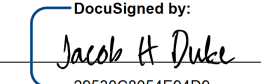


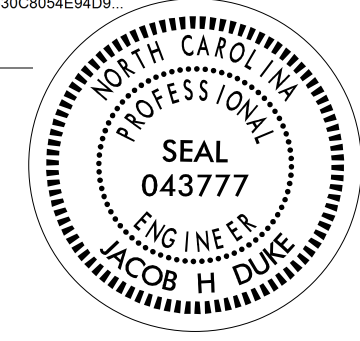
**NOTES:**

- USE THIS SHEET IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 14, TMP-41, AND TMP-42.

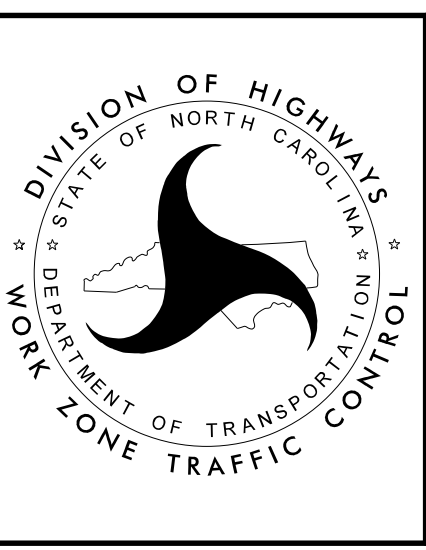
 WORK AREA

1/25/2023  
I-6052\_TC\_TMP\_BRIDGE\_338\_UNDERSIDE (2 OF 2).dgn  
User: jdebone

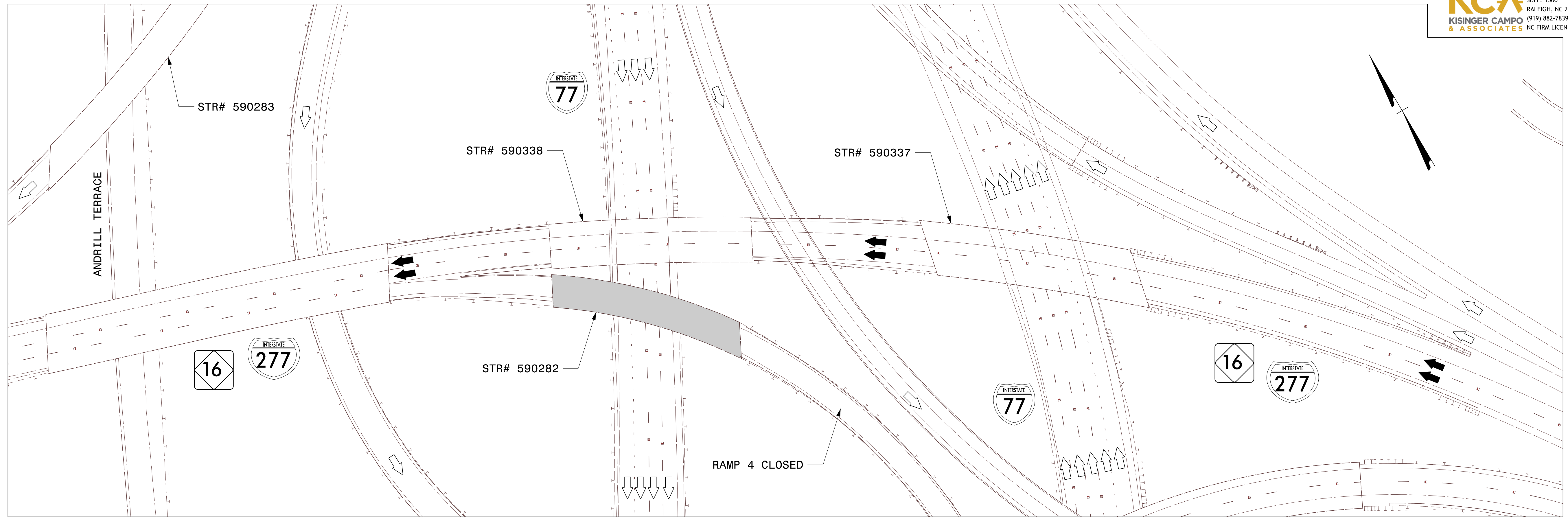
APPROVED:   
DATE: 1/25/2023



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



**BRIDGE 590338  
UNDERSIDE  
WORK AREA  
(2 OF 2)**

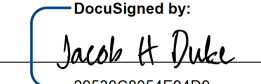


**NOTES:**

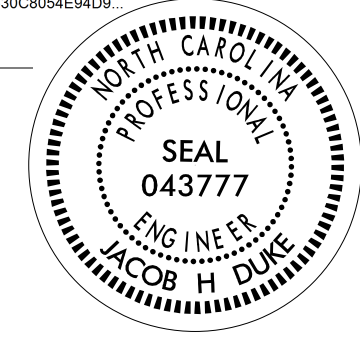
- USE THIS SHEET IN CONJUNCTION WITH TMP-34.

 WORK AREA

1/25/2023  
 I-6052\_TC\_TMP\_BRIDGE\_282\_TOPSIDE.dgn  
 User: jdebone

APPROVED:   
DocuSigned by: Jacob H. Duke 29630C8054E84D9

DATE: 1/25/2023

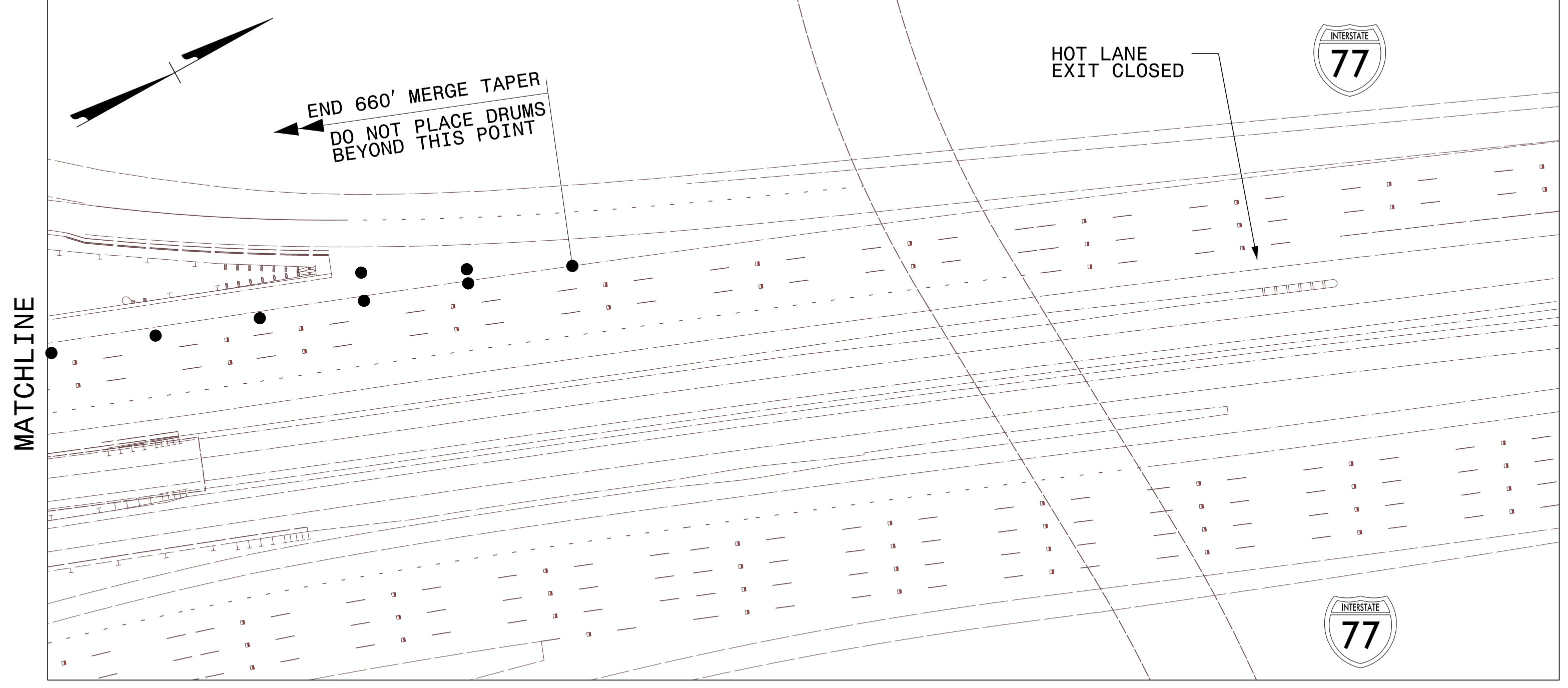
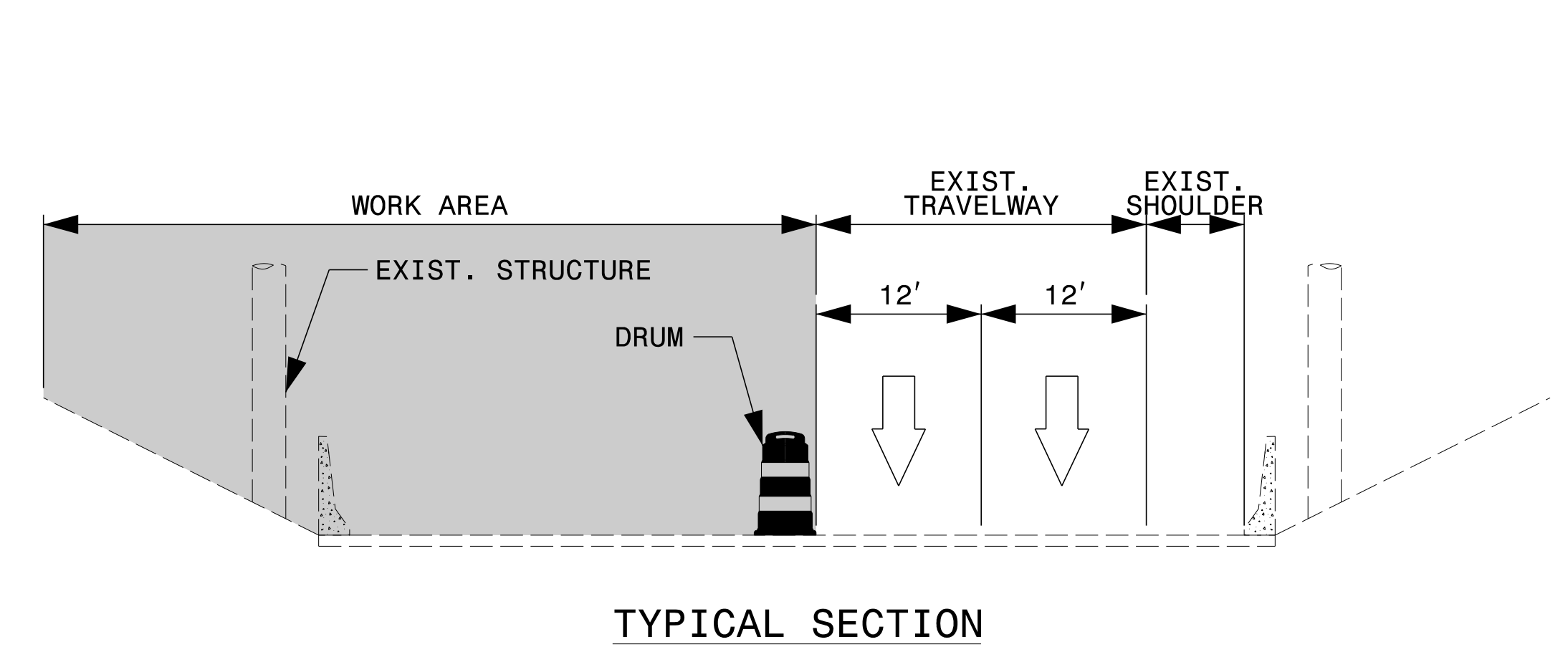
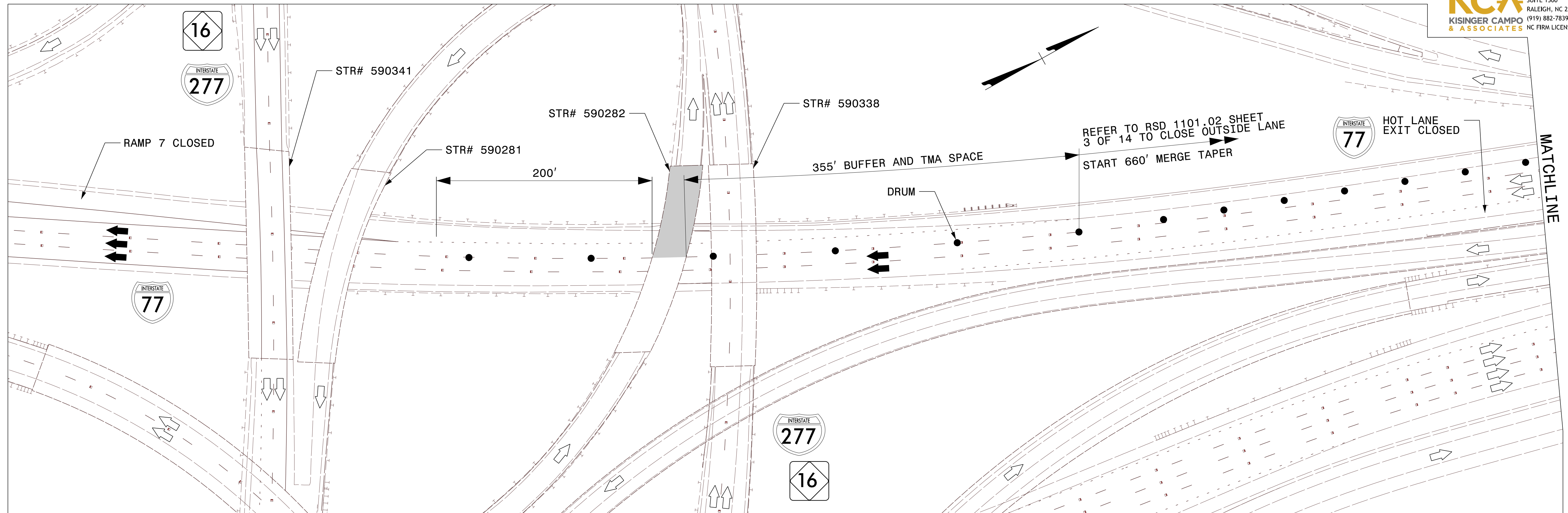


**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



**BRIDGE 590282  
 WORK AREA**



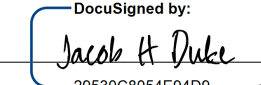


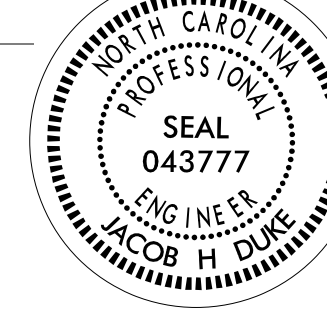
**NOTES:**

- USE THIS SHEET IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14, TMP-41, TMP-42, AND TMP-43.

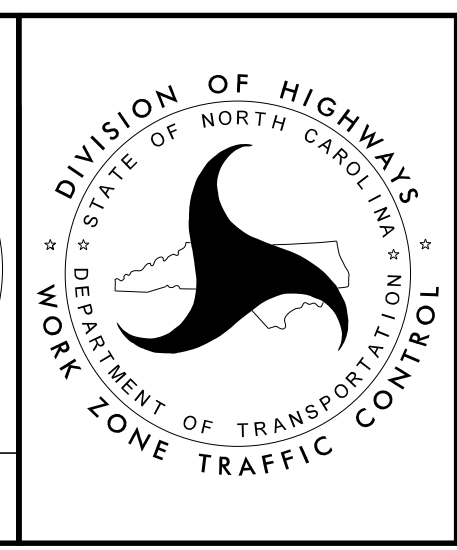
WORK AREA

1/25/2023  
 I-6052-TC-TMP-BRIDGE 282 UNDERSIDE (1 OF 2).dgn  
 User: jdebone

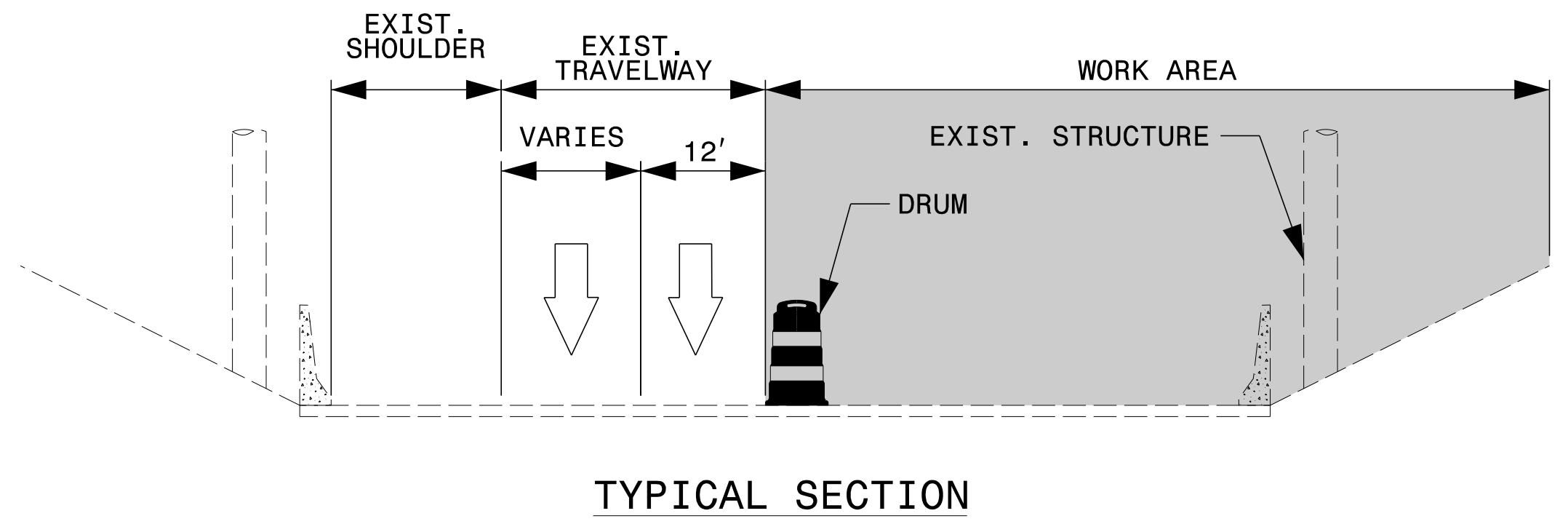
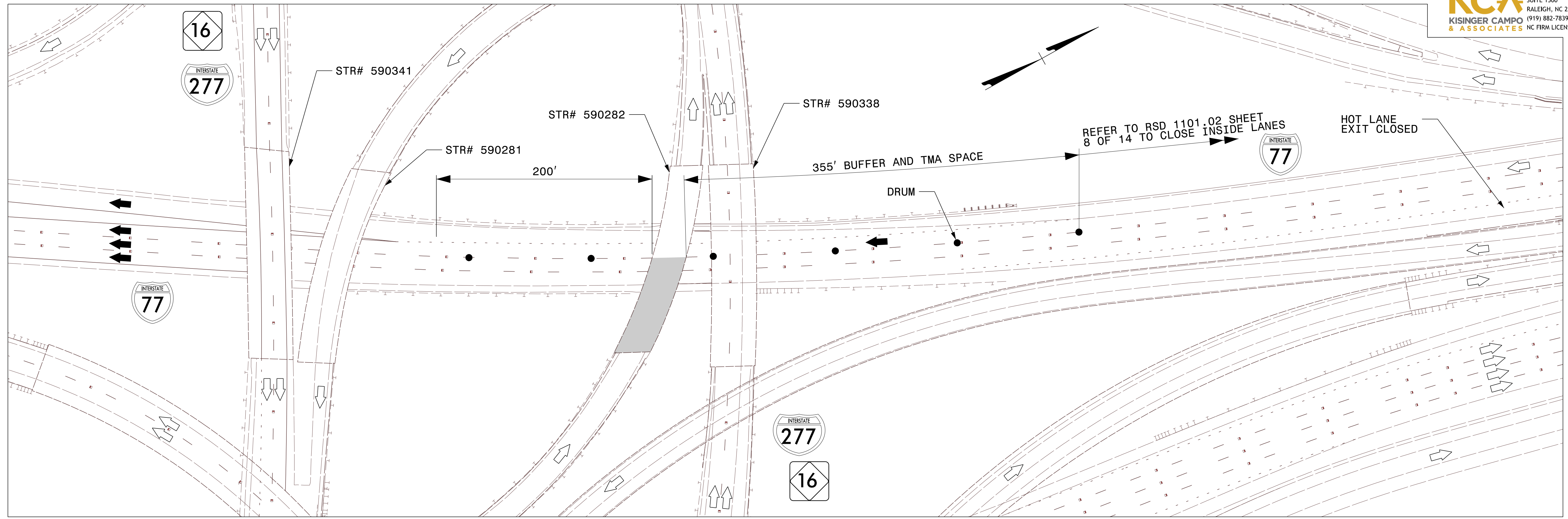
APPROVED:   
 DATE: 1/25/2023



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



**BRIDGE 590282  
 UNDERSIDE  
 WORK AREA  
 (1 OF 2)**

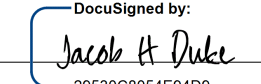


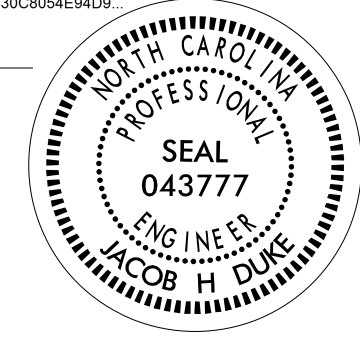
**NOTES:**

- USE THIS SHEET IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 14, TMP-41, AND TMP-42.

■ WORK AREA

1/25/2023  
I-6052\_TC\_TMP\_BRIDGE\_282\_UNDERSIDE (2 OF 2).dgn  
User: jdebone

APPROVED:   
DATE: 1/25/2023

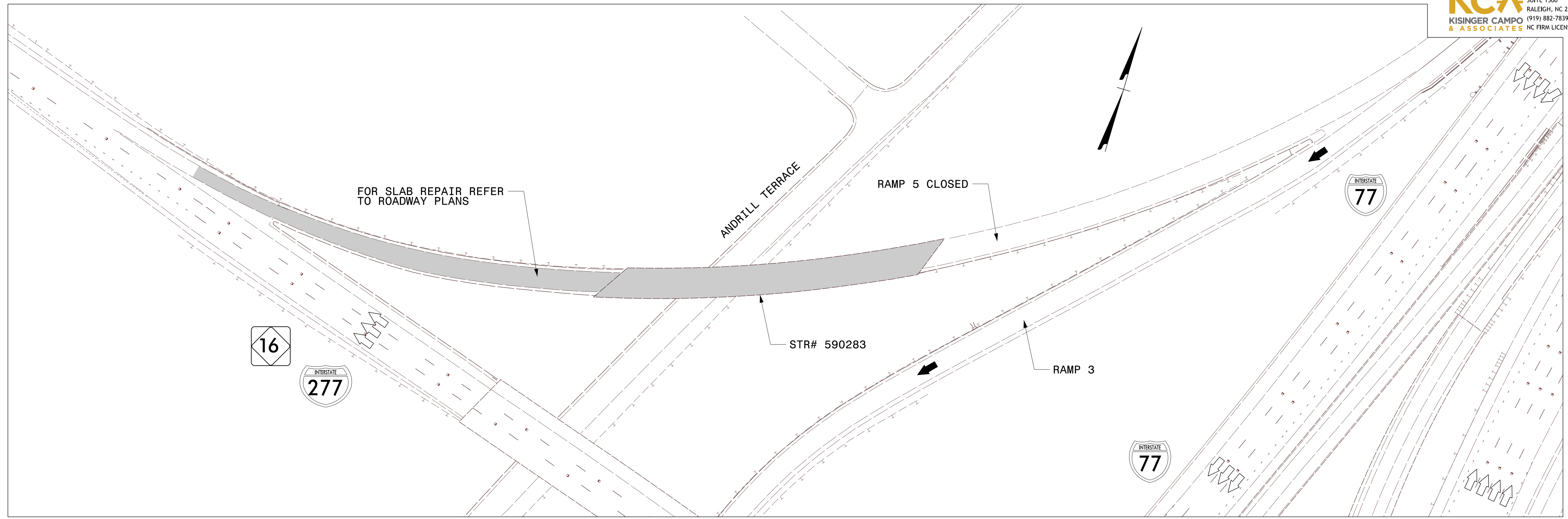


**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



**BRIDGE 590282  
UNDERSIDE  
WORK AREA  
(2 OF 2)**

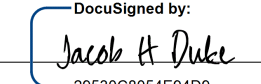




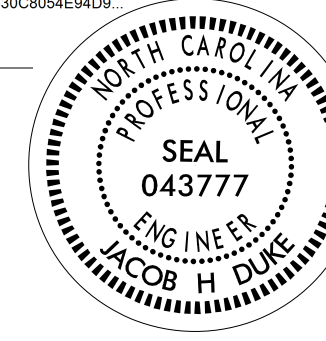
**NOTES:**

- USE THIS SHEET IN CONJUNCTION WITH TMP-35 AND TMP-36.

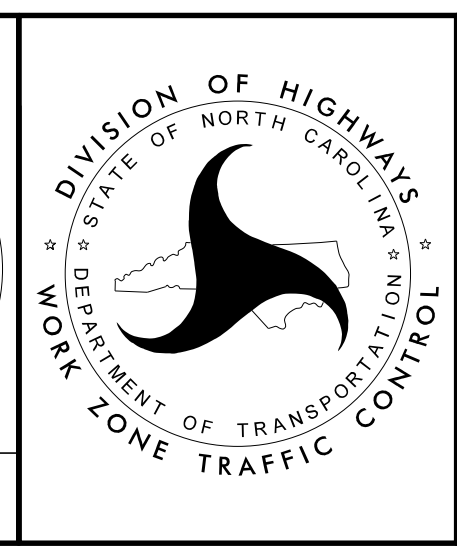
 WORK AREA

APPROVED:  DocuSigned by:  
 29630C8054E84D9

DATE: 1/25/2023

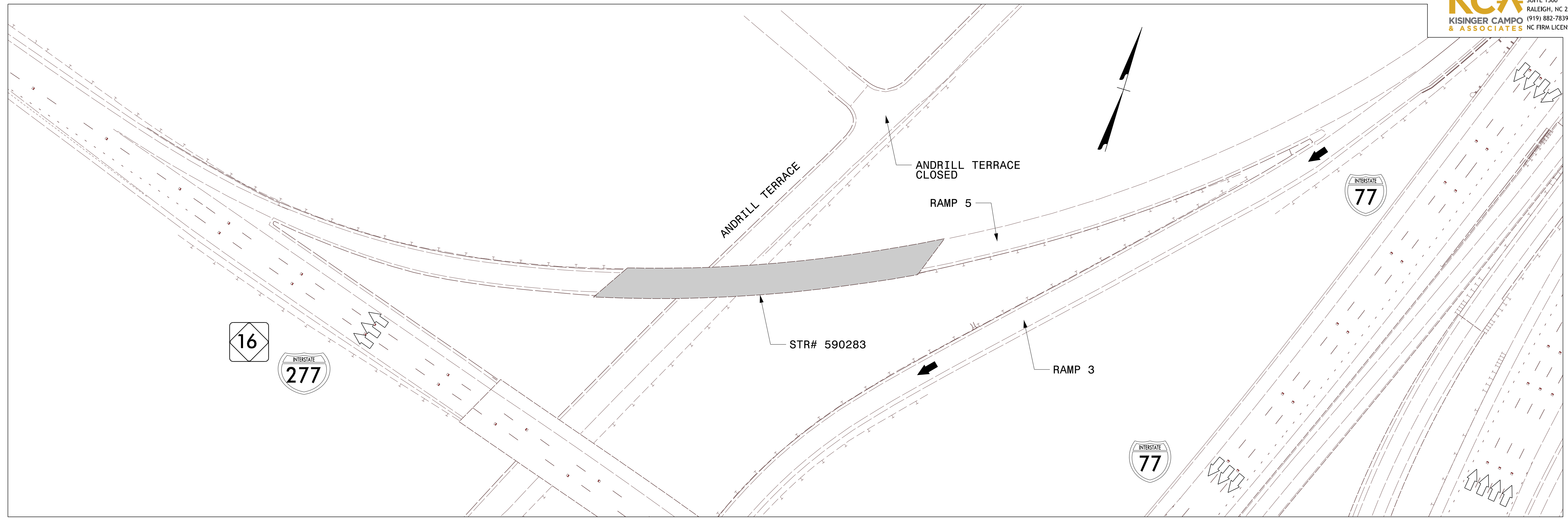


**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**




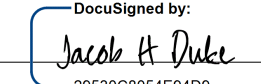
**BRIDGE 590283  
 WORK AREA**

1/25/2023  
 I-6052\_TC\_TMP\_BRIDGE\_283\_TOPSIDE.dgn  
 User: jdebone

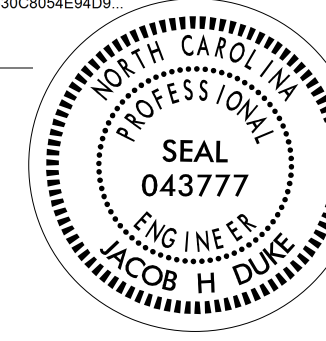


**NOTES:**

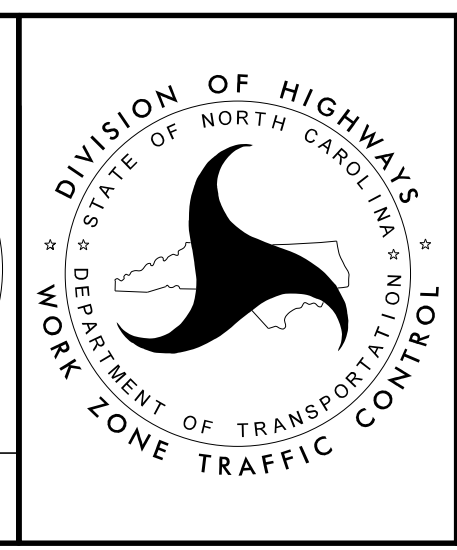
1. USE THIS SHEET IN CONJUNCTION WITH TMP-37.
  2. WHEN SNOOPER IS NEEDED TO PERFORM WORK ON THE STRUCTURE  
 CLOSE RAMP AS NEEDED PER TMP-35 AND TMP-36.
-  WORK AREA

APPROVED:   
DocuSigned by: Jacob H. Duke 29630C8054E84D9

DATE: 1/25/2023

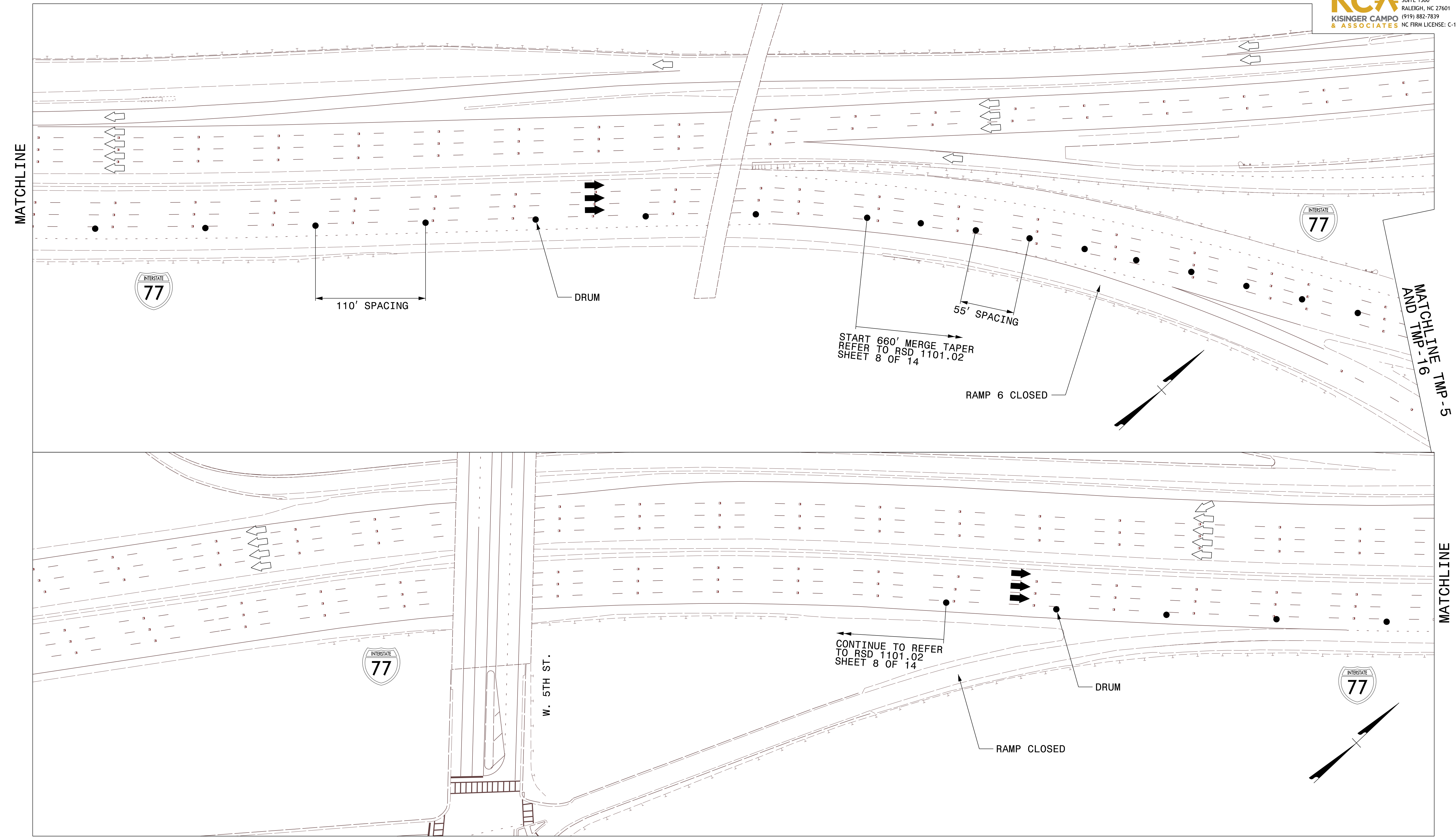


**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



**BRIDGE 590283  
 UNDERSIDE  
 WORK AREA**



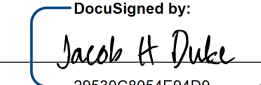


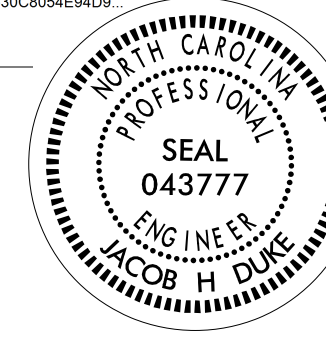
**NOTES:**

- USE THIS SHEET IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 14, TMP-5, TMP-16, TMP-39, AND TMP-40.

