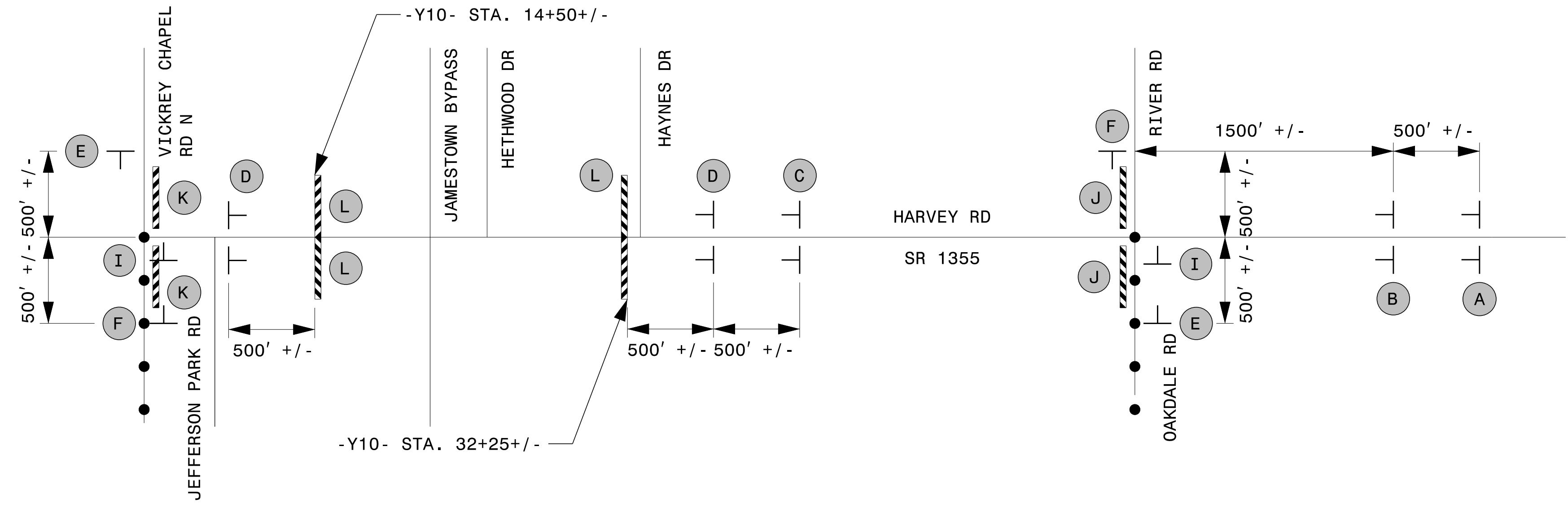
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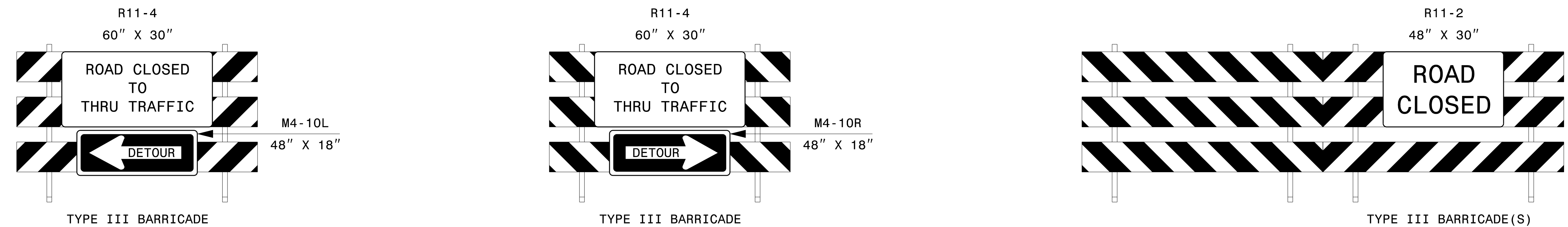


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APPROVED: <i>David W. Bissette</i> DATE: 3/30/2018 SEAL 	PLANS PREPARED FOR THE NCDOT BY: 	TEMPORARY TRAFFIC CONTROL DILLON RD DETOUR
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<p>APPROVED: <i>David W. Bissette</i> DATE: 3/30/2018</p> <p>SEAL</p>	<p>PLANS PREPARED FOR THE NCDOT BY:</p> <p>M MOTT MACDONALD</p> <p>NO. 800-780 Raleigh, NC 27606 (919) 552-2222 (919) 552-2224 (Fax) www.mottmac.com LICENSE NO. F-8669</p>	<p>TEMPORARY TRAFFIC CONTROL HARVEY RD DETOUR</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		

PHASING

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

AREA 1

PHASE I

- STEP 1. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, INSTALL WORK ZONE ADVANCE WARNING SIGNS. (SEE RSD 1101.01 SHEET 3 OF 3)
- STEP 2. USING RSD 1101.02, SHEETS 1, 3, AND 7 OF 14 AS NEEDED, BEGIN INSTALLATION OF THE FOLLOWING:
-PHASE I TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 14+99+/-, -Y1- STATION 16+00+/-, AND -Y2- STATION 10+00+/- (SEE SIGNAL PLANS)
-PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 25+69+/- AND -Y- STATION 10+00+/- (SEE SIGNAL PLANS)
- STEP 3. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, BEGIN CONSTRUCTION OF THE PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEETS TMP-5 THRU TMP-8:
-L- FROM STATION 11+50+/- TO STATION 33+00+/-
-Y- FROM STATION 10+00+/- TO STATION 22+02+/-
-Y2- FROM STATION 10+00+/- TO STATION 13+30+/-
-Y3- FROM STATION 13+65+/- TO STATION 14+30+/-
-Y3- FROM STATION 15+50+/- TO STATION 19+00+/-
-YA- FROM STATION 10+12+/- TO STATION 13+00+/-
SR 1486 GREENSBORO RD TURN AROUND (LT OF -L- STA 20+90)
- STEP 4. USING RSD 1101.02, SHEETS 2 AND 3 OF 14 AS NEEDED, BEGIN CONSTRUCTION OF THE TEMPORARY PAVEMENT SECTIONS IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEETS TMP-5 AND TMP-6:
-L- FROM STATION 19+40+/- TO STATION 19+80+/-
-L- FROM STATION 24+40+/- TO STATION 25+19+/-
- STEP 5. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, CONSTRUCT THE PROPOSED ROADWAY SECTION -SERV- FROM STATION 10+00+/- TO STATION 12+75+/- UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND AS SHOWN ON SHEET TMP-5.
- STEP 6. OPEN -SERV- TO TRAFFIC AND CLOSE THE EXISTING DRIVEWAY TO PARCEL 13 LOCATED AT -L- STATION 19+85+/- AS SHOWN ON SHEET TMP-5.
- STEP 7. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, COMPLETE THE FOLLOWING:

INSTALLATION OF PHASE I TEMPORARY SIGNAL AT THE INTERSECTION OF -L-, -Y1-, AND -Y2- AND ACTIVATE THE SIGNAL. (SEE SIGNAL PLANS)

CONSTRUCTION OF THE PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEETS TMP-5 THRU TMP-8:
-L- FROM STATION 11+50+/- TO STATION 26+50+/-
-Y- FROM STATION 10+00+/- TO STATION 22+02+/-
-Y2- FROM STATION 10+00+/- TO STATION 13+30+/-

CONSTRUCTION OF THE PROPOSED TEMPORARY PAVEMENT IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEETS TMP-5 AND TMP-6:
-L- FROM STATION 19+40+/- TO STATION 19+80+/-
-L- FROM STATION 24+40+/- TO STATION 25+19+/-

- STEP 8. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, WORK CONTINUOUSLY AND COMPLETE THE FOLLOWING:

INSTALL TEMPORARY PAVEMENT MARKINGS IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEETS TMP-15 THRU TMP-17:
-L- FROM STATION 11+50+/- TO STATION 26+50+/-
-Y- FROM STATION 10+00+/- TO STATION 22+02+/-

INSTALL TEMPORARY PAVEMENT MARKINGS IN THE FINAL LOCATIONS ON -Y2- FROM STATION 10+00+/- TO STATION 13+30+/- (SEE PAVEMENT MARKING PLANS)

SHIFT THE PHASE I TEMPORARY SIGNAL HEADS AT THE INTERSECTION OF -L-, -Y1-, AND -Y2- TO THE PHASE II PATTERN. (SEE SIGNAL PLANS)

SHIFT TRAFFIC INTO THE PHASE II PATTERN AS SHOWN ON SHEETS TMP-9 THRU TMP-11.

PHASE II

- STEP 1. USING RSD 1101.03, SHEETS 1 AND 2 OF 9 AND SHEETS TMP-2C THRU TMP-2E, CLOSE -YC- (GREENSBORO RD) TO TRAFFIC AND COMPLETE THE CONSTRUCTION OF -YC- FROM STATION 13+00+/- TO STATION 16+00+/- UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND AS SHOWN ON TMP-11.

PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL LOCATION AND REOPEN -YC- (GREENSBORO RD) TO TRAFFIC AS SHOWN ON TMP-15. (SEE PAVEMENT MARKING PLANS)

- STEP 2. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, COMPLETE CONSTRUCTION OF -YA- FROM STATION 10+12+/- TO STATION 13+00+/- UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND AS SHOWN ON SHEET TMP-11.

- STEP 3. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, COMPLETE THE CONSTRUCTION OF THE PROPOSED SR 1486 GREENSBORO RD TURN AROUND (LT OF -L- STA 20+90) UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND AS SHOWN ON SHEET TMP-9.

- STEP 4. CLOSE THE GREENSBORO RD AT -L- STA. 19+47+/- . REMOVE THE EXISTING PAVEMENT, AND INSTALL GUARDRAIL AND GUARDRAIL END UNITS AS SHOWN ON TMP-13. (SEE ROADWAY PLANS)

PHASE III

- STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, CLOSE -Y3- AT -L- AND PLACE TRAFFIC ON A TEMPORARY TWO LANE, TWO WAY DETOUR ON THE EAST BOUND SIDE OF -L- AS SHOWN ON SHEETS TMP-14 AND TMP-17.

- STEP 2. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, COMPLETE CONSTRUCTION OF THE PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEETS TMP-13 THRU TMP-15:
-L- FROM STATION 11+50+/- TO STATION 20+50+/-
-Y1- FROM STATION 12+05+/- TO STATION 16+00+/-
-Y3- FROM STATION 13+65+/- TO STATION 14+30+/-
-Y3- FROM STATION 15+50+/- TO STATION 19+00+/-
-RPD- FROM STATION 10+00+/- TO STATION 12+75+/-

- STEP 3. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, COMPLETE THE INSTALLATION OF THE FOLLOWING:
-PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 14+99+/-, -Y1- STATION 16+00+/-, AND -Y2- STATION 10+00+/-
-PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 25+69+/- AND -Y- STATION 10+00+/-

KEEP ALL SIGNAL HEADS COVERED OR OPERATE THEM IN FLASH MODE, AS DIRECTED BY THE ENGINEER.

- STEP 4. UPON COMPLETING ALL OTHER AREAS AND UPON APPROVAL BY THE ENGINEER, USING RSD 1101.02 SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED AND WORKING IN A CONTINUOUS MANNER, COMPLETE THE FOLLOWING:

PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL PATTERN IN THE FOLLOWING LOCATIONS: (SEE PAVEMENT MARKING PLANS)
-L- FROM STATION 11+50+/- TO STATION 33+00+/-
-Y- FROM STATION 10+00+/- TO STATION 22+02+/-
-Y1- FROM STATION 12+05+/- TO STATION 16+00+/-
-Y2- FROM STATION 10+00+/- TO STATION 13+30+/-
-Y3- FROM STATION 13+65+/- TO STATION 14+30+/-
-Y3- FROM STATION 15+50+/- TO STATION 19+00+/-
-YA- FROM STATION 10+12+/- TO STATION 13+00+/-
-RPD- FROM STATION 10+00+/- TO STATION 12+75+/-
SR 1486 GREENSBORO RD TURN AROUND (LT OF -L- STA 20+90)

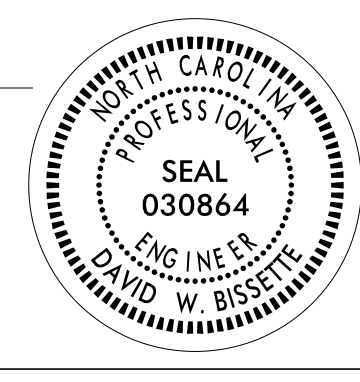
ACTIVATE THE PROPOSED TRAFFIC SIGNALS AT THE FOLLOWING LOCATIONS:

- THE INTERSECTION OF -L- STATION 14+99+/-, -Y1- STATION 16+00+/-, AND -Y2- STATION 10+00+/-
- THE INTERSECTION OF -L- STATION 25+69+/- AND -Y- STATION 10+00+/-

REMOVE ALL DRUMS AND BARRICADES CLOSING -L- AND OPEN ALL ROADWAYS TO THE FINAL TRAFFIC PATTERN.

- STEP 5. USING RSD 1101.02 SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED PLACE THE FINAL LAYER OF SURFACE COURSE AND THE FINAL PAVEMENT MARKINGS IN THE FOLLOWING LOCATIONS: (SEE PAVEMENT MARKING PLANS)
-L- FROM STATION 11+50+/- TO STATION 33+00+/-
-Y- FROM STATION 10+00+/- TO STATION 22+02+/-
-Y1- FROM STATION 12+05+/- TO STATION 16+00+/-
-Y2- FROM STATION 10+00+/- TO STATION 13+30+/-
-Y3- FROM STATION 13+65+/- TO STATION 14+30+/-
-Y3- FROM STATION 15+50+/- TO STATION 19+00+/-
-YA- FROM STATION 10+12+/- TO STATION 13+00+/-
-RPD- FROM STATION 10+00+/- TO STATION 12+75+/-
SR 1486 GREENSBORO RD TURN AROUND (LT OF -L- STA 20+90)
- STEP 6. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

3/30/2018
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User: b1582185

<p>APPROVED: <i>David W. Bissette</i> F30C814C54B3430</p> <p>DATE: 3/30/2018</p> <p style="text-align: center;">SEAL</p>	<p style="text-align: center;">SEAL</p> 	<p style="font-size: small;">PLANS PREPARED FOR THE NCDOT BY:</p> <p style="text-align: center;">M M MOTT MACDONALD LICENSE NO. F-8669</p>
<p>TEMPORARY TRAFFIC CONTROL PHASING</p>		
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		

AREA 2

- STEP 1. WORKING AWAY FROM TRAFFIC, CONSTRUCT THE FOLLOWING PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE:
 -L- FROM STATION 33+00+/- TO STATION 58+00+/-
 -L- FROM STATION 60+00+/- TO STATION 78+00+/-
 -L- FROM STATION 80+00+/- TO STATION 111+00+/-
 -L- FROM STATION 114+00+/- TO STATION 146+00+/-
 -L- FROM STATION 149+00+/- TO STATION 180+00+/-
 -L- FROM STATION 183+00+/- TO STATION 207+00+/-
- STEP 2. WORKING AWAY FROM TRAFFIC, PLACE THE FINAL LAYER OF SURFACE COURSE AND THE FINAL PAVEMENT MARKINGS:
 -L- LEFT FROM OF STATION 33+00+/- TO STATION 58+00+/-
 (NOTE: CONTINUE TO MAINTAIN ACCESS TO -Y3- IN THE EAST BOUND LANES USING REMOVABLE TAPE.)
 -L- FROM STATION 60+00+/- TO STATION 78+00+/-
 -L- FROM STATION 80+00+/- TO STATION 111+00+/-
 -L- FROM STATION 114+00+/- TO STATION 146+00+/-
 -L- FROM STATION 149+00+/- TO STATION 180+00+/-
 -L- FROM STATION 183+00+/- TO STATION 207+00+/-
- STEP 3. UPON APPROVAL BY THE ENGINEER, OPEN ALL ROADWAYS TO THE FINAL TRAFFIC PATTERN.
- STEP 4. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

AREA 3

- PHASE I
- STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, INSTALL WORK ZONE ADVANCE WARNING SIGNS. (SEE RSD 1101.01 SHEET 3 OF 3)
- STEP 2. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, BEGIN CONSTRUCTION OF THE PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEET TMP-16:
 -L- FROM STATION 58+00+/- TO STATION 60+00+/-
 -Y4- FROM STATION 10+00+/- TO STATION 24+00+/-
- STEP 3. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, BEGIN INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 58+97+/- AND -Y4- STATION 17+50+/- . (SEE SIGNAL PLANS)
- STEP 4. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, CLOSE -Y4A- (ORVILLE ROAD) AT STATION 10+65+/- AS SHOWN ON TMP-9. REMOVE THE EXISTING PAVEMENT AND INSTALL THE PROPOSED GUARDRAIL AND GUARDRAIL END UNITS. (SEE ROADWAY PLANS)
- PHASE II
- STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, COMPLETE THE FOLLOWING:
 - CONSTRUCTION OF THE PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEET TMP-17:
 -L- FROM STATION 58+00+/- TO STATION 60+00+/-
 (NOTE: MAINTAIN -Y3- ACCESS IN THE EAST BOUND LANES.)
 -Y4- FROM STATION 10+00+/- TO STATION 24+00+/-
 - PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL LOCATION ON -Y4- FROM STATION 10+00+/- TO STATION 24+00+/- . (SEE PAVEMENT MARKING PLANS)
 CLOSE THE PROPSED TURNING LANES ON -Y4- WITH DRUMS AS SHOWN ON SHEET TMP-17.

- COMPLETE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 58+97+/- AND -Y4- STATION 17+50+/- . (SEE SIGNAL PLANS)

KEEP ALL SIGNAL HEADS COVERED OR OPERATE THEM IN FLASH MODE, AS DIRECTED BY THE ENGINEER.

PHASE III

- STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, PLACE THE FINAL LAYER OF SURFACE COURSE AND THE FINAL PAVEMENT MARKINGS IN THE FOLLOWING LOCATIONS:
 -L- FROM STATION 58+00+/- TO STATION 60+00+/-
 (NOTE: MAINTAIN -Y3- ACCESS IN THE EAST BOUND LANES.)
 -Y4- FROM STATION 10+00+/- TO STATION 24+00+/-
 KEEP THE PROPSED TURNING LANES ON -Y4- CLOSED WITH DRUMS AS SHOWN ON SHEET TMP-17.
- STEP 2. UPON APPROVAL BY THE ENGINEER, ACTIVATE THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 58+97+/- AND -Y4- STATION 17+50+/- , REMOVE ALL DRUMS AND BARRICADES CLOSING -L- AND THE -Y4- TURNING LANES, AND OPEN ALL ROADWAYS TO THE FINAL TRAFFIC PATTERN.
- STEP 3. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

AREA 4

PHASE I

- STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, INSTALL WORK ZONE ADVANCE WARNING SIGNS. (SEE RSD 1101.01 SHEET 3 OF 3)
- STEP 2. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, BEGIN CONSTRUCTION OF THE FOLLOWING PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND AS SHOWN ON SHEET TMP-18:
 -L- FROM STATION 78+00+/- TO STATION 80+00+/-
 -Y5- FROM STATION 10+00+/- TO STATION 26+00+/-
 -Y5A- FROM STATION 10+00+/- TO STATION 11+50+/-
 -Y5B- FROM STATION 10+00+/- TO STATION 13+00+/-
- STEP 3. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, BEGIN INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 78+90+/- AND -Y5- STATION 18+73+/- . (SEE SIGNAL PLANS)

PHASE II

- STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, COMPLETE THE FOLLOWING:
 - CONSTRUCTION OF THE PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEET TMP-19:
 -L- FROM STATION 78+00+/- TO STATION 80+00+/-
 -Y5- FROM STATION 10+00+/- TO STATION 26+00+/-
 -Y5A- FROM STATION 10+00+/- TO STATION 11+50+/-
 -Y5B- FROM STATION 10+00+/- TO STATION 13+00+/-

- PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL LOCATION ON THE FOLLOWING PROPOSED ROADWAY SECTIONS: (SEE PAVEMENT MARKING PLANS)
 -Y5- FROM STATION 10+00+/- TO STATION 26+00+/-
 -Y5A- FROM STATION 10+00+/- TO STATION 11+50+/-
 -Y5B- FROM STATION 10+00+/- TO STATION 13+00+/-

CLOSE THE PROPOSED TURNING LANES ON -Y5- WITH DRUMS AS SHOWN ON SHEET TMP-19.

