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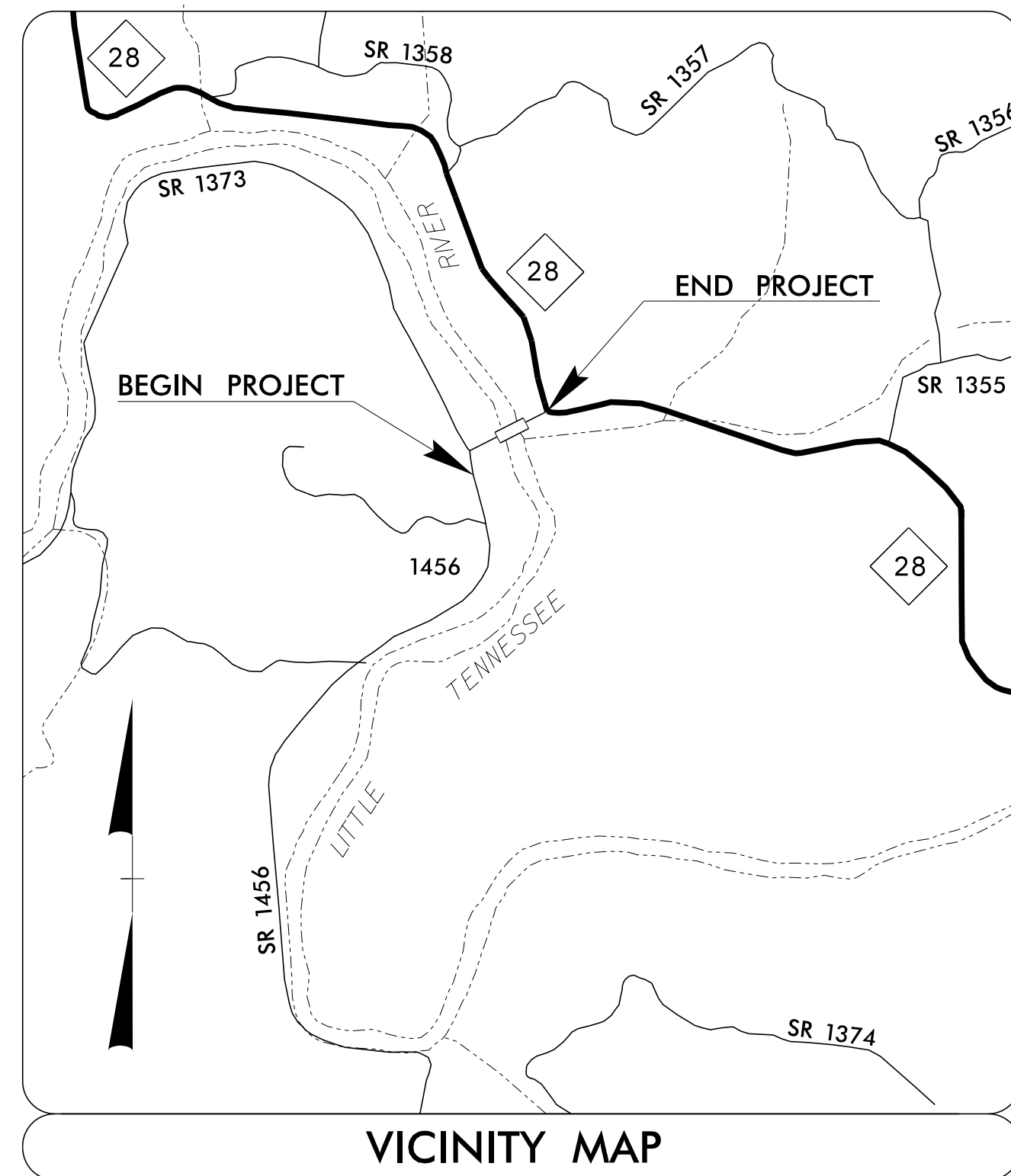
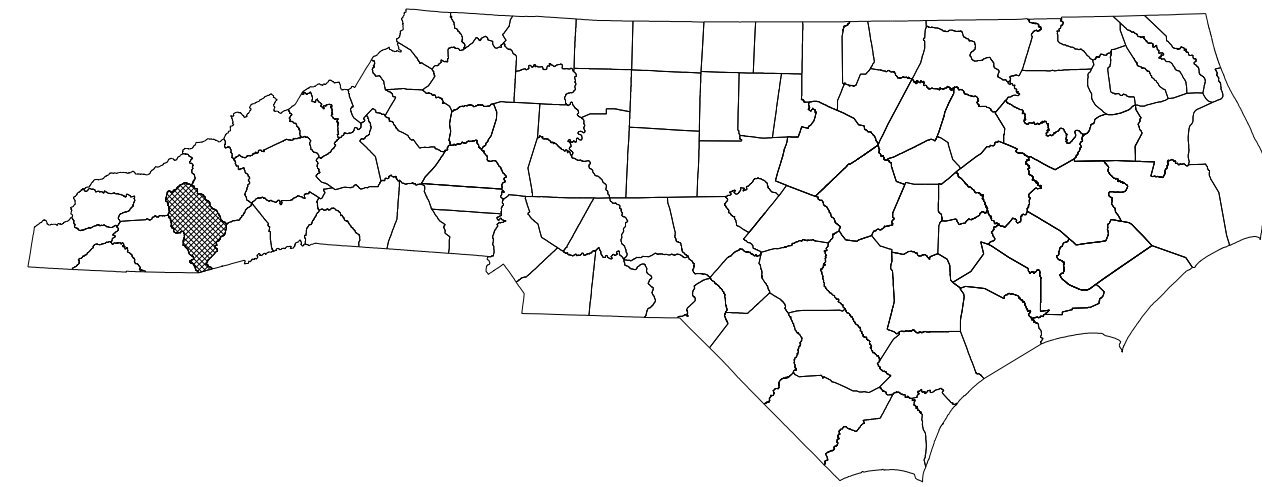
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STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

MACON COUNTY



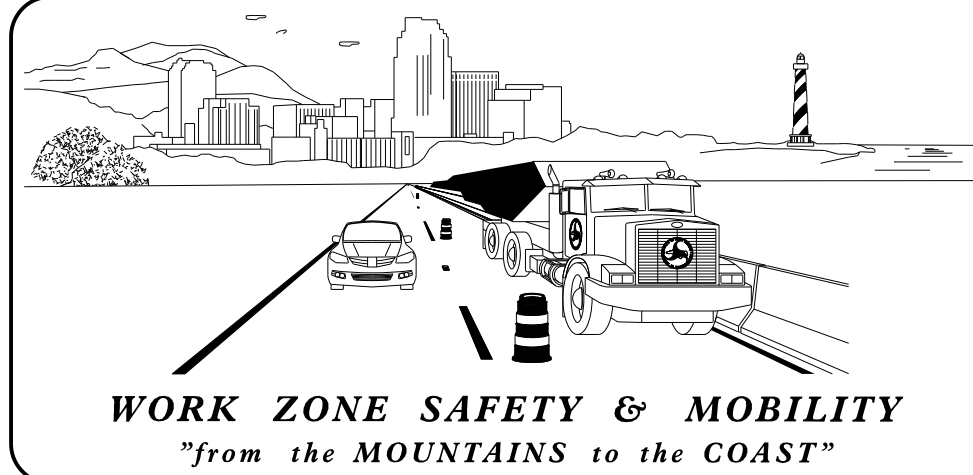
SHEET NO.	TITLE
TMP-1	TITLE SHEET, VICINITY MAP AND INDEX OF SHEETS
TMP-1A	LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND
TMP-1B	TRANSPORTATION OPERATIONS PLAN: (MANAGEMENT STRATEGIES, GENERAL NOTES AND LOCAL NOTES)
TMP-2	SPECIAL SIGN DESIGN
TMP-3	TEMPORARY TRAFFIC CONTROL PHASING
TMP-4-5	PHASE I
TMP-6	PHASE II
TMP-7-8	PHASE III
TMP-9-10	PHASE IV
TMP-11	OFF-SITE DETOUR

SHEET NO.
TMP-1

B-3868

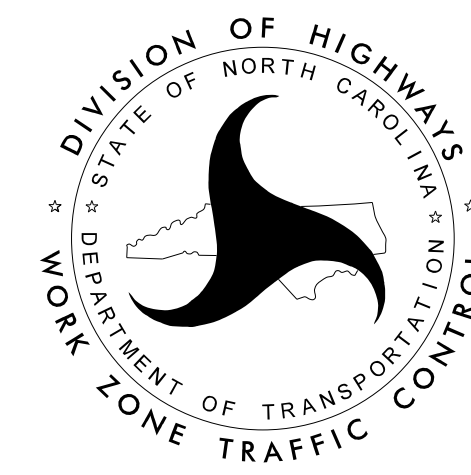
TIP PROJECT:

7/29/2015
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User:shassan



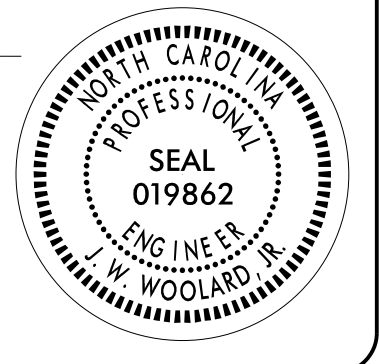
N.C.D.O.T. WORK ZONE TRAFFIC CONTROL
1561 MAIL SERVICE CENTER (MSC) RALEIGH, NC 27699-1561
750 N. GREENFIELD PARKWAY, GARNER, NC 27529 (DELIVERY)
PHONE: (919) 773-2800 FAX: (919) 771-2745

J. S. BOURNE, P.E. STATE TRAFFIC MANAGEMENT ENGINEER
J. W. WOOLARD, P.E. TRAFFIC CONTROL PROJECT ENGINEER
R. M. GARRETT TRAFFIC CONTROL PROJECT DESIGN ENGINEER
S. HASSAN, P.E. TRAFFIC CONTROL DESIGN ENGINEER



APPROVED: *J. W. Woolard, Jr.*
DATE: 7/29/2015

SEAL



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	DRUMS
1135.01	CONES
1145.01	BARRICADES
1150.01	FLAGGING DEVICES
1165.01	WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION
1170.01	PORTABLE CONCRETE BARRIER
1180.01	SKINNY - DRUM
1205.01	PAVEMENT MARKINGS - LINE TYPES AND OFFSETS
1205.02	PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS
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
- CONSTRUCTION UNDER TRAFFIC
- TEMPORARY PAVEMENT

SIGNALS

- EXISTING
- PORTABLE
- DRIVEWAY

PAVEMENT MARKINGS

- EXISTING LINES
- TEMPORARY LINES

TRAFFIC CONTROL DEVICES

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

TEMPORARY SIGNING

- PORTABLE SIGN
- STATIONARY SIGN
- STATIONARY OR PORTABLE SIGN

PAVEMENT MARKERS

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

PAVEMENT MARKING SYMBOLS

- PAVEMENT MARKING SYMBOLS

TEMPORARY PAVEMENT MARKING

	PAINT (4")
PA	WHITE EDGELINE
PI	YELLOW DOUBLE CENTER
P8	2'-6"/SP WHITE MINI-SKIP
	PAINT (24")
P2	WHITE STOP BAR

9/2/2015
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 User:shanson

APPROVED: <small>B79C18E8AD84427</small>			ROADWAY STANDARD DRAWINGS & LEGEND
DATE: 9/3/2015 SEAL			

MANAGEMENT STRATEGIES

THE FOLLOWING LISTED STRATEGIES DERIVE FROM DETAILED DESIGN LEVEL ASSESSMENTS OF THE WORK ZONE IMPACTS CONDUCTED DURING THE DEVELOPMENTAL STAGES OF THIS TRANSPORTATION MANAGEMENT PLAN (TMP).

RECOMMENDED MANAGEMENT STRATEGIES RELATIVE TO THIS TMP ARE AS FOLLOWS:

-ONE-LANE, TWO-WAY TRAFFIC PATTERN

THE TIE-IN CONSTRUCTION, TEMPORARY PAVEMENT CONSTRUCTION TRAFFIC SHIFTS, PLACEMENT OF WEDGING AND FINAL SURFACE COURSE AND PAVEMENT MARKINGS WILL BE PERFORMED BY USING FLAGGER OPERATIONS.

NC 28 TRAFFIC WILL BE PLACED ON TEMPORARY SIGNALIZED ONE-LANE, TWO-WAY PATTERNS TO CONSTRUCT TIE-INS TO PROPOSED ROADWAY.

SR 1456 AND SR 1373 WILL BE PLACED IN A TEMPORARY UNSIGNALIZED ONE-LANE, TWO-WAY PATTERN TO CONSTRUCT PROPOSED ROADWAYS AND TIE-INS.

-FULL ROAD CLOSURE

TRAFFIC TO BE MAINTAINED ON THE FOLLOWING OFF-SITE DETOUR ROUTE FOR THE CONSTRUCTION OF SR 1456 TIE-INS:

- NC 28
- SR 1378 (BENNETT RD)

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 STOP TRAFFIC AS FOLLOWS:

ROAD NAME	DAY AND TIME RESTRICTIONS	DURATION AND OPERATION
NC 28	7:00 AM - 8:30 AM 2:30 PM - 5:30 PM	30 MINUTES ROCK BLASTING

LANE AND SHOULDER CLOSURE REQUIREMENTS

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

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

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

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

GENERAL NOTES CONTINUED

LANE AND SHOULDER CLOSURE REQUIREMENTS (CONTINUED)

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

F) DO NOT WORK SIMULTANEOUSLY WITHIN 15 FT ON BOTH SIDES OF AN OPEN TRAVELWAY, RAMP, OR LOOP WITHIN THE SAME LOCATION UNLESS PROTECTED WITH GUARDRAIL OR BARRIER.

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

PAVEMENT EDGE DROP OFF REQUIREMENTS

H) BACKFILL AT A 6:1 SLOPE UP TO THE EDGE AND ELEVATION OF EXISTING PAVEMENT IN AREAS ADJACENT TO AN OPENED TRAVEL LANE THAT HAS 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.

I) DO NOT EXCEED A DIFFERENCE OF 2 INCHES IN ELEVATION BETWEEN OPEN LANES OF TRAFFIC FOR NOMINAL LIFTS OF 1.5 INCHES. INSTALL ADVANCE WARNING "UNEVEN LANES" SIGNS (W8-11) 200 FT IN ADVANCE AND A MINIMUM OF EVERY HALF MILE THROUGHOUT THE UNEVEN AREA.

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

K) INSTALL ADVANCE WORK ZONE WARNING SIGNS WHEN WORK IS WITHIN 40 FT FROM THE EDGE OF TRAVEL LANE AND NO MORE THAN THREE (3) DAYS PRIOR TO THE BEGINNING OF CONSTRUCTION.

L) PROVIDE SIGNING AND DEVICES REQUIRED TO CLOSE THE ROAD ACCORDING TO THE ROADWAY STANDARD DRAWINGS AND TRAFFIC CONTROL PLANS.

PROVIDE SIGNING REQUIRED FOR THE OFF-SITE DETOUR ROUTE AS SHOWN IN THE TRAFFIC CONTROL PLANS.

M) COVER OR REMOVE ALL SIGNS AND DEVICES REQUIRED TO CLOSE THE ROAD WHEN ROAD CLOSURE IS NOT IN OPERATION.

COVER OR REMOVE ALL SIGNS REQUIRED FOR THE OFF-SITE DETOUR WHEN THE DETOUR IS NOT IN OPERATION.

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

O) INSTALL BLACK ON ORANGE "DIP" SIGNS (W8-2) AND/OR "BUMP" SIGNS (W8-1) 200 FT IN ADVANCE OF THE UNEVEN AREA, OR AS DIRECTED BY THE ENGINEER.

