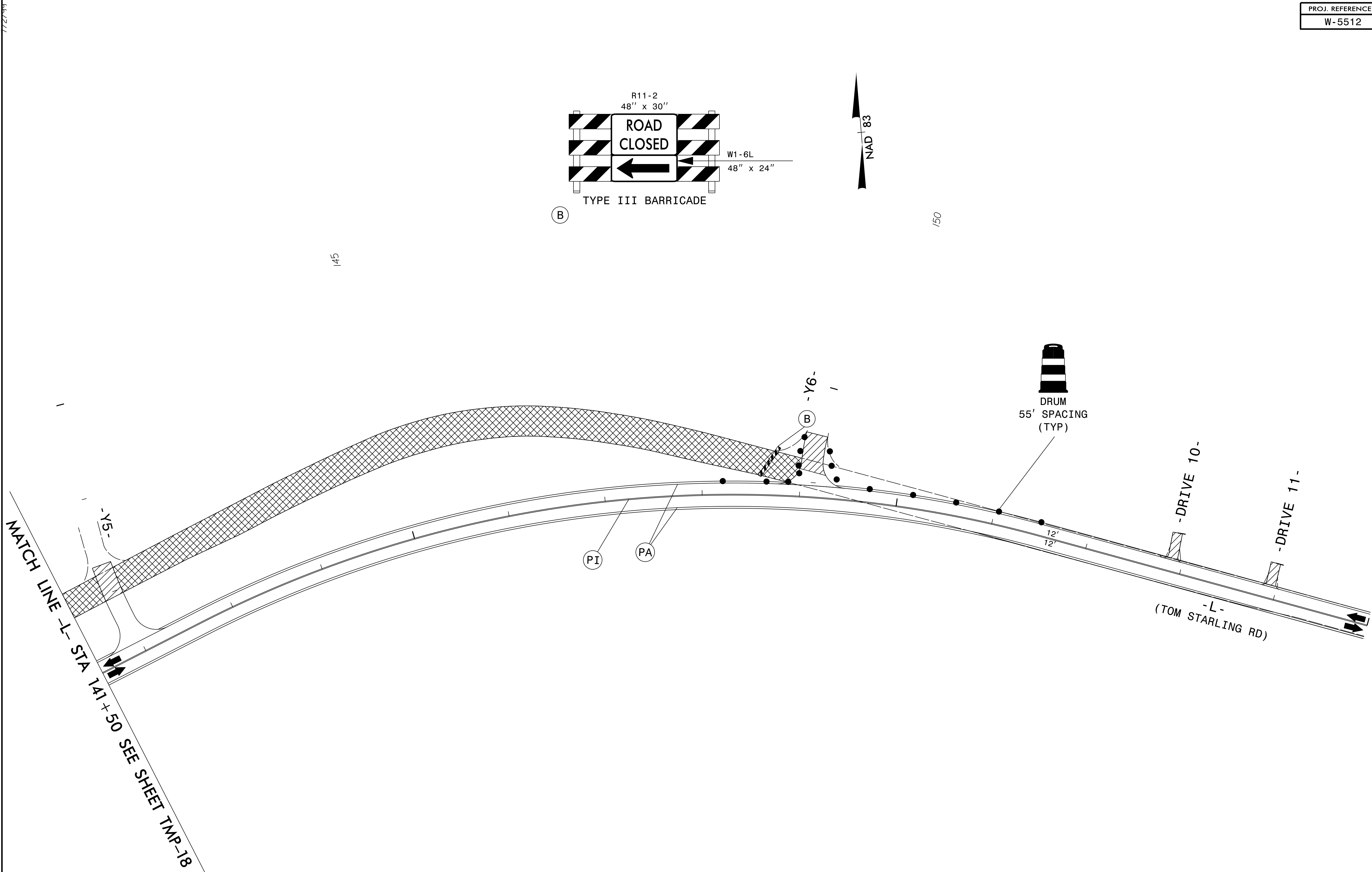
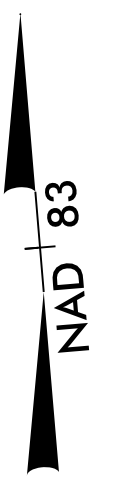
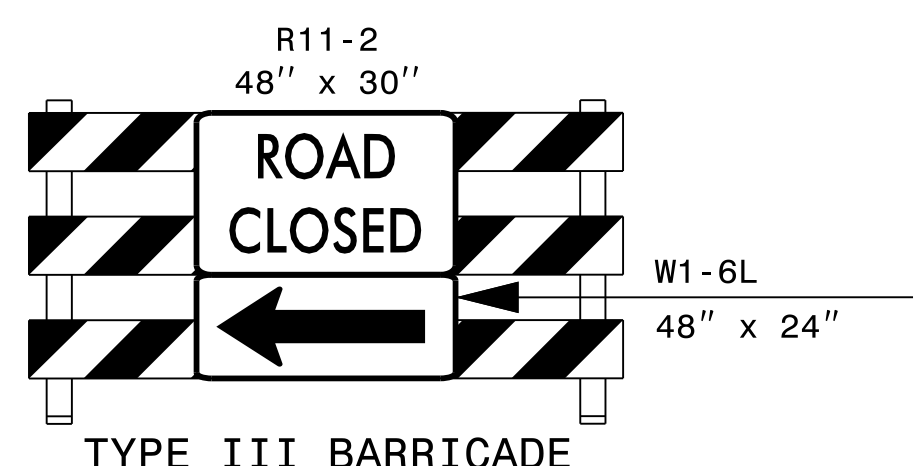


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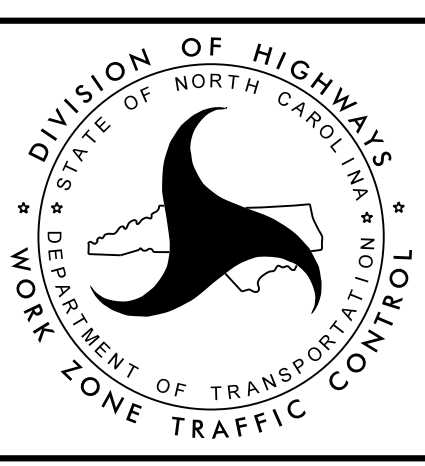
25 MAR 2015 15:37
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 \$\$\$USERNAME\$\$\$

PLANS PREPARED BY
PARSONS
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 RALEIGH, NORTH CAROLINA 27606
 NC LICENSE NO. F-5246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

APPROVED Jason M. Pickens DATE 3/31/2015

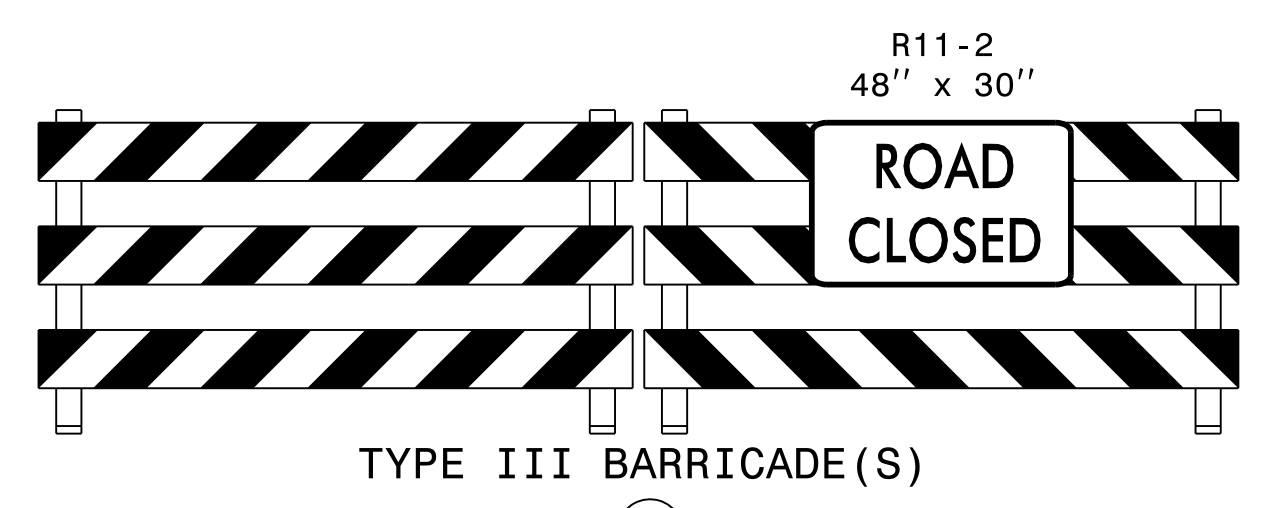
DocuSigned by:
 Jason M. Pickens

SEAL



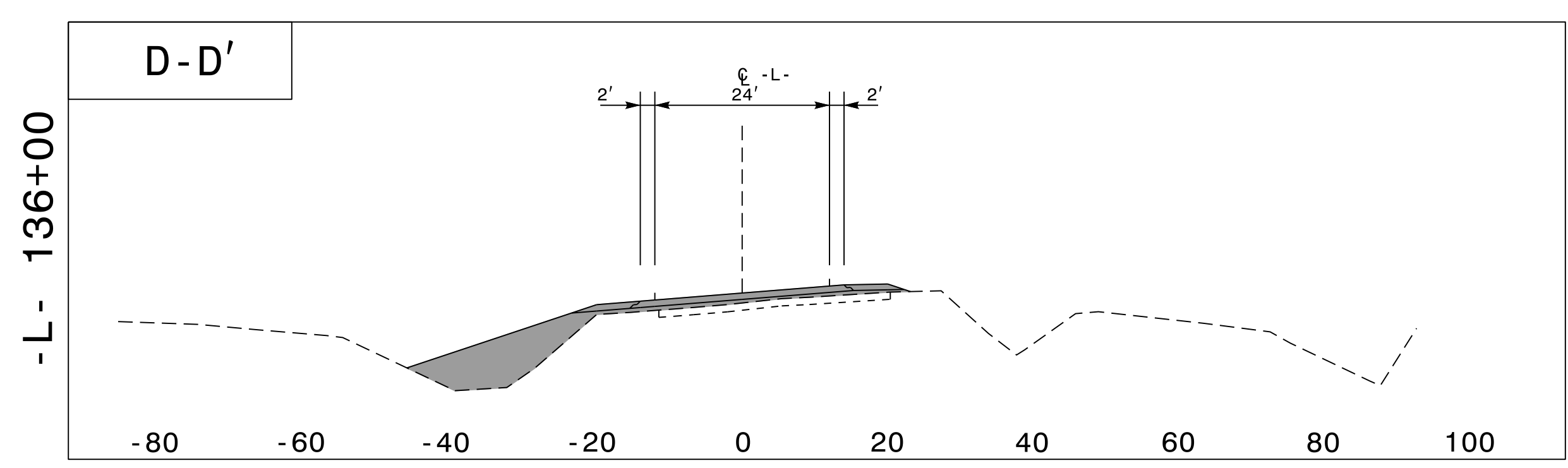
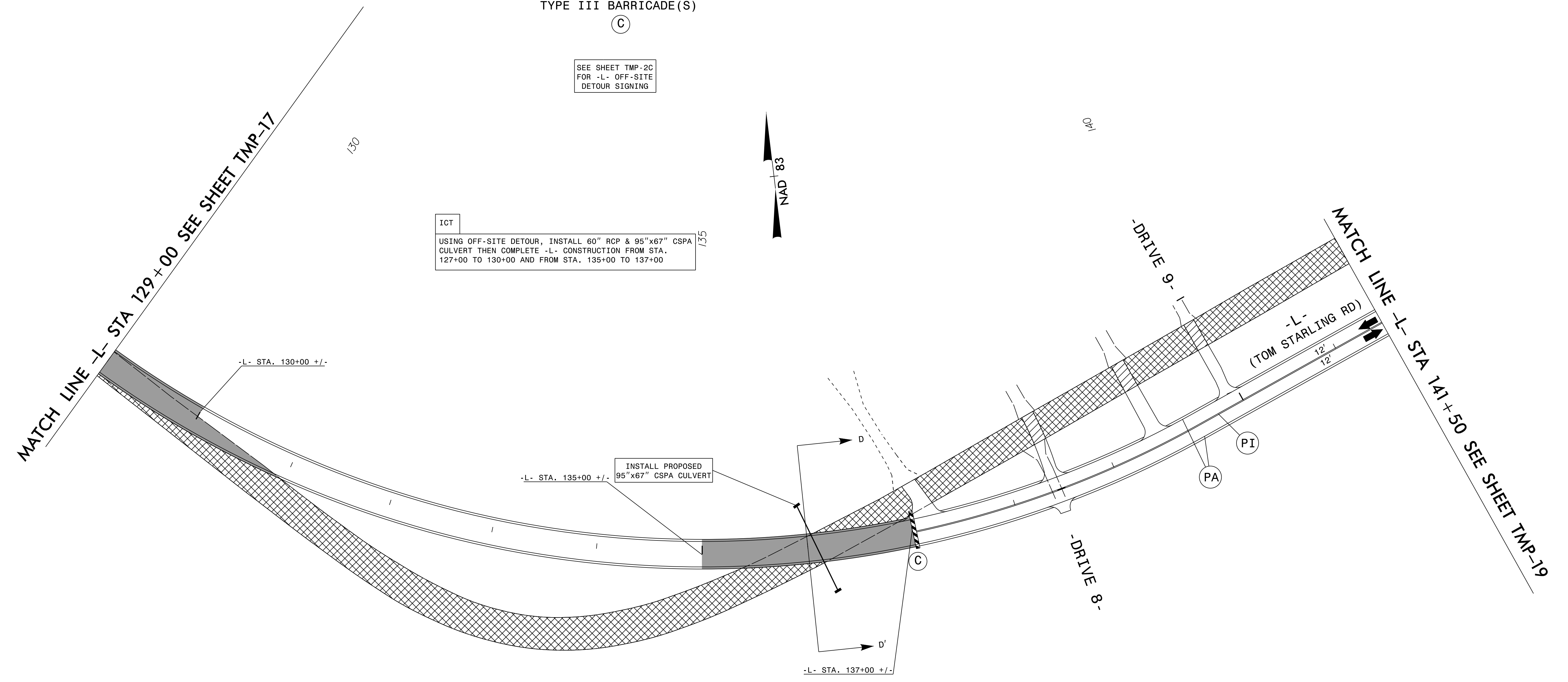
TRANSPORTATION
 MANAGEMENT PLAN

PHASE II
 DETAIL 7



SEE SHEET TMP-2C
FOR -L- OFF-SITE
DETOUR SIGNING

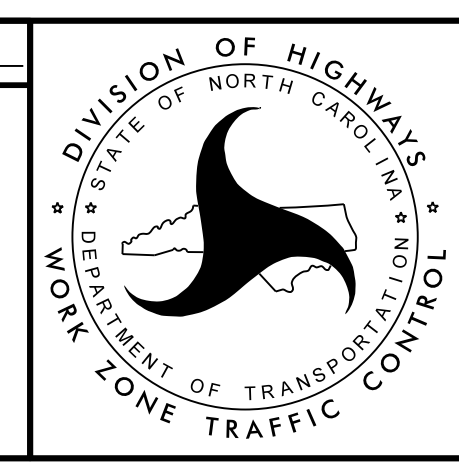
ICT
USING OFF-SITE DETOUR, INSTALL 60" RCP & 95"x67" CSPA
CULVERT THEN COMPLETE -L- CONSTRUCTION FROM STA.
127+00 TO 130+00 AND FROM STA. 135+00 TO 137+00



25 MAR 2015 15:37
\\T:\TrafficControl\TCP\W-5512.TC_TMP_18.dgn
USER:NAME

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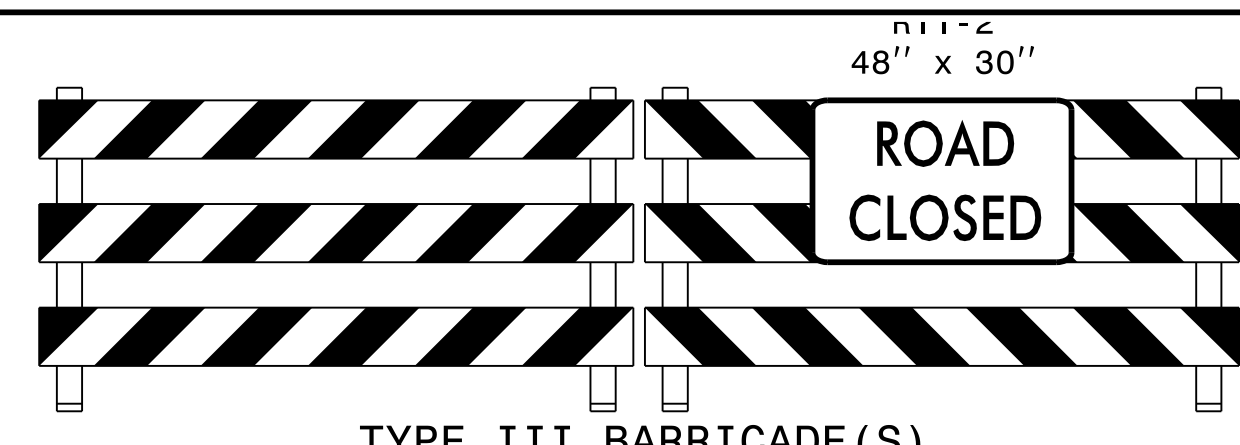
APPROVED: Jason M. Pickens DATE: 3/31/2015
SEAL
NORTH CAROLINA
PROFESSIONAL
ENGINEER
SEAL
37950
JASON M. PICKENS



TRANSPORTATION
MANAGEMENT PLAN

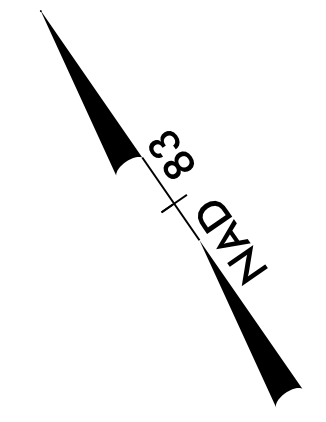
PHASE II
DETAIL 6

| | |
|---------------------|-----------|
| PROJ. REFERENCE NO. | SHEET NO. |
| W-5512 | TMP-17 |



TYPE III BARRICADE(S)

(C)



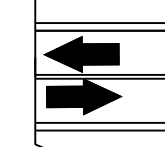
SEE SHEET TMP-20
FOR -L- OFF-SITE
DETOUR SIGNING

ICT

USING OFF-SITE DETOUR, INSTALL 60" RCP & 95"x67" CSPA
CULVERT THEN COMPLETE -L- CONSTRUCTION FROM STA.
127+00 TO 130+00 AND FROM STA. 135+00 TO 137+00

INSTALL PROPOSED
60" RCP

BREAK LINE SEE SHEET TMP-16



-L- (TOM STARLING RD)

-L- STA. 127+00 +/-

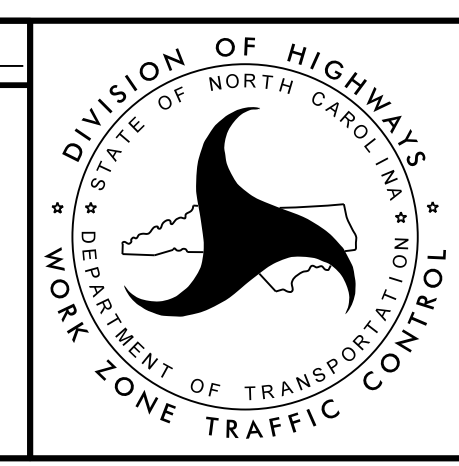
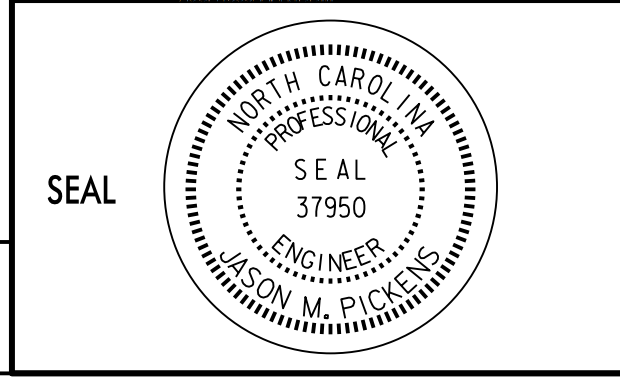
(C)

-DRIVE 7-

MATCH LINE -L- STA 129+00 SEE SHEET TMP-18

25 MAR 2015 15:37
C:\Users\jpickens\Documents\TrafficControl\TCP\W-5512-TC-TMP-17.dgn
jpickens

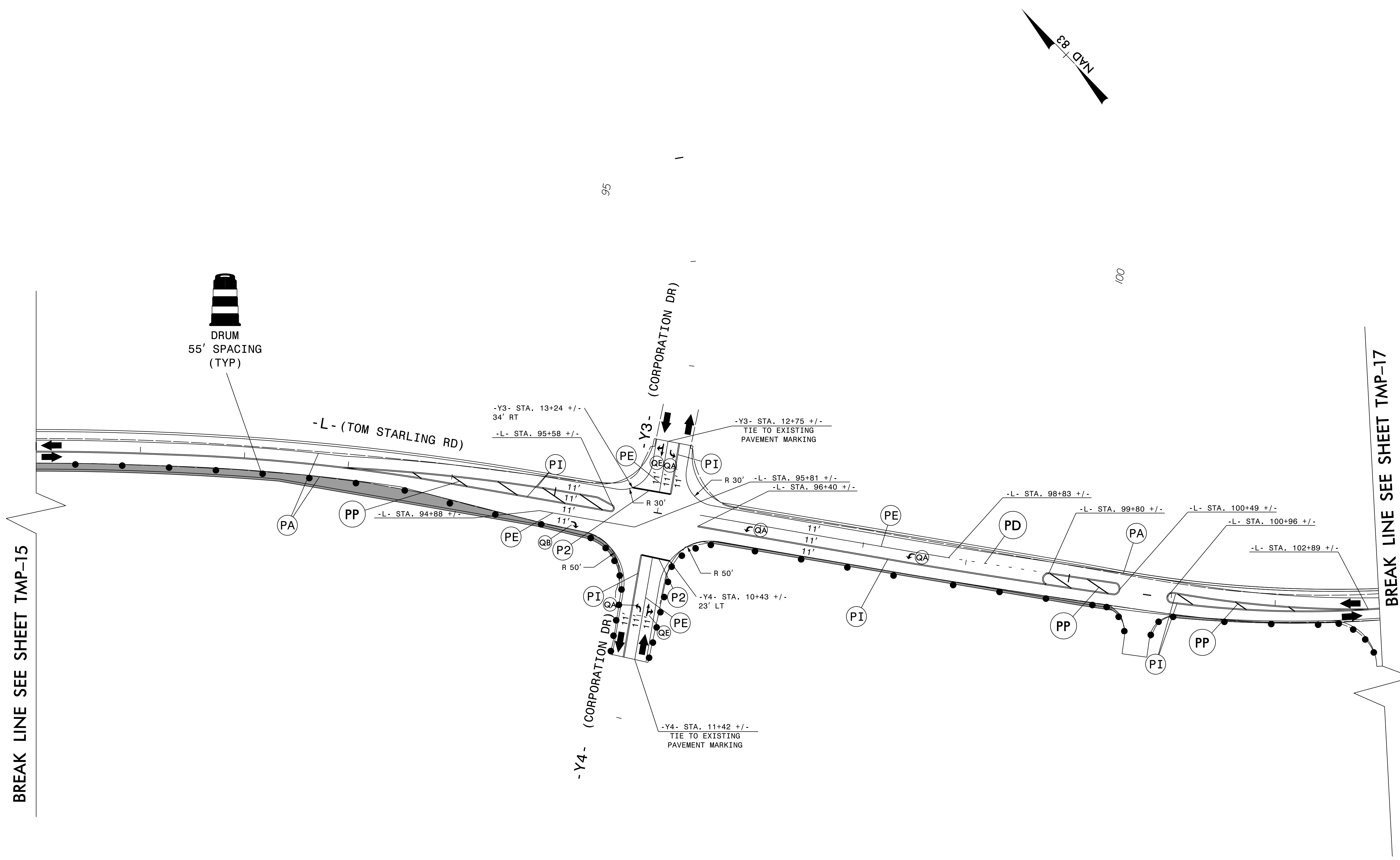
APPROVED: Jason M. Pickens DATE: 3/31/2015



TRANSPORTATION
MANAGEMENT PLAN

PHASE II
DETAIL 5

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RALEIGH, NORTH CAROLINA 27606
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FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