- COMPLETE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 78+90+/- AND -Y5- STATION 18+73+/- . (SEE SIGNAL PLANS)

KEEP ALL FINAL SIGNAL HEADS COVERED OR OPERATE THEM IN FLASH MODE, AS DIRECTED BY THE ENGINEER.

PHASE III

- STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, PLACE THE FINAL LAYER OF SURFACE COURSE AND THE FINAL PAVEMENT MARKINGS IN THE FOLLOWING LOCATIONS:
 -L- FROM STATION 78+00+/- TO STATION 80+00+/-
 -Y5- FROM STATION 10+00+/- TO STATION 26+00+/-
 -Y5A- FROM STATION 10+00+/- TO STATION 11+50+/-
 -Y5B- FROM STATION 10+00+/- TO STATION 13+00+/-
 KEEP THE PROPSED TURNING LANES ON -Y5- CLOSED WITH DRUMS AS SHOWN ON SHEET TMP-19.

- STEP 2. UPON APPROVAL BY THE ENGINEER, ACTIVATE THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 78+90+/- AND -Y5- STATION 18+73+/- , REMOVE ALL DRUMS AND BARRICADES CLOSING -L- AND THE -Y5- TURNING LANES, AND OPEN ALL ROADWAYS TO THE FINAL TRAFFIC PATTERN.


- STEP 3. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

AREA 5

PHASE I

- STEP 1. USING RSD 1101.02, SHEET 1, 2, 3, and 7 OF 14 AS NEEDED, INSTALL WORK ZONE ADVANCE WARNING SIGNS. (SEE RSD 1101.01 SHEET 3 OF 3)
- STEP 2. USING RSD 1101.02, SHEET 1, 2, 3, and 7 OF 14 AS NEEDED, BEGIN CONSTRUCTION OF THE FOLLOWING PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND AS SHOWN ON SHEET TMP-20:
 -L- FROM STATION 111+00+/- TO STATION 114+00+/-
 -Y7- FROM STATION 16+50+/- TO STATION 32+60+/-
- STEP 3. USING RSD 1101.02, SHEET 1, 2, 3, and 7 OF 14 AS NEEDED, BEGIN INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 112+33+/- AND -Y7- STATION 21+15+/- . (SEE SIGNAL PLANS)
- STEP 4. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED CLOSE MISTY WATERS LANE AS SHOWN ON TMP-20. REMOVE THE EXISTING PAVEMENT FOR CONSTRUCTION OF -L- SLOPE. (SEE ROADWAY PLANS)

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PHASE II

INTERMEDIATE CONTRACT TIME

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF AREA 5 PHASE II STEP 1 BETWEEN THE HOURS OF FRIDAY AT 7:00 P.M. AND THE FOLLOWING MONDAY AT 6:00 A.M. THE CONTRACTOR SHALL NOT CLOSE TWO OR MORE OF THE FOLLOWING ROADS; SR-1352 (OAKDALE RD), SR-1334 (DILLON RD), OR SR-1355 (HARVEY RD) CONCURRENTLY.

STEP 1. USING RSD 1101.03, SHEETS 1 AND 2 OF 9 AND SHEETS TMP-2F THRU TMP-2H, CLOSE -Y7- (DILLON RD) TO TRAFFIC AND COMPLETE THE CONSTRUCTION OF -Y7- FROM STATION 21+00+/- TO STATION 30+00+/- UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE.

PLACE TEMPORARY PAVEMENT MARKINGS IN THE EXISTING LOCATION AND REOPEN -Y7- (DILLON RD) TO TRAFFIC.

STEP 2. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, COMPLETE THE FOLLOWING:

- CONSTRUCTION OF THE PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEET TMP-21:
-L- FROM STATION 111+00+/- TO STATION 114+00+/-
-Y7- FROM STATION 16+50+/- TO STATION 32+60+/-

- PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL LOCATION ON -Y7- FROM STATION 16+50+/- TO STATION 32+60+/- . (SEE PAVEMENT MARKING PLANS)

CLOSE THE PROPOSED TURNING LANES ON -Y7- WITH DRUMS AS SHOWN ON SHEET TMP-21.

- COMPLETE THE INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 112+33+/- AND -Y7- STATION 21+15+/- . (SEE SIGNAL PLANS)

KEEP ALL FINAL SIGNAL HEADS COVERED OR OPERATE THEM IN FLASH MODE, AS DIRECTED BY THE ENGINEER.

PHASE III

STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, PLACE THE FINAL LAYER OF SURFACE COURSE AND THE FINAL PAVEMENT MARKINGS IN THE FOLLOWING LOCATIONS:
-L- FROM STATION 111+00+/- TO STATION 114+00+/-
-Y7- FROM STATION 16+50+/- TO STATION 32+60+/-

KEEP THE PROPOSED TURNING LANES ON -Y7- CLOSED WITH DRUMS AS SHOWN ON SHEET TMP-21.

STEP 2. UPON APPROVAL BY THE ENGINEER, ACTIVATE THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 112+33+/- AND -Y7- STATION 21+15+/- , REMOVE ALL DRUMS AND BARRICADES CLOSING -L- AND THE -Y7- TURNING LANES, AND OPEN ALL ROADWAYS TO THE FINAL TRAFFIC PATTERN.

STEP 3. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

AREA 6

STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, INSTALL WORK ZONE ADVANCE WARNING SIGNS. (SEE RSD 1101.01 SHEET 3 OF 3)

STEP 2. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, BEGIN CONSTRUCTION OF THE FOLLOWING PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND AS SHOWN ON SHEET TMP-22:
-L- FROM STATION 146+00+/- TO STATION 149+00+/-
-Y8- FROM STATION 12+25+/- TO STATION 13+73+/-
-Y8- FROM STATION 16+14+/- TO STATION 17+10+/-

INTERMEDIATE CONTRACT TIME

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF AREA 6 STEPS 3 THRU 7 IN TWO HUNDRED SEVENTY (270) CONSECUTIVE CALENDAR DAYS. THE CONTRACTOR SHALL NOT CLOSE TWO OR MORE OF THE FOLLOWING ROADS; SR-1352 (OAKDALE RD), SR-1334 (DILLON RD), OR SR-1355 (HARVEY RD) CONCURRENTLY.

STEP 3. USING RSD 1101.03, SHEET 1 OF 9 AND SHEETS TMP-2 THRU TMP-2B CLOSE -Y8- (OAKDALE RD) TO TRAFFIC FROM STATION 12+25+/- TO STATION 17+10+/- .

STEP 4. WORKING AWAY FROM TRAFFIC CONSTRUCT THE FOLLOWING:
- PROPOSED -Y8- STRUCTURE FROM STATION 13+91+/- TO STATION 16+00+/-
- PROPOSED -Y8- ROADWAY SECTIONS FROM STATION 12+25+/- TO STATION 13+91+/- AND FROM STATION 16+00+/- TO STATION 17+70+/-

STEP 5. WORKING AWAY FROM TRAFFIC PLACE THE FINAL LAYER OF SURFACE COURSE ON -Y8- FROM STATION STATION 12+25+/- TO STATION 13+91+/- AND FROM STATION 16+00+/- TO STATION 17+70+/- .

STEP 6. WORKING AWAY FROM TRAFFIC PLACE THE FINAL PAVEMENT MARKINGS AND PAVEMENT MARKERS ON -Y8- FROM STATION STATION 12+25+/- TO STATION 17+10+/- . (SEE PAVEMENT MARKING PLANS)

STEP 7. OPEN -Y8- (OAKDALE RD) TO TRAFFIC AND REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

AREA 7

PHASE I

STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, INSTALL WORK ZONE ADVANCE WARNING SIGNS. (SEE RSD 1101.01 SHEET 3 OF 3)

STEP 2. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, BEGIN CONSTRUCTION OF THE FOLLOWING PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND AS SHOWN ON SHEET TMP-23:
-L- FROM STATION 180+00+/- TO STATION 183+00+/-
-Y10- FROM STATION 14+65+/- TO STATION 32+00+/-
-Y10B- FROM STATION 10+00+/- TO STATION 12+65+/-

STEP 3. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, BEGIN INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 181+66+/- AND -Y10- STATION 21+32+/- . (SEE SIGNAL PLANS)

PHASE II

INTERMEDIATE CONTRACT TIME

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF AREA 7 PHASE II STEP 1 BETWEEN FOUR (4) DAYS AFTER THE OFFICIAL LAST DAY OF JAMESTOWN MIDDLE SCHOOL AND ONE (1) WEEK BEFORE THE OFFICIAL FIRST DAY OF JAMESTOWN MIDDLE SCHOOL. THE CONTRACTOR SHALL NOT CLOSE TWO OR MORE OF THE FOLLOWING ROADS; SR-1352 (OAKDALE RD), SR-1334 (DILLON RD), OR SR-1355 (HARVEY RD) CONCURRENTLY.

STEP 1. USING RSD 1101.03, SHEET 1 OF 9 AND SHEETS TMP-2I THRU TMP-2K, CLOSE -Y10- (HARVEY RD) TO TRAFFIC AND COMPLETE THE FOLLOWING:

- CONSTRUCTION OF THE PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEET TMP-24:
-Y10- FROM STATION 14+65+/- TO STATION 32+00+/-
-Y10B- FROM STATION 10+00+/- TO STATION 12+50+/-

- PLACE TEMPORARY PAVEMENT MARKINGS IN THE FINAL LOCATION ON THE FOLLOWING PROPOSED ROADWAY SECTIONS: (SEE PAVEMENT MARKING PLANS)
-Y10- FROM STATION 14+65+/- TO STATION 32+00+/-
-Y10B- FROM STATION 10+00+/- TO STATION 12+50+/-

CLOSE THE PROPOSED TURNING LANES ON -Y10- WITH DRUMS AS SHOWN ON TMP-24.

- REOPEN -Y10- (HARVEY RD) TO TRAFFIC.

STEP 2. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, COMPLETE THE FOLLOWING:

- CONSTRUCTION OF -L- FROM STATION 180+00+/- TO STATION 183+00+/- UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE IN THE FOLLOWING LOCATIONS AND AS SHOWN ON SHEET TMP-24.

- INSTALLATION OF THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 181+66+/- AND -Y10- STATION 21+32+/- . (SEE SIGNAL PLANS)

KEEP THE PROPOSED TURNING LANES ON -Y10- CLOSED WITH DRUMS AS SHOWN ON SHEET TMP-21.

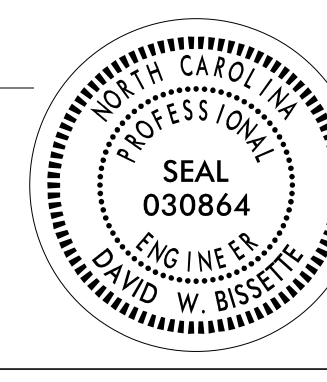
KEEP ALL FINAL SIGNAL HEADS COVERED OR OPERATE THEM IN FLASH MODE, AS DIRECTED BY THE ENGINEER.

PHASE III

STEP 1. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, PLACE THE FINAL LAYER OF SURFACE COURSE AND THE FINAL PAVEMENT MARKINGS IN THE FOLLOWING LOCATIONS:
-L- FROM STATION 180+00+/- TO STATION 183+00+/-
-Y10- FROM STATION 14+65+/- TO STATION 32+00+/-
-Y10B- FROM STATION 10+00+/- TO STATION 12+50+/-

KEEP THE PROPOSED TURNING LANES ON -Y10- CLOSED WITH DRUMS AS SHOWN ON SHEET TMP-22.

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<p>APPROVED: <i>David W. Bissette</i> F30C814C54B3430</p> <p>DATE: 3/30/2018</p> <p>SEAL</p> 	<p>PLANS PREPARED FOR THE NCDOT BY:</p> <p>M MOTT MACDONALD</p> <p>FOR THE NCDOT BY: R.D. 780 Fayetteville, NC 27526 919-552-2221 919-552-2254 (Fax) www.mottmac.com LICENSE NO. F-8669</p>	<p>TEMPORARY TRAFFIC CONTROL PHASING</p>
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STEP 2. UPON APPROVAL BY THE ENGINEER, ACTIVATE THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 181+66+/- AND -Y10- STATION 21+32+/-, REMOVE ALL DRUMS AND BARRICADES CLOSING -L- AND THE -Y7- TURNING LANES, AND OPEN ALL ROADWAYS TO THE FINAL TRAFFIC PATTERN.

STEP 3. USING RSD 1101.02, SHEET 1 OF 14 AS NEEDED, REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

AREA 8

STEP 1. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, INSTALL WORK ZONE ADVANCE WARNING SIGNS. (SEE RSD 1101.01, SHEET 3 OF 3)

STEP 2. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, COMPLETE THE FOLLOWING:

INSTALLATION OF THE PROPOSED TEMPORARY TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 208+98+/- AND -Y11- STATION 18+17+/- . (SEE SIGNAL PLANS)

CONSTRUCTION OF THE FOLLOWING PROPOSED ROADWAY SECTIONS UP TO, BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AND AS SHOWN ON SHEET TMP-25:

-L- FROM STATION 207+00+/- TO STATION 214+47+/-
 -Y11- FROM STATION 19+33+/- TO STATION 23+20+/-

KEEP THE PROPOSED TURNING LANES ON -L- AND -Y11- CLOSED WITH DRUMS AS SHOWN ON SHEET TMP-25.

STEP 3. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, COMPLETE THE INSTALLATION OF THE PROPOSED FINAL TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 208+98+/- AND -Y11- STATION 18+17+/- . COVER ALL FINAL TRAFFIC SIGNAL HEADS. (SEE SIGNAL PLANS)

STEP 4. UPON APPROVAL BY THE ENGINEER AND USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, COMPLETE THE FOLLOWING IN A CONTINUOUS OPERATION:

PLACE THE FINAL LAYER OF SURFACE COURSE, THE FINAL PAVEMENT MARKINGS, AND THE FINAL PAVEMENT MARKERS IN THE FOLLOWING LOCATIONS:

-L- FROM STATION 207+00+/- TO STATION 214+47+/-
 -Y11- FROM STATION 19+33+/- TO STATION 23+20+/-

ACTIVATE THE PROPOSED TRAFFIC SIGNAL AT THE INTERSECTION OF -L- STATION 208+98+/- AND -Y11- STATION 18+17+/- .

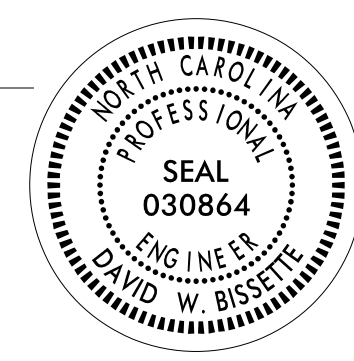
REMOVE ALL DRUMS AND BARRICADES CLOSING -L-, AND OPEN ALL ROADWAYS TO THE FINAL TRAFFIC PATTERN.

STEP 5. USING RSD 1101.02, SHEETS 1, 2, 3, AND 7 OF 14 AS NEEDED, REMOVE ALL WORK ZONE TRAFFIC CONTROL DEVICES.

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APPROVED: *David W. Bissette*
 DATE: 3/30/2018

SEAL



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**TEMPORARY TRAFFIC CONTROL
 PHASING**

AREA 3
 -L- STA 58+00 +/- TO STA 60+00 +/-
 -Y4- STA 10+00 +/- TO STA 24+00 +/-
 (SEE SHEETS TMP-16 AND TMP-17)

AREA 5
 -L- STA 111+00 +/- TO STA 114+00 +/-
 -Y7- STA 16+50 +/- TO STA 31+75 +/-
 (SEE SHEETS TMP-20 AND TMP-21)

AREA 1
 -L- STA 11+50 +/- TO STA 33+00 +/-
 (SEE SHEETS TMP-5 THRU TMP-15)

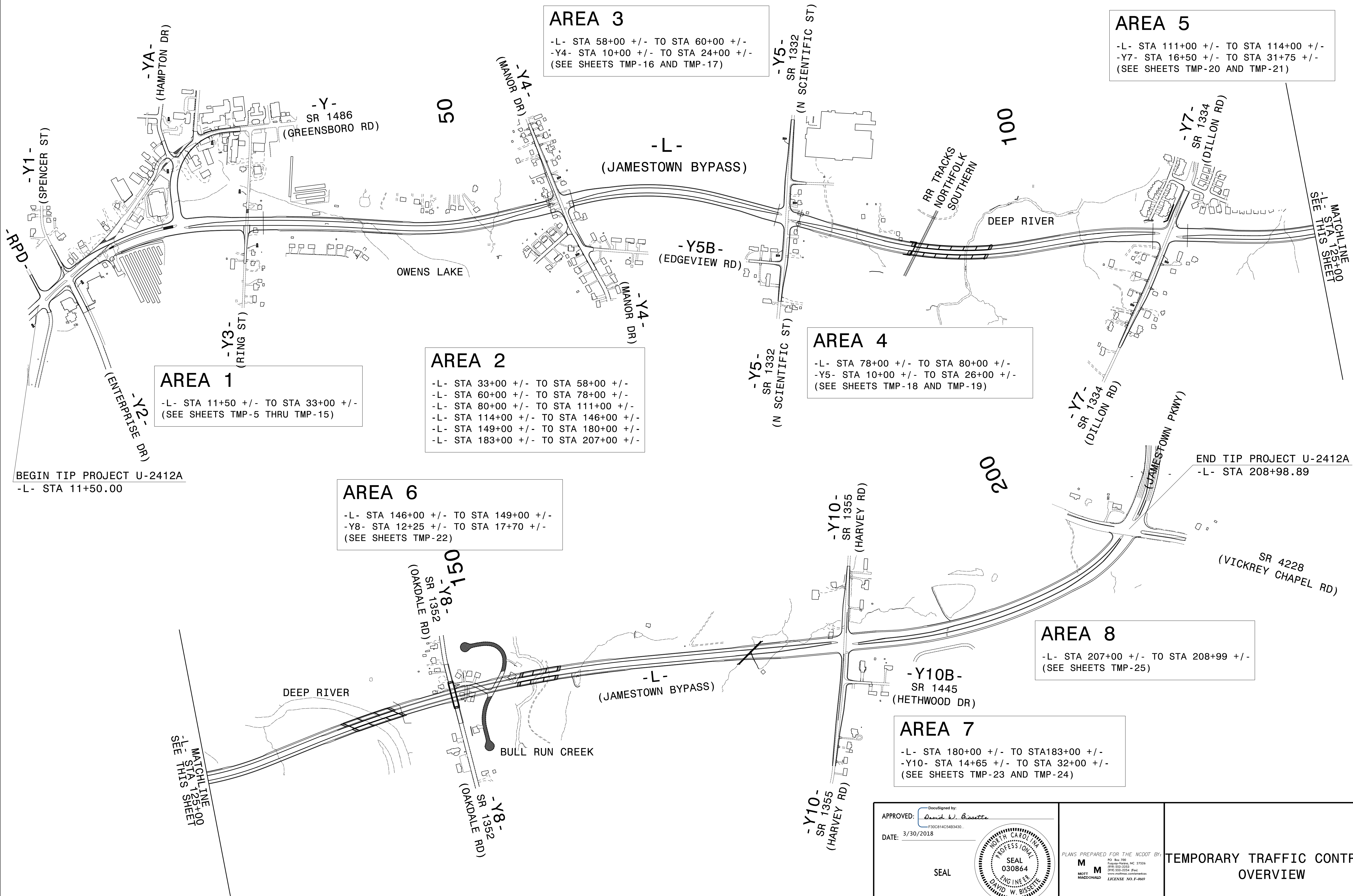
AREA 2
 -L- STA 33+00 +/- TO STA 58+00 +/-
 -L- STA 60+00 +/- TO STA 78+00 +/-
 -L- STA 80+00 +/- TO STA 111+00 +/-
 -L- STA 114+00 +/- TO STA 146+00 +/-
 -L- STA 149+00 +/- TO STA 180+00 +/-
 -L- STA 183+00 +/- TO STA 207+00 +/-

