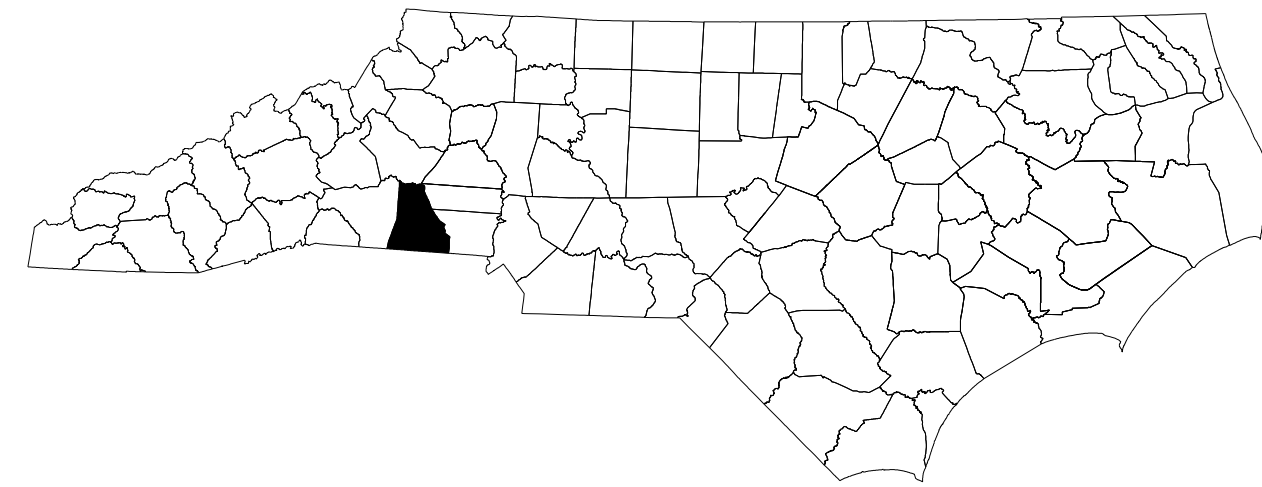


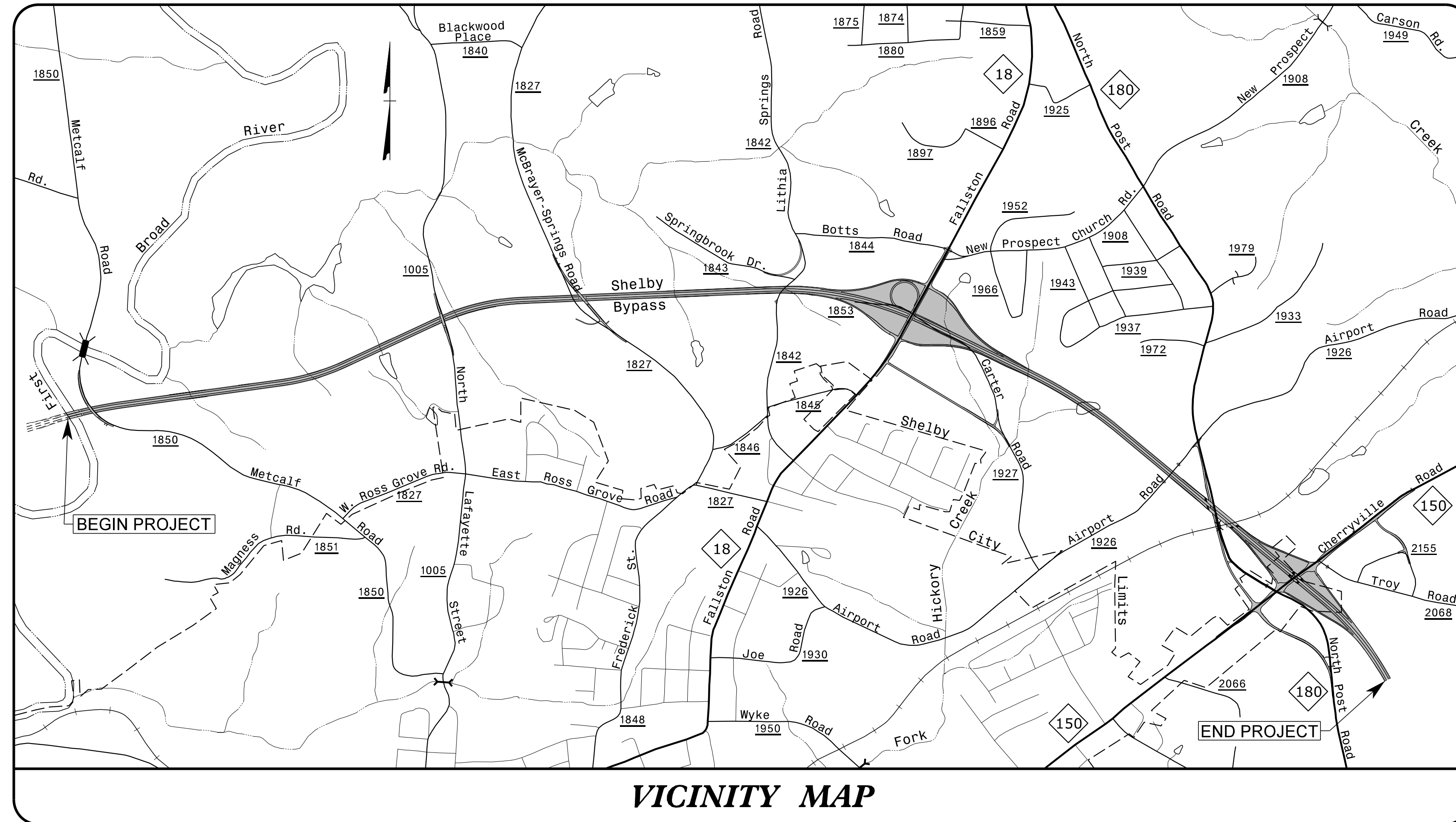
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

CLEVELAND COUNTY



LOCATION: US 74 SHELBY BYPASS FROM EAST OF NC 226 TO EAST OF NC 150



VICINITY MAP

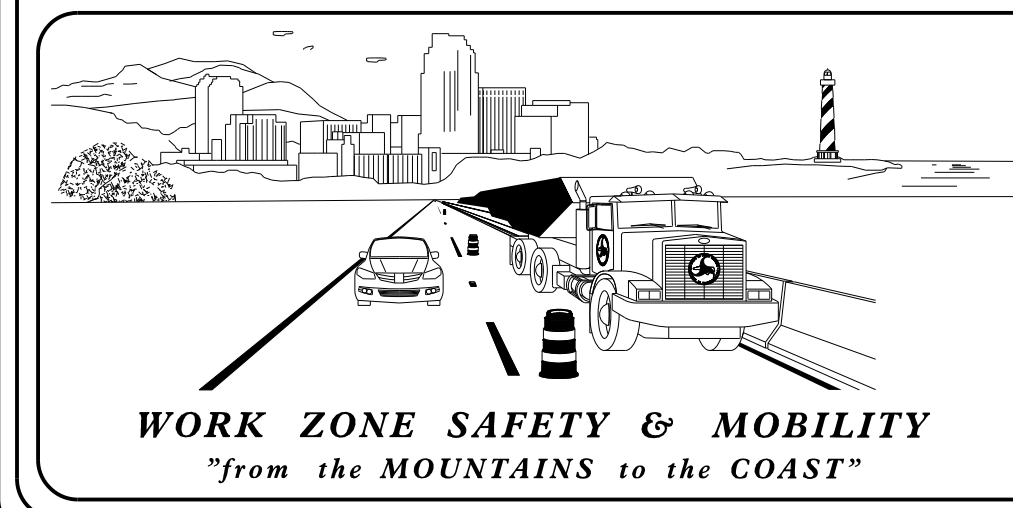
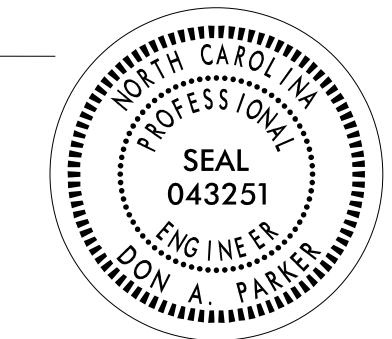
SHEET NO.	TITLE
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-1B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES AND LOCAL NOTES)
TMP-2	TEMPORARY SHORING NOTES
TMP-2A	PORTABLE CONCRETE BARRIER AT TEMPORARY SHORING LOCATIONS
TMP-2B	SPECIAL SIGN DESIGNS - METCALF ROAD AND NORTH LAFAYETTE STREET
TMP-3	TEMPORARY TRAFFIC CONTROL PHASING
TMP-3A	TEMPORARY TRAFFIC CONTROL PHASING
TMP-3B	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4	SITE OVERVIEW
-L- LINE	
TMP-5 THRU TMP-13	PHASE I DETAILS
SITE 1	
TMP-14	PHASE I - OFF-SITE DETOUR - METCALF RD. (-Y2-)
TMP-15	PHASE I DETAILS - METCALF RD. (-Y2-)
SITE 2	
TMP-16	PHASE I - OFF-SITE DETOUR - NORTH LAFAYETTE ST. (-Y3-)
TMP-17	PHASE I DETAILS - NORTH LAFAYETTE ST. (-Y3-)
SITE 3	
TMP-18	PHASE I DETAILS - McBRAYER-SPRINGS RD. (-Y4-REV) AND SERVICE ROAD 1 (-Y18-)
TMP-19	PHASE II DETAILS - McBRAYER-SPRINGS RD. (-Y4-REV) AND SERVICE ROAD 1 (-Y18-)
SITE 4	
TMP-20	PHASE I DETAILS - LITHIA SPRINGS RD. (-Y5-)
TMP-21	PHASE II DETAILS - LITHIA SPRINGS RD. (-Y5-)
SITE 5	
TMP-22 THRU TMP-23	PHASE I DETAILS - FALLSTON RD. (-Y9- & -Y9DET-) & CARTER RD. (-Y8-REV & -Y8A-)
TMP-24 THRU TMP-28	PHASE II DETAILS AND CROSS-SECTIONS - FALLSTON RD. (-Y9- & -Y9DET-) & CARTER RD. (-Y8-REV- & -Y8A-)
TMP-29 THRU TMP-32	PHASE III DETAILS AND CROSS-SECTIONS - FALLSTON RD. (-Y9- & -Y9DET-)
TMP-33 THRU TMP-34	PHASE IV DETAILS AND CROSS-SECTIONS - FALLSTON RD. (-Y9- & -Y8-REV)
SITE 6	
TMP-35 THRU TMP-43	PHASE I DETAILS AND CROSS-SECTIONS - NORTH POST RD. (-Y11-REV2, -Y11A-, & -Y11B-), CHERRYVILLE RD. (-Y14-), & N. LAKEWOOD DR. (-Y16-REV & -Y16A-)
TMP-44 THRU TMP-52	PHASE II DETAILS AND CROSS-SECTIONS - NORTH POST RD. (-Y11-REV2, -Y11A-, & -Y11B-), CHERRYVILLE RD. (-Y14-), N. LAKEWOOD DR. (-Y16-REV & -Y16A-), & TROY RD. (-Y15-)
TMP-53 THRU TMP-56	PHASE III DETAILS AND CROSS-SECTIONS - NORTH POST RD. (-Y11-REV2, -Y11A-, & -Y11B-), CHERRYVILLE RD. (-Y14-), & N. LAKEWOOD DR. (-Y16-REV & -Y16A-),

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APPROVED: *Don A. Parker*

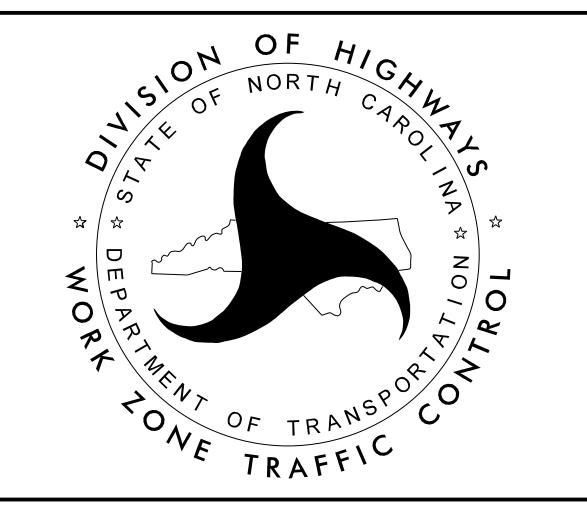
DATE: 2/16/2017

SEAL



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
D. A. PARKER, P.E. TRAFFIC CONTROL PROJECT ENGINEER
TRAFFIC CONTROL PROJECT DESIGN ENGINEER
S. B. COATS TRAFFIC CONTROL DESIGN ENGINEER



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R-2707C

TIP PROJECT:

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
1101.06	WARNING SIGNS FOR BLASTING ZONES
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
1170.01	POSITIVE PROTECTION
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
1205.06	PAVEMENT MARKINGS - LANE DROPS
1205.07	PAVEMENT MARKINGS - PEDESTRIAN CROSSWALKS
1205.08	PAVEMENT MARKINGS - SYMBOLS AND WORD MESSAGES
1205.09	PAVEMENT MARKINGS - PAINTED ISLANDS
1205.10	PAVEMENT MARKINGS - SCHOOL AREAS
1205.11	PAVEMENT MARKINGS - RAILROAD CROSSINGS
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
1261.01	GUARDRAIL AND BARRIER DELINEATORS - INSTALLATION SPACING
1261.02	GUARDRAIL AND BARRIER DELINEATORS - TYPES AND MOUNTING
1262.01	GUARDRAIL END DELINEATION
1264.01	OBJECT MARKERS - TYPES
1264.02	OBJECT MARKERS - INSTALLATION

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
- ONGOING CONSTRUCTION
- USER DEFINED (IF NEEDED)

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

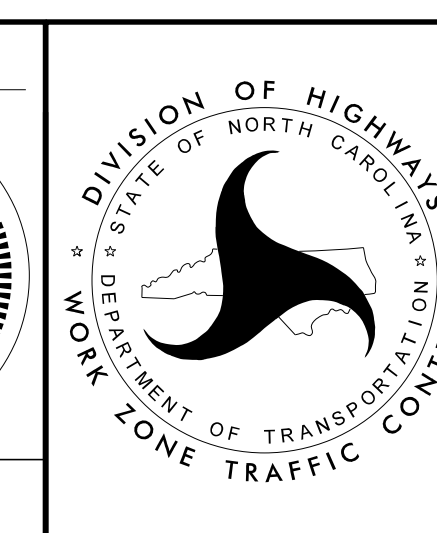
TEMPORARY PAVEMENT MARKING

- CA - WHITE EDGELINE (COLD APPLIED PLASTIC - TYPE 4) - 4"
- CB - YELLOW EDGELINE (COLD APPLIED PLASTIC - TYPE 4) - 4"
- CC - 10 FT. WHITE SKIP (COLD APPLIED PLASTIC - TYPE 4) - 4"
- CI - YELLOW DOUBLE CENTER (COLD APPLIED PLASTIC - TYPE 4) - 4"
- PA - WHITE EDGELINE (PAINT) - 4"
- PB - YELLOW EDGELINE (PAINT) - 4"
- PC - 10 FT. WHITE SKIP (PAINT) - 4"
- PD - 3 FT. WHITE MINISKIP (PAINT) - 4"
- PE - WHITE SOLID LANE LINE (PAINT) - 4"
- PI - YELLOW DOUBLE CENTER (PAINT) - 4"
- PN - WHITE GORELINE (PAINT) - 8"
- PP - YELLOW DIAGONAL (PAINT) - 8"
- P13- 3 FT. WHITE MINISKIP (PAINT) - 8"
- P2 - WHITE STOP BAR (PAINT) - 24"
- QA - LEFT TURN ARROW
- QB - RIGHT TURN ARROW
- QC - STRAIGHT ARROW
- QD - COMBO. LEFT/STRIGHT ARROW
- QN - 24" YIELD LINE TRIANGLE

APPROVED: *Don A. Parker*
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DATE: 2/16/2017

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



ROADWAY STANDARD
DRAWINGS & LEGEND

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 UNDESIRABLE 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
NC 18 (-Y9-)	MONDAY THRU FRIDAY 7:00 A.M. TO 9:00 A.M. 4:00 P.M. TO 6:00 P.M.
NC 180 (-Y11-REV2)	MONDAY THRU FRIDAY 7:00 A.M. TO 9:00 A.M. 4:00 P.M. TO 6:00 P.M.
NC 150 (-Y14-)	MONDAY THRU FRIDAY 7:00 A.M. TO 9:00 A.M. 4:00 P.M. TO 6:00 P.M.

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

ROAD NAME
NC 18 (-Y9-)
NC 180 (-Y11-REV2)
NC 150 (-Y14-)

HOLIDAY

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

C) DO NOT STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION & OPERATION
NC 180 (-Y11-REV2)	MONDAY THRU SUNDAY	30 MINUTES FOR TRAFFIC SHIFTS, PAVEMENT TIE-INS, PAVEMENT MARKING TIE-INS, AND BRIDGE GIRDER INSTALLATION
NC 150 (-Y14-)	5:00 A.M. TO 9:00 P.M.	

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

LANE AND SHOULDER CLOSURE REQUIREMENTS

E) REMOVE LANE CLOSURE DEVICES FROM THE LANE WHEN WORK IS NOT BEING PERFORMED BEHIND THE LANE CLOSURE OR WHEN A LANE CLOSURE IS NO LONGER NEEDED, OR AS DIRECTED BY THE ENGINEER.

F) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING WITHIN 15 FT OF AN AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN SHOULDER USING ROADWAY STANDARD DRAWING NO. 1101.04 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL OR A LANE CLOSURE IS INSTALLED.

G) WHEN PERSONNEL AND/OR EQUIPMENT ARE WORKING ON THE SHOULDER ADJACENT TO AN UNDIVIDED FACILITY AND WITHIN 5 FT OF AN OPEN TRAVEL LANE, CLOSE THE NEAREST OPEN TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02 UNLESS THE WORK AREA IS PROTECTED BY BARRIER OR GUARDRAIL.

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

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

I) 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.

J) PROVIDE TRAFFIC CONTROL FOR APPROPRIATE LANE CLOSURES FOR SURVEYING DONE BY THE DEPARTMENT.

PAVEMENT EDGE DROP OFF REQUIREMENTS

K) 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.

L) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 350 FT. IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

N) 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.

O) 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.

P) 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.

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

R) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 350 FT. IN ADVANCE OF AN UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

TRAFFIC CONTROL DEVICES

S) 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.

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

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
STRUCTURES	COLD APPLIED PLASTIC (IV)	TEMPORARY

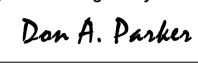
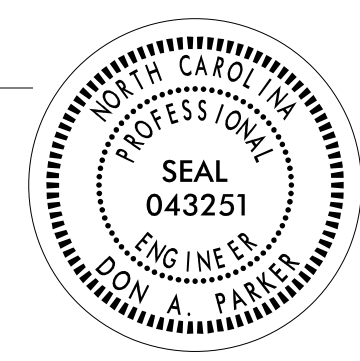

V) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.

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.

MISCELLANEOUS

Y) LAW ENFORCEMENT BE USED TO MAINTAIN TRAFFIC THROUGH THE WORK AREA AND/OR INTERSECTIONS AS DIRECTED BY THE ENGINEER.

APPROVED:  DATE: 2/16/2017 		<h1>TRANSPORTATION OPERATIONS PLAN</h1>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

SHORING LOCATION NO.	FROM STATION AND OFFSET	TO STATION AND OFFSET	ESTIMATED AVERAGE HEIGHT	ESTIMATED MAXIMUM HEIGHT	SHORING LOCATION TYPE
NO. 1	STA. 31+43+/- -Y11-REV2 26.5 FT. LT.	STA. 31+98+/- -Y11-REV2 26.5 FT. LT.	8.2 FT.	11.5 FT.	STRUCTURE
NO. 2	STA. 32+82+/- -Y11-REV2 26.5 FT. LT.	STA. 33+26+/- -Y11-REV2 26.5 FT. LT.	8.1 FT.	11.0 FT.	STRUCTURE

TEMPORARY SHORING NOTES

SHORING LOCATION NO. 1

FOR TEMPORARY SHORING AND POSITIVE PROTECTION FOR TEMPORARY SHORING, SEE PLANS AND TEMPORARY SHORING PROVISION.
TEMPORARY SHORING IS REQUIRED FOR THE END BENT INSTALLATION FROM STA. 31+43+/- -Y11-REV2, 26.5' LT., TO STA. 31+98+/- -Y11-REV2, 26.5' LT..

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

DESIGN TEMPORARY SHORING FROM STA. 31+43+/- -Y11-REV2, 26.5' LT., TO STA. 31+98+/- -Y11-REV2, 26.5' LT., FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

UNIT WEIGHT (γ) = 120 LB/CF
FRICTION ANGLE (ϕ) = 30 DEGREES
COHESION (c) = 0 LB/SF
GROUNDWATER ELEVATION = 916 FT

LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STA. 31+43+/- -Y11-REV2, 26.5' LT., TO STA. 31+98+/- -Y11-REV2, 26.5' LT.. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STA. 31+43+/- -Y11-REV2, 26.5' LT., TO STA. 31+98+/- -Y11-REV2, 26.5' LT..

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STA. 31+43+/- -Y11-REV2, 26.5' LT., TO STA. 31+98+/- -Y11-REV2, 26.5' LT.. SEE STANDARD DRAWING NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STA. 31+43+/- -Y11-REV2, 26.5' LT., TO STA. 31+98+/- -Y11-REV2, 26.5' LT., FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

SHORING LOCATION NO. 2

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

TEMPORARY SHORING IS REQUIRED FOR THE END BENT INSTALLATION FROM STA. 32+82+/- -Y11-REV2, 26.5' LT., TO STA. 33+26+/- -Y11-REV2, 26.5' LT..

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

DESIGN TEMPORARY SHORING FROM STA. 32+82+/- -Y11-REV2, 26.5' LT., TO STA. 33+26+/- -Y11-REV2, 26.5' LT., FOR THE FOLLOWING ASSUMED SOIL PARAMETERS AND GROUNDWATER ELEVATION:

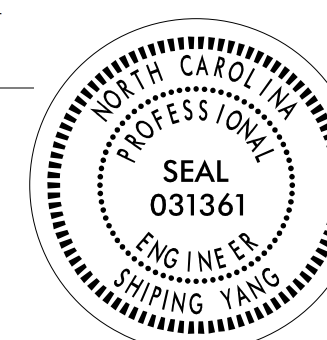
UNIT WEIGHT (γ) = 120 LB/CF
FRICTION ANGLE (ϕ) = 30 DEGREES
COHESION (c) = 0 LB/SF
GROUNDWATER ELEVATION = 916 FT

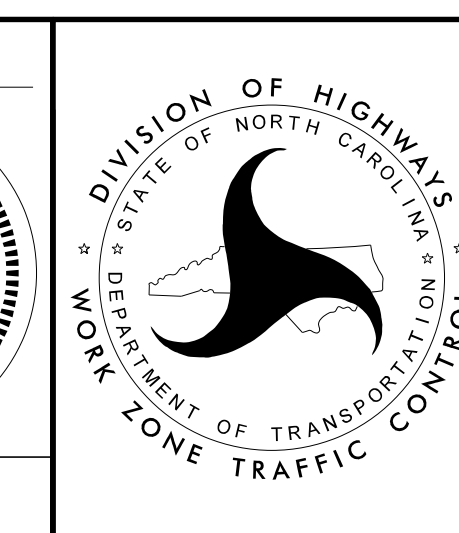
LIMITED SUBSURFACE INFORMATION IS AVAILABLE IN THE VICINITY OF TEMPORARY SHORING FROM STA. 32+82+/- -Y11-REV2, 26.5' LT., TO STA. 33+26+/- -Y11-REV2, 26.5' LT.. THE INFORMATION PROVIDED FOR TEMPORARY SHORING DESIGN WAS ASSUMED AND MAY NOT BE APPLICABLE TO THE ACTUAL SITE CONDITIONS ENCOUNTERED DURING CONSTRUCTION.

DO NOT USE A TEMPORARY WALL FOR TEMPORARY SHORING FROM STA. 32+82+/- -Y11-REV2, 26.5' LT., TO STA. 33+26+/- -Y11-REV2, 26.5' LT..

AT THE CONTRACTOR'S OPTION, USE STANDARD TEMPORARY SHORING FOR TEMPORARY SHORING FROM STA. 32+82+/- -Y11-REV2, 26.5' LT., TO STA. 33+26+/- -Y11-REV2, 26.5' LT.. SEE STANDARD DRAWING NO. 1801.01 FOR STANDARD TEMPORARY SHORING.

IT MAY BE PREFERRED TO USE A TEMPORARY SOIL NAIL WALL FOR TEMPORARY SHORING FROM STA. 32+82+/- -Y11-REV2, 26.5' LT., TO STA. 33+26+/- -Y11-REV2, 26.5' LT., FOR TEMPORARY SOIL NAIL WALLS, SEE TEMPORARY SOIL NAIL WALLS PROVISION.

APPROVED: <i>Shiping Yang</i> <small>DDDCRESEAE4K4</small>	
DATE: 2/16/2017	
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TEMPORARY SHORING NOTES

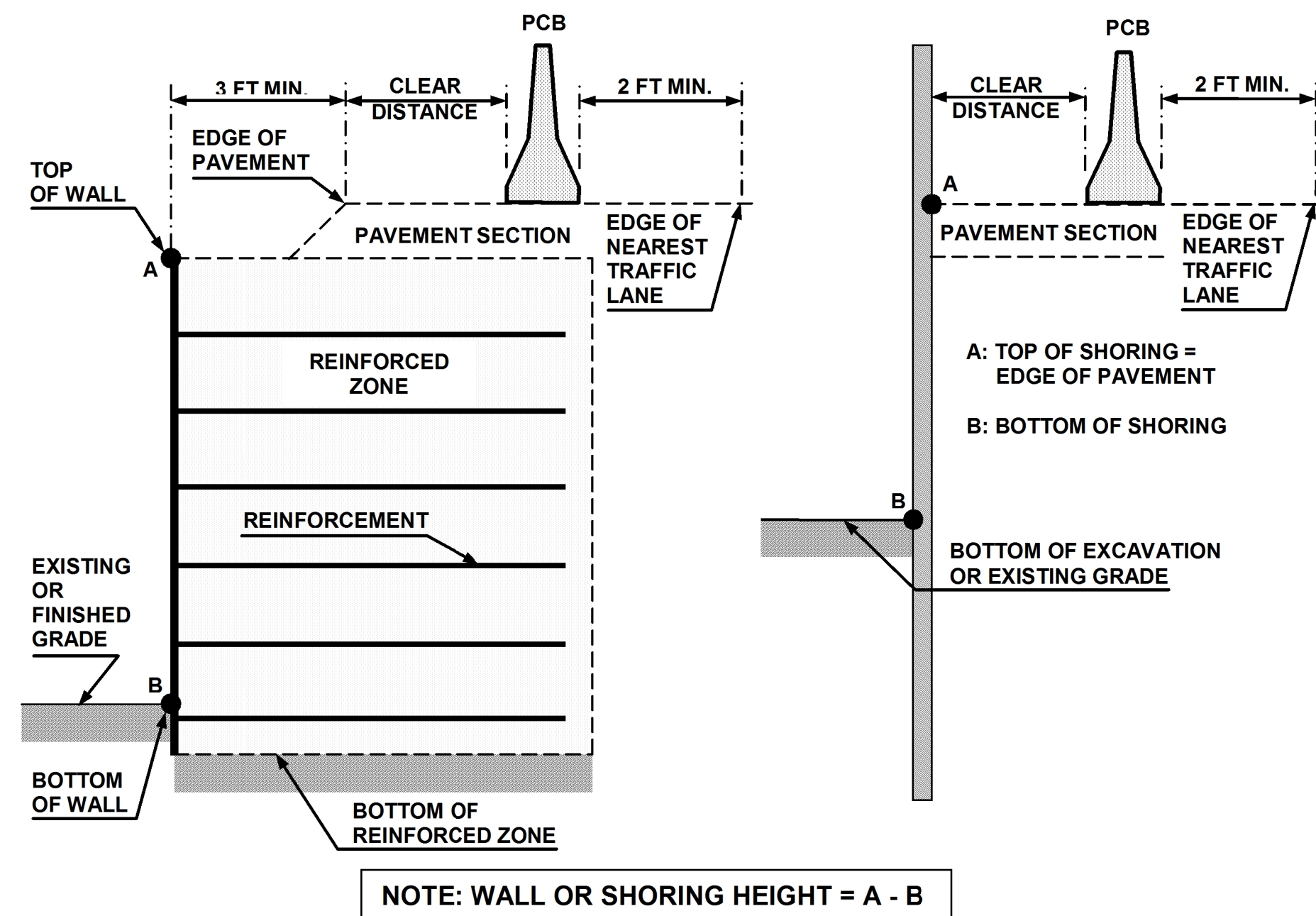


FIGURE A

NOTES

- REFER TO THE TRAFFIC CONTROL PLANS FOR TEMPORARY SHORING LOCATIONS AND NOTES.
- REFER TO THE "TEMPORARY SHORING" PROJECT SPECIAL PROVISION FOR INFORMATION ABOUT TEMPORARY SHORING AND PORTABLE CONCRETE BARRIER (PCB).
- PCB IS REQUIRED IF TEMPORARY SHORING IS LOCATED WITHIN THE CLEAR ZONE IN ACCORDANCE WITH THE AASHTO ROADSIDE DESIGN GUIDE. DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE. (CONTACT NCDOT PAVEMENT MANAGEMENT UNIT FOR APPLICABLE PAVEMENT DESIGN).
- BASED ON THE CLEAR DISTANCE, OFFSET, DESIGN SPEED AND PAVEMENT TYPE, CHOOSE AN UNANCHORED OR ANCHORED PCB FROM THE TABLE SHOWN IN FIGURE B. CLEAR DISTANCE IS DEFINED AS SHOWN IN FIGURE A AND OFFSET IS DEFINED AS SHOWN IN FIGURE B.
- AT THE CONTRACTOR'S OPTION OR IF THE MINIMUM REQUIRED CLEAR DISTANCE IS NOT AVAILABLE, SET PCB NEXT TO AND UP AGAINST THE TRAFFIC SIDE OF THE TEMPORARY SHORING EXCEPT FOR BARRIER ABOVE TEMPORARY WALLS. PCB WITH THE MINIMUM REQUIRED CLEAR DISTANCE IS REQUIRED ABOVE TEMPORARY WALLS.
- USE NCDOT PORTABLE CONCRETE BARRIER (PCB) IN ACCORDANCE WITH ROADWAY STANDARD DRAWING NO. 1170.01 AND SECTION 1170 OF THE STANDARD SPECIFICATIONS.
- PCB REQUIREMENTS FOR TEMPORARY WALLS APPLY TO TEMPORARY MECHANICALLY STABILIZED EARTH (MSE) WALLS AND TEMPORARY SOIL NAIL WALLS.
- SET PCB WITH A MINIMUM HORIZONTAL DISTANCE OF 2 FT BETWEEN THE FRONT FACE OF THE BARRIER AND THE EDGE OF THE NEAREST TRAFFIC LANE AS SHOWN IN FIGURE A UNLESS OTHERWISE SHOWN IN THE PLANS AND OR AS APPROVED BY THE ENGINEER.
- FOR PCB ABOVE AND BEHIND TEMPORARY WALLS, PROVIDE A MINIMUM DISTANCE OF 3 FT BETWEEN THE EDGE OF PAVEMENT AND THE WALL FACE AS SHOWN IN FIGURE A. IF THESE MINIMUM REQUIRED DISTANCES ARE NOT AVAILABLE, CONTACT THE ENGINEER.
- TABLE SHOWN IN FIGURE B IS BASED ON NCDOT RESEARCH PROJECT NO. 2005-010 WITH VEHICLE TYPE USED FOR NCHRP 350 CRASH TESTS. BARRIER DEFLECTIONS AND RESULTING MINIMUM REQUIRED CLEAR DISTANCES MIGHT VARY SIGNIFICANTLY FOR LARGER HEAVIER VEHICLES, RUNS OF BARRIER LESS THAN 200 FT IN LENGTH AND WET OR DRY PAVEMENT.

MINIMUM REQUIRED CLEAR DISTANCE, inches

Barrier Type	Pavement Type	Offset * ft	Design Speed, mph					
			<30	31-40	41-50	51-60	61-70	71-80
Unanchored PCB	Asphalt	<8	24	26	29	32	36	40
		8-14	26	28	31	35	38	42
		14-20	27	29	34	36	39	43
		20-26	28	31	35	38	40	44
		26-32	29	32	36	39	42	45
		32-38	30	34	38	41	43	46
		38-44	31	34	41	43	45	48
		44-50	31	35	41	43	46	49
		50-56	32	36	42	44	47	50
	>56	32	36	42	45	47	51	
	Concrete	<8	17	18	21	22	25	26
		8-14	19	20	23	25	26	29
		14-20	22	22	24	26	28	31
		20-26	23	24	26	27	30	34
		26-32	24	25	27	28	32	35
		32-38	24	26	27	30	33	36
		38-44	25	26	28	30	34	37
		44-50	26	26	28	32	35	37
50-56		26	26	28	32	35	38	
>56	26	27	29	32	36	38		
Anchored PCB	Asphalt	All Offsets	24 for All Design Speeds					
Anchored PCB	Concrete (including bridge approach slabs)	All Offsets	12 for All Design Speeds					

* See Figure Below

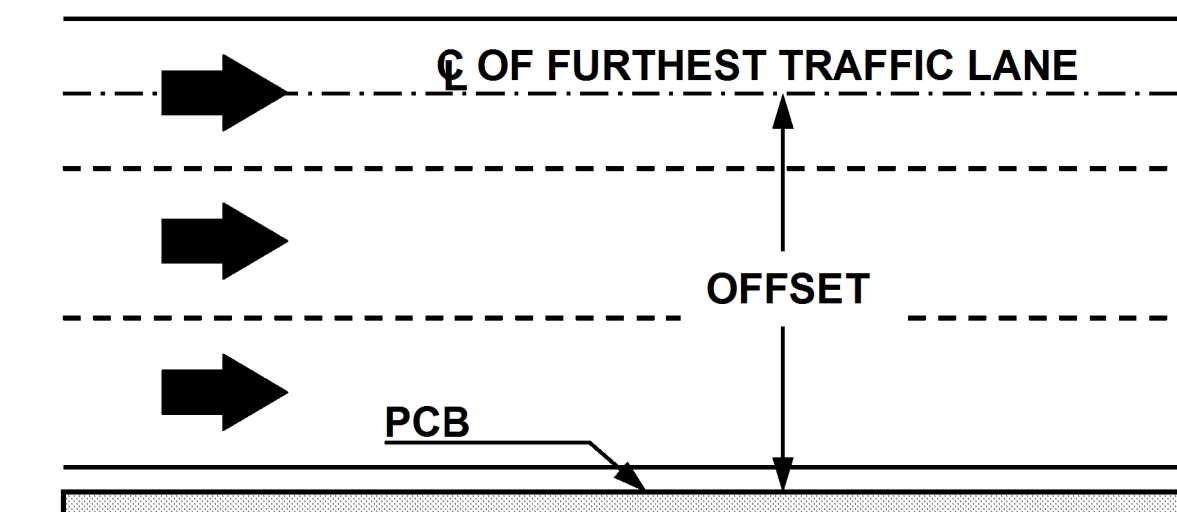
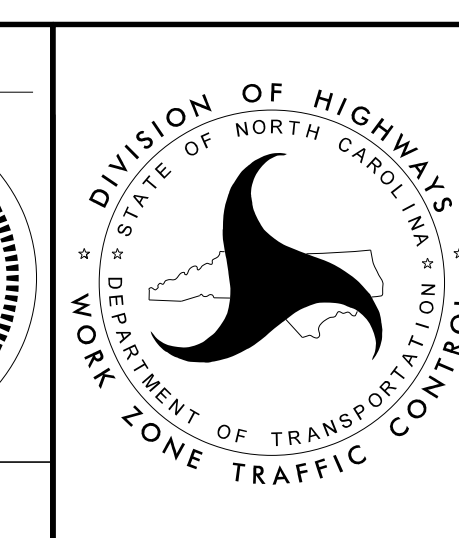


FIGURE B

APPROVED: *Don A. Parker*
4004282619410...
 DATE: 2/16/2017

SEAL
 043251
 ENGINEER
 DON A. PARKER

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PORTABLE CONCRETE
 BARRIER
 AT
 TEMPORARY SHORING
 LOCATIONS

TEMPORARY TRAFFIC CONTROL PHASING

PROJ. REFERENCE NO. R-2707C	SHEET NO. TMP-3
--------------------------------	--------------------

THIS PROJECT IS DIVIDED INTO THE CONSTRUCTION OF THE PROPOSED US 74 - SHELBY BYPASS (-L-) AND THE CONSTRUCTION OF SIX SITES AS FOLLOWS (SEE TMP-4):

- SITE 1 - STA. 21+75+/- -Y2- TO STA. 33+75+/- -Y2-
STA. 385+15+/- -L- TO STA. 389+00+/- -L-
- SITE 2 - STA. 16+15+/- -Y3- TO STA. 27+25+/- -Y3-
STA. 448+50+/- -L- TO STA. 451+00+/- -L-
- SITE 3 - STA. 15+02+/- -Y4-REV TO STA. 34+76+/- -Y4-REV
STA. 12+00+/- -Y18- TO STA. 16+60+/- -Y18-
STA. 471+00+/- -L- TO STA. 474+00+/- -L-
- SITE 4 - STA. 20+15+/- -Y5- TO STA. 20+75+/- -Y5-
STA. 10+00+/- -Y6A- TO STA. 20+70+/- -Y6A-
STA. 10+12+/- -DR3- TO STA. 11+33+/- -DR3-
STA. 507+00+/- -L- TO STA. 513+00+/- -L-
- SITE 5 - STA. 24+12+/- -Y8- TO STA. 24+85+/- -Y8-
STA. 33+00+/- -Y8A- TO STA. 35+97+/- -Y8A-
STA. 10+24+/- -Y8-REV TO STA. 36+00+/- -Y8-REV
STA. 11+06+/- -Y9DET- TO STA. 24+22+/- -Y9DET-
STA. 10+70+/- -Y9- TO STA. 36+00+/- -Y9-
STA. 19+45+/- -Y9RPA- TO STA. 20+94+/- -Y9RPA-
STA. 18+60+/- -Y9RPB- TO STA. 20+00+/- -Y9RPB-
STA. 14+77+/- -Y9RPC- TO STA. 16+27+/- -Y9RPC-
STA. 2+55+/- -Y9RPD- TO STA. 8+50+/- -Y9RPD-
STA. 14+90+/- -Y9RPD- TO STA. 16+29+/- -Y9RPD-
STA. 528+75+/- -L- TO STA. 544+50+/- -L-
- SITE 6 - STA. 20+30+/- -Y10- TO STA. 20+72+/- -Y10-
STA. 24+30+/- -Y10- TO STA. 24+72+/- -Y10-
STA. 46+10+/- -Y11A- TO STA. 46+52+/- -Y11A-
STA. 17+72+/- -Y11-REV2 TO STA. 69+85+/- -Y11-REV2
STA. 12+50+/- -Y14- TO STA. 55+00+/- -Y14-
STA. 14+79+/- -Y14RPA- TO STA. 15+71+/- -Y14RPA-
STA. 13+02+/- -Y14RPB- TO STA. 13+61+/- -Y14RPB-
STA. 11+45+/- -Y14RPC- TO STA. 12+37+/- -Y14RPC-
STA. 12+00+/- -Y14RPD- TO STA. 17+45+/- -Y14RPD-
STA. 25+75+/- -Y15- TO STA. 26+17+/- -Y15-
STA. 13+75+/- -Y16A- TO STA. 15+00+/- -Y16A-
STA. 10+00+/- -Y16-REV TO STA. 19+91+/- -Y16-REV
STA. 11+05+/- -DR1- TO STA. 12+76+/- -DR1-
STA. 10+60+/- -DR2- TO STA. 11+69+/- -DR2-
STA. 10+18+/- -SR2- TO STA. 19+58+/- -SR2-
STA. 592+20+/- -L- TO STA. 597+25+/- -L-
STA. 610+85+/- -L- TO STA. 611+78+/- -L-

THE CONTRACTOR MAY WORK CONCURRENTLY ON PROPOSED US 74 (-L-) AND -Y- LINES. ALL SIX SITES MAY BE CONSTRUCTED INDEPENDENTLY.

NOTE: BEFORE BEGINNING CONSTRUCTION THE CONTRACTOR SHALL PLACE ADVANCE WORK ZONE WARNING SIGNS ALONG ALL -Y- LINES (SEE RSD 1101.01, SHEET 3 OF 3)

THE FOLLOWING NOTES ARE APPLICABLE FOR -L- AND ALL -Y- LINES.

- NOTE: CONTRACTOR SHALL CONSTRUCT ALL PAVEMENT (TEMPORARY AND/OR PROPOSED) TO MAINTAIN DRAINAGE AND NOT POND WATER IN THE TRAFFIC LANES.
 - NOTE: CONTRACTOR SHALL PLACE TRAFFIC BACK INTO THE EXISTING PATTERN AT THE END OF EACH WORK PERIOD.
 - NOTE: CONTRACTOR SHALL PLACE TYPE III BARRICADES & DRUMS AT ALL -Y- LINES AND DRUMS AT ALL DRIVEWAYS TO KEEP PROPOSED/TEMPORARY WIDENING CLOSED TO TRAFFIC.
 - NOTE: TEMPORARY PAVEMENT MAY BE UTILIZED IN THE CONSTRUCTION OF PROPOSED PAVEMENT AS DIRECTED BY THE ENGINEER.
 - NOTE: WHEN CONSTRUCTING DRAINAGE STRUCTURES ADJACENT TO TRAFFIC, INSTALL TEMPORARY STEEL PLATES, AS DIRECTED BY THE ENGINEER. MAY WORK EACH LOCATION INDEPENDENTLY OR CONCURRENTLY, UNLESS OTHERWISE DIRECTED BY THE ENGINEER. WORK IN A CONTINUOUS MANNER TO PERFORM THE WORK IN THE FOLLOWING SEQUENCE, IN STEPS 'A' THRU 'E'.
- A: CLOSE THE APPROPRIATE TRAVEL LANE TO TRAFFIC USING ROADWAY STANDARD DRAWING NO. 1101.02 SHEETS 1 & 2 OF 15.
 - B: CONSTRUCT PROPOSED STRUCTURE OR INSTALL PRE-CAST DRAINAGE STRUCTURE AS SHOWN IN THE CONSTRUCTION PLANS AND COVER WITH STEEL PLATES TO PROTECT STRUCTURE DURING CURING.
 - C: OPEN TRAVEL LANE TO EXISTING TRAFFIC PATTERN BY THE END OF EACH WORK PERIOD.
 - D: WHEN PROPERLY CURED, CLOSE THE APPROPRIATE TRAVEL LANE USING ROADWAY STANDARD DRAWING NO. 1101.02, SHEETS 1 & 2 OF 15. BACKFILL & PAVE, IF REQUIRED, UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT (SEE CONSTRUCTION PLANS).
 - E: OPEN TRAVEL LANE TO EXISTING TRAFFIC PATTERN BY THE END OF THE WORK PERIOD.

CONSTRUCTION OF PROPOSED US 74 SHELBY BYPASS (-L-)

PHASE I

STEP 1. AWAY FROM TRAFFIC, CONSTRUCT PROPOSED US 74 (-L-), (INCLUDING RAMPS, SHOULDERS, CURB AND GUTTER, DRAINAGE, CULVERTS, STRUCTURES, AND RETAINING WALLS), UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-5 THRU TMP-13):

- STA. 382+01+/- -L- TO STA. 385+15+/- -L-
- STA. 389+00+/- -L- TO STA. 448+50+/- -L-
- STA. 451+00+/- -L- TO STA. 471+00+/- -L-
- STA. 474+00+/- -L- TO STA. 507+00+/- -L-
- STA. 513+00+/- -L- TO STA. 528+75+/- -L-
- STA. 544+50+/- -L- TO STA. 592+20+/- -L-
- STA. 597+25+/- -L- TO STA. 610+85+/- -L-
- STA. 611+78+/- -L- TO STA. 635+00+/- -L-
- STA. 0+00+/- -Y9RPA- TO STA. 19+45+/- -Y9RPA-
- STA. 0+00+/- -Y9RPB- TO STA. 18+60+/- -Y9RPB-
- STA. 0+00+/- -Y9RPC- TO STA. 14+77+/- -Y9RPC-
- STA. 0+00+/- -Y9RPD- TO STA. 2+55+/- -Y9RPD-
- STA. 8+50+/- -Y9RPD- TO STA. 14+90+/- -Y9RPD-
- STA. 0+00+/- -Y14RPA- TO STA. 14+79+/- -Y14RPA-
- STA. 0+00+/- -Y14RPB- TO STA. 13+02+/- -Y14RPB-
- STA. 0+00+/- -Y14RPC- TO STA. 11+45+/- -Y14RPC-
- STA. 0+00+/- -Y14RPD- TO STA. 12+00+/- -Y14RPD-

CONSTRUCTION OF PROPOSED SITE 1

ICT - 270 DAYS

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEPS 1 THRU 3 IN 270 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

PHASE I

STEP 1. USING RSD 1101.03 (SHEET 1 OF 9) AND TMP-14, CLOSE SR 1850 (METCALF ROAD) FROM STA. 21+75+/- -Y2- TO STA. 33+75+/- -Y2-.

STEP 2. AWAY FROM TRAFFIC, REMOVE EXISTING BRIDGE. CONSTRUCT NEW BRIDGE AND ROADWAY APPROACHES, DRAINAGE, GUARDRAIL, AND PAVE UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS):

- STA. 21+75+/- -Y2- TO STA. 33+75+/- -Y2-
- AWAY FROM TRAFFIC, CONSTRUCT -L- LINE, INCLUDING DRAINAGE, UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-15):
- STA. 386+55+/- -L- TO STA. 389+00+/- -L-
- AWAY FROM TRAFFIC, CONSTRUCT -DR4-, UP TO ABC BASE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-15):
- STA. 10+11+/- -DR4- TO STA. 17+26+/- -DR4-
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).

STEP 3. REMOVE ALL TYPE III BARRICADES AND DETOUR SIGNING. REOPEN SR 1850 (METCALF ROAD) TO A 2-LANE, 2-WAY TRAFFIC PATTERN.

CONSTRUCTION OF PROPOSED SITE 2

ICT - 270 DAYS

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEPS 1 THRU 3 IN 270 CALENDAR DAYS. (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATED DAMAGES).

PHASE I

STEP 1. USING RSD 1101.03 (SHEET 1 OF 9) AND TMP-16, CLOSE SR 1005 (NORTH LAFAYETTE STREET) FROM STA. 16+15+/- -Y3- TO STA. 27+25+/- -Y3-.

STEP 2. AWAY FROM TRAFFIC, REMOVE EXISTING BRIDGE. CONSTRUCT NEW BRIDGE AND ROADWAY APPROACHES, DRAINAGE, GUARDRAIL, AND PAVE UP TO AND INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS):

- STA. 16+15+/- -Y3- TO STA. 27+25+/- -Y3-
- AWAY FROM TRAFFIC, CONSTRUCT -L- LINE, INCLUDING DRAINAGE, UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-17):
- STA. 448+50+/- -L- TO STA. 451+00+/- -L-
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).

STEP 3. REMOVE ALL TYPE III BARRICADES AND DETOUR SIGNING. REOPEN SR 1005 (NORTH LAFAYETTE ST.) TO A 2-LANE, 2-WAY TRAFFIC PATTERN.

CONSTRUCTION OF PROPOSED SITE 3

PHASE I

STEP 1. AWAY FROM TRAFFIC, CONSTRUCT -Y4-REV AND -Y18-, INCLUDING NEW BRIDGE AND ROADWAY APPROACHES, DRAINAGE, GUARDRAIL, AND PAVE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-18):

- STA. 19+50+/- -Y4-REV TO STA. 30+50+/- -Y4-REV
- STA. 13+89+/- -Y18- TO STA. 15+64+/- -Y18-
- USING RSD 1101.02 (SHEET 1 OF 15), WIDEN -Y4-REV AND -Y18-, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-18):
- STA. 15+02+/- -Y4-REV TO STA. 19+50+/- -Y4-REV
- STA. 30+50+/- -Y4-REV TO STA. 34+76+/- -Y4-REV
- STA. 12+32+/- -Y18- TO STA. 13+89+/- -Y18-
- STA. 15+64+/- -Y18- TO STA. 15+85+/- -Y18-
- STA. 16+05+/- -Y18- TO STA. 16+25+/- -Y18-
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.

PHASE II

NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 1 IN A SINGLE WORK PERIOD.

STEP 1. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-19):

- STA. 15+02+/- -Y4-REV TO STA. 19+50+/- -Y4-REV
- STA. 30+50+/- -Y4-REV TO STA. 34+76+/- -Y4-REV
- STA. 12+00+/- -Y18- TO STA. 13+89+/- -Y18-
- STA. 15+64+/- -Y18- TO STA. 16+25+/- -Y18-
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-19):
- STA. 15+02+/- -Y4-REV TO STA. 34+76+/- -Y4-REV
- SHIFT TRAFFIC FROM A TWO-LANE, TWO WAY PATTERN (McBRAYER SPRINGS RD.) TO A NEW TWO-LANE, TWO WAY TRAFFIC PATTERN ON -Y4-REV.

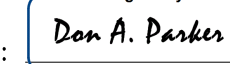
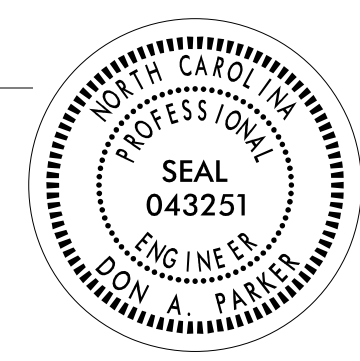
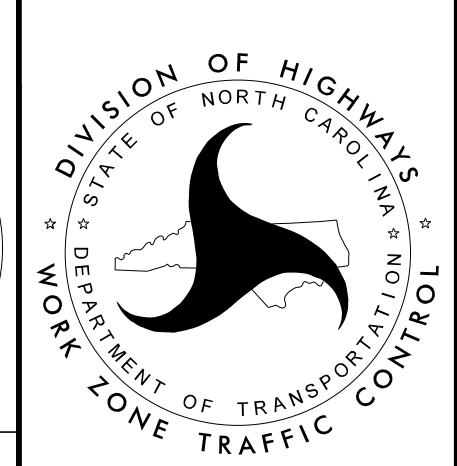
STEP 2. AWAY FROM TRAFFIC, CONSTRUCT -L- LINE, INCLUDING DRAINAGE, UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-20):

- STA. 471+00+/- -L- TO STA. 474+00+/- -L-
- REMOVE PAVEMENT AS SHOWN ON TMP-19.
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.

STEP 3. USING RSD 1101.02 (SHEET 1 OF 15), PAVE THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:

- STA. 15+02+/- -Y4-REV TO STA. 34+76+/- -Y4-REV
- STA. 12+00+/- -Y18- TO STA. 16+60+/- -Y18-
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).
- REMOVE ALL TRAFFIC CONTROL DEVICES FROM SITE 3.

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APPROVED:  DATE: 2/16/2017			<h1 style="margin: 0;">TEMPORARY TRAFFIC CONTROL PHASING</h1>
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TEMPORARY TRAFFIC CONTROL PHASING

CONSTRUCTION OF PROPOSED SITE 4

PHASE I

- STEP 1. AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15) AS NECESSARY, CONSTRUCT -Y6A- AND -DR3-, INCLUDING DRAINAGE, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-20):
- STA. 13+60+/- -Y6A- TO STA. 17+90+/- -Y6A-
 - STA. 10+12+/- -DR3- TO STA. 10+90+/- -DR3-
- USING RSD 1101.02 (SHEET 1 OF 15), WIDEN -Y6A-, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-20):
- STA. 11+64+/- -Y6A- TO STA. 13+60+/- -Y6A-
 - STA. 17+90+/- -Y6A- TO STA. 20+70+/- -Y6A-

PHASE II

NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 1 IN A SINGLE WORK PERIOD.

- STEP 1. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-21):
- STA. 10+00+/- -Y6A- TO STA. 13+60+/- -Y6A-
 - STA. 17+90+/- -Y6A- TO STA. 20+70+/- -Y6A-
- USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT -DR3-, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-21):
- STA. 10+90+/- -DR3- TO STA. 11+33+/- -DR3-
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-21):
- STA. 10+00+/- -Y6A- TO STA. 20+70+/- -Y6A-
- SHIFT TRAFFIC FROM A TWO-LANE, TWO WAY PATTERN (LITHIA SPRINGS RD.) TO A NEW TWO-LANE, TWO WAY TRAFFIC PATTERN ON -Y6A- (SPRINGBROOK DR.).
- CLOSE LITHIA SPRINGS ROAD (-Y5-).
- STEP 2. AWAY FROM TRAFFIC, CONSTRUCT -Y5- TURNAROUND TEE, INCLUDING DRAINAGE, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-21):
- STA. 20+15+/- -Y5- TO STA. 20+75+/- -Y5-
- AWAY FROM TRAFFIC, CONSTRUCT -L- LINE, INCLUDING DRAINAGE, UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-21):
- STA. 507+00+/- -L- TO STA. 513+00+/- -L-
- REMOVE PAVEMENT AS SHOWN ON CONSTRUCTION PLANS AND TMP-21.
- STEP 3. USING RSD 1101.02 (SHEET 2 OF 15), PAVE THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:
- STA. 10+00+/- -Y6A- TO STA. 20+70+/- -Y6A-
 - STA. 20+15+/- -Y5- TO STA. 20+75+/- -Y5-
 - STA. 10+12+/- -DR3- TO STA. 11+33+/- -DR3-
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).
- REMOVE ALL TRAFFIC CONTROL DEVICES FROM SITE 4.

CONSTRUCTION OF PROPOSED SITE 5

PHASE I

- STEP 1. AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 3 OF 15) AS NECESSARY, CONSTRUCT -Y9DET-, INCLUDING DRAINAGE, UP TO THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-22):
- STA. 11+06+/- -Y9DET- TO STA. 24+22+/- -Y9DET-
- USING RSD 1101.02 (SHEET 3 OF 15), CONSTRUCT -Y8-REV, INCLUDING DRAINAGE, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-22):
- STA. 10+24+/- -Y8-REV TO STA. 11+00+/- -Y8-REV
- AWAY FROM TRAFFIC, CONSTRUCT -Y8A- AND -Y8-REV, INCLUDING DRAINAGE, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-22, AND TMP-23):
- STA. 34+50+/- -Y8A- TO STA. 35+97+/- -Y8A-
 - STA. 11+00+/- -Y8-REV TO STA. 33+00+/- -Y8-REV
- USING RSD 1101.02 (SHEET 1 OF 15), WIDEN -Y8A- AND -Y8-REV, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-23):
- STA. 33+00+/- -Y8A- TO STA. 34+50+/- -Y8A-
 - STA. 33+00+/- -Y8-REV TO STA. 36+00+/- -Y8-REV

PHASE II

NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 1 IN A SINGLE WORK PERIOD.

- STEP 1. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-26, AND TMP-28):
- STA. 10+24+/- -Y8-REV TO STA. 11+00+/- -Y8-REV
 - STA. 33+00+/- -Y8-REV TO STA. 36+00+/- -Y8-REV
 - STA. 33+00+/- -Y8A- TO STA. 34+50+/- -Y8A-
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-26 THRU TMP-28):
- STA. 33+00+/- -Y8A- TO STA. 35+87+/- -Y8A-
 - STA. 10+12+/- -Y8-REV TO STA. 36+00+/- -Y8-REV
- SHIFT TRAFFIC FROM A TWO-LANE, TWO WAY PATTERN (CARTER RD.) TO A NEW TWO-LANE, TWO WAY TRAFFIC PATTERN ON -Y8A- AND -Y8-REV.
- CLOSE CARTER ROAD (-Y8-), SEE TMP-27 AND TMP-28.

NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 2 IN A SINGLE WORK PERIOD.

- STEP 2. USING RSD 1101.02 (SHEET 3 OF 15) AND FLAGGERS, PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (TMP-24 THRU TMP-26):
- STA. 11+20+/- -Y9- TO STA. 36+00+/- -Y9-
- SHIFT TRAFFIC FROM A FOUR-LANE, TWO WAY PATTERN (NC 18) TO A NEW TWO-LANE, TWO WAY TRAFFIC PATTERN ON -Y9DET-.
- STEP 3. AWAY FROM TRAFFIC, CONSTRUCT -Y9-, INCLUDING NEW BRIDGE, DRAINAGE, CURB AND GUTTER, AND GUARDRAIL, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-25):
- STA. 19+67+/- -Y9- TO STA. 29+51+/- -Y9-
- USING RSD 1101.02 (SHEET 1 OF 15), WIDEN -Y9-, INCLUDING DRAINAGE, AND CURB AND GUTTER, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-24 THRU TMP-26):
- STA. 11+20+/- -Y9- TO STA. 19+67+/- -Y9-
 - STA. 29+51+/- -Y9- TO STA. 32+50+/- -Y9-
 - STA. 33+39+/- -Y9- TO STA. 36+00+/- -Y9-
- AWAY FROM TRAFFIC, CONSTRUCT -Y9RPA- AND -Y9RPD-, INCLUDING DRAINAGE, CURB AND GUTTER, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-25):
- STA. 19+45+/- -Y9RPA- TO STA. 21+02+/- -Y9RPA-
 - STA. 14+90+/- -Y9RPD- TO STA. 16+35+/- -Y9RPD-
- AWAY FROM TRAFFIC, CONSTRUCT -L- AND -Y9RPD-, INCLUDING DRAINAGE, UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-25, AND TMP-27):
- STA. 530+75+/- -L- TO STA. 544+50+/- -L-
 - STA. 2+55+/- -Y9RPD- TO STA. 8+50+/- -Y9RPD-
- AWAY FROM TRAFFIC, CONSTRUCT -Y8- TURNAROUND TEE, INCLUDING DRAINAGE, PAVEMENT REMOVAL, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-27):
- STA. 24+12+/- -Y8- TO STA. 24+85+/- -Y8-

PHASE III

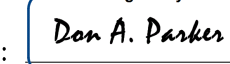
NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 1 IN A SINGLE WORK PERIOD.

- STEP 1. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-29 THRU TMP-31):
- STA. 11+36+/- -Y9- TO STA. 19+67+/- -Y9-
 - STA. 29+51+/- -Y9- TO STA. 36+00+/- -Y9-
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-29 THRU TMP-31):
- STA. 14+03+/- -Y9- TO STA. 34+70+/- -Y9-
- SHIFT TRAFFIC FROM A TWO-LANE, TWO WAY PATTERN ON -Y9DET- TO A NEW TWO-LANE, TWO WAY TRAFFIC PATTERN ON -Y9-.
- STEP 2. AWAY FROM TRAFFIC, CONSTRUCT -Y9-, INCLUDING DRAINAGE, CURB AND GUTTER, AND GUARDRAIL, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-30):
- STA. 19+67+/- -Y9- TO STA. 21+50+/- -Y9-
 - STA. 28+00+/- -Y9- TO STA. 29+51+/- -Y9-
- USING RSD 1101.02 (SHEET 1 OF 15), WIDEN -Y9-, INCLUDING DRAINAGE, AND CURB AND GUTTER, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-29 THRU TMP-31):
- STA. 11+36+/- -Y9- TO STA. 19+67+/- -Y9-
 - STA. 29+51+/- -Y9- TO STA. 36+00+/- -Y9-
- AWAY FROM TRAFFIC, CONSTRUCT -Y9RPB- AND -Y9RPC-, INCLUDING DRAINAGE, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-30):
- STA. 18+60+/- -Y9RPB- TO STA. 20+07+/- -Y9RPB-
 - STA. 14+77+/- -Y9RPC- TO STA. 16+35+/- -Y9RPC-
- AWAY FROM TRAFFIC, CONSTRUCT -L-, INCLUDING DRAINAGE, UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-30):
- STA. 528+75+/- -L- TO STA. 530+75+/- -L-
- AWAY FROM TRAFFIC, REMOVE PAVEMENT AS SHOWN ON TMP-30.

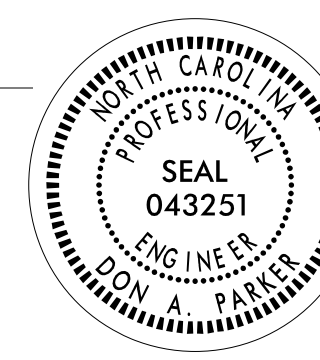
PHASE IV

- STEP 1. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-29 THRU TMP-31):
- STA. 11+36+/- -Y9- TO STA. 36+00+/- -Y9-
- USING RSD 1101.02 (SHEETS 1 AND 3 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-33 AND TMP-34):
- STA. 11+51+/- -Y9- TO STA. 36+00+/- -Y9-
- SHIFT TRAFFIC FROM A TWO-LANE, TWO WAY PATTERN ON -Y9- TO A NEW FOUR-LANE, TWO WAY TRAFFIC PATTERN ON -Y9-.
- STEP 2. USING RSD 1101.02 (SHEET 3 OF 15), CONSTRUCT CONCRETE MEDIANS AND COMPLETE DRAINAGE INLETS ON -Y9-, AS SHOWN ON CONSTRUCTION PLANS, TMP-33, AND TMP-34.
- STEP 3. USING RSD 1101.02 (SHEET 3 OF 15), PAVE THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:
- STA. 11+36+/- -Y9- TO STA. 36+00+/- -Y9-
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).
- STEP 4. USING RSD 1101.02 (SHEET 1 OF 15), PAVE THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:
- STA. 33+00+/- -Y8A- TO STA. 35+97+/- -Y8A-
 - STA. 10+32+/- -Y8-REV TO STA. 36+00+/- -Y8-REV
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).
- REMOVE ALL TRAFFIC CONTROL DEVICES FROM SITE 5 WITH EXCEPTION OF DEVICES SHOWN ON TMP-33 AND TMP-34 (SEE SPECIAL PROVISIONS).

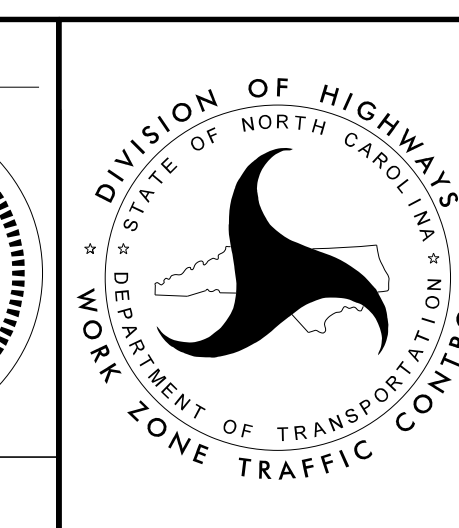
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DATE: 2/16/2017



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



TEMPORARY TRAFFIC CONTROL PHASING

TEMPORARY TRAFFIC CONTROL PHASING

PROJ. REFERENCE NO. R-2707C	SHEET NO. TMP-3B
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CONSTRUCTION OF PROPOSED SITE 6

PHASE I

NOTE: STEPS 1 AND 2 MAY BE PERFORMED CONCURRENTLY.