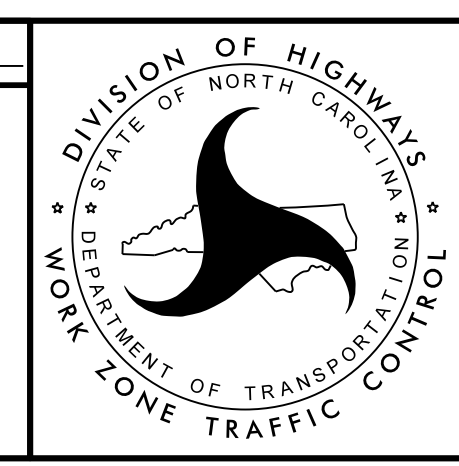
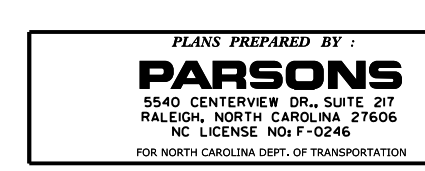
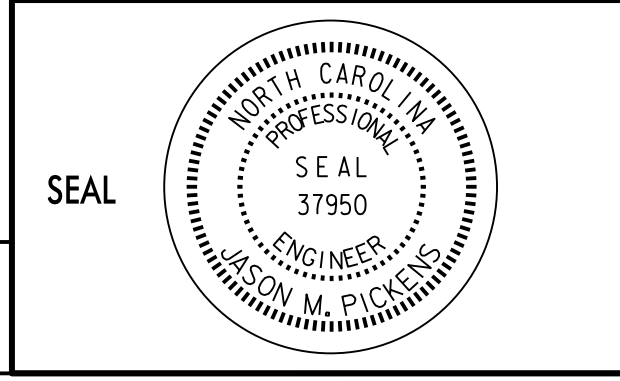


BREAK LINE SEE SHEET TMP-15

BREAK LINE SEE SHEET TMP-17

25 MAR 2015 15:37 \\TrafficControl\TCP\W-5512.TC_TMP_16.dgn

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TRANSPORTATION MANAGEMENT PLAN

PHASE II
DETAIL 4

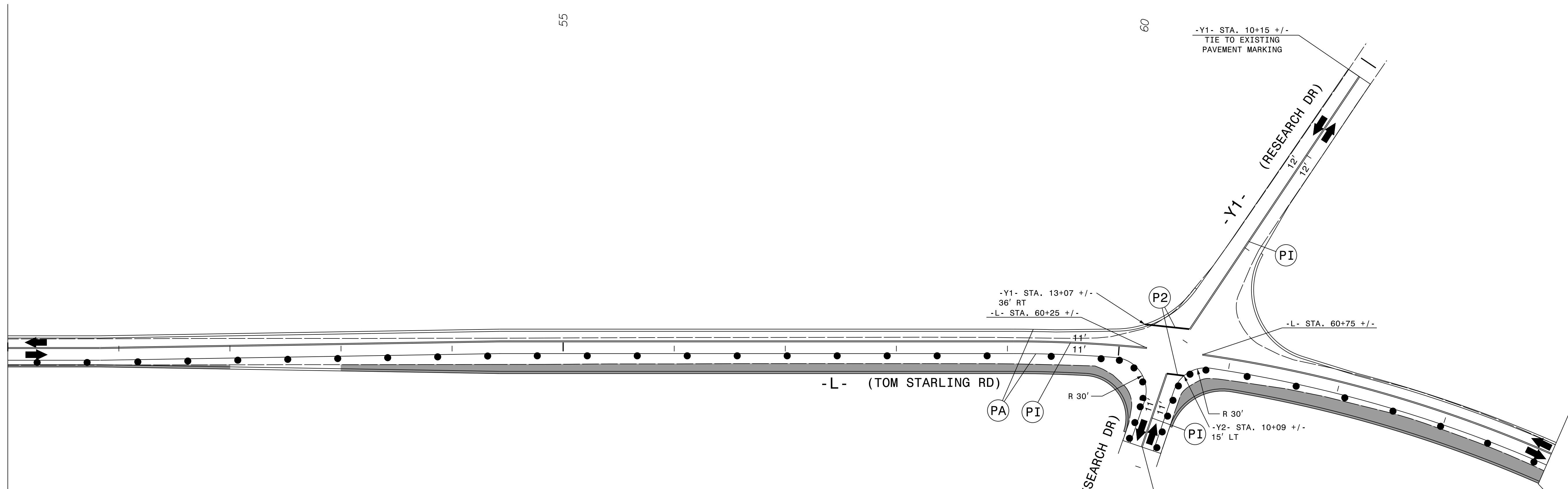
772794

MATCH LINE -L- STA 50+00 SEE SHEET TMP-14

55

NAD 83

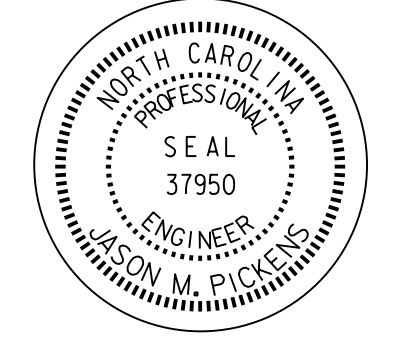
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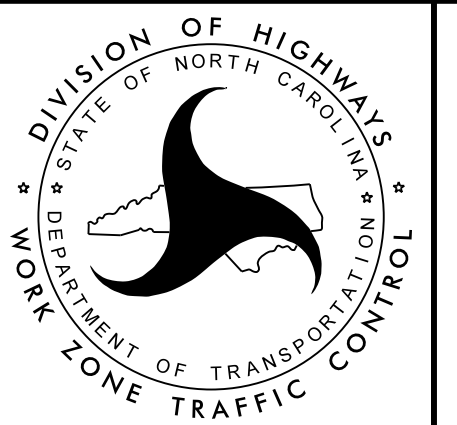


BREAK LINE SEE SHEET TMP-16

25 MAR 2015 15:37
\\TCPCN\TrafficControl\TCP\W-5512.TC_TMP_15.dgn
\$\$\$\$\$USERNAME\$\$\$\$\$

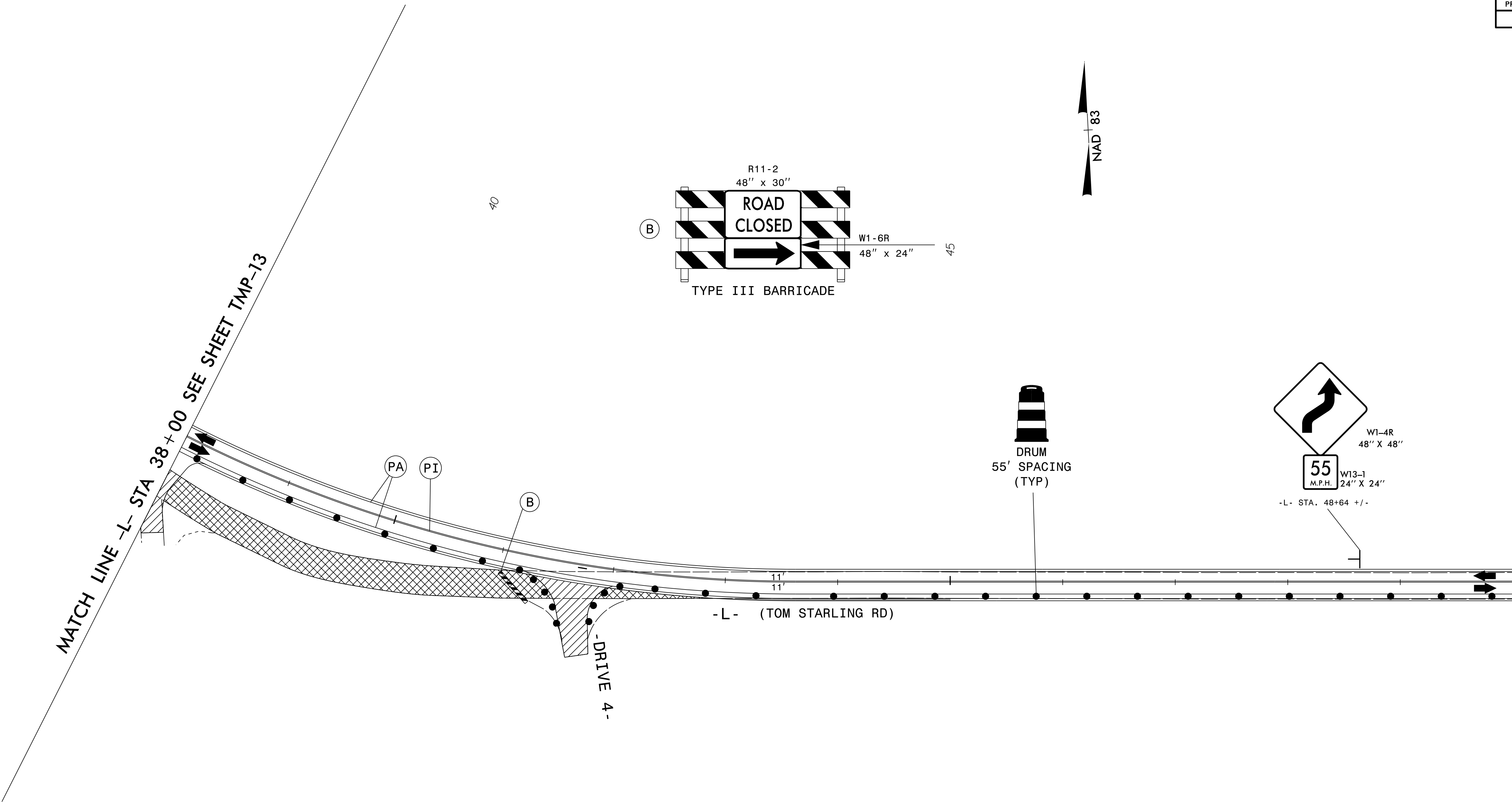
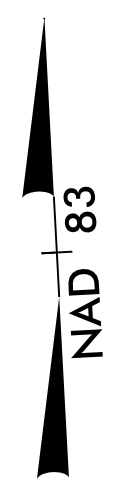
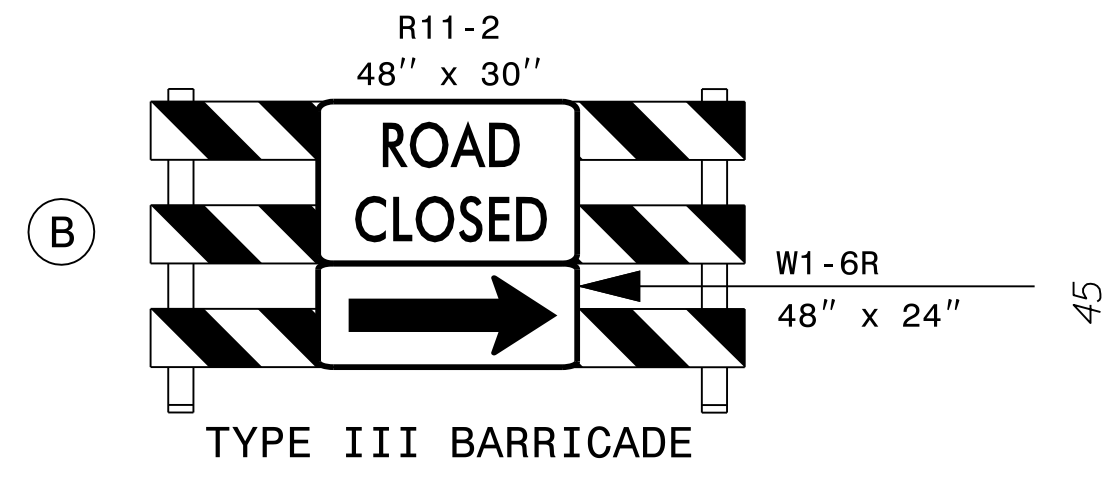
PLANS PREPARED BY
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APPROVED: *Jason M. Pickens* DATE 3/31/2015
 SEAL




TRANSPORTATION
 MANAGEMENT PLAN
 PHASE II
 DETAIL 3

MATCH LINE -L- STA 38+00 SEE SHEET TMP-13



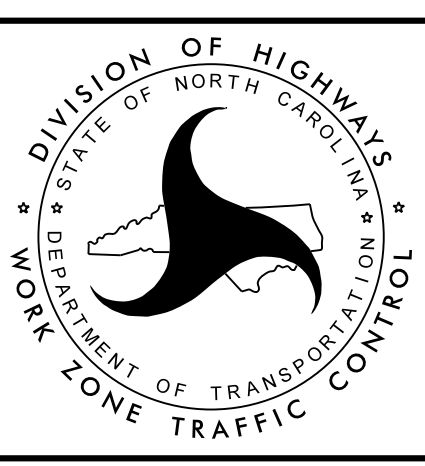
MATCH LINE -L- STA 50+00 SEE SHEET TMP-15

25 MAR 2015 15:37
C:\Users\jpickens\Documents\TrafficControl\TCP\W-5512.TC.TMP_14.dgn
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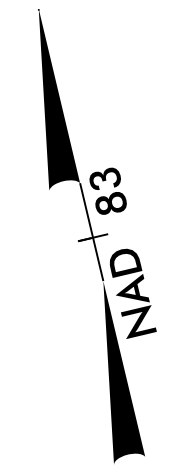
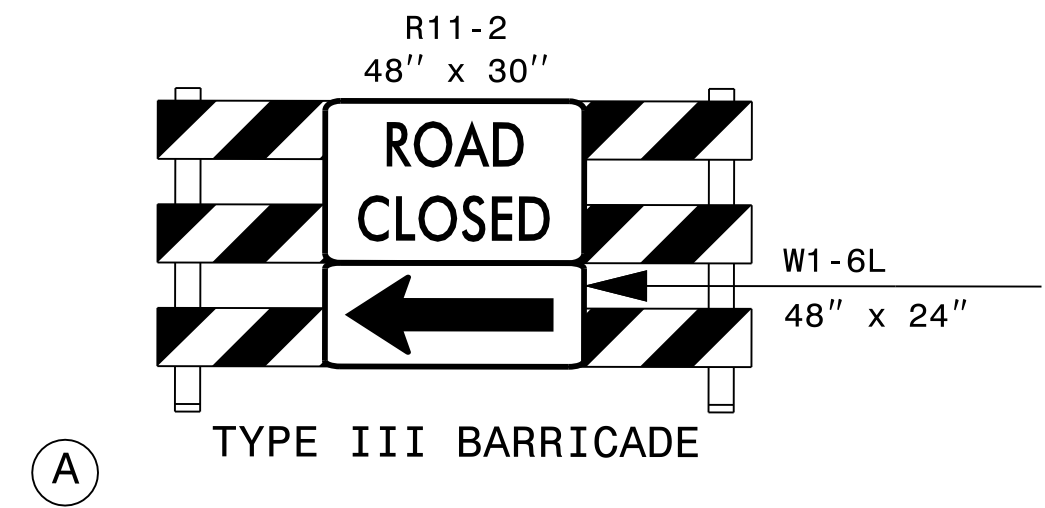
APPROVED: *Jason M. Pickens* DATE: 3/31/2015

SEAL



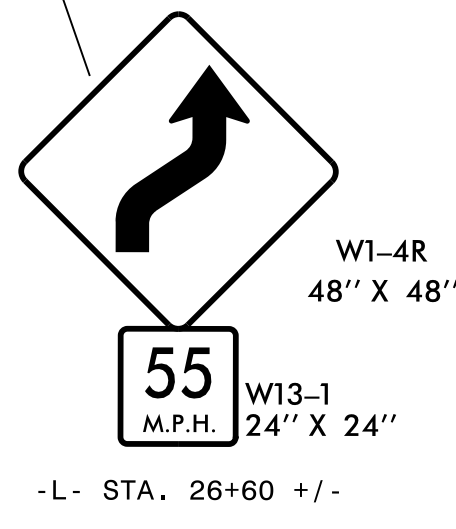
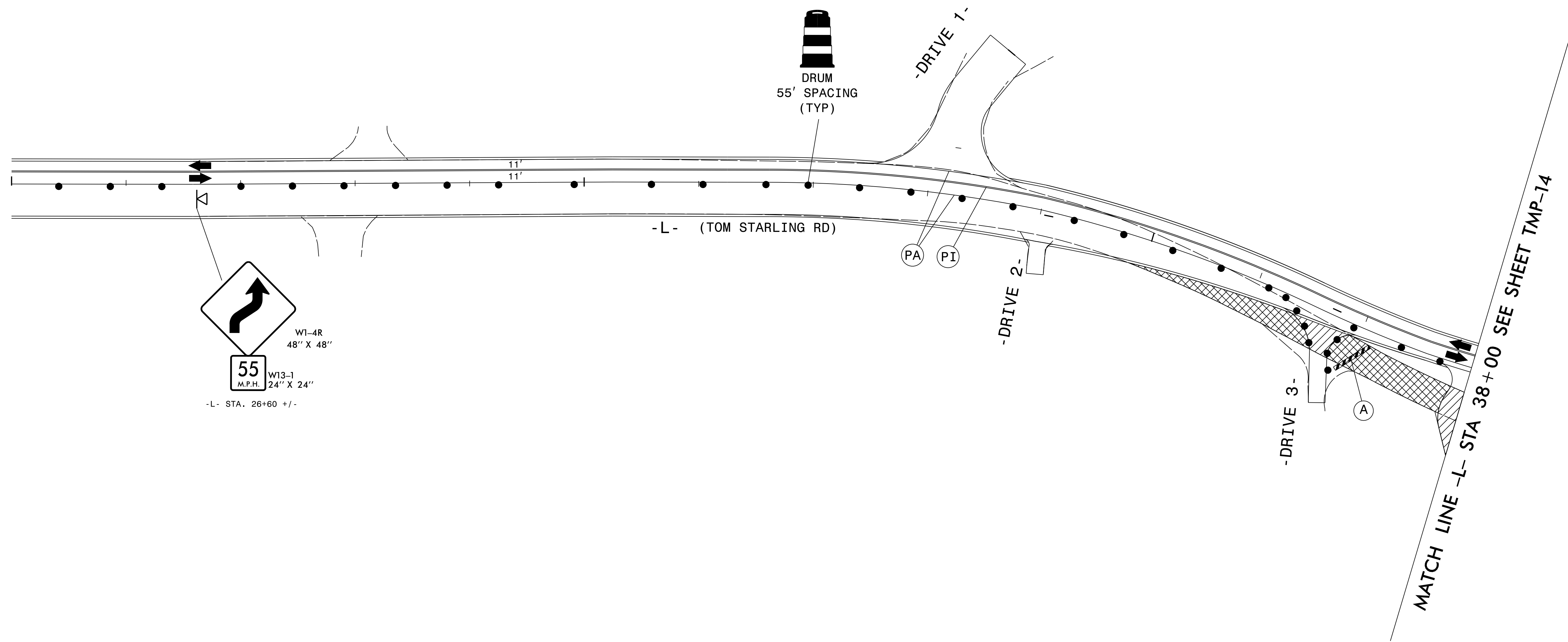
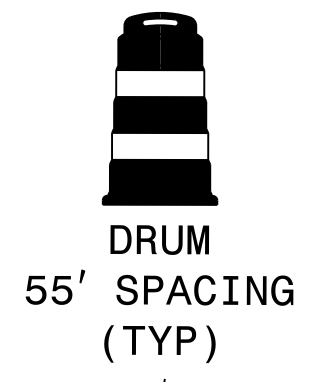
TRANSPORTATION
MANAGEMENT PLAN

PHASE II
DETAIL 2



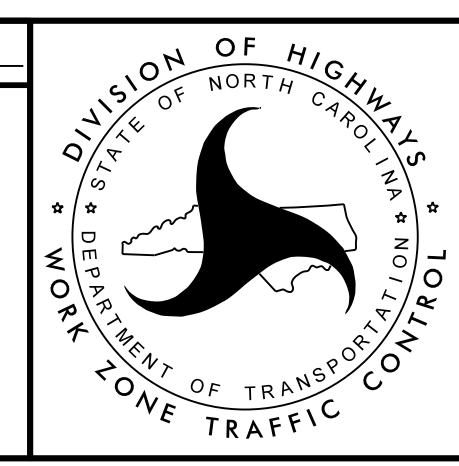
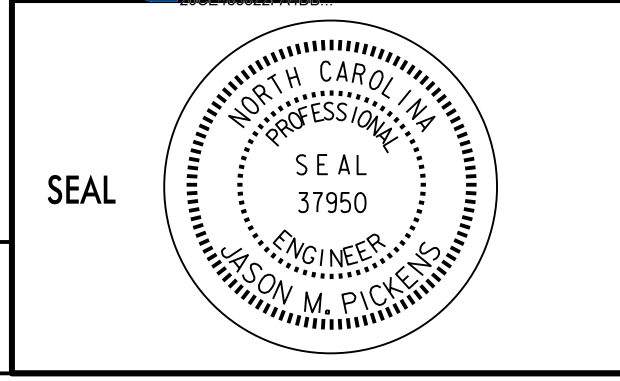
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35



25 MAR 2015 15:37
 C:\Users\jason.m.pickens\Documents\TrafficControl\TCP\W-5512.TC.TMP_13.dgn
 \$\$\$USERNAME\$\$\$

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TRANSPORTATION
MANAGEMENT PLAN

PHASE II
DETAIL 1

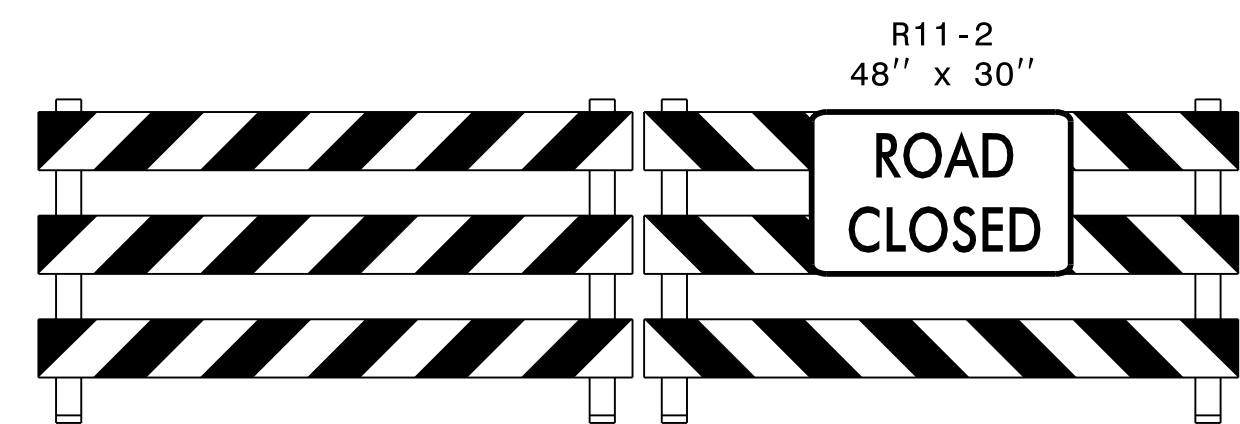
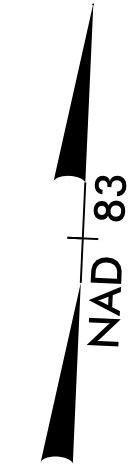
PLANS PREPARED BY
PARSONS
5540 CENTERVIEW DR., SUITE 211
RALEIGH, NORTH CAROLINA 27606
NO. LICENSE NO. F-5246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

772799

ICT
 USING OFF-SITE DETOUR, INSTALL 36" RCP
 THEN COMPLETE -L- CONSTRUCTION FROM
 STA. 213+00 TO 215+00

215

220



TYPE III BARRICADE(S)

(C)

SEE SHEET TMP-2B
 FOR -L- OFF-SITE
 DETOUR SIGNING

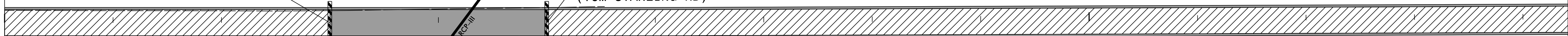
INSTALL PROPOSED
 36" RCP

-L- STA. 213+00 +/-

-L- STA. 215+00 +/-

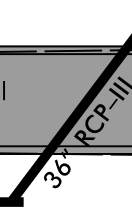
(TOM STARLING RD)