AREA 4
 -L- STA 78+00 +/- TO STA 80+00 +/-
 -Y5- STA 10+00 +/- TO STA 26+00 +/-
 (SEE SHEETS TMP-18 AND TMP-19)

AREA 6
 -L- STA 146+00 +/- TO STA 149+00 +/-
 -Y8- STA 12+25 +/- TO STA 17+70 +/-
 (SEE SHEETS TMP-22)

AREA 8
 -L- STA 207+00 +/- TO STA 208+99 +/-
 (SEE SHEETS TMP-25)

AREA 7
 -L- STA 180+00 +/- TO STA 183+00 +/-
 -Y10- STA 14+65 +/- TO STA 32+00 +/-
 (SEE SHEETS TMP-23 AND TMP-24)



BEGIN TIP PROJECT U-2412A
 -L- STA 11+50.00

END TIP PROJECT U-2412A
 -L- STA 208+98.89

MATCHLINE
 -L- STA 125+00
 SEE THIS SHEET

MATCHLINE
 -L- STA 125+00
 SEE THIS SHEET

3/30/2018
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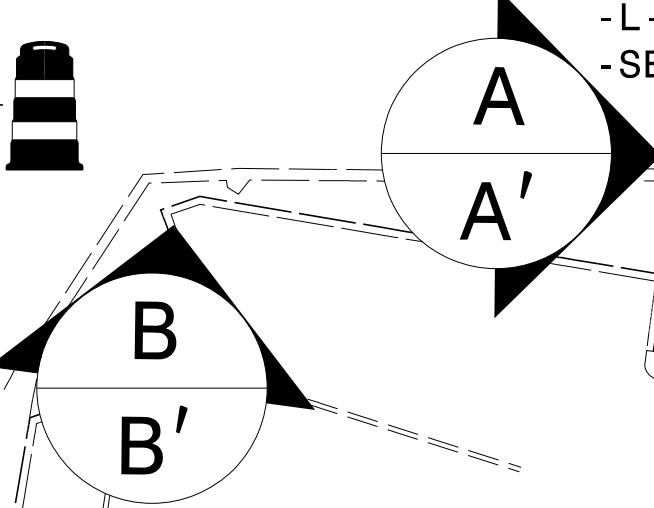
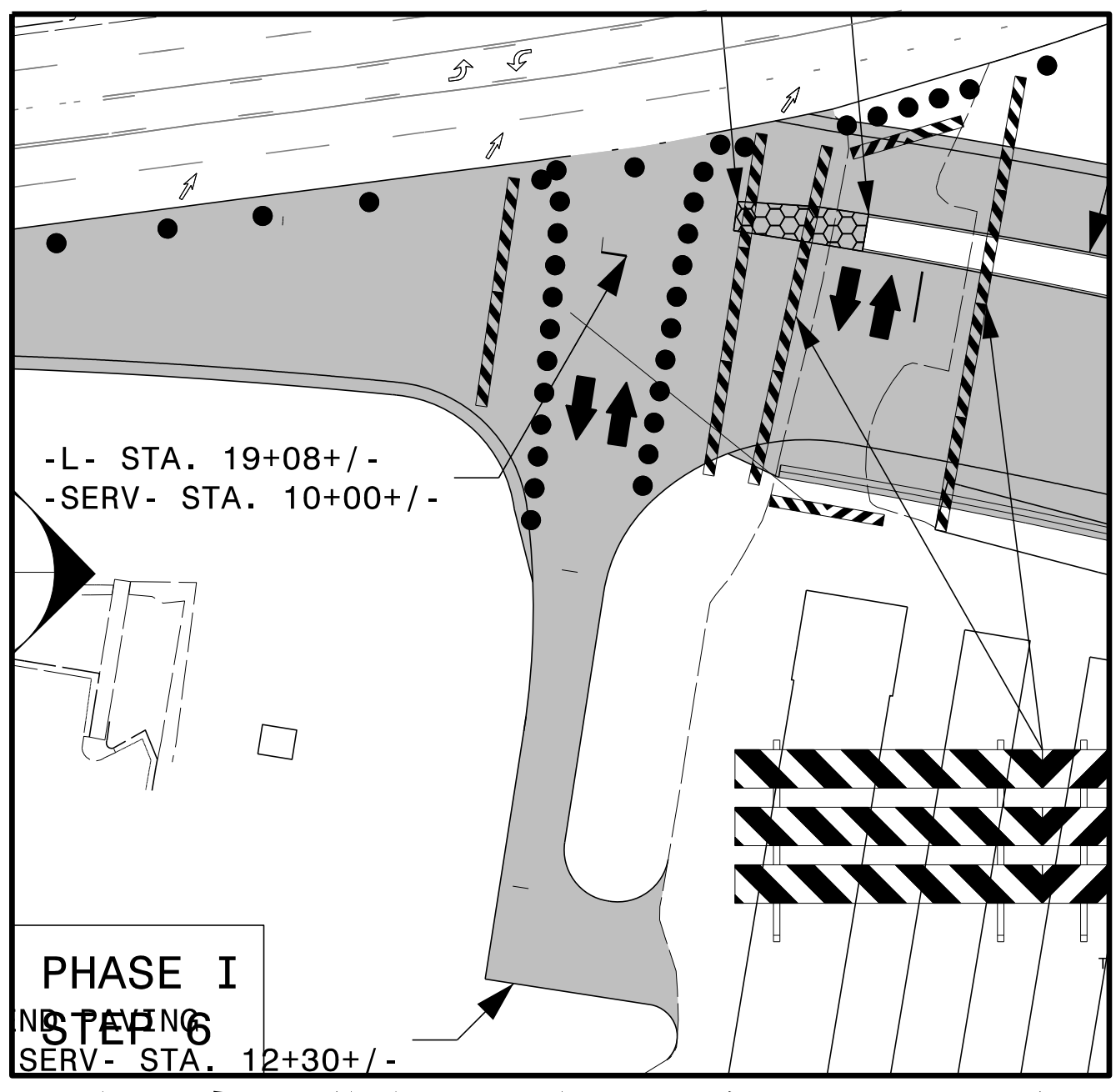
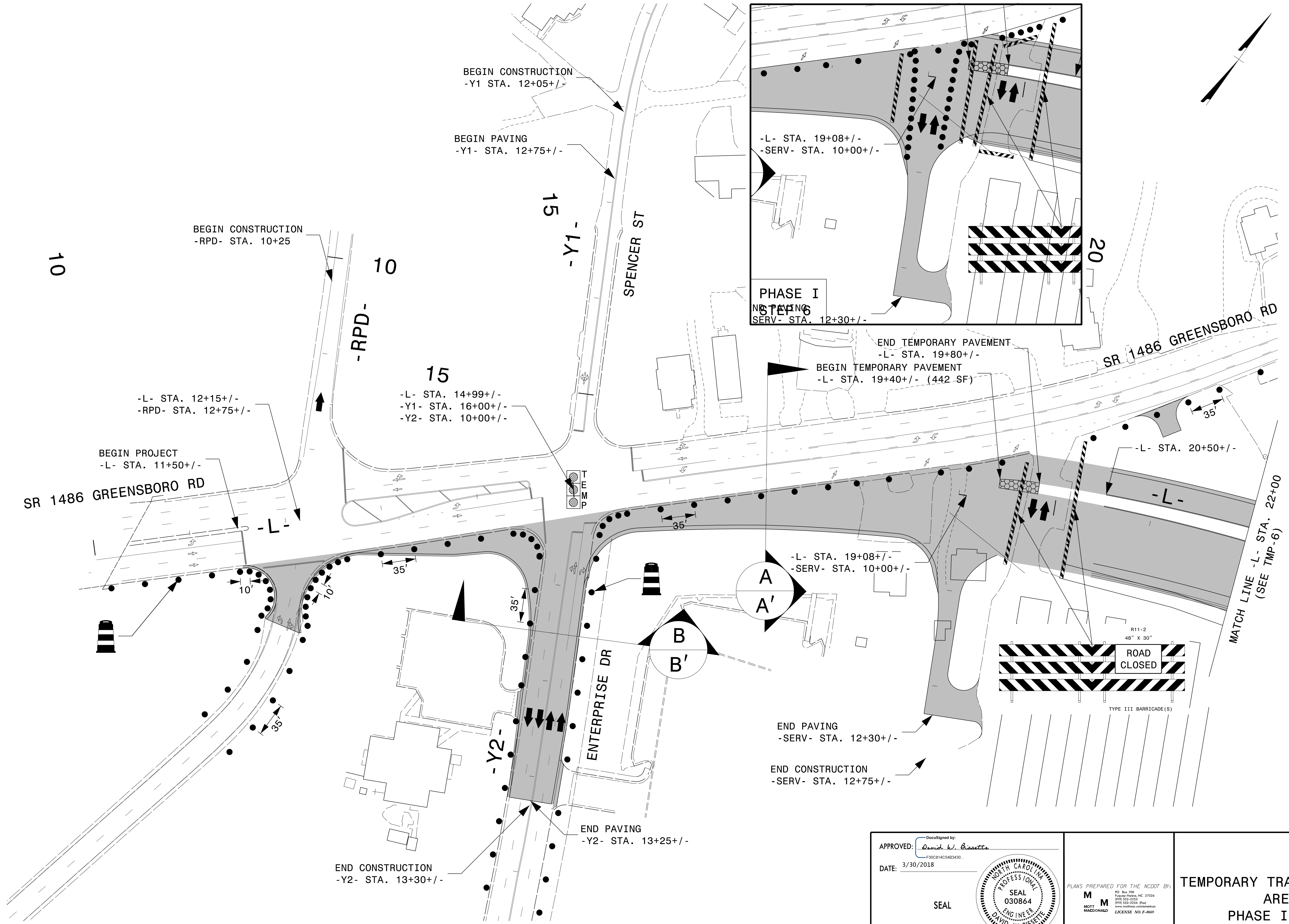
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PLANS PREPARED FOR THE NCDOT BY:

M
 MOTT
 MACDONALD

M
 ENGINEER
 LICENSE NO. F-2669

**TEMPORARY TRAFFIC CONTROL
 OVERVIEW**

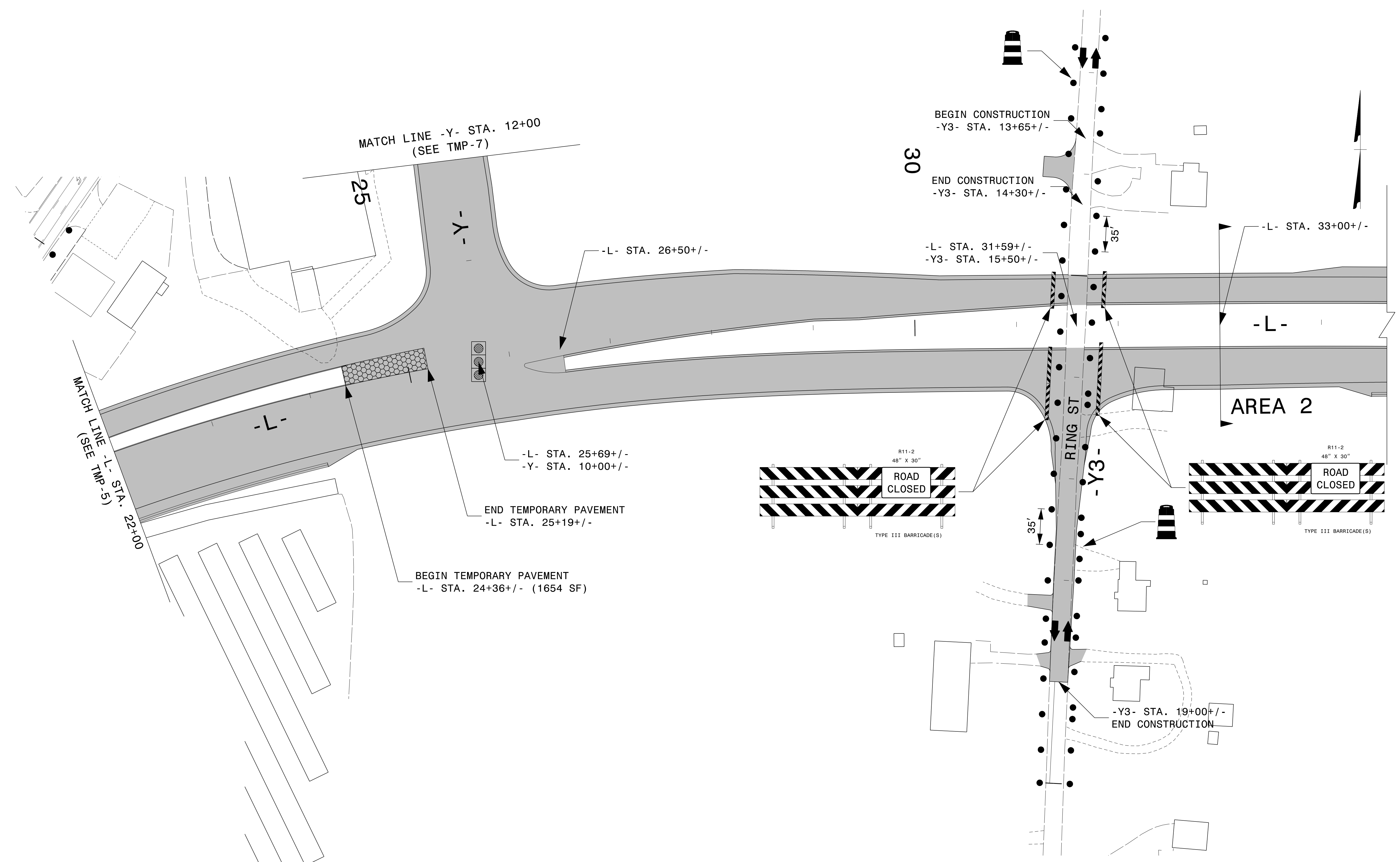


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 DATE: 3/30/2018
 SEAL
 NORTH CAROLINA PROFESSIONAL ENGINEER
 SEAL 030864
 ENGINEER
 DAVID W. BISSETTE

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 MOTT MACDONALD
 LICENSE NO. F-9669

TEMPORARY TRAFFIC CONTROL
 AREA 1
 PHASE I DETAIL

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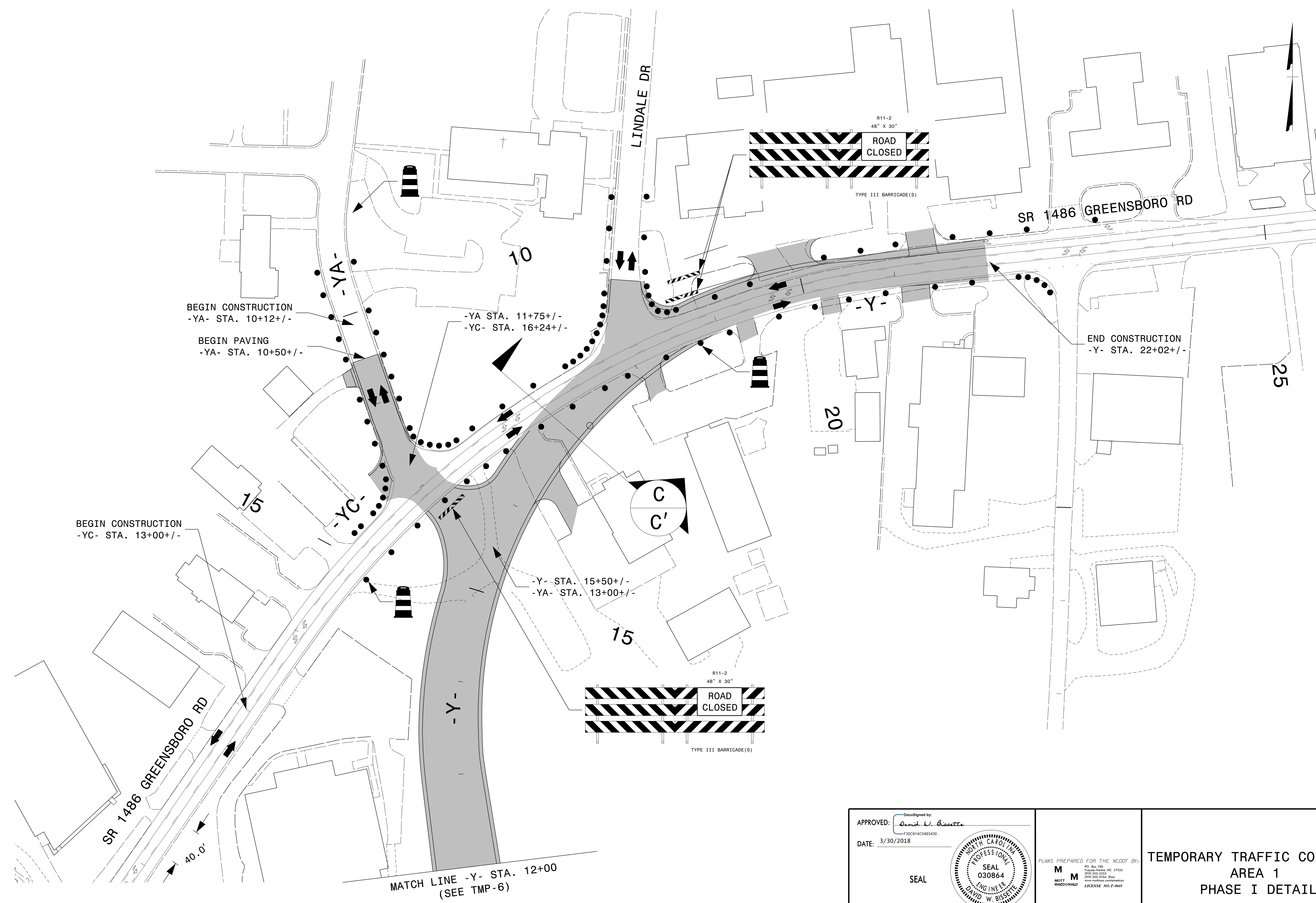
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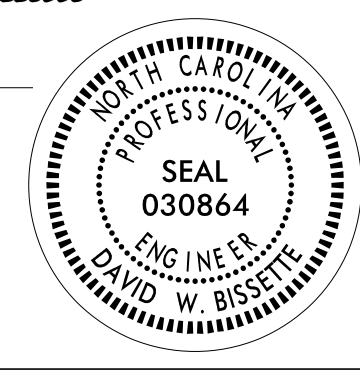
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TEMPORARY TRAFFIC CONTROL
 AREA 1
 PHASE I DETAIL



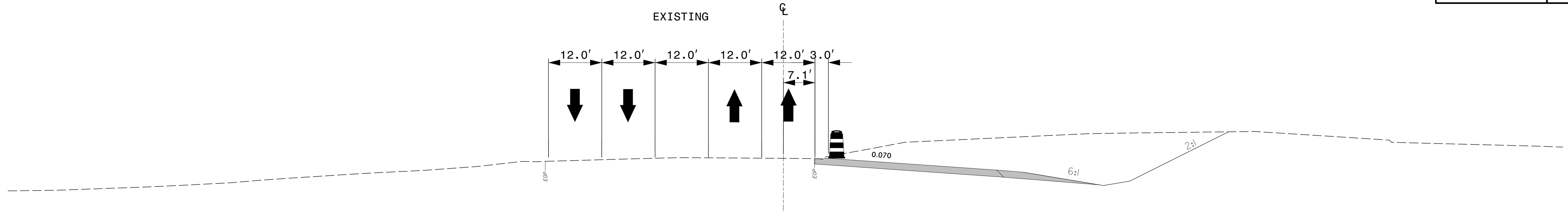
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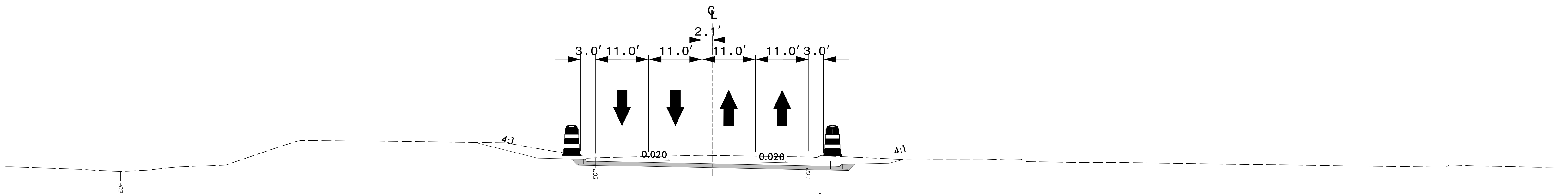