GENERAL NOTES CONTINUED

TRAFFIC BARRIER

P) INSTALL TEMPORARY BARRIER ACCORDING TO THE TRAFFIC CONTROL PLANS A MAXIMUM OF TWO (2) WEEKS PRIOR TO BEGINNING WORK IN ANY LOCATION. ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION PROCEED IN A CONTINUOUS MANNER TO COMPLETE THE PROPOSED WORK IN THAT LOCATION UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS OR AS DIRECTED BY THE ENGINEER.

DO NOT PLACE BARRIER DIRECTLY ON ANY SURFACE OTHER THAN ASPHALT OR CONCRETE.

ONCE TEMPORARY BARRIER IS INSTALLED AT ANY LOCATION AND NO WORK IS PERFORMED BEHIND THE TEMPORARY BARRIER FOR A PERIOD LONGER THAN TWO (2) MONTHS, REMOVE/RESET TEMPORARY BARRIER AT NO COST TO THE DEPARTMENT UNLESS OTHERWISE STATED IN THE TRAFFIC CONTROL PLANS, TEMPORARY BARRIER IS PROTECTING A HAZARD, OR AS DIRECTED BY THE ENGINEER.

INSTALL TEMPORARY BARRIER WITH THE TRAFFIC FLOW BEGINNING WITH THE UPSTREAM SIDE OF TRAFFIC. REMOVE TEMPORARY BARRIER AGAINST THE TRAFFIC FLOW BEGINNING WITH THE DOWNSTREAM SIDE OF TRAFFIC.

INSTALL AND SPACE DRUMS NO GREATER THAN TWICE THE POSTED SPEED LIMIT (MPH) TO CLOSE OR KEEP THE SECTION OF THE ROADWAY CLOSED UNTIL THE TEMPORARY BARRIER CAN BE PLACED OR AFTER THE TEMPORARY BARRIER IS REMOVED.

TRAFFIC CONTROL DEVICES

Q) 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 RADIUS, 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.

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

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

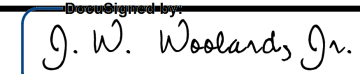
T) PLACE ONE APPLICATION OF PAINT FOR TEMPORARY TRAFFIC PATTERNS. PLACE A SECOND APPLICATION OF PAINT SIX (6) MONTHS AFTER THE INITIAL APPLICATION AND EVERY SIX MONTHS AS DIRECTED BY THE ENGINEER.

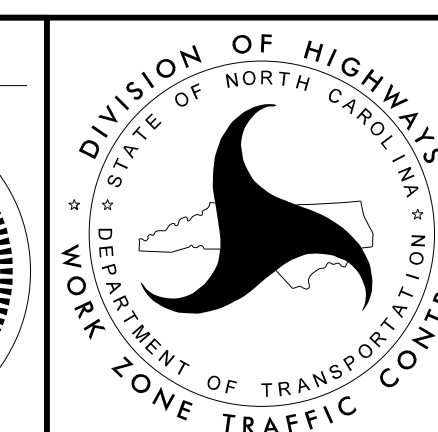
U) TIE PROPOSED PAVEMENT MARKING LINES TO EXISTING PAVEMENT MARKING LINES.

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

MISCELLANEOUS

W) IN THE EVENT A TIE-IN CANNOT BE MADE IN ONE DAY'S TIME, BRING THE TIE-IN AREA TO AN APPROPRIATE ROADWAY ELEVATION AS DETERMINED BY THE ENGINEER. PLACE BLACK ON ORANGE "LOOSE GRAVEL" SIGNS (W8-7) AND BLACK ON ORANGE "PAVEMENT ENDS" SIGNS (W8-3) 200 FT AND 400 FT RESPECTIVELY IN ADVANCE OF THE UNEVEN AREAS. USE DRUMS TO DELINEATE THE EDGE OF ROADWAY ALONG UNPAVED AREAS.

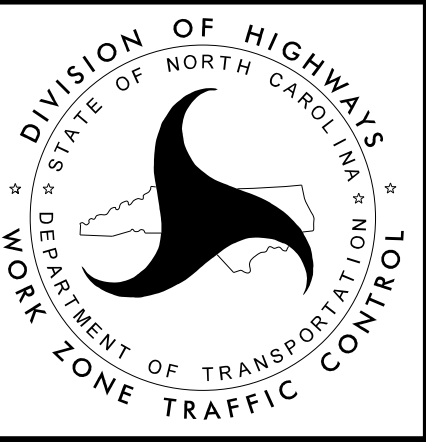
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07918REBADS4427
 DATE: 9/3/2015



TRANSPORTATION OPERATIONS PLAN

<p>SIGN NUMBER: SP15116 TYPE: D QUANTITY: 1 SIGN WIDTH: 3'-6" HEIGHT: 2'-0" TOTAL AREA: 7.0 Sq.Ft. BORDER TYPE: FLUSH RECESS: 0.47" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: LENGTH:</p>	<p>BACKG COLOR: Fluorescent Orange COPY COLOR: BLACK DESIGN BY: jgm PROJECT ID: B-3868 CHECKED BY: LOCATION: JUN 09, 2015 DIV: 14</p>																																																																																														
<p>USE NOTES:</p> <ol style="list-style-type: none"> Legend and border shall be direct applied black non-reflective sheeting. Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting. 																																																																																															
<p>LETTER POSITIONS</p> <p>Letter spacings are to start of next letter</p> <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th></th> <th>R</th> <th>O</th> <th>S</th> <th>E</th> <th>C</th> <th>R</th> <th>E</th> <th>E</th> <th>K</th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th></th> <th>Series/Size Text Length</th> </tr> </thead> <tbody> <tr> <td></td> <td>5.4</td> <td>3.5</td> <td>3.7</td> <td>3.6</td> <td>3.3</td> <td>3.8</td> <td>3.6</td> <td>3.4</td> <td>3.4</td> <td>2.8</td> <td>5.4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>C 2000 31.3</td> </tr> <tr> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td>C 2000 13.8</td> </tr> <tr> <td></td> <td>14.1</td> <td>3.5</td> <td>3.5</td> <td>3.9</td> <td>2.8</td> <td>14.1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>				R	O	S	E	C	R	E	E	K													Series/Size Text Length		5.4	3.5	3.7	3.6	3.3	3.8	3.6	3.4	3.4	2.8	5.4											C 2000 31.3																								C 2000 13.8		14.1	3.5	3.5	3.9	2.8	14.1																
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APPROVED: *Ron King*
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 DATE: 7/29/2015



7/29/2015
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 User: shanson

PHASE I

STEP 1: USING ROADWAY STANDARD DRAWING (RSD) 1101.01, SHEET 3 OF 3, PLACE WORK ZONE ADVANCE WARNING SIGNS ALONG -L- (ROSECREEK RD), -Y1- (NC 28), AND -Y- (HP MCCOY RD).

STEP 2: -USING RSD 1101.02, SHEET 1 OF 15; TMP-4, TMP-5, AND ROADWAY/STRUCTURES PLAN:

- WIDEN -Y1- WITH TEMPORARY PAVEMENT FROM STA. 10+00±,RT. TO STA. 14+50±,RT., AND FROM STA. 18+00±,RT. TO STA. 20+00±,RT.
- CONSTRUCT EXPRESSWAY GUTTER ON -Y1- FROM STA. 10+50±,LT. TO STA. 14+00±,LT., AND FROM STA. 18+25±,LT. TO STA. 20+25±,LT.
- CONSTRUCT SHOULDER FROM -Y1- FROM STA. 10+00±,LT. TO STA. 11+00±,LT., AND FROM STA. 18+25±,LT. TO STA. 21+70±,LT., UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. WEDGE -Y1- TO MATCH TO PROPOSED SHOULDER ELEVATION.
- CONSTRUCT -DRW2- INCLUDING FINAL LAYER OF SURFACE COURSE.

-AWAY FROM TRAFFIC USING TMP-4, TMP-5, AND ROADWAY/STRUCTURES PLAN:

- BEGIN CONSTRUCTION OF PROPOSED BRIDGE NO. 172 AND APPROACHES.
- BEGIN CONSTRUCTION OF ROADWAY AND DRAINAGE ON -L- FROM STA. 14+80± TO STA. 16+67± AND FROM STA. 20+00± TO STA. 21+49± UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. ONLY CONSTRUCT SHOULDER WITH GUARDRAIL FROM -L- STA. 15+33±,RT. TO -L- STA. 21+49±.
- CONSTRUCT ROADWAY AND EXPRESSWAY GUTTER ON -Y1- FROM STA. 14+00± TO STA. 18+25±, UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.
- PARTIAL ROADWAY AND DRAINAGE ON -Y- FROM STA. 12+09±,LT. TO -L-, UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.

PHASE II

STEP 1: IN A CONTINUOUS MANNER USING TMP-6 AND RSD 1101.01, SHEET 1 OF 15:

- A) PLACE TEMPORARY PAVEMENT MARKINGS ON -Y1-.
- B) PLACE WATER-FILLED BARRIER ON -Y1-.
- C) INSTALL AND ACTIVATE PORTABLE TRAFFIC SIGNALS AT THE LIMITS OF CONSTRUCTION OF -Y1-, AND AT THE INTERSECTION OF -Y1- AND -L-. PLACE -Y1- INTO ONE-LANE, TWO-WAY PATTERN WITH ACCESS TO -L-.

STEP 2: AWAY FROM TRAFFIC, USING TMP-6 AND ROADWAY PLANS, CONSTRUCT -Y1- FROM STA. 11+00±,LT. TO STA. 14+00±,LT., AND FROM STA. 17+50±,LT. TO STA. 18+25±,LT., UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT MARKINGS AND WATER-FILLED BARRIER AS SHOWN ON TMP-8.

STEP 3: USING TMP-6 AND RSD 1101.01, SHEET 1 OF 15:

- A) DEACTIVATE PORTABLE TRAFFIC SIGNALS.
- B) WEDGE -Y1- FROM 10+00±,LT. TO STA. 11+00±,LT. AND FROM STA. 18+25±,LT. TO STA. 20+00±,LT. UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. TIE IN TO EXISTING NC 28 TO ALLOW ACCESS FROM EXISTING ROADWAY.
- C) REACTIVATE PORTABLE TRAFFIC SIGNALS AT THE END OF EACH WORK DAY.

PHASE III

STEP 1: IN CONTINUOUS MANNER:

- A) USING RSD 1101.03, SHEET 1 AND 2 OF 9; PLACE SIGNS FOR OFF-SITE DETOUR AS SHOWN ON TMP-7, TMP-8, AND TMP-11.
- B) USING RSD 1101.03, SHEET 1 AND 2 OF 9; PLACE BARRICADES TO CLOSE -L- FROM STA. 14+30± TO STA. 22+30± AS SHOWN ON TMP-7 AND TMP-8. PLACE TRAFFIC ON OFF-SITE DETOUR AS SHOWN ON TMP-11.
- C) USING TMP-8 AND RSD 1101.01, SHEET 1 OF 15, INSTALL AND ACTIVATE PORTABLE TRAFFIC SIGNALS AT THE LIMITS OF CONSTRUCTION OF -Y1-, AND DRIVEWAY SIGNALS AT -DRW2- AND AT -Y1- STA. 21+40±. PLACE -Y1- INTO ONE-LANE, TWO-WAY PATTERN.

PHASE III CONTINUED →

PHASE III (CONTINUED)

STEP 2: USING ROADWAY PLANS, TMP-7 AND RSD 1101.01, SHEET 1 OF 15:

- A) IN A CONTINUOUS MANNER:
 - WEDGE AND WIDEN -Y- TO PROPOSED ELEVATION FROM STA. 11+55± TO STA. 12+00±.
 - WEDGE -Y- WITH TEMPORARY TRANSITIONAL PAVEMENT FROM PROPOSED ELEVATION AT STA. 12+00± AND TIE INTO EXISTING ELEVATION AT STA. 12+50±.

B) PLACE -Y- INTO ONE-LANE, TWO-WAY TRAFFIC PATTERN.

AWAY FROM TRAFFIC, USING ROADWAY PLANS, TMP-7, AND TMP-8:

- CONSTRUCT REMAINING ROADWAY AND GUARDRAIL FROM -Y1- STA. 11+00±,RT. TO -Y1- STA. 18+25±,RT. UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON FINAL PAVEMENT MARKING PLANS.
- CONSTRUCT -DRW1- INCLUDING FINAL LAYER OF SURFACE COURSE.
- CONSTRUCT MINIMUM 10' ROADWAY FROM -Y- STA. 12+00± TO -L- UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON FINAL PAVEMENT MARKING PLANS.
- COMPLETE CONSTRUCTION OF FROM -L- STA. 14+40± TO -L- STA. 22+25±, INCLUDING ALL CONSTRUCTION OF ROADWAY, SHOULDER, GUARDRAIL, DRAINAGE, PROPOSED BRIDGE NO. 172, AND APPROACHES FROM PHASE I, STEP 2, UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. TIE IN ROADWAY TO -Y- AND -Y1-. PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON FINAL PAVEMENT MARKING PLANS.

STEP 3: IN A CONTINUOUS MANNER USING TMP-8 AND RSD 1101.01, SHEET 1 OF 15:

- A) DEACTIVATE AND REMOVE PORTABLE TRAFFIC SIGNALS.
- B) WEDGE -Y1- FROM 10+00±,RT. TO STA. 11+00±,RT. AND FROM STA. 18+25±,RT. TO STA. 21+75±,RT. UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE.
- C) REMOVE WATER-FILLED BARRIERS AND PLACE TEMPORARY PAVEMENT MARKINGS ON -Y1- AS SHOWN ON FINAL PAVEMENT MARKINGS PLANS.
- D) OPEN -Y1- TO FINAL TWO-WAY, TWO-LANE TRAFFIC PATTERN.

PHASE IV

STEP 1: USING TMP-9 AND TMP-10, AND TMP-11, PLACE SIGNS FOR OFF-SITE DETOUR.

STEP 2: IN A CONTINUOUS MANNER USING TMP-9, TMP-10, AND RSD 1101.01, SHEET 1 OF 15:

- A) OPEN -L- FROM STA. 14+70± TO -Y1-.
- B) PLACE TRAFFIC ON EXISTING -Y- ONTO CONSTRUCTED LANE OF -Y- FROM STA. 11+55±,LT. TO -L-.
- C) USING RSD 1101.03, SHEET 1 OF 9, CLOSE -L- FROM STA. 10+00± TO STA. 14+80±. PLACE TRAFFIC ON OFF-SITE DETOUR AS SHOWN IN TMP-11.
- D) PLACE TRAFFIC BETWEEN -L- AND -Y- INTO A ONE-LANE, TWO-WAY TRAFFIC PATTERN.