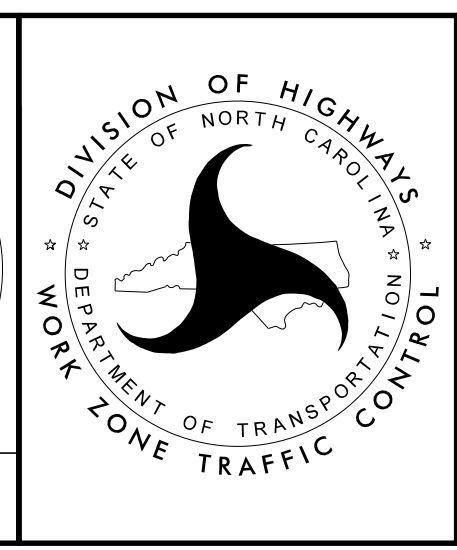
 WORK AREA

1/25/2023  
 I-6052-TC-TMP-1177NB\_OUTSIDE\_LANE\_CLOSURE\_DETAILS.dgn  
 User: jdebone

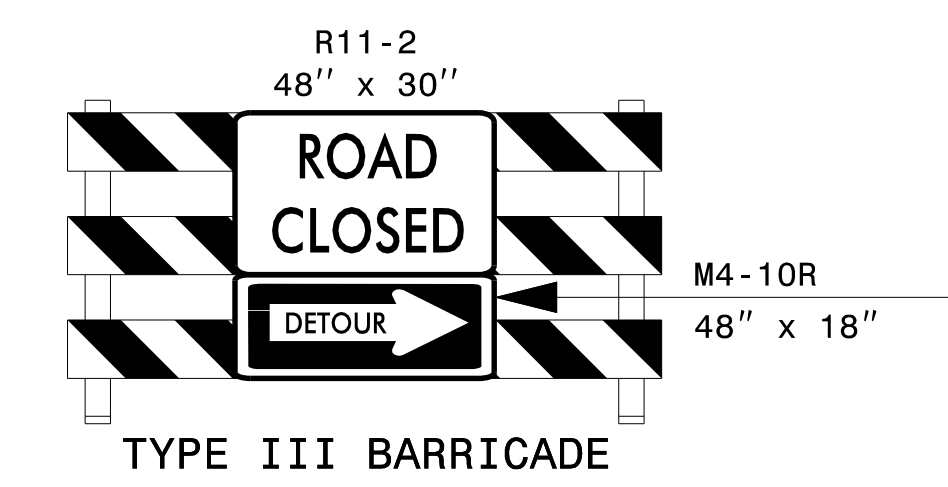
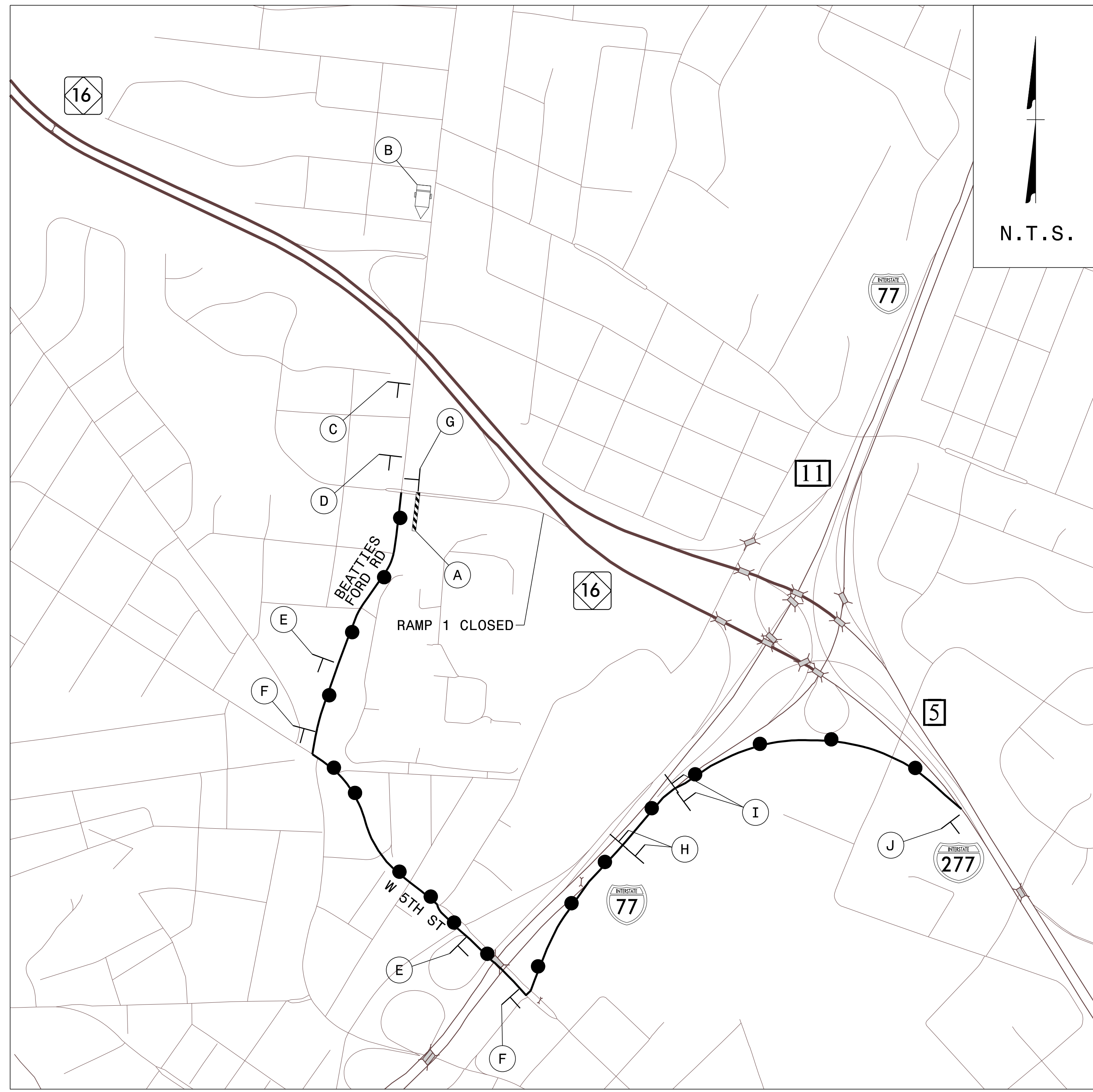
APPROVED:   
 DATE: 1/25/2023



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

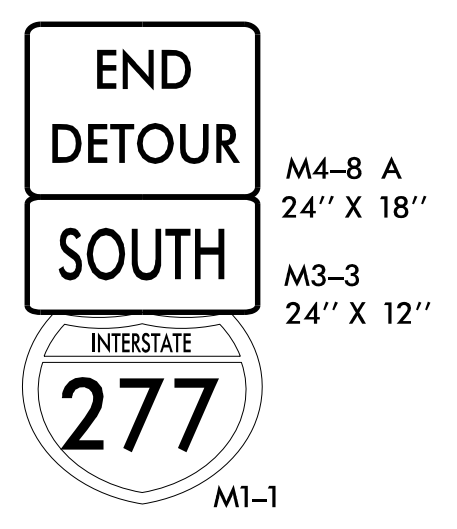
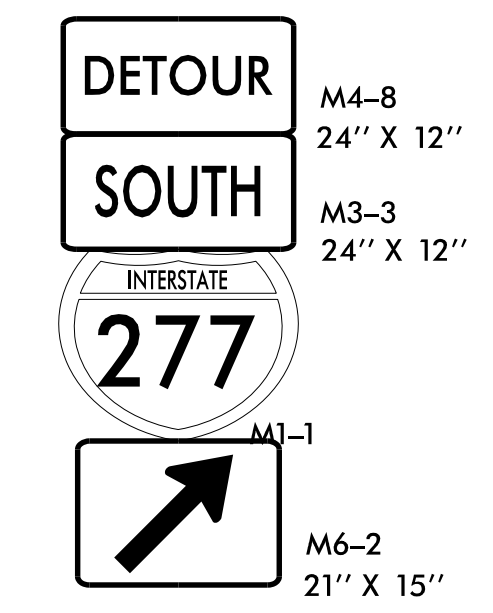
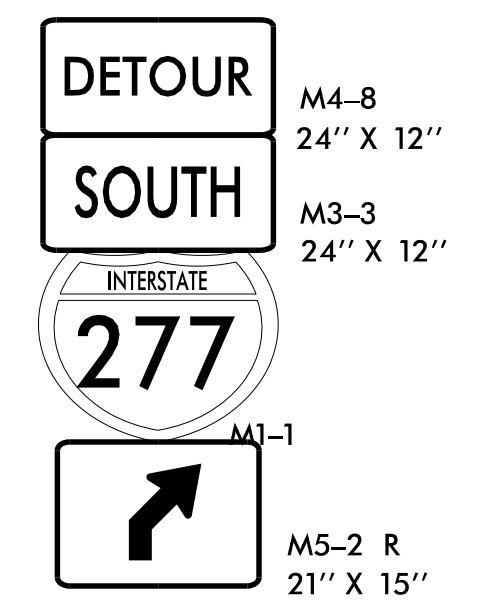
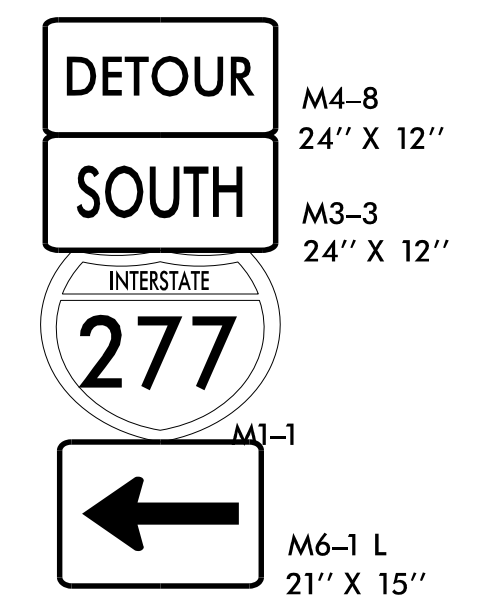
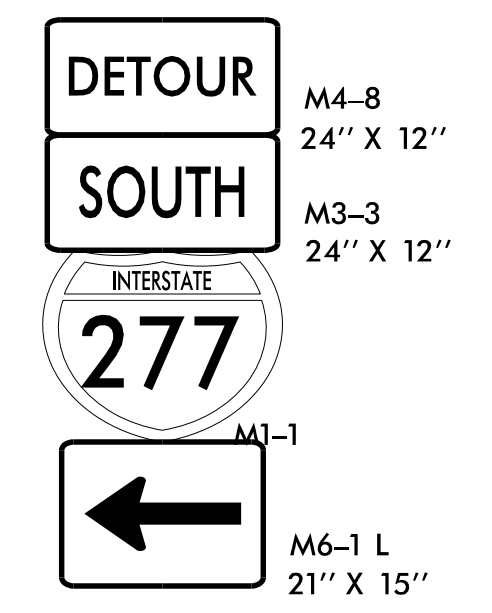
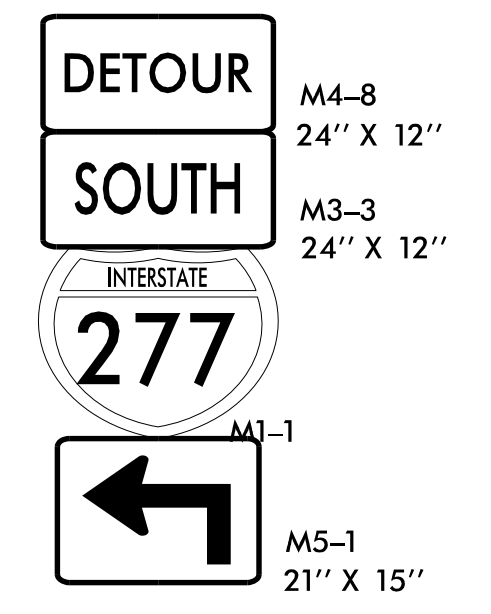
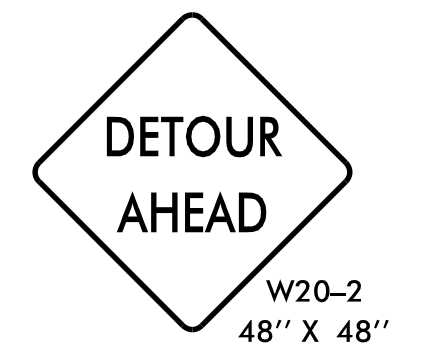
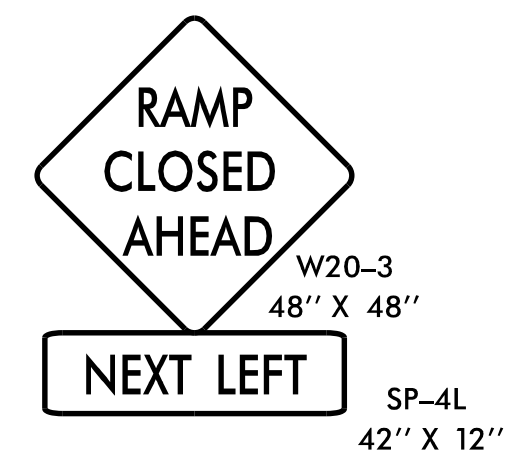


**I-77 NB  
 OUTSIDE LANE  
 CLOSURE DETAILS**



MESSAGE NO. 1	MESSAGE NO. 2
I277 SB RAMP CLOSED	FOLLOW DETOUR

CHANGEABLE MESSAGE SIGN



**DETOUR DESCRIPTION:**

SOUTH: BEATTIES FORD RD TO WEST 5TH STREET TO I-77 NB TO EXIT 11A I-277 SOUTH INNER/NC 16 SOUTH (BROOKSHIRE FRWY EAST).

**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (J) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED AT 500 FOOT INTERVALS UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEETS 1 THRU 3 OF 3, TMP-3, TMP-6, AND TMP-9.
4. ONLY PLACE SIGN (G) WHEN NC16/I-277 IS CLOSED.

APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

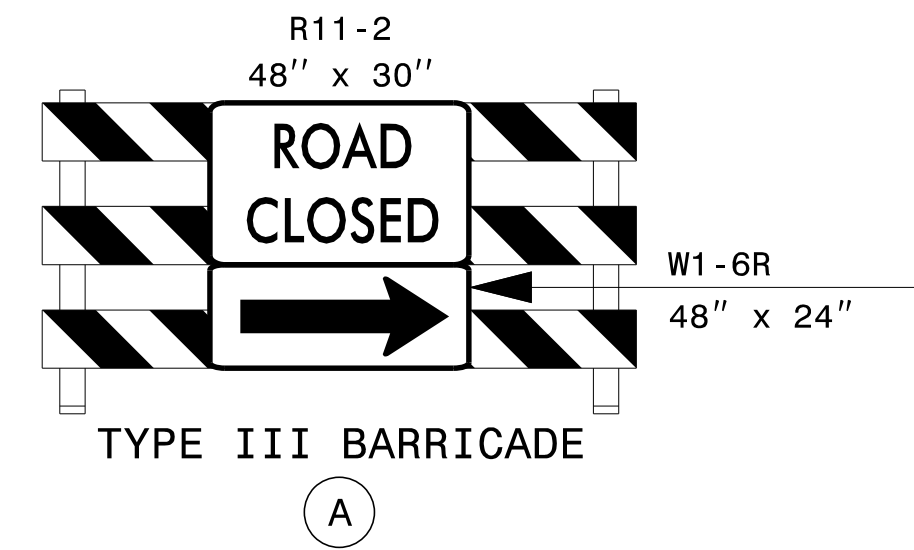
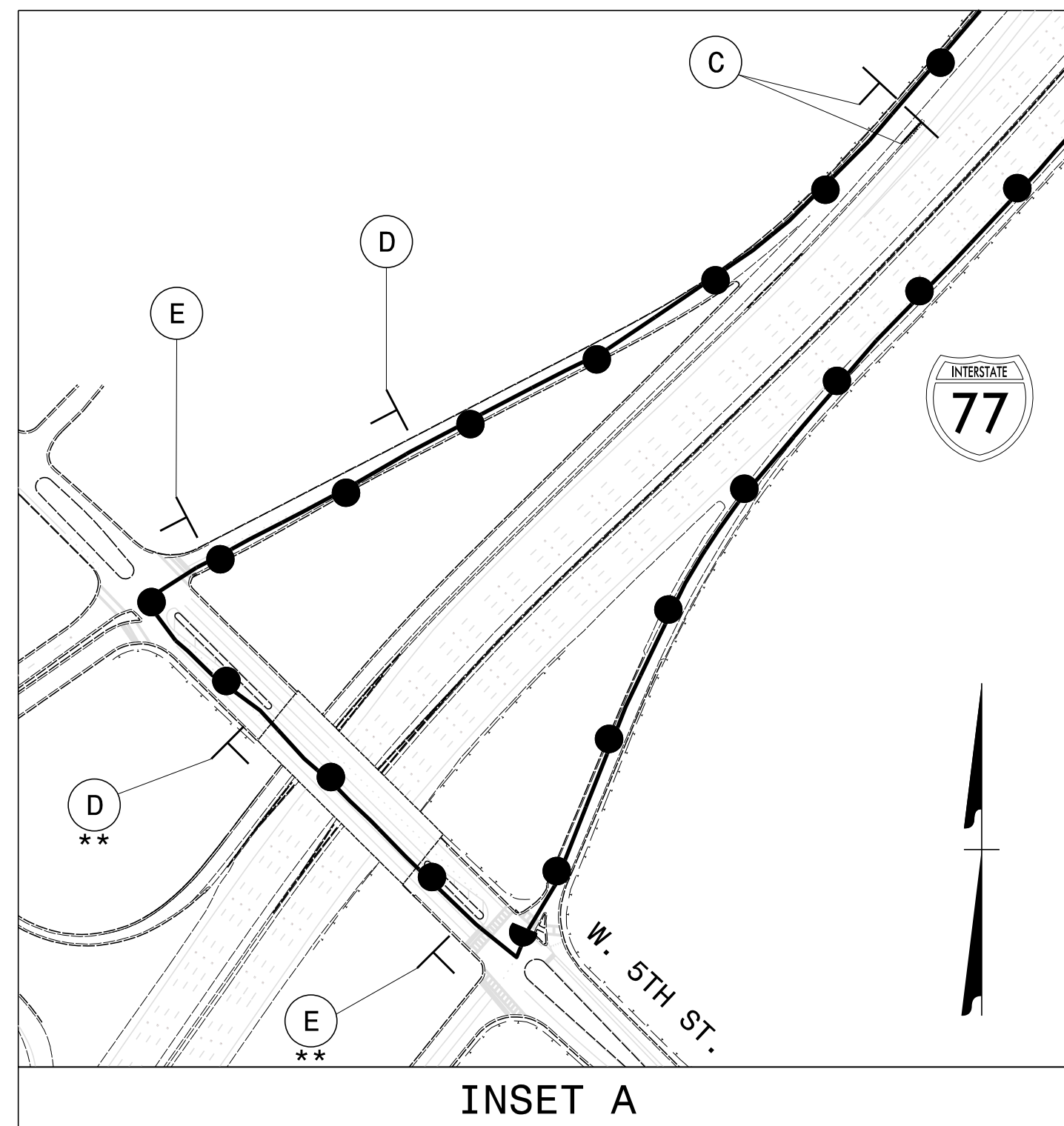
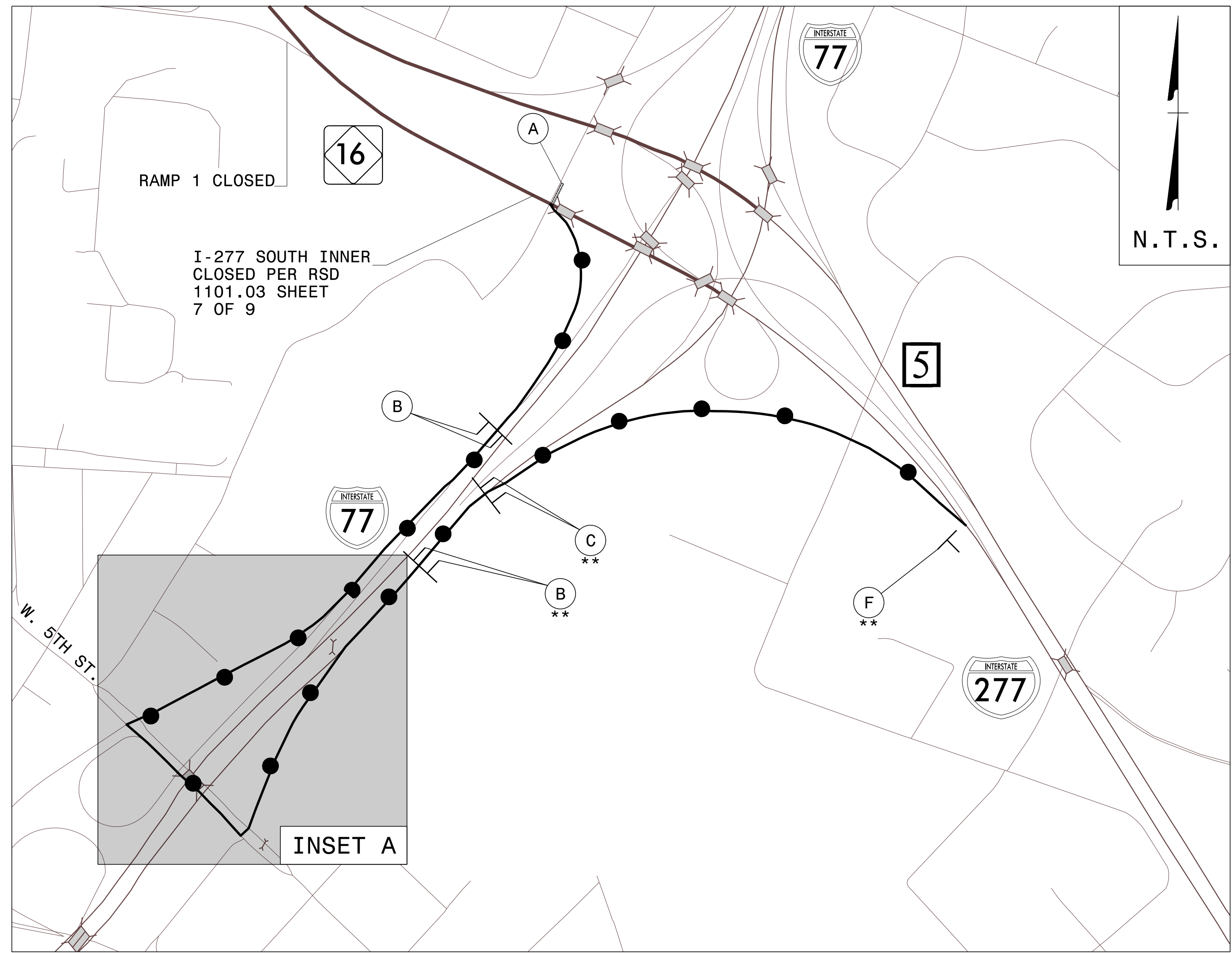
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

RAMP 1  
 DETOUR

1/25/2023  
 I-6052\_TC\_TMP\_RAMP\_I\_DETOUR.dgn  
 User: jidebone





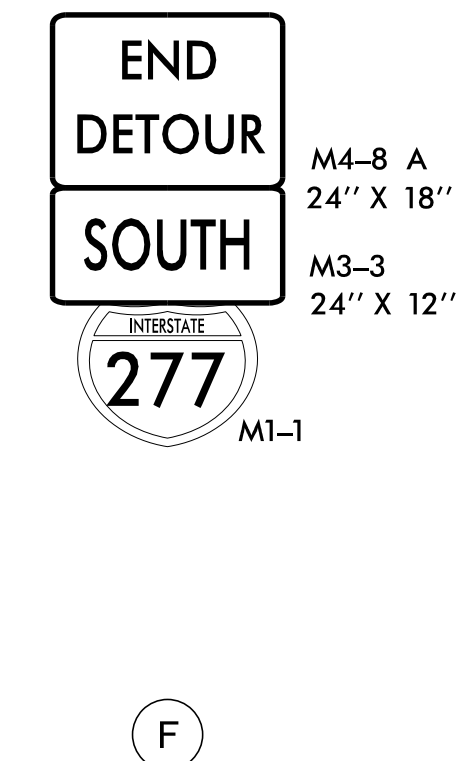
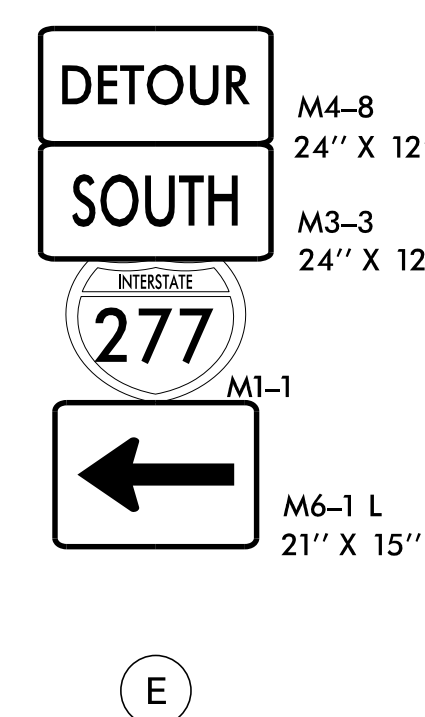
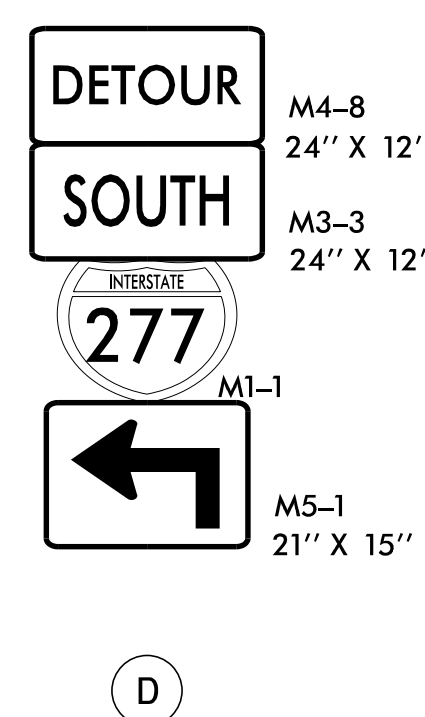
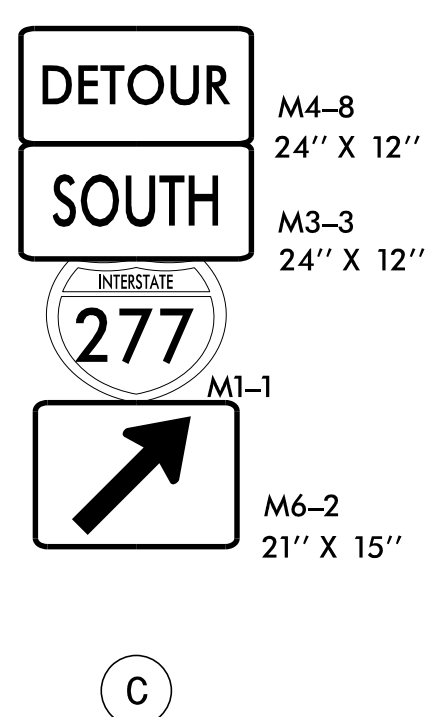
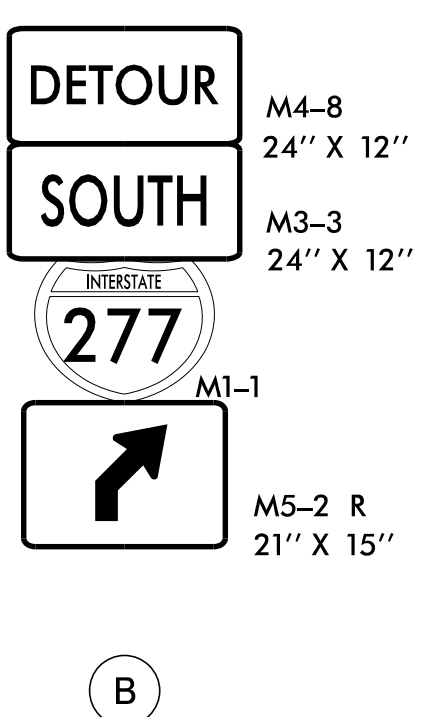
\*\* DENOTES SIGNS THAT WERE PLACED USING TMP-26 WHEN TMP-26 AND TMP-27 ARE BEING USED CONCURRENTLY

**DETOUR DESCRIPTION:**

SOUTH: I-77 SOUTH TO EXIT 10C FIFTH ST WEST TO I-77 NORTH TO EXIT 11A I-277 INNER (BROOKSHIRE FRWY)

**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (F) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4, UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEETS 1 THRU 3 OF 3, RSD, 1101.03 SHEET 7 OF 9, TMP-3, TMP-6, AND TMP-26.



APPROVED: Jacob H. Duke  
 DATE: 1/25/2023

DocuSigned by:  
 29630C8054E84D9

SEAL  
 043777  
 ENGINEER  
 JACOB H. DUKE

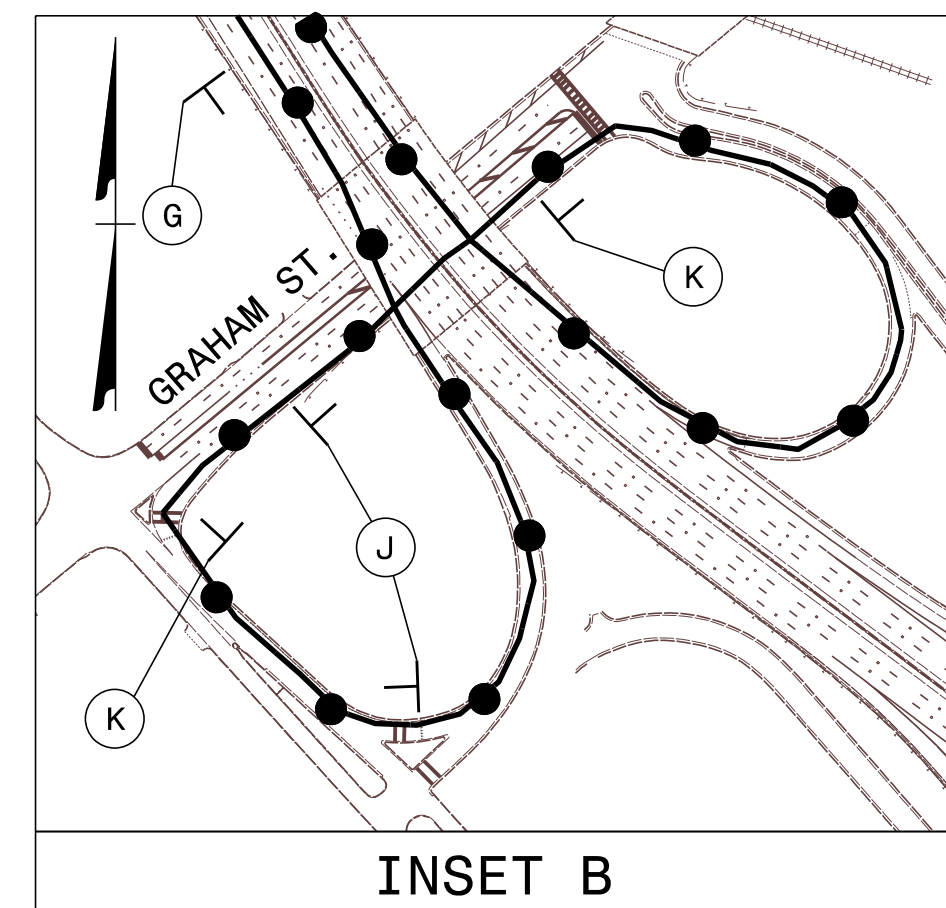
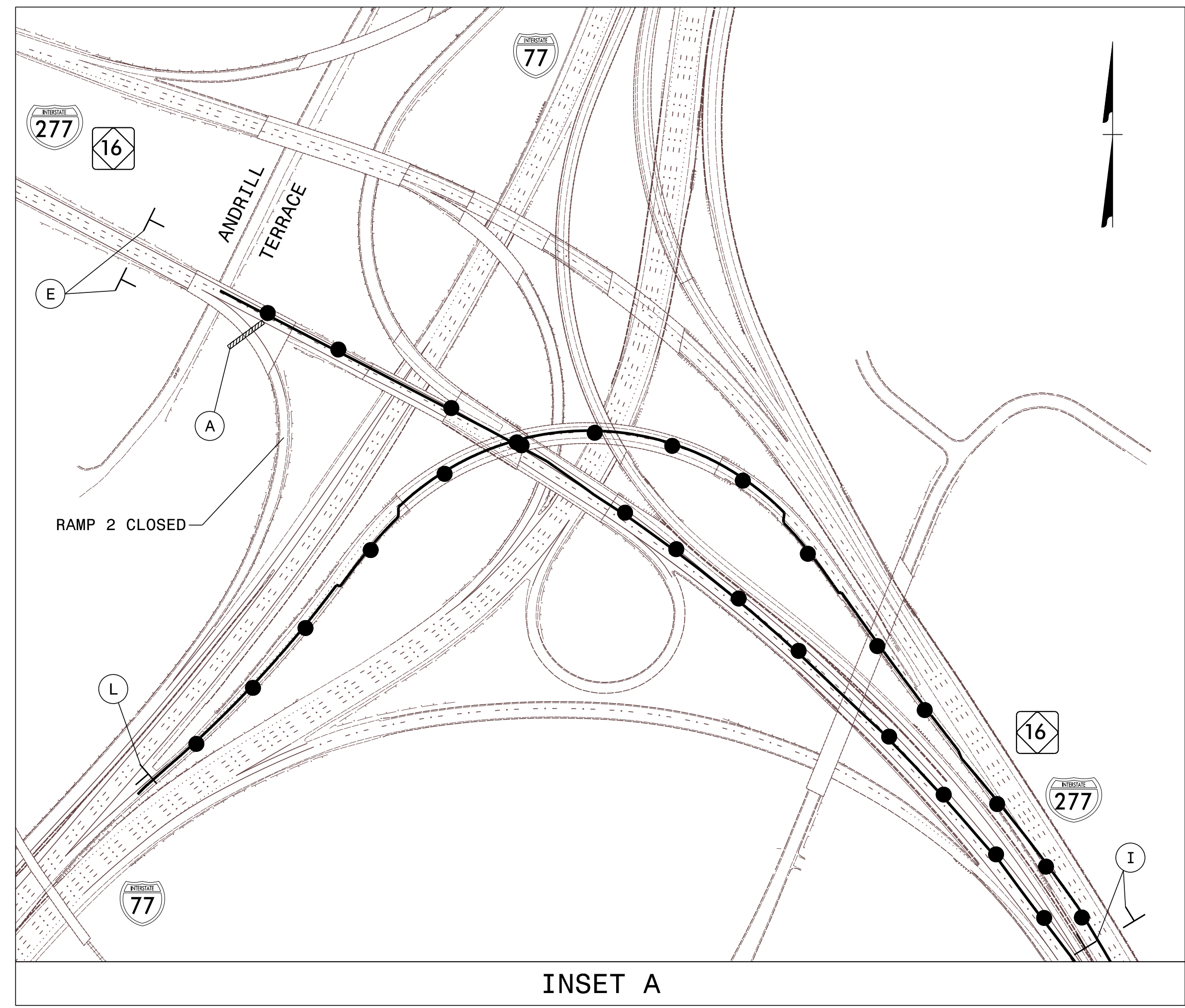
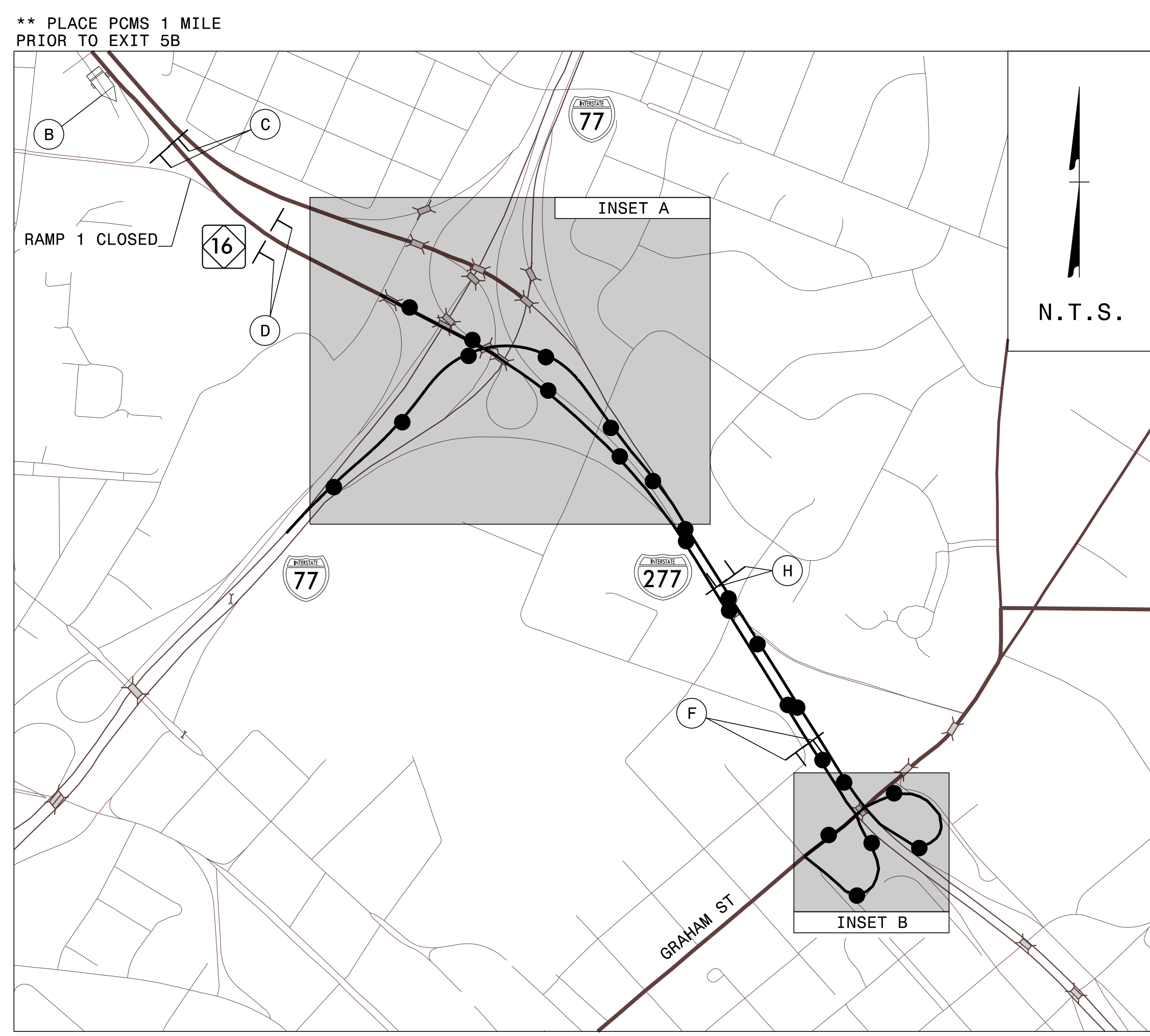
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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