- STEP 1. AWAY FROM TRAFFIC, CONSTRUCT -Y11-REV2 AND -DR1-, INCLUDING NEW BRIDGE, DRAINAGE, GUARDRAIL, AND SHORING, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-35 THRU TMP-38):
- STA. 23+85+/- -Y11-REV2 TO STA. 46+79+/- -Y11-REV2
 - STA. 49+38+/- -Y11-REV2 TO STA. 64+50+/- -Y11-REV2
 - STA. 12+50+/- -DR1- TO STA. 12+76+/- -DR1-
- USING RSD 1101.02 (SHEET 1 OF 15), WIDEN -Y11-REV2 AND -DR1-, INCLUDING DRAINAGE, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-35 THRU TMP-38):
- STA. 18+42+/- -Y11-REV2 TO STA. 23+85+/- -Y11-REV2
 - STA. 46+79+/- -Y11-REV2 TO STA. 47+99+/- -Y11-REV2
 - STA. 48+27+/- -Y11-REV2 TO STA. 49+38+/- -Y11-REV2
 - STA. 64+50+/- -Y11-REV2 TO STA. 69+85+/- -Y11-REV2
 - STA. 11+89+/- -DR1- TO STA. 12+50+/- -DR1-
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- STEP 2. USING RSD 1101.02 (SHEET 1 OF 15), WIDEN -Y14-, INCLUDING DRAINAGE, AND GUARDRAIL, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-37, AND TMP-39 THRU TMP-41):
- STA. 12+50+/- -Y14-(RT.) TO STA. 32+87+/- -Y14-(RT.)
 - STA. 33+68+/- -Y14-(RT.) TO STA. 41+95+/- -Y14-(RT.)
 - STA. 42+47+/- -Y14-(RT.) TO STA. 55+00+/- -Y14-(RT.)
 - STA. 12+50+/- -Y14-(LT.) TO STA. 32+75+/- -Y14-(LT.)
 - STA. 33+02+/- -Y14-(LT.) TO STA. 40+92+/- -Y14-(LT.)
 - STA. 43+35+/- -Y14-(LT.) TO STA. 55+00+/- -Y14-(LT.)
- AWAY FROM TRAFFIC, CONSTRUCT -Y16A-, -Y16-REV, AND -SR2-, INCLUDING DRAINAGE, GUARDRAIL, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-39, AND TMP-40):
- STA. 14+60+/- -Y16A- TO STA. 15+00+/- -Y16A-
 - STA. 12+00+/- -Y16-REV TO STA. 19+91+/- -Y16-REV
 - STA. 10+18+/- -SR2- TO STA. 19+58+/- -SR2-
- USING RSD 1101.02 (SHEET 1 OF 15), WIDEN -Y14RPA-, -Y14RPB-, AND -Y14RPC- INCLUDING DRAINAGE, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-37 AND TMP-40):
- STA. 14+79+/- -Y14RPA- TO STA. 16+51+/- -Y14RPA-
 - STA. 13+02+/- -Y14RPB- TO STA. 14+07+/- -Y14RPB-
 - STA. 11+45+/- -Y14RPC- TO STA. 13+17+/- -Y14RPC-
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- STEP 3. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-42, AND TMP-43):
- STA. 20+00+/- -Y14- TO STA. 22+00+/- -Y14-
 - STA. 13+75+/- -Y16A- TO STA. 14+60+/- -Y16A-
 - STA. 10+00+/- -Y16-REV TO STA. 12+00+/- -Y16-REV
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-42 AND TMP-43):
- STA. 13+75+/- -Y16A- TO STA. 14+88+/- -Y16A-
 - STA. 10+00+/- -Y16-REV TO STA. 12+24+/- -Y16-REV
 - STA. 12+69+/- -Y16-REV TO STA. 20+09+/- -Y16-REV
- OPEN -Y16A- AND -Y16-REV TO A TWO-LANE, TWO WAY TRAFFIC PATTERN AND CLOSE -Y15- (TROY RD.), SEE TMP-42 AND TMP-43.
- STEP 4. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-42, AND TMP-43):
- STA. 29+00+/- -Y14- TO STA. 37+50+/- -Y14-
- STEP 5. USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-42 AND TMP-43):
- STA. 24+20+/- -Y14- TO STA. 37+30+/- -Y14-
- STEP 6. AWAY FROM TRAFFIC, CONSTRUCT -Y14- AND -Y15-, INCLUDING DRAINAGE, AND GUARDRAIL, UP TO EXISTING EDGE OF PAVEMENT ELEVATIONS AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-42, AND TMP-43):
- STA. 32+75+/- -Y14-(LT.) TO STA. 33+02+/- -Y14-(LT.)
 - STA. 32+87+/- -Y14-(RT.) TO STA. 33+89+/- -Y14-(RT.)
 - STA. 25+75+/- -Y15- TO STA. 26+17+/- -Y15-
- REMOVE PAVEMENT ON -Y15- (TROY RD.) AS SHOWN ON TMP-43.

PHASE II

NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 1 IN A SINGLE WORK PERIOD.

- STEP 1. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-44 AND TMP-45):
- STA. 44+00+/- -Y14- TO STA. 55+00+/- -Y14-
 - STA. 46+79+/- -Y11-REV2 TO STA. 49+38+/- -Y11-REV2
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-44, TMP-44A, AND TMP-45):
- STA. 46+79+/- -Y11-REV2 TO STA. 49+38+/- -Y11-REV2
 - STA. 44+00+/- -Y14- TO STA. 55+00+/- -Y14-
- OPEN NC 150 TO THE PATTERN SHOWN ON TMP-44 AND TMP-46.
- STEP 2. AWAY FROM TRAFFIC, PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-46 THRU TMP-50):
- STA. 23+85+/- -Y11-REV2 TO STA. 46+79+/- -Y11-REV2
 - STA. 49+38+/- -Y11-REV2 TO STA. 64+50+/- -Y11-REV2
- BEGIN CONSTRUCTION OF INNER PORTION OF ROUNDABOUT.
- NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 3 IN A SINGLE WORK PERIOD.
- STEP 3. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-47):
- STA. 64+50+/- -Y11-REV2 TO STA. 69+85+/- -Y11-REV2
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-47):
- STA. 64+50+/- -Y11-REV2 TO STA. 69+85+/- -Y11-REV2
- SHIFT TRAFFIC FROM A TWO-LANE, TWO WAY PATTERN (NORTH POST ROAD) TO A NEW TWO-LANE, TWO WAY TRAFFIC PATTERN ON -Y11-REV2.
- STEP 4. USING RSD 1101.02 (SHEET 1 OF 15), COMPLETE CONSTRUCTION AND PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-47):
- STA. 11+05+/- -DR1- TO STA. 12+50+/- -DR1-
 - STA. 10+60+/- -DR2- TO STA. 11+69+/- -DR2-
- COMPLETE 6:1 SIDE SLOPE AS SHOWN ON TMP-47.
- NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 5 IN A SINGLE WORK PERIOD.
- STEP 5. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-48):
- STA. 17+72+/- -Y11-REV2 TO STA. 23+85+/- -Y11-REV2
- CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-48 AND TMP-49):
- STA. 17+94+/- -Y11-REV2 TO STA. 23+85+/- -Y11-REV2
 - -Y11A- AS SHOWN ON TMP-49
- SHIFT TRAFFIC FROM A TWO-LANE, TWO WAY PATTERN (NORTH POST ROAD) TO A NEW TWO-LANE, TWO WAY TRAFFIC PATTERN ON -Y11-REV2.
- STEP 6. AWAY FROM TRAFFIC AND USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT AS FOLLOWS (SEE CONSTRUCTION PLANS AND TMP-52):
- STA. 41+95+/- -Y14-(RT.) TO STA. 42+47+/- -Y14-(RT.)
 - STA. 40+92+/- -Y14-(LT.) TO STA. 16+34+/- -Y14RPD-
 - STA. 16+34+/- -Y14RPD- TO STA. 43+35+/- -Y14-(LT.)
- AWAY FROM TRAFFIC, OBLITERATE EXISTING BRIDGE ON NORTH POST RD. AND REMOVE PAVEMENT AS SHOWN ON TMP-49.
- AWAY FROM TRAFFIC, CONSTRUCT -Y11A- TURNAROUND TEE, INCLUDING DRAINAGE, GUARDRAIL, AND PAVEMENT REMOVAL, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE (SEE CONSTRUCTION PLANS AND TMP-50) AS FOLLOWS:
- STA. 46+10+/- -Y11A- TO STA. 46+52+/- -Y11A-
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-52):
- STA. 44+50+/- -Y11A- TO STA. 46+10+/- -Y11A-

PHASE III

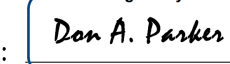
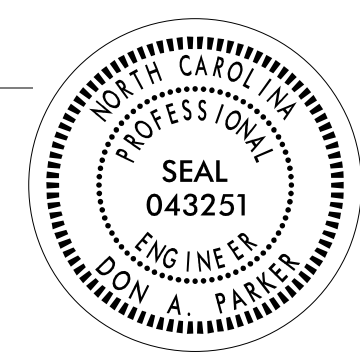
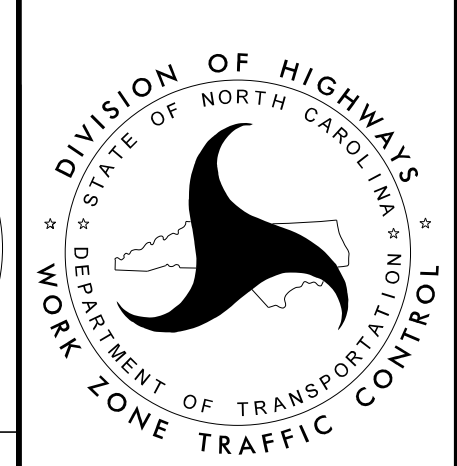
NOTE: WORK IN A CONTINUOUS MANNER TO COMPLETE STEP 1 IN A SINGLE WORK PERIOD.

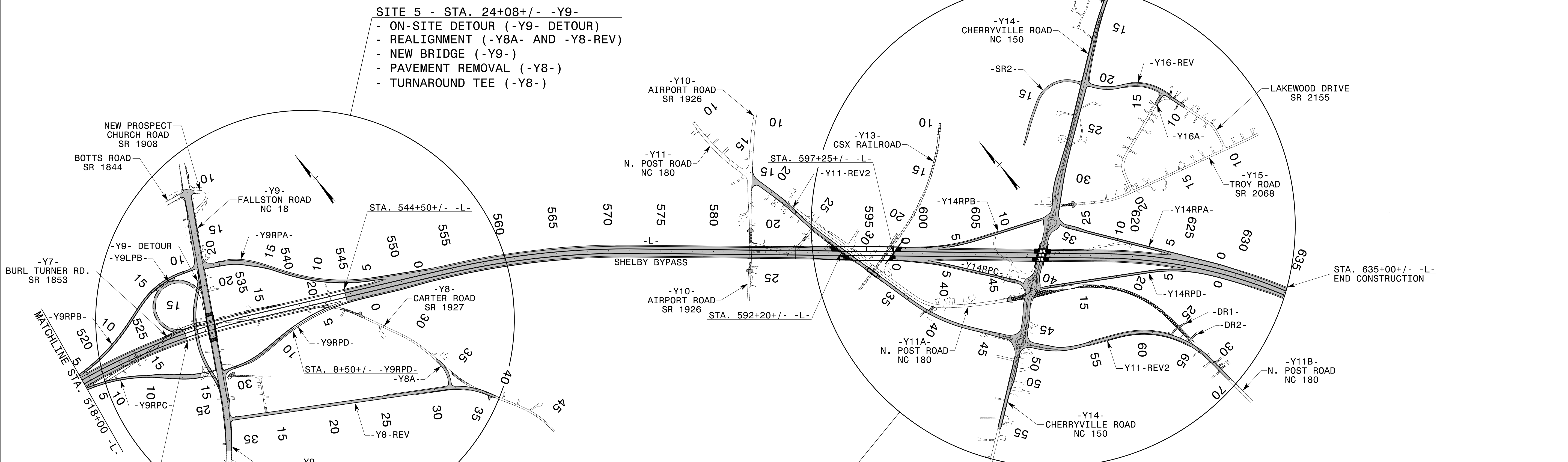
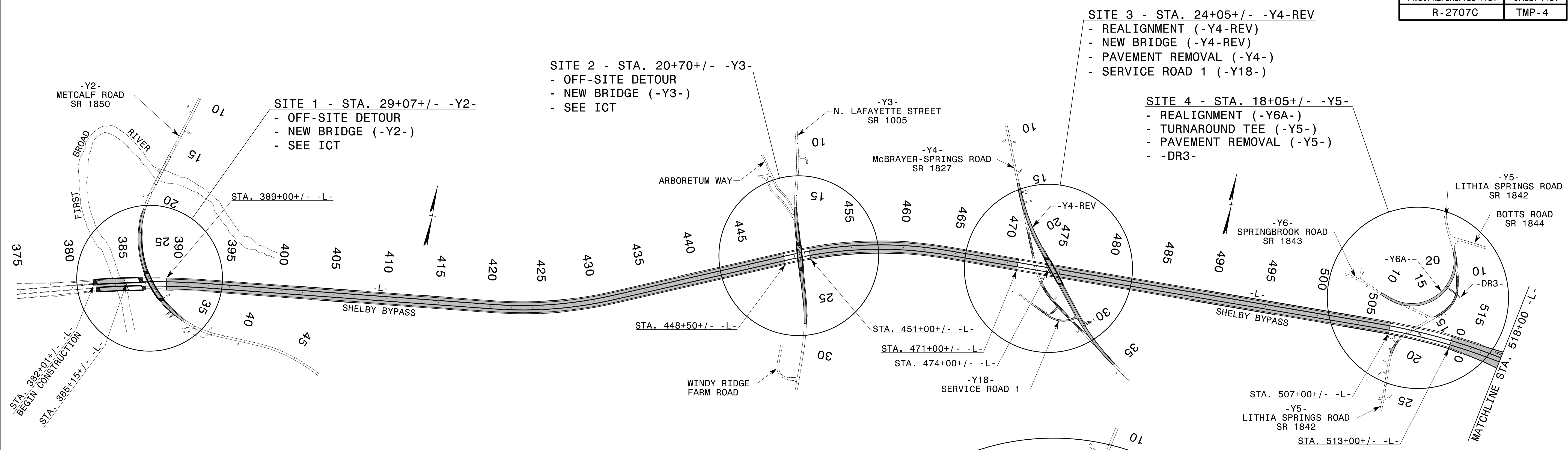
- STEP 1. USING RSD 1101.02 (SHEET 1 OF 15), PAVE/WEDGE UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE CONSTRUCTION PLANS, TMP-53 THRU TMP-55):
- STA. 12+50+/- -Y14- TO STA. 44+00+/- -Y14-
- USING RSD 1101.02 (SHEET 1 OF 15), PLACE TEMPORARY PAVEMENT MARKINGS AND MARKERS AS FOLLOWS (SEE TMP-53 THRU TMP-55):
- STA. 12+50+/- -Y14- TO STA. 49+00+/- -Y14-
- STEP 2. USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT -Y14RPD-, INCLUDING DRAINAGE, UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS (SEE TMP-55):
- STA. 16+49+/- -Y14RPD- TO STA. 17+45+/- -Y14RPD-
- AWAY FROM TRAFFIC, CONSTRUCT -Y14RPD-, INCLUDING DRAINAGE, UP TO GRADE LINE AS FOLLOWS (SEE CONSTRUCTION PLANS, AND TMP-55):
- STA. 12+00+/- -Y14RPD- TO STA. 16+34+/- -Y14RPD-
- USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT CONCRETE MEDIANS, ROUNDABOUTS, AND CONCRETE ISLANDS (SEE TMP-53 THRU TMP-56).

PHASE IV

- STEP 1. USING RSD 1101.02 (SHEET 1 OF 15), PAVE THE FINAL LAYER OF SURFACE COURSE AS FOLLOWS:
- STA. 20+30+/- -Y10- TO STA. 20+72+/- -Y10-
 - STA. 24+30+/- -Y10- TO STA. 24+72+/- -Y10-
 - STA. 46+10+/- -Y11A- TO STA. 46+52+/- -Y11A-
 - STA. 17+72+/- -Y11-REV2 TO STA. 69+85+/- -Y11-REV2
 - STA. 12+50+/- -Y14- TO STA. 55+00+/- -Y14-
 - STA. 14+79+/- -Y14RPA- TO STA. 15+71+/- -Y14RPA-
 - STA. 13+02+/- -Y14RPB- TO STA. 13+61+/- -Y14RPB-
 - STA. 11+45+/- -Y14RPC- TO STA. 12+37+/- -Y14RPC-
 - STA. 16+34+/- -Y14RPD- TO STA. 17+45+/- -Y14RPD-
 - STA. 25+75+/- -Y15- TO STA. 26+17+/- -Y15-
 - STA. 13+75+/- -Y16A- TO STA. 15+02+/- -Y16A-
 - STA. 10+00+/- -Y16-REV TO STA. 19+91+/- -Y16-REV
 - STA. 11+05+/- -DR1- TO STA. 12+76+/- -DR1-
 - STA. 10+60+/- -DR2- TO STA. 11+69+/- -DR2-
 - STA. 10+18+/- -SR2- TO STA. 19+58+/- -SR2-
- PLACE FINAL PAVEMENT MARKINGS AND MARKERS (SEE FINAL PAVEMENT MARKING PLAN).
- REMOVE ALL TRAFFIC CONTROL DEVICES FROM SITE 6 WITH EXCEPTION OF DEVICES SHOWN ON TMP-54 AND TMP-55.

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DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



SITE 1 - STA. 29+07+/- -Y2-
 - OFF-SITE DETOUR
 - NEW BRIDGE (-Y2-)
 - SEE ICT

SITE 2 - STA. 20+70+/- -Y3-
 - OFF-SITE DETOUR
 - NEW BRIDGE (-Y3-)
 - SEE ICT

SITE 3 - STA. 24+05+/- -Y4-REV
 - REALIGNMENT (-Y4-REV)
 - NEW BRIDGE (-Y4-REV)
 - PAVEMENT REMOVAL (-Y4-)
 - SERVICE ROAD 1 (-Y18-)

SITE 4 - STA. 18+05+/- -Y5-
 - REALIGNMENT (-Y6A-)
 - TURNAROUND TEE (-Y5-)
 - PAVEMENT REMOVAL (-Y5-)
 - -DR3-

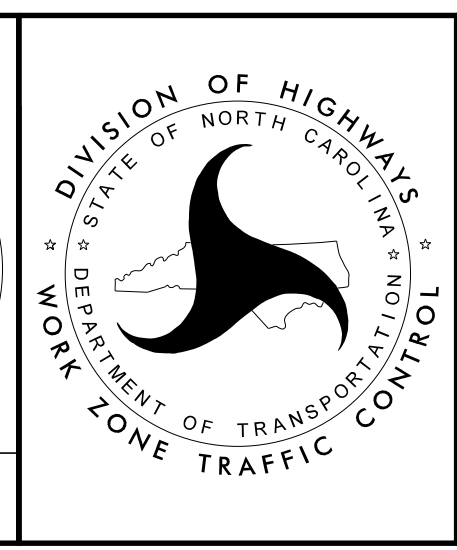
SITE 5 - STA. 24+08+/- -Y9-
 - ON-SITE DETOUR (-Y9- DETOUR)
 - REALIGNMENT (-Y8A- AND -Y8-REV)
 - NEW BRIDGE (-Y9-)
 - PAVEMENT REMOVAL (-Y8-)
 - TURNAROUND TEE (-Y8-)

SITE 6 - STA. 37+89+/- -Y14-
 - NEW BRIDGE (-Y11-REV2)
 - REALIGNMENT (-Y11-REV2)
 - REALIGNMENT (-Y16-REV AND -Y16A-)
 - STAGED CONSTRUCTION (-Y14-)
 - PAVEMENT REMOVAL (-Y11A-, -Y11B-, AND -Y15-)
 - TURNAROUND TEE (-Y11A- AND -Y15-)
 - -DR1- AND -DR2-
 - -SR2-

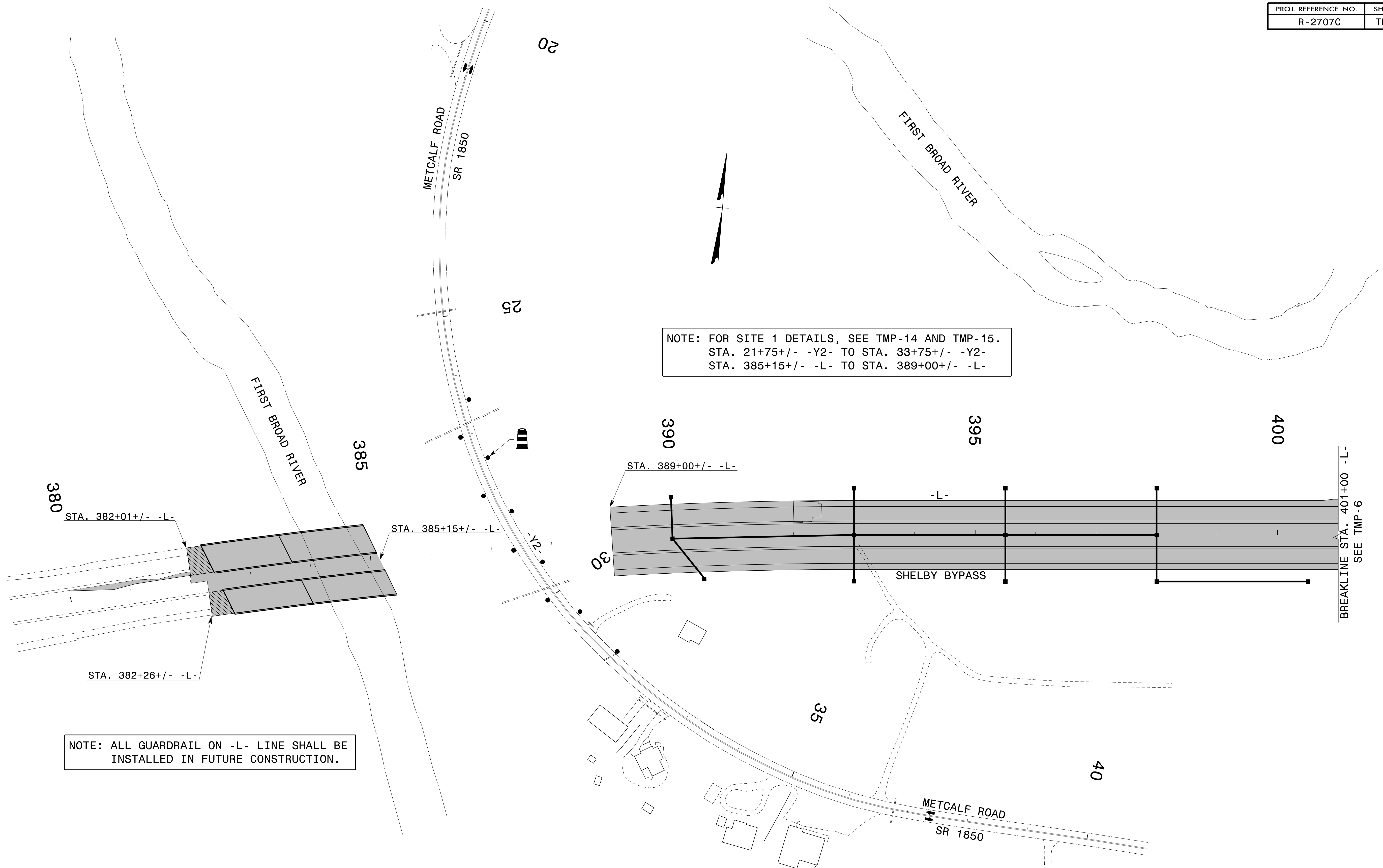
2/16/2017
 P:\TIP\Projects-R\2707C\TrafficControl\GENERAL\2707C_TC_GENL_TMP04.dgn
 User:scodts

APPROVED: *Don A. Parker*
 DATE: 2/16/2017

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



SITE OVERVIEW



NOTE: FOR SITE 1 DETAILS, SEE TMP-14 AND TMP-15.
 STA. 21+75+/- -Y2- TO STA. 33+75+/- -Y2-
 STA. 385+15+/- -L- TO STA. 389+00+/- -L-

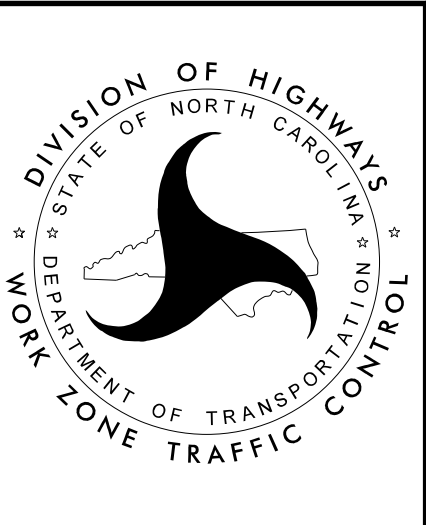
NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE
 INSTALLED IN FUTURE CONSTRUCTION.

2/16/2017
 P:\TIP\Projects-R\2707C\TrafficControl\TCP\ -L- LINE\2707C_TC_PHL_TMP05.dgn
 User:scodts

APPROVED: *Don A. Parker*
40482802618410...

DATE: 2/16/2017

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



**-L- LINE
 PHASE I DETAILS**



NOTE: FOR SITE 2 DETAILS, SEE TMP-16 AND TMP-17.
 STA. 16+15+/- -Y3- TO STA. 27+25+/- -Y3-
 STA. 448+50+/- -L- TO STA. 451+00+/- -L-

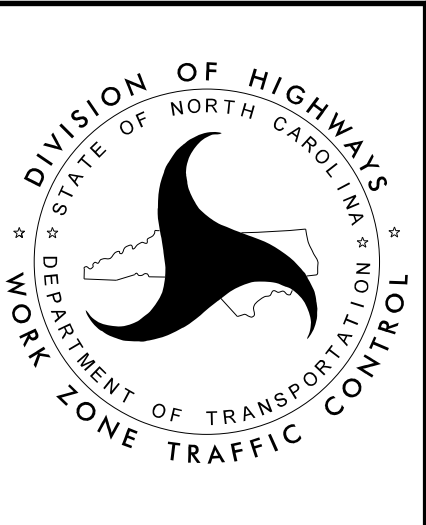
NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE
 INSTALLED IN FUTURE CONSTRUCTION.

2/16/2017
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 User:scodts

APPROVED: *Don A. Parker*
40482802618410...

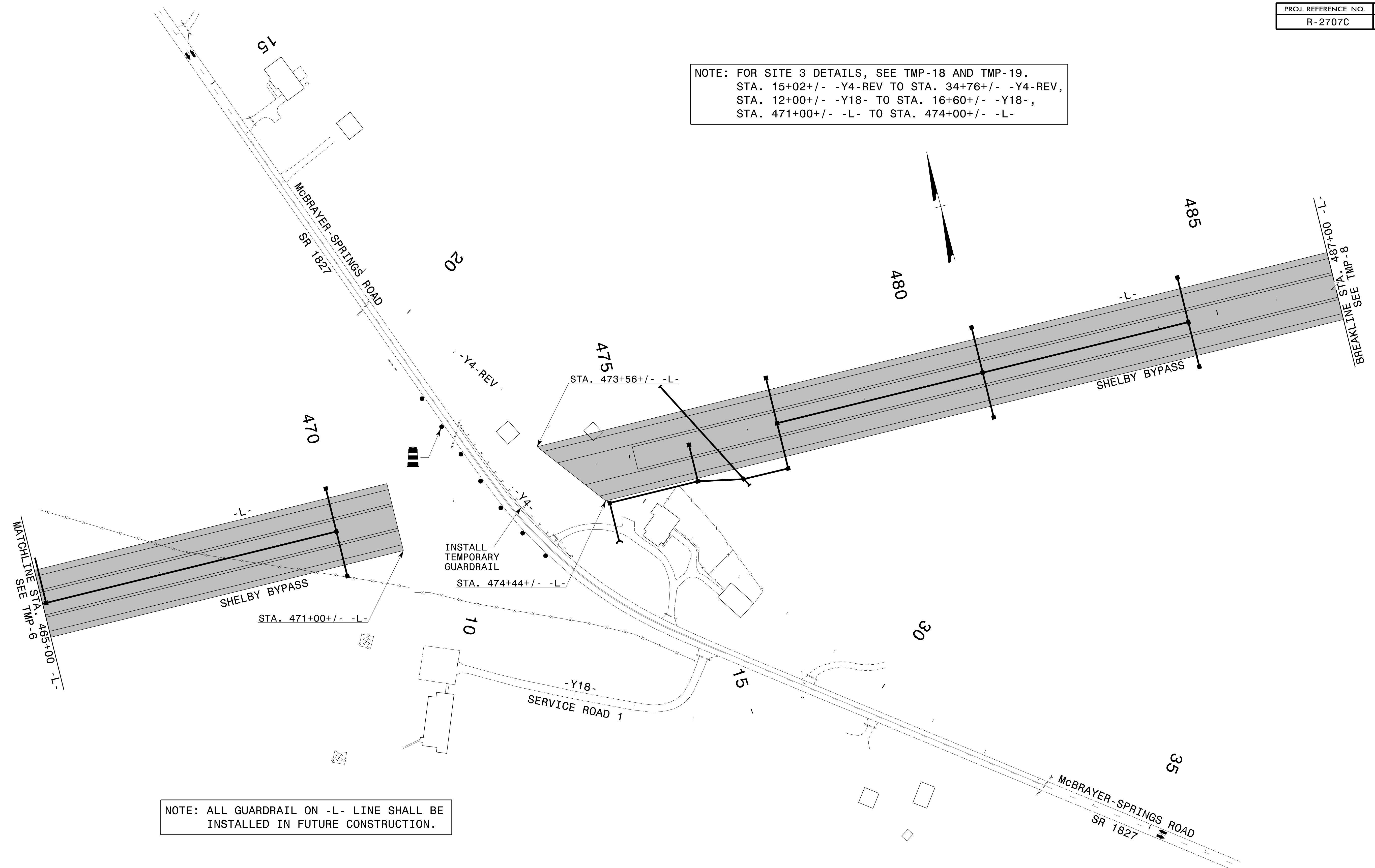
DATE: 2/16/2017

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



**-L- LINE
 PHASE I DETAILS**

NOTE: FOR SITE 3 DETAILS, SEE TMP-18 AND TMP-19.
 STA. 15+02+/- -Y4-REV TO STA. 34+76+/- -Y4-REV,
 STA. 12+00+/- -Y18- TO STA. 16+60+/- -Y18- ,
 STA. 471+00+/- -L- TO STA. 474+00+/- -L-



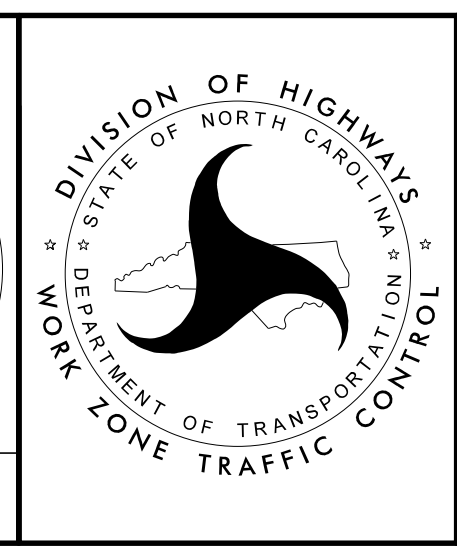
NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE INSTALLED IN FUTURE CONSTRUCTION.

2/16/2017
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 User:scodts

APPROVED: *Don A. Parker*
40482802618410...

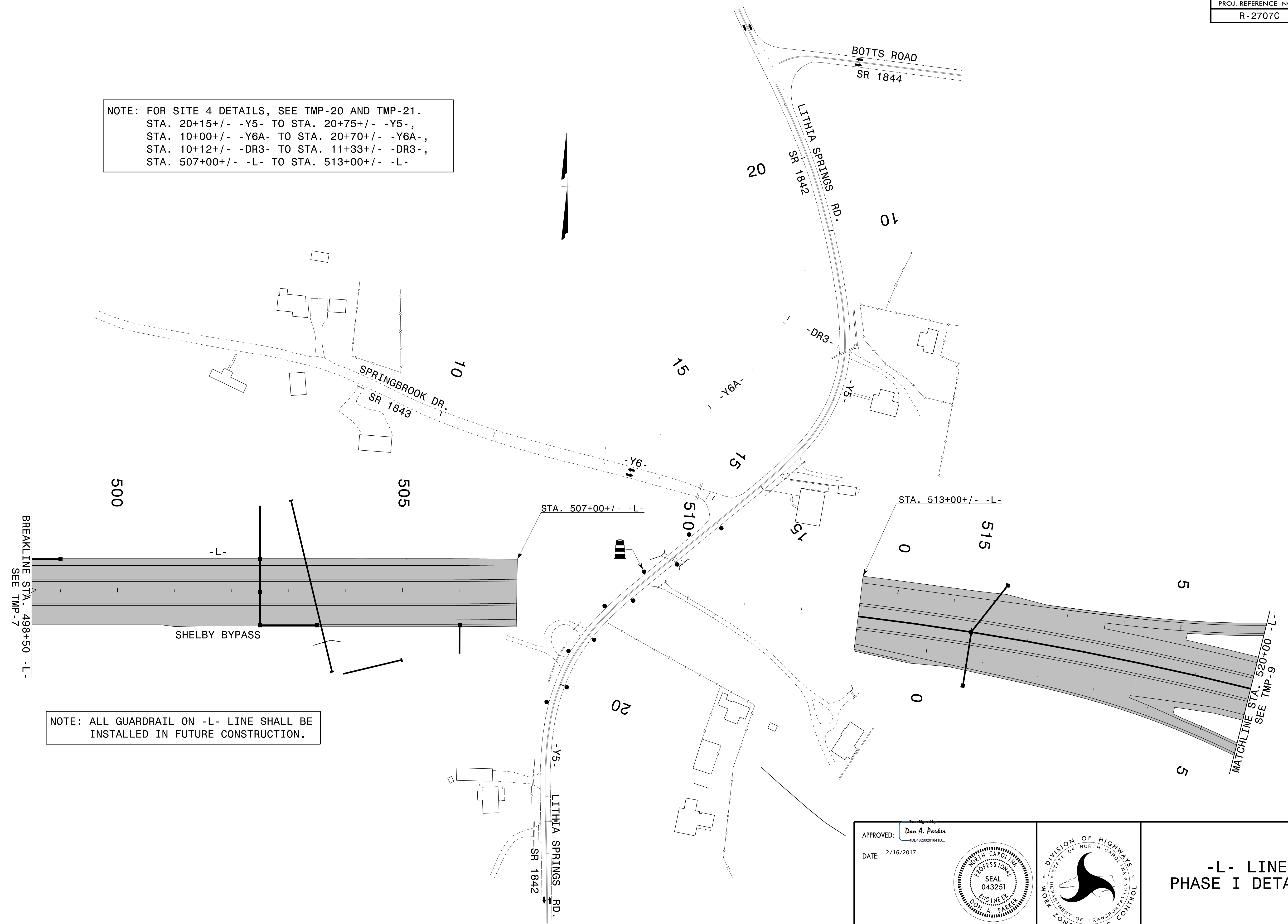
DATE: 2/16/2017

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



-L- LINE
 PHASE I DETAILS

NOTE: FOR SITE 4 DETAILS, SEE TMP-20 AND TMP-21.
 STA. 20+15+/- -Y5- TO STA. 20+75+/- -Y5- ,
 STA. 10+00+/- -Y6A- TO STA. 20+70+/- -Y6A- ,
 STA. 10+12+/- -DR3- TO STA. 11+33+/- -DR3- ,
 STA. 507+00+/- -L- TO STA. 513+00+/- -L-



NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE INSTALLED IN FUTURE CONSTRUCTION.

BREAKLINE STA. 498+50 -L-
SEE TMP-7

MATCHLINE STA. 520+00
SEE TMP-9

2/16/2017
 P:\TIP\Projects-R\2707C\TrafficControl\TCP\L- LINE\2707C_TC_PHL_TMP08.dgn
 User:scodts

APPROVED: *Don A. Parker*
40482802618410...

DATE: 2/16/2017

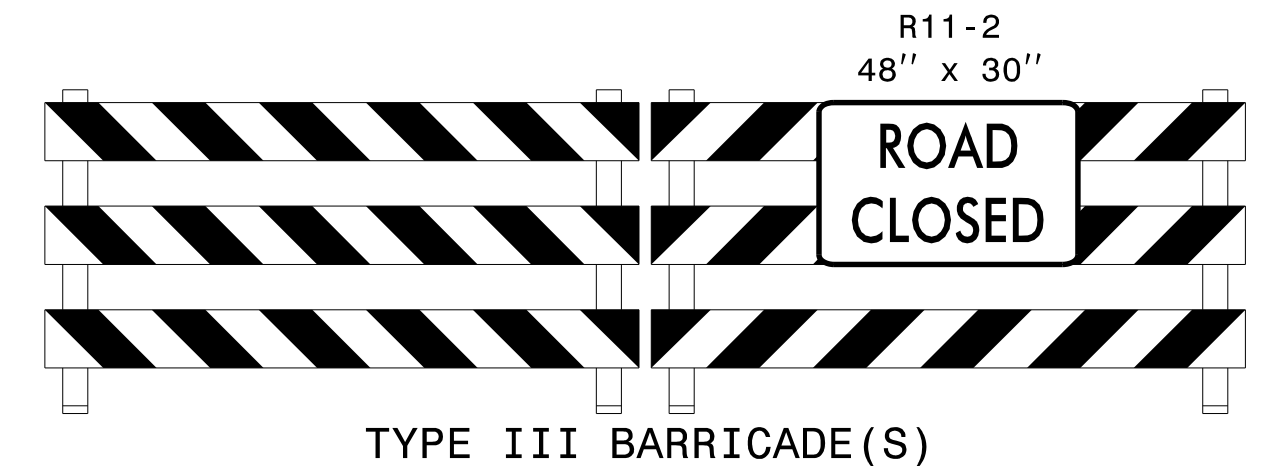
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**-L- LINE
PHASE I DETAILS**

NOTE: FOR SITE 5 DETAILS, SEE TMP-22 THRU TMP-34.
 STA. 24+12+/- -Y8- TO STA. 24+85+/- -Y8- ,
 STA. 33+00+/- -Y8A- TO STA. 35+97+/- -Y8A- ,
 STA. 10+24+/- -Y8-REV TO STA. 36+00+/- -Y8-REV ,
 STA. 11+06+/- -Y9DET- TO STA. 24+22+/- -Y9DET- ,
 STA. 10+70+/- -Y9- TO STA. 36+00+/- -Y9- ,
 STA. 19+45+/- -Y9RPA- TO STA. 20+94+/- -Y9RPA- ,
 STA. 18+60+/- -Y9RPB- TO STA. 20+00+/- -Y9RPB- ,
 STA. 14+77+/- -Y9RPC- TO STA. 16+27+/- -Y9RPC- ,
 STA. 2+55+/- -Y9RPD- TO STA. 8+50+/- -Y9RPD- ,
 STA. 14+90+/- -Y9RPD- TO STA. 16+29+/- -Y9RPD- ,
 STA. 528+75+/- -L- TO STA. 544+50+/- -L-

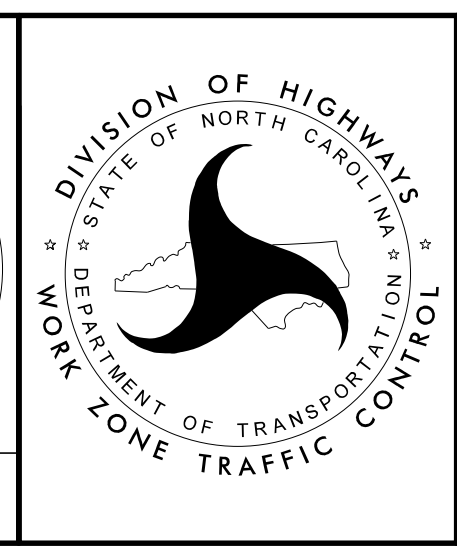
NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE INSTALLED IN FUTURE CONSTRUCTION. ALL DRAINAGE INLETS ON -L- LINE SHALL BE COVERED.



APPROVED: *Don A. Parker*
 DATE: 2/16/2017

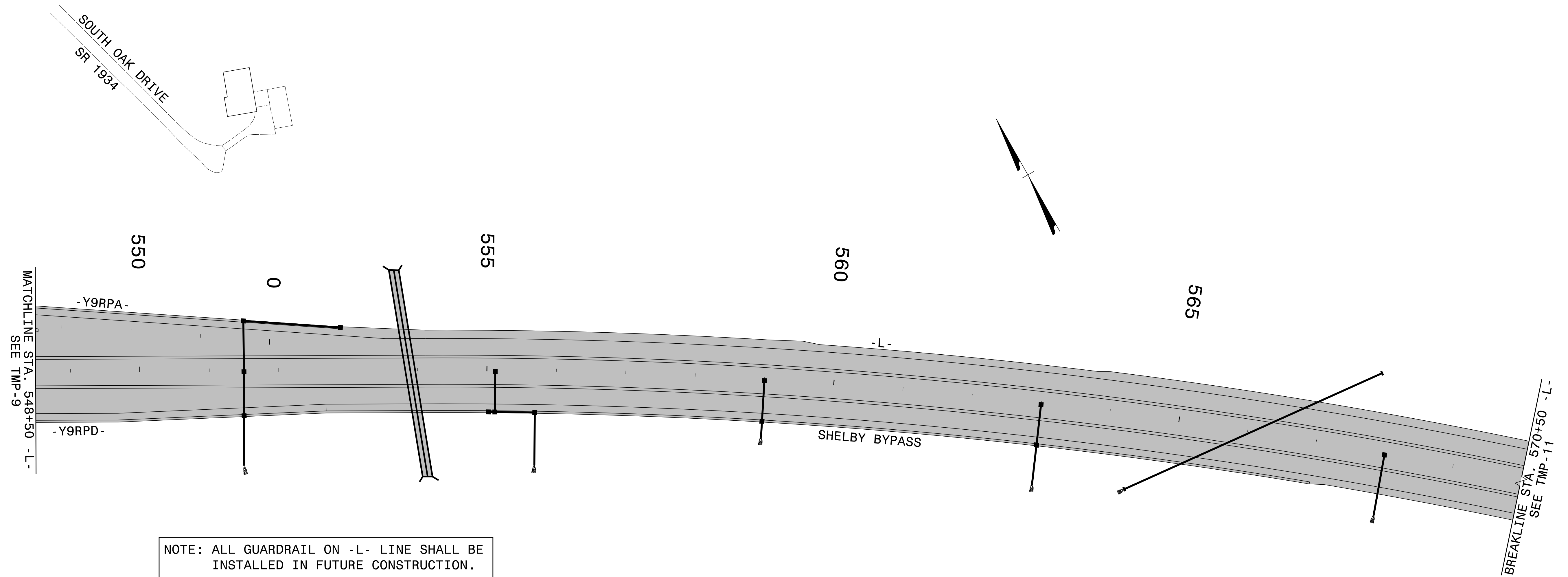
SEAL
 043251
 ENGINEER
 DON A. PARKER

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-L- LINE
 PHASE I DETAILS

2/16/2017
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 User:scodts

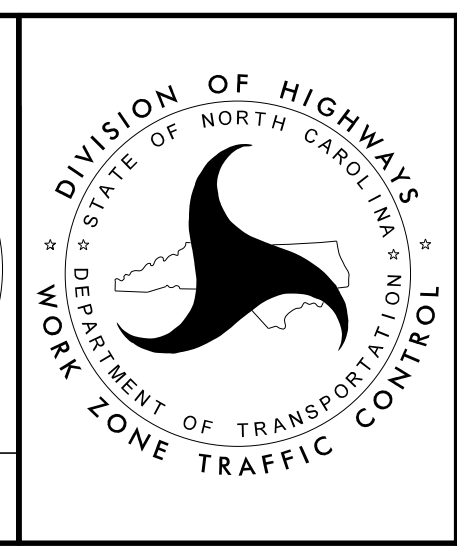


2/16/2017
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 User:scodts

APPROVED: *Don A. Parker*
400482802618410...

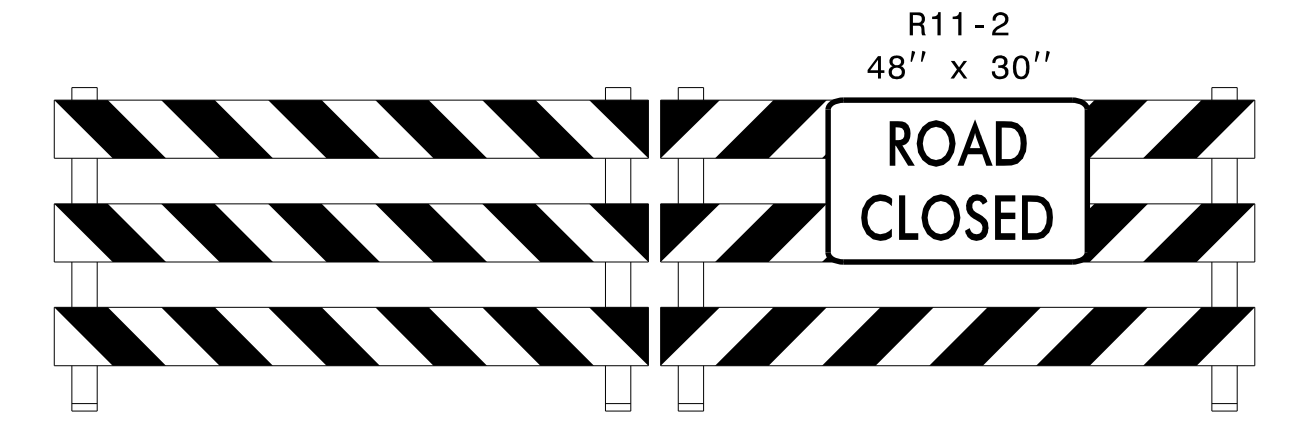
DATE: 2/16/2017

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UNLESS ALL SIGNATURES COMPLETED**

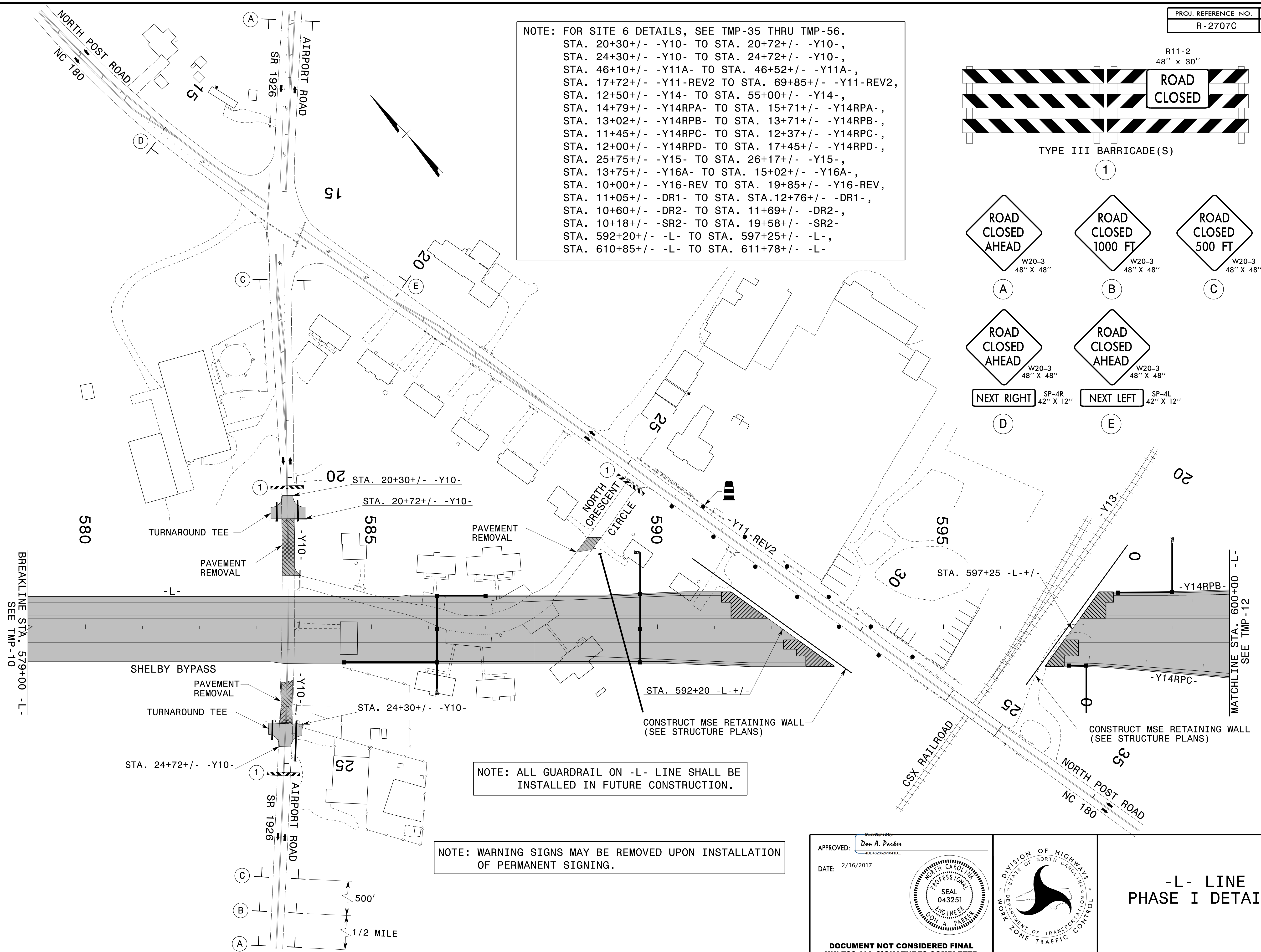
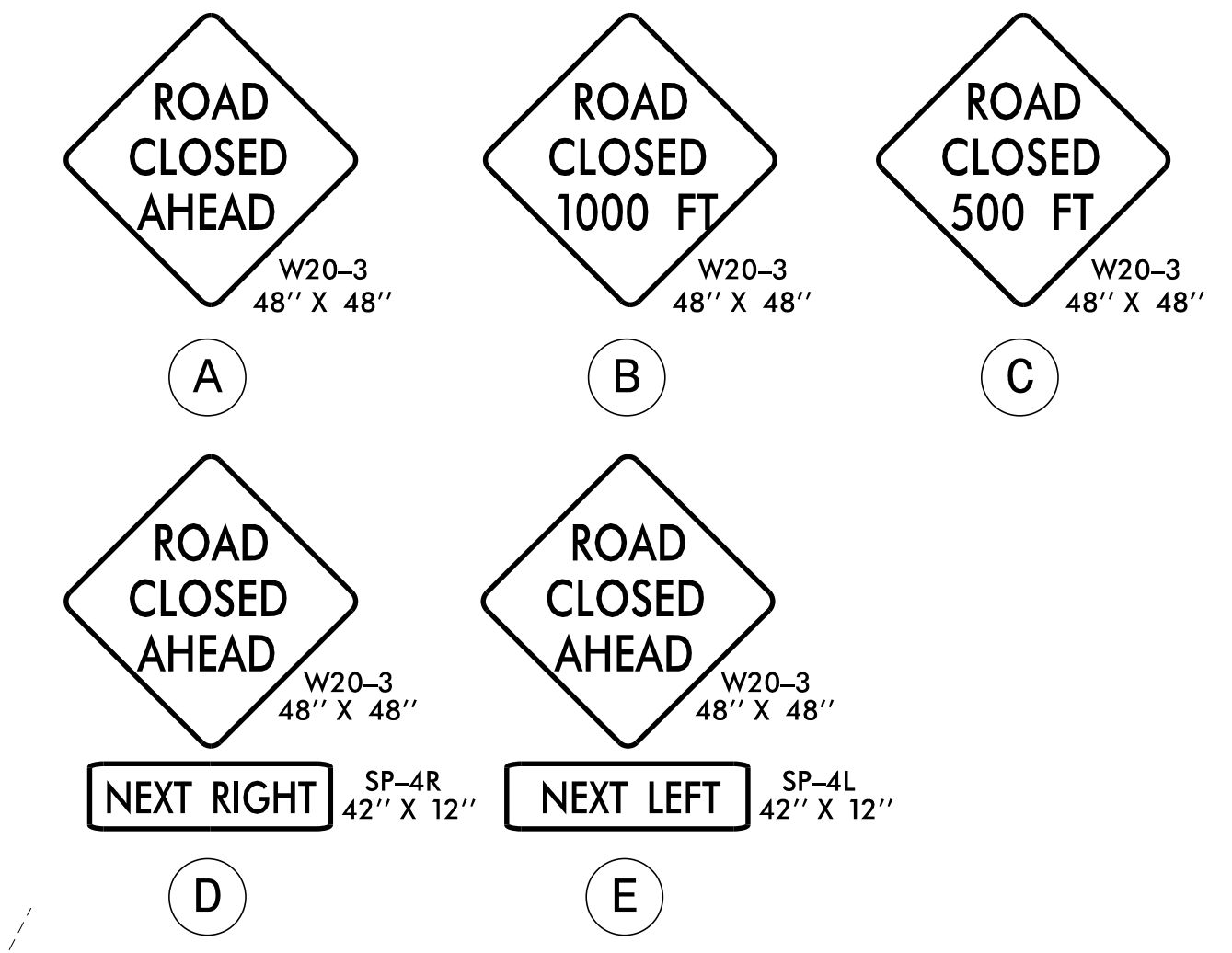


-L- LINE
PHASE I DETAILS

NOTE: FOR SITE 6 DETAILS, SEE TMP-35 THRU TMP-56.
 STA. 20+30+/- -Y10- TO STA. 20+72+/- -Y10- ,
 STA. 24+30+/- -Y10- TO STA. 24+72+/- -Y10- ,
 STA. 46+10+/- -Y11A- TO STA. 46+52+/- -Y11A- ,
 STA. 17+72+/- -Y11-REV2 TO STA. 69+85+/- -Y11-REV2 ,
 STA. 12+50+/- -Y14- TO STA. 55+00+/- -Y14- ,
 STA. 14+79+/- -Y14RPA- TO STA. 15+71+/- -Y14RPA- ,
 STA. 13+02+/- -Y14RPB- TO STA. 13+71+/- -Y14RPB- ,
 STA. 11+45+/- -Y14RPC- TO STA. 12+37+/- -Y14RPC- ,
 STA. 12+00+/- -Y14RPD- TO STA. 17+45+/- -Y14RPD- ,
 STA. 25+75+/- -Y15- TO STA. 26+17+/- -Y15- ,
 STA. 13+75+/- -Y16A- TO STA. 15+02+/- -Y16A- ,
 STA. 10+00+/- -Y16-REV TO STA. 19+85+/- -Y16-REV ,
 STA. 11+05+/- -DR1- TO STA. STA.12+76+/- -DR1- ,
 STA. 10+60+/- -DR2- TO STA. 11+69+/- -DR2- ,
 STA. 10+18+/- -SR2- TO STA. 19+58+/- -SR2- ,
 STA. 592+20+/- -L- TO STA. 597+25+/- -L- ,
 STA. 610+85+/- -L- TO STA. 611+78+/- -L-



TYPE III BARRICADE(S)



NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE INSTALLED IN FUTURE CONSTRUCTION.

NOTE: WARNING SIGNS MAY BE REMOVED UPON INSTALLATION OF PERMANENT SIGNING.

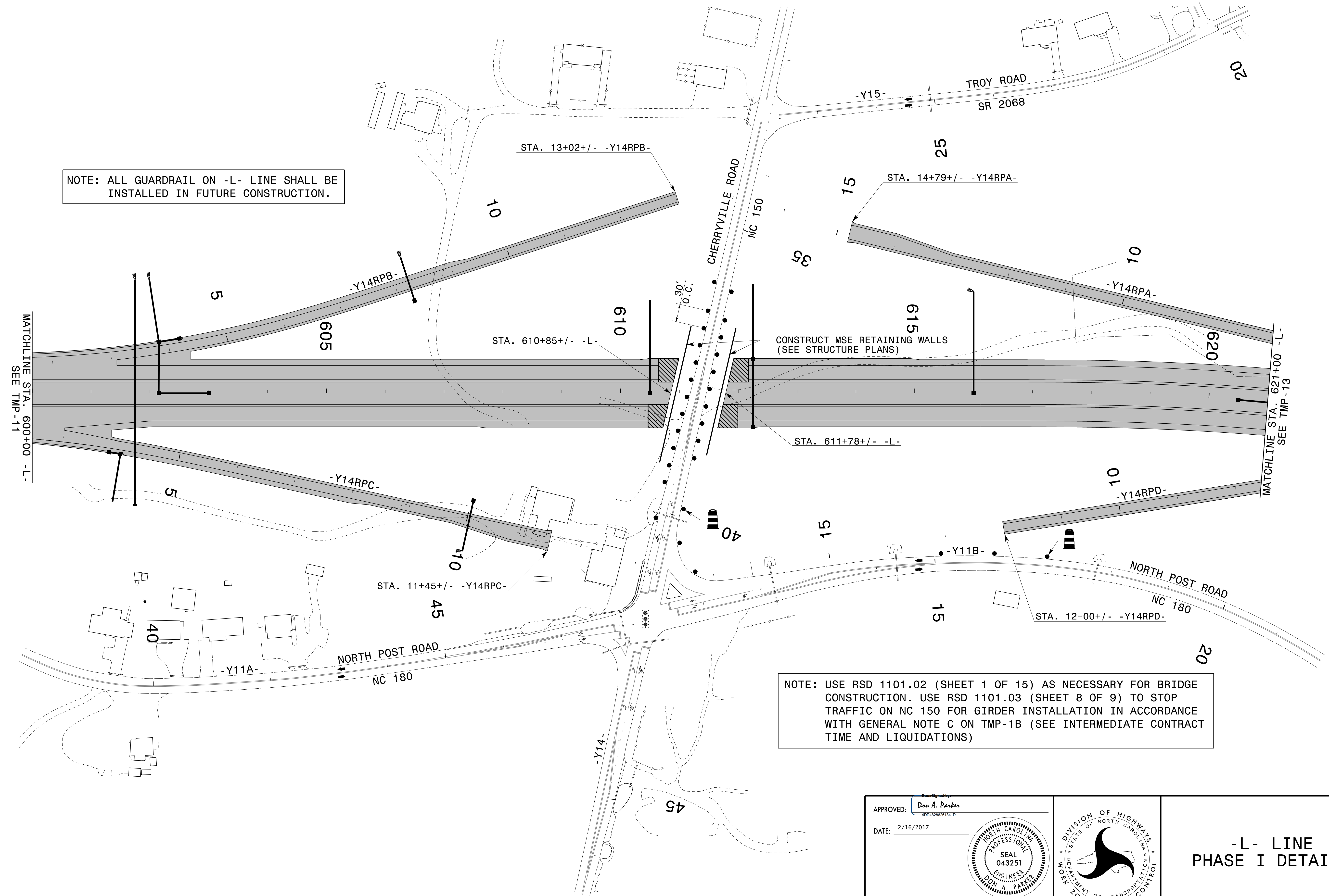
APPROVED: *Don A. Parker*
 DATE: 2/16/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

-L- LINE PHASE I DETAILS

2/16/2017
 P:\TIP\Projects-R\2707C\TrafficControl\TCP\ -L- LINE\2707C_TC_PHL_TMP11.dgn
 User:scodts

NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE INSTALLED IN FUTURE CONSTRUCTION.



NOTE: USE RSD 1101.02 (SHEET 1 OF 15) AS NECESSARY FOR BRIDGE CONSTRUCTION. USE RSD 1101.03 (SHEET 8 OF 9) TO STOP TRAFFIC ON NC 150 FOR GIRDER INSTALLATION IN ACCORDANCE WITH GENERAL NOTE C ON TMP-1B (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATIONS)

2/16/2017 P:\TIP\Projects-R\2707C\TrafficControl\TCP\ -L- LINE\2707C_TC_PHL_TMP12.dgn User:scodts

APPROVED: *Don A. Parker*
40482862618410...

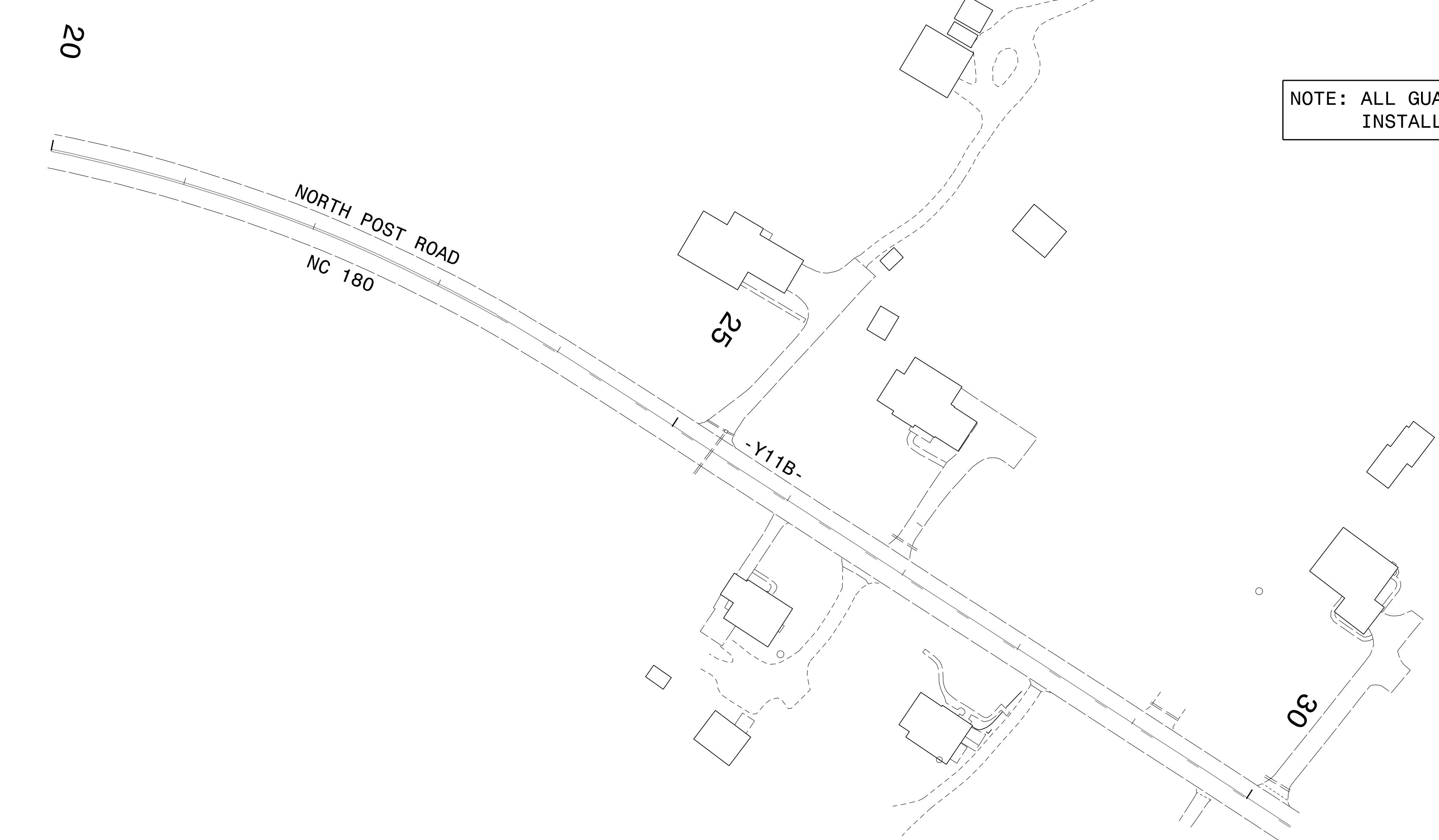
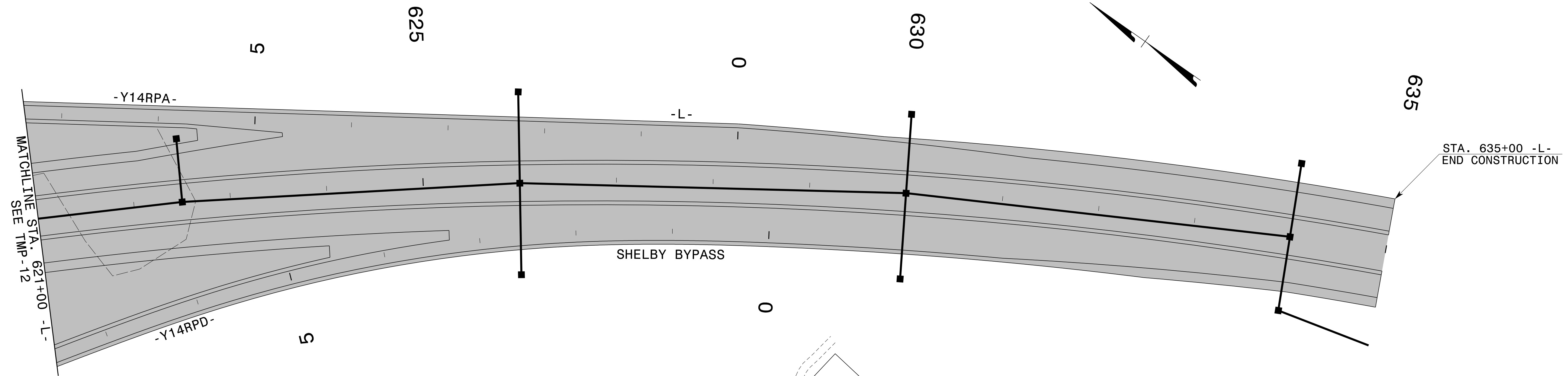
DATE: 2/16/2017

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**-L- LINE
 PHASE I DETAILS**



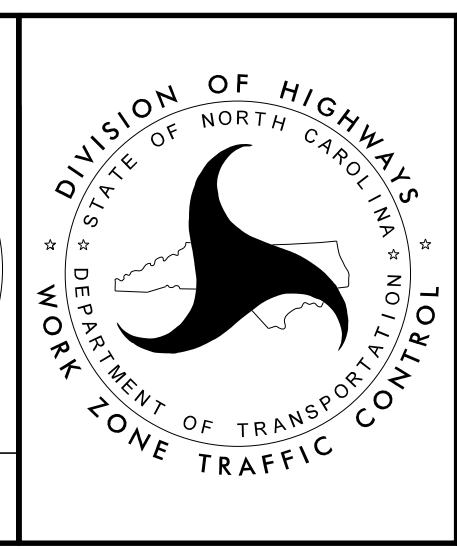
NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE INSTALLED IN FUTURE CONSTRUCTION.

