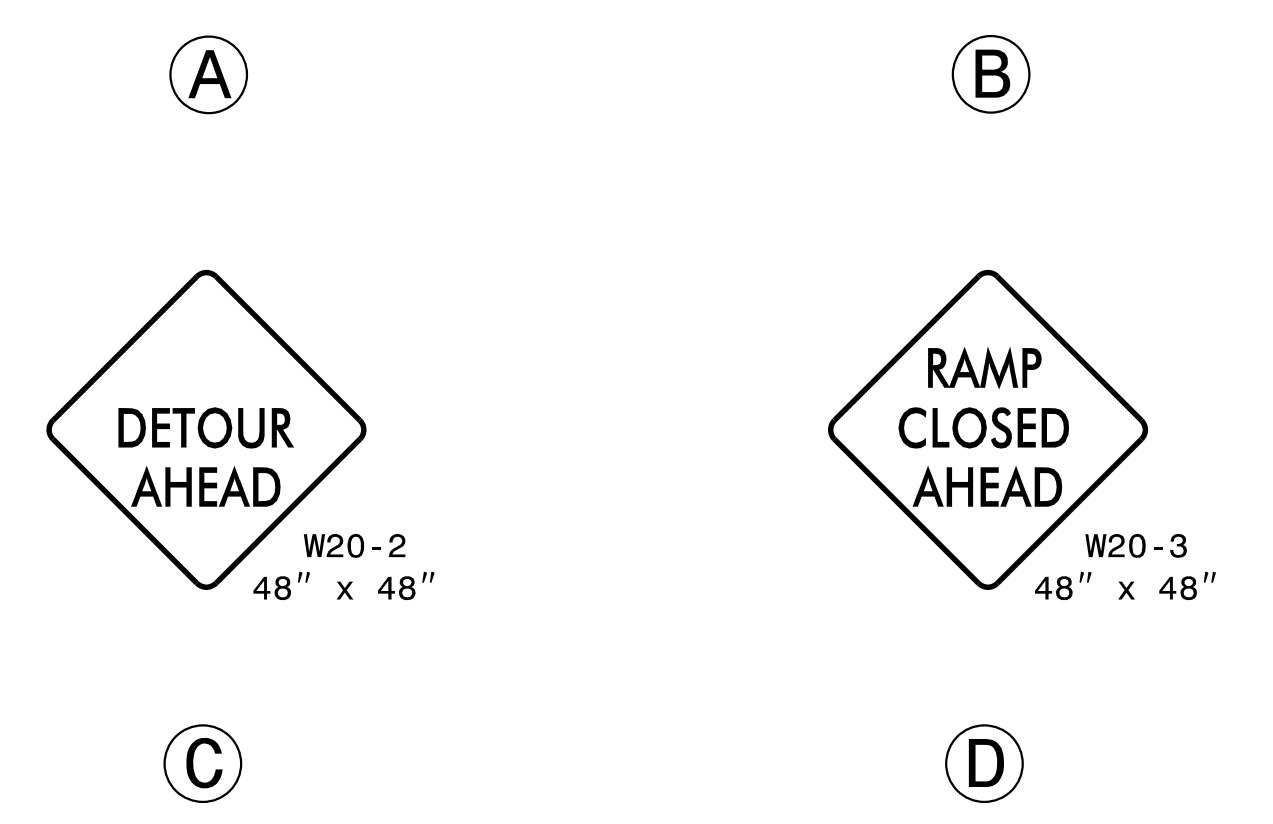
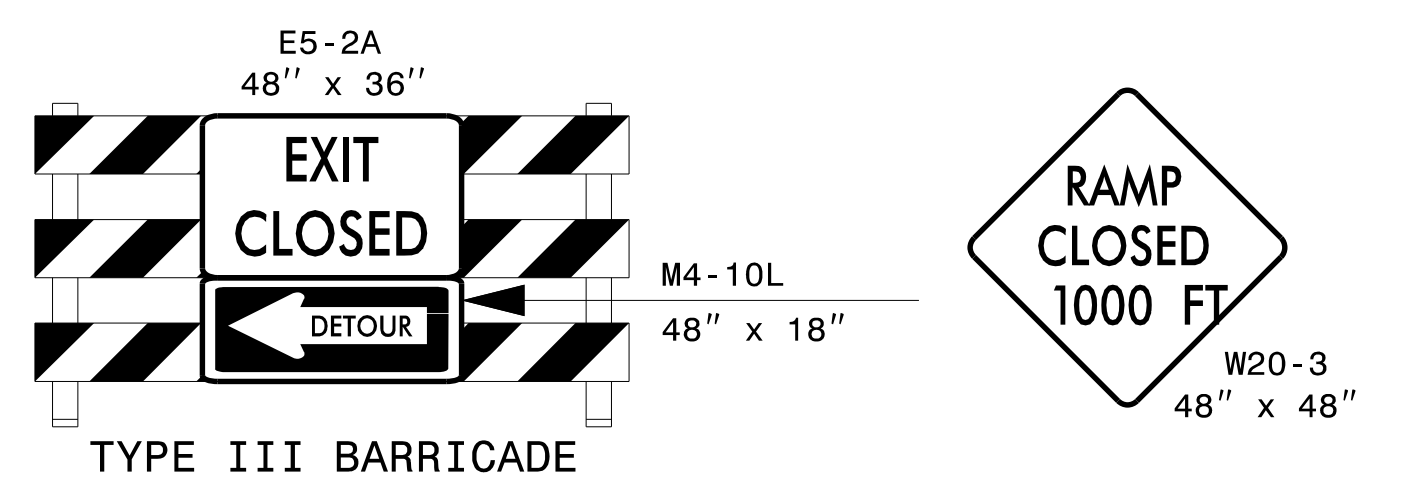


I-277 NB DETOUR ROUTE

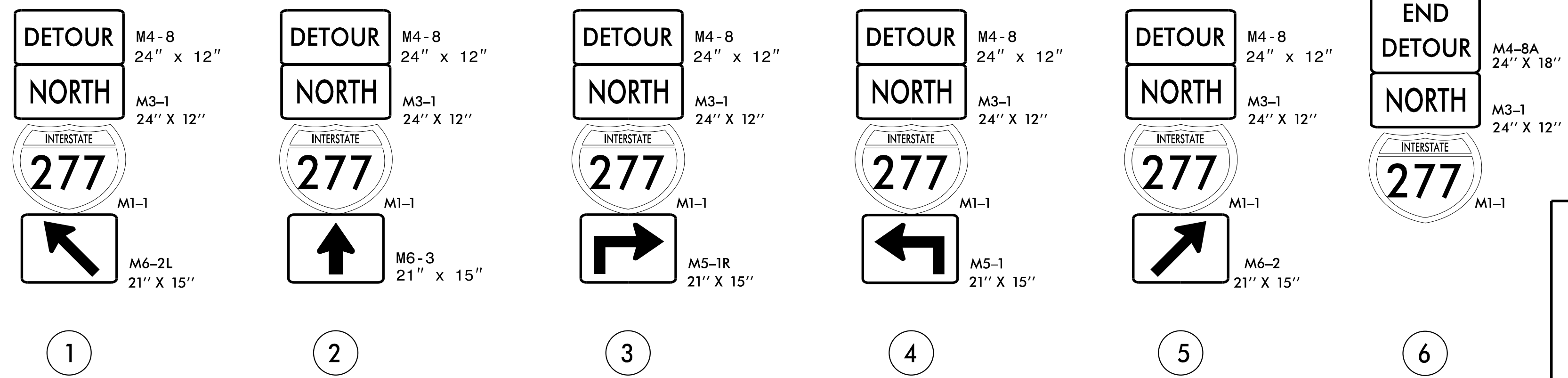


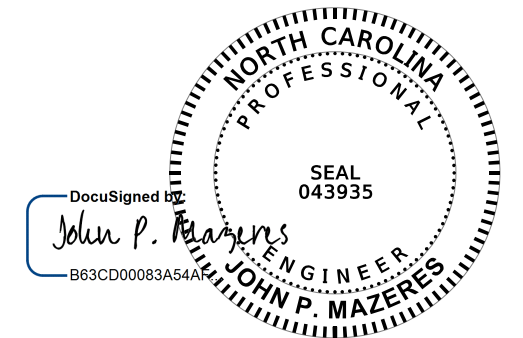
MESSAGE NO. 1	MESSAGE NO. 2
EXIT 242 CLOSED AHEAD	FOLLOW I-277 NB DETOUR
CHANGEABLE MESSAGE SIGN	

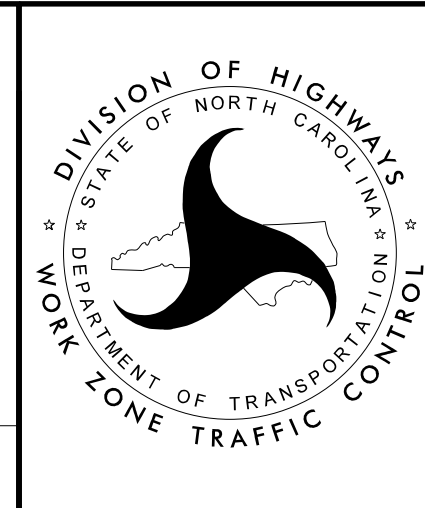
E

DETOUR DESCRIPTION:
 US 74 WB TO EXIT FOR E. 6TH ST. AND S. MCDOWELL ST./NC27 TO E. 6TH ST. TO N. CALDWELL ST. TO I-277 NB ENTRANCE RAMP

NOTES:
 TRAFFIC CONTROL DEVICES ① THRU ⑥ AND ①A THRU ①E SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.

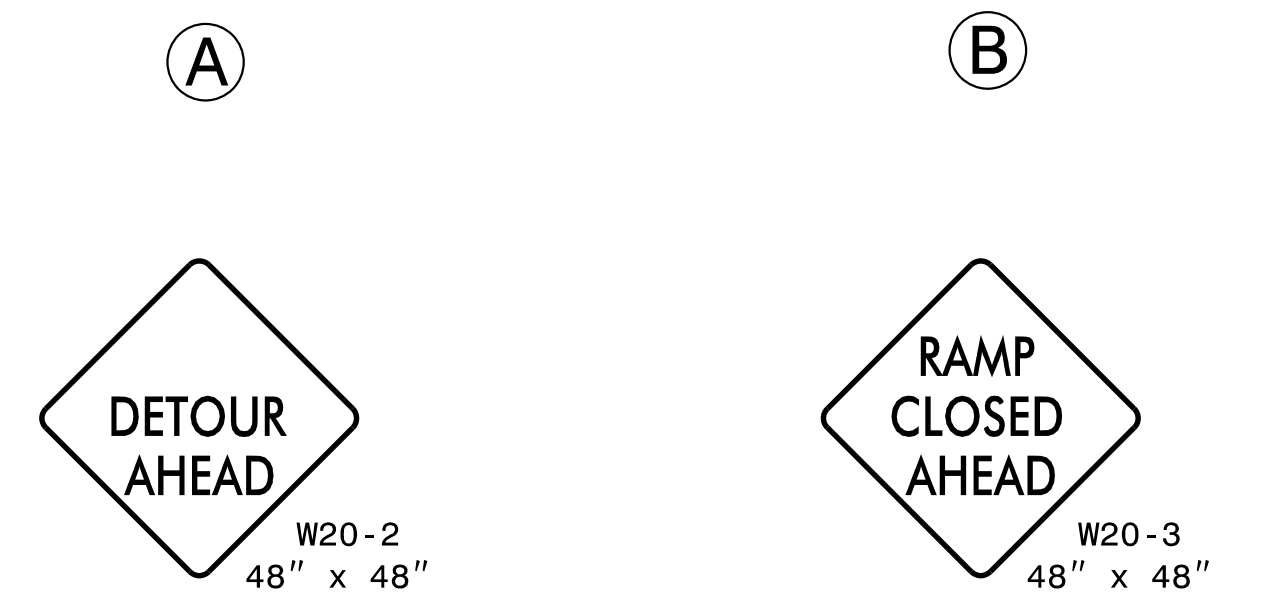
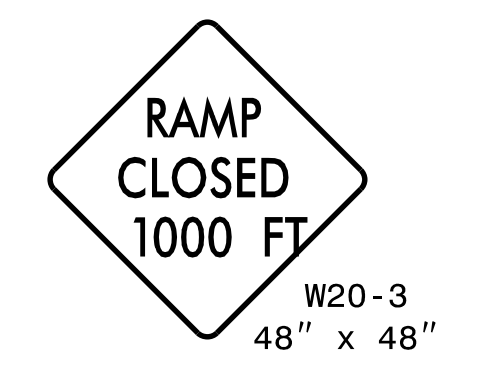
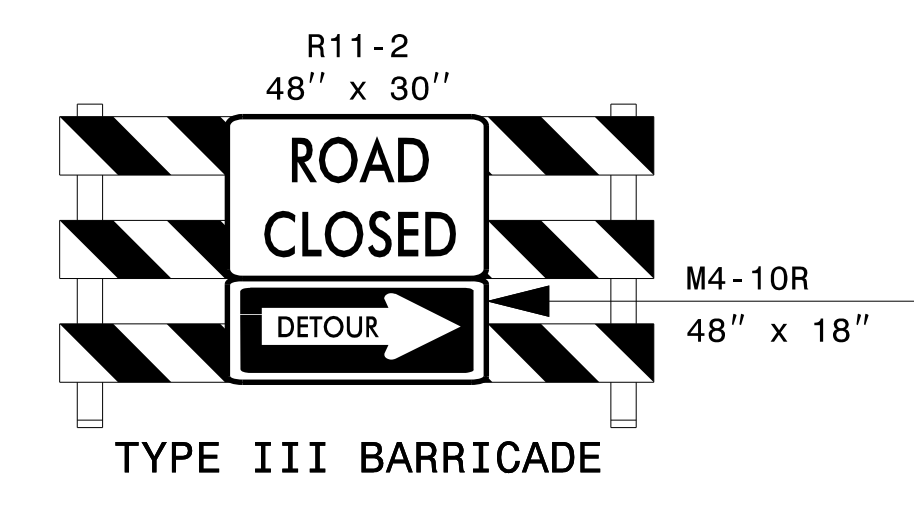
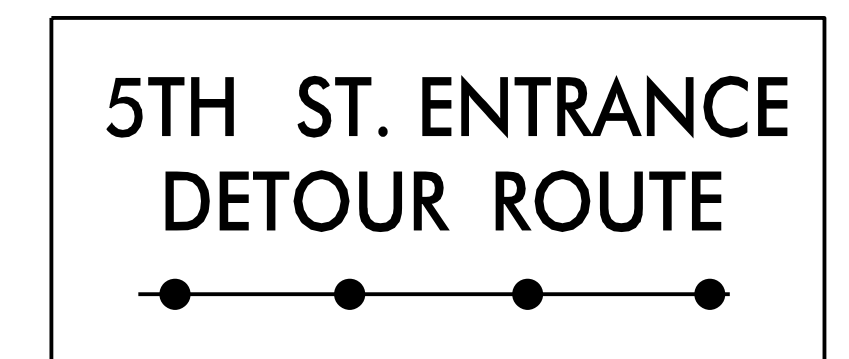
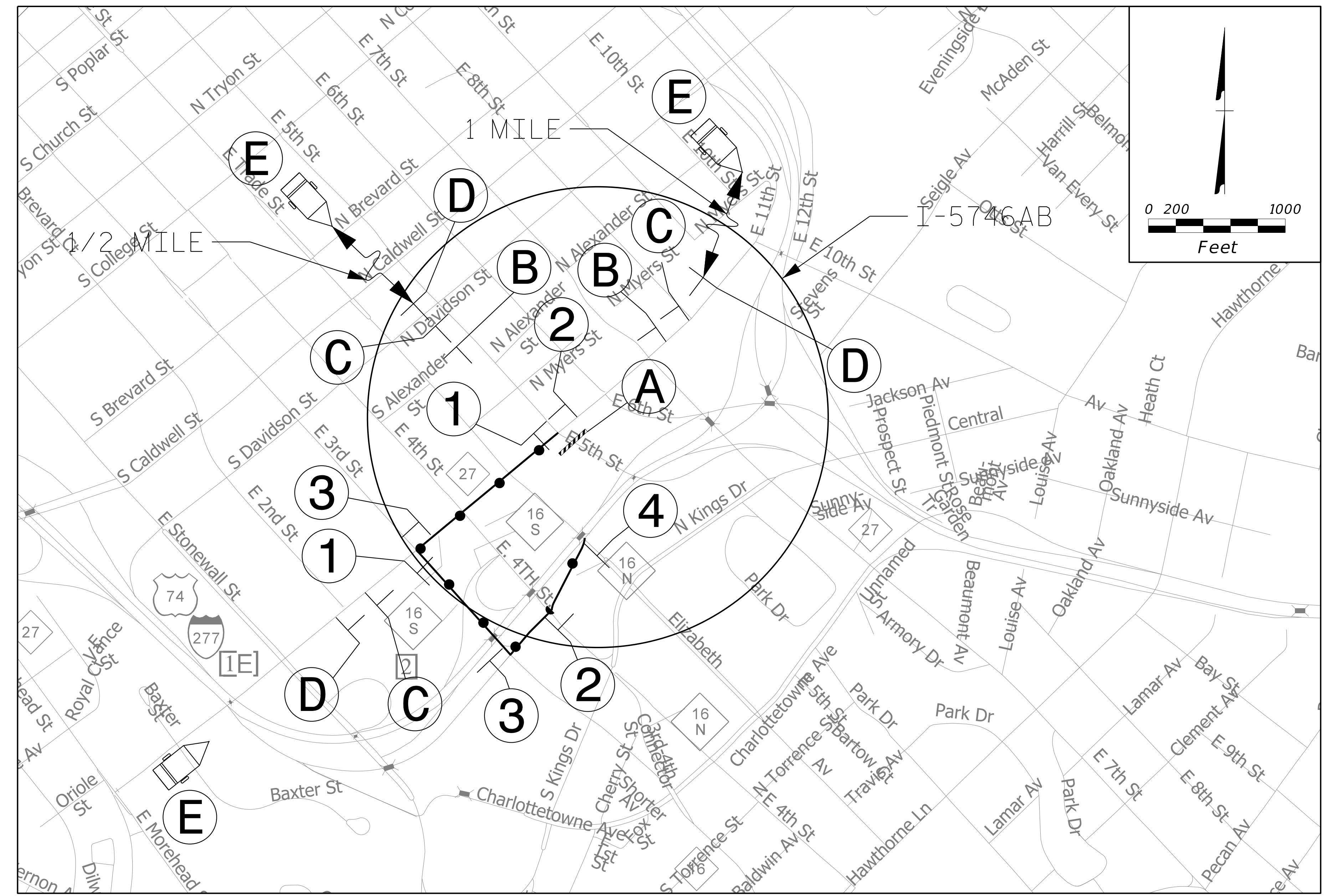



**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**

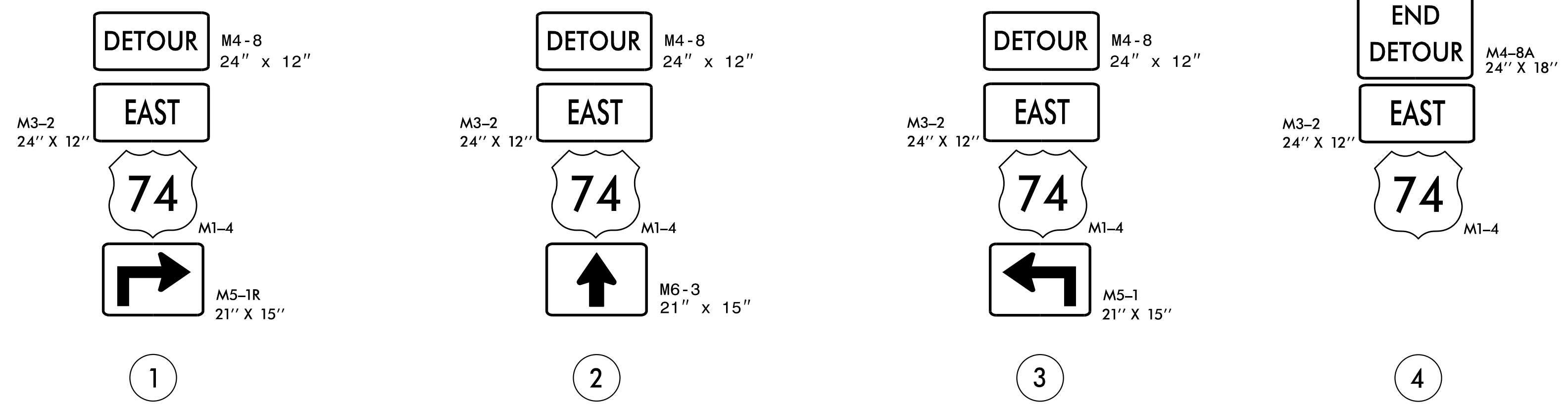


OFFSITE DETOUR 30 SIGNING AND ROAD CLOSURE SIGNING

4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\I-5746AB_TMP38_OFFSITE_DETOUR_30.dgn
 User: jmazeres



MESSAGE NO. 1	MESSAGE NO. 2
US 74 EB ON RAMP CLOSED	FOLLOW US 74 EB DETOUR
CHANGEABLE MESSAGE SIGN	

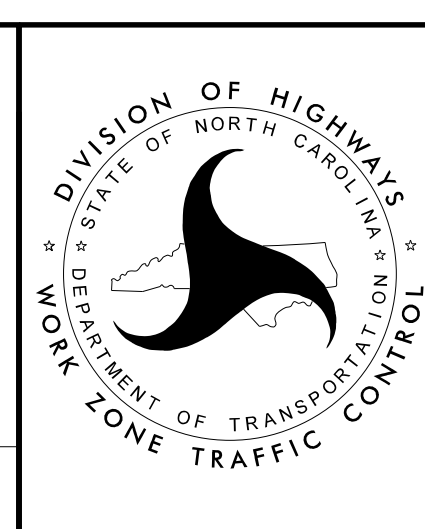
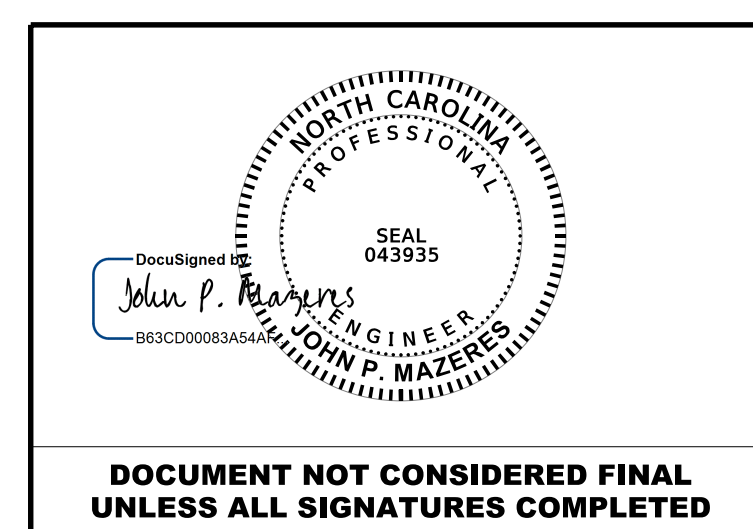


DETOUR DESCRIPTION:

E. 5TH ST. TO S. MCDOWELL ST./NC27 TO E. 3RD ST./NC16 TO I-277 SB ENTRANCE RAMP TO US 74 EB

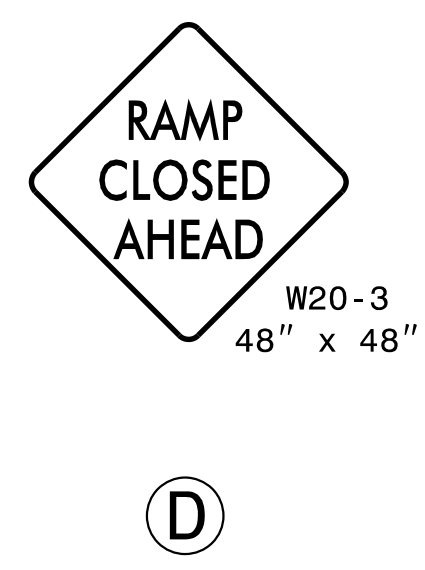
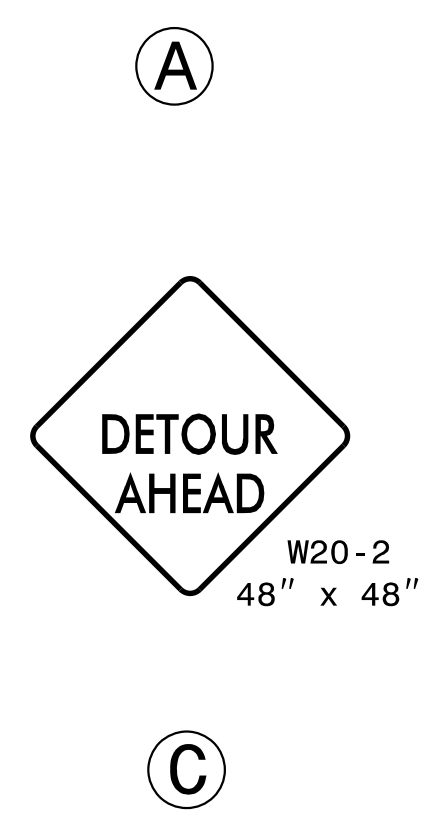
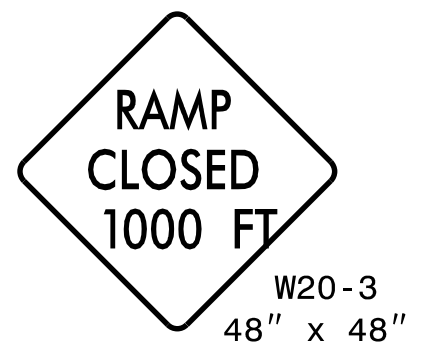
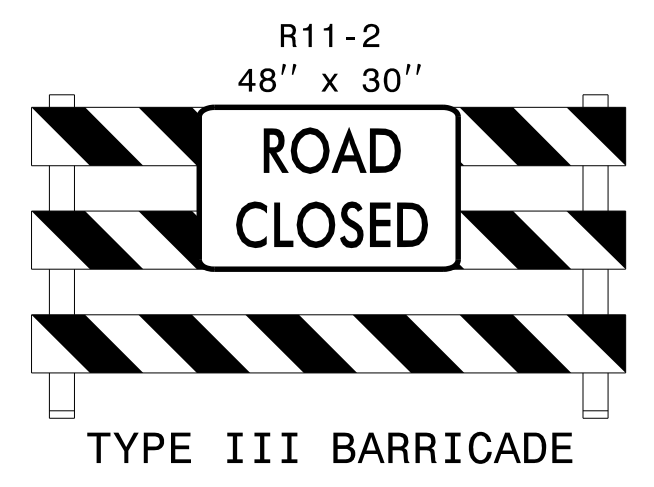
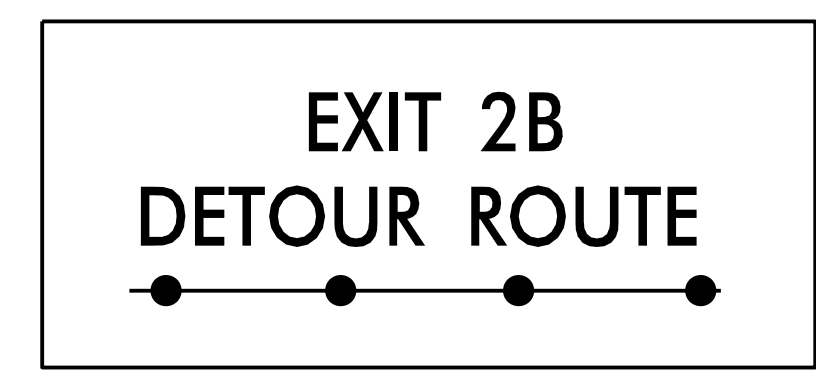
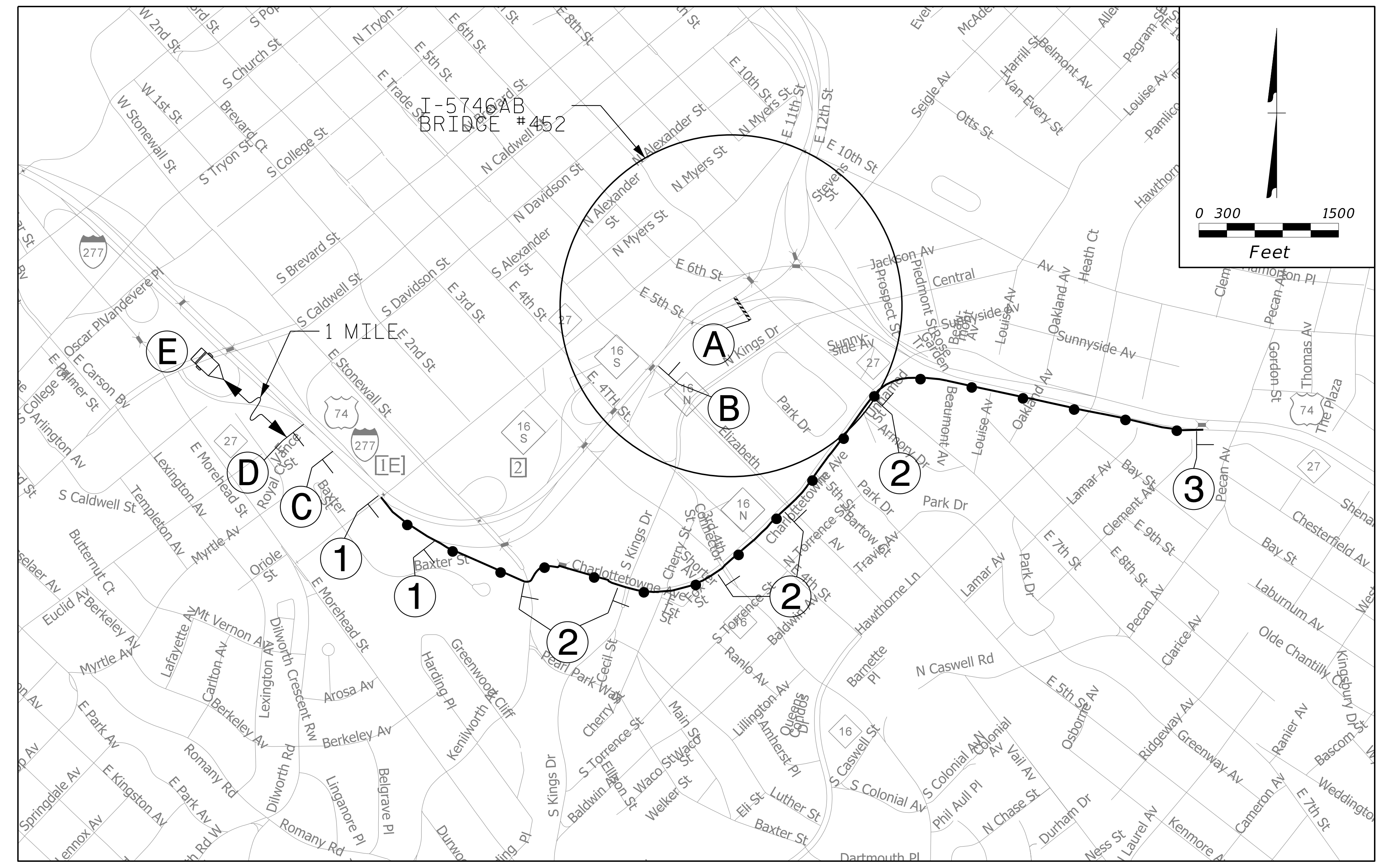
NOTES:

TRAFFIC CONTROL DEVICES ① THRU ④ AND ①A THRU ①E SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.

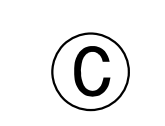


**OFFSITE DETOUR 31A
SIGNING AND ROAD
CLOSURE SIGNING**

4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TOP\200_07_I5746AB_TMP39_OFFSITE DETOUR 31A.dgn
 User: jmazeres



MESSAGE NO. 1	MESSAGE NO. 2
EXIT 2B CLOSED AHEAD	FOLLOW US 74 EB DETOUR
CHANGEABLE MESSAGE SIGN	

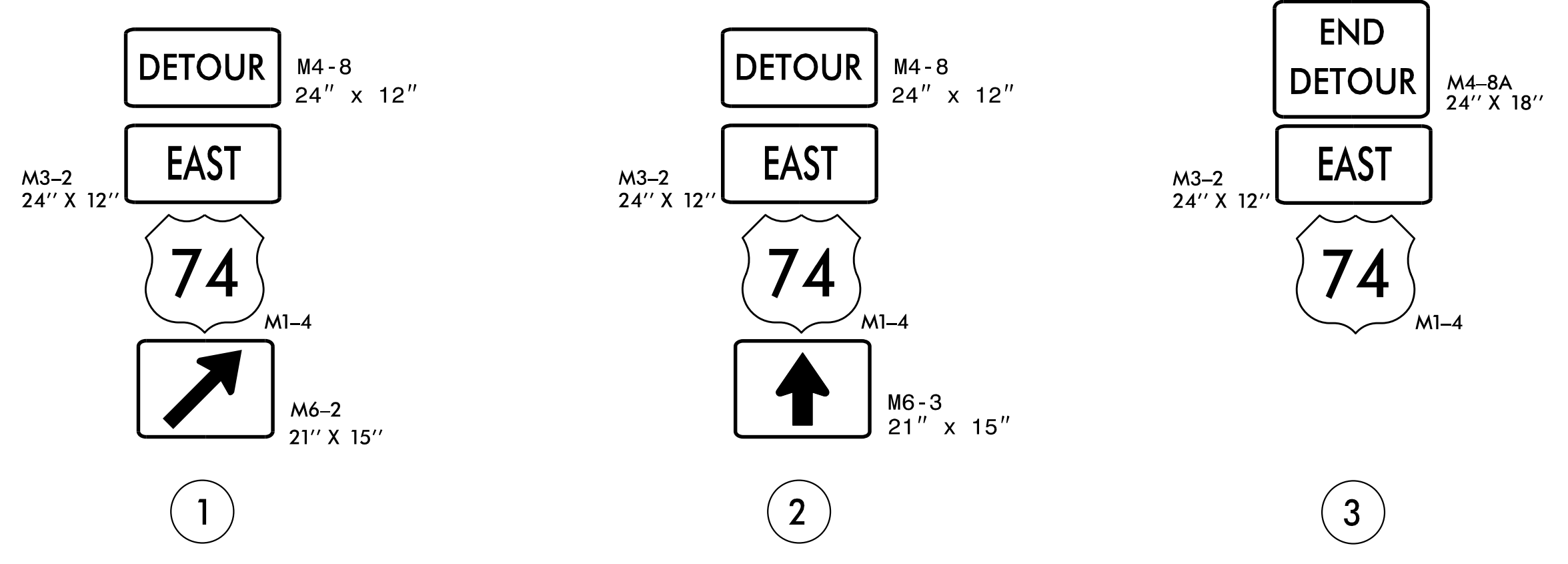


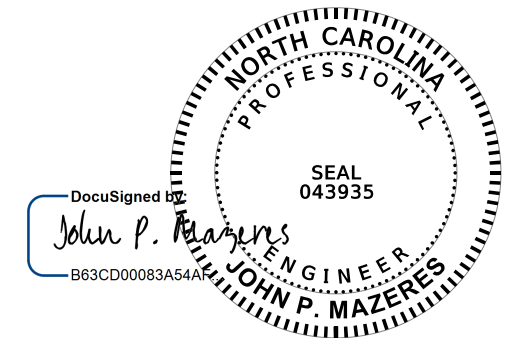
DETOUR DESCRIPTION:

I-277 NB EXIT 2A TO KENILWORTH AVE. TO CHARLOTTETOWNE AVE.
TO US 74 EB ENTRANCE RAMP


NOTES:

TRAFFIC CONTROL DEVICES ① THRU ③ AND ④ THRU ⑤ SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.



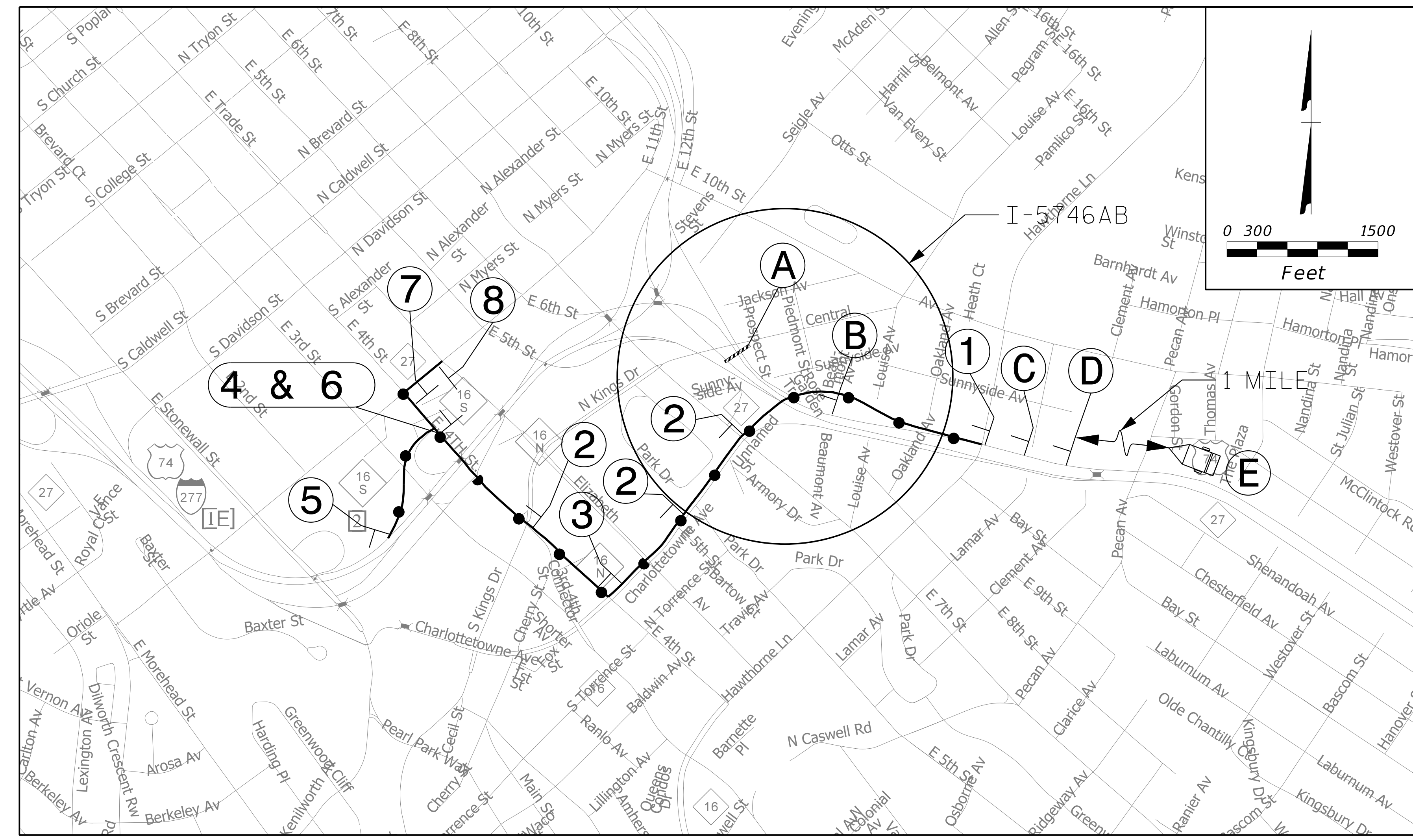
DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 NO. 043935

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

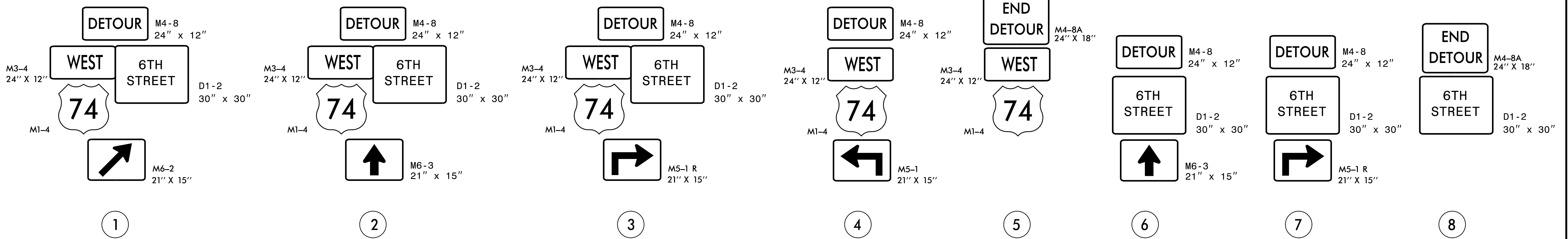
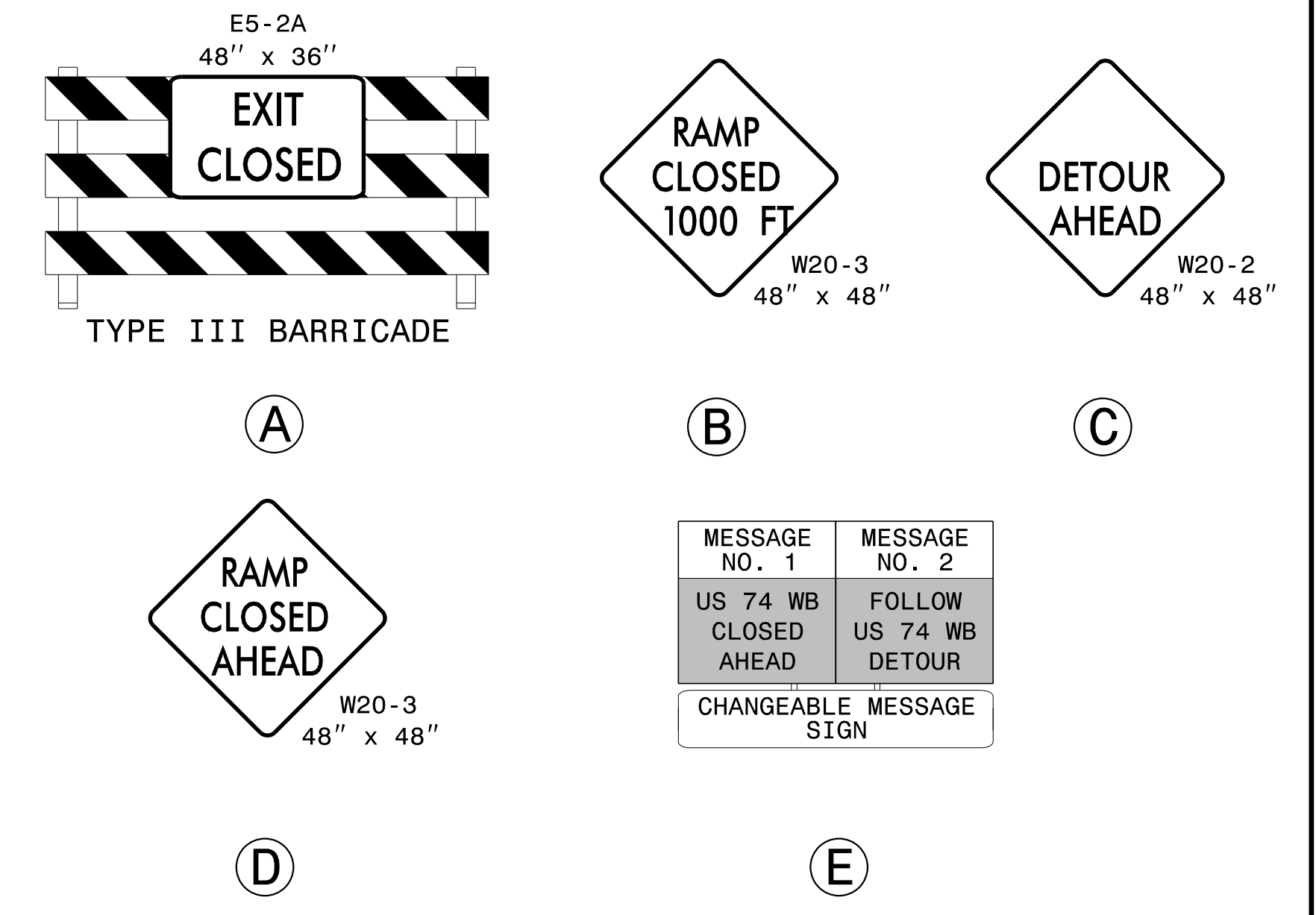


**OFFSITE DETOUR 31B
SIGNING AND ROAD
CLOSURE SIGNING**

4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TIP40_OFFSITE DETOUR 31B.dgn
 User: jmazeres



**US 74 WB & E. 6TH ST.
DETOUR ROUTE**

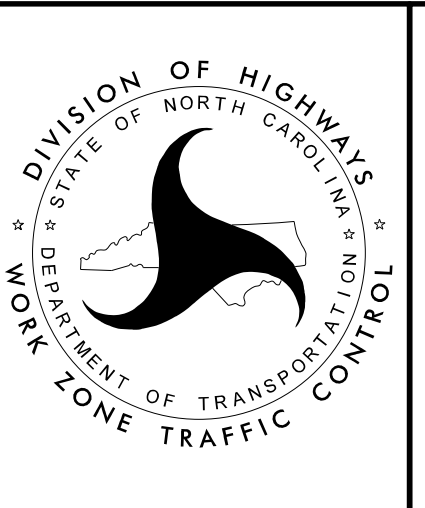
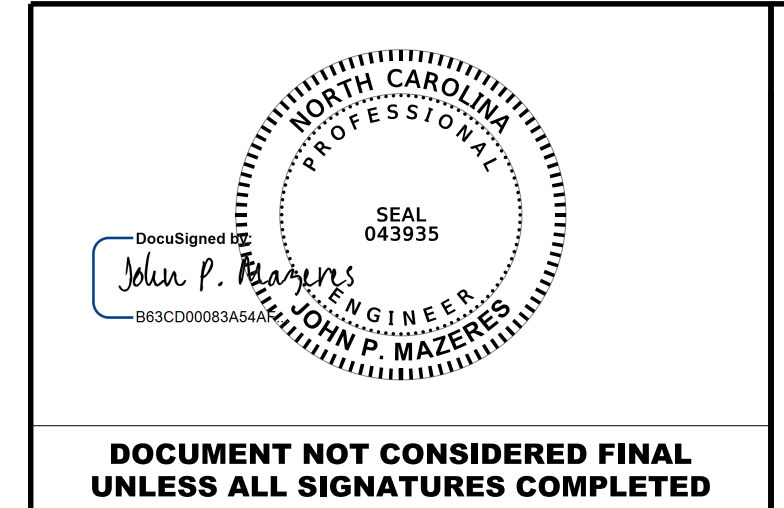


DETOUR DESCRIPTION:

US 74 WB: US 74 WB EXIT 243 TO CHARLOTTETOWNE AVE. TO E. 4TH ST./NC16 TO I-277 SB ENTRANCE RAMP
 E. SIXTH ST.: US 74 WB EXIT 243 TO CHARLOTTETOWNE AVE. TO E. 4TH ST./NC16 TO S. MCDOWELL ST./NC27 TO E. 6TH ST.