STEP 3: AWAY FROM TRAFFIC, USING TMP-9 AND ROADWAY PLANS:

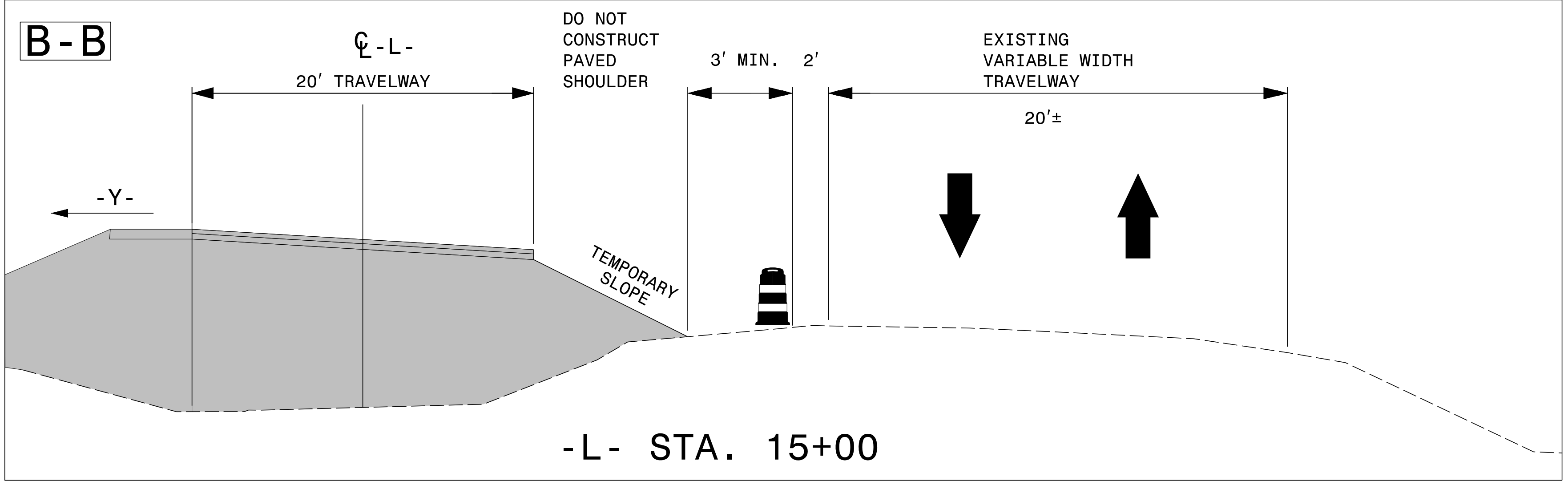
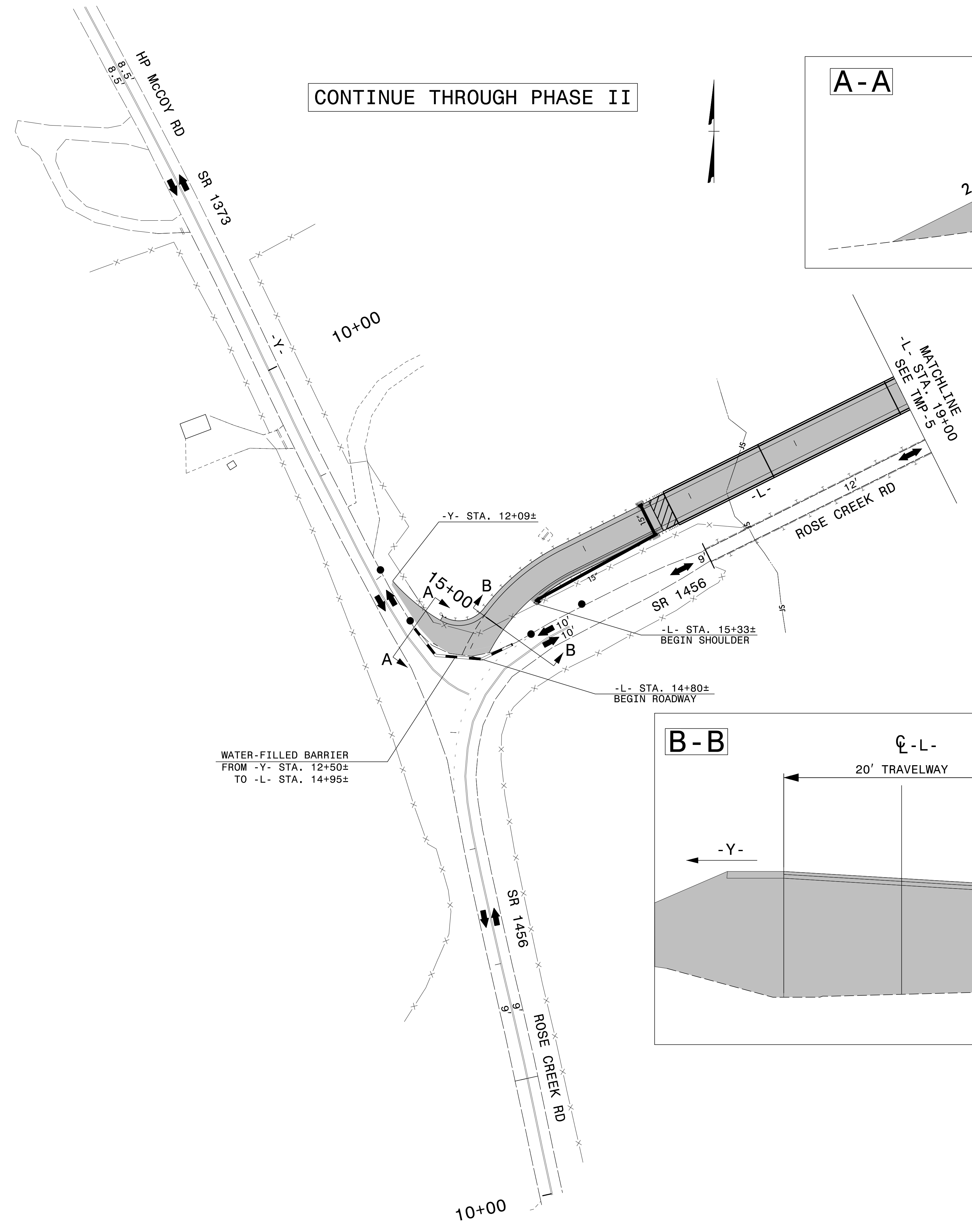
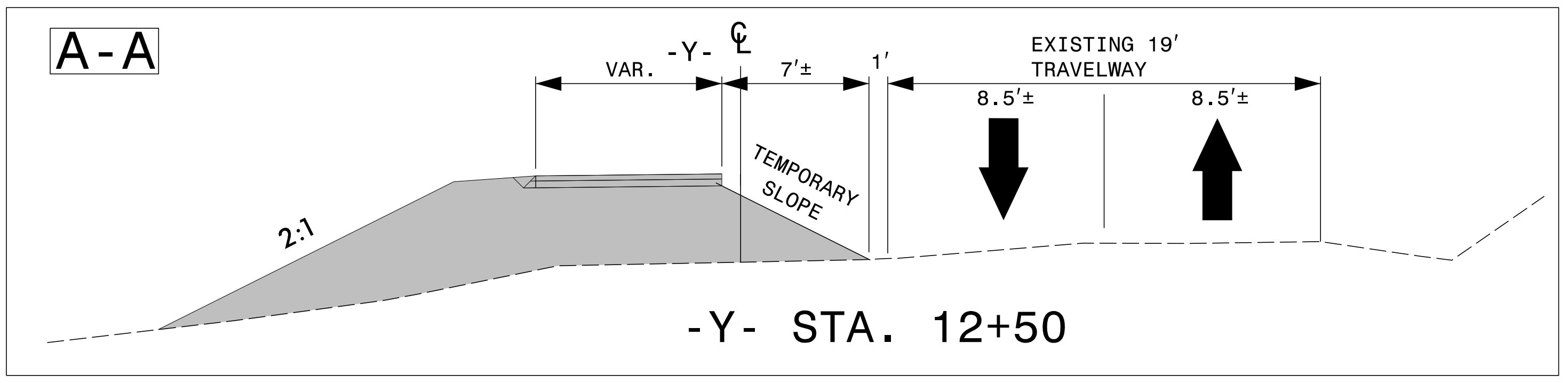
- CONSTRUCT ROADWAY AND DRAINAGE FROM -L- STA. 12+00± TO -L- STA. 14+65± UP TO BUT NOT INCLUDING FINAL LAYER OF SURFACE COURSE. PLACE TEMPORARY PAVEMENT MARKINGS AS SHOWN ON FINAL PAVEMENT MARKING PLANS.
- CONSTRUCT REMAINING -Y- FROM STA. 12+00± TO -L-.

STEP 4: USING ROADWAY PLANS AND RSD 1101.01, SHEET 1 OF 15; PLACE FINAL LAYER OF SURFACE COURSE ON -L-, -Y-, AND -Y1-. PLACE FINAL PAVEMENT MARKINGS AS SHOWN ON FINAL PAVEMENT MARKING PLANS.

STEP 5: REMOVE ALL TRAFFIC CONTROL DEVICES, INCLUDING ALL OFF-SITE DETOUR SIGNS, AND OPEN ALL ROADS TO FINAL TRAFFIC PATTERN.

APPROVED: <i>J. W. Woolard, Jr.</i> <small>07918REBADS427</small> DATE: 9/3/2015			<p style="text-align: center;">TEMPORARY TRAFFIC CONTROL PHASING</p>
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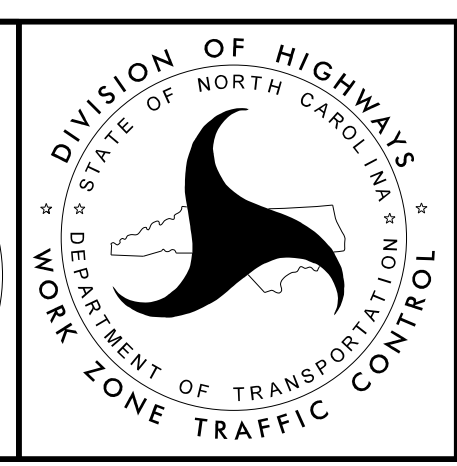
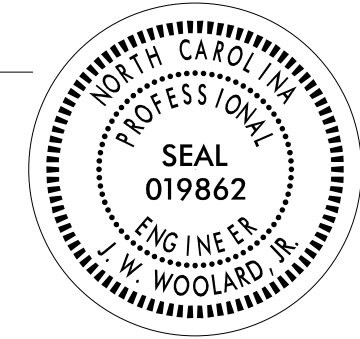
CONTINUE THROUGH PHASE II