2/16/2017
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 User:scodts

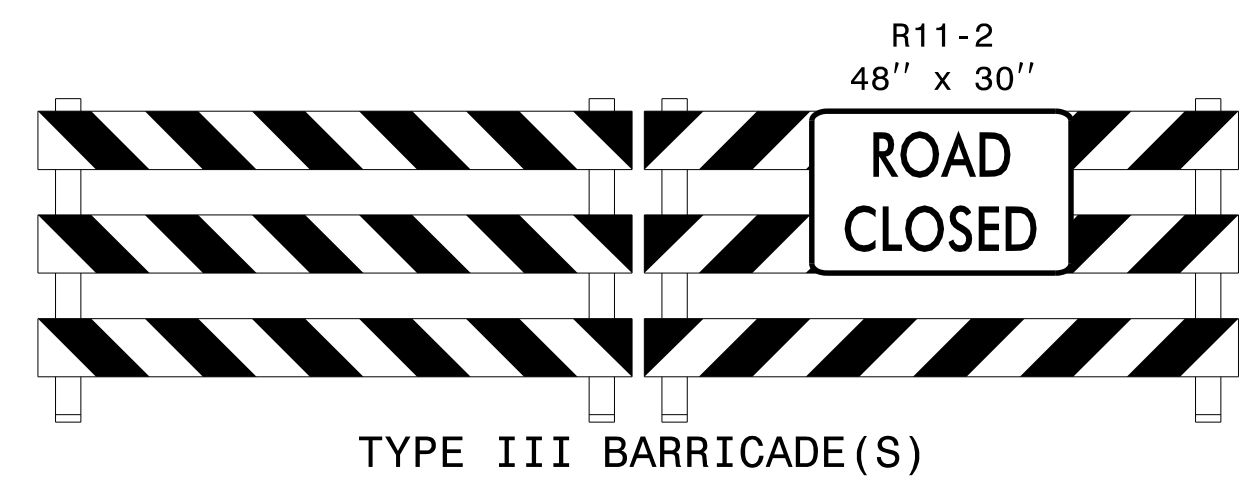
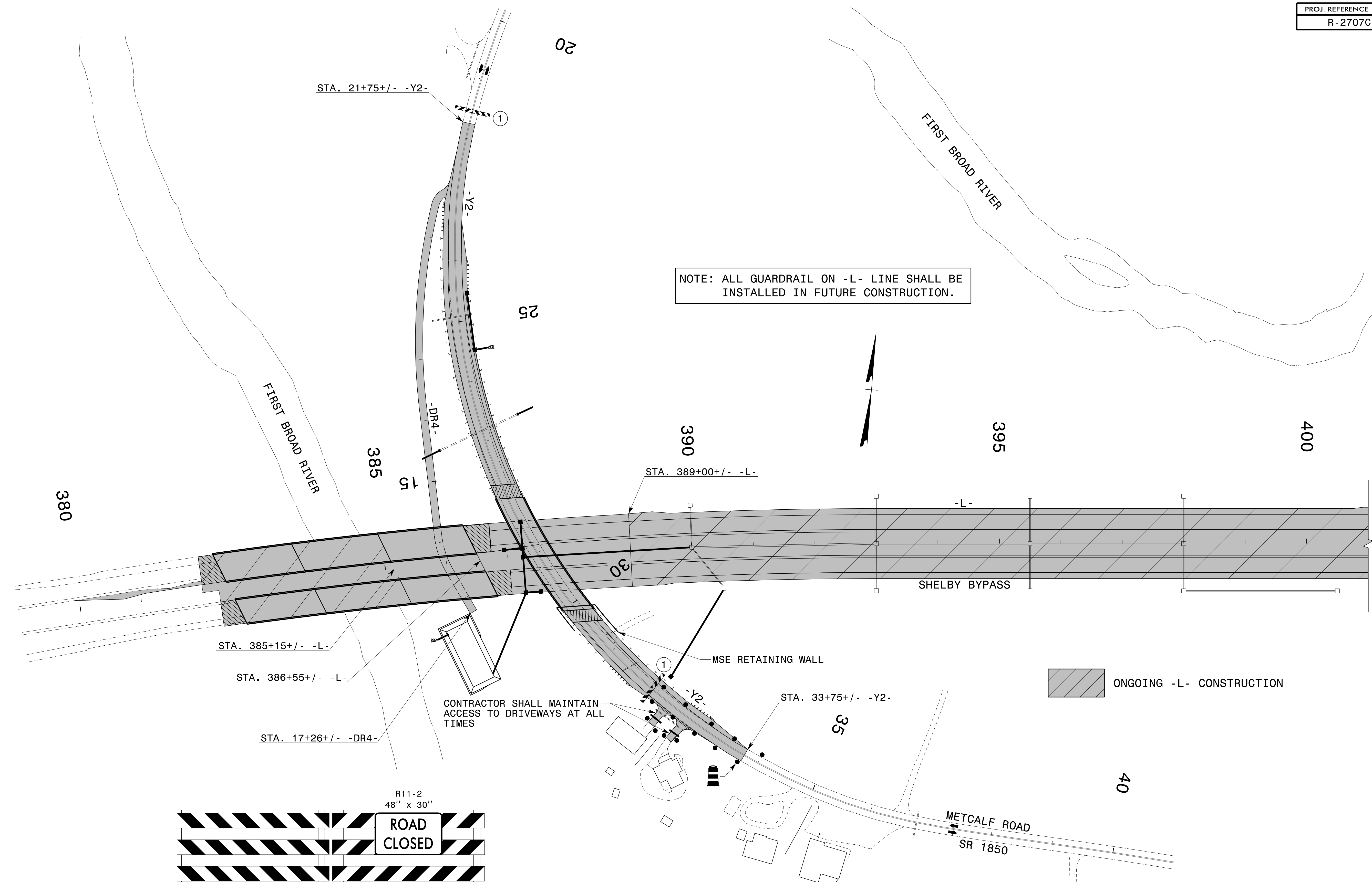
APPROVED: *Don A. Parker*
400482802618410...

DATE: 2/16/2017

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



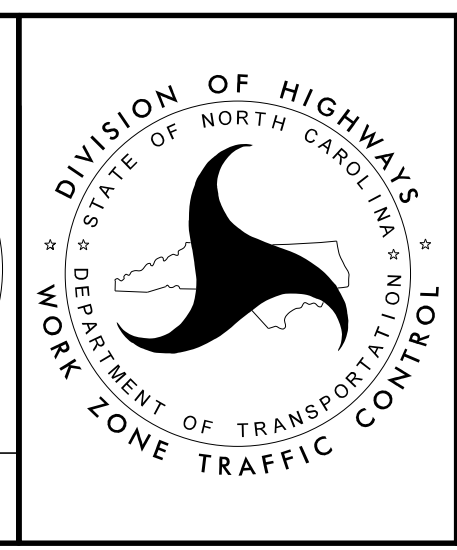
**-L- LINE
PHASE I DETAILS**



APPROVED: *Don A. Parker*
DATE: 2/16/2017

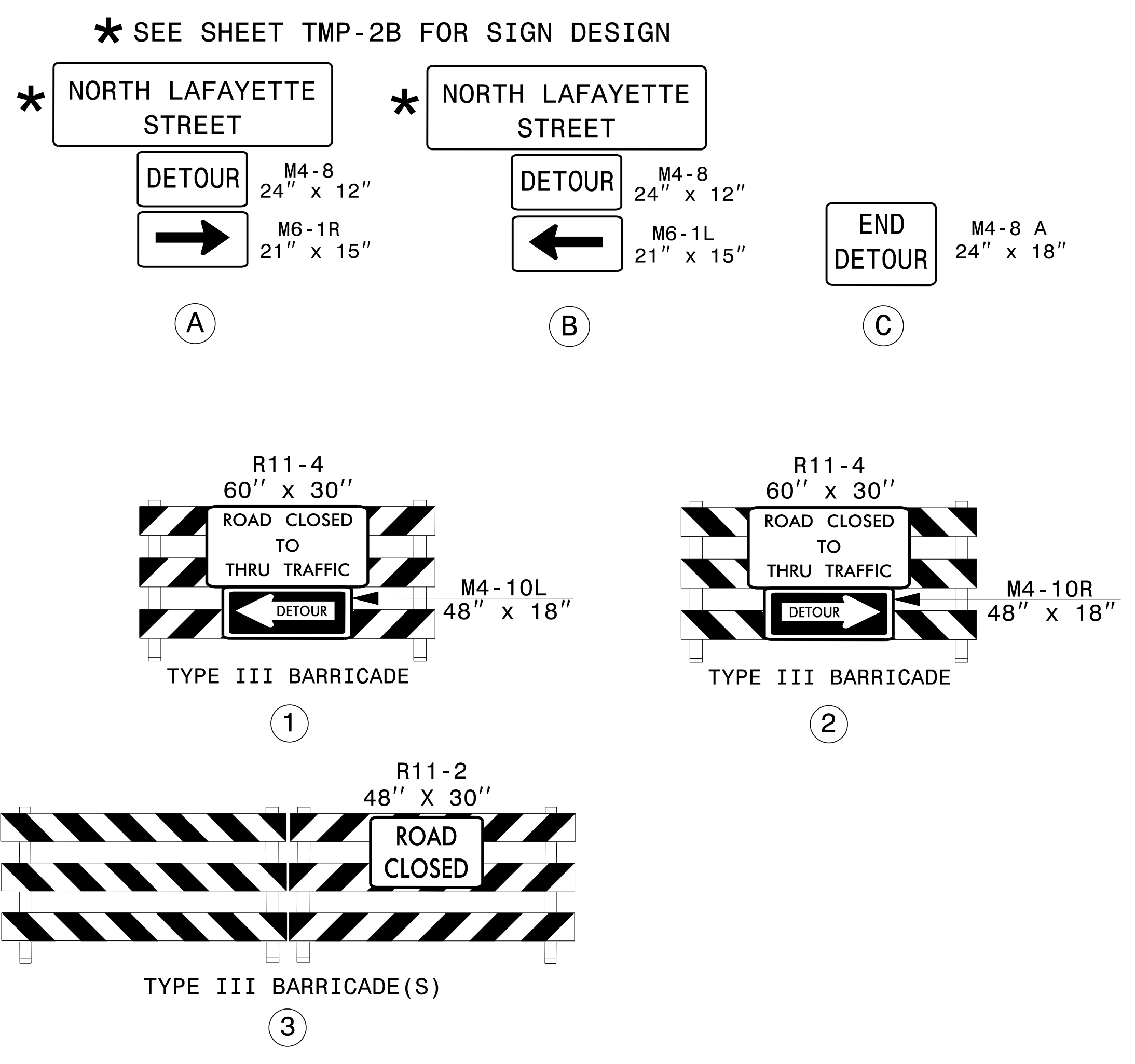
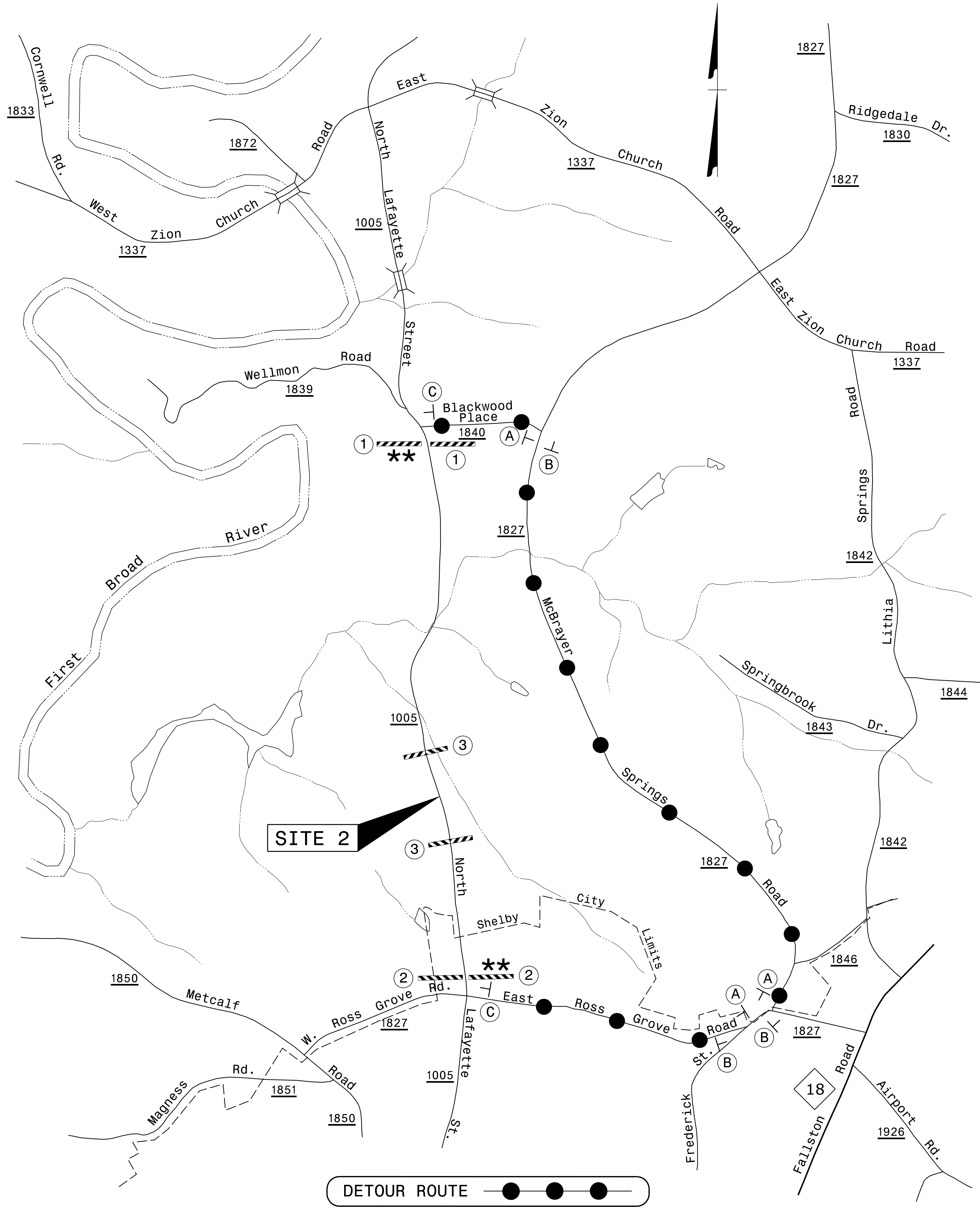
SEAL
043251
ENGINEER
DON A. PARKER

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UNLESS ALL SIGNATURES COMPLETED



**SITE 1
PHASE I DETAILS
METCALF RD.
SR 1850
(-Y2-)**

2/16/2017
 P:\TIP\Projects-R\2707C\TrafficControl\TCP\SITE 1\R2707C_TC_SITE1\PHL_TMP15.dgn
 User:scodts



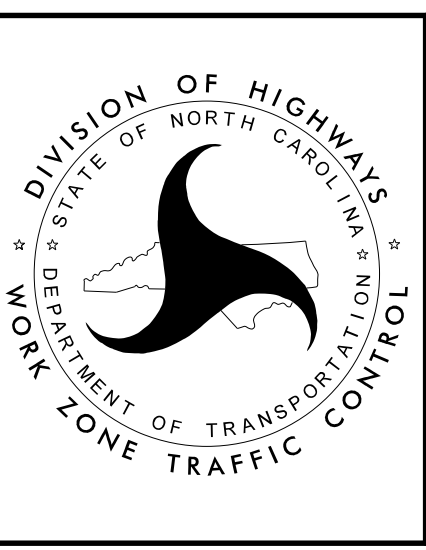
**** SEE RSD 1101.03, SHEET 1 OF 9, FOR ADDITIONAL WORK ZONE SIGNS AND LOCATIONS**

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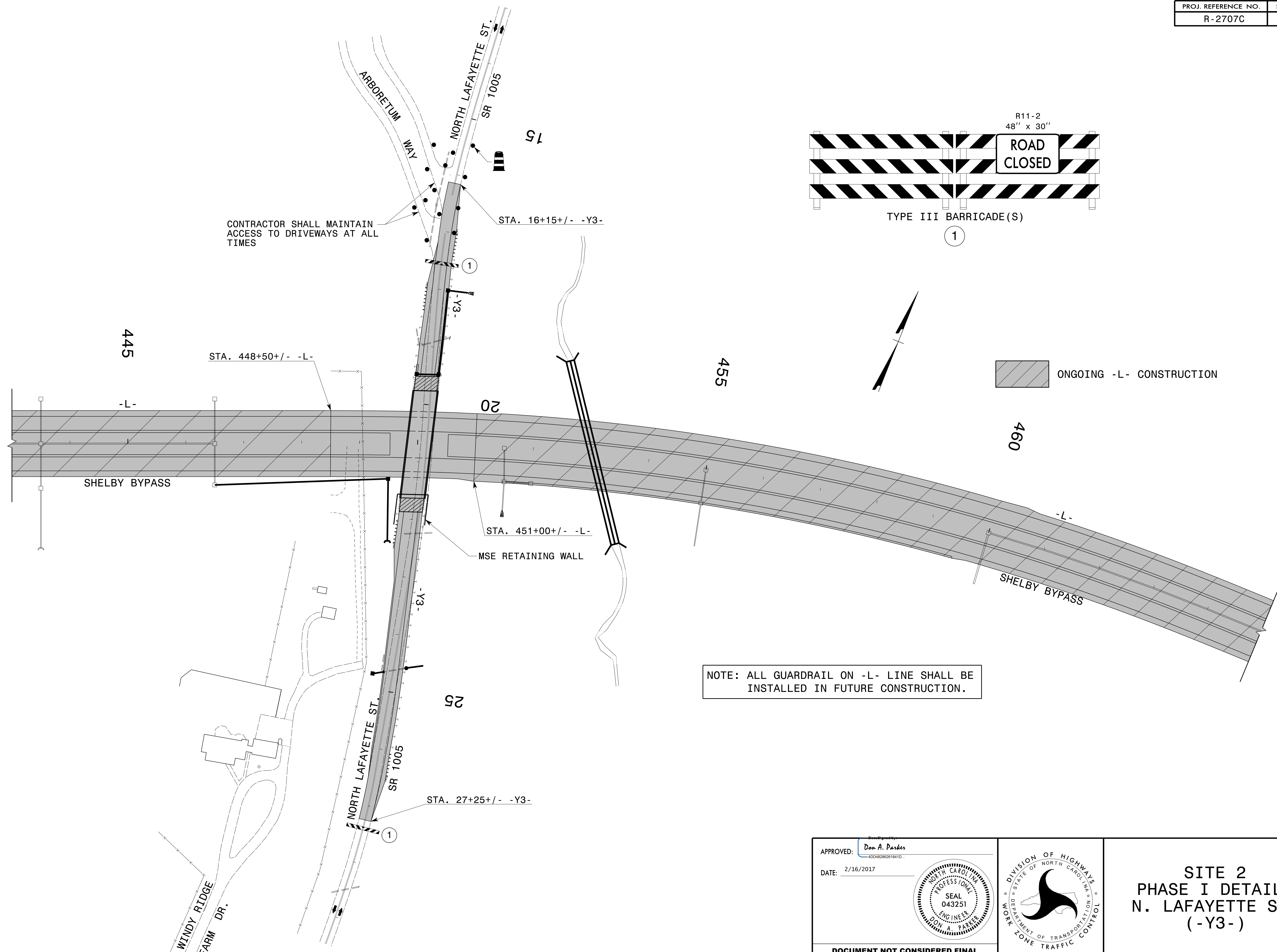
APPROVED: *Don A. Parker*

DATE: 2/16/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



**SITE 2
PHASE I
OFF-SITE DETOUR
NORTH LAFAYETTE ST.
SR 1005
(-Y3-)**

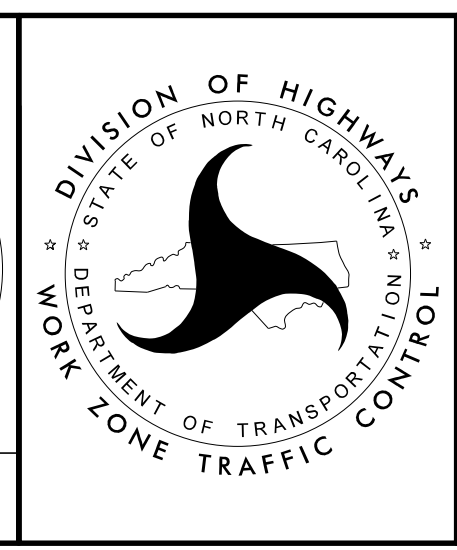


2/16/2017
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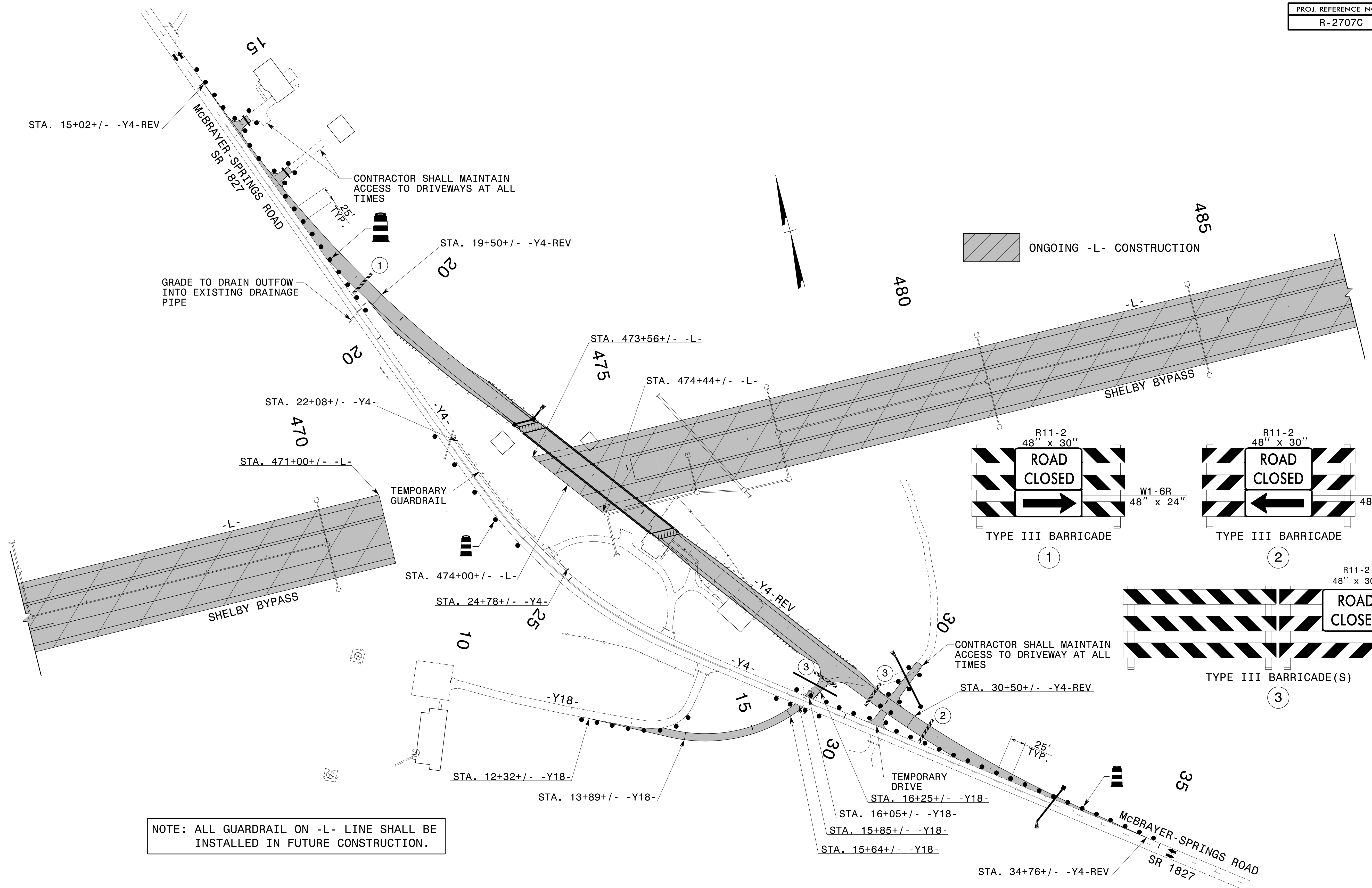
APPROVED: *Don A. Parker*
40482802618410...

DATE: 2/16/2017

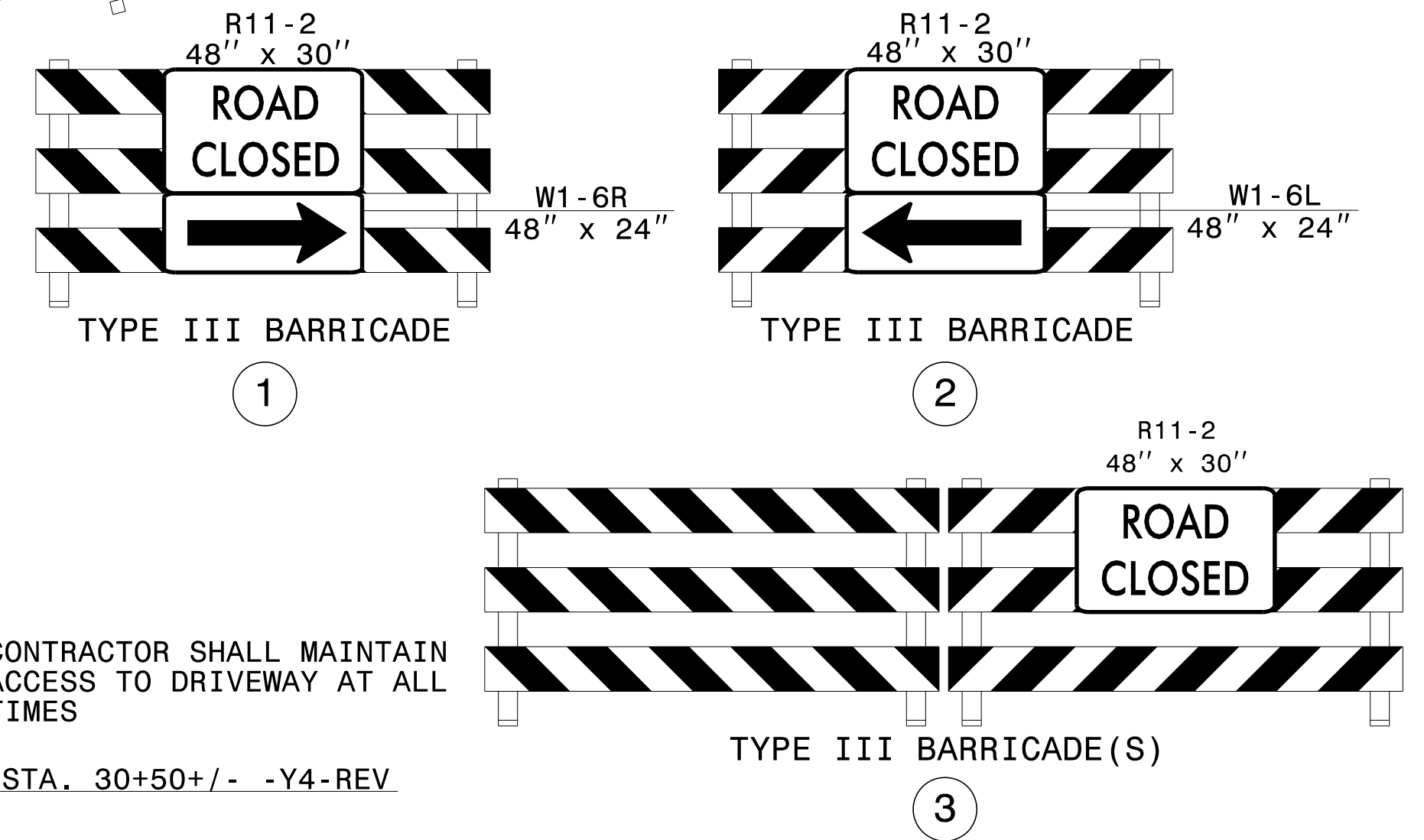
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**SITE 2
 PHASE I DETAILS
 N. LAFAYETTE ST.
 (-Y3-)**



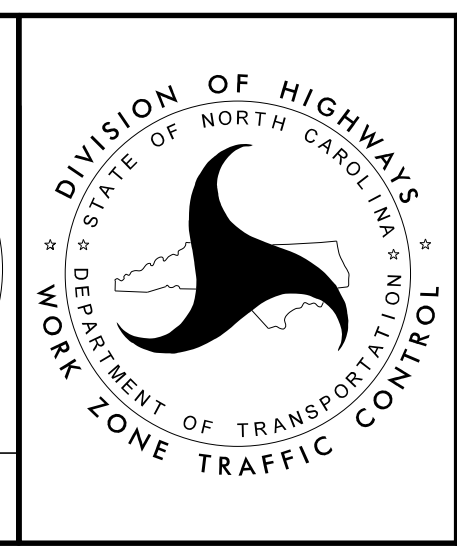
NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE INSTALLED IN FUTURE CONSTRUCTION.



2/16/2017
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 User:scodts

APPROVED: *Don A. Parker*
 DATE: 2/16/2017

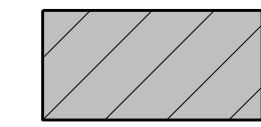
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

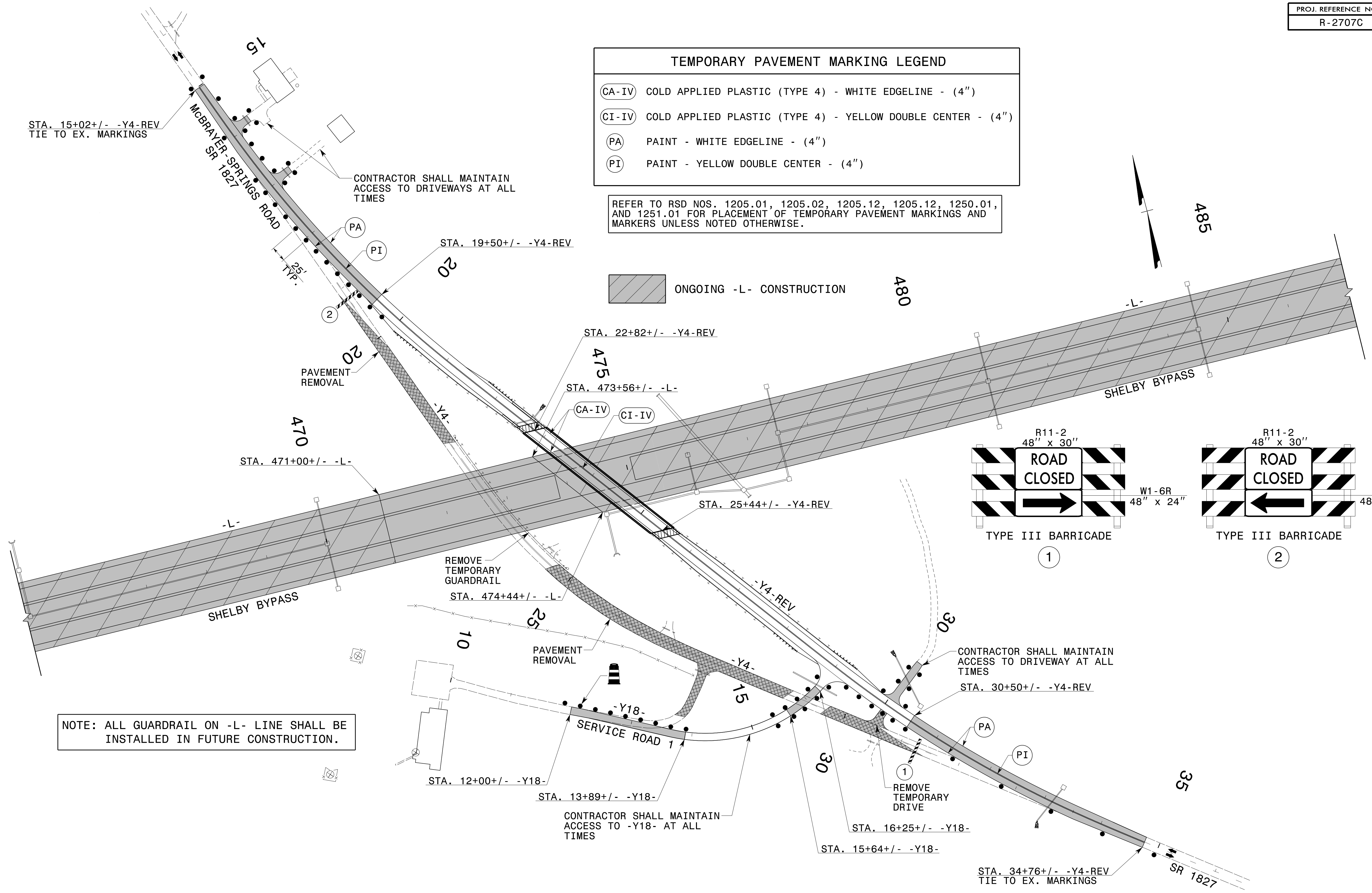


**SITE 3
 PHASE I DETAILS
 McBRAYER-SPRINGS RD.
 (-Y4-REV)
 AND
 SERVICE ROAD 1
 (-Y18-)**

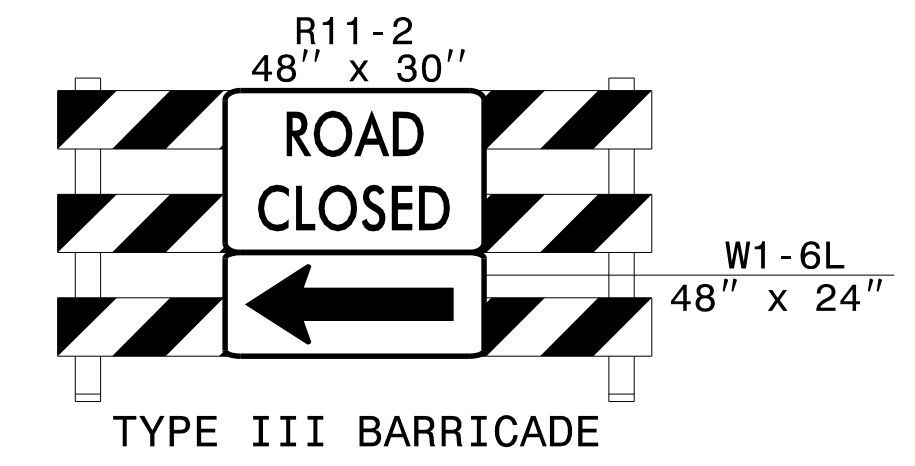
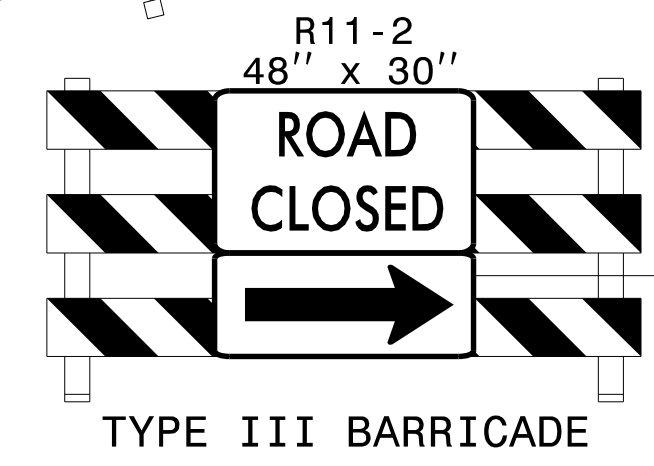
TEMPORARY PAVEMENT MARKING LEGEND	
CA-IV	COLD APPLIED PLASTIC (TYPE 4) - WHITE EDGELINE - (4")
CI-IV	COLD APPLIED PLASTIC (TYPE 4) - YELLOW DOUBLE CENTER - (4")
PA	PAINT - WHITE EDGELINE - (4")
PI	PAINT - YELLOW DOUBLE CENTER - (4")

REFER TO RSD NOS. 1205.01, 1205.02, 1205.12, 1205.12, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

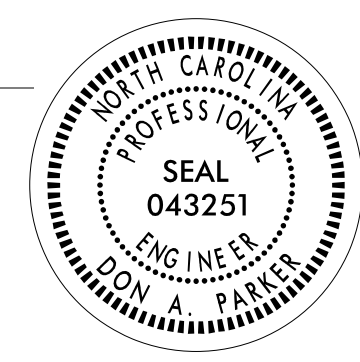
 ONGOING -L- CONSTRUCTION



NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE INSTALLED IN FUTURE CONSTRUCTION.



APPROVED: *Don A. Parker*
 DATE: 2/16/2017

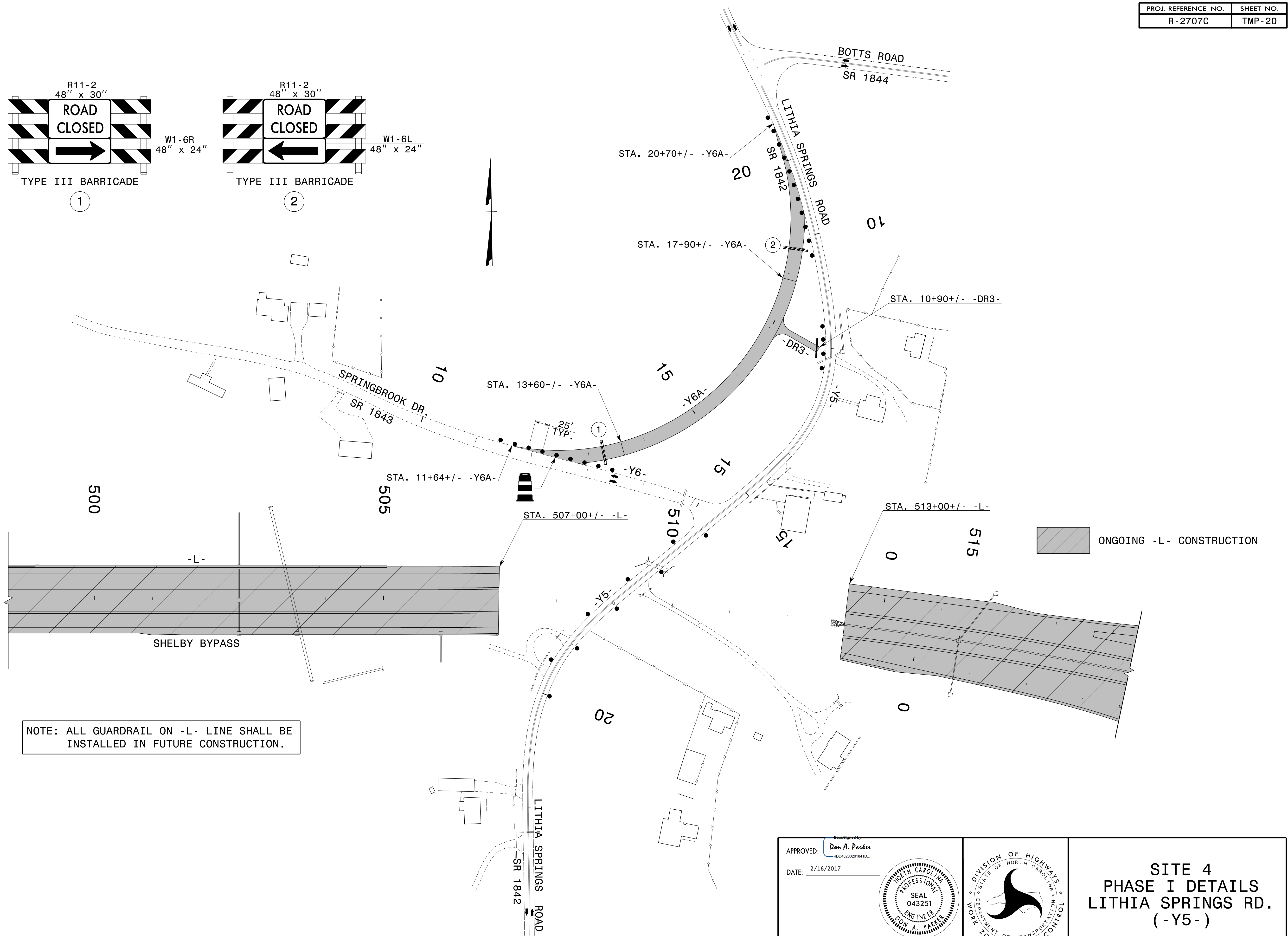
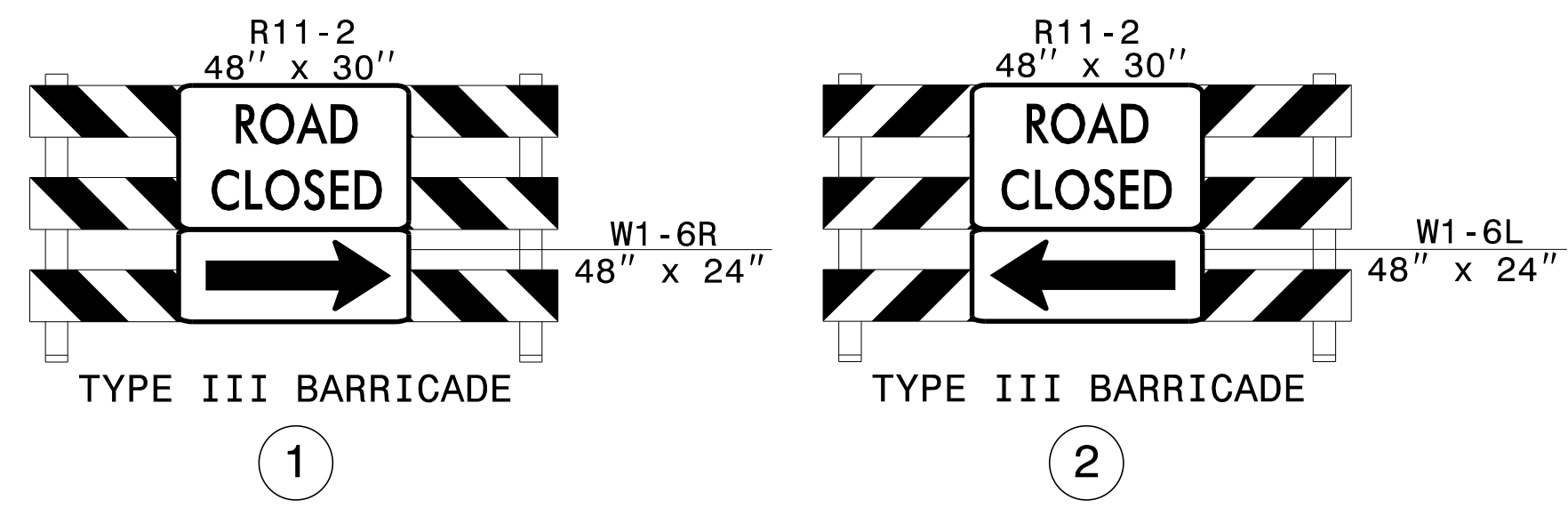


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



**SITE 3
 PHASE II DETAILS
 McBRAYER-SPRINGS RD.
 (-Y4-REV)
 AND
 SERVICE ROAD 1
 (-Y18-)**

2/16/2017
 P:\TIP\Projects-R\2707C\TrafficControl\TCP\SITE_3\2707C_TC_SITE3_PH2_TMP19.dgn
 User:scodts

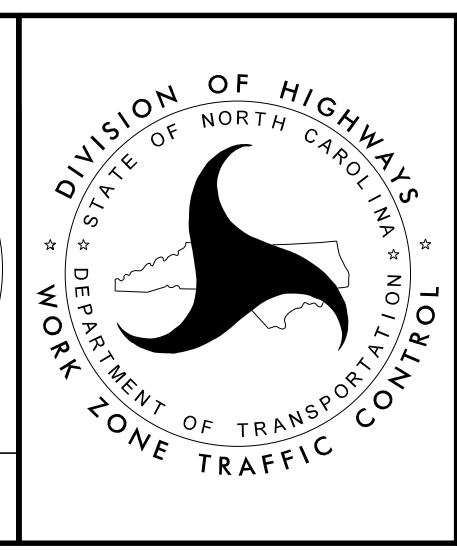


NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE INSTALLED IN FUTURE CONSTRUCTION.

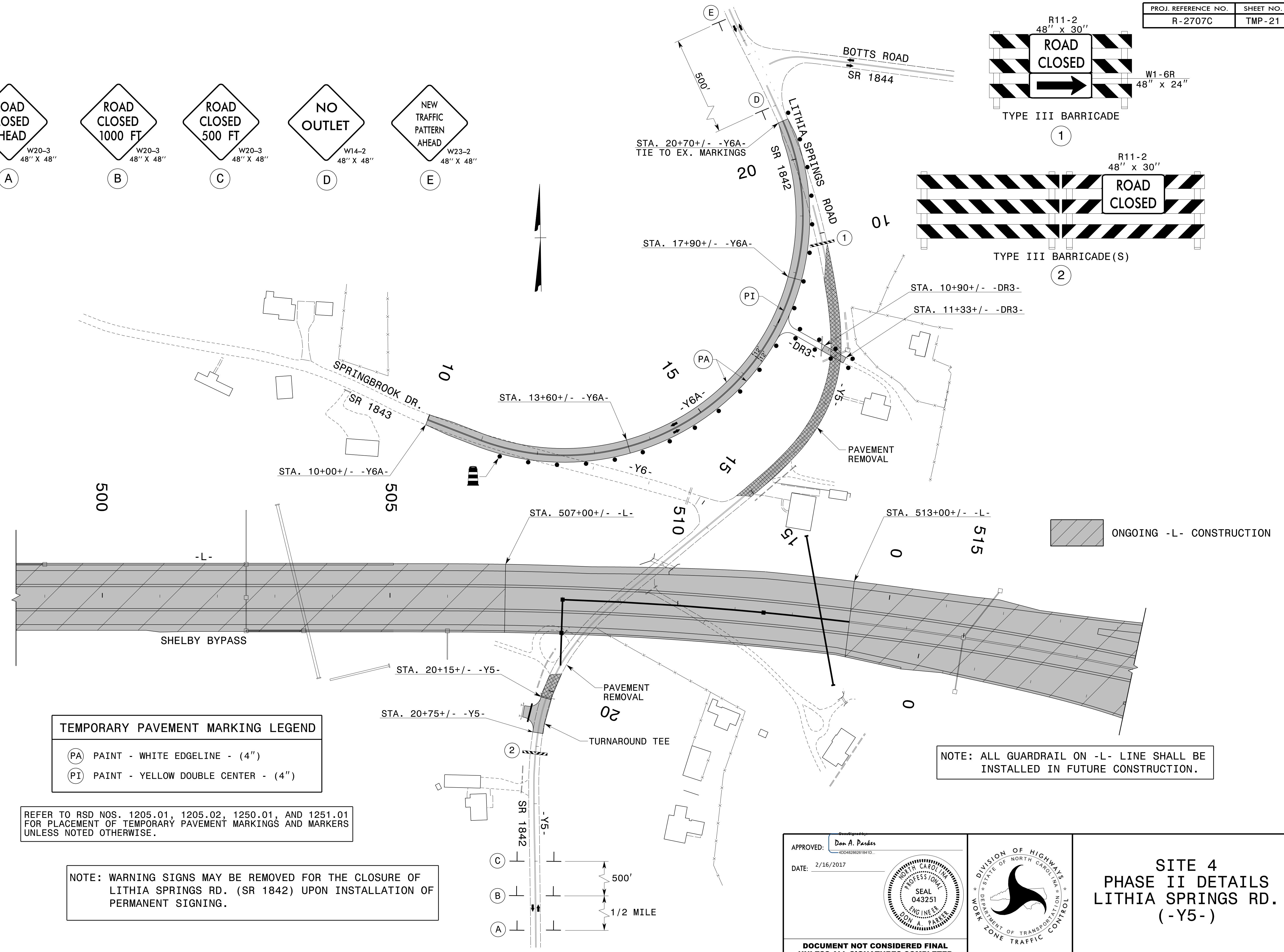
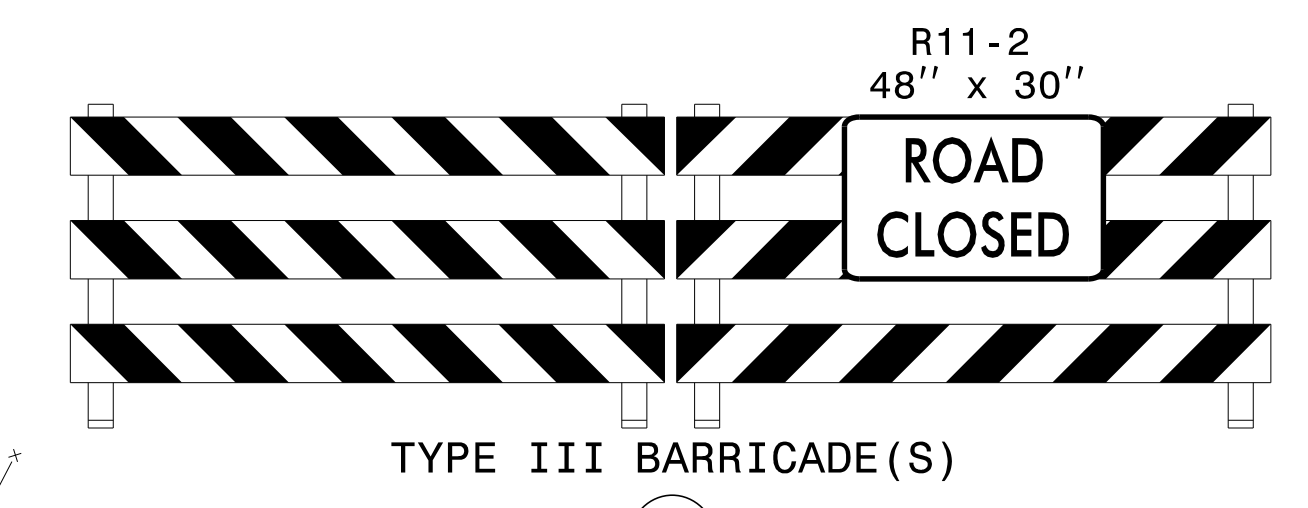
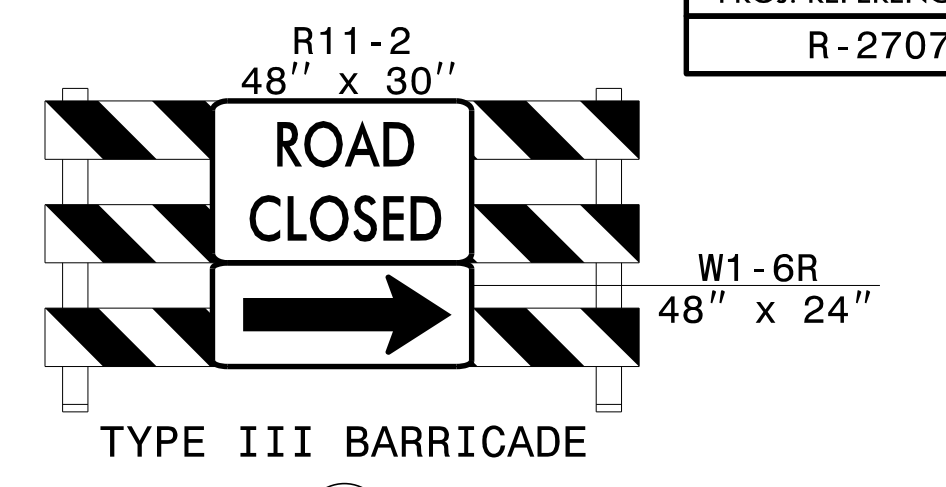
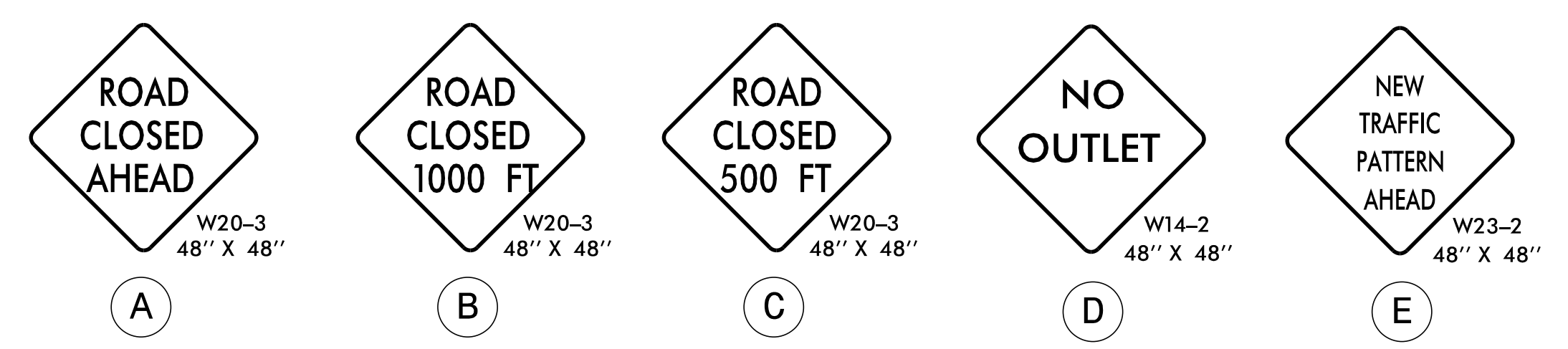
2/16/2017
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User:scodts

APPROVED: *Don A. Parker*
DATE: 2/16/2017

**DOCUMENT NOT CONSIDERED FINAL
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**SITE 4
PHASE I DETAILS
LITHIA SPRINGS RD.
(-Y5-)**



TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")

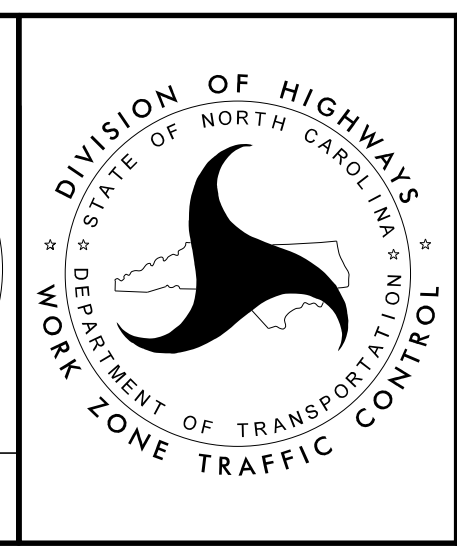
REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

NOTE: WARNING SIGNS MAY BE REMOVED FOR THE CLOSURE OF LITHIA SPRINGS RD. (SR 1842) UPON INSTALLATION OF PERMANENT SIGNING.

NOTE: ALL GUARDRAIL ON -L- LINE SHALL BE INSTALLED IN FUTURE CONSTRUCTION.