NOTES:

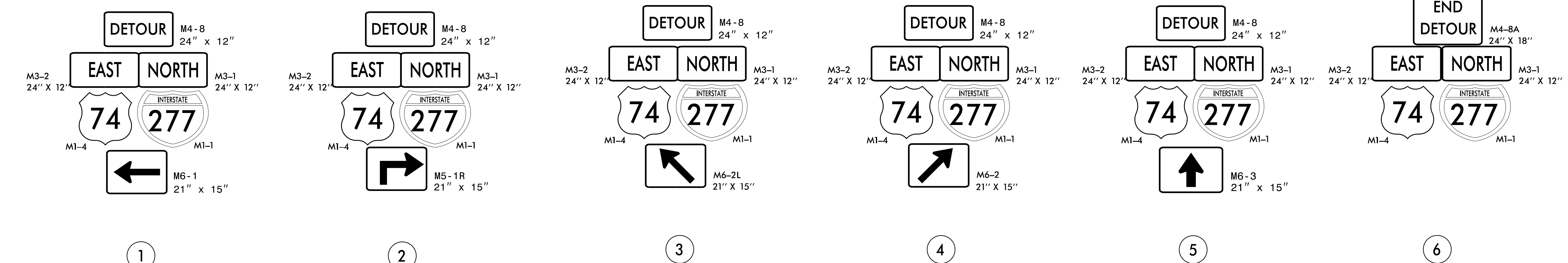
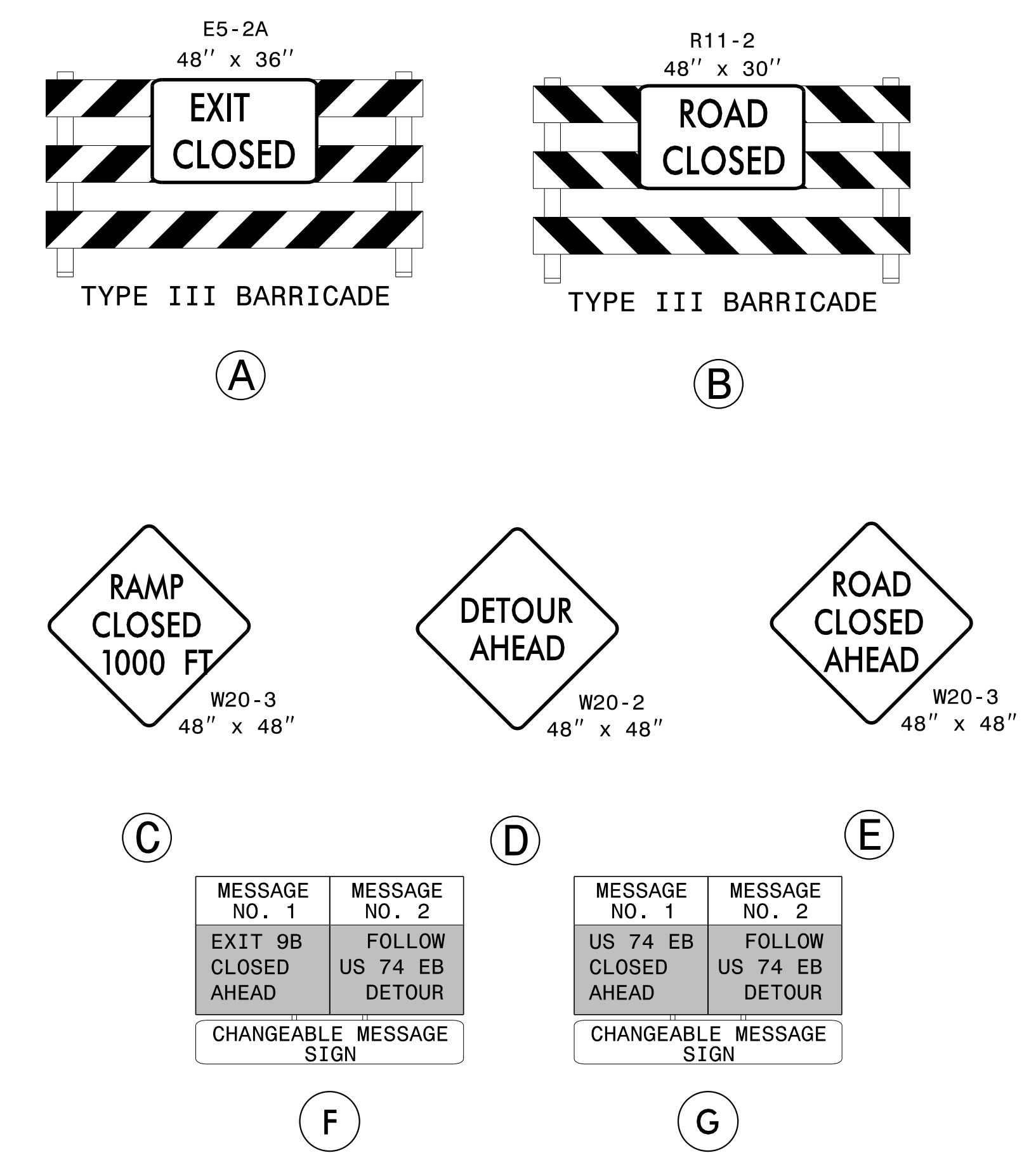
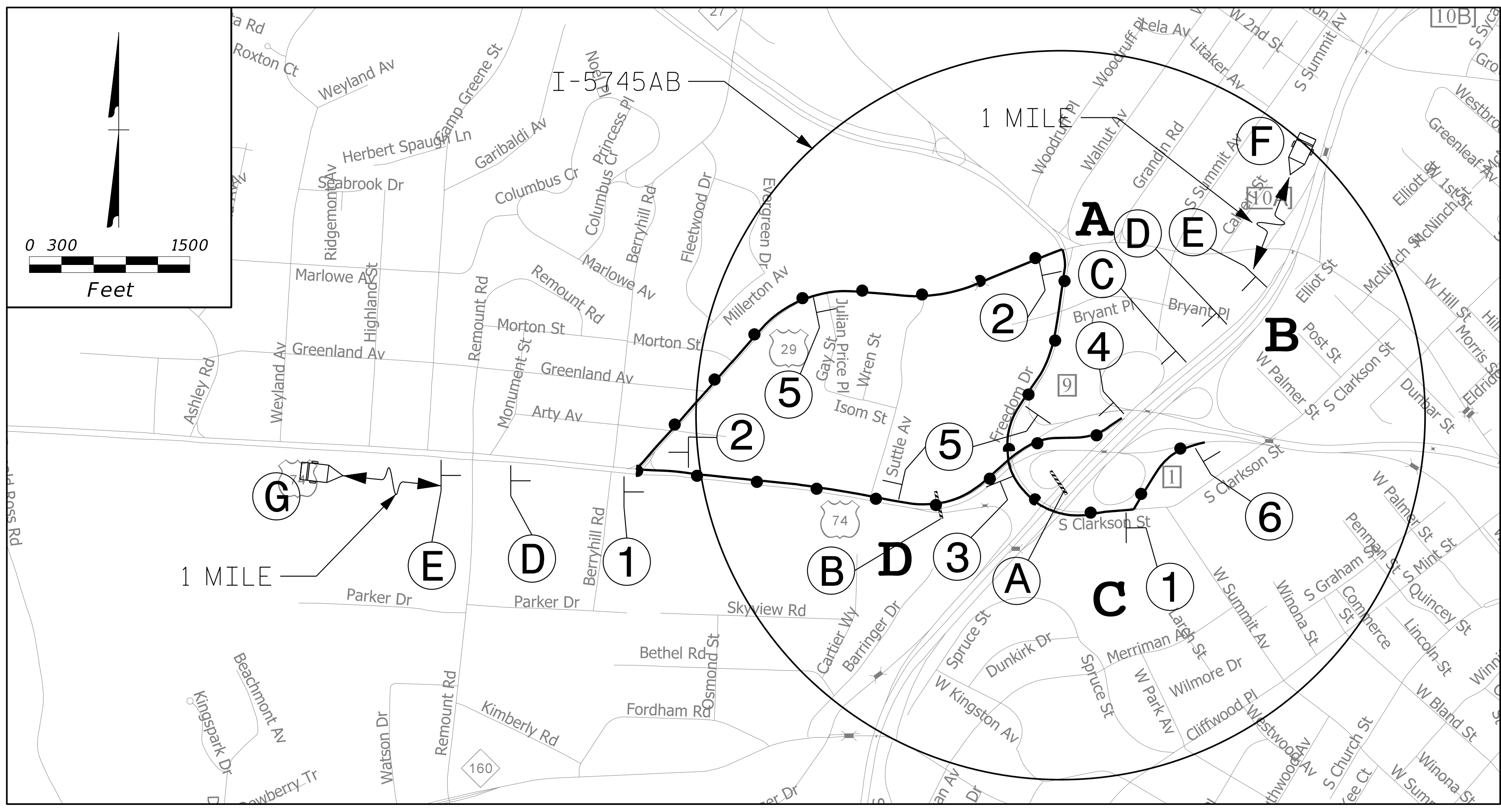
TRAFFIC CONTROL DEVICES ① THRU ⑧ AND ①A THRU ①E SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.



**OFFSITE DETOUR 32
SIGNING AND ROAD
CLOSURE SIGNING**

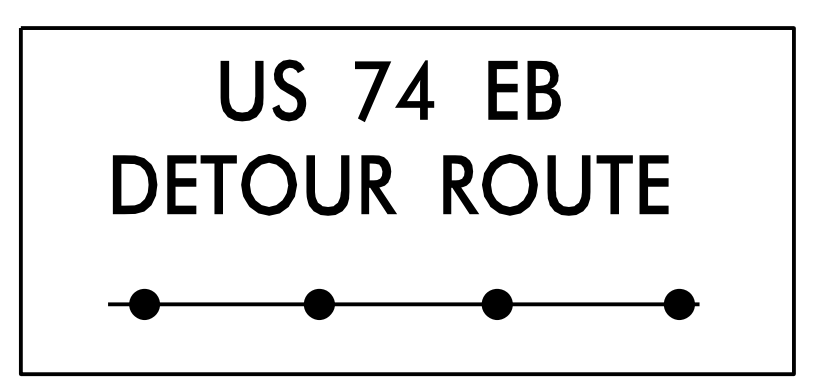
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**

4/24/2017 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TIP\I-5746AB_TMP41\OFFSITE DETOUR 32.dgn User:jmazer



INTERCHANGE QUADRANT DESIGNATIONS:

- A** - NORTH-WEST QUADRANT
- B** - NORTH-EAST QUADRANT
- C** - SOUTH-EAST QUADRANT
- D** - SOUTH-WEST QUADRANT

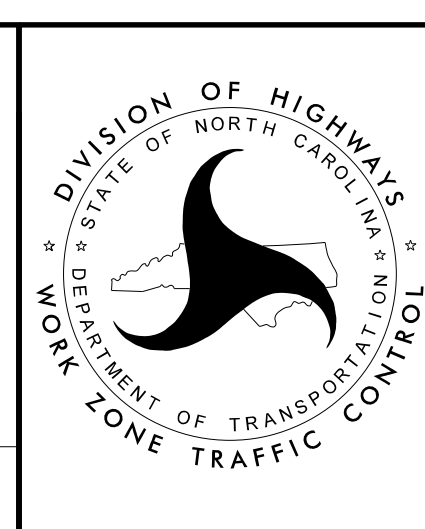
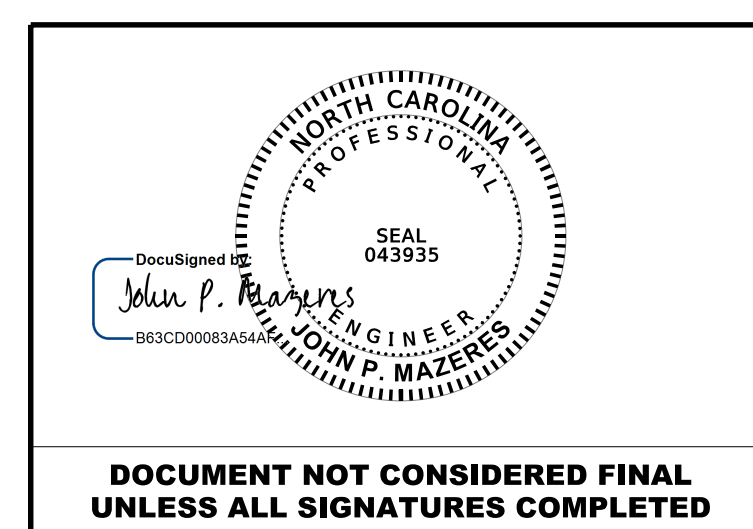


DETOUR DESCRIPTION:

US 74 EB AND I-77 SB EXIT 9C TO US 29 TO FREEDOM DR./NC27 TO S. CLARKSON ST. TO US 74 EB ENTRANCE RAMP

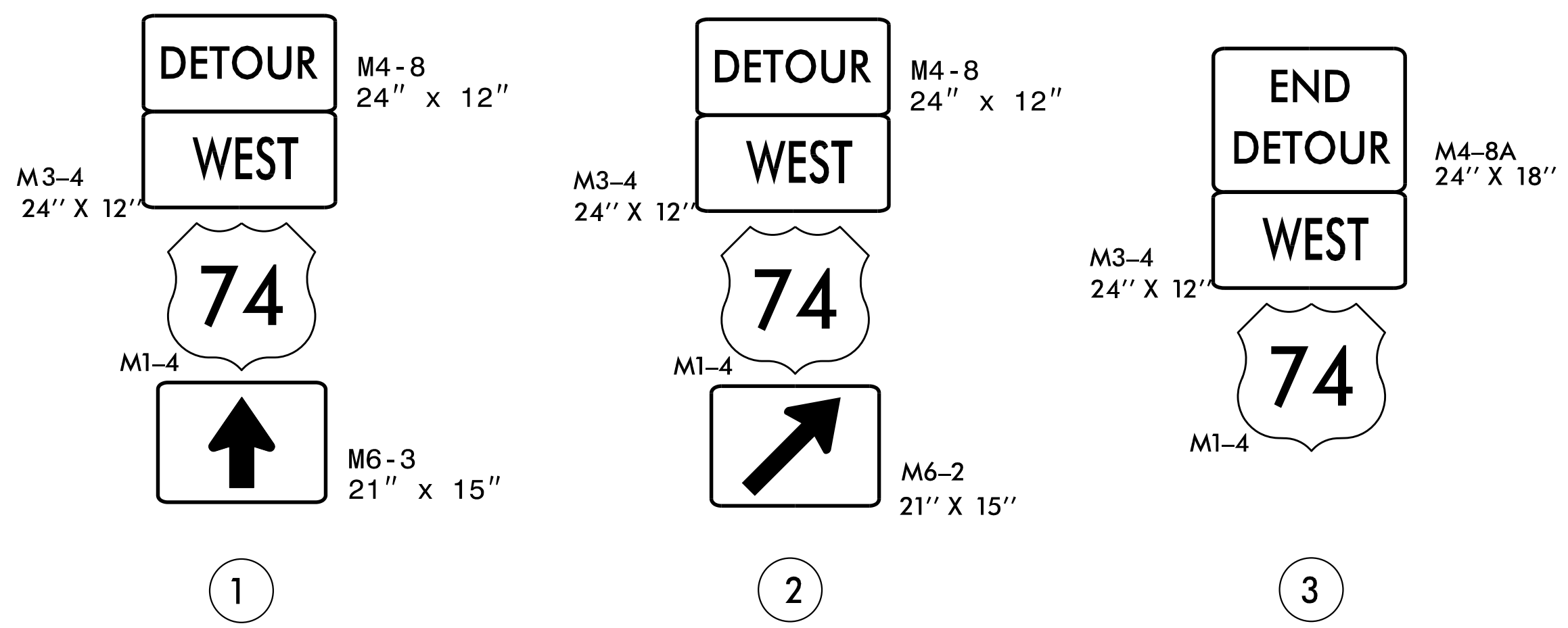
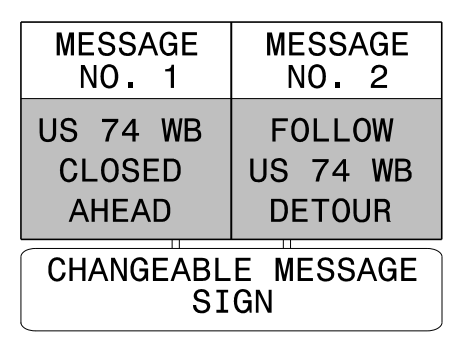
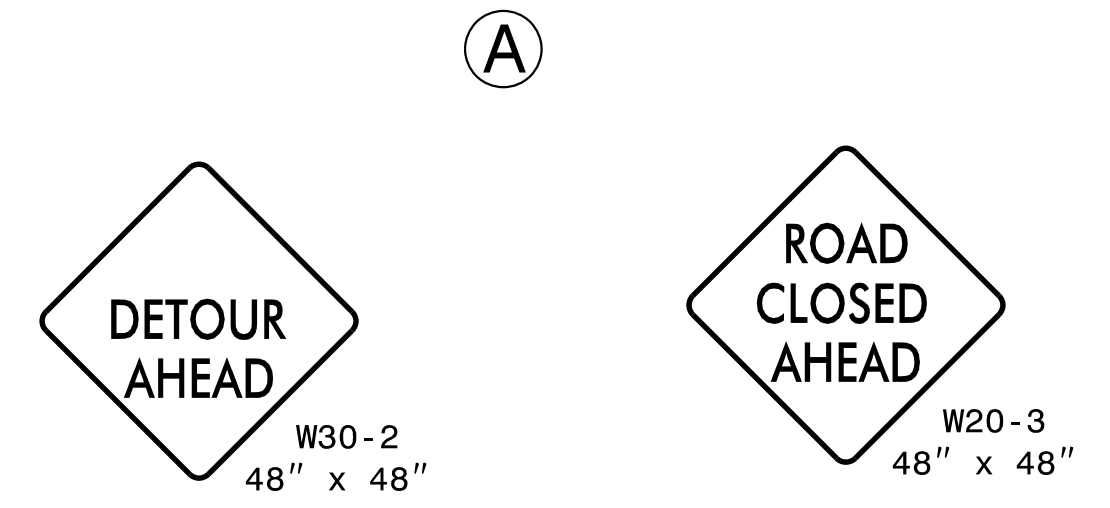
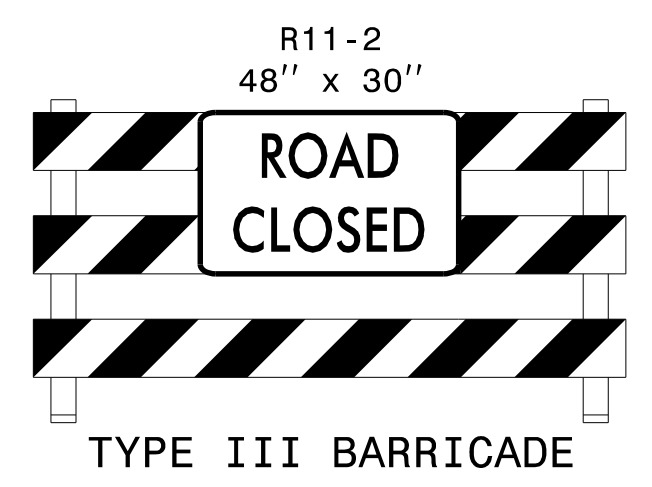
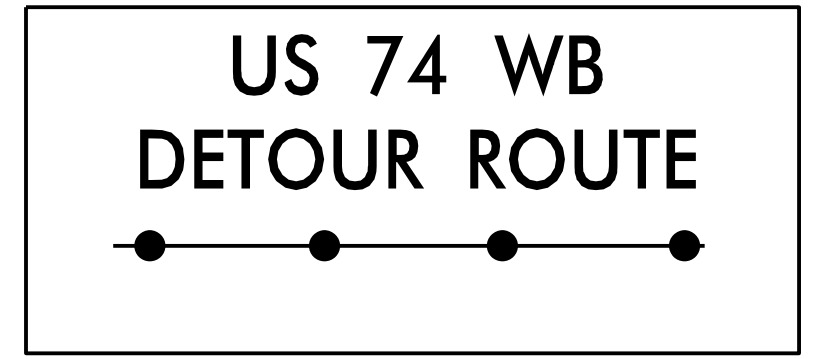
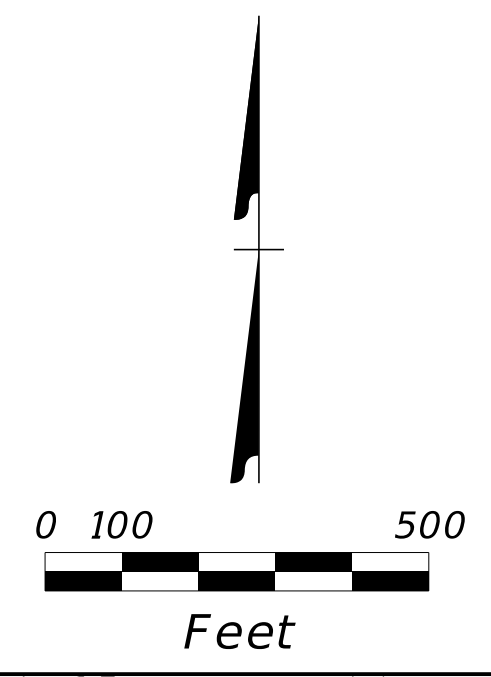
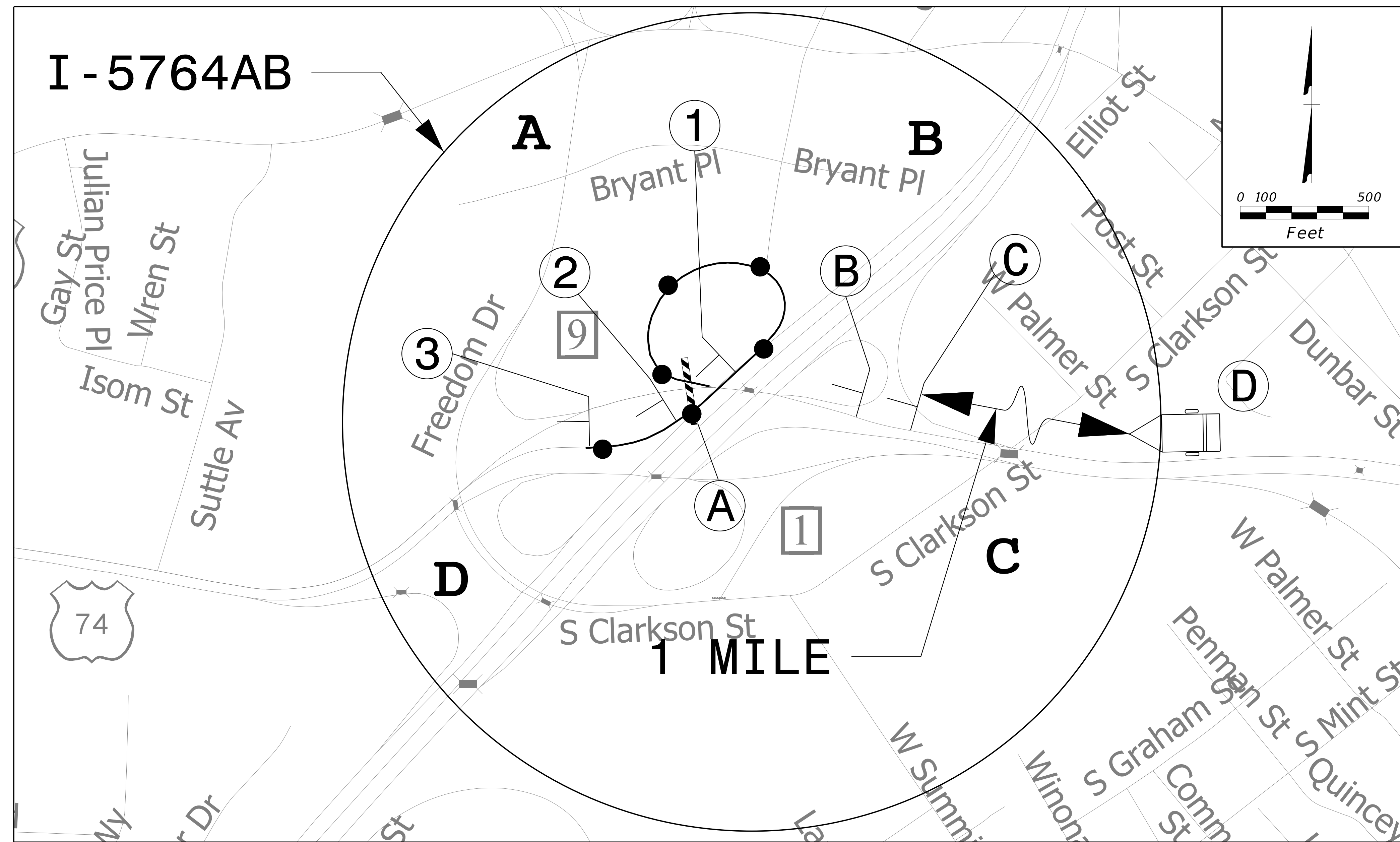
NOTES:

TRAFFIC CONTROL DEVICES ① THRU ⑥ AND ①A THRU ①C SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.



OFFSITE DETOUR
US 74 EB WEST
OF BRIDGE #44
SIGNING AND ROAD
CLOSURE SIGNING

4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TIP\200_07_I5746AB_TMP42_OFFSITE DETOUR US 74 EB BRIDGE #44.dgn
 User: jmazeres



INTERCHANGE QUADRANT DESIGNATIONS:

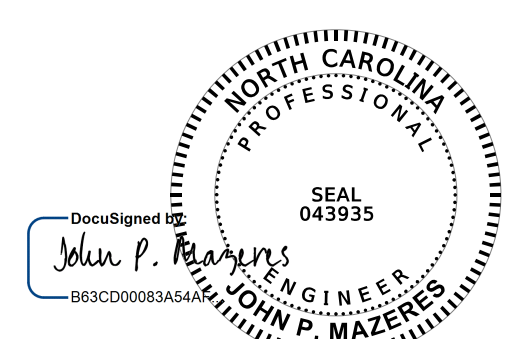
- A** - NORTH-WEST QUADRANT
- B** - NORTH-EAST QUADRANT
- C** - SOUTH-EAST QUADRANT
- D** - SOUTH-WEST QUADRANT

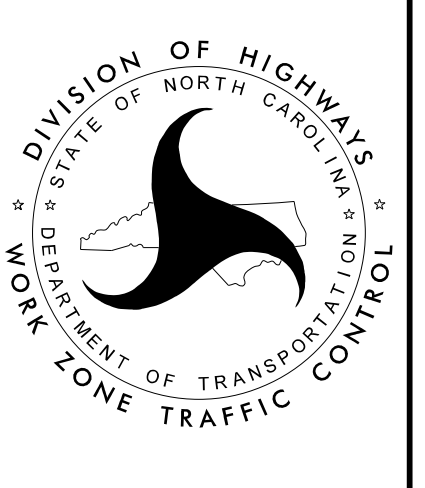
DETOUR DESCRIPTION:

US 74 WB EXIT 1B, LOOP A TO I-77 SB TO I-77 EXIT 9C TO US 74 WB

NOTES:

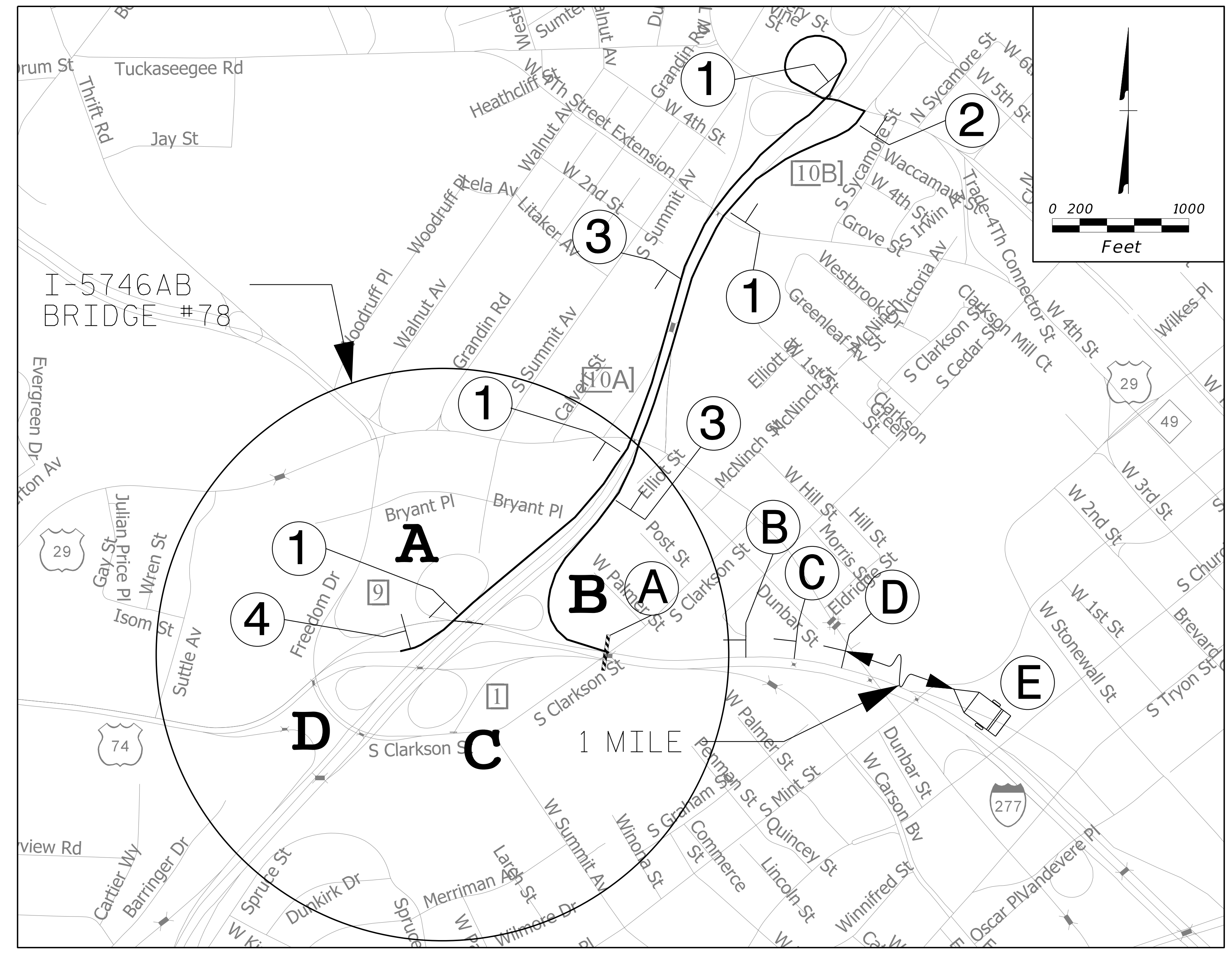
TRAFFIC CONTROL DEVICES ① THRU ③ AND ④ THRU ⑥ SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.

DocuSigned by:

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



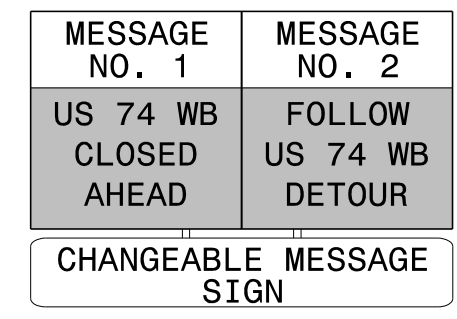
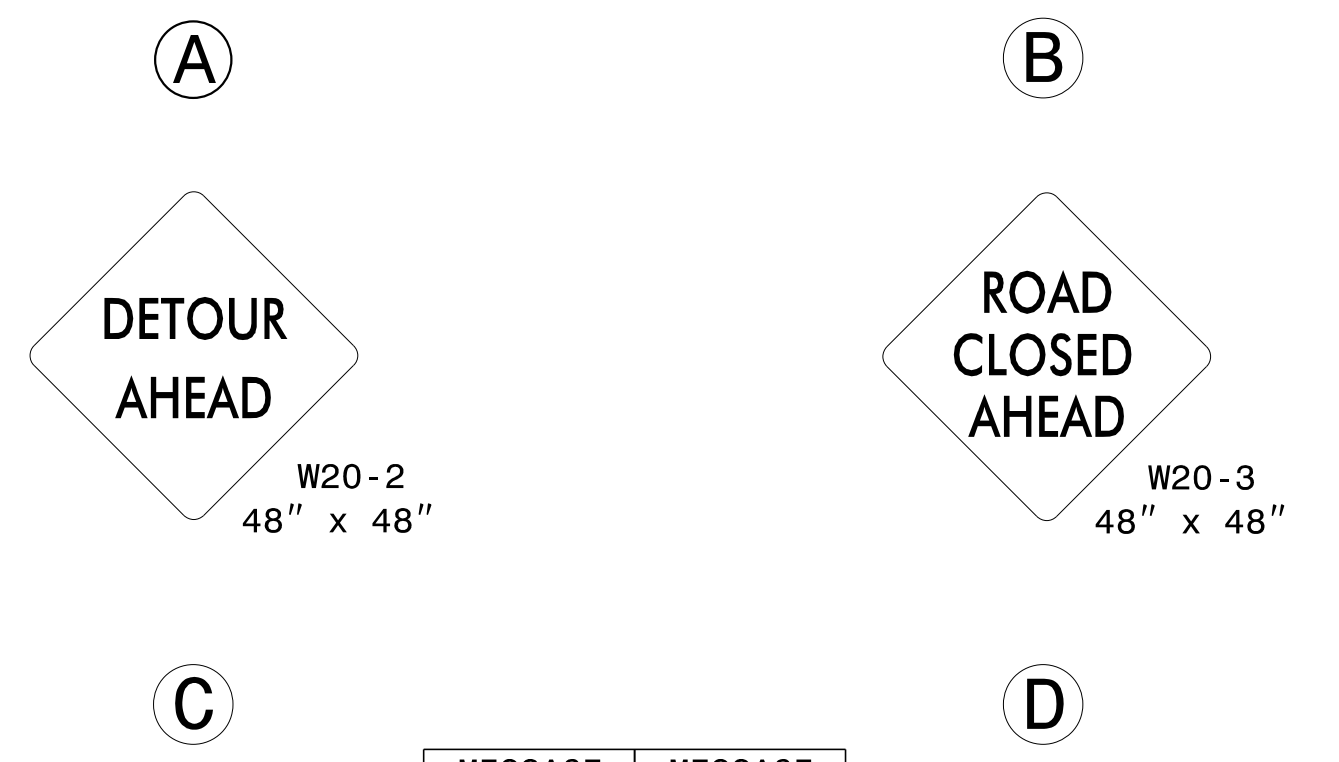
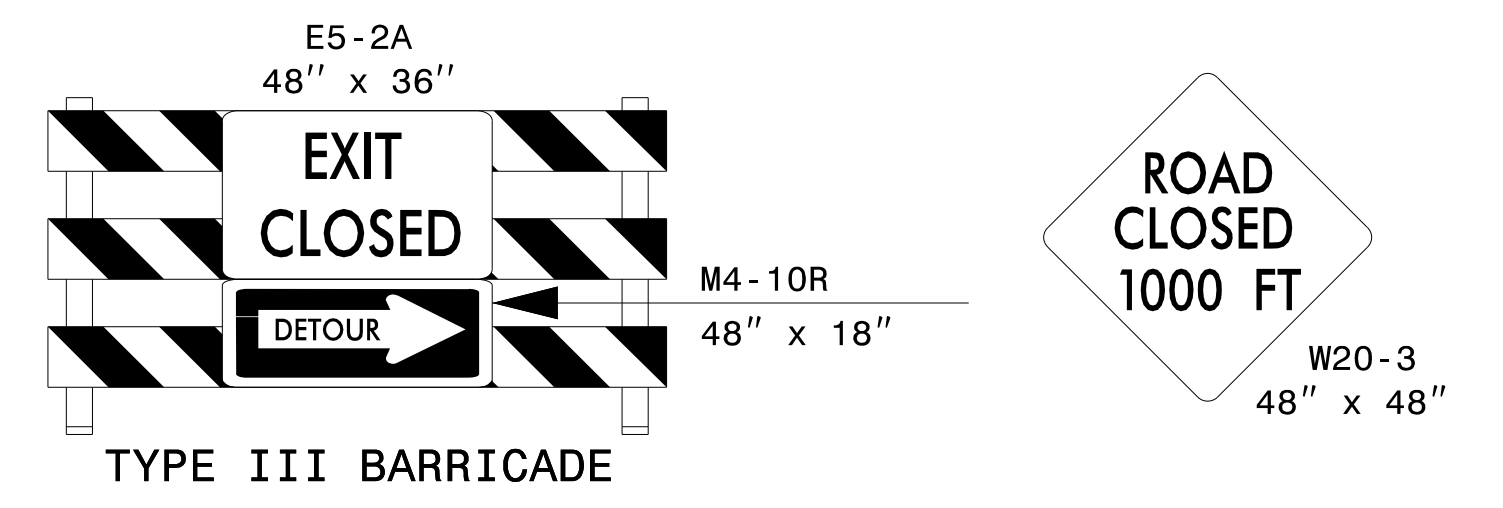
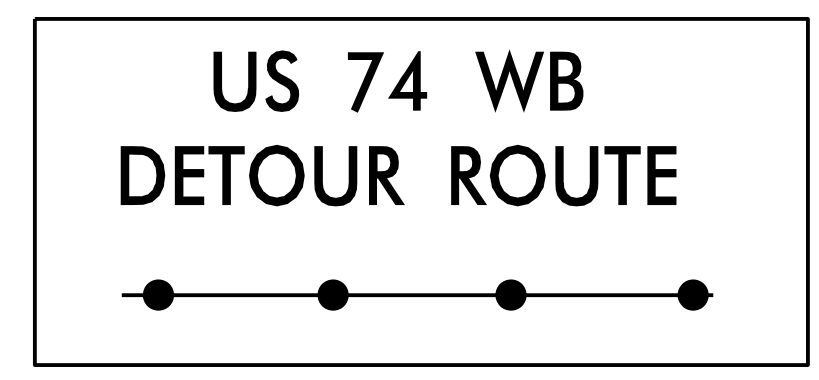
**OFFSITE DETOUR
 US 74 WB WEST
 OF BRIDGE #48
 SIGNING AND ROAD
 CLOSURE SIGNING**

4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\I-5746AB_TMP43_OFFSITE DETOUR US 74 WB BRIDGE #48.dgn
 User: jmazeres



INTERCHANGE QUADRANT DESIGNATIONS:

- A** - NORTH-WEST QUADRANT
- B** - NORTH-EAST QUADRANT
- C** - SOUTH-EAST QUADRANT
- D** - SOUTH-WEST QUADRANT

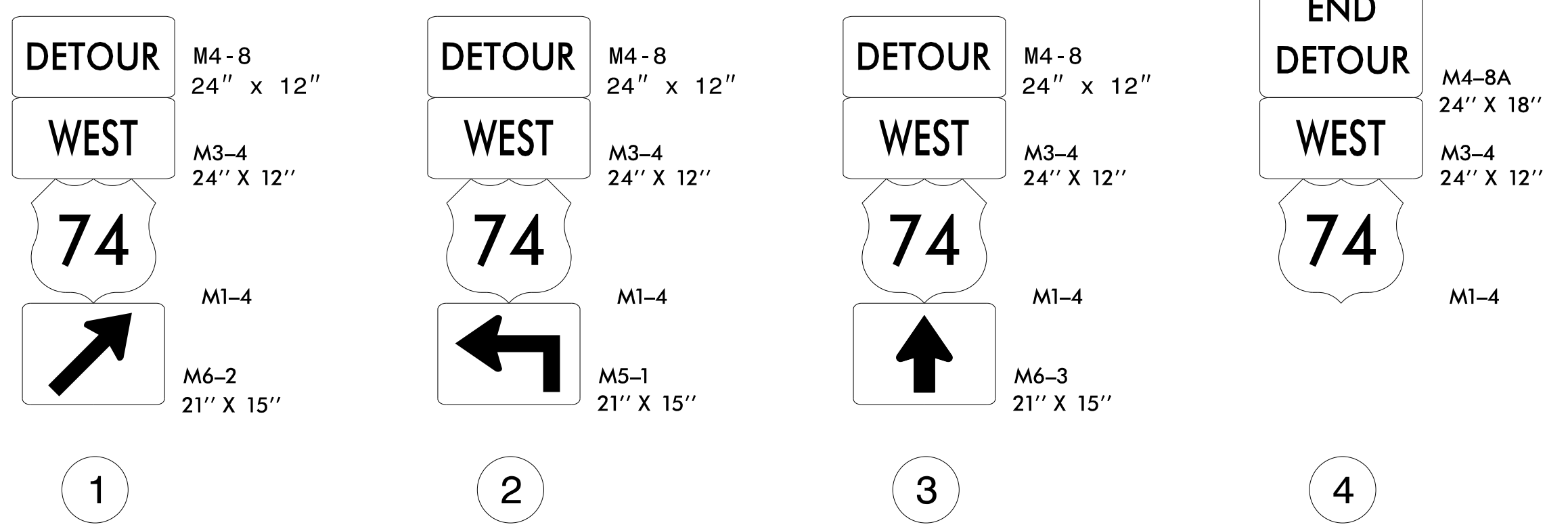


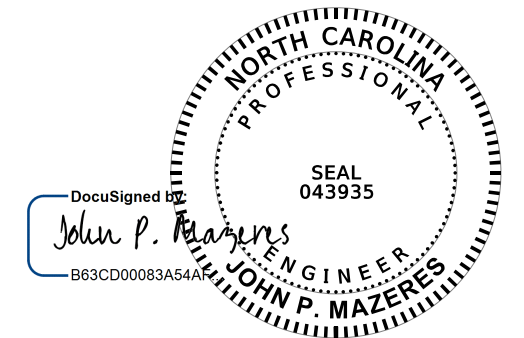
DETOUR DESCRIPTION:

US 74 WB EXIT 1C, TO I-77 NB TO EXIT 10 TO W. TRADE STREET TO I-77 SB ENTRANCE RAMP TO I-77 SB EXIT 9C TO US 74 WB

NOTES:

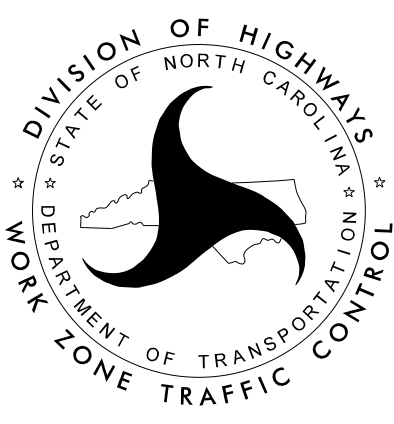
TRAFFIC CONTROL DEVICES ① THRU ④ AND ① THRU ⑤ SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.