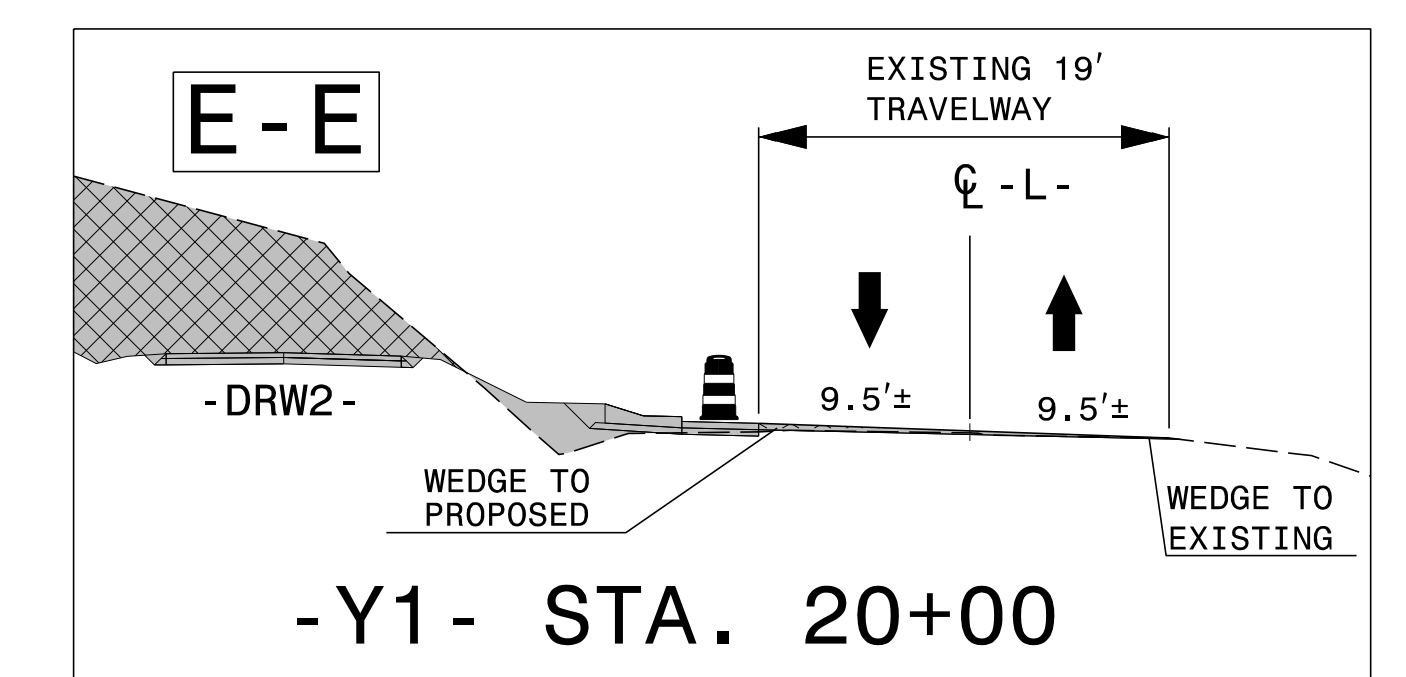
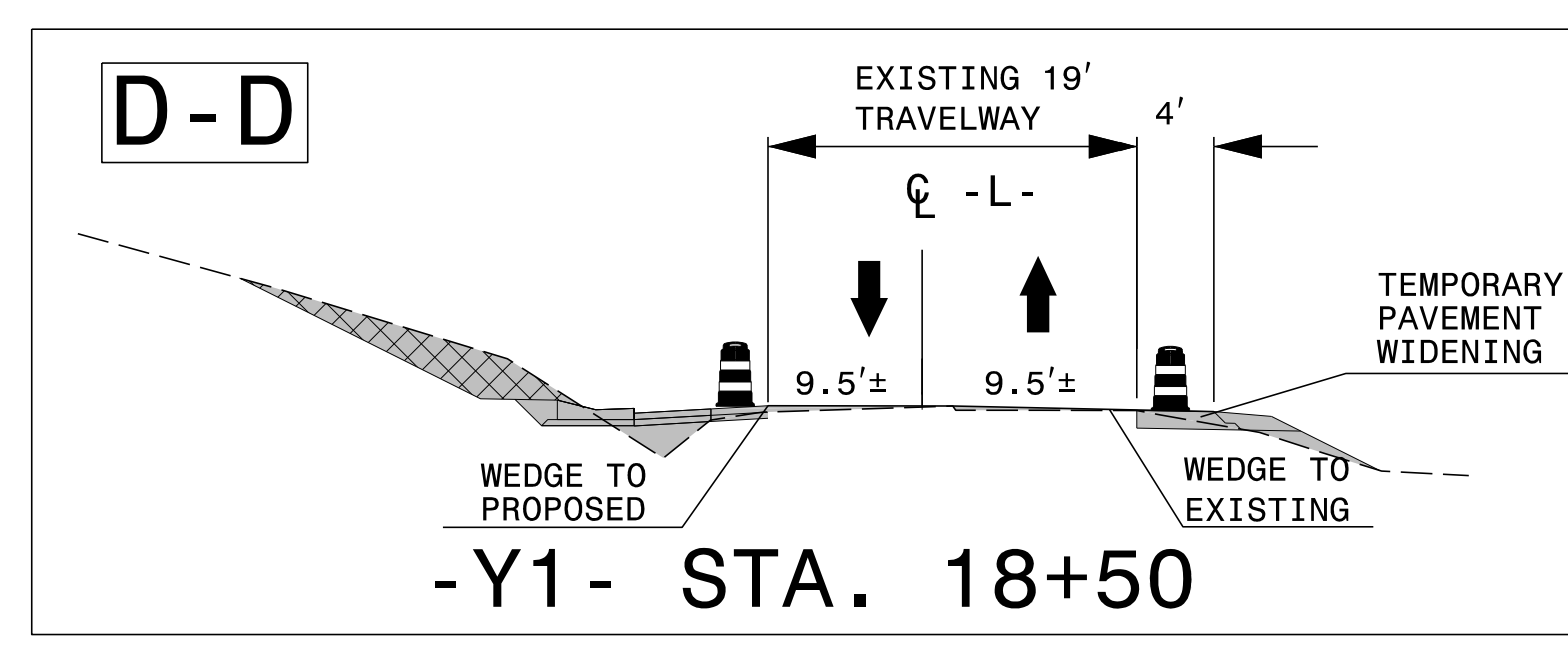
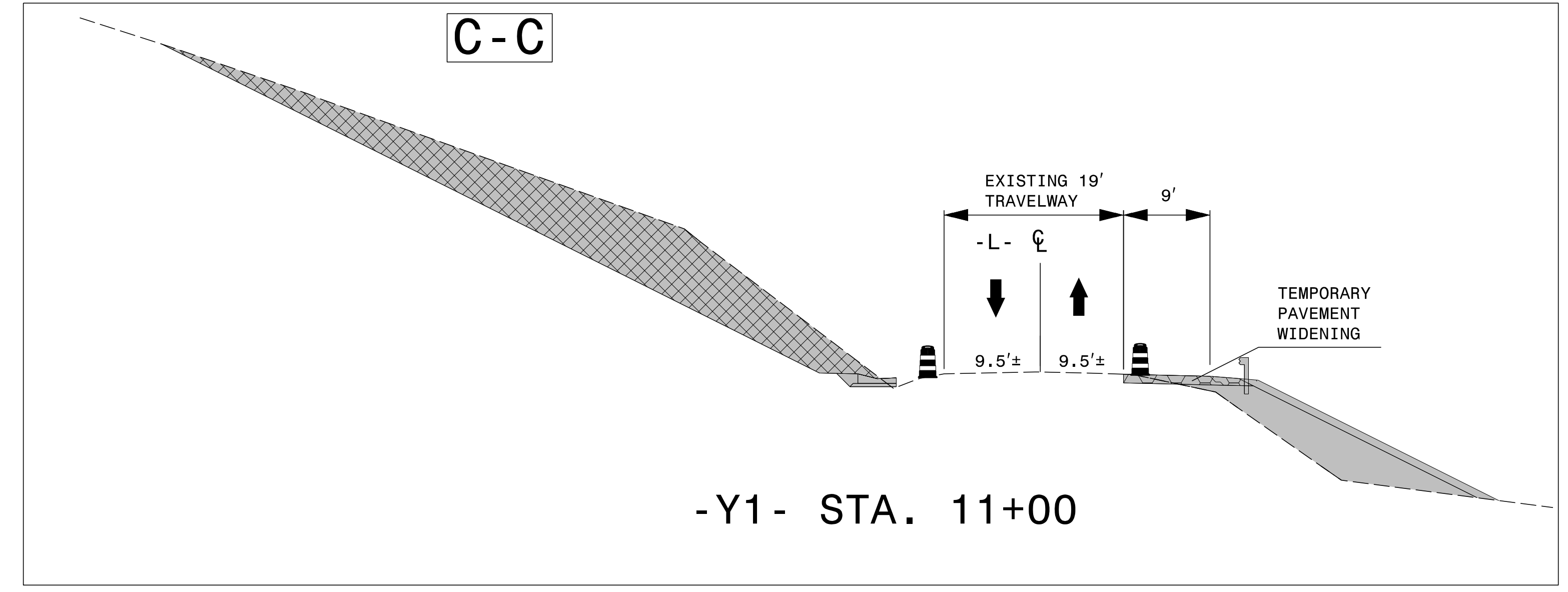
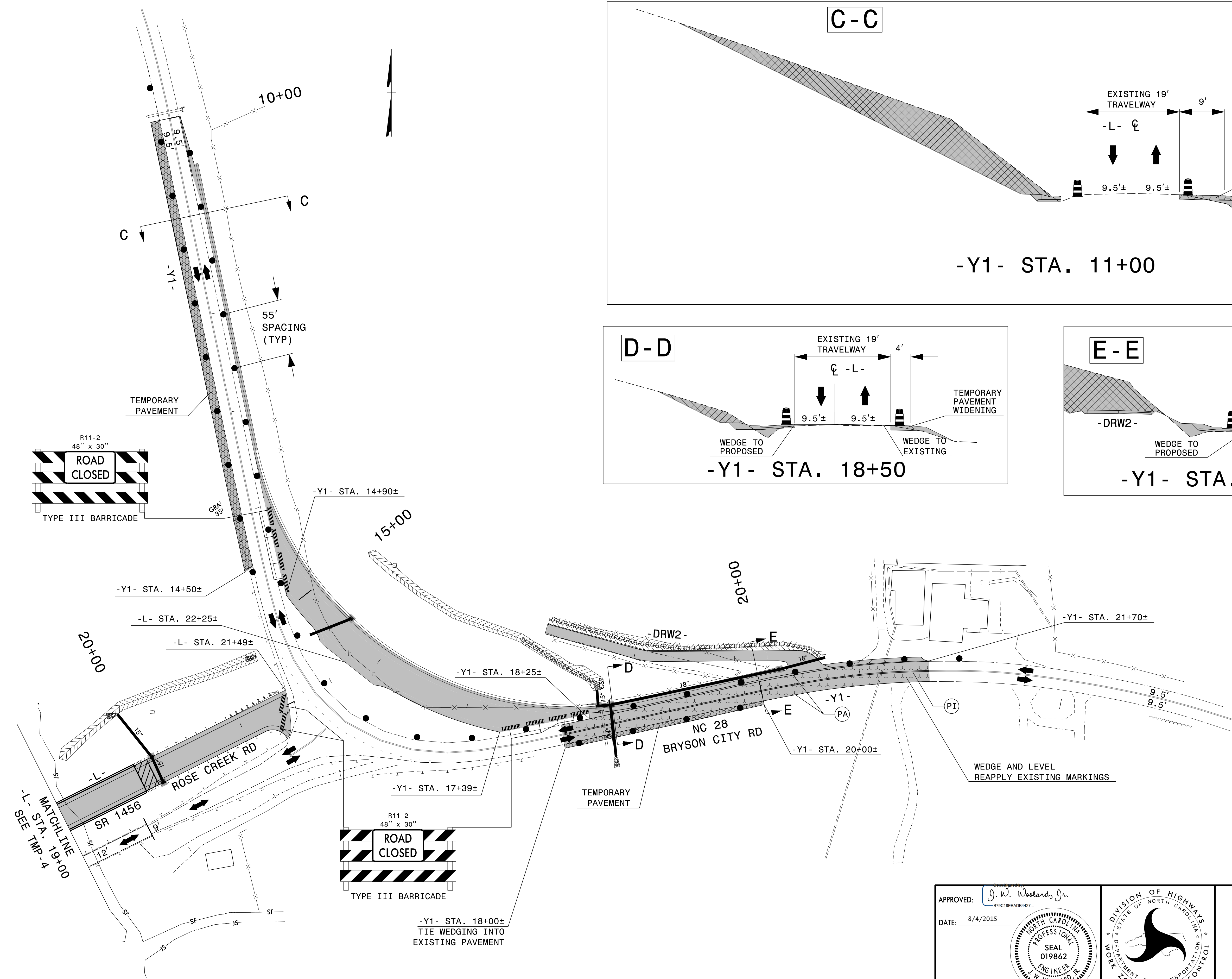
7/29/2015
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 User:shanson