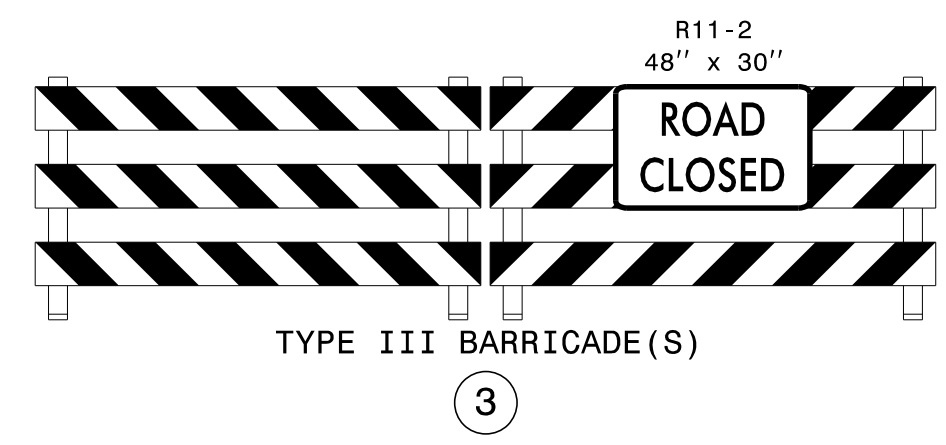
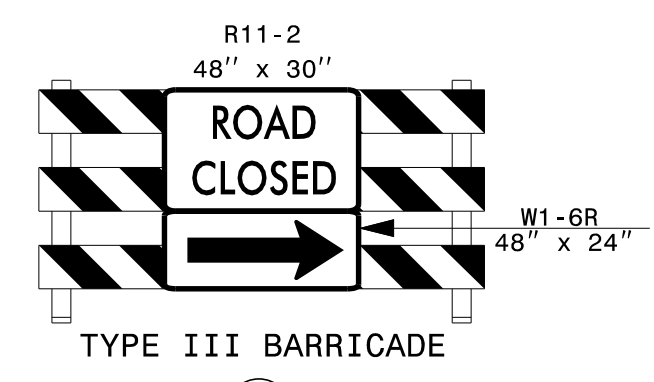
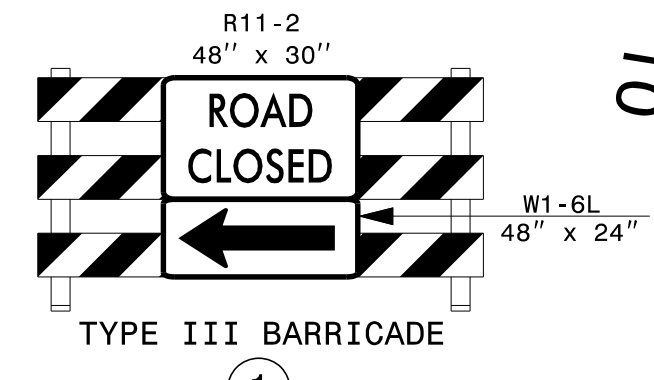
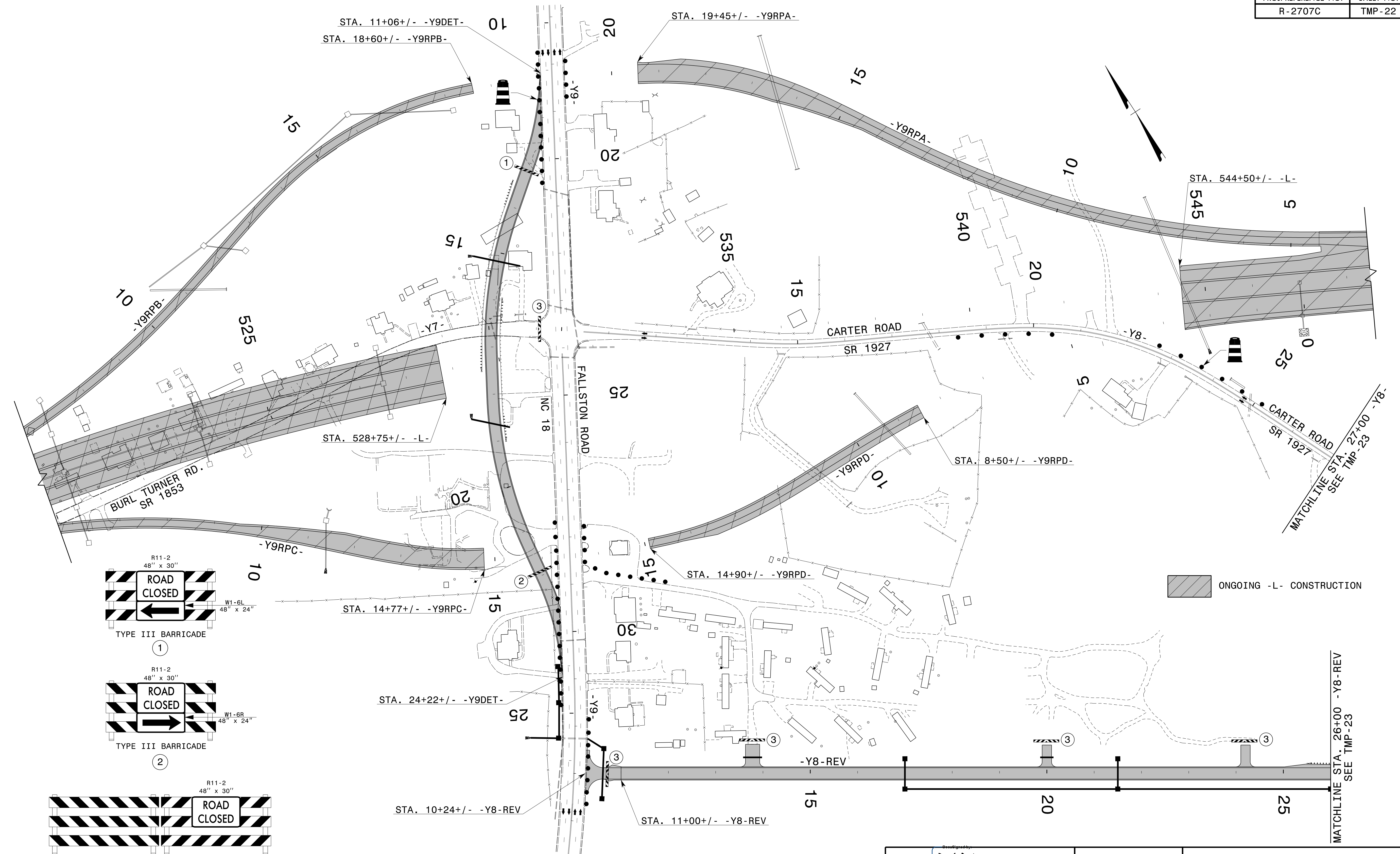
APPROVED: *Don A. Parker*
 DATE: 2/16/2017

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**SITE 4
 PHASE II DETAILS
 LITHIA SPRINGS RD.
 (-Y5-)**

2/16/2017
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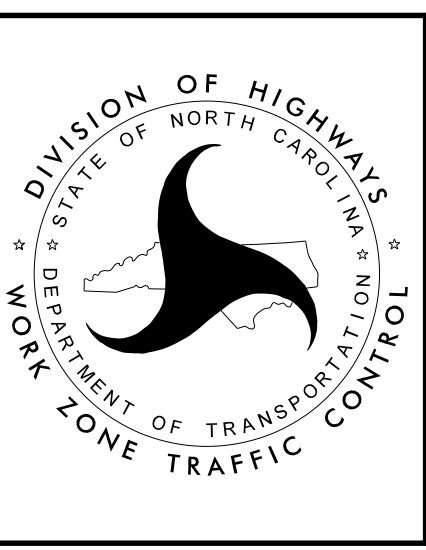
ONGOING -L- CONSTRUCTION

MATCHLINE STA. 26+00 - Y8-REV
SEE TMP-23

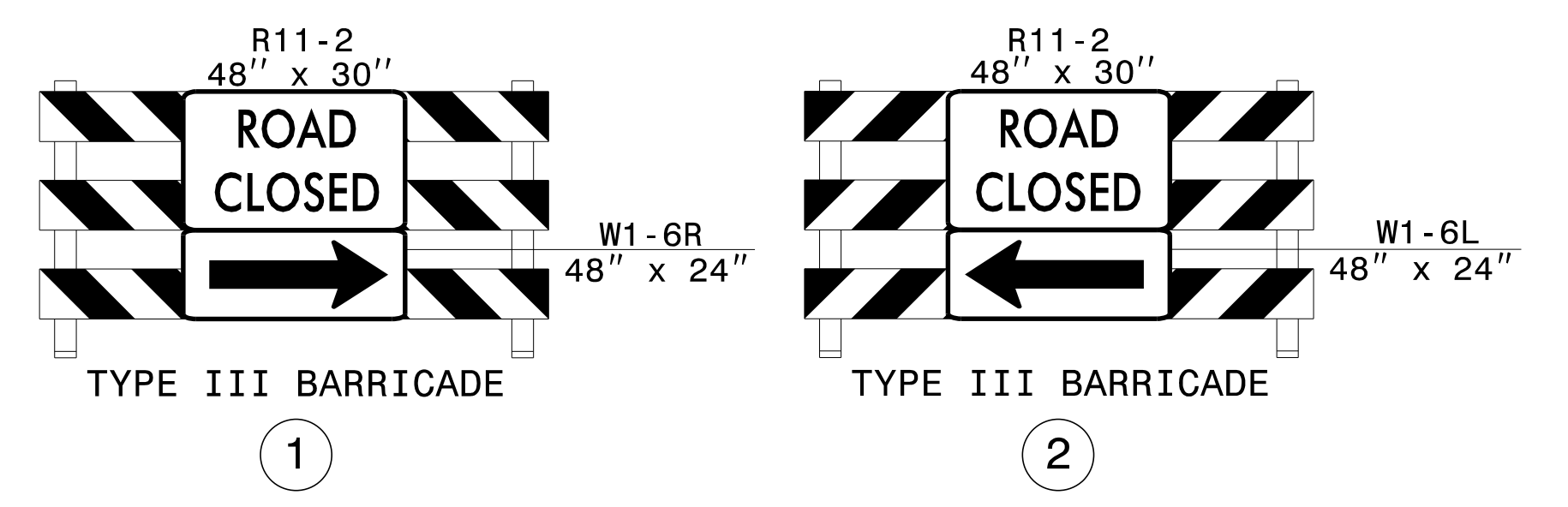
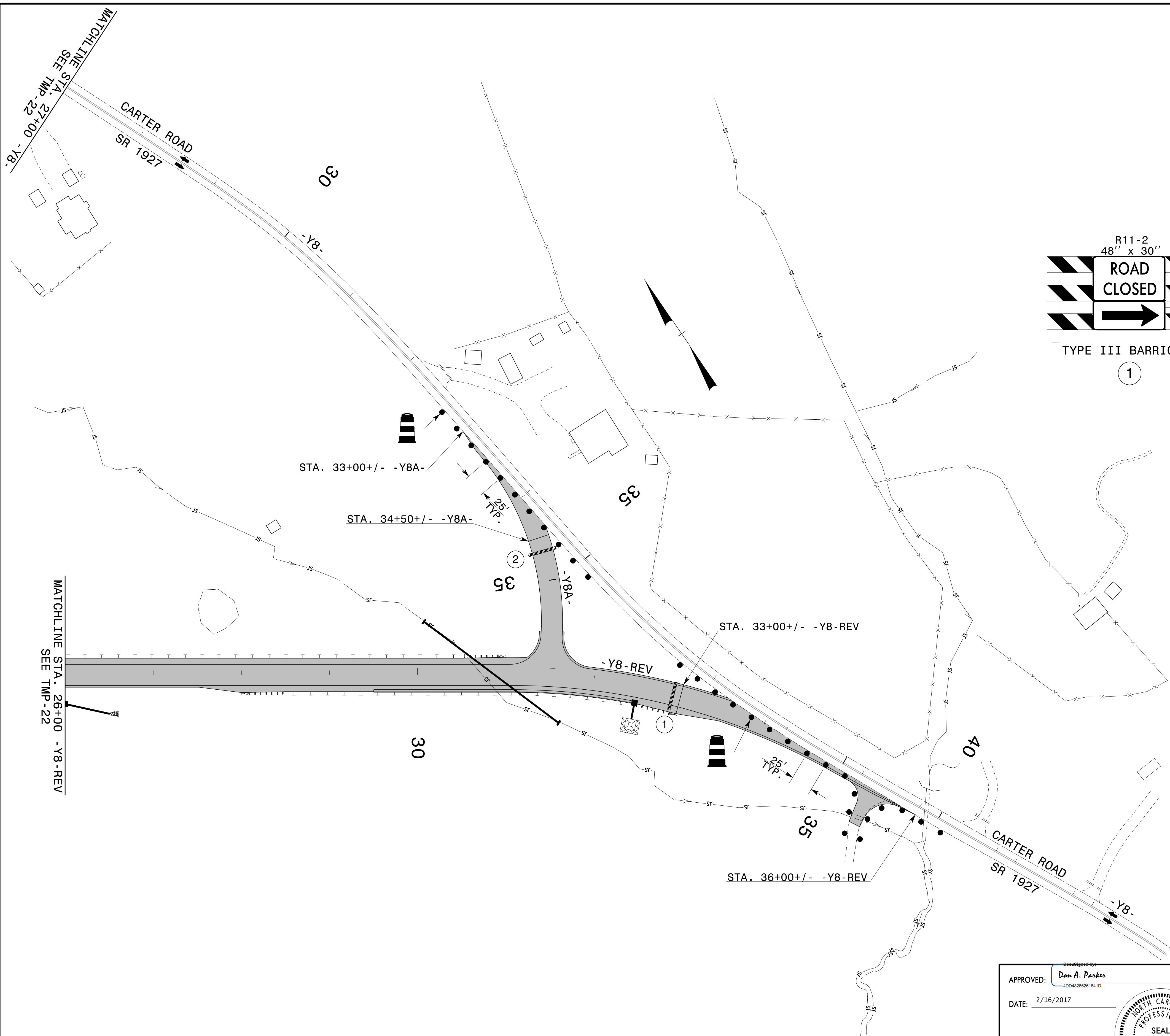
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APPROVED: *Don A. Parker*
DATE: 2/16/2017

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UNLESS ALL SIGNATURES COMPLETED**



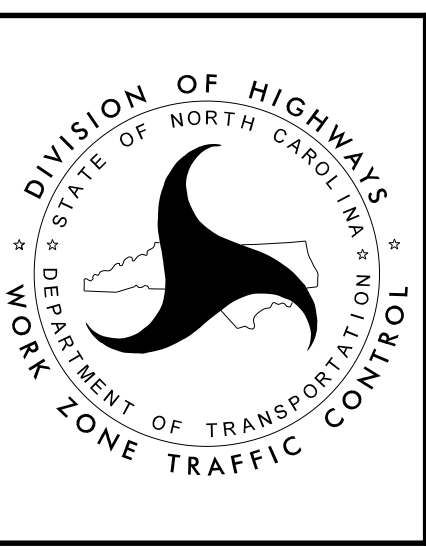
**SITE 5
PHASE I DETAILS
FALLSTON ROAD
NC 18
(-Y9- & -Y8-REV)**



2/16/2017
 P:\TIP\Projects-R\2707C\TrafficControl\TCP\SITE_5\R2707C_TC_SITE5_PHL_TMP23.dgn
 User:scodts

APPROVED: *Don A. Parker*
 DATE: 2/16/2017

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 UNLESS ALL SIGNATURES COMPLETED**

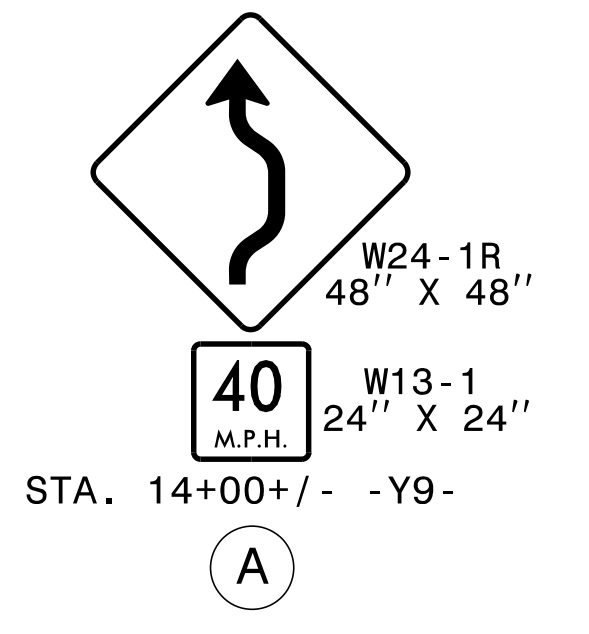
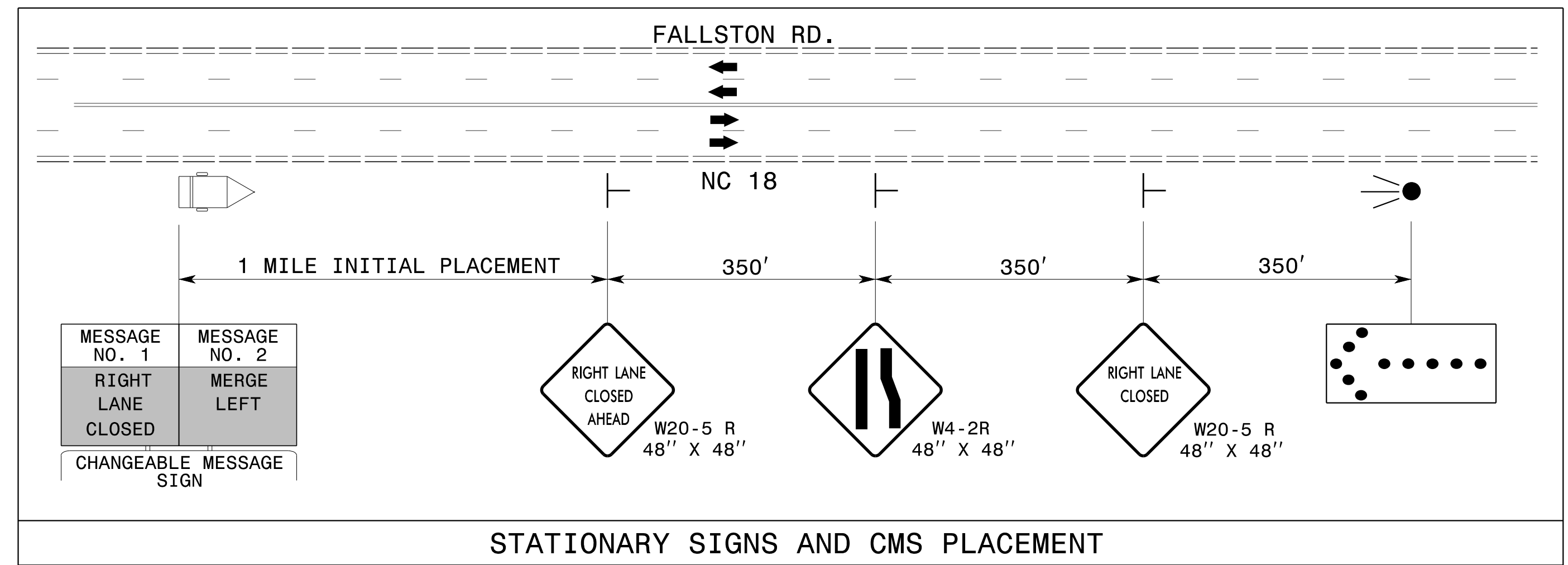
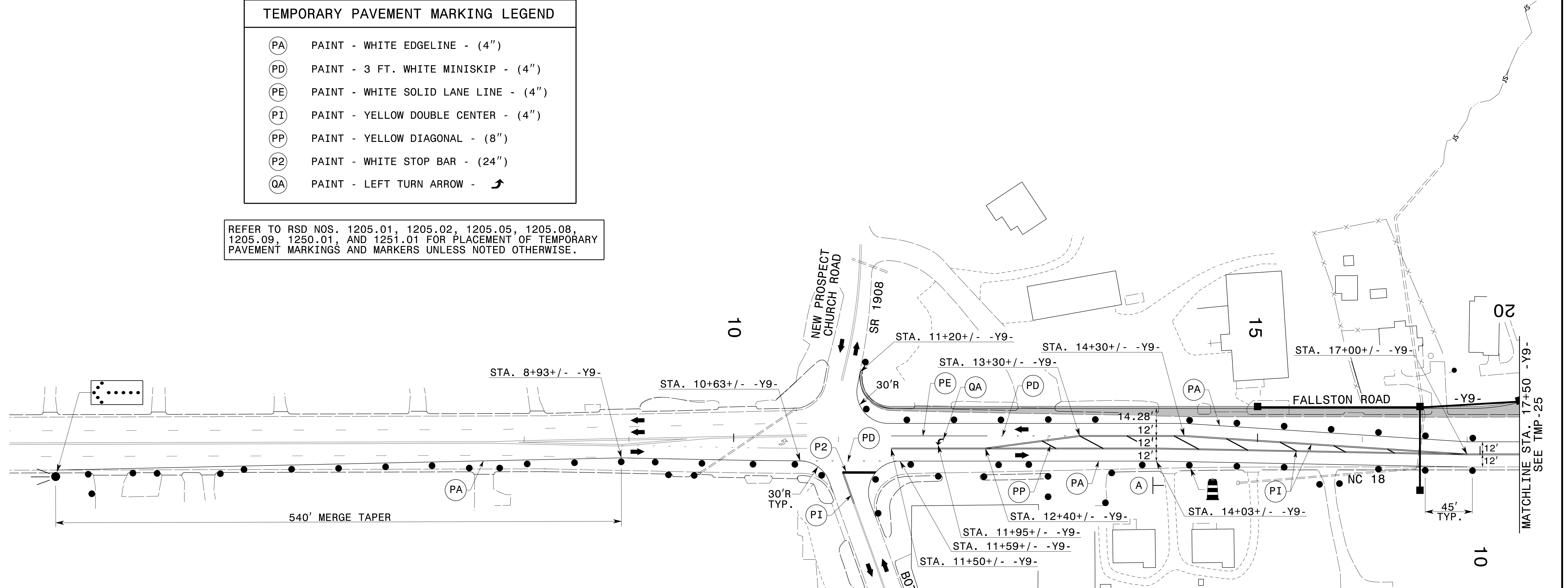


**SITE 5
 PHASE I DETAILS
 CARTER ROAD
 SR 1927
 (-Y8-REV & -Y8A-)**

TEMPORARY PAVEMENT MARKING LEGEND

(PA)	PAINT - WHITE EDGELINE - (4")
(PD)	PAINT - 3 FT. WHITE MINISKIP - (4")
(PE)	PAINT - WHITE SOLID LANE LINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(PP)	PAINT - YELLOW DIAGONAL - (8")
(P2)	PAINT - WHITE STOP BAR - (24")
(QA)	PAINT - LEFT TURN ARROW - ↶

REFER TO RSD NOS. 1205.01, 1205.02, 1205.05, 1205.08, 1205.09, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.



APPROVED: *Don A. Parker*
 DATE: 2/16/2017

SEAL
 043251
 ENGINEER
 DON A. PARKER

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**SITE 5
 PHASE II DETAILS
 FALLSTON ROAD
 NC 18
 (-Y9-)**

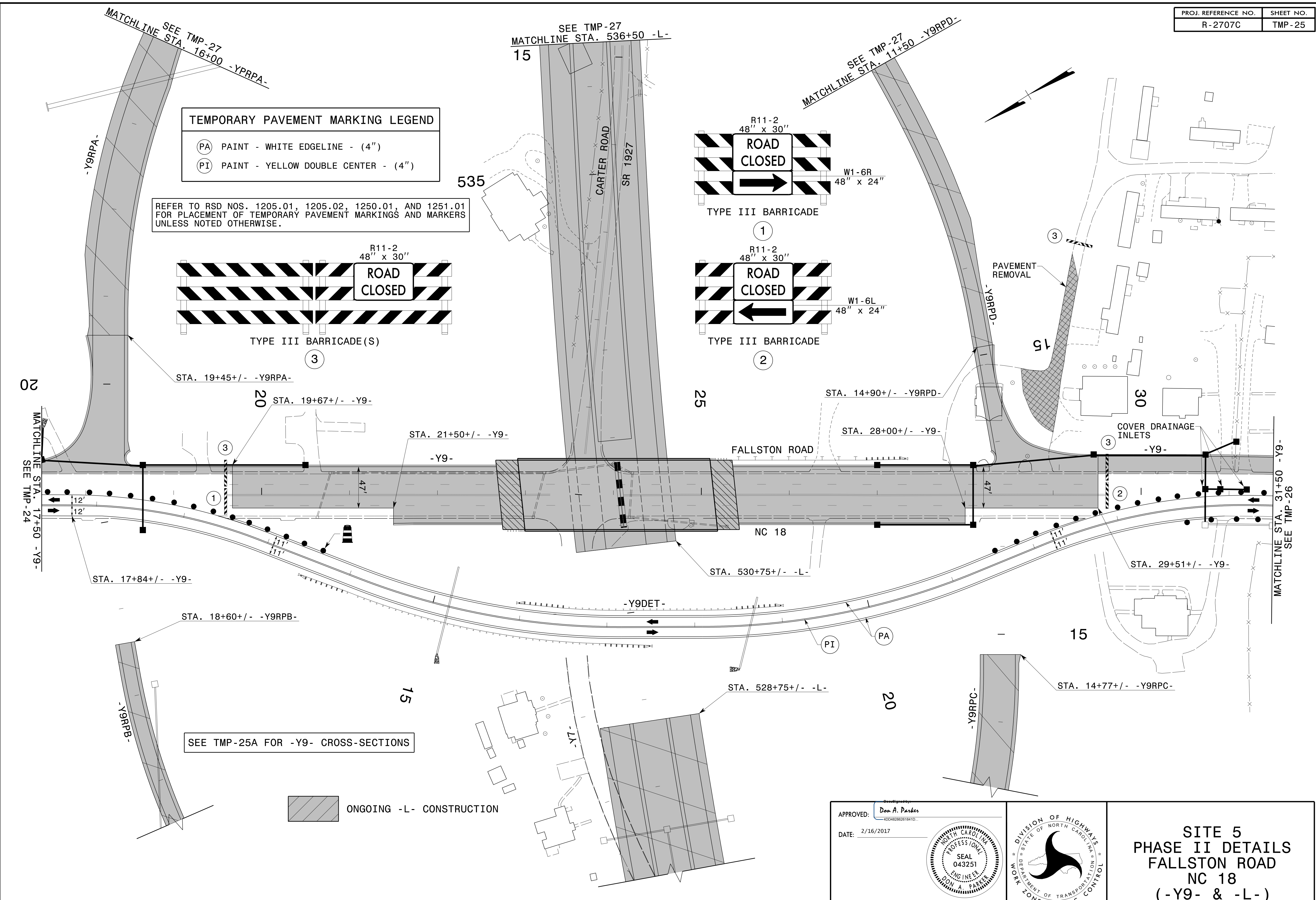
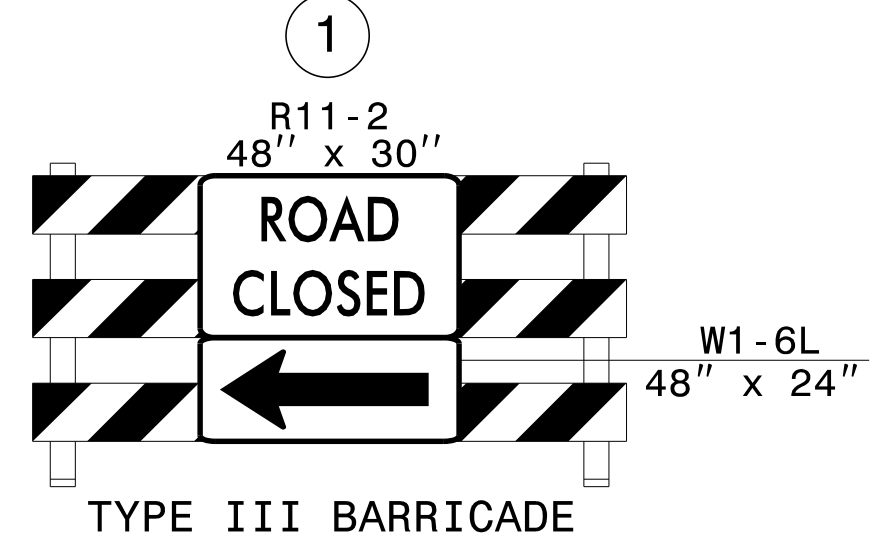
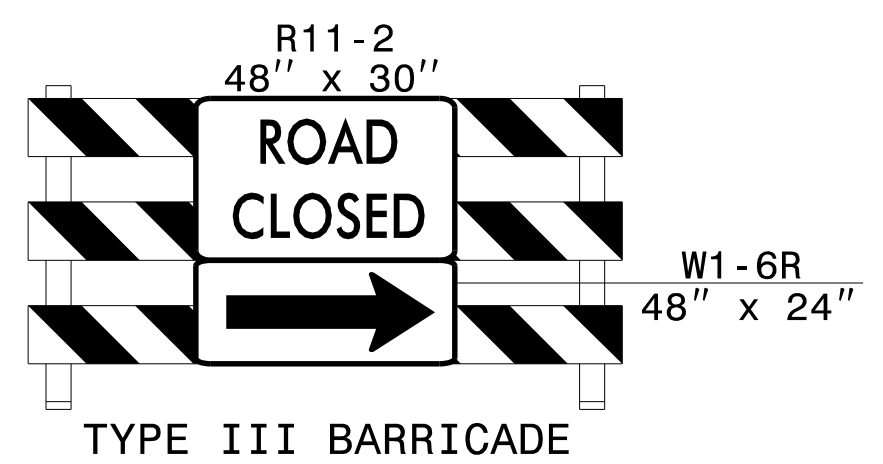
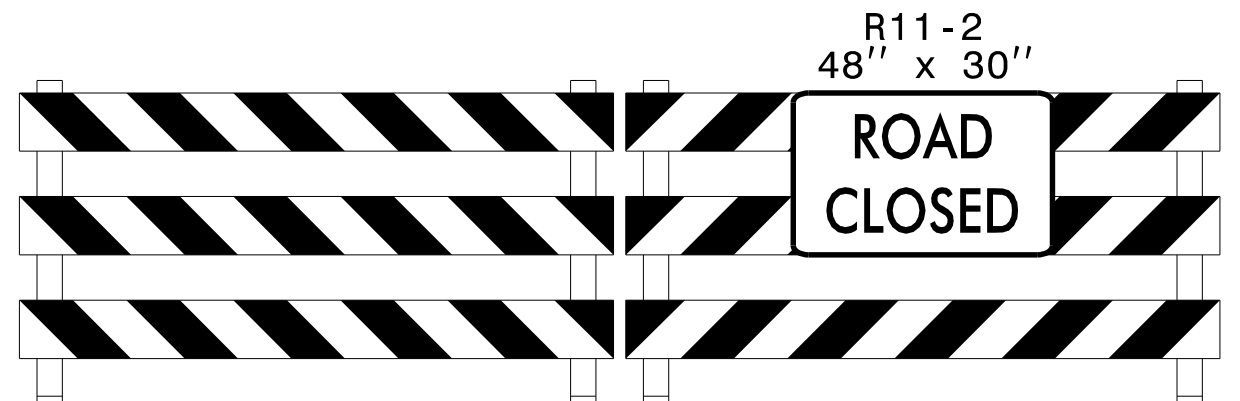
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 User:scodts

TEMPORARY PAVEMENT MARKING LEGEND

(PA) PAINT - WHITE EDGELINE - (4")

(PI) PAINT - YELLOW DOUBLE CENTER - (4")

REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.



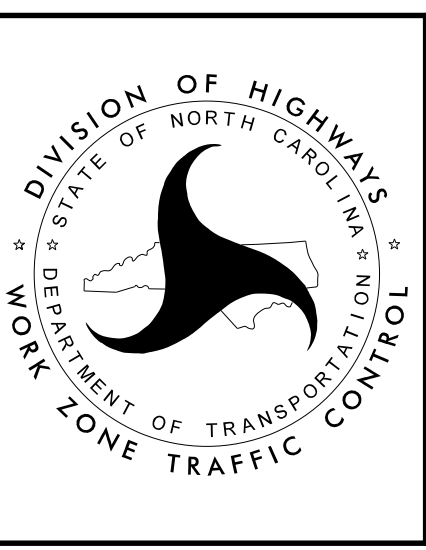
SEE TMP-25A FOR -Y9- CROSS-SECTIONS

ONGOING -L- CONSTRUCTION

APPROVED: *Don A. Parker*
40042826218410

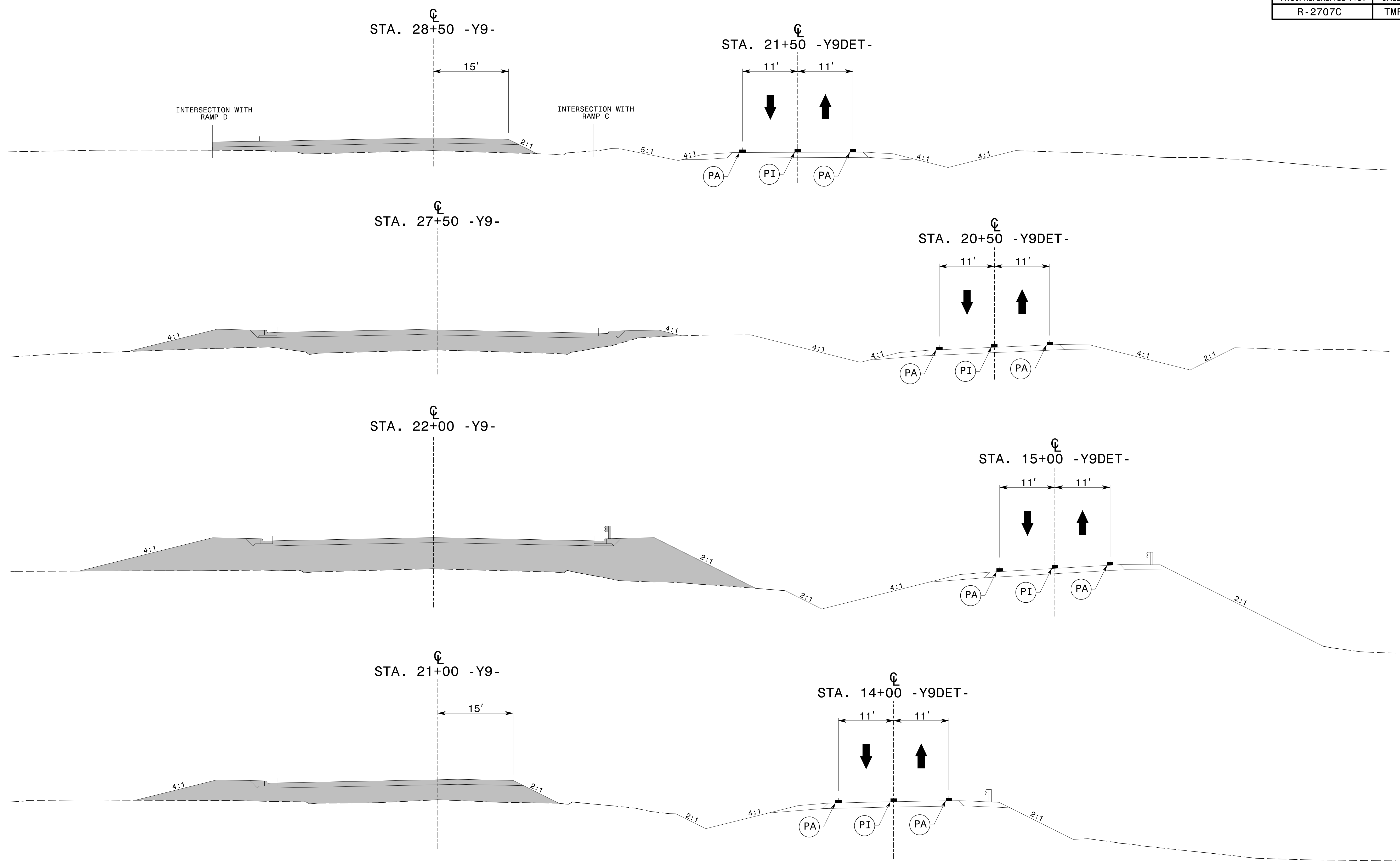
DATE: 2/16/2017

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UNLESS ALL SIGNATURES COMPLETED**



**SITE 5
PHASE II DETAILS
FALLSTON ROAD
NC 18
(-Y9- & -L-)**

2/16/2017
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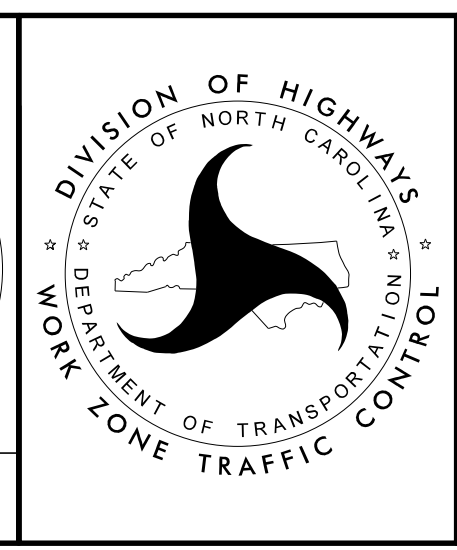


2/16/2017
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 User:scodts

APPROVED: *Don A. Parker*
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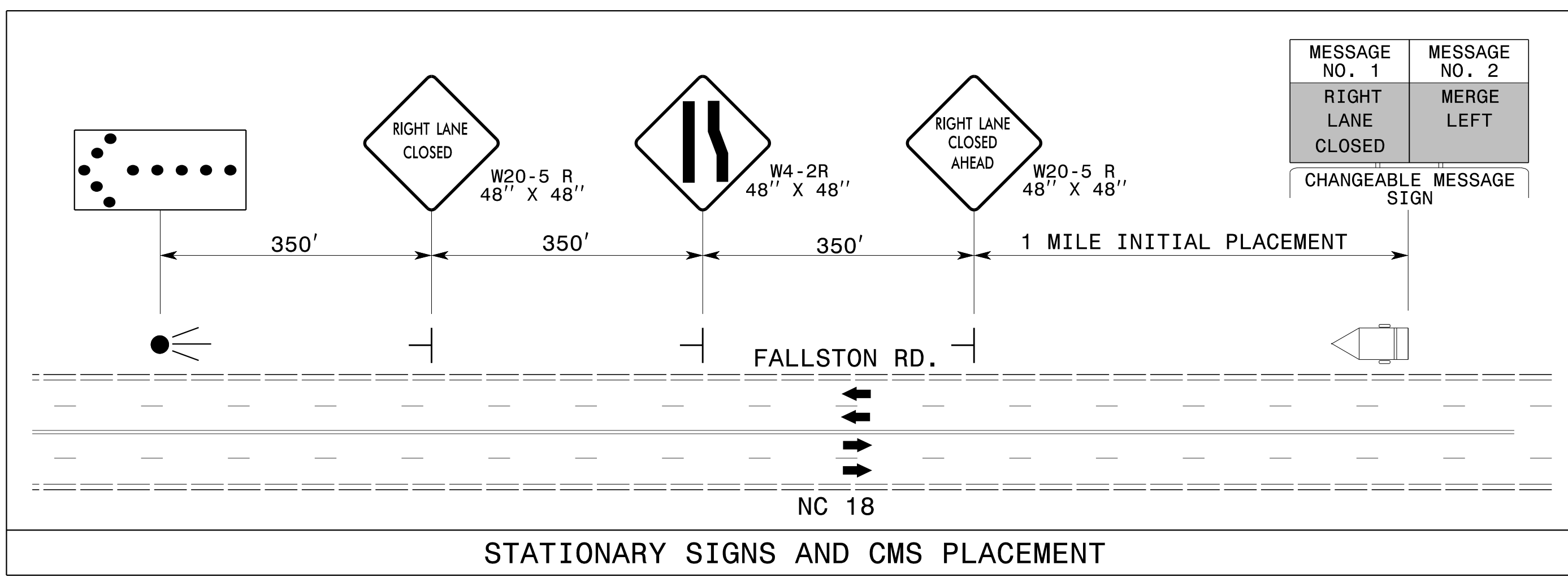
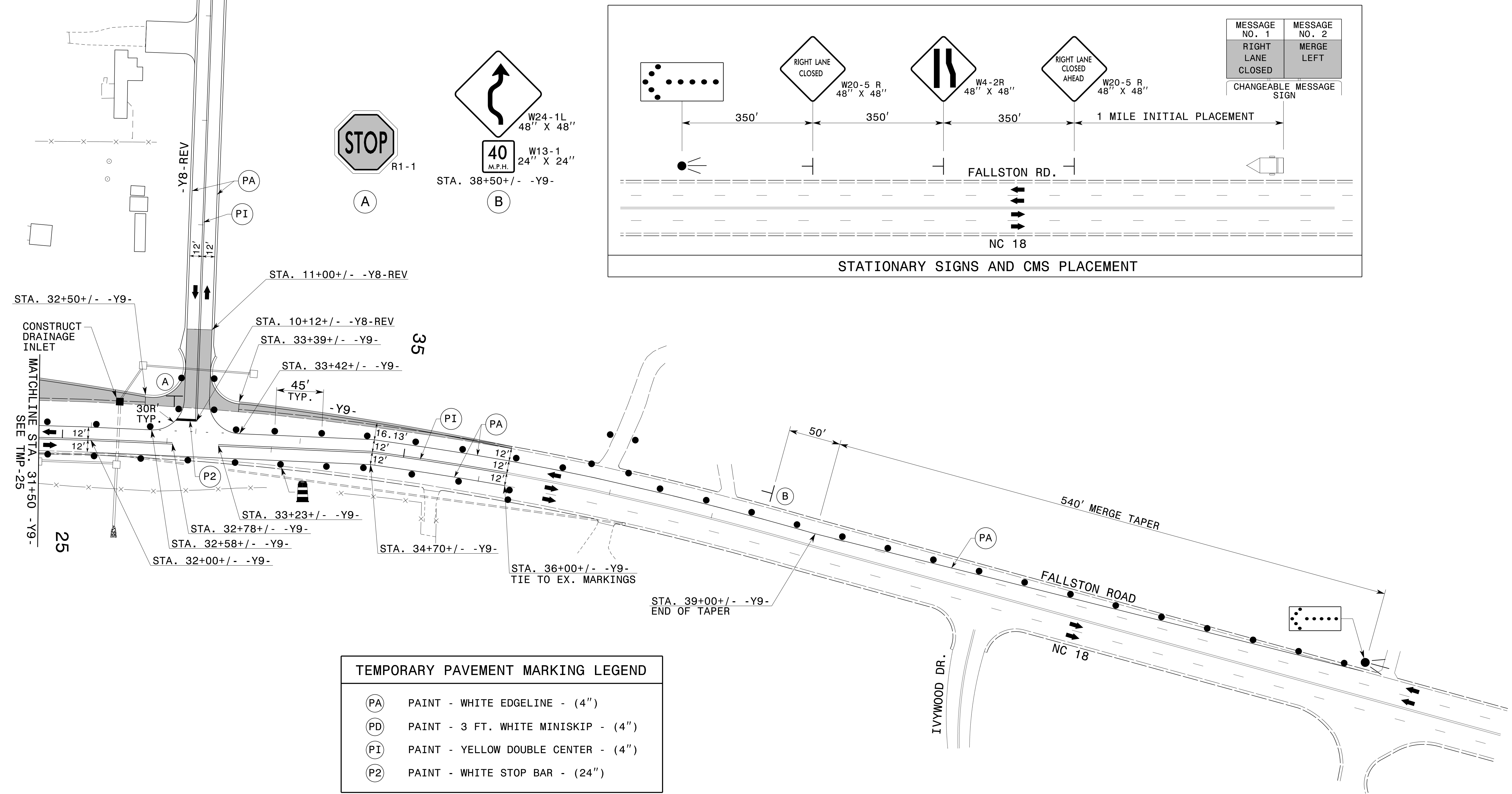
DATE: 2/16/2017

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UNLESS ALL SIGNATURES COMPLETED**



**SITE 5
 PHASE II
 -Y9- & -Y9DET-
 CROSS-SECTIONS**

SEE TMP-27
BREAKLINE STA. 15+00 -Y8-REV

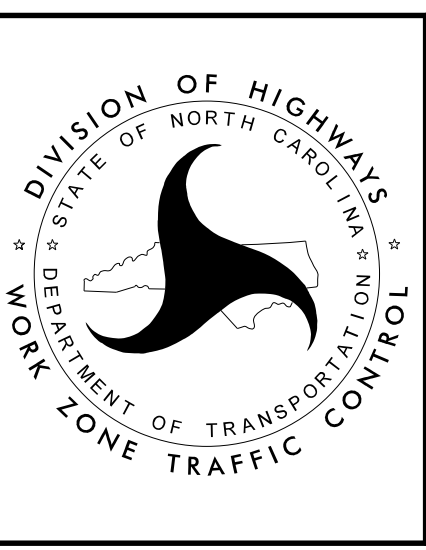


TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PD)	PAINT - 3 FT. WHITE MINISKIP - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(P2)	PAINT - WHITE STOP BAR - (24")

REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

APPROVED: *Don A. Parker*
DATE: 2/16/2017

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

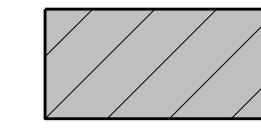


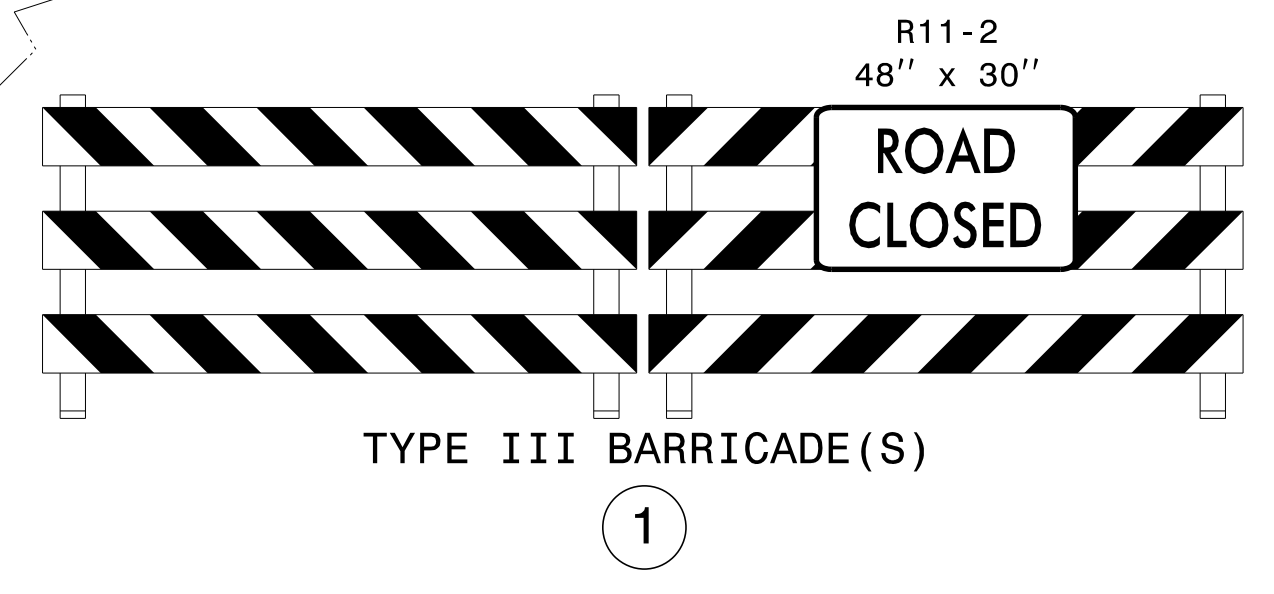
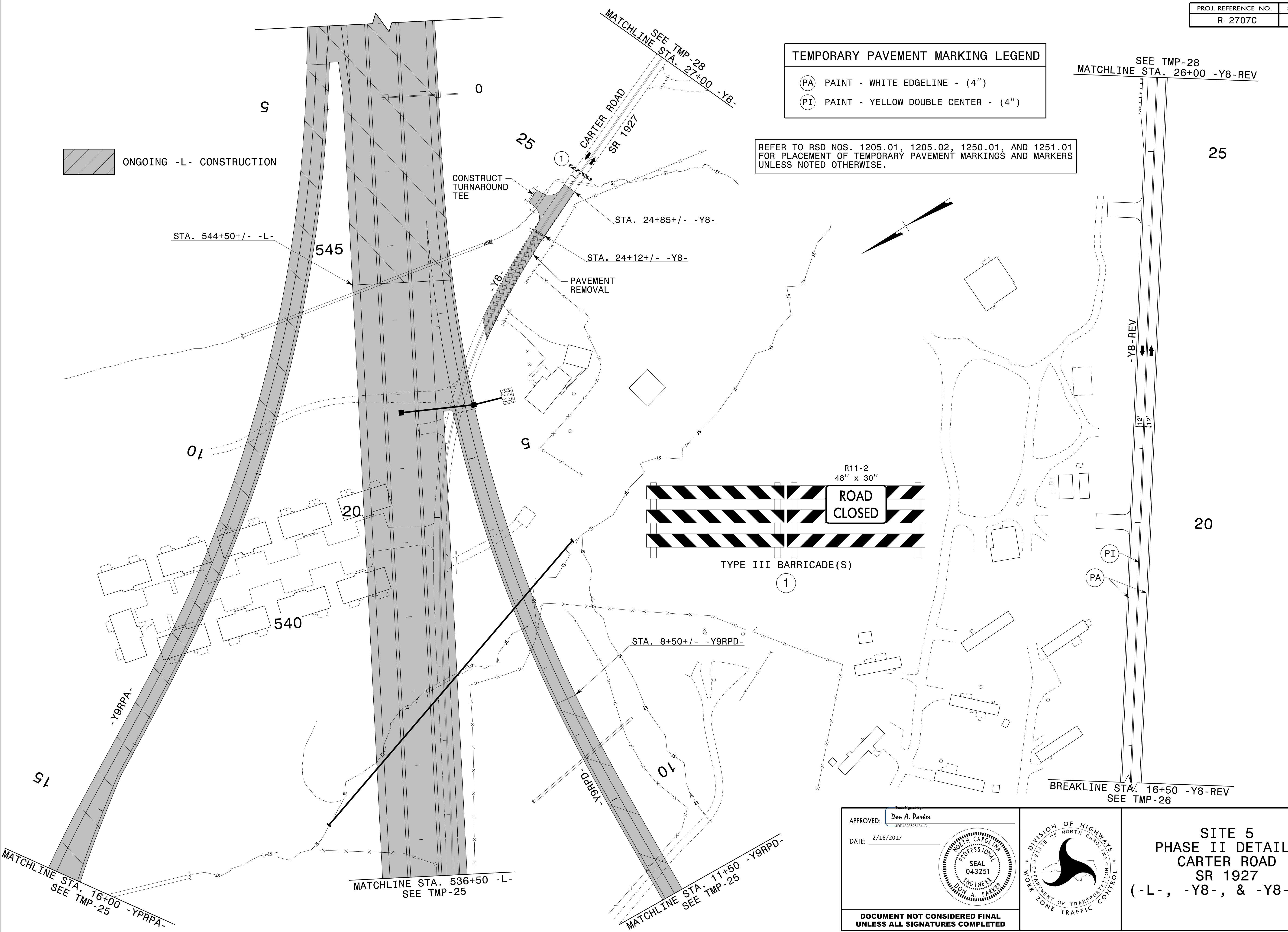
**SITE 5
PHASE II DETAILS
FALLSTON ROAD
NC 18
(-Y9- & -Y8-REV)**

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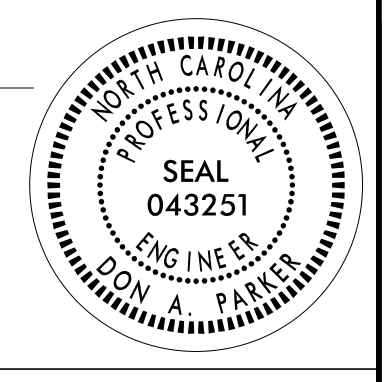
TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")

REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

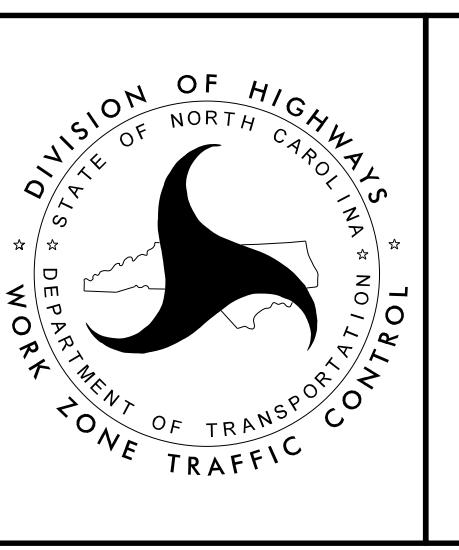
 ONGOING -L- CONSTRUCTION



APPROVED: *Don A. Parker*
DATE: 2/16/2017



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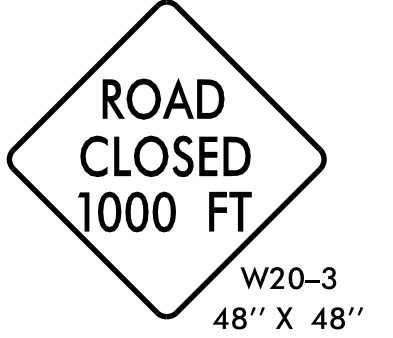


**SITE 5
PHASE II DETAILS
CARTER ROAD
SR 1927
(-L-, -Y8-, & -Y8-REV)**

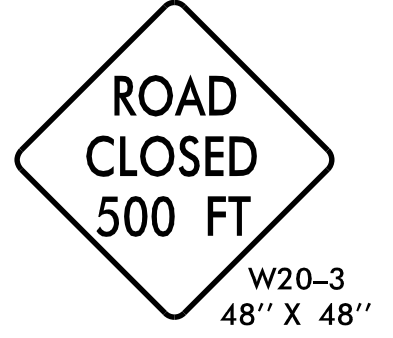
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 User:scodts

TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PD)	PAINT - 3 FT. WHITE MINISKIP - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(P2)	PAINT - WHITE STOP BAR - (24")

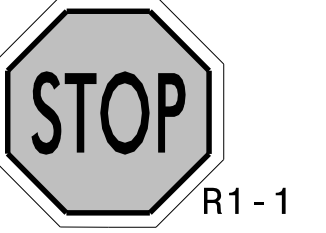
REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.



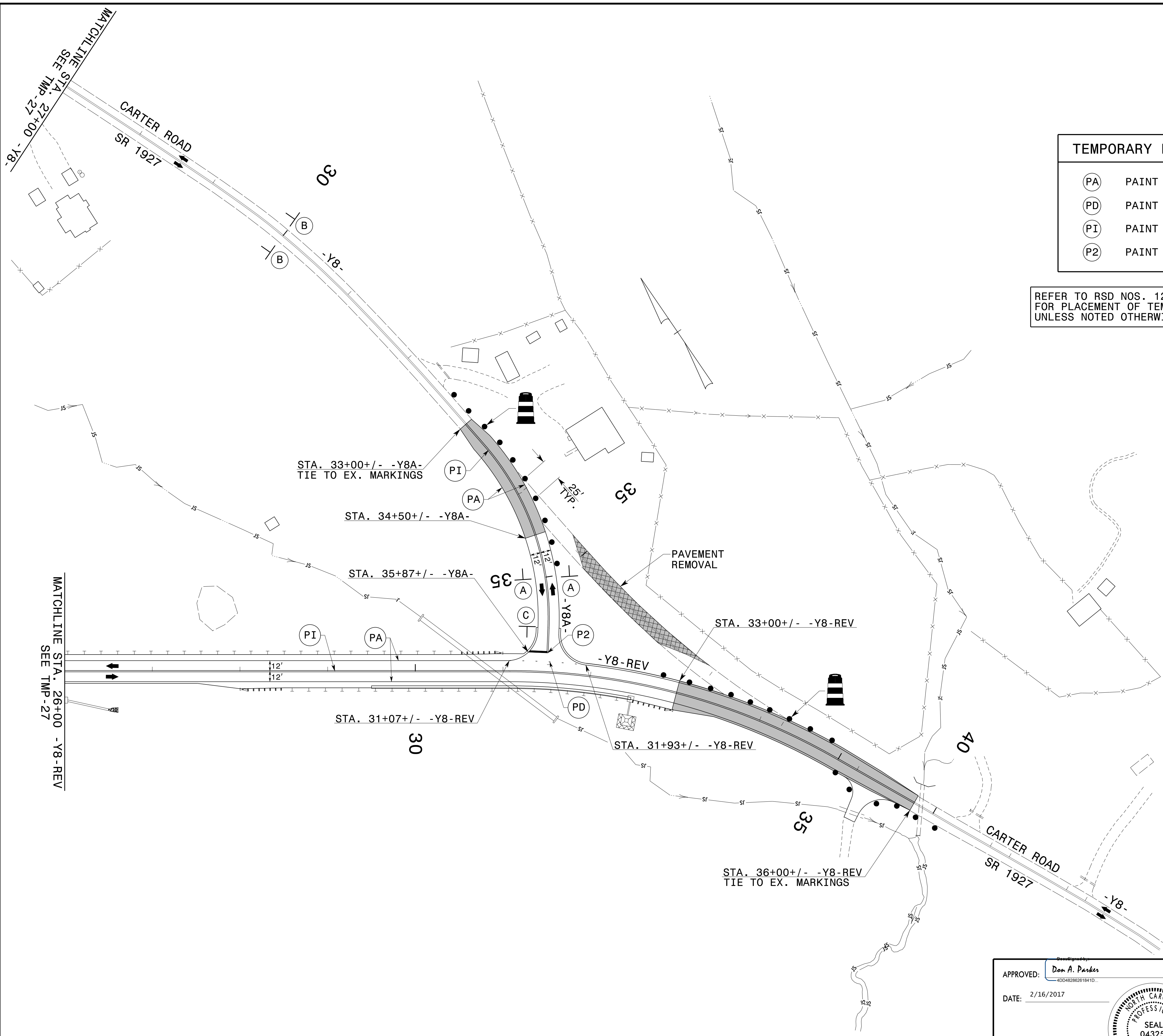
(A)



(B)



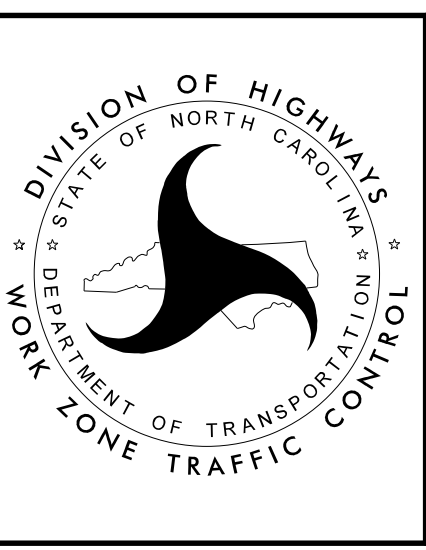
(C)



2/16/2017
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User:scodts

APPROVED: *Don A. Parker*
DATE: 2/16/2017

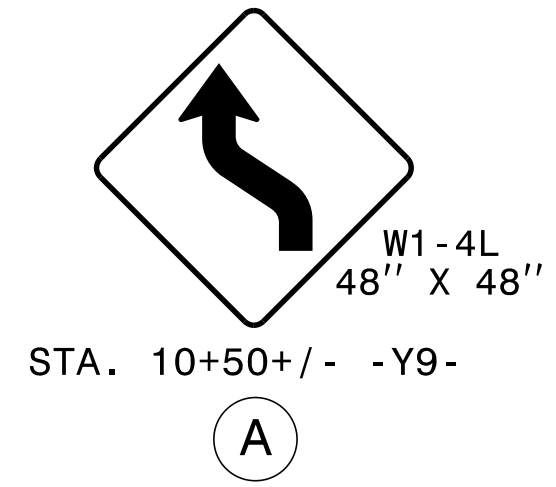
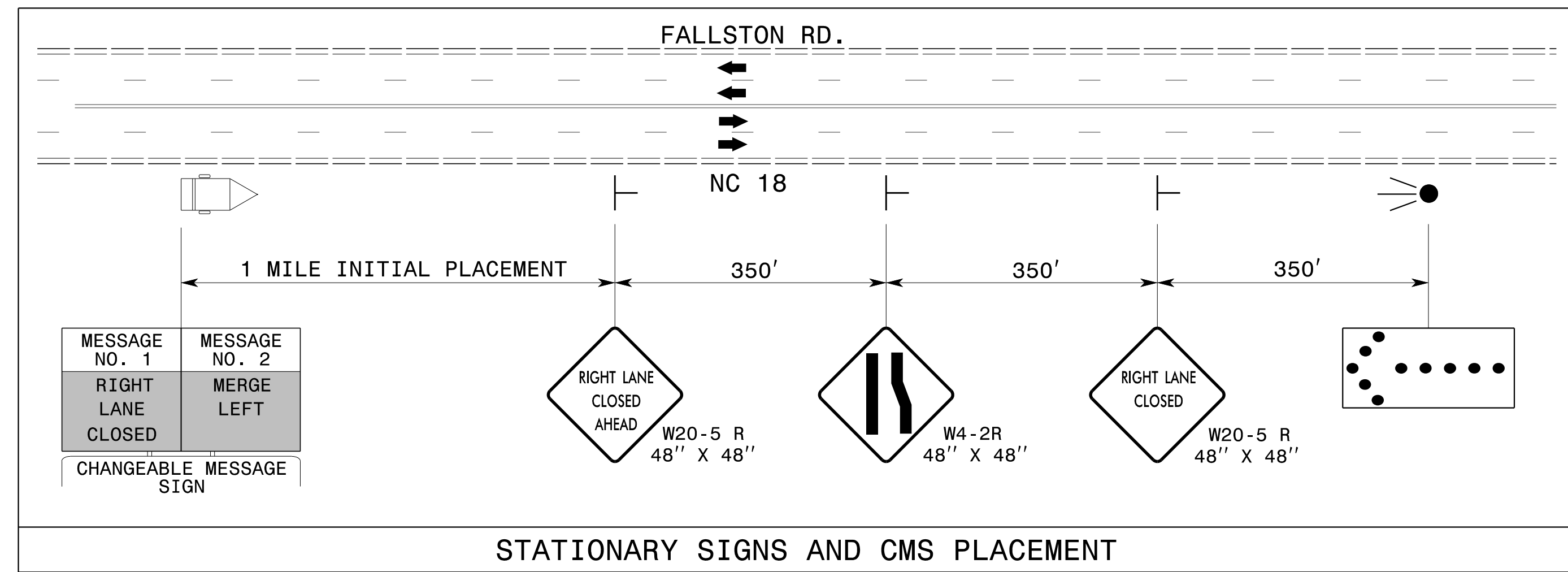
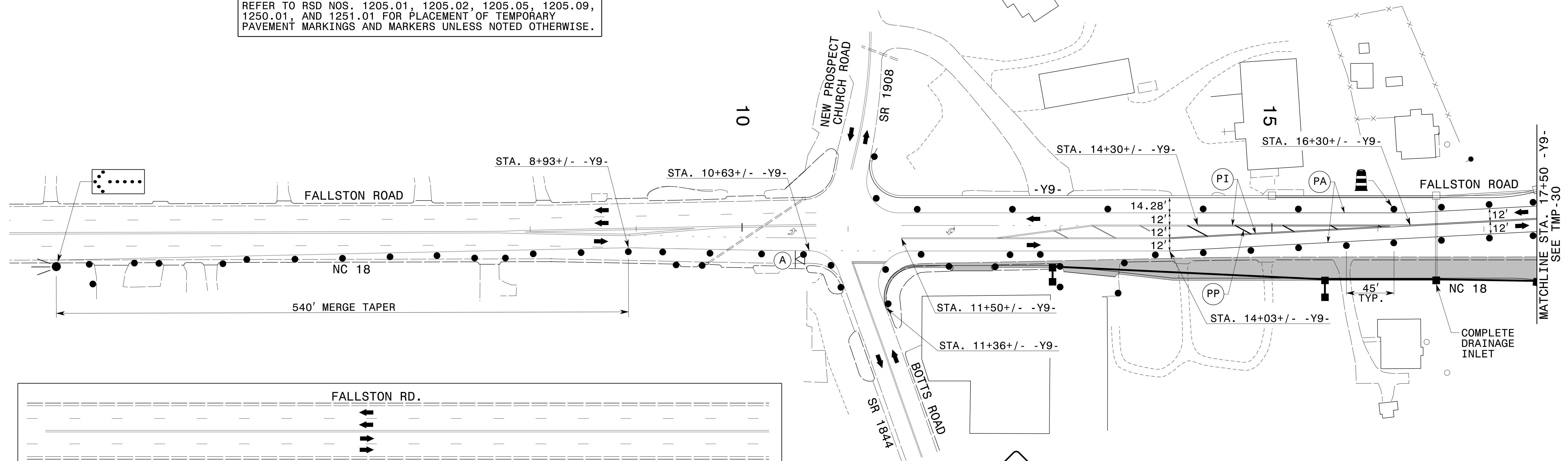
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**SITE 5
PHASE II DETAILS
CARTER ROAD
SR 1927
(-Y8-REV & -Y8A-)**

TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(PP)	PAINT - YELLOW DIAGONAL - (8")

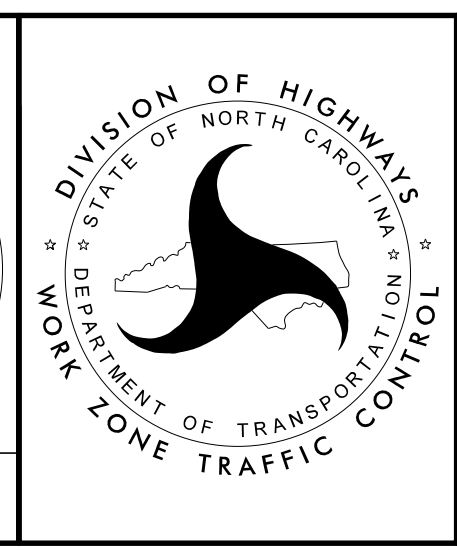
REFER TO RSD NOS. 1205.01, 1205.02, 1205.05, 1205.09, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.



APPROVED: *Don A. Parker*
 DATE: 2/16/2017

Professional Engineer Seal: DON A. PARKER, ENGINEER, SEAL 043251, NORTH CAROLINA PROFESSIONAL ENGINEERS.