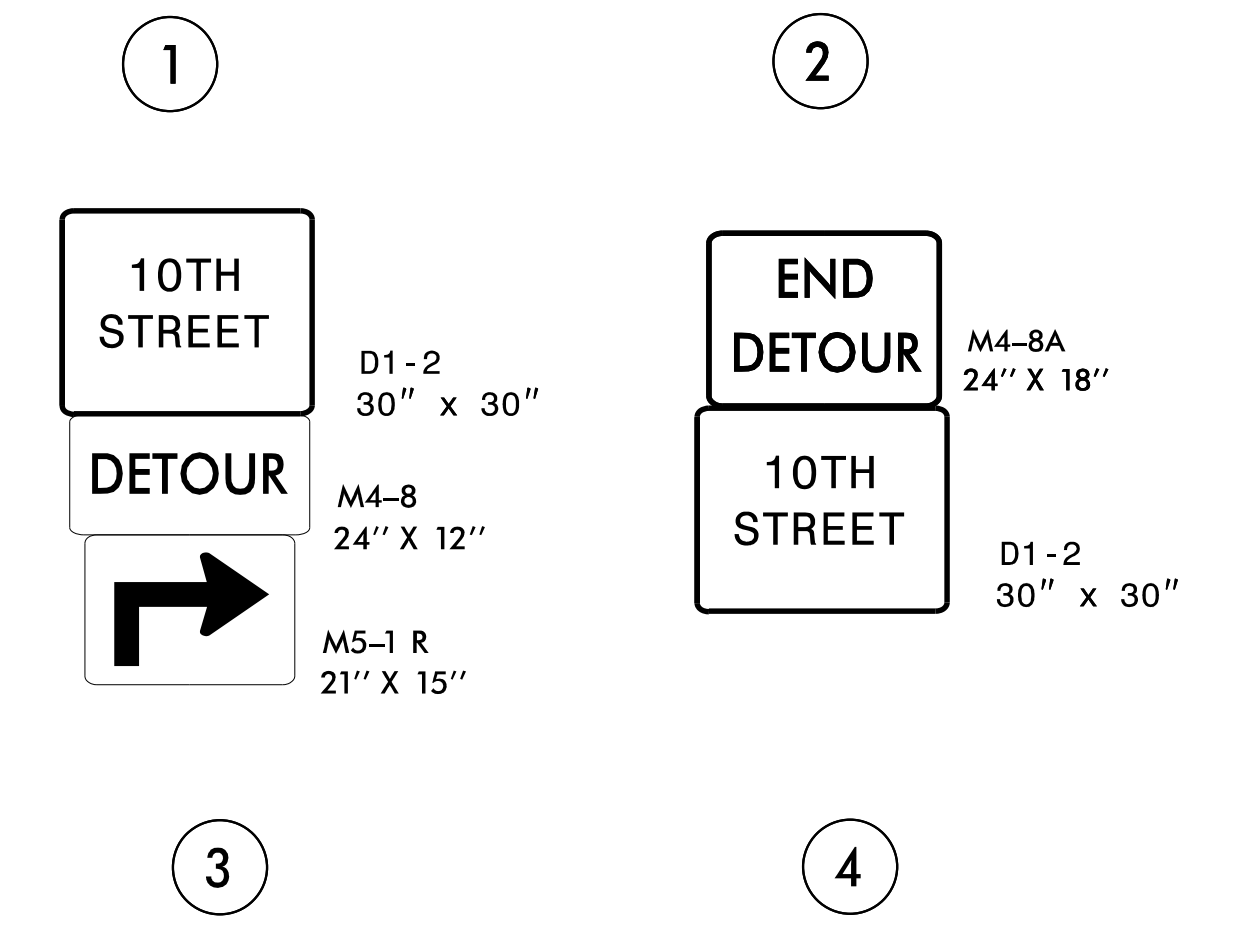
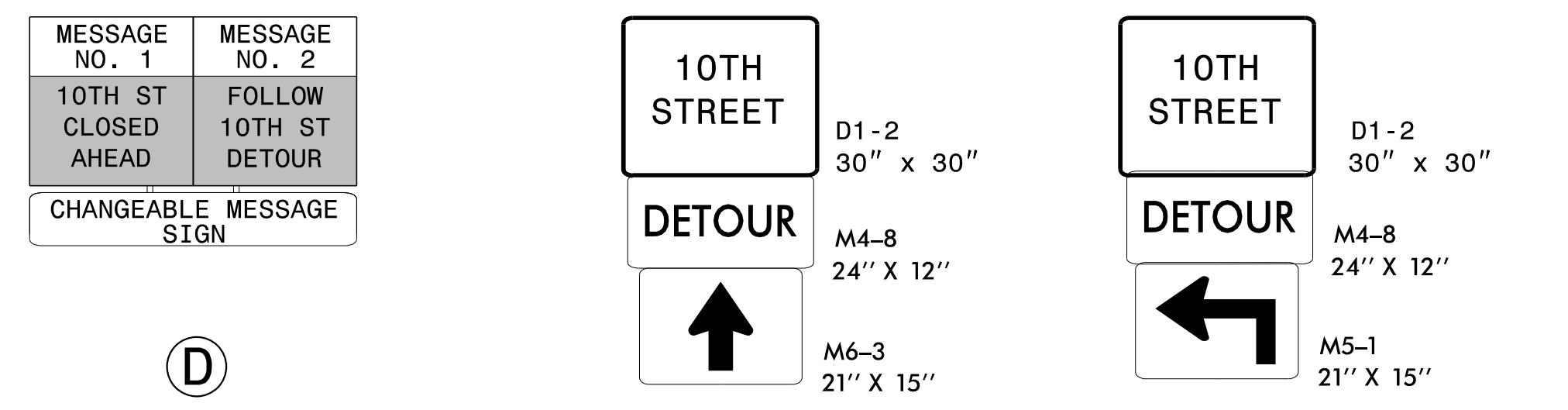
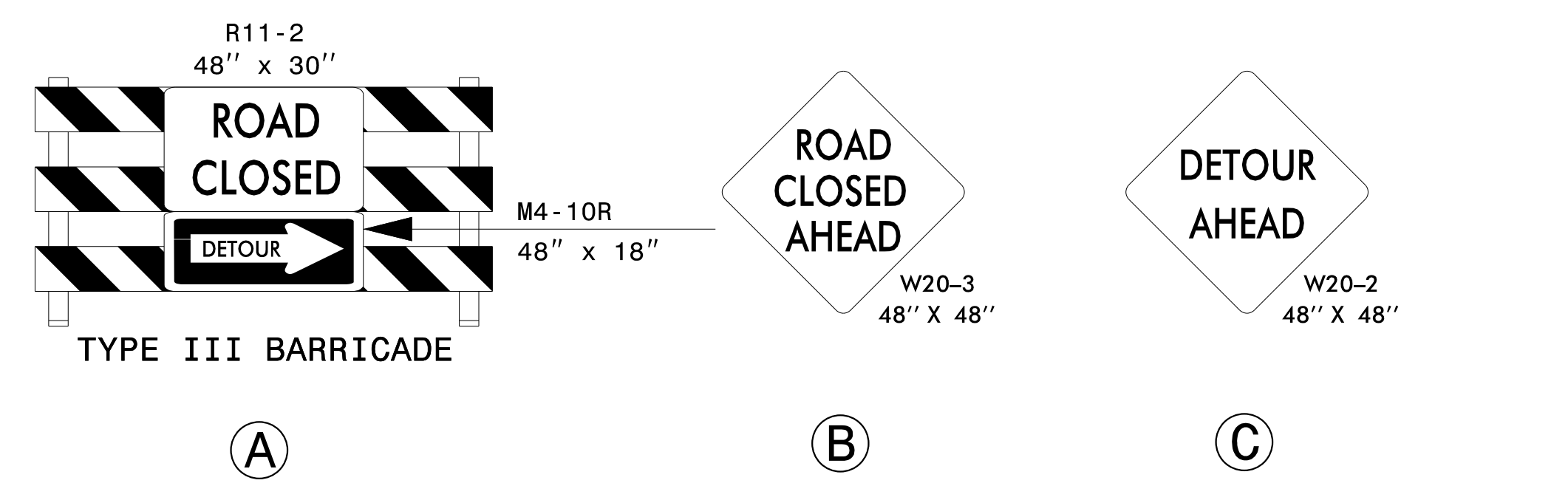
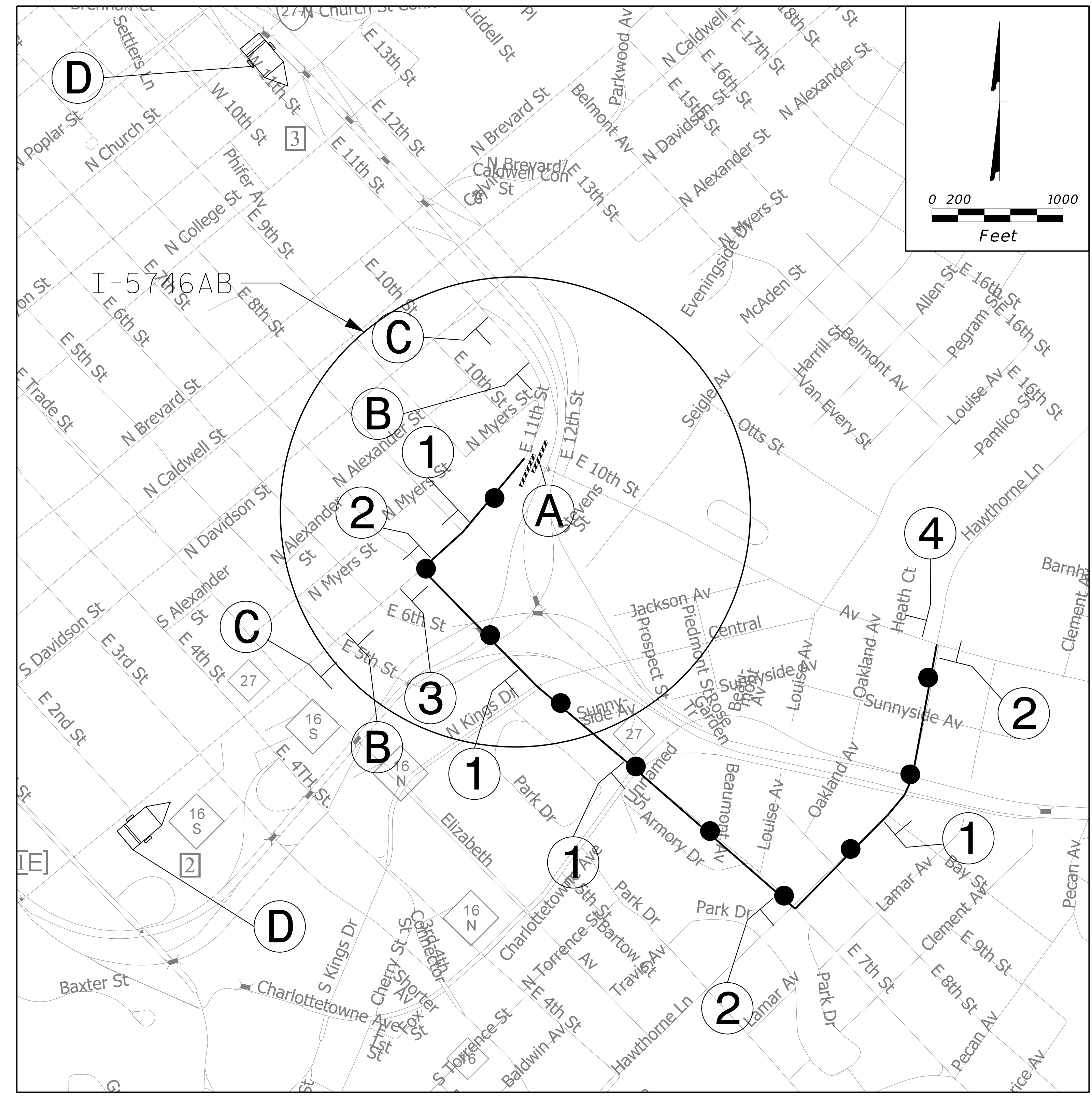
DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 No. 043935

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

**OFFSITE DETOUR
 US 74 WB AT
 BRIDGE #78
 SIGNING AND ROAD
 CLOSURE SIGNING**

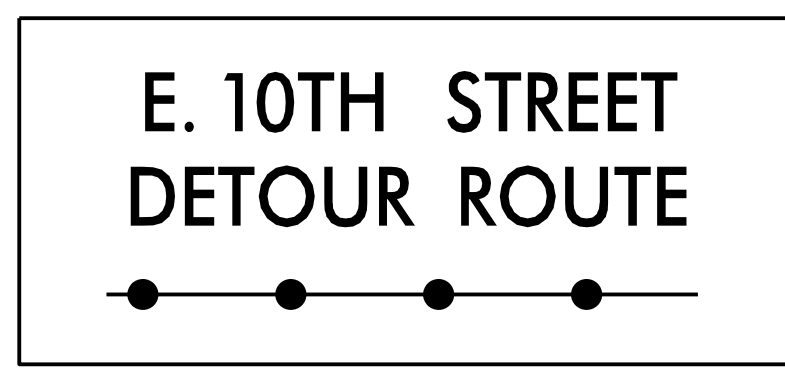


4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TIP\I-5746AB_TMP44_OFFSITE DETOUR US 74 WB BRIDGE #78.dgn
 User: jmazeres



NOTES:

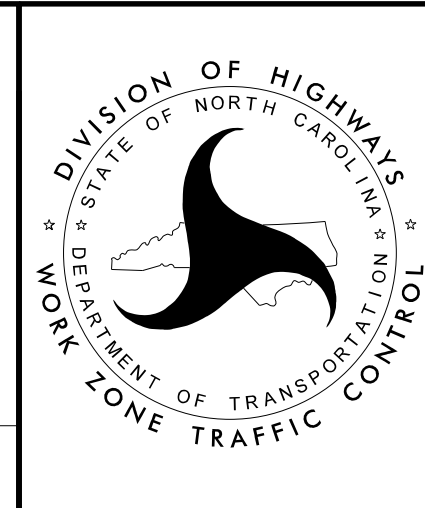
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-62 AND TMP-64 LANE CLOSURE DETAILS.
2. TRAFFIC CONTROL DEVICES ① THRU ④ AND ①A THRU ①D SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
3. FOR DETOUR DESTINATION SIGNS, SEE SIGN DETAIL SHEETS.
4. SEE TMP-62 AND TMP-64 FOR TYPE III BARRICADE PLACEMENT DETAILS.



DETOUR DESCRIPTION:
E. 11TH ST. TO E. 7TH ST. TO HAWTHORNE LN. TO E. 10TH ST.

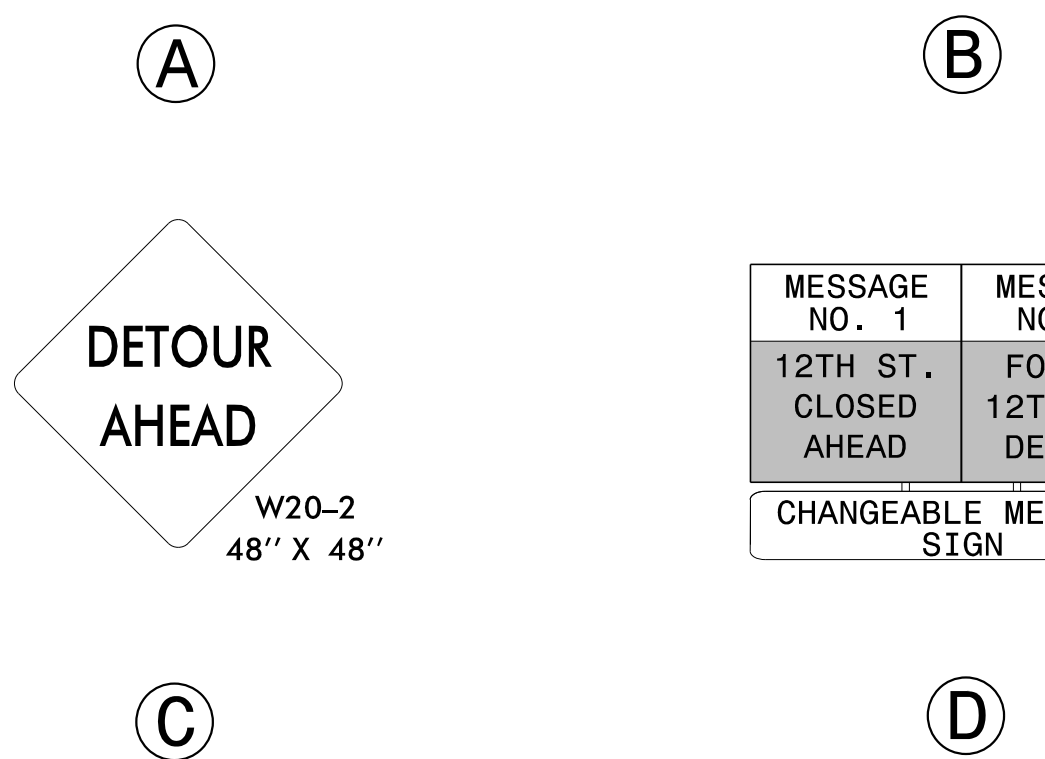
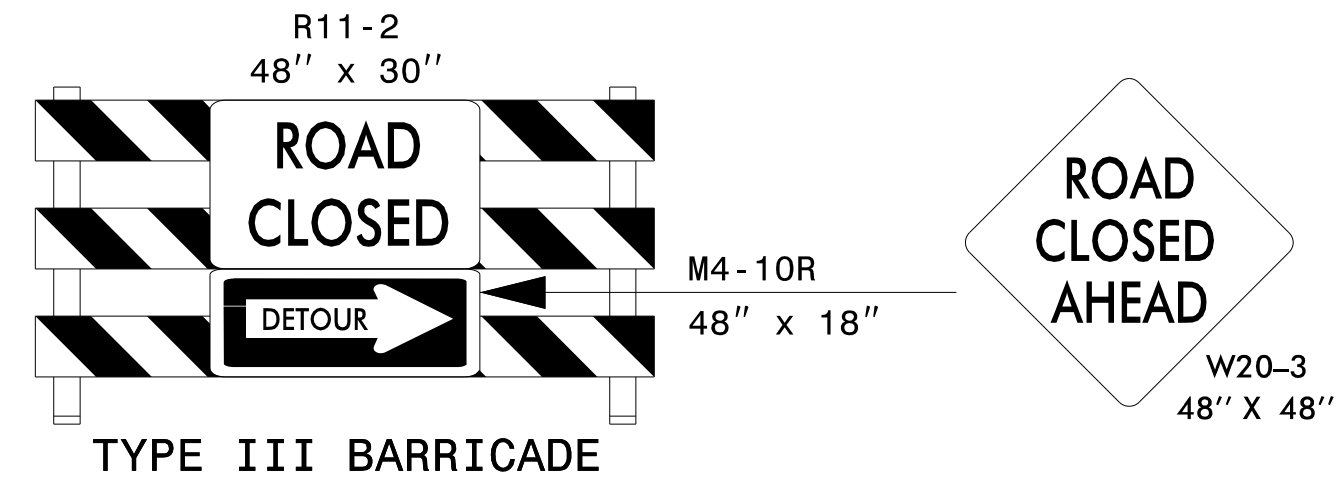
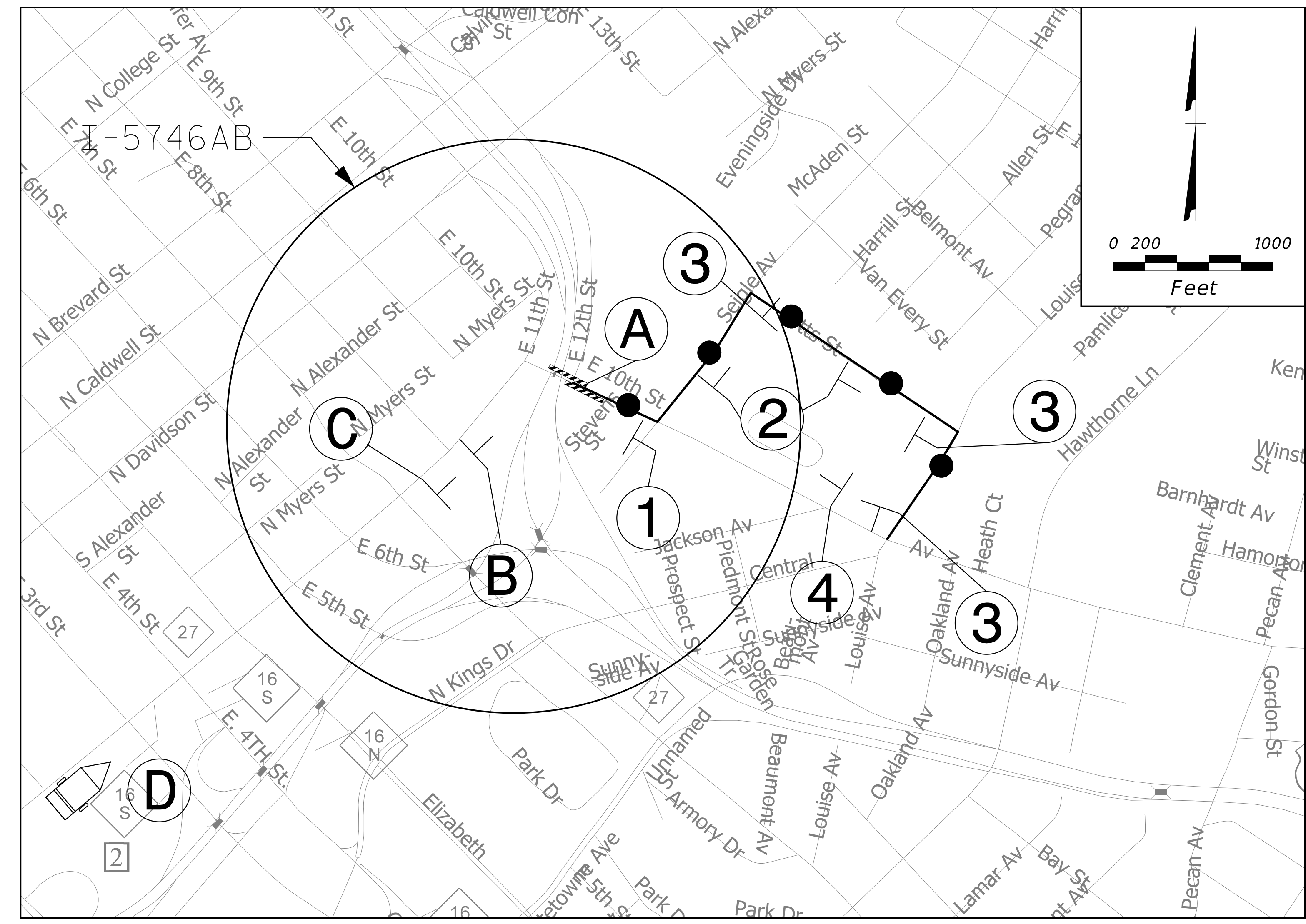
DocuSigned by:
John P. Mazeres
SEAL 043935
PROFESSIONAL ENGINEER
JOHN P. MAZERES

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



**OFFSITE DETOUR FOR
E. 10TH ST. AT
E. 11TH ST.
SIGNING AND ROAD
CLOSURE SIGNING**

4/24/2017
Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TIP\I-5746AB_TMP45_OFFSITE_DETOUR_10TH & 11TH_ST.dgn
User: jmazeres

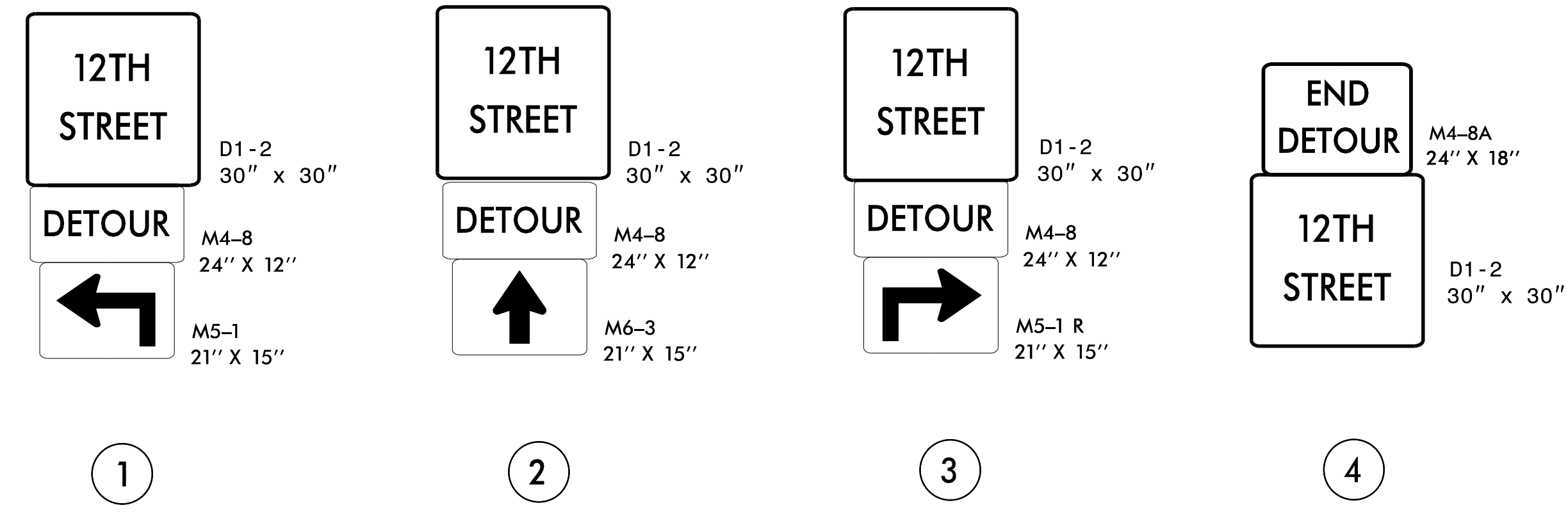


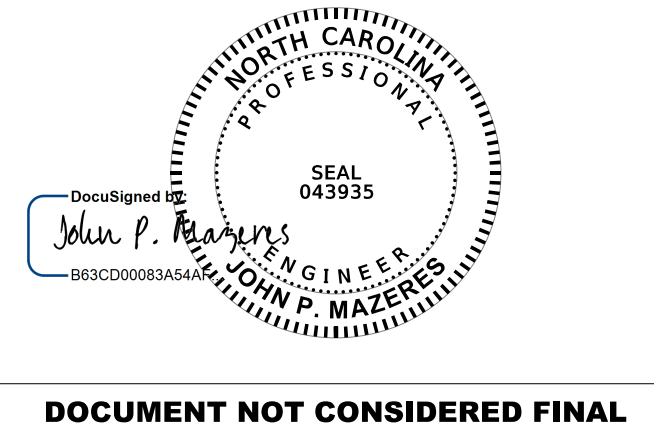
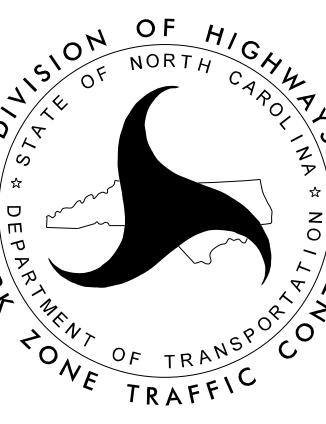
DETOUR DESCRIPTION:

E. 10TH ST. TO SEIGLE AVE. TO OTTS ST. TO LOUISE AVE.
TO E. 10TH ST. TO E. 12TH ST.

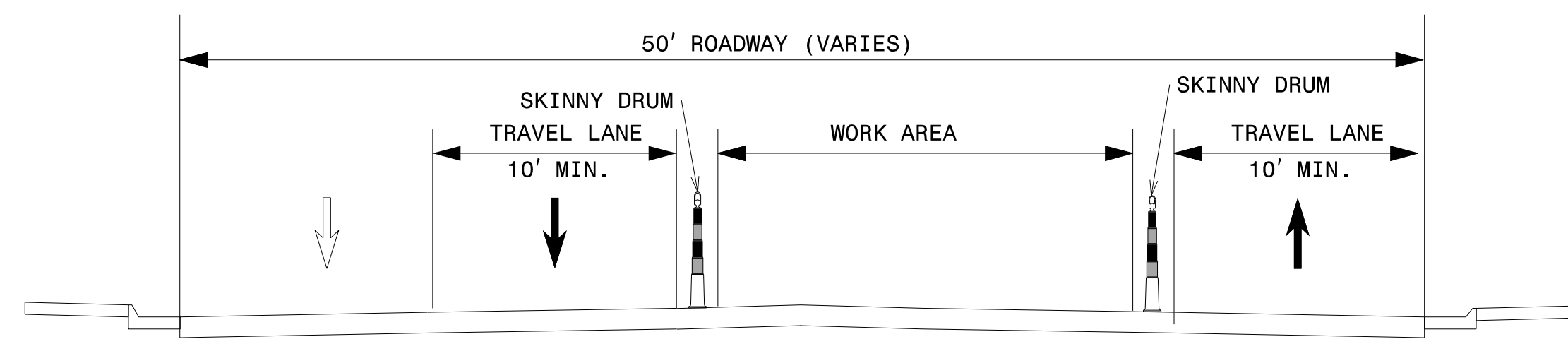
NOTES:

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-62 AND TMP-64 LANE CLOSURE DETAILS.
2. TRAFFIC CONTROL DEVICES ① THRU ④ AND ①A THRU ①D SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
3. FOR DETOUR DESTINATION SIGNS, SEE SIGN DETAIL SHEETS.
4. SEE TMP-62 AND TMP-64 FOR TYPE III BARRICADE PLACEMENT DETAILS.

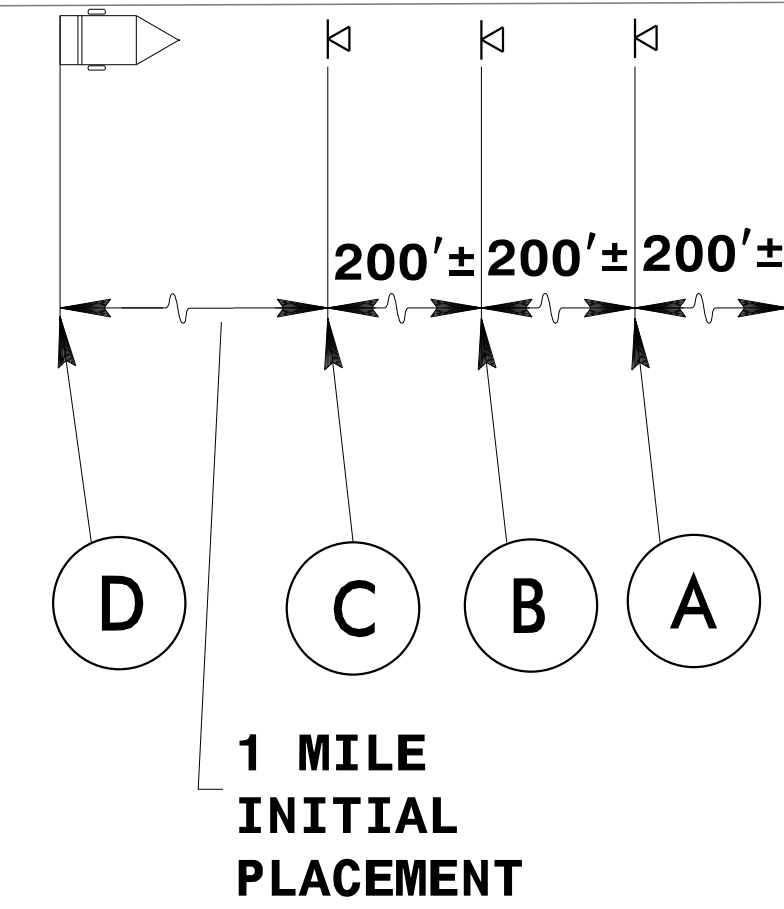
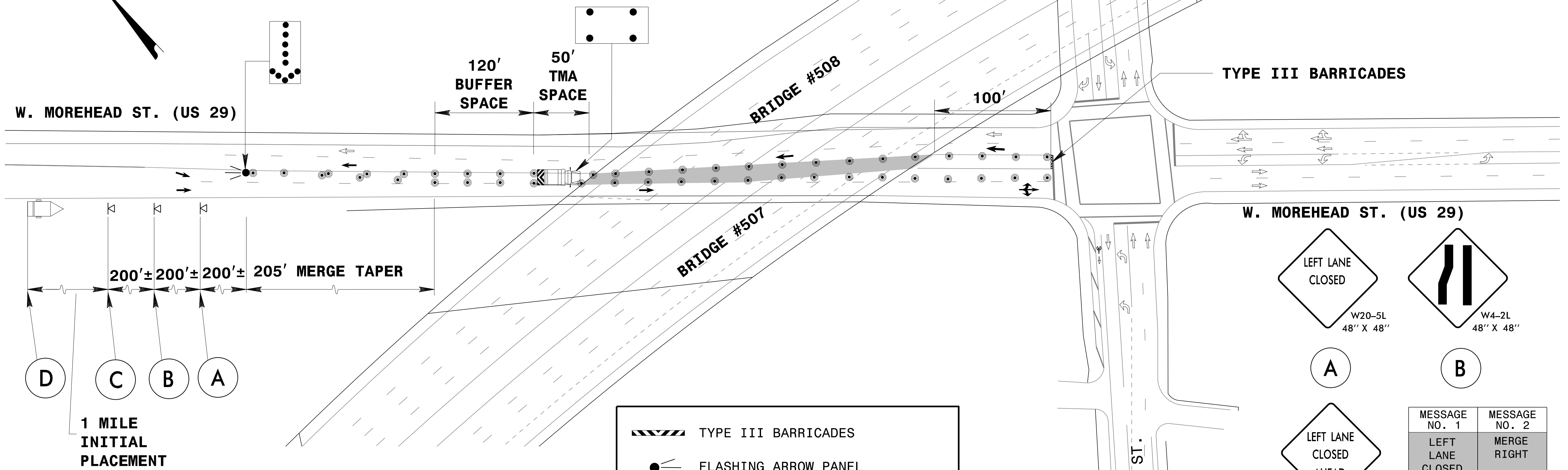


 <p>DocuSigned by: John P. Mazeres 043935 Professional Engineer JOHN P. MAZERES</p>		<p>OFFSITE DETOUR FOR E. 12TH ST. AT E. 10TH ST. SIGNING AND ROAD CLOSURE SIGNING</p>
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>		

4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TIP\200.07\I5746AB_TMP46_OFFSITE DETOUR 10TH & 12TH ST.dgn
 User:jmazer













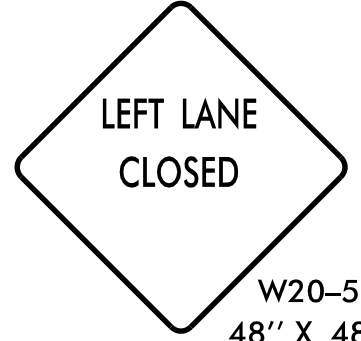
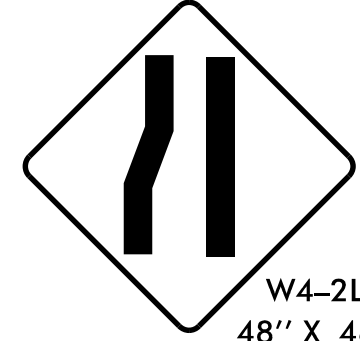
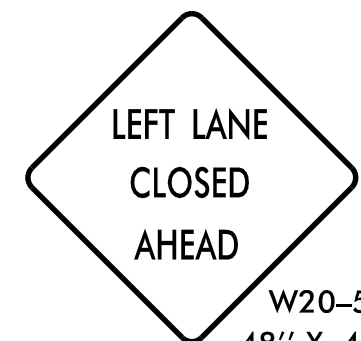
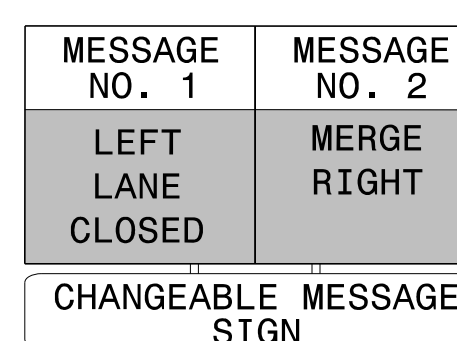
TYPICAL SECTION
W. MOREHEAD ST. EB
BRIDGE #507/#508
(INSIDE LANE)

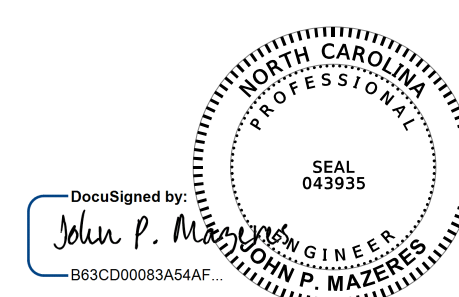



NOTES:

1. TRAFFIC CONTROL DEVICES (A) THRU (D) SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
2. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.

	TYPE III BARRICADES
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	CHANGEABLE MESSAGE SIGN (CMS)
	WORK AREA

DocuSigned by:

 JOHN P. MAZERES, P.E.
 PROFESSIONAL ENGINEER
 NORTH CAROLINA
 SEAL 043635

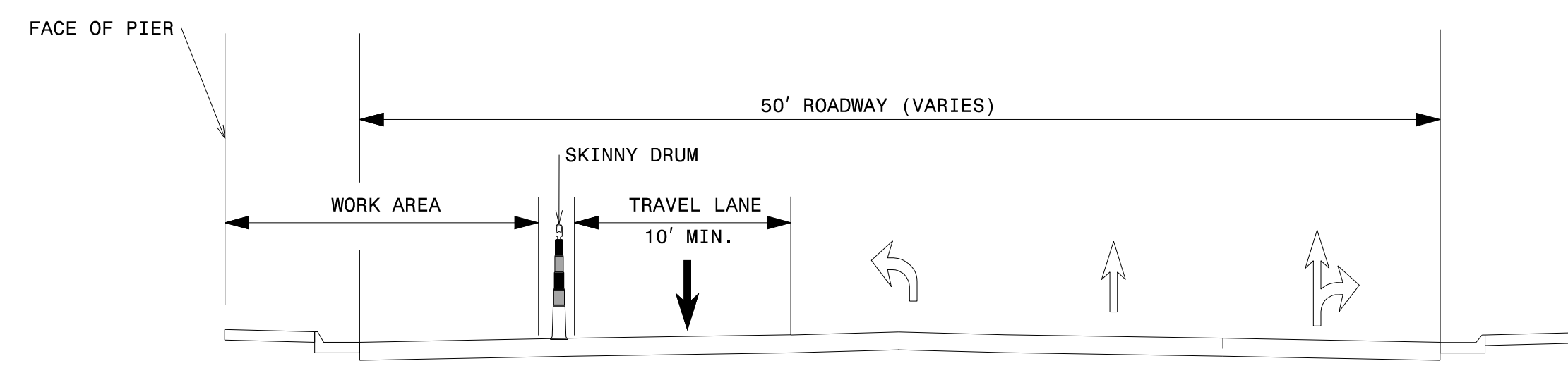


STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL

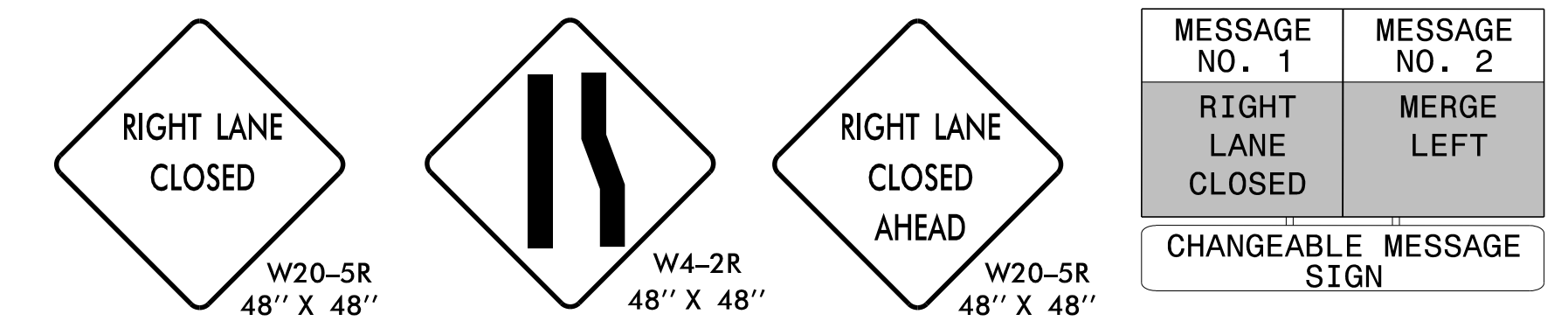
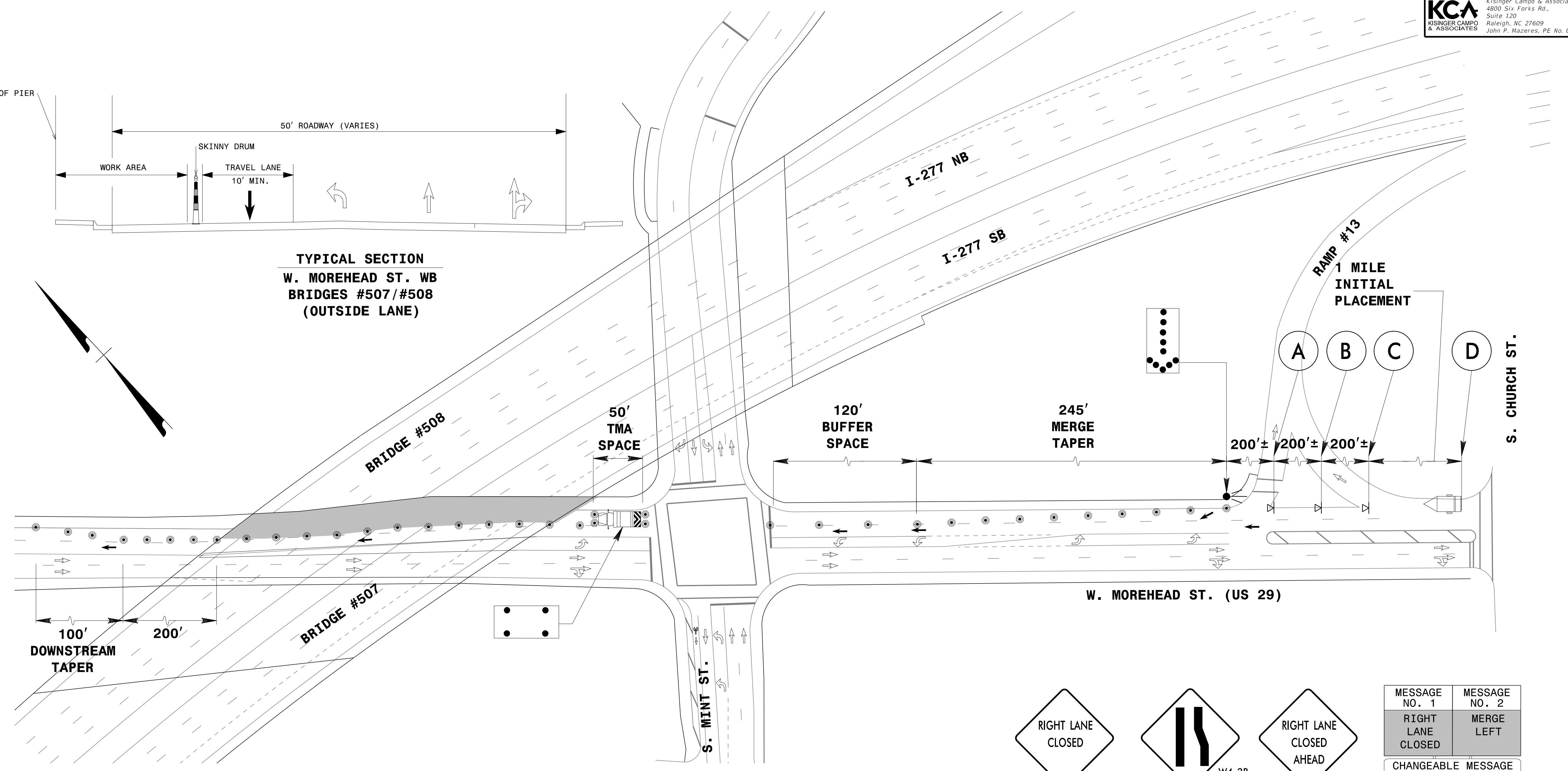
**LANE CLOSURE DETAIL
 W. MOREHEAD (US 29)
 EB INSIDE LANE
 POSTED SPEED: 35 MPH**

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

4/24/2017
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 User:jmazer

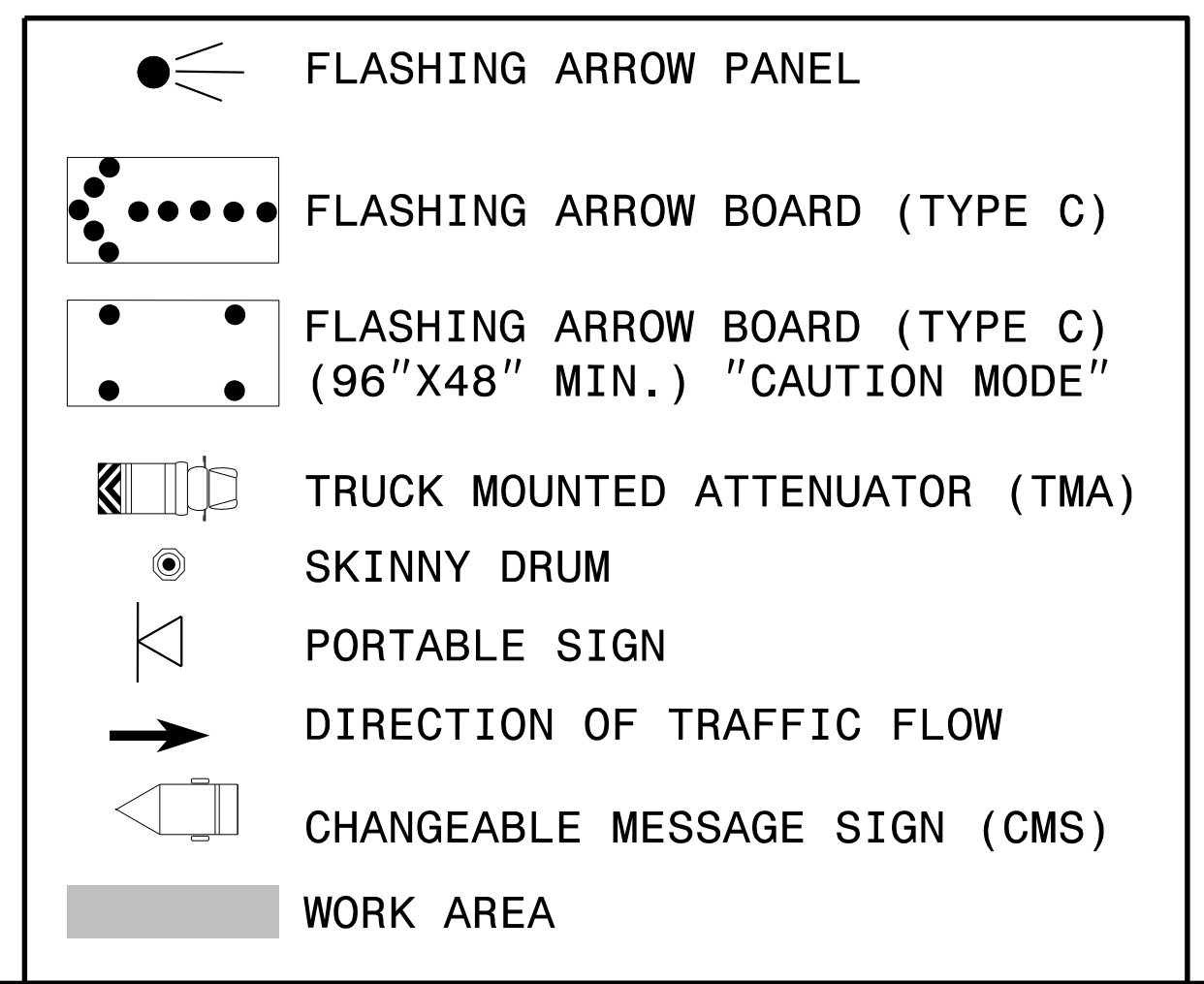


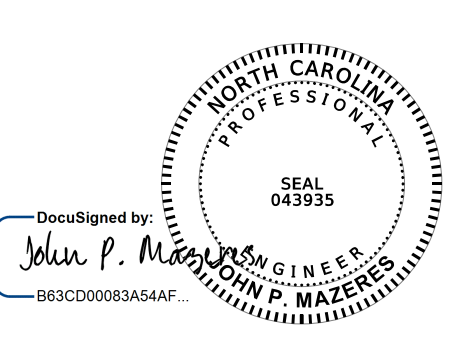
**TYPICAL SECTION
W. MOREHEAD ST. WB
BRIDGES #507/#508
(OUTSIDE LANE)**



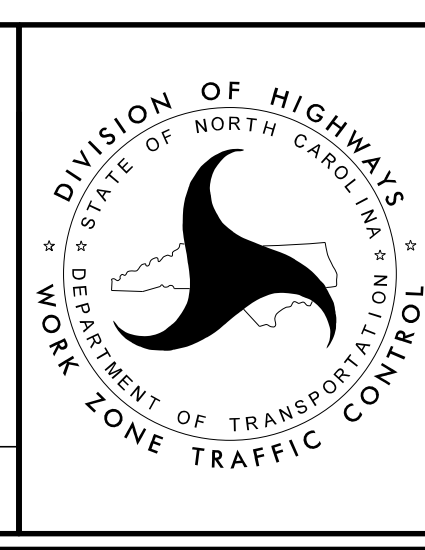
NOTES:

1. TRAFFIC CONTROL DEVICES (A) THRU (D) SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
2. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.