APPROVED: J. W. Woolard, Jr.
07918E8AD28427

DATE: 7/29/2015



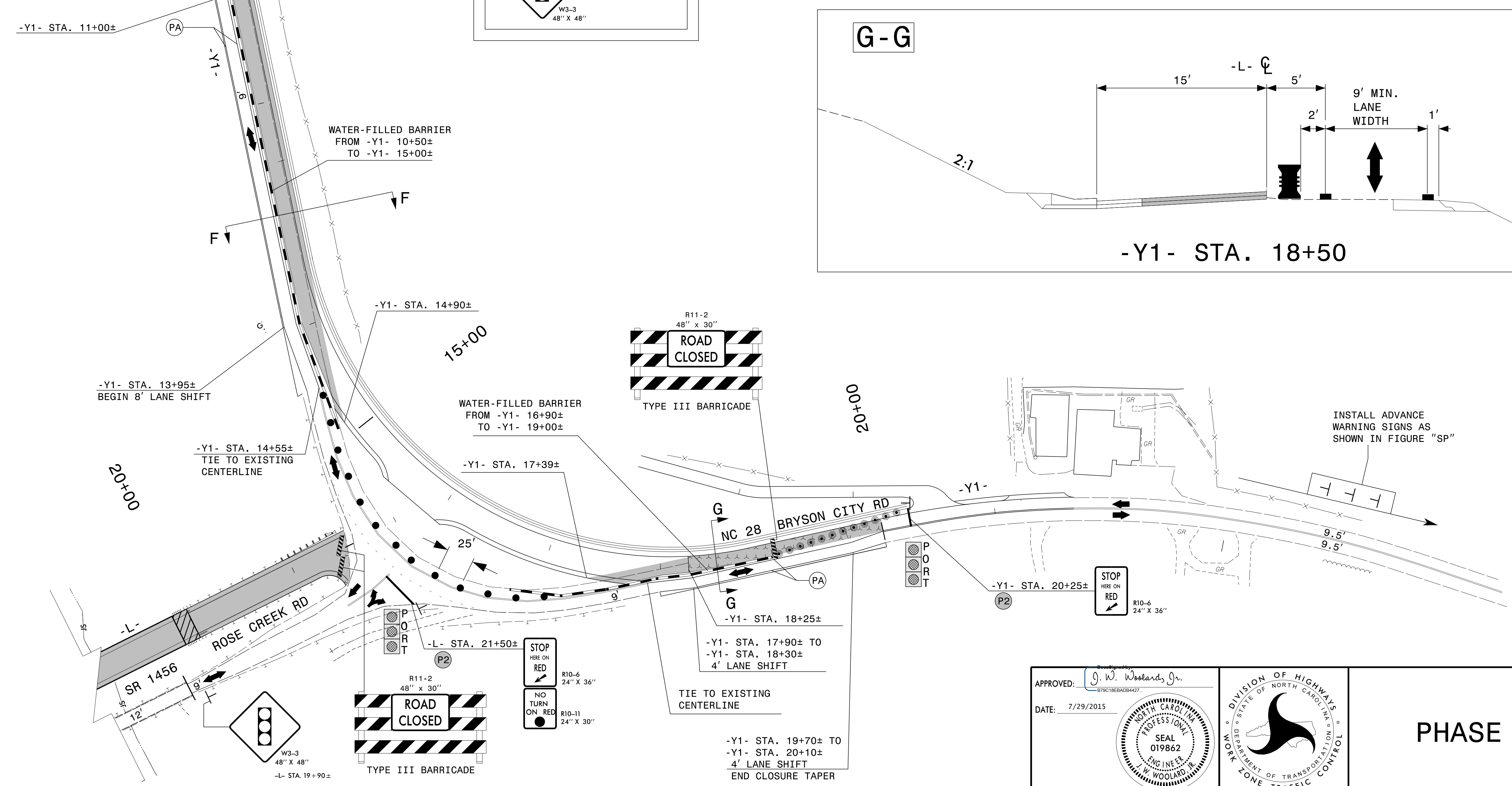
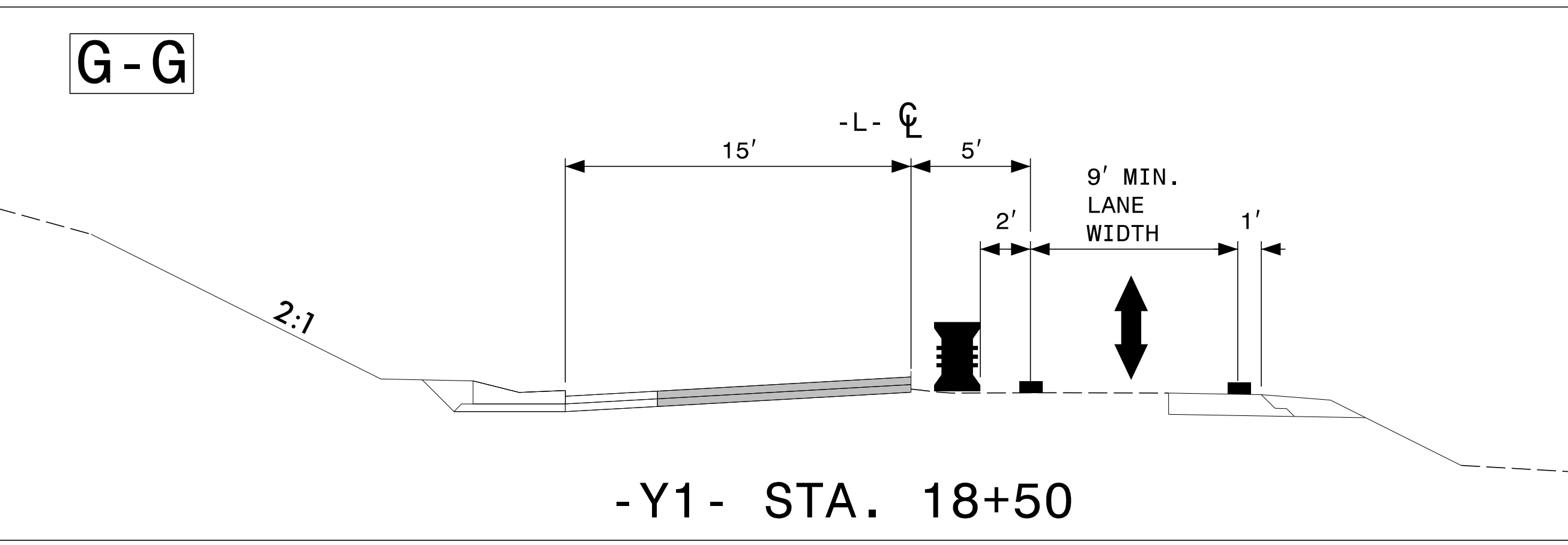
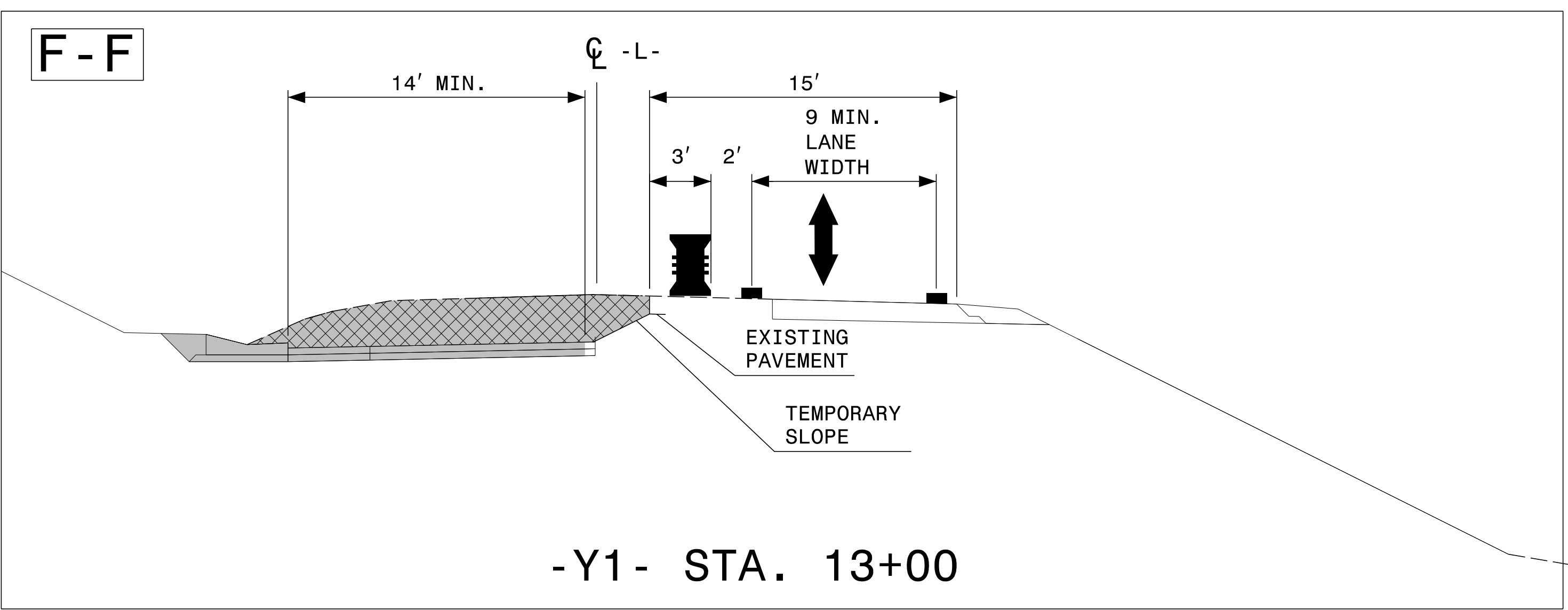
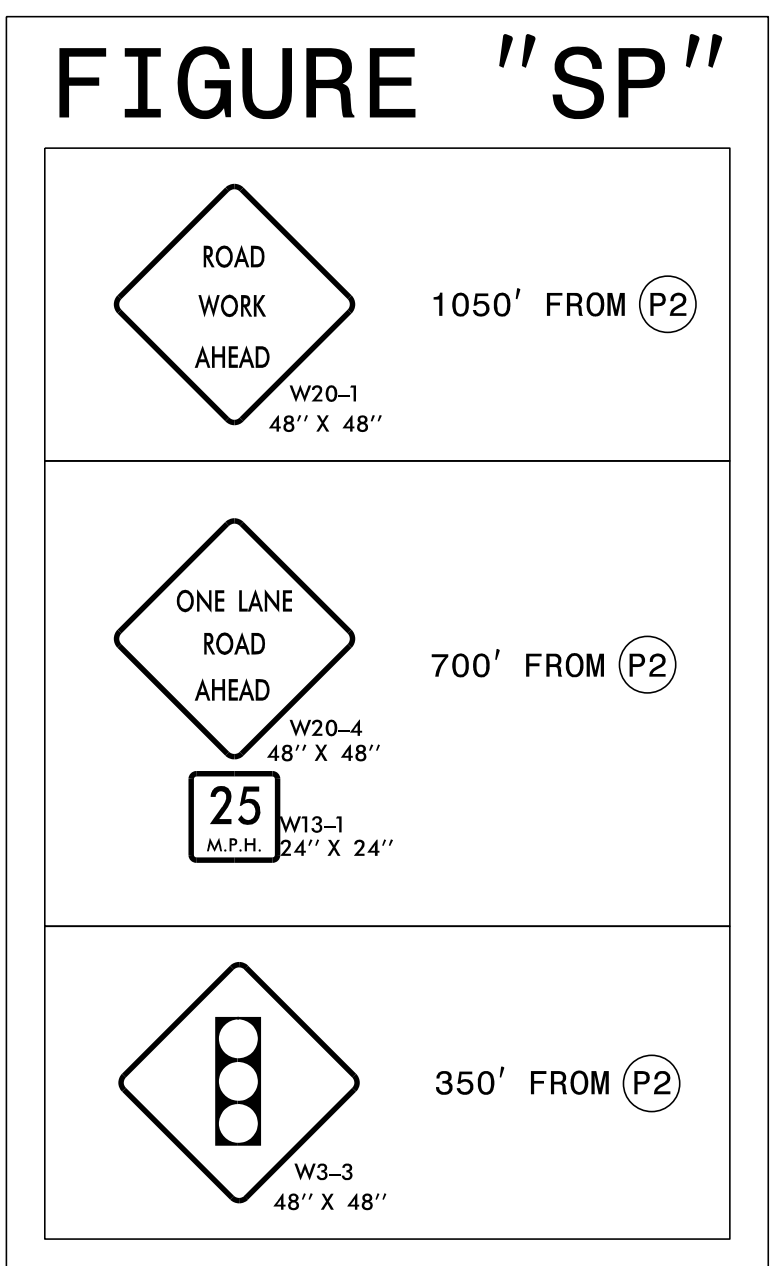
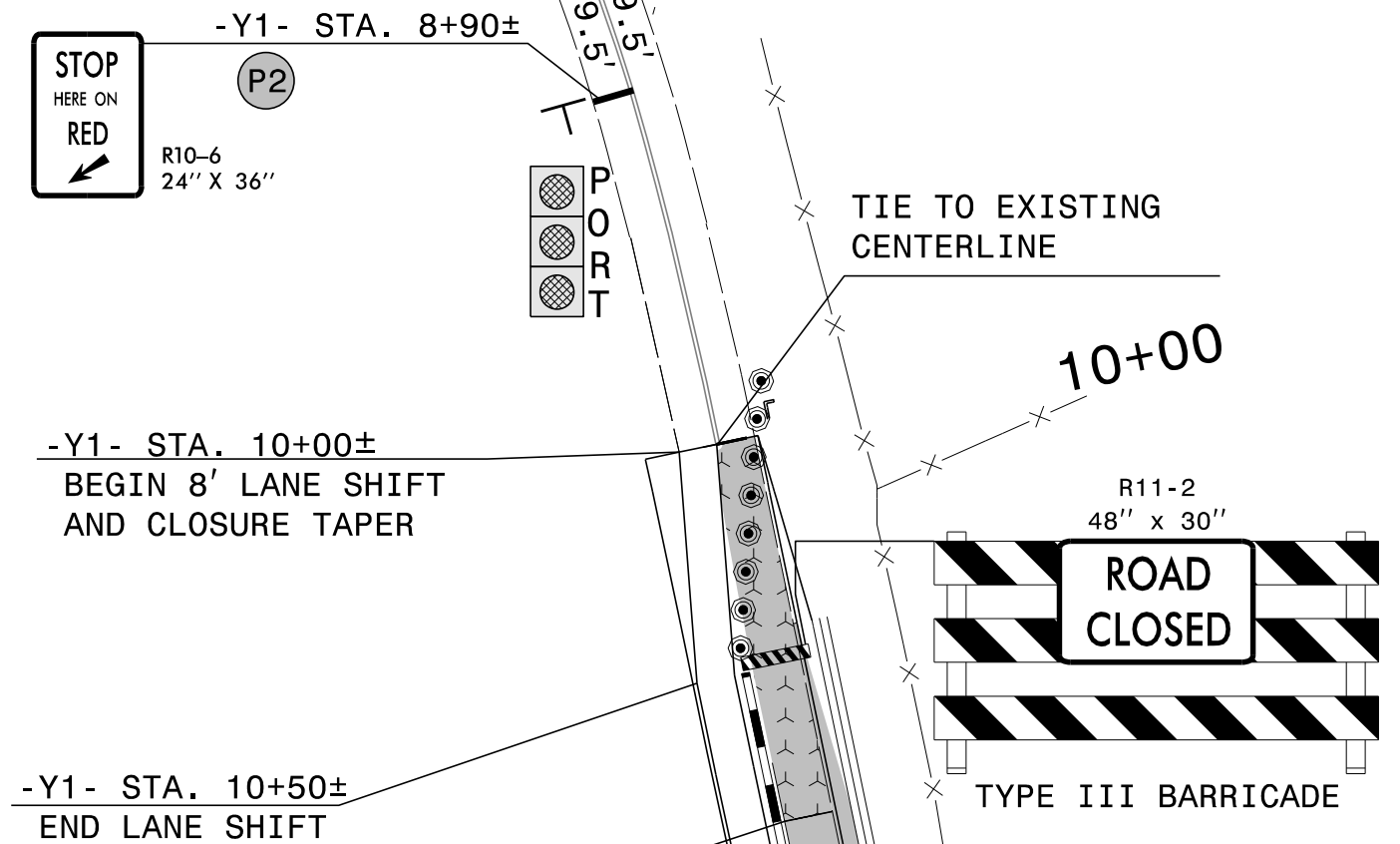
PHASE I



8/4/2015
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 User:shanson

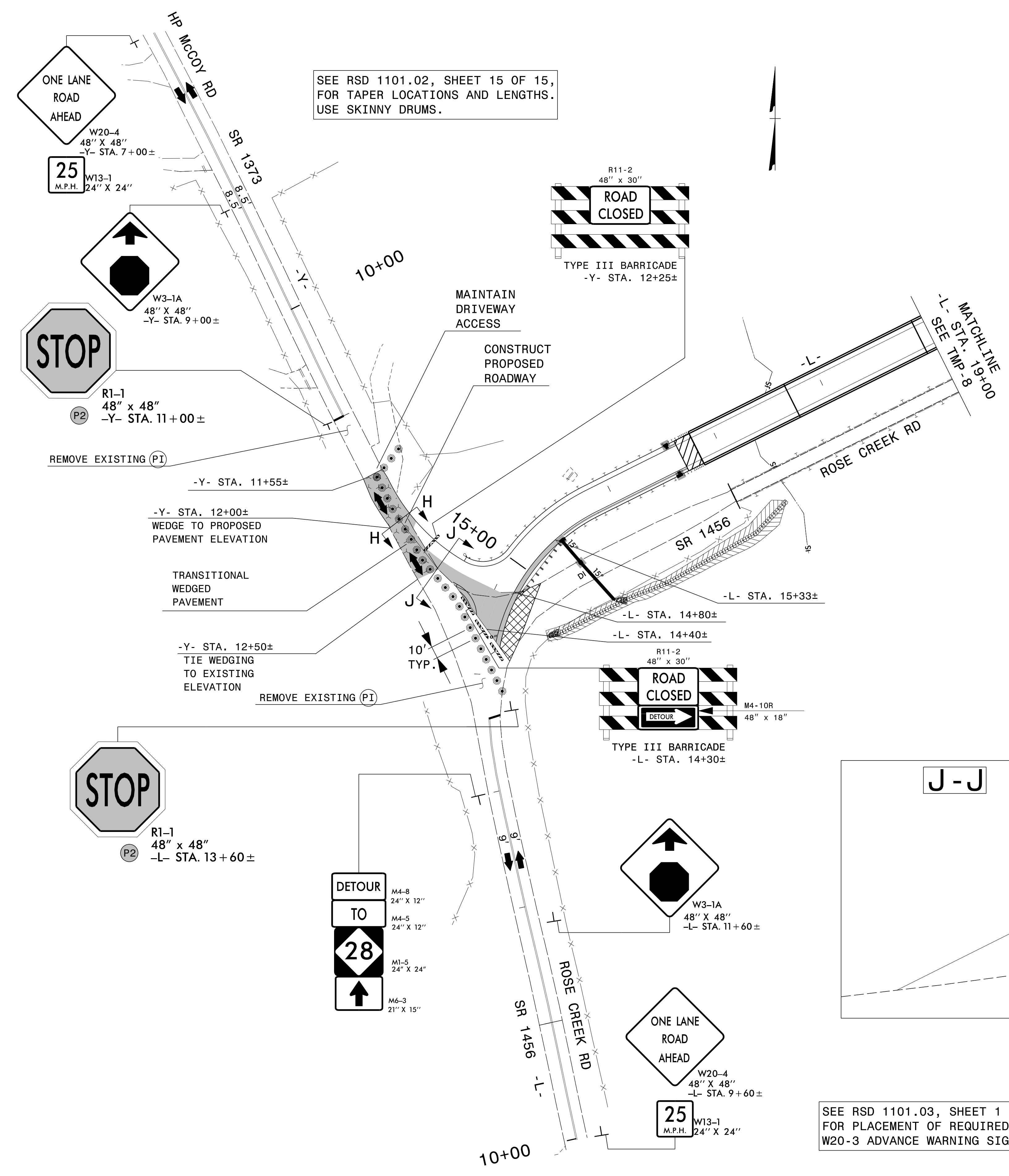
APPROVED: <i>J. W. Woolard, Jr.</i> DATE: 8/4/2015 		<h1>PHASE I</h1>
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INSTALL ADVANCE WARNING SIGNS AS SHOWN IN FIGURE "SP"



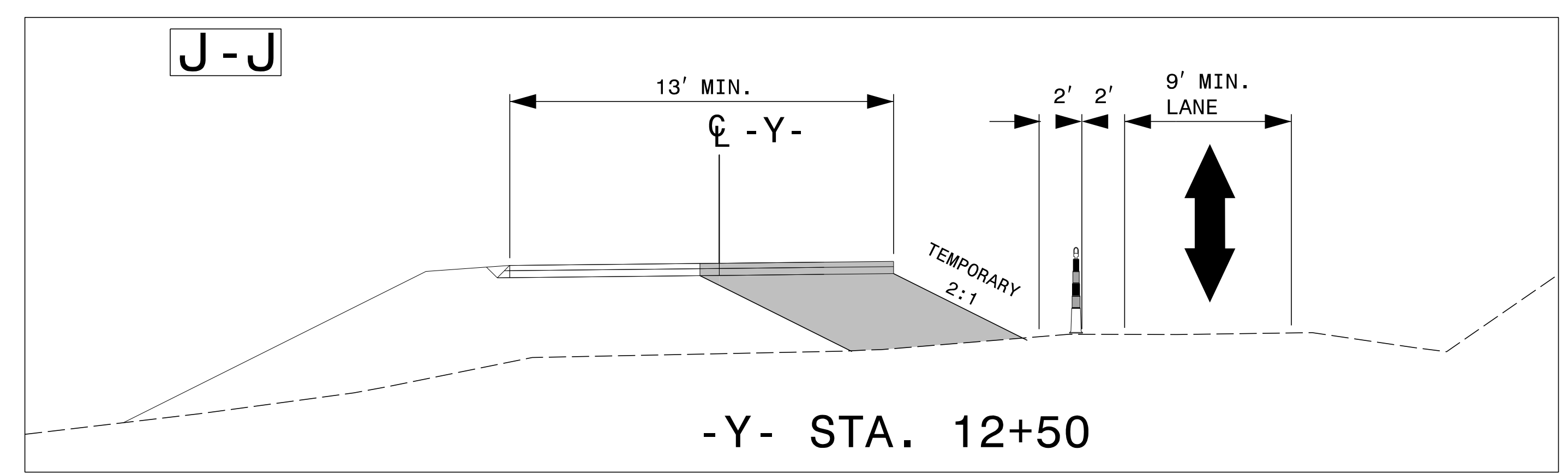
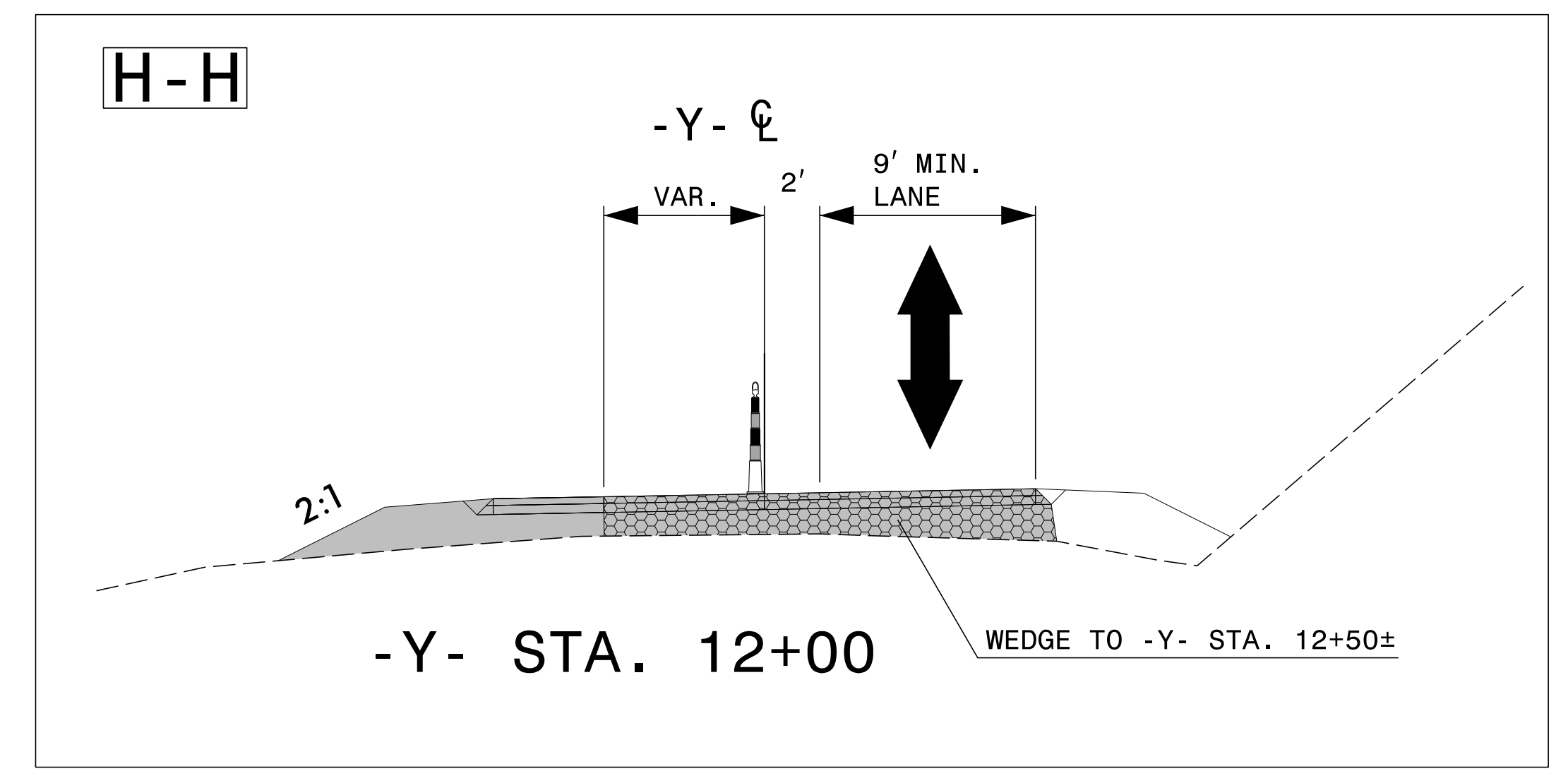
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 User:shanson