NC16/I277  
 DETOUR

1/25/2023  
 I-6052-TC-TMP-NC16-I277-DETOUR.dgn  
 User: jdebone



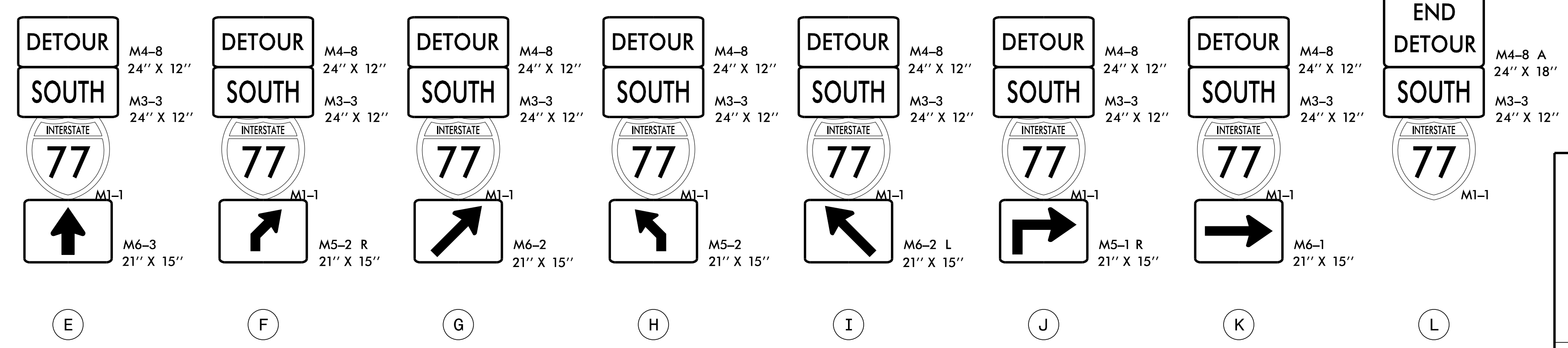
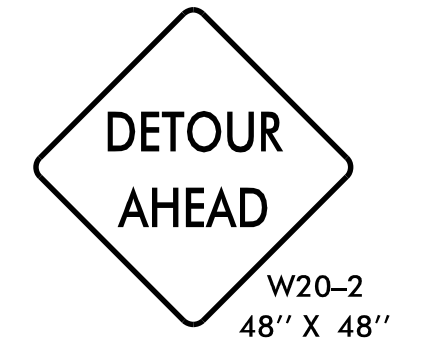
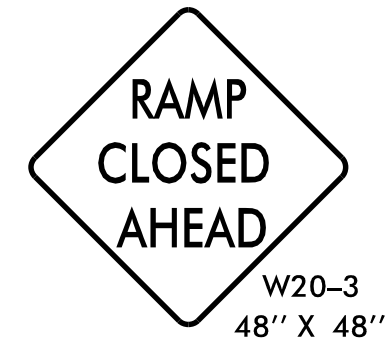
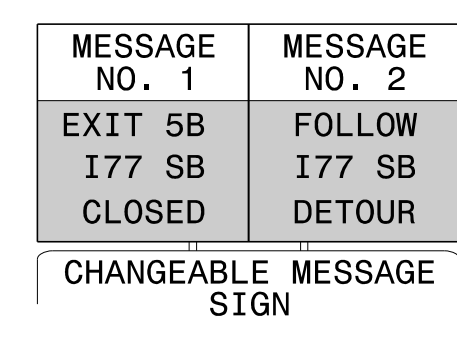
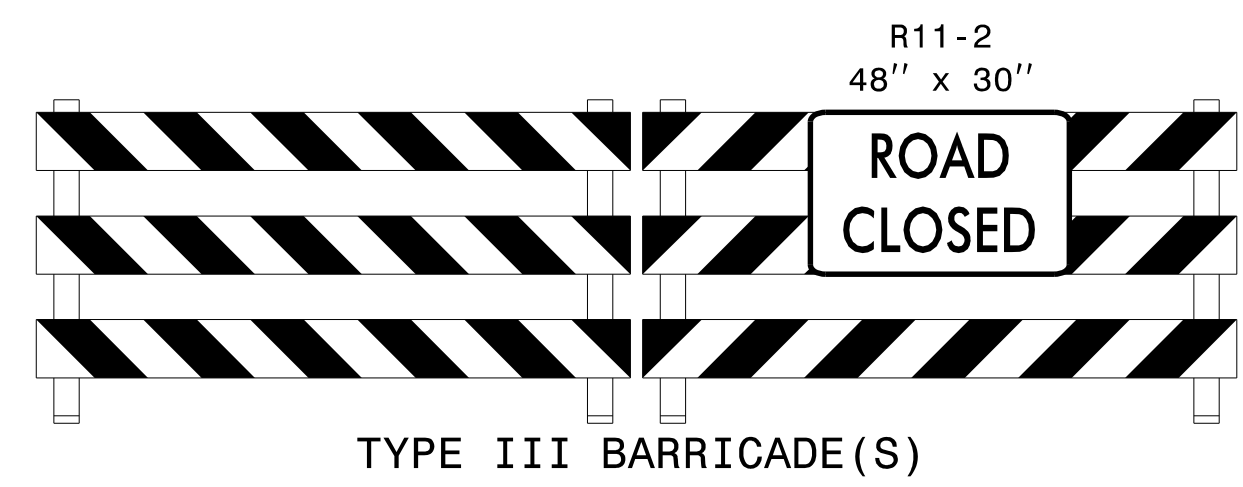


**DETOUR DESCRIPTION:**

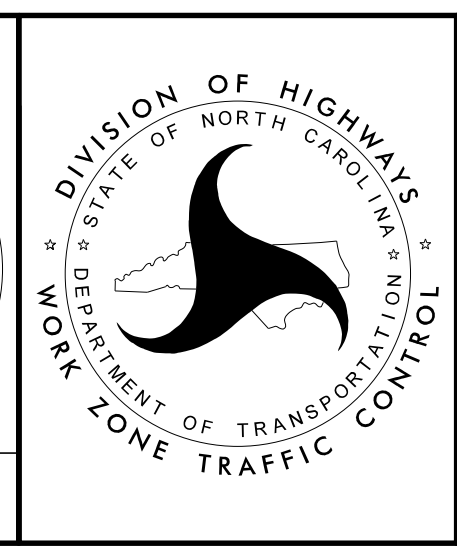
SOUTH: I-277 SOUTH INNER TO EXIT 4 NC 49 (GRAHAM ST) TO I-277 NORTH OUTER TO EXIT 5C I-77 SOUTH.

**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (L) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4, UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEETS 1 THRU 3 OF 3, AND TMP-10.



APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023  
 NORTH CAROLINA PROFESSIONAL ENGINEER  
 SEAL 043777  
 JACOB H. DUKE



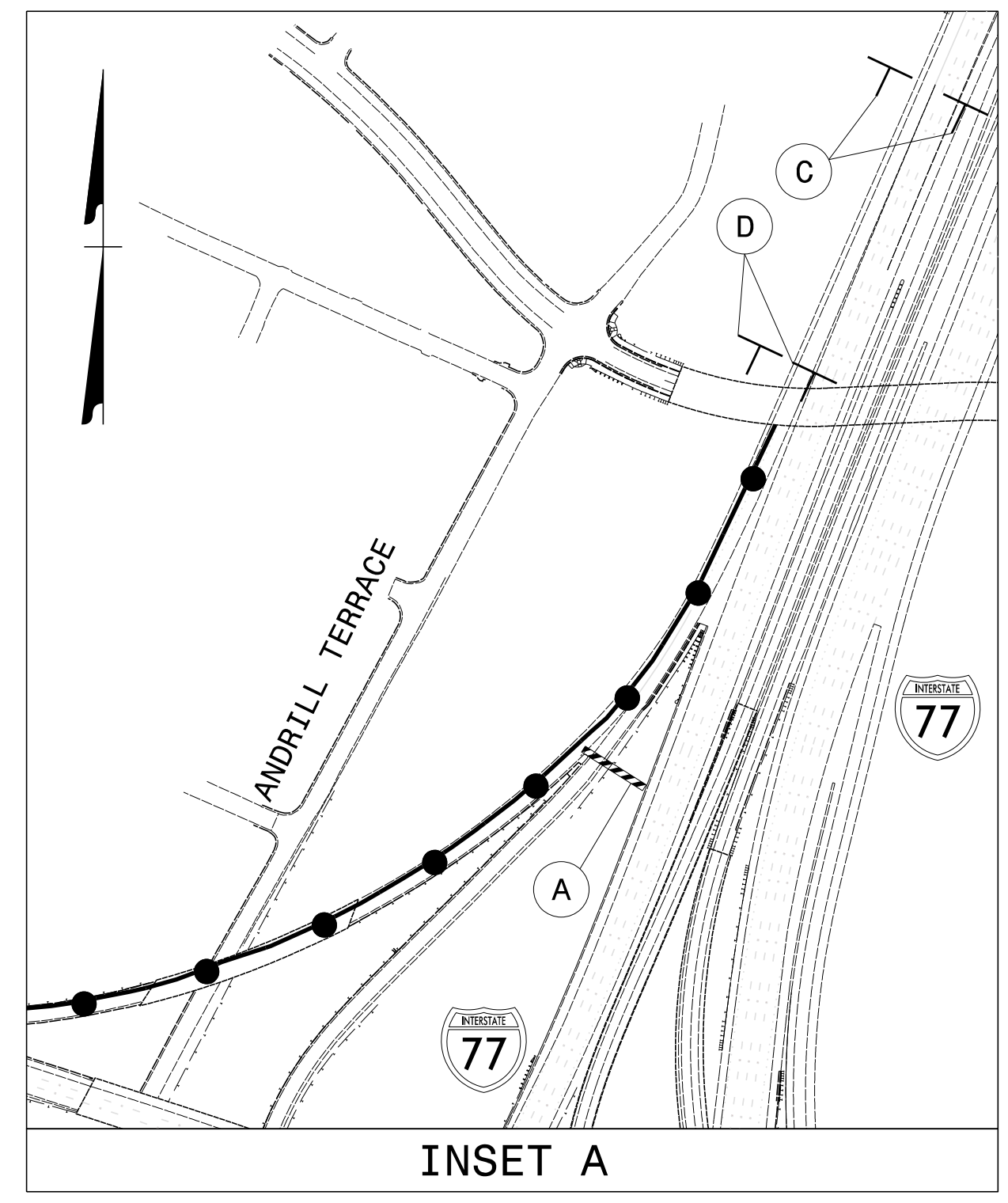
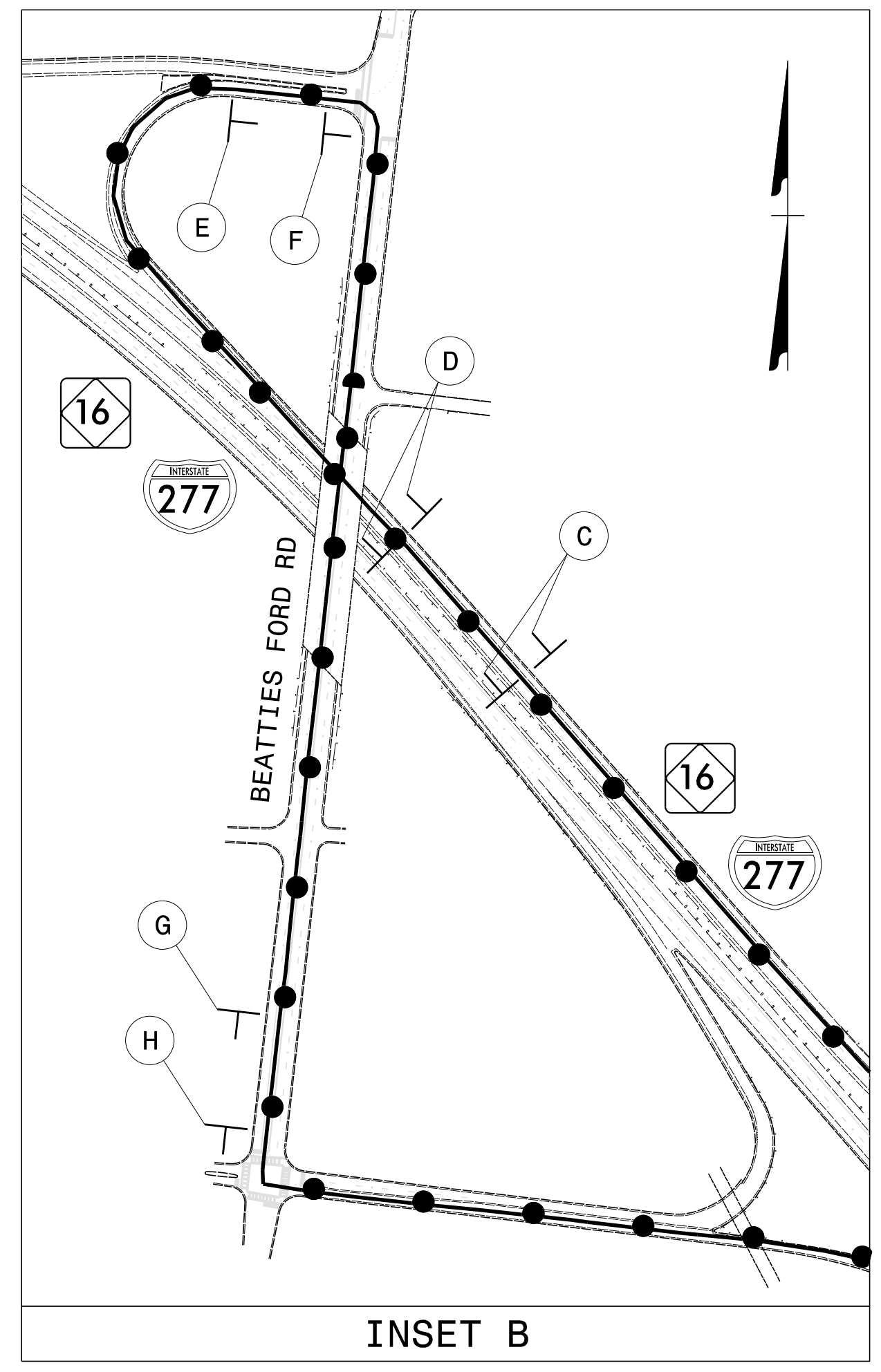
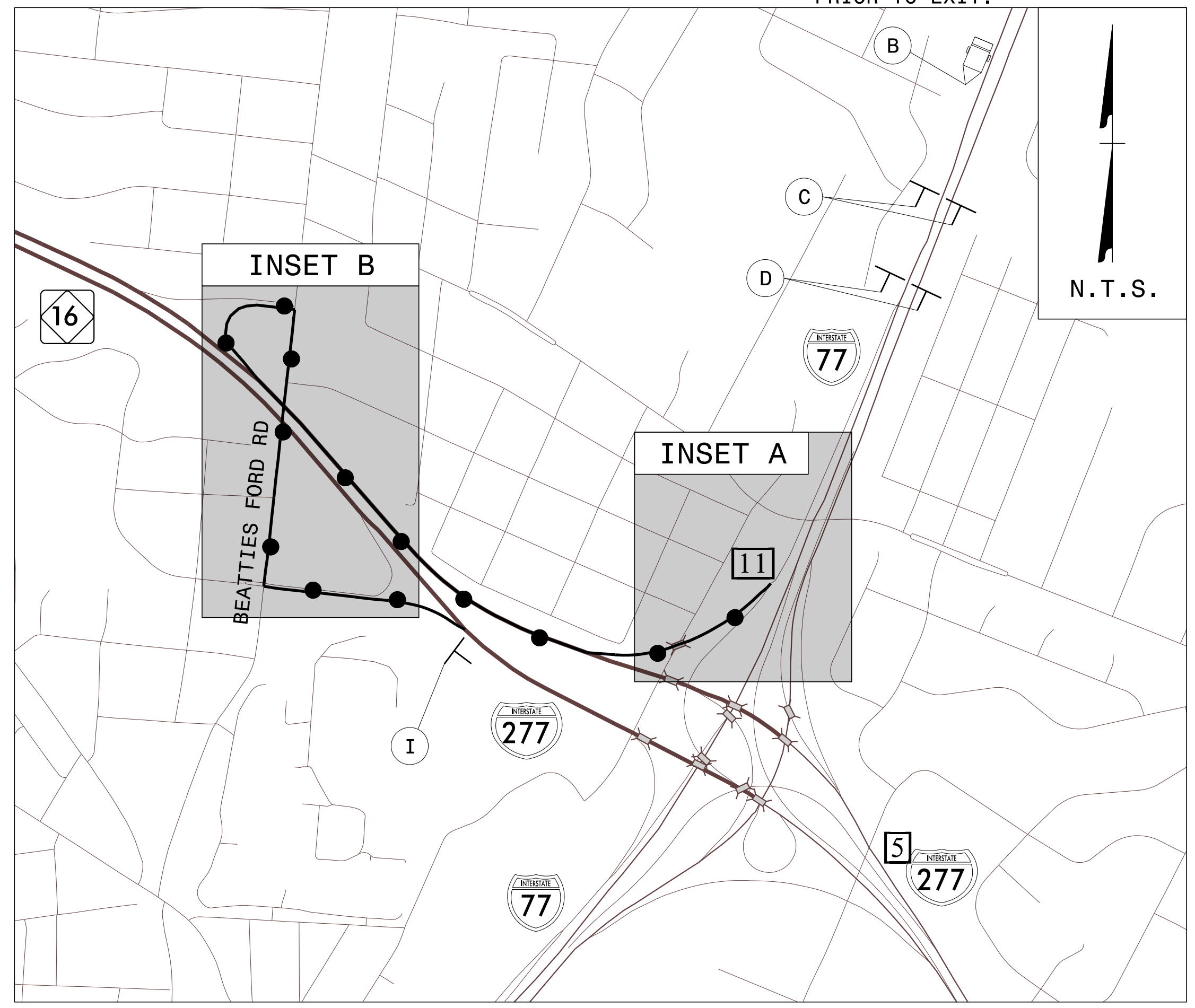
**RAMP 2 DETOUR**

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

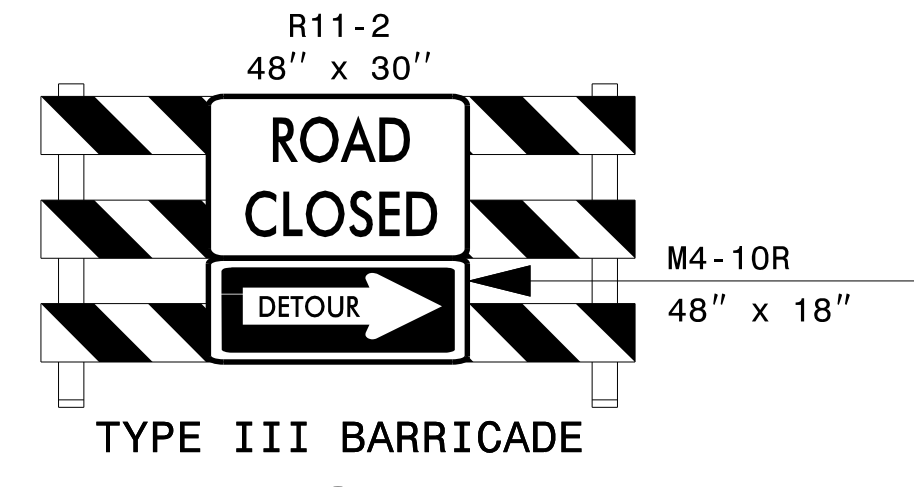
1/25/2023 I-6052-TC-TMP-RAMP\_2-DETOUR.dgn User: jdebone



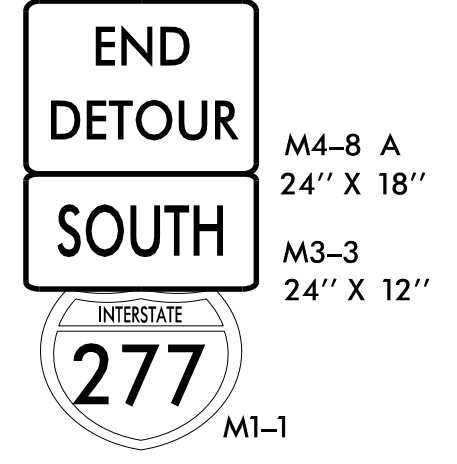
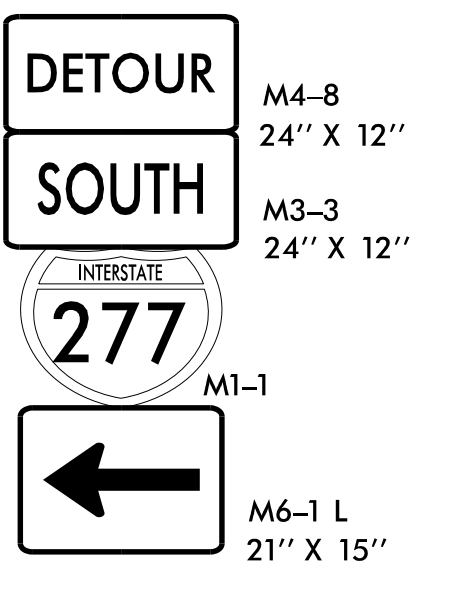
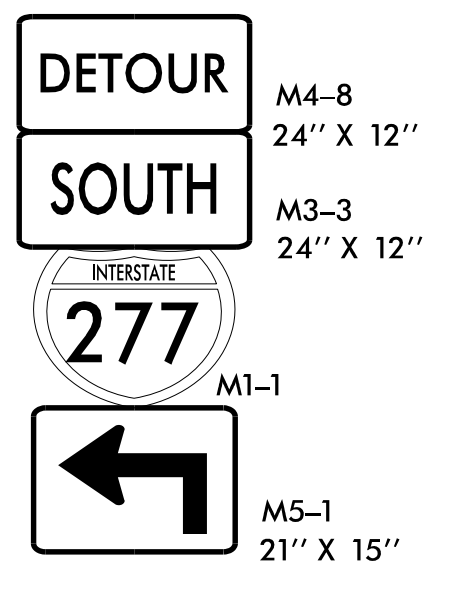
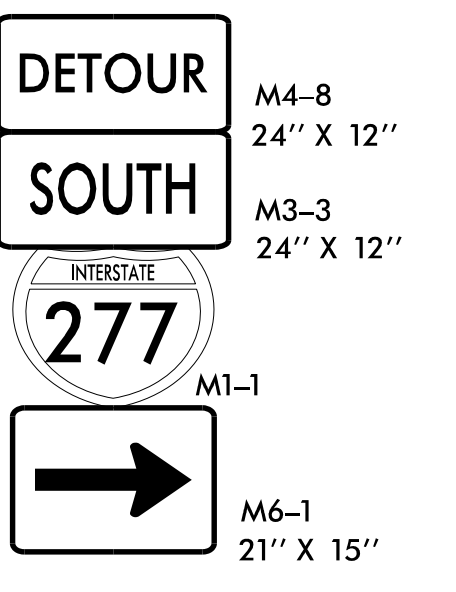
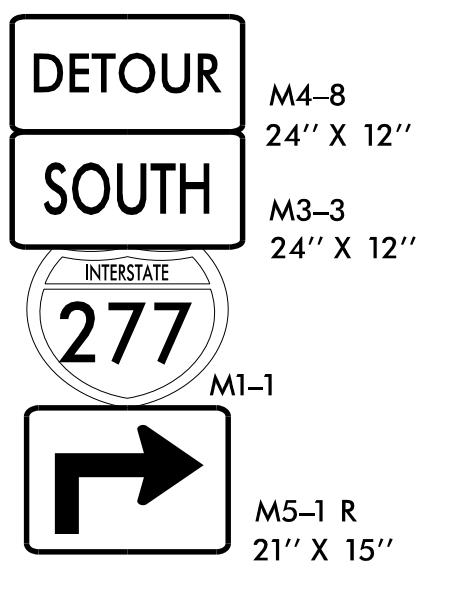
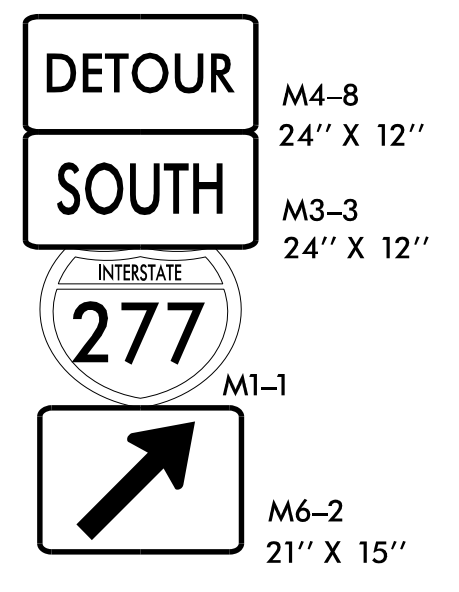
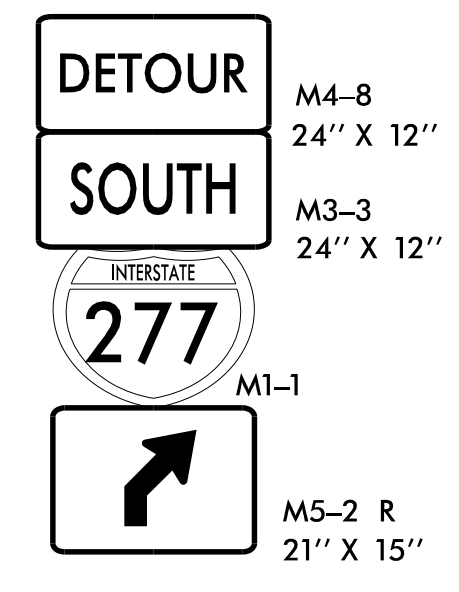
\*\* PLACE PCMS 1 MILE PRIOR TO EXIT.



\*\* SEE TMP-36 FOR DRUM PLACEMENT TO CLOSE RAMP



MESSAGE NO. 1	MESSAGE NO. 2
EXIT 11A CLOSED AHEAD	FOLLOW I-277 DETOUR
CHANGEABLE MESSAGE SIGN	



**DETOUR DESCRIPTION:**

SOUTH: I-77 SOUTH TO EXIT 11A 16 NORTH (BROOKSHIRE FRWY WEST) TO BEATTIES FORD ROAD TO NC 16 SOUTH (RAMP 1)

**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (I) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4, UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEETS 1 THRU 3 OF 3, TMP-11, AND TMP-36.

1/25/2023  
 I-6052-TC-TMP-RAMP 3-DETOUR.dgn  
 User: jdebone

APPROVED: Jacob H. Duke  
 DATE: 1/25/2023

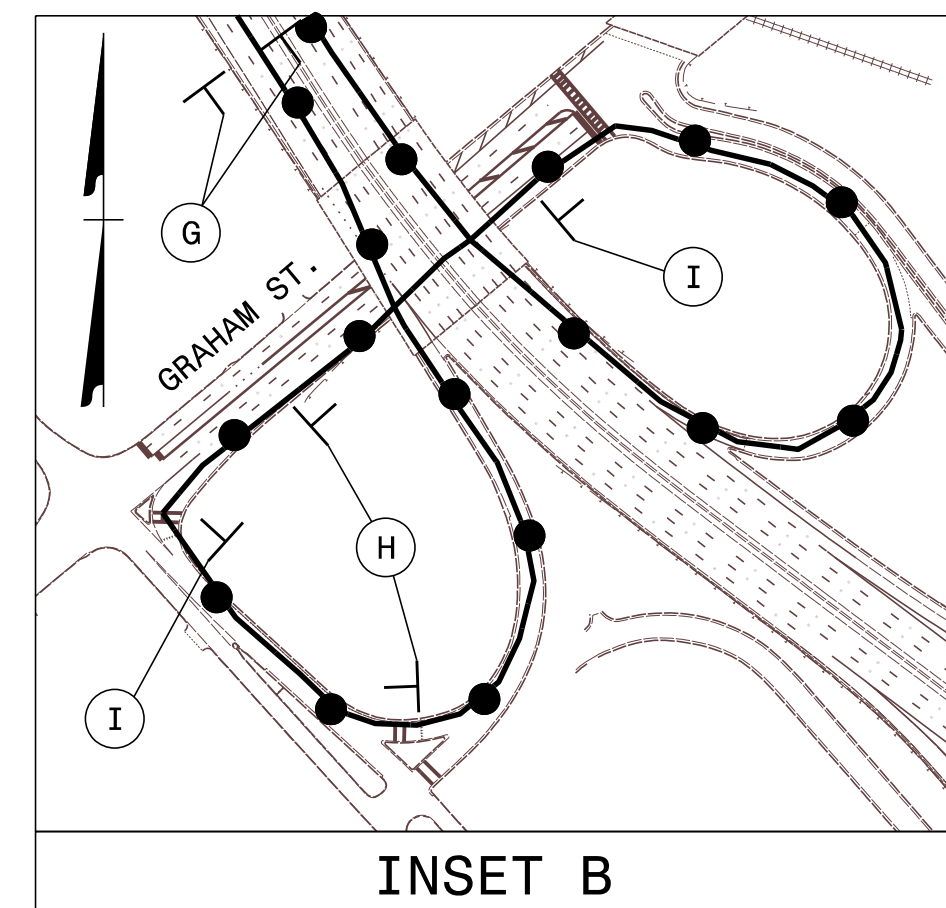
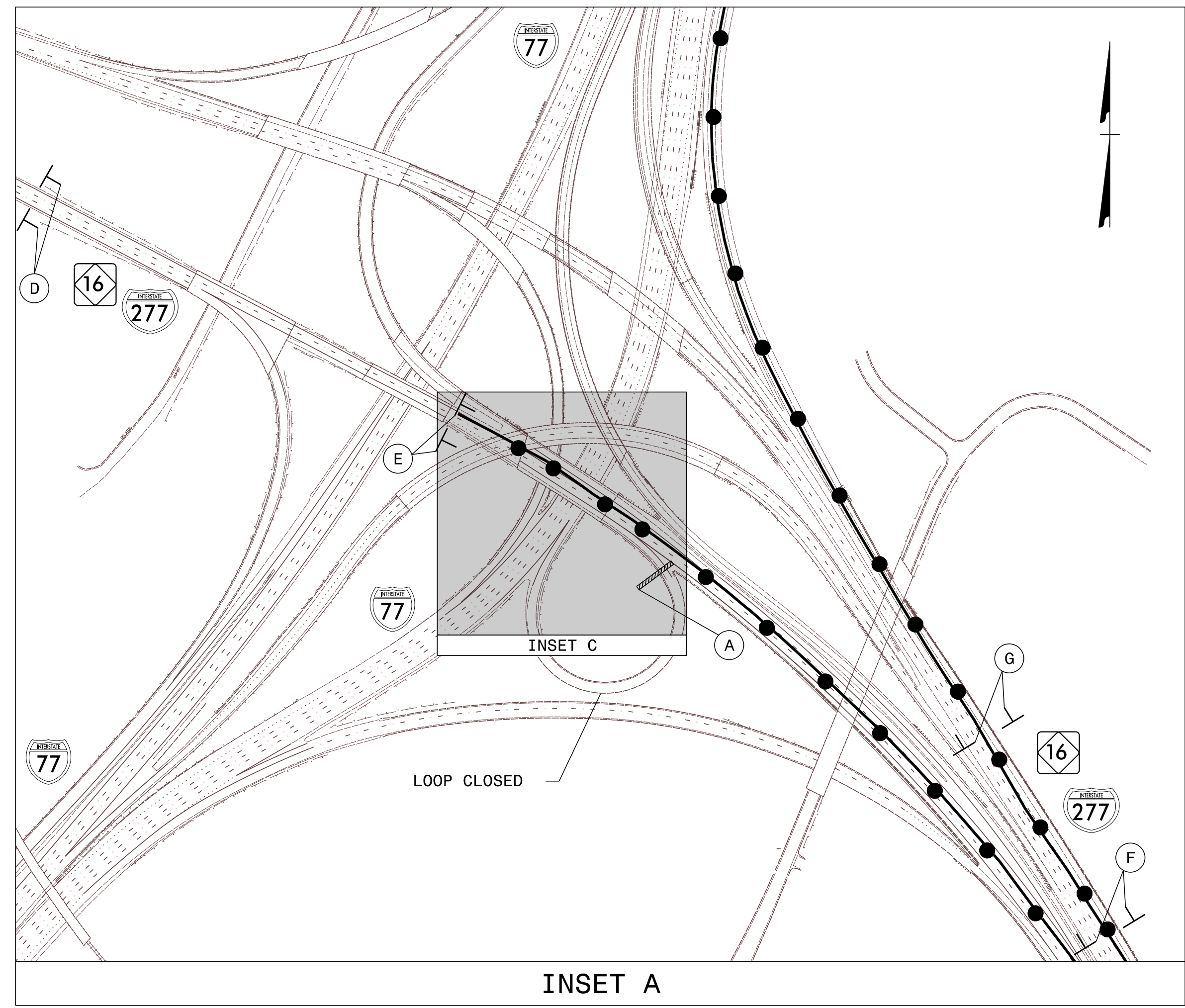
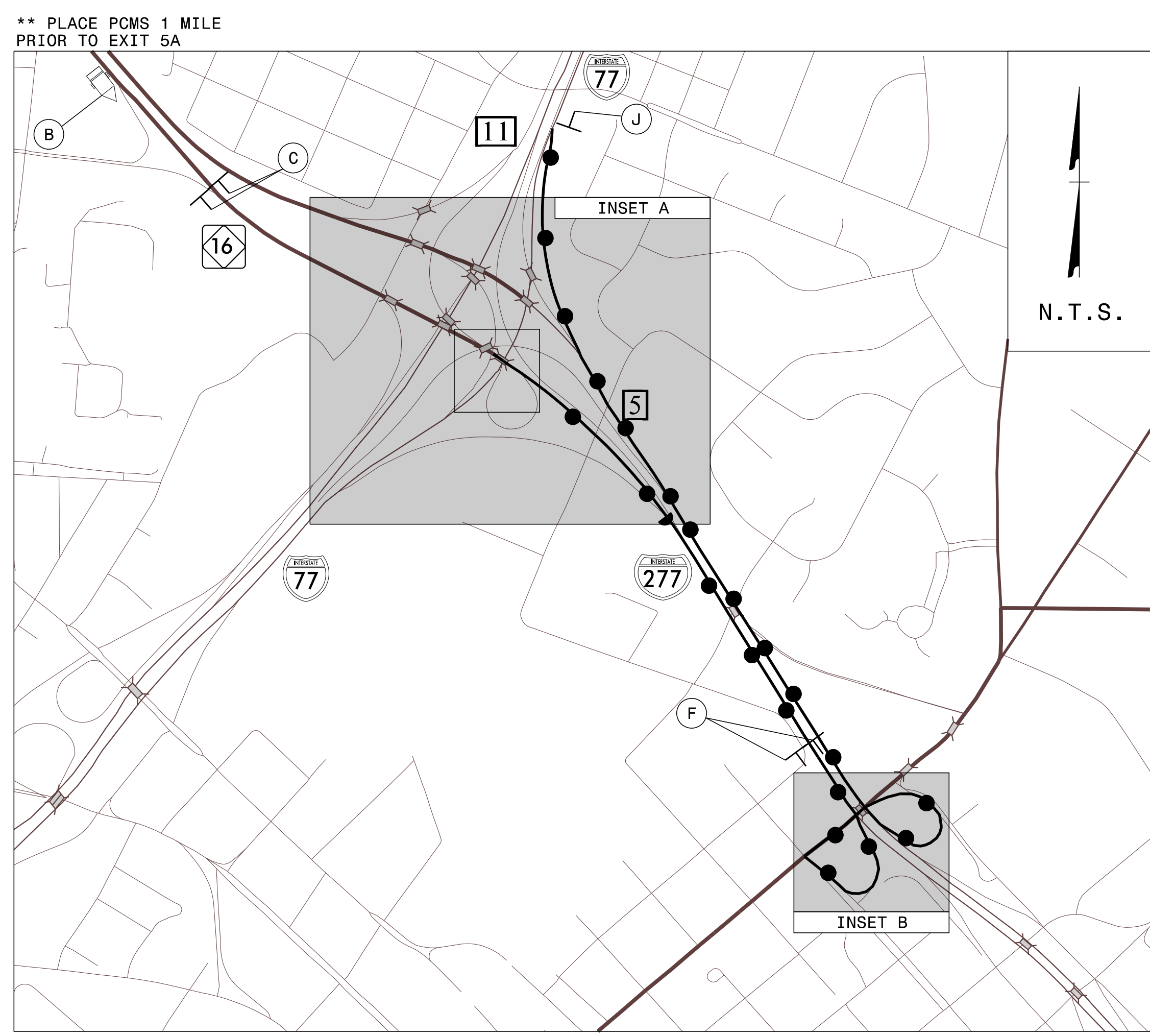
**RAMP 3  
DETOUR A**

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



MESSAGE NO. 1	MESSAGE NO. 2
EXIT 5A I77 NB CLOSED	FOLLOW I77 NB DETOUR

CHANGEABLE MESSAGE SIGN

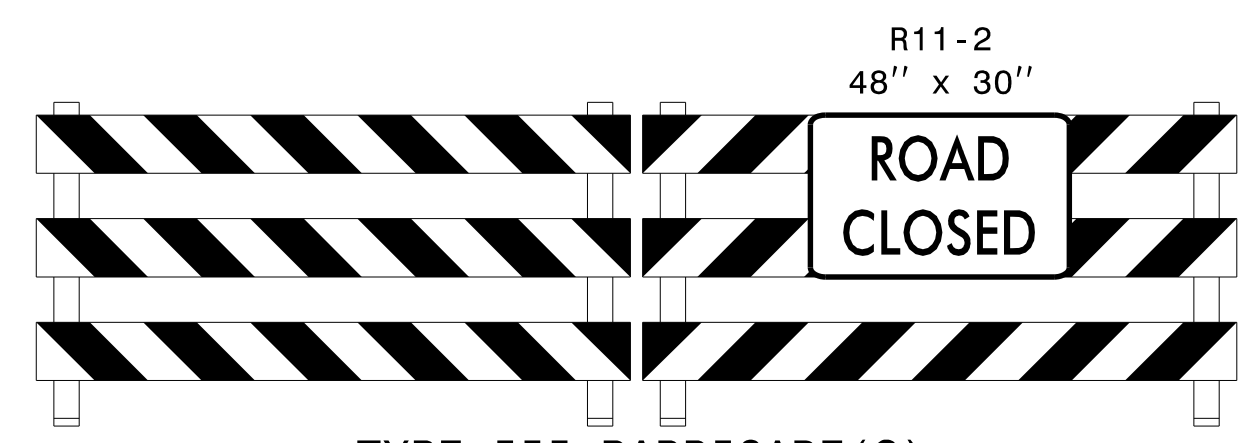


**DETOUR DESCRIPTION:**

NORTH: I-277 SOUTH INNER TO EXIT 4 NC 49 (GRAHAM ST) TO I-277 NORTH OUTER TO EXIT 5A I-77 NORTH.