BREAK LINE SEE SHEET TMP-11



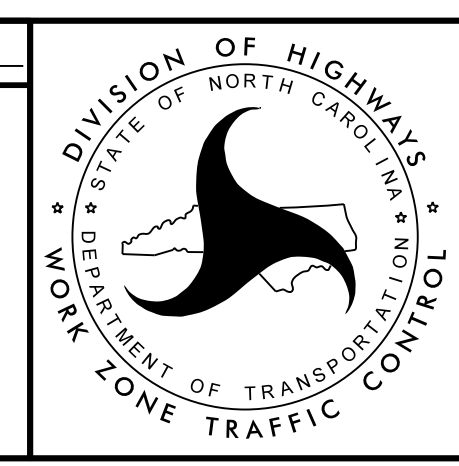
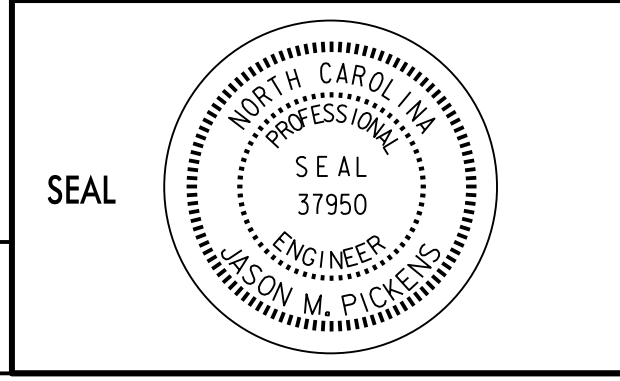
(C)

(C)



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 C:\Users\jason.m.pickens\TrafficControl\TCP\W-5512_TC_TMP-12.dgn
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APPROVED: Jason M. Pickens DATE: 3/31/2015
201503312224102

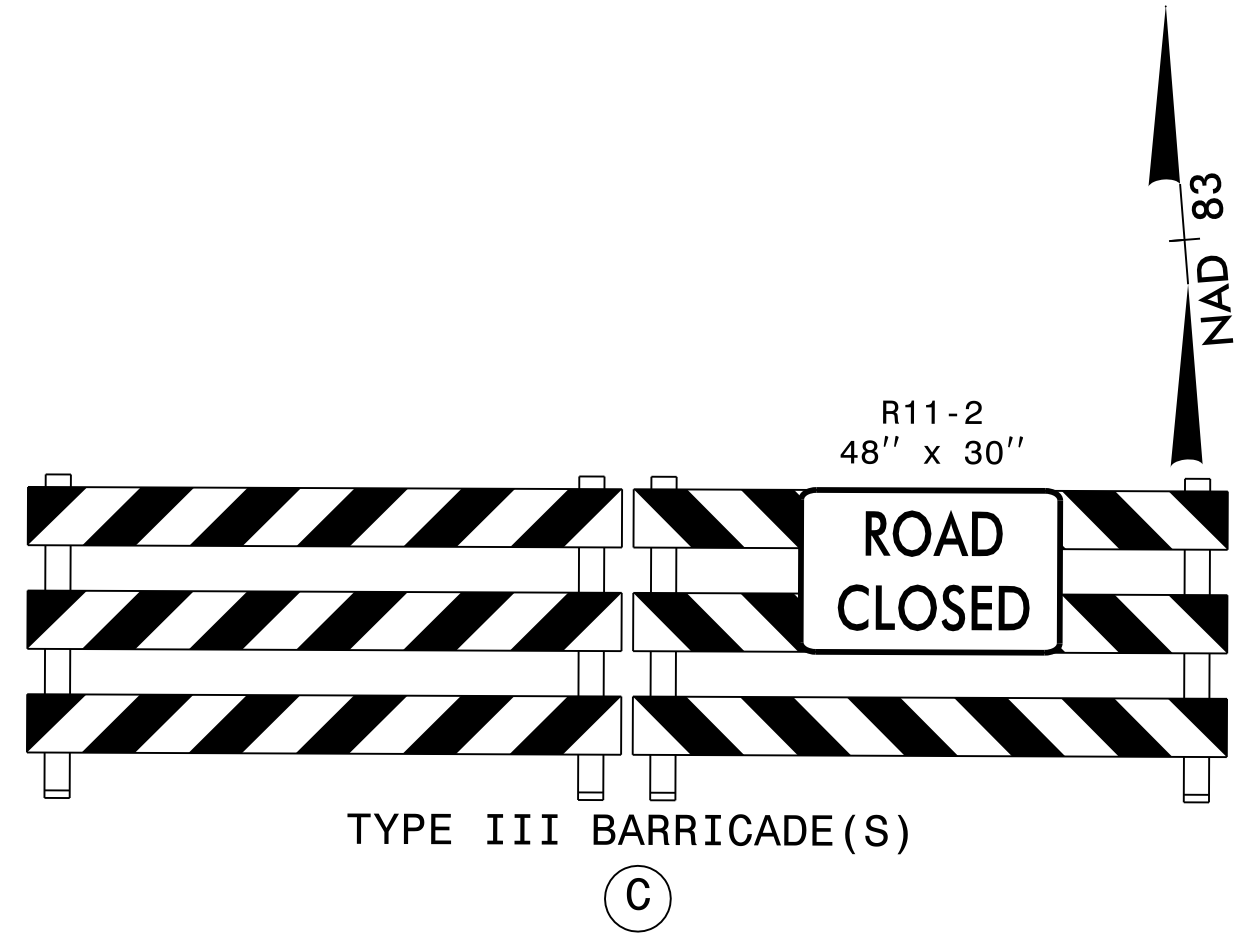


TRANSPORTATION MANAGEMENT PLAN

PHASE I
DETAIL 9

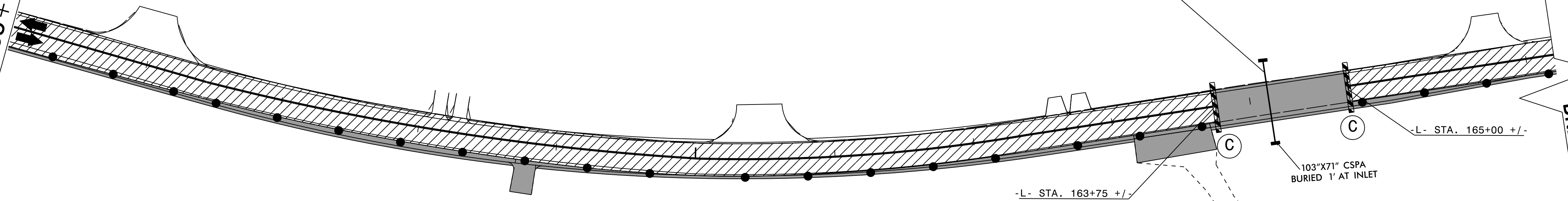
PLANS PREPARED BY
PARSONS
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 RALEIGH, NORTH CAROLINA 27606
 NC LICENSE NO. F-5246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

ICT
 USING OFF-SITE DETOUR, INSTALL 103"x71" CSPA
 CULVERT THEN COMPLETE -L- CONSTRUCTION FROM
 STA. 163+75 TO 165+00



SEE SHEET TMP-2A
 FOR -L- OFF-SITE
 DETOUR SIGNING

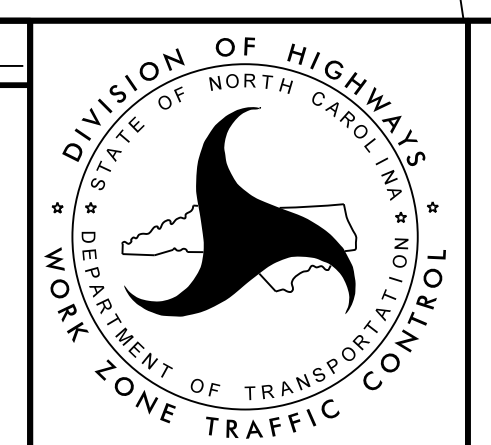
MATCH LINE -L- STA 155+00 SEE SHEET TMP-10



BREAK LINE SEE SHEET TMP-12

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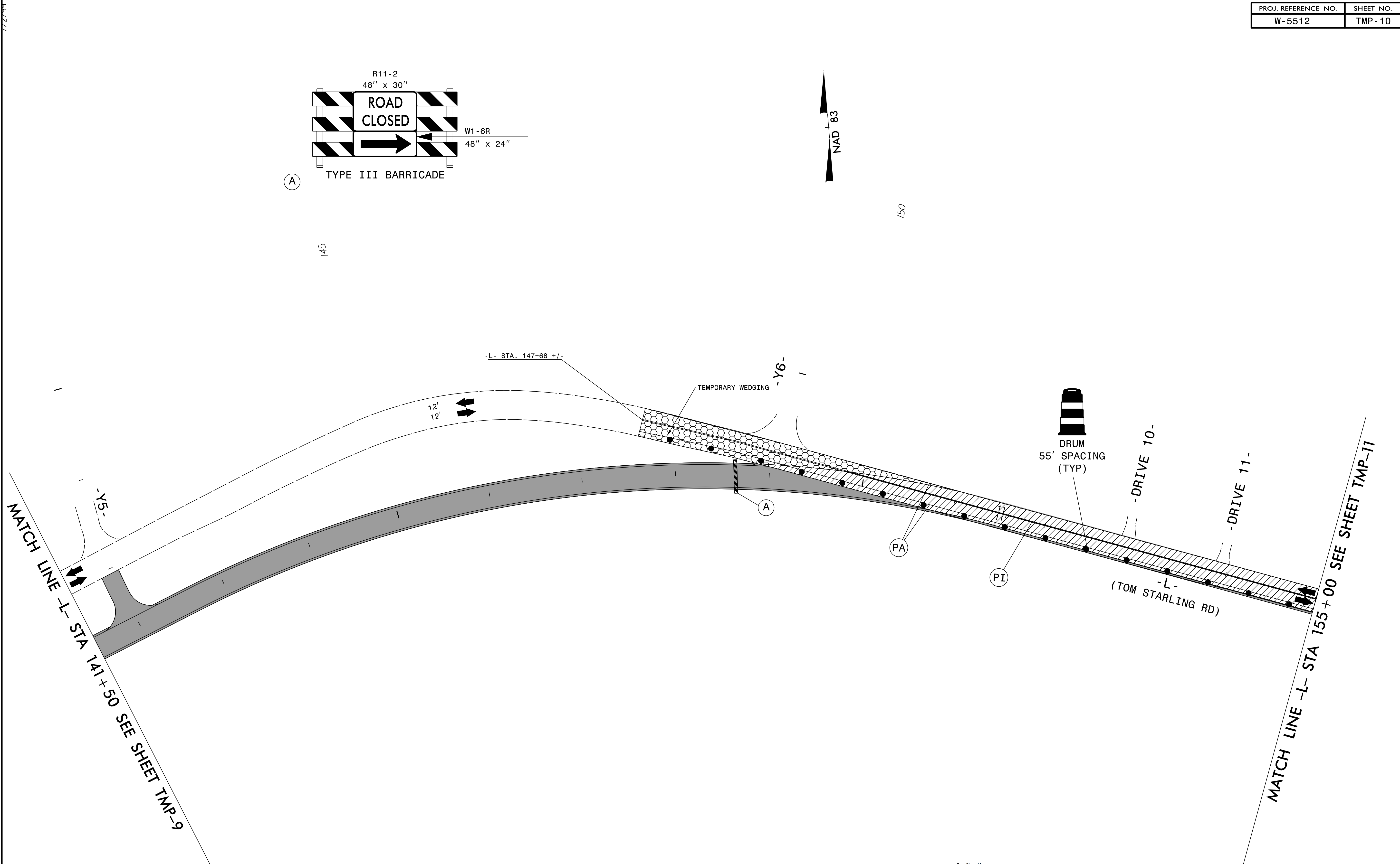
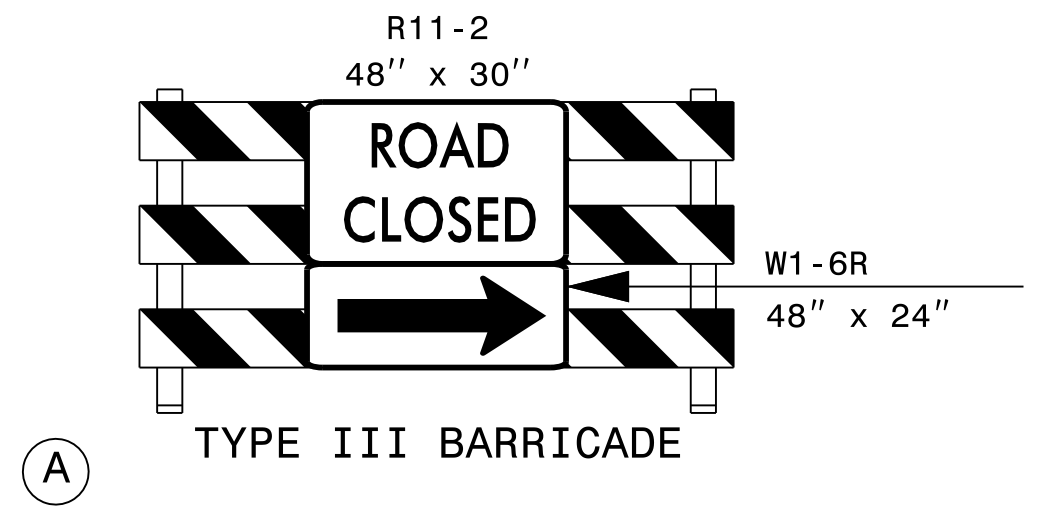
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TRANSPORTATION
 MANAGEMENT PLAN

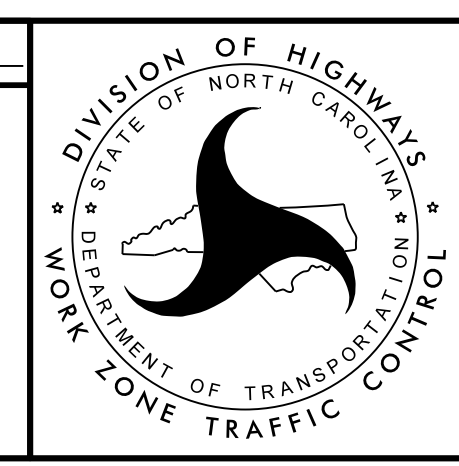
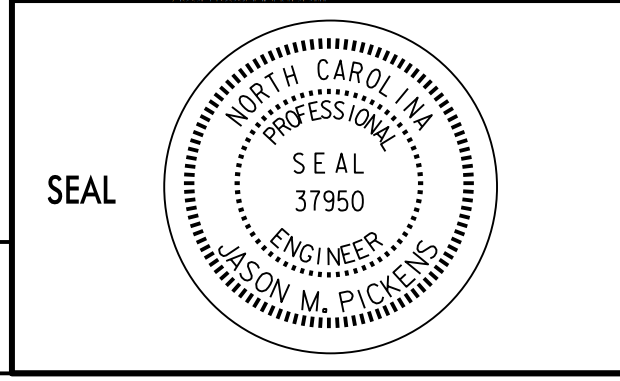
PHASE I
 DETAIL 8

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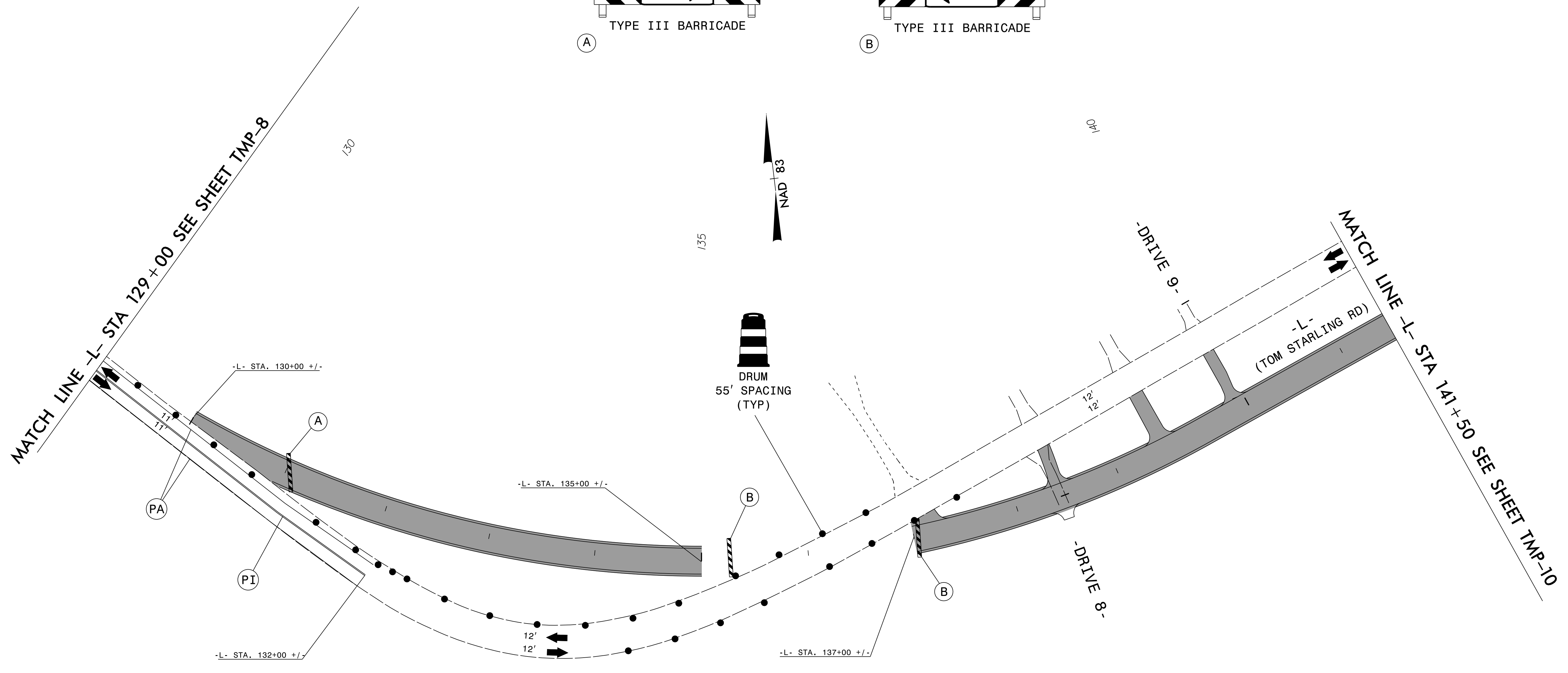
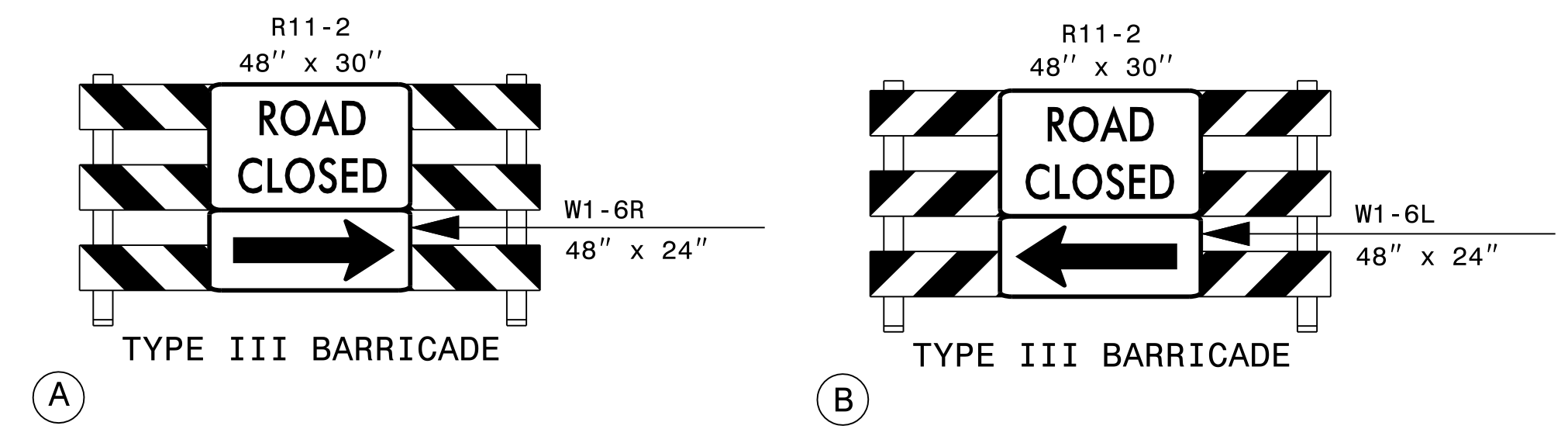
APPROVED: Jason M. Pickens DATE: 3/31/2015



TRANSPORTATION
MANAGEMENT PLAN

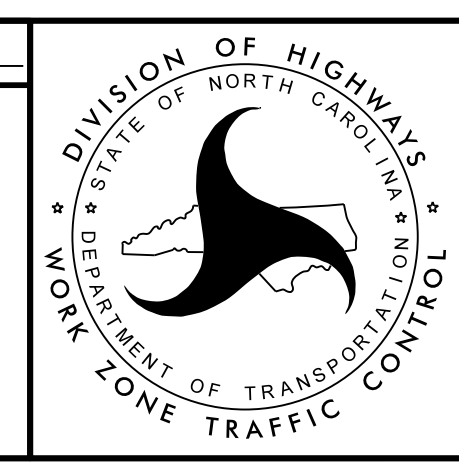
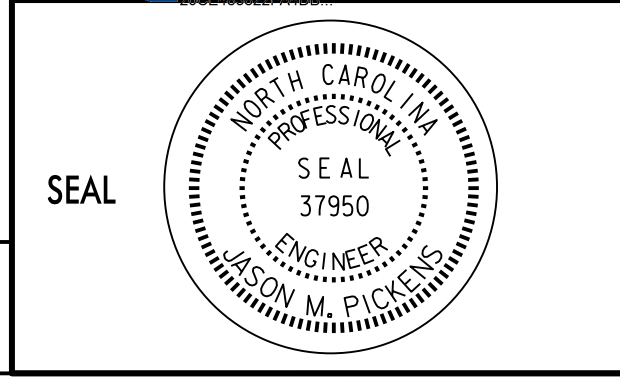
PHASE I
DETAIL 7

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25 MAR 2015 15:36
 C:\Users\jpickens\TrafficControl\TCP\W-5512.TC.TMP_09.dgn
 USER: J.PICKENS

APPROVED: Jason M. Pickens DATE 3/31/2015

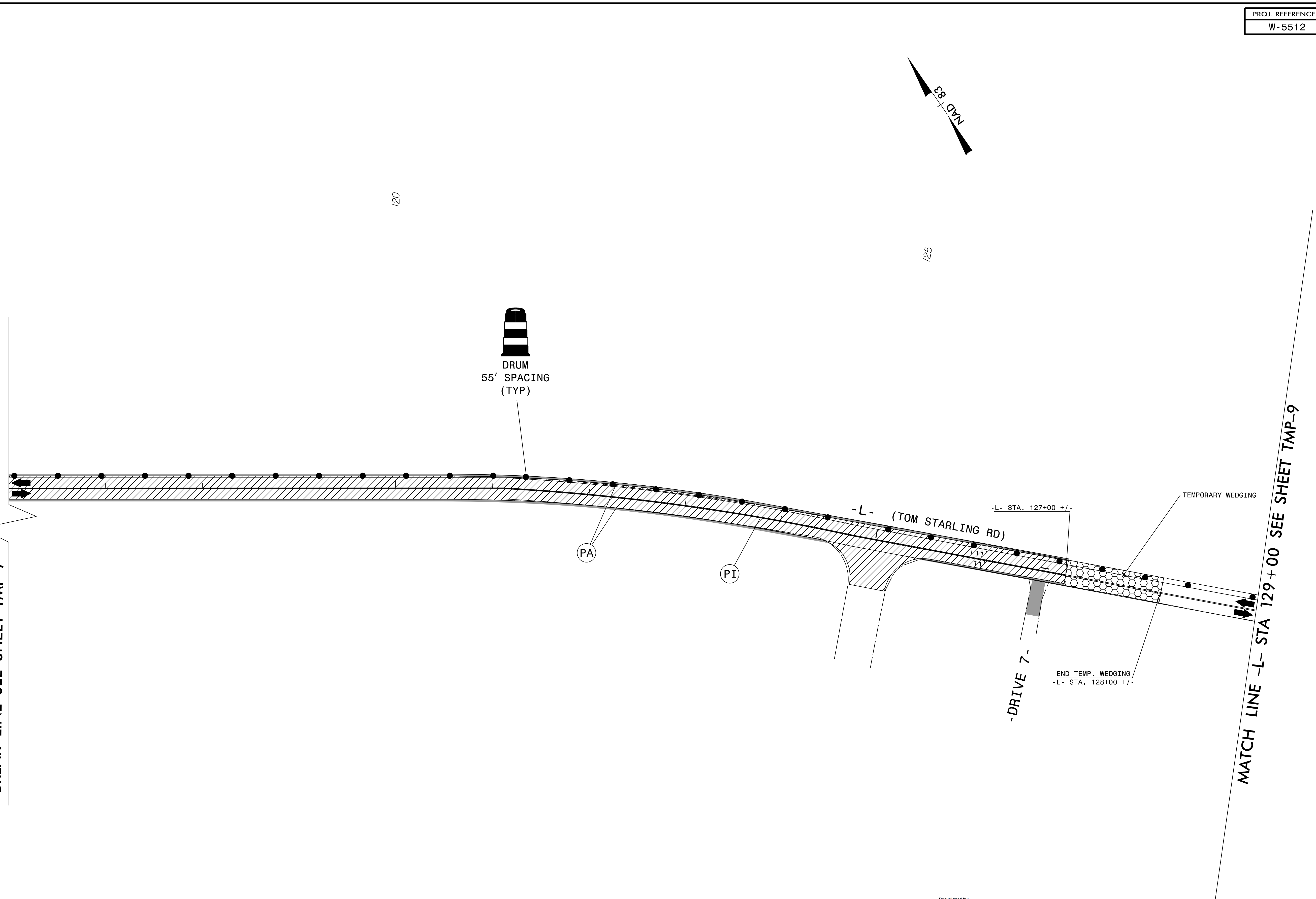


TRANSPORTATION
MANAGEMENT PLAN

PHASE I
DETAIL 6

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PARSONS
5540 CENTERVIEW DR., SUITE 217
RALEIGH, NORTH CAROLINA 27606
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FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