APPROVED: <i>J. W. Woolard, Jr.</i> DATE: 7/29/2015			<h2>PHASE II</h2>
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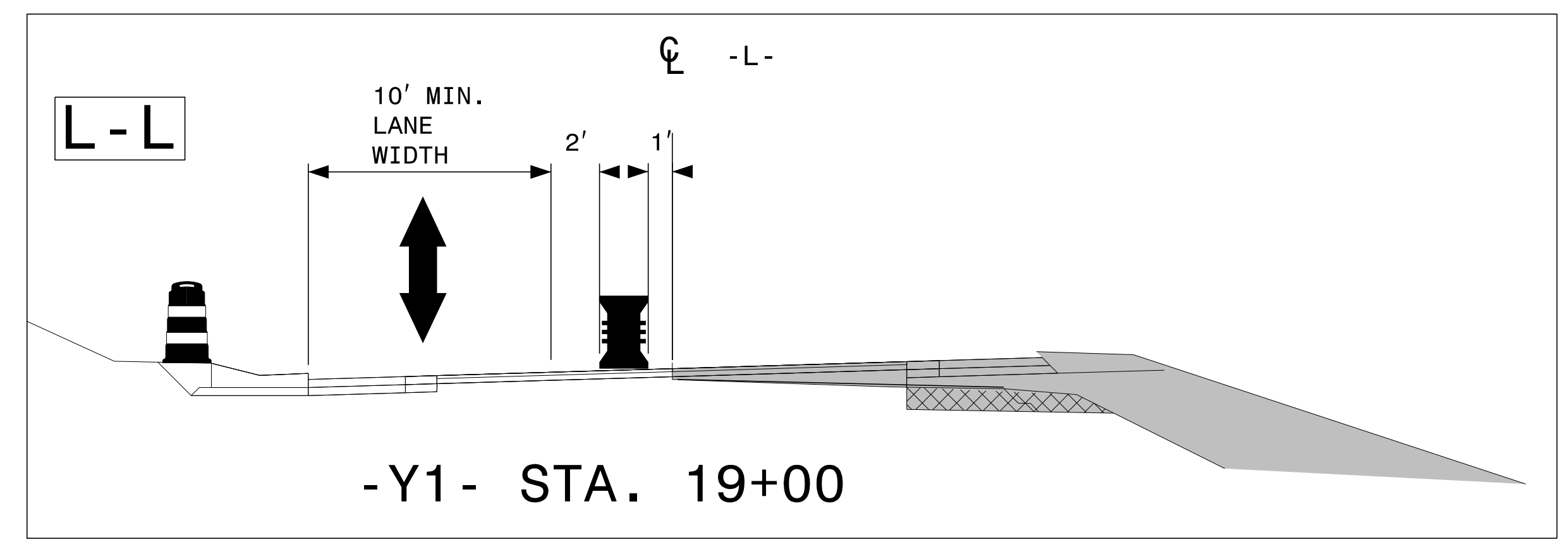
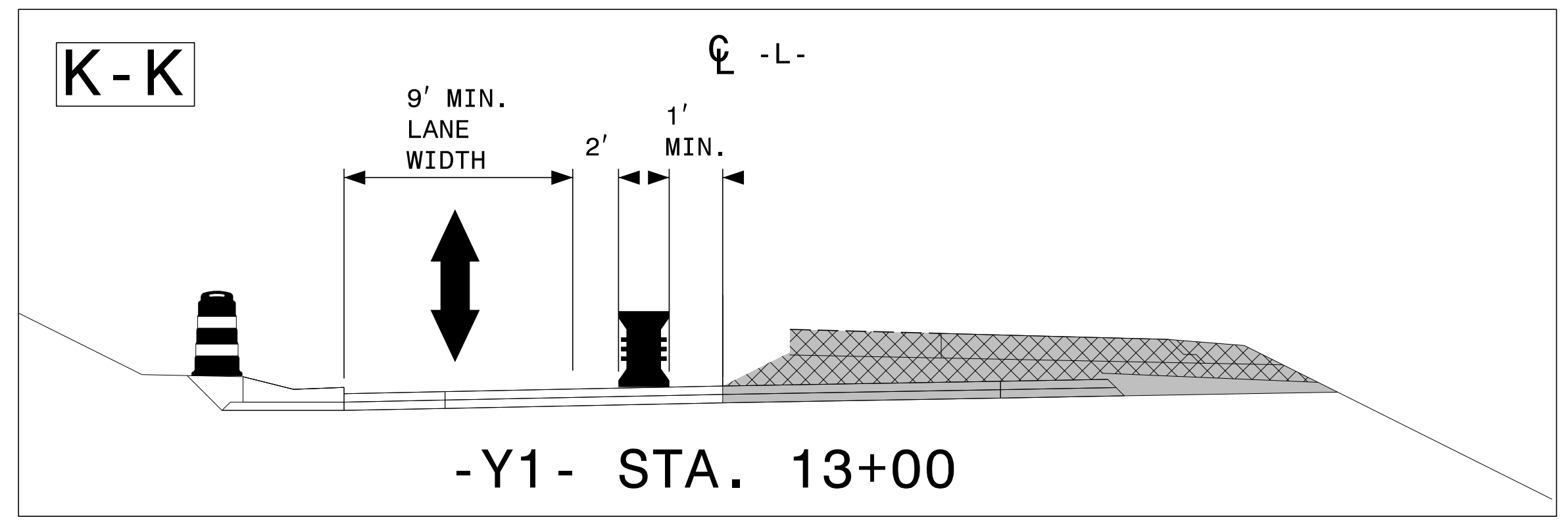
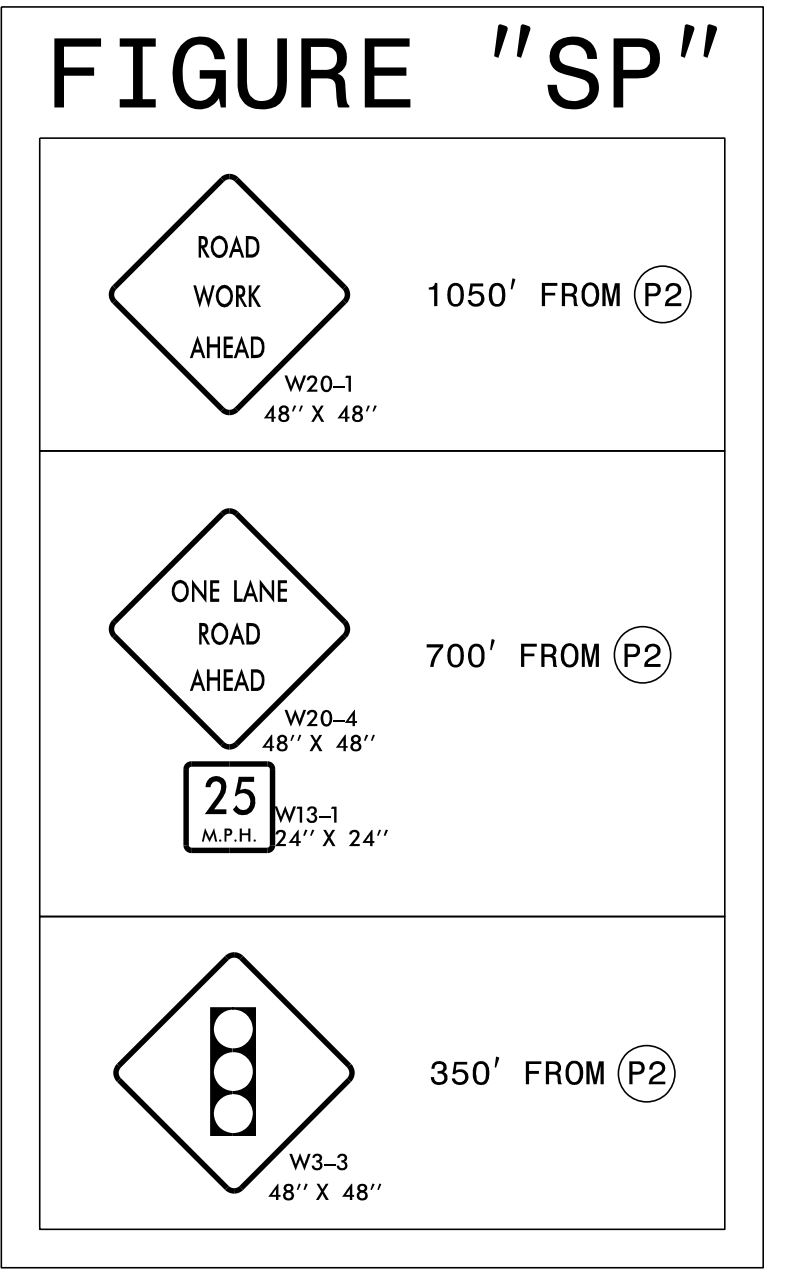
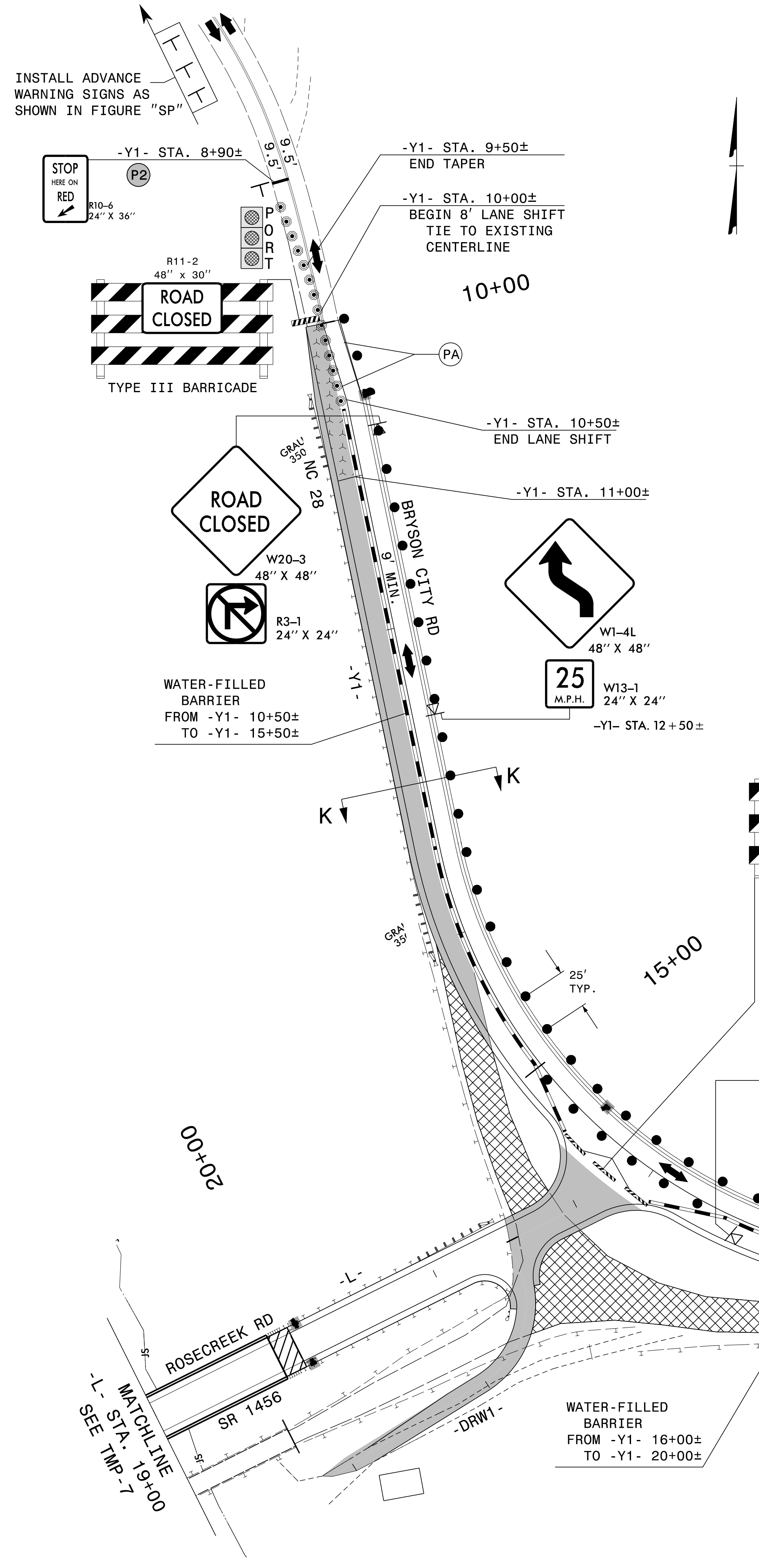
SEE RSD 1101.02, SHEET 15 OF 15, FOR TAPER LOCATIONS AND LENGTHS. USE SKINNY DRUMS.