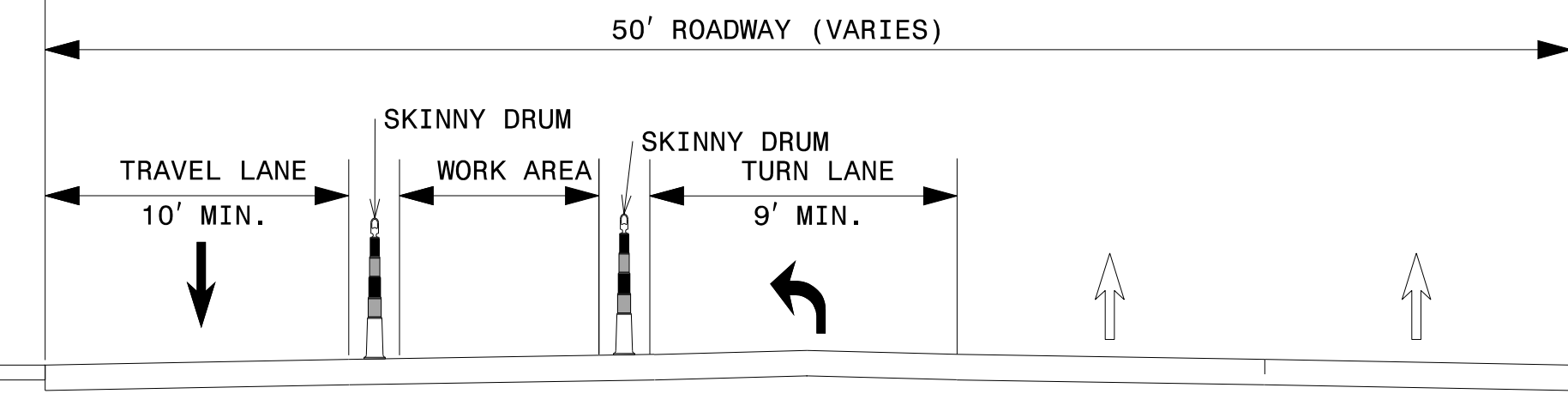
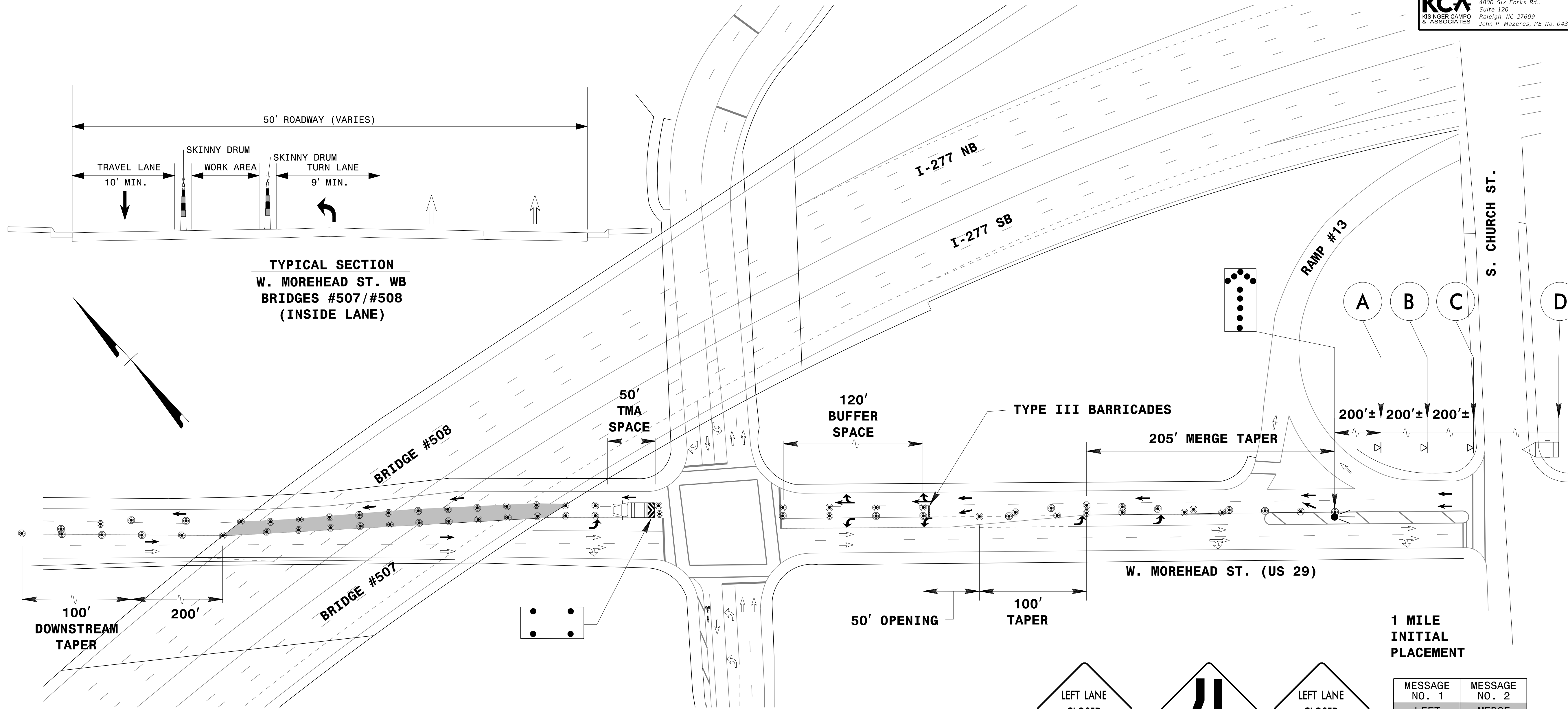
DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA
 NO. 043635
 863C00083A54AF

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





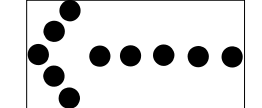
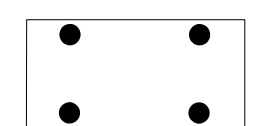
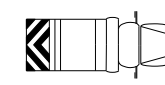



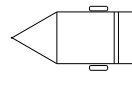

**LANE CLOSURE DETAIL
W. MOREHEAD (US 29)
WB OUTSIDE LANE
POSTED SPEED: 35 MPH**

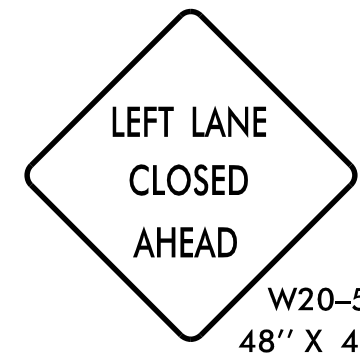
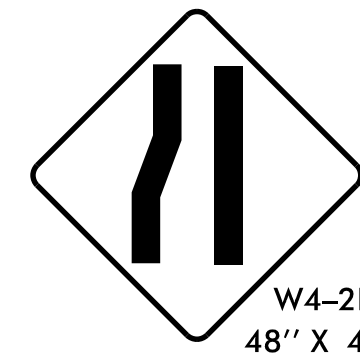
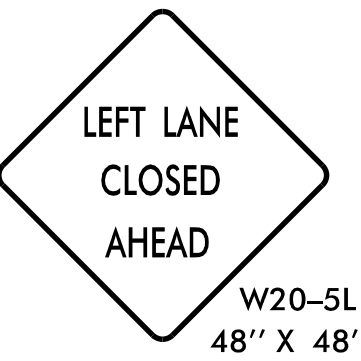
4/24/2017
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 User: jmazeres



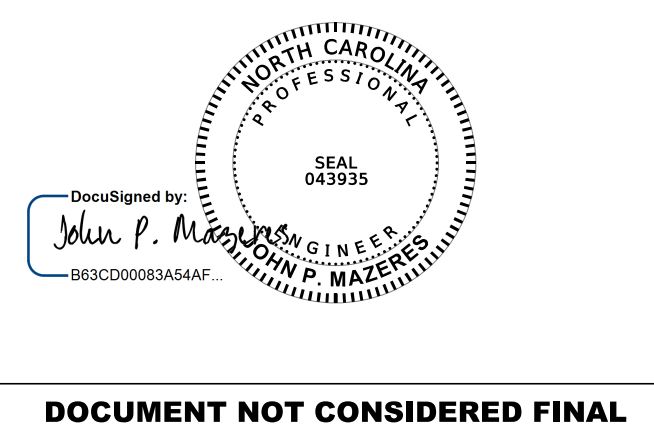
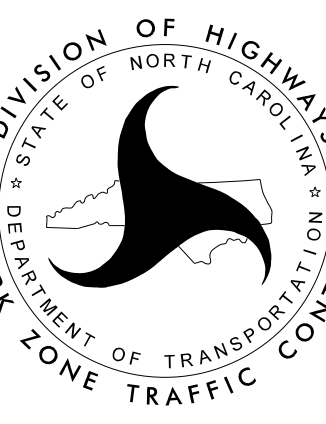
100' DOWNSTREAM TAPER
200'

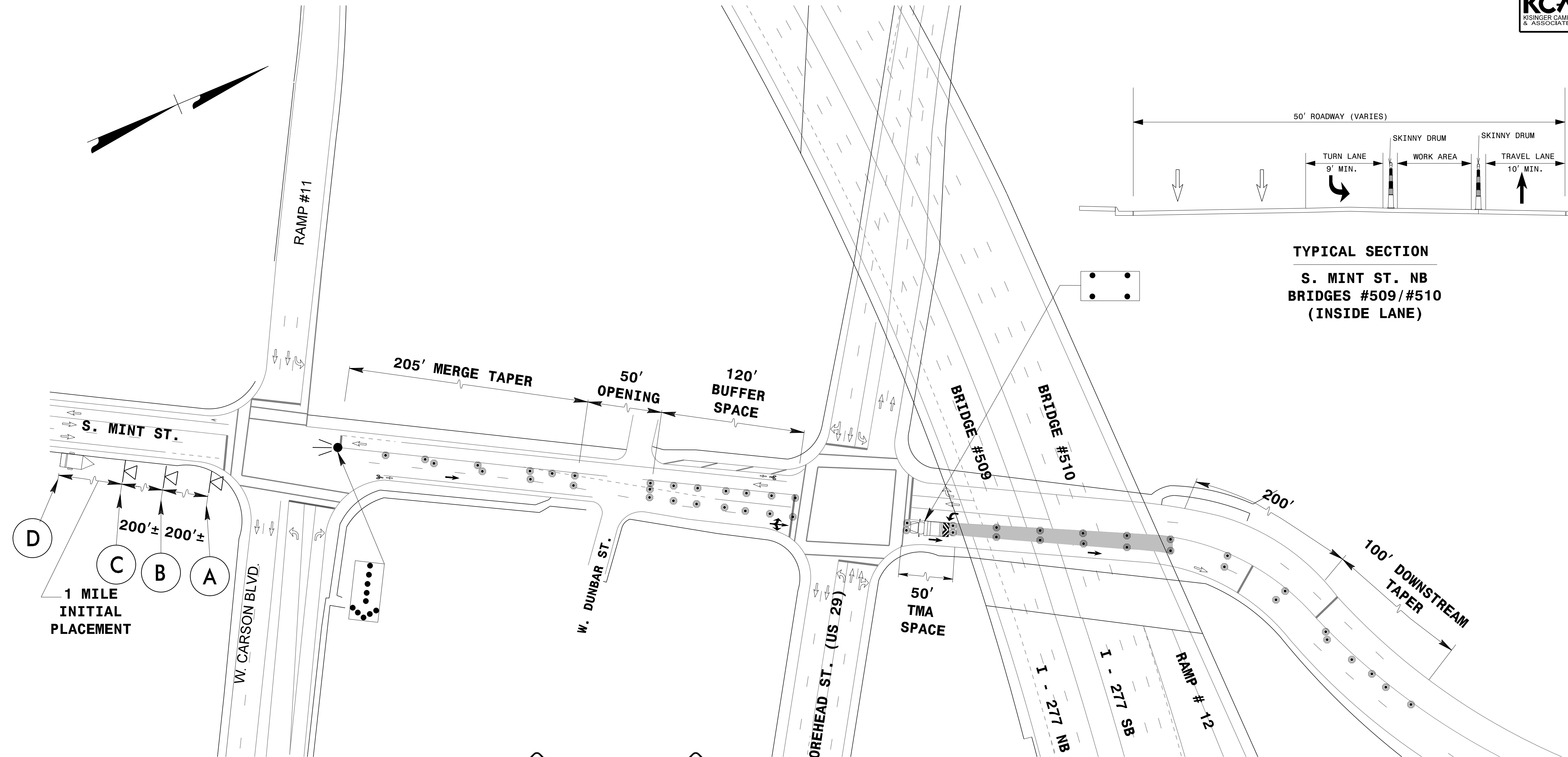
- NOTES:**
1. TRAFFIC CONTROL DEVICES (A) THRU (D) SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
 2. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.

	TYPE III BARRICADES
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	CHANGEABLE MESSAGE SIGN (CMS)
	WORK AREA

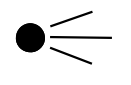
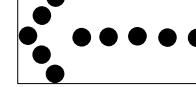

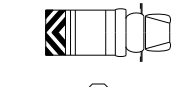
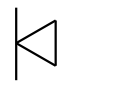
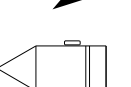



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MESSAGE NO. 1	MESSAGE NO. 2								
LEFT LANE CLOSED	MERGE RIGHT								
CHANGEABLE MESSAGE SIGN									
(A)	(B)	(C)	(D)						

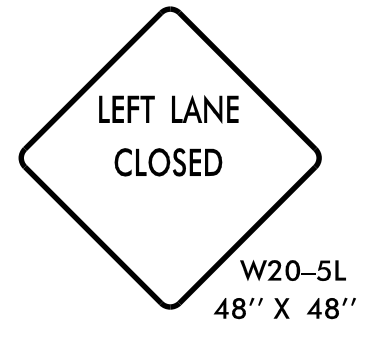
4/24/2017
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 User: jmazeres

 <p>DocuSigned by: John P. Mazeres 6B3C00083A54AF</p>		<p>LANE CLOSURE DETAIL W. MOREHEAD (US 29) WB INSIDE LANE POSTED SPEED: 35 MPH</p>
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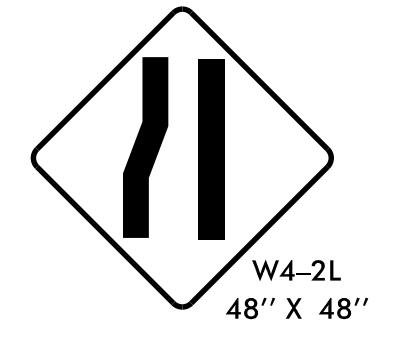


TYPICAL SECTION
S. MINT ST. NB
BRIDGES #509/#510
(INSIDE LANE)

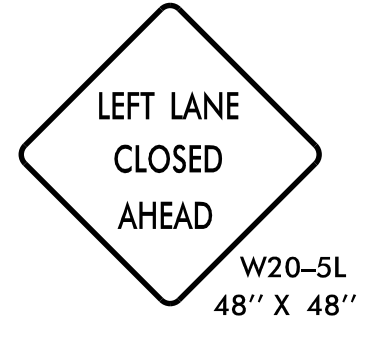
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	CHANGEABLE MESSAGE SIGN (CMS)
	WORK AREA



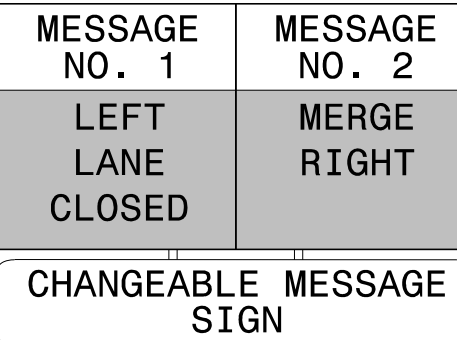
A



B



C

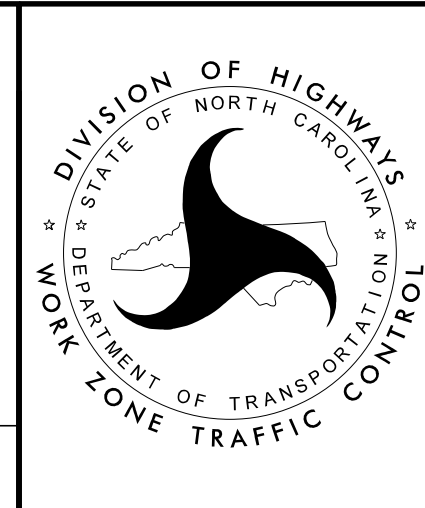


D

NOTES:

1. TRAFFIC CONTROL DEVICES (A) THRU (D) SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
2. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.

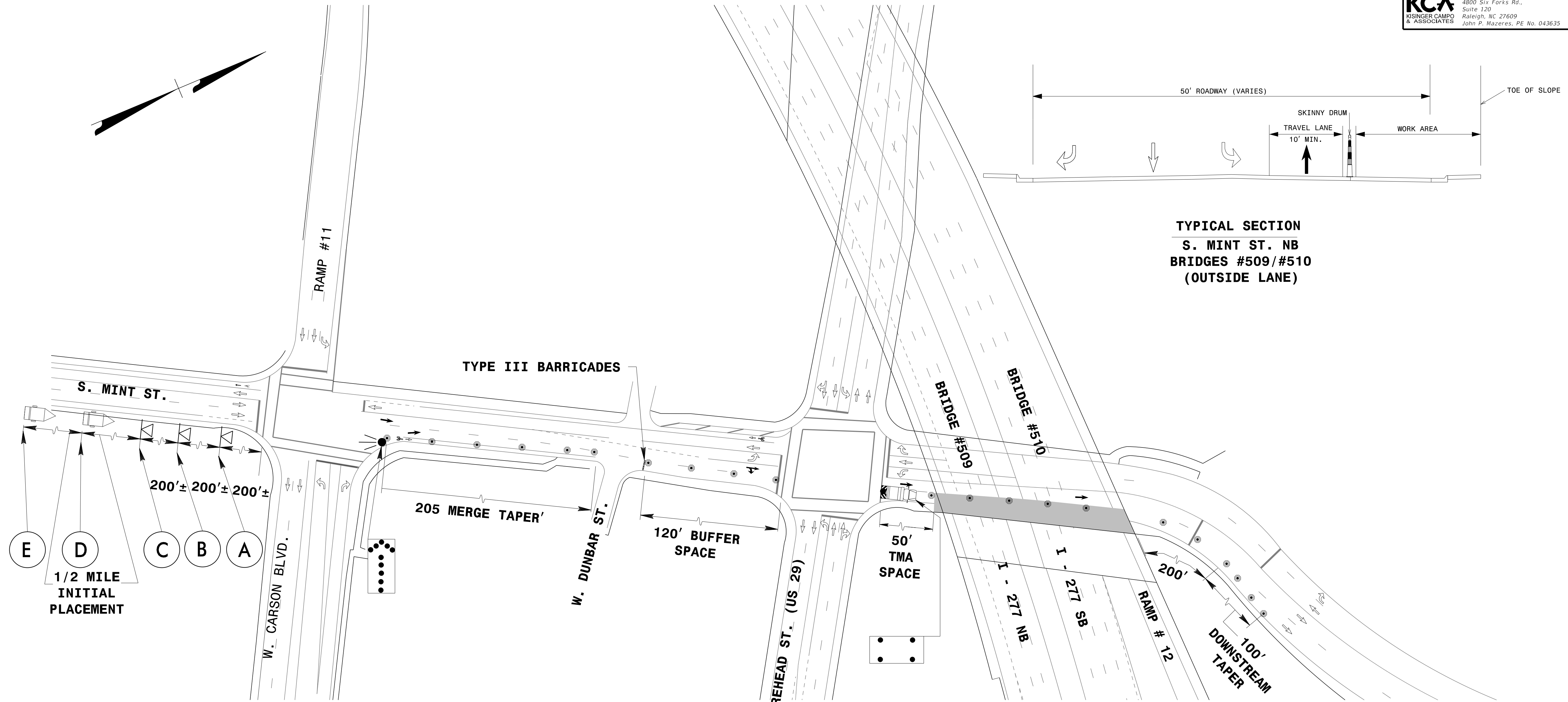
DocuSigned by:
 John P. Mazeres
 SEAL
 JOHN P. MAZERES
 JOHN P. MAZERES, PE No. 043635
 863C00083A54AF





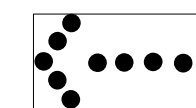
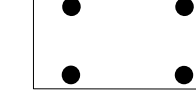




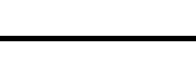

LANE CLOSURE DETAIL
S MINT ST
NB INSIDE LANE
POSTED SPEED: 35 MPH

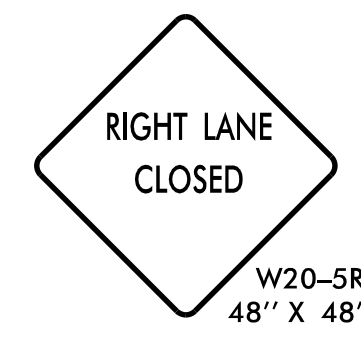
DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

4/24/2017
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 User: jmazeres

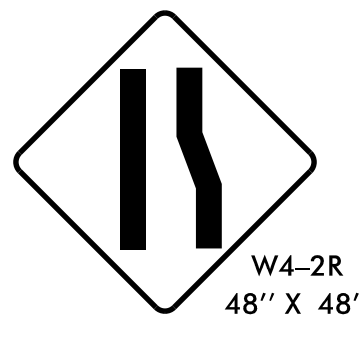


TYPICAL SECTION
S. MINT ST. NB
BRIDGES #509/#510
(OUTSIDE LANE)

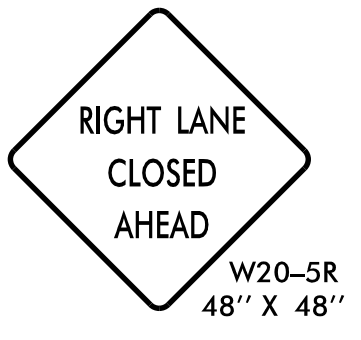
-  TYPE III BARRICADES
-  FLASHING ARROW PANEL
-  FLASHING ARROW BOARD (TYPE C)
-  FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  SKINNY DRUM
-  PORTABLE SIGN
-  DIRECTION OF TRAFFIC FLOW
-  CHANGEABLE MESSAGE SIGN (CMS)
-  WORK AREA



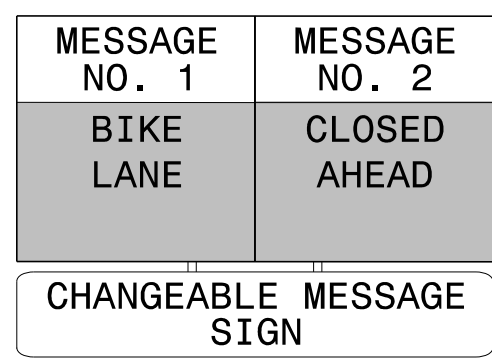
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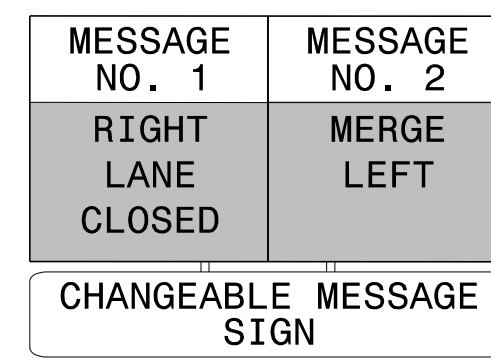
B



C



D

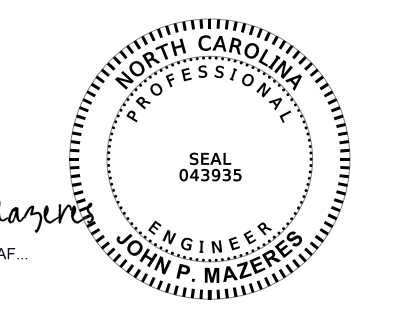


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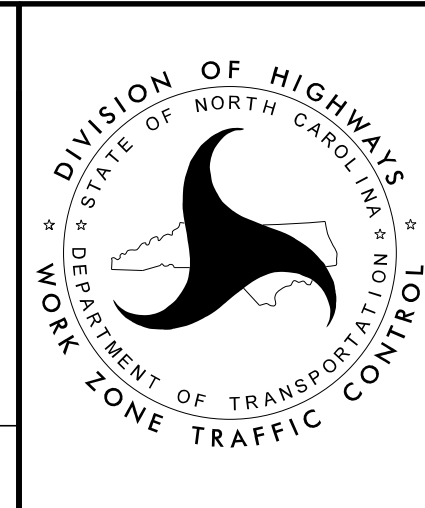
NOTES:

- TRAFFIC CONTROL DEVICES A THRU E SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.

DocuSigned by:
 John P. Mazeres
 863C00083A54AF

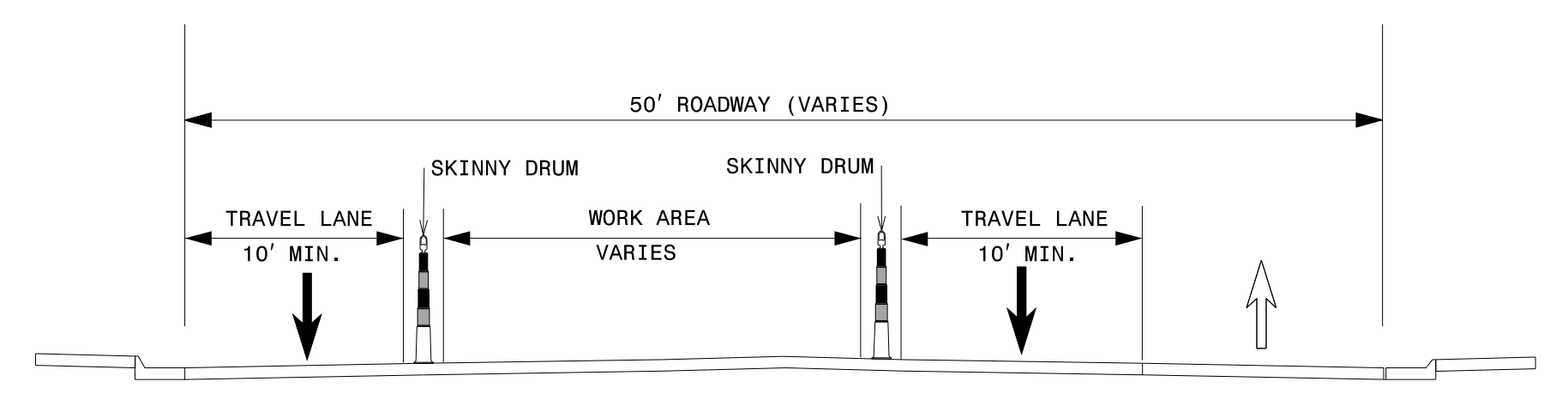
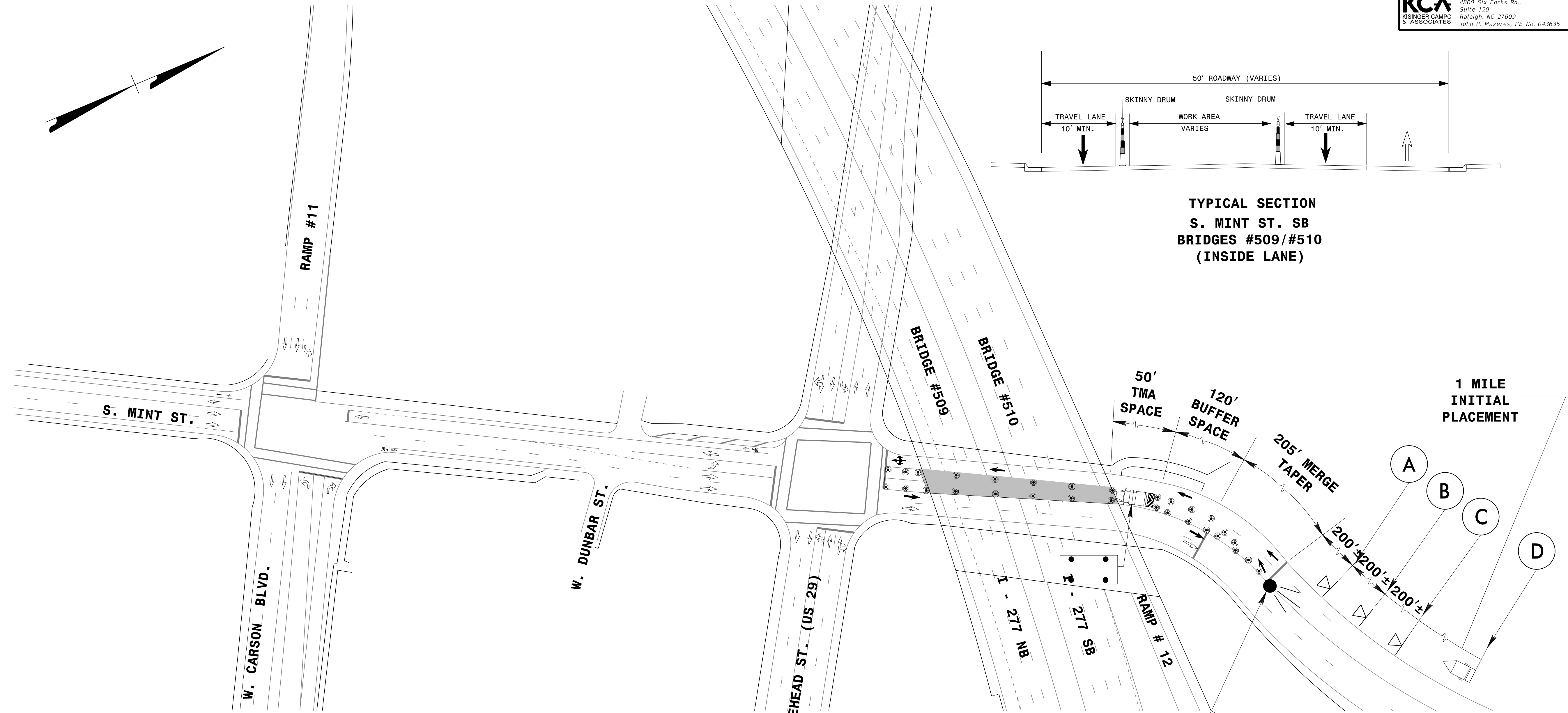


DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



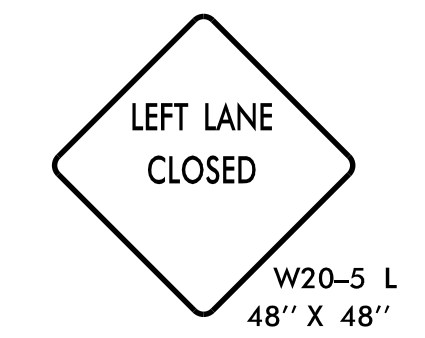
LANE CLOSURE DETAIL
S MINT ST
NB OUTSIDE LANE
POSTED SPEED: 35 MPH

4/24/2017
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 User: jmazeres

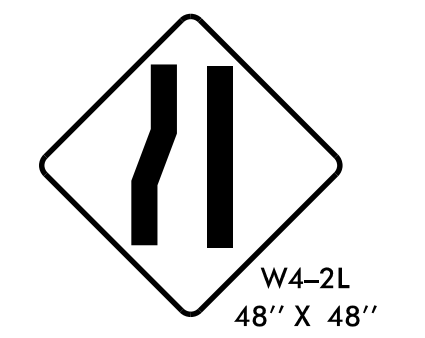


TYPICAL SECTION
S. MINT ST. SB
BRIDGES #509/#510
(INSIDE LANE)

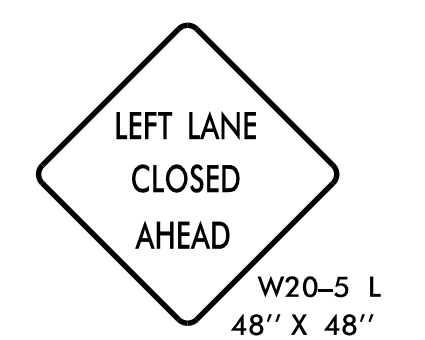
	FLASHING ARROW BOARD
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	CHANGEABLE MESSAGE SIGN (CMS)
	WORK AREA



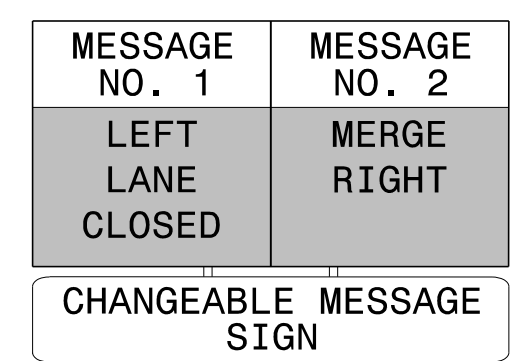
A



B




C



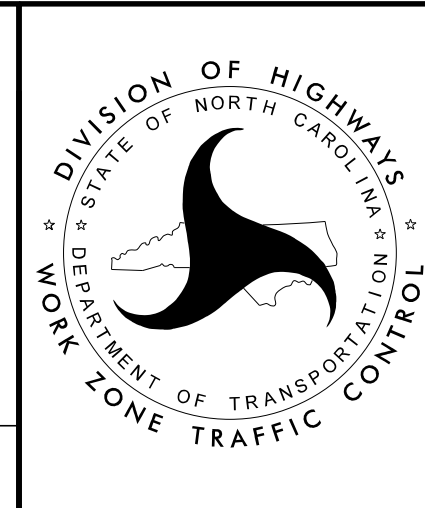
D

NOTES:

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2. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.

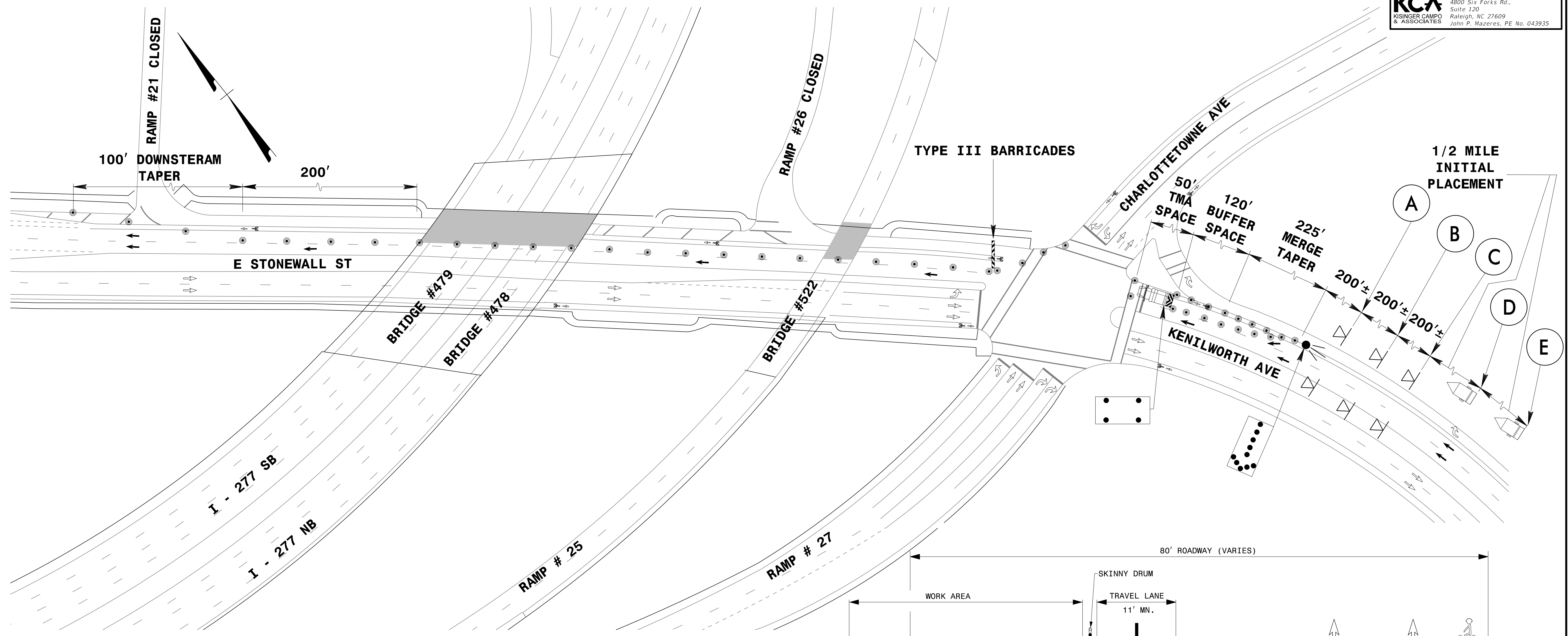
DocuSigned by:

 JOHN P. MAZERES
 PE No. 043635




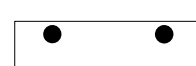
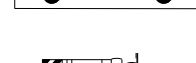





DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

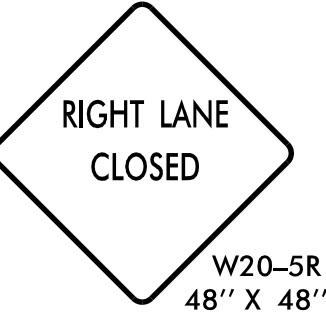
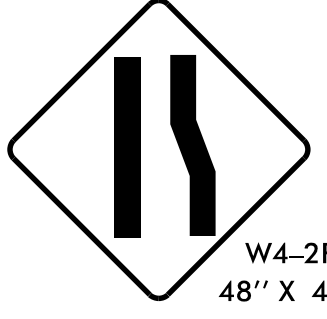
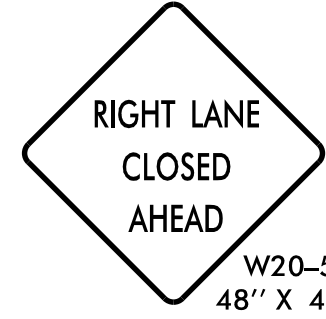


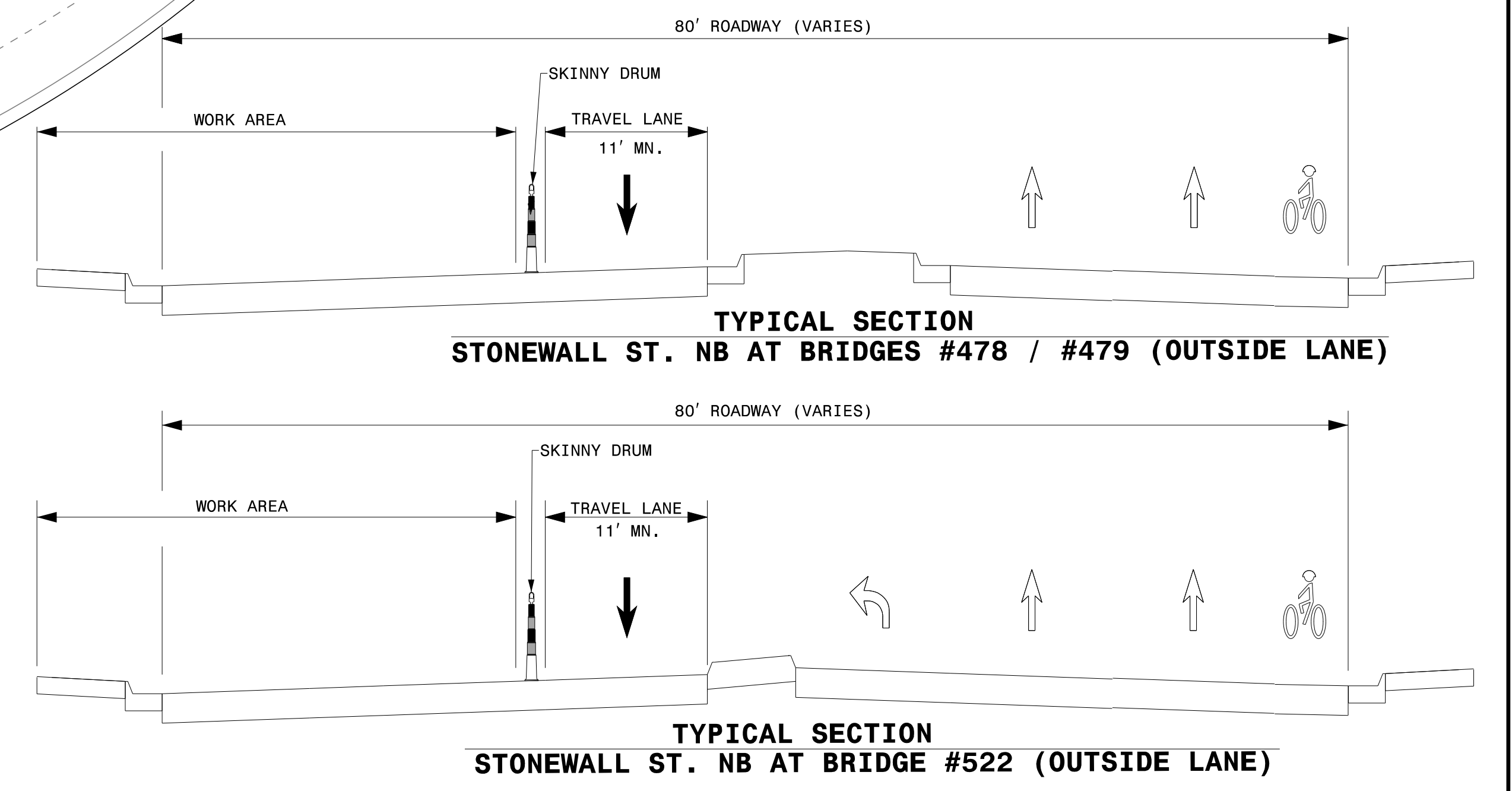
LANE CLOSURE DETAIL
S MINT ST
SB INSIDE LANE
POSTED SPEED: 35 MPH

4/24/2017
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 User: j.mazeres

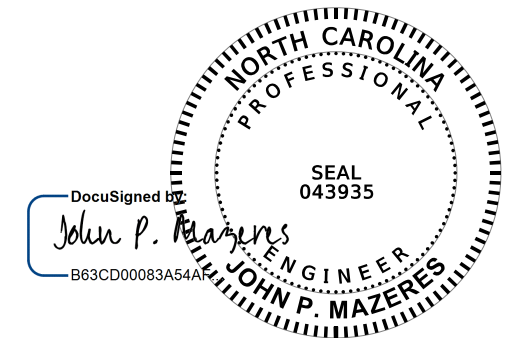


	TYPE III BARRICADES
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	CHANGEABLE MESSAGE SIGN (CMS)
	WORK AREA

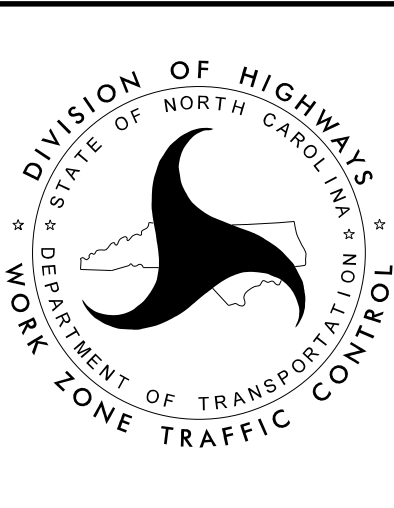
										
A	B	C								
<table border="1"> <tr> <td>MESSAGE NO. 1</td> <td>MESSAGE NO. 2</td> </tr> <tr> <td>BIKE LANE</td> <td>CLOSED AHEAD</td> </tr> </table> CHANGEABLE MESSAGE SIGN	MESSAGE NO. 1	MESSAGE NO. 2	BIKE LANE	CLOSED AHEAD	<table border="1"> <tr> <td>MESSAGE NO. 1</td> <td>MESSAGE NO. 2</td> </tr> <tr> <td>RIGHT LANE CLOSED</td> <td>MERGE LEFT</td> </tr> </table> CHANGEABLE MESSAGE SIGN	MESSAGE NO. 1	MESSAGE NO. 2	RIGHT LANE CLOSED	MERGE LEFT	
MESSAGE NO. 1	MESSAGE NO. 2									
BIKE LANE	CLOSED AHEAD									
MESSAGE NO. 1	MESSAGE NO. 2									
RIGHT LANE CLOSED	MERGE LEFT									
D	E									



- NOTES:**
1. TRAFFIC CONTROL DEVICES **A** THRU **E** SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
 2. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-28 (OFFSITE DETOUR 21), TMP-34 (OFFSITE DETOUR 26) AND RSD 1101.02 SHEET 3 OF 15.