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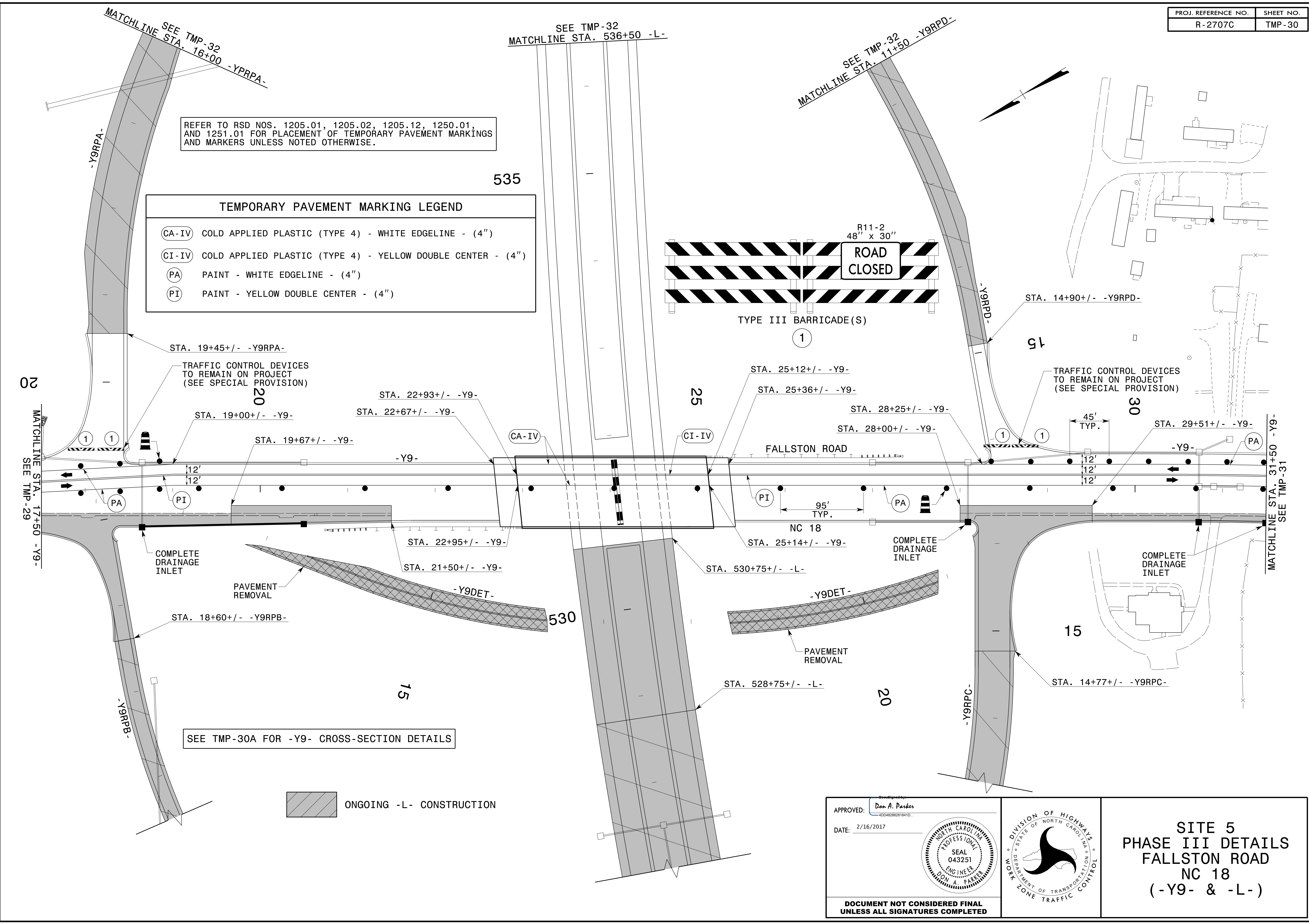
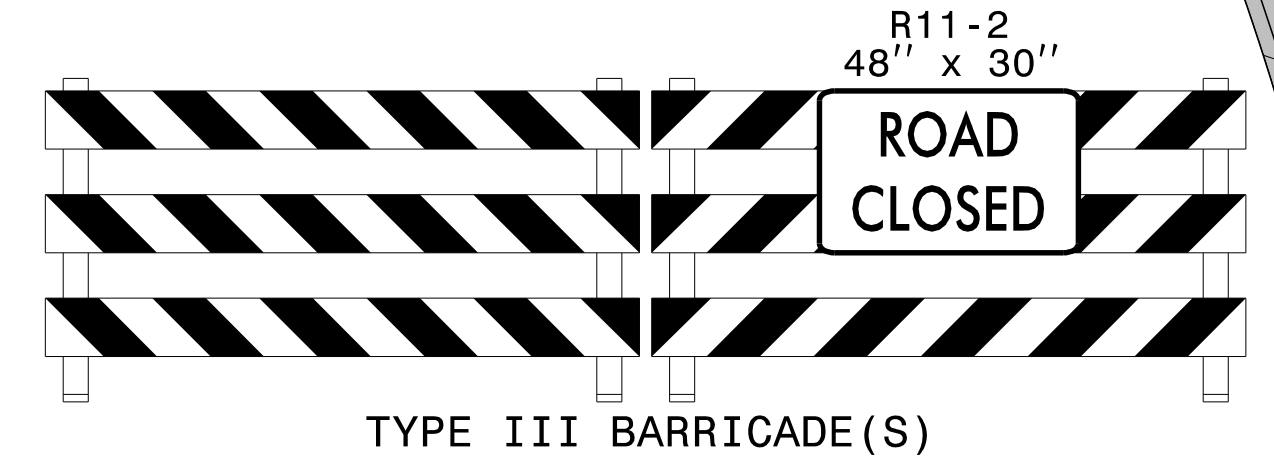
SITE 5
 PHASE III DETAILS
 FALLSTON ROAD
 NC 18
 (-Y9-)

2/16/2017
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 User:scodts

REFER TO RSD NOS. 1205.01, 1205.02, 1205.12, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

TEMPORARY PAVEMENT MARKING LEGEND

(CA-IV)	COLD APPLIED PLASTIC (TYPE 4) - WHITE EDGELINE - (4")
(CI-IV)	COLD APPLIED PLASTIC (TYPE 4) - YELLOW DOUBLE CENTER - (4")
(PA)	PAINT - WHITE EDGELINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")



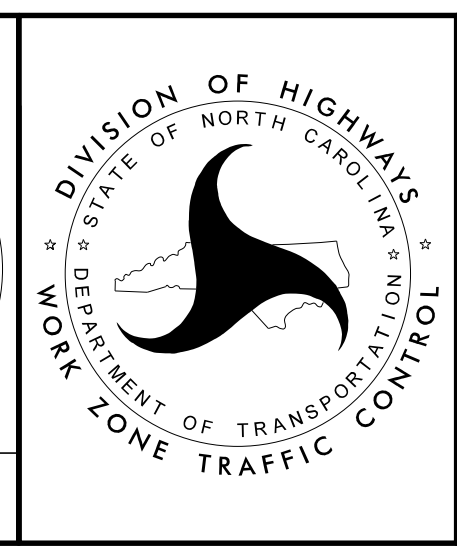
SEE TMP-30A FOR -Y9- CROSS-SECTION DETAILS

ONGOING -L- CONSTRUCTION

APPROVED: *Don A. Parker*
40042826181410...

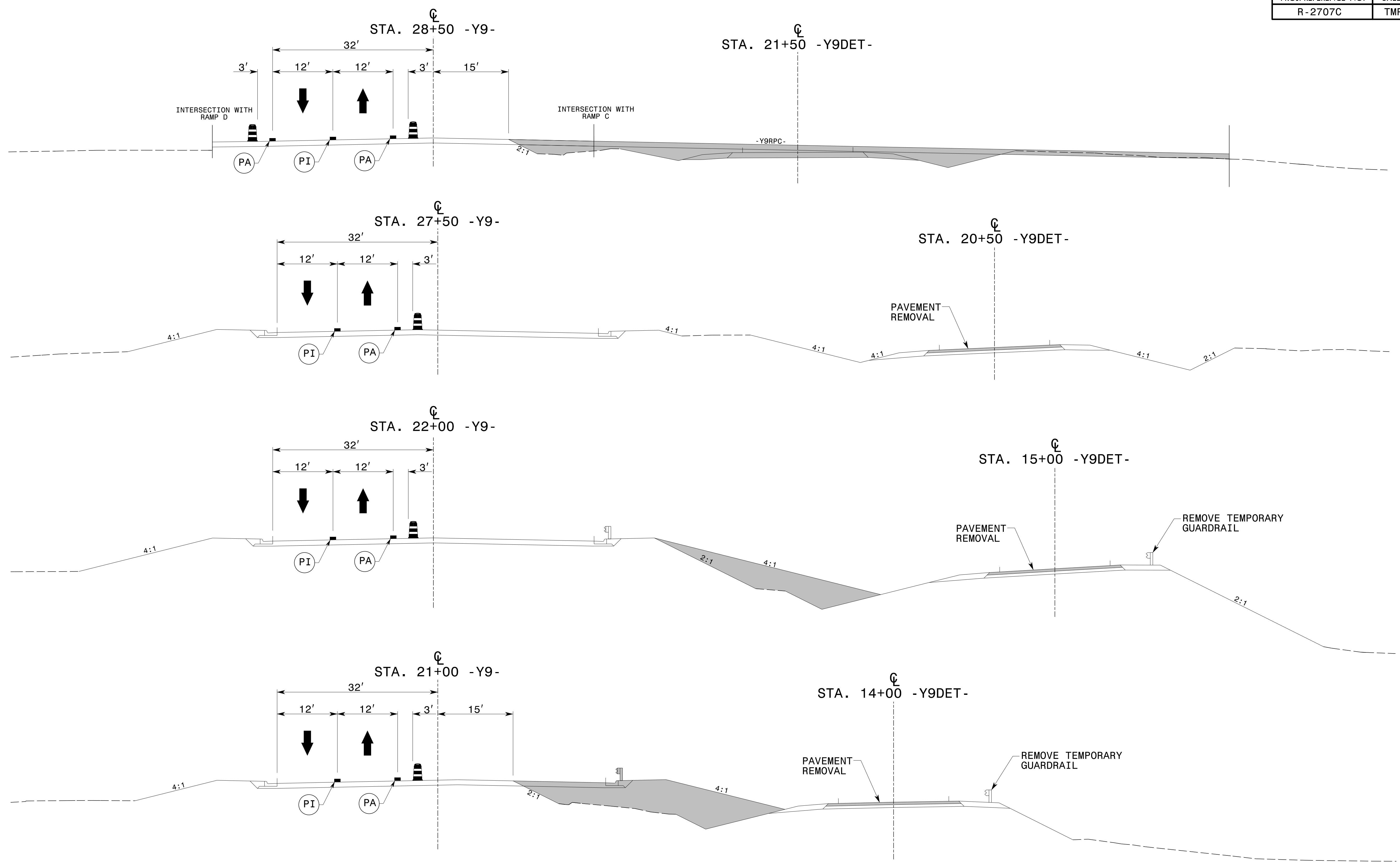
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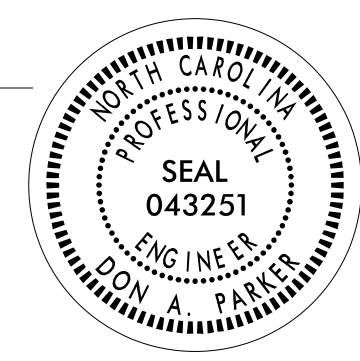


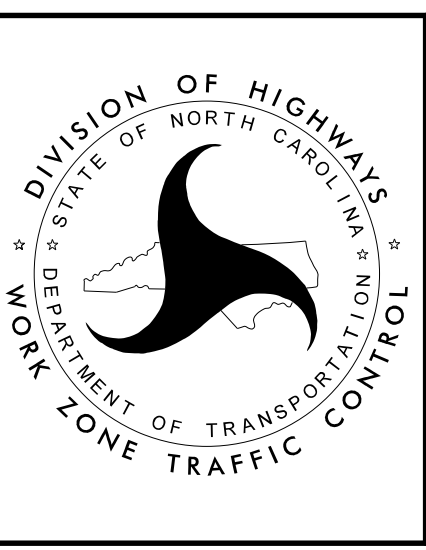
**SITE 5
PHASE III DETAILS
FALLSTON ROAD
NC 18
(-Y9- & -L-)**

2/16/2017
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User:scodts



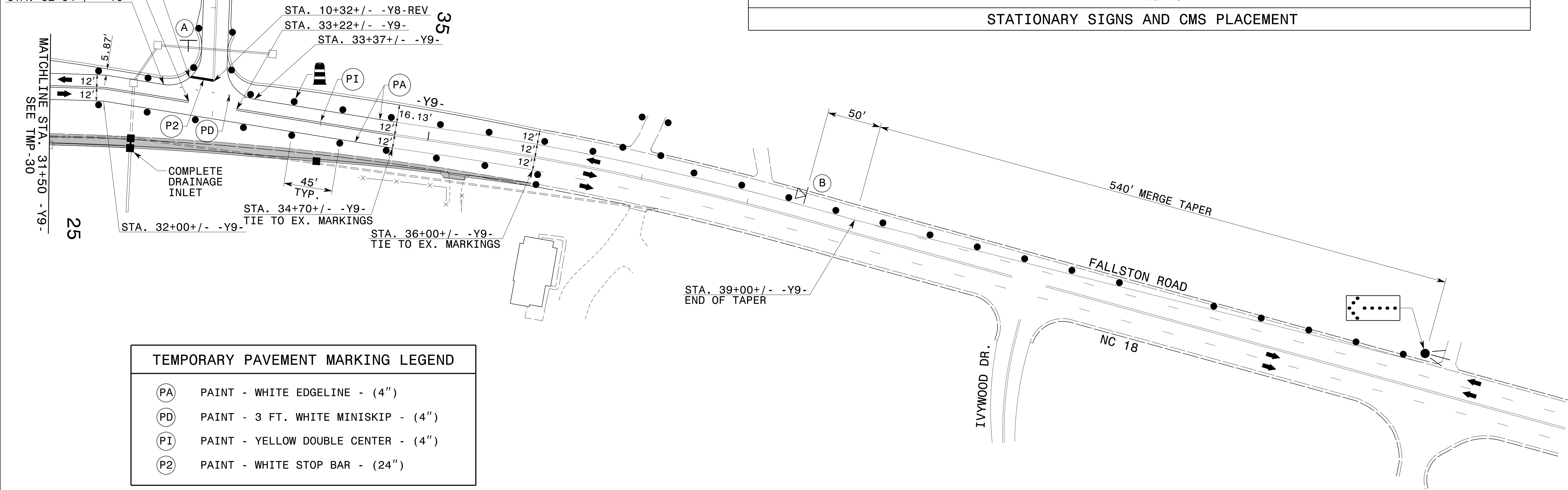
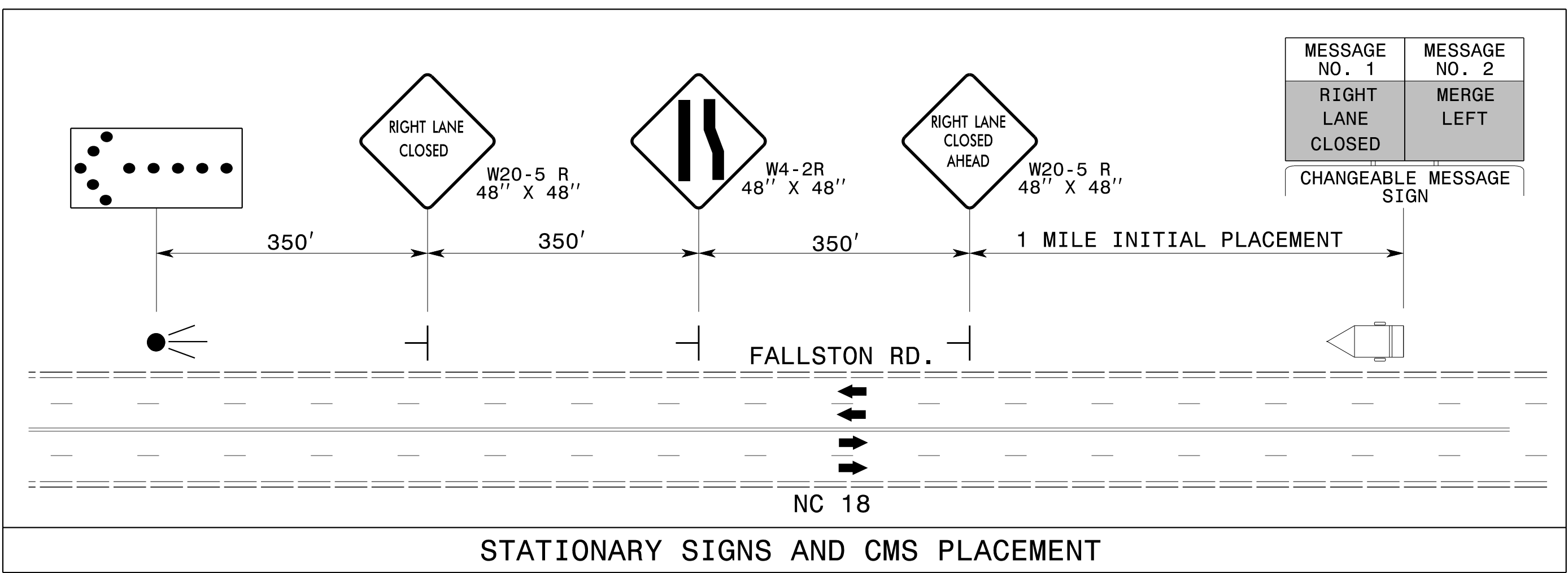
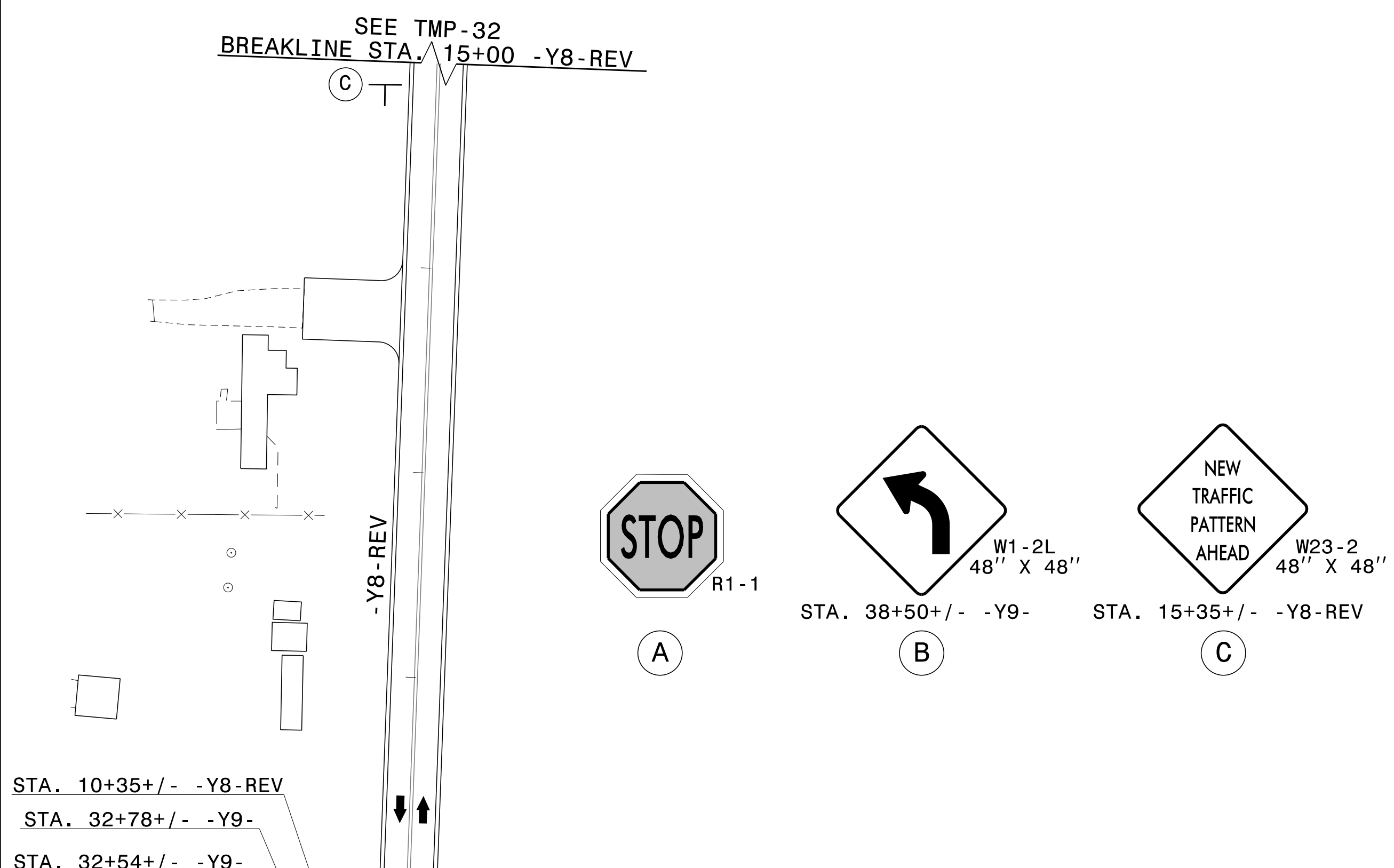
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 User:scodts

APPROVED: *Don A. Parker*
 DATE: 2/16/2017




SITE 5
PHASE III
-Y9-
CROSS-SECTIONS

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



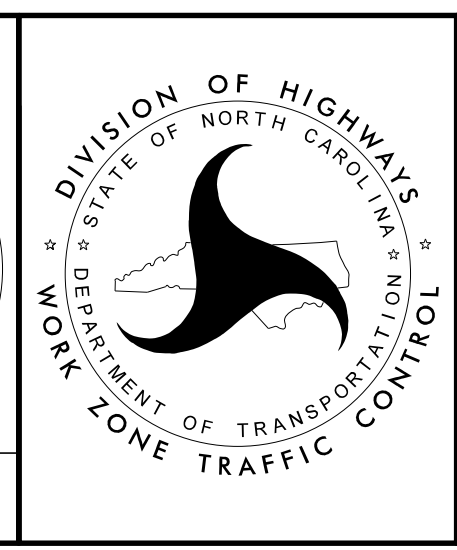
TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PD)	PAINT - 3 FT. WHITE MINISKIP - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(P2)	PAINT - WHITE STOP BAR - (24")

REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

APPROVED: *Don A. Parker*
400482802618410...

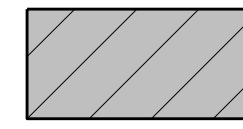
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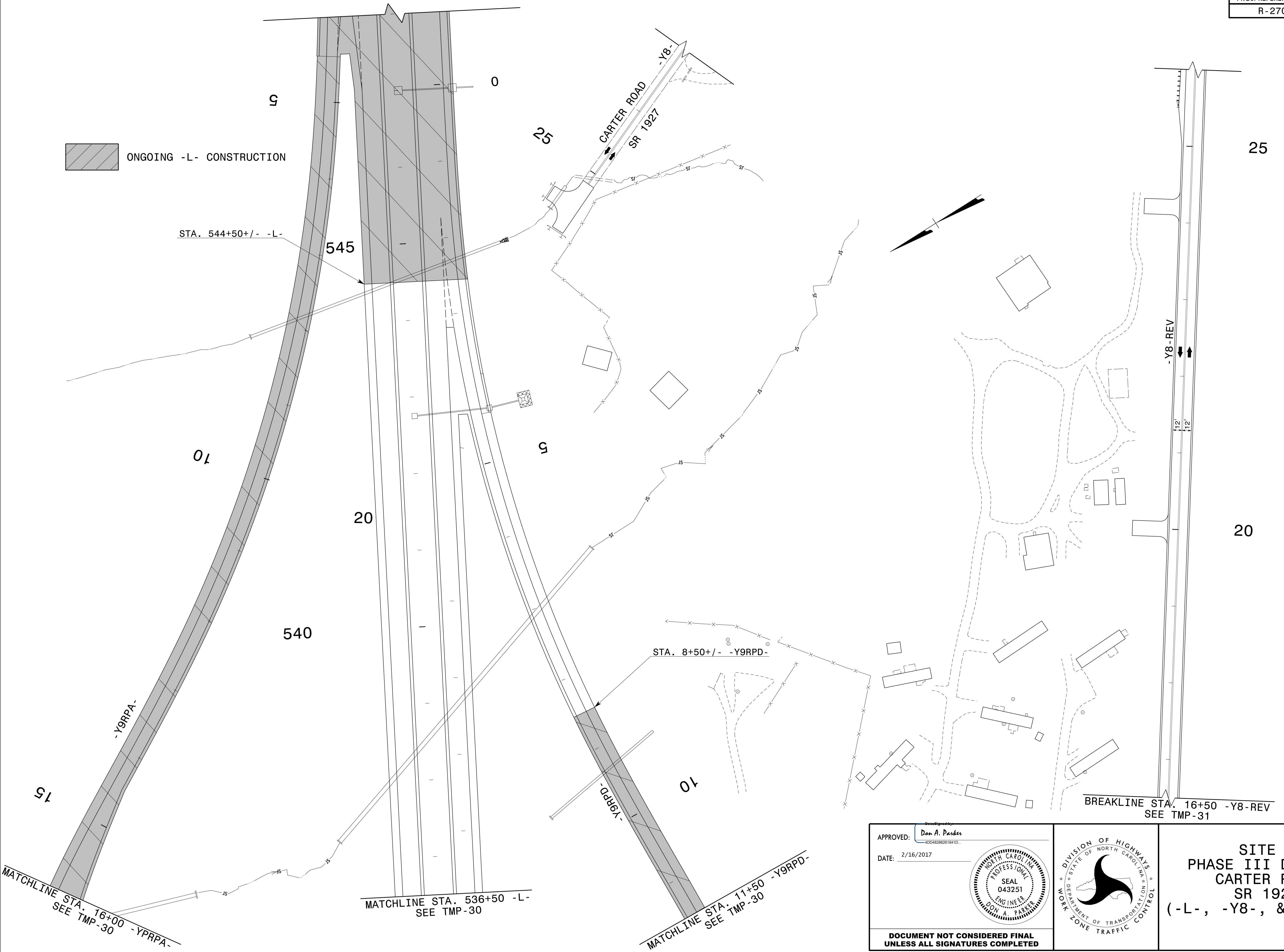
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**SITE 5
PHASE III DETAILS
FALLSTON ROAD
NC 18
(-Y9- & -Y8-REV)**

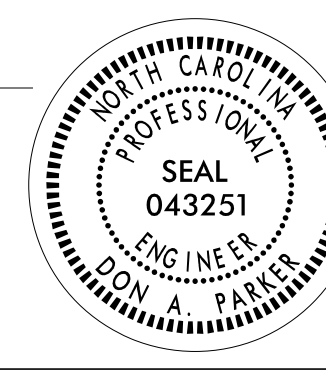
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 User:scodts

 ONGOING -L- CONSTRUCTION

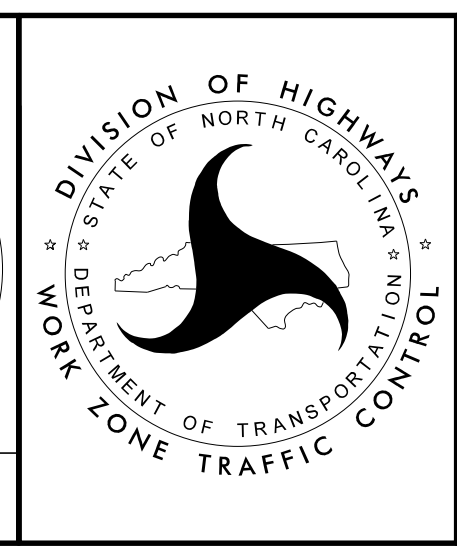


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 User:scodts

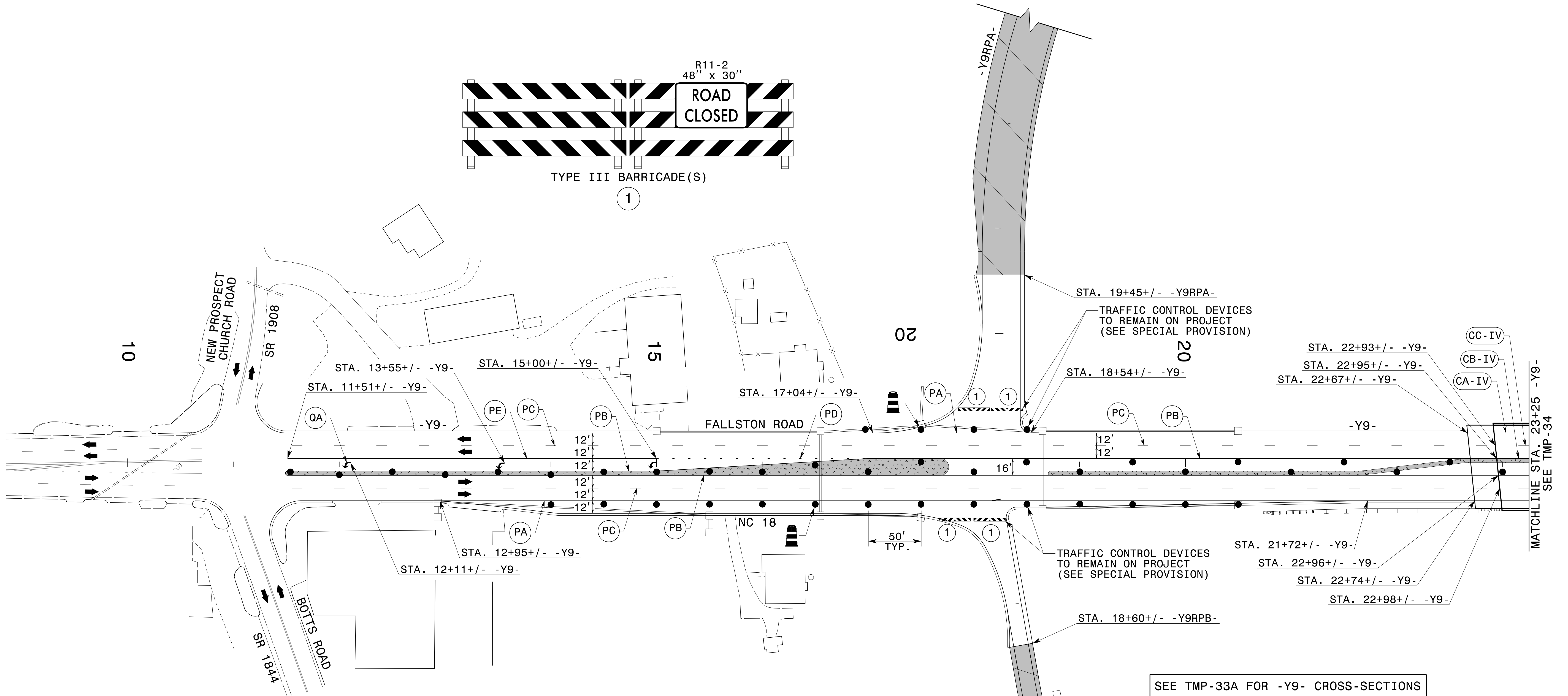
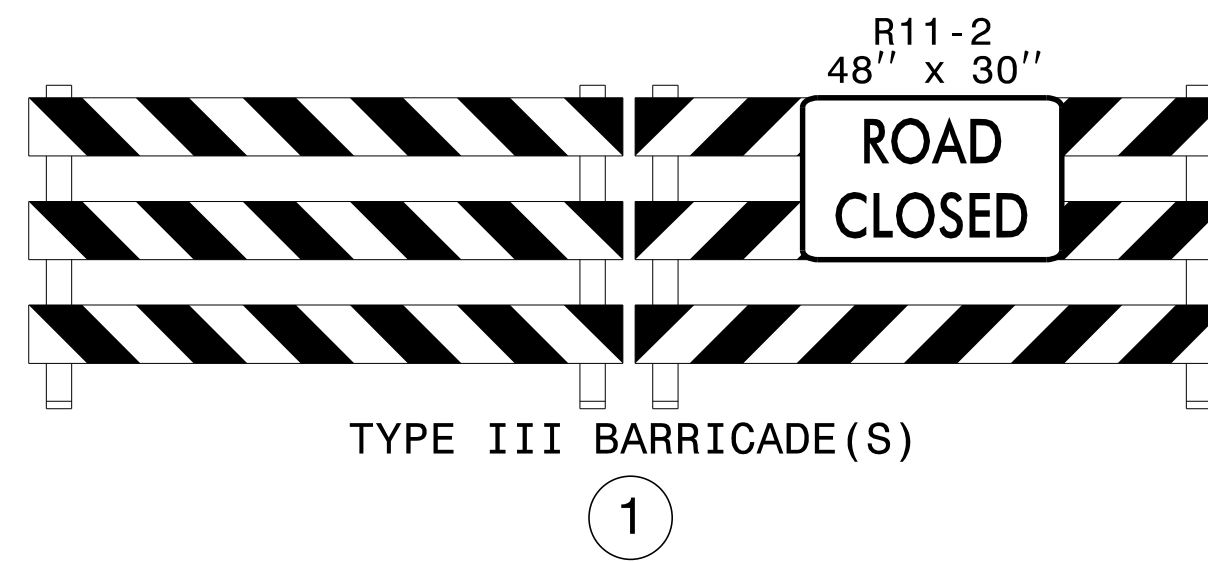
APPROVED: *Don A. Parker*
 DATE: 2/16/2017



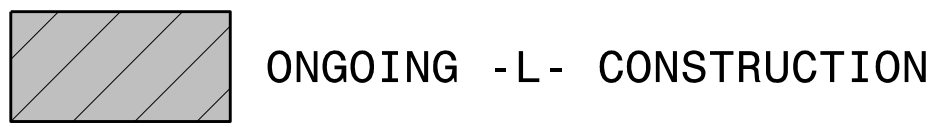
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**SITE 5
PHASE III DETAILS
CARTER ROAD
SR 1927
(-L-, -Y8-, & -Y8-REV)**



TEMPORARY PAVEMENT MARKING LEGEND	
CA-IV	COLD APPLIED PLASTIC (TYPE 4) - WHITE EDGELINE - (4")
CB-IV	COLD APPLIED PLASTIC (TYPE 4) - YELLOW EDGELINE - (4")
CC-IV	COLD APPLIED PLASTIC (TYPE 4) - 10 FT. WHITE SKIP - (4")
PA	PAINT - WHITE EDGELINE - (4")
PB	PAINT - YELLOW EDGELINE - (4")
PC	PAINT - 10 FT. WHITE SKIP - (4")
PD	PAINT - 3 FT. WHITE MINISKIP - (4")
PE	PAINT - WHITE SOLID LANE LINE - (4")
QA	PAINT - LEFT TURN ARROW - ↶

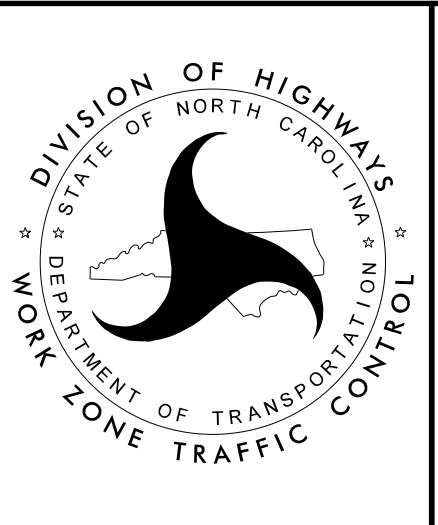


SEE TMP-33A FOR -Y9- CROSS-SECTIONS

REFER TO RSD NOS. 1205.01, 1205.02, 1205.05, 1205.08, 1205.12, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

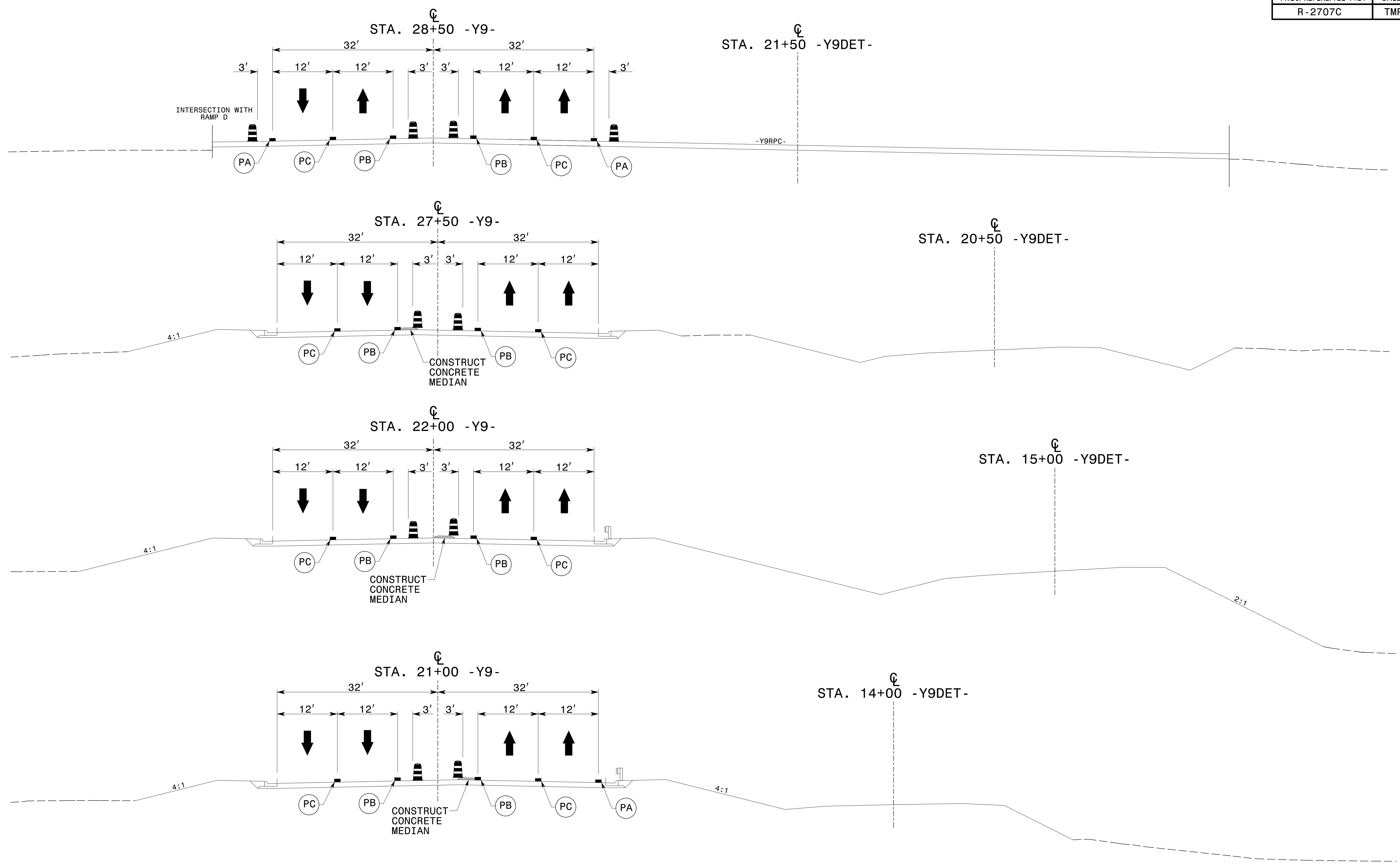
APPROVED: *Don A. Parker*
DATE: 2/16/2017

DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED



**SITE 5
PHASE IV DETAILS
FALLSTON ROAD
NC 18
(-Y9-)**

2/16/2017
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User:scodts

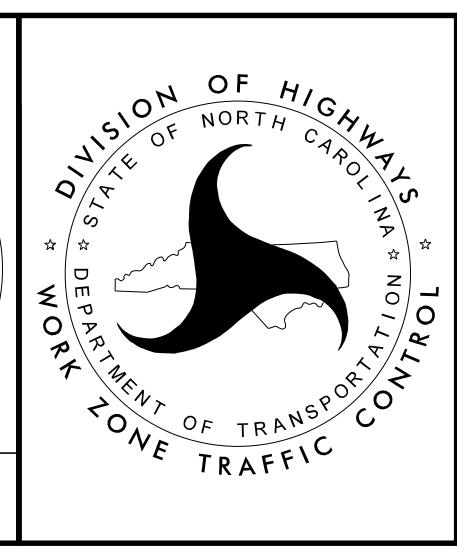


2/16/2017
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APPROVED: *Don A. Parker*
40482802618410...

DATE: 2/16/2017

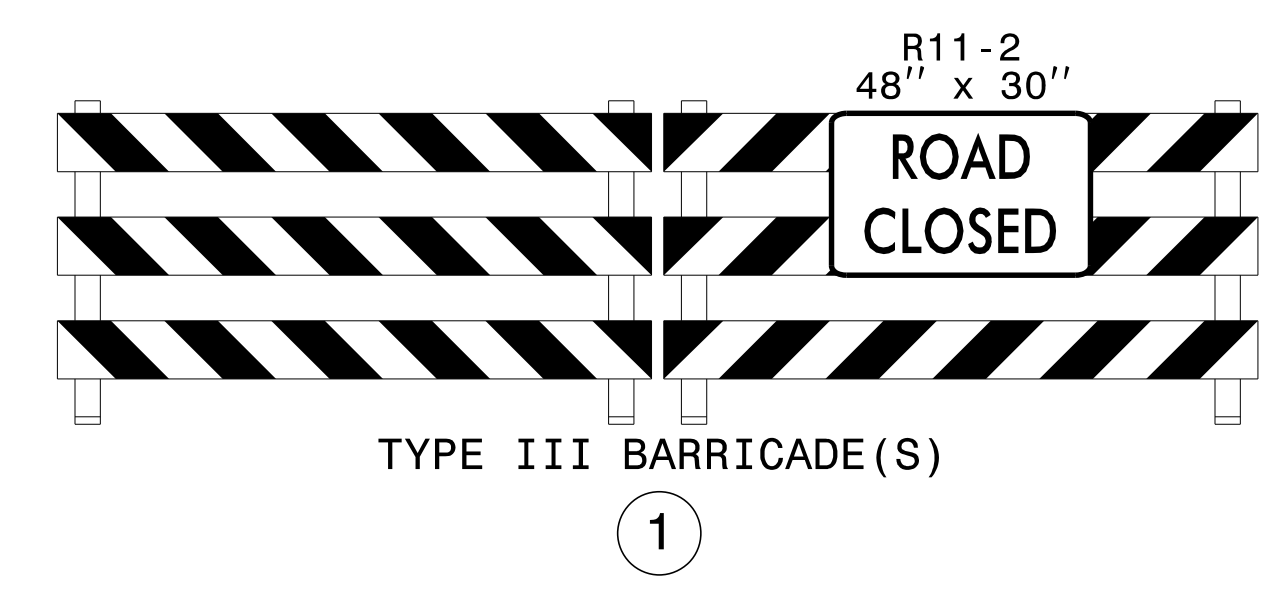
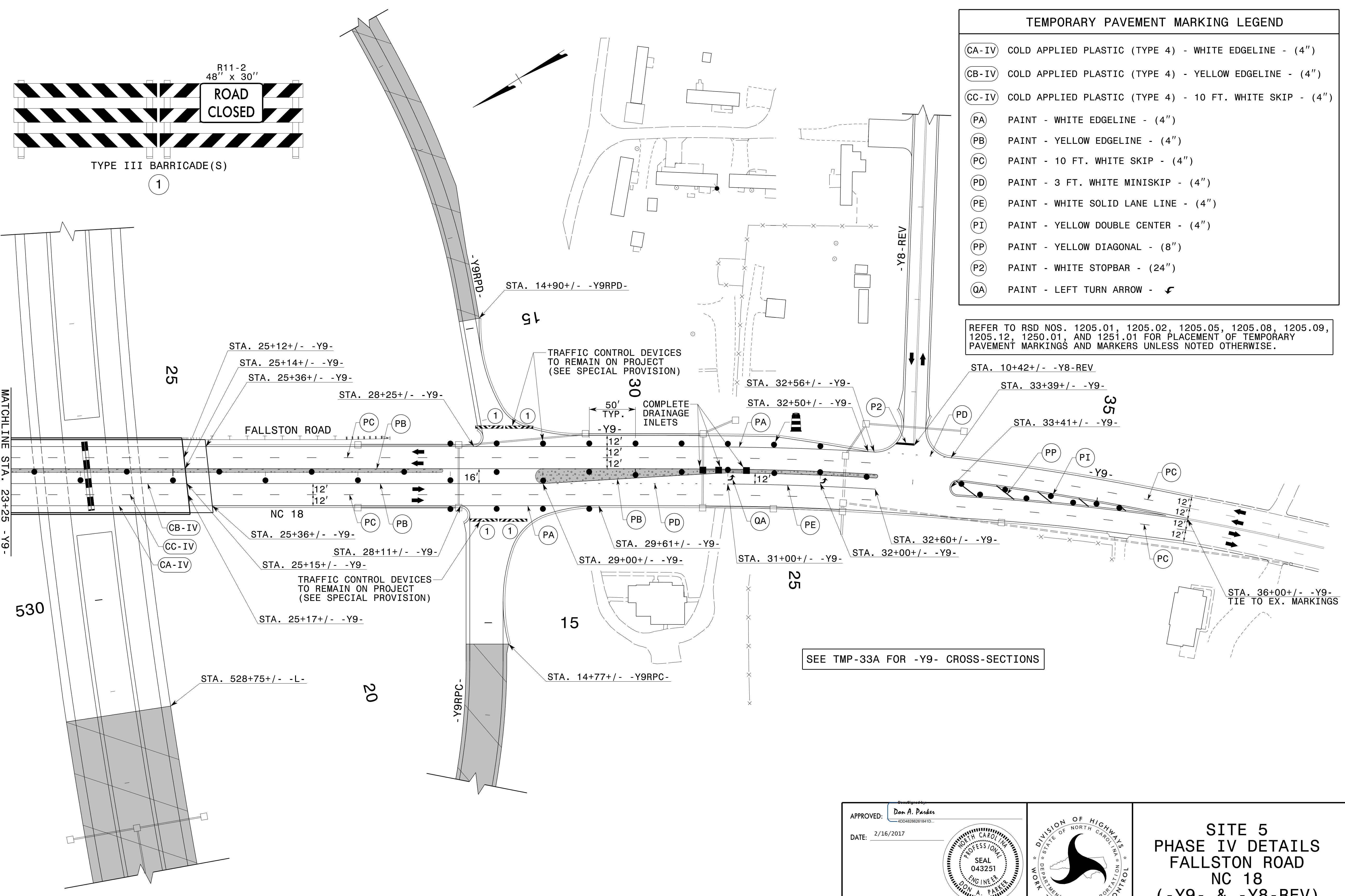
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



**SITE 5
 PHASE IV
 -Y9-
 CROSS-SECTIONS**

TEMPORARY PAVEMENT MARKING LEGEND	
(GA-IV)	COLD APPLIED PLASTIC (TYPE 4) - WHITE EDGELINE - (4")
(GB-IV)	COLD APPLIED PLASTIC (TYPE 4) - YELLOW EDGELINE - (4")
(CC-IV)	COLD APPLIED PLASTIC (TYPE 4) - 10 FT. WHITE SKIP - (4")
(PA)	PAINT - WHITE EDGELINE - (4")
(PB)	PAINT - YELLOW EDGELINE - (4")
(PC)	PAINT - 10 FT. WHITE SKIP - (4")
(PD)	PAINT - 3 FT. WHITE MINISKIP - (4")
(PE)	PAINT - WHITE SOLID LANE LINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(PP)	PAINT - YELLOW DIAGONAL - (8")
(P2)	PAINT - WHITE STOPBAR - (24")
(QA)	PAINT - LEFT TURN ARROW - ↙

REFER TO RSD NOS. 1205.01, 1205.02, 1205.05, 1205.08, 1205.09, 1205.12, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

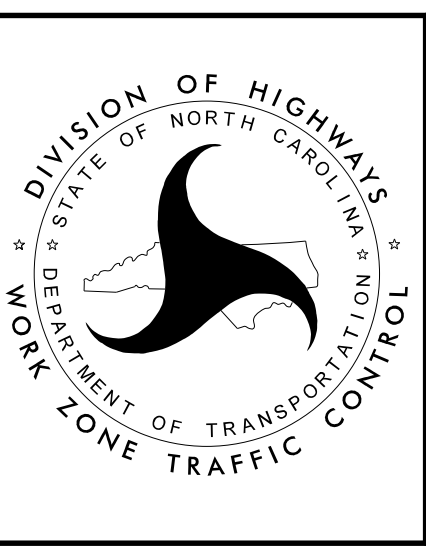


SEE TMP-33A FOR -Y9- CROSS-SECTIONS

2/16/2017
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User:scodts

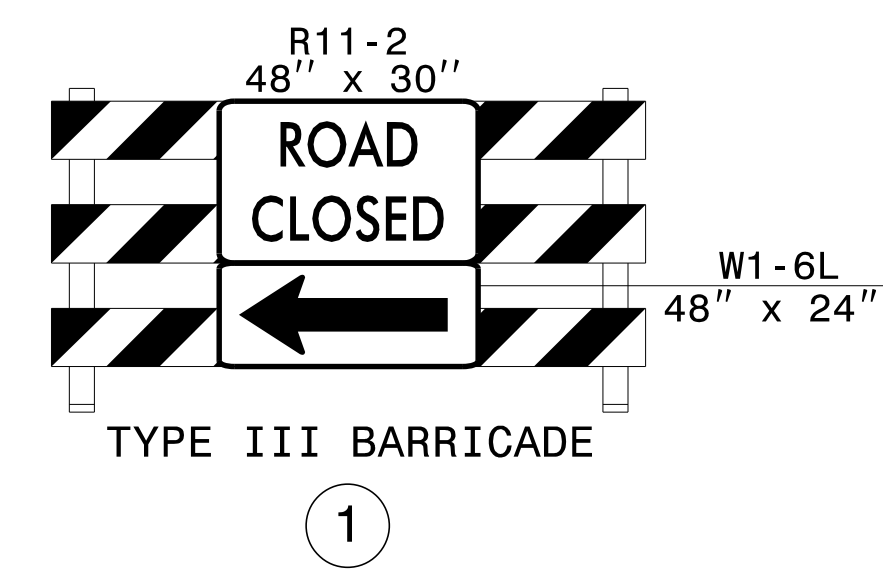
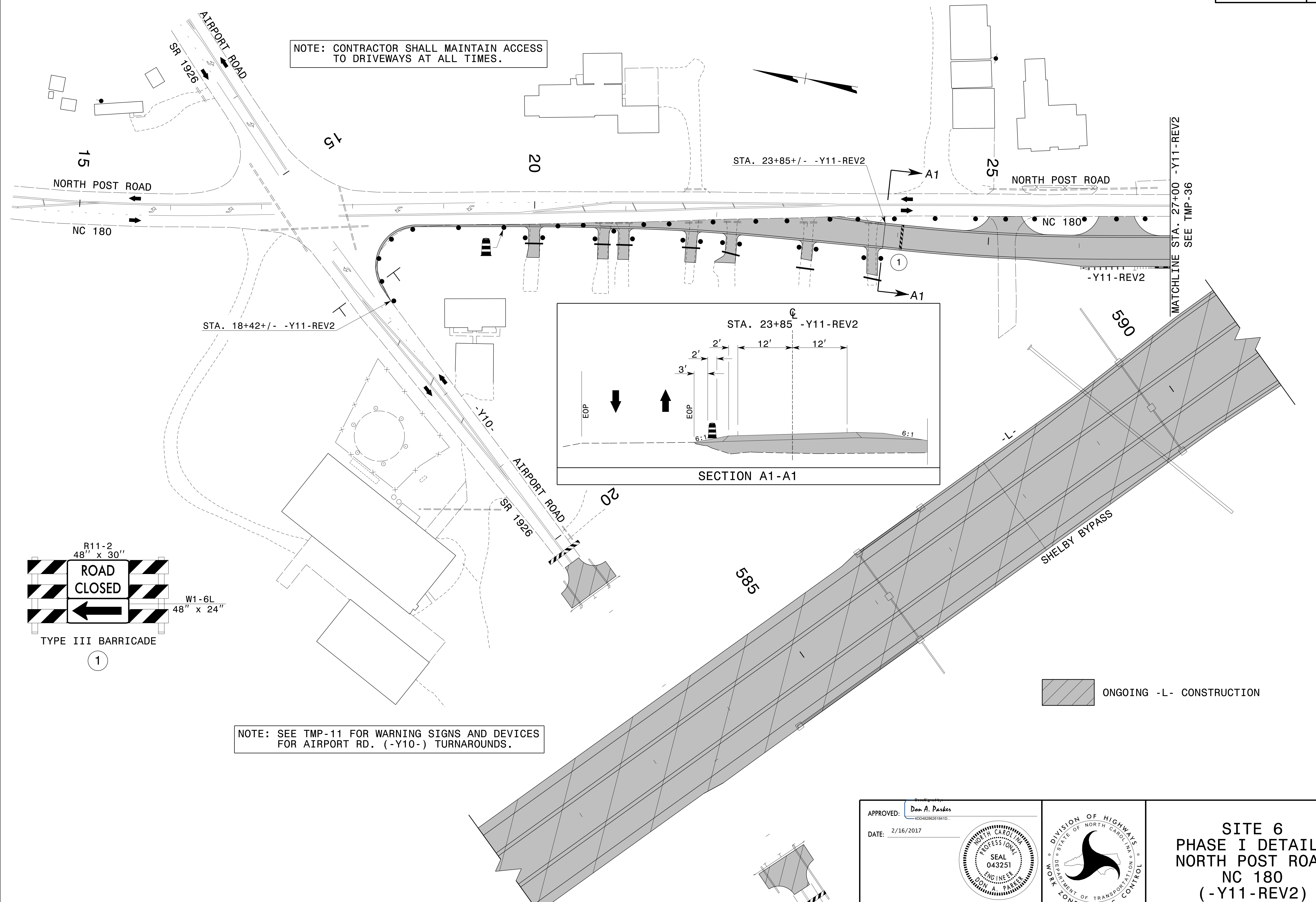
APPROVED: *Don A. Parker*
DATE: 2/16/2017

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



**SITE 5
PHASE IV DETAILS
FALLSTON ROAD
NC 18
(-Y9- & -Y8-REV)**

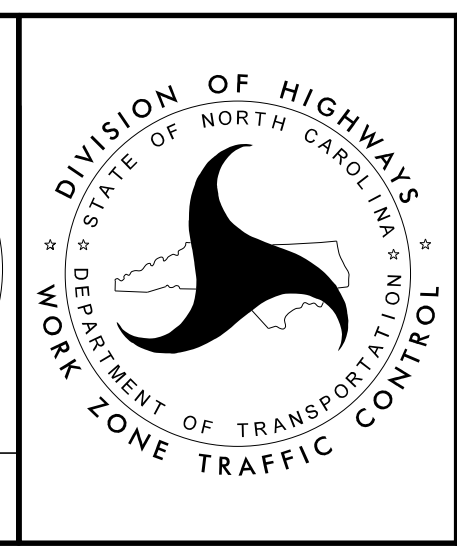
NOTE: CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.



NOTE: SEE TMP-11 FOR WARNING SIGNS AND DEVICES FOR AIRPORT RD. (-Y10-) TURNAROUNDS.

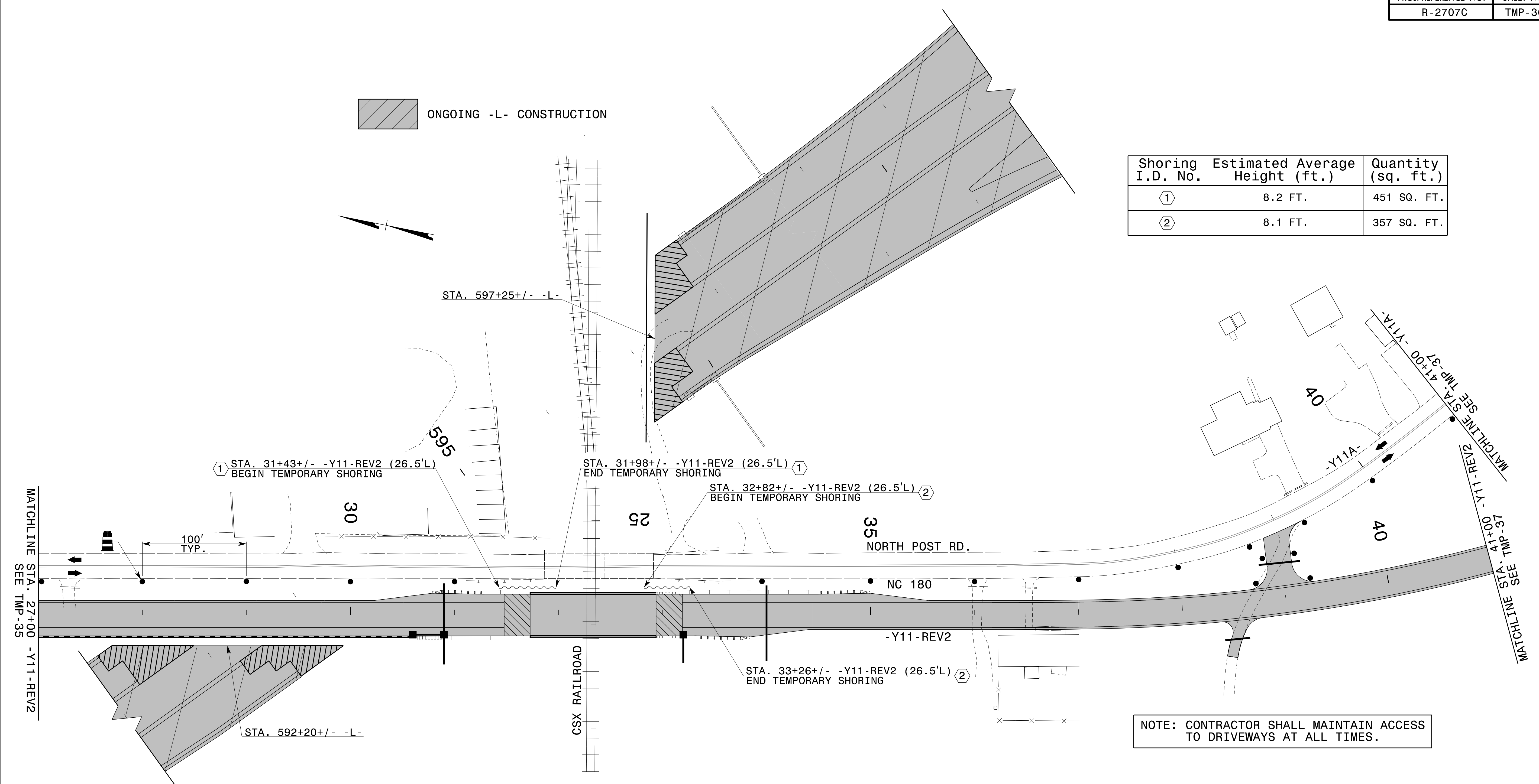
APPROVED: *Don A. Parker*
 DATE: 2/16/2017

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



**SITE 6
PHASE I DETAILS
NORTH POST ROAD
NC 180
(-Y11-REV2)**

2/16/2017
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 User:scodts



SEE TMP-36A FOR -Y11-REV2 CROSS-SECTIONS

NOTE: CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.