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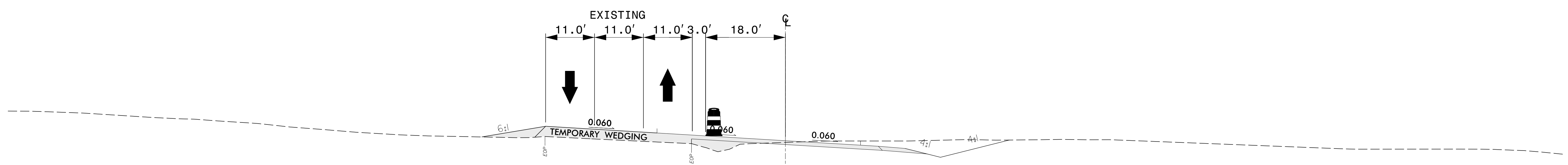
**TEMPORARY TRAFFIC CONTROL
 AREA 1
 PHASE I DETAIL**



SECTION A - A'
-L- STA. 17+00+/-



SECTION B - B'
-Y2- STA. 11+50+/-



SECTION C - C'
-Y- STA. 17+00+/-

3/30/2018
 \\NCF-DATA\Proj\370153-Centrol.DDC.2016\Proj\U-2412A\TMP\U-2412A_TC_TMP_08.dgn
 User: b582185

APPROVED: *David W. Bissette*
 DATE: 3/30/2018

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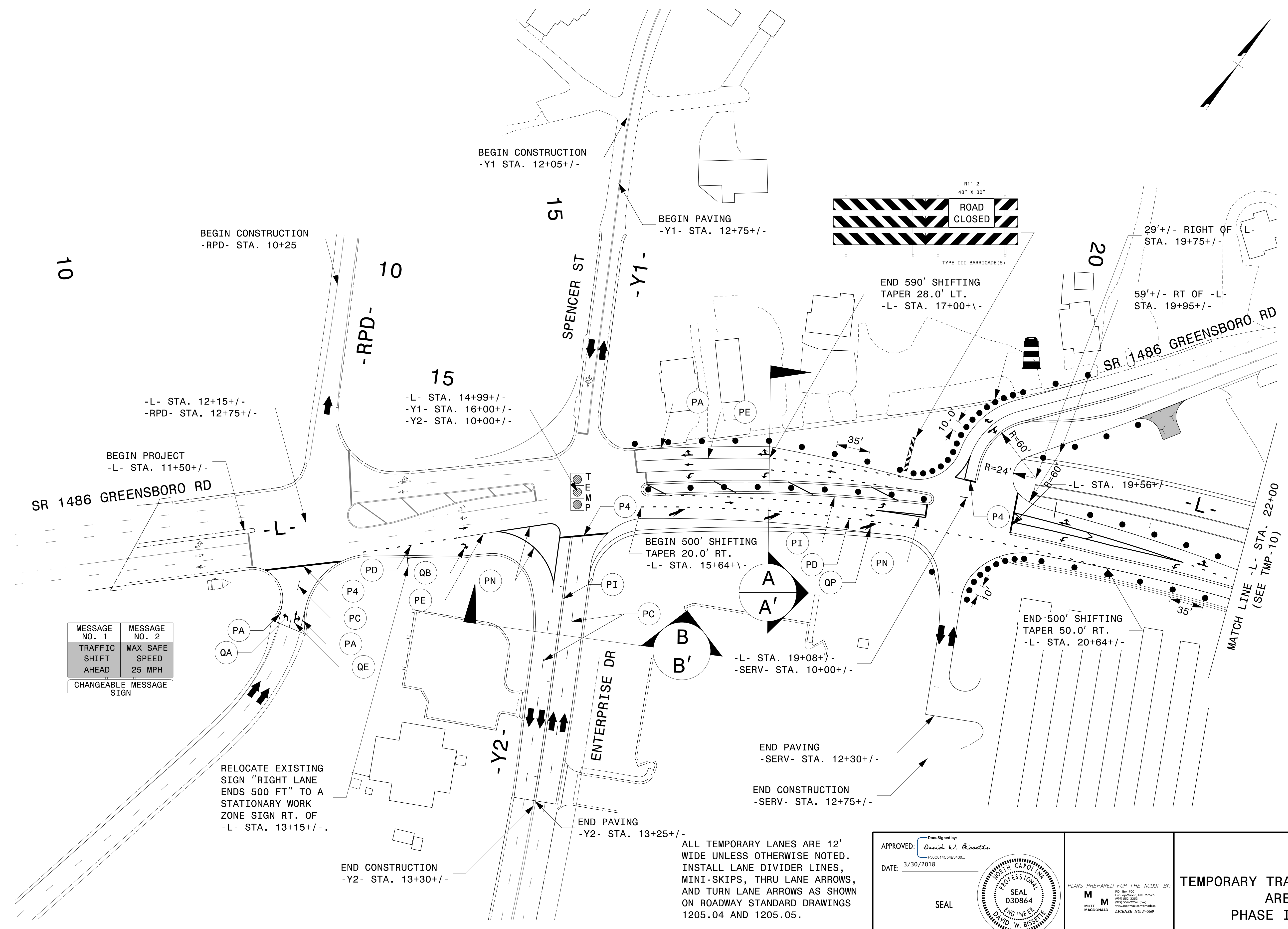
PLANS PREPARED FOR THE NCDOT BY:

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TEMPORARY TRAFFIC CONTROL
 AREA 1
 PHASE I CROSS SECTIONS



MESSAGE NO. 1	MESSAGE NO. 2
TRAFFIC SHIFT AHEAD	MAX SAFE SPEED 25 MPH
CHANGEABLE MESSAGE SIGN	

RELOCATE EXISTING SIGN "RIGHT LANE ENDS 500 FT" TO A STATIONARY WORK ZONE SIGN RT. OF -L- STA. 13+15+/-.

ALL TEMPORARY LANES ARE 12' WIDE UNLESS OTHERWISE NOTED. INSTALL LANE DIVIDER LINES, MINI-SKIPS, THRU LANE ARROWS, AND TURN LANE ARROWS AS SHOWN ON ROADWAY STANDARD DRAWINGS 1205.04 AND 1205.05.

APPROVED: *David W. Bisette*
 DATE: 3/30/2018

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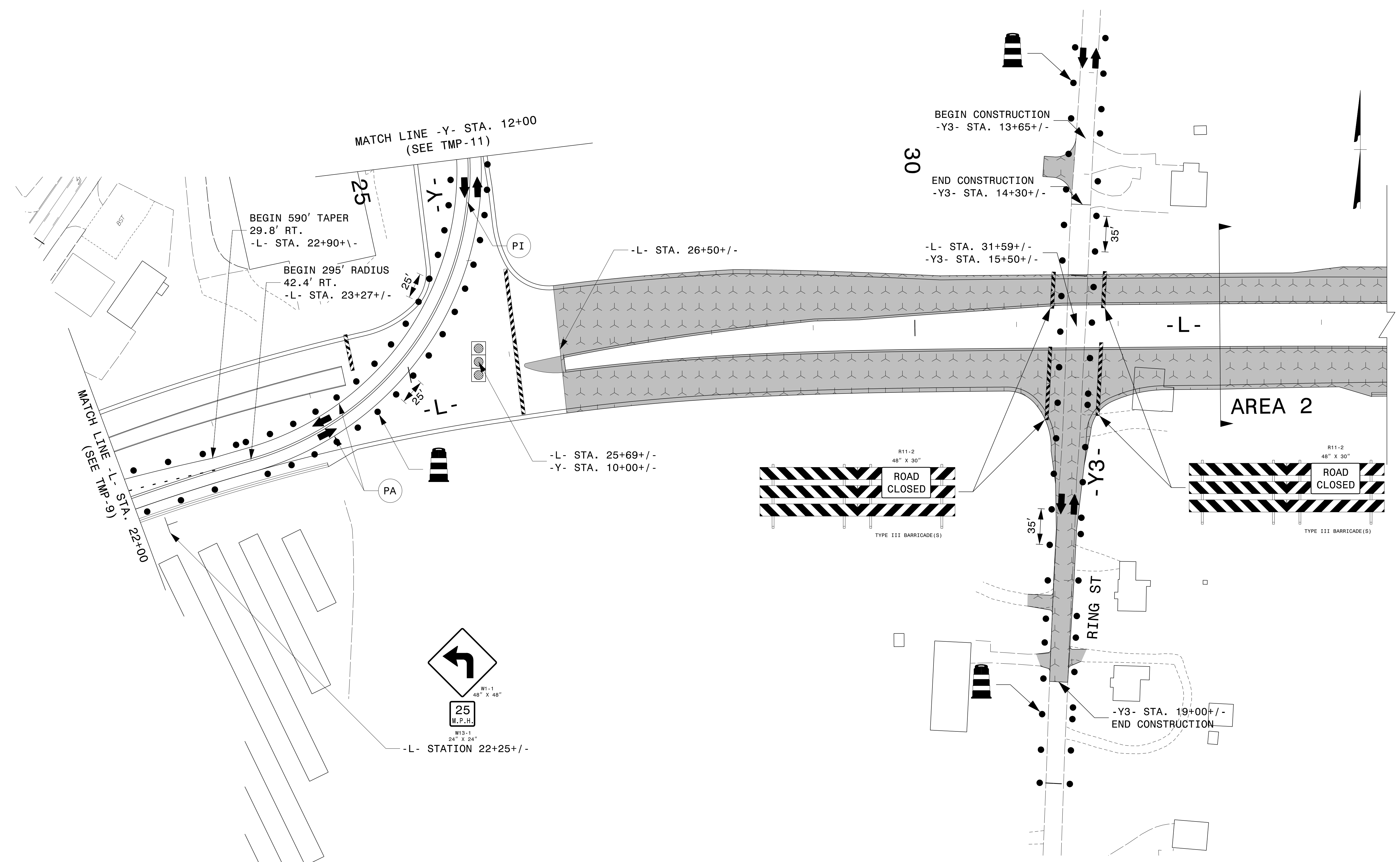
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TEMPORARY TRAFFIC CONTROL AREA 1 PHASE II DETAIL

3/30/2018
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ALL TEMPORARY LANES ARE 12' WIDE UNLESS OTHERWISE NOTED. INSTALL LANE DIVIDER LINES, MINI-SKIPS, THRU LANE ARROWS, AND TURN LANE ARROWS AS SHOWN ON ROADWAY STANDARD DRAWINGS 1205.04 AND 1205.05.

APPROVED: *David W. Bissette*
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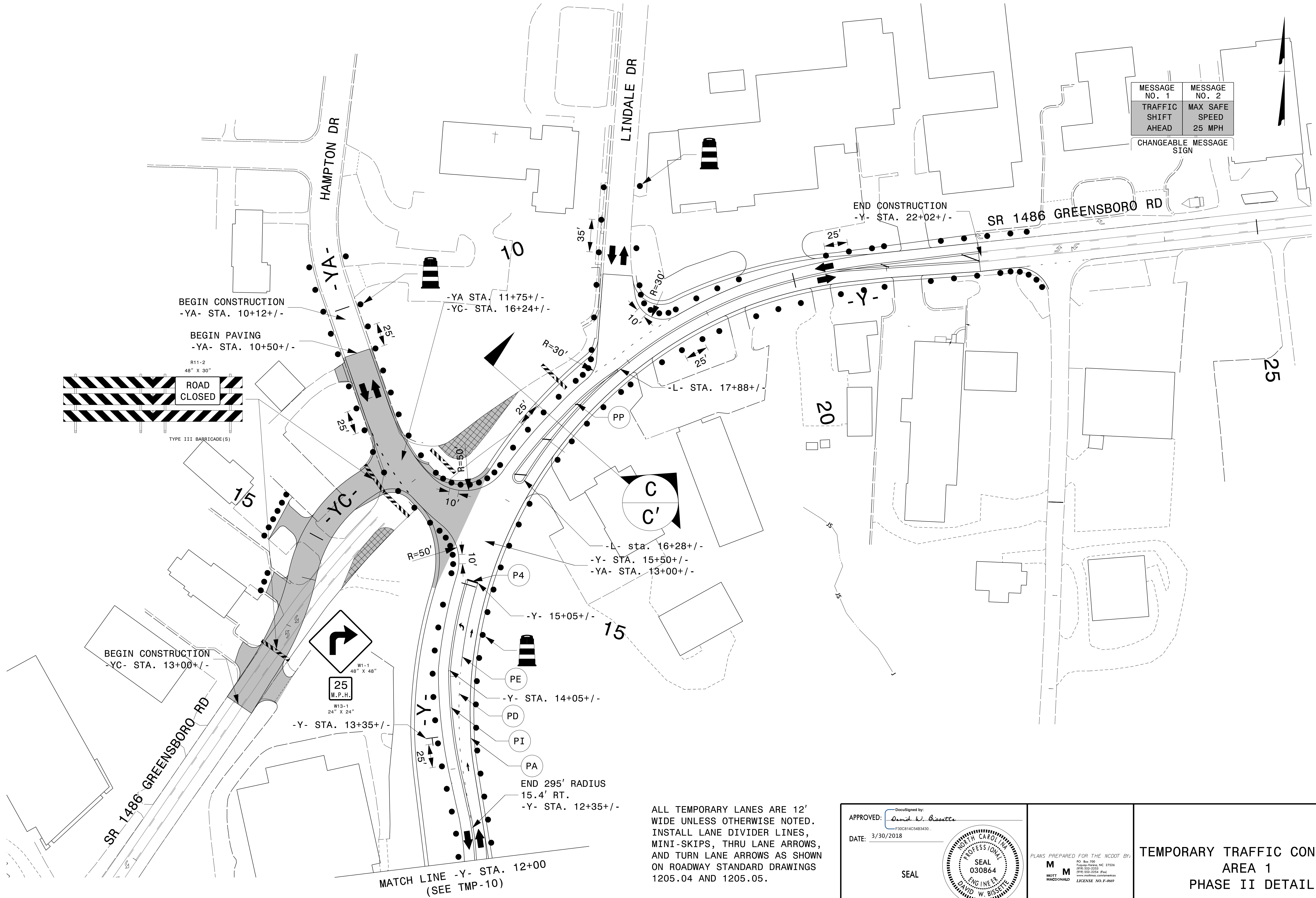
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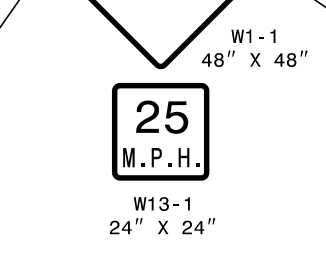
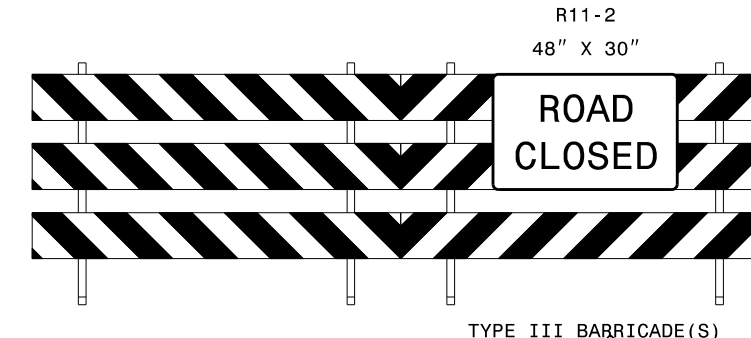
**TEMPORARY TRAFFIC CONTROL
 AREA 1
 PHASE II DETAIL**

3/30/2018
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 User: b1582185

MESSAGE NO. 1	MESSAGE NO. 2
TRAFFIC SHIFT AHEAD	MAX SAFE SPEED 25 MPH
CHANGEABLE MESSAGE SIGN	



ALL TEMPORARY LANES ARE 12' WIDE UNLESS OTHERWISE NOTED. INSTALL LANE DIVIDER LINES, MINI-SKIPS, THRU LANE ARROWS, AND TURN LANE ARROWS AS SHOWN ON ROADWAY STANDARD DRAWINGS 1205.04 AND 1205.05.



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DATE: 3/30/2018

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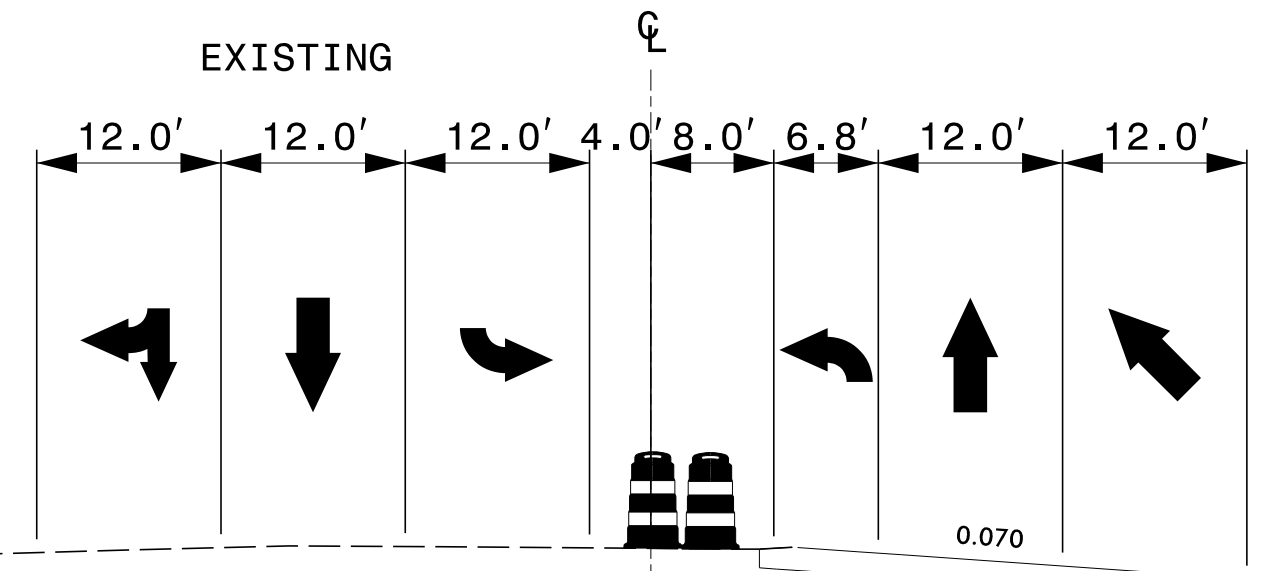
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030864
ENGINEER
DAVID W. BISSETTE