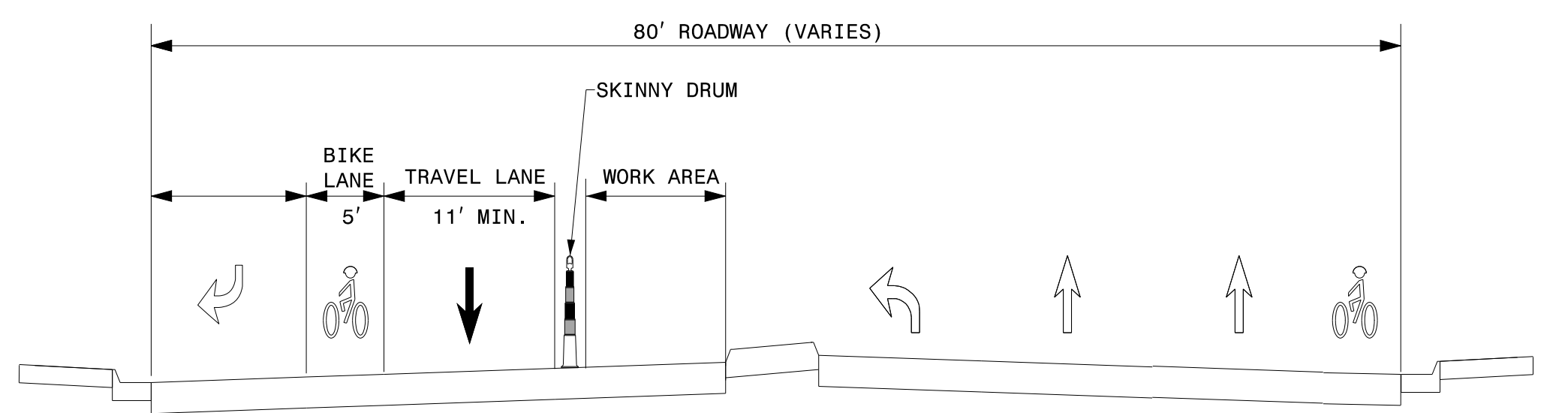
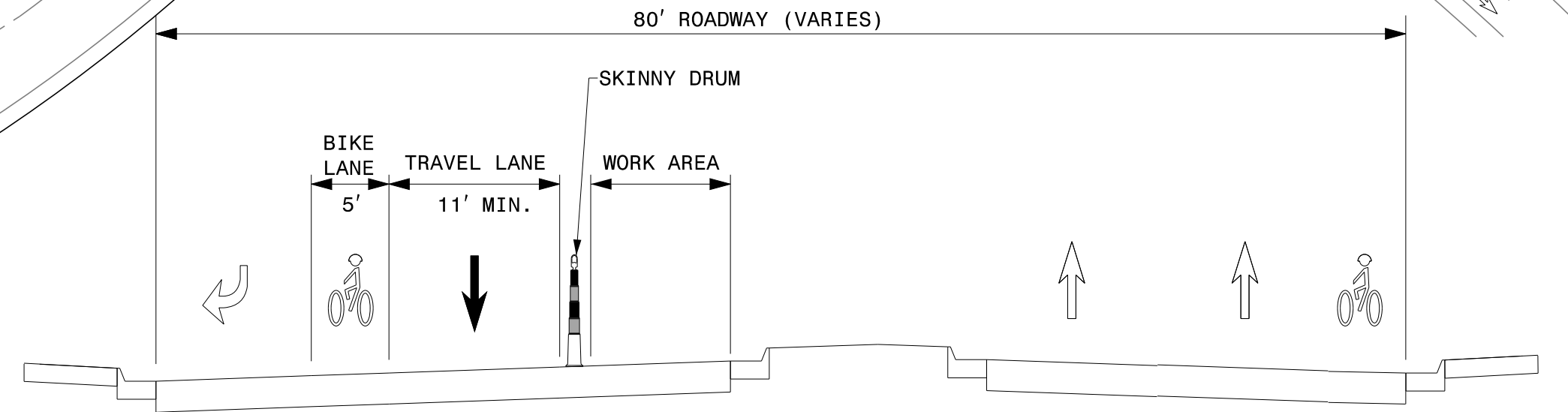
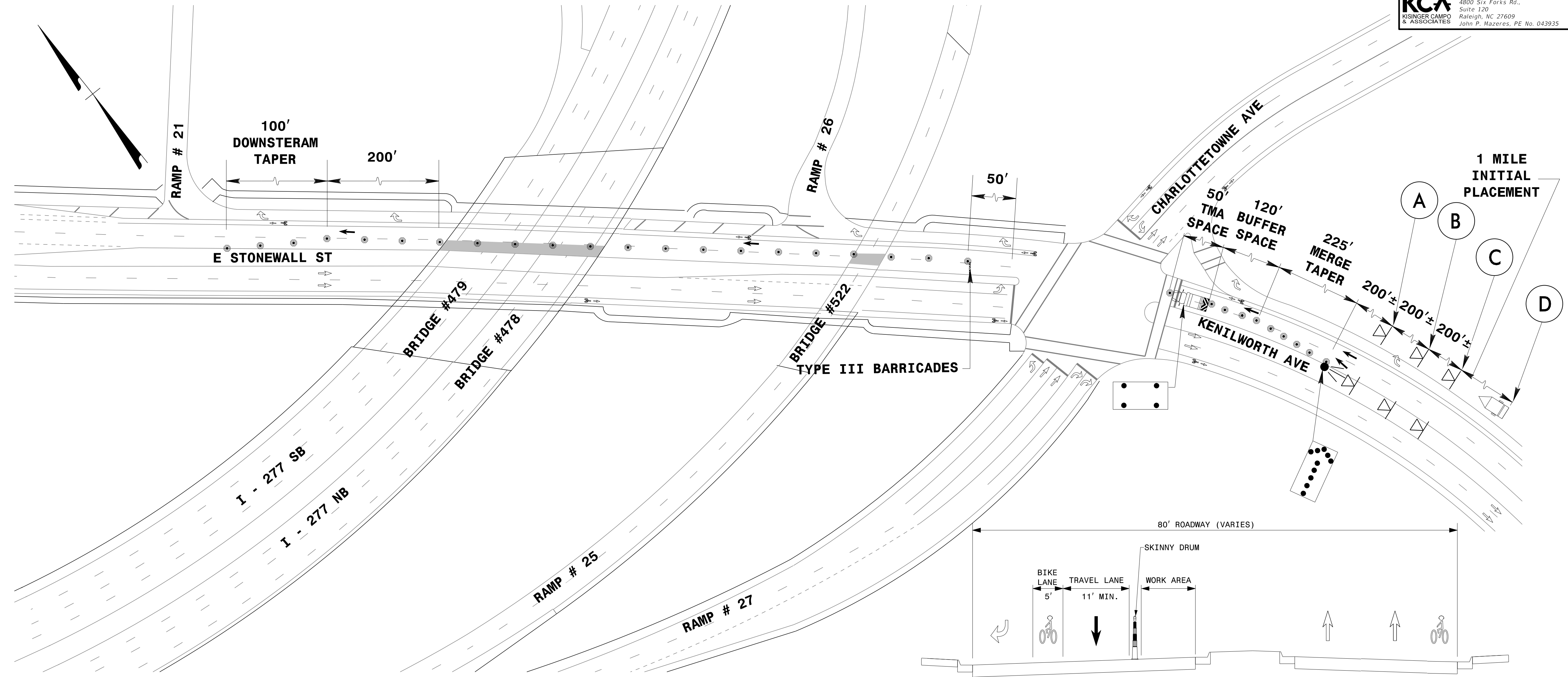
DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 SEAL 043935

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



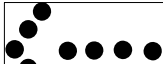
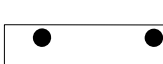
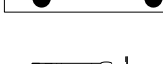
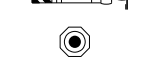






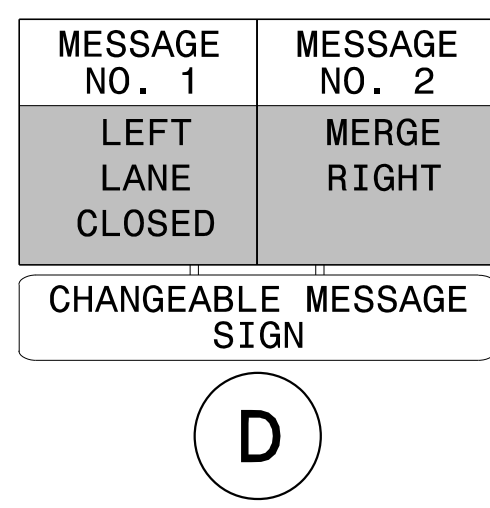
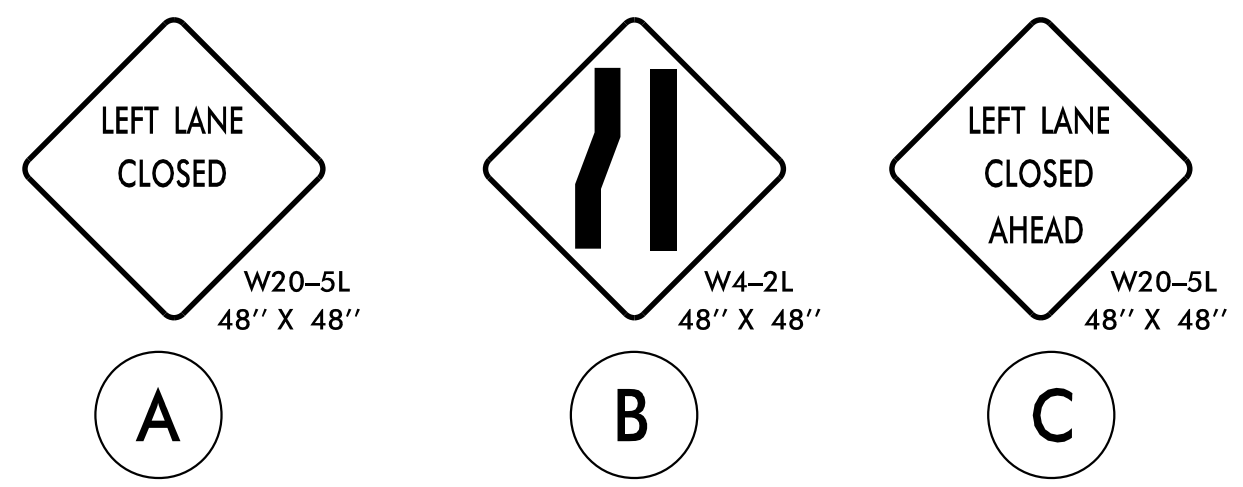
LANE CLOSURE DETAIL STONEWALL KENILWORTH NB OUTSIDE LANE POSTED SPEED: 35 MPH

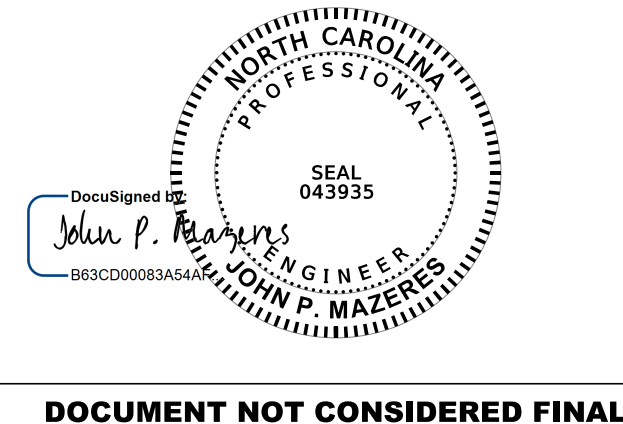
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 User:jmazer



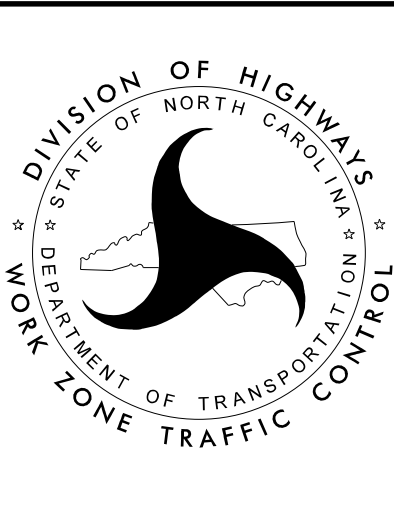
- NOTES:**
1. TRAFFIC CONTROL DEVICES (A) THRU (D) SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
 2. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.

	TYPE III BARRICADES
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96\"X48\" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	CHANGEABLE MESSAGE SIGN (CMS)
	WORK AREA



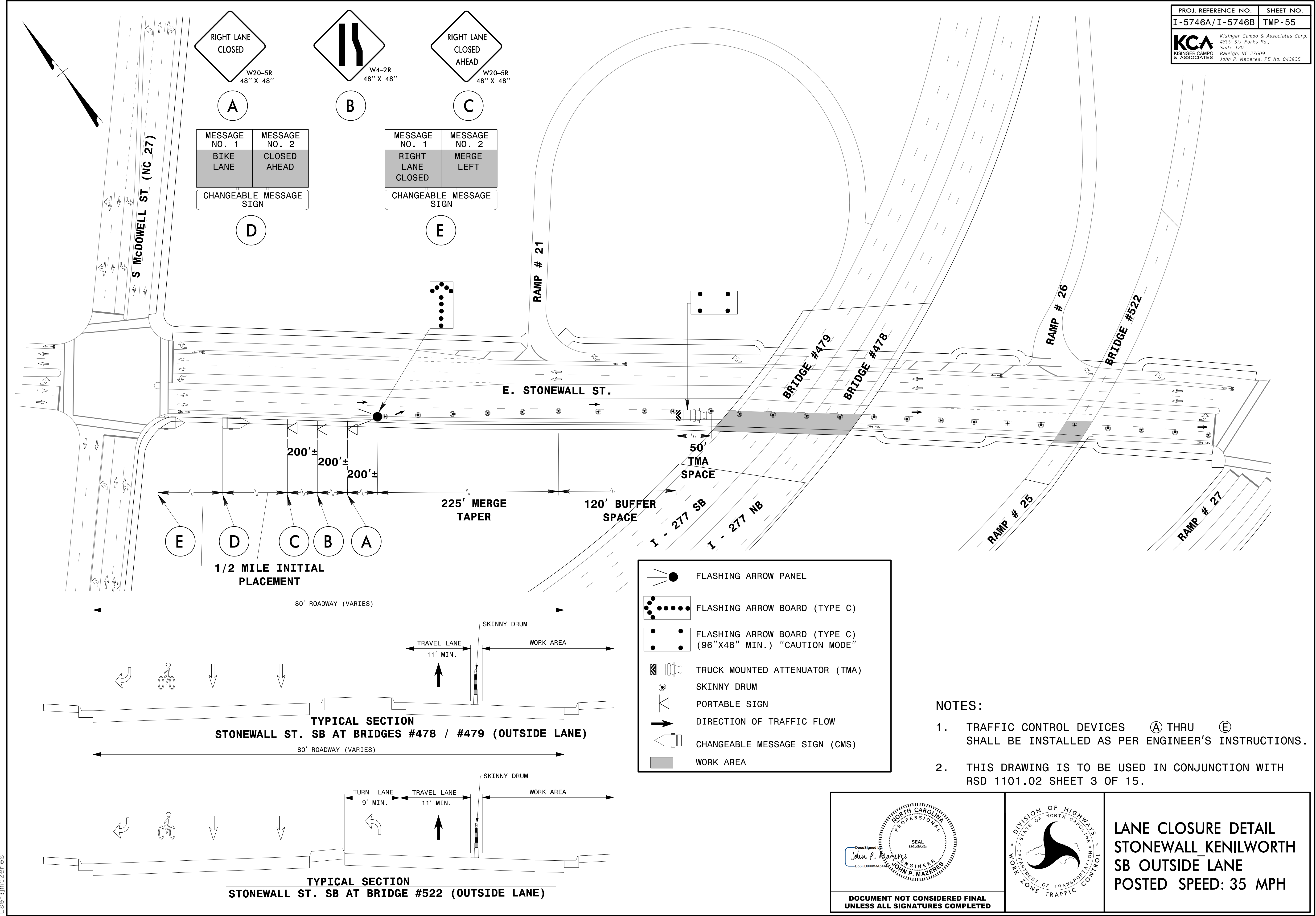

 SEAL 043935
 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 JOHN P. MAZERES, PE No. 043935

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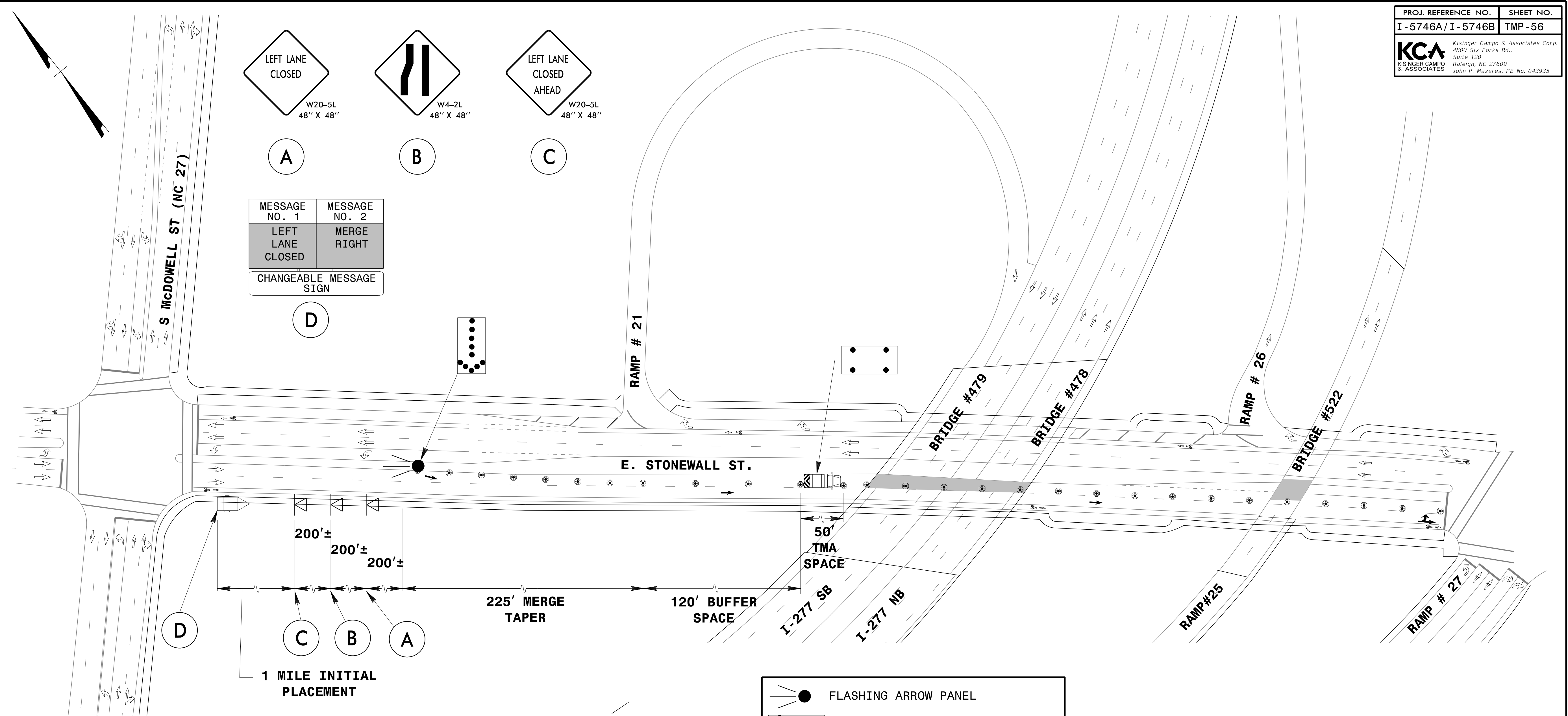


LANE CLOSURE DETAIL STONEWALL_KENILWORTH NB INSIDE LANE POSTED SPEED: 35 MPH

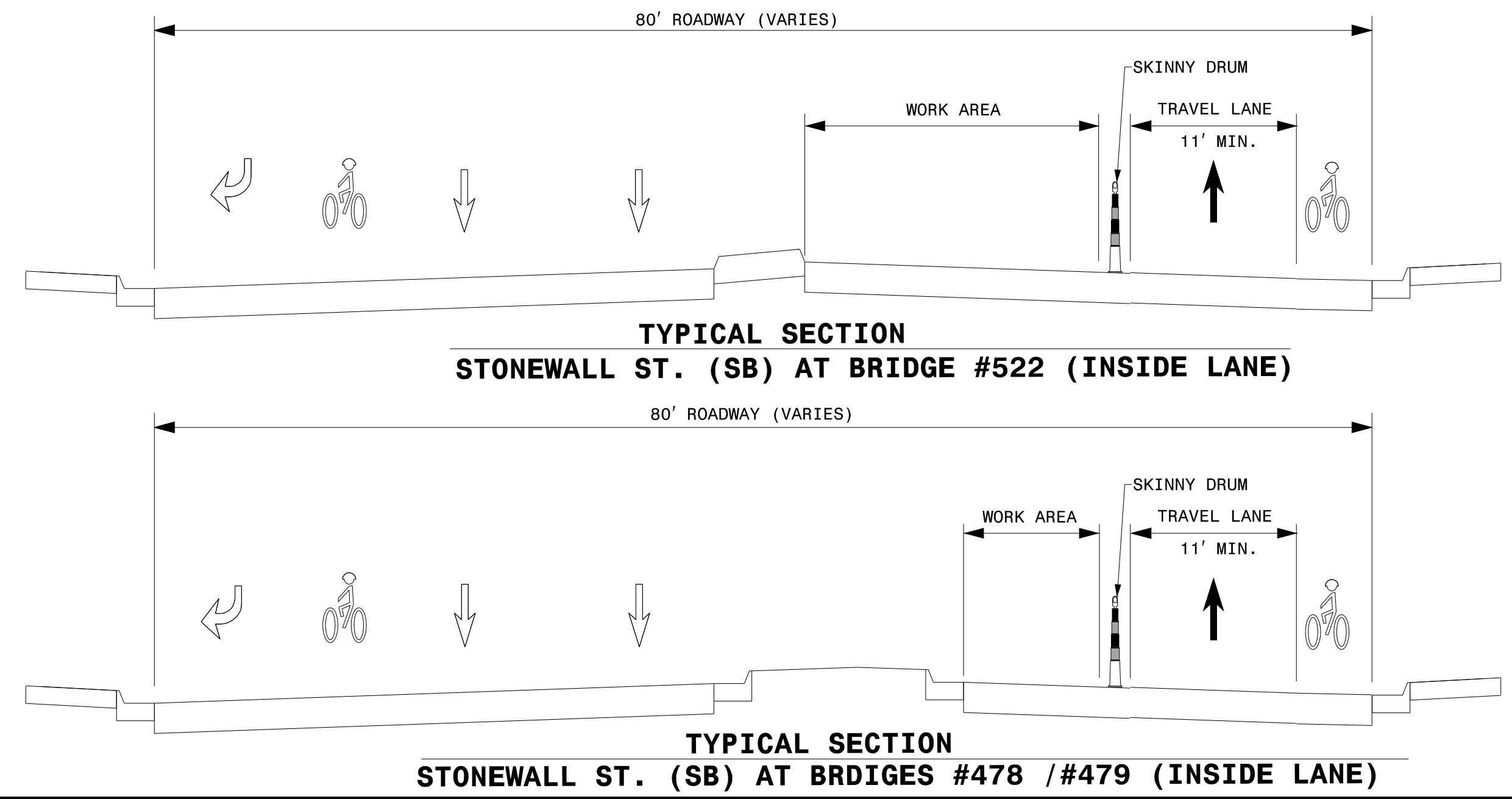
4/24/2017
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 User: jmazeres



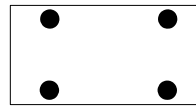
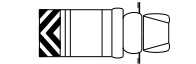

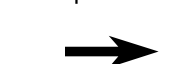
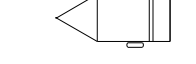




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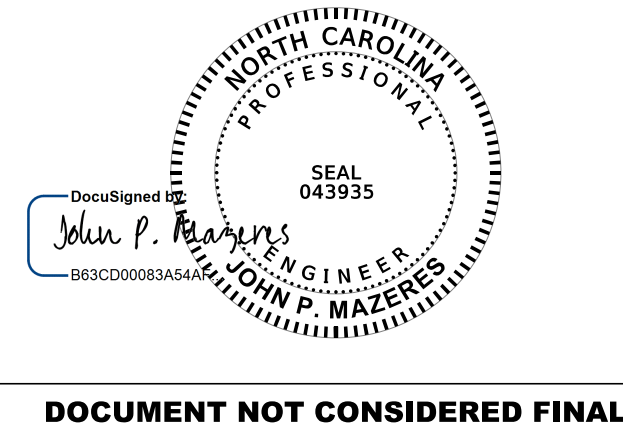


MESSAGE NO. 1	MESSAGE NO. 2
LEFT LANE CLOSED	MERGE RIGHT
CHANGEABLE MESSAGE SIGN	

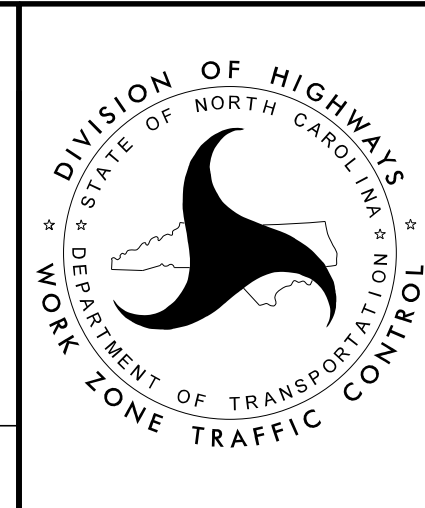


-  FLASHING ARROW PANEL
-  FLASHING ARROW BOARD (TYPE C)
-  FLASHING ARROW BOARD (TYPE C) (96"X48" MIN.) "CAUTION MODE"
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  SKINNY DRUM
-  PORTABLE SIGN
-  DIRECTION OF TRAFFIC FLOW
-  CHANGEABLE MESSAGE SIGN (CMS)
-  WORK AREA

- NOTES:**
- TRAFFIC CONTROL DEVICES (A) THRU (D) SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
 - THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.

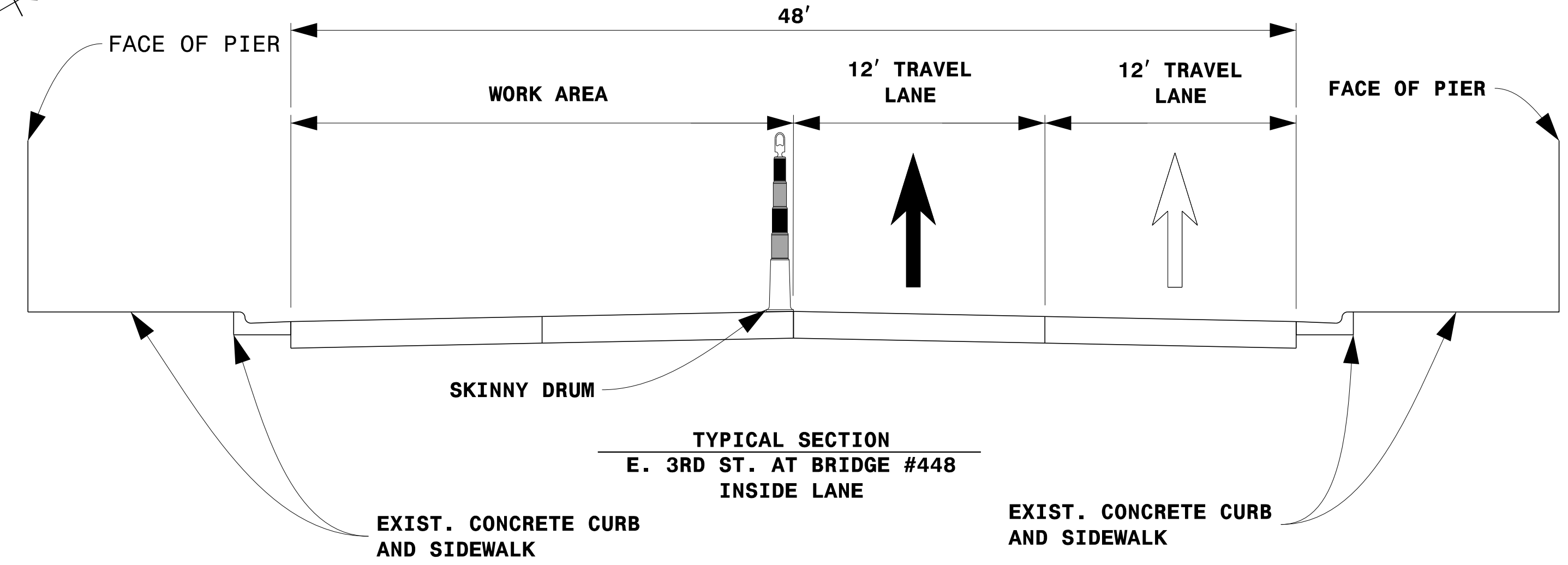
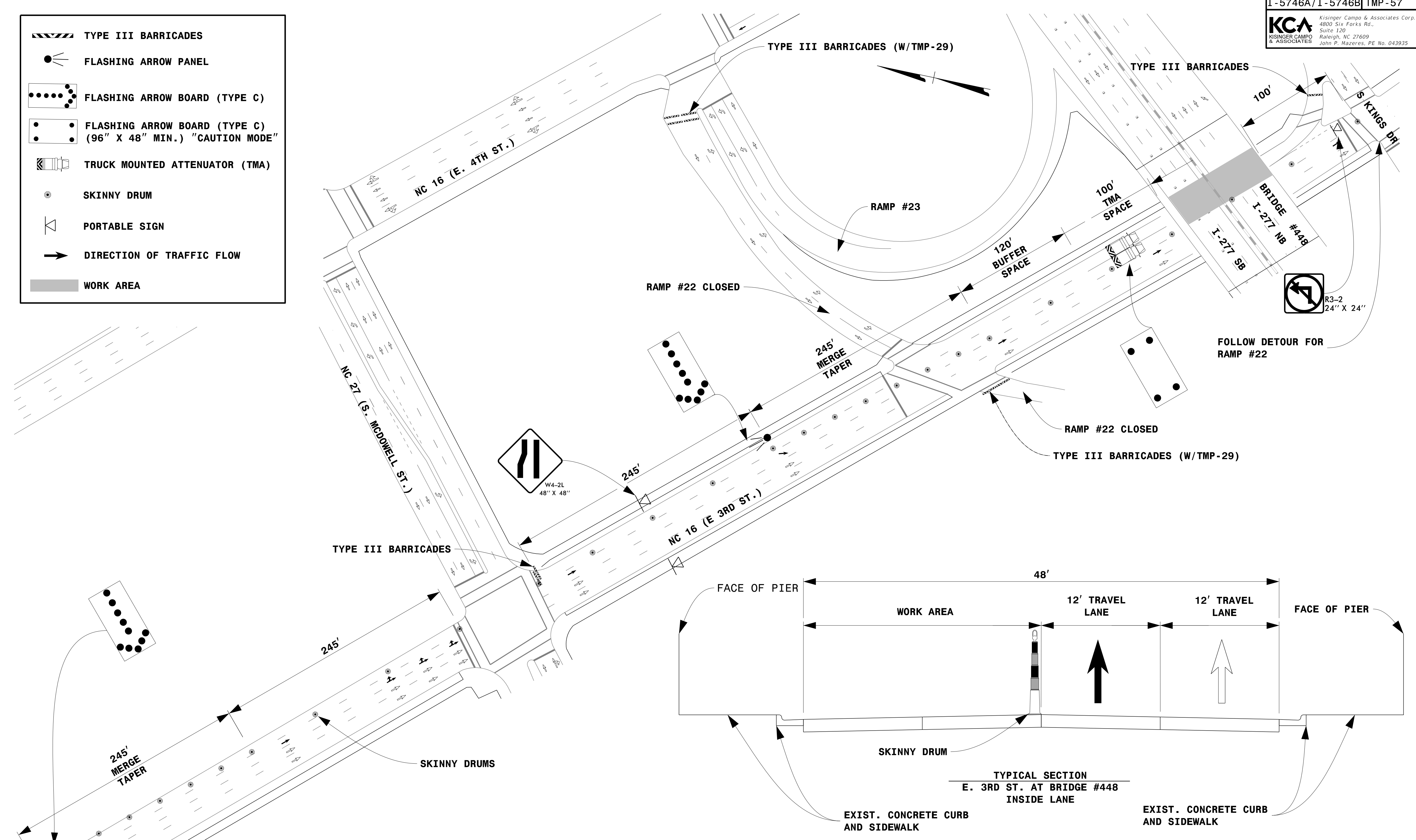
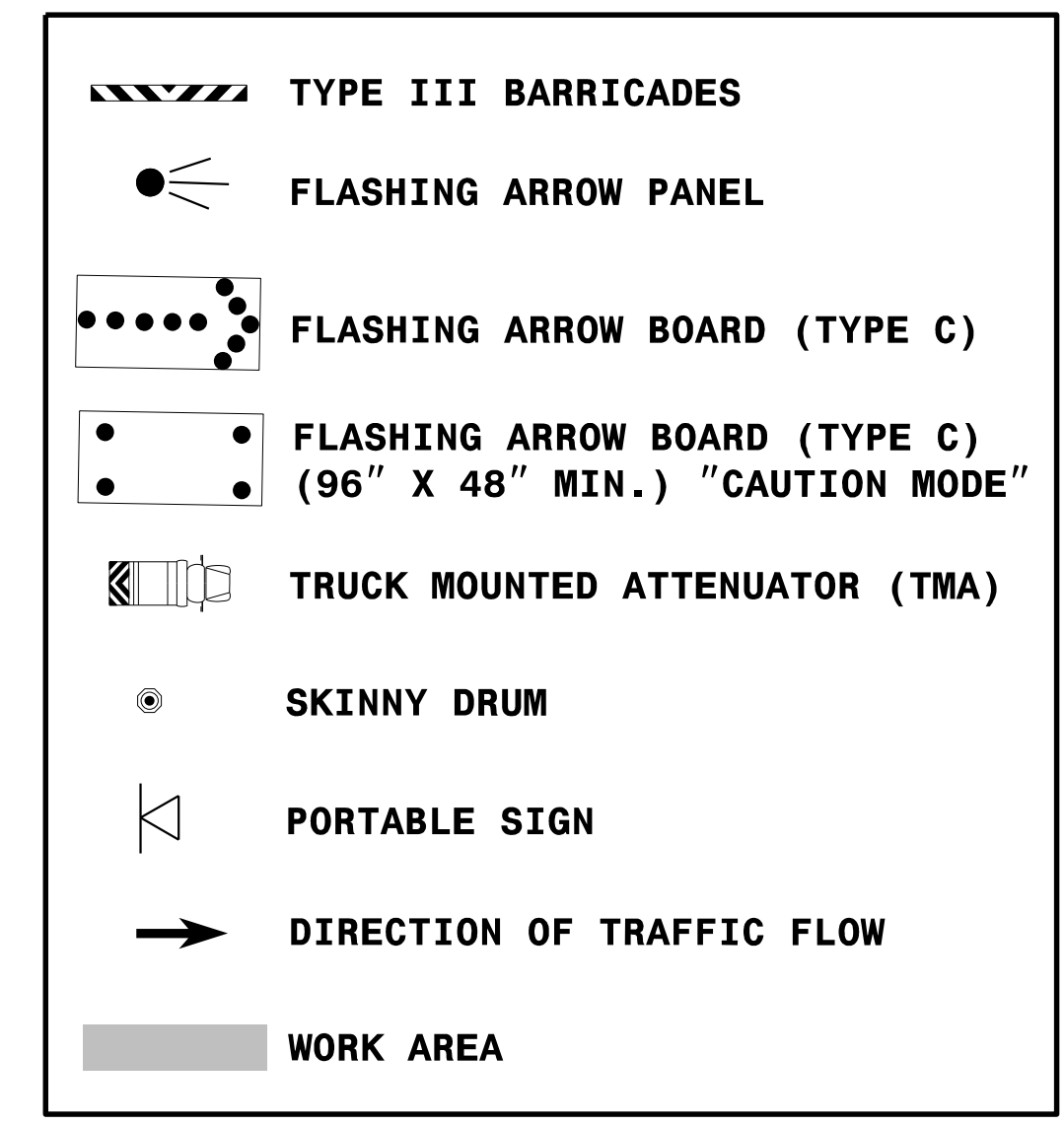
DocuSigned by

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA

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**LANE CLOSURE DETAIL
 STONEWALL_KENILWORTH
 SB INSIDE LANE
 POSTED SPEED: 35 MPH**

4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\Traffic\TrafficControl\I-5746AB_TMP56_STONEWALL_KENILWORTH_SB_IL.dgn
 User: jmazeres

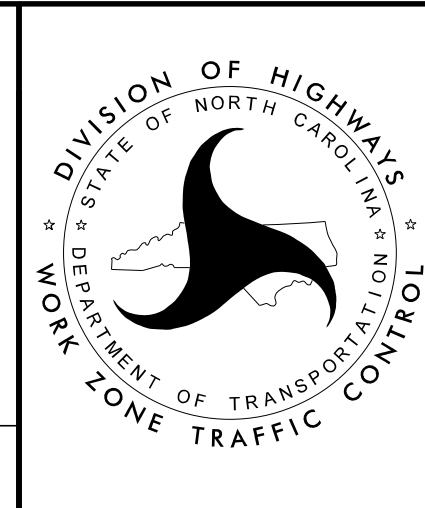


- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15 AND TMP-29 (OFFSITE DETOUR 22).
 2. FOR ADDITIONAL NOTES, SEE RSD 1101.02 SHEET 1 OF 15.

SEE RSD 1101.02
SHEET 8 OF 15



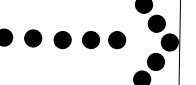





DocuSigned by:
John P. Mazeres
SEAL 043935
NORTH CAROLINA PROFESSIONAL ENGINEER
JOHN P. MAZERES

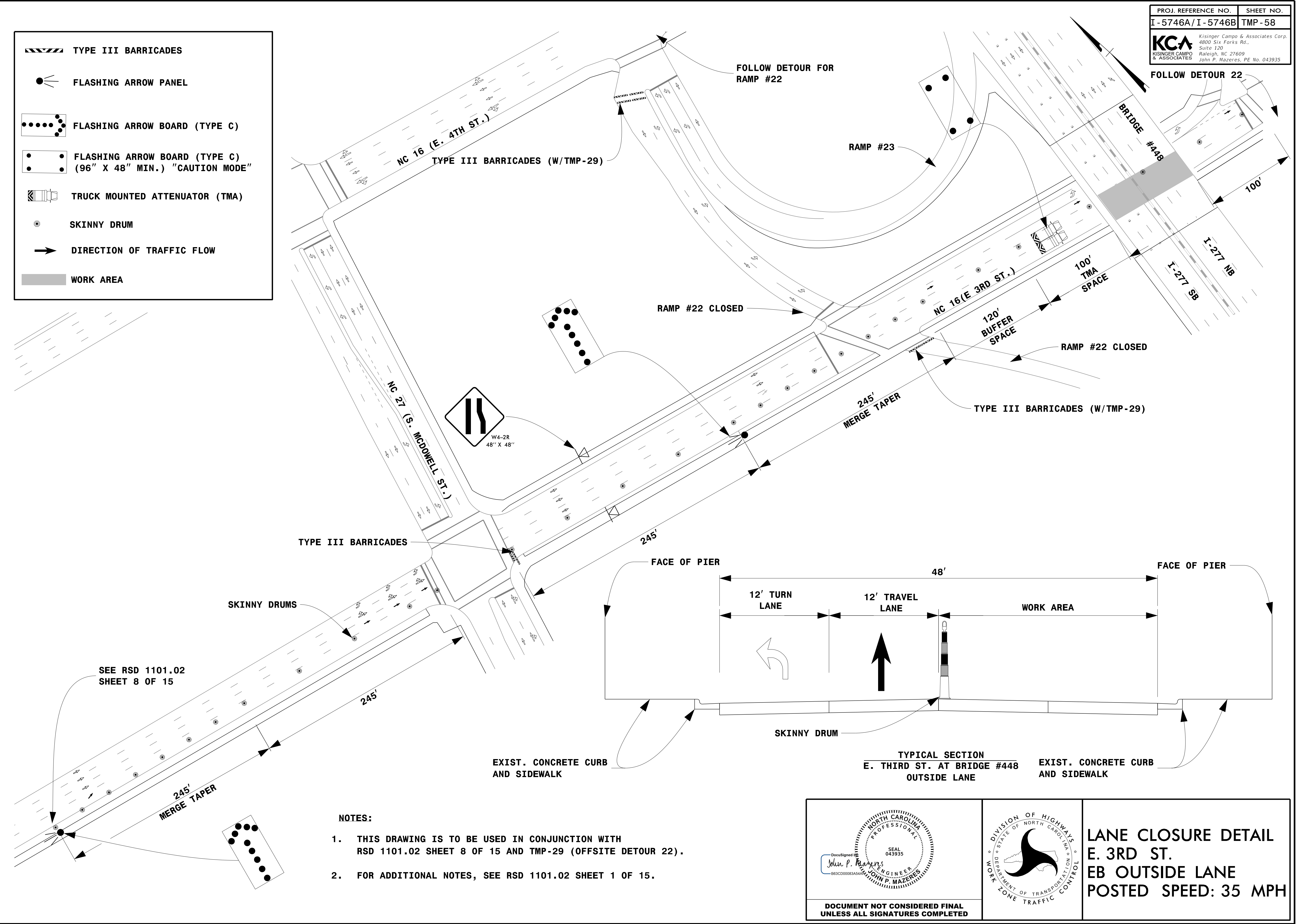
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UNLESS ALL SIGNATURES COMPLETED**



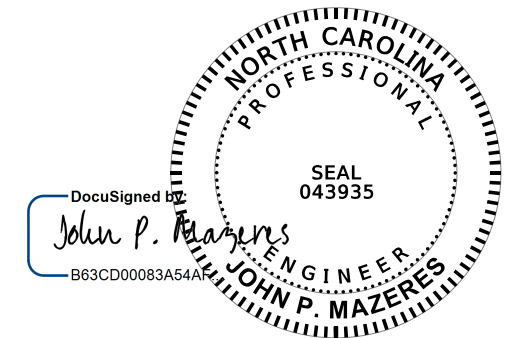
LANE CLOSURE DETAIL
E. 3RD ST.
EB INSIDE LANE
POSTED SPEED: 35 MPH

4/24/2017
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User:jmazer

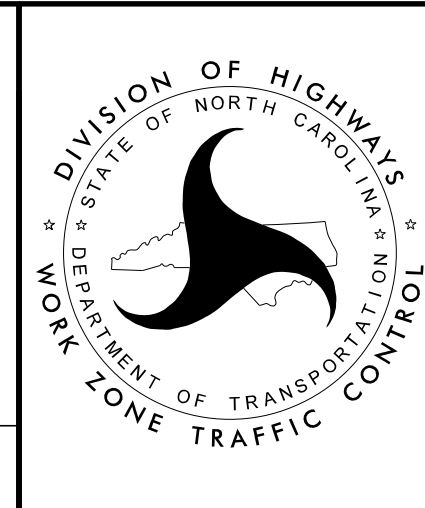
	TYPE III BARRICADES
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	DIRECTION OF TRAFFIC FLOW
	WORK AREA



- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15 AND TMP-29 (OFFSITE DETOUR 22).
 2. FOR ADDITIONAL NOTES, SEE RSD 1101.02 SHEET 1 OF 15.

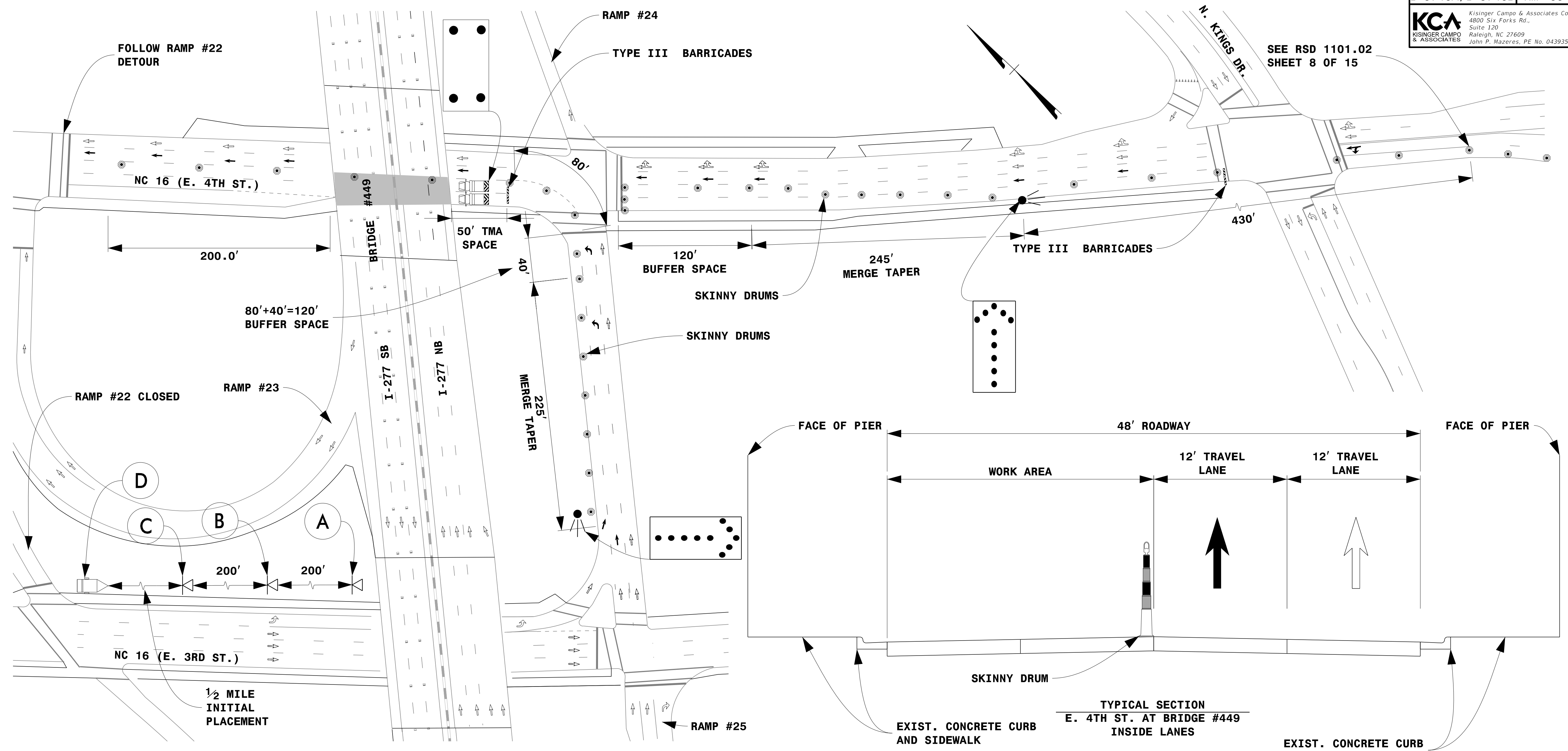
DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 SEAL 043935

**DOCUMENT NOT CONSIDERED FINAL
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**LANE CLOSURE DETAIL
 E. 3RD ST.
 EB OUTSIDE LANE
 POSTED SPEED: 35 MPH**

4/24/2017
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 User:jmazeres

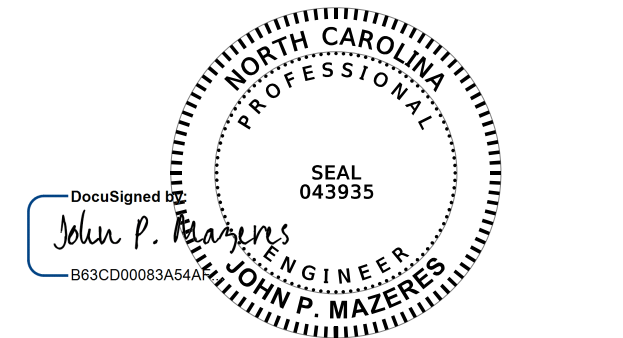


	TYPE III BARRICADES
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	CHANGEABLE MESSAGE SIGN (CMS)
	WORK AREA

W20-5 L 48" X 48"	W4-2L 48" X 48"	W20-5 L 48" X 48"
A	B	C


MESSAGE NO. 1	MESSAGE NO. 2
LEFT LANE CLOSED	MERGE RIGHT
CHANGEABLE MESSAGE SIGN	
D	

- NOTES:**
- TRAFFIC CONTROL DEVICES (A) THRU (D) SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
 - THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15, RSD 1102.02 SHEET 8 OF 15 AND TMP-29 (OFFSITE DETOUR 22).