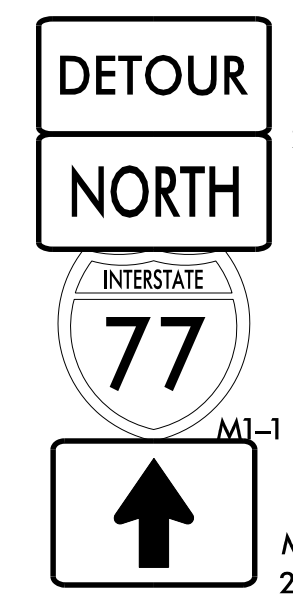
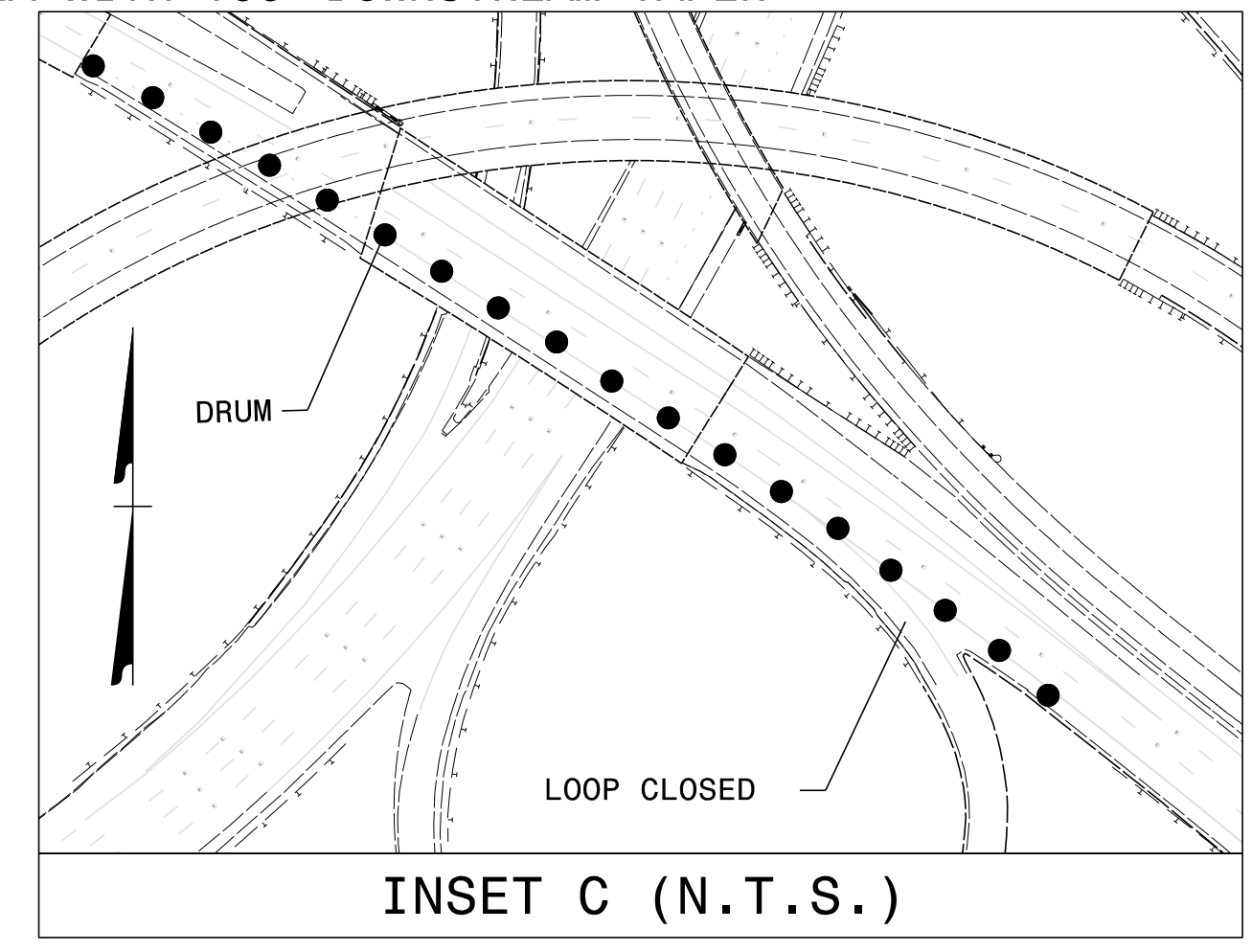
**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (J) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4, UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEETS 1 THRU 3 OF 3, TMP-5, AND TMP-16.

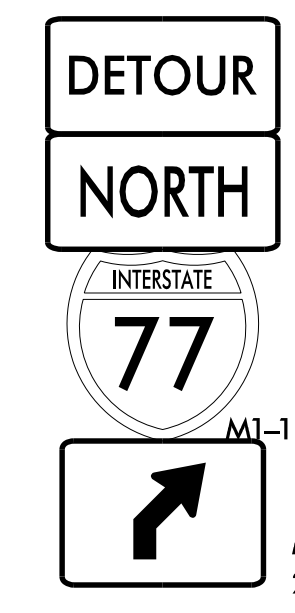


TYPE III BARRICADE(S)

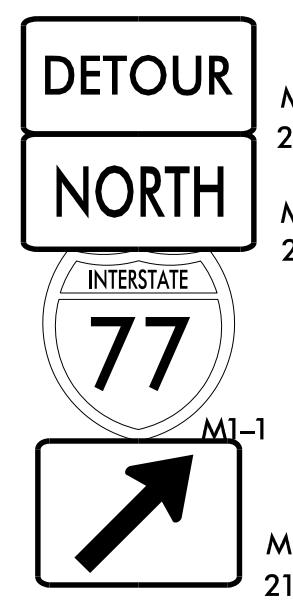
PLACE DRUMS 2' OFF THE LANE LINE FOR THE FULL LENGTH OF THE EXIT LANE AT 55' SPACING AND EXTEND 100' BEYOND THE GORE AREA WITH 100' DOWNSTREAM TAPER



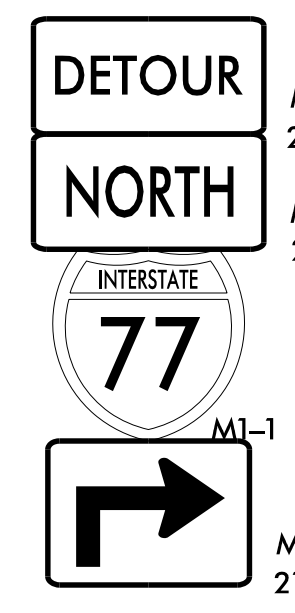
E



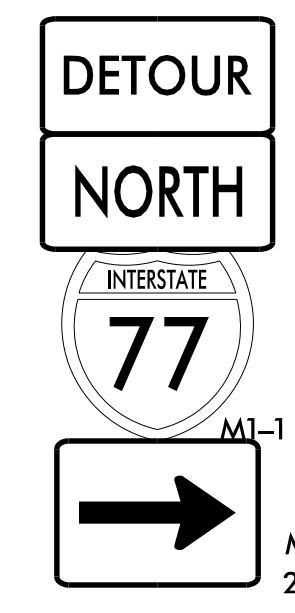
F



G



H



I

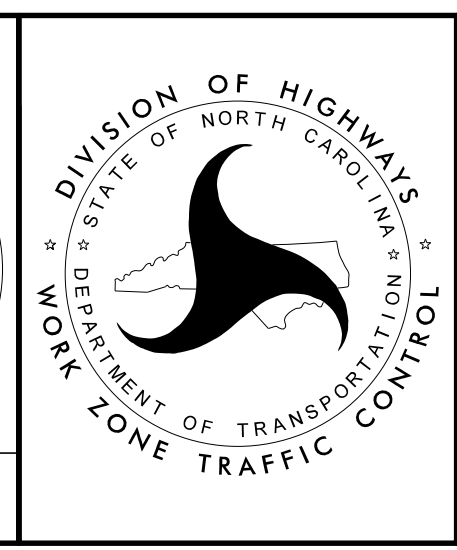


J

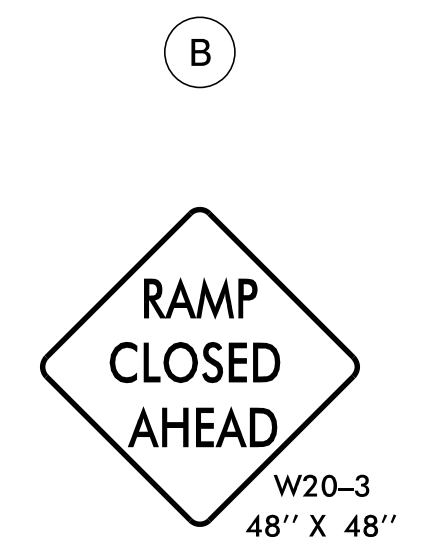
APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

DocuSigned by:  
*Jacob H. Duke*  
 29630C8054E84D9

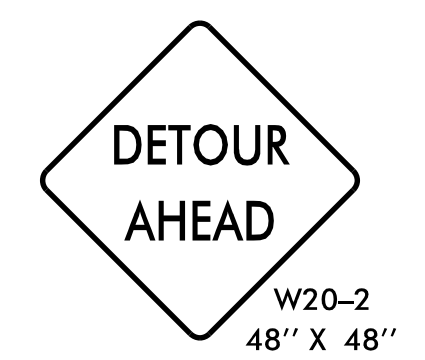
PROFESSIONAL SEAL  
 043777  
 ENGINEER  
 JACOB H. DUKE



LOOP 1  
DETOUR

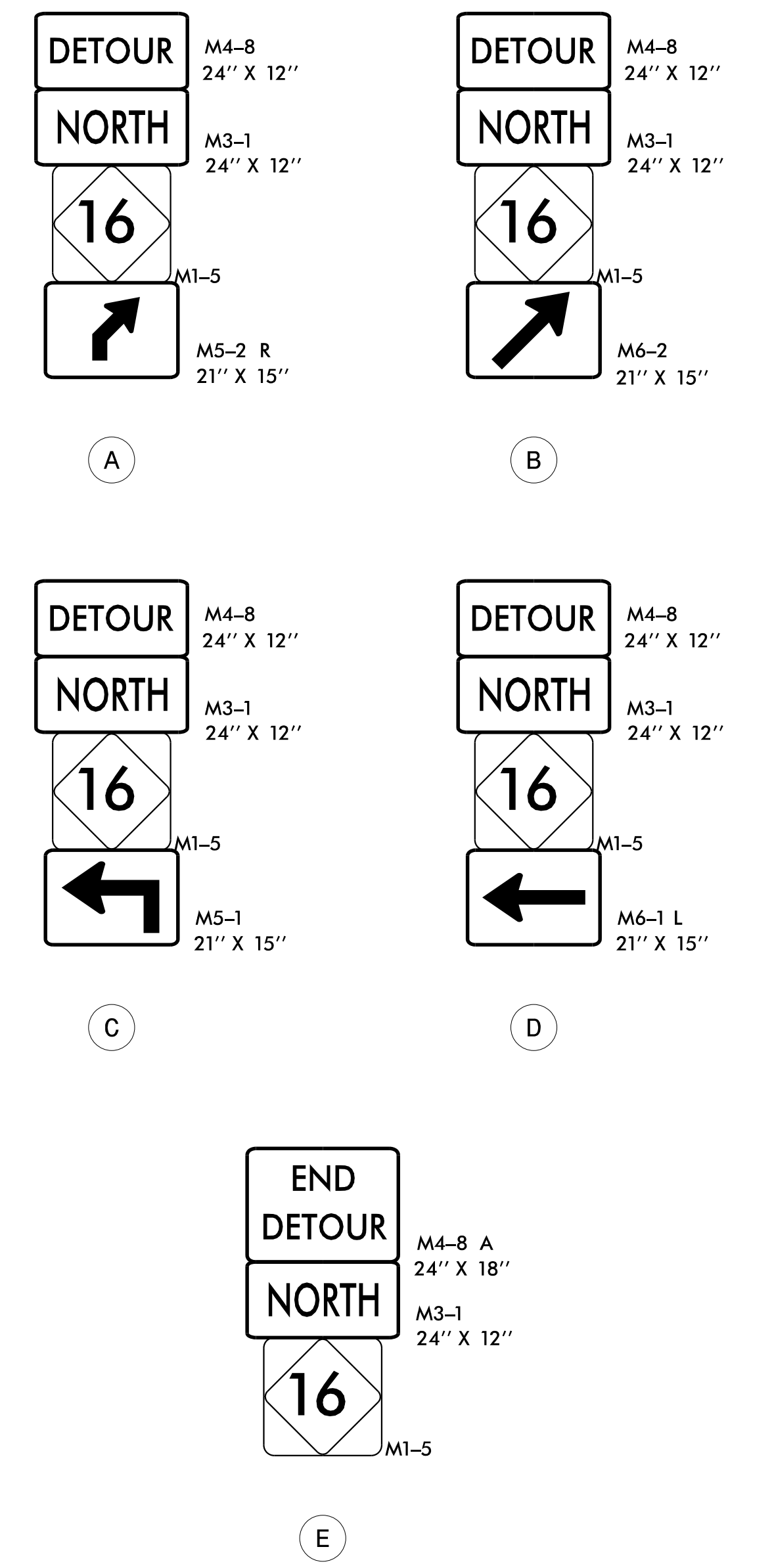
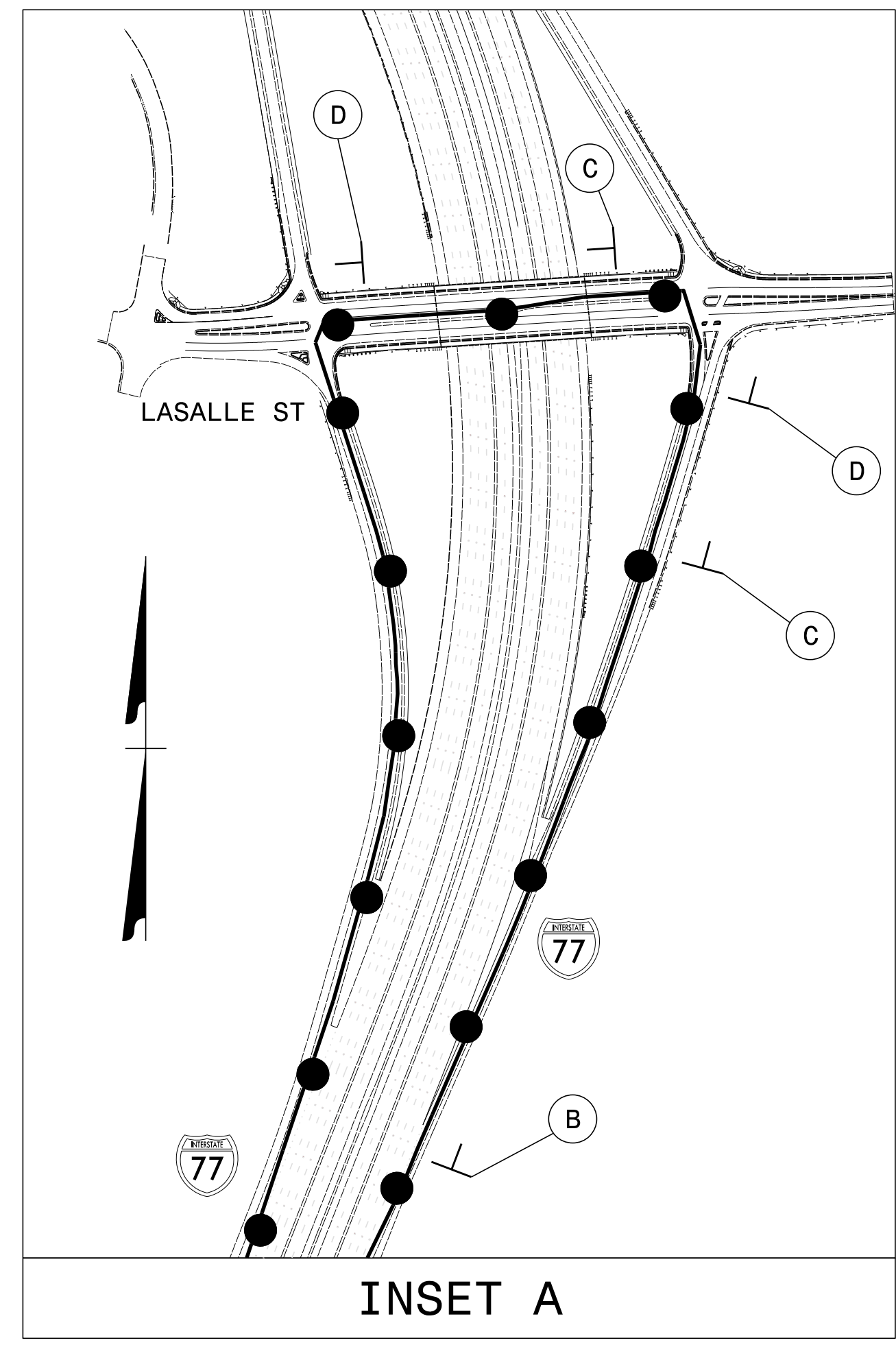
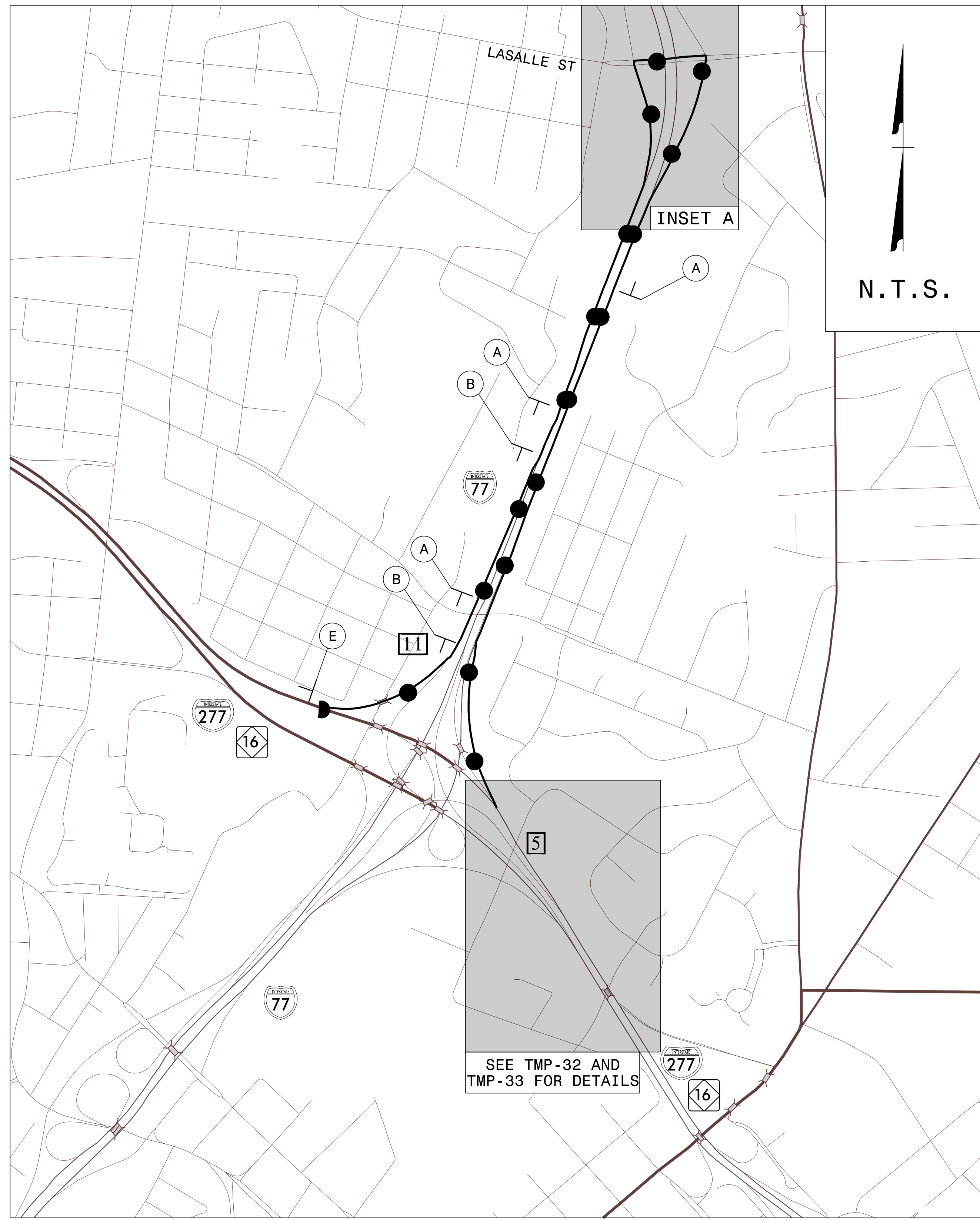


B



C





**DETOUR DESCRIPTION:**

NC 16 NB: I-277 TO EXIT 5A I-77 NORTH TO EXIT 12 (LA SALLE ST.)  
TO I-77 SOUTH TO EXIT 11B NC 16 NORTH (BROOKSHIRE FRWY WEST).

**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (E) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEETS 1 THRU 3 OF 3, TMP-14, TMP-17, TMP-32, AND TMP-33.

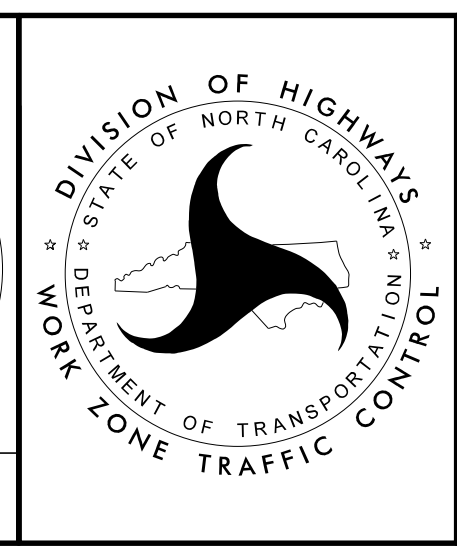
1/25/2023  
I-6052\_TC\_TMP\_NC16\_NB\_DETOUR.dgn  
User: jdebone

APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

DocuSigned by:  
 Jacob H. Duke  
 29630C8054E84D9

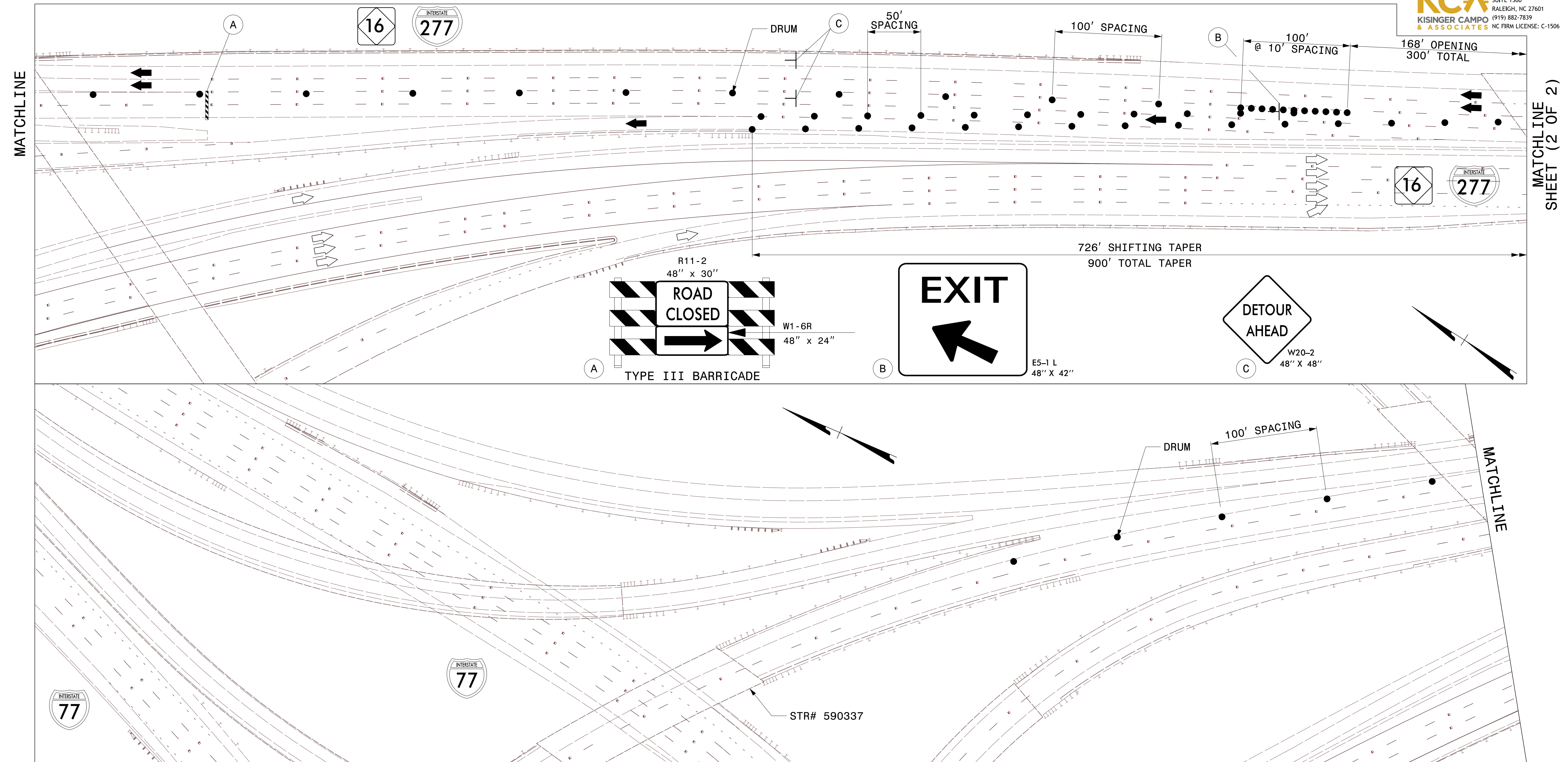
SEAL  
 043777  
 ENGINEER  
 JACOB H. DUKE

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



NC16 NB  
DETOUR





**NOTES:**

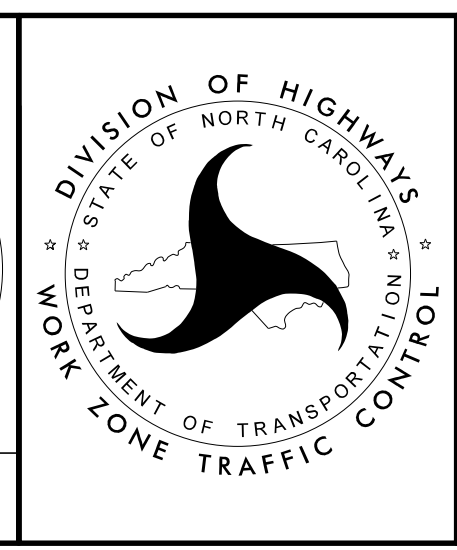
1. TRAFFIC CONTROL DEVICES (A) THRU (C) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 14, TMP-31, AND TMP-33.

APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

DocuSigned by:  
 Jacob H. Duke  
 29630C8054E84D9

SEAL  
 043777  
 ENGINEER  
 JACOB H. DUKE

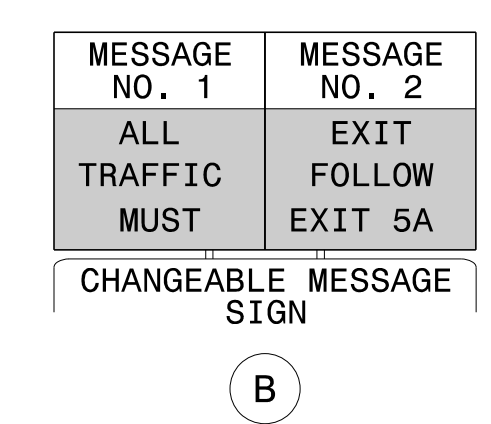
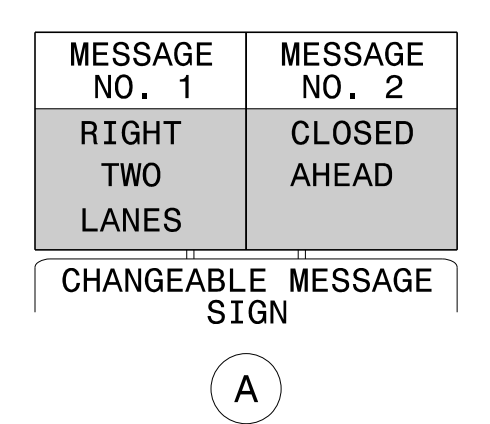
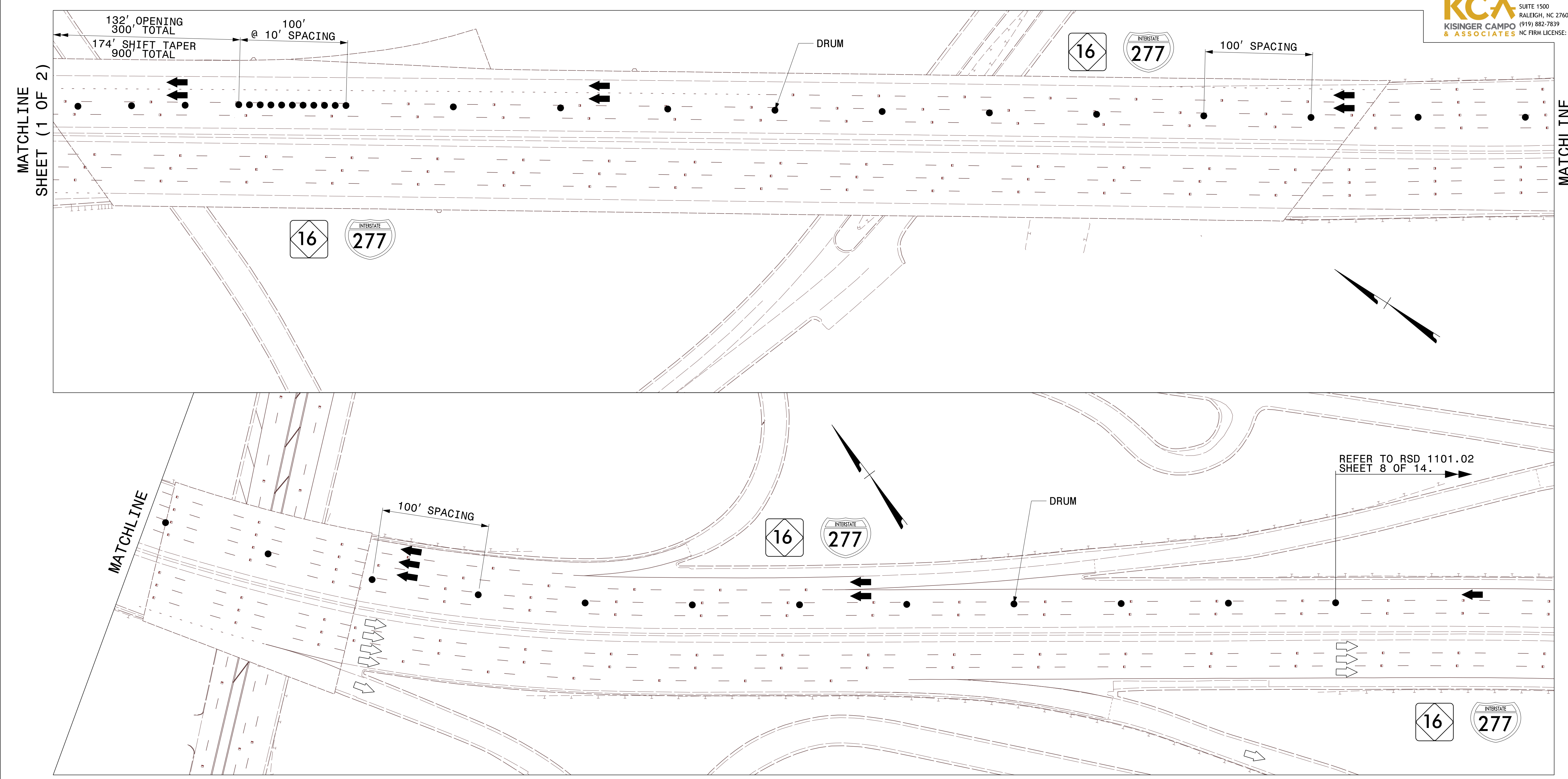
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 UNLESS ALL SIGNATURES COMPLETED**



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

**NC16 NB  
 DETOUR DETAILS  
 (1 OF 2)**





**NOTES:**

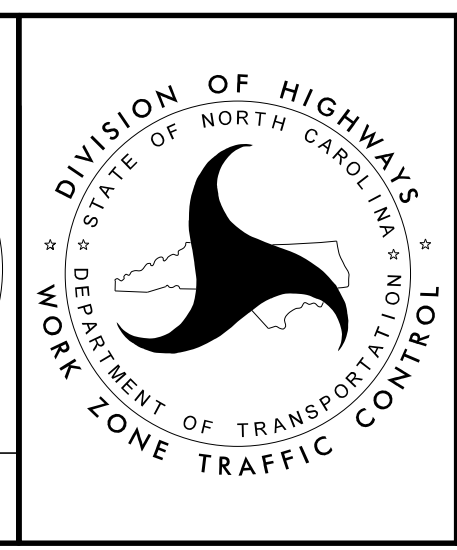
1. TRAFFIC CONTROL DEVICES (A) AND (B) SHALL BE INSTALLED IN LIEU OF THE CHANGEABLE MESSAGE SIGNS ON RSD 1101.02 SHEET 8 OF 14.
2. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 14, TMP-31, AND TMP-32.

APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

DocuSigned by:  
 Jacob H. Duke  
 29630C8054E84D9

PROFESSIONAL SEAL  
 043777  
 ENGINEER  
 JACOB H. DUKE

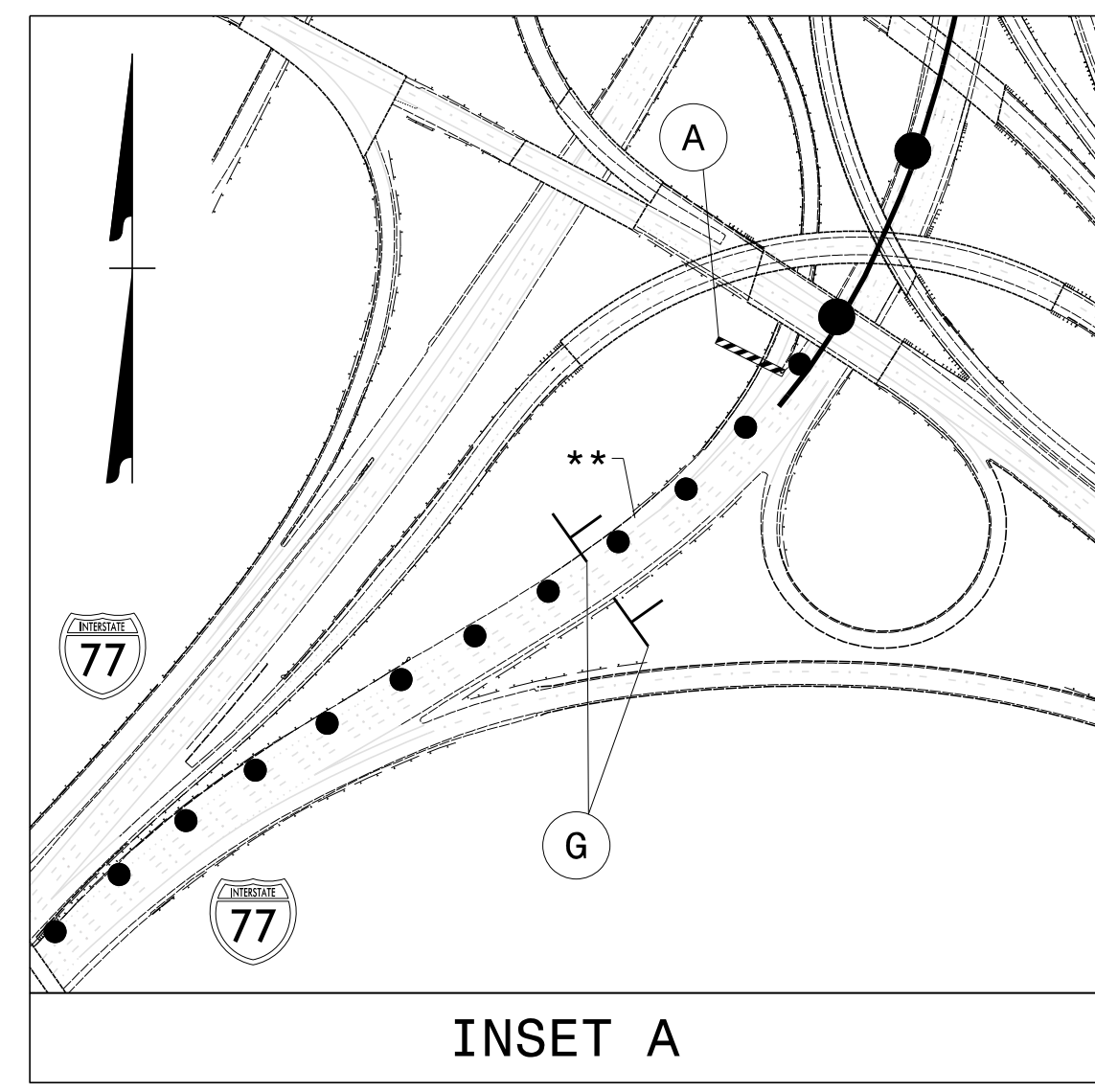
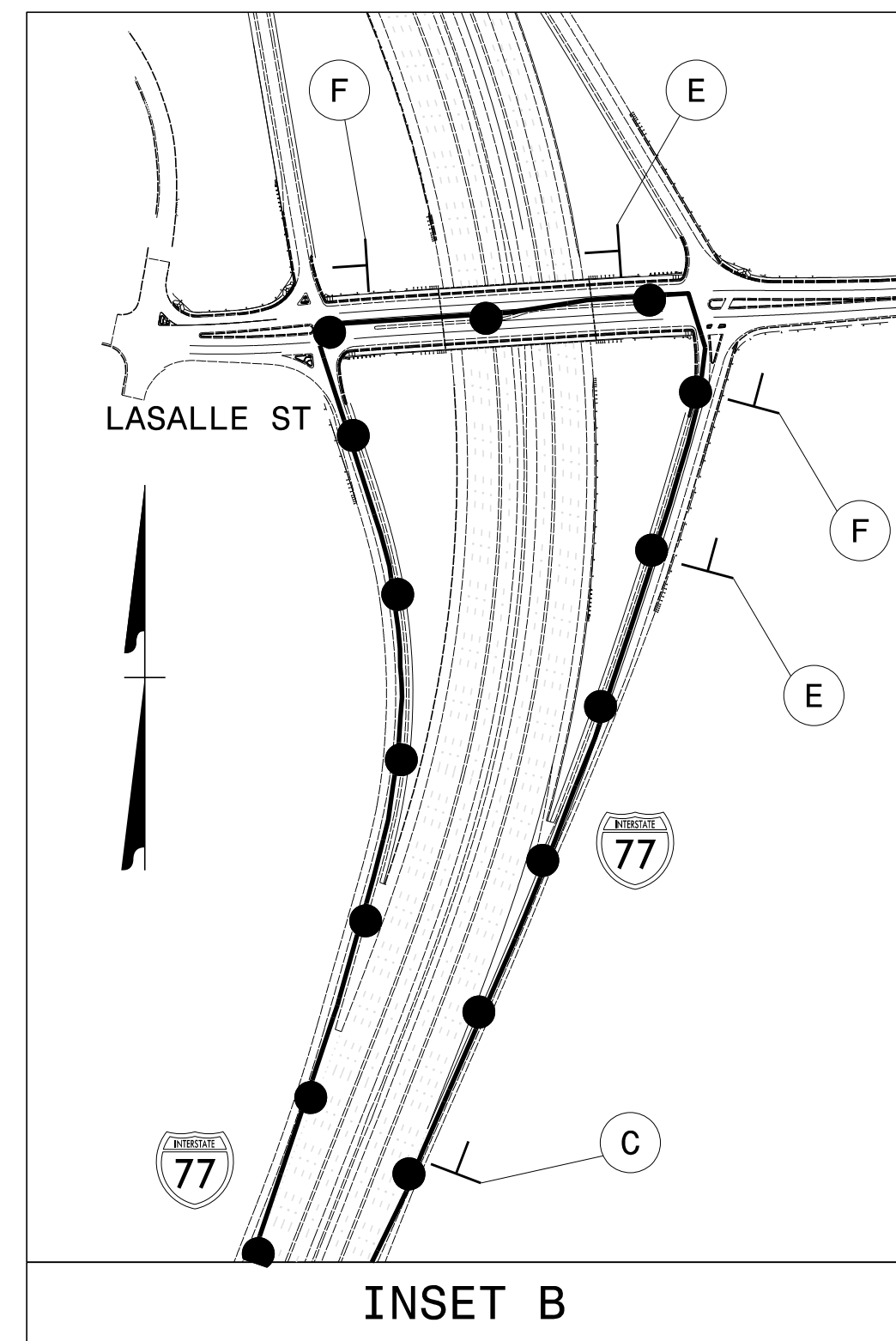
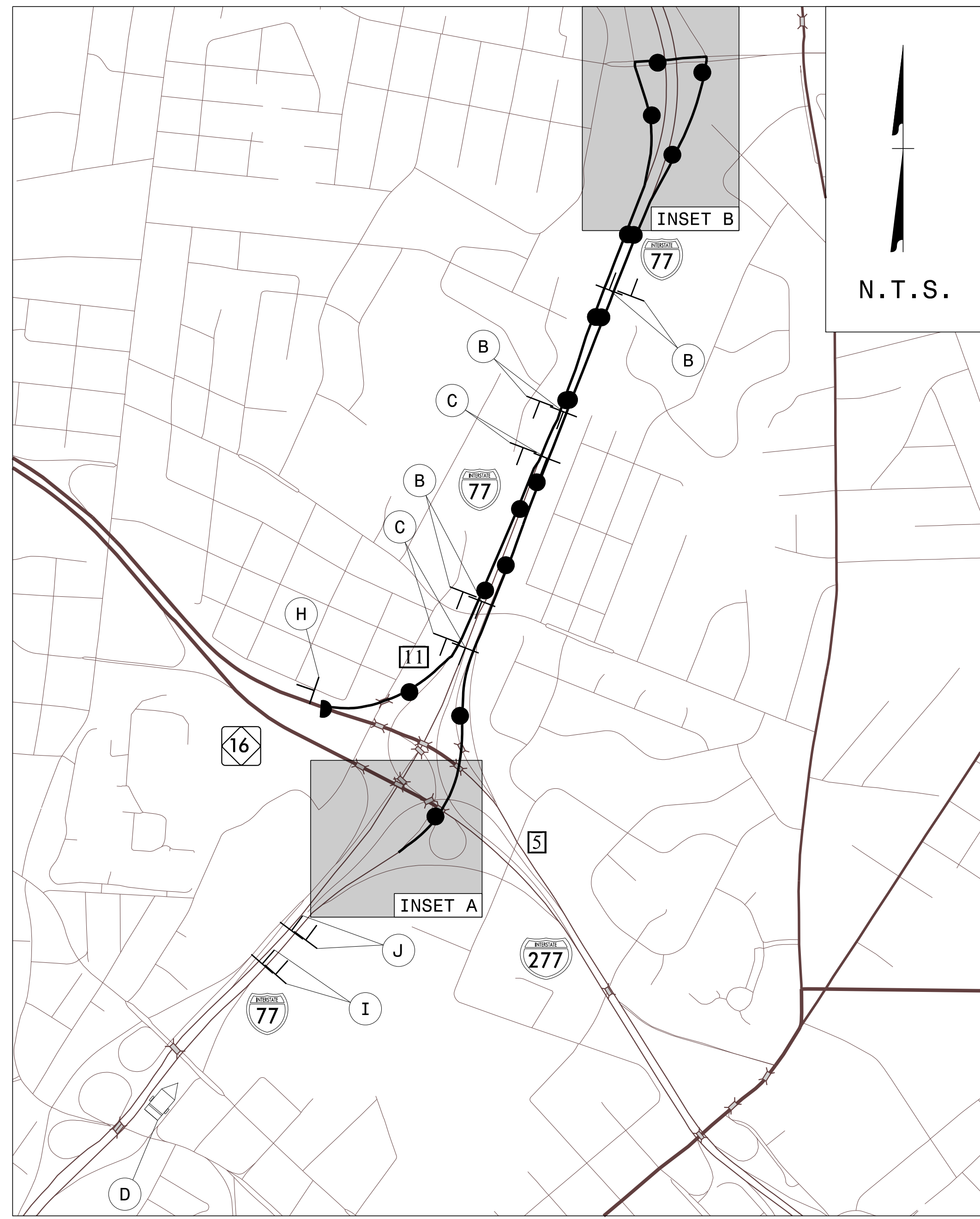
**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



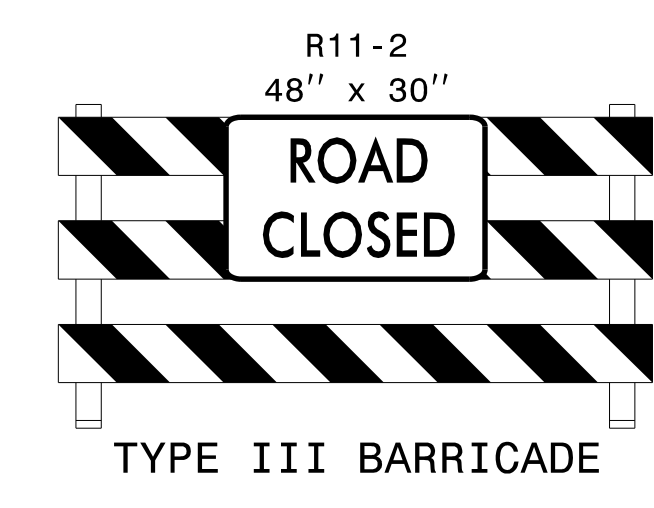
NC16 NB  
 DETOUR DETAILS  
 (2 OF 2)

1/25/2023  
 I-6052-TC-TMP-NC16-DETOUR-DETAILS (2 OF 2).dgn  
 User: jdebone

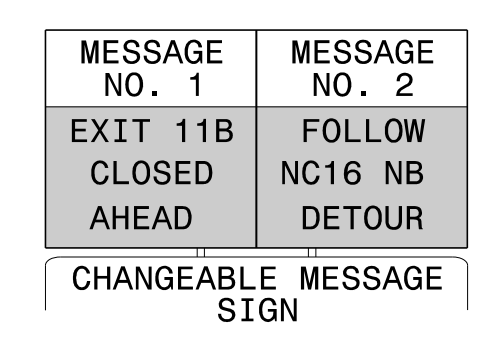




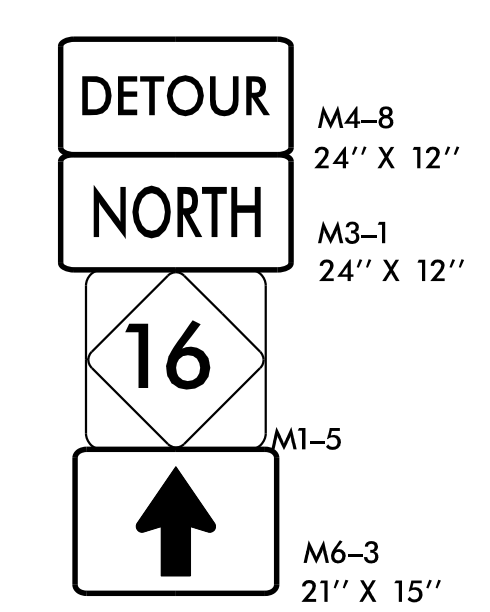
\*\* PLACE DRUMS 2' OFF THE LANE LINE FOR THE FULL LENGTH OF THE EXIT LANE AT 55' SPACING AND EXTEND 100' BEYOND THE GORE AREA WITH 100' DOWNSTREAM TAPER.



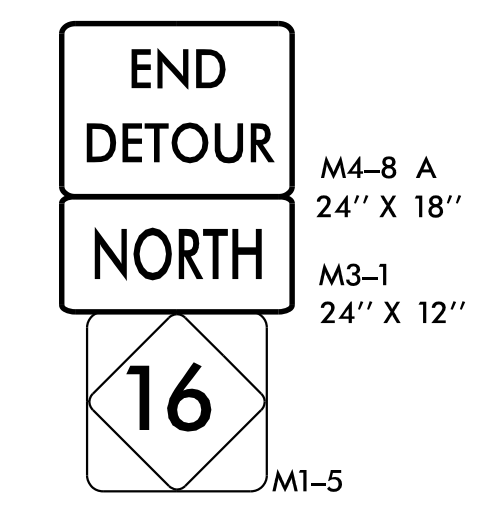
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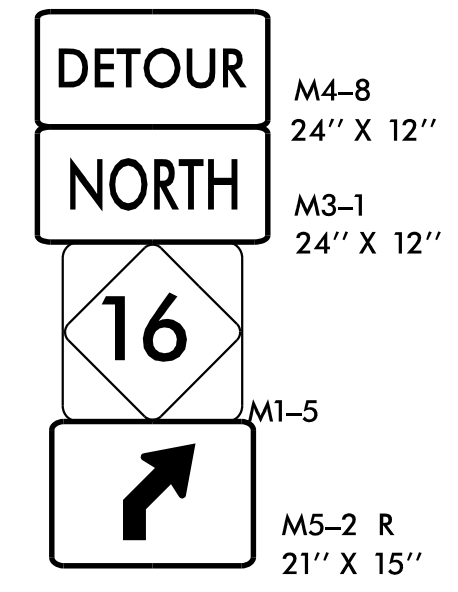
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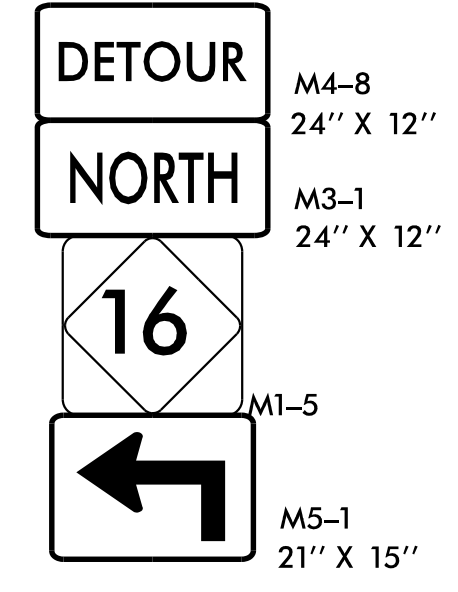
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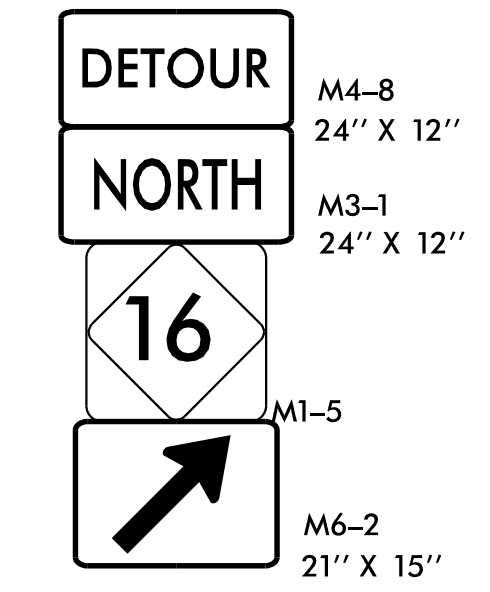
(H)



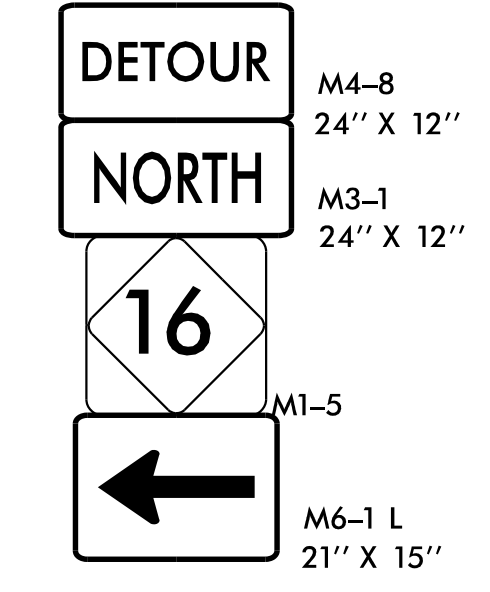
(B)



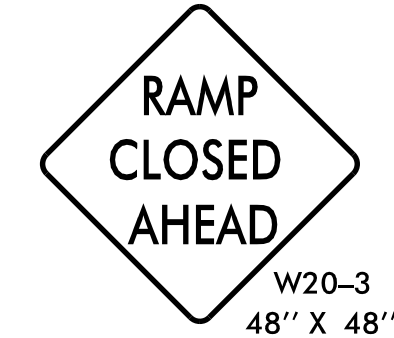
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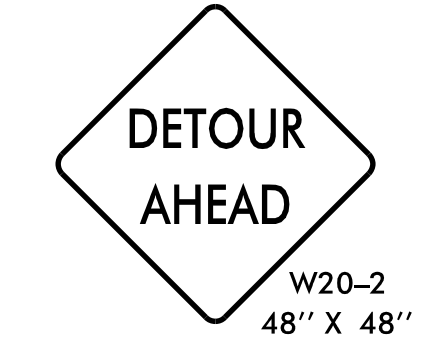
(C)



(F)



(I)



(J)

**DETOUR DESCRIPTION:**

NORTH: I-77 NORTH TO EXIT 12 (LA SALLE ST.) TO I-77 SOUTH TO EXIT 11B NC 16 NORTH (BROOKSHIRE FRWY WEST).

**NOTES:**

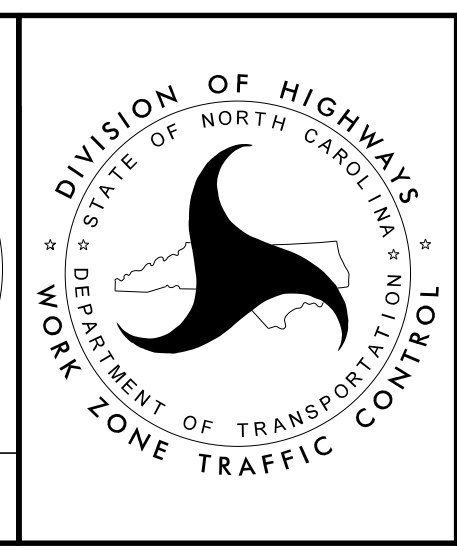
1. TRAFFIC CONTROL DEVICES (A) THRU (J) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH TMP-4, TMP-15, AND TMP-20.

APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

DocuSigned by:  
 Jacob H. Duke  
 29630C8054E84D9

PROFESSIONAL SEAL  
 043777  
 ENGINEER  
 JACOB H. DUKE

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

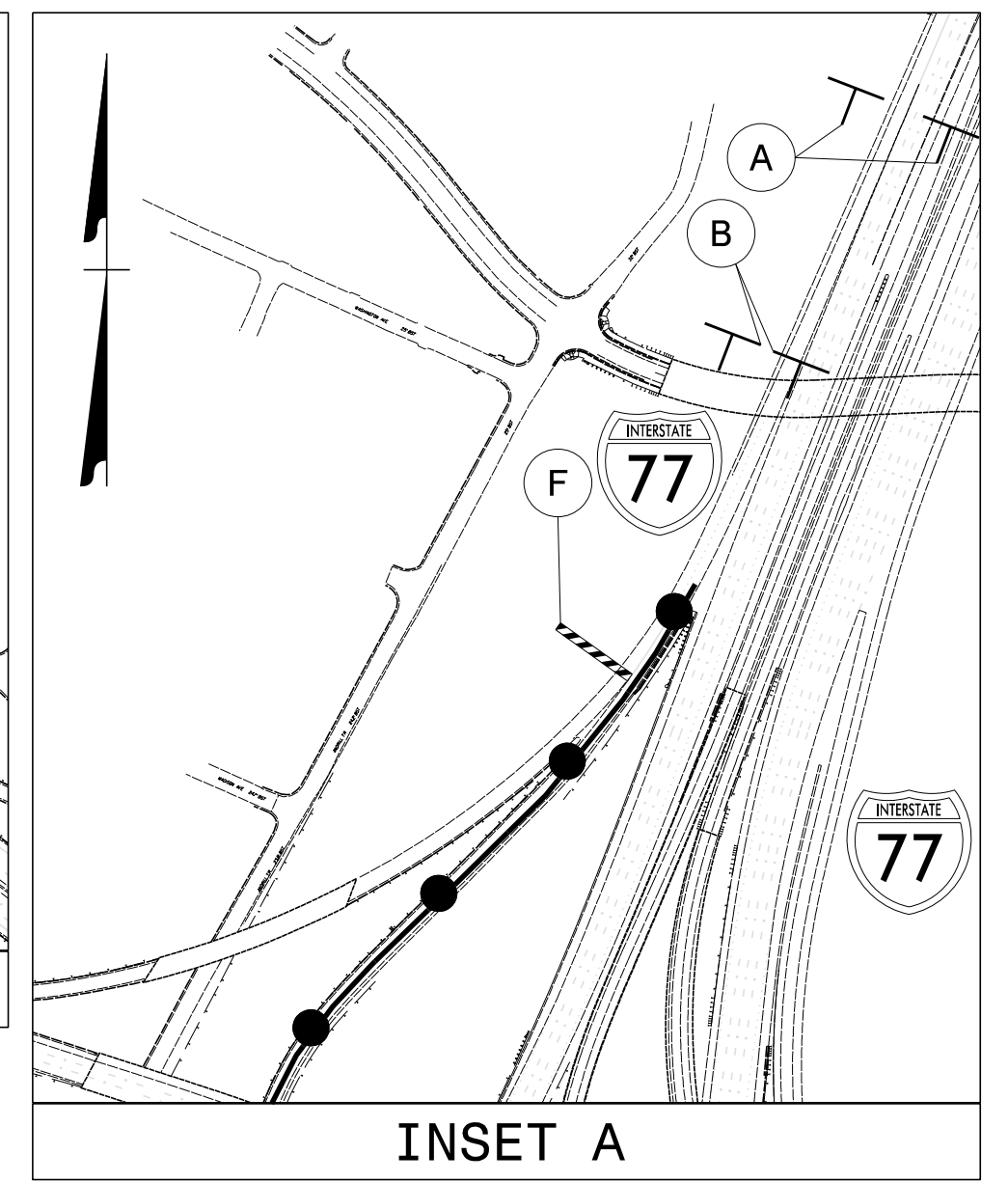
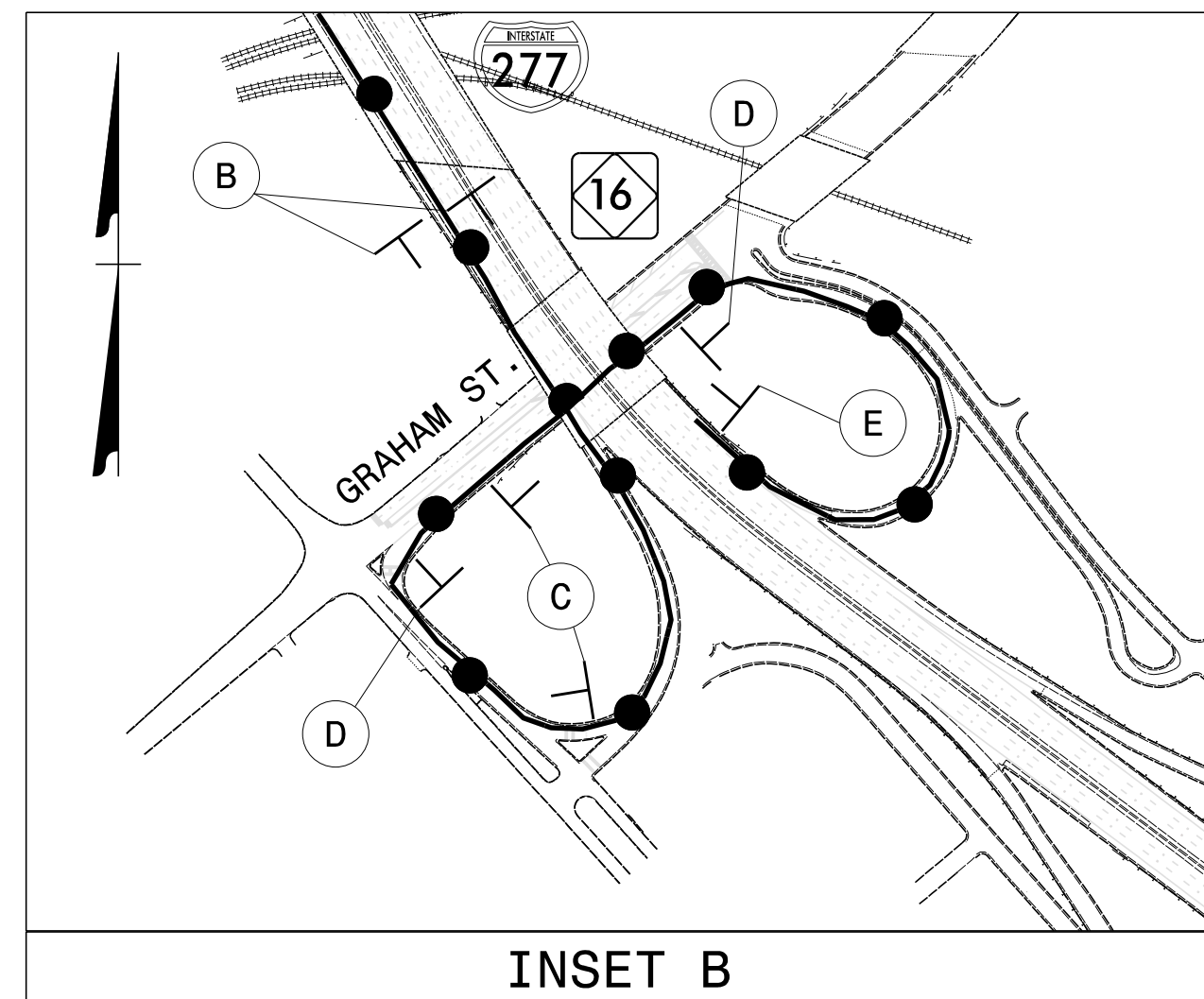
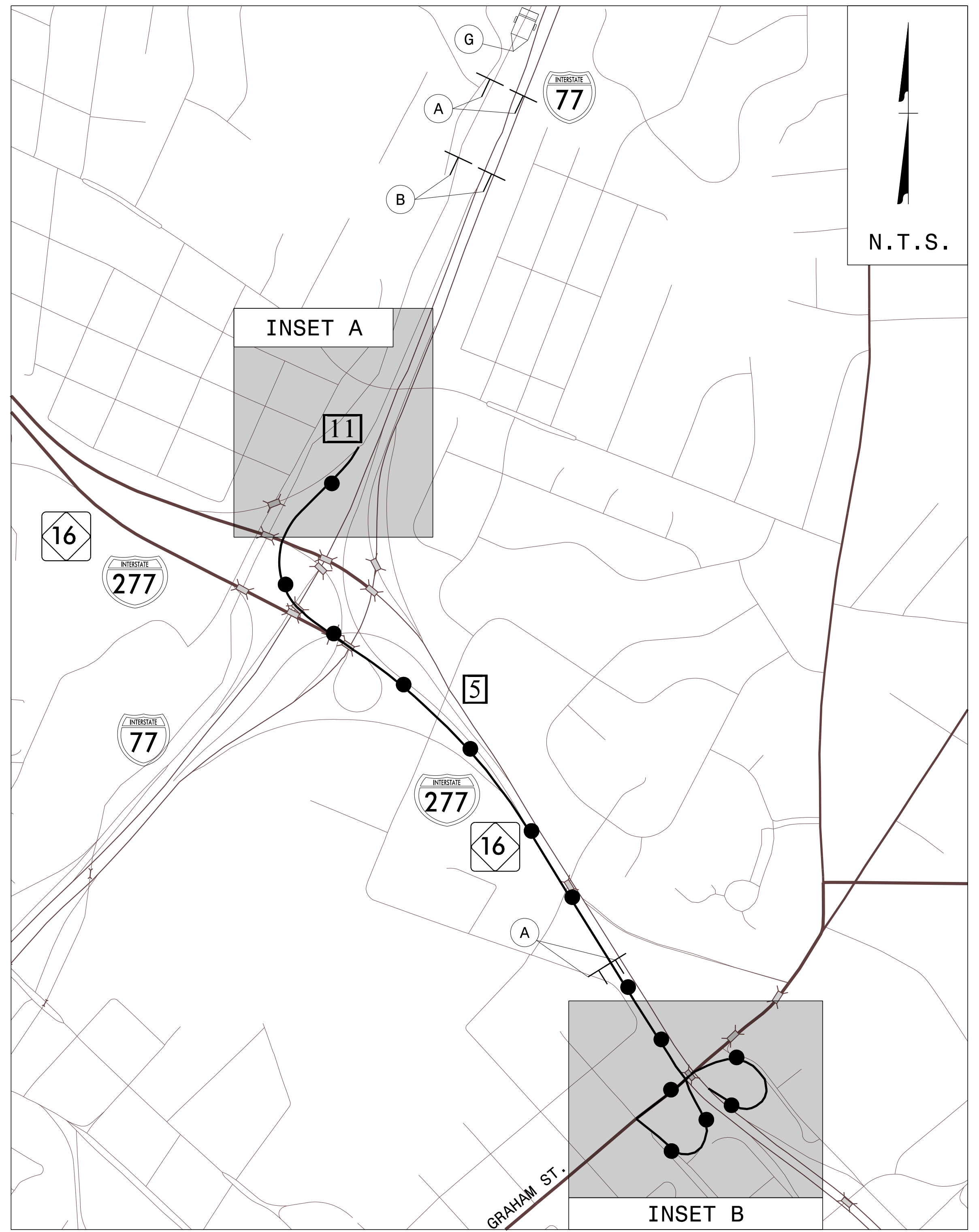


RAMP 4  
 DETOUR

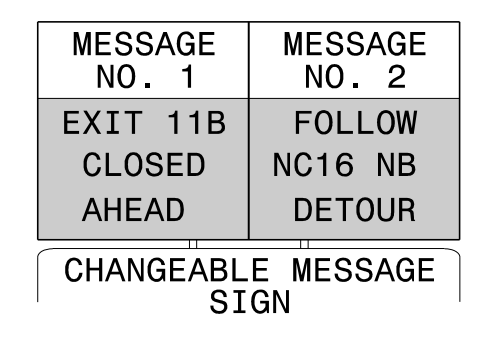
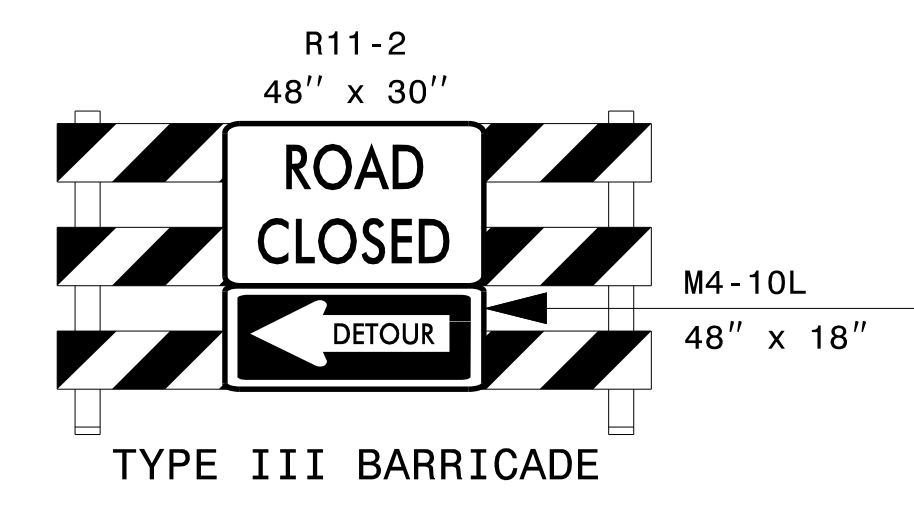
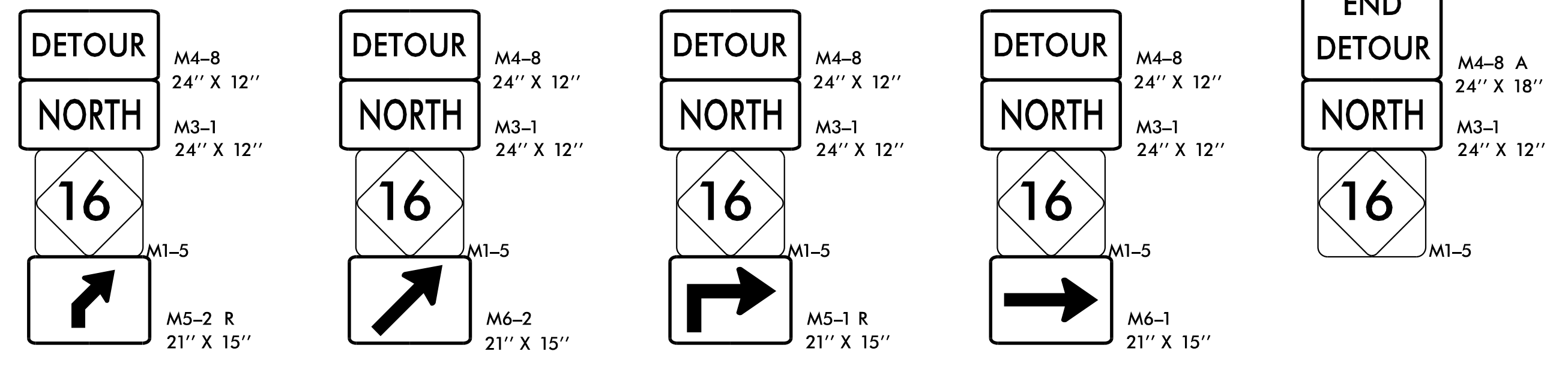
1/25/2023  
 I-6052\_TC\_TMP\_RAMP\_4\_DETOUR.dgn  
 User: jdebone



\*\* PLACE PCMS 1 MILE PRIOR TO EXIT.