BREAK LINE SEE SHEET TMP-7

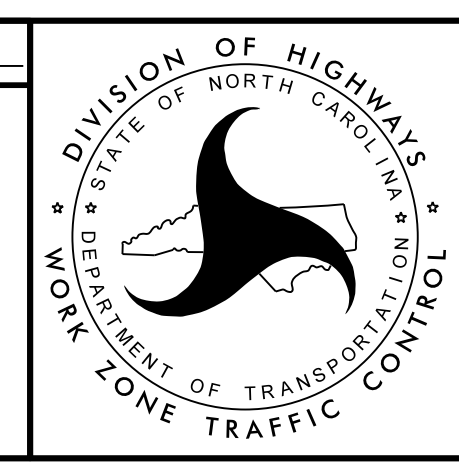


25 MAR 2015 15:36
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2002483322EADFB

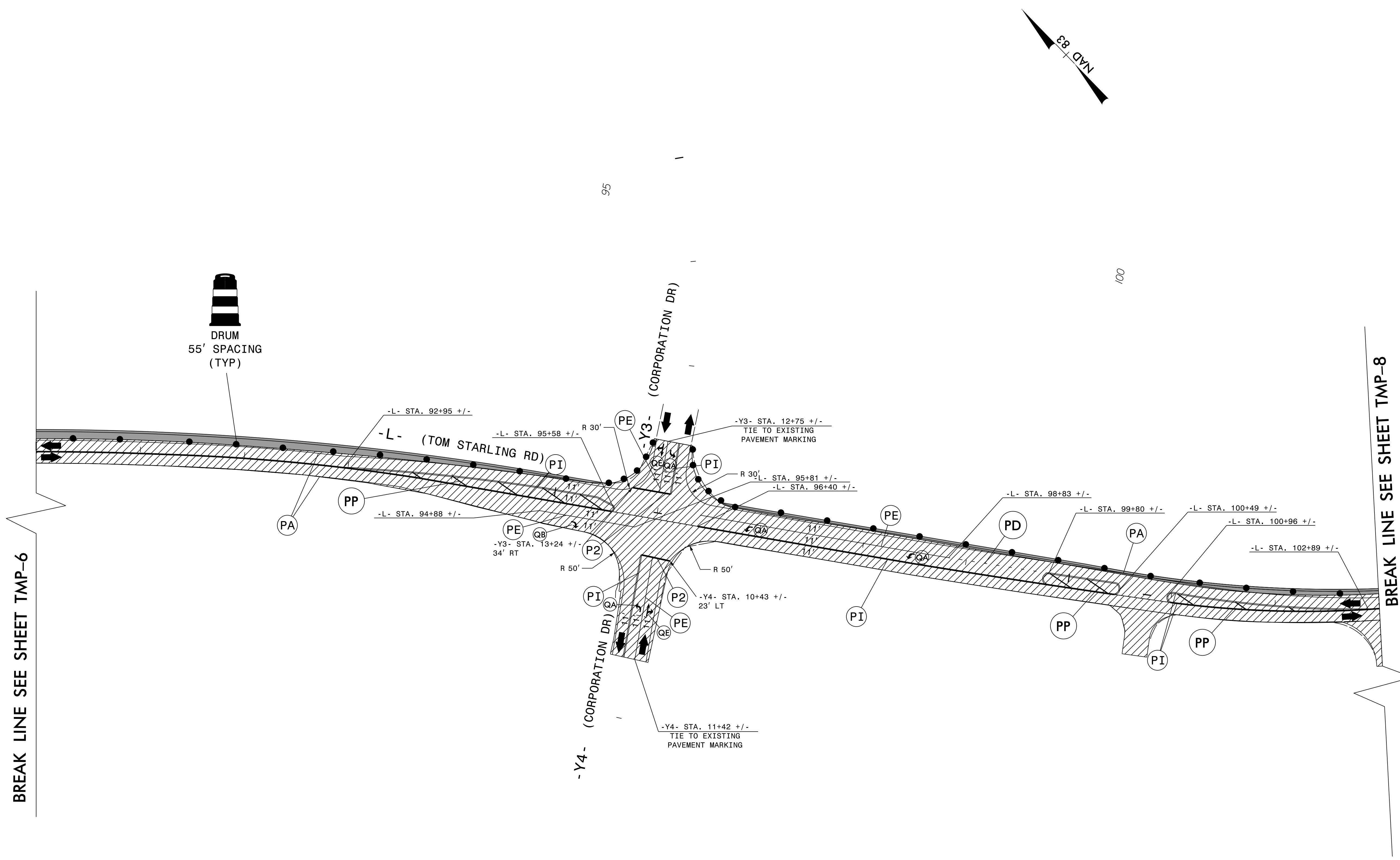
SEAL

PLANS PREPARED BY
PARSONS
 5540 CENTERVIEW DR., SUITE 201
 RALEIGH, NORTH CAROLINA 27606
 NC LICENSE NO. P-5246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION



TRANSPORTATION
 MANAGEMENT PLAN

**PHASE I
 DETAIL 5**

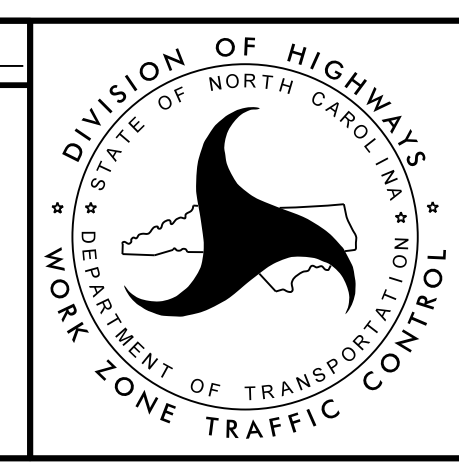
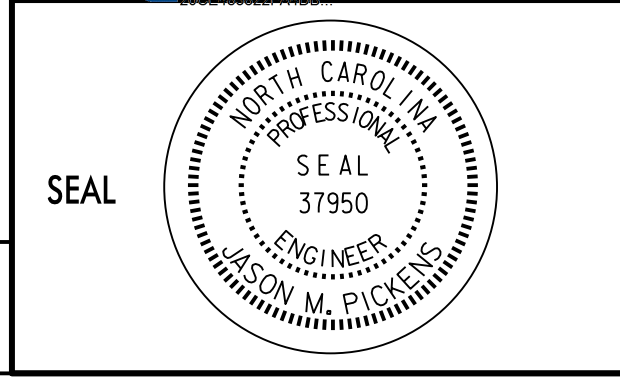


BREAK LINE SEE SHEET TMP-6

BREAK LINE SEE SHEET TMP-8

25 MAR 2015 15:36
 C:\Users\jason.m.pickens\Documents\TrafficControl\TCP\W-5512.TC.TMP_07.dgn
 USER: JASON.M.PICKENS

APPROVED: Jason M. Pickens DATE: 3/31/2015

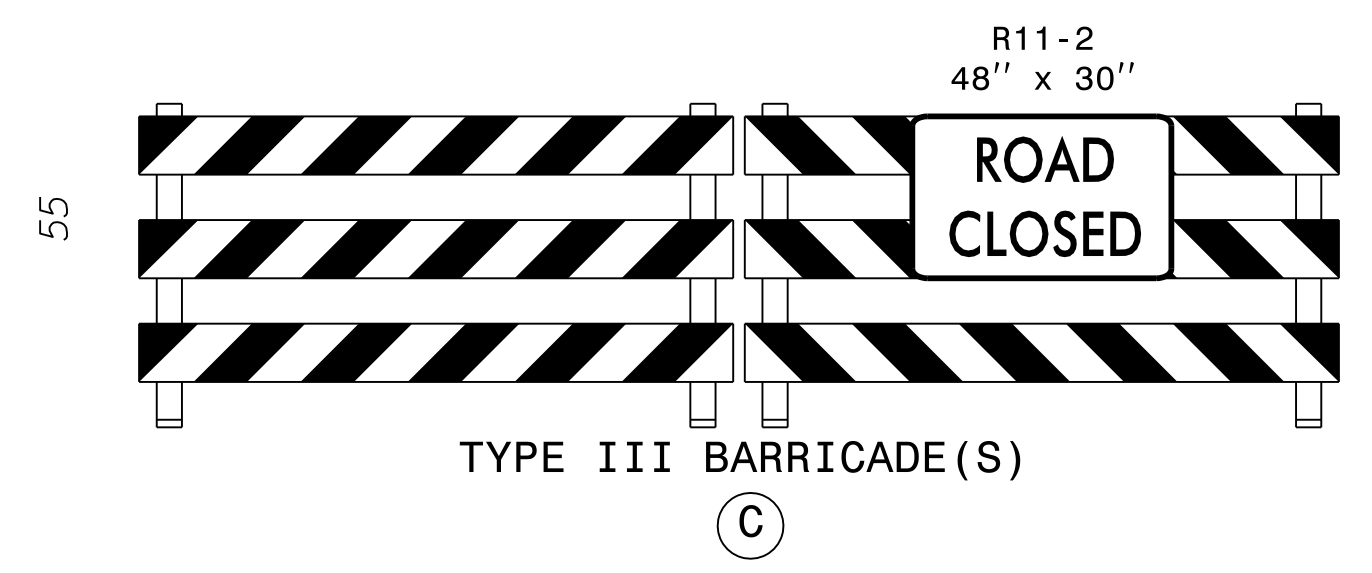


TRANSPORTATION
MANAGEMENT PLAN

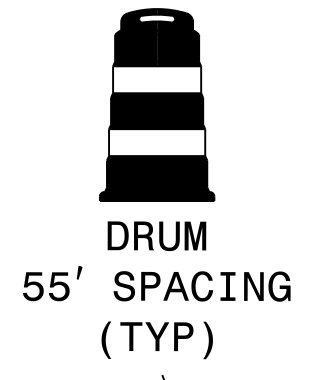
PHASE I
DETAIL 4

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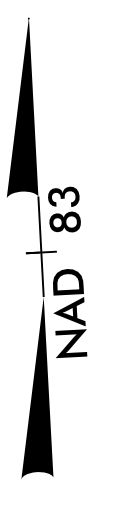
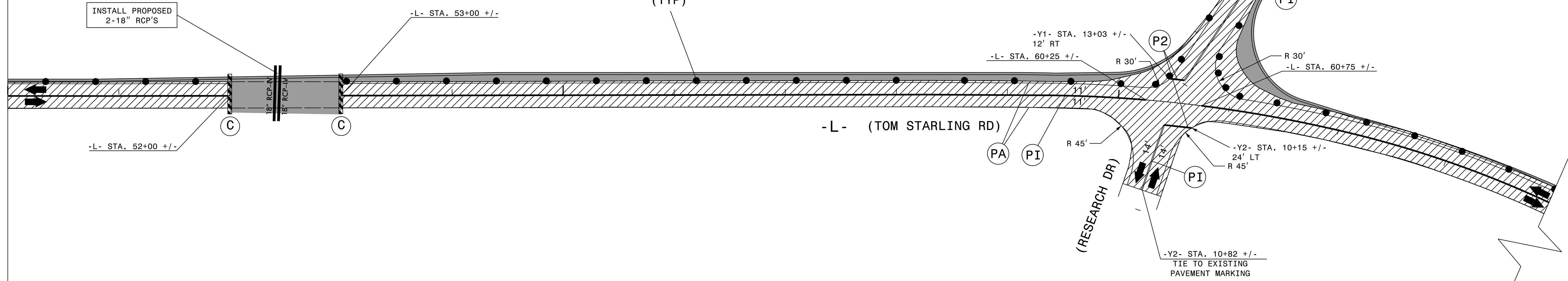
ICT
 USING OFF-SITE DETOUR, INSTALL 2-18" RCP'S
 THEN COMPLETE -L- CONSTRUCTION FROM
 STA. 52+00 TO 53+00



SEE SHEET TMP-2
 FOR -L- OFF-SITE
 DETOUR SIGNING



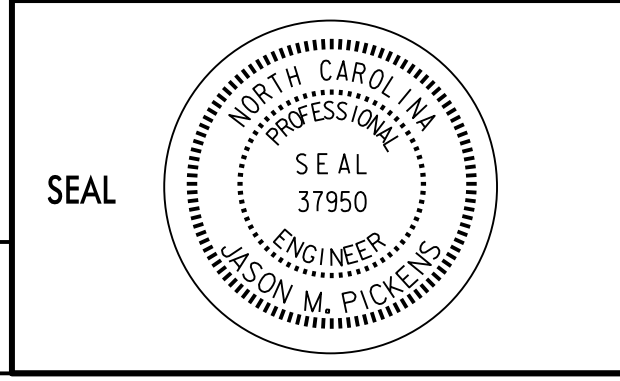
MATCH LINE -L- STA 50+00 SEE SHEET TMP-5



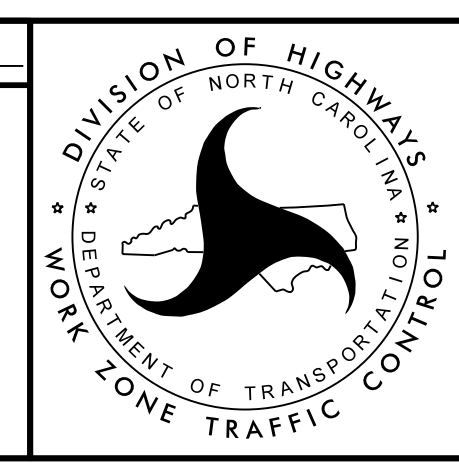
BREAK LINE SEE SHEET TMP-7

25 MAR 2015 15:36
 C:\Users\jsername\Documents\TrafficControl\TCP\W-5512-TC-TMP-06.dgn
 \$\$\$USERNAME\$\$\$

APPROVED: Jason M. Pickens DATE 3/31/2015



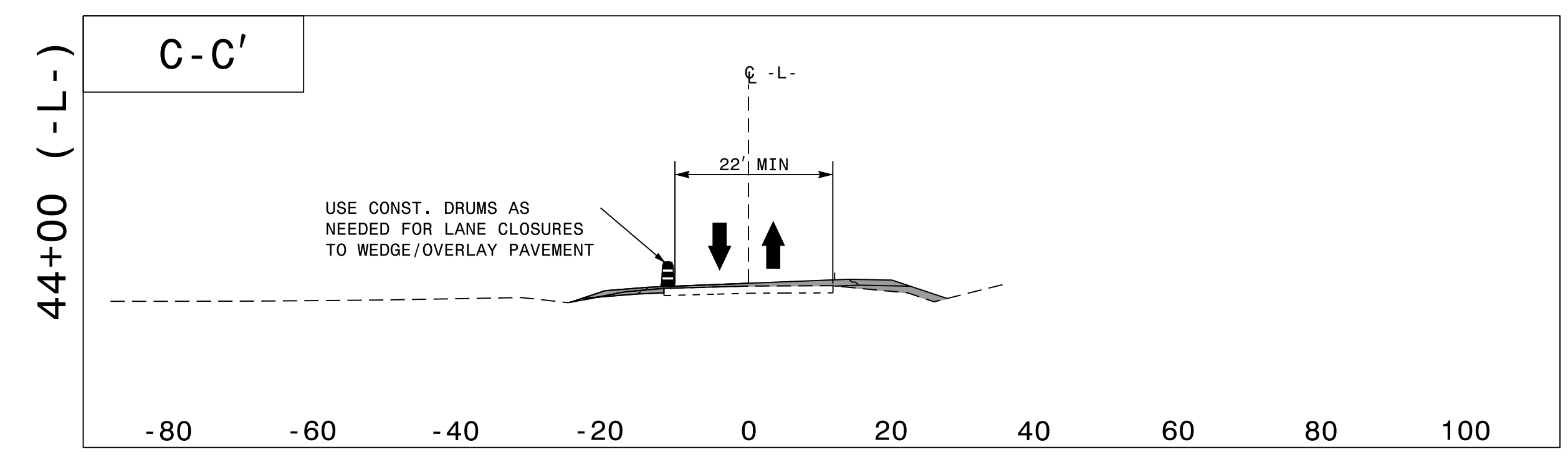
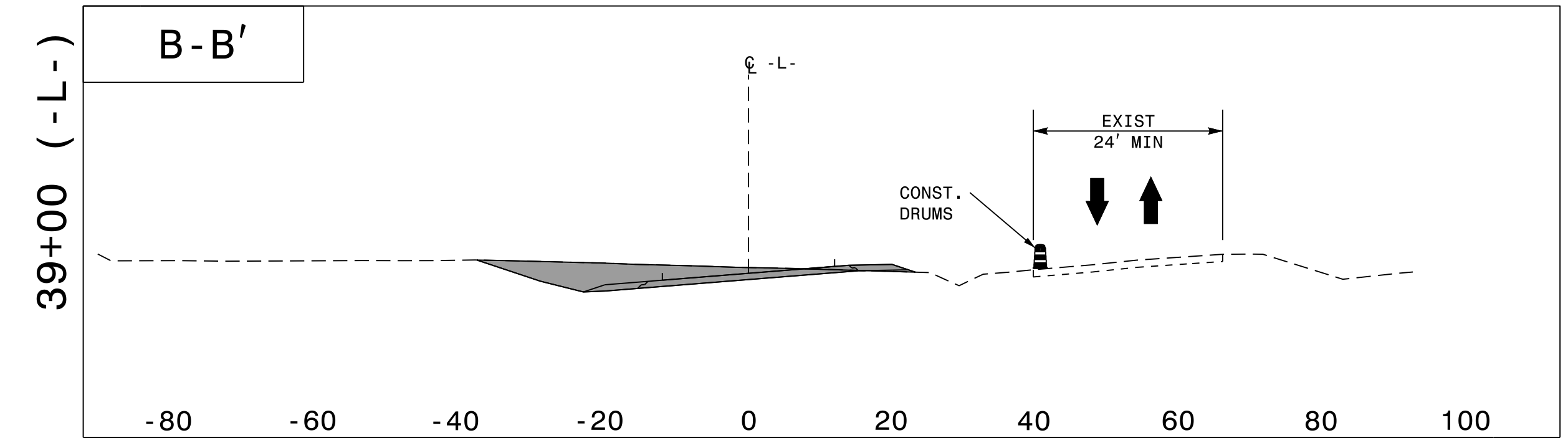
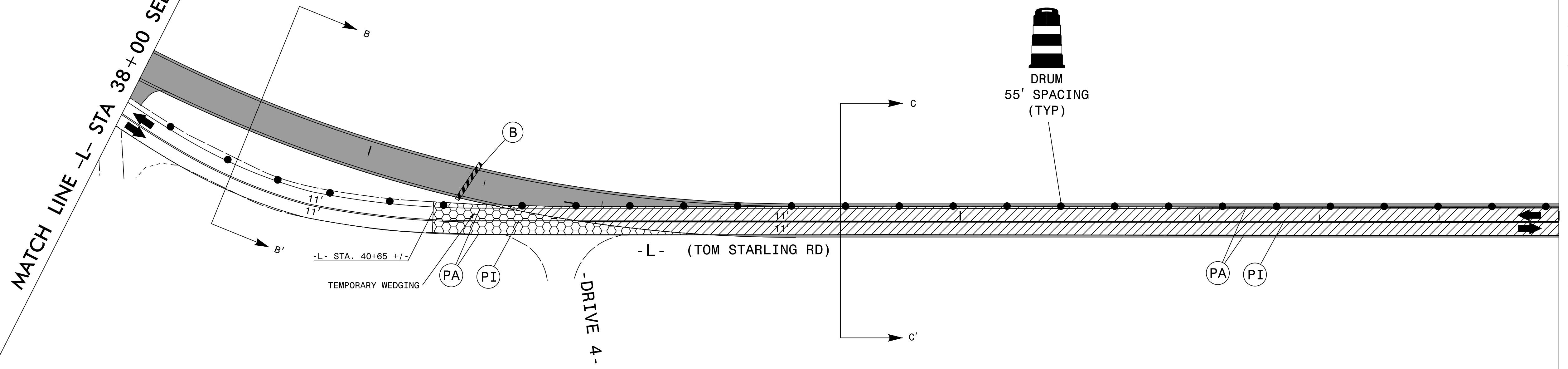
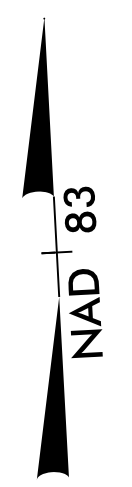
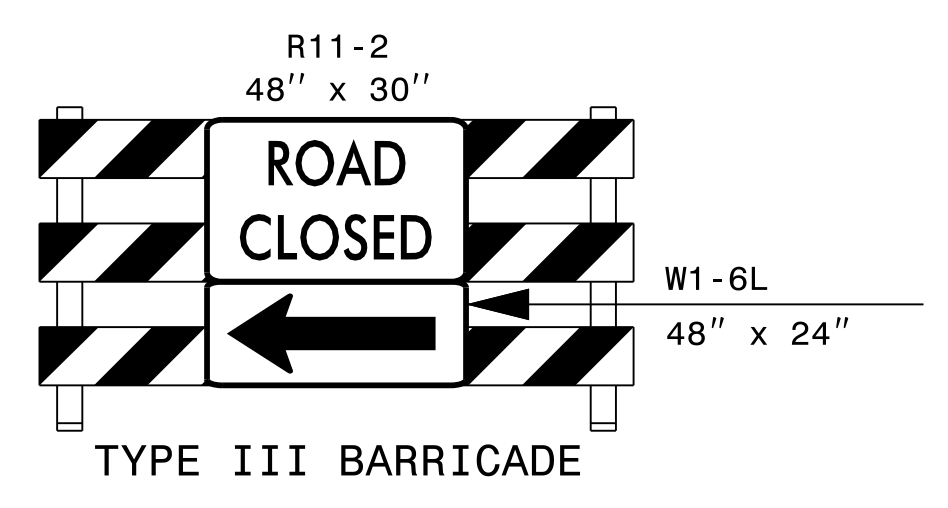
PLANS PREPARED BY
PARSONS
 5540 CENTERVIEW DR., SUITE 211
 RALEIGH, NORTH CAROLINA 27606
 NO. LICENSE NO. P-5246
 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION



TRANSPORTATION
 MANAGEMENT PLAN

PHASE I
 DETAIL 3

MATCH LINE -L- STA 38+00 SEE SHEET TMP-4



MATCH LINE -L- STA 50+00 SEE SHEET TMP-6

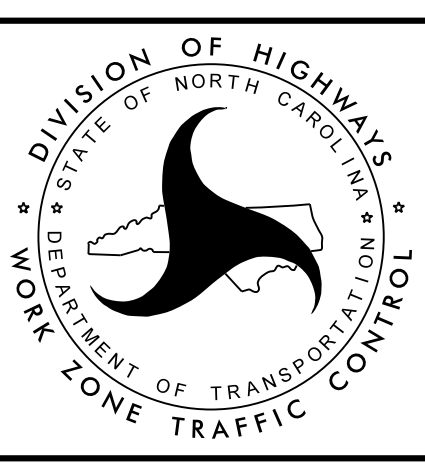
25 MAR 2015 15:36 TrafficControl\TCP\W-5512.TC_TMP_05.dgn