2/16/2017
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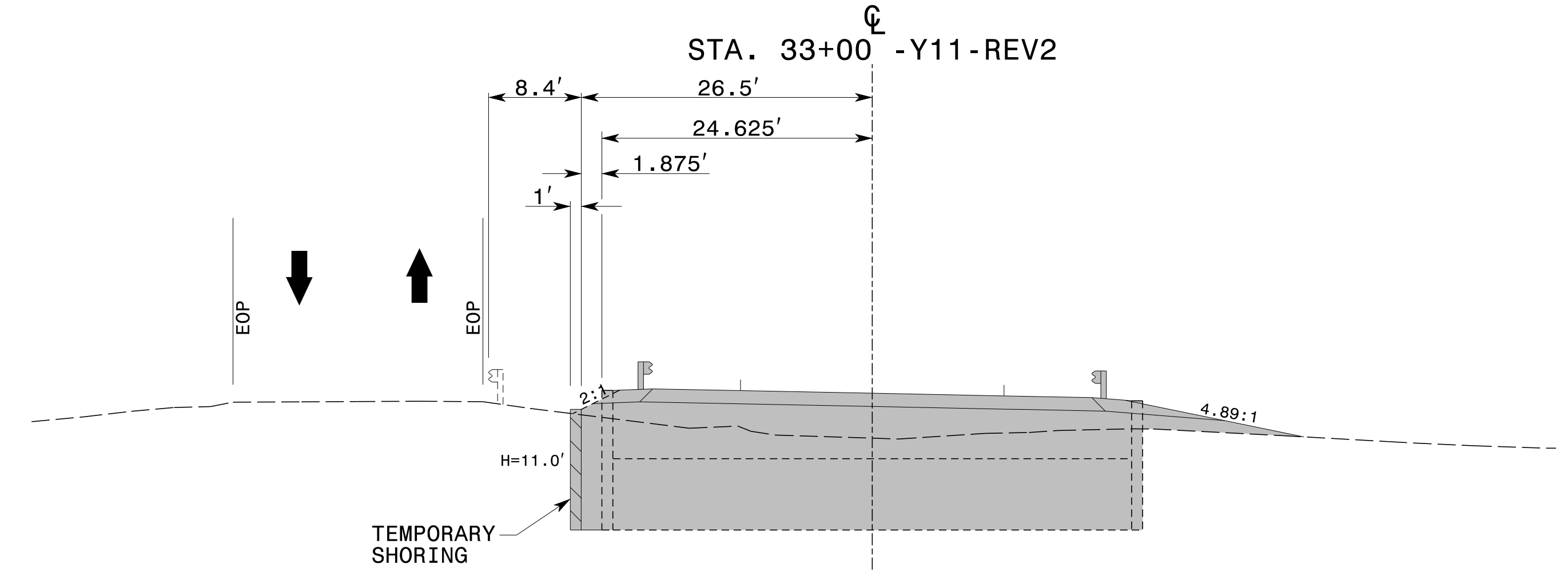
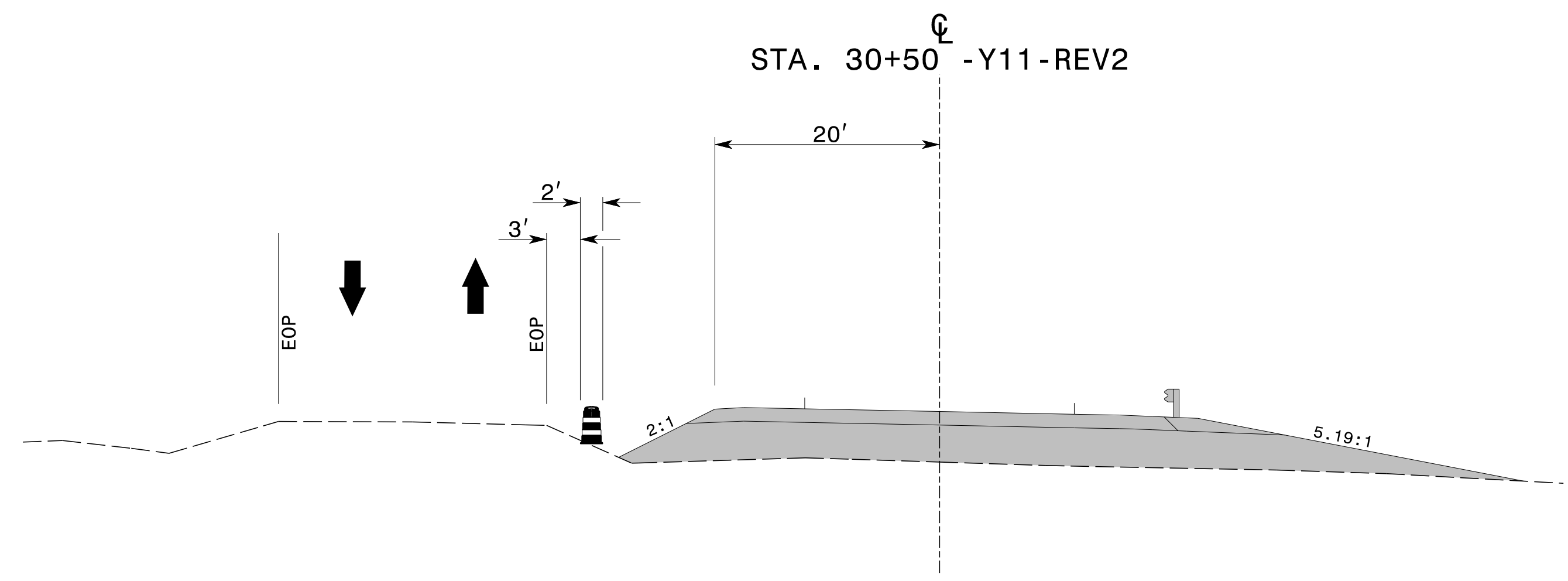
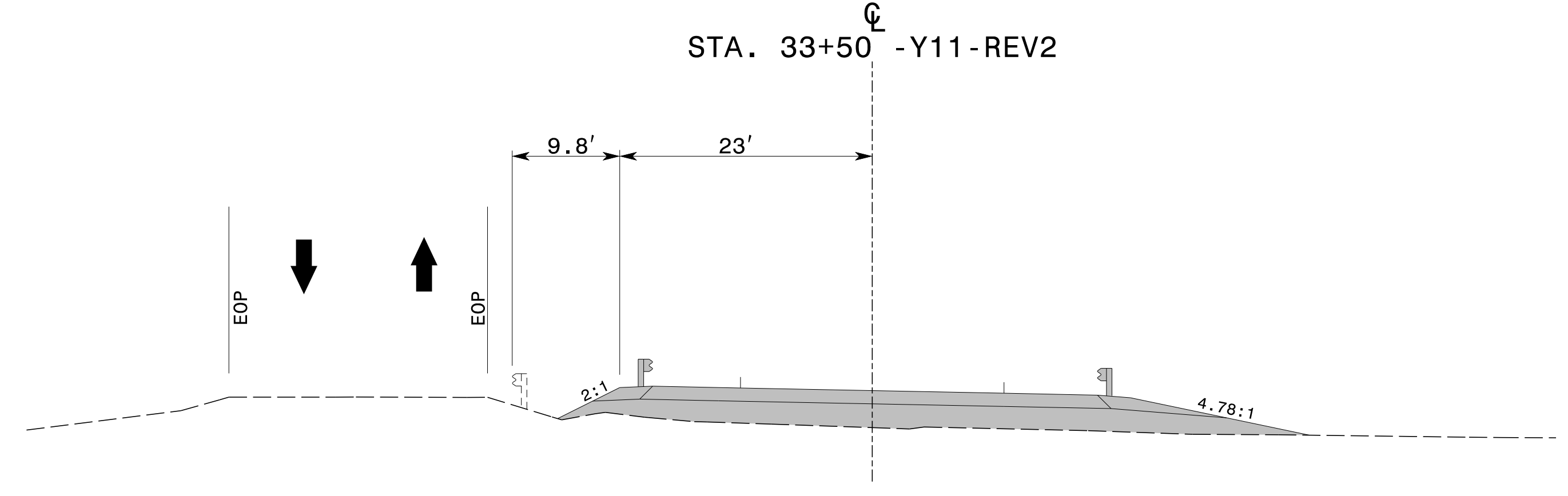
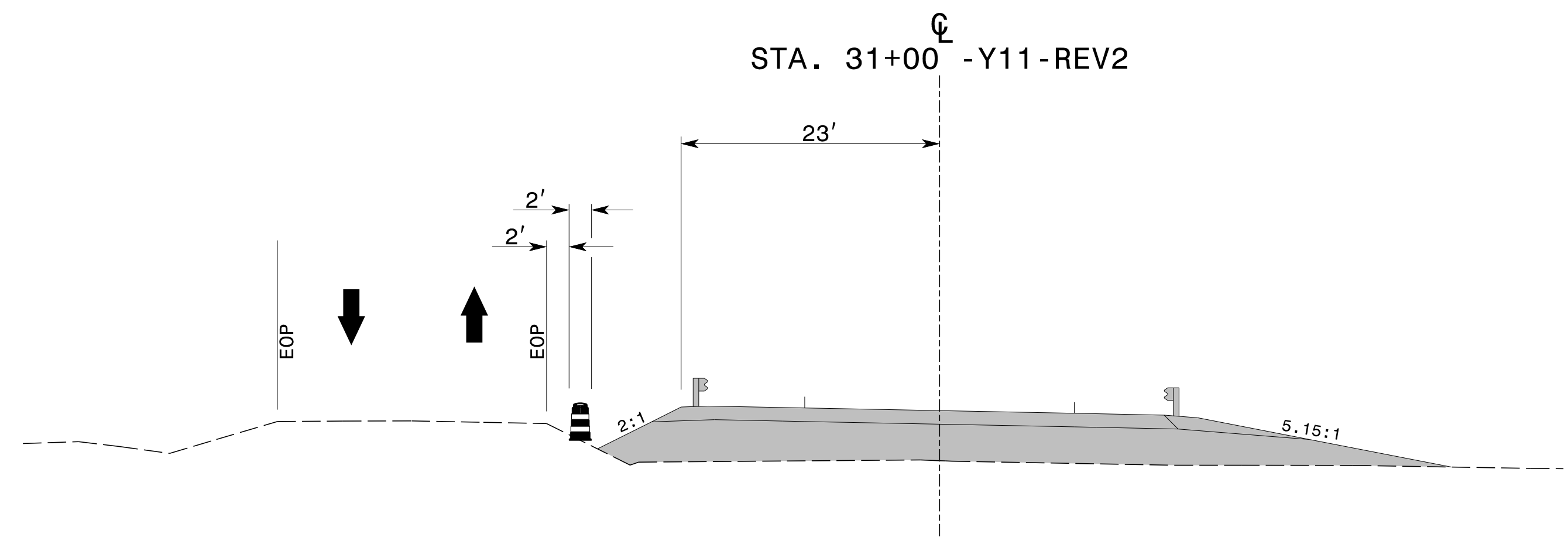
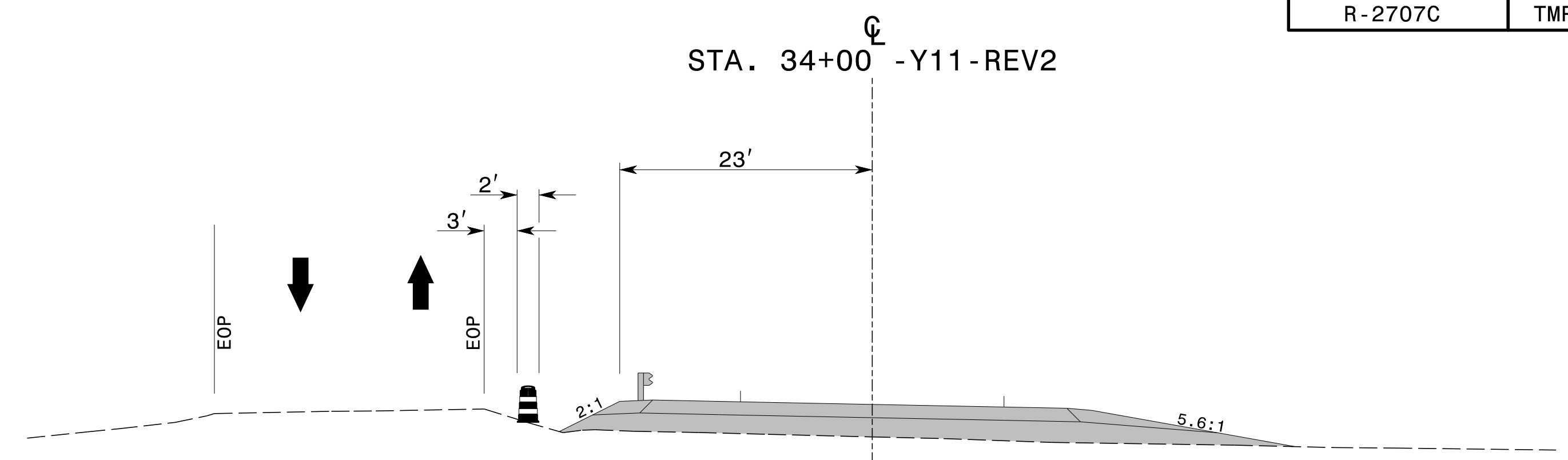
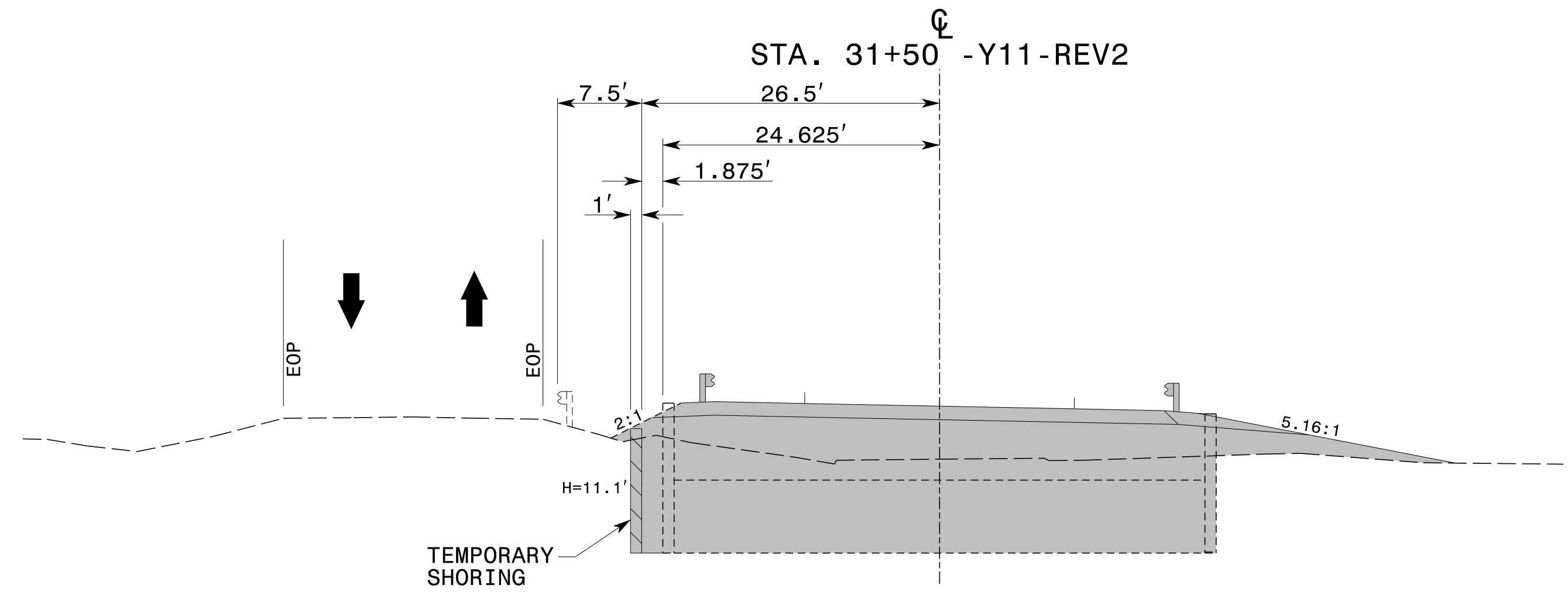
APPROVED: *Don A. Parker*
400482802618410...

DATE: 2/16/2017

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

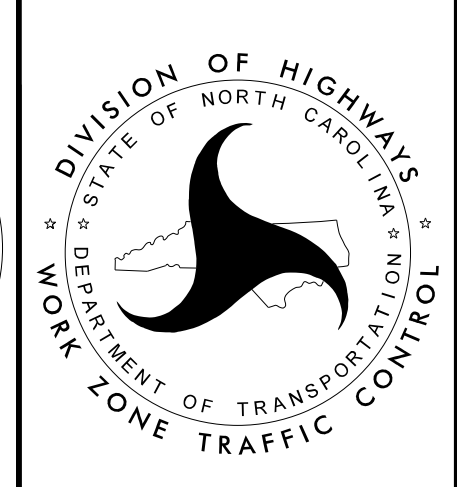
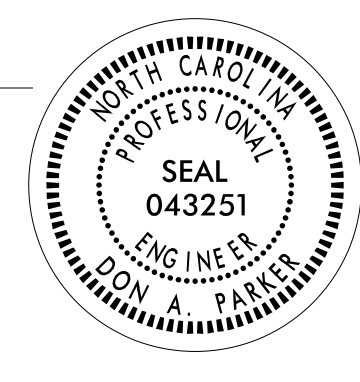


**SITE 6
 PHASE I DETAILS
 NORTH POST ROAD
 NC 180
 (-Y11-REV2 AND
 -Y11A-)**




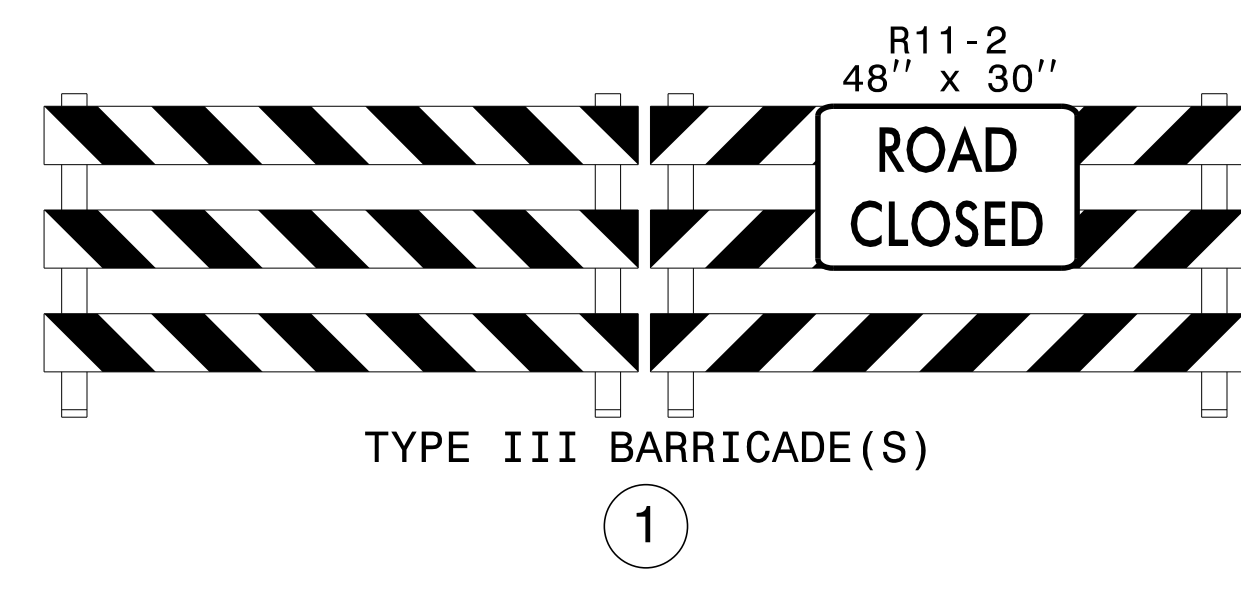
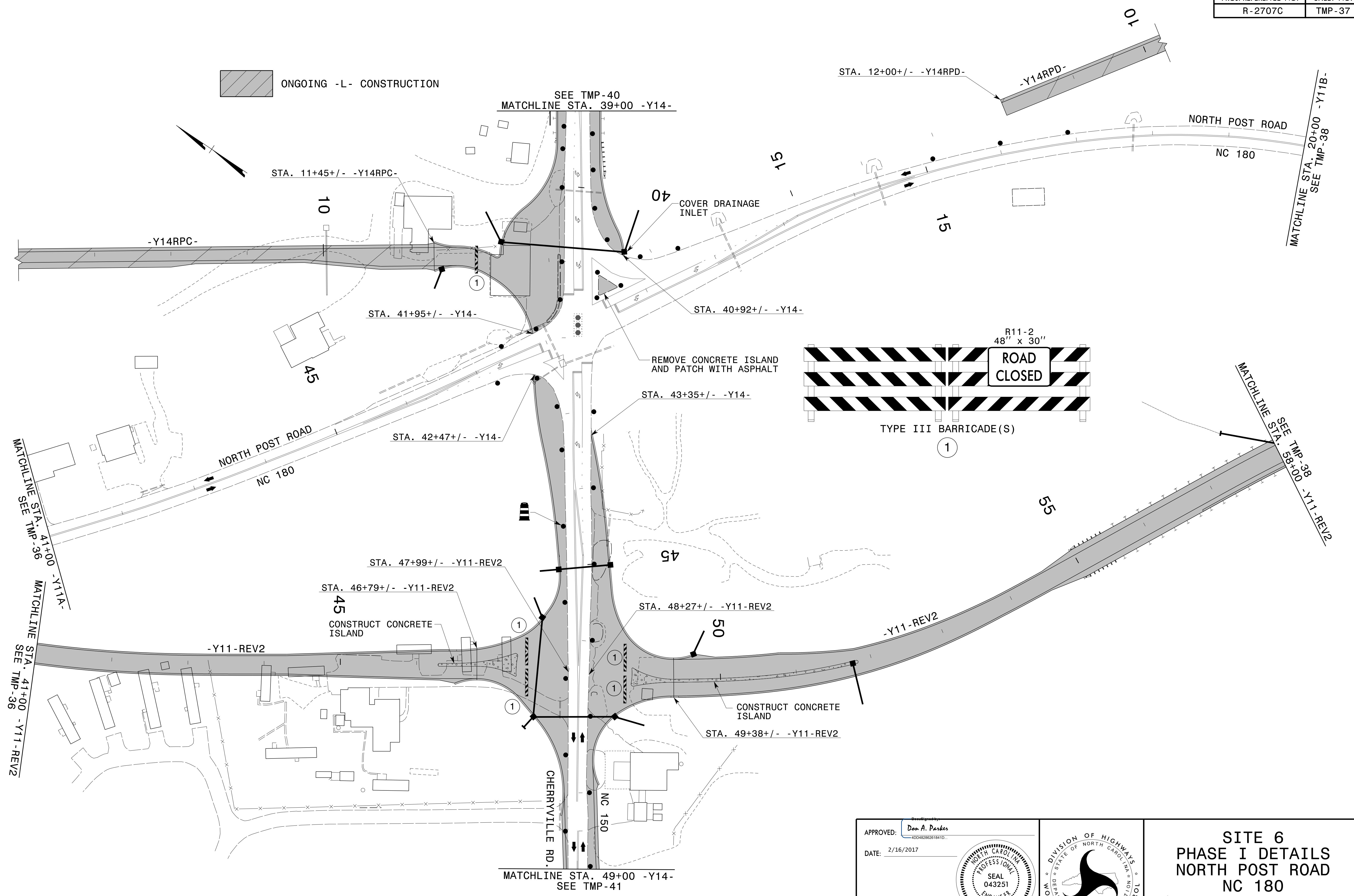
2/16/2017
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APPROVED: *Don A. Parker*
40482802618410...
 DATE: 2/16/2017

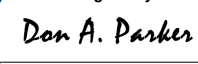


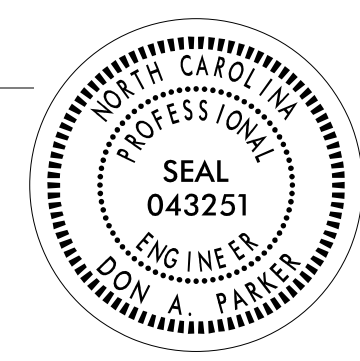
**SITE 6
 PHASE I
 -Y11-REV2
 CROSS-SECTIONS**

 ONGOING -L- CONSTRUCTION

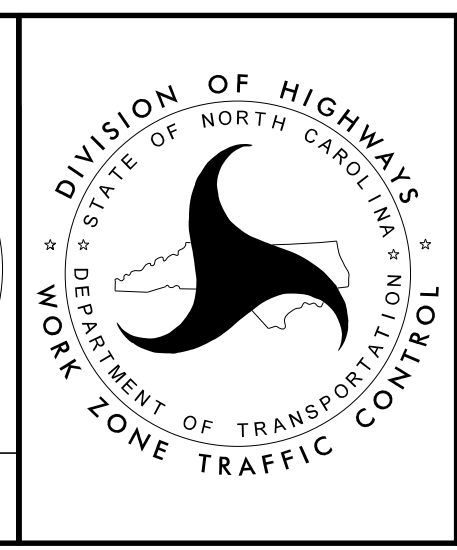


2/16/2017
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 User:scodts

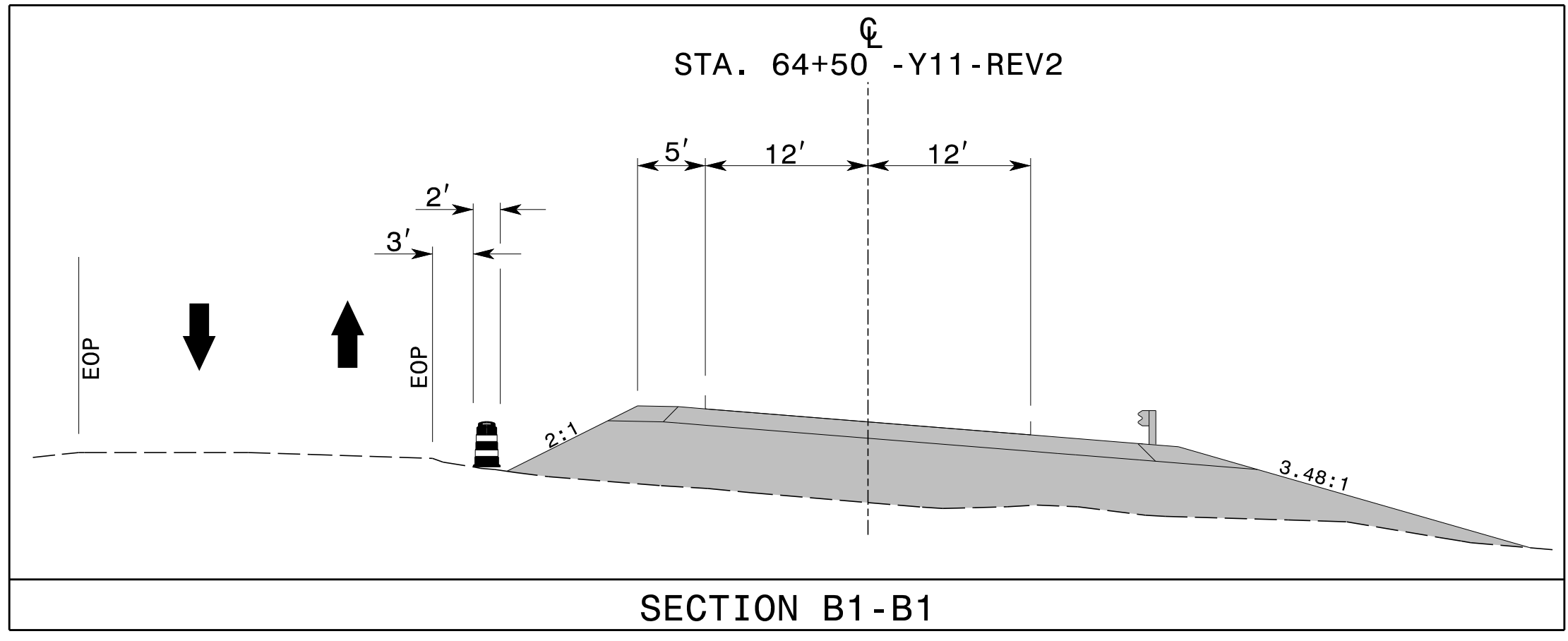
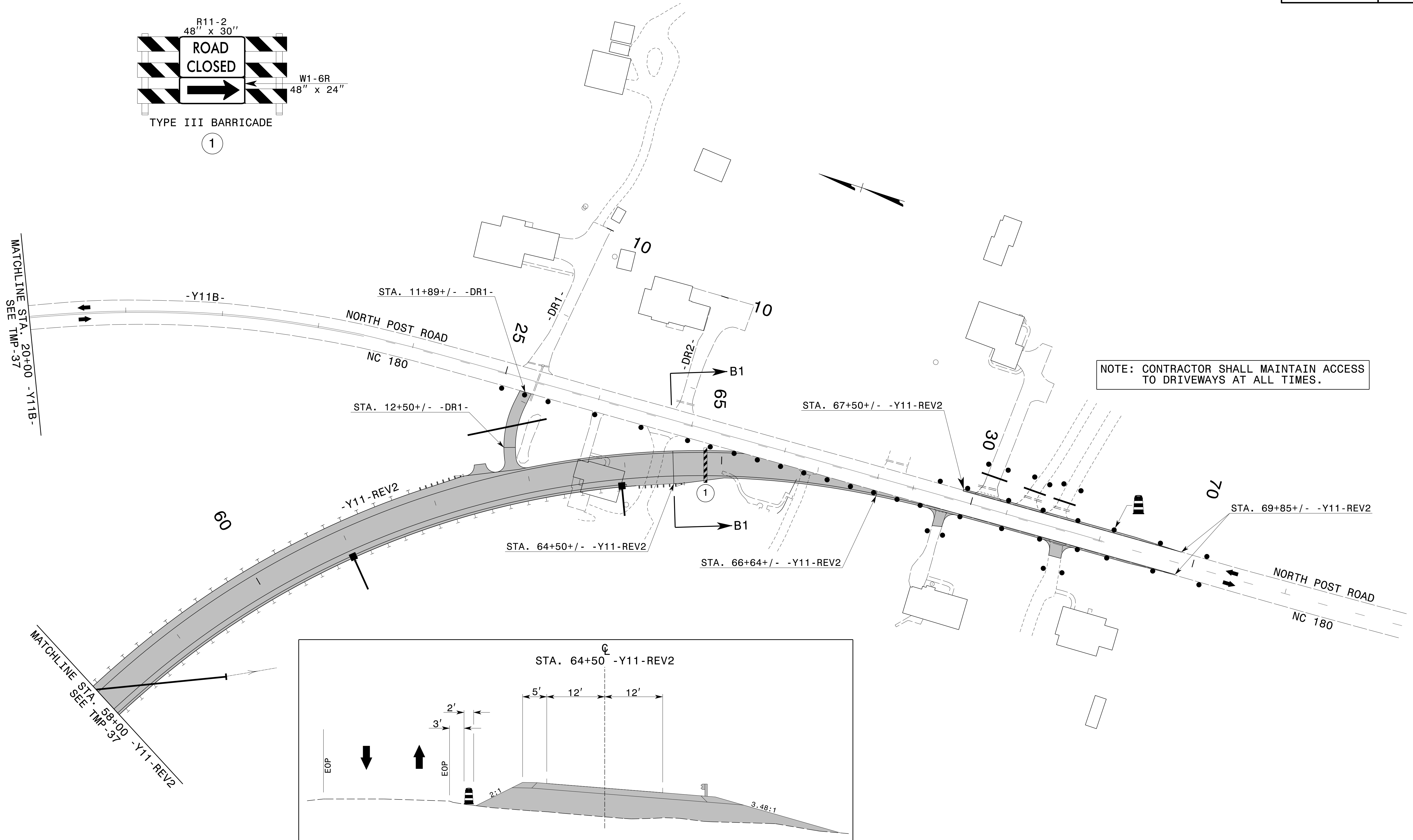
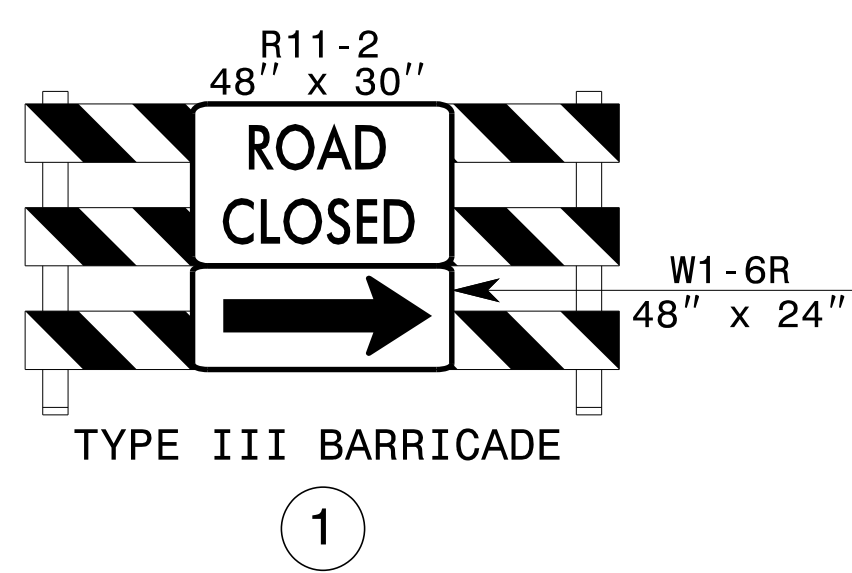
APPROVED: 
 DATE: 2/16/2017



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UNLESS ALL SIGNATURES COMPLETED**



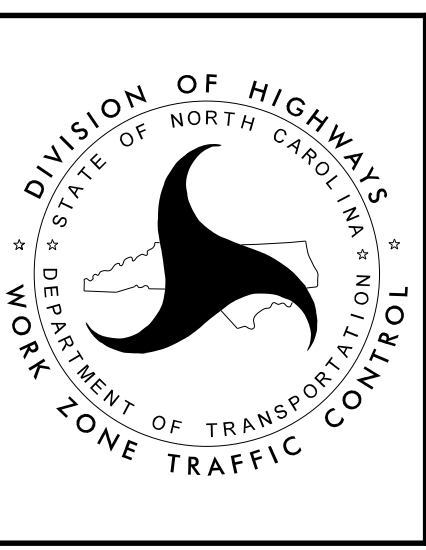
**SITE 6
 PHASE I DETAILS
 NORTH POST ROAD
 NC 180
 (-Y11-REV2, -Y11A,
 -Y11B-, AND -Y14-)**



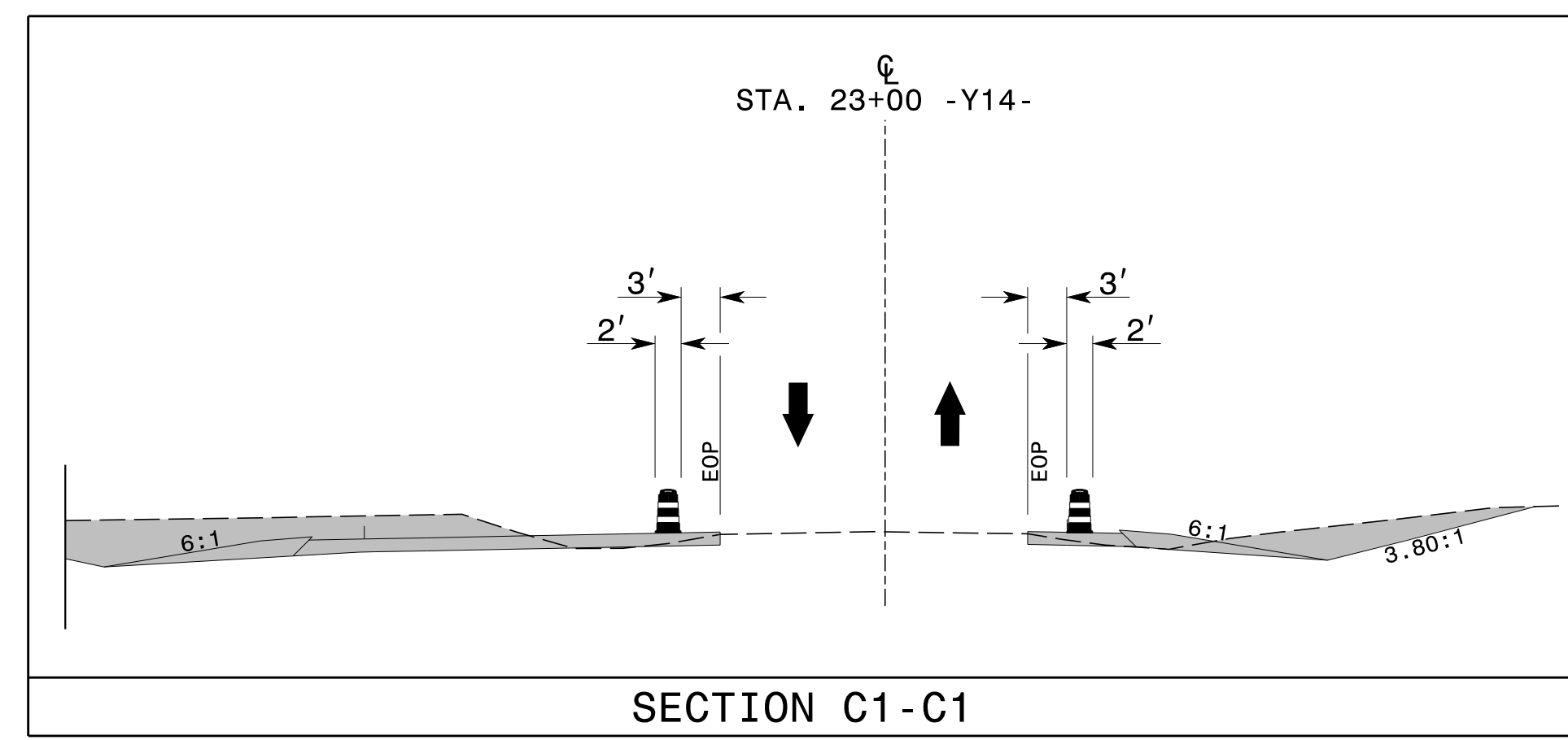
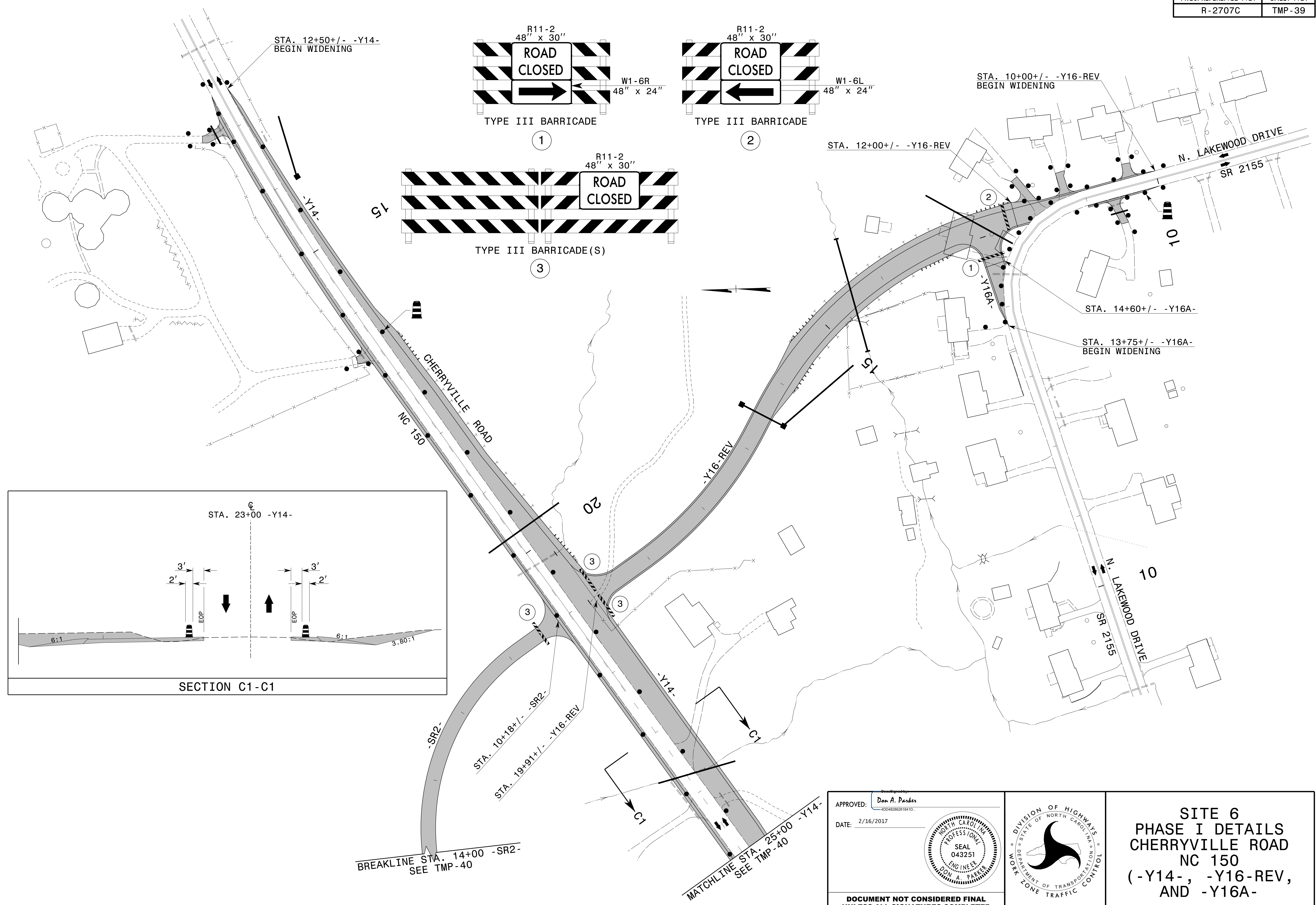
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 User:scodts

APPROVED: *Don A. Parker*
 DATE: 2/16/2017

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



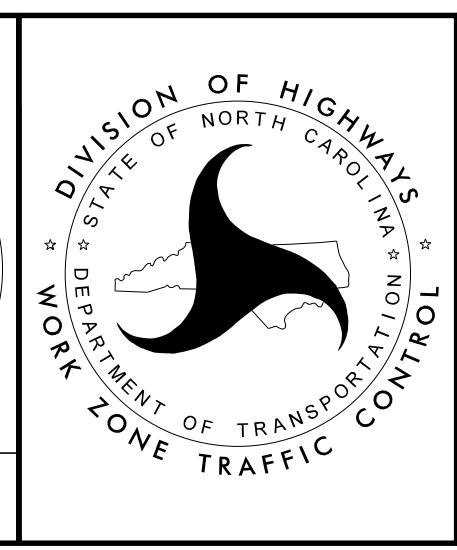
**SITE 6
 PHASE I DETAILS
 NORTH POST ROAD
 NC 180
 (-Y11-REV2 AND -Y11B-)**



APPROVED: *Don A. Parker*
 DATE: 2/16/2017

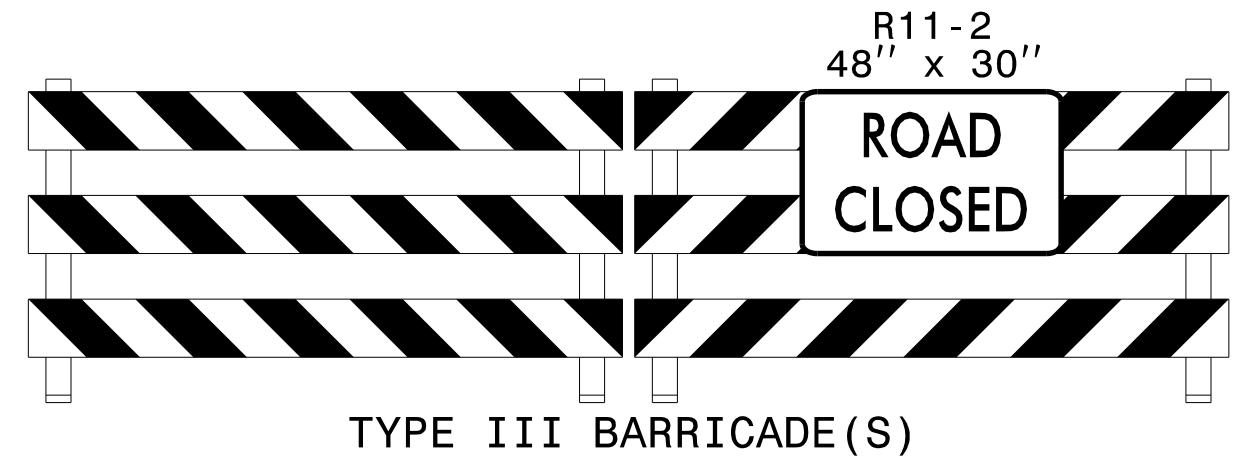
SEAL
 043251
 ENGINEER
 DON A. PARKER

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

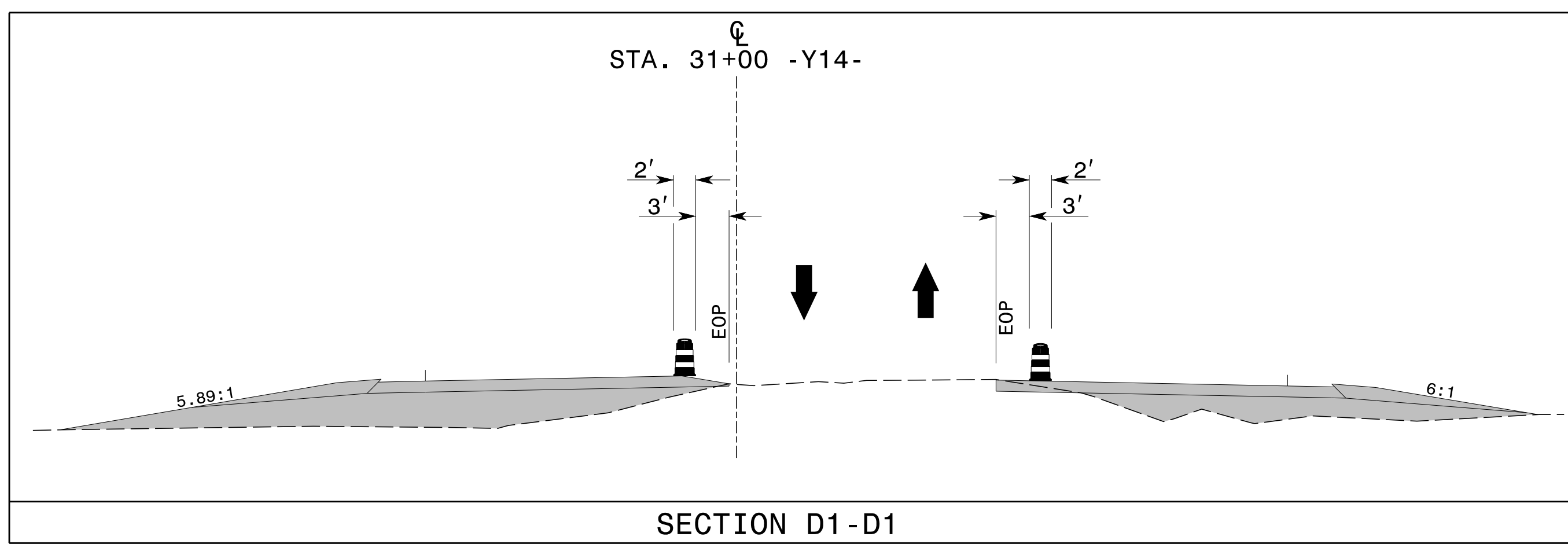
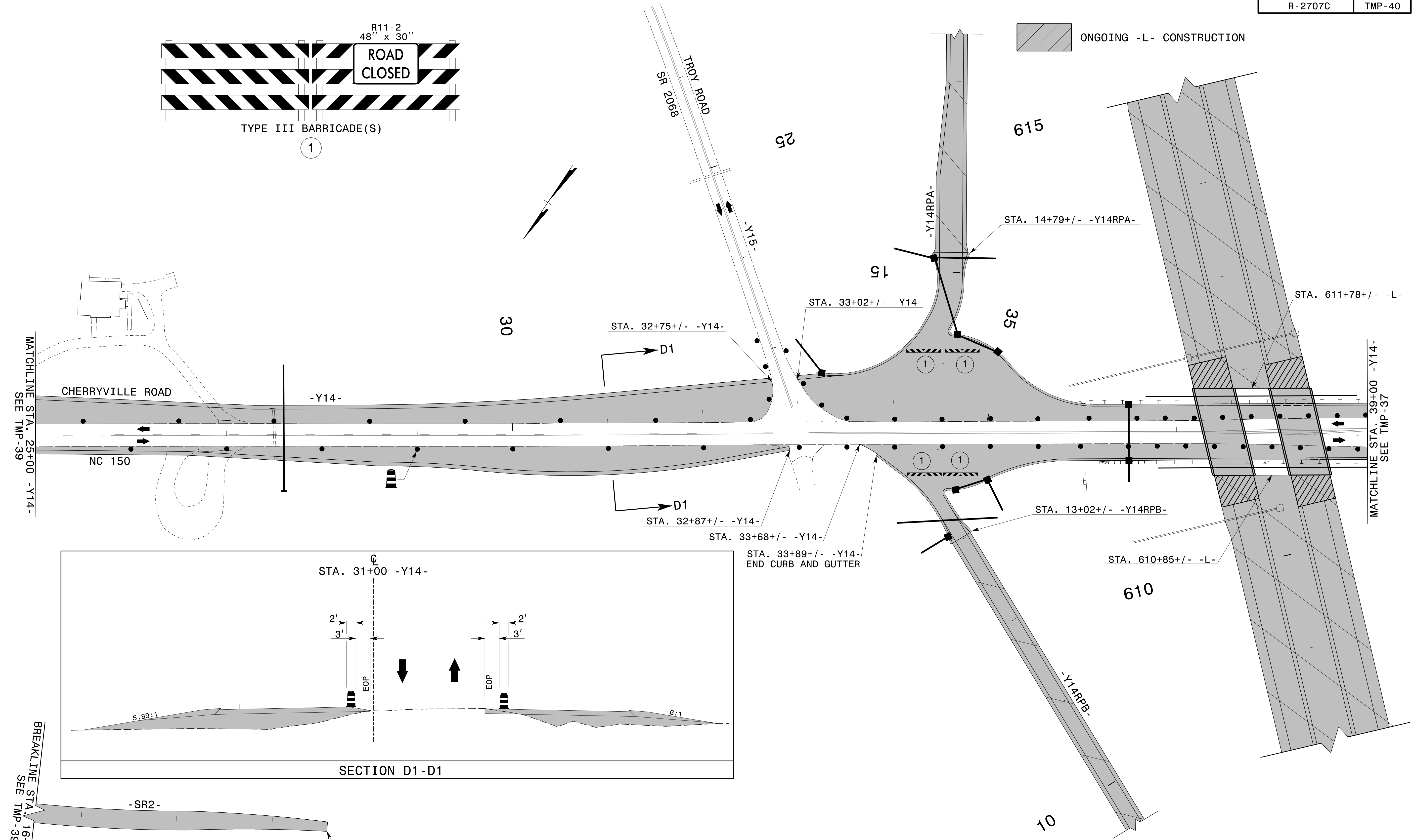


**SITE 6
 PHASE I DETAILS
 CHERRYVILLE ROAD
 NC 150
 (-Y14-, -Y16-REV,
 AND -Y16A-**

2/16/2017
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 User:scodts



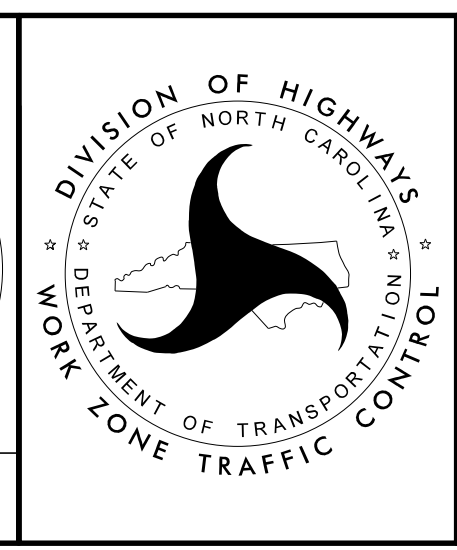
ONGOING -L- CONSTRUCTION



APPROVED: *Don A. Parker*
DATE: 2/16/2017

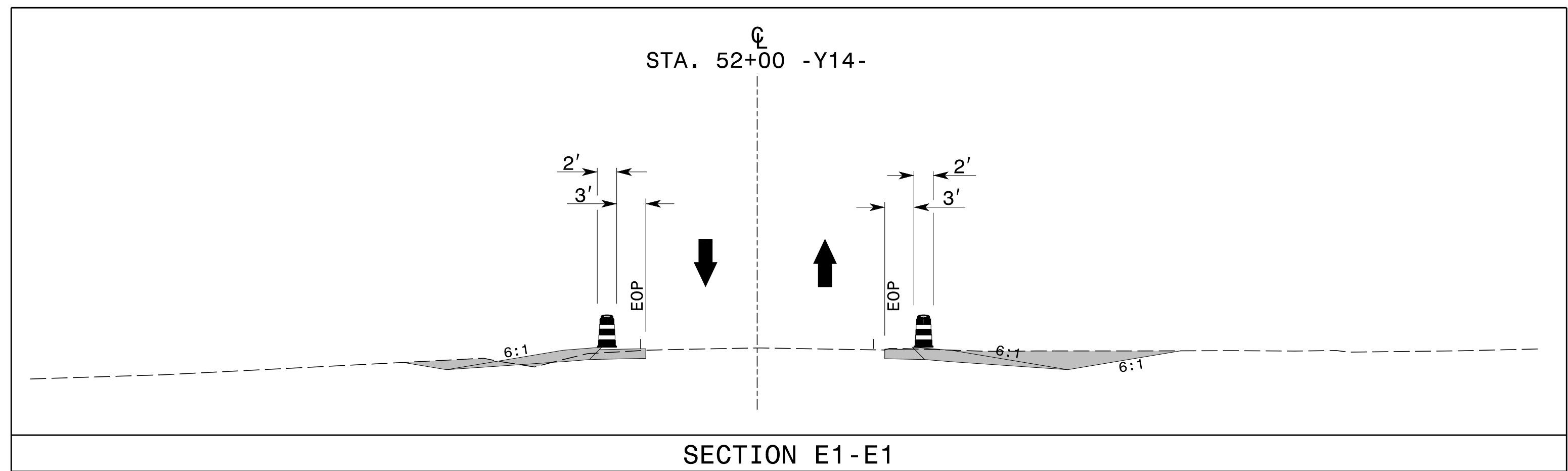
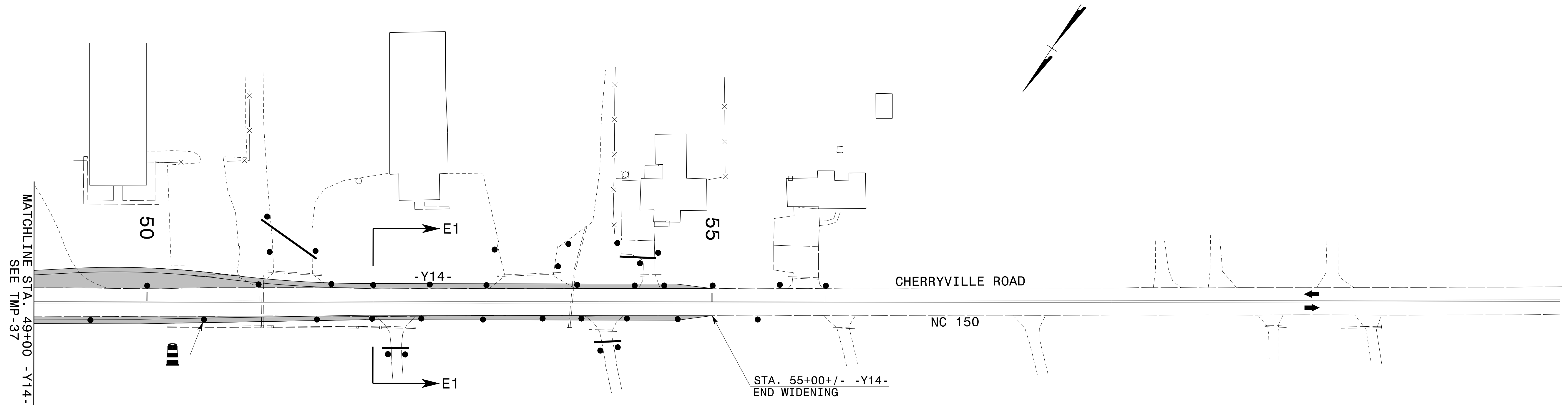
SEAL
043251
ENGINEER
DON A. PARKER

DOCUMENT NOT CONSIDERED FINAL
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SITE 6
PHASE I DETAILS
CHERRYVILLE ROAD
NC 150
(-Y14- AND -Y15-)

2/16/2017
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User:scodts

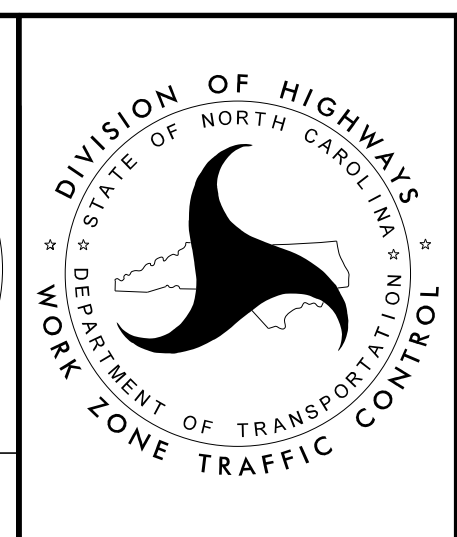


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APPROVED: *Don A. Parker*
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DATE: 2/16/2017

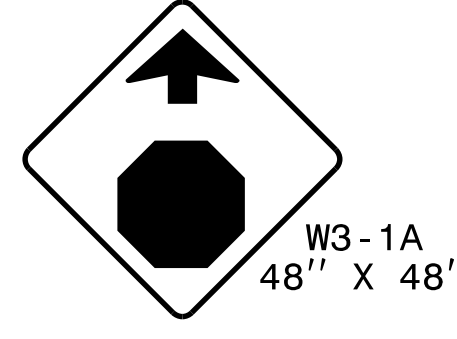
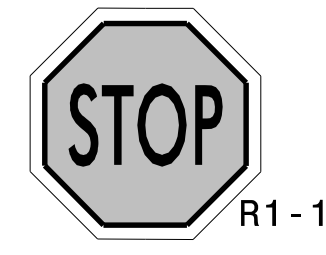
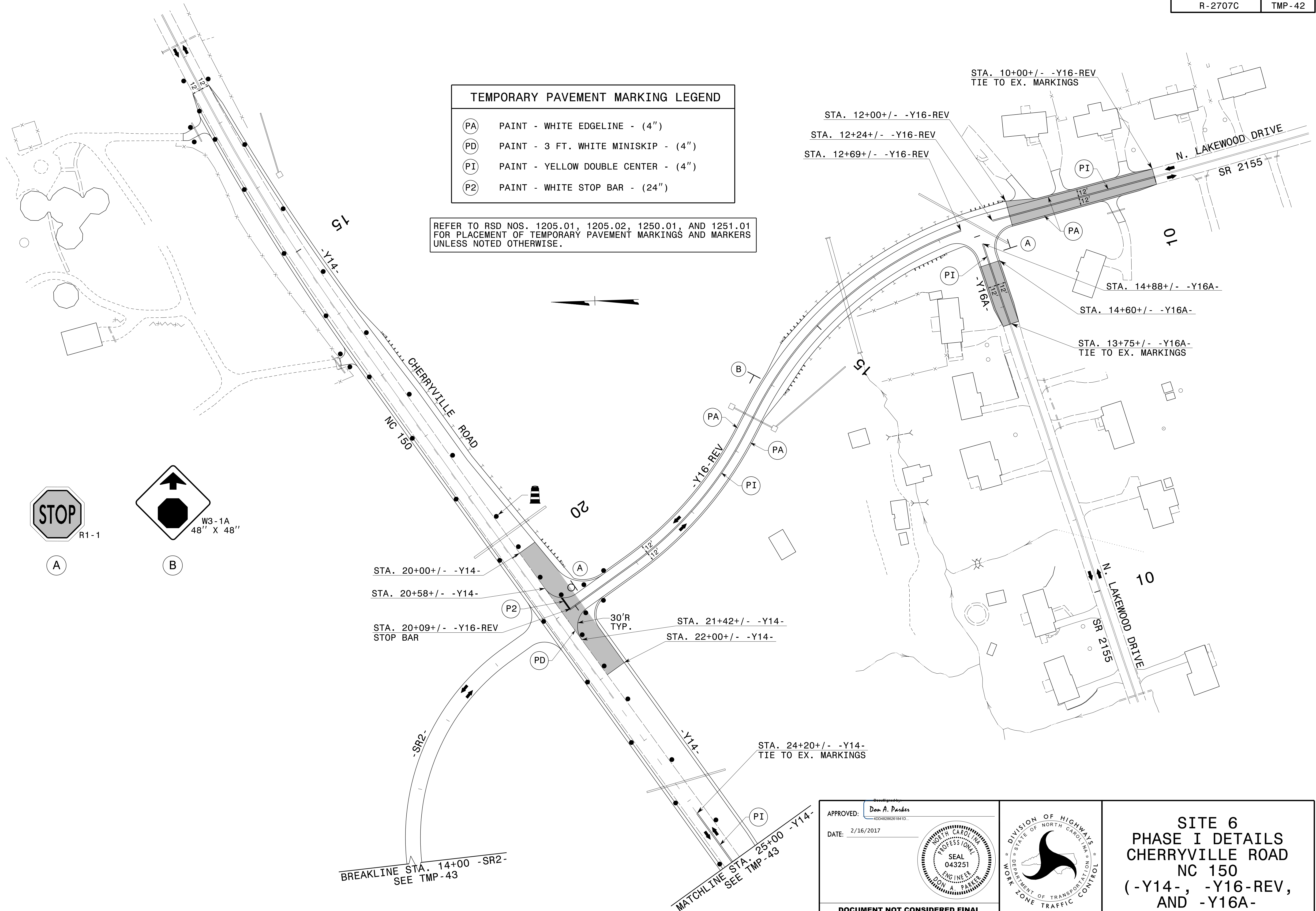
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UNLESS ALL SIGNATURES COMPLETED**



**SITE 6
 PHASE I DETAILS
 CHERRYVILLE ROAD
 NC 150
 (-Y14-)**

TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PD)	PAINT - 3 FT. WHITE MINISKIP - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(P2)	PAINT - WHITE STOP BAR - (24")

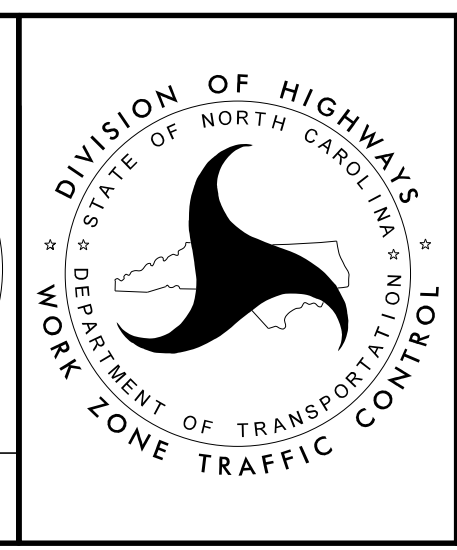
REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.