\*\* SEE TMP-36 FOR DRUM PLACEMENT TO CLOSE RAMP



**DETOUR DESCRIPTION:**

SOUTH: I-77 SOUTH TO EXIT 11A NC16 SOUTH (BROOKSHIRE FRWY EAST)  
 TO EXIT 4 US29/NC49 (GRAHAM ST) TO NC16 NORTH

**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (G) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEETS 1 AND 2 OF 3, TMP-23, TMP-24, AND TMP-36.

APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

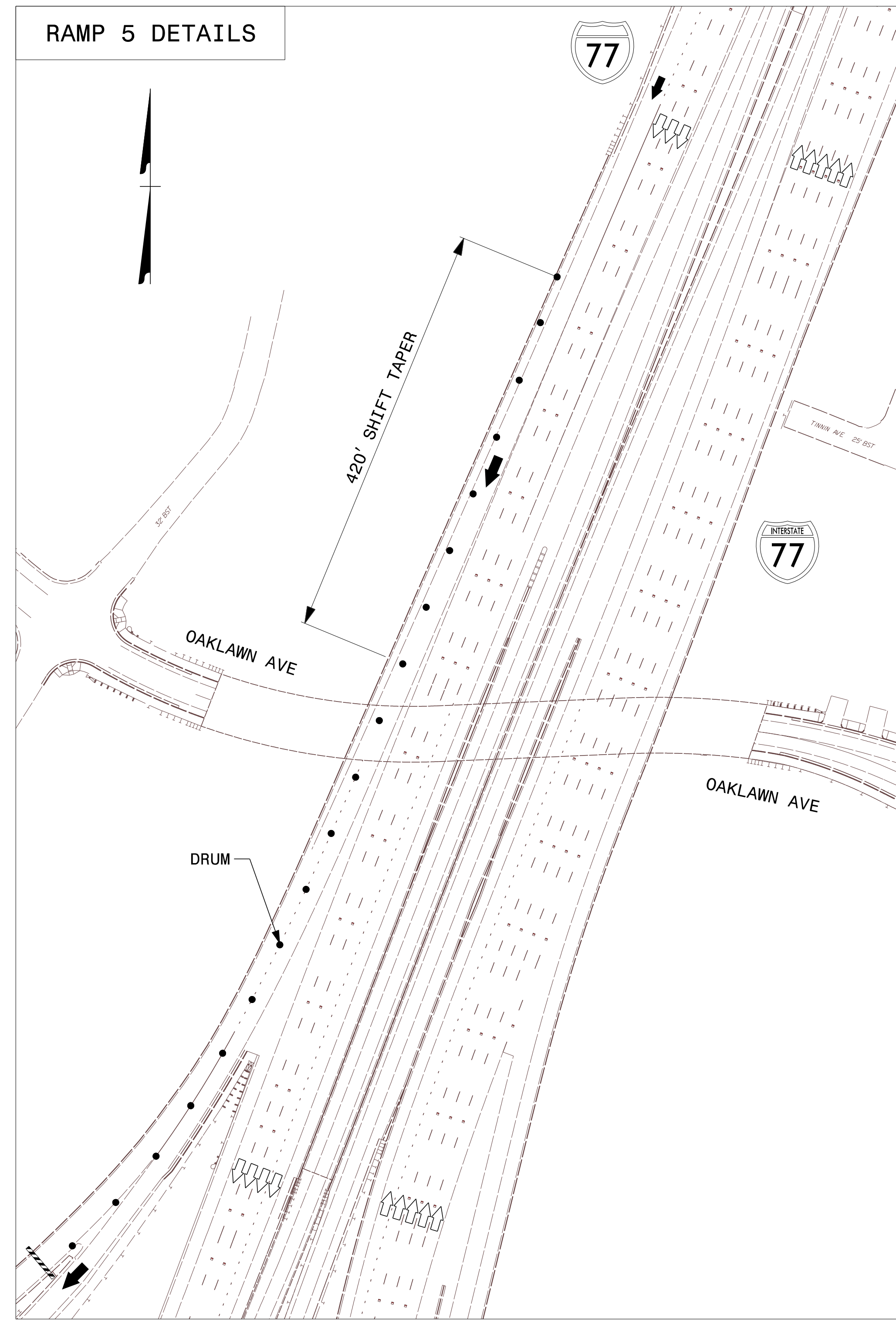
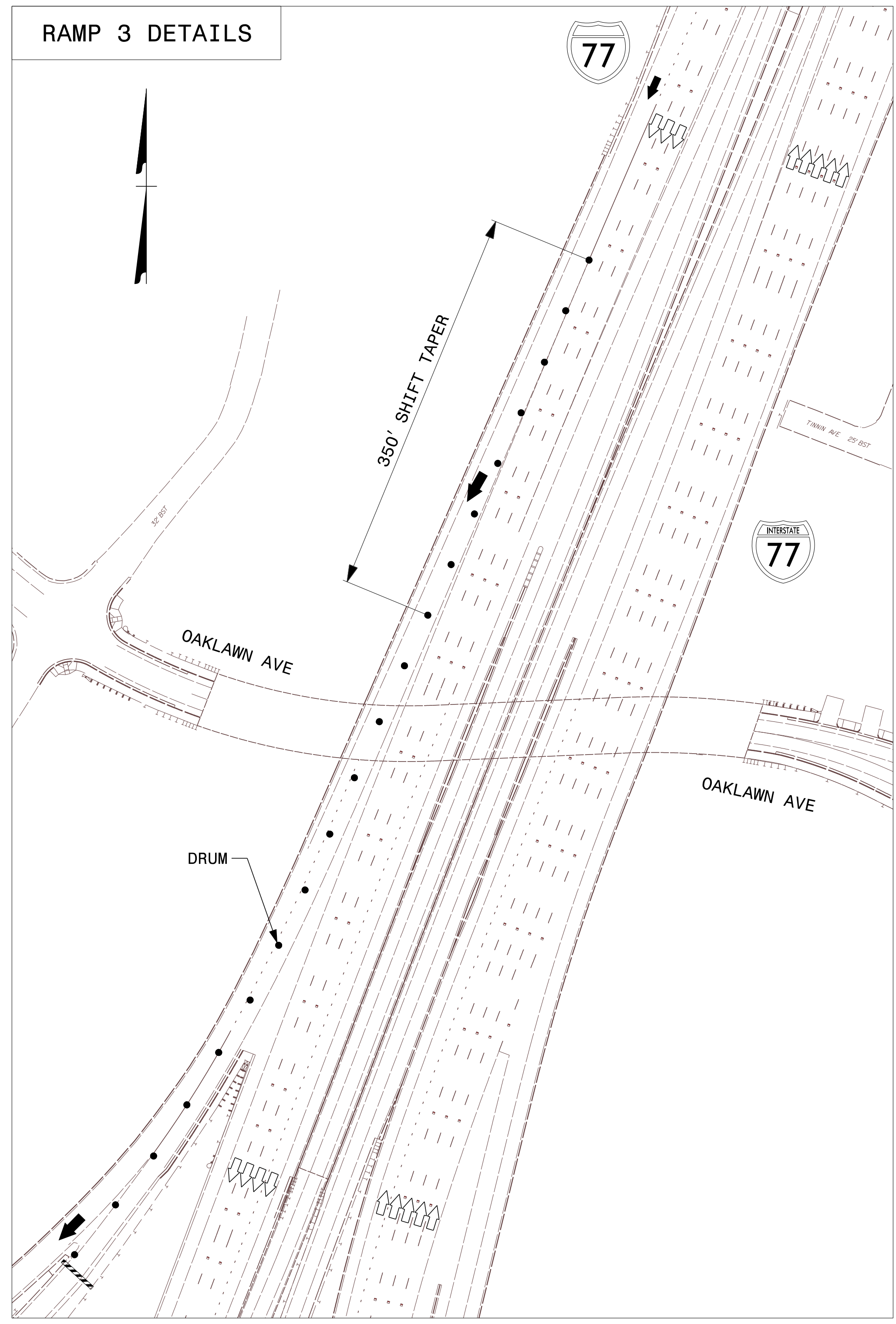
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



**RAMP 5  
 DETOUR**

1/25/2023  
 I-6052\_TC\_TMP\_RAMP\_5\_DETOUR.dgn  
 User: jtebone





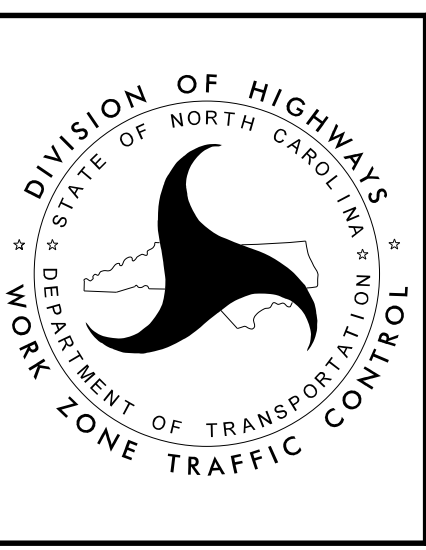
**NOTES:**

1. TRAFFIC CONTROL DEVICES SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. USE THIS SHEET IN CONJUNCTION WITH TMP-11, TMP-23, TMP-29, AND TMP-35.

APPROVED: *Jacob H. Duke*  
DocuSigned by: Jacob H. Duke 29630C8054E84D9

DATE: 1/25/2023

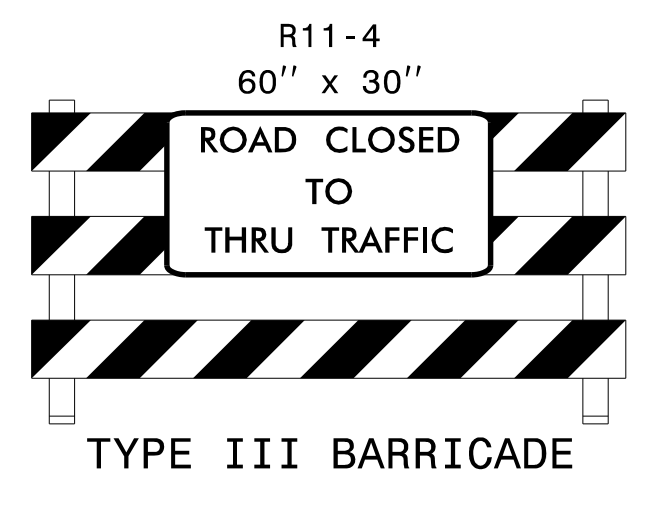
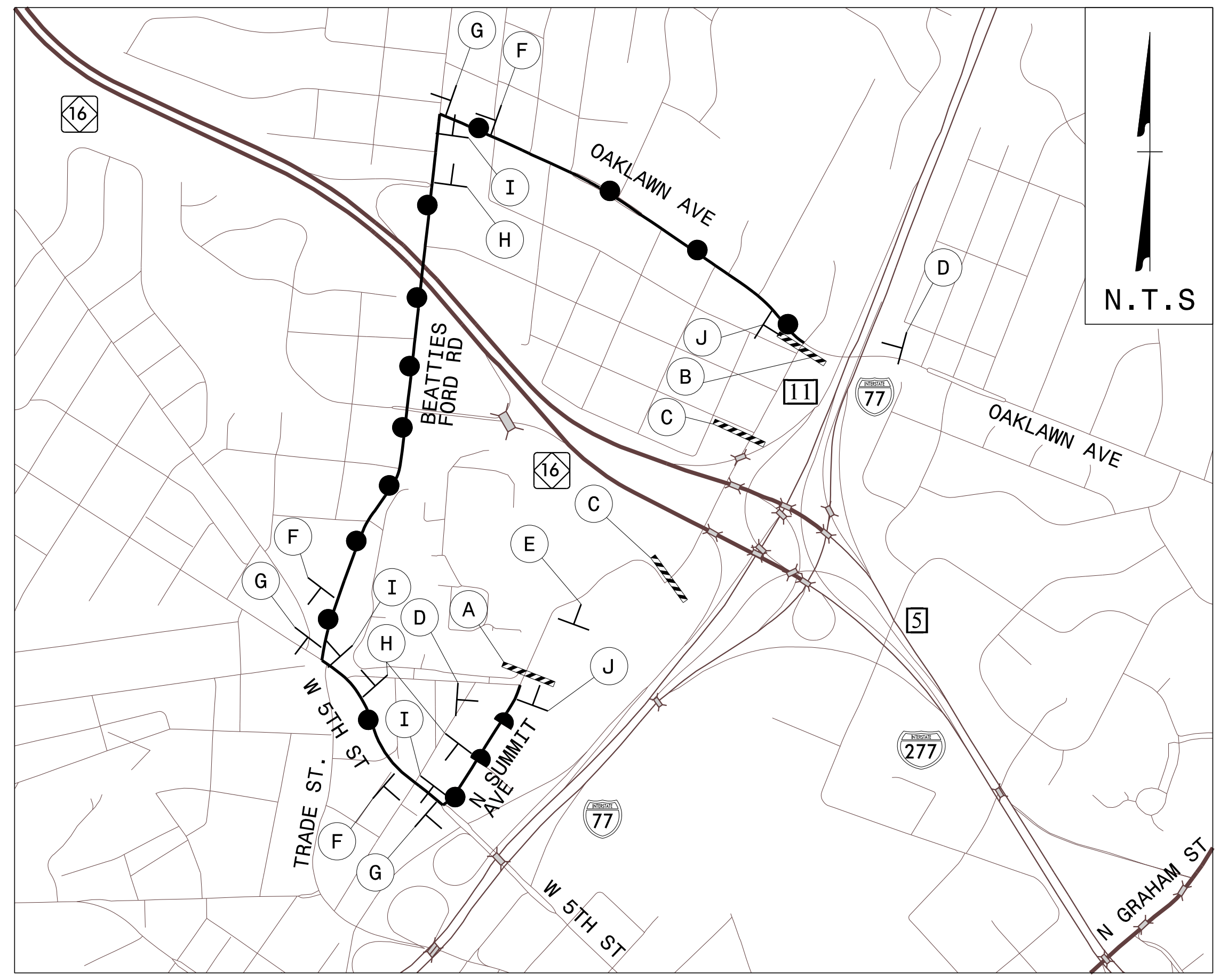
**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**



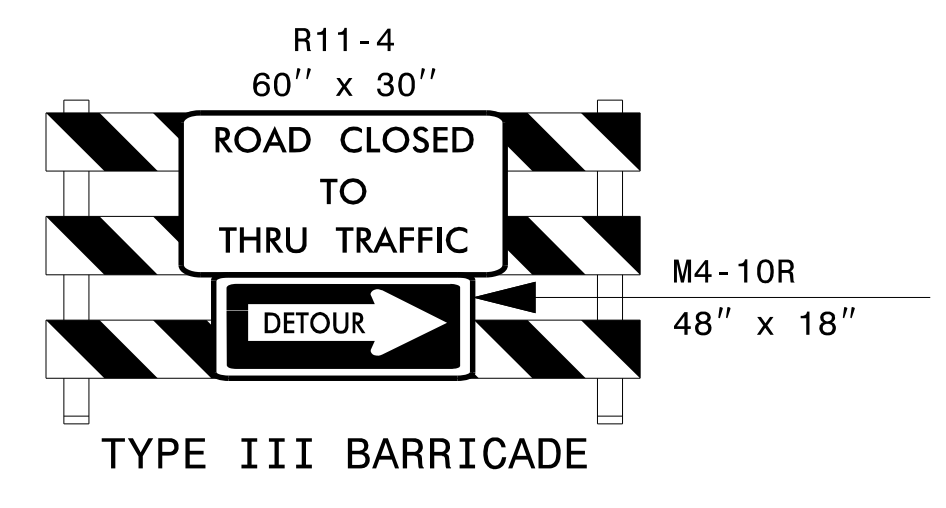
**RAMP 3 &  
 RAMP 5  
 DETOUR  
 DETAILS**

1/25/2023  
 I-6052\_TC\_TMP\_RAMP\_3 and 5\_DETOUR\_Details.dgn  
 User: jdebone

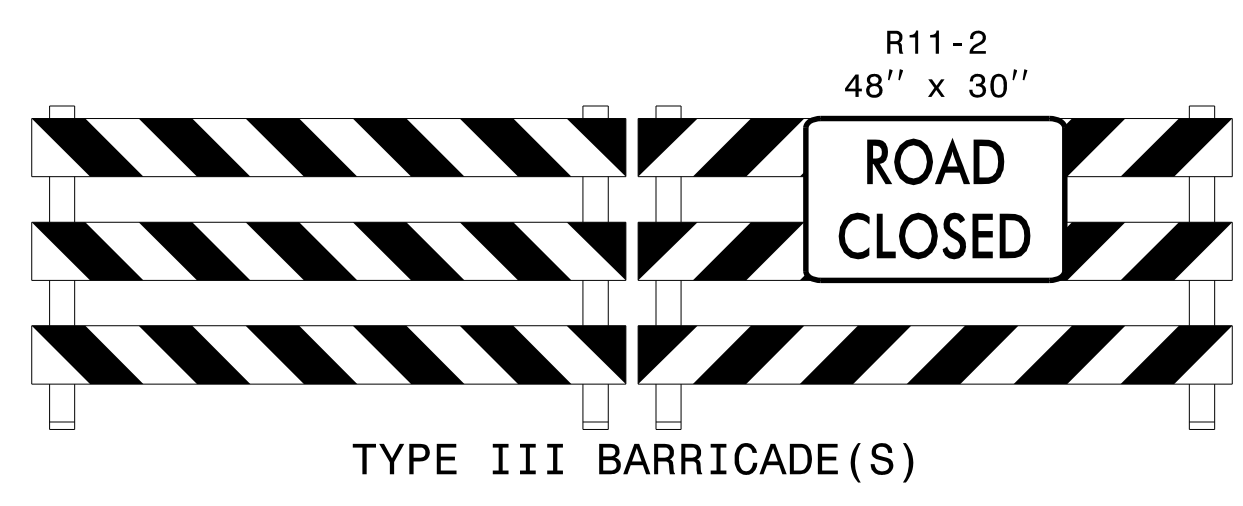




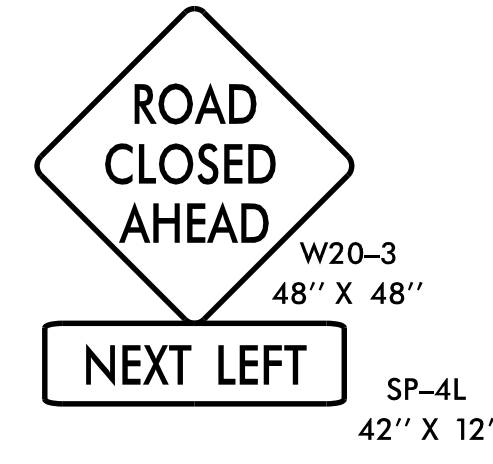
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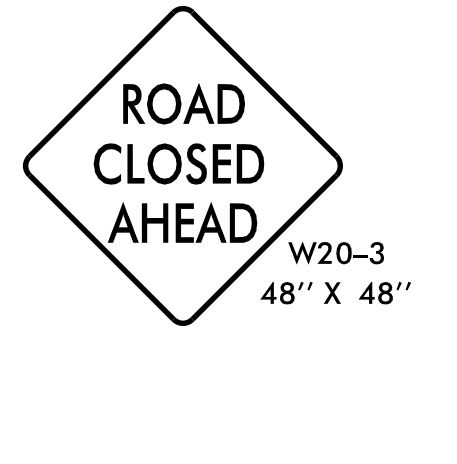
(B)



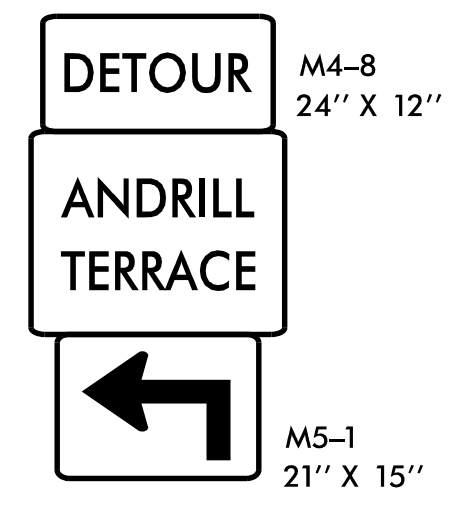
(C)



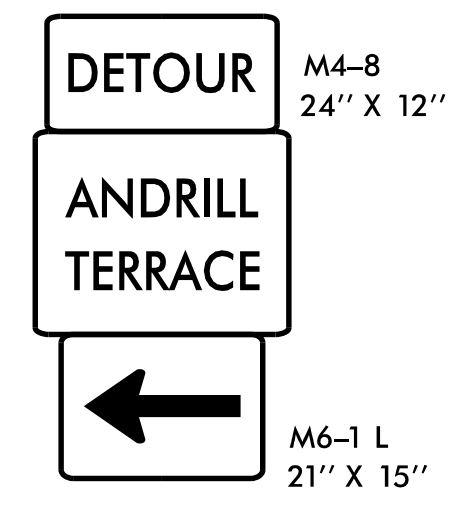
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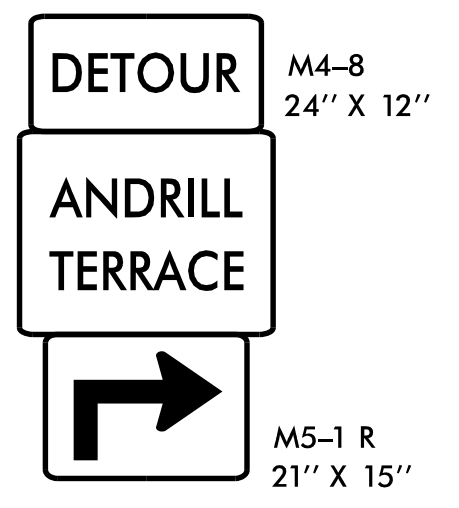
(E)



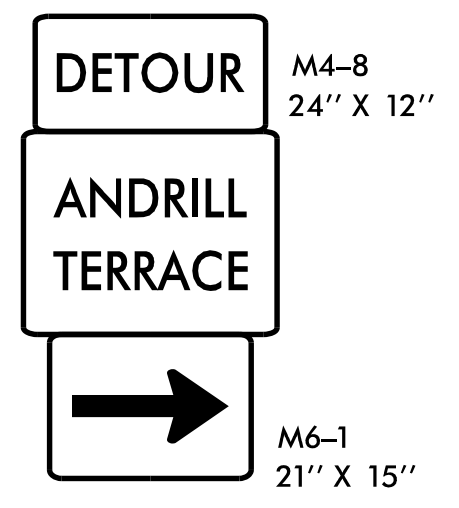
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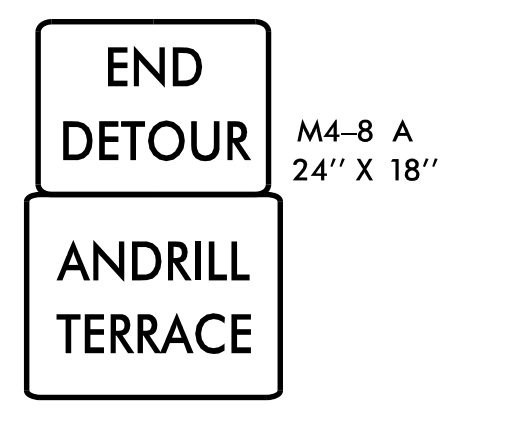
(G)



(H)



(I)



(J)

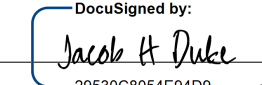
**DETOUR DESCRIPTION:**

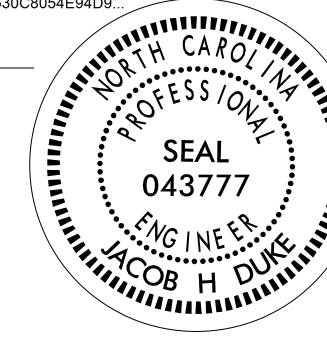
NORTH: N. SUMMIT AVE TO W. 5TH ST. TO W. TRADE ST/BEATTIES FORD RD. TO OAKLAWN AVE.

**NOTES:**

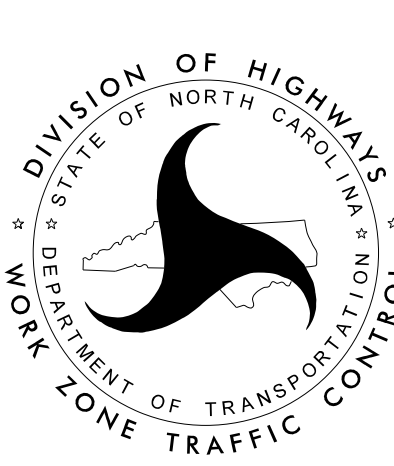
1. TRAFFIC CONTROL DEVICES (A) THRU (J) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4 AND RSD 1101.03 SHEET 1 OF 9 UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH TMP-2A, TMP-10, AND TMP-24.

1/25/2023 I-6052-TC-TMP-ANDRILL-TERRACE-DETOUR.dgn User: jdebone

APPROVED:   
DATE: 1/25/2023

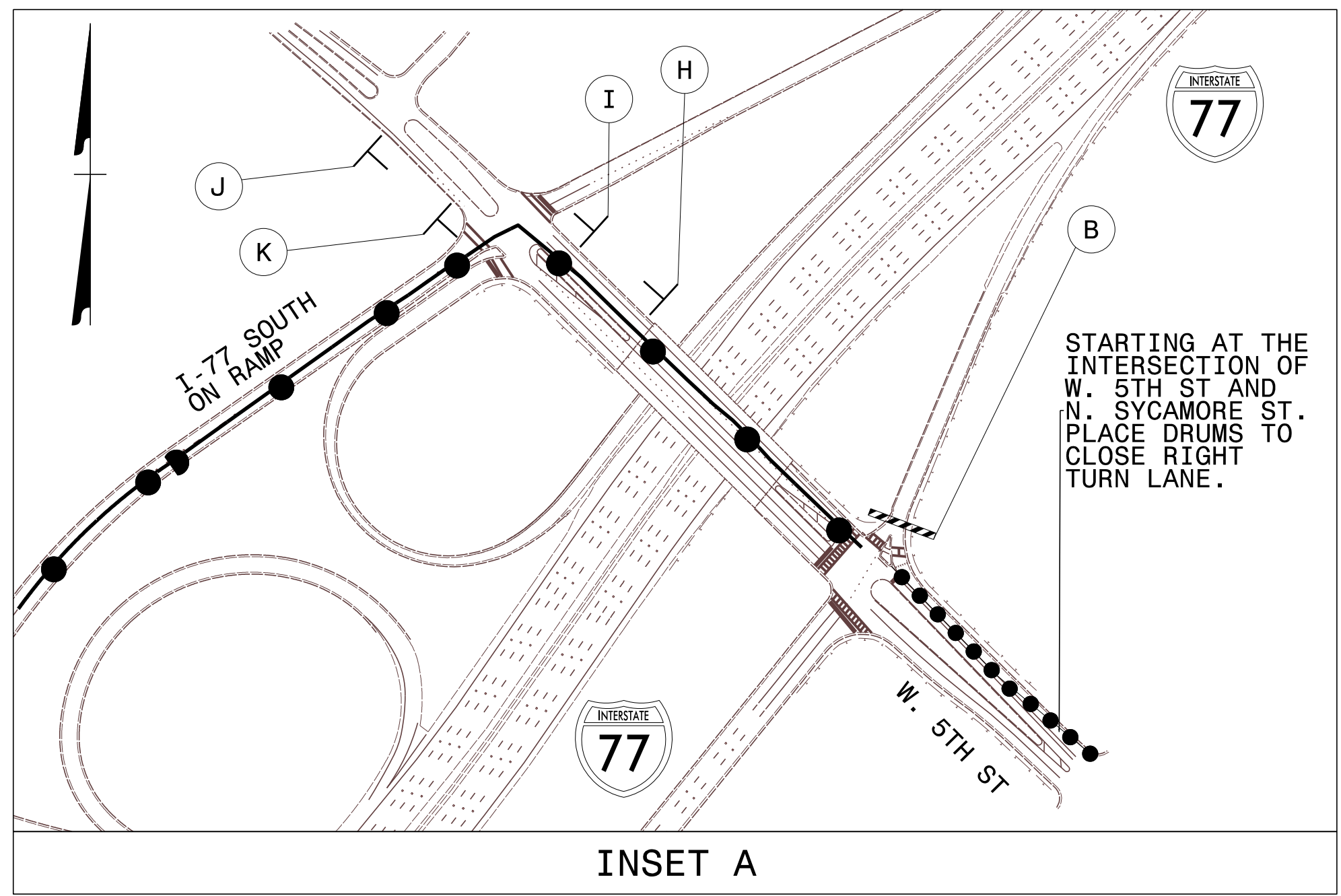
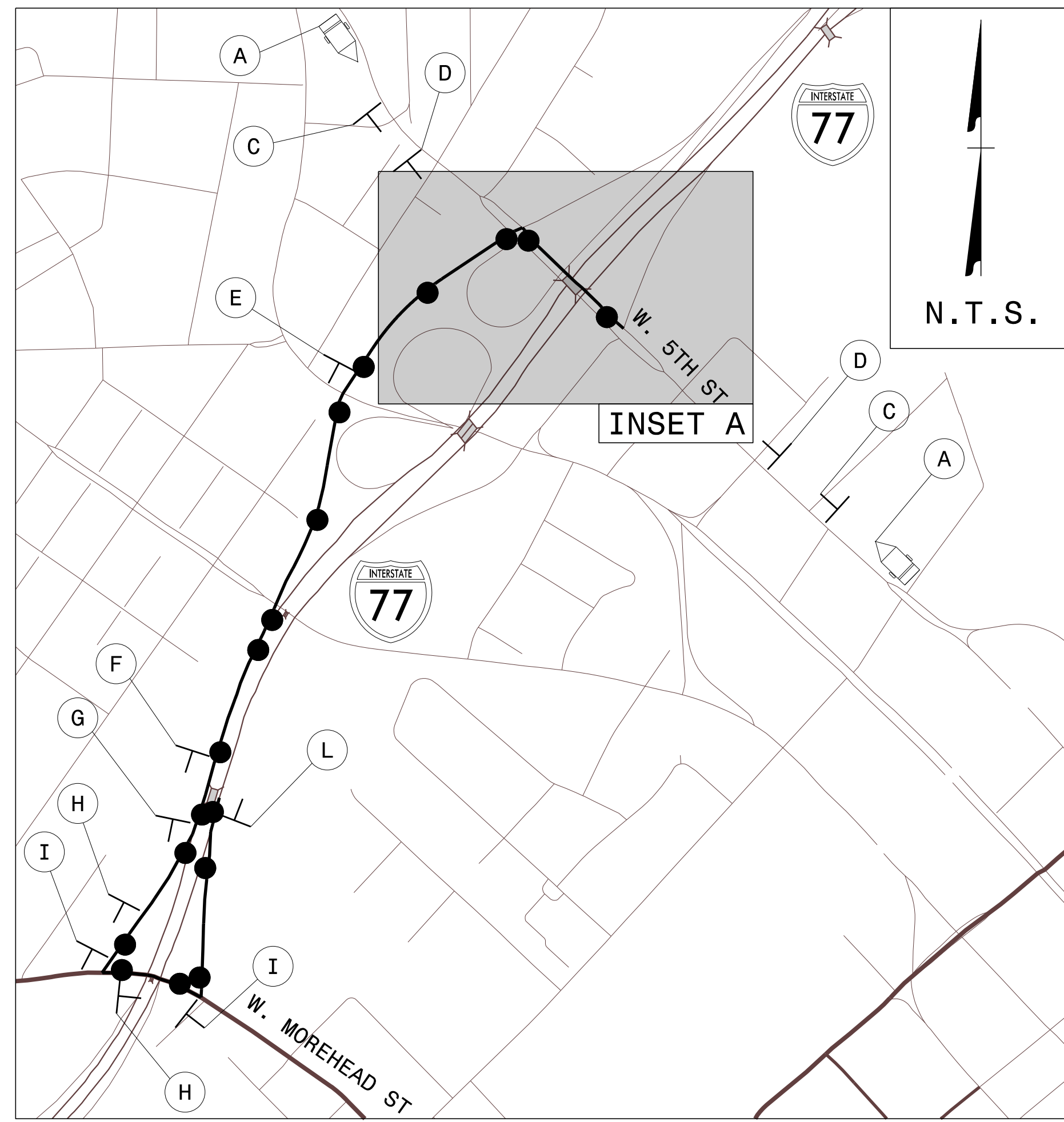


**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**

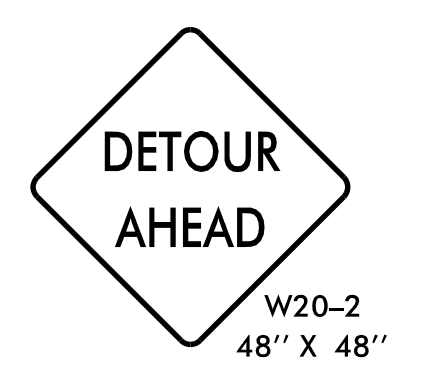
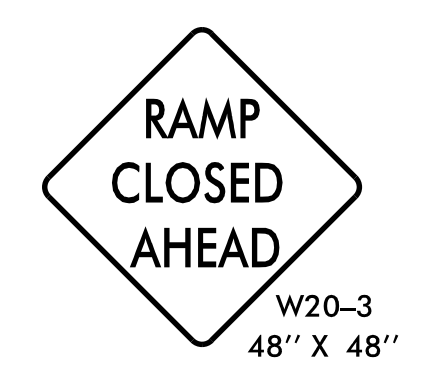
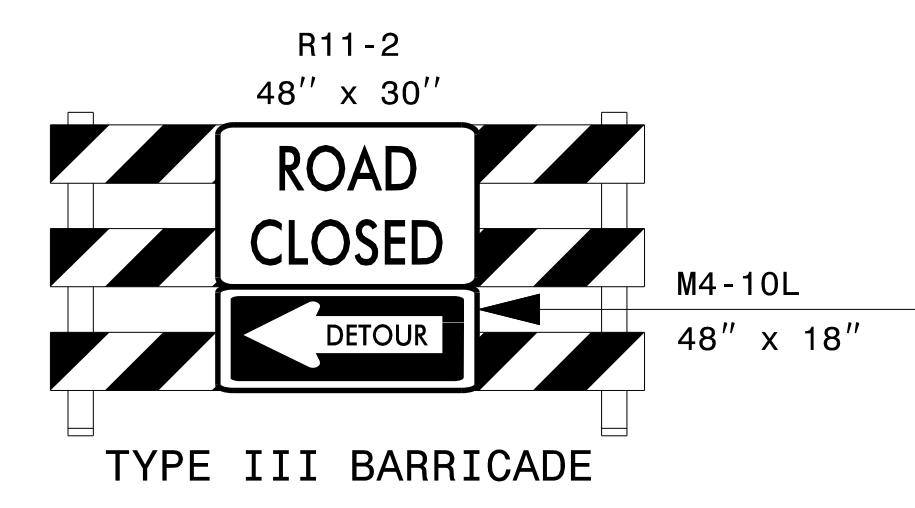


**ANDRILL TERRACE  
DETOUR**



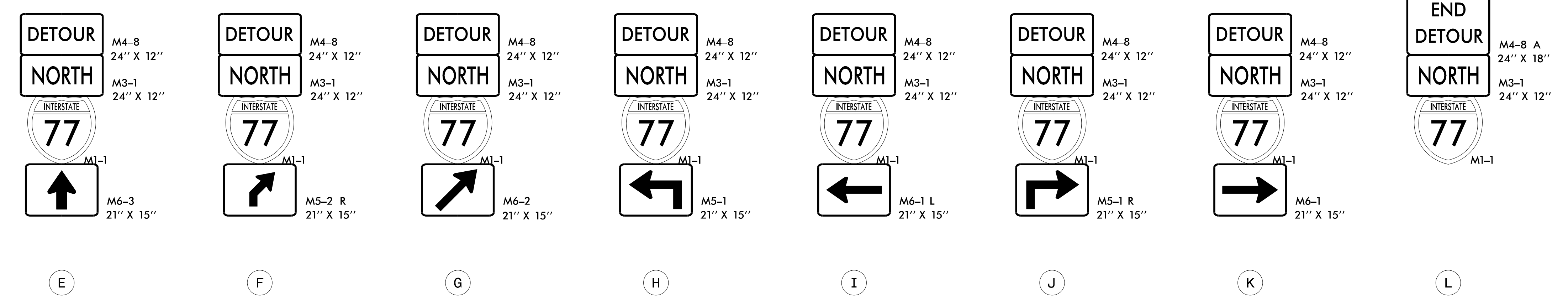


MESSAGE NO. 1	MESSAGE NO. 2
I77 RAMP CLOSED AHEAD	FOLLOW I-77 NB DETOUR
CHANGEABLE MESSAGE SIGN	



**DETOUR DESCRIPTION:**

NORTH: W. 5TH ST TO I-77 SOUTH ON RAMP TO I-77 SOUTH TO EXIT 10A W. MOREHEAD ST TO I-77 NORTH



**NOTES:**

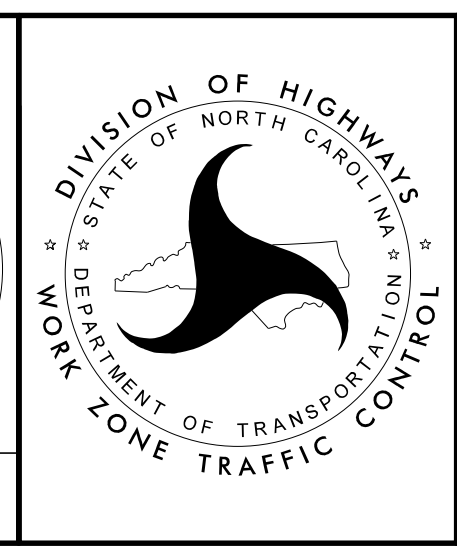
1. TRAFFIC CONTROL DEVICES (A) THRU (L) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEETS 1 THRU 3 OF 3 AND TMP-25.
4. CLOSURE OF RIGHT TURN LANE ON W. 5TH ST USES RSD 1101.02 SHEET 3 OF 14 WITH A POSTED SPEED OF 25 MPH AND A MERGE TAPER OF 125'. DRUM OFF THE REMAINING LENGTH OF THE RIGHT TURN LANE USING 50' DRUM SPACING.

APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

DocuSigned by:  
 Jacob H. Duke  
 29630C8054E84D9

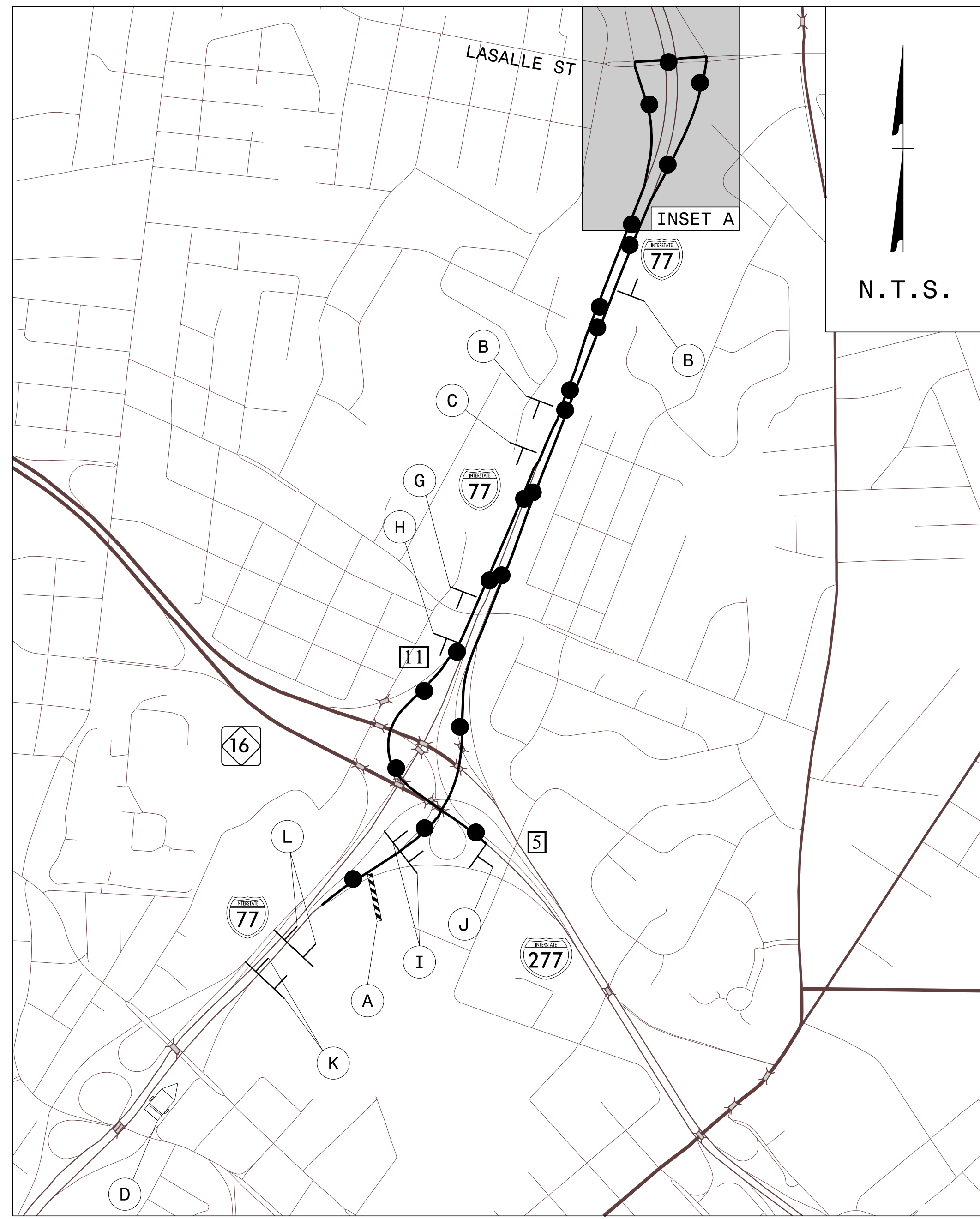
SEAL  
 043777  
 ENGINEER  
 JACOB H. DUKE

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

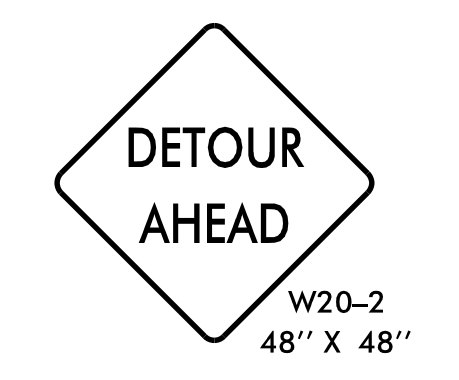
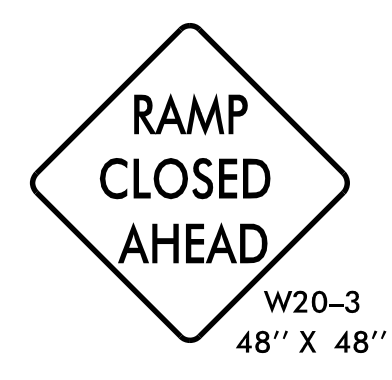
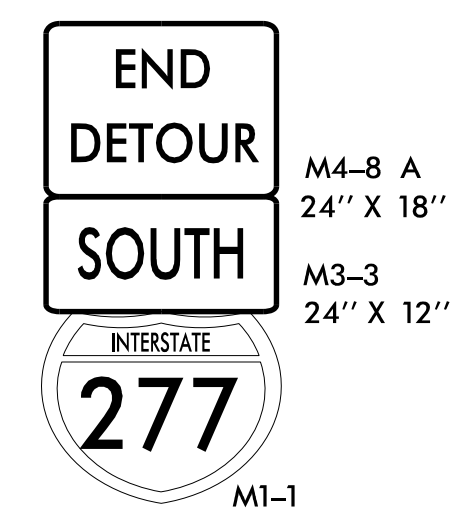
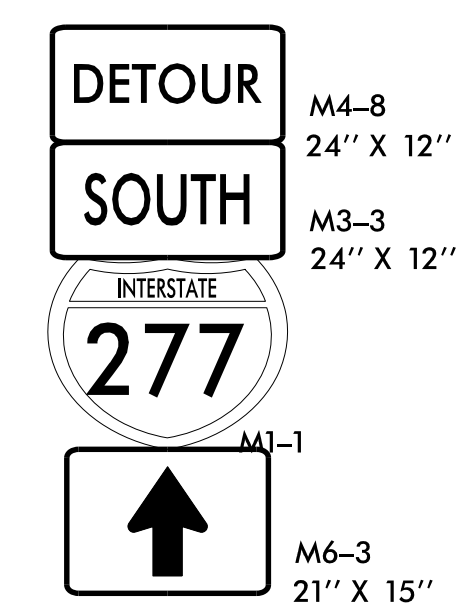
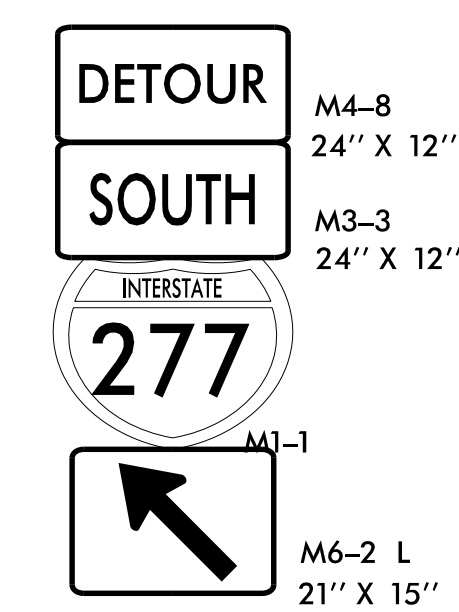
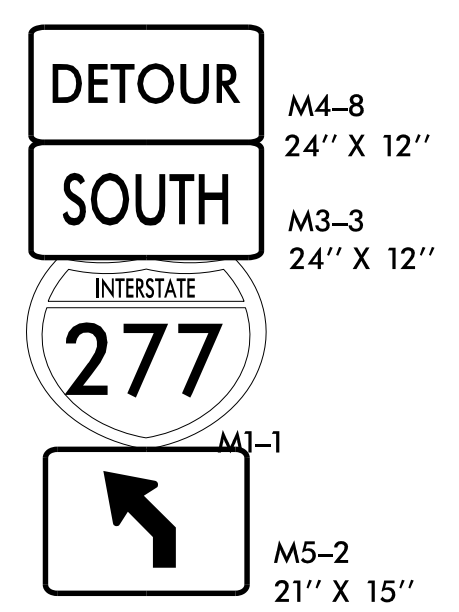
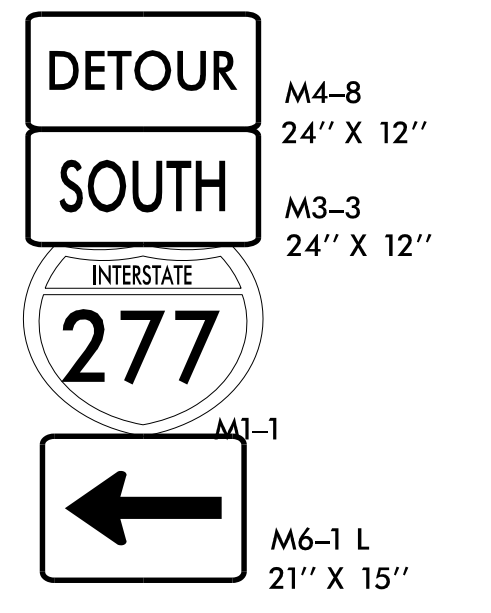
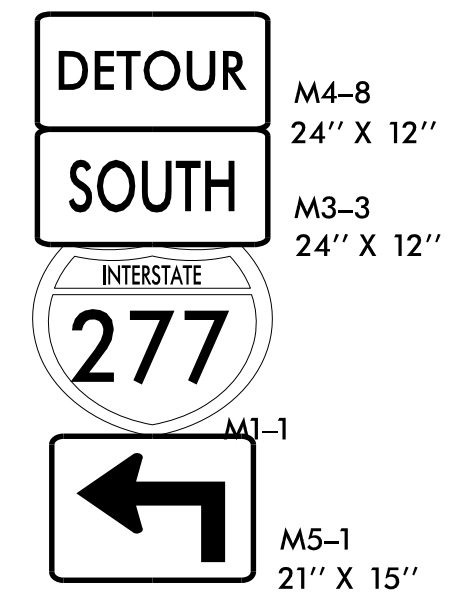
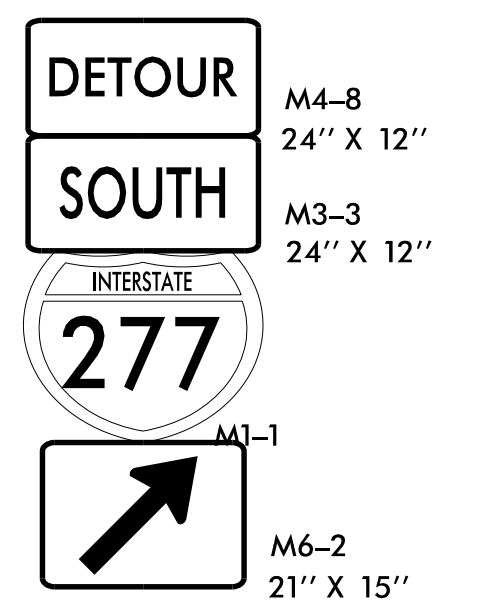
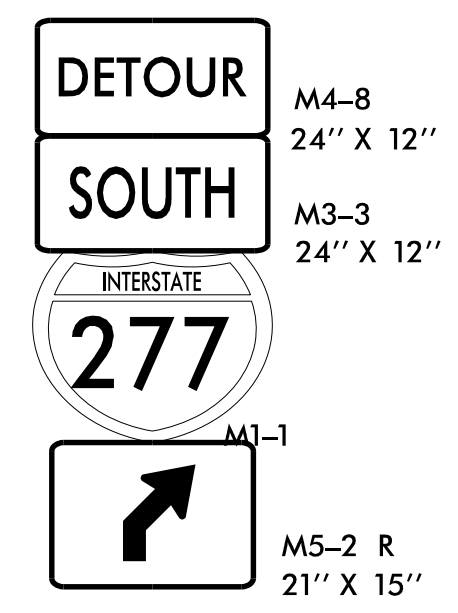
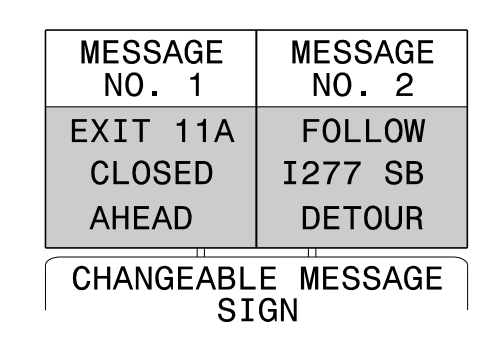
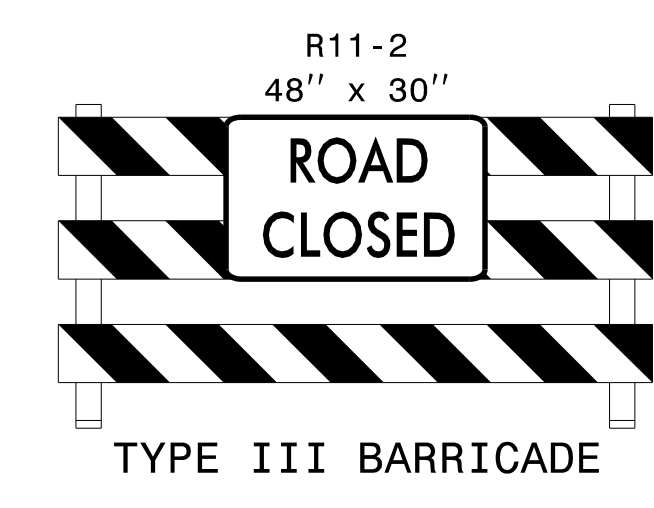
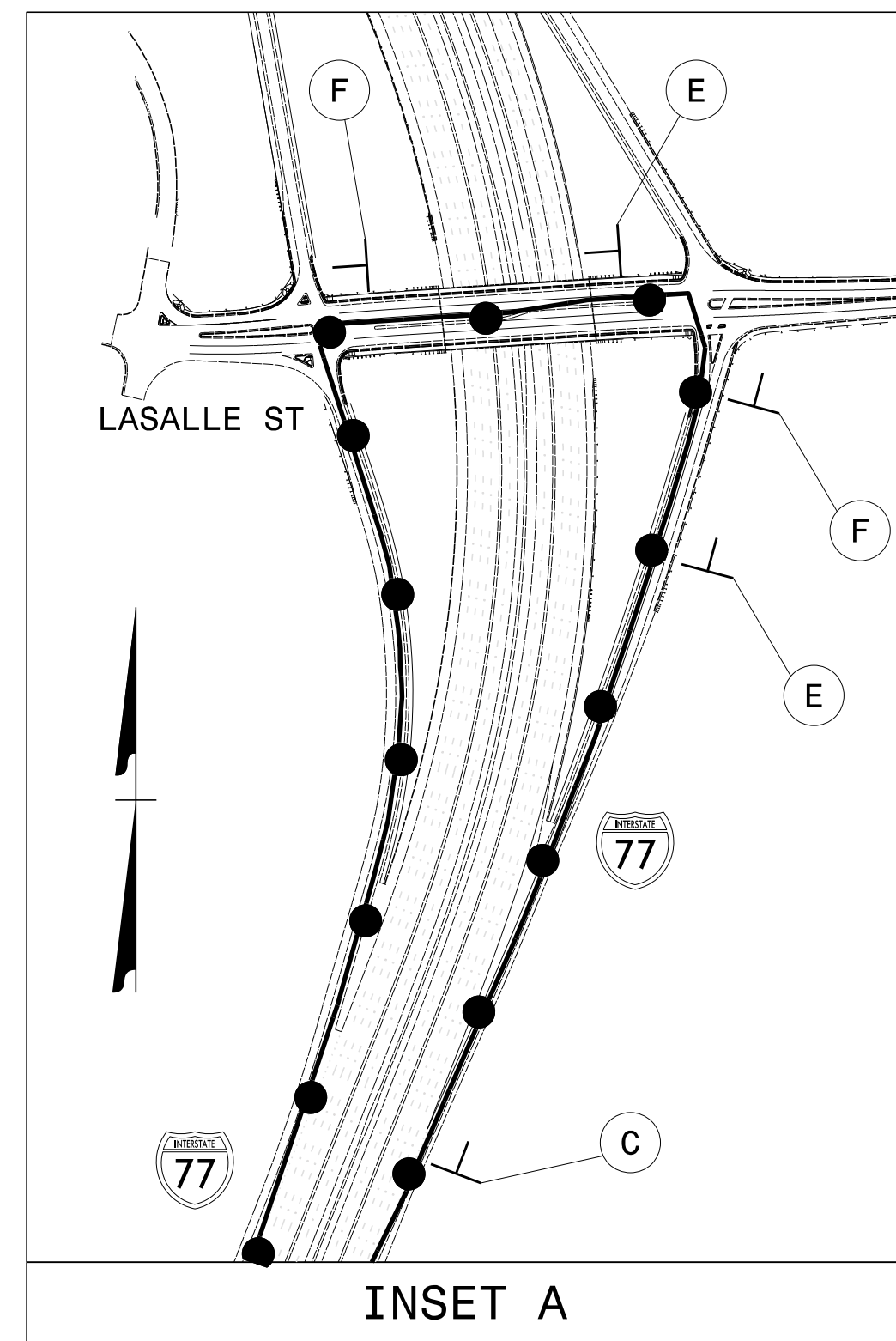


I-77 NB  
 DETOUR





\*\* PLACE PCMS 1 MILE PRIOR TO EXIT 11A



**DETOUR DESCRIPTION:**

NORTH: I-77 NORTH TO EXIT 12 (LA SALLE ST.) TO I-77 SOUTH TO EXIT 11A NC 16/I-277 SOUTH (BROOKSHIRE FRWY WEST).

**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (L) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH TMP-5, TMP-16, AND TMP-25.

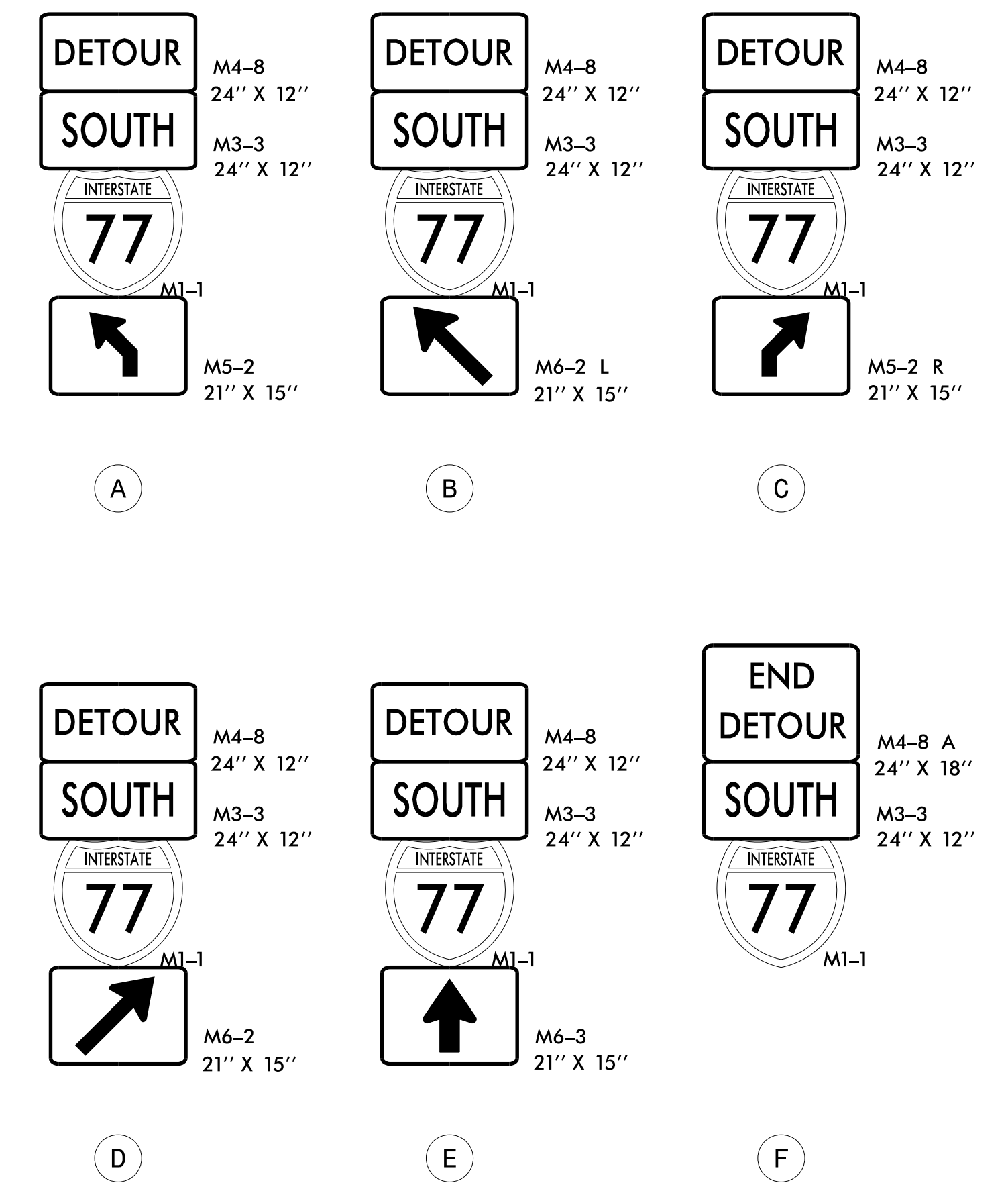
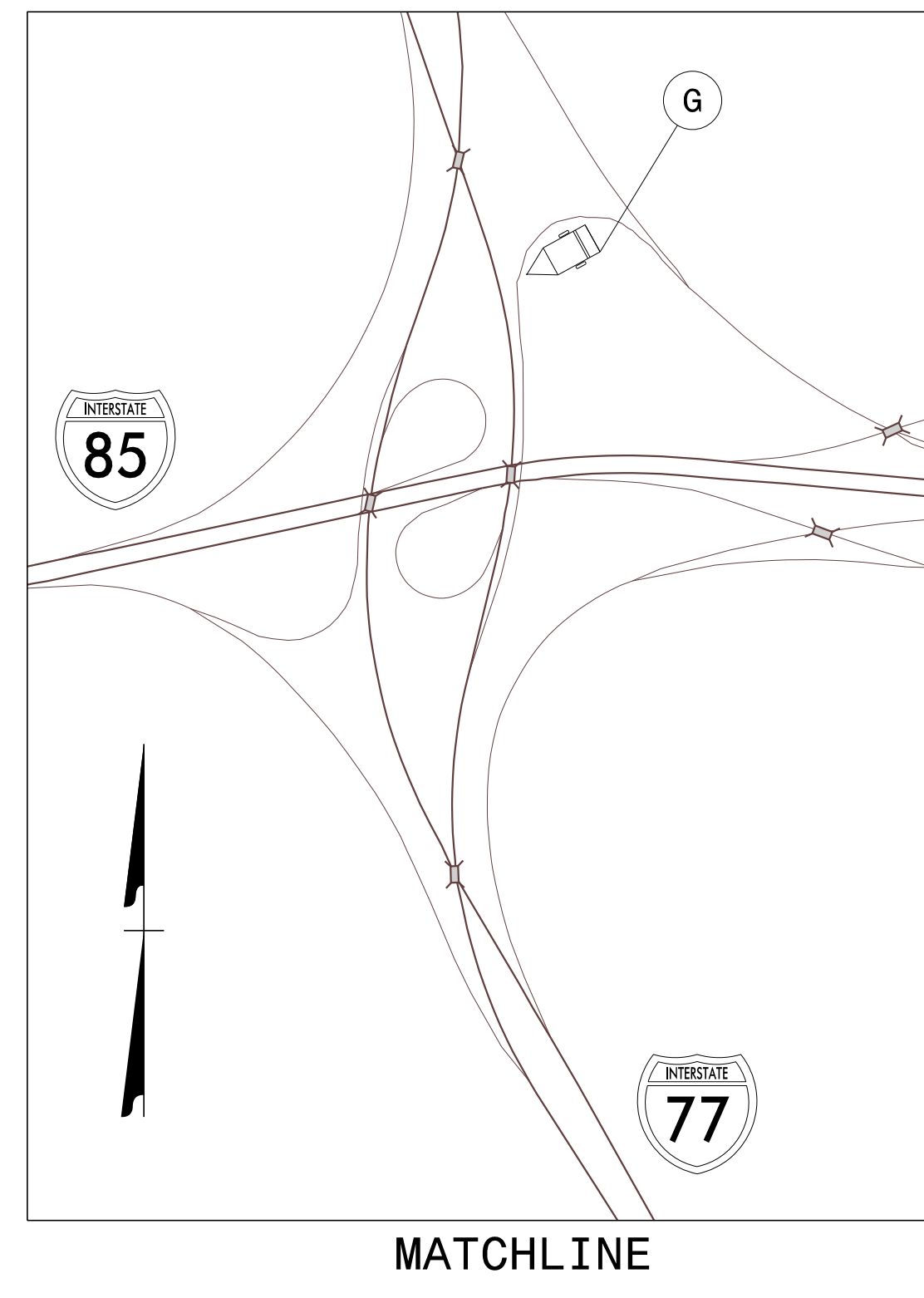
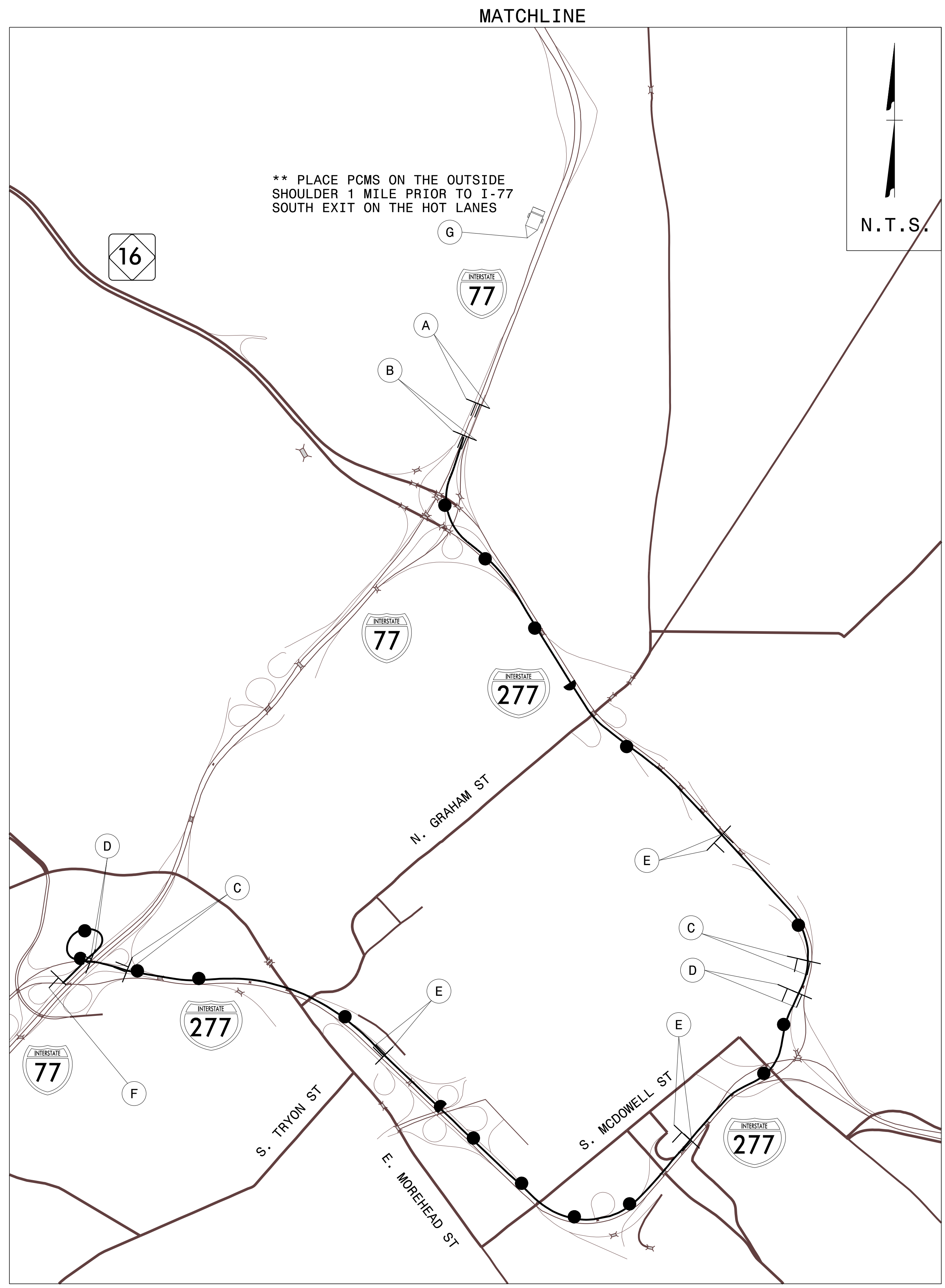
APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

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

**RAMP 6  
 DETOUR**

1/25/2023  
 I-6052\_TC\_TMP\_RAMP\_6\_DETOUT.dgn  
 User: jidebone





MESSAGE NO. 1	MESSAGE NO. 2
I77 TOLL SB EXIT CLOSED	FOLLOW I-77 SB DETOUR
CHANGEABLE MESSAGE SIGN	

**DETOUR DESCRIPTION:**

I-77 SOUTH: I-77 SOUTH TO I-277 SOUTH TO I-277 INNER/NC16 SOUTH TO EXIT 1B I-77 SOUTH

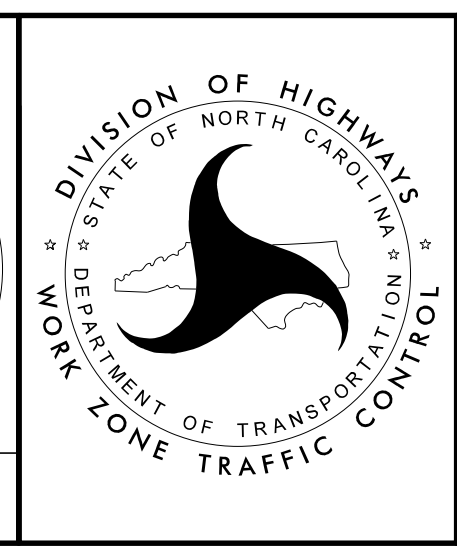
**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (G) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEETS 1 THRU 3 OF 3, TMP-7, TMP-8, TMP-12, TMP-13, TMP-18, TMP-19, TMP-21, AND TMP-22.
4. PRIOR TO CLOSING THE I-77 SOUTH EXIT OF THE HOT LANES CONTRACTOR MUST COORDINATE WITH TOLL AUTHORITY 2 WEEKS PRIOR TO ANY TRAFFIC PATTERN ALTERATION.
5. CLOSE THE I-77 SOUTH EXIT OF THE HOT LANES USING RSD 1101.02 SHEET 3 OF 14 AND TMP-42.