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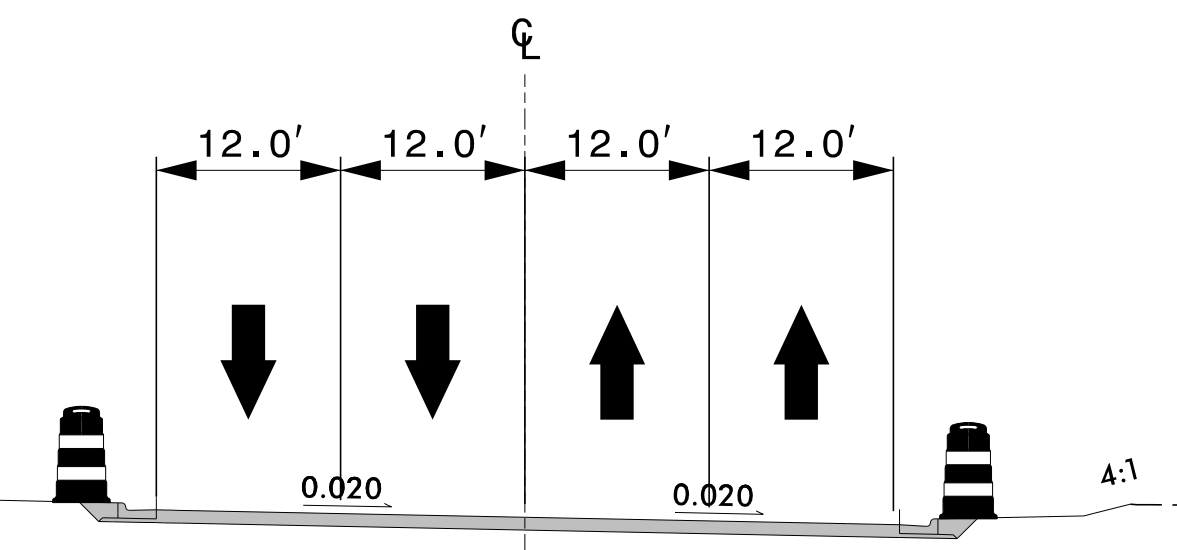
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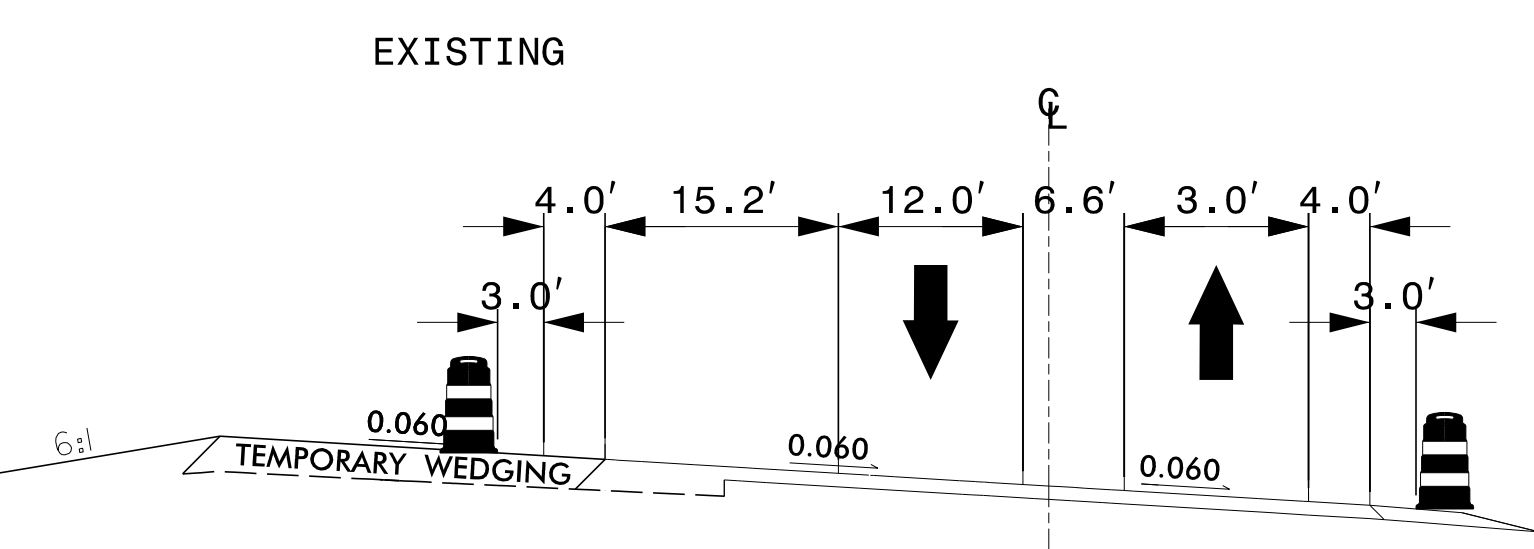
TEMPORARY TRAFFIC CONTROL
AREA 1
PHASE II DETAIL



SECTION A - A'
-L- STA. 17+00+/-



SECTION B - B'
-Y2- STA. 11+50+/-



SECTION C - C'
-Y- STA. 17+00+/-

3/30/2018
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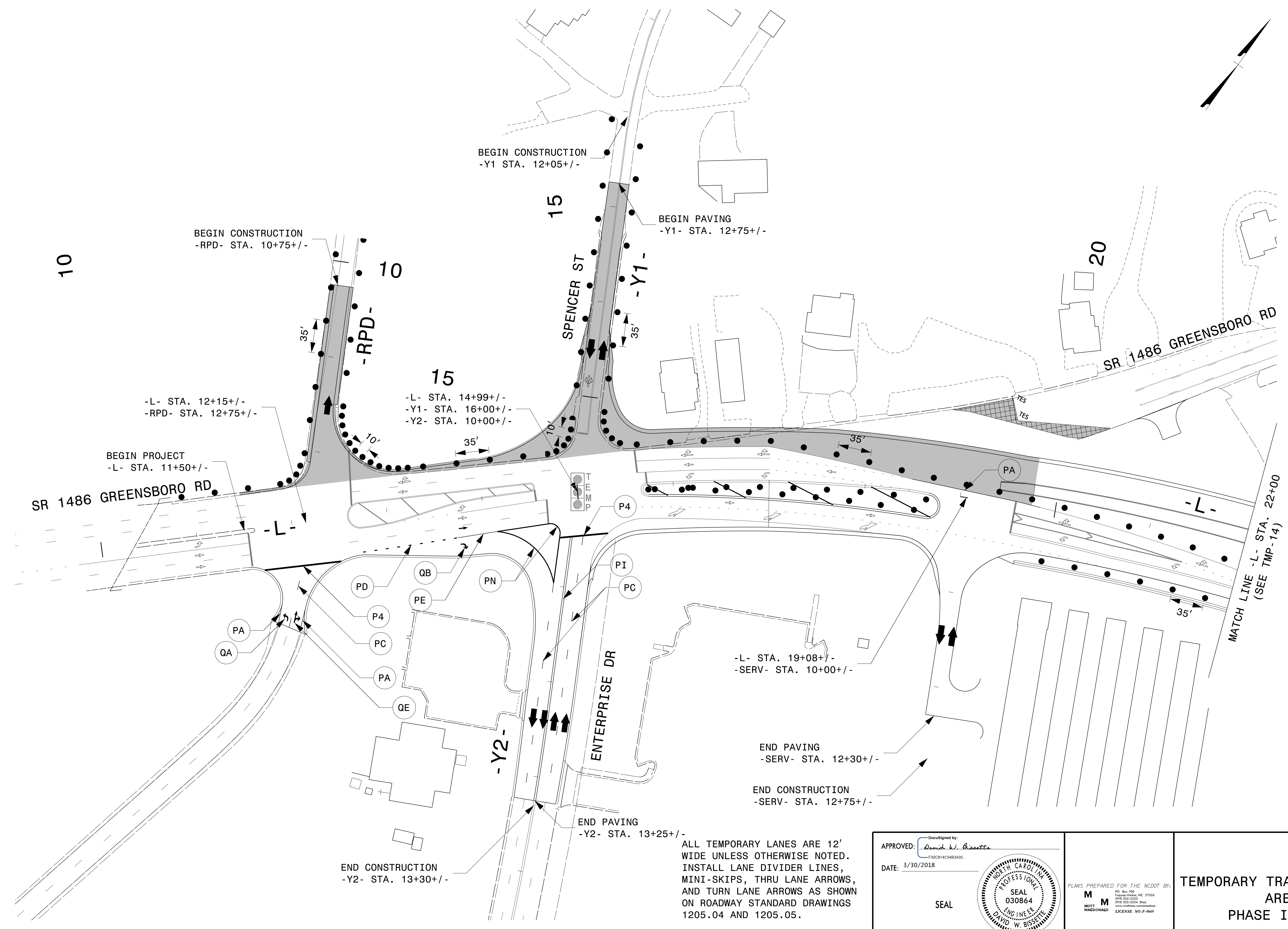
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**TEMPORARY TRAFFIC CONTROL
AREA 1
PHASE II CROSS SECTIONS**



ALL TEMPORARY LANES ARE 12' WIDE UNLESS OTHERWISE NOTED. INSTALL LANE DIVIDER LINES, MINI-SKIPS, THRU LANE ARROWS, AND TURN LANE ARROWS AS SHOWN ON ROADWAY STANDARD DRAWINGS 1205.04 AND 1205.05.

APPROVED: *David W. Bisette*
DocuSigned by: David W. Bisette
 F30C814C54B5430...
 DATE: 3/30/2018

SEAL

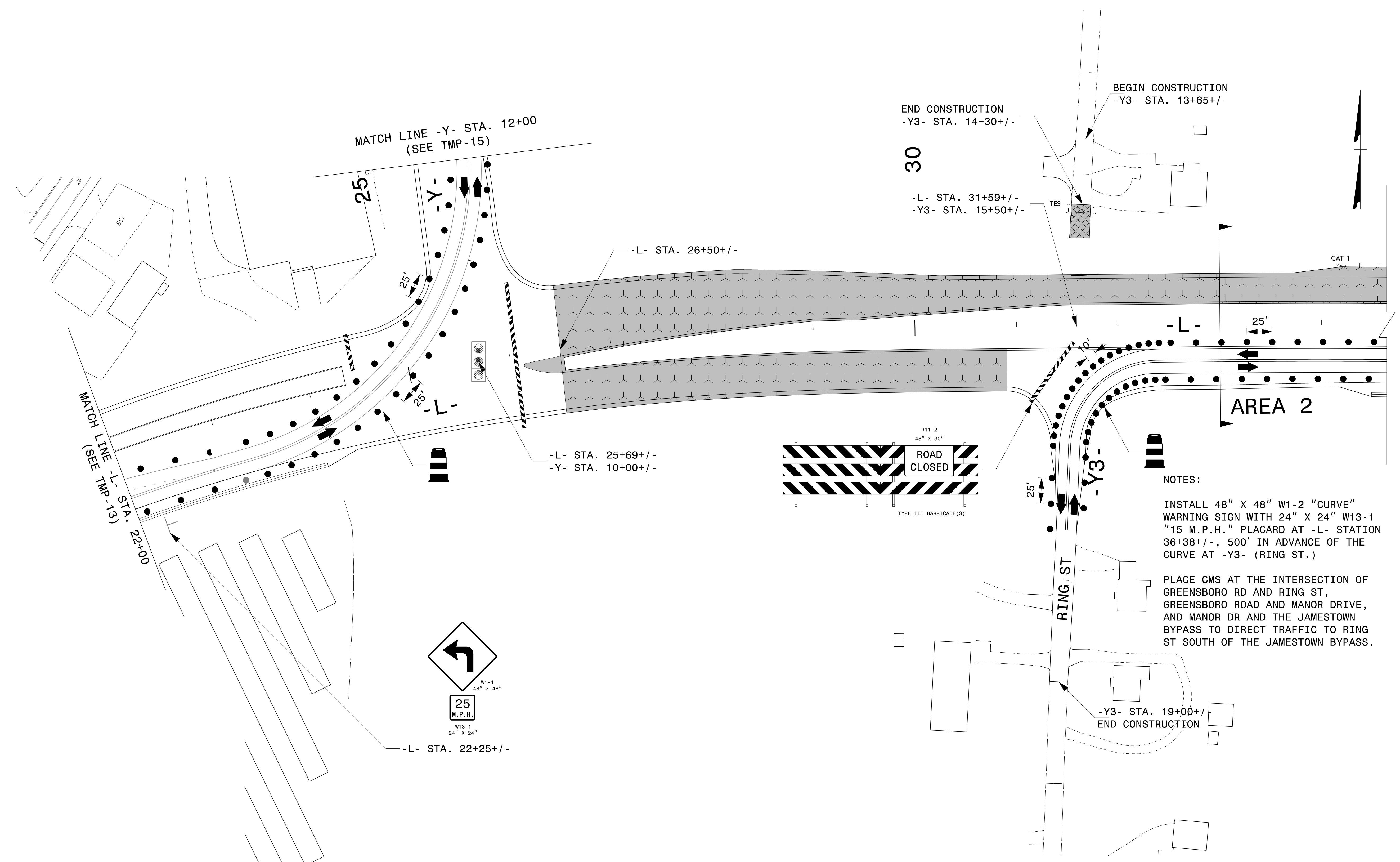
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**TEMPORARY TRAFFIC CONTROL
 AREA 1
 PHASE III DETAIL**

3/30/2018
 \\NCF-DATA\Proj\370153-Centrd-L.DDC.2016\Proj\U-2412A\TMP\TcP\U-2412A_TC_TMP_13.dgn
 User: b582185



NOTES:

INSTALL 48" X 48" W1-2 "CURVE" WARNING SIGN WITH 24" X 24" W13-1 "15 M.P.H." PLACARD AT -L- STATION 36+38+/-, 500' IN ADVANCE OF THE CURVE AT -Y3- (RING ST.)

PLACE CMS AT THE INTERSECTION OF GREENSBORO RD AND RING ST, GREENSBORO ROAD AND MANOR DRIVE, AND MANOR DR AND THE JAMESTOWN BYPASS TO DIRECT TRAFFIC TO RING ST SOUTH OF THE JAMESTOWN BYPASS.

ALL TEMPORARY LANES ARE 12' WIDE UNLESS OTHERWISE NOTED. INSTALL LANE DIVIDER LINES, MINI-SKIPS, THRU LANE ARROWS, AND TURN LANE ARROWS AS SHOWN ON ROADWAY STANDARD DRAWINGS 1205.04 AND 1205.05.

APPROVED: *David W. Bisette*
 DATE: 3/30/2018

SEAL

SEAL 030864
 ENGINEER
 DAVID W. BISSETTE

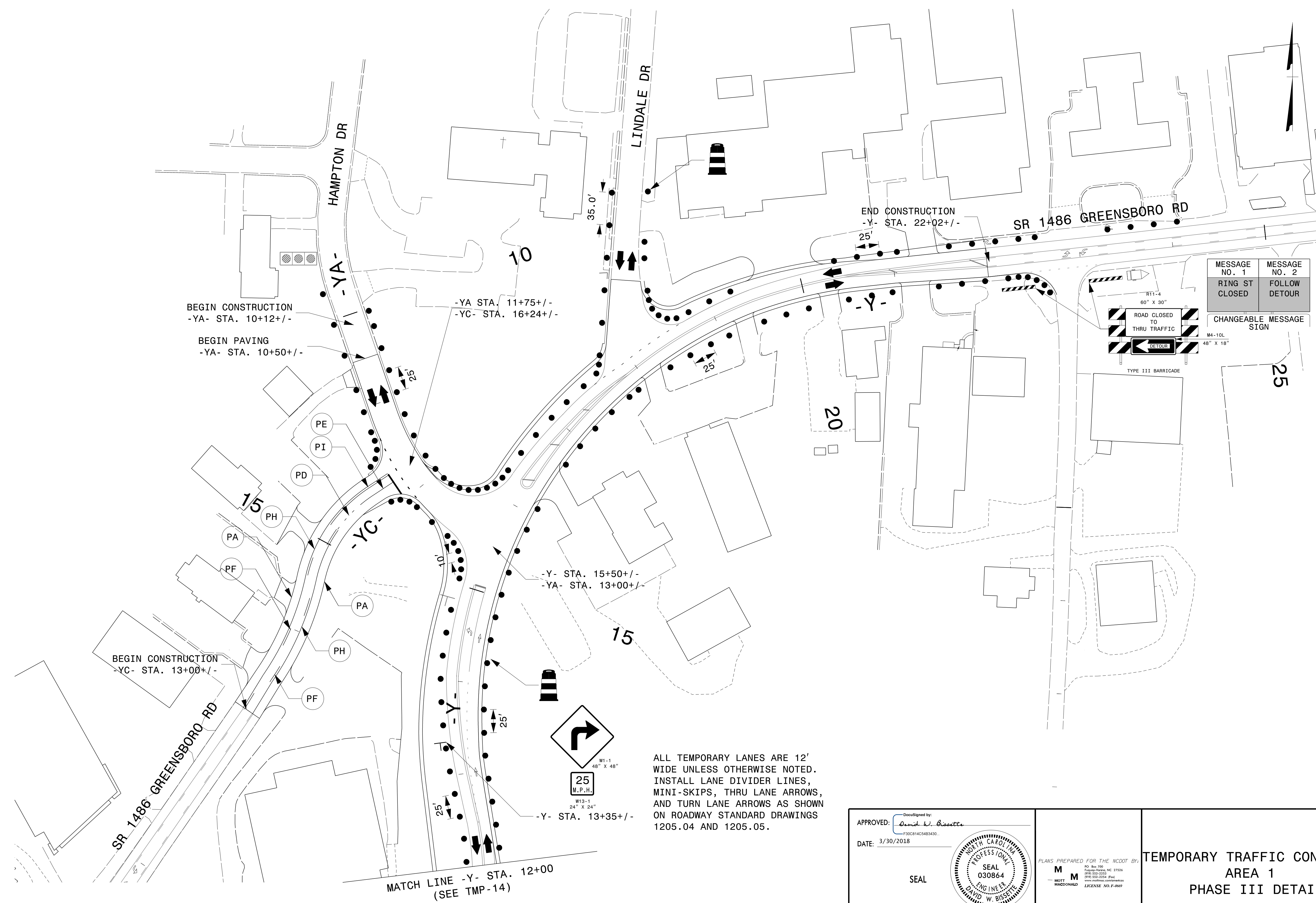
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TEMPORARY TRAFFIC CONTROL AREA 1 PHASE III DETAIL

3/30/2018
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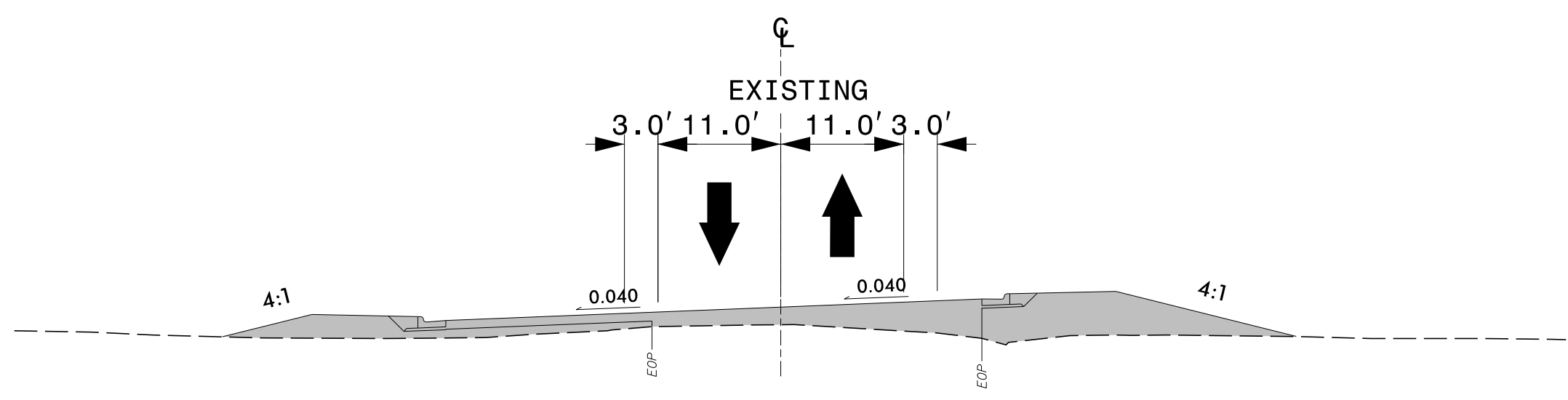
APPROVED: *David W. Bisette*
 DATE: 3/30/2018