DocuSigned by:

 JOHN P. MAZERES, P.E.
 043935

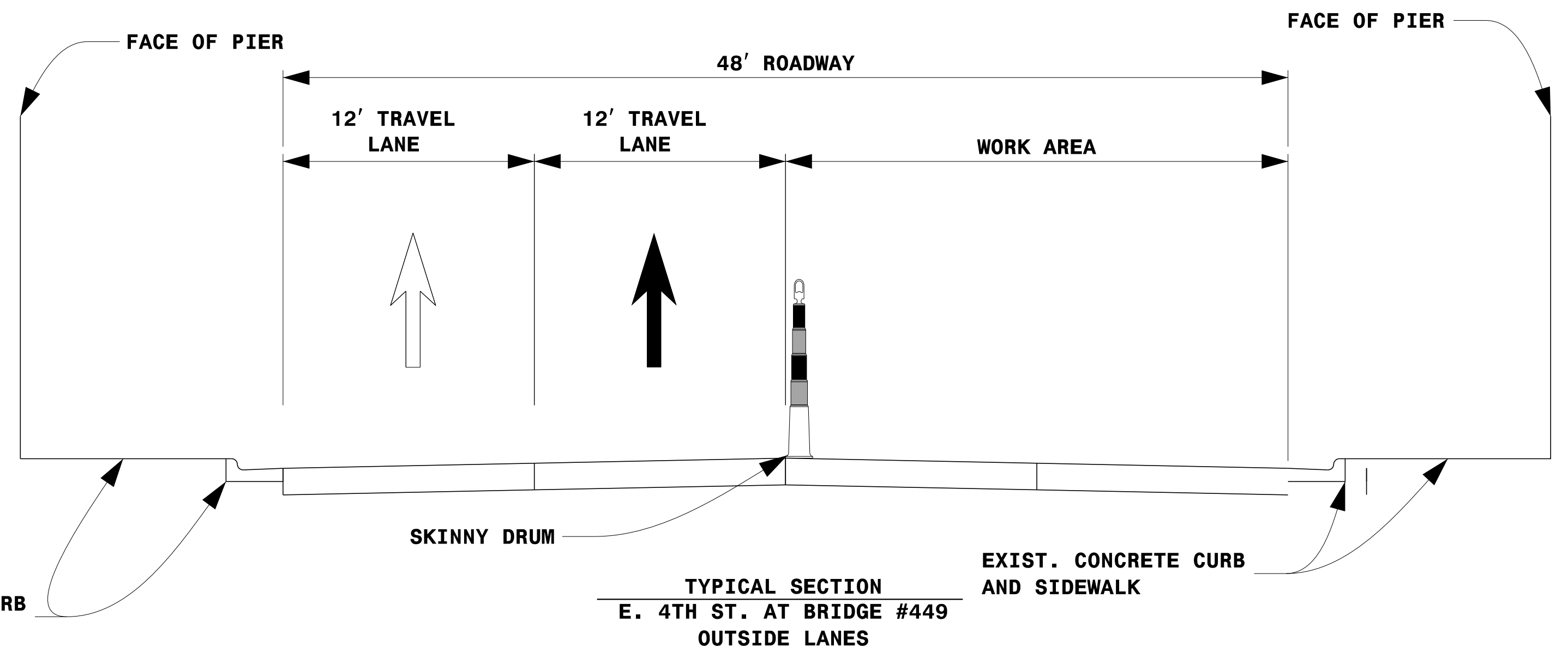
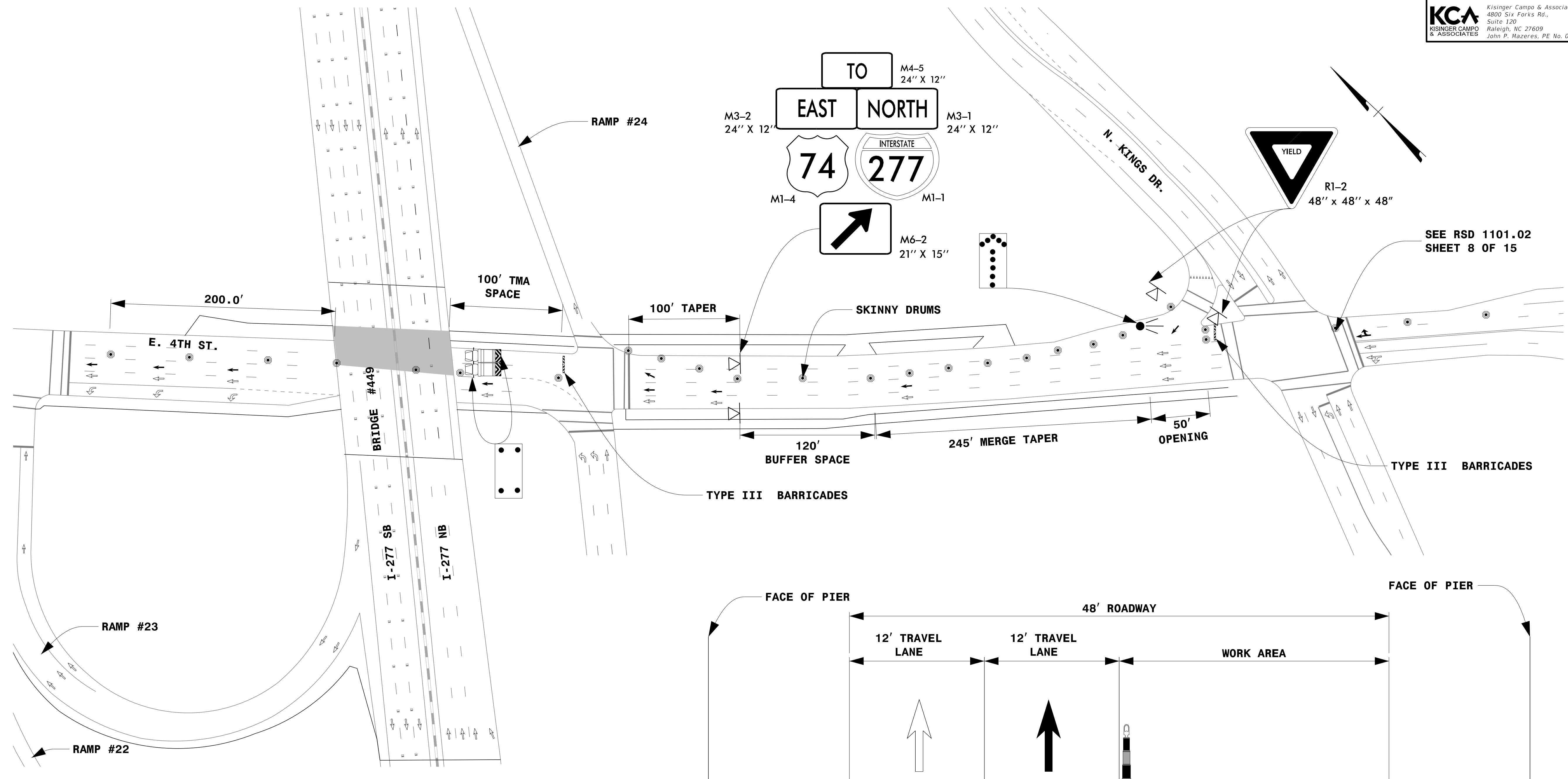
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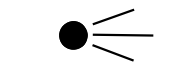




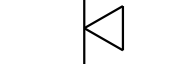


DIVISION OF HIGHWAYS
 STATE OF NORTH CAROLINA
 DEPARTMENT OF TRANSPORTATION
 WORK ZONE TRAFFIC CONTROL



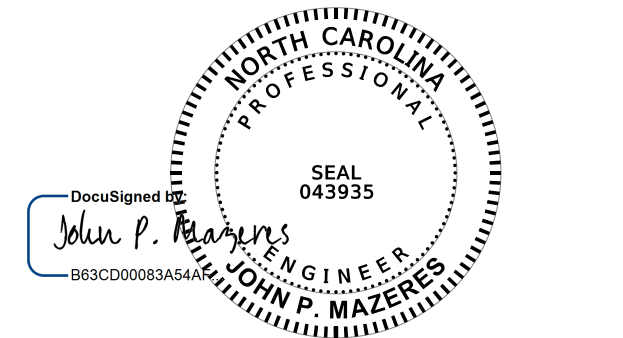
LANE CLOSURE DETAIL
 E. 4TH ST.
 WB INSIDE LANES
 POSTED SPEED: 35 MPH

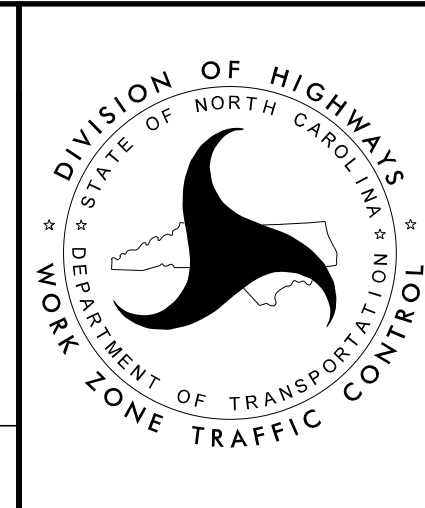
4/24/2017
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 User: jmazeres



-  TYPE III BARRICADES
-  FLASHING ARROW PANEL
-  FLASHING ARROW BOARD (TYPE C)
-  FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
-  TRUCK MOUNTED ATTENUATOR (TMA)
-  SKINNY DRUM
-  PORTABLE SIGN
-  DIRECTION OF TRAFFIC FLOW
-  WORK AREA

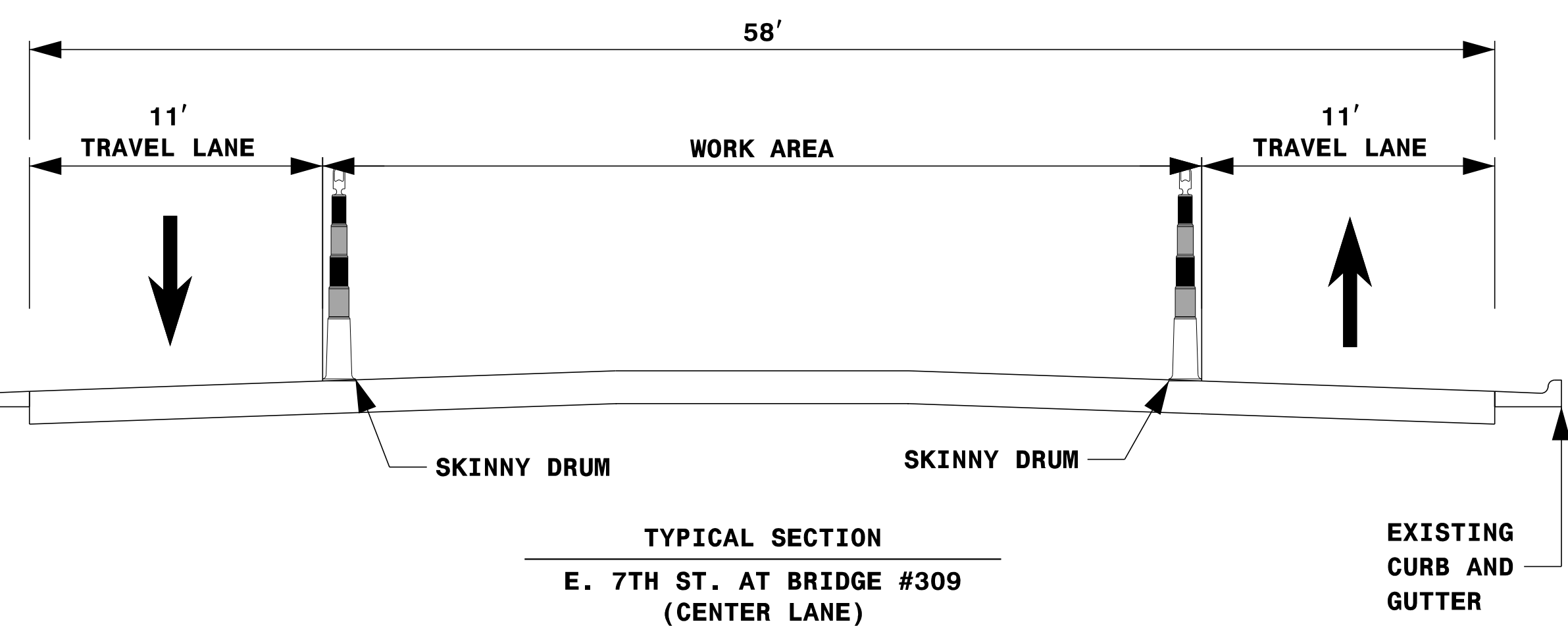
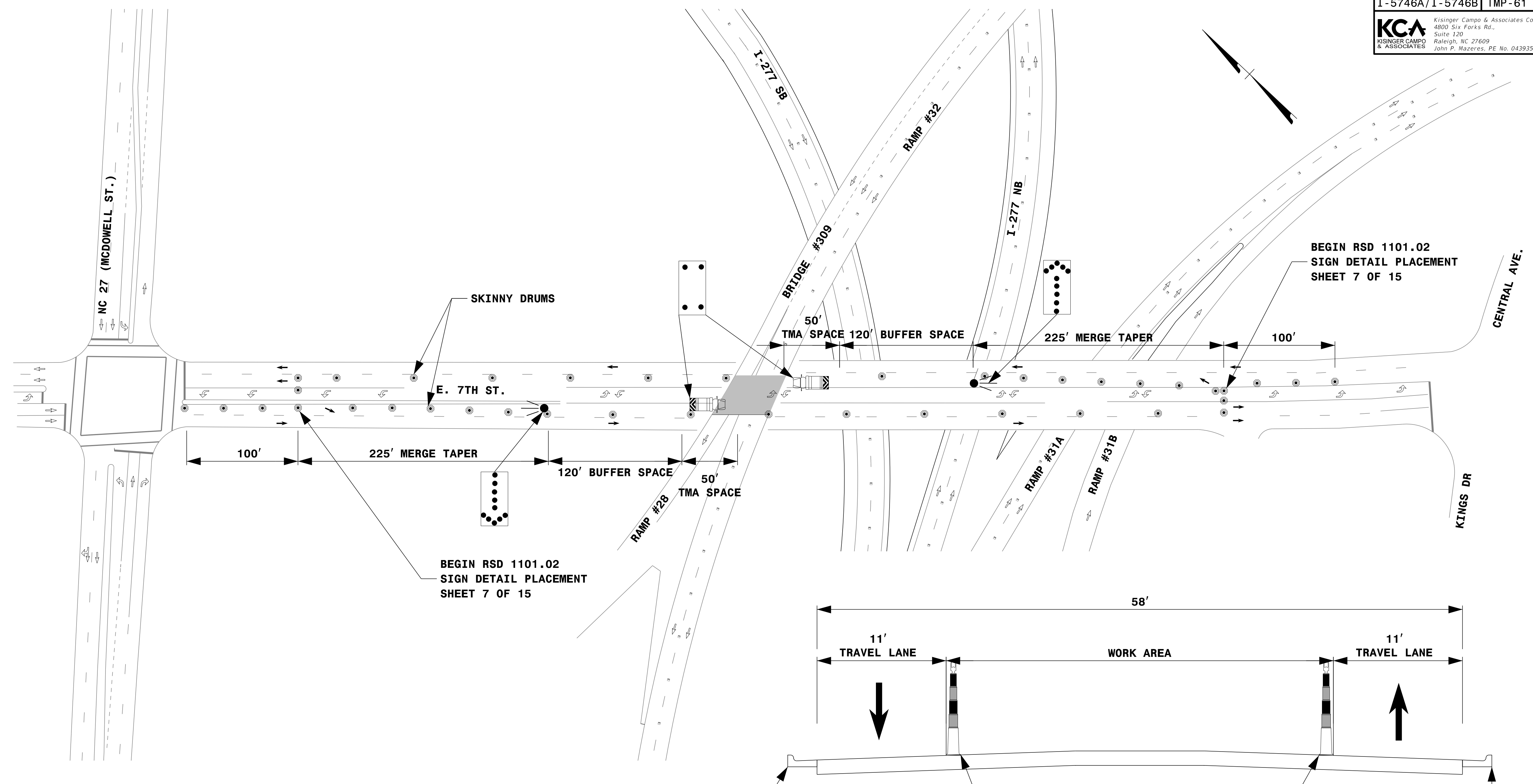
- NOTES:**
- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
 - FOR ADDITIONAL NOTES, SEE RSD 1101.02 SHEET 1 OF 15.


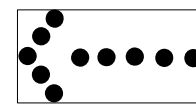






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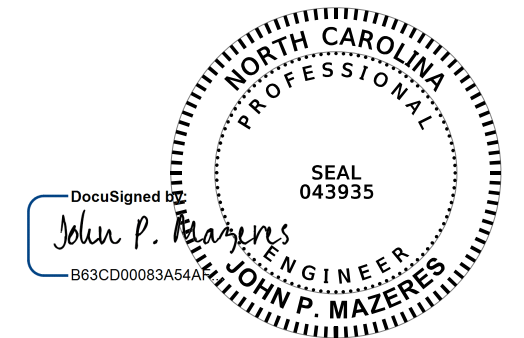
LANE CLOSURE DETAIL
E. 4TH ST.
WB OUTSIDE LANES
POSTED SPEED: 35 MPH

4/24/2017
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 User: jmazeres

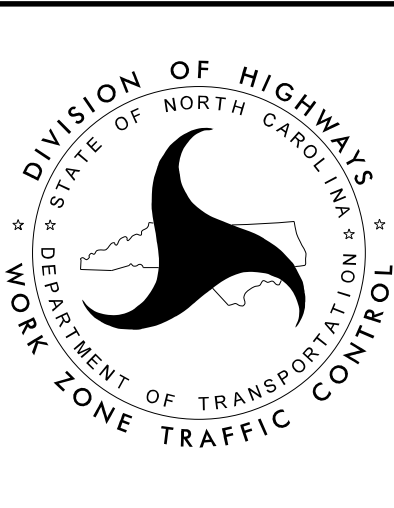


	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	DIRECTION OF TRAFFIC FLOW
	WORK AREA

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 7 OF 15.
 2. FOR ADDITIONAL NOTES, SEE RSD 1101.02 SHEET 1 OF 15.

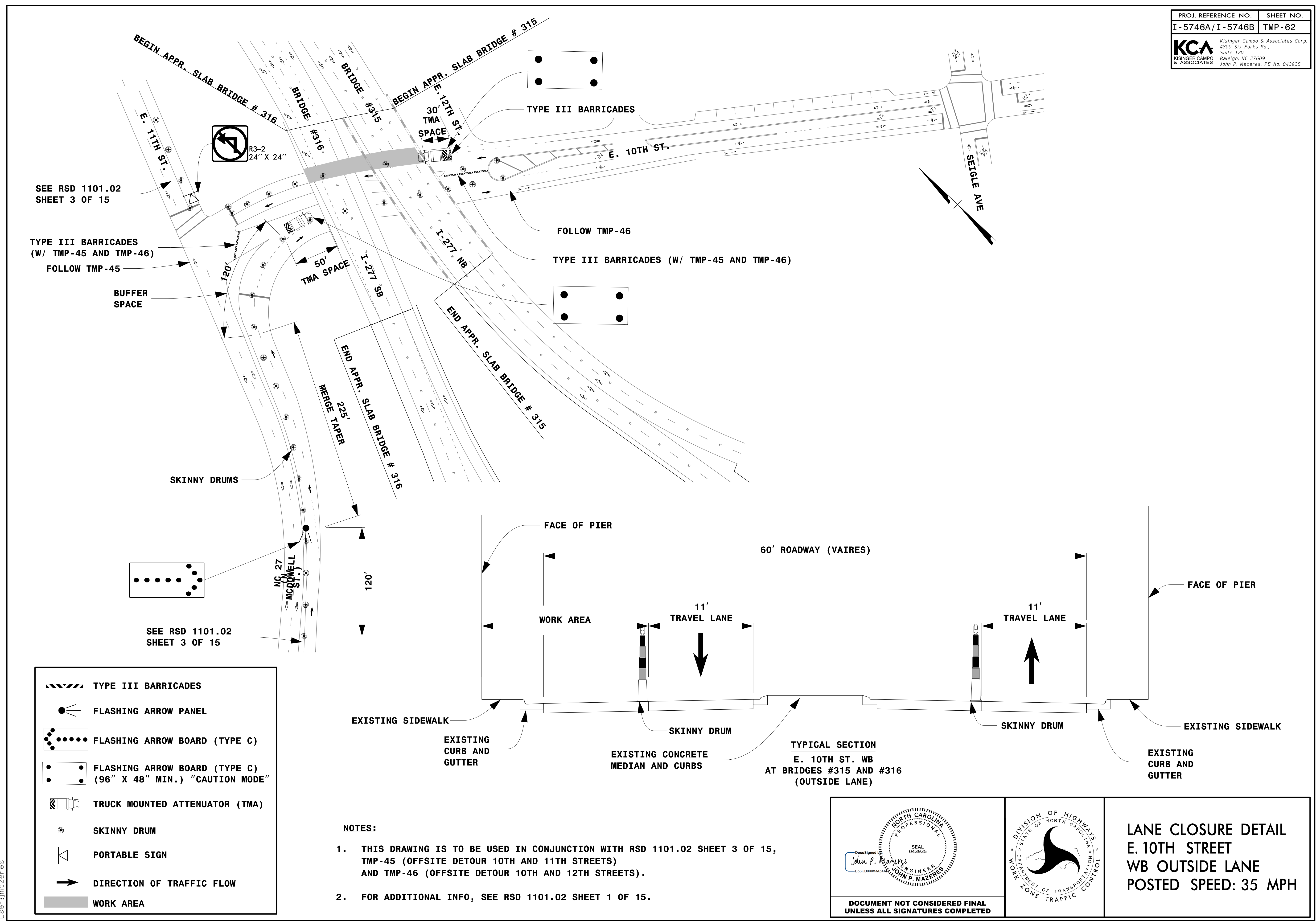
DocuSigned by:

 JOHN P. MAZER, PE
 No. 043935

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**LANE CLOSURE DETAIL
 E. 7TH ST.
 CENTER LANE
 POSTED SPEED: 35 MPH**

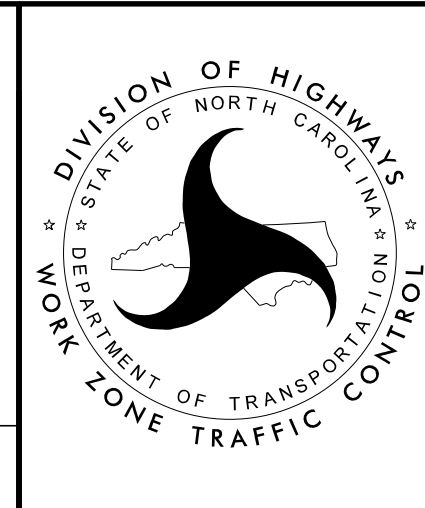
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 User: jmazeres



	TYPE III BARRICADES
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	WORK AREA

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15, TMP-45 (OFFSITE DETOUR 10TH AND 11TH STREETS) AND TMP-46 (OFFSITE DETOUR 10TH AND 12TH STREETS).
 2. FOR ADDITIONAL INFO, SEE RSD 1101.02 SHEET 1 OF 15.

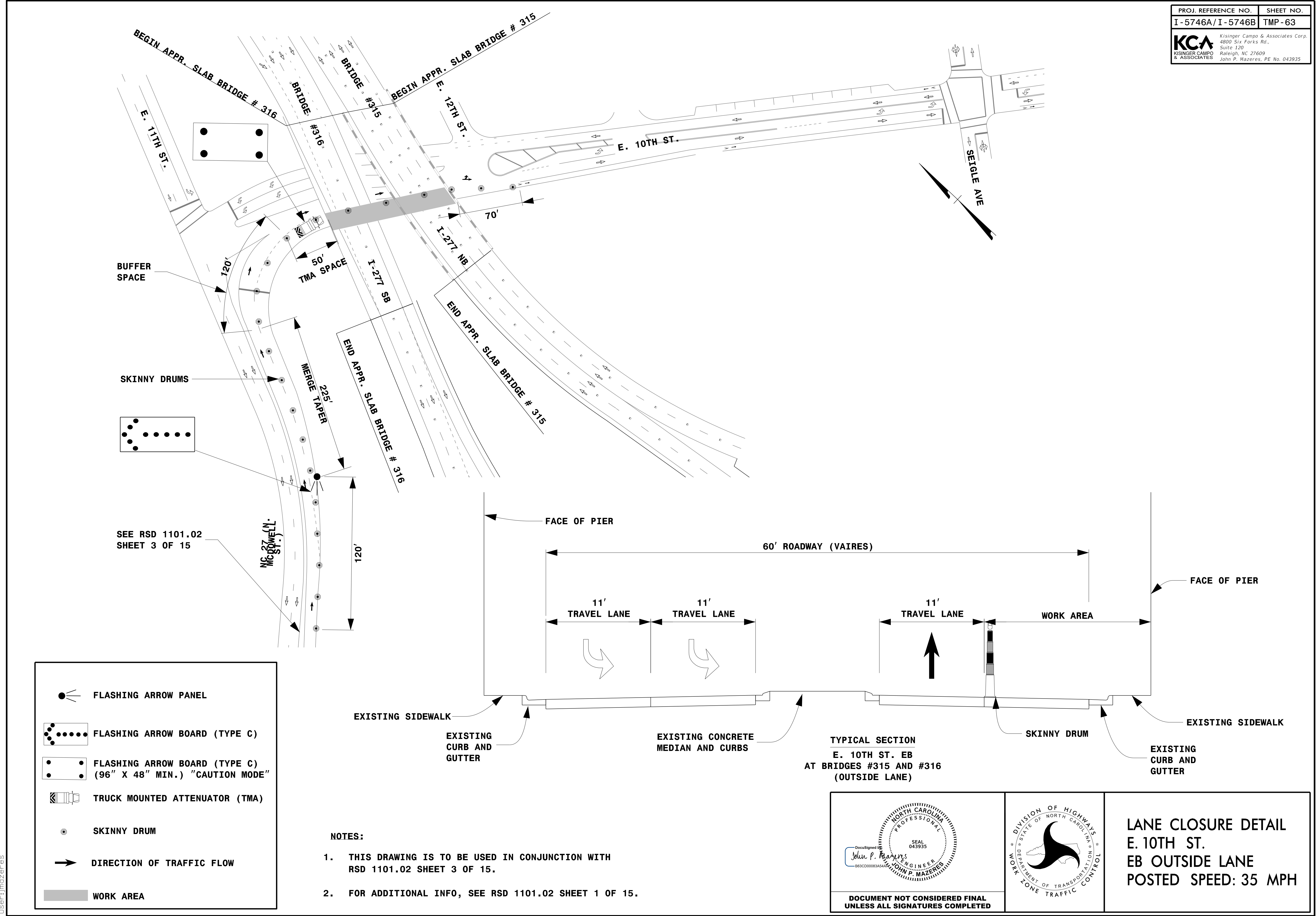
DocuSigned by:
John P. Mazeres
SEAL 043935
PROFESSIONAL ENGINEER
JOHN P. MAZERES


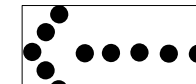

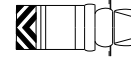





LANE CLOSURE DETAIL
E. 10TH STREET
WB OUTSIDE LANE
POSTED SPEED: 35 MPH

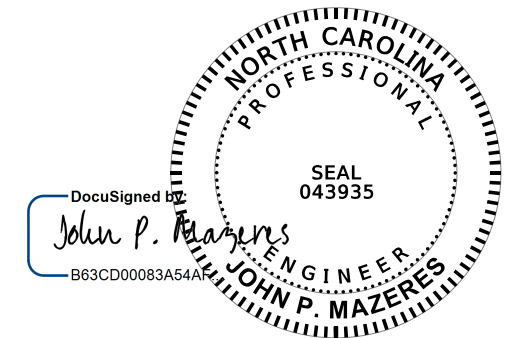
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UNLESS ALL SIGNATURES COMPLETED

4/24/2017
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User:jmazer

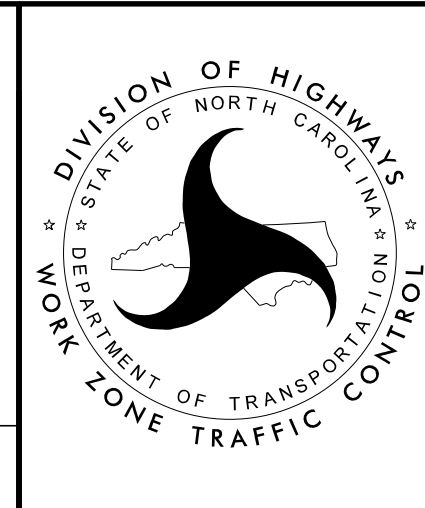


	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	DIRECTION OF TRAFFIC FLOW
	WORK AREA

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.
 2. FOR ADDITIONAL INFO, SEE RSD 1101.02 SHEET 1 OF 15.

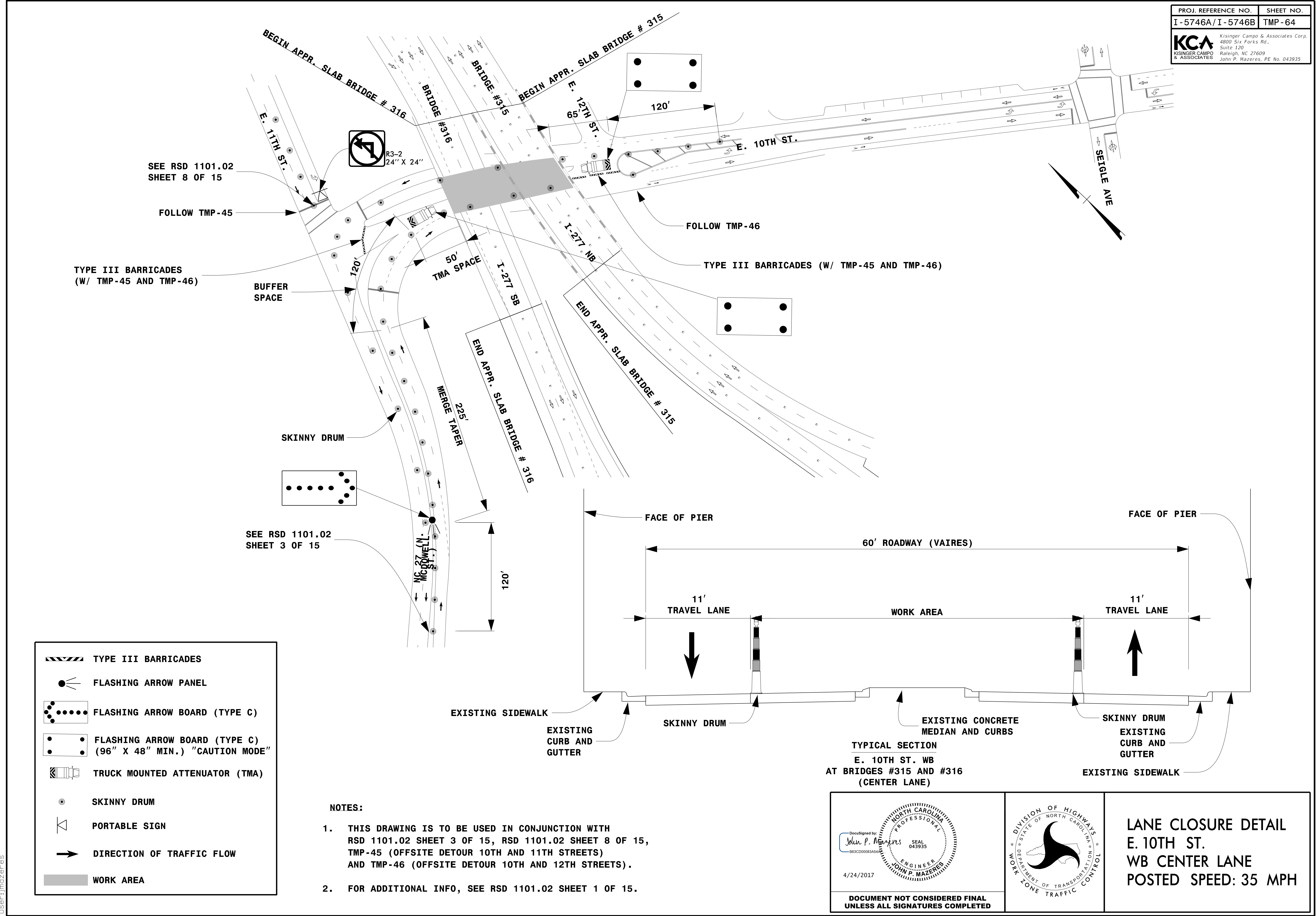
DocuSigned by

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 NO. 043935


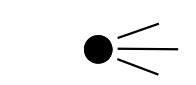


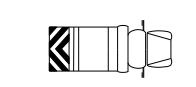

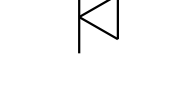
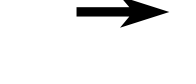

**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



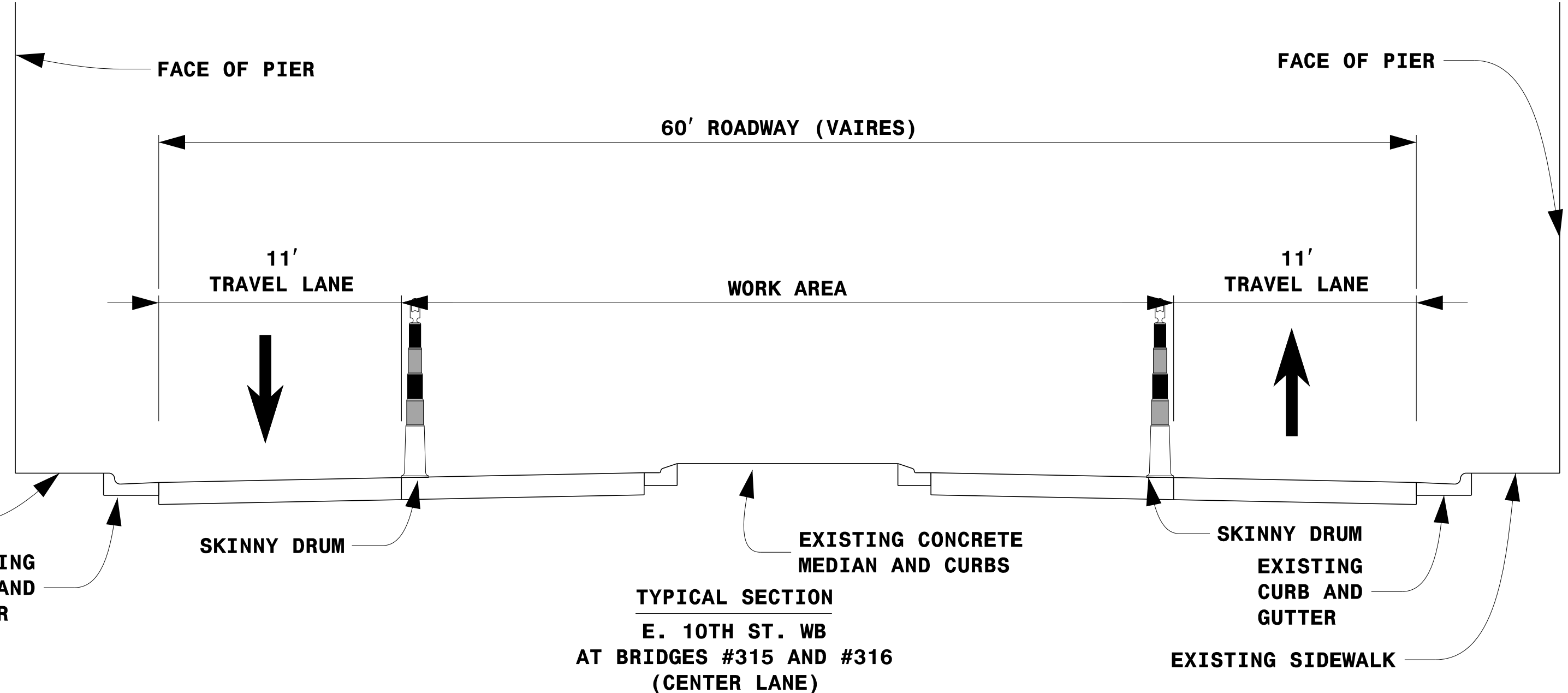
**LANE CLOSURE DETAIL
 E. 10TH ST.
 EB OUTSIDE LANE
 POSTED SPEED: 35 MPH**


4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TCP\200_08_I5746AB_TMP63_10TH EB_01.dgn
 User: jmazeres



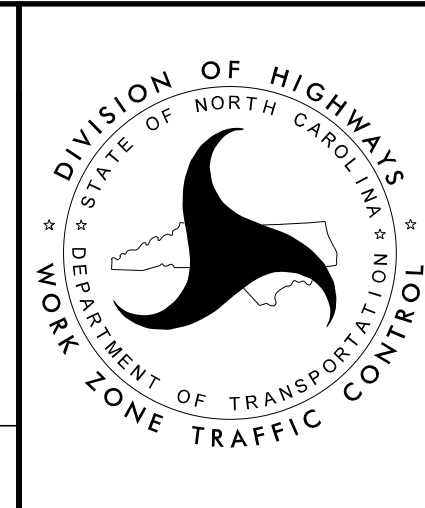
	TYPE III BARRICADES
	FLASHING ARROW PANEL
	FLASHING ARROW BOARD (TYPE C)
	FLASHING ARROW BOARD (TYPE C) (96" X 48" MIN.) "CAUTION MODE"
	TRUCK MOUNTED ATTENUATOR (TMA)
	SKINNY DRUM
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	WORK AREA

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15, RSD 1101.02 SHEET 8 OF 15, TMP-45 (OFFSITE DETOUR 10TH AND 11TH STREETS) AND TMP-46 (OFFSITE DETOUR 10TH AND 12TH STREETS).
 2. FOR ADDITIONAL INFO, SEE RSD 1101.02 SHEET 1 OF 15.



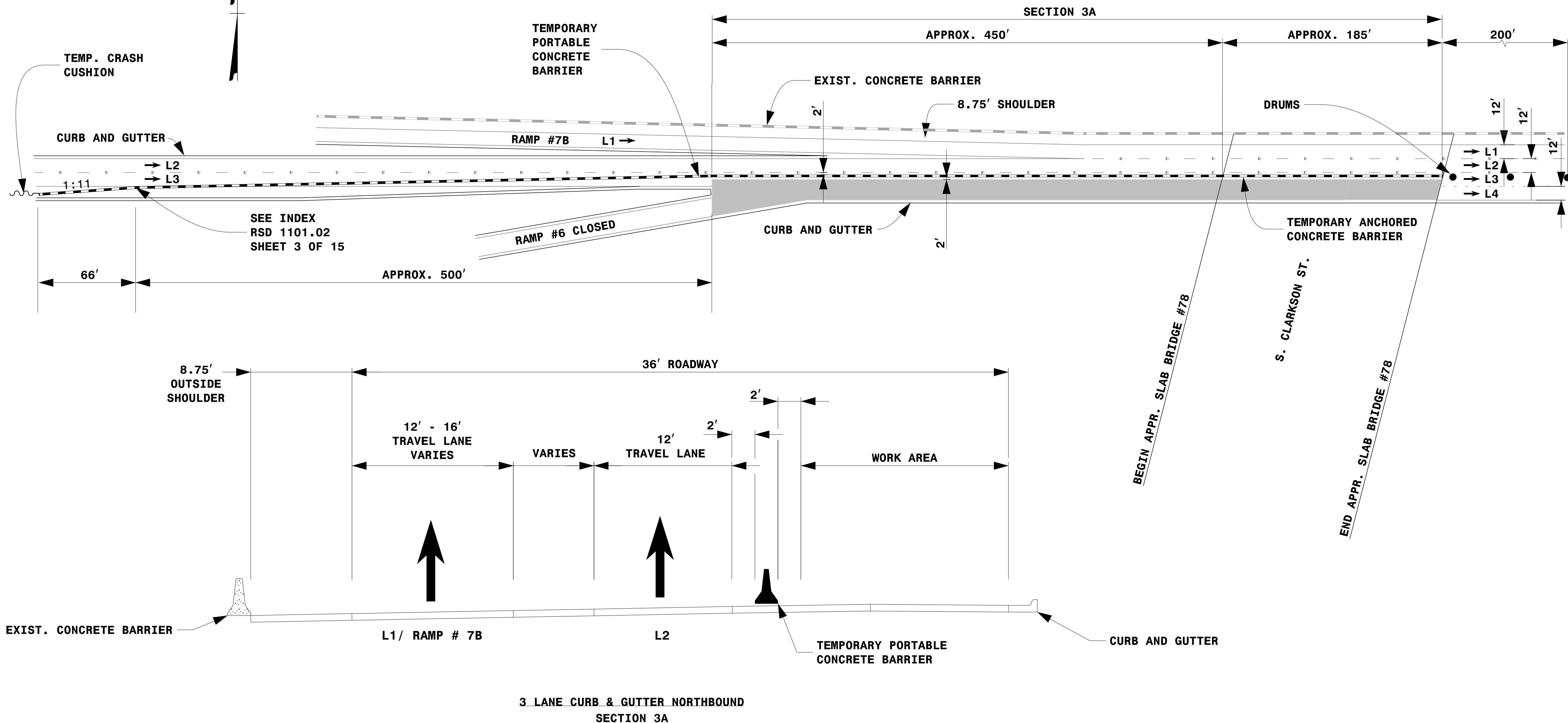
DocuSigned by:

 4/24/2017

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



**LANE CLOSURE DETAIL
 E. 10TH ST.
 WB CENTER LANE
 POSTED SPEED: 35 MPH**

4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TCP\200_08_I5746AB_TMP64_10TH CL.dgn
 User:jmazer



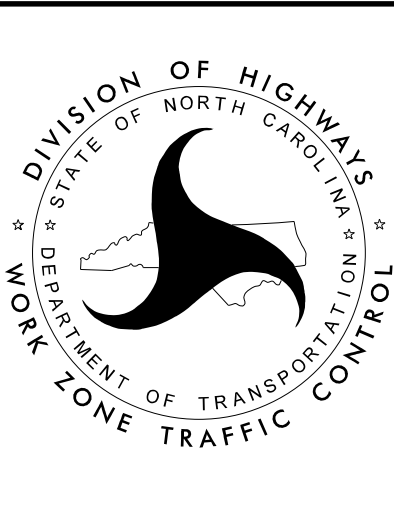
LEGEND	
	TEMPORARY CRASH CUSHION
	TEMPORARY PORTABLE CONCRETE BARRIER
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-13 (OFFSITE DETOUR 6) AND RSD 1101.02 SHEET 3 OF 15.
 2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
 3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
 4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

STEP 1


DocuSigned by:
John P. Mazer
SEAL 043935
ENGINEER
JOHN P. MAZER

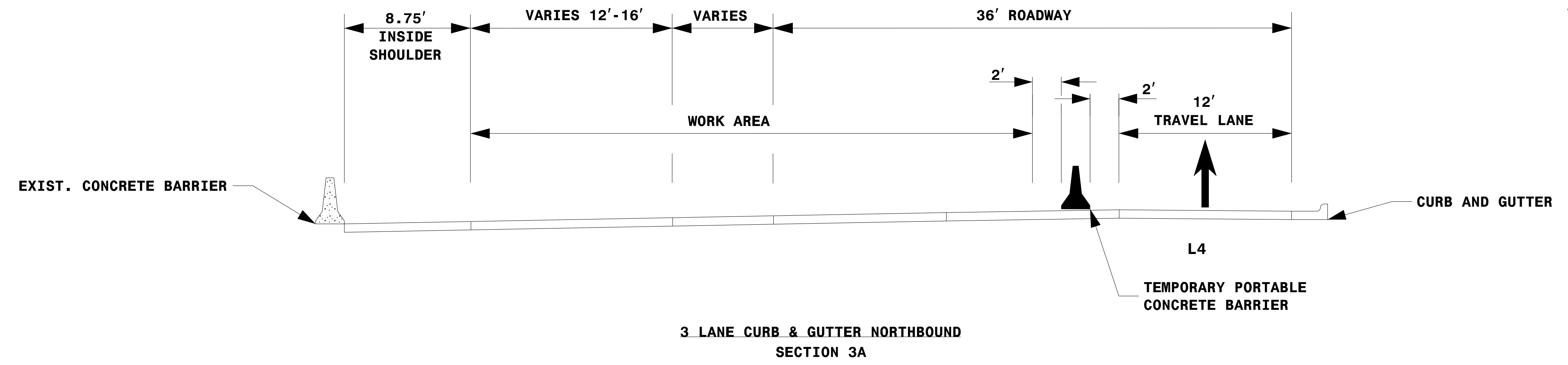
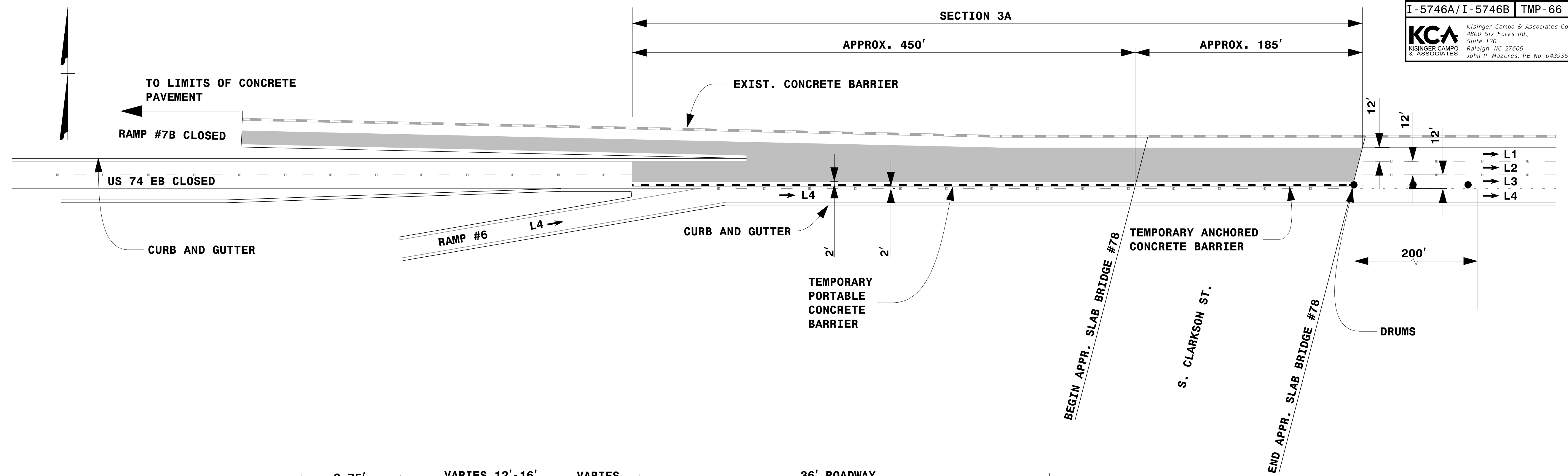
**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**







LANE CLOSURE DETAIL
3 LANE CURB AND
GUTTER SECTION 3A:
NORTHBOUND
(STEP 1 OF 2)