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APPROVED: *Don A. Parker*
 DATE: 2/16/2017

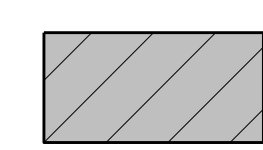
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

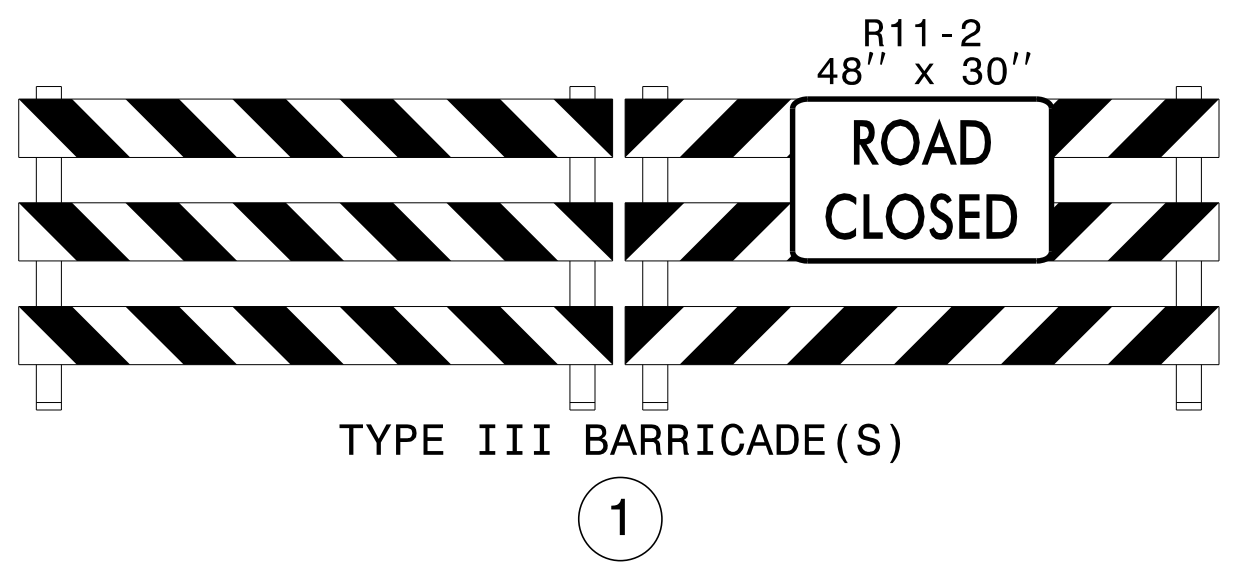
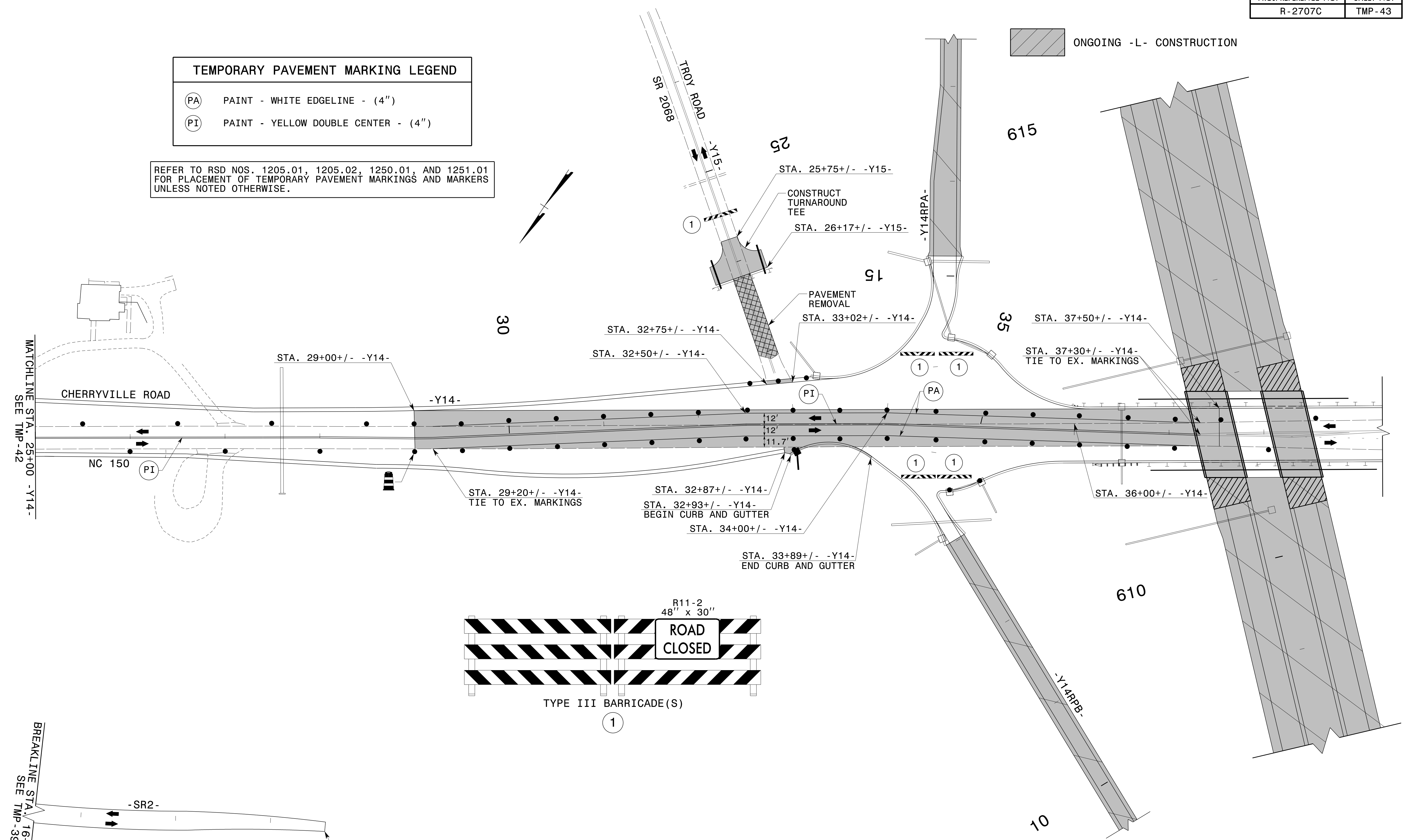


**SITE 6
 PHASE I DETAILS
 CHERRYVILLE ROAD
 NC 150
 (-Y14-, -Y16-REV,
 AND -Y16A-**

TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")

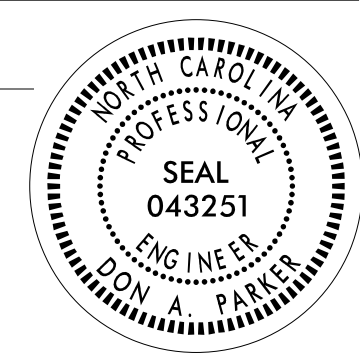
REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

 ONGOING -L- CONSTRUCTION

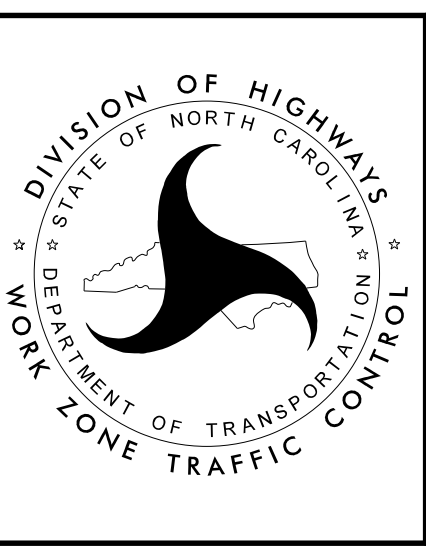


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APPROVED: *Don A. Parker*
40482802618410...
 DATE: 2/16/2017

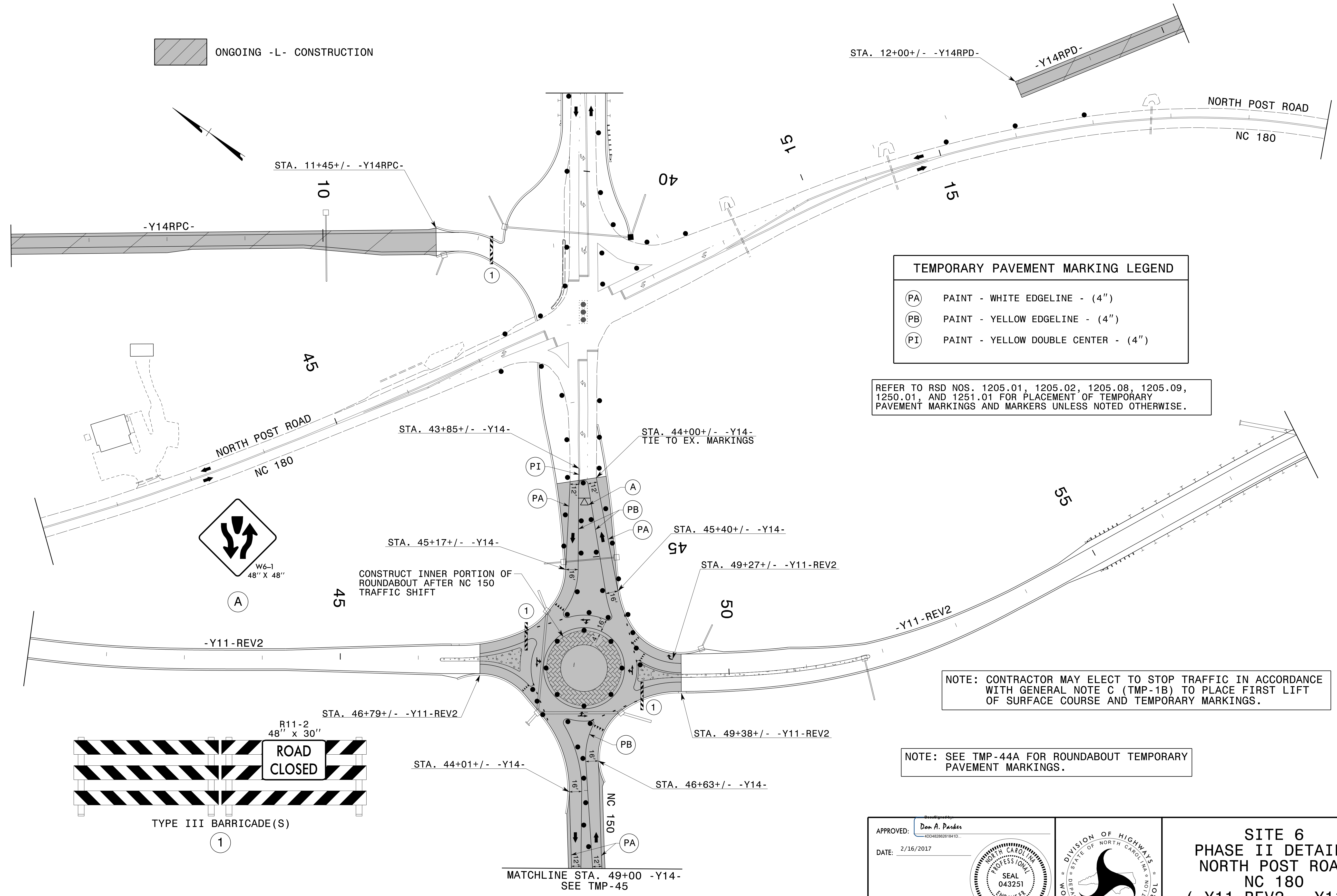


**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



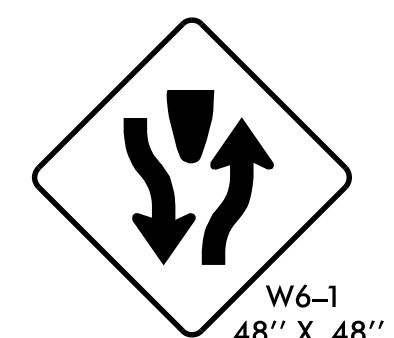
**SITE 6
PHASE I DETAILS
CHERRYVILLE ROAD
NC 150
(-Y14- AND -Y15-)**

 ONGOING -L- CONSTRUCTION



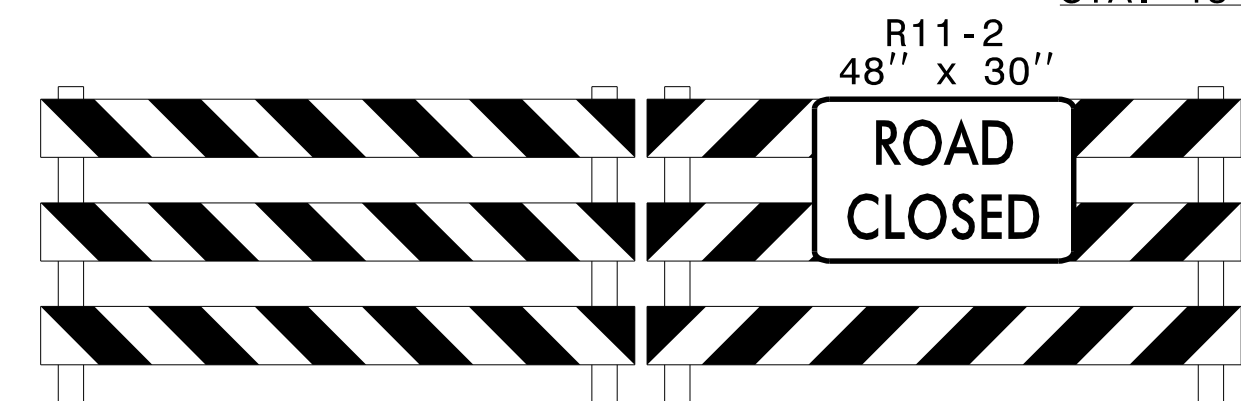
TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PB)	PAINT - YELLOW EDGELINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")

REFER TO RSD NOS. 1205.01, 1205.02, 1205.08, 1205.09, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.



(A)

CONSTRUCT INNER PORTION OF ROUNDABOUT AFTER NC 150 TRAFFIC SHIFT



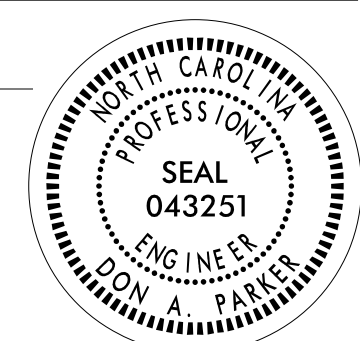
TYPE III BARRICADE(S)

(1)

NOTE: CONTRACTOR MAY ELECT TO STOP TRAFFIC IN ACCORDANCE WITH GENERAL NOTE C (TMP-1B) TO PLACE FIRST LIFT OF SURFACE COURSE AND TEMPORARY MARKINGS.

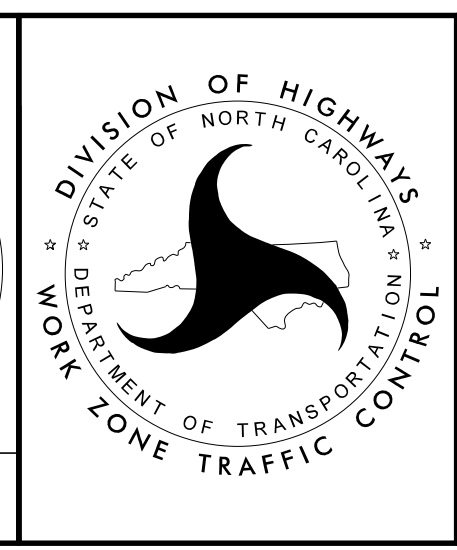
NOTE: SEE TMP-44A FOR ROUNDABOUT TEMPORARY PAVEMENT MARKINGS.

MATCHLINE STA. 49+00 -Y14-
SEE TMP-45

APPROVED: 

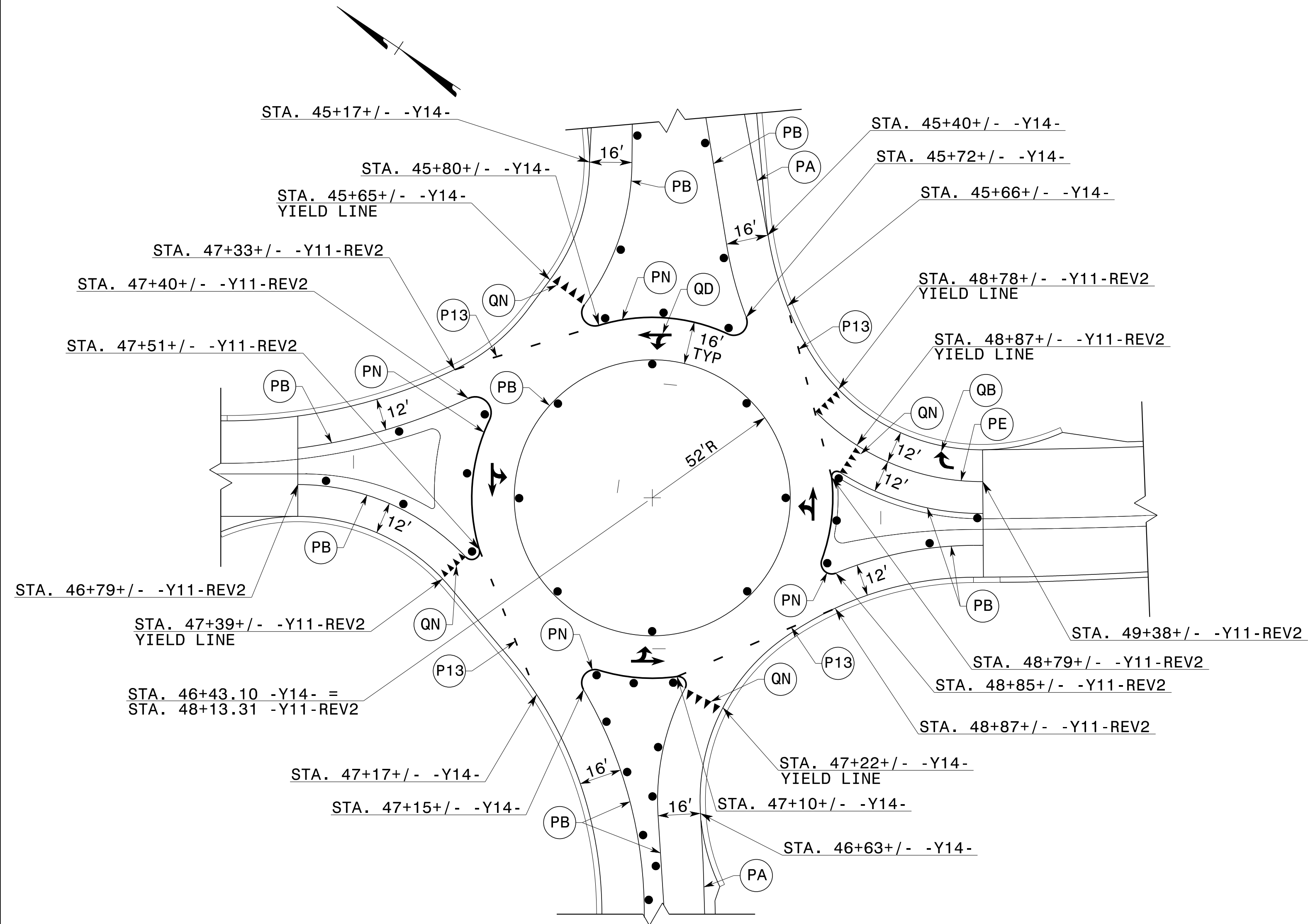
DATE: 2/16/2017

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



**SITE 6
PHASE II DETAILS
NORTH POST ROAD
NC 180
(-Y11-REV2, -Y11A,
-Y11B-, AND -Y14-)
STEP 1**

2/16/2017 P:\TIP\Projects-R\2707C\TrafficControl\TCP\SITE_6\2707C_TC_SITE6_PH2_TMP44.dgn User:scodts



TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PB)	PAINT - YELLOW EDGELINE - (4")
(PE)	PAINT - WHITE SOLID LANE LINE - (4")
(PN)	PAINT - WHITE GORELINE - (8")
(P13)	PAINT - WHITE MINISKIP - (8")
(QB)	PAINT - RIGHT TURN ARROW - ↗
(QD)	PAINT - COMBO. LEFT/STRAIGHT ARROW - ↖
(QN)	PAINT - 24" YIELD LINE TRIANGLE - ▼

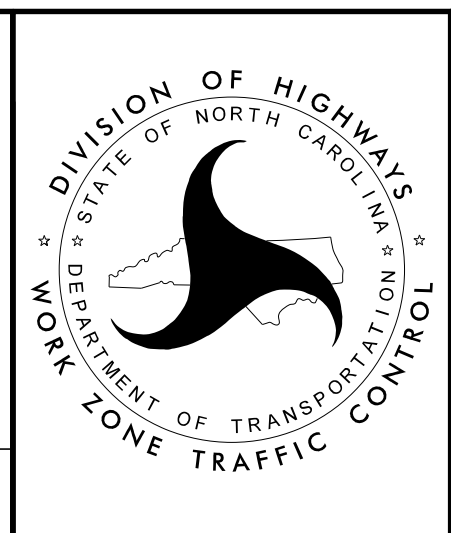
REFER TO RSD NOS. 1205.01, 1205.02, 1205.05, 1205.08, 1205.09, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

2/16/2017
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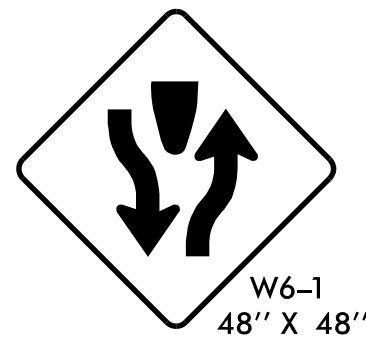
APPROVED: *Don A. Parker*
40482802618410

DATE: 2/16/2017

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



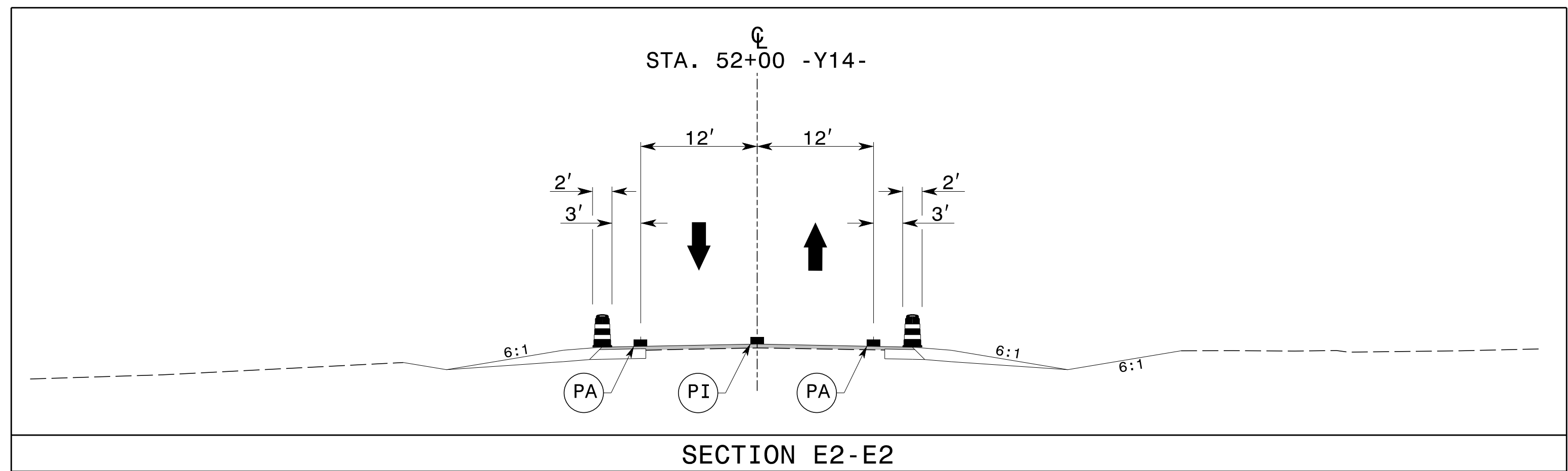
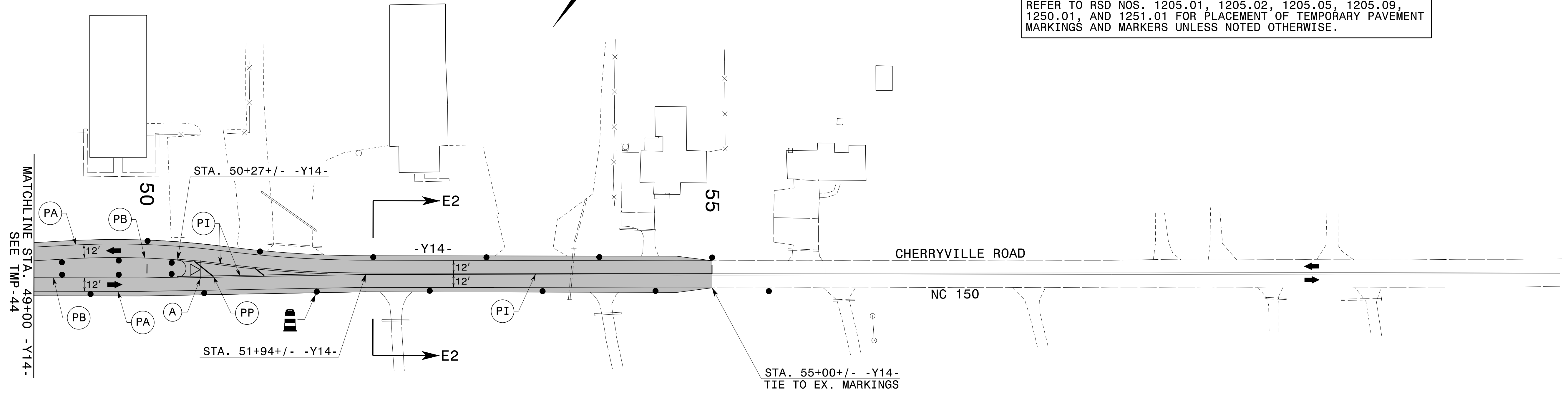
**SITE 6
 PHASE II DETAILS
 NC 180/NC 150
 ROUNDABOUT
 TEMPORARY PAVEMENT
 MARKINGS**



(A)

TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PB)	PAINT - YELLOW EDGELINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(PP)	PAINT - YELLOW DIAGONAL - (8")

REFER TO RSD NOS. 1205.01, 1205.02, 1205.05, 1205.09, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

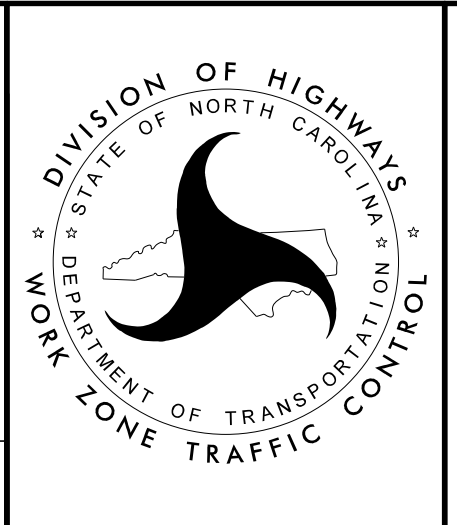


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 User:scodts

APPROVED: *Don A. Parker*
40048282618410...

DATE: 2/16/2017

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UNLESS ALL SIGNATURES COMPLETED**

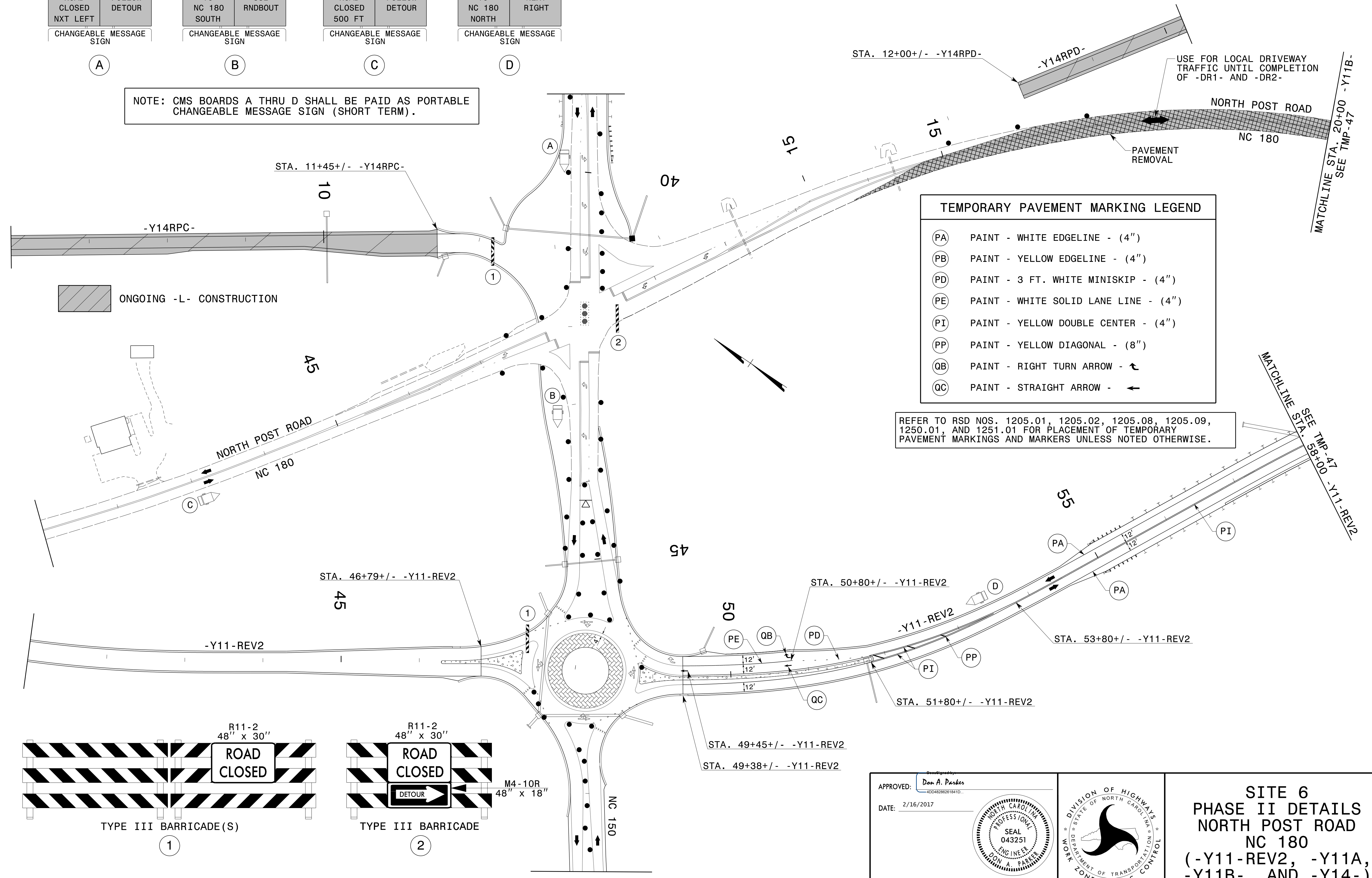


**SITE 6
 PHASE II DETAILS
 CHERRYVILLE ROAD
 NC 150
 (-Y14-)
 STEP 1**

MESSAGE NO. 1 ROAD CLOSED NXT LEFT	MESSAGE NO. 2 FOLLOW DETOUR	MESSAGE NO. 1 TO NC 180 SOUTH	MESSAGE NO. 2 USE RDNBOUT	MESSAGE NO. 1 ROAD CLOSED 500 FT	MESSAGE NO. 2 FOLLOW DETOUR	MESSAGE NO. 1 TO NC 180 NORTH	MESSAGE NO. 2 NEXT RIGHT
CHANGEABLE MESSAGE SIGN		CHANGEABLE MESSAGE SIGN		CHANGEABLE MESSAGE SIGN		CHANGEABLE MESSAGE SIGN	

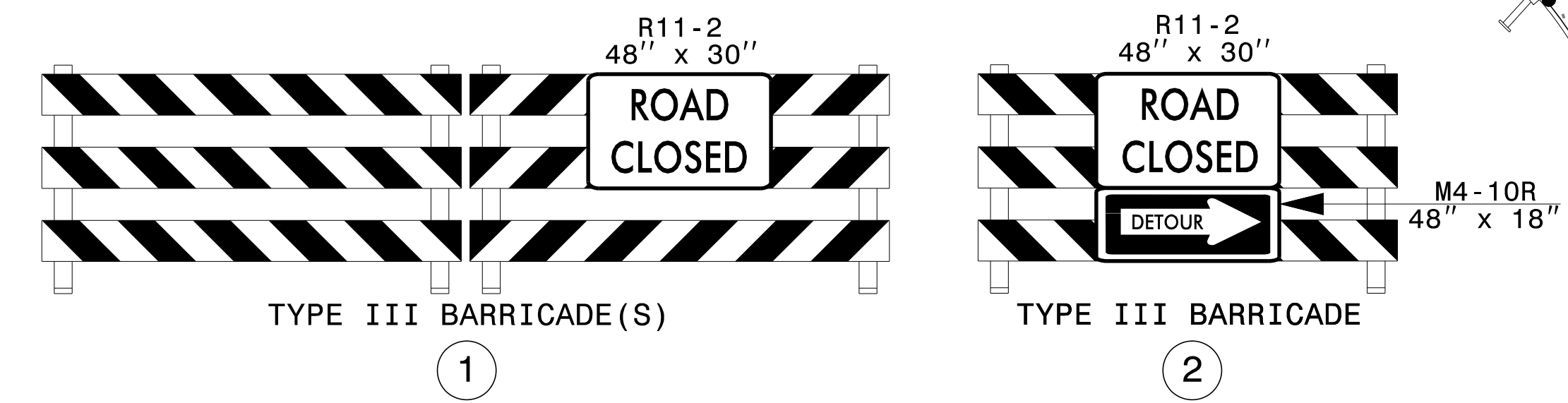
(A) (B) (C) (D)

NOTE: CMS BOARDS A THRU D SHALL BE PAID AS PORTABLE CHANGEABLE MESSAGE SIGN (SHORT TERM).



TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PB)	PAINT - YELLOW EDGELINE - (4")
(PD)	PAINT - 3 FT. WHITE MINISKIP - (4")
(PE)	PAINT - WHITE SOLID LANE LINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(PP)	PAINT - YELLOW DIAGONAL - (8")
(QB)	PAINT - RIGHT TURN ARROW - ↘
(QC)	PAINT - STRAIGHT ARROW - →

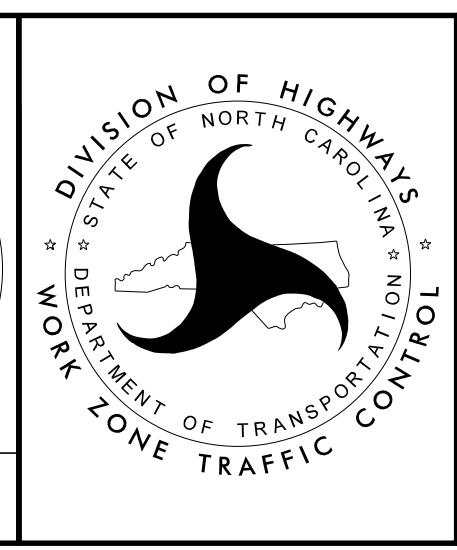
REFER TO RSD NOS. 1205.01, 1205.02, 1205.08, 1205.09, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.



APPROVED: *Don A. Parker*
 DATE: 2/16/2017

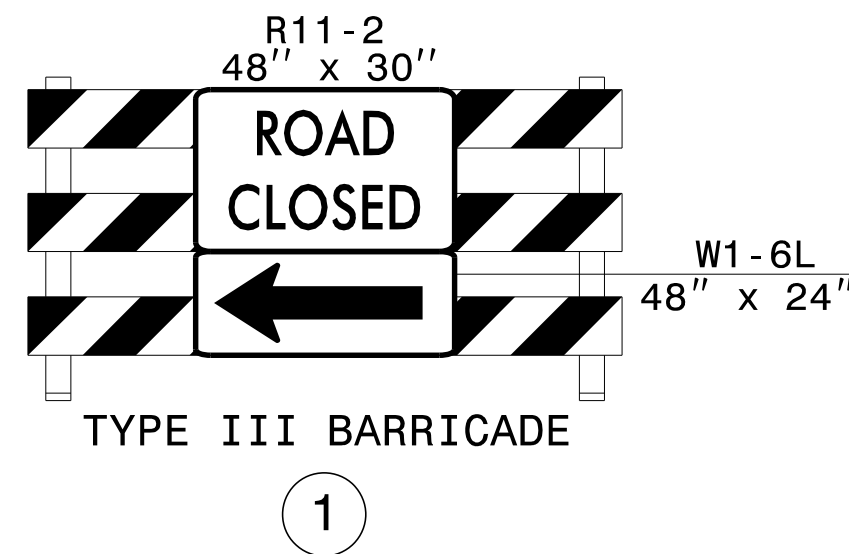
SEAL
 043251
 ENGINEER
 DON A. PARKER

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SITE 6
PHASE II DETAILS
NORTH POST ROAD
NC 180
 (-Y11-REV2, -Y11A,
 -Y11B-, AND -Y14-)

2/16/2017
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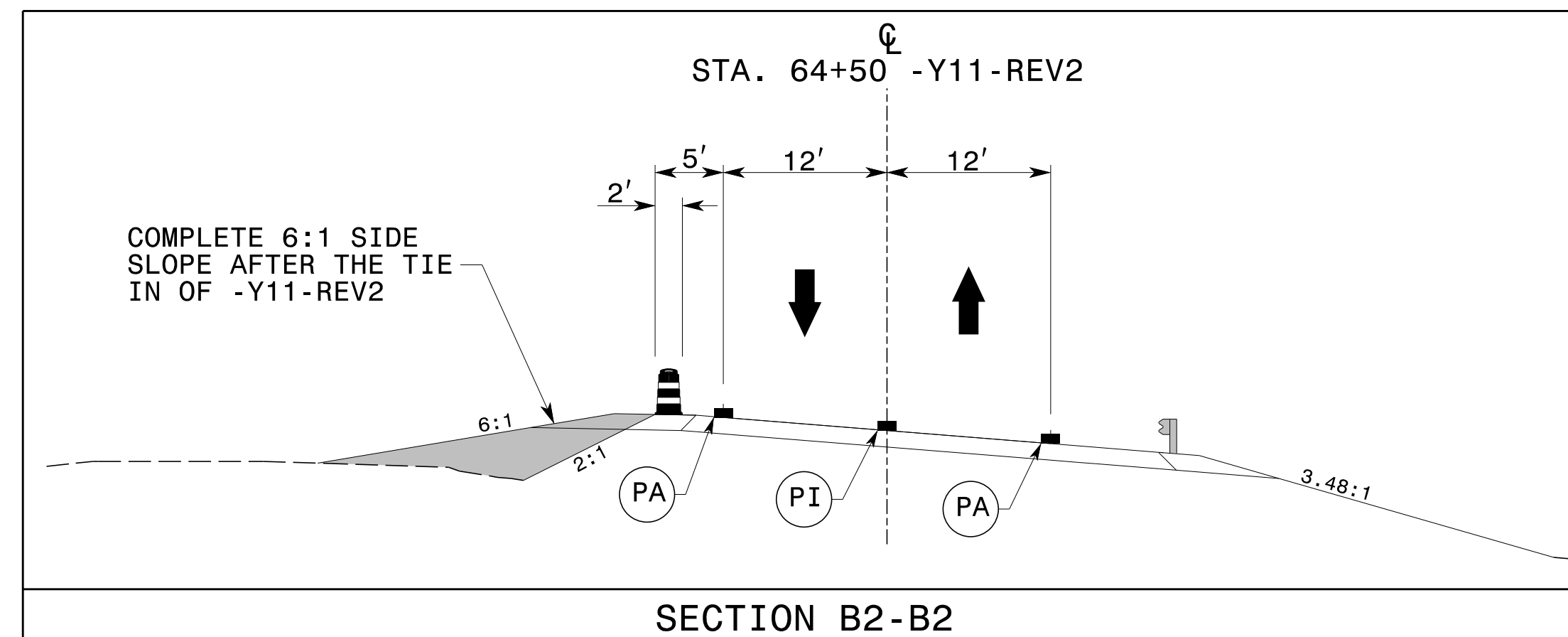
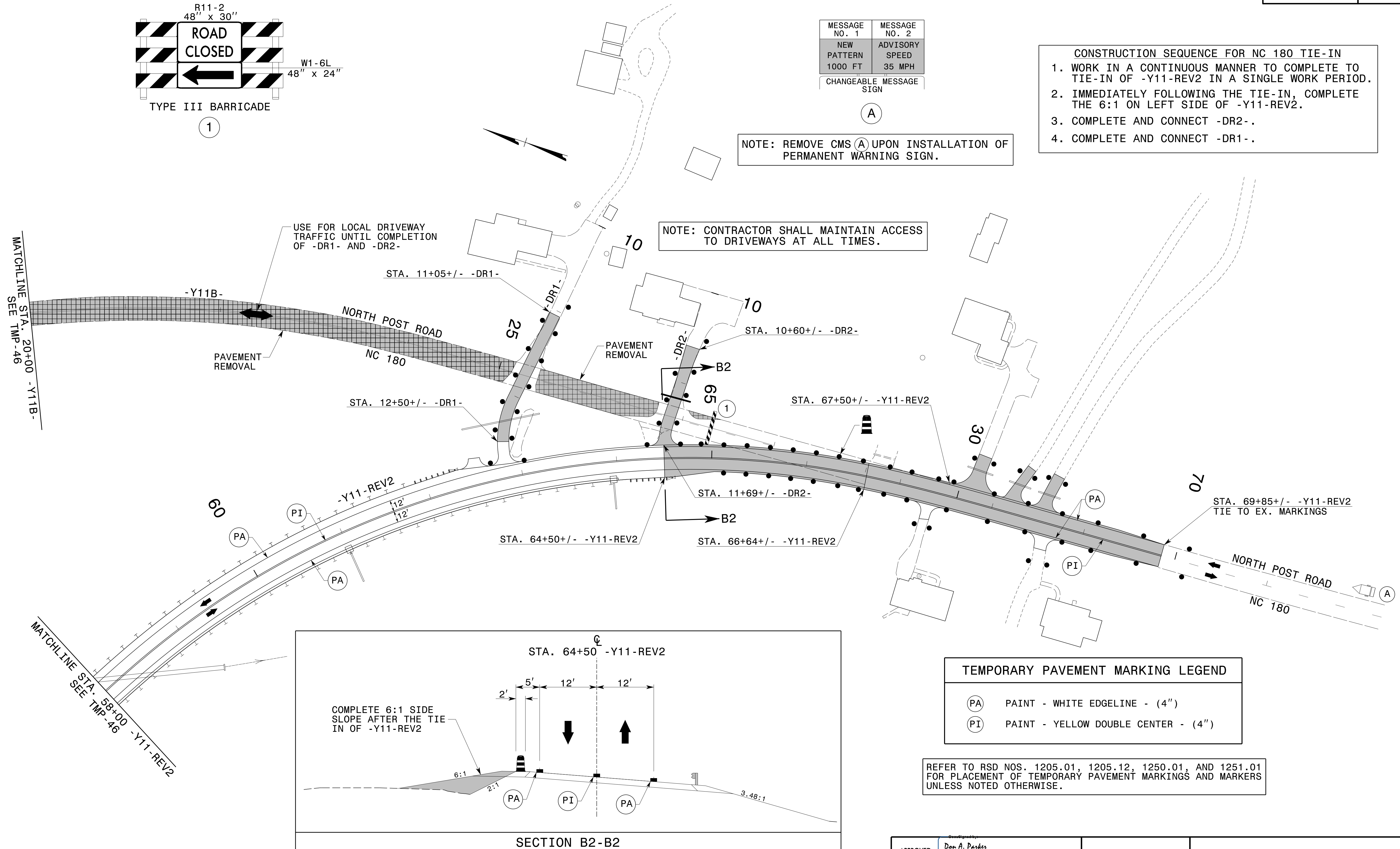
MESSAGE NO. 1	MESSAGE NO. 2
NEW PATTERN	ADVISORY SPEED
1000 FT	35 MPH

CHANGEABLE MESSAGE SIGN

- CONSTRUCTION SEQUENCE FOR NC 180 TIE-IN**
1. WORK IN A CONTINUOUS MANNER TO COMPLETE TO TIE-IN OF -Y11-REV2 IN A SINGLE WORK PERIOD.
 2. IMMEDIATELY FOLLOWING THE TIE-IN, COMPLETE THE 6:1 ON LEFT SIDE OF -Y11-REV2.
 3. COMPLETE AND CONNECT -DR2-.
 4. COMPLETE AND CONNECT -DR1-.

NOTE: REMOVE CMS (A) UPON INSTALLATION OF PERMANENT WARNING SIGN.

NOTE: CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.



TEMPORARY PAVEMENT MARKING LEGEND

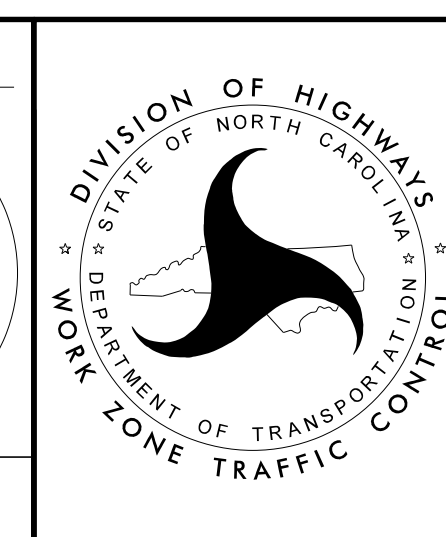
(PA)	PAINT - WHITE EDGELINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")

REFER TO RSD NOS. 1205.01, 1205.12, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

APPROVED: *Don A. Parker*
40048282618410...

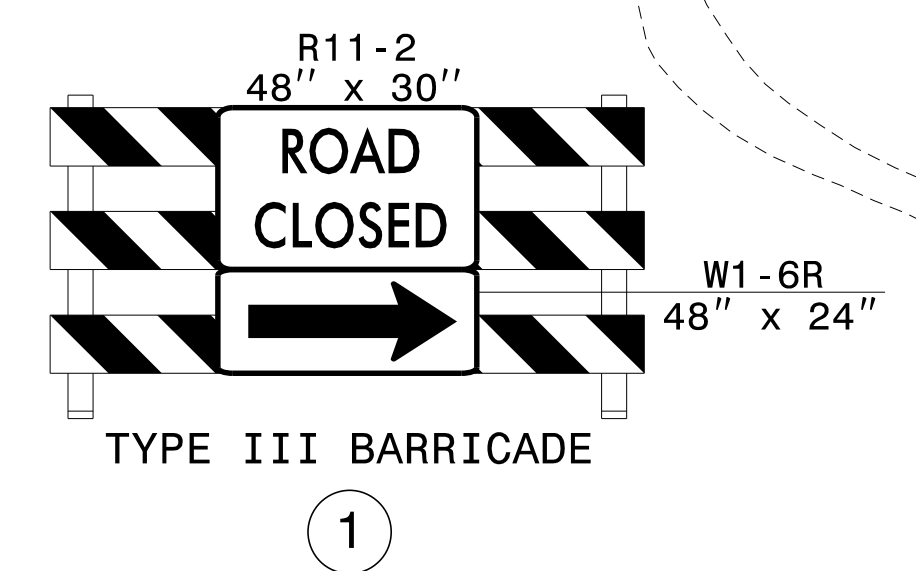
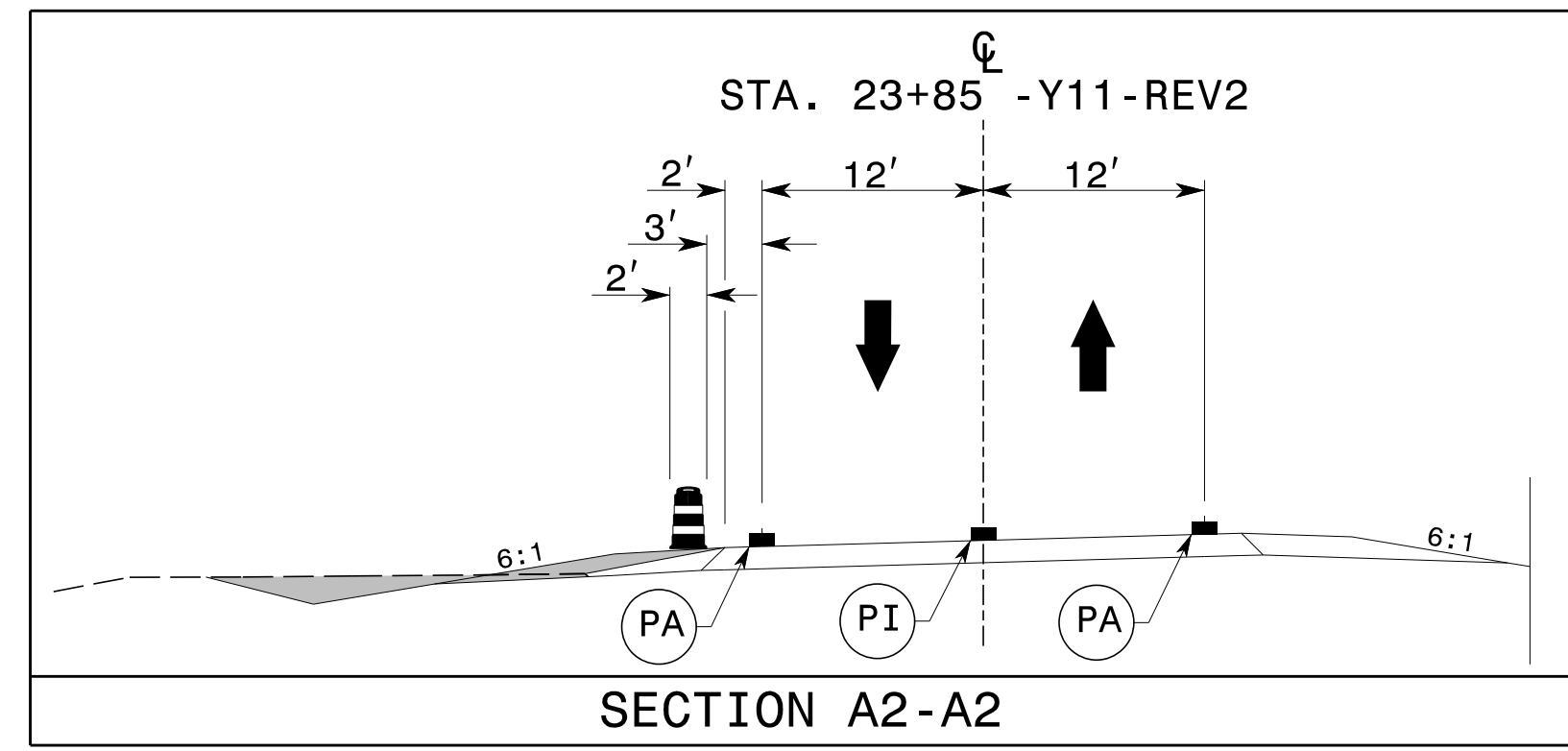
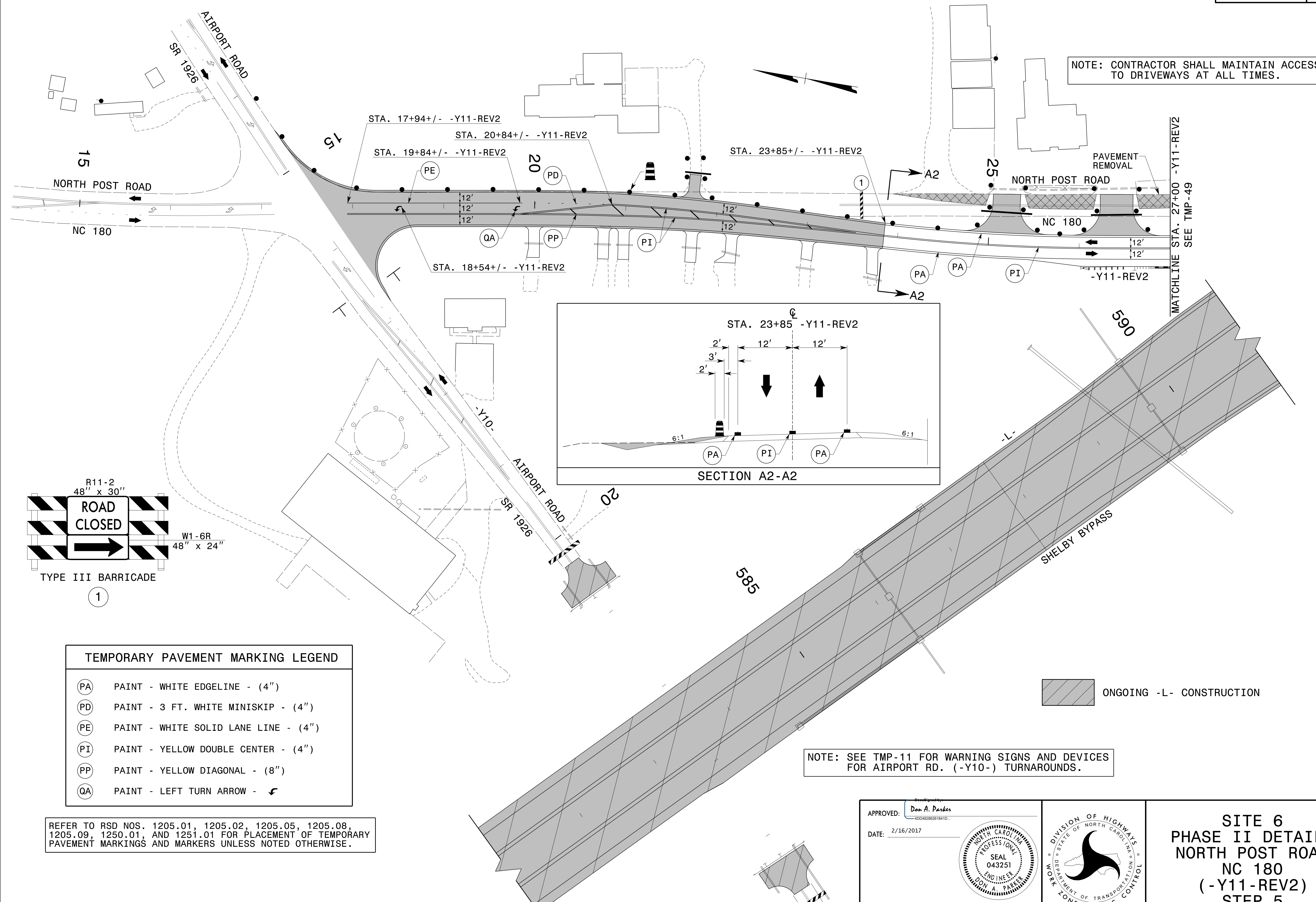
DATE: 2/16/2017

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**SITE 6
 PHASE II DETAILS
 NORTH POST ROAD
 NC 180
 (-Y11-REV2 AND -Y11B-)
 STEP 3**

NOTE: CONTRACTOR SHALL MAINTAIN ACCESS TO DRIVEWAYS AT ALL TIMES.



TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PD)	PAINT - 3 FT. WHITE MINISKIP - (4")
(PE)	PAINT - WHITE SOLID LANE LINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(PP)	PAINT - YELLOW DIAGONAL - (8")
(QA)	PAINT - LEFT TURN ARROW - ↩

REFER TO RSD NOS. 1205.01, 1205.02, 1205.05, 1205.08, 1205.09, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

NOTE: SEE TMP-11 FOR WARNING SIGNS AND DEVICES FOR AIRPORT RD. (-Y10-) TURNAROUNDS.

ONGOING -L- CONSTRUCTION

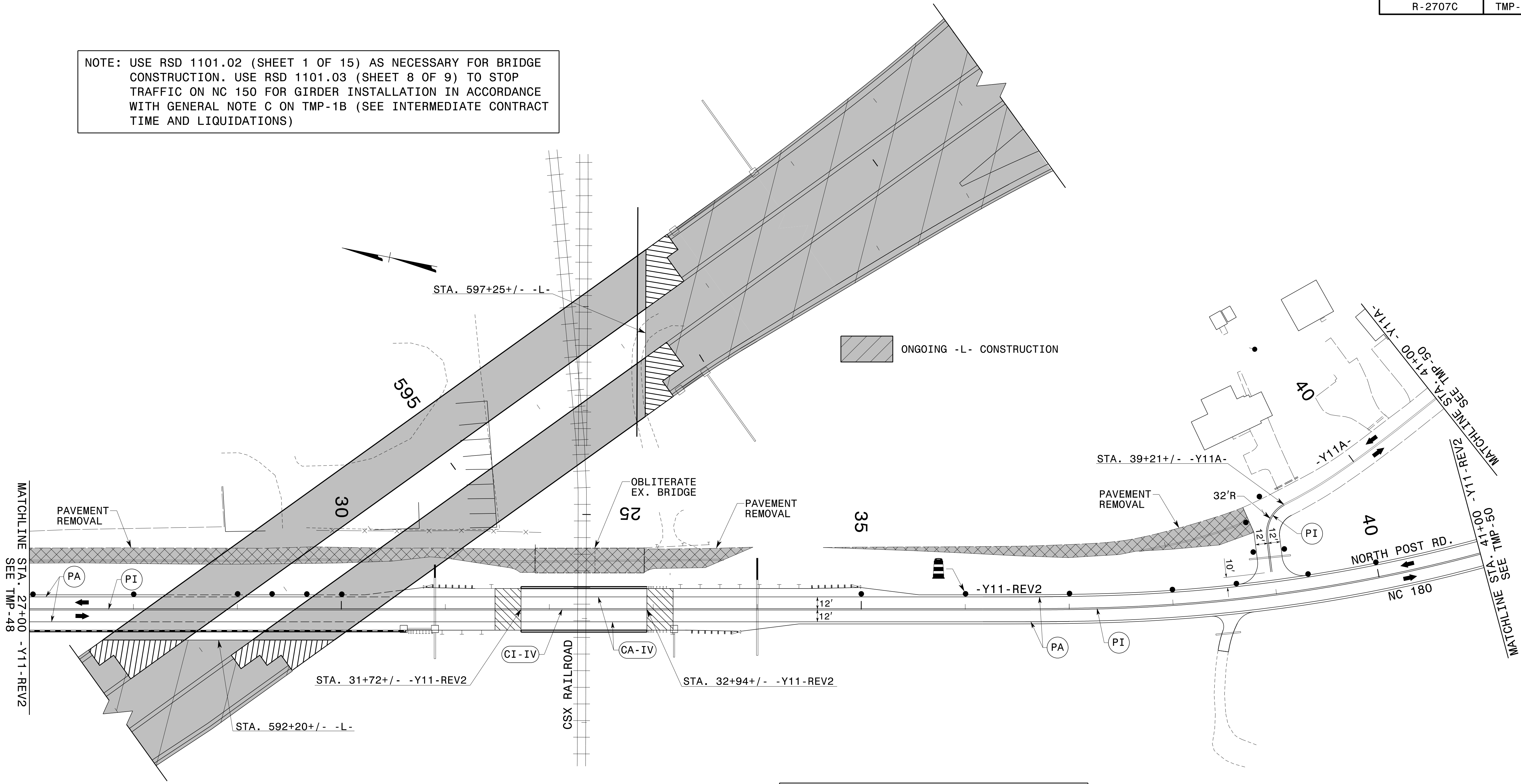
APPROVED: *Don A. Parker*
4004282618410...
 DATE: 2/16/2017

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**SITE 6
 PHASE II DETAILS
 NORTH POST ROAD
 NC 180
 (-Y11-REV2)
 STEP 5**

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 User:scodts

NOTE: USE RSD 1101.02 (SHEET 1 OF 15) AS NECESSARY FOR BRIDGE CONSTRUCTION. USE RSD 1101.03 (SHEET 8 OF 9) TO STOP TRAFFIC ON NC 150 FOR GIRDER INSTALLATION IN ACCORDANCE WITH GENERAL NOTE C ON TMP-1B (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATIONS)



SEE TMP-49A FOR -Y11-REV2 CROSS-SECTIONS

TEMPORARY PAVEMENT MARKING LEGEND	
CA-IV	COLD APPLIED PLASTIC (TYPE 4) - WHITE EDGELINE - (4")
CI-IV	COLD APPLIED PLASTIC (TYPE 4) - YELLOW DOUBLE CENTER - (4")
PA	PAINT - WHITE EDGELINE - (4")
PI	PAINT - YELLOW DOUBLE CENTER - (4")

REFER TO RSD NOS. 1205.01, 1205.02, 1205.12, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