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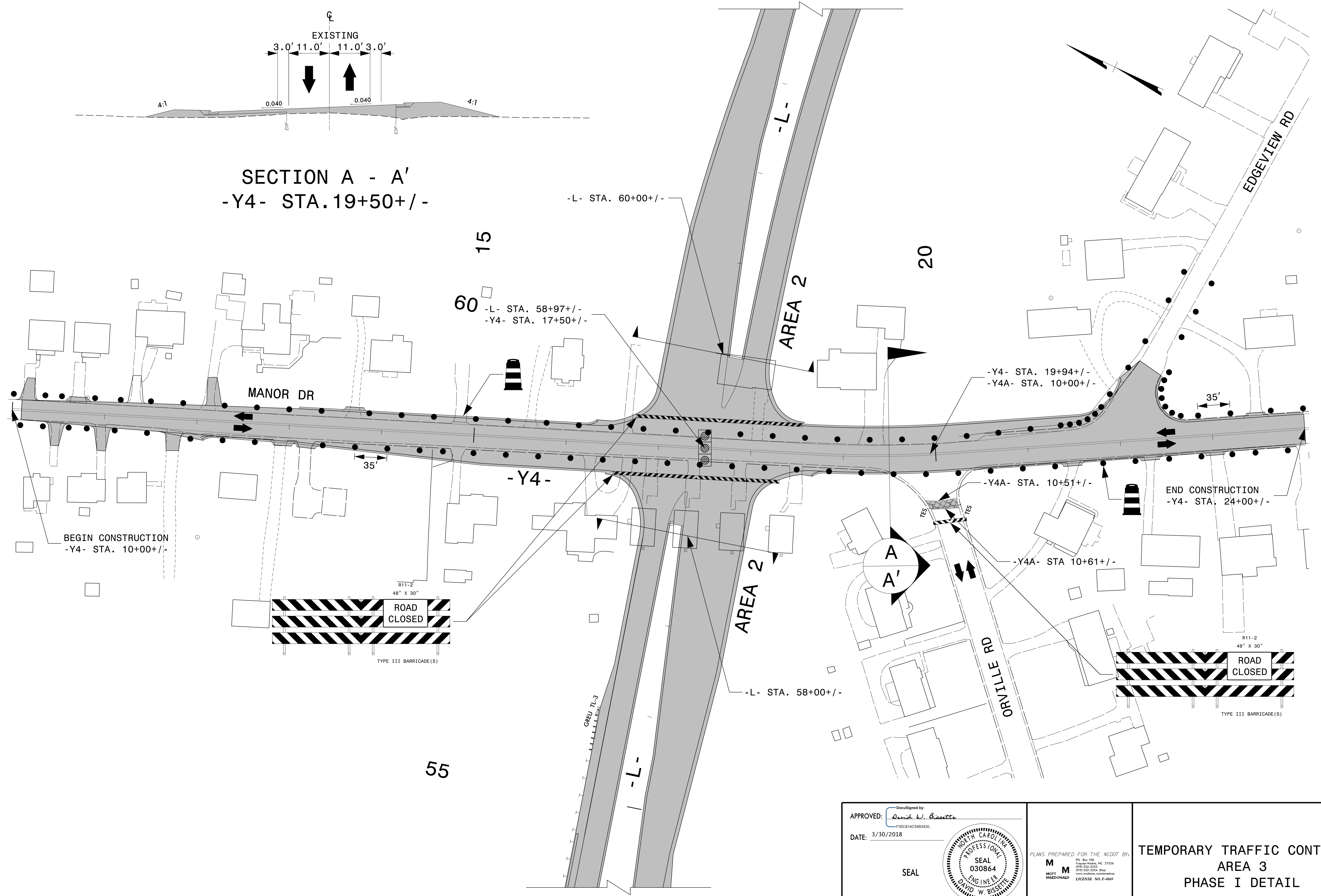
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TEMPORARY TRAFFIC CONTROL AREA 1
PHASE III DETAIL



SECTION A - A'
-Y4- STA. 19+50+/-



3/30/2018
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 F30C814C548343D
 DATE: 3/30/2018

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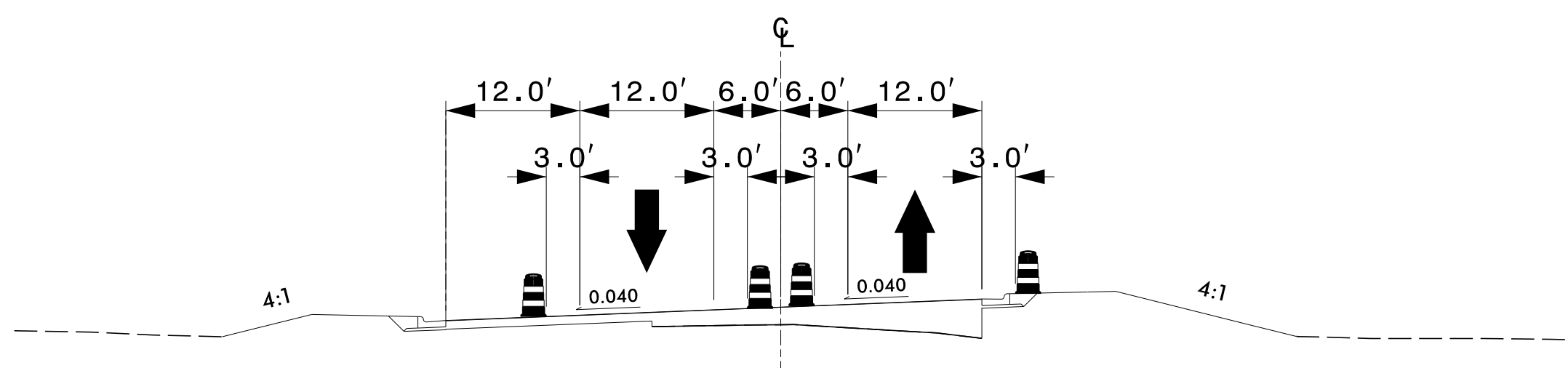
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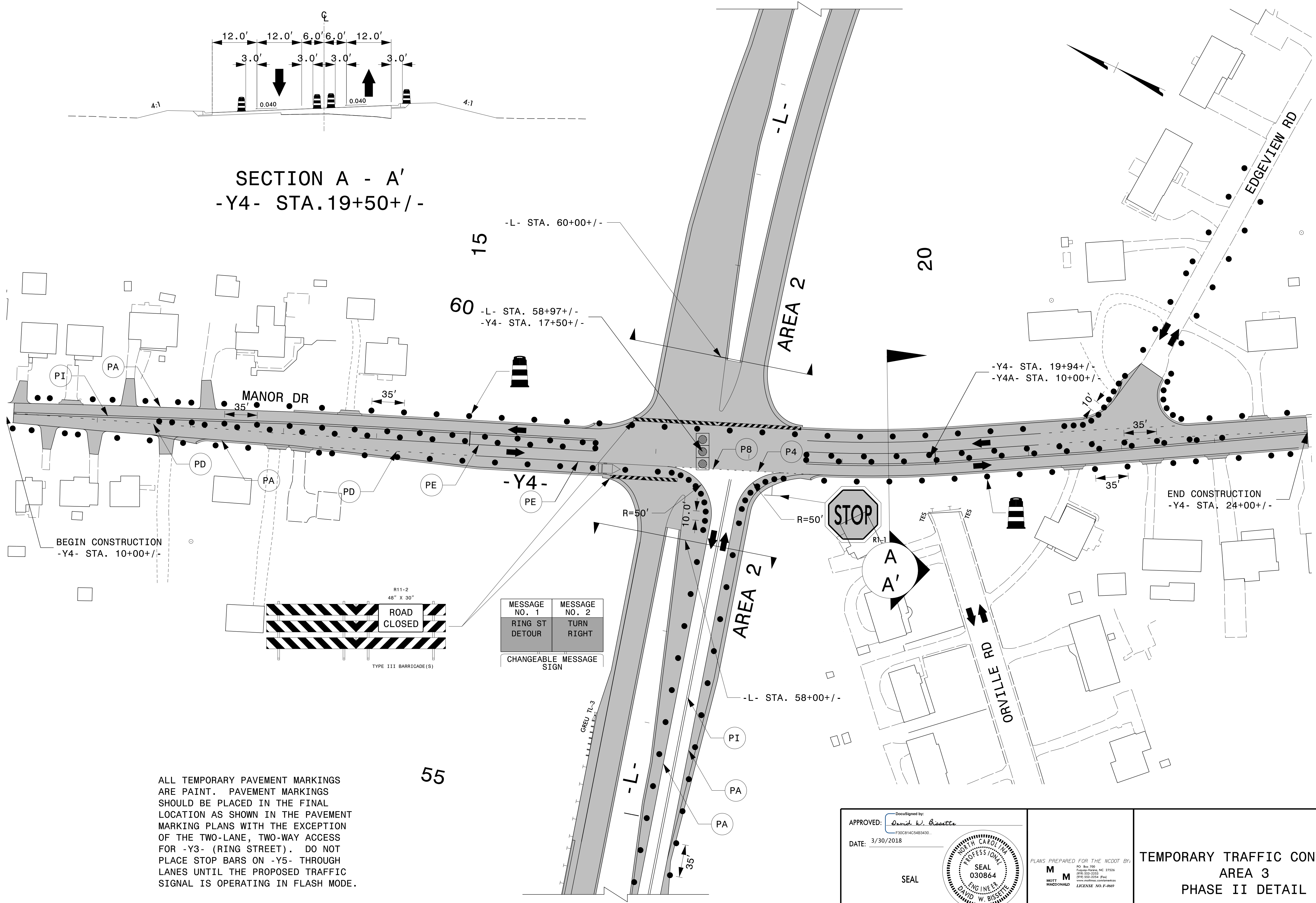
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 LICENSE NO. F-8669

TEMPORARY TRAFFIC CONTROL
AREA 3
PHASE I DETAIL

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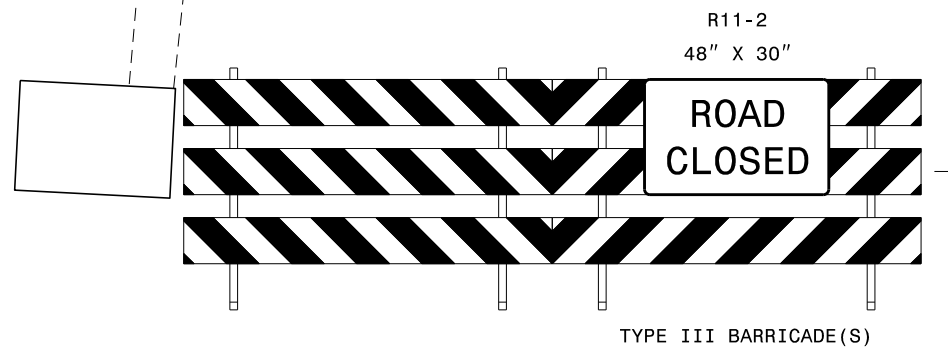


SECTION A - A'
-Y4- STA.19+50+/-



BEGIN CONSTRUCTION
-Y4- STA. 10+00+/-

END CONSTRUCTION
-Y4- STA. 24+00+/-



MESSAGE NO. 1	MESSAGE NO. 2
RING ST DETOUR	TURN RIGHT
CHANGEABLE MESSAGE SIGN	

ALL TEMPORARY PAVEMENT MARKINGS ARE PAINT. PAVEMENT MARKINGS SHOULD BE PLACED IN THE FINAL LOCATION AS SHOWN IN THE PAVEMENT MARKING PLANS WITH THE EXCEPTION OF THE TWO-LANE, TWO-WAY ACCESS FOR -Y3- (RING STREET). DO NOT PLACE STOP BARS ON -Y5- THROUGH LANES UNTIL THE PROPOSED TRAFFIC SIGNAL IS OPERATING IN FLASH MODE.

APPROVED: *David W. Bisette*
DATE: 3/30/2018

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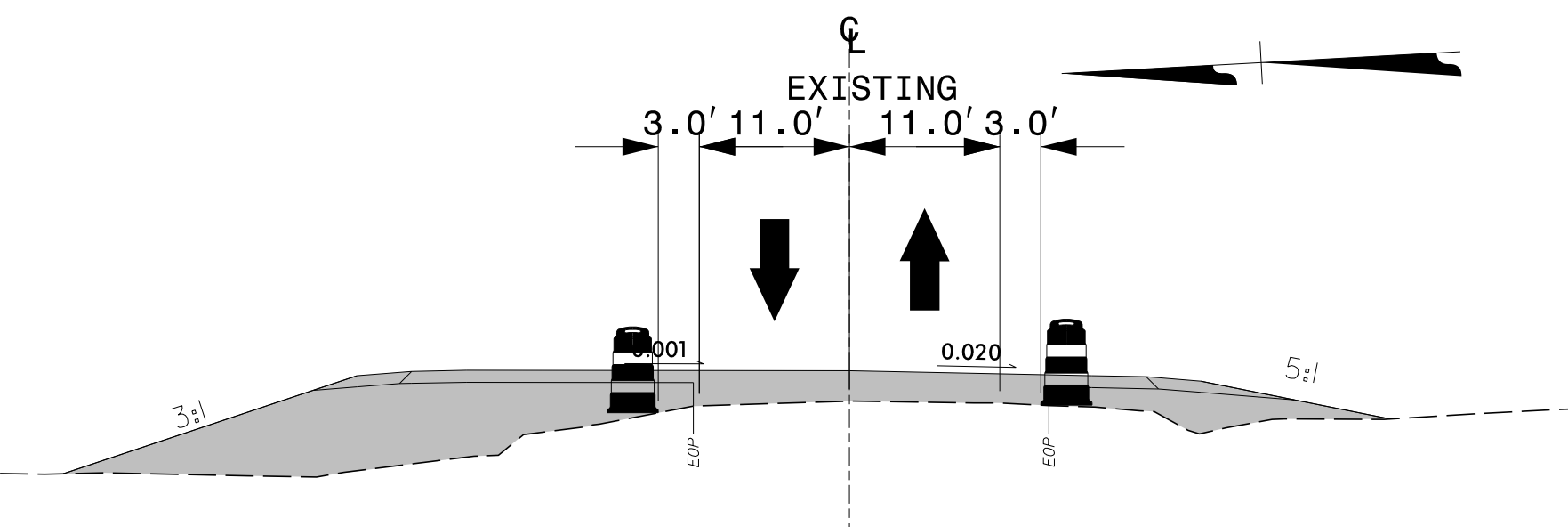
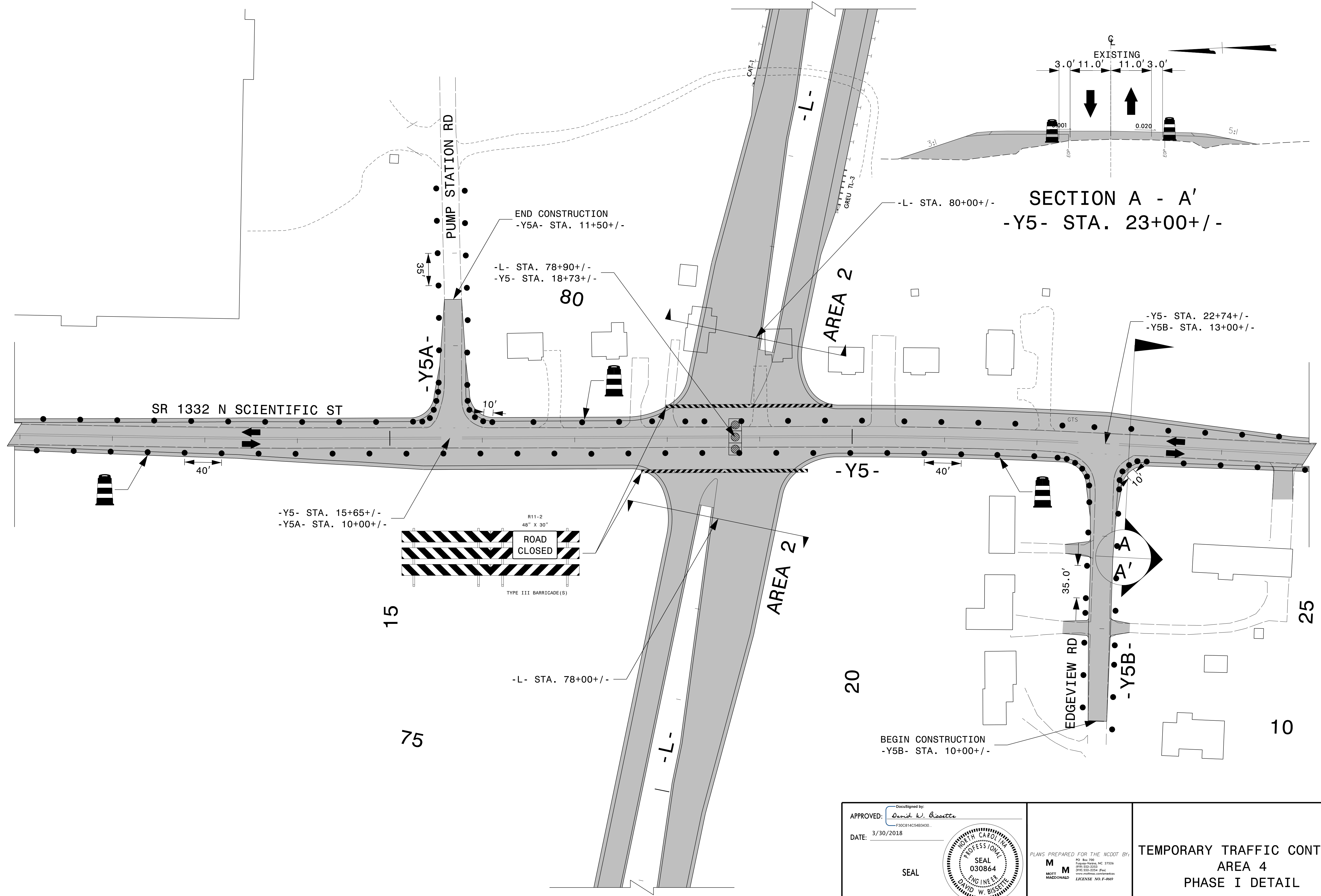
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TEMPORARY TRAFFIC CONTROL
AREA 3
PHASE II DETAIL

3/30/2018
\\NCF-DATA\Proj\370153_Centrd\DDC_2016\Proj\U-2412A\TMP\Tcp\U-2412A_TC_TMP_17.dgn
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APPROVED: *David W. Bissette*
F300614CS4B3430