PLANS PREPARED BY
PARSONS
5540 CENTERVIEW DR., SUITE 201
RALEIGH, NORTH CAROLINA 27606
NO. LICENSE NO. F-5246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

APPROVED: Jason M. Pickens DATE: 3/31/2015

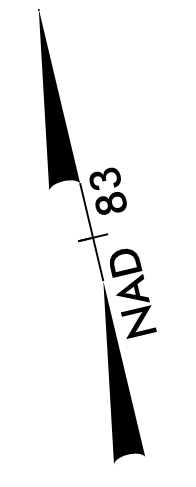
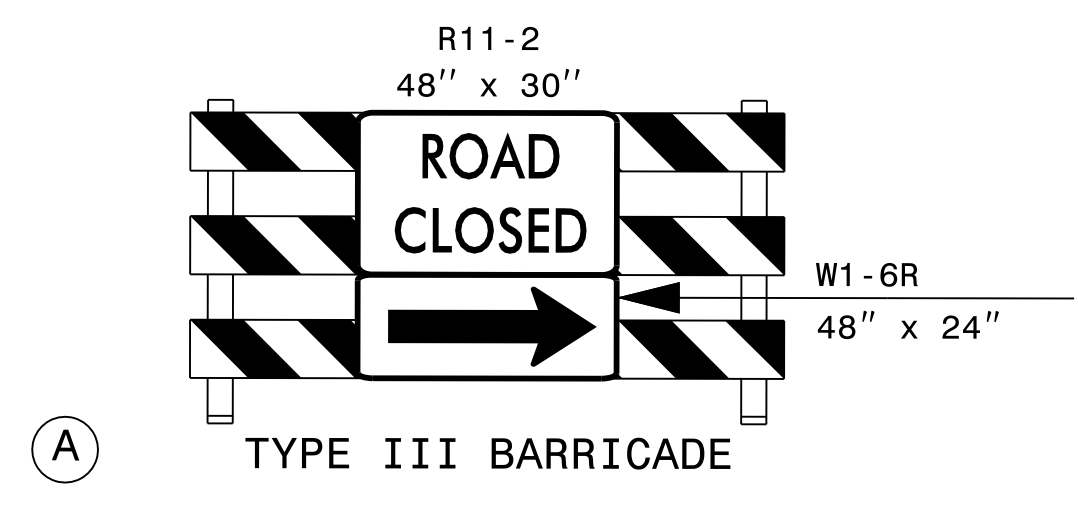
DocuSigned by:
Jason M. Pickens

SEAL



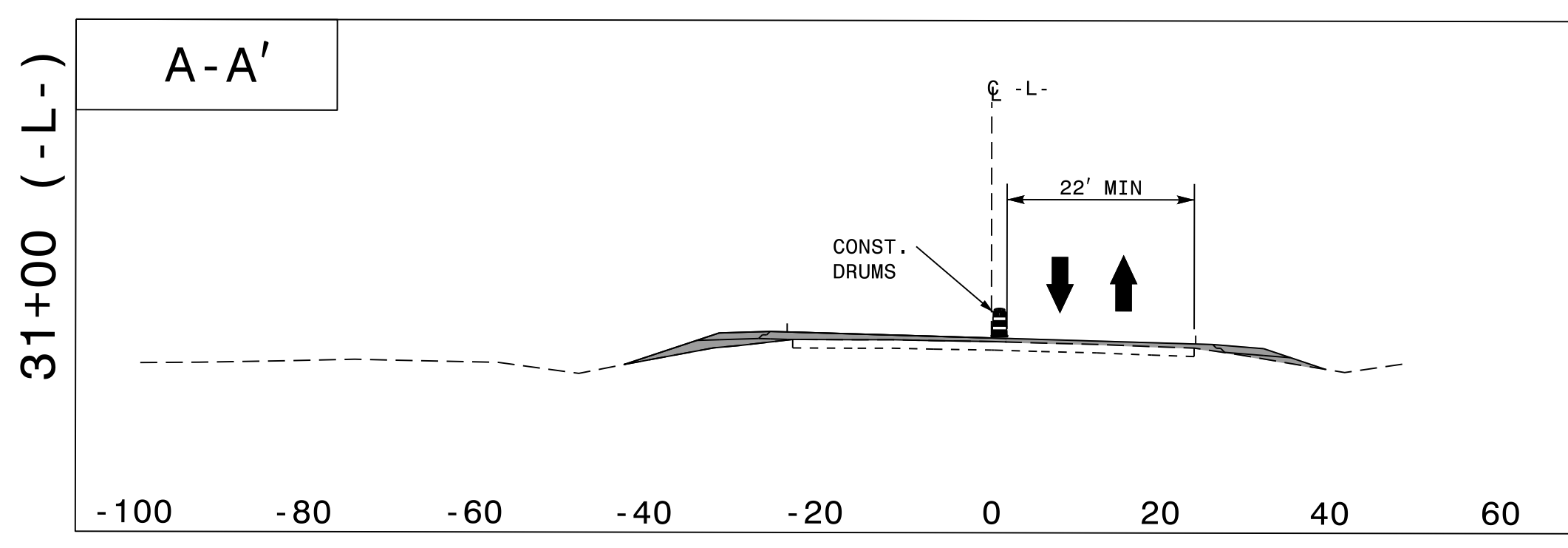
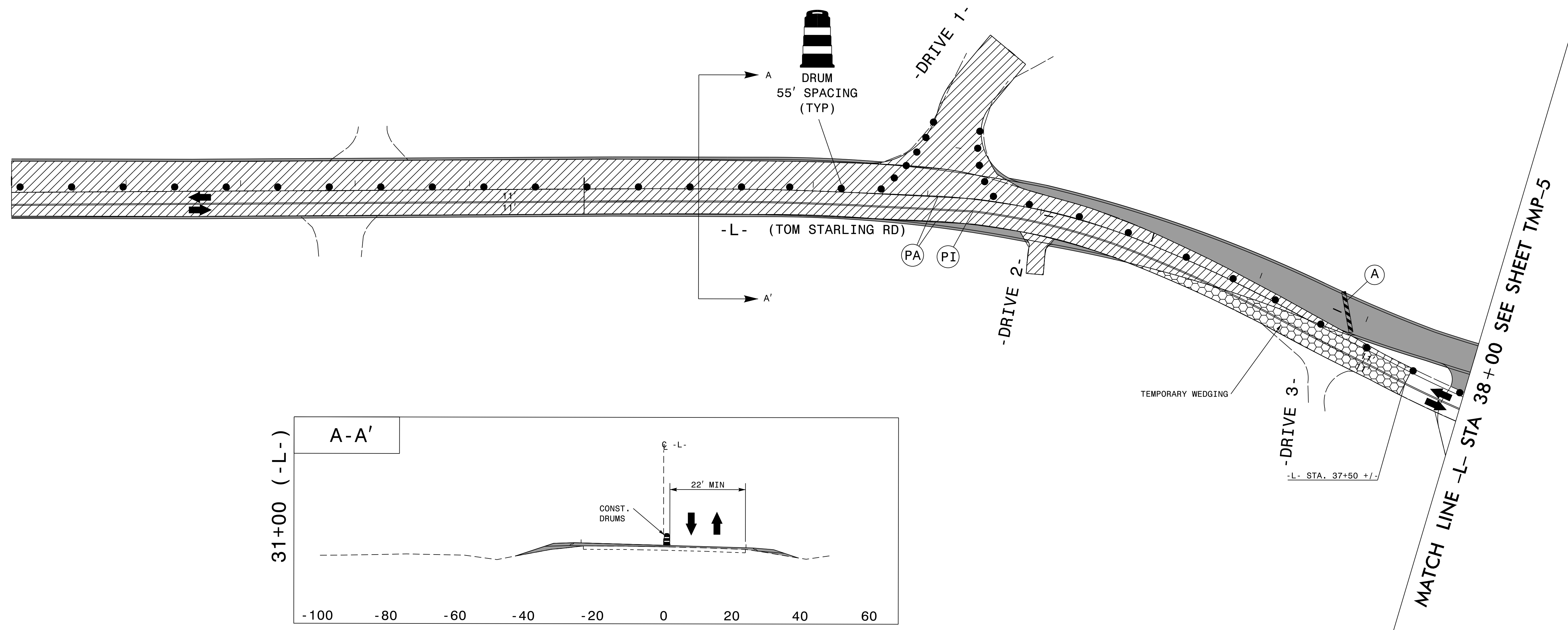
TRANSPORTATION
MANAGEMENT PLAN

PHASE I
DETAIL 2



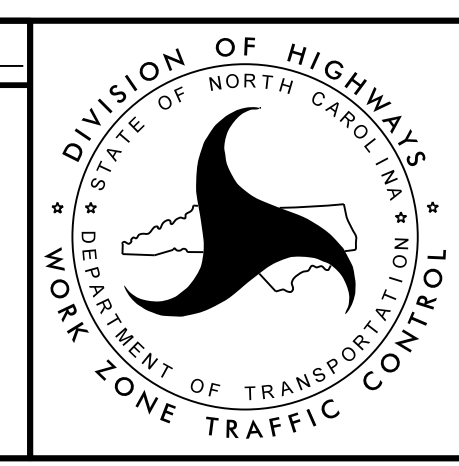
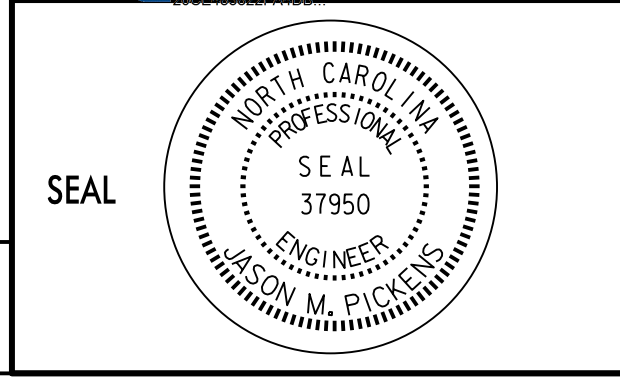
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25 MAR 2015 15:36
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 USER: jason.m.pickens

APPROVED: Jason M. Pickens DATE: 3/31/2015



TRANSPORTATION
MANAGEMENT PLAN

PHASE I
DETAIL 1

PLANS PREPARED BY
PARSONS
5540 CENTERVIEW DRIVE, SUITE 201
RALEIGH, NORTH CAROLINA 27606
NO LICENSE REQUIRED
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

PHASING

NOTES:

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

COMPLETE ANY PROPOSED WIDENING IN SUCH A MANNER THAT PONDING OF WATER WILL NOT OCCUR IN THE TRAVEL LANE.

MAINTAIN VEHICULAR ACCESS TO ALL RESIDENCES AND BUSINESSES DURING THE LIFE OF THE CONTRACT UNLESS OTHERWISE NOTED IN THE PHASING OR DIRECTED BY THE ENGINEER.

WEDGING OPERATIONS SHOULD BE DONE IN SUCH A MANNER THAT SMOOTH TRANSITIONS ARE PROVIDED AT THE END OF EACH DAY BETWEEN TRAVEL LANES AND AT TIE-INS WITH EXISTING PAVEMENT.

THE TERM RSD DENOTES ROADWAY STANDARD DRAWINGS.

PHASE I

STEP 1: INSTALL ADVANCE WORK ZONE WARNING SIGNS ACCORDING TO RSD 1101.01 SHEET 3 OF 3.

STEP 2: USING RSD 1101.02 (SHEET 1 OF 15), CONSTRUCT THE FOLLOWING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE:
 * -L- FROM STA. 10+00 +/- TO STA. 37+00 +/-
 * -L- FROM STA. 44+00 +/- TO STA. 52+00 +/-
 * -L- FROM STA. 53+00 +/- TO STA. 127+00 +/-
 * -L- FROM STA. 150+00 +/- TO STA. 163+75 +/-
 * -L- FROM STA. 165+00 +/- TO STA. 213+00 +/-
 * -L- FROM STA. 215+00 +/- TO STA. 247+00 +/-

STEP 3: USING FLAGGERS AS NECESSARY, CONSTRUCT THE FOLLOWING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE:
 * -L- FROM STA. 37+00 +/- TO STA. 44+00 +/-
 * -L- FROM STA. 130+00 +/- TO STA. 135+00 +/-
 * -L- FROM STA. 137+00 +/- TO STA. 150+00 +/-

OVERLAY/WEDGE -L- (TOM STARLING ROAD) AND CONSTRUCT REALIGNED -L-. MAINTAIN TRAFFIC ON EXISTING -L- THROUGHOUT CONSTRUCTION OF PHASE I. USE WEDGING AS NEEDED FOR EXISTING -L- LANES TO PROPOSED GRADE TRANSITIONS.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEPS 4-6 FROM 8:00 PM FRIDAY TO 6:00 AM THE FOLLOWING MONDAY. (SEE GENERAL NOTE 'B', ICT, AND LDS)

STEP 4: INSTALL OFF-SITE DETOUR SIGNS FOR -L- AS SHOWN ON TMP-2 AND CLOSE -L- (TOM STARLING RD.) FROM STA. 52+00 TO STA. 53+00.

STEP 5: INSTALL 2-18" REINFORCED CONCRETE PIPES.

STEP 6: COMPLETE -L- CONSTRUCTION FROM STA. 52+00 TO STA. 53+00 AND OPEN -L- (TOM STARLING RD.) TO 2 LANE, 2 WAY TRAFFIC.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEPS 7-9 FROM 8:00 PM FRIDAY TO 6:00 AM THE FOLLOWING MONDAY. (SEE GENERAL NOTE 'B', ICT, AND LDS)

STEP 7: INSTALL OFF-SITE DETOUR SIGNS FOR -L- AS SHOWN ON TMP-2A AND CLOSE -L- (TOM STARLING RD.) FROM STA. 163+75 TO STA. 165+00.

STEP 8: INSTALL 103"x71" CORRUGATED STEEL PIPE ARCH CULVERT.

STEP 9: COMPLETE -L- CONSTRUCTION FROM STA. 163+75 TO STA. 165+00 AND OPEN -L- (TOM STARLING RD.) TO 2 LANE, 2 WAY TRAFFIC.

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE I, STEPS 10-12 FROM 8:00 PM FRIDAY TO 6:00 AM THE FOLLOWING MONDAY. (SEE GENERAL NOTE 'B', ICT, AND LDS)

STEP 10: INSTALL OFF-SITE DETOUR SIGNS FOR -L- AS SHOWN ON TMP-2B AND CLOSE -L- (TOM STARLING RD.) FROM STA. 213+00 TO STA. 215+00.

STEP 11: INSTALL 36" REINFORCED CONCRETE PIPE.

STEP 12: COMPLETE -L- CONSTRUCTION FROM STA. 213+00 TO STA. 215+00 AND OPEN -L- (TOM STARLING RD.) TO 2 LANE, 2 WAY TRAFFIC.

PHASE II

THE CONTRACTOR SHALL COMPLETE THE WORK REQUIRED OF PHASE II, STEPS 1-3 FROM 8:00 PM FRIDAY TO 6:00 AM THE FOLLOWING MONDAY OR OVER TWO (2) WEEKENDS IF NECESSARY. (SEE GENERAL NOTE 'B', ICT, AND LDS)

STEP 1: INSTALL OFF-SITE DETOUR SIGNS FOR -L- AS SHOWN ON TMP-2C AND CLOSE -L- (TOM STARLING RD.) FROM STA. 127+00 TO STA. 137+00.

STEP 2: INSTALL 60" REINFORCED CONCRETE PIPE AND 95"x67" CORRUGATED STEEL PIPE ARCH CULVERT.

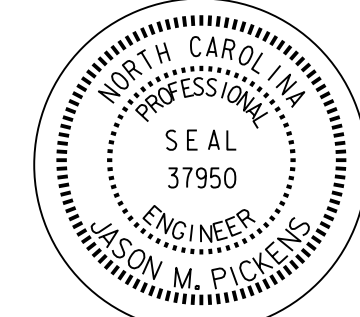
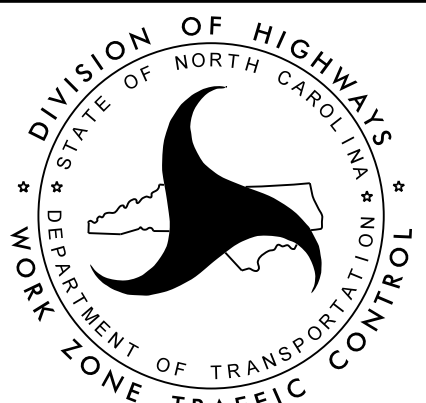
STEP 3: COMPLETE -L- CONSTRUCTION FROM STA. 127+00 TO STA. 130+00 AND FROM STA. 135+00 TO STA. 137+00 AND OPEN -L- (TOM STARLING RD.) TO 2 LANE, 2 WAY TRAFFIC.

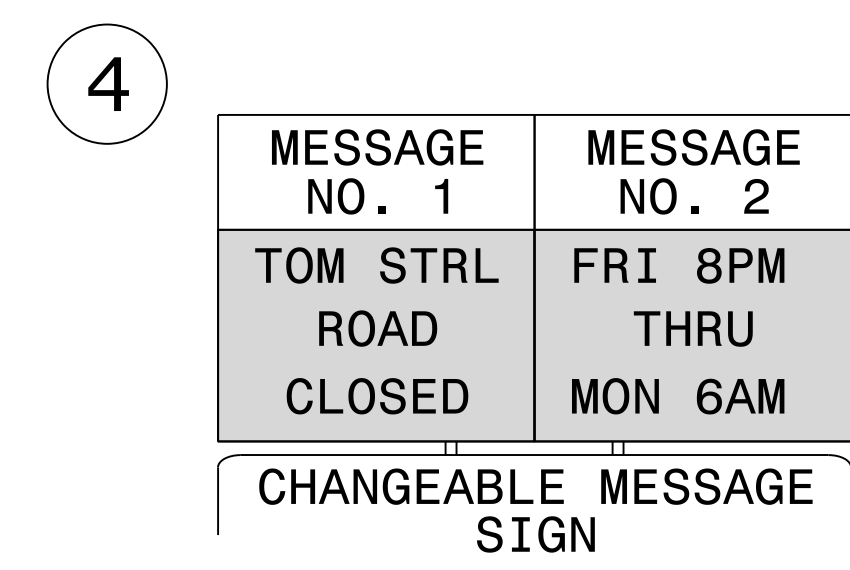
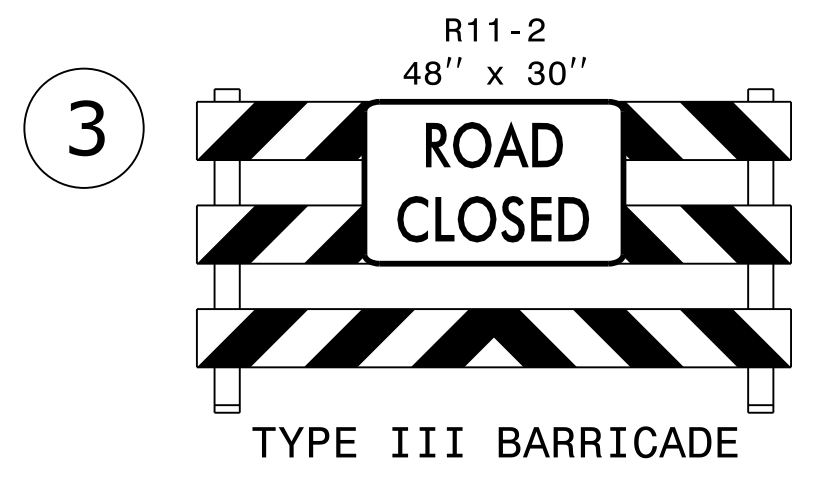
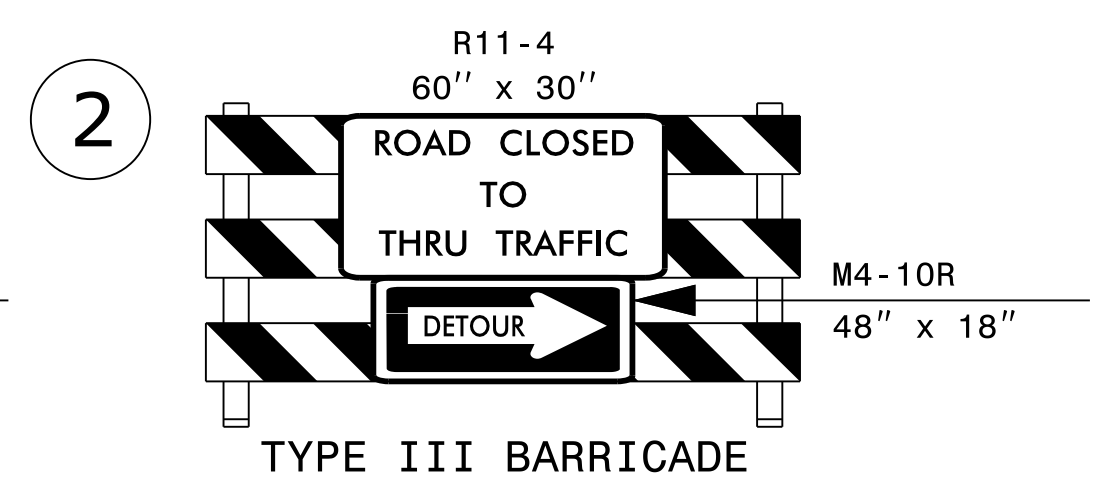
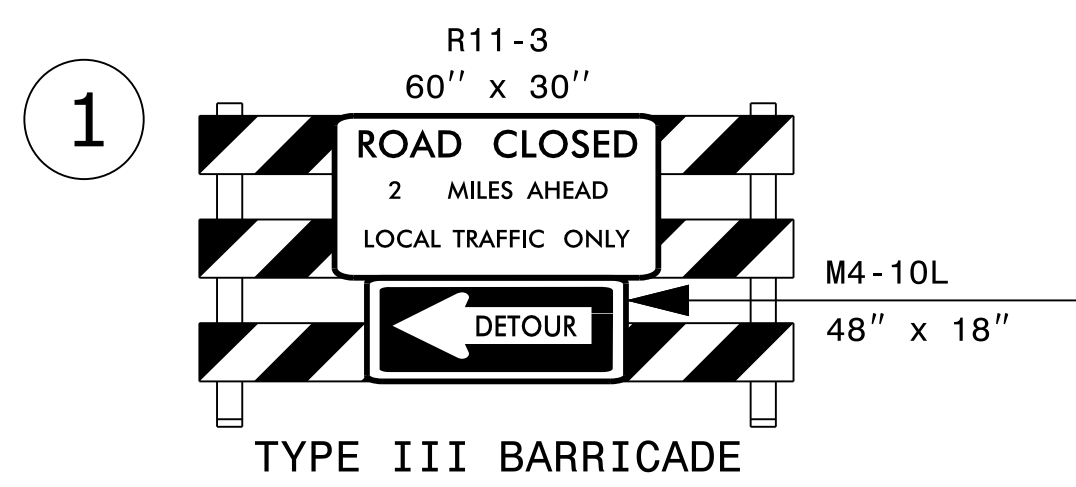
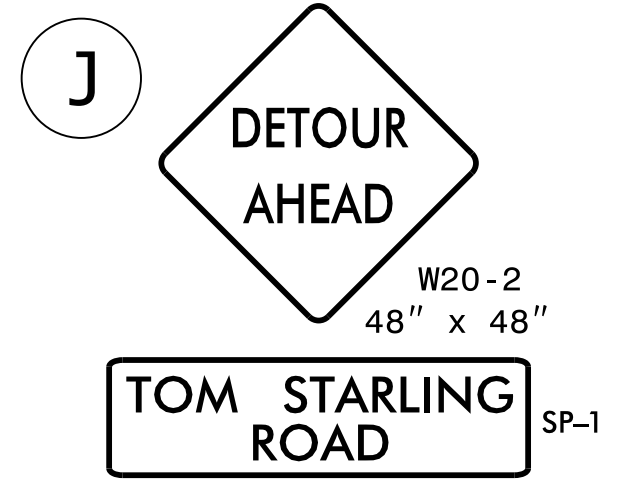
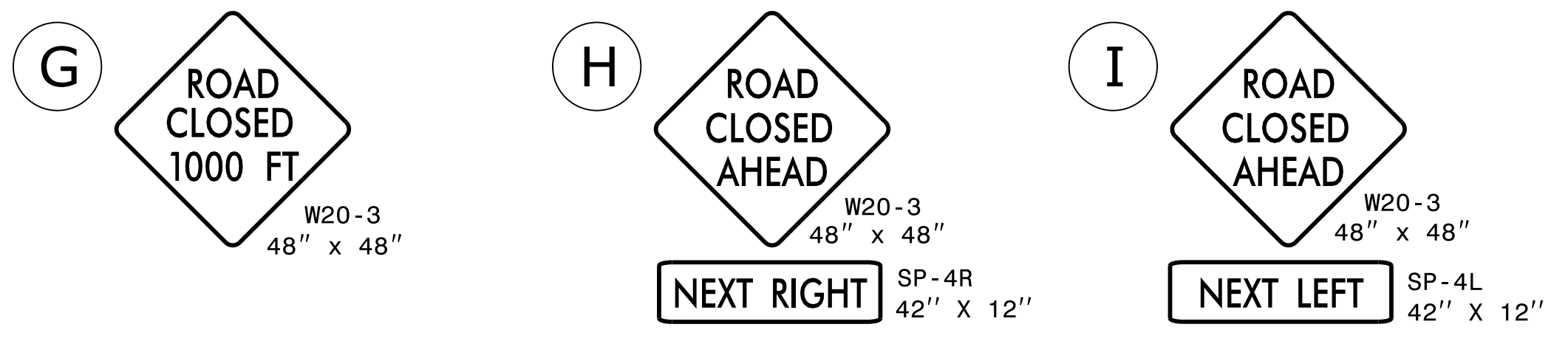
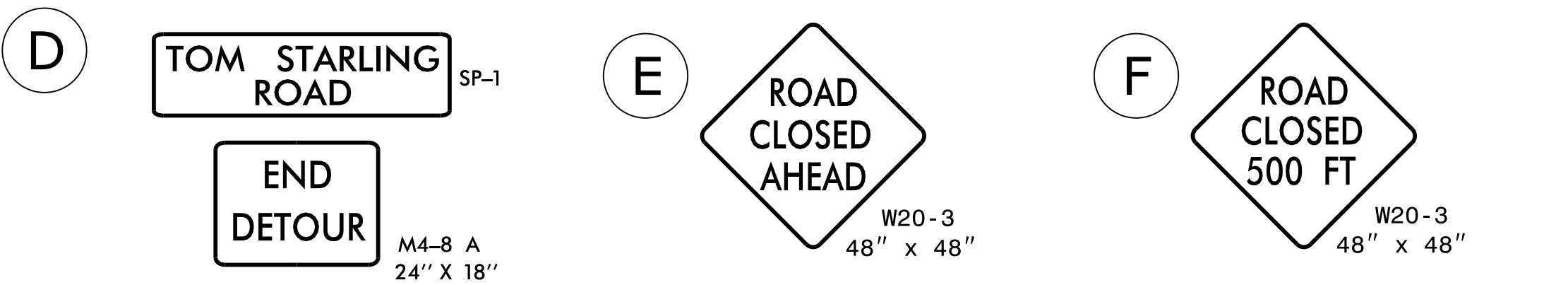
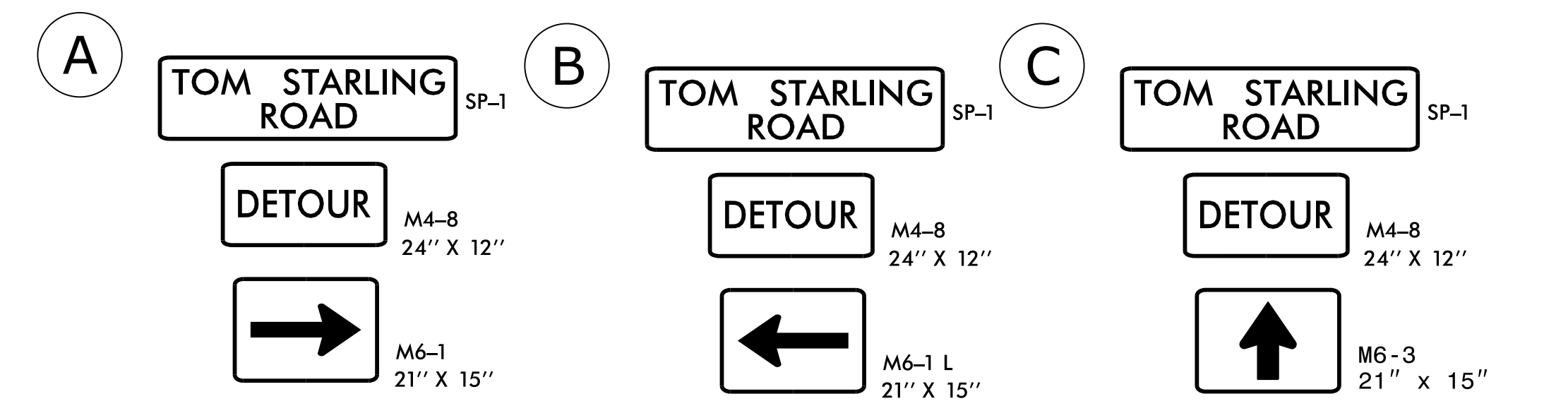
STEP 4: USING FLAGGERS AS NECESSARY, CONSTRUCT THE FOLLOWING UP TO BUT NOT INCLUDING THE FINAL LAYER OF SURFACE COURSE:
 * -L- FROM STA. 53+00 +/- TO STA. 71+00 +/-
 * -L- FROM STA. 85+00 +/- TO STA. 103+00 +/-