SEE RSD 1101.03, SHEET 1 OF 9, FOR PLACEMENT OF REQUIRED W20-3 ADVANCE WARNING SIGNS



8/4/2015 P:\TIP\Projects-B\B3868\TrafficControl\TCP\B-3868_TC_TMP_Phase III.dgn User:shanson

APPROVED: <i>J. W. Woolard, Jr.</i> DATE: 8/4/2015			PHASE III
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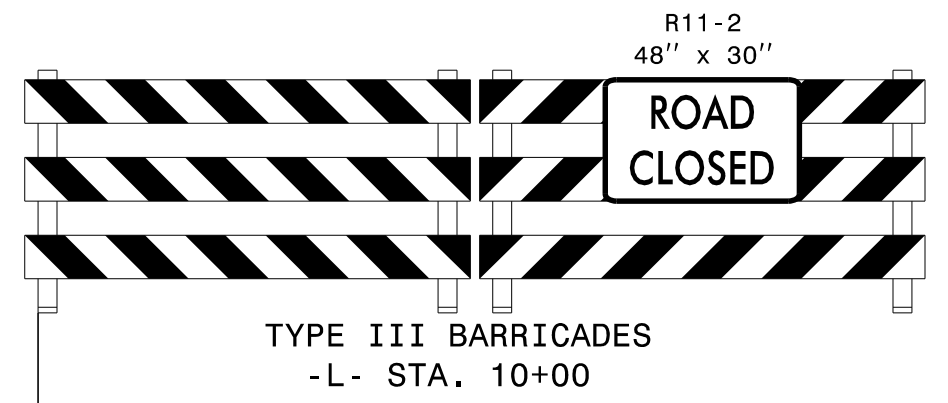
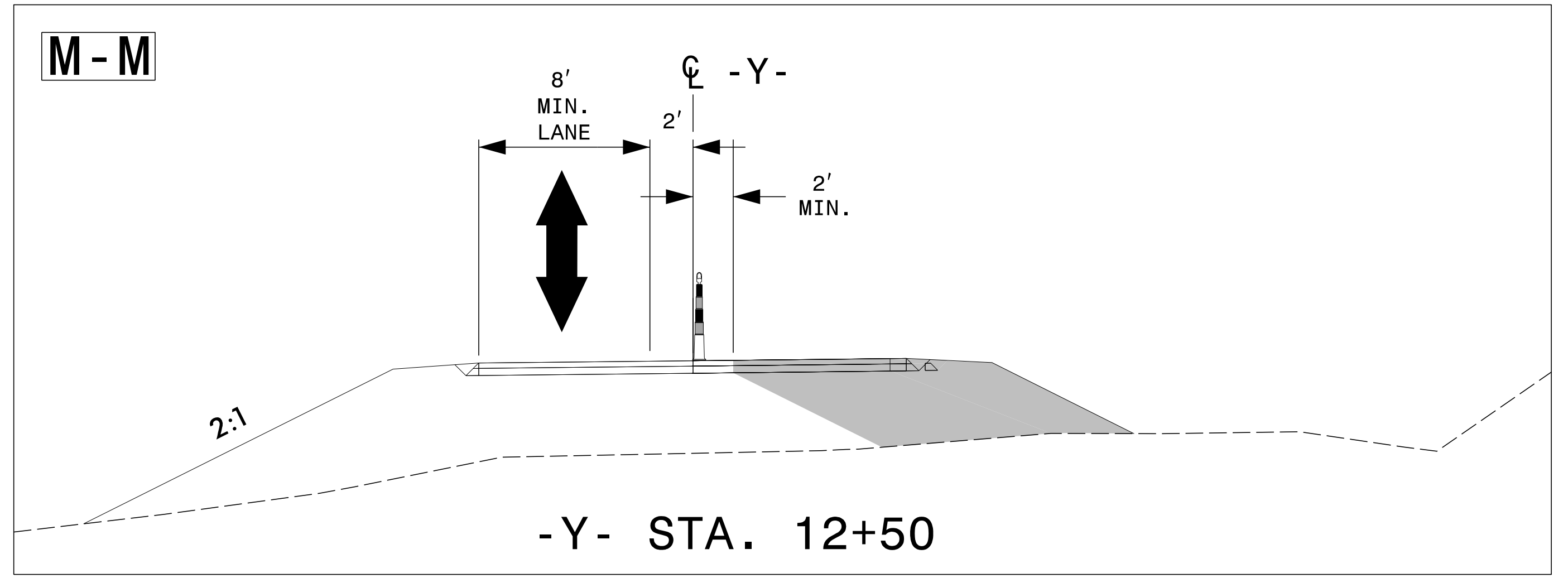
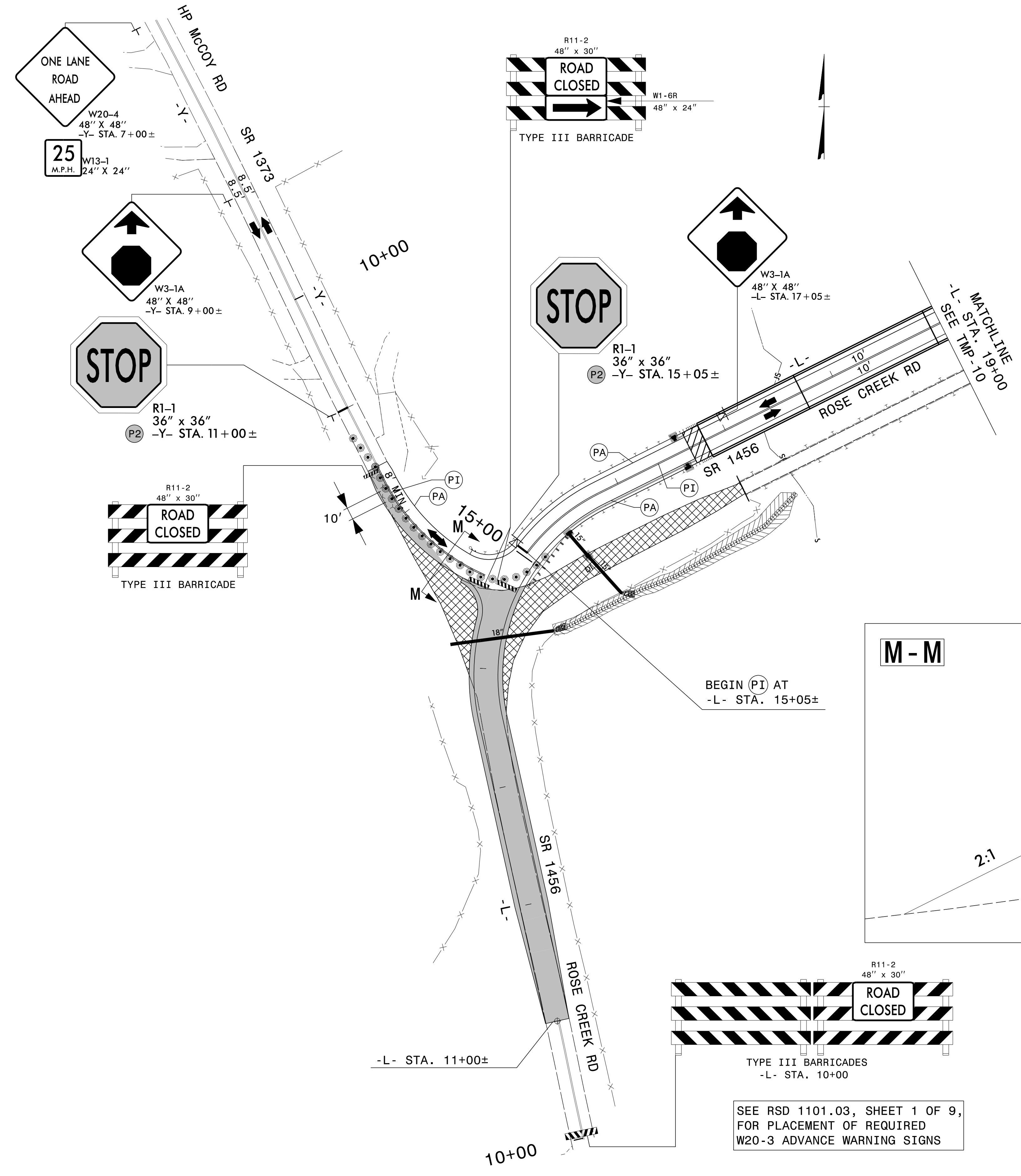
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APPROVED: *J. W. Woolard, Jr.*
 DATE: 7/29/2015

Professional Seal: J. W. Woolard, Jr., Professional Engineer, No. 019862, State of North Carolina.

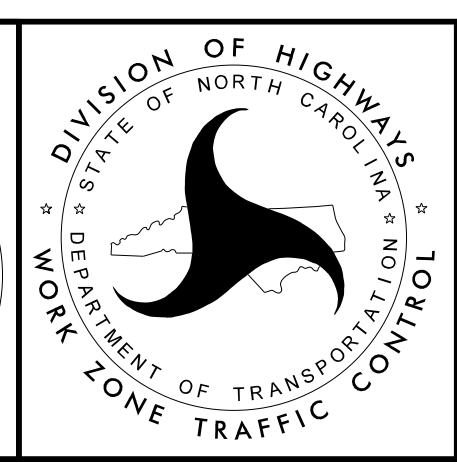
Division of Highways, State of North Carolina, Department of Transportation, Work Zone Traffic Control.

PHASE III



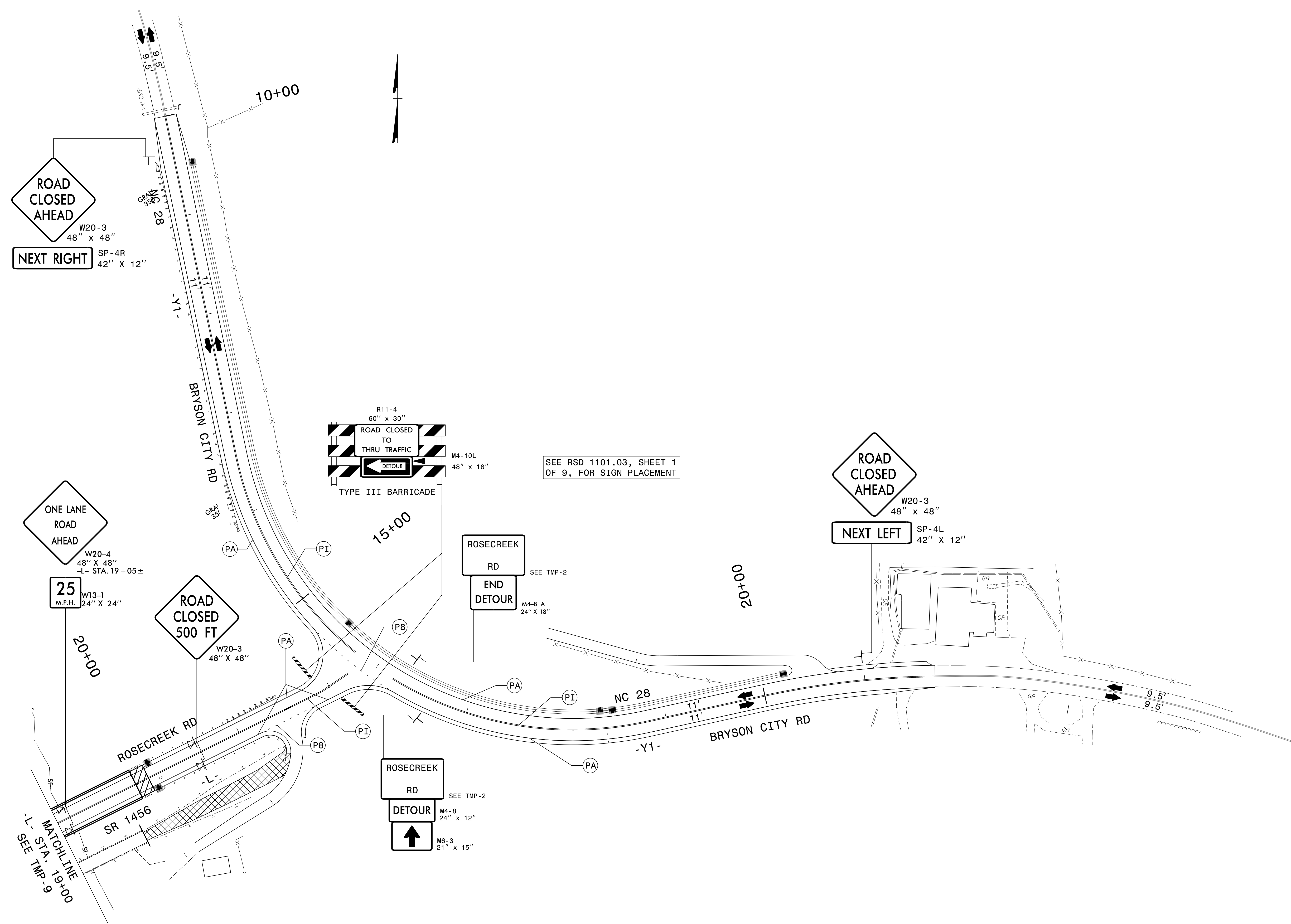
SEE RSD 1101.03, SHEET 1 OF 9,
FOR PLACEMENT OF REQUIRED
W20-3 ADVANCE WARNING SIGNS

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DATE: 7/29/2015



PHASE IV

7/29/2015
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 User: shanson



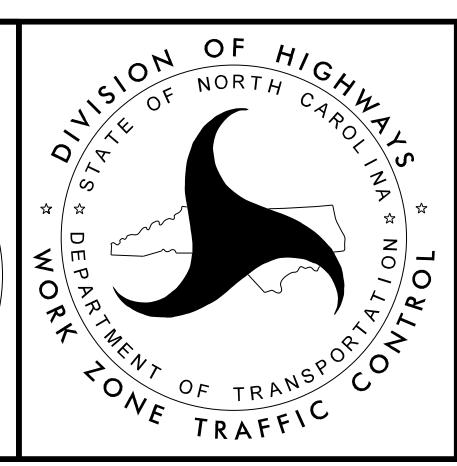
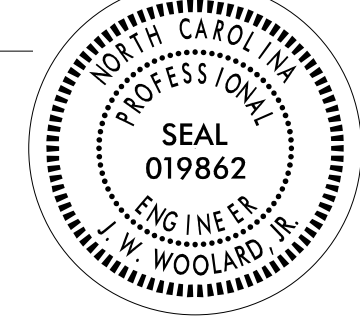
SEE RSD 1101.03, SHEET 1 OF 9, FOR SIGN PLACEMENT