DATE: 3/30/2018

SEAL

SEAL
030864
ENGINEER
DAVID W. BISSETTE

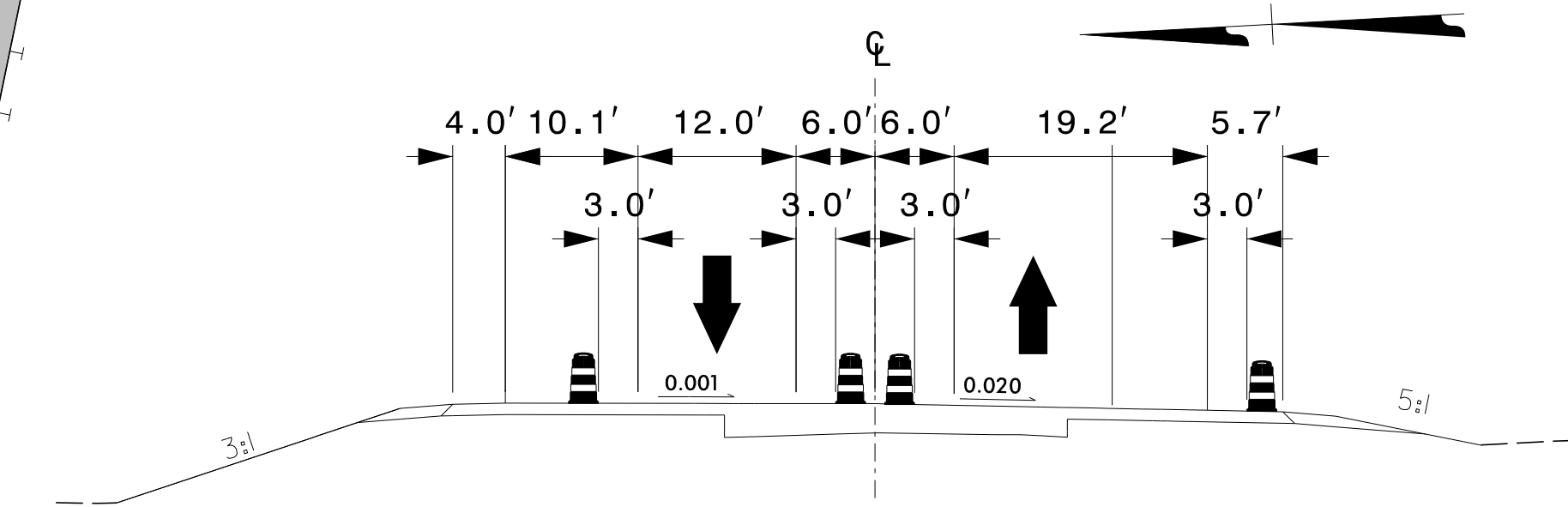
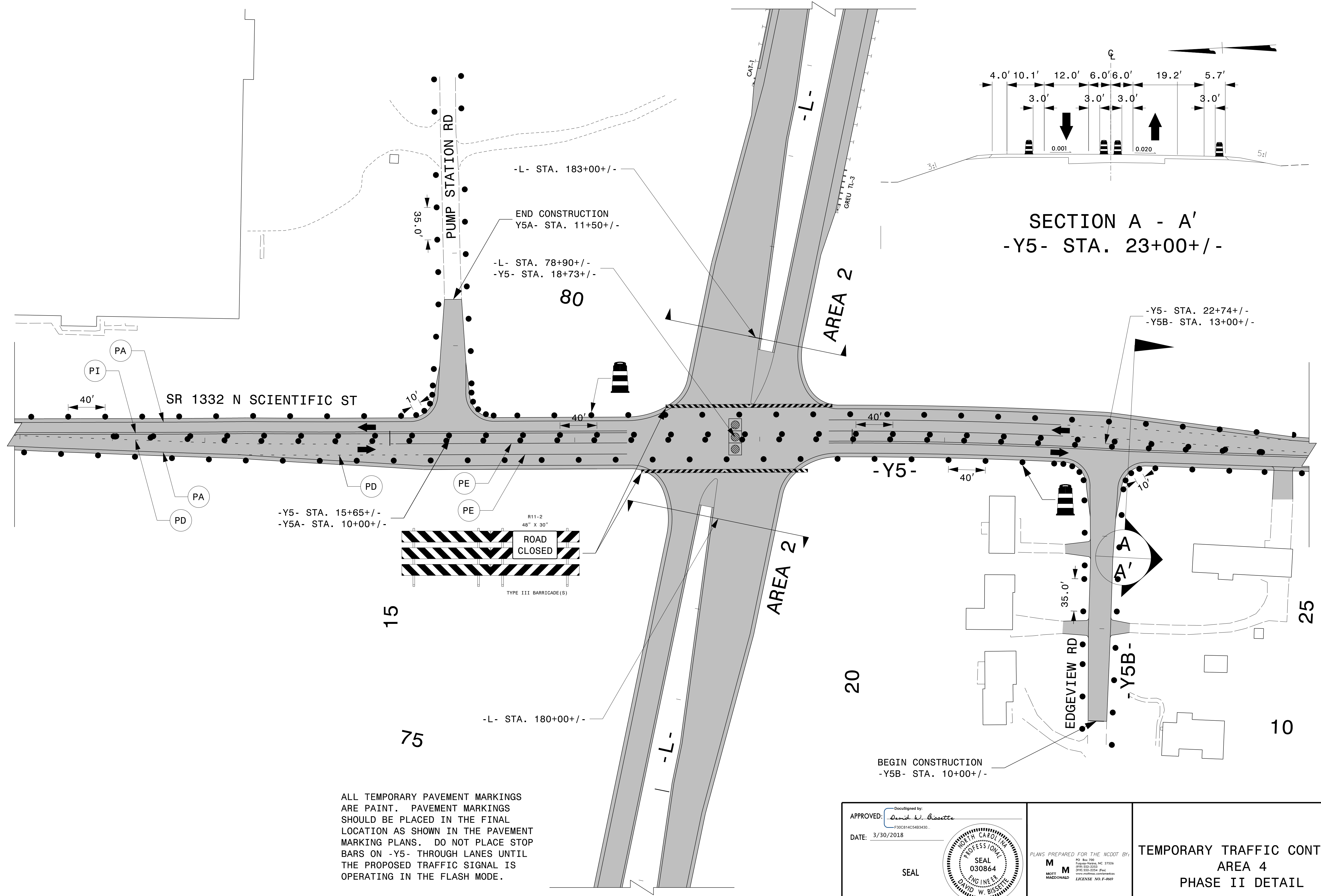
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NORTH CAROLINA
PROFESSIONAL
ENGINEERS
DAVID W. BISSETTE
LICENSE NO. F-2669

TEMPORARY TRAFFIC CONTROL
AREA 4
PHASE I DETAIL

3/30/2018
 \\NCF-DATA\Proj\370153-Centrol.DDC.2016\Proj\U-2412A\TMP\Top\U-2412A_TC_TMP_18.dgn
 User: bissette



SECTION A - A'
-Y5- STA. 23+00+/-

-Y5- STA. 22+74+/-
-Y5B- STA. 13+00+/-

-Y5-

A
A'

EDGEVIEW RD

Y5B-

BEGIN CONSTRUCTION
-Y5B- STA. 10+00+/-

ALL TEMPORARY PAVEMENT MARKINGS ARE PAINT. PAVEMENT MARKINGS SHOULD BE PLACED IN THE FINAL LOCATION AS SHOWN IN THE PAVEMENT MARKING PLANS. DO NOT PLACE STOP BARS ON -Y5- THROUGH LANES UNTIL THE PROPOSED TRAFFIC SIGNAL IS OPERATING IN THE FLASH MODE.

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DATE: 3/30/2018

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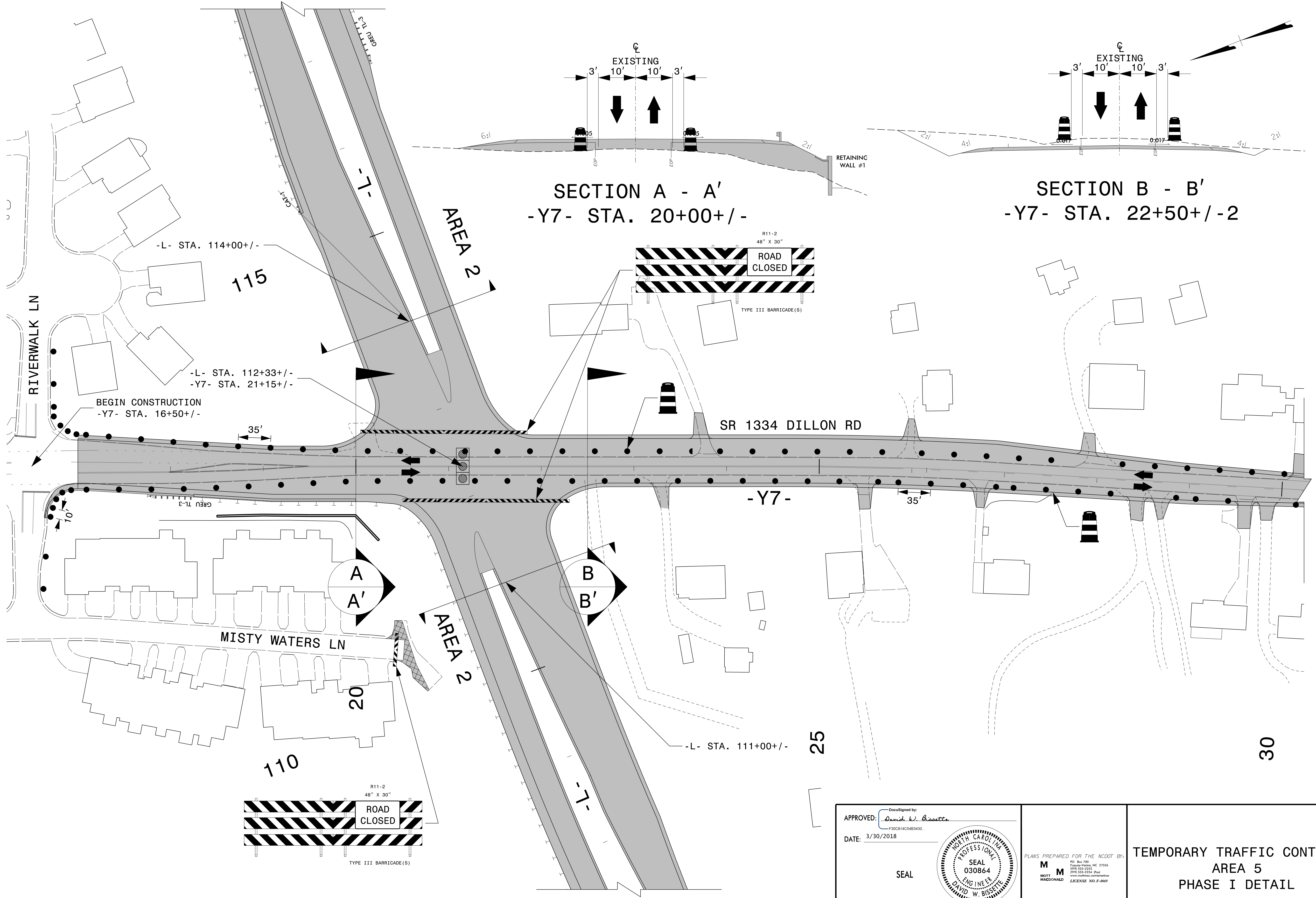
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TEMPORARY TRAFFIC CONTROL
AREA 4
PHASE II DETAIL

3/30/2018
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 User: b1582185



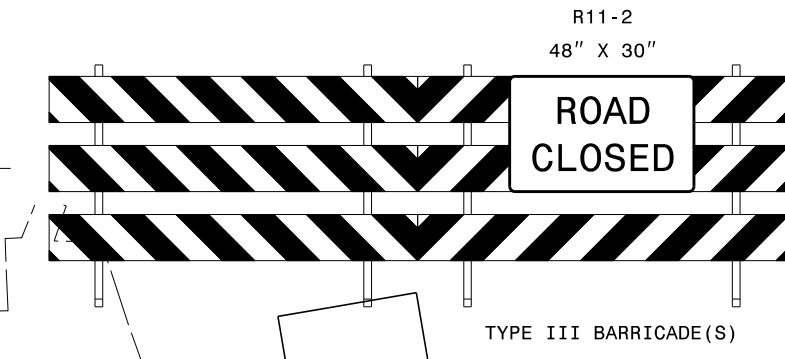
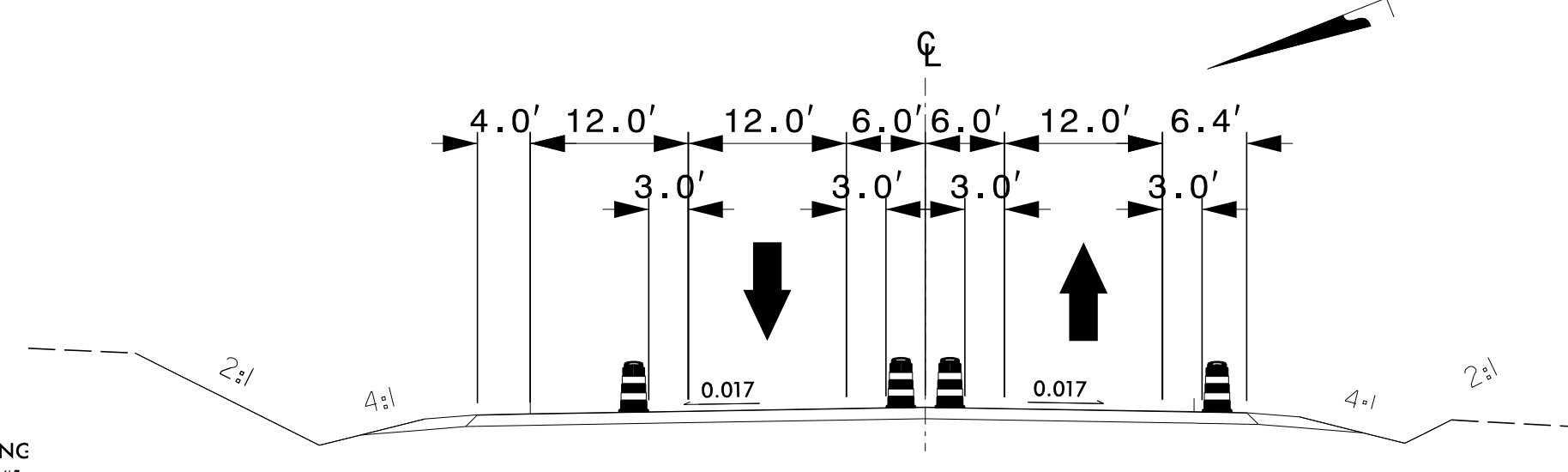
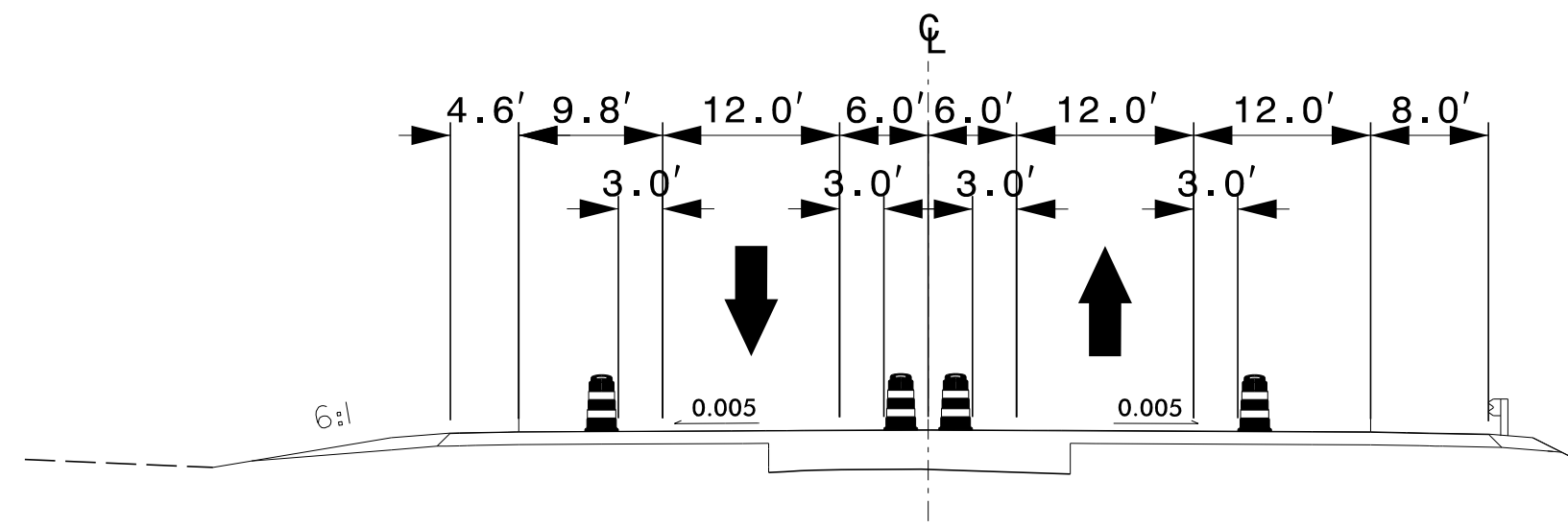
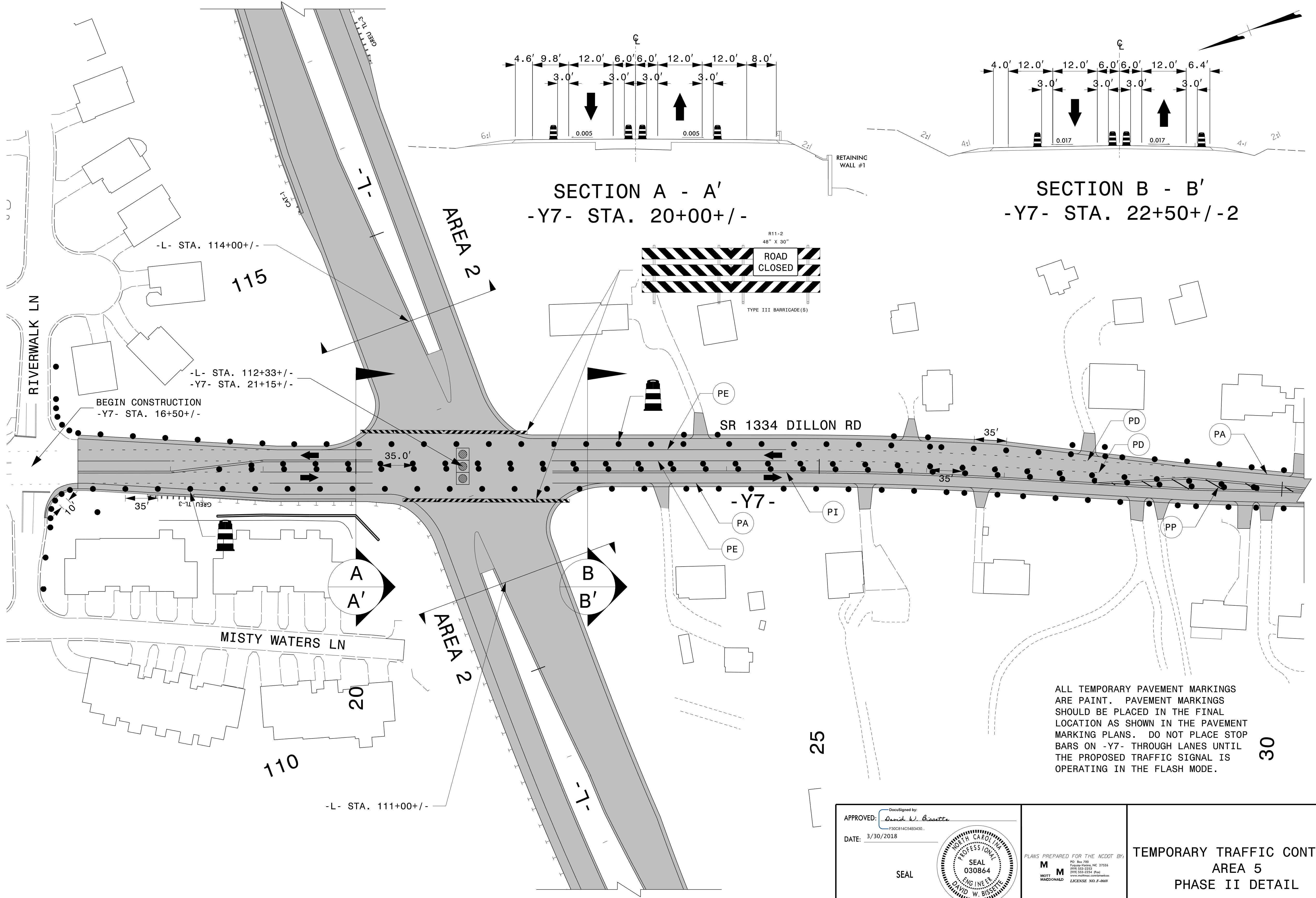
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TEMPORARY TRAFFIC CONTROL
AREA 5
PHASE I DETAIL

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APPROVED: *David W. Bissette*
DATE: 3/30/2018