APPROVED: *Don A. Parker*
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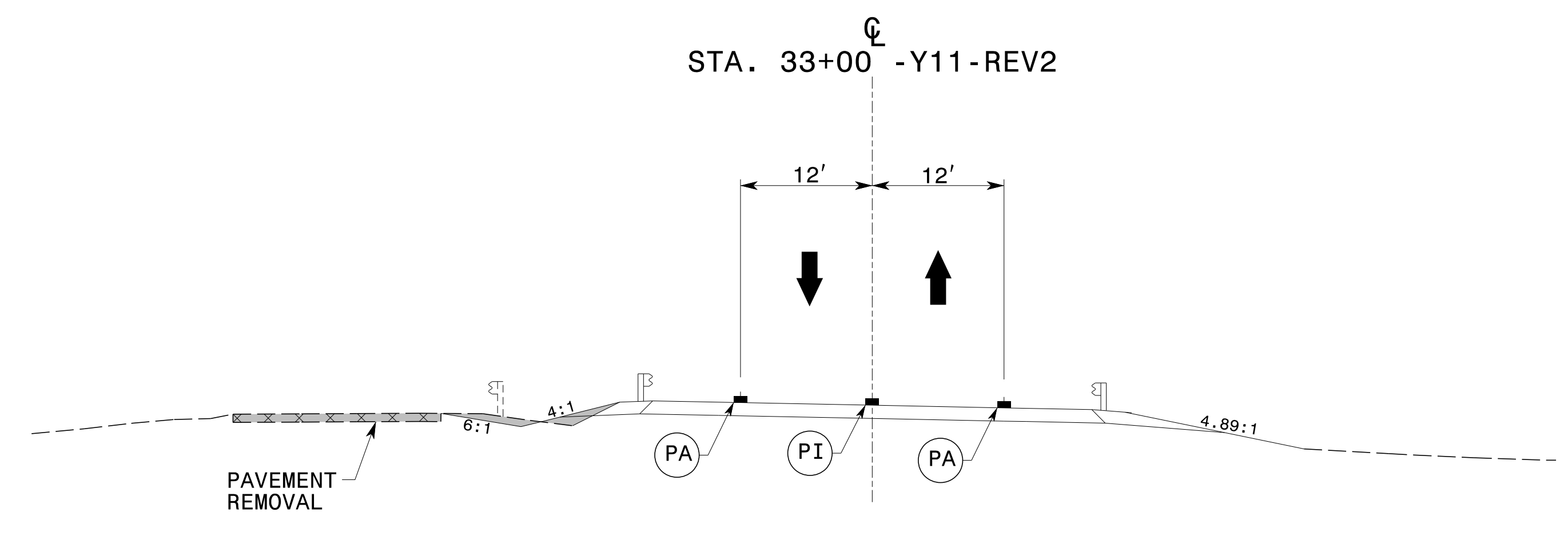
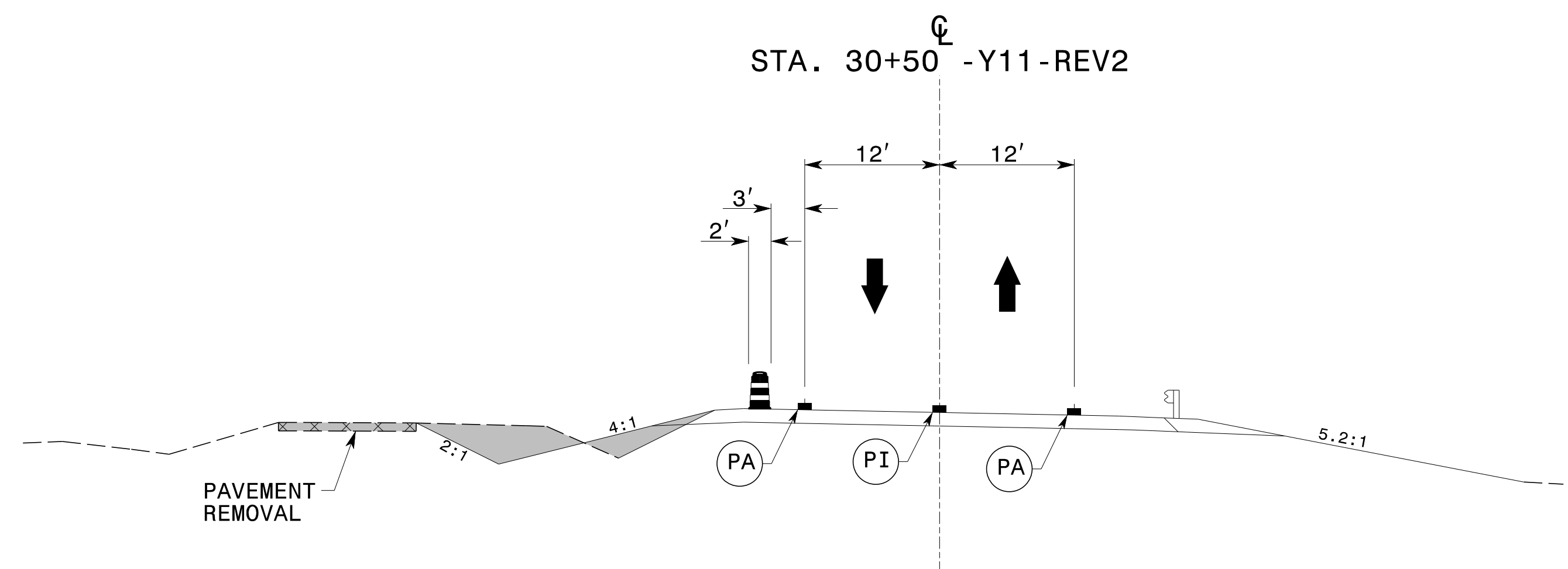
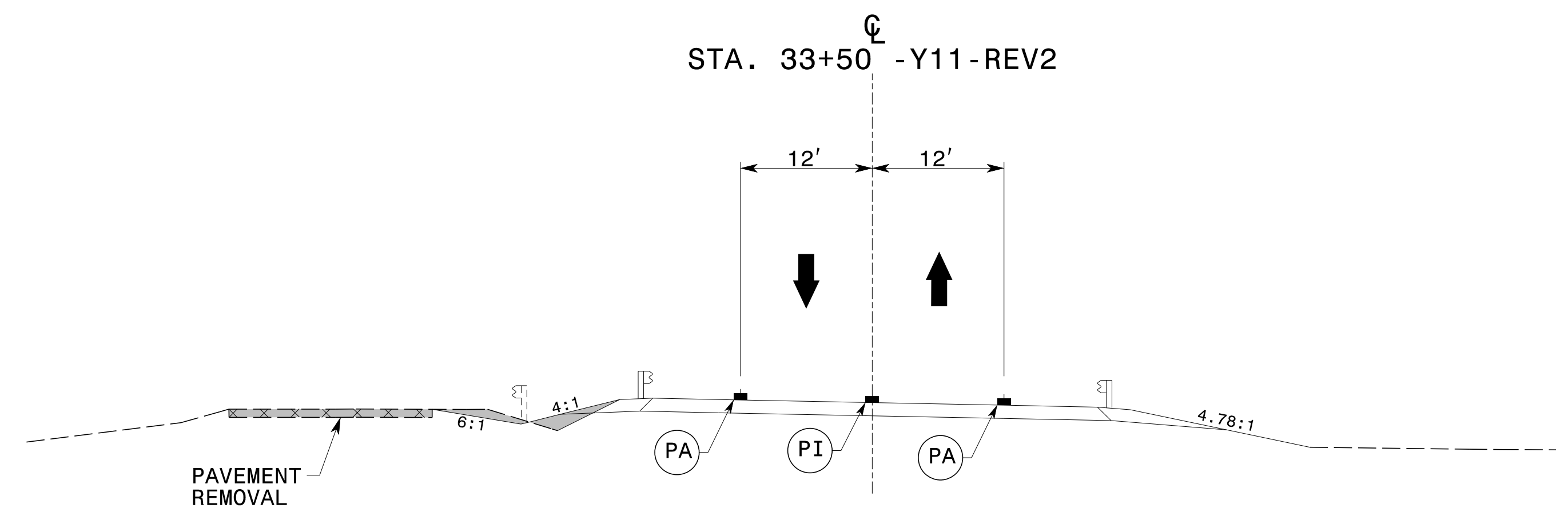
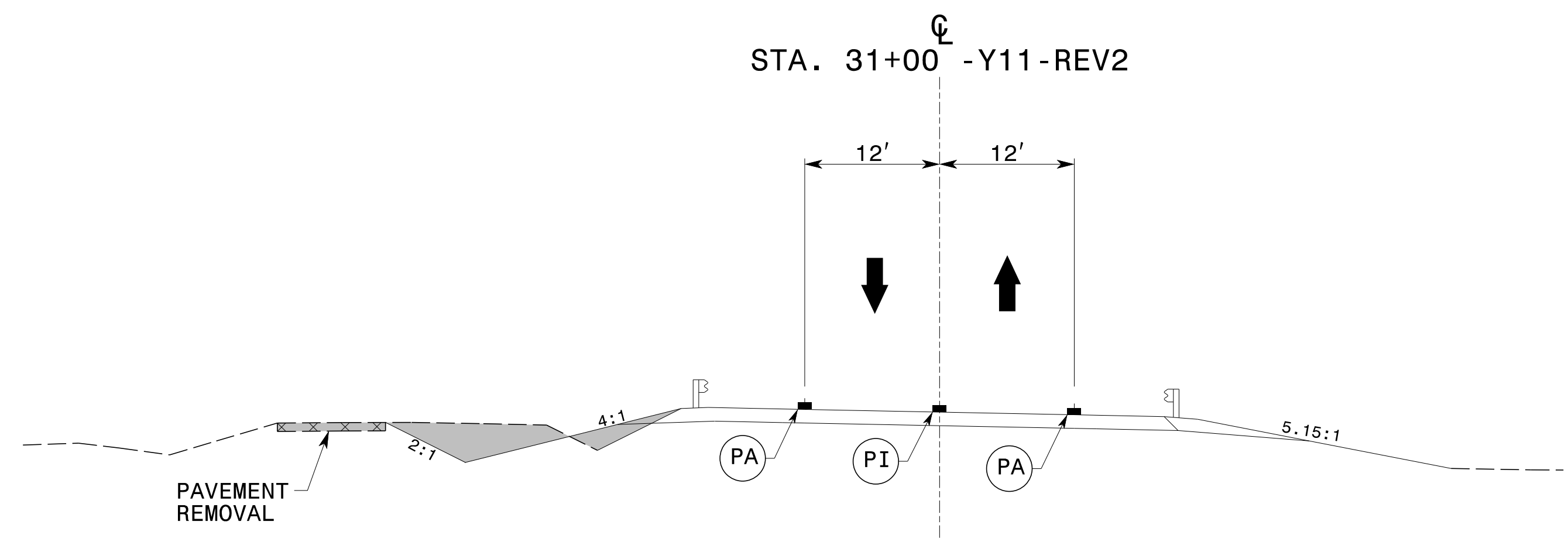
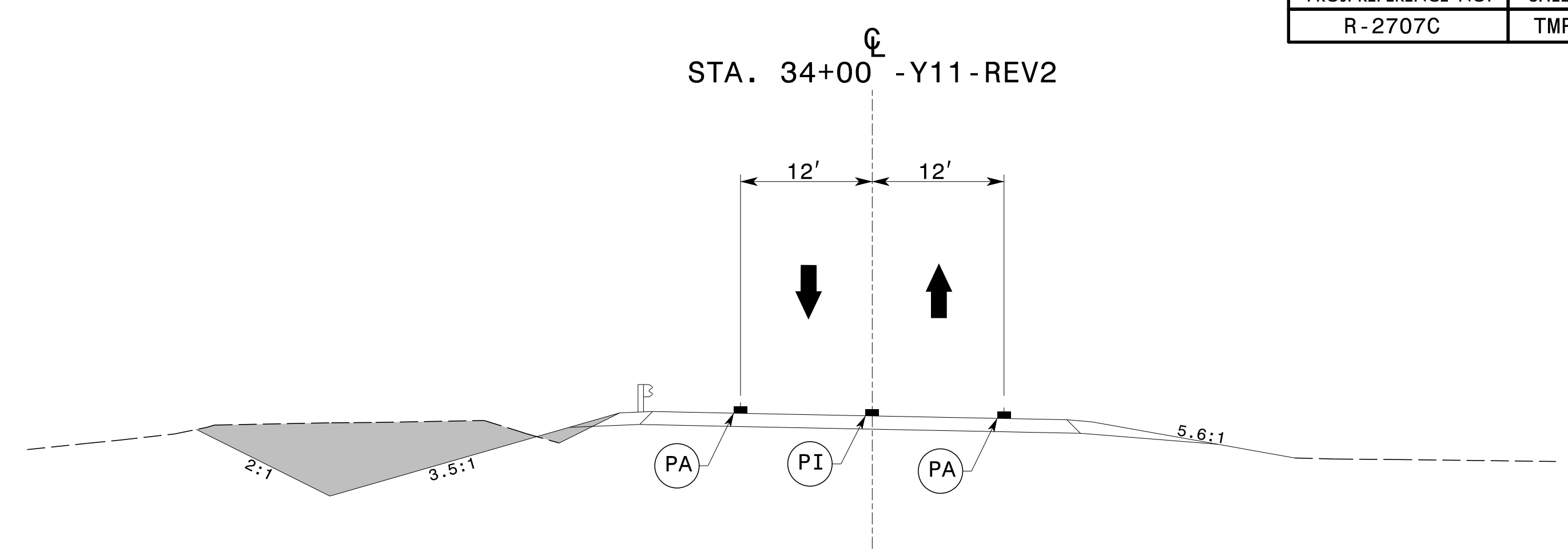
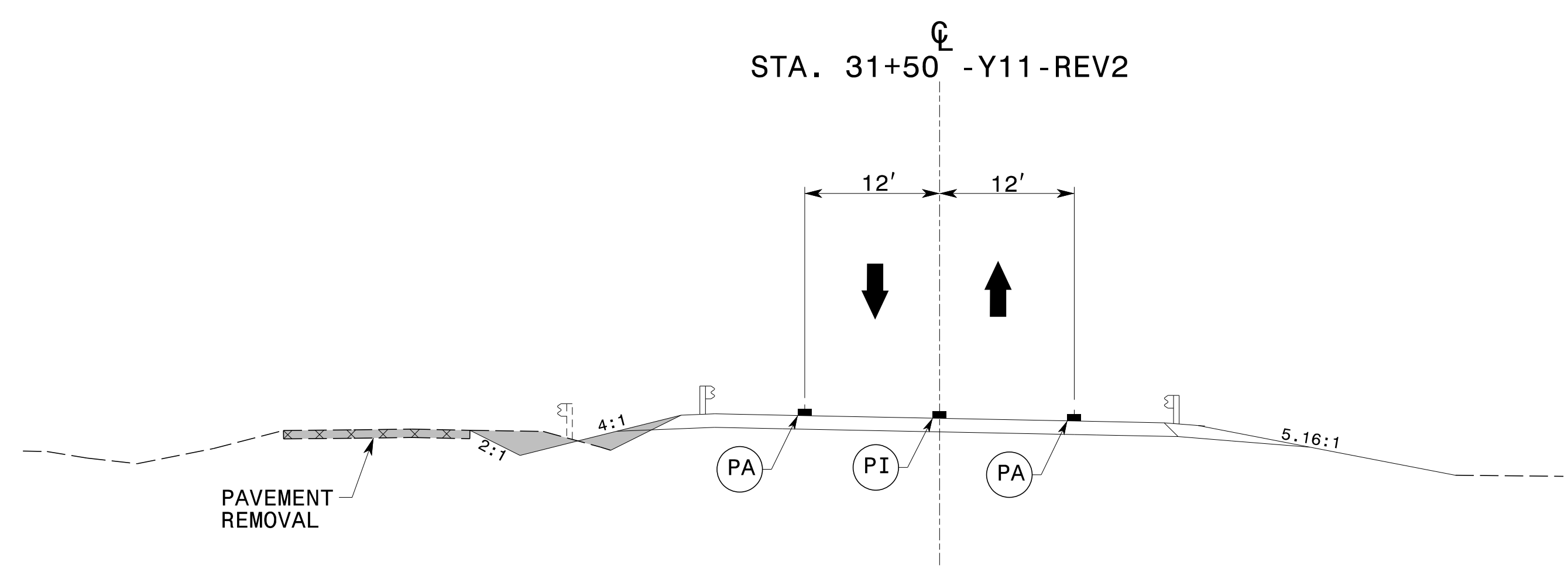
DATE: 2/16/2017

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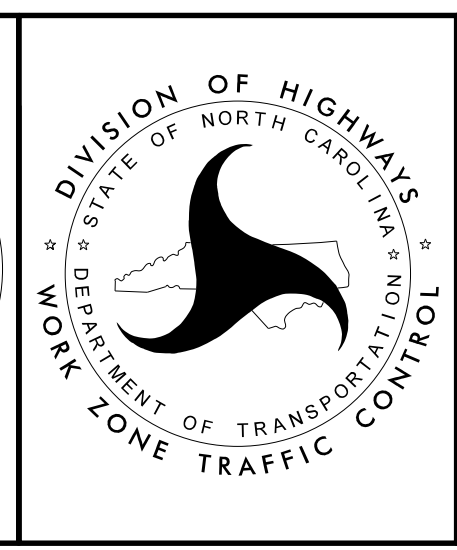
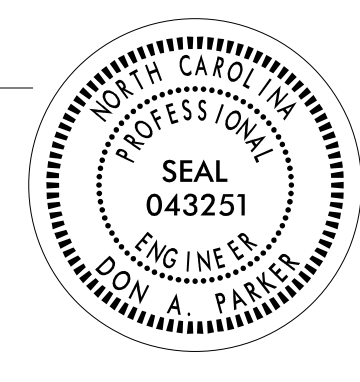
**SITE 6
PHASE II DETAILS
NORTH POST ROAD
NC 180
(-Y11-REV2 AND
-Y11A-)**

2/16/2017
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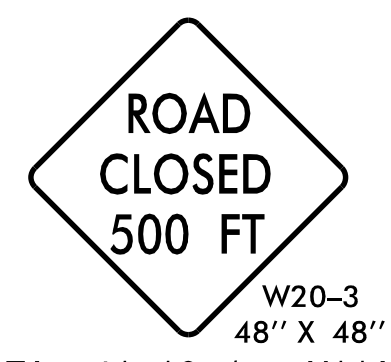


2/16/2017
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APPROVED: *Don A. Parker*
40482802618410...
 DATE: 2/16/2017

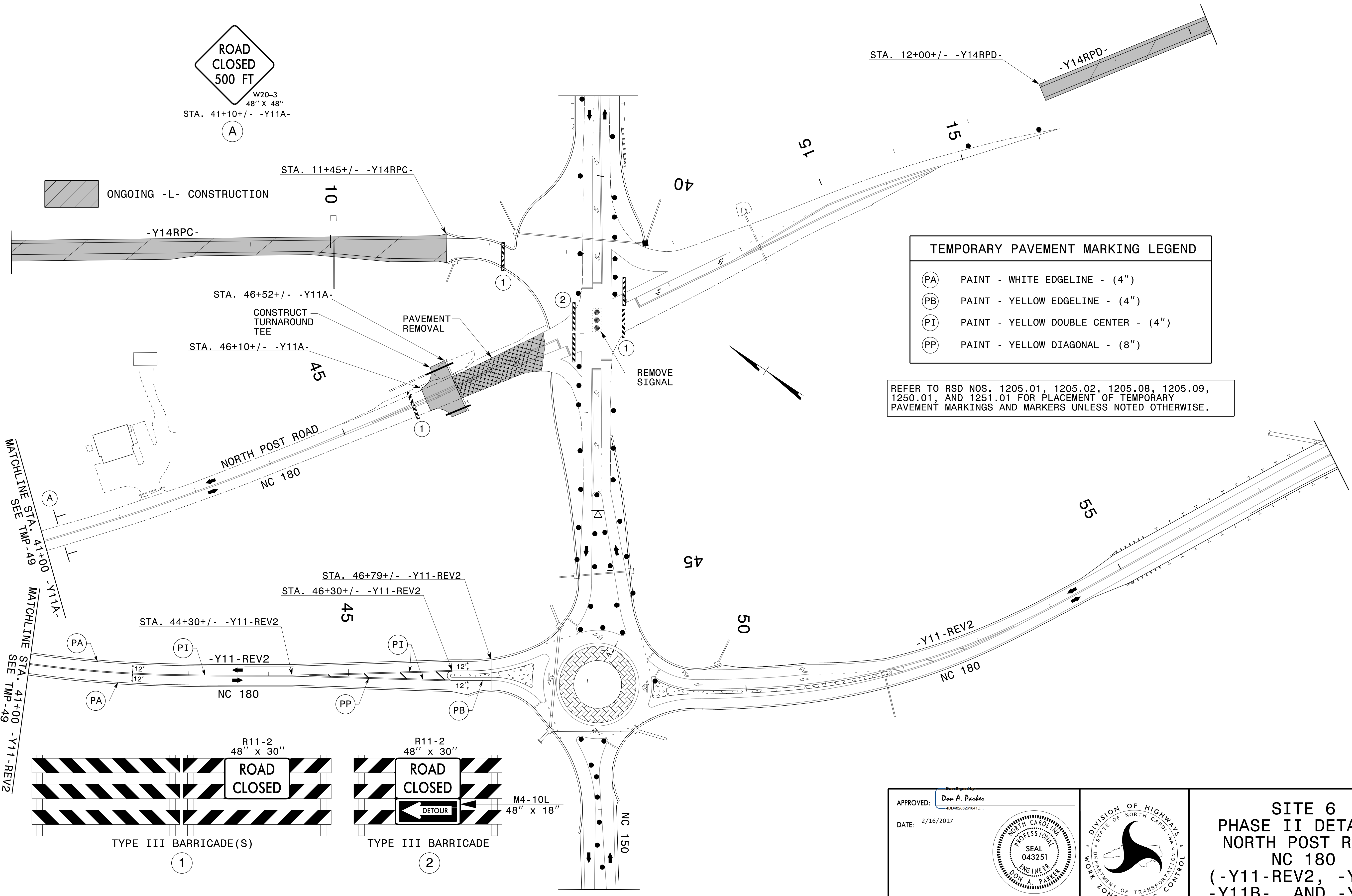


SITE 6
PHASE II
-Y11-REV2
CROSS-SECTIONS



STA. 41+10+/- -Y11A-
(A)

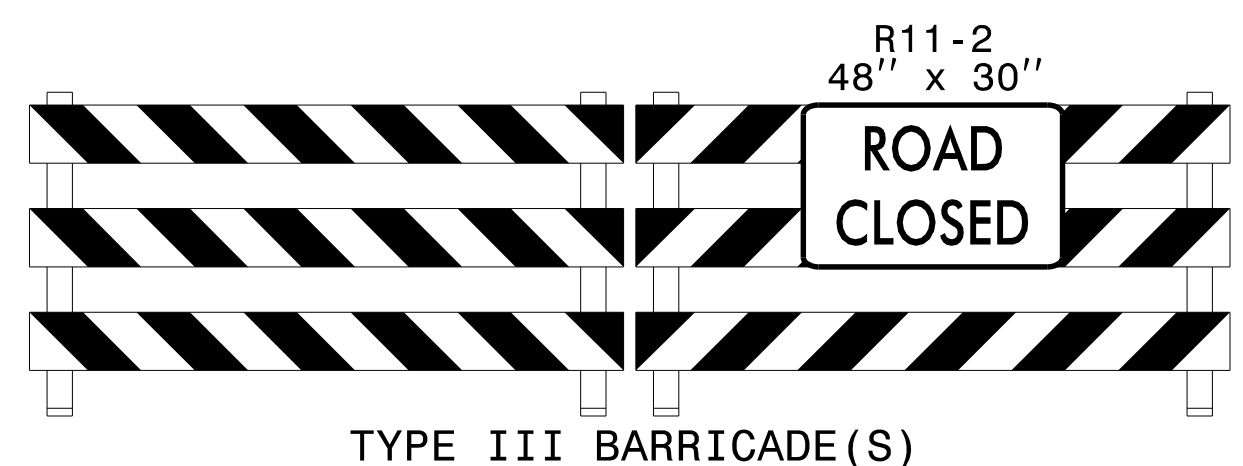
ONGOING -L- CONSTRUCTION



TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PB)	PAINT - YELLOW EDGELINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(PP)	PAINT - YELLOW DIAGONAL - (8")

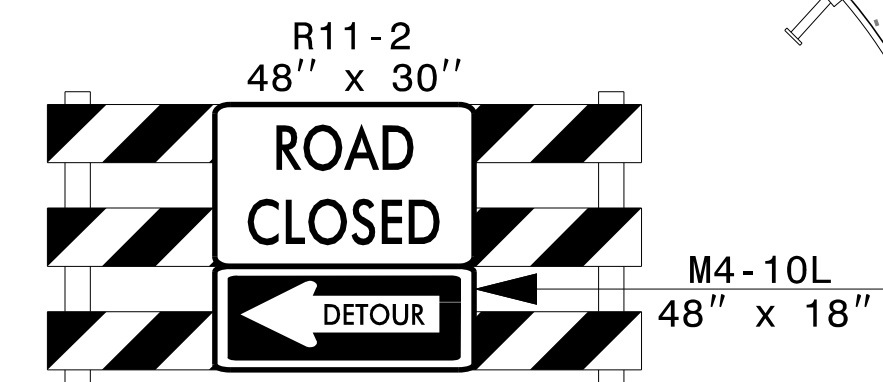
REFER TO RSD NOS. 1205.01, 1205.02, 1205.08, 1205.09, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

MATCHLINE STA. 41+00 -Y11A-
 MATCHLINE STA. 41+00 -Y11-REV2
 SEE TMP-49



TYPE III BARRICADE(S)

(1)



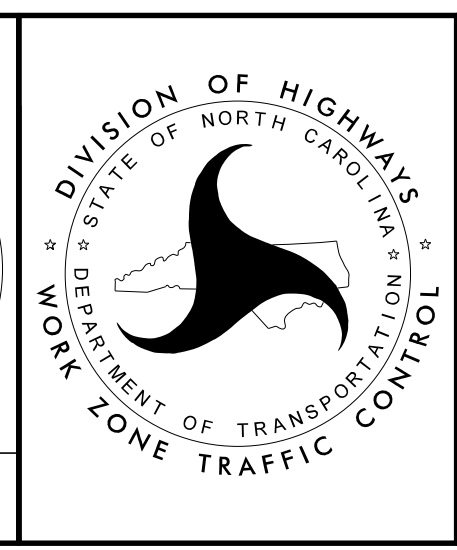
TYPE III BARRICADE

(2)

APPROVED: *Don A. Parker*
40042802619410...

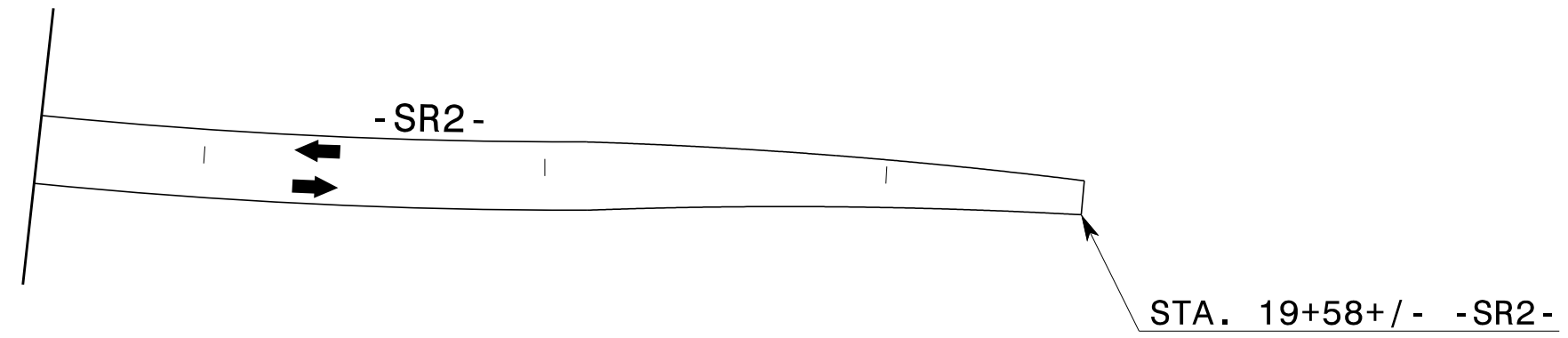
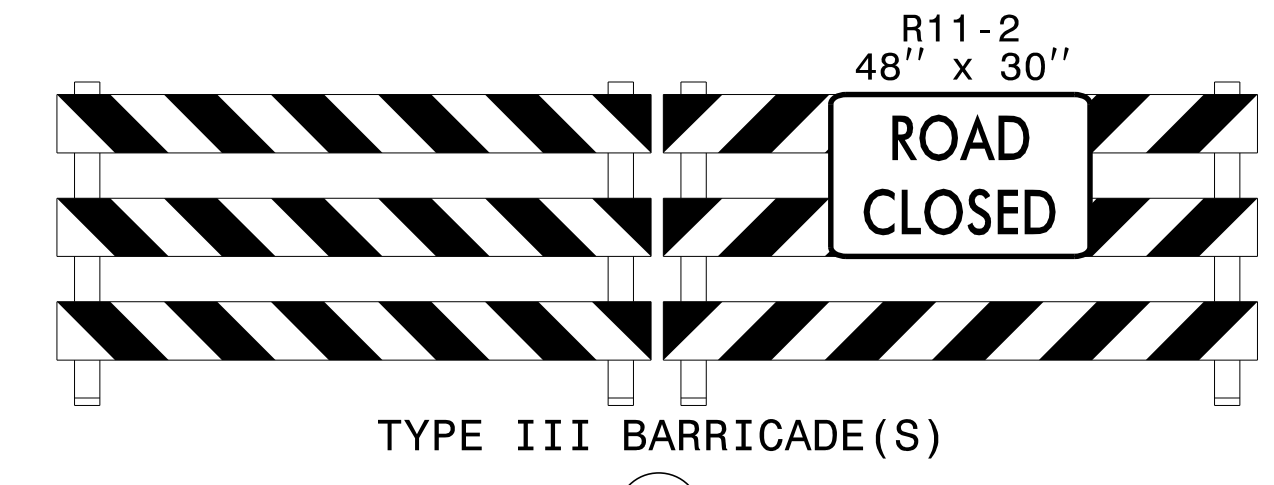
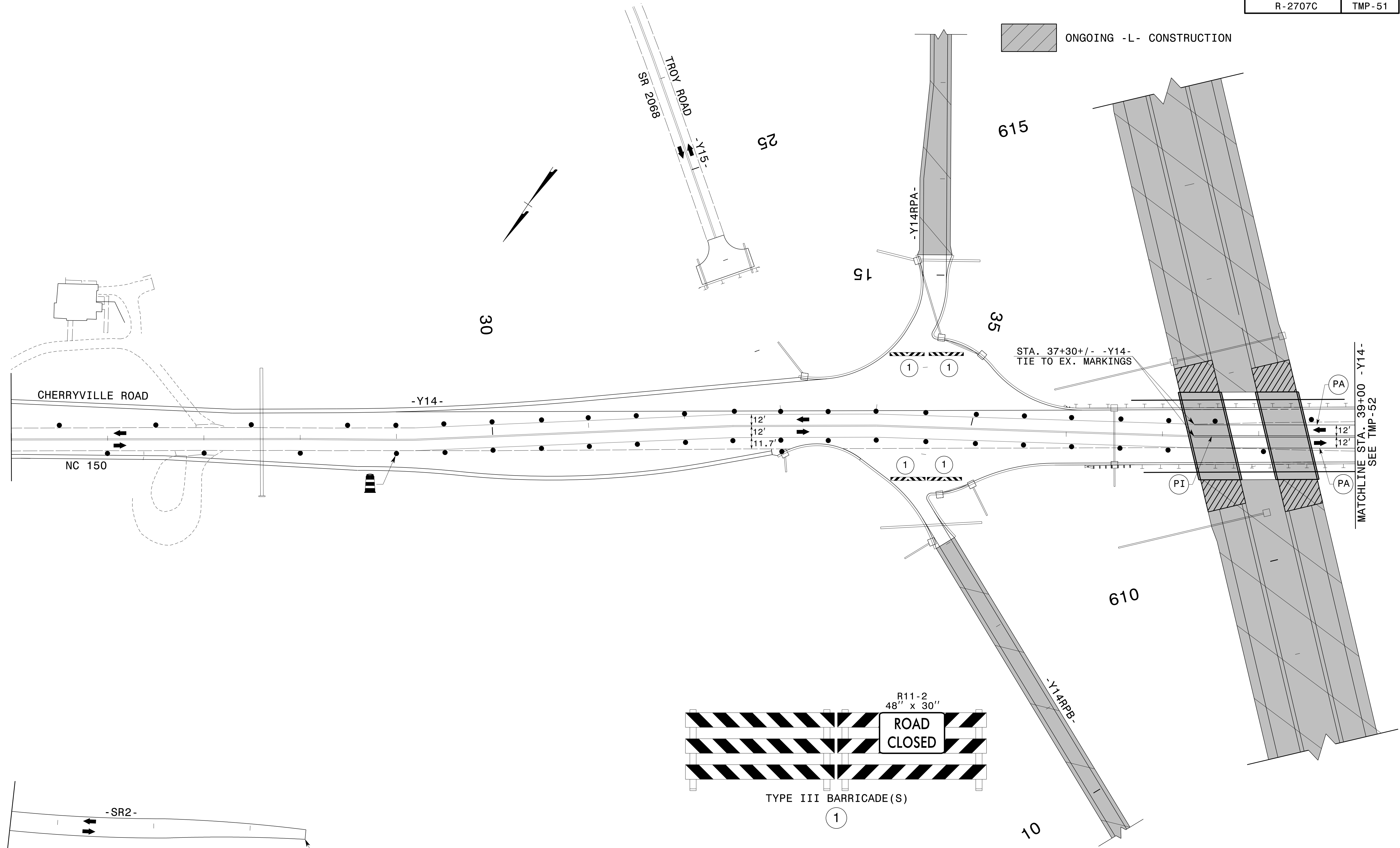
DATE: 2/16/2017

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SITE 6
PHASE II DETAILS
NORTH POST ROAD
NC 180
 (-Y11-REV2, -Y11A,
 -Y11B-, AND -Y14-)

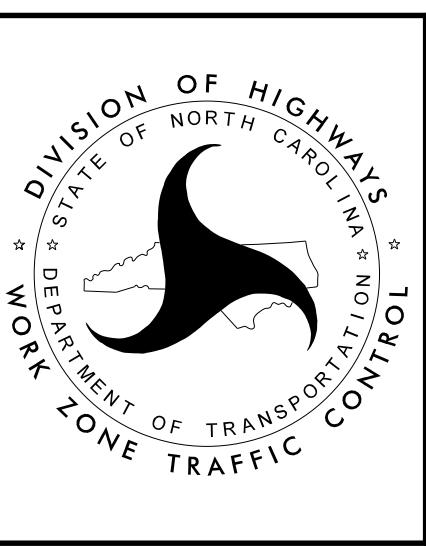
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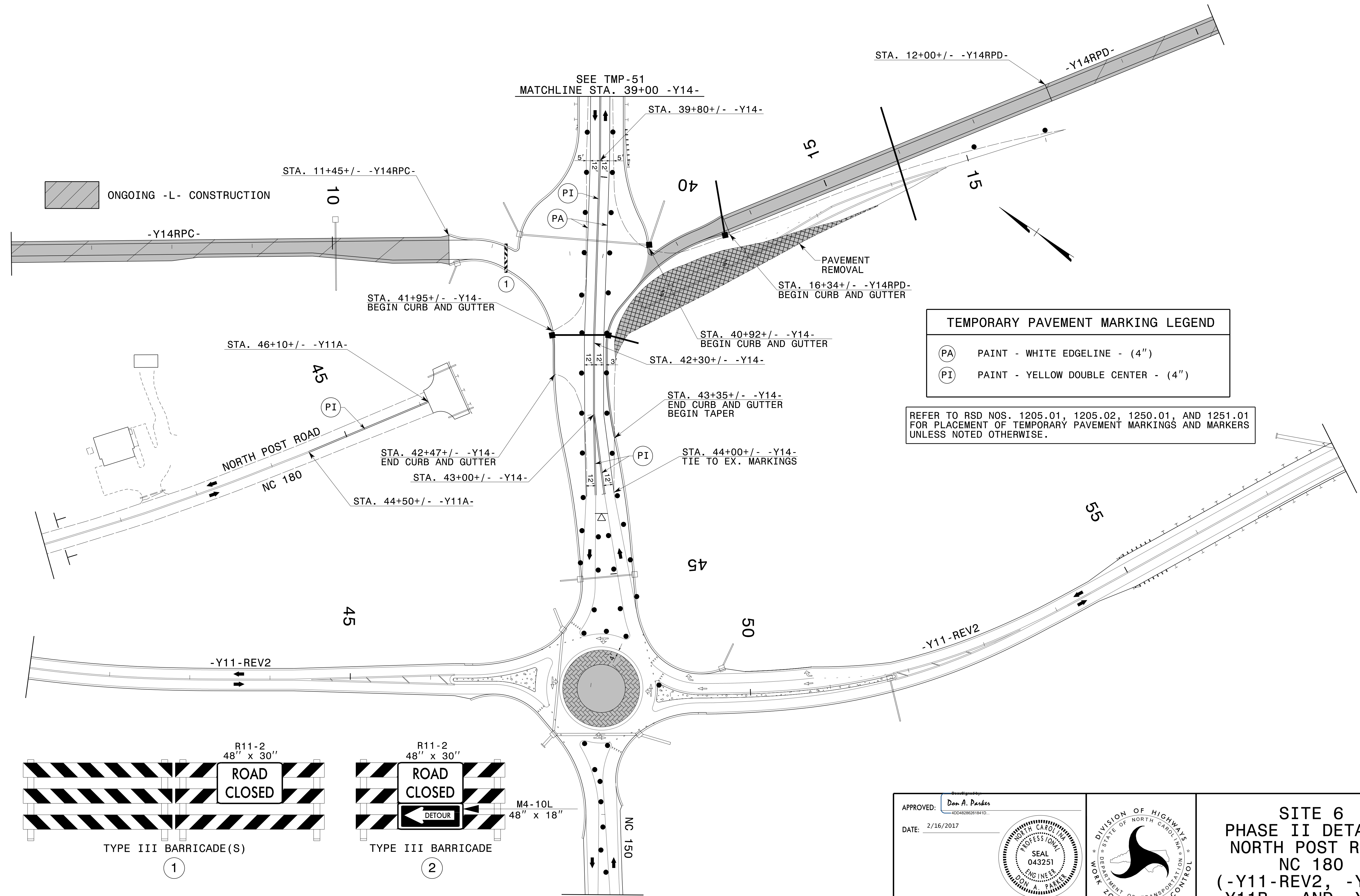
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APPROVED: *Don A. Parker*
 DATE: 2/16/2017

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UNLESS ALL SIGNATURES COMPLETED

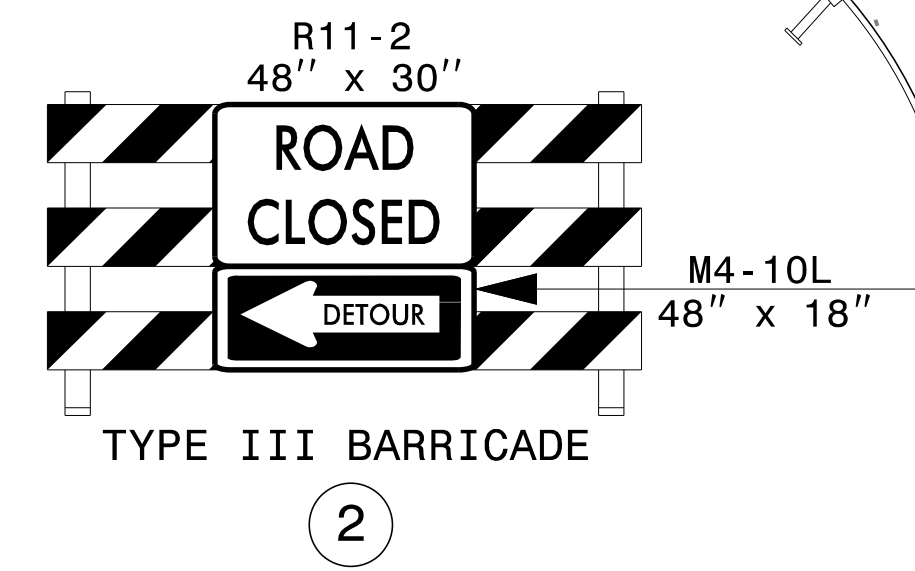
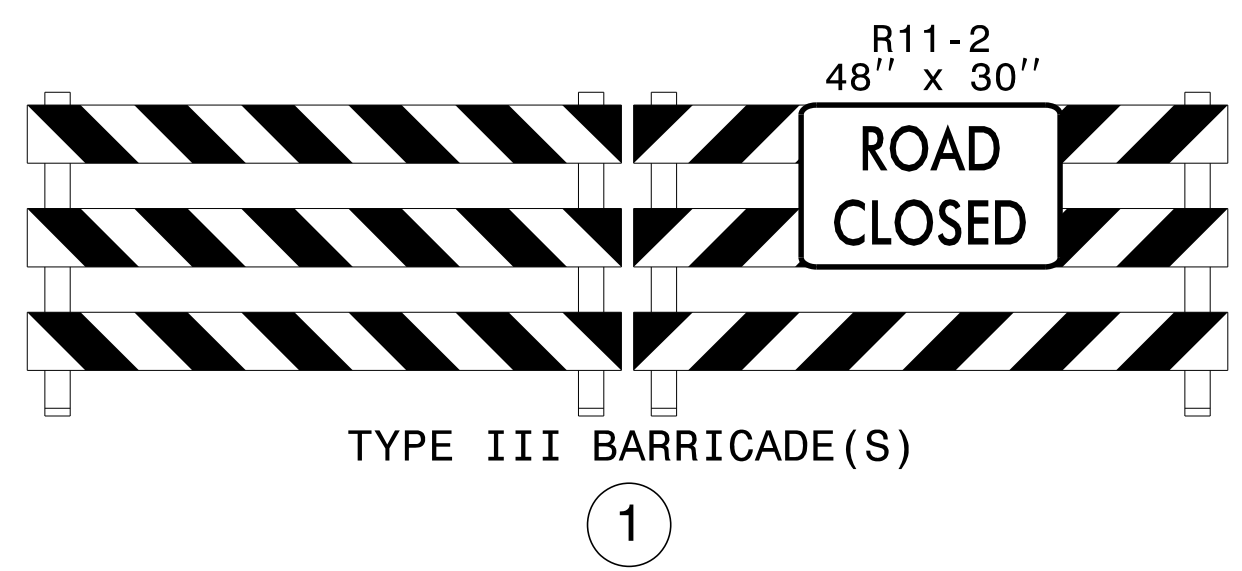


SITE 6
PHASE II DETAILS
CHERRYVILLE ROAD
NC 150
(-Y14- AND -Y15-)



TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")

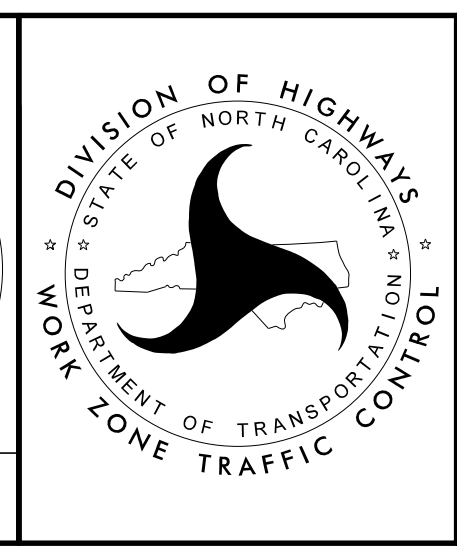
REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.



APPROVED: *Don A. Parker*
DATE: 2/16/2017

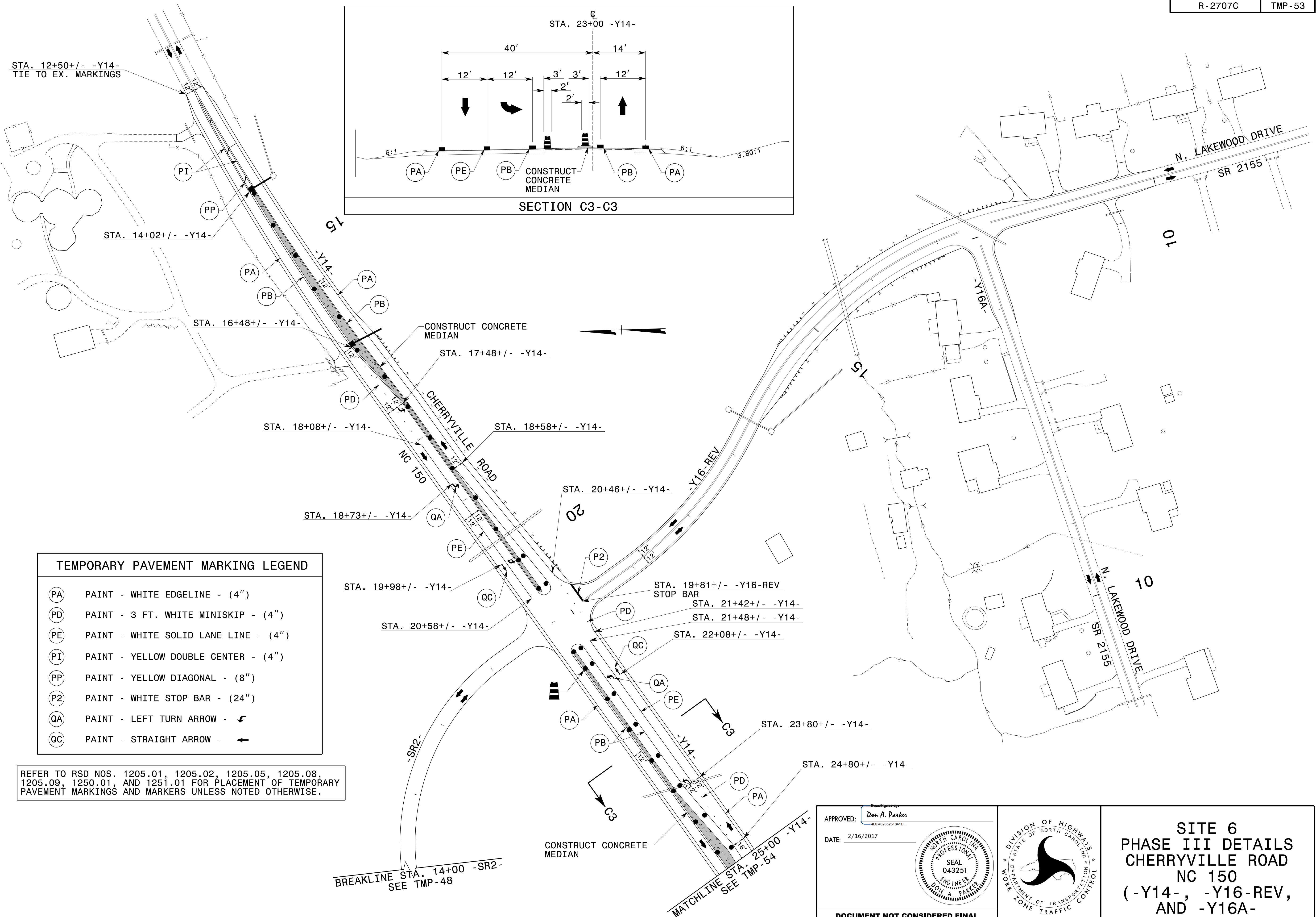
SEAL
043251
ENGINEER
DON A. PARKER

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**SITE 6
PHASE II DETAILS
NORTH POST ROAD
NC 180
(-Y11-REV2, -Y11A,
-Y11B-, AND -Y14-)**

2/16/2017
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User:scodts



TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PD)	PAINT - 3 FT. WHITE MINISKIP - (4")
(PE)	PAINT - WHITE SOLID LANE LINE - (4")
(PI)	PAINT - YELLOW DOUBLE CENTER - (4")
(PP)	PAINT - YELLOW DIAGONAL - (8")
(P2)	PAINT - WHITE STOP BAR - (24")
(QA)	PAINT - LEFT TURN ARROW - ↶
(QC)	PAINT - STRAIGHT ARROW - ↶

REFER TO RSD NOS. 1205.01, 1205.02, 1205.05, 1205.08, 1205.09, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

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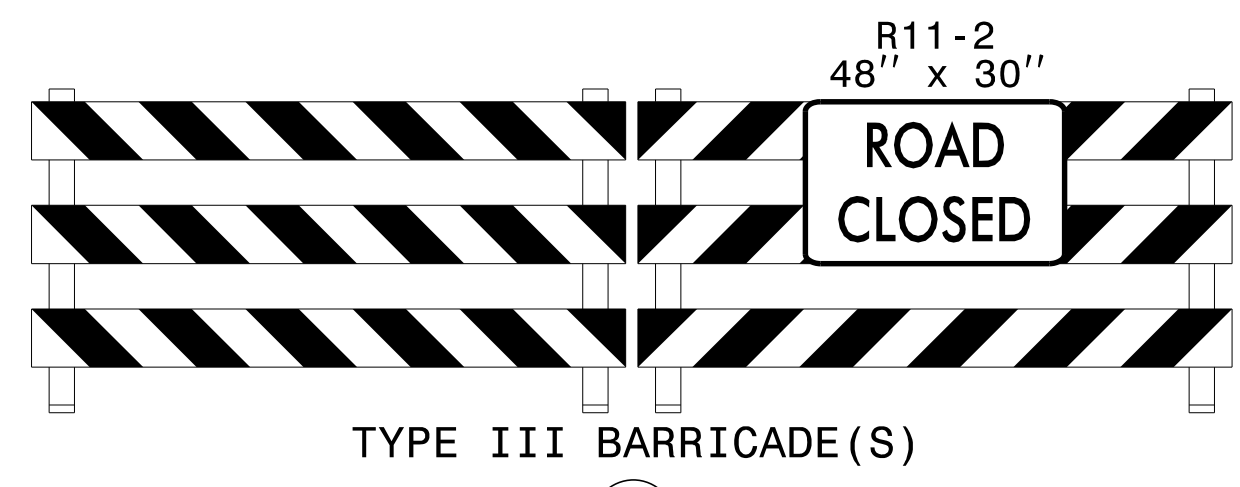
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DATE: 2/16/2017

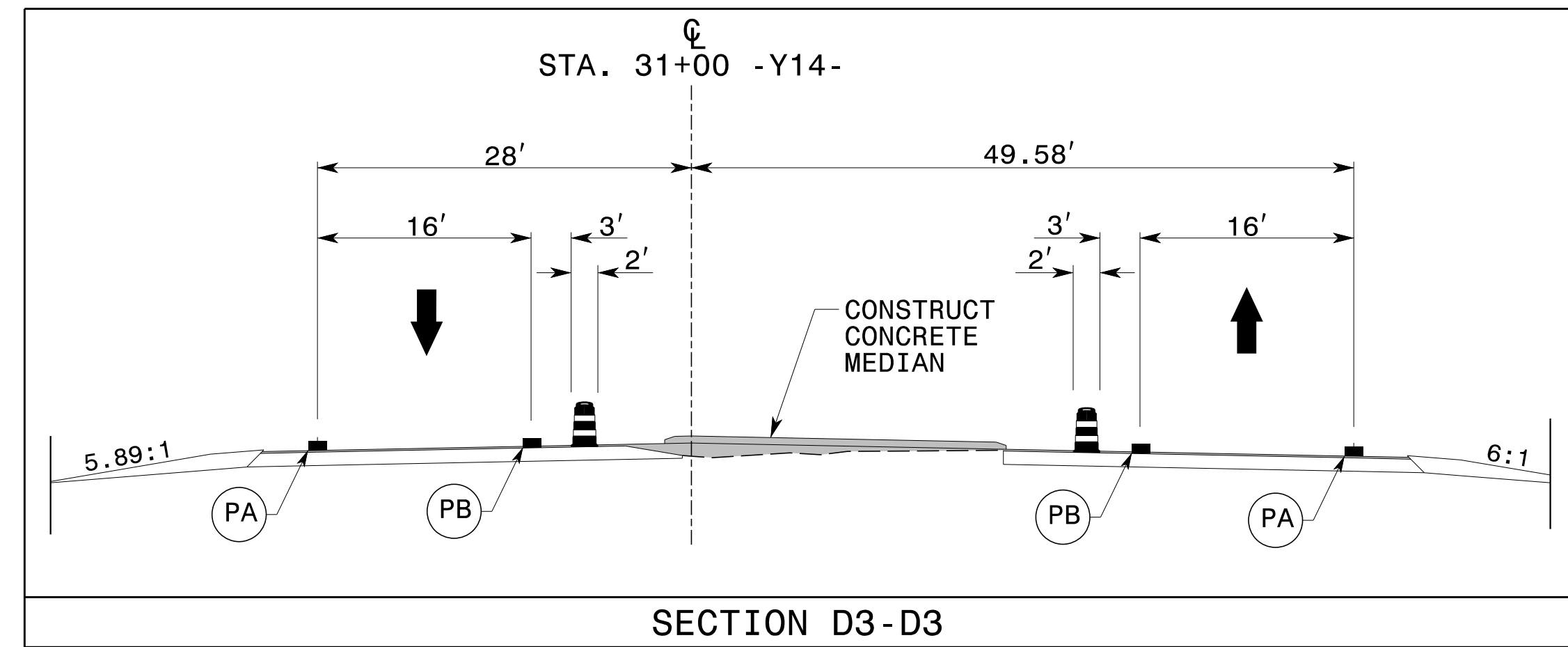
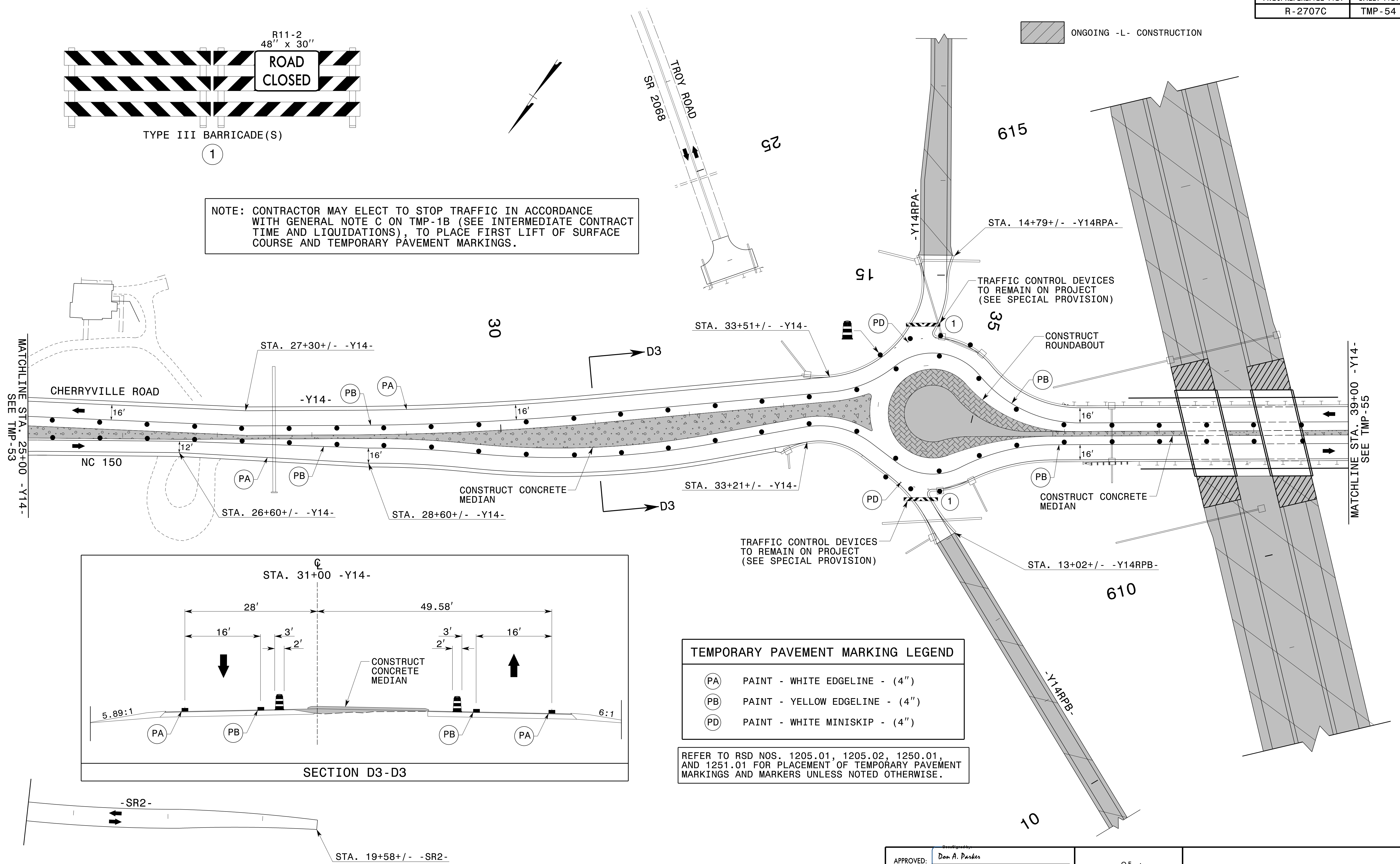
**DOCUMENT NOT CONSIDERED FINAL
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**SITE 6
PHASE III DETAILS
CHERRYVILLE ROAD
NC 150
(-Y14-, -Y16-REV,
AND -Y16A-**



NOTE: CONTRACTOR MAY ELECT TO STOP TRAFFIC IN ACCORDANCE WITH GENERAL NOTE C ON TMP-1B (SEE INTERMEDIATE CONTRACT TIME AND LIQUIDATIONS), TO PLACE FIRST LIFT OF SURFACE COURSE AND TEMPORARY PAVEMENT MARKINGS.



TEMPORARY PAVEMENT MARKING LEGEND	
(PA)	PAINT - WHITE EDGELINE - (4")
(PB)	PAINT - YELLOW EDGELINE - (4")
(PD)	PAINT - WHITE MINISKIP - (4")

REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.

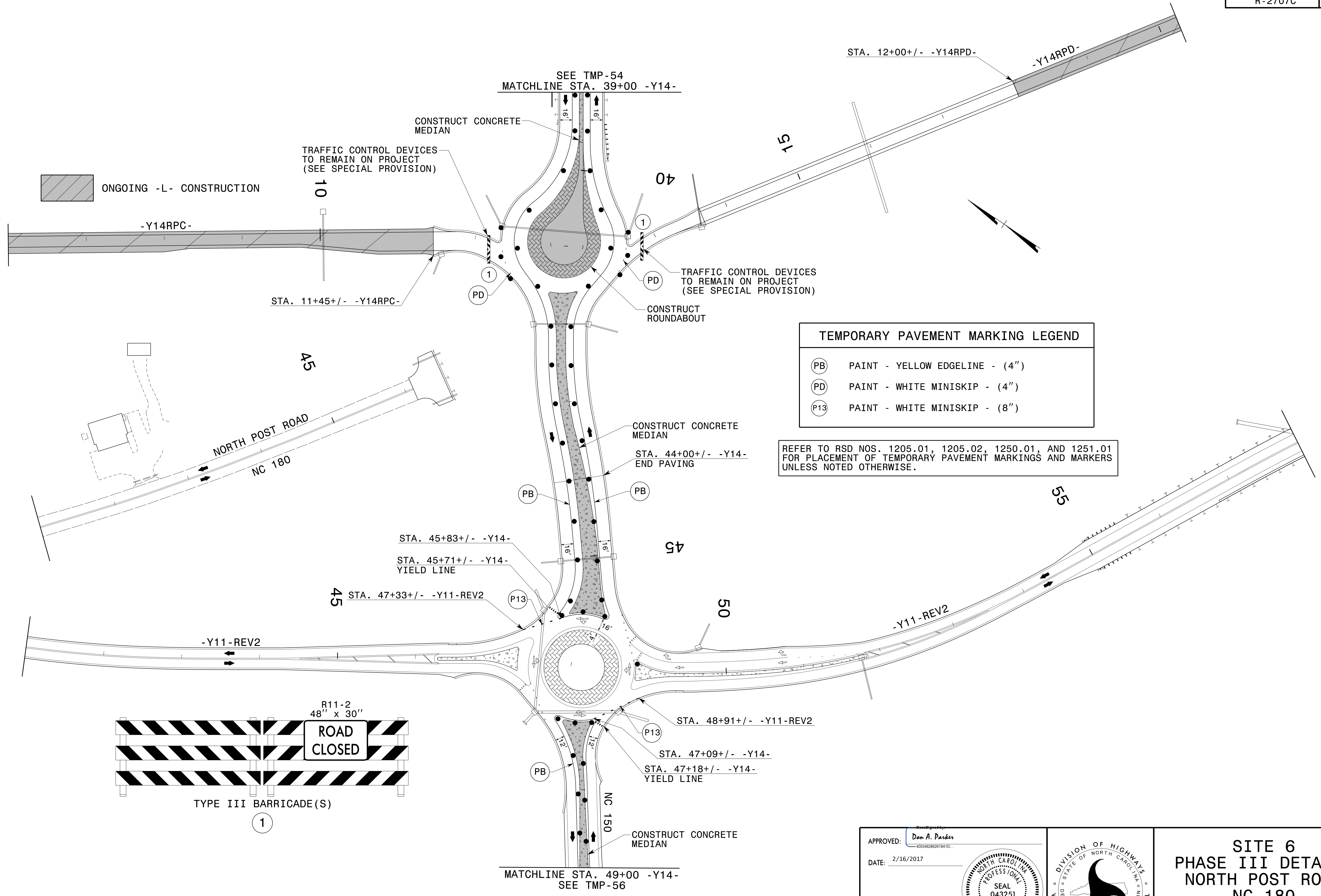
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APPROVED: *Don A. Parker*
DATE: 2/16/2017

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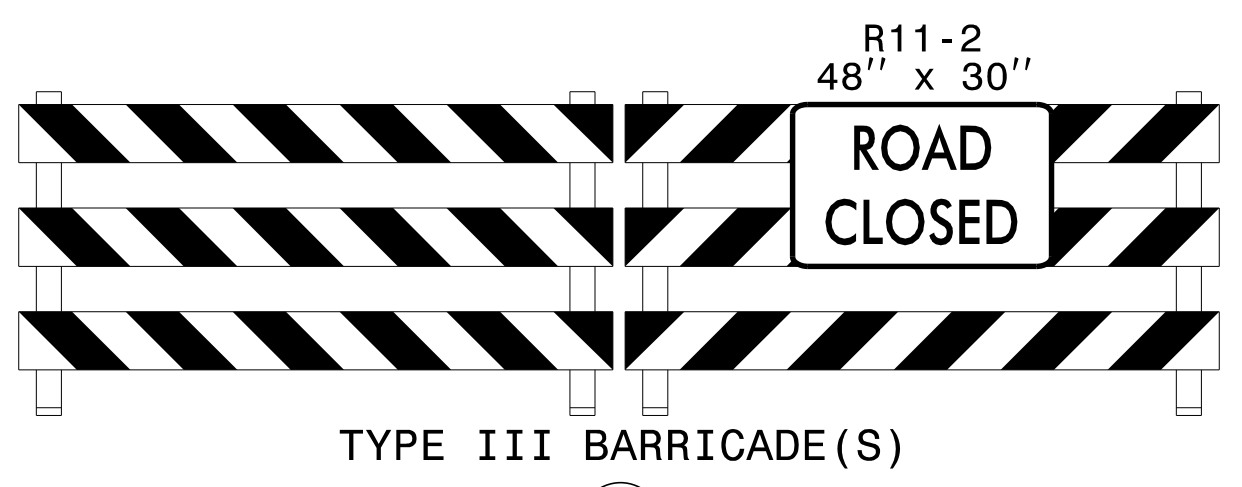
DIVISION OF HIGHWAYS
STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION
WORK ZONE TRAFFIC CONTROL

**SITE 6
PHASE III DETAILS
CHERRYVILLE ROAD
NC 150
(-Y14- AND -Y15-)**



TEMPORARY PAVEMENT MARKING LEGEND	
(PB)	PAINT - YELLOW EDGELINE - (4")
(PD)	PAINT - WHITE MINISKIP - (4")
(P13)	PAINT - WHITE MINISKIP - (8")

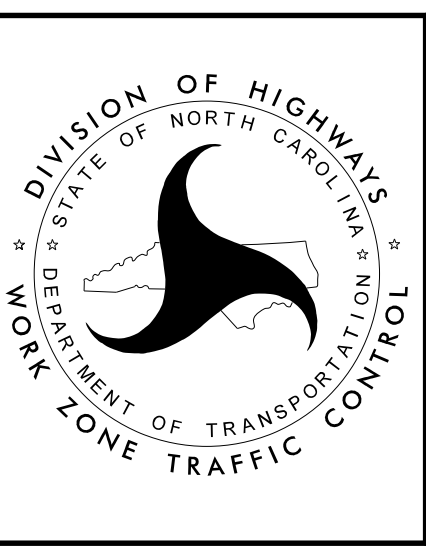
REFER TO RSD NOS. 1205.01, 1205.02, 1250.01, AND 1251.01 FOR PLACEMENT OF TEMPORARY PAVEMENT MARKINGS AND MARKERS UNLESS NOTED OTHERWISE.



APPROVED: *Don A. Parker*
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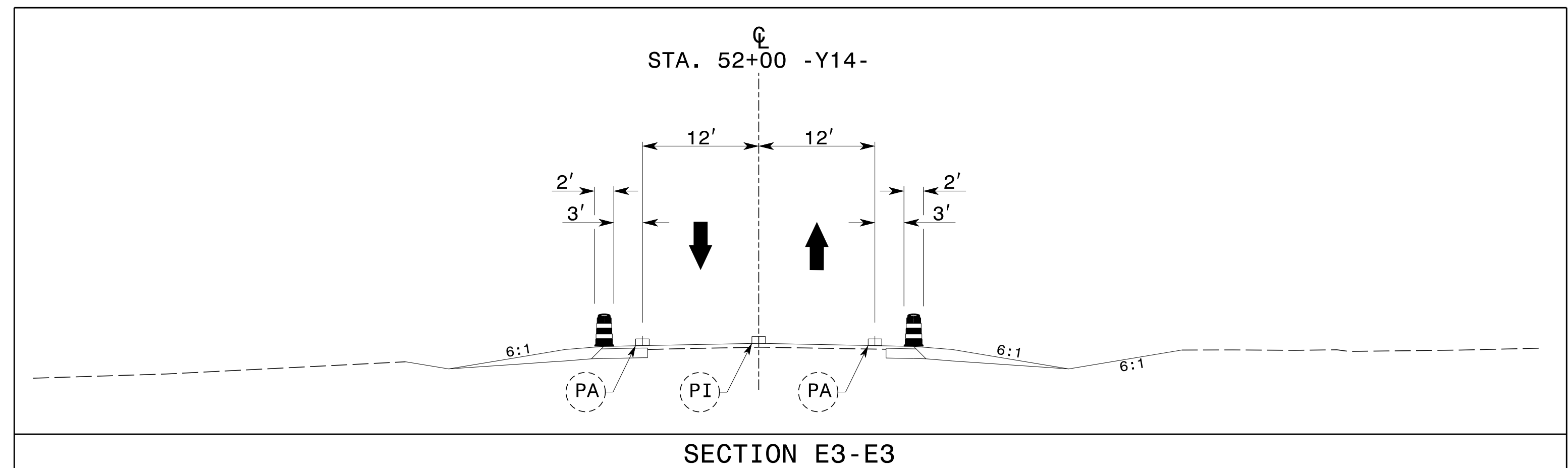
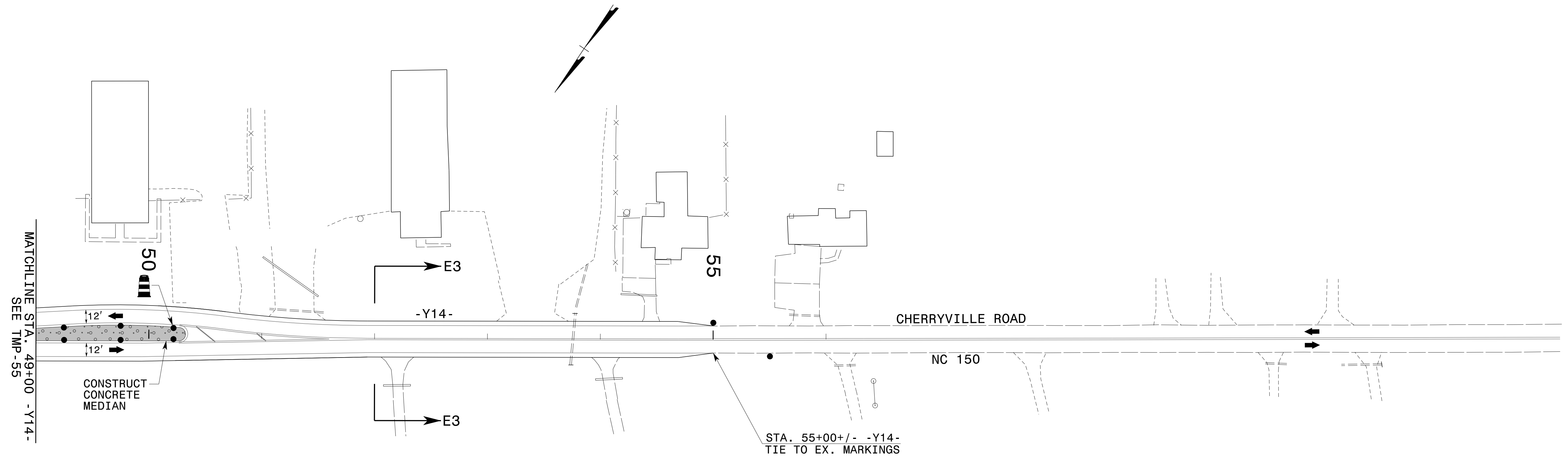
DATE: 2/16/2017

**DOCUMENT NOT CONSIDERED FINAL
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**SITE 6
 PHASE III DETAILS
 NORTH POST ROAD
 NC 180
 (-Y11-REV2, -Y11A,
 -Y11B-, AND -Y14-)**

2/16/2017
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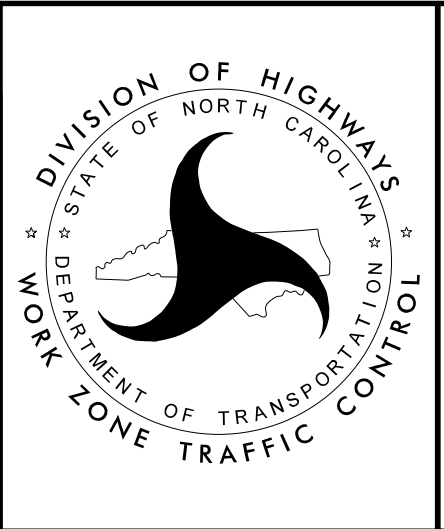


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 User:scodts

APPROVED: *Don A. Parker*
40482802618410...

DATE: 2/16/2017

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



SITE 6
PHASE III DETAILS
CHERRYVILLE ROAD
NC 150
(-Y14-)