SEE TMP-2

SEE TMP-2

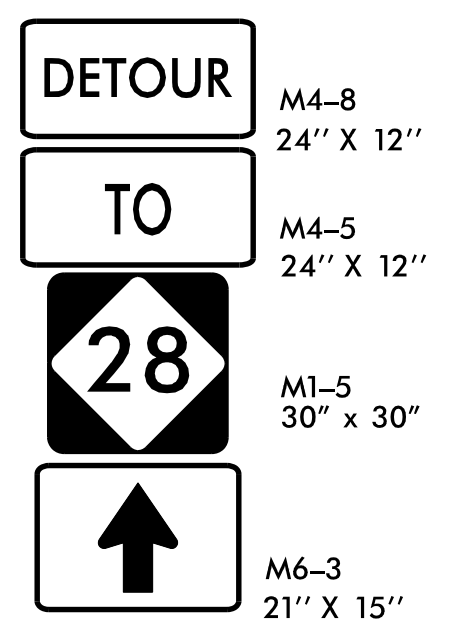
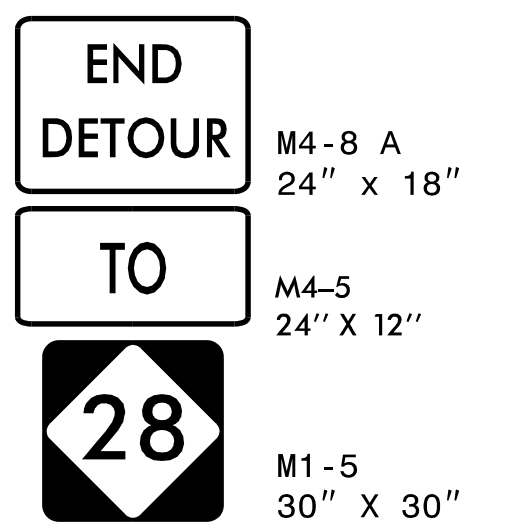
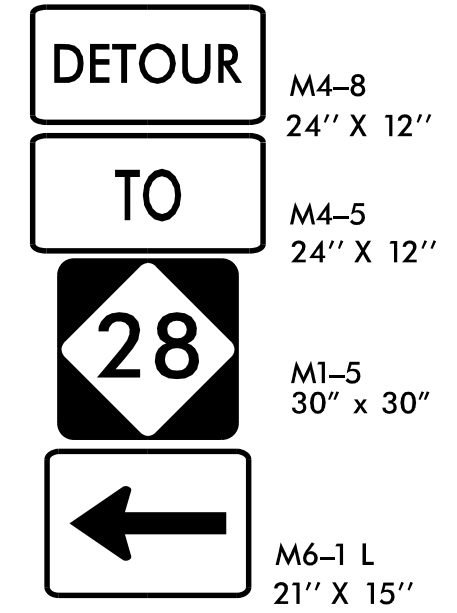
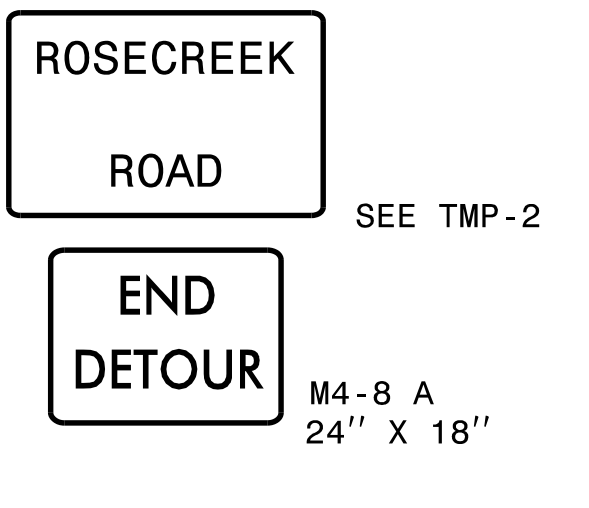
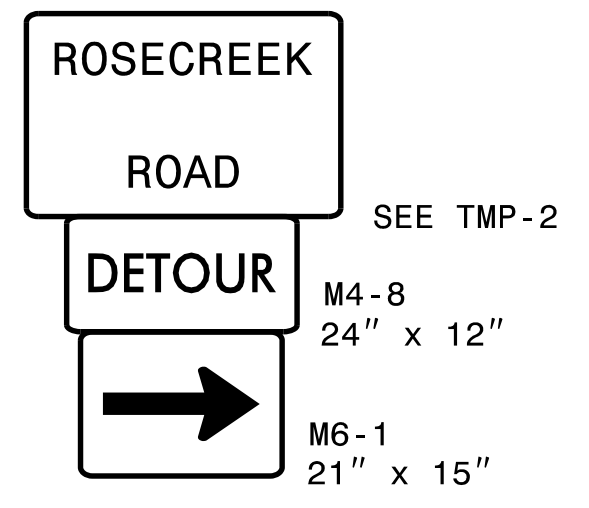
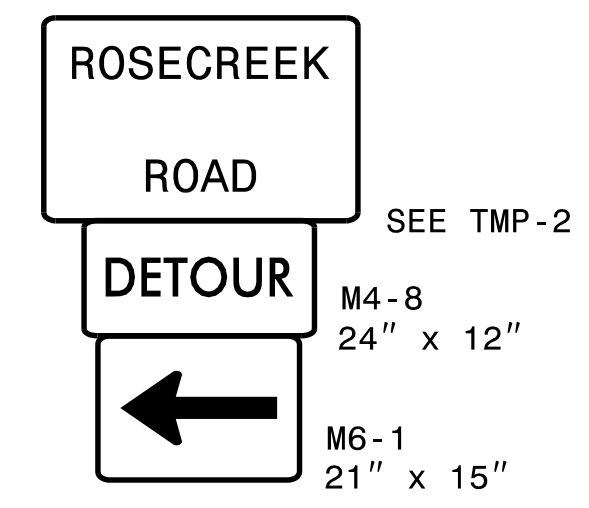
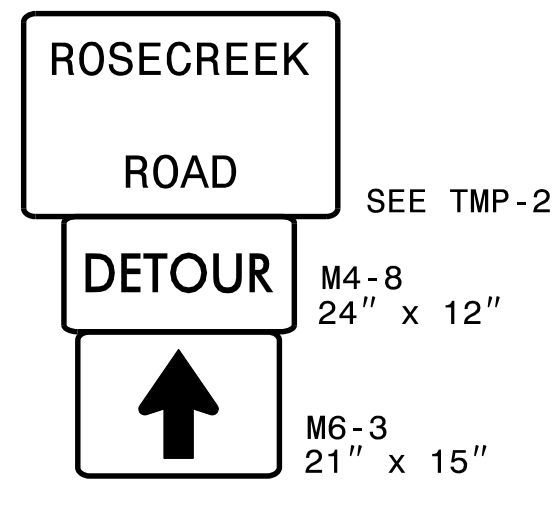
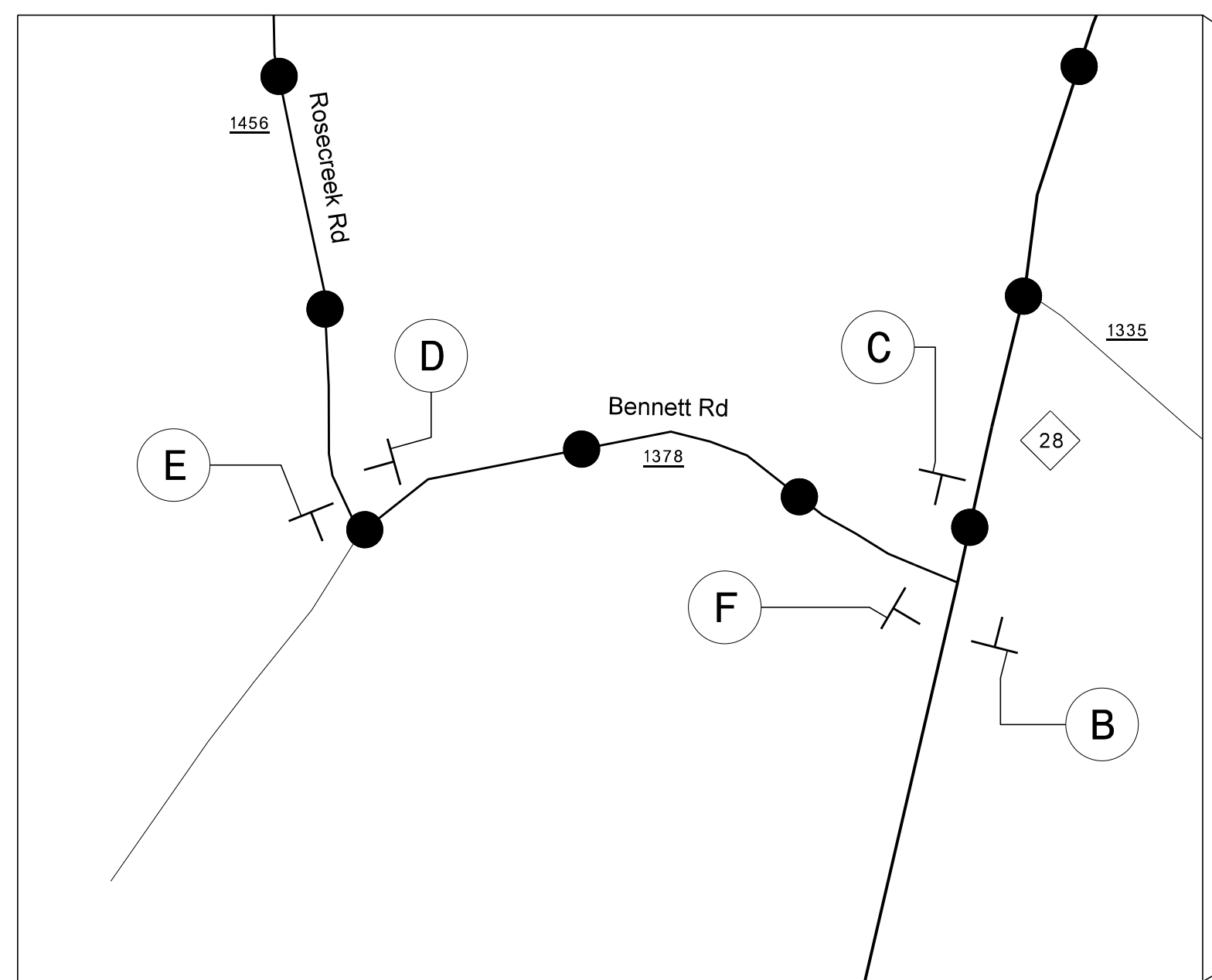
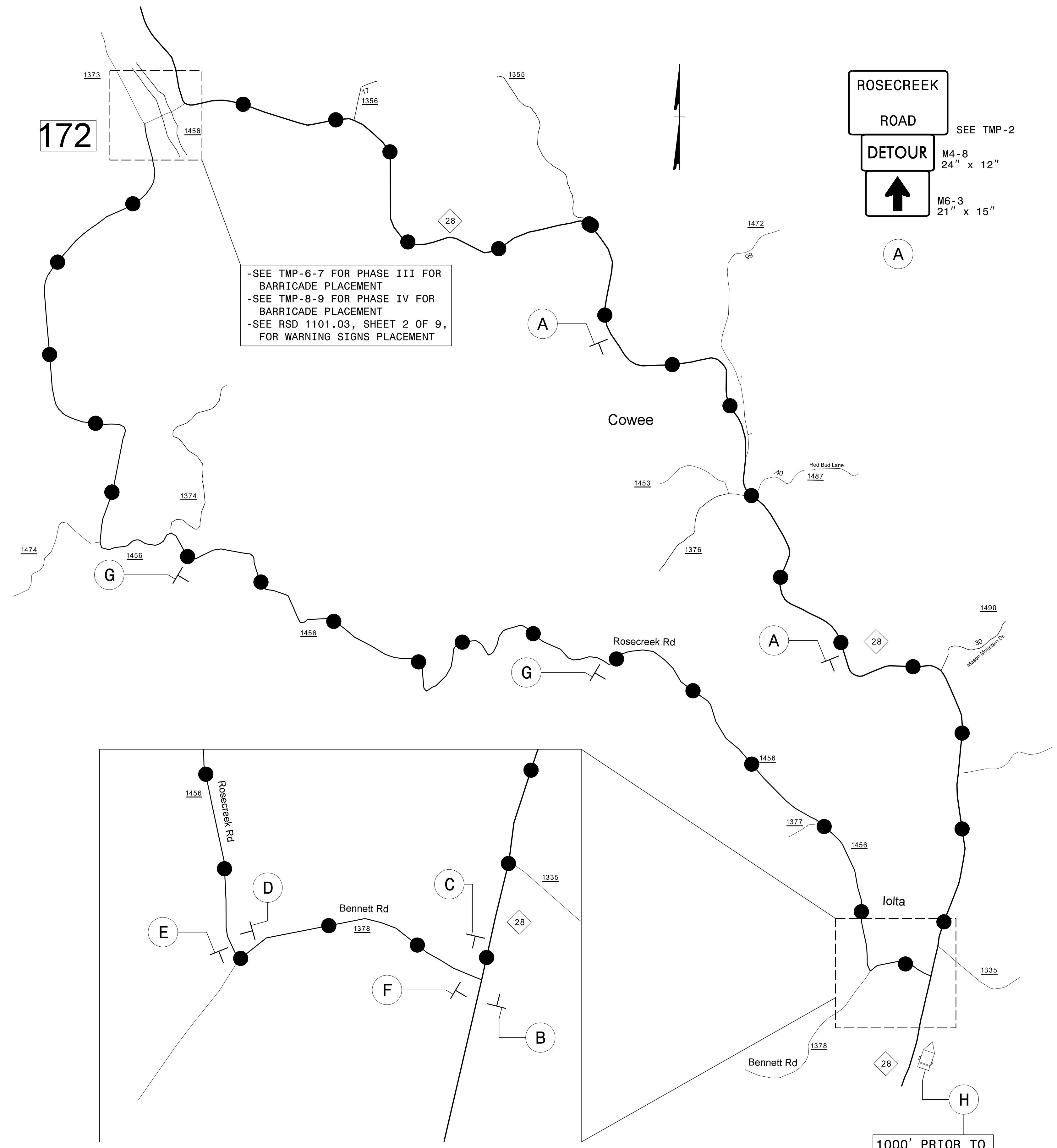
SEE TMP-2

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0791862
 DATE: 7/29/2015



PHASE IV

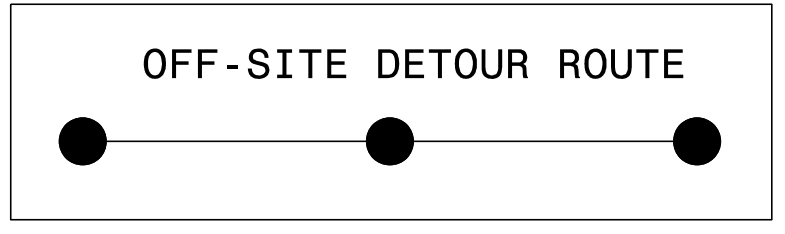
7/29/2015
 P:\TIP\Projects-B\B3868\TrafficControl\TCP\B-3868_TC_TMP_Phase IV-2.dgn
 User:shanson



MESSAGE NO. 1	MESSAGE NO. 2
ROSE-CRK AT NC 28 CLOSED	DETOUR NEXT LEFT

CHANGEABLE MESSAGE SIGN

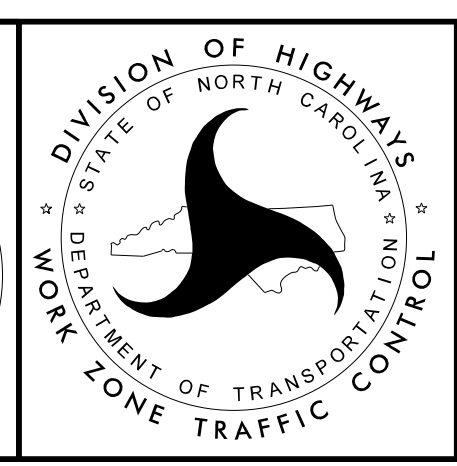
* PHASE III ONLY *



1000' PRIOR TO INTERSECTION

APPROVED: J. W. Woolard, Jr.
DATE: 7/29/2015

PROFESSIONAL SEAL 019862
ENGINEER
J. W. WOOLARD, JR.



OFF-SITE DETOUR

7/29/2015
 P:\TIP\Projects-B\B3868\Traffic\TrafficControl\TCP\B-3868_TC_TMP_Offsite.dgn
 User:shanson