SEAL

SEAL
030864
ENGINEER
DAVID W. BISSETTE

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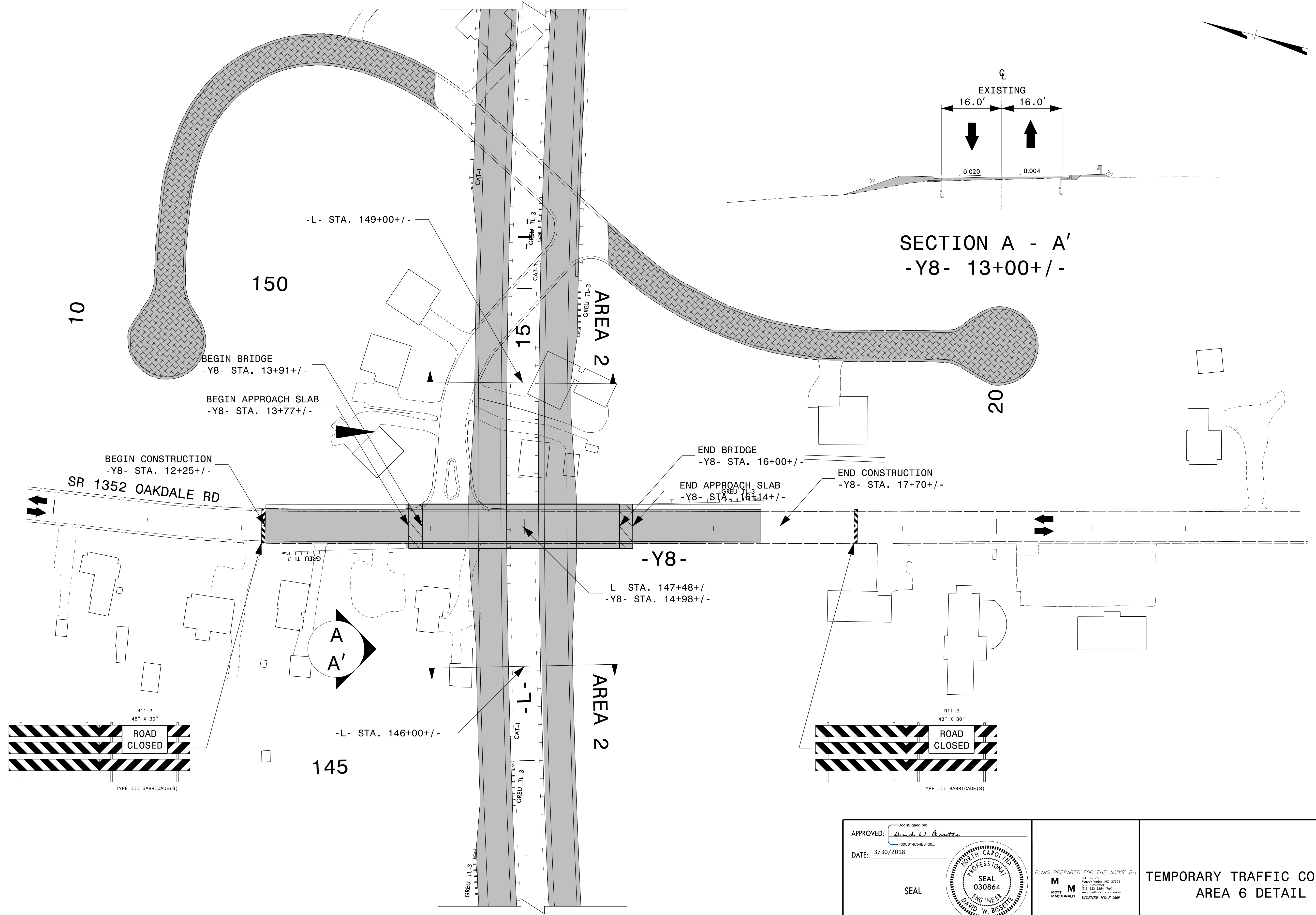
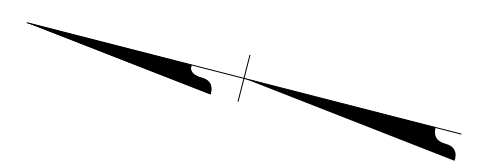
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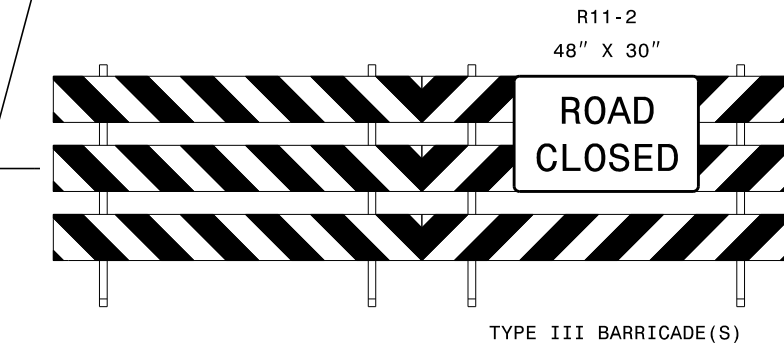
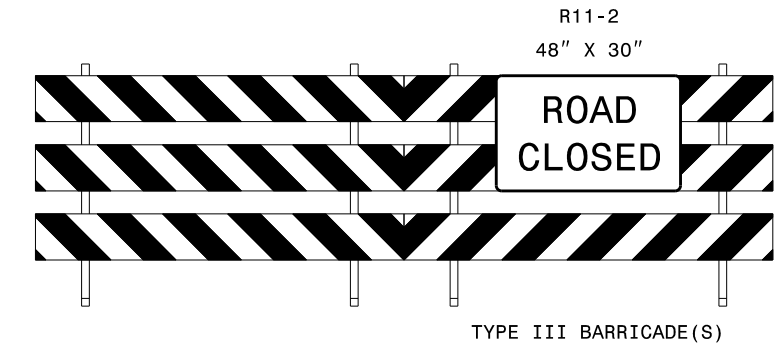
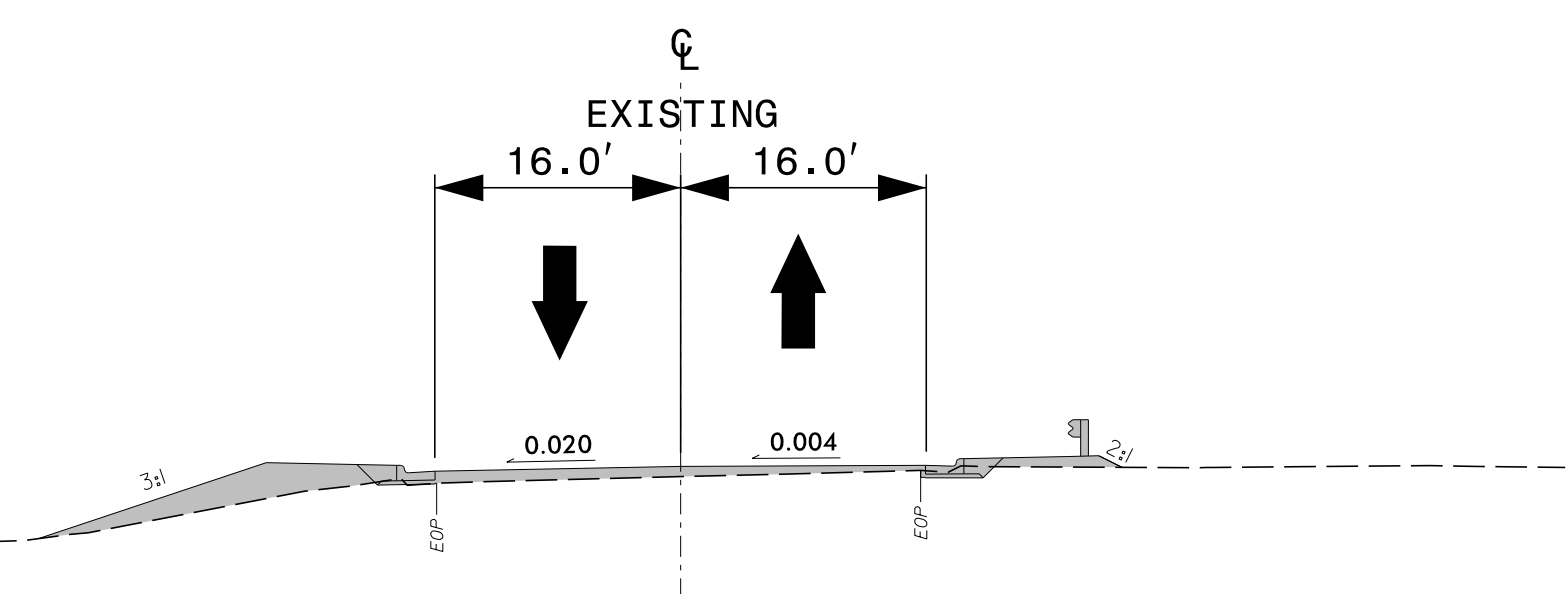
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919-552-2254 Fax
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**TEMPORARY TRAFFIC CONTROL
AREA 5
PHASE II DETAIL**

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 User: bissette



SECTION A - A'
-Y8- 13+00+/-



APPROVED: *David W. Bisette*
DocuSigned by:
 F30C814C54B343D

DATE: 3/30/2018

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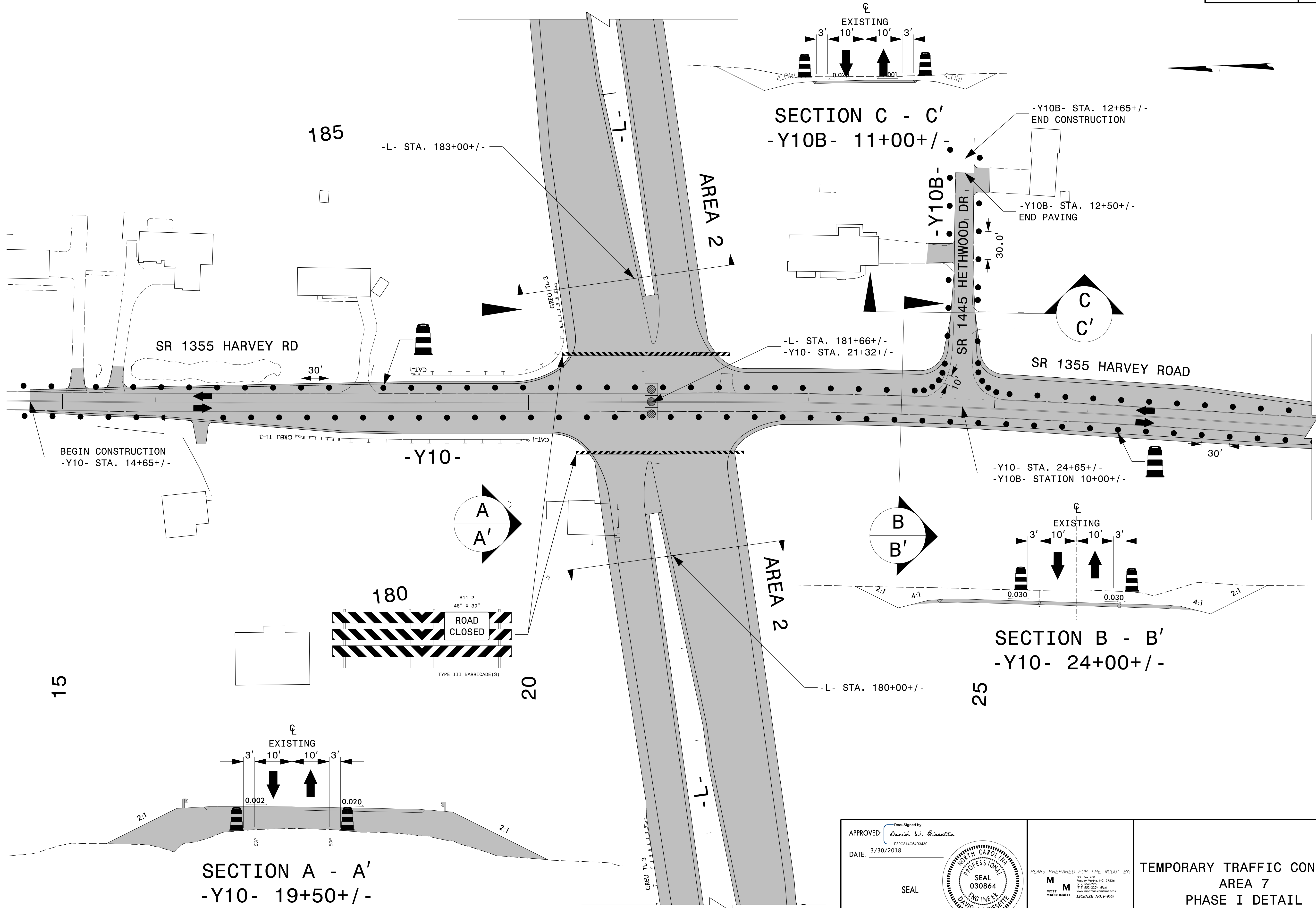
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MACDONALD

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MACDONALD

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TEMPORARY TRAFFIC CONTROL
AREA 6 DETAIL

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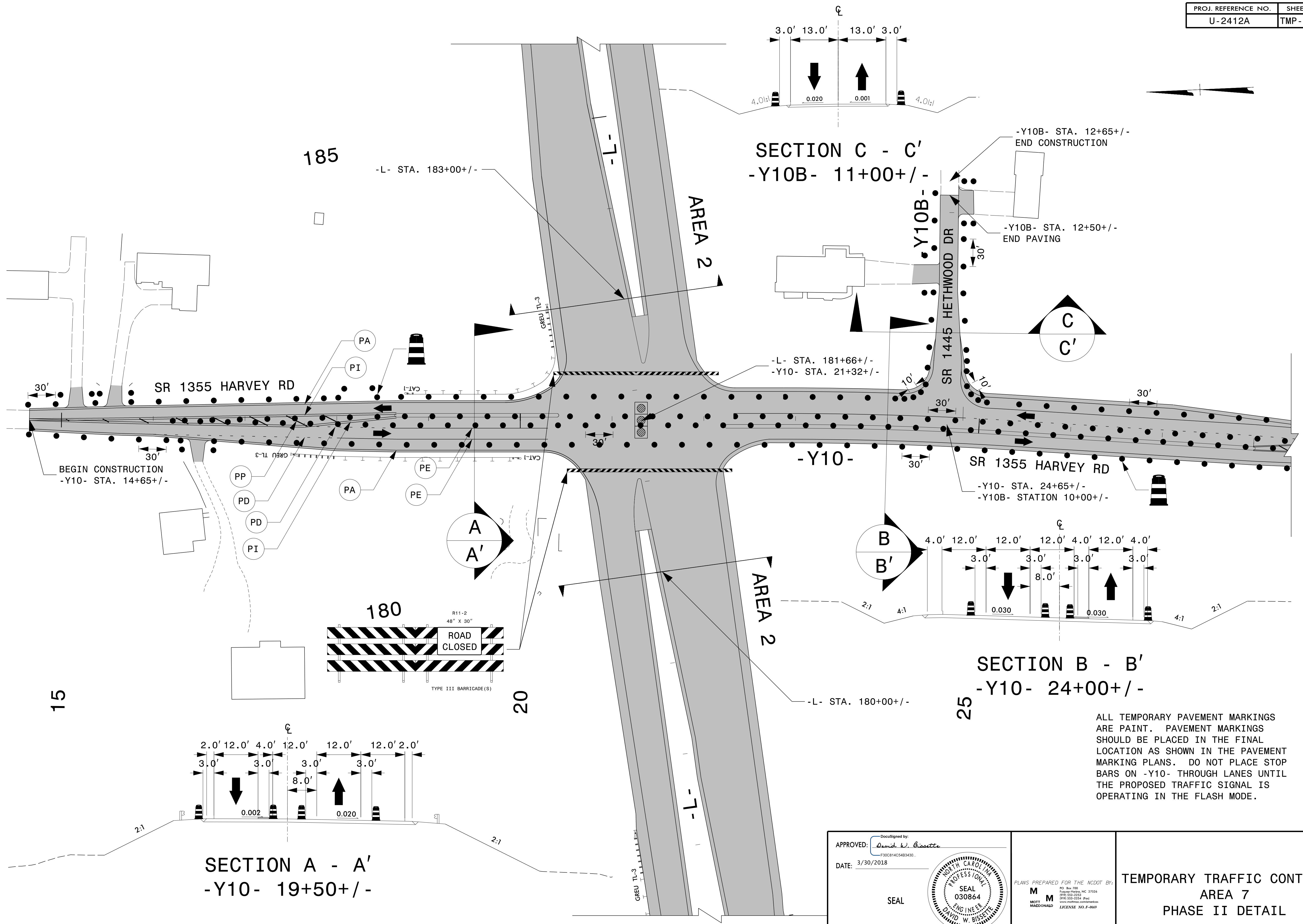


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 DATE: 3/30/2018
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 MOTT MACDONALD
 LICENSE NO. F-8669

**TEMPORARY TRAFFIC CONTROL
 AREA 7
 PHASE I DETAIL**



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APPROVED: *David W. Bisette*
 DATE: 3/30/2018

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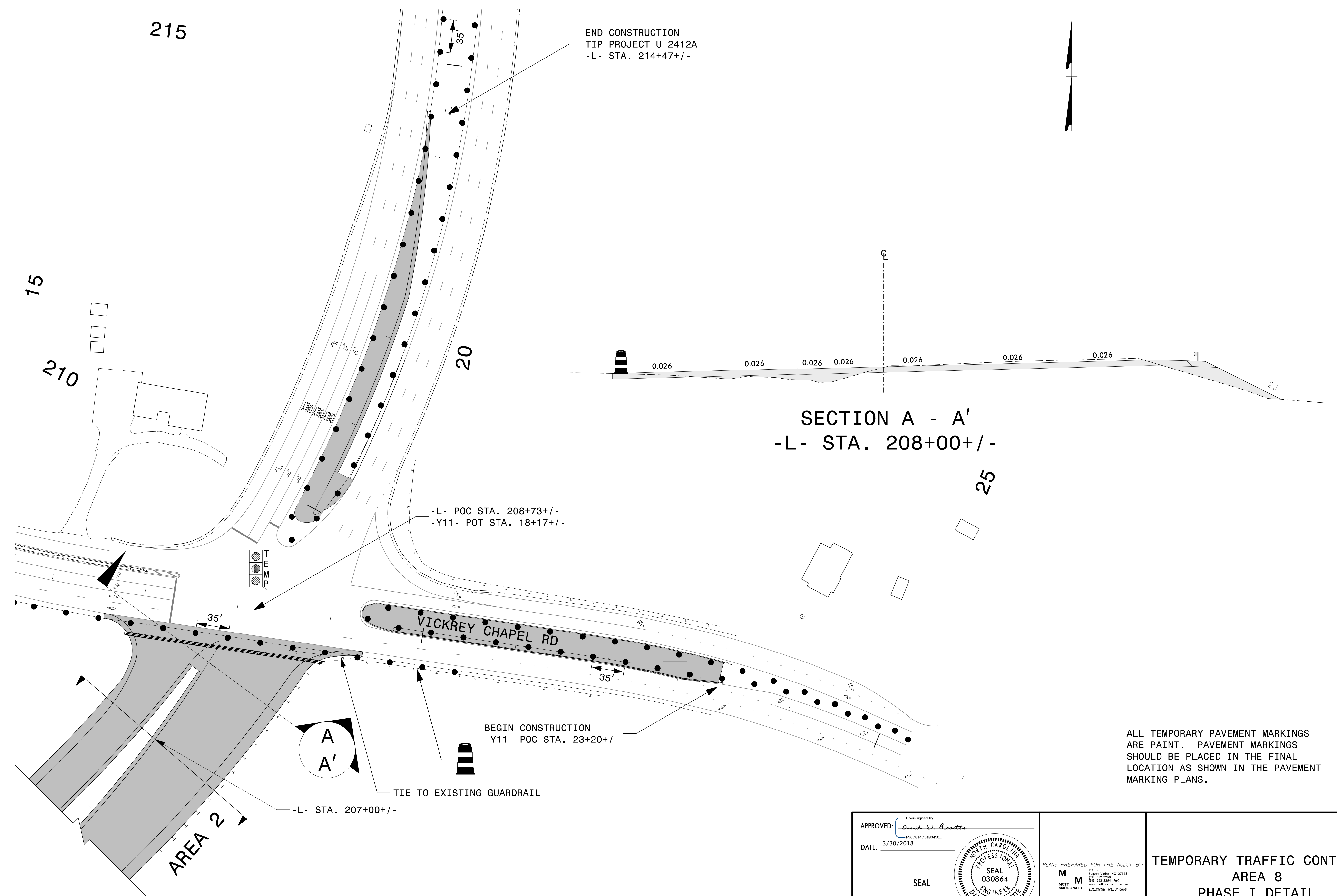
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TEMPORARY TRAFFIC CONTROL
 AREA 7
 PHASE II DETAIL

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APPROVED: *David W. Bissette*
DATE: 3/30/2018

SEAL

SEAL
030864
ENGINEER
DAVID W. BISSETTE

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TEMPORARY TRAFFIC CONTROL
AREA 8
PHASE I DETAIL

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