1/25/2023  
I-6052-TC-TMP-I77SB HOT LANES DETOUR.dgn  
User: jdebone

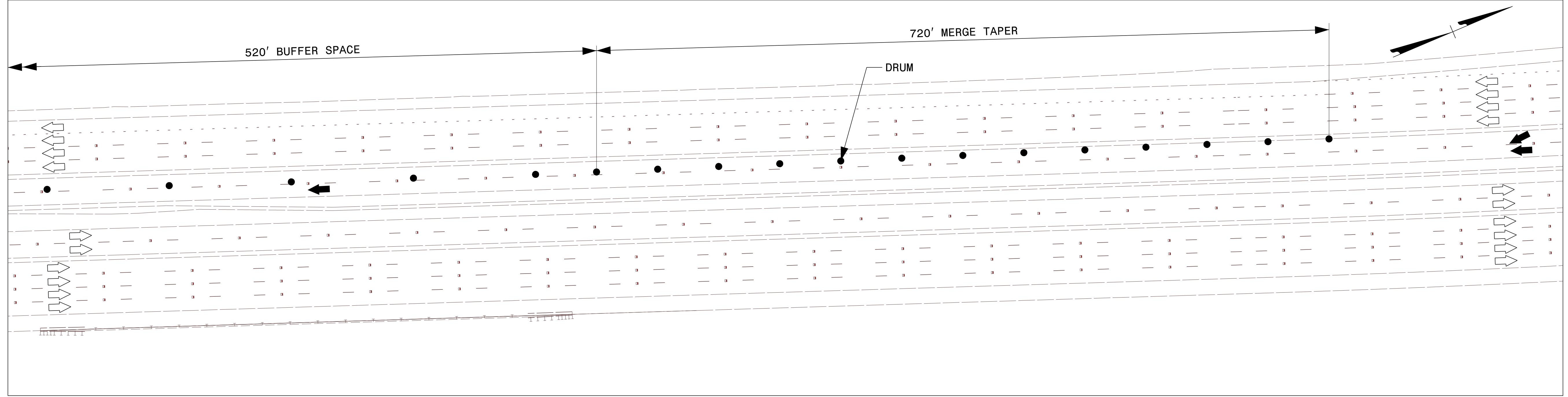
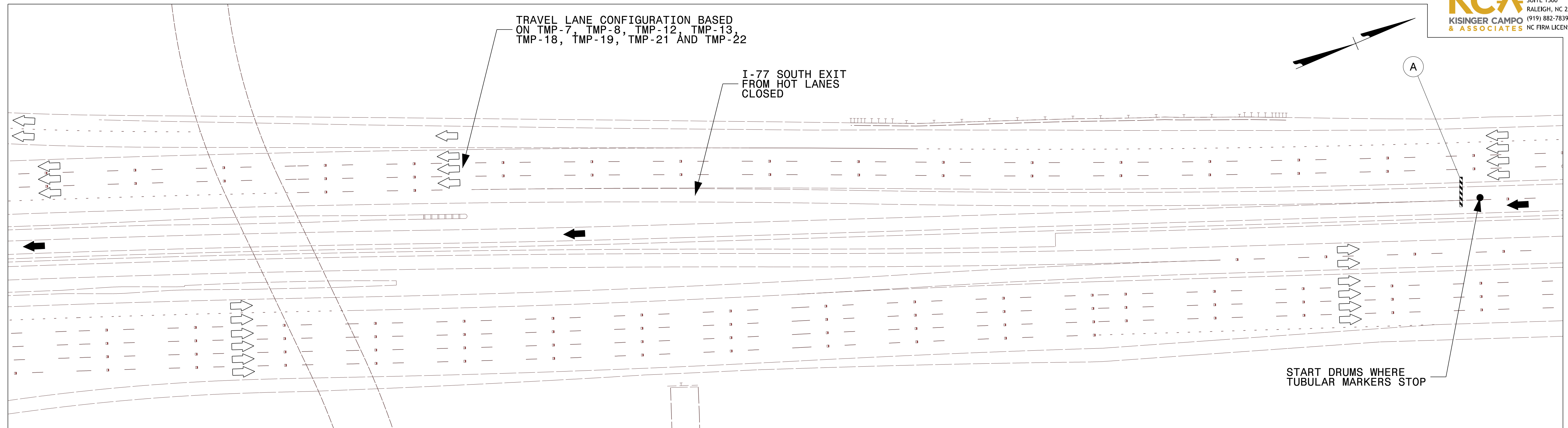
APPROVED: Jacob H. Duke  
 DATE: 1/25/2023

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



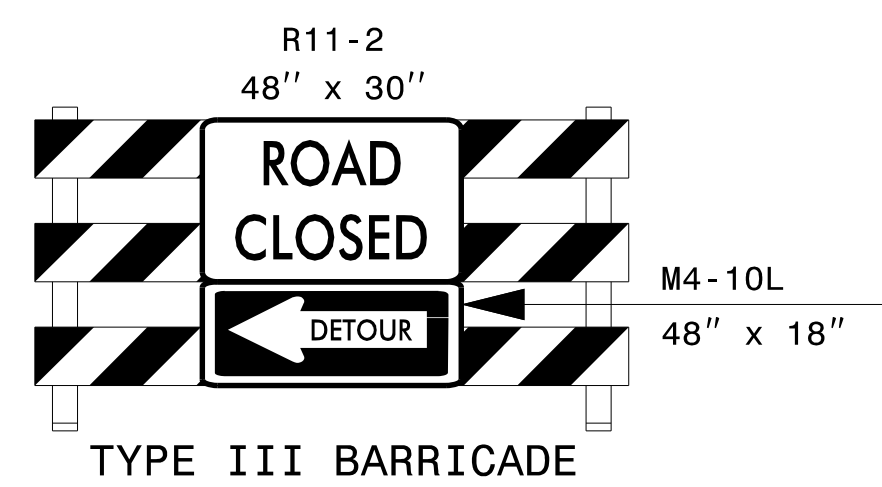
**I-77 SB  
HOT LANES  
DETOUR**





**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 14 TO PLACE SIGNS AND DEVICES AND TO CLOSE LANE.
3. USE THIS SHEET IN CONJUNCTION WITH TMP-41.

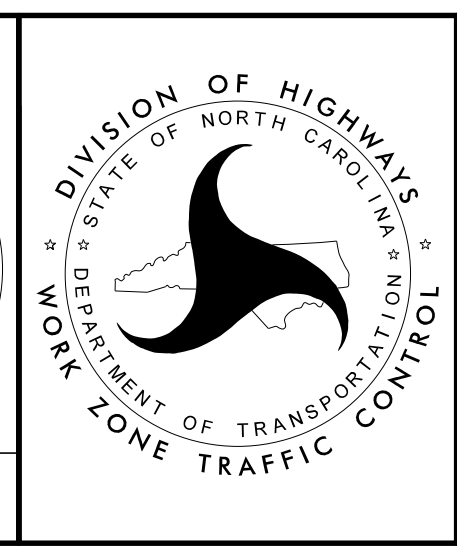


APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

DocuSigned by:  
Jacob H. Duke  
29630C8054E84D9

PROFESSIONAL ENGINEER  
 SEAL  
 043777  
 JACOB H. DUKE

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

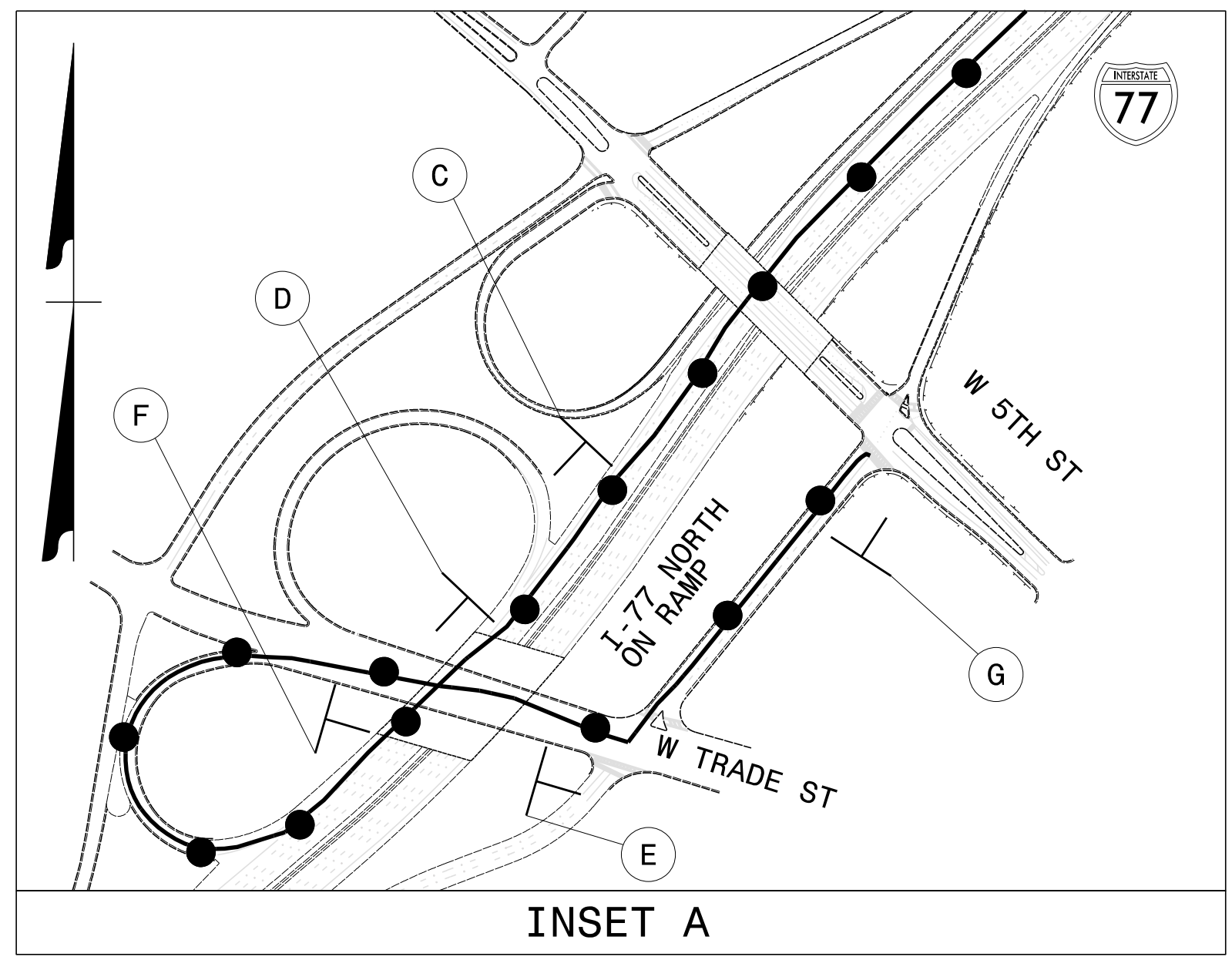
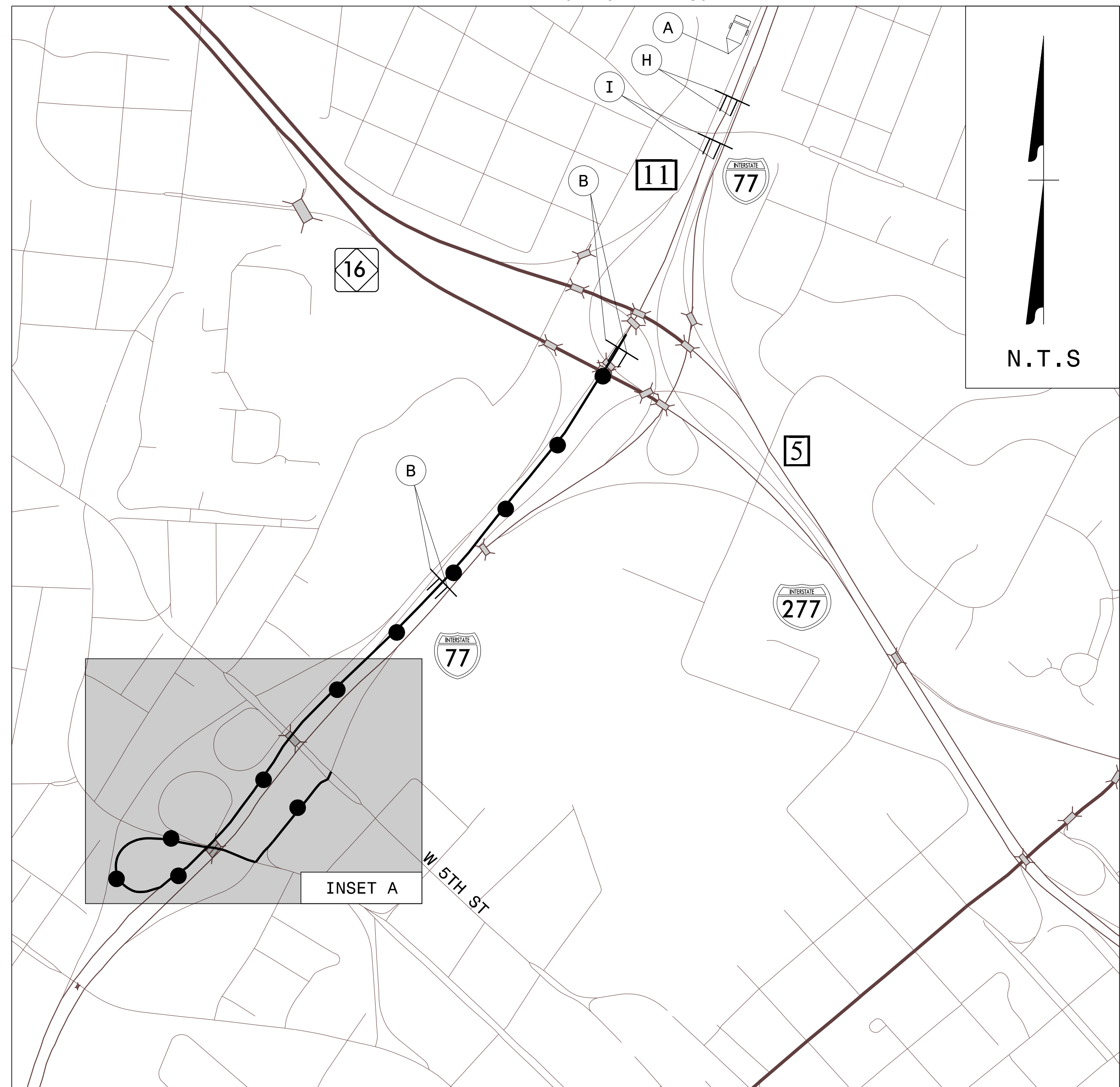


**I-77 SB  
 HOT LANES  
 DETOUR DETAILS**

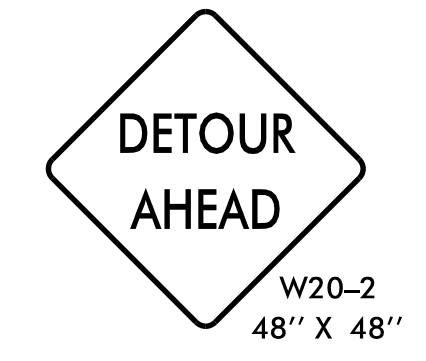
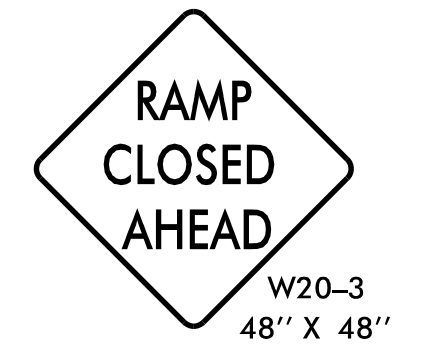
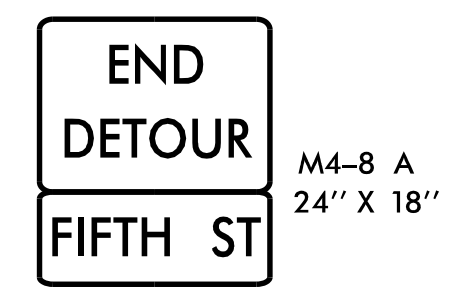
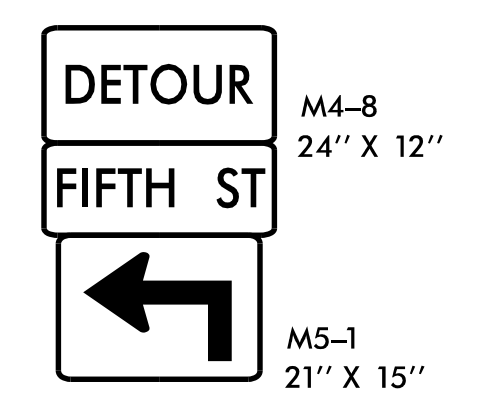
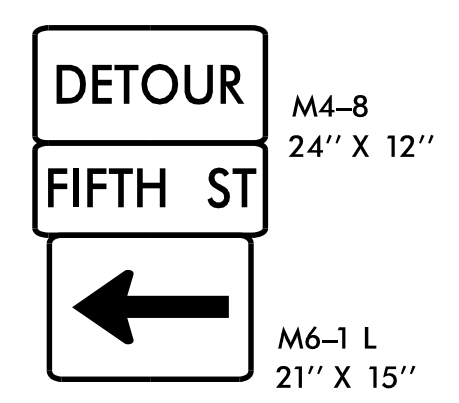
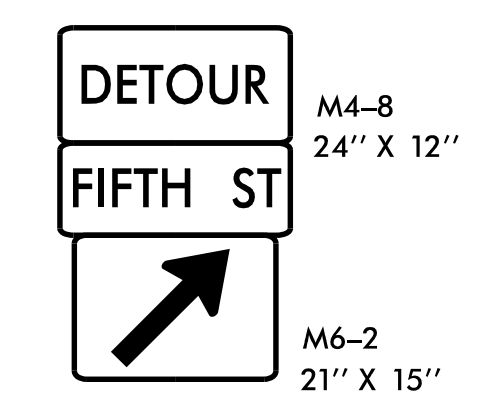
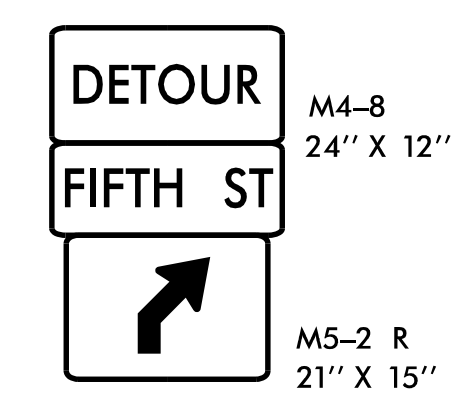
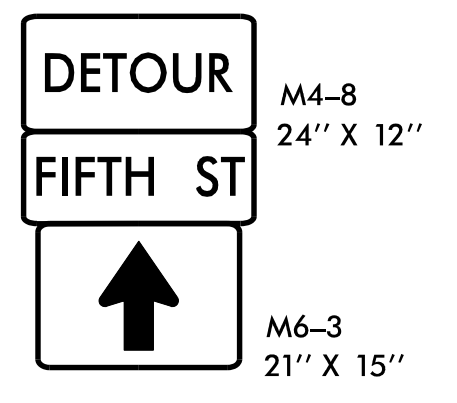
1/25/2023  
 I-6052-TC-TMP-117TSB HOT LANES DETOUR DETAILS.dgn  
 User: jidebone



**\*\* PLACE PCMS SIGN 1 MILE PRIOR TO EXIT 10C**



MESSAGE NO. 1	MESSAGE NO. 2
EXIT 10C CLOSED AHEAD	FOLLOW FIFTH ST DETOUR
CHANGEABLE MESSAGE SIGN	



**DETOUR DESCRIPTION:**

SOUTH: I-77 SOUTH TO EXIT 10B W.TRADE ST  
 TO I-77 NORTH ON RAMP TO W. 5TH ST.

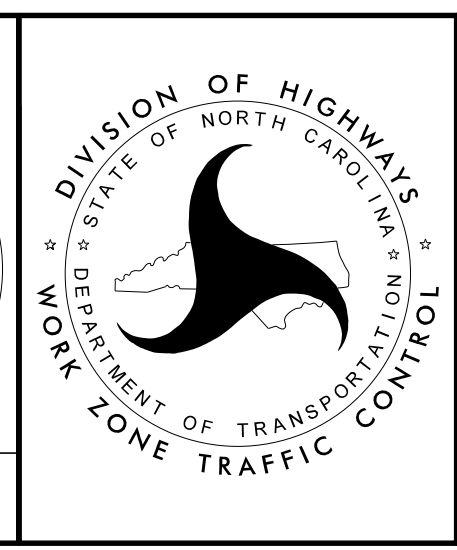
**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (I) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4 UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEET 3 OF 3, TMP-2B, TMP-7, TMP-12, TMP-18, AND TMP-21.

1/25/2023 I-6052-TC-TMP-W 5TH ST DETOUR.dgn User: jdebone

APPROVED: *Jacob H. Duke*  
 DATE: 1/25/2023

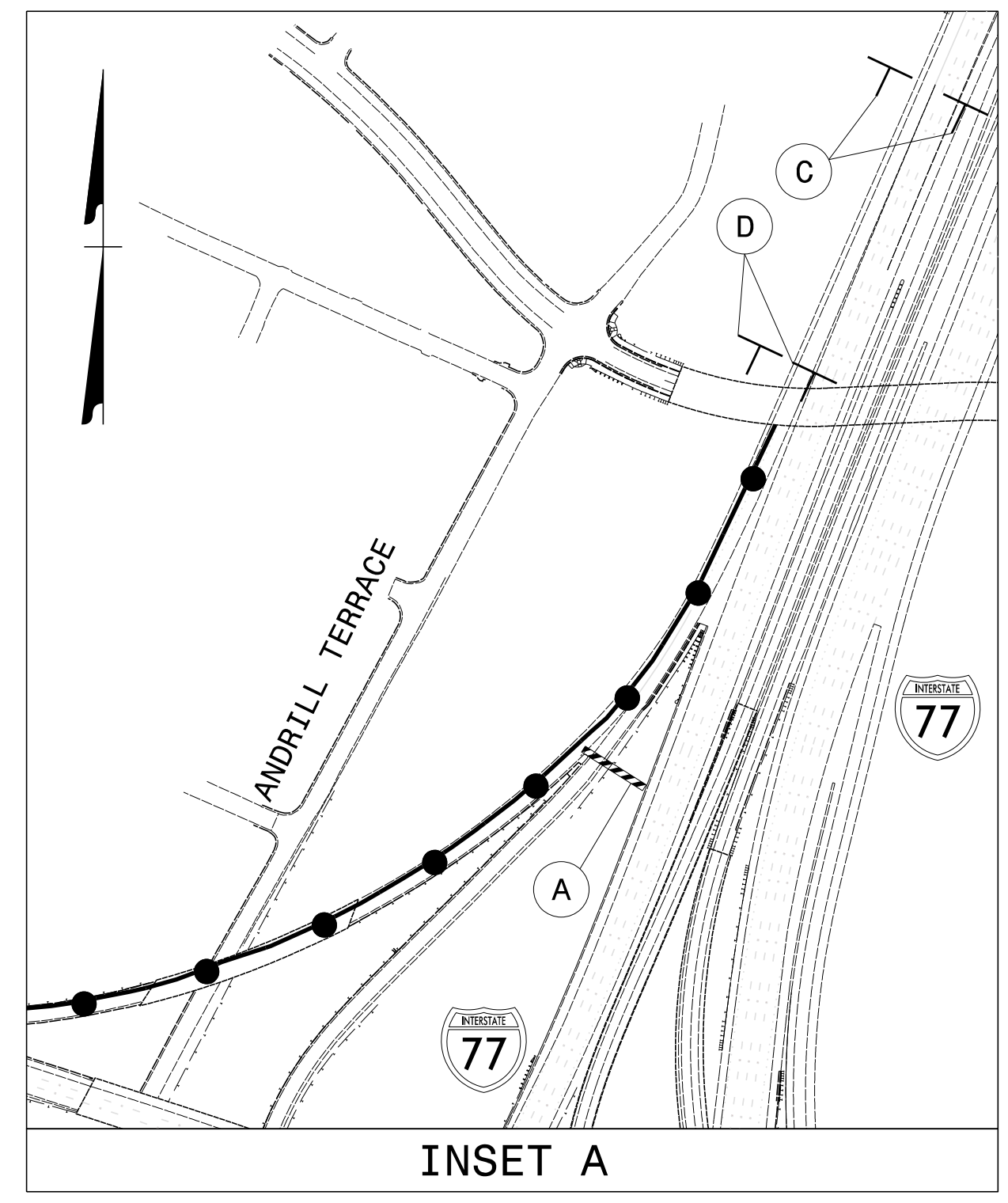
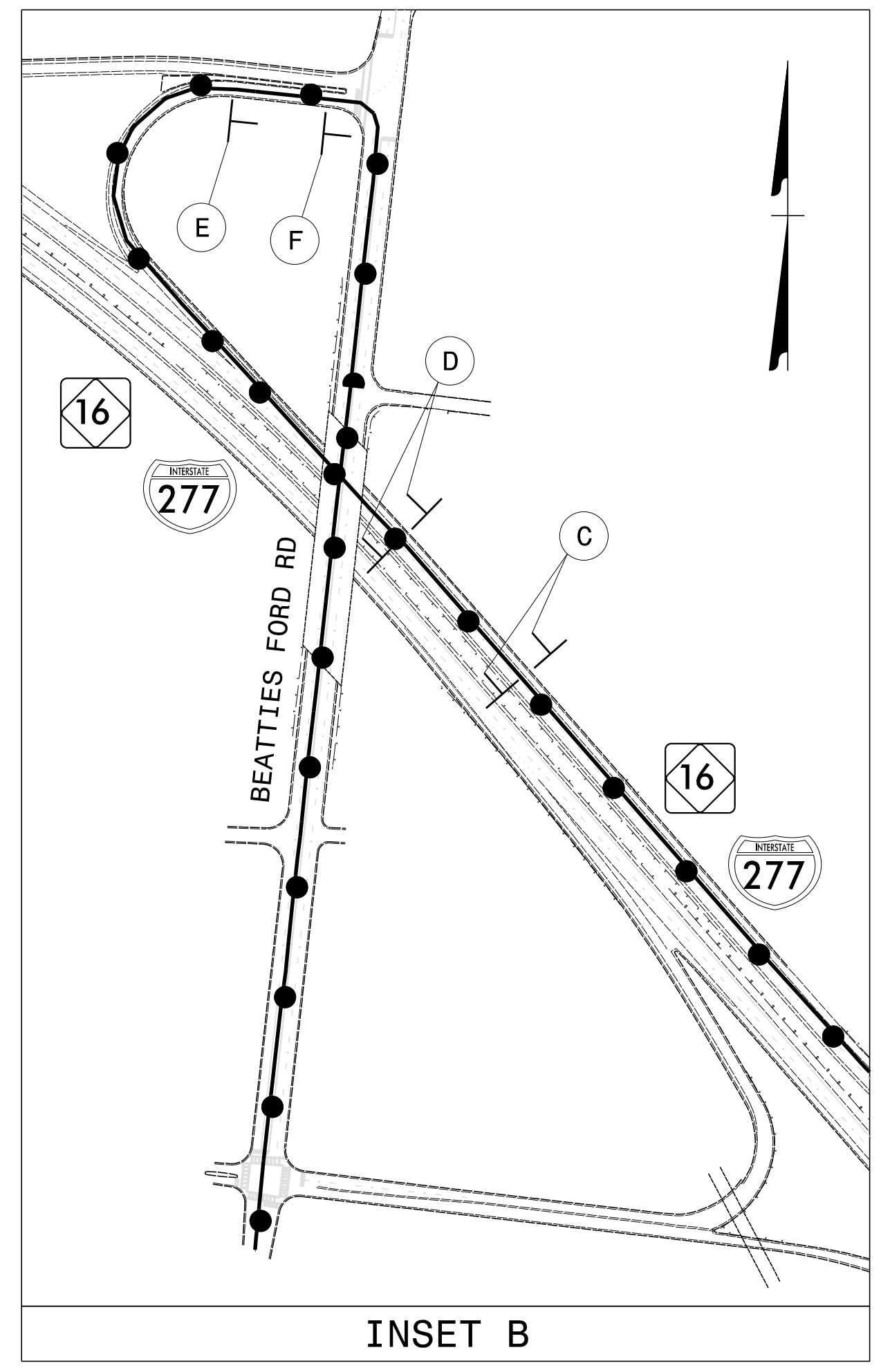
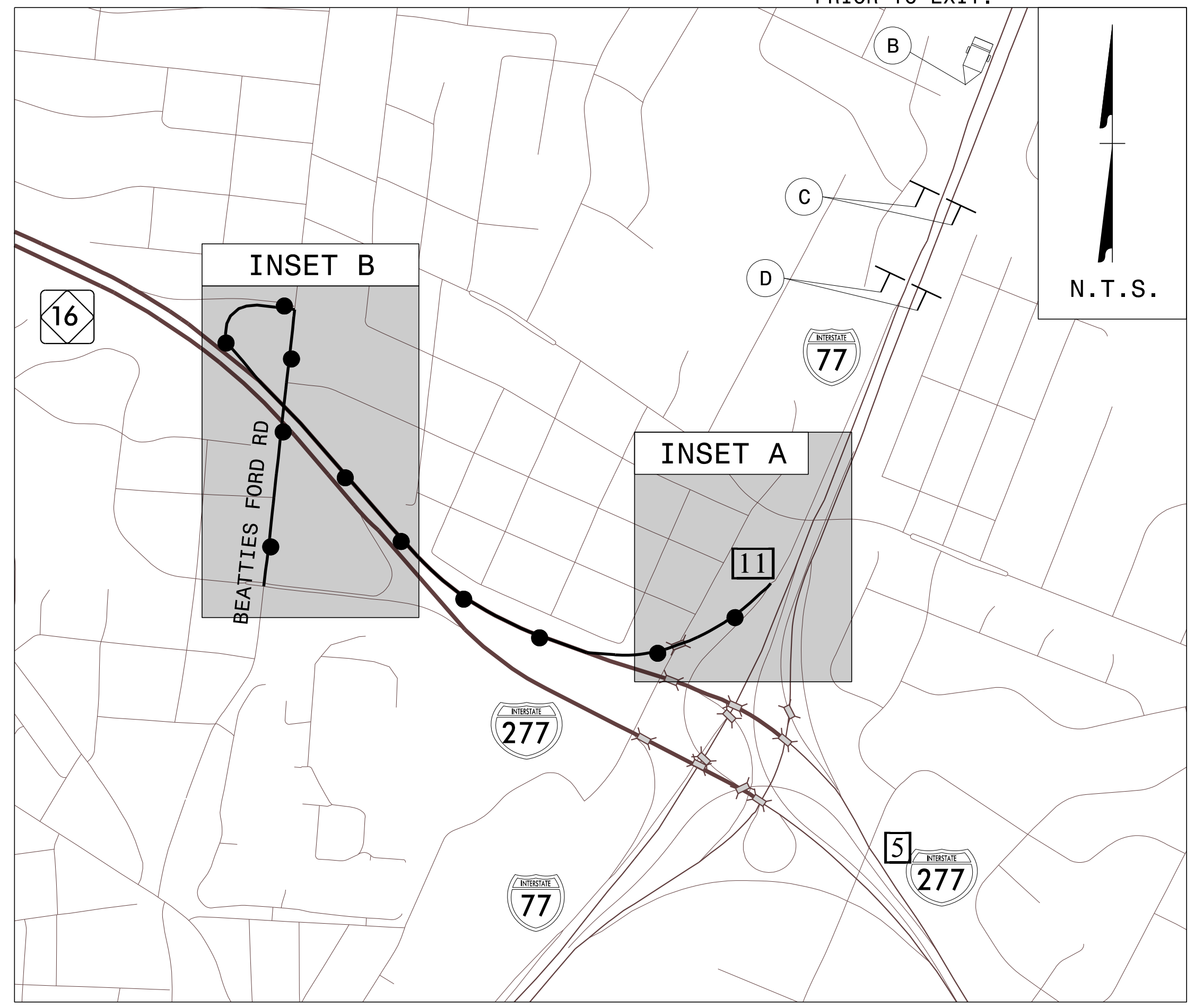
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



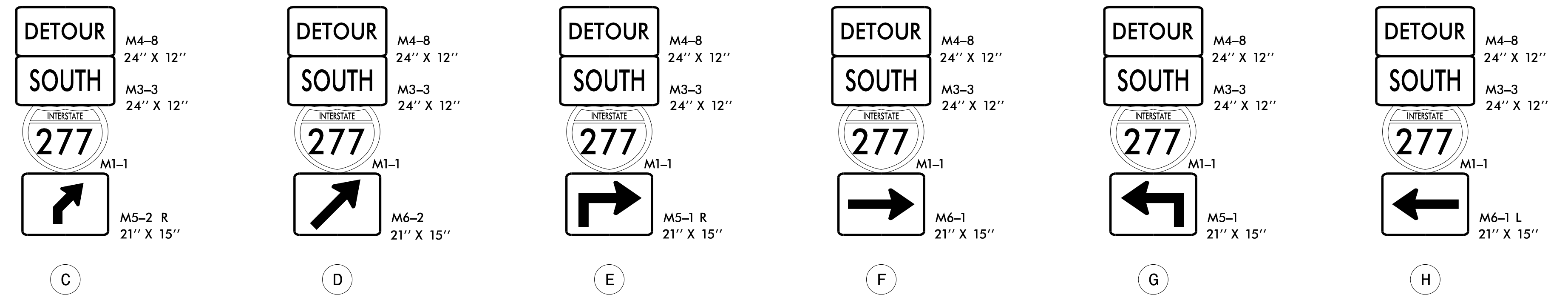
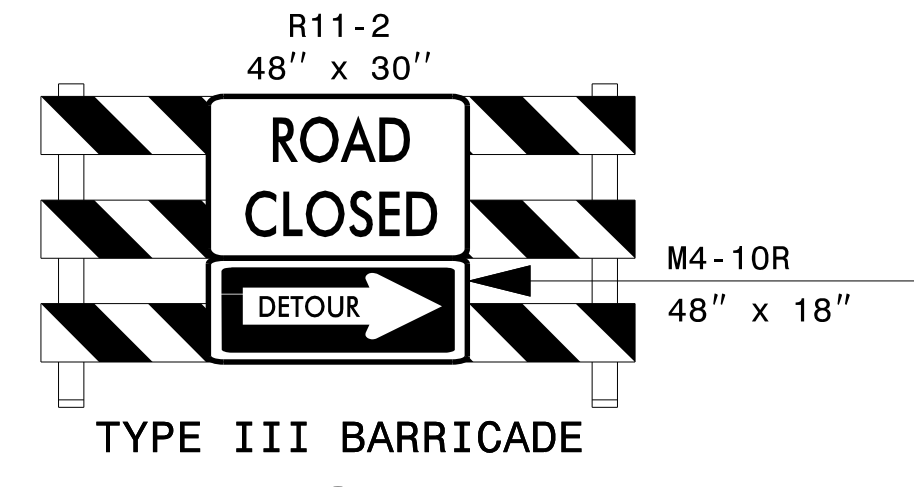
**W. 5TH ST  
 DETOUR**



**\*\* PLACE PCMS 1 MILE PRIOR TO EXIT.**



**\*\* SEE TMP-35 FOR DRUM PLACEMENT TO CLOSE RAMP**



**DETOUR DESCRIPTION:**

SOUTH: I-77 SOUTH TO EXIT 11A 16 NORTH (BROOKSHIRE FRWY WEST) TO BEATTIES FORD ROAD TO NC 16 SOUTH (RAMP 1)

**NOTES:**

1. TRAFFIC CONTROL DEVICES (A) THRU (H) SHALL BE INSTALLED PER ENGINEER'S INSTRUCTIONS.
2. ALL SIGNAGE IS SPACED PER RSD 1101.11 SHEET 4 OF 4, UNLESS OTHERWISE NOTED.
3. USE THIS SHEET IN CONJUNCTION WITH RSD 1101.01 SHEETS 1 THRU 3 OF 3, TMP-3, TMP-6, TMP-26, AND TMP-27.

APPROVED: Jacob H. Duke  
 DATE: 1/25/2023

DocuSigned by:  
 Jacob H. Duke  
 29630C8054E84D9

SEAL  
 043777  
 ENGINEER  
 JACOB H. DUKE



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

**RAMP 3  
 DETOUR B**

1/25/2023  
 I-6052-TC-TMP-RAMP-3B-DETOUR.dgn  
 User: jidebone