4/24/2017
Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TCP\200_09_I5746AB_TMP65_3A_NB.tif (1 of 2).dgn
User: jmazeres

PROJ. REFERENCE NO. I-5746A/I-5746B	SHEET NO. TMP-66
 Kisinger Campo & Associates Corp. 4800 Six Forks Rd., Suite 120 Raleigh, NC 27609 John P. Mazeres, PE No. 043935	

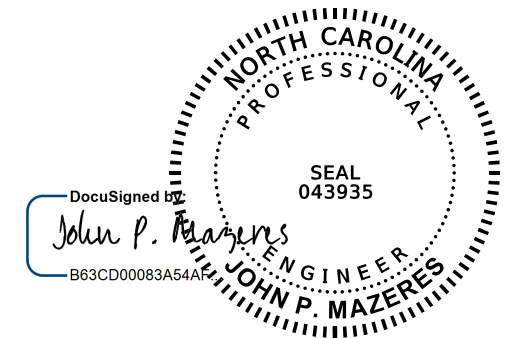


LEGEND	
	TEMPORARY PORTABLE CONCRETE BARRIER
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

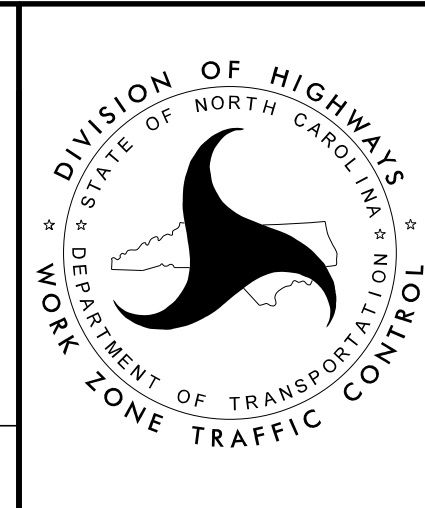
NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-14 (OFFSITE DETOUR 7A), TMP-15 (OFFSITE DETOUR 7B) AND DETOUR TMP-42 (OFFSITE DETOUR US 74 EB WEST OF BRIDGE #44).
2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

STEP 2

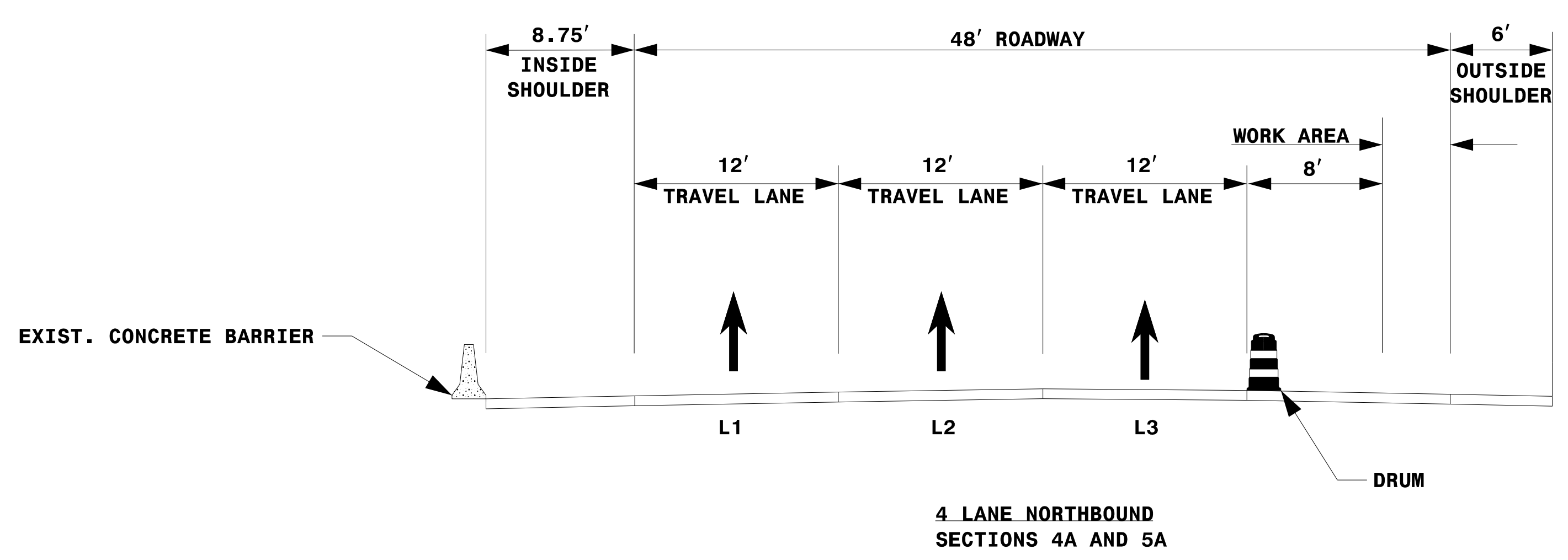
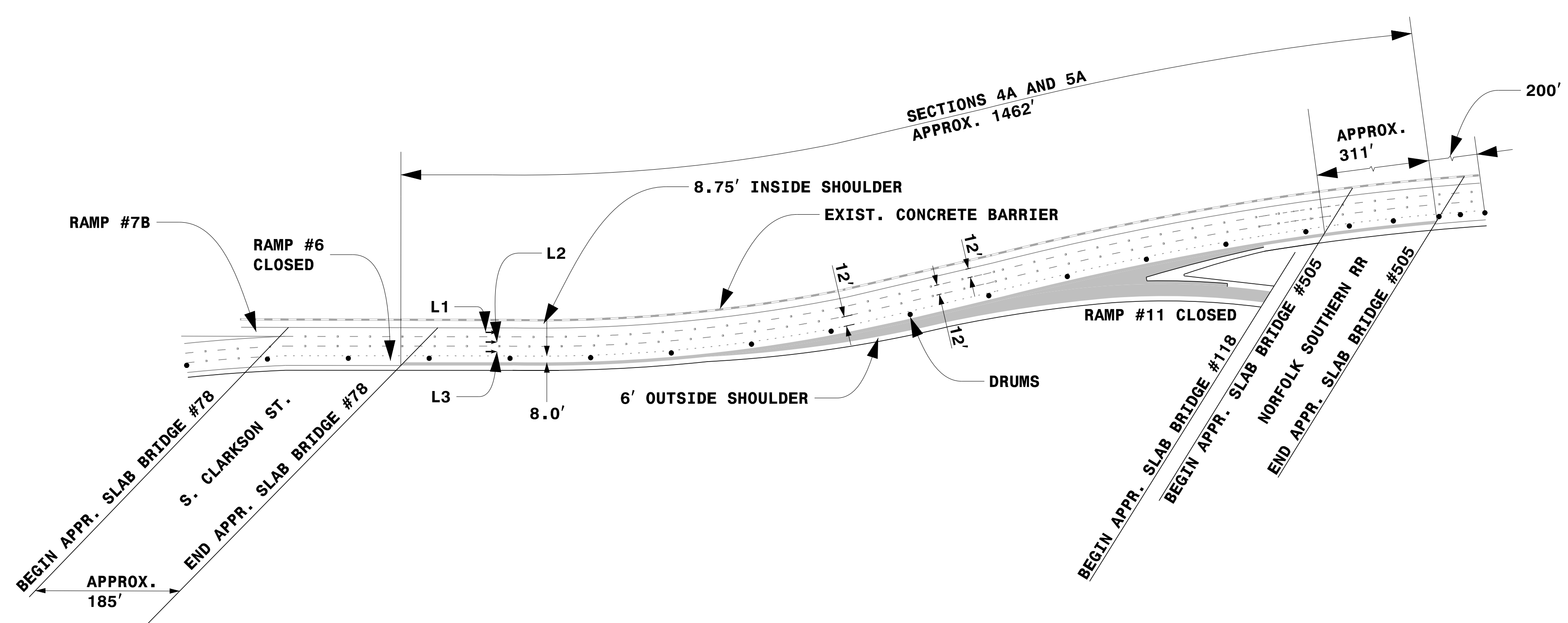
DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 NO. 043935

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



LANE CLOSURE DETAIL
 3 LANE CURB AND
 GUTTER SECTION 3A:
 NORTHBOUND
 (STEP 2 OF 2)

4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TOP\200_09\J5746AB_TMP66_3A_NB_V2 OF 2.dgn
 User: jmazeres



LEGEND

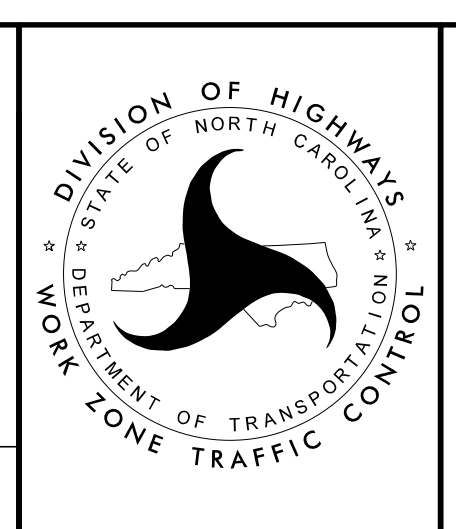
- DIRECTION OF TRAFFIC FLOW
- TRAFFIC DRUM
- WORK AREA

- NOTES**
- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-13 (OFFSITE DETOUR 6) AND TMP-18 (OFFSITE DETOUR 11).
 - FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAILS B & C.
 - FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
 - SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

STEP 1

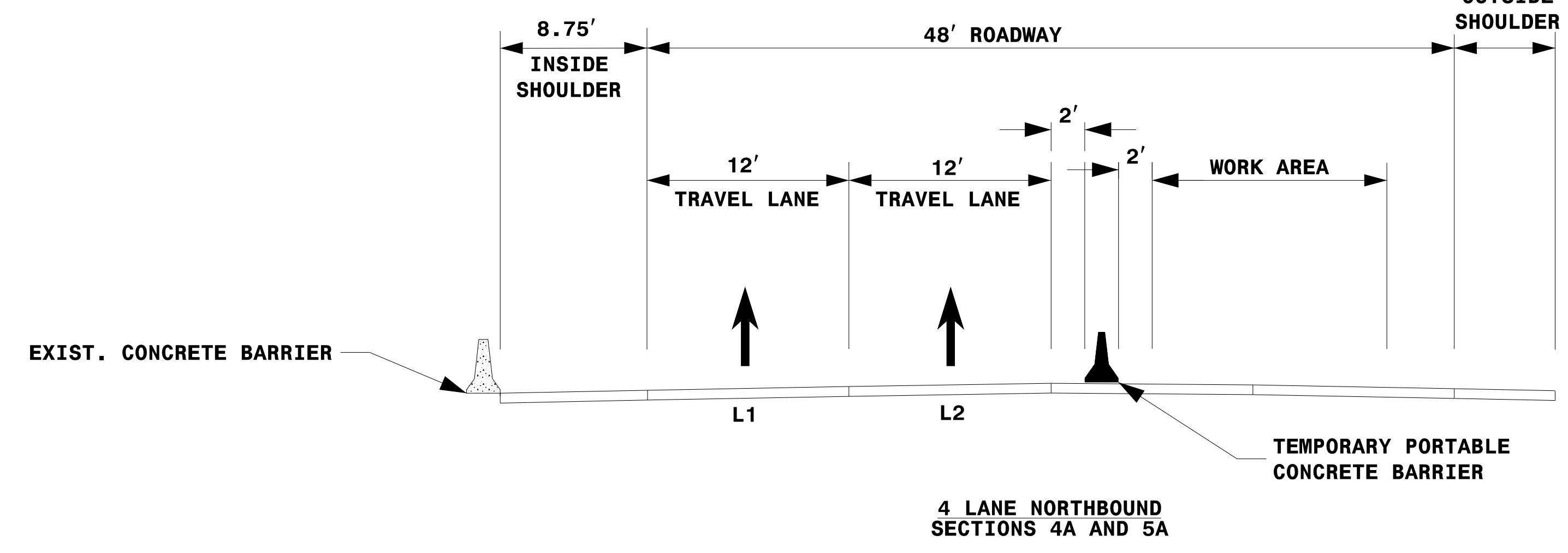
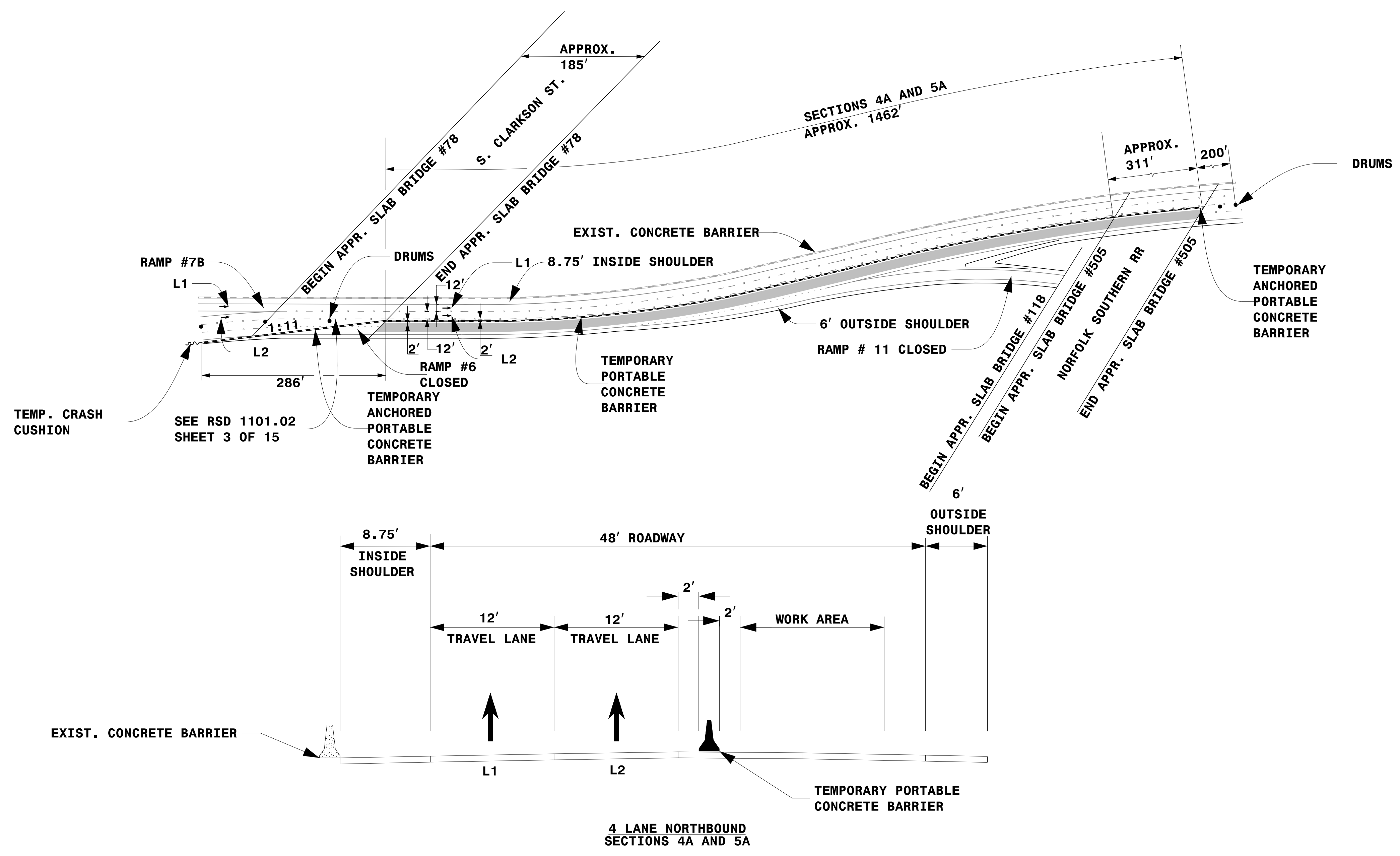
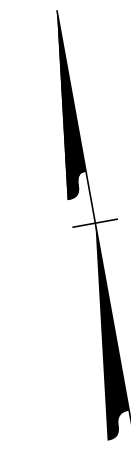
Professional Engineer Seal for John P. Mazeres, No. 043935, State of North Carolina.






DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



LANE CLOSURE DETAIL
4 LANE SECTIONS
4A AND 5A: NORTHBOUND
(STEP 1 OF 4)

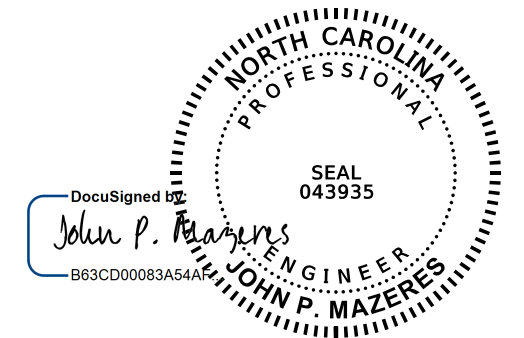
4/24/2017
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 User: jmazeres

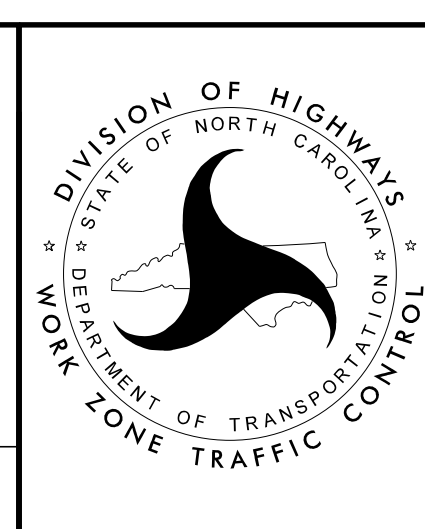


LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TEMPORARY CRASH CUSHION
	TRAFFIC DRUM
	TEMPORARY PORTABLE CONCRETE BARRIER
	WORK AREA

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-13 (OFFSITE DETOUR 6), TMP-18 (OFFSITE DETOUR 11) AND RSD 1101.02 SHEET 3 OF 15.
 2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2 DETAIL B & C.
 3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
 4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

STEP 2

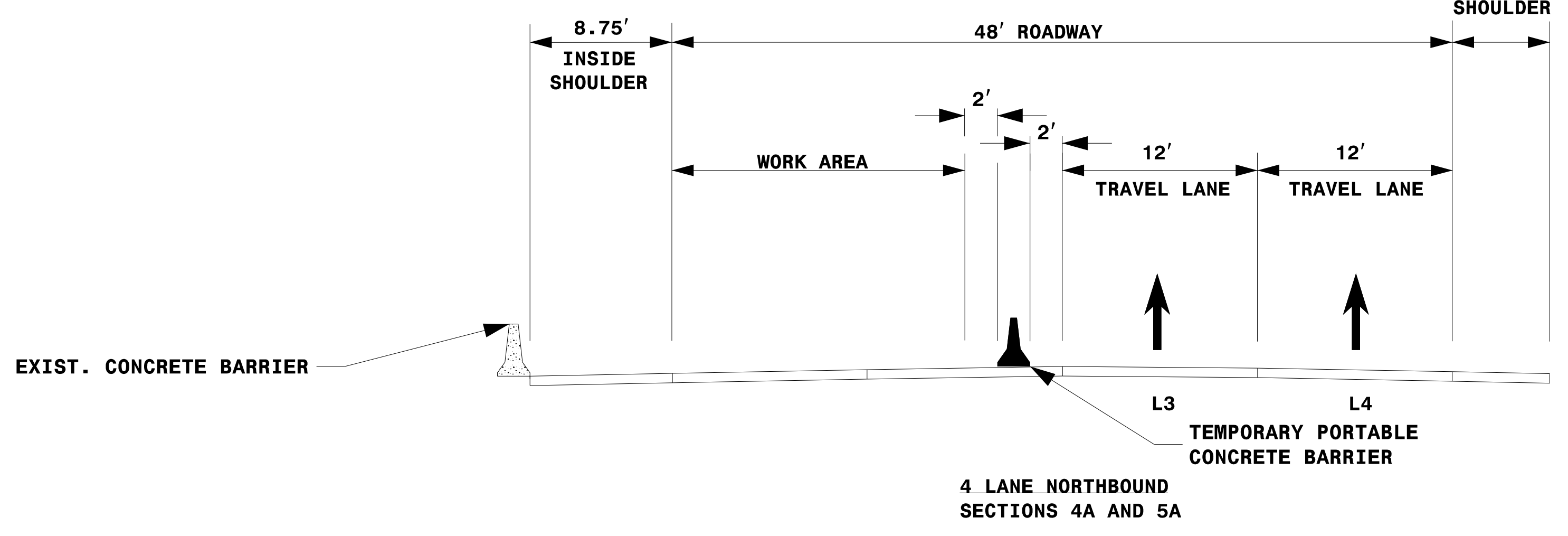
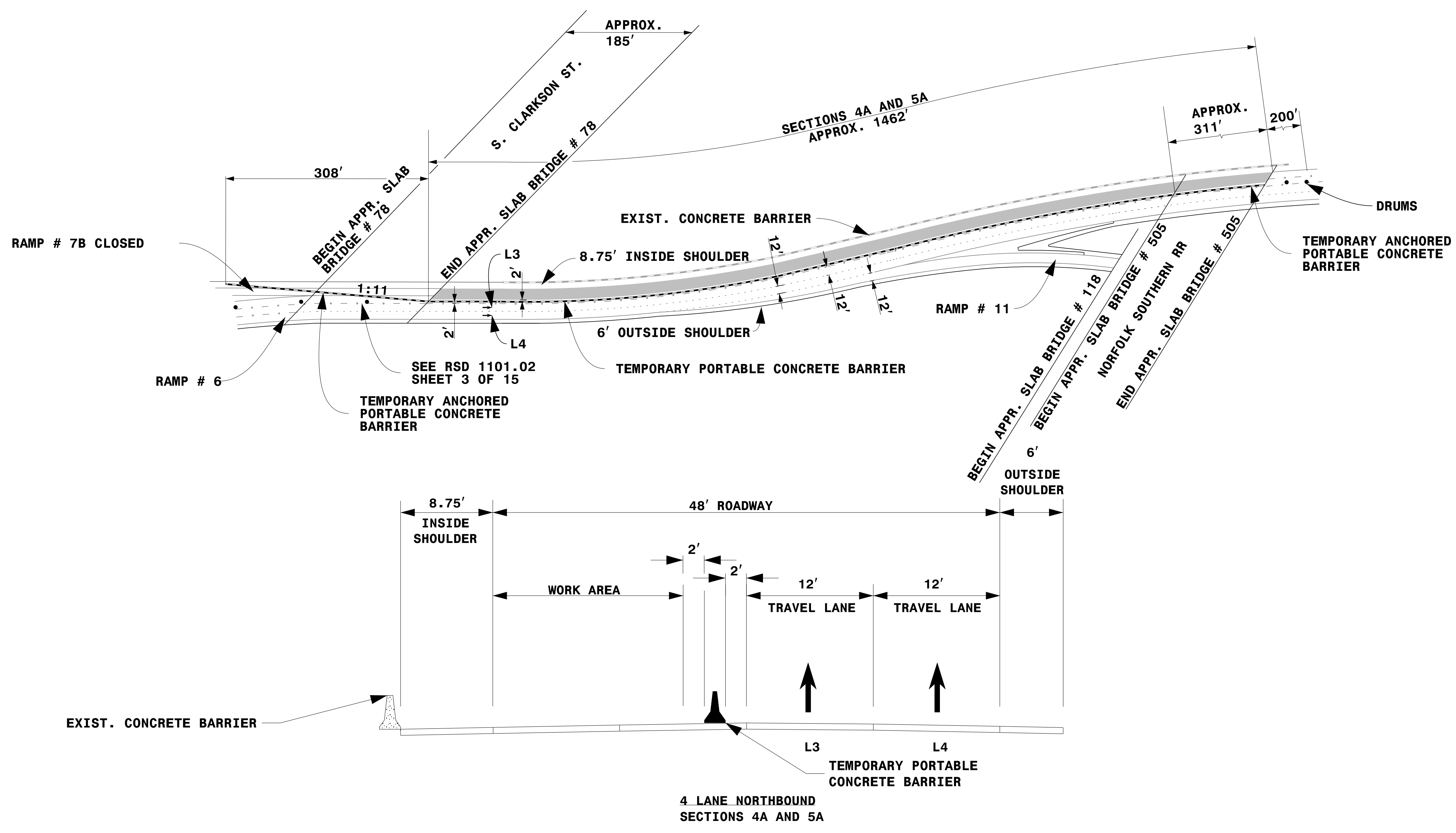
DocuSigned by:

 SEAL 043935
 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 NO. 043935







LANE CLOSURE DETAIL
 4 LANE SECTIONS
 4A AND 5A: NORTHBOUND
 (STEP 2 OF 4)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

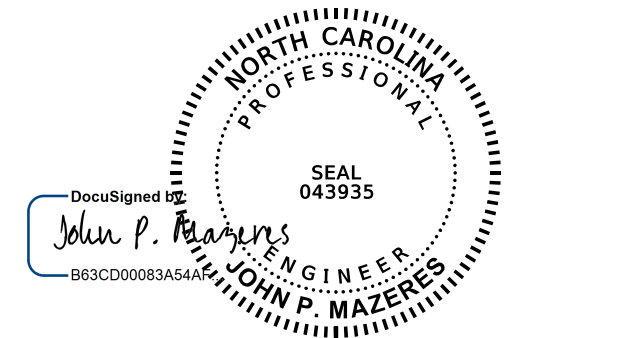
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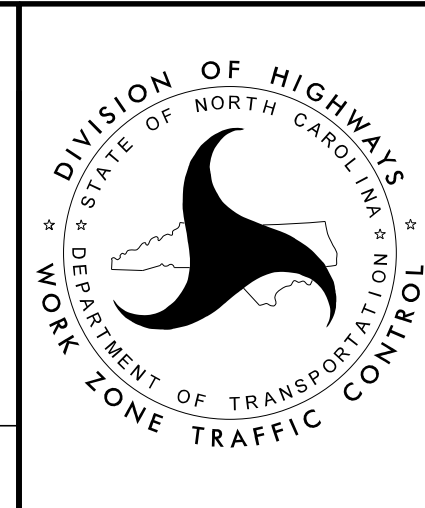
- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-15 (OFFSITE DETOUR 7B) AND RSD 1101.02 SHEET 3 OF 15.
 2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
 3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
 4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	TEMPORARY PORTABLE CONCRETE BARRIER
	WORK AREA

STEP 3

DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 043935

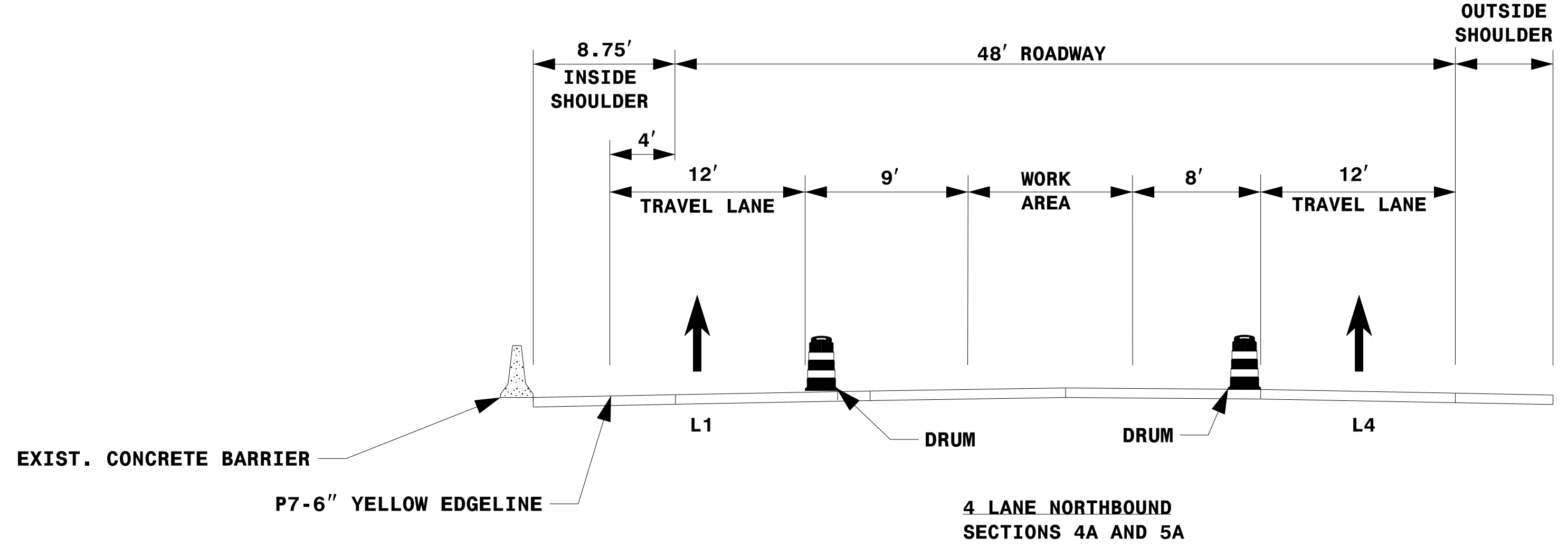
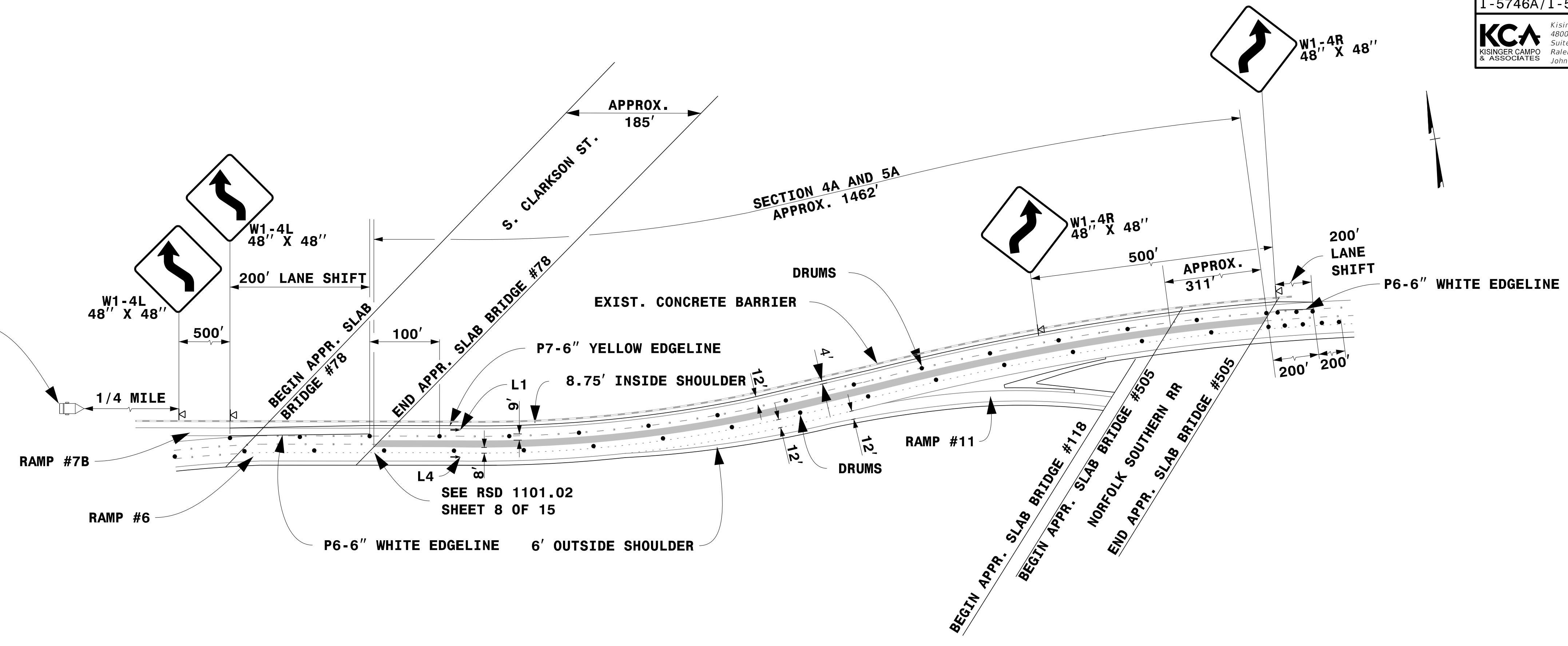
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**








LANE CLOSURE DETAIL
 4 LANE SECTIONS
 4A AND 5A: NORTHBOUND
 (STEP 3 OF 4)

4/24/2017
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 User: jmazeres

MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	1/4 MILE AHEAD
CHANGEABLE MESSAGE SIGN	

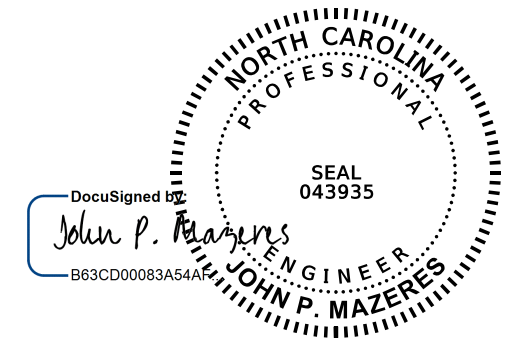


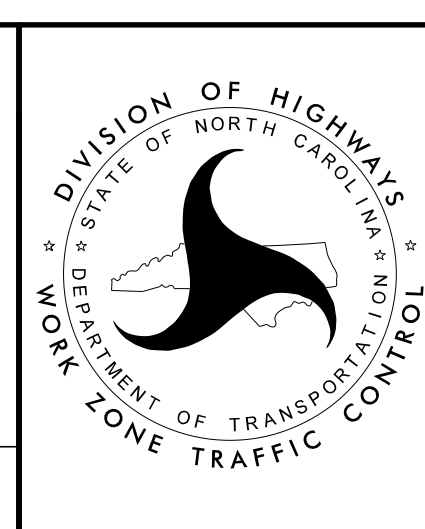
STEP 4

LEGEND	
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	WORK AREA
	CHANGEABLE MESSAGE SIGN

NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

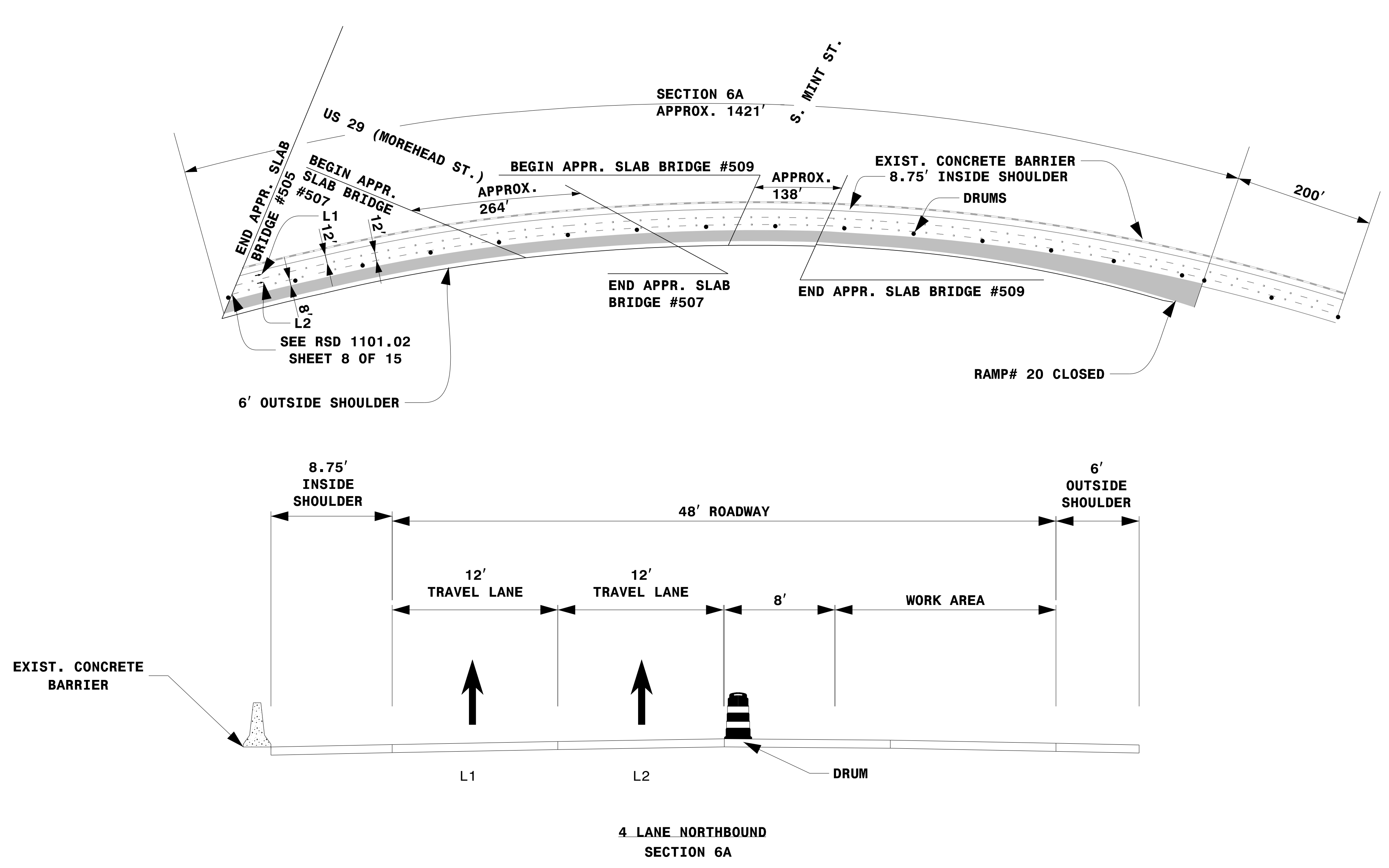
DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 No. 043935



LANE CLOSURE DETAIL
 4 LANE SECTIONS
 4A AND 5A: NORTHBOUND
 (STEP 4 OF 4)

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

4/24/2017
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 User: jmazeres



NOTES:

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-27 (OFFSITE DETOUR 20) AND RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

LEGEND

→ DIRECTION OF TRAFFIC FLOW

● TRAFFIC DRUM

■ WORK AREA

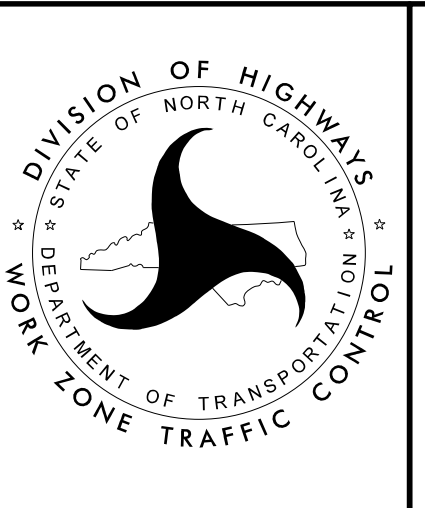
STEP 1

DocuSigned by
John P. Mazeres
636C00083A544

SEAL
043935

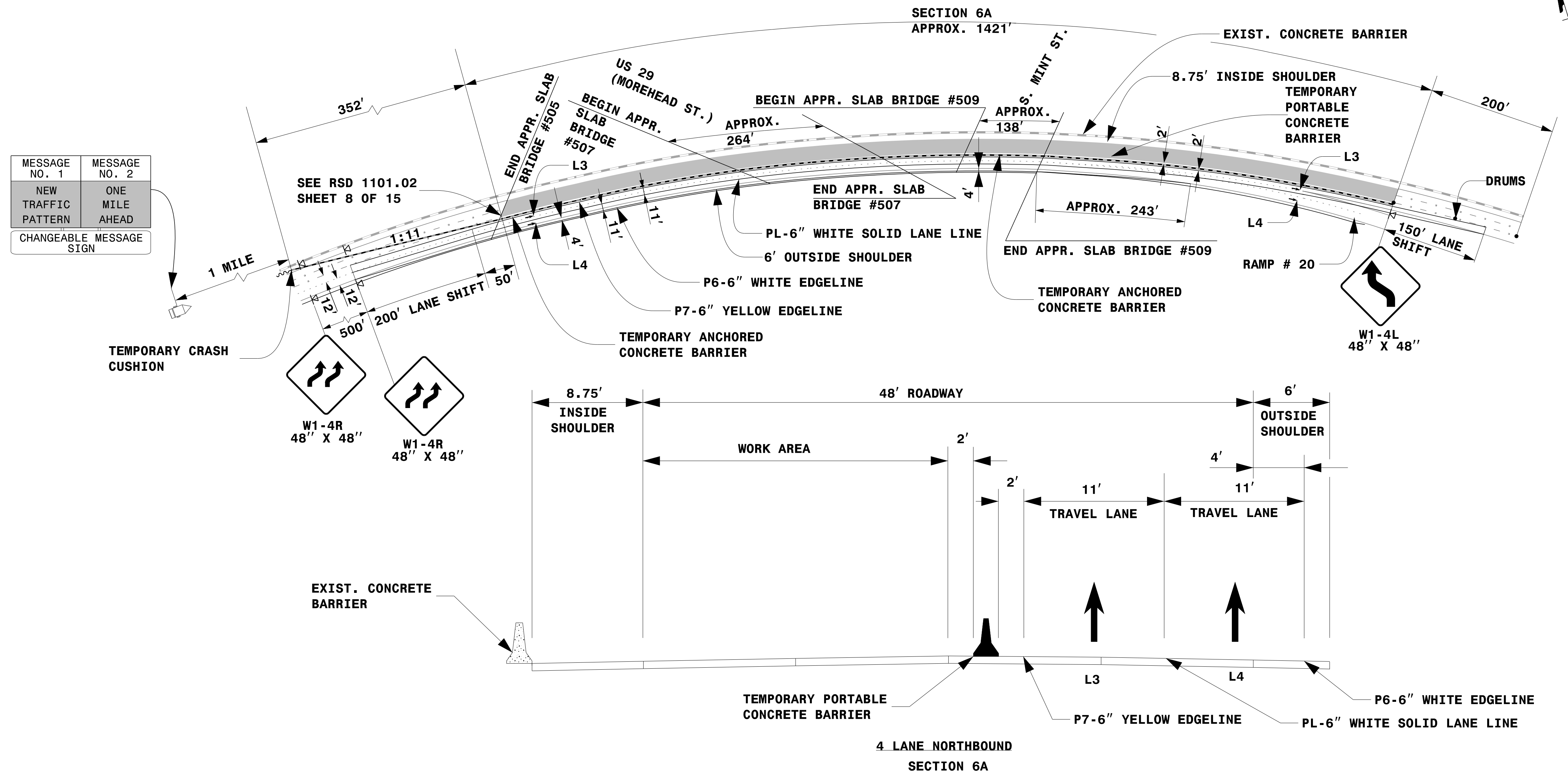
PROFESSIONAL
ENGINEER
JOHN P. MAZERES

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UNLESS ALL SIGNATURES COMPLETED**

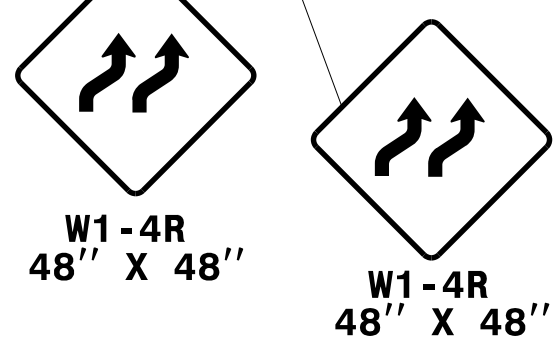


LANE CLOSURE DETAIL
4 LANE SECTION 6A:
NORTHBOUND
(STEP 1 OF 3)

4/24/2017
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 User:jmazer



MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	



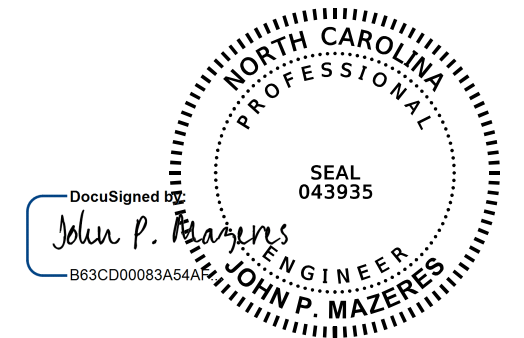
NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

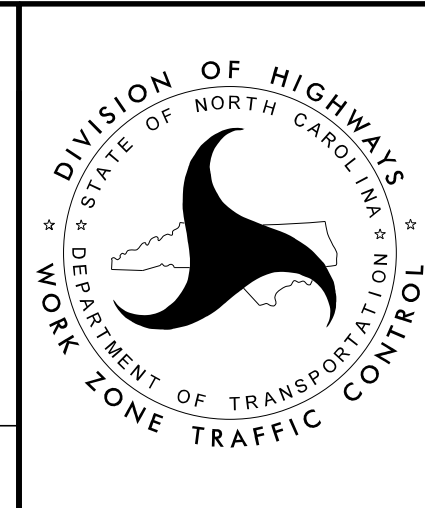
LEGEND	
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	CHANGEABLE MESSAGE SIGN
	TEMPORARY CRASH CUSHION
	TEMPORARY PORTABLE CONCRETE BARRIER
	WORK AREA

STEP 2

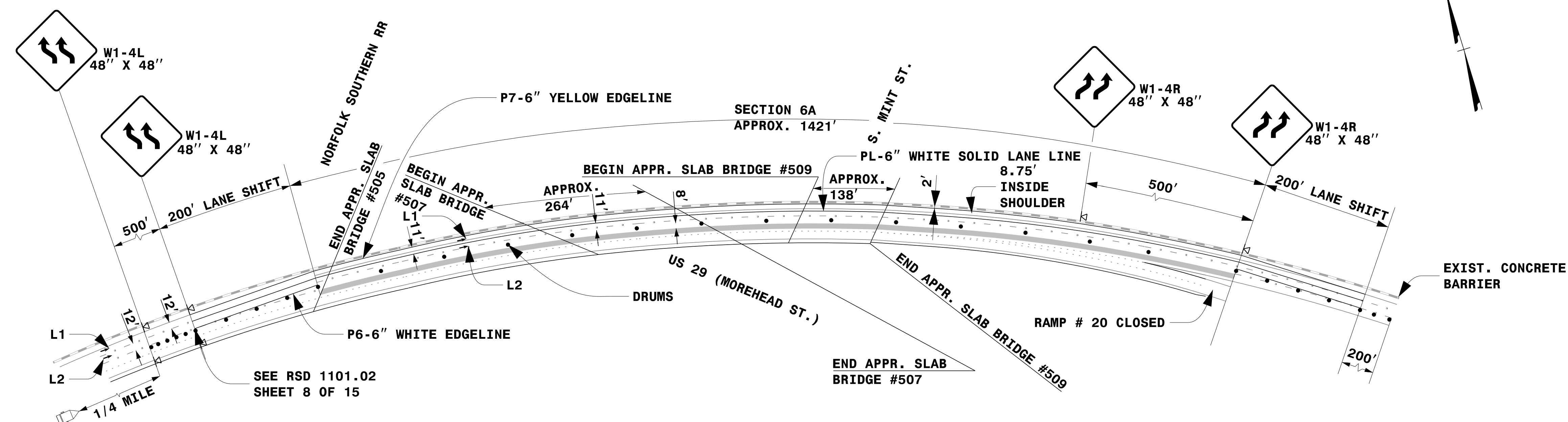
LANE CLOSURE DETAIL
 4 LANE SECTION
 6A: NORTHBOUND
 (STEP 2 OF 3)

DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 NO. 043935

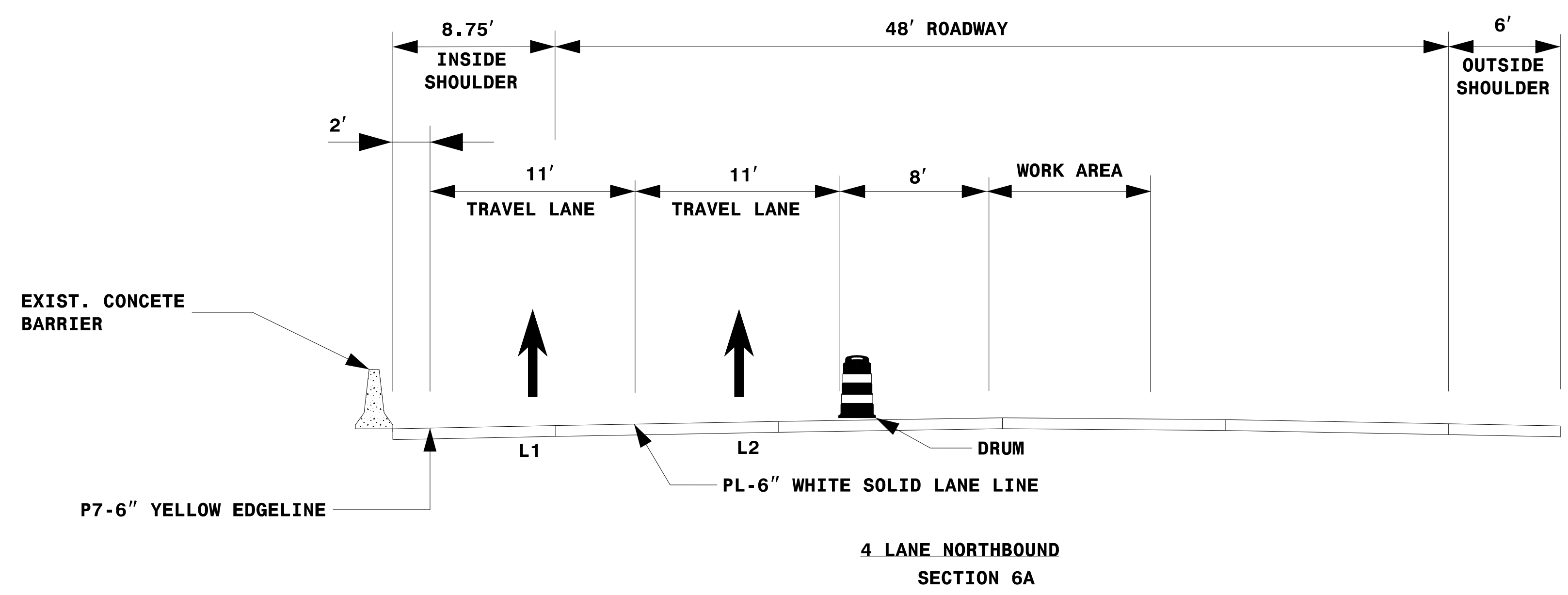
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4/24/2017
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 User: jmazeres



MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	








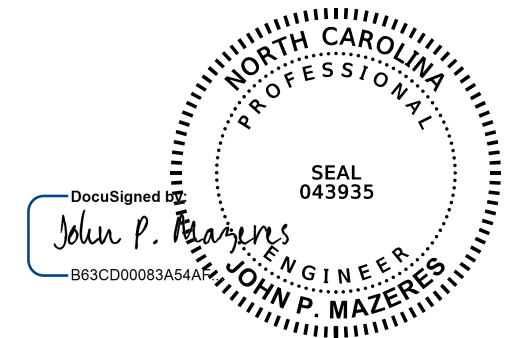
NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-27 (OFFSITE DETOUR 20) AND RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

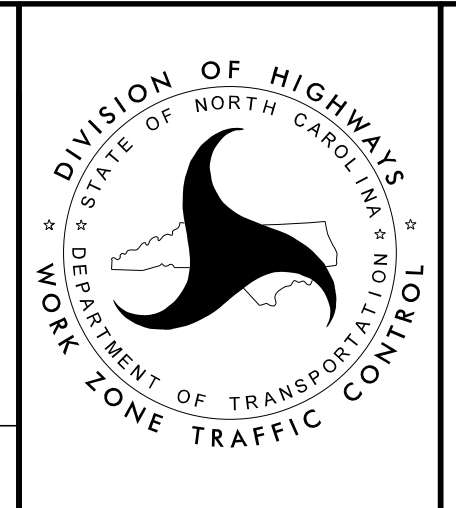
STEP 3

LEGEND

	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	WORK AREA
	CHANGEABLE MESSAGE SIGN

DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 SEAL 043935

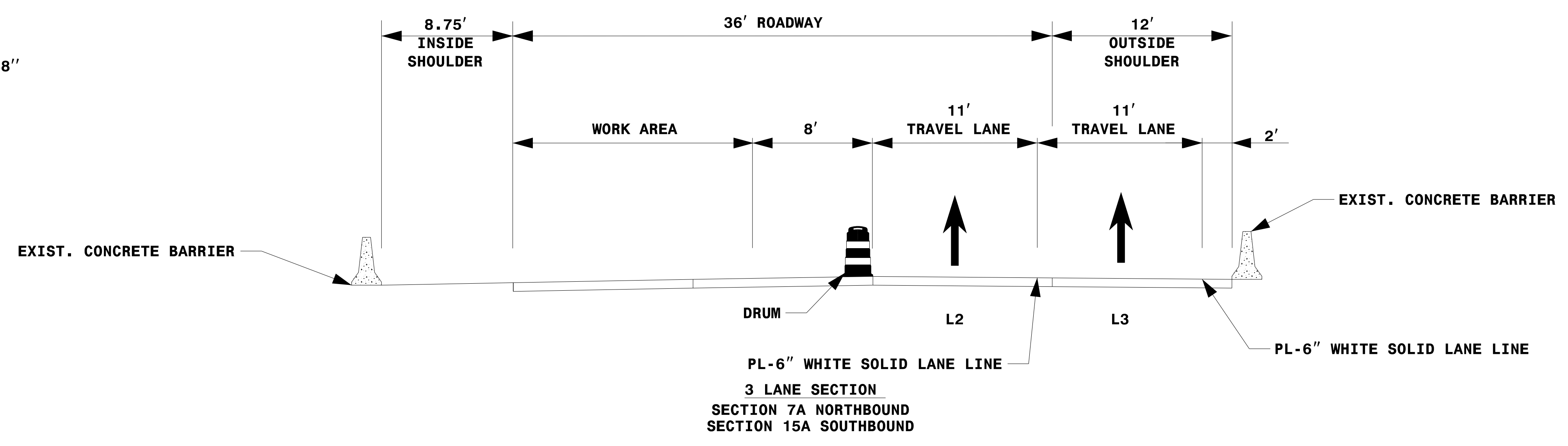
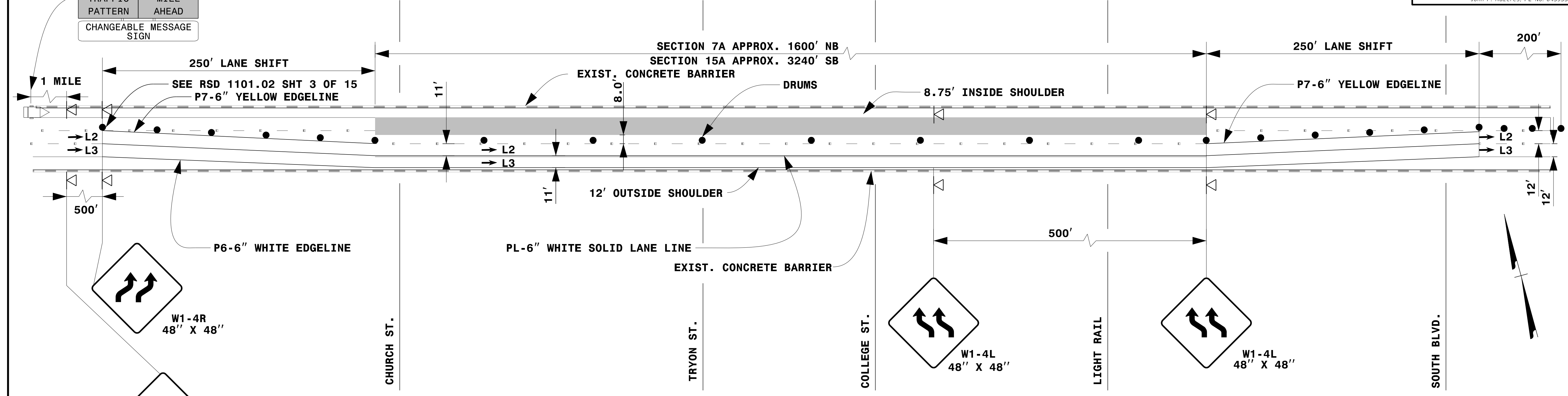
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED








LANE CLOSURE DETAIL
 4 LANE SECTION
 6A: NORTHBOUND
 (STEP 3 OF 3)

4/24/2017
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 User: jmazeres

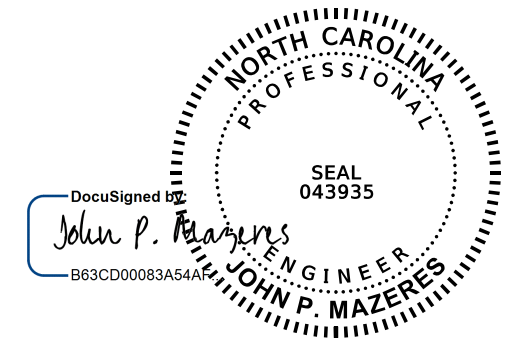
MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	



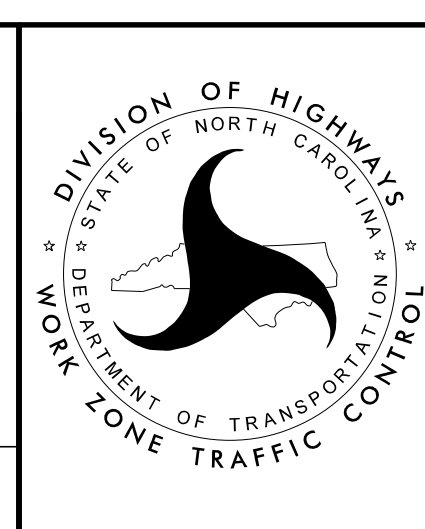
LEGEND	
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	WORK AREA
	CHANGEABLE MESSAGE SIGN

- NOTES**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.
 2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
 3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
 4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

STEP 1

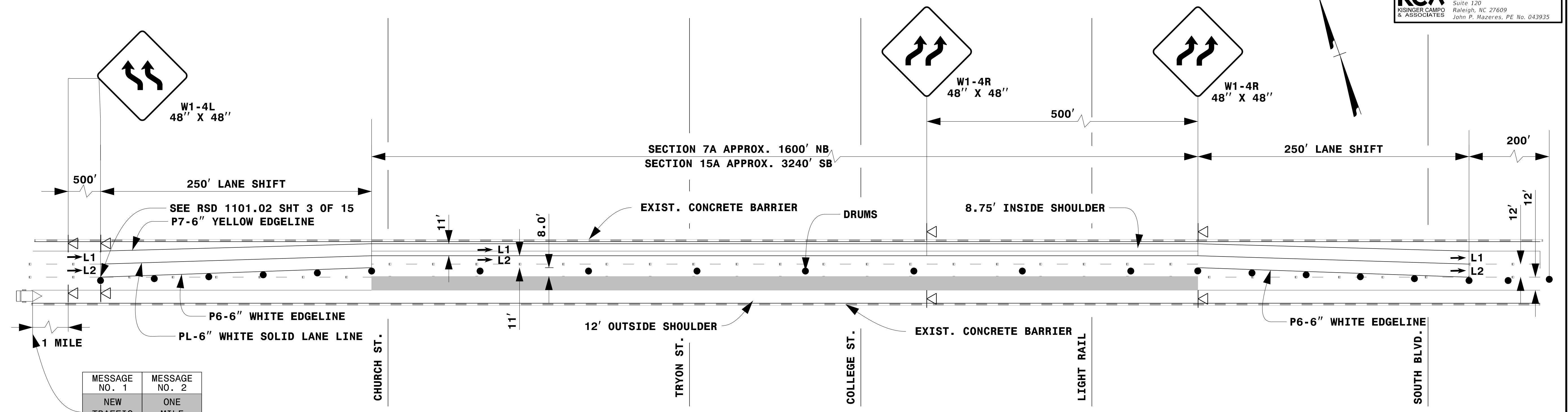
DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 No. 043935

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

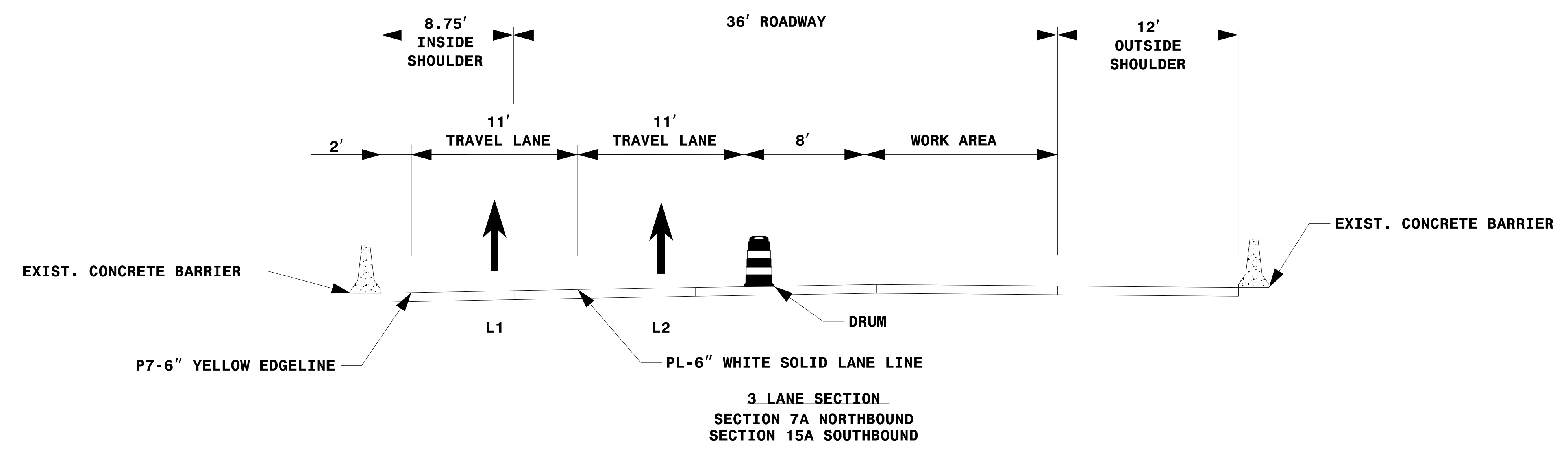


LANE CLOSURE DETAIL
 3 LANE SECTIONS
 7A: NORTHBOUND AND
 15A: SOUTHBOUND
 (STEP 1 OF 3)






4/24/2017
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 User: jmazeres



MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	



STEP 2

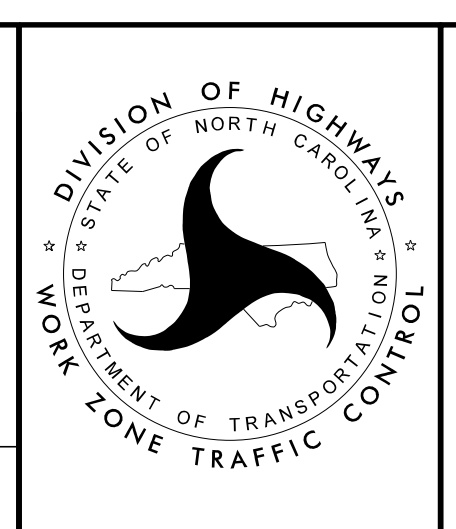
LEGEND	
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	WORK AREA
	CHANGEABLE MESSAGE SIGN

NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

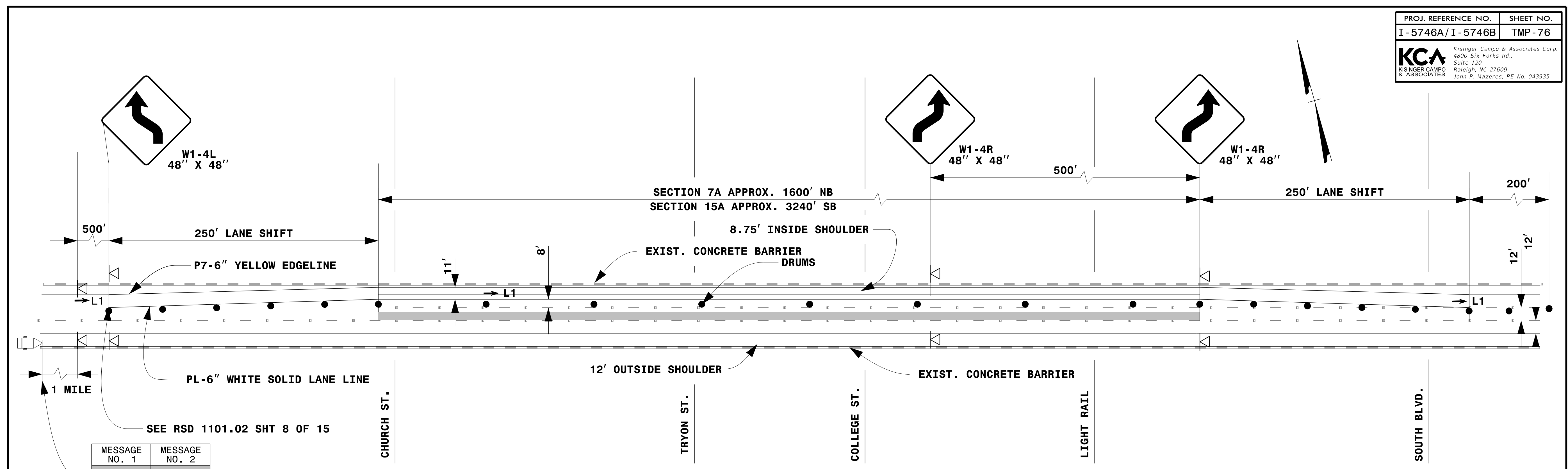
DocuSigned by:
John P. Mazeres
SEAL 043935
NORTH CAROLINA PROFESSIONAL ENGINEER
JOHN P. MAZERES

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

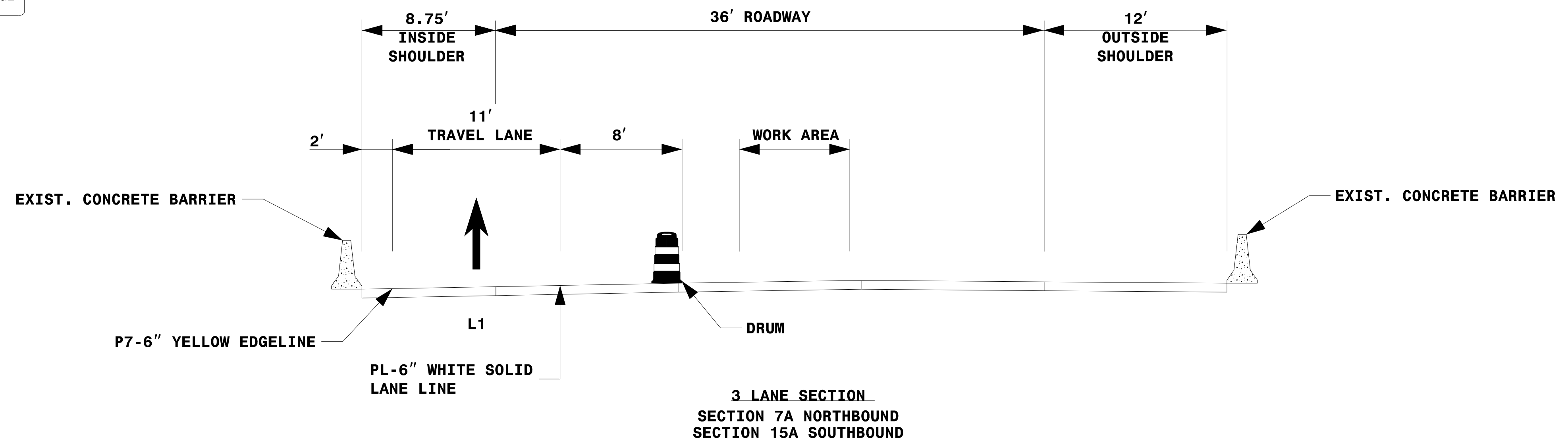







LANE CLOSURE DETAIL
3 LANE SECTIONS
7A: NORTHBOUND AND
15A: SOUTHBOUND
(STEP 2 OF 3)

4/24/2017
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 User: jmazeres



MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	



LEGEND	
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	WORK AREA
	CHANGEABLE MESSAGE SIGN

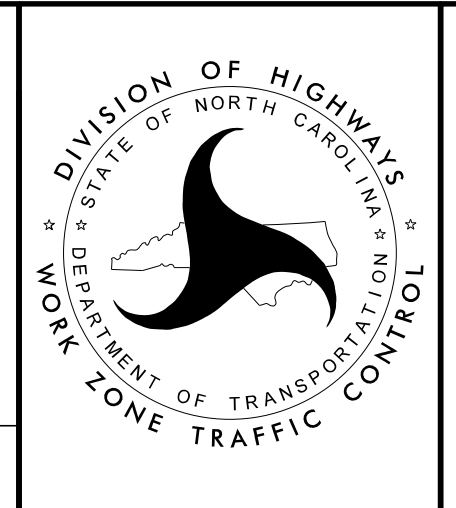
NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

STEP 3

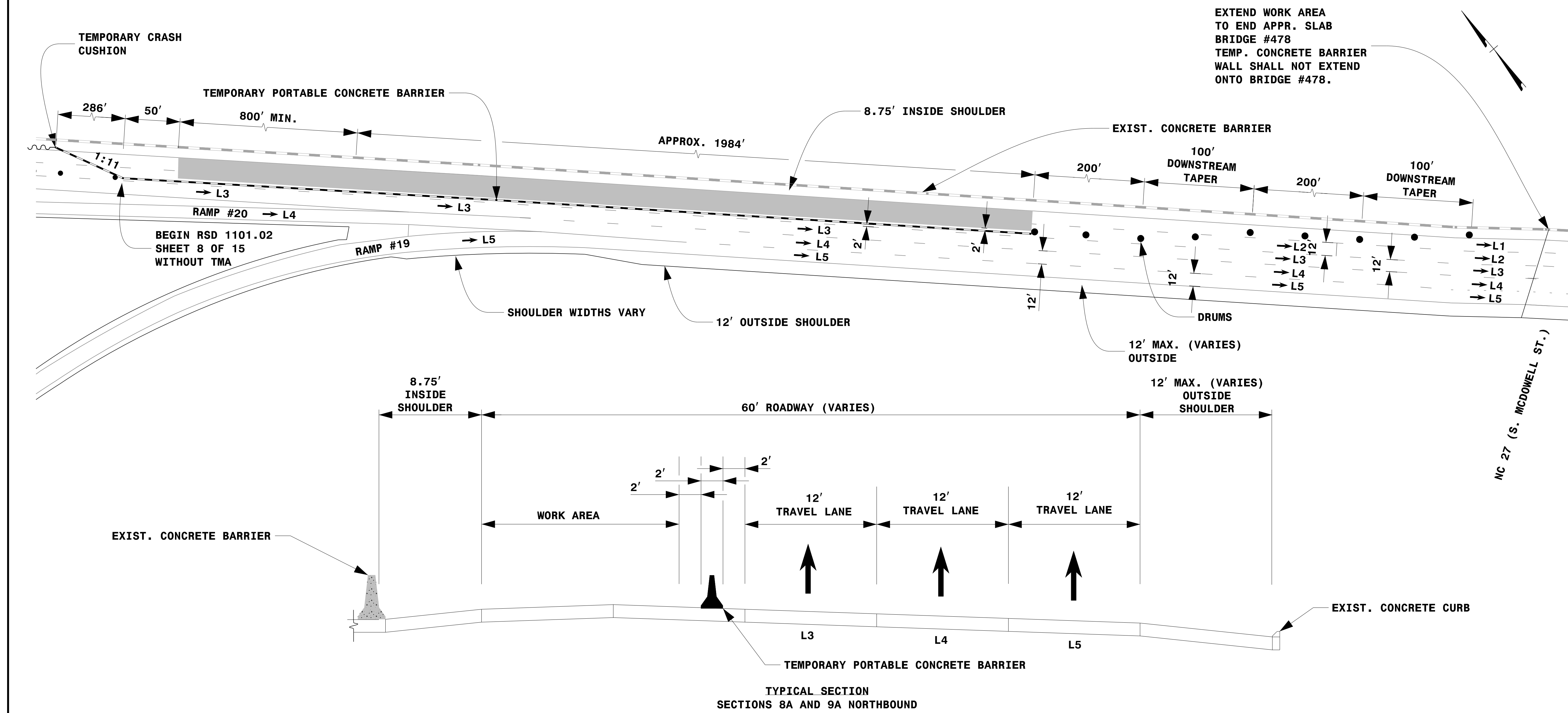
DocuSigned by:
John P. Mazeres
SEAL 043935
NORTH CAROLINA PROFESSIONAL ENGINEER
JOHN P. MAZERES

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



LANE CLOSURE DETAIL
3 LANE SECTIONS
7A: NORTHBOUND AND
15A: SOUTHBOUND
(STEP 3 OF 3)

4/24/2017
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User: jmazeres



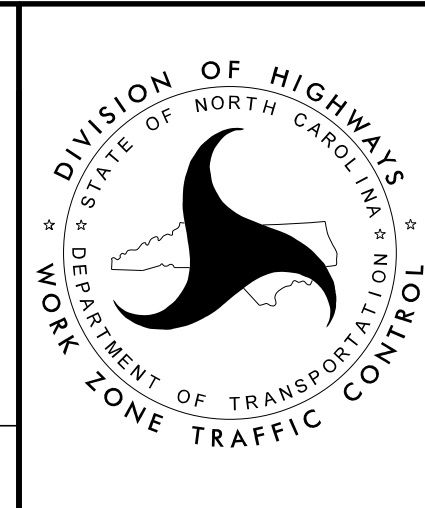
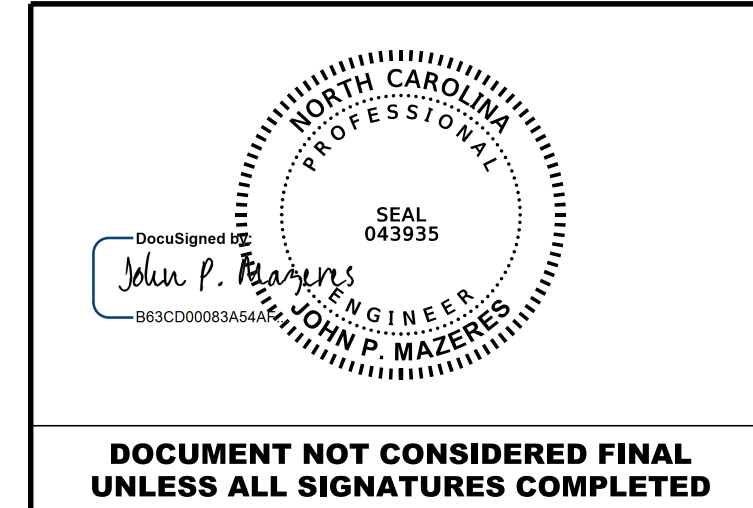
4/24/2017
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 User: jmazeres

LEGEND	
→	DIRECTION OF TRAFFIC FLOW
●	TRAFFIC DRUM
~	TEMPORARY CRASH CUSHION
▬	TEMPORARY PORTABLE CONCRETE BARRIER
■	WORK AREA

NOTES


1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

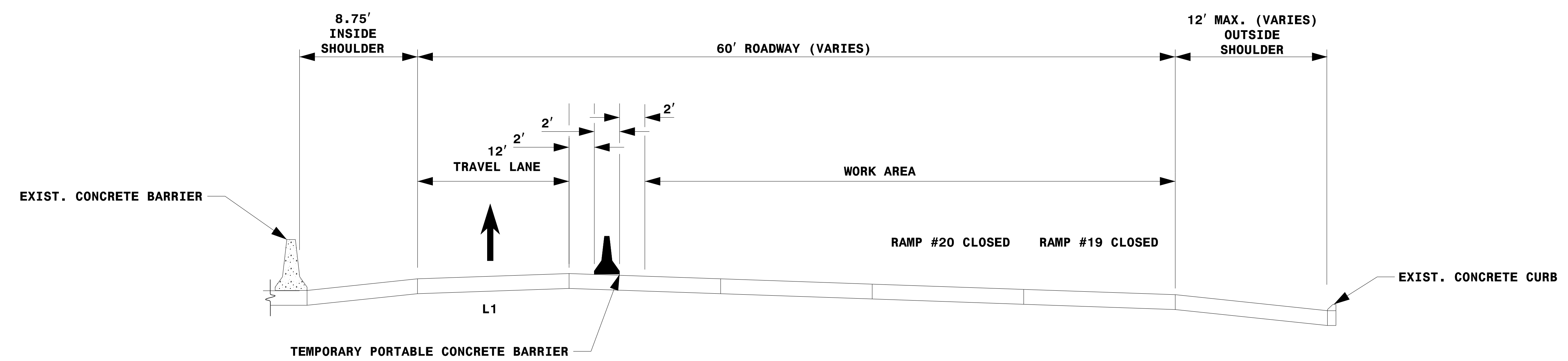
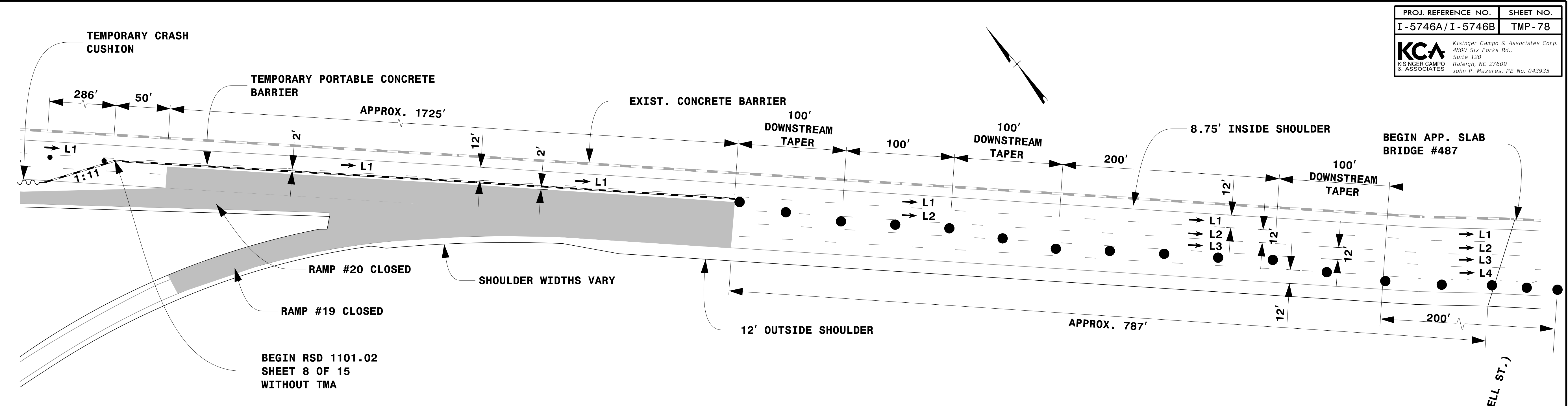
STEP 1



LANE CLOSURE DETAIL
 4 AND 5 LANE SECTIONS
 8A AND 9A: NORTHBOUND
 (STEP 1 of 4)

DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

PROJ. REFERENCE NO. I-5746A/I-5746B	SHEET NO. TMP-78
 Kisinger Campo & Associates Corp. 4800 Six Forks Rd., Suite 120 Raleigh, NC 27609 John P. Mazeres, PE No. 043935	



TYPICAL SECTION
SECTIONS 8A AND 9A NORTHBOUND

NOTES:

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-26 (OFFSITE DETOUR 19), TMP-27 (OFFSITE DETOUR 20) AND RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

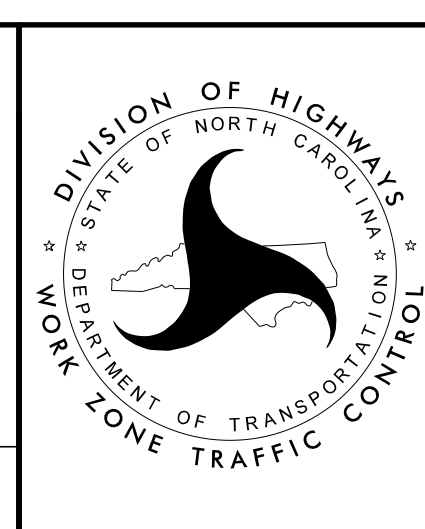
LEGEND

→ DIRECTION OF TRAFFIC FLOW	~ TEMPORARY CRASH CUSHION
● TRAFFIC DRUM	▬ TEMPORARY PORTABLE CONCRETE BARRIER
⚠ PORTABLE SIGN	■ WORK AREA

STEP 2

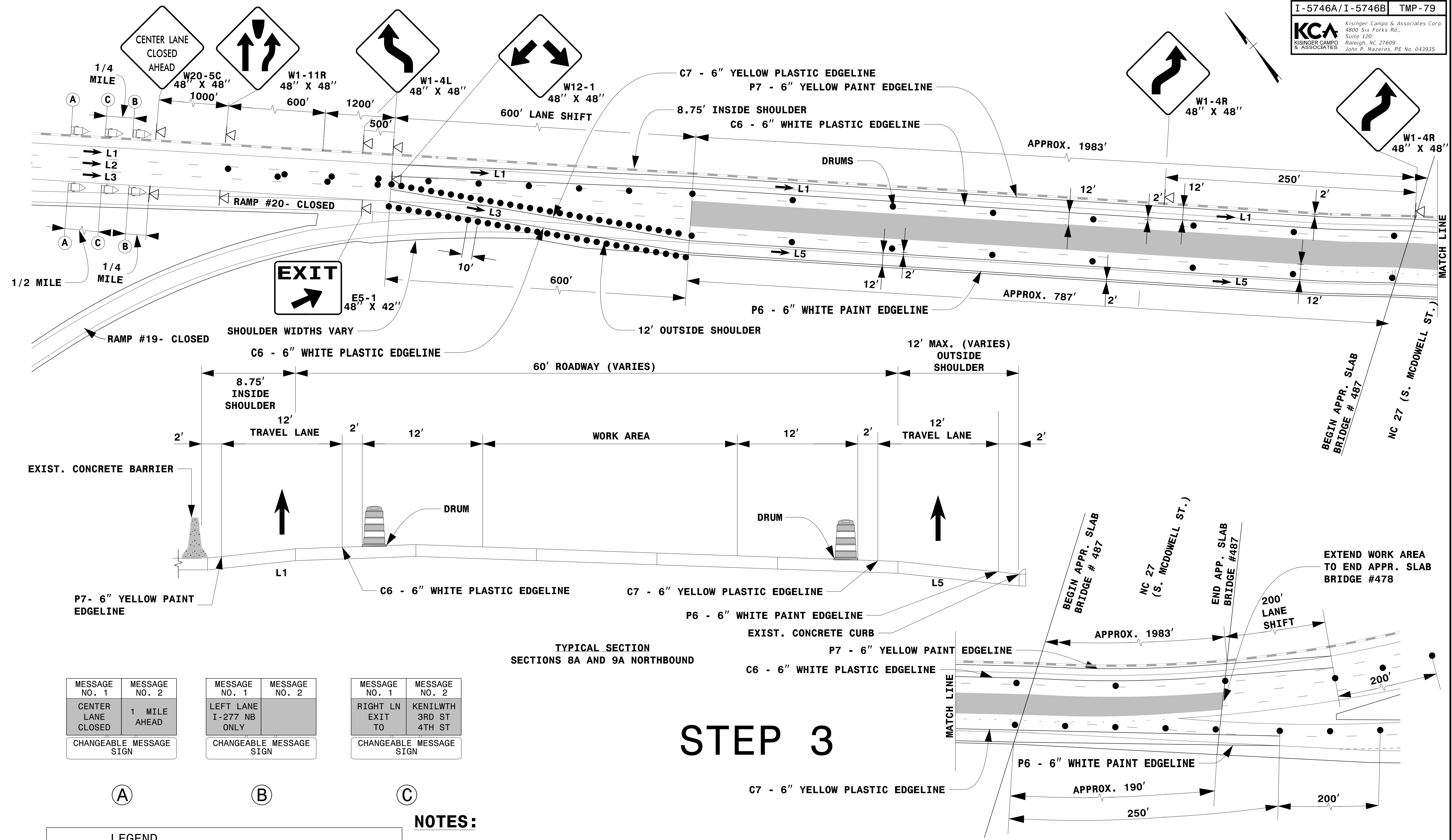
DocuSigned by:
John P. Mazeres
SEAL 043935
ENGINEER
JOHN P. MAZERES

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



LANE CLOSURE DETAIL
4 AND 5 LANE SECTIONS
8A AND 9A: NORTHBOUND
(STEP 2 of 4)

4/24/2017
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 User: jmazeres



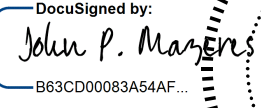
MESSAGE NO. 1 CENTER LANE CLOSED	MESSAGE NO. 2 1 MILE AHEAD	MESSAGE NO. 1 LEFT LANE I-277 NB ONLY	MESSAGE NO. 2	MESSAGE NO. 1 RIGHT LN EXIT TO	MESSAGE NO. 2 KENILWTH 3RD ST 4TH ST
CHANGEABLE MESSAGE SIGN		CHANGEABLE MESSAGE SIGN		CHANGEABLE MESSAGE SIGN	

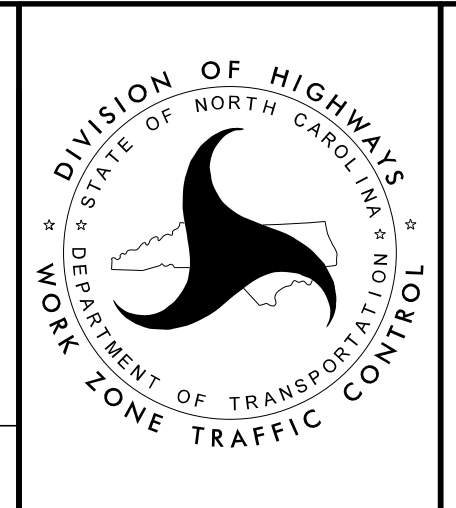
(A) (B) (C)

LEGEND	
	CHANGEABLE MESSAGE SIGN (CMS)
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	WORK AREA
	CHANGEABLE MESSAGE SIGN

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-26 (OFFSITE DETOUR 19) AND TMP-27 (OFFSITE DETOUR 20).
 2. TRAFFIC CONTROL DEVICES (A) THRU (C) SHALL BE INSTALLED AS PER ENGINEER'S INSTRUCTIONS.
 3. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
 4. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
 5. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

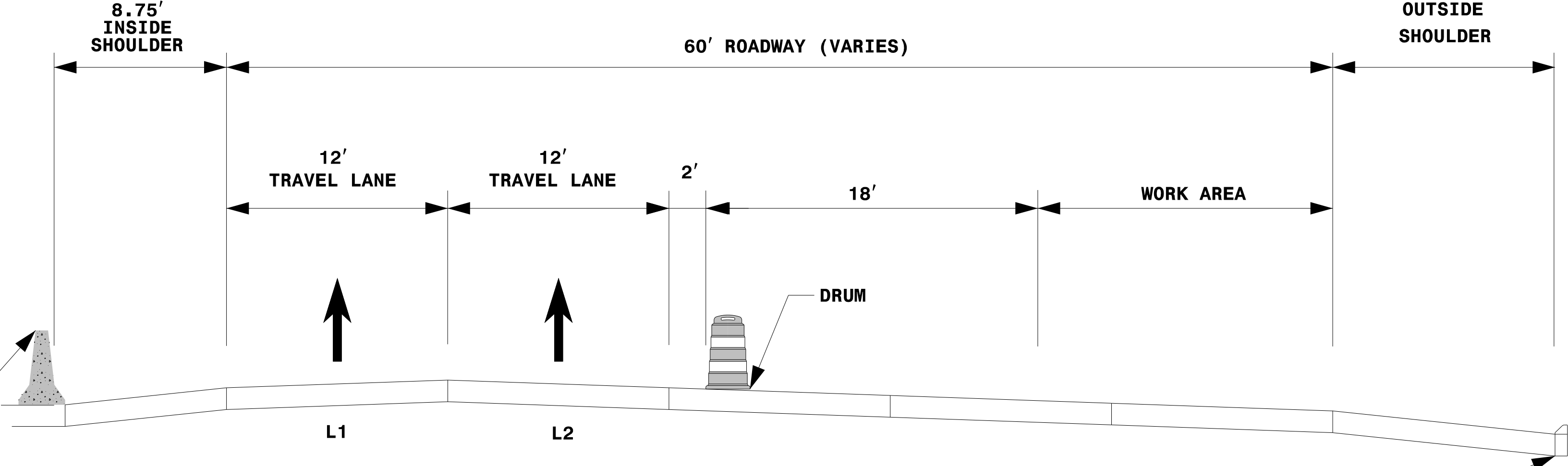
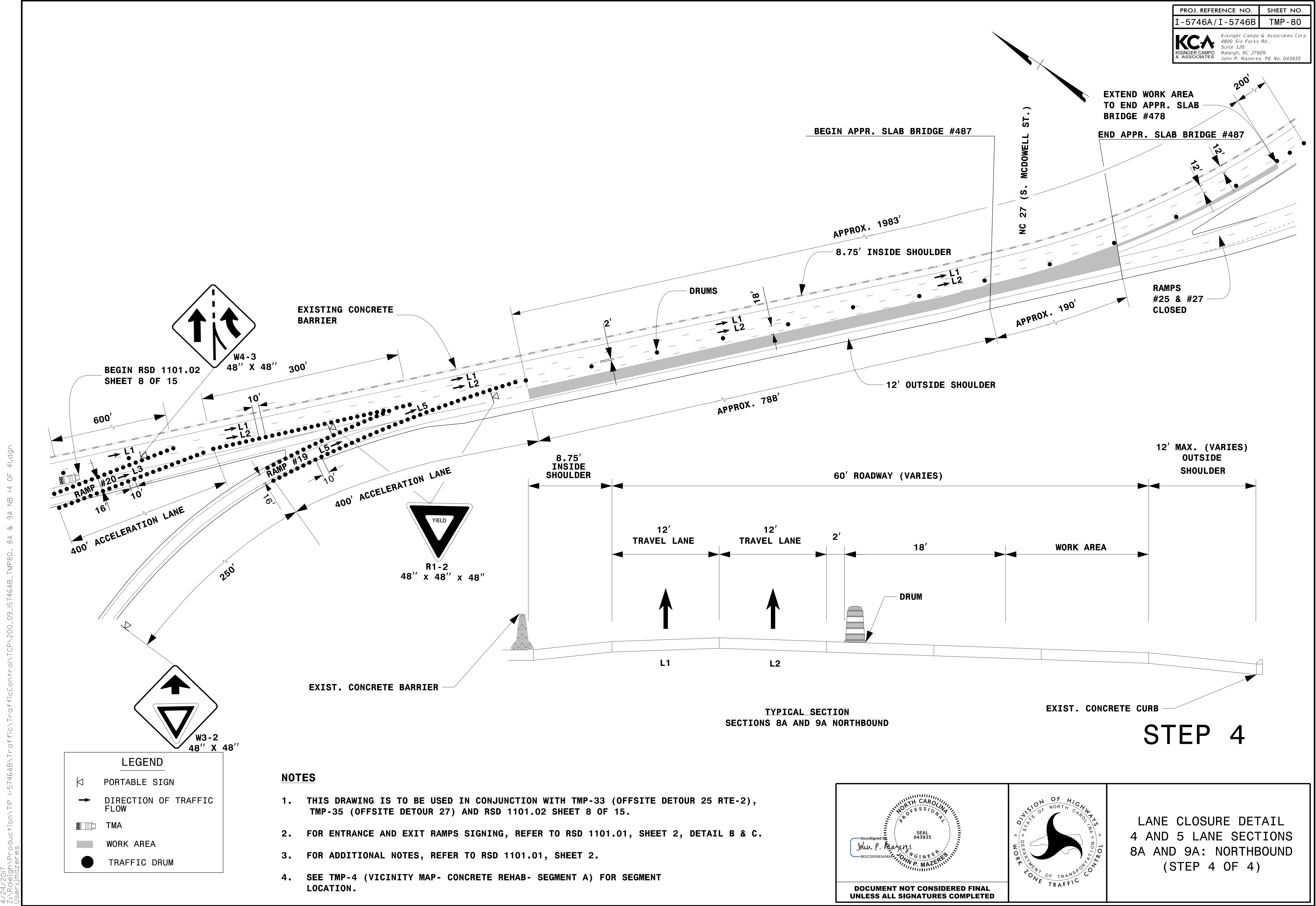
STEP 3

DocuSigned by:

 SEAL 043935
 5/4/2017
 ENGINEER
 JOHN P. MAZERES








LANE CLOSURE DETAIL
 4 AND 5 LANE SECTIONS
 8A AND 9A: NORTHBOUND
 (STEP 3 of 4)

5/3/2017
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 User:TKU

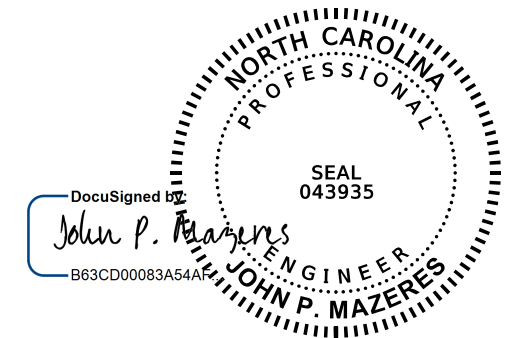


STEP 4