STEP 5: USING RSD 1101.2 (SHEET 1 OF 15) AS NEEDED, PLACE FINAL SURFACE COURSE AND PAVEMENT MARKINGS AND MARKERS AS SHOWN IN THE FINAL PAVEMENT MARKING PLANS ON ALL ROADS.

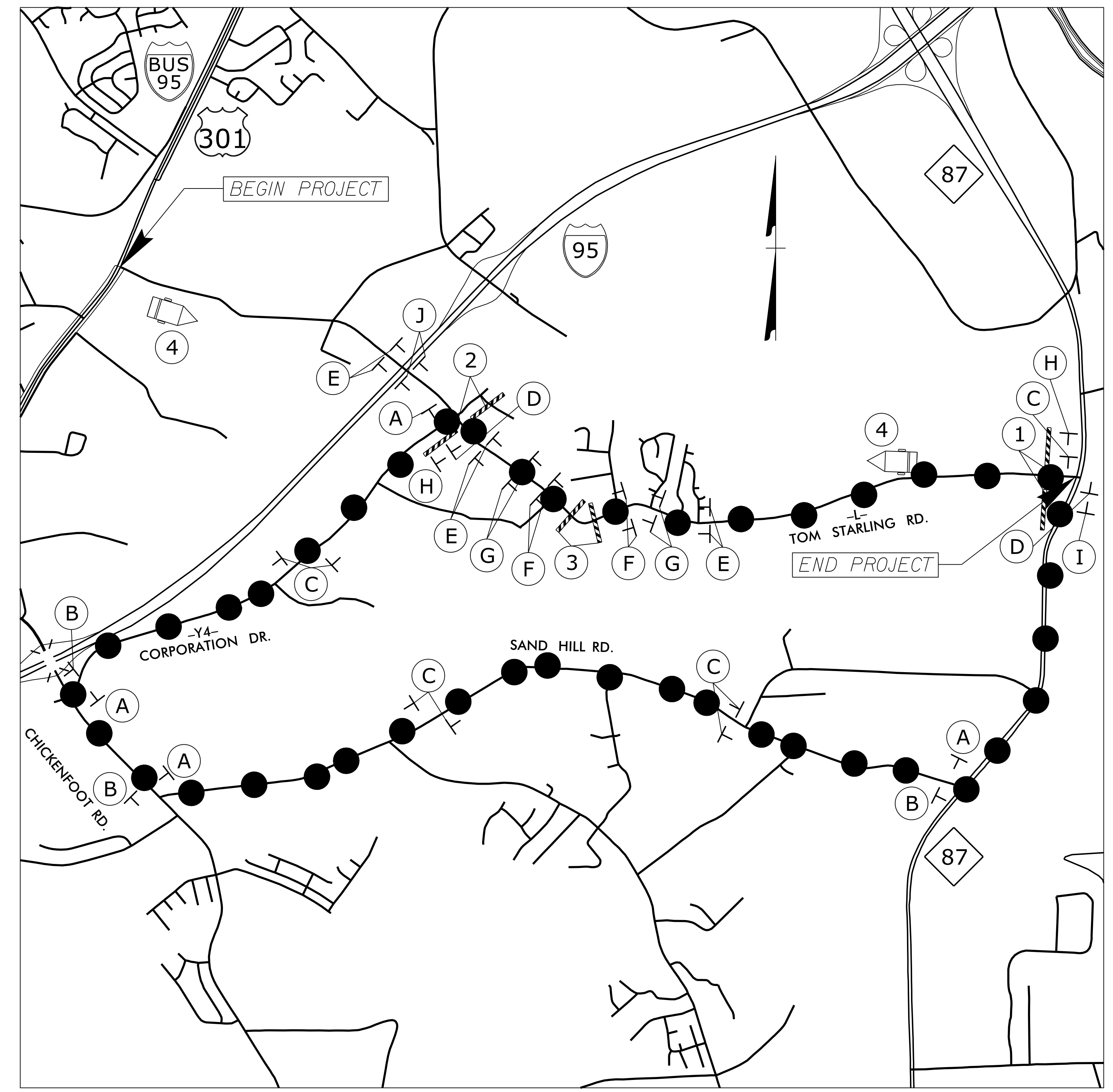
STEP 6: UPON APPROVAL OF ENGINEER, REMOVE TEMPORARY TRAFFIC CONTROL DEVICES AND OPEN ALL ROADS AND ALL LANES TO TRAFFIC.

31-MAR-2015 09:45
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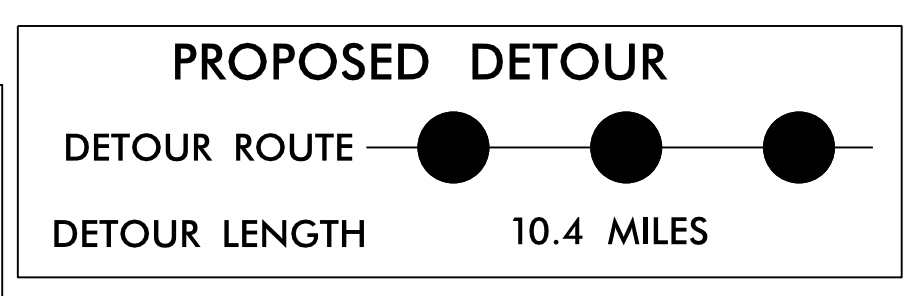
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|--|--|---|---|
| PLANS PREPARED BY PARSONS <small>5540 CENTERVIEW DR., SUITE 211 RALEIGH, NORTH CAROLINA 27606 NC LICENSE NO. F-5246 FOR NORTH CAROLINA DEPT. OF TRANSPORTATION</small> | DocuSigned by: APPROVED <i>Jason M. Pickens</i> DATE 3/31/2015  |  | TRANSPORTATION MANAGEMENT PLAN PHASING |
|--|--|---|---|



NOTE:
1. ACTIVATE CHANGEABLE MESSAGE SIGN FIVE (5) DAYS BEFORE OFF-SITE DETOUR IS IMPLEMENTED.

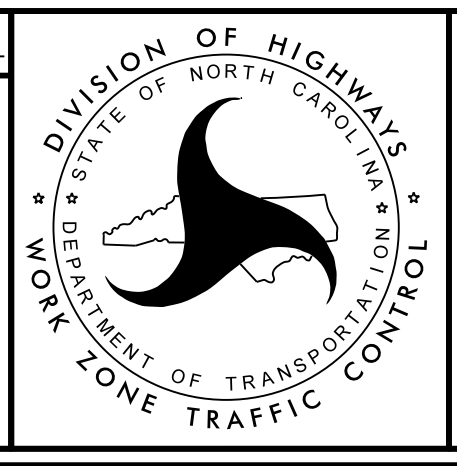


NOTES:
1. REFER TO RSD 1101.02, SHEET 3 OF 15 AND RSD 1101.03, SHEET 1 & 2 OF 9, FOR ADDITIONAL SIGNS AND GENERAL NOTES.
2. SEE SHEET TMP-2D FOR THE SPECIAL SIGN DESIGN.
3. ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.



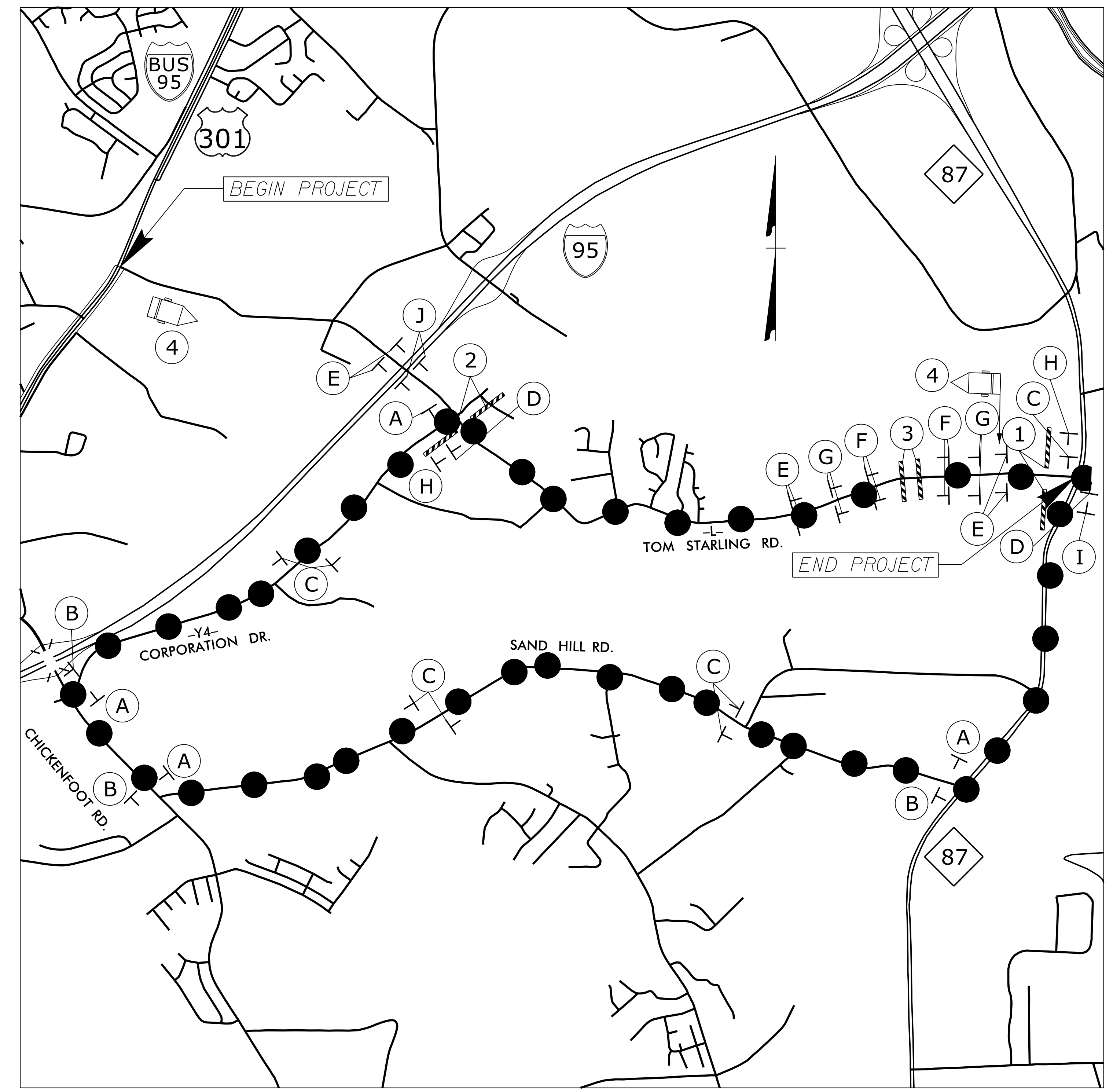
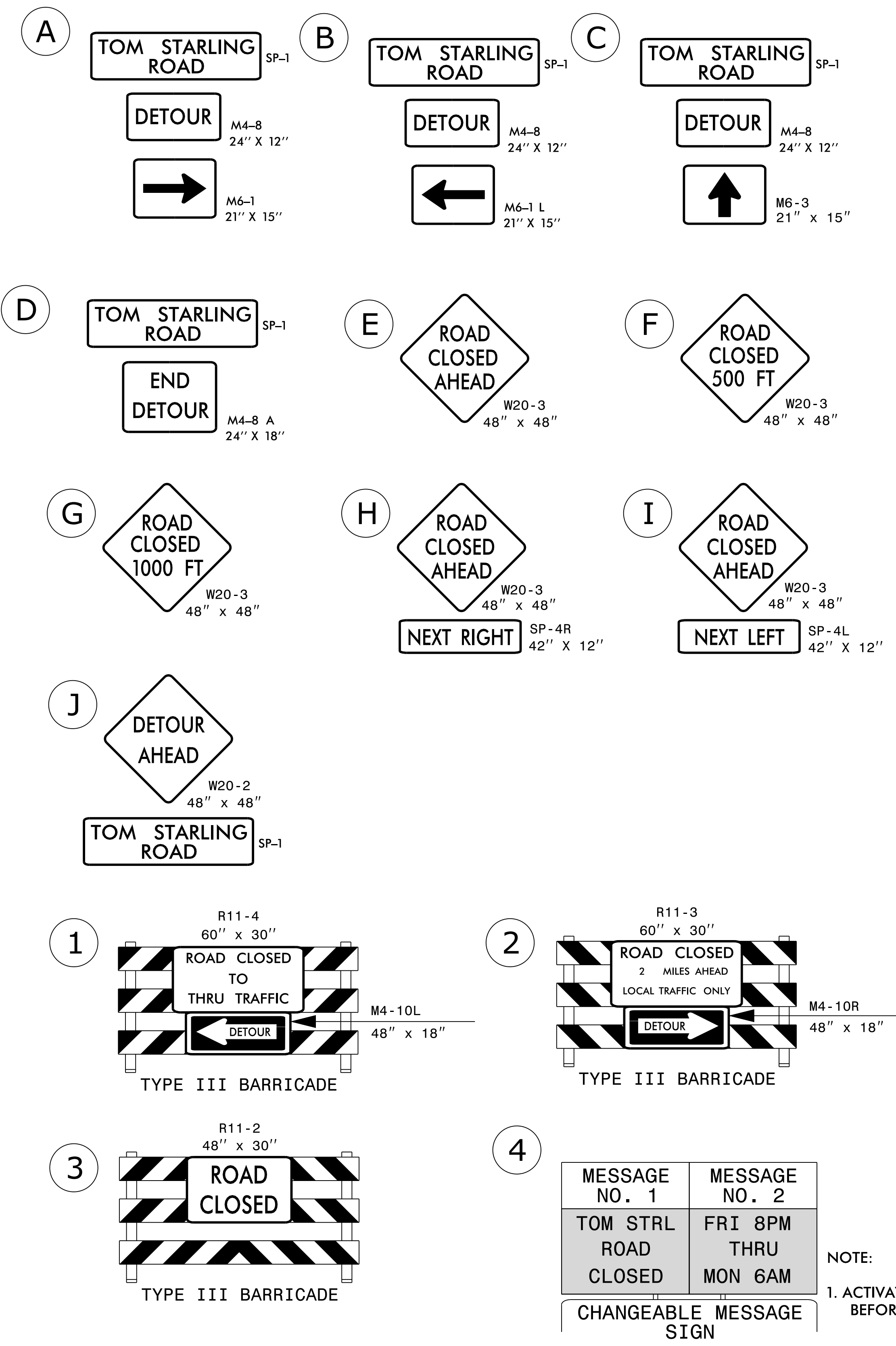
APPROVED: *Jason M. Pickens* DATE: 3/31/2015

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER, JASON M. PICKENS, LICENSE NO. 37950



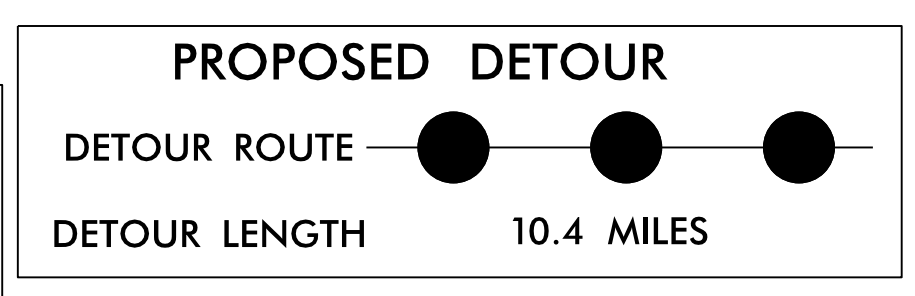
TRANSPORTATION MANAGEMENT PLAN
TOM STARLING ROAD -L- DETOUR PHASE II

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NOTE:
1. ACTIVATE CHANGEABLE MESSAGE SIGN FIVE (5) DAYS BEFORE OFF-SITE DETOUR IS IMPLEMENTED.

NOTES:
1. REFER TO RSD 1101.02, SHEET 3 OF 15 AND RSD 1101.03, SHEET 1 & 2 OF 9, FOR ADDITIONAL SIGNS AND GENERAL NOTES.
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3. ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.



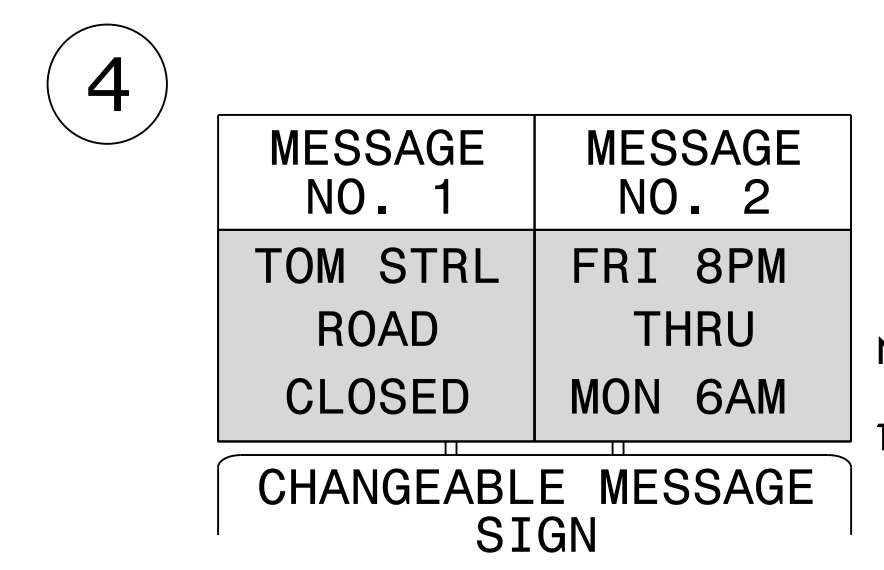
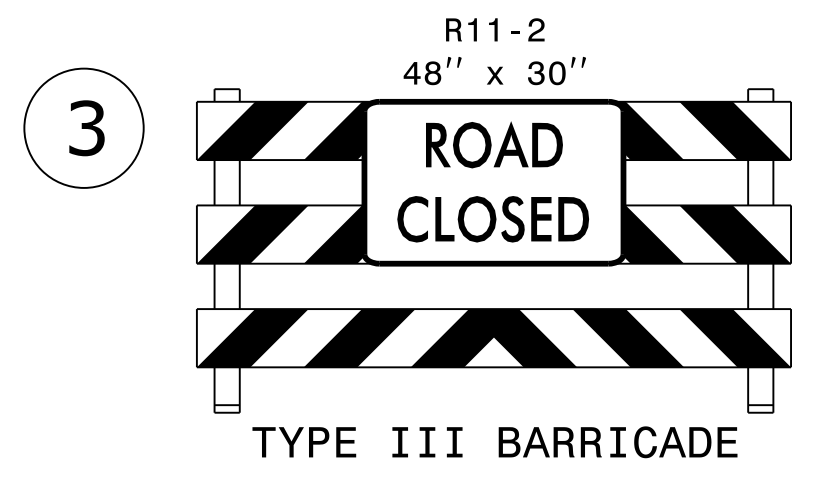
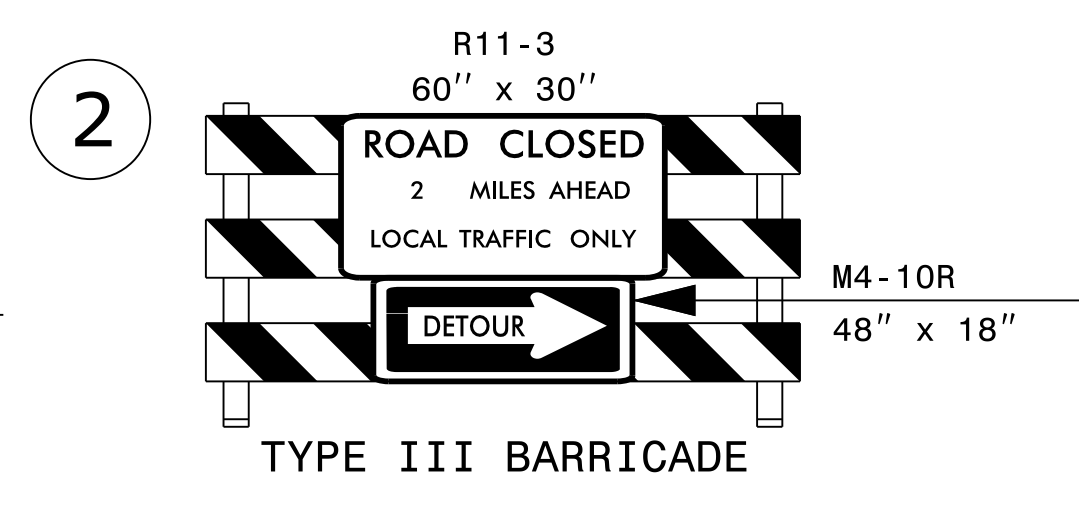
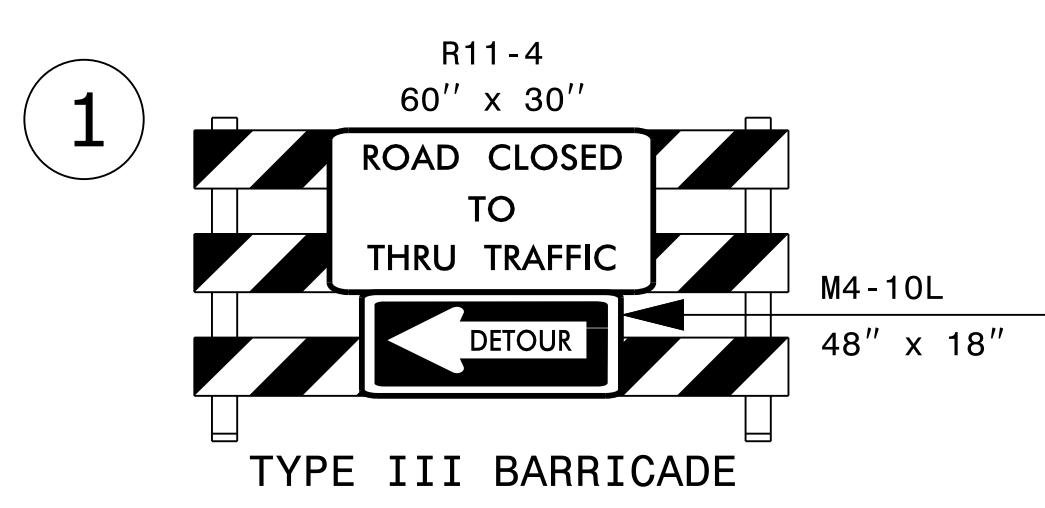
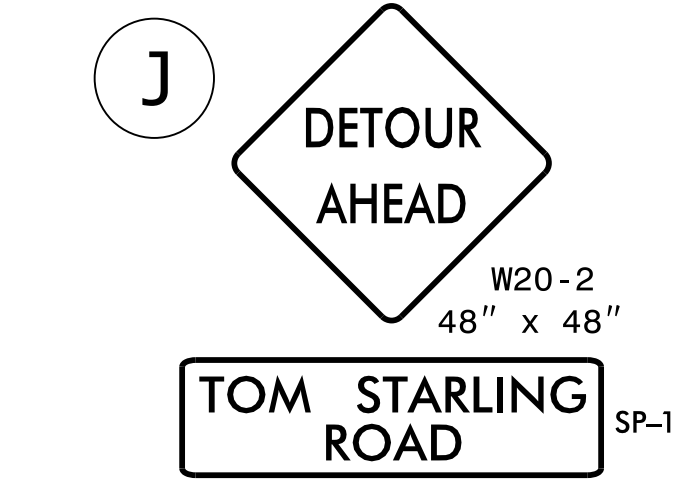
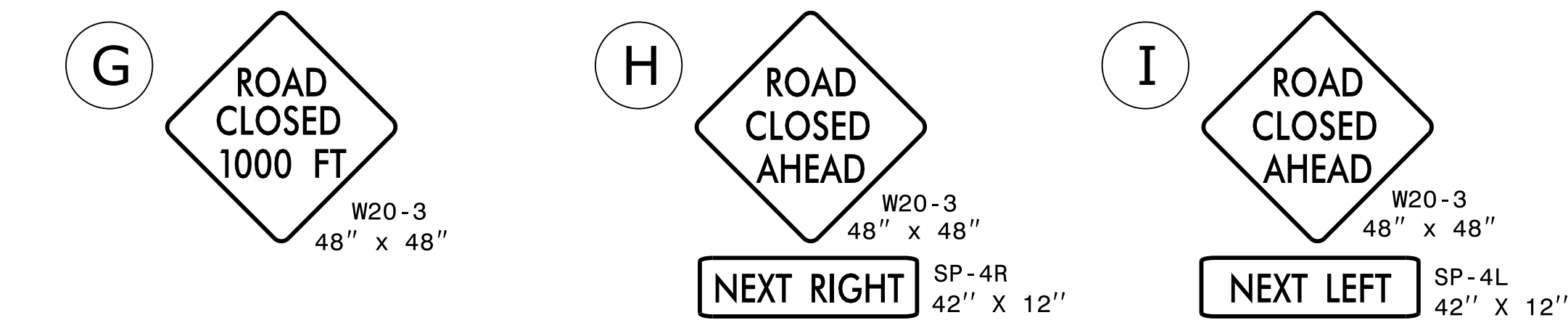
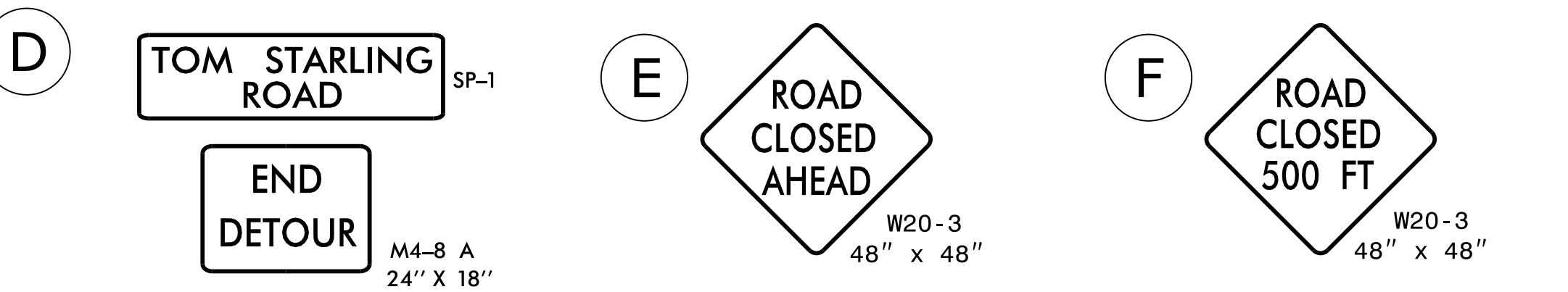
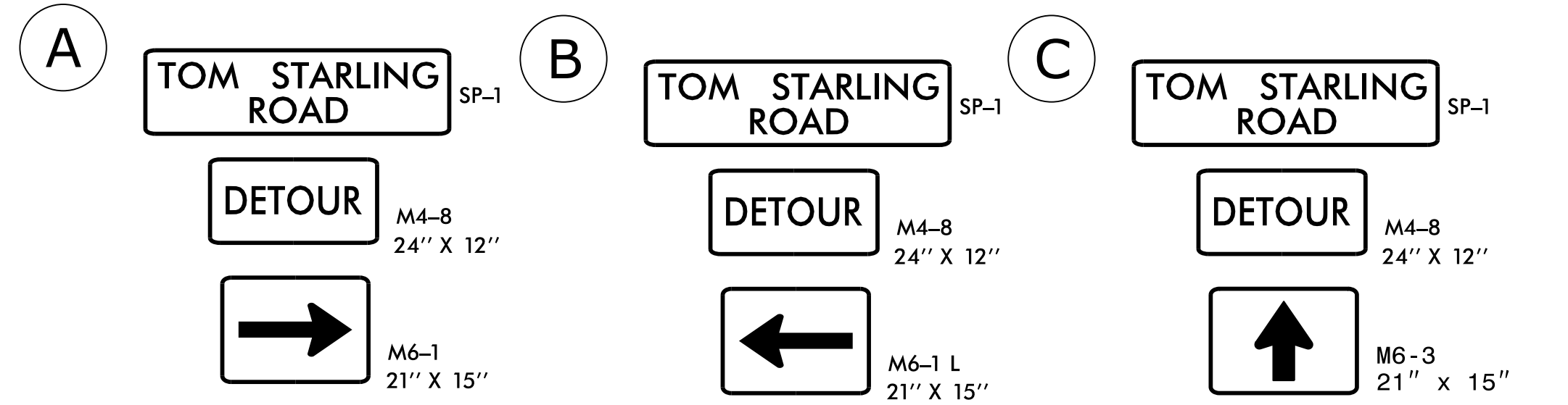
APPROVED: *Jason M. Pickens* DATE: 3/31/2015

SEAL

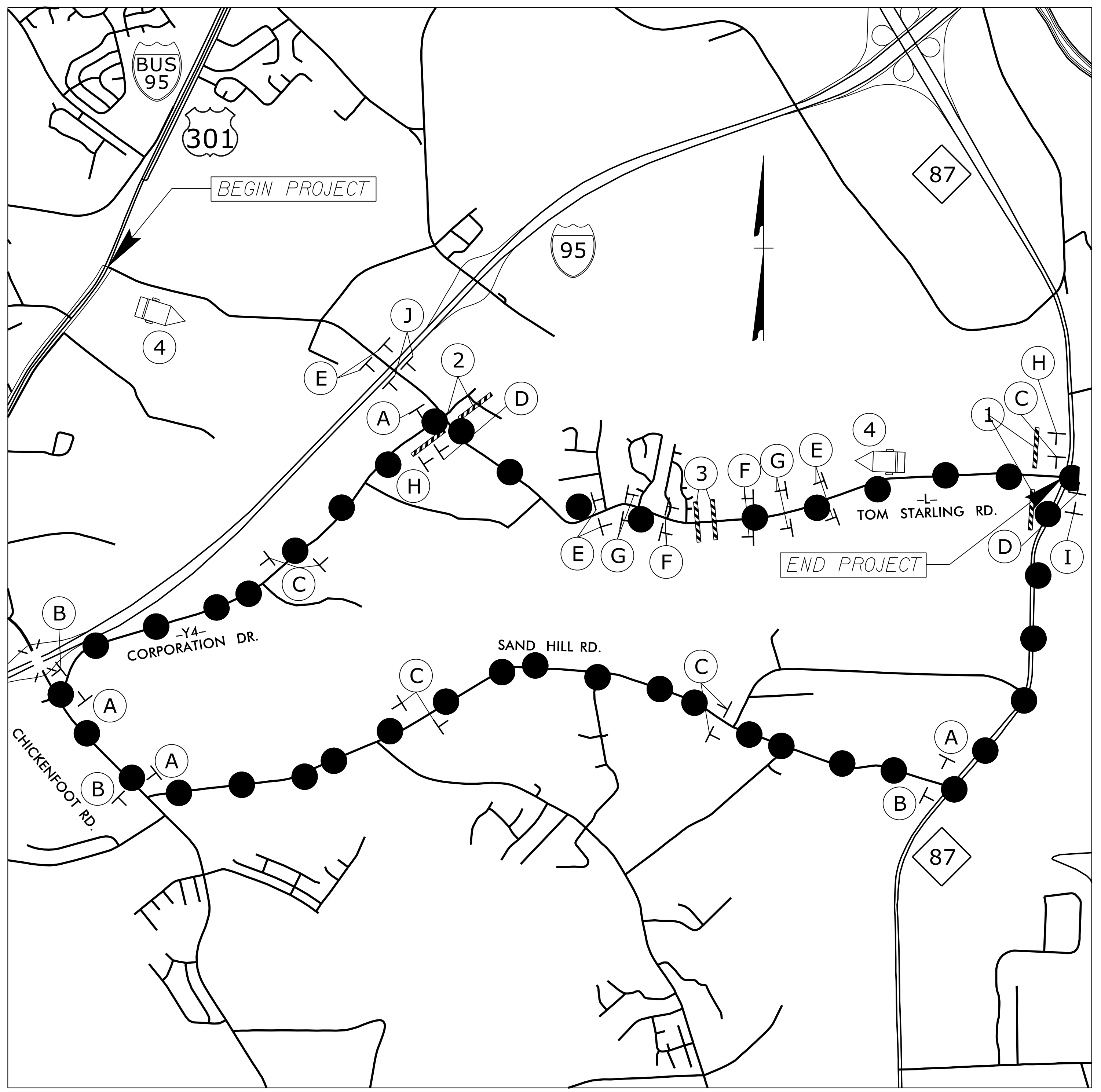
TRANSPORTATION MANAGEMENT PLAN

TOM STARLING ROAD -L- DETOUR PHASE I

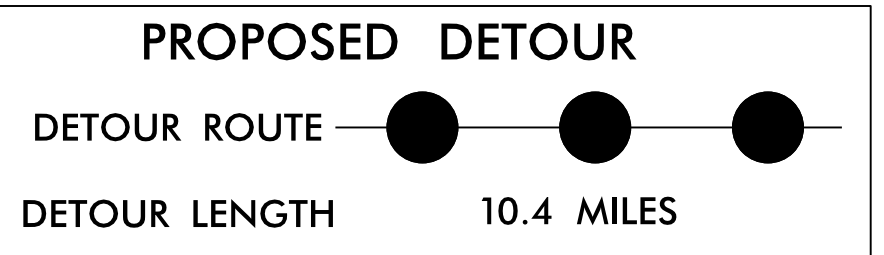
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NOTE:
1. ACTIVATE CHANGEABLE MESSAGE SIGN FIVE (5) DAYS BEFORE OFF-SITE DETOUR IS IMPLEMENTED.

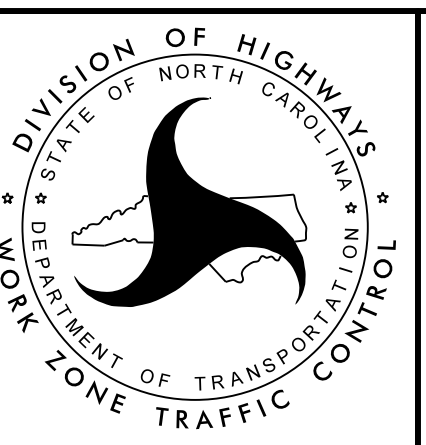


NOTES:
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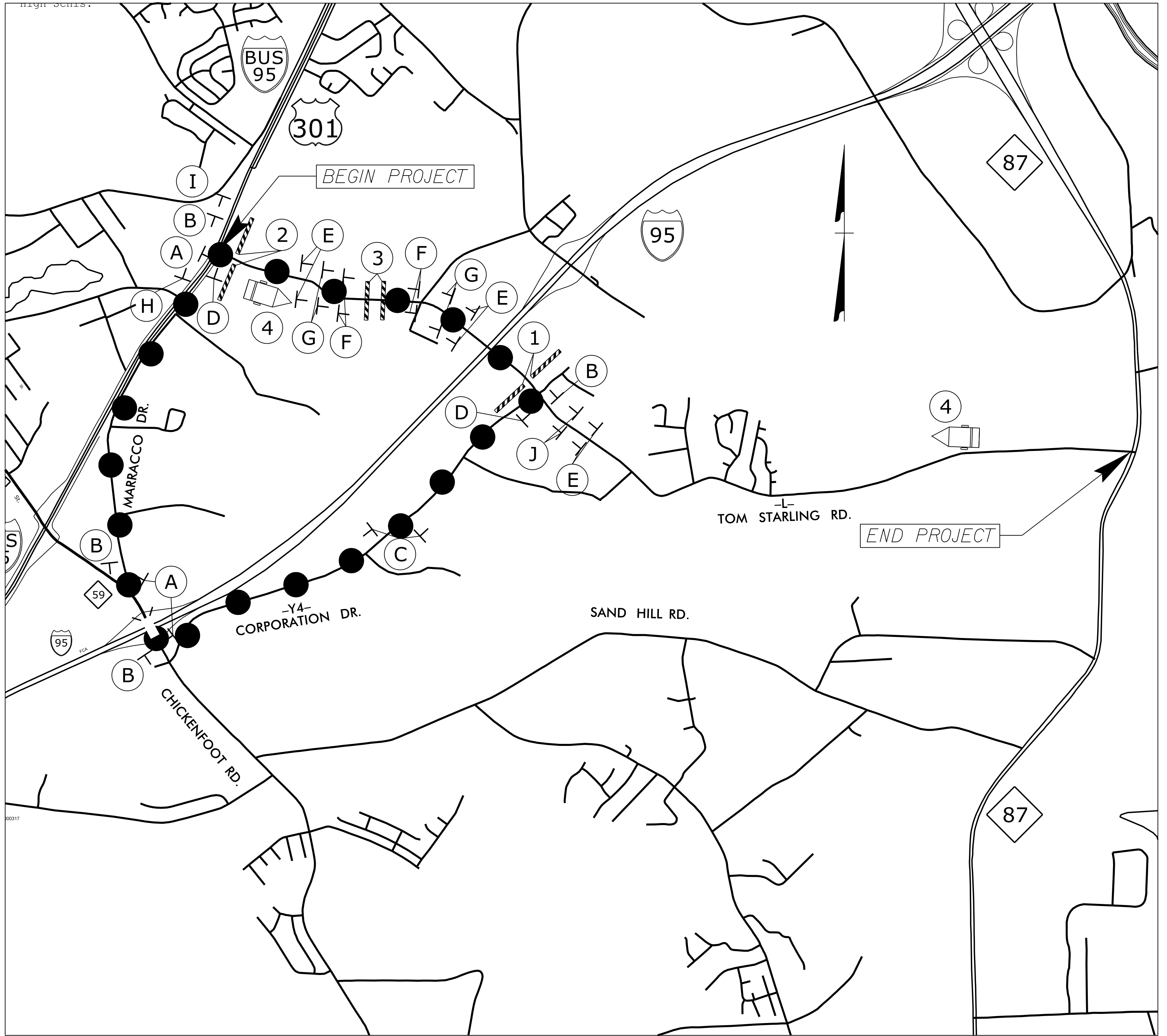
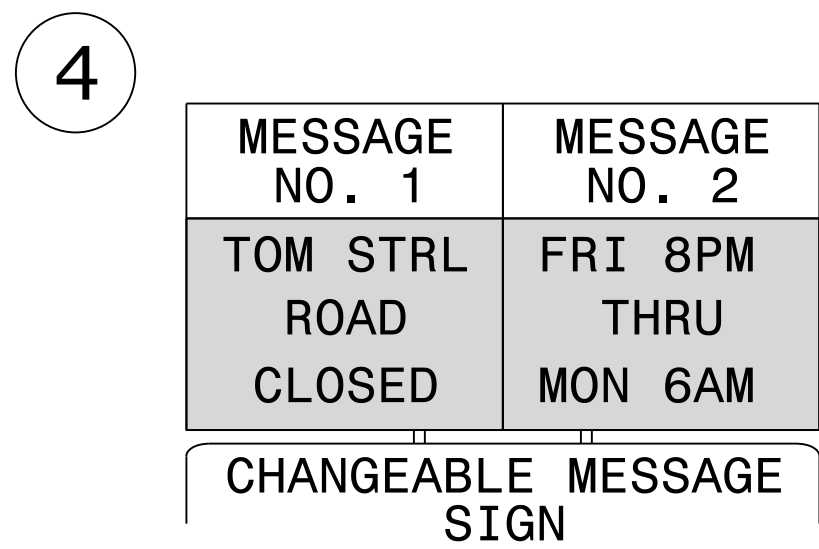
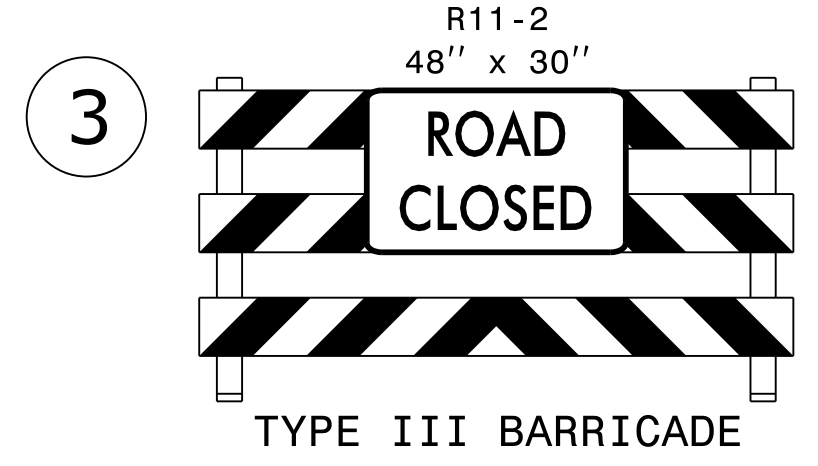
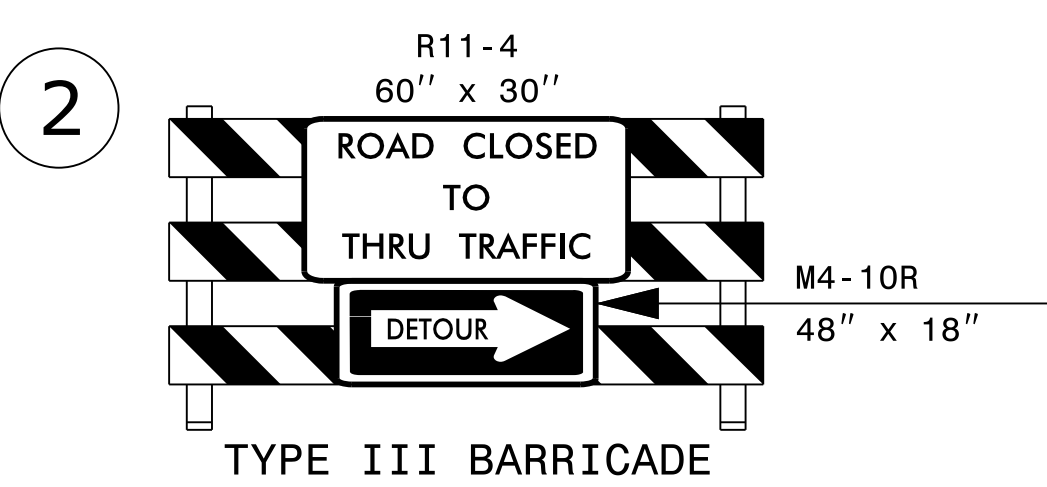
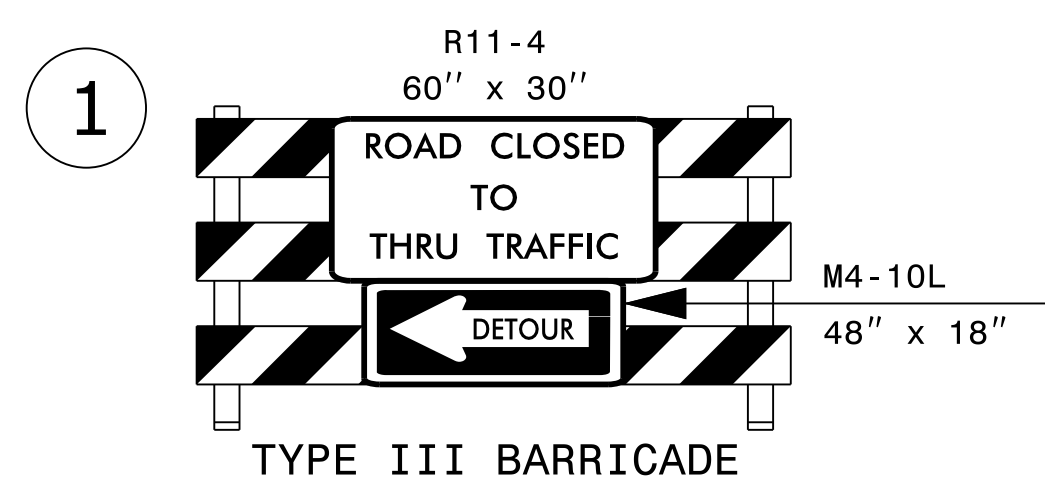
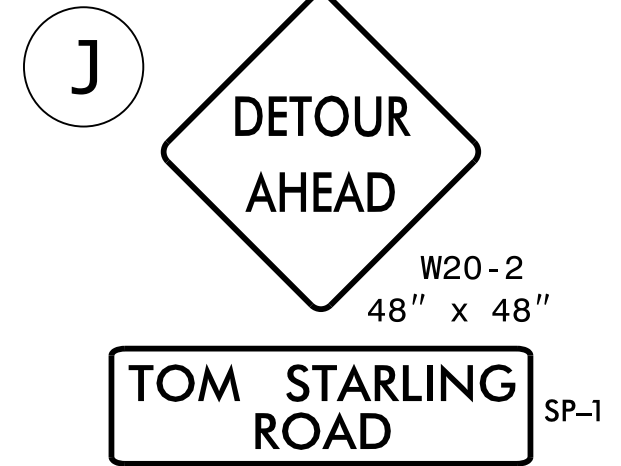
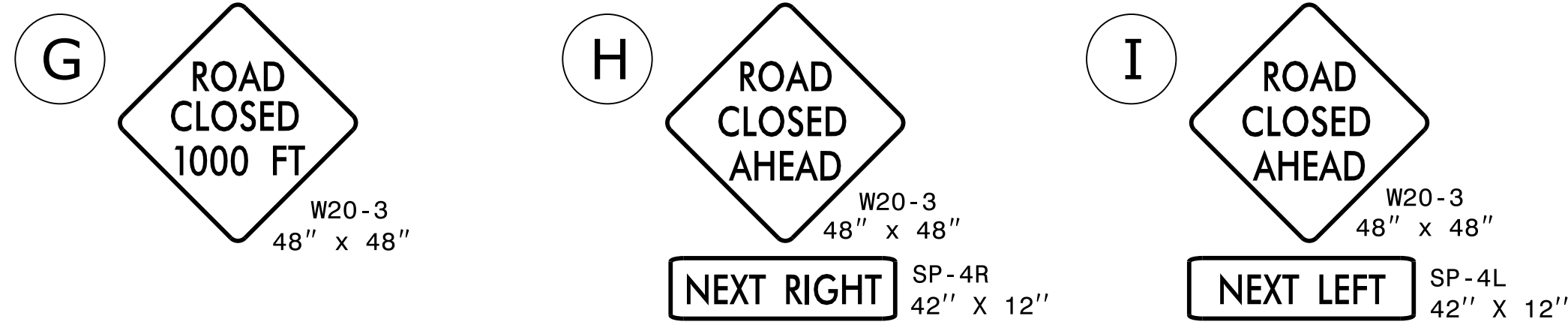
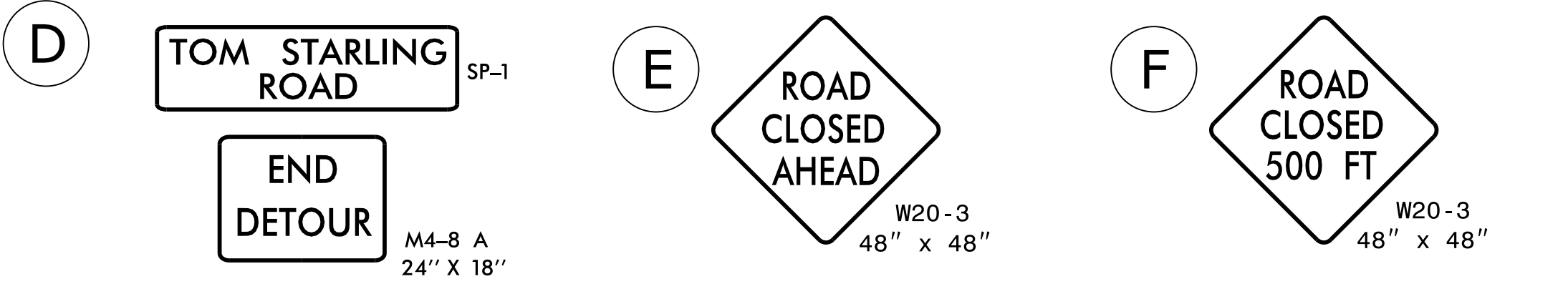
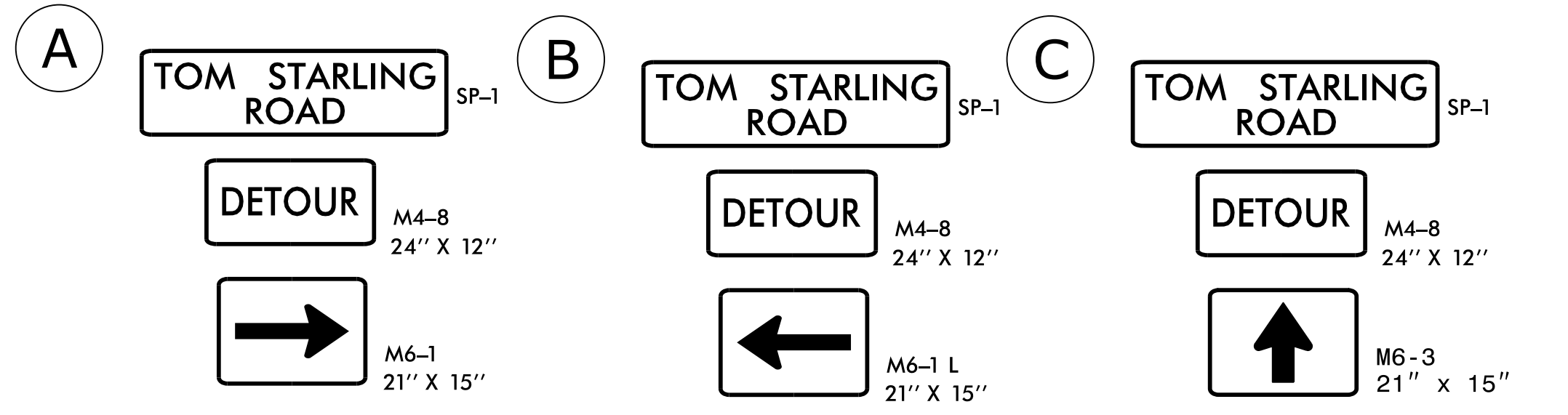
APPROVED: Jason M. Pickens DATE: 3/31/2015

DocuSigned by:
Jason M. Pickens
SEAL
37950
ENGINEER
NORTH CAROLINA PROFESSIONAL SEAL



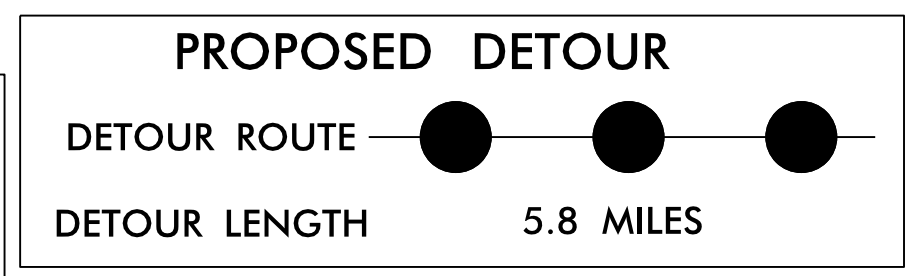
TRANSPORTATION MANAGEMENT PLAN
TOM STARLING ROAD -L- DETOUR PHASE I

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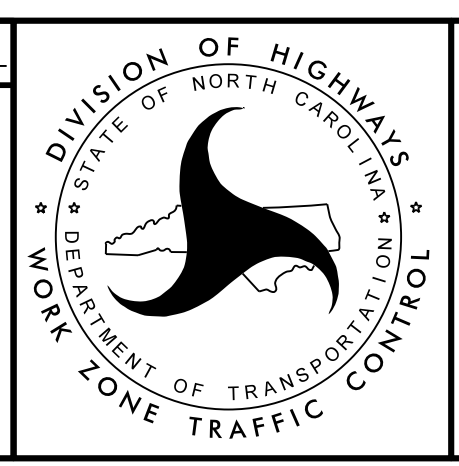
NOTE:
1. ACTIVATE CHANGEABLE MESSAGE SIGN FIVE (5) DAYS BEFORE OFF-SITE DETOUR IS IMPLEMENTED.

NOTES:
1. REFER TO RSD 1101.02, SHEET 3 OF 15 AND RSD 1101.03, SHEET 1 & 2 OF 9, FOR ADDITIONAL SIGNS AND GENERAL NOTES.
2. SEE SHEET TMP-2D FOR THE SPECIAL SIGN DESIGN.
3. ALL DETOUR SIGN LOCATIONS ARE APPROXIMATE.



APPROVED: Jason M. Pickens DATE: 3/31/2015

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER JASON M. PICKENS 37950



TRANSPORTATION MANAGEMENT PLAN

TOM STARLING ROAD -L- DETOUR PHASE I

26-MAR-2015 15:36 J:\W-5512\TrafficControl\TCP\W-5512.TC_TMP_02.dgn \$\$\$USERNAME\$\$\$

GENERAL NOTES

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

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

TIME RESTRICTIONS

A) DO NOT CLOSE LANES AS FOLLOWS:

| ROAD NAME | DAY AND TIME RESTRICTIONS |
|------------------------|-----------------------------------|
| TOM STARLING RD. (-L-) | MONDAY-FRIDAY 6:00AM to 9:00AM |

B) DO NOT CLOSE ROADS AS FOLLOWS:

| ROAD NAME | DAY AND TIME RESTRICTIONS |
|------------------------|-----------------------------------|
| TOM STARLING RD. (-L-) | MONDAY 6:00AM TO FRIDAY 8:00PM |

A MAXIMUM OF FIVE (5) ROAD CLOSURES WILL BE ALLOWED.
(SEE INTERMEDIATE CONTRACT TIME.)

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

LANE AND SHOULDER CLOSURE REQUIREMENTS

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

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

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

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

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

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

PAVEMENT EDGE DROP OFF REQUIREMENTS

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

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

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

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

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

TRAFFIC PATTERN ALTERATIONS

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

SIGNING

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

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

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

TRAFFIC CONTROL DEVICES

O) 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.

P) 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.

PAVEMENT MARKINGS AND MARKERS

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

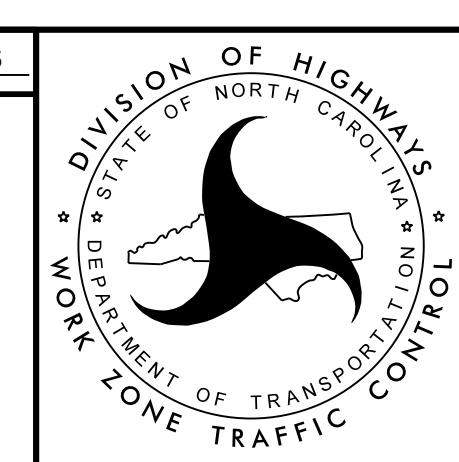
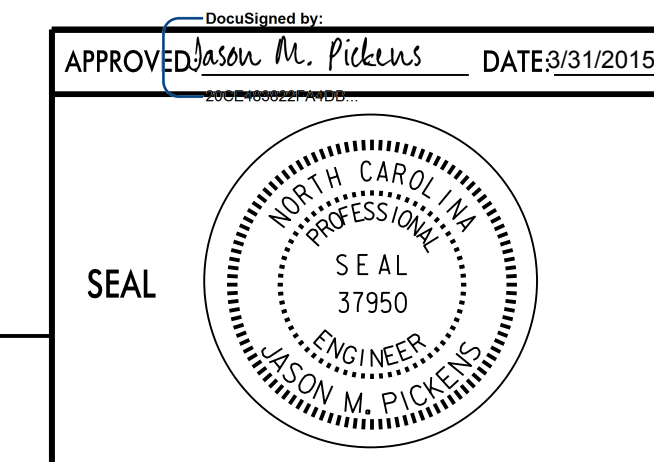
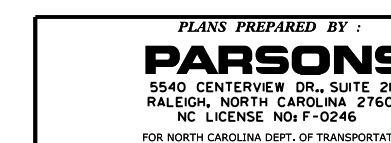
| ROAD NAME | MARKING | MARKER |
|-----------|---------|-----------|
| ALL ROADS | PAINT | TEMPORARY |

R) 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.

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

T) REMOVE/REPLACE ANY CONFLICTING/DAMAGED PAVEMENT MARKINGS AND MARKERS BY THE END OF EACH DAY'S OPERATION.

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TRANSPORTATION
MANAGEMENT PLAN

GENERAL NOTES

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 WARNING SIGNS |
| 1101.02 | TEMPORARY LANE CLOSURES |
| 1101.04 | TEMPORARY SHOULDER CLOSURES |
| 1101.05 | WORK ZONE VEHICLE ACCESSES |
| 1101.11 | TRAFFIC CONTROL DESIGN TABLES |
| 1110.01 | STATIONARY WORK ZONE SIGNS |
| 1110.02 | PORTABLE WORK ZONE SIGNS |
| 1130.01 | DRUMS |
| 1135.01 | CONES |
| 1145.01 | BARRICADES |
| 1150.01 | FLAGGING DEVICES |
| 1165.01 | WORK VEHICLE LIGHTING SYSTEMS AND TMA DELINEATION |
| 1205.01 | PAVEMENT MARKINGS - LINE TYPES AND OFFSETS |
| 1205.02 | PAVEMENT MARKINGS - TWO LANE AND MULTILANE ROADWAYS |
| 1205.04 | PAVEMENT MARKINGS - INTERSECTIONS |
| 1205.05 | PAVEMENT MARKINGS - TURN LANES |
| 1205.06 | PAVEMENT MARKINGS - LANE DROPS |
| 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.

- WORK AREA
- TEMPORARY PAVEMENT / WEDGE
- WEDGE / OVERLAY
- REMOVAL

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

| SYMBOL | DESCRIPTION | PAY ITEM |
|---------------------------------|-------------------------------|--------------|
| <u>PAVEMENT MARKING LINES</u> | | |
| | | PAINT (4") |
| PA | WHITE EDGELINE | |
| PD | 3 FT.-9 FT./SP WHITE MINISKIP | |
| PE | WHITE SOLID LANE LINE | |
| PI | YELLOW DOUBLE CENTER | PAINT (8") |
| PP | YELLOW DIAGONAL | PAINT (24") |
| P2 | WHITE STOPBAR | |
| <u>PAVEMENT MARKING SYMBOLS</u> | | |
| | | PAINT SYMBOL |
| QA | LEFT TURN ARROW | |
| QB | RIGHT TURN ARROW | |
| QE | COMBO. RIGHT/STRAIGHT ARROW | |

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

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PLANS PREPARED BY
PARSONS
5540 CENTERVIEW DR., SUITE 217
RALEIGH, NORTH CAROLINA 27606
NO. LICENSE: 100 F-5246
FOR NORTH CAROLINA DEPT. OF TRANSPORTATION

APPROVED: Jason M. Pickens DATE: 3/31/2015
SEAL
NORTH CAROLINA PROFESSIONAL ENGINEER
SEAL 37950
JASON M. PICKENS

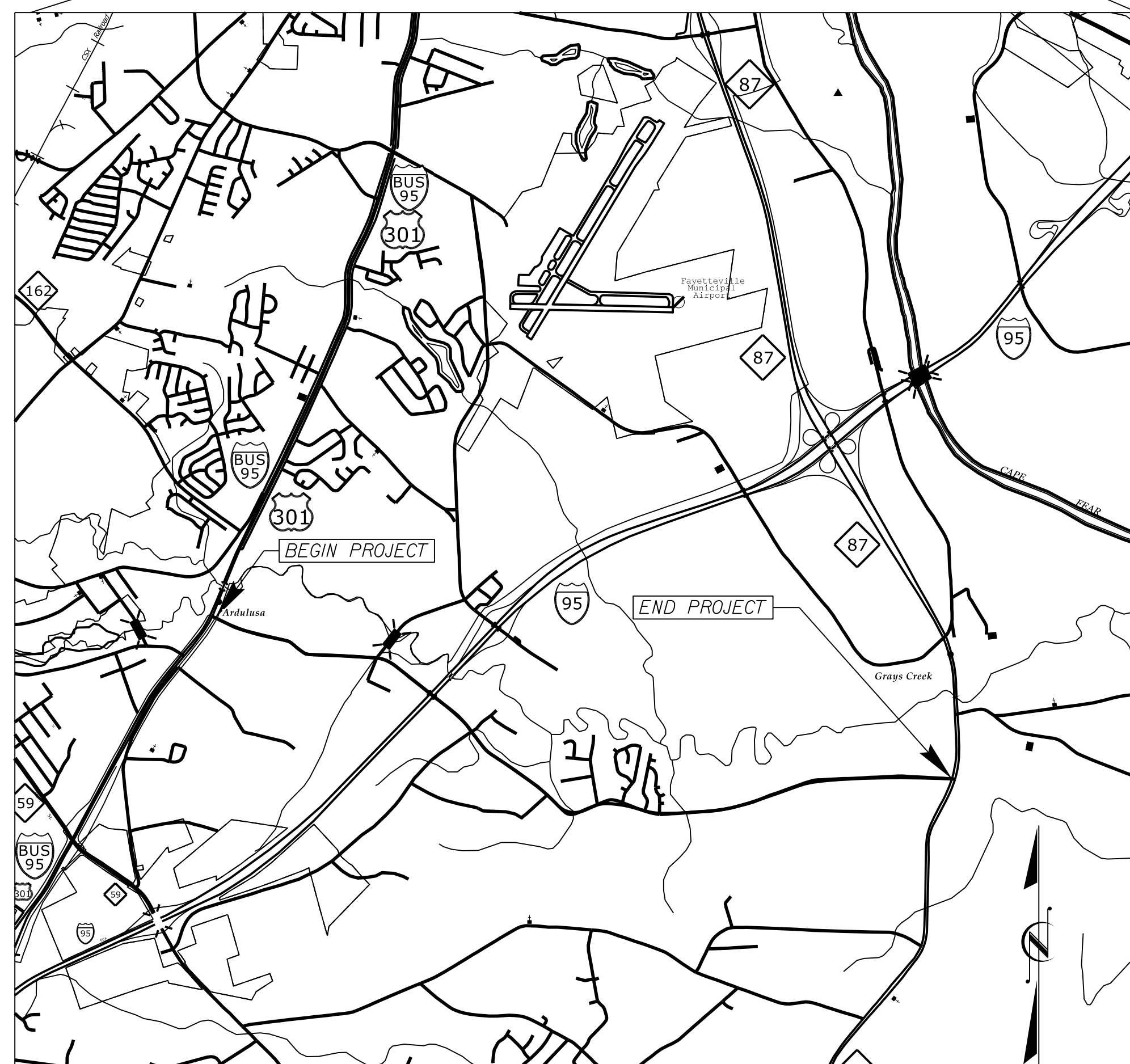
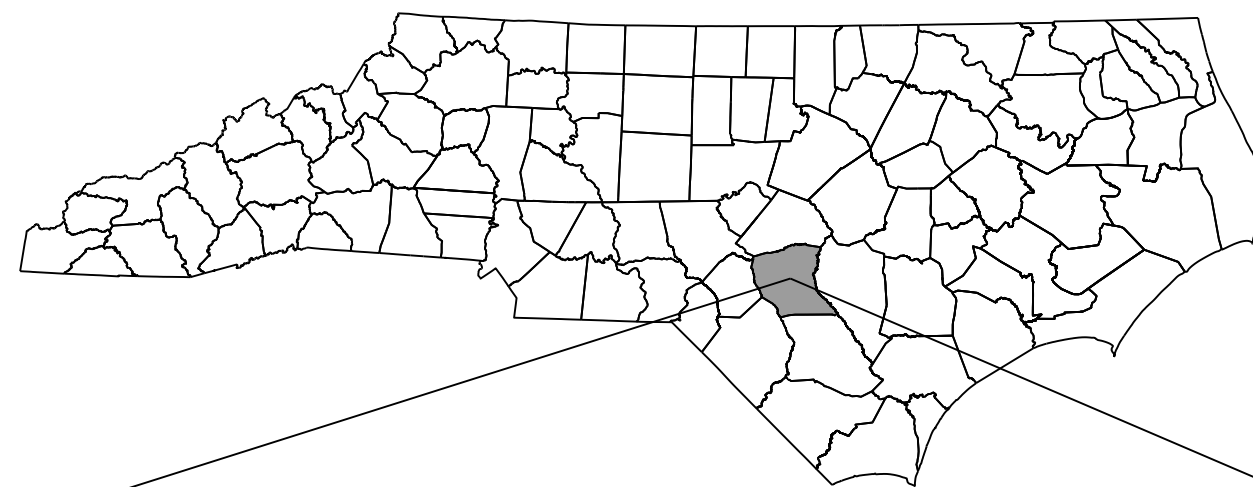


TRANSPORTATION
MANAGEMENT PLAN
**ROADWAY STANDARD
DRAWINGS & LEGENDS**

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

TRANSPORTATION MANAGEMENT PLAN

CUMBERLAND COUNTY



INDEX OF SHEETS

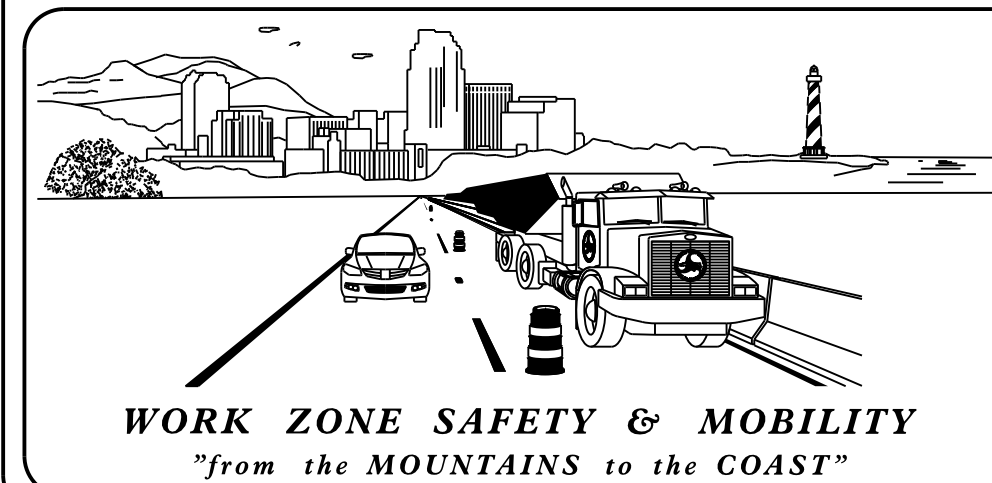
| SHEET NO. | TITLE |
|-----------------|--|
| TMP-1 | TITLE SHEET, VICINITY MAP AND INDEX OF SHEETS |
| TMP-1A | LIST OF APPLICABLE ROADWAY STANDARD DRAWINGS, AND LEGEND |
| TMP-1B | TRANSPORTATION OPERATIONS PLAN: GENERAL NOTES |
| TMP-2 - TMP-2D | DETOUR AND SPECIAL SIGN DESIGNS |
| TMP-3 | PHASING |
| TMP-4 - TMP-12 | PHASE 1 DETAIL SHEETS |
| TMP-13 - TMP-19 | PHASE 2 DETAIL SHEETS |

SHEET NO.
TMP-1

W-5512

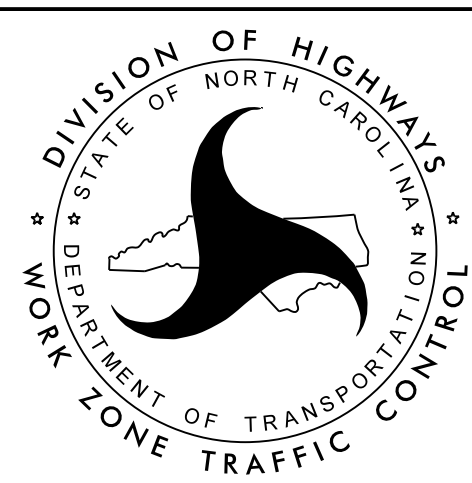
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TRAFFIC CONTROL DESIGN ENGINEER



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APPROVED: *Jason M. Pickens*
DATE: 4/17/2015

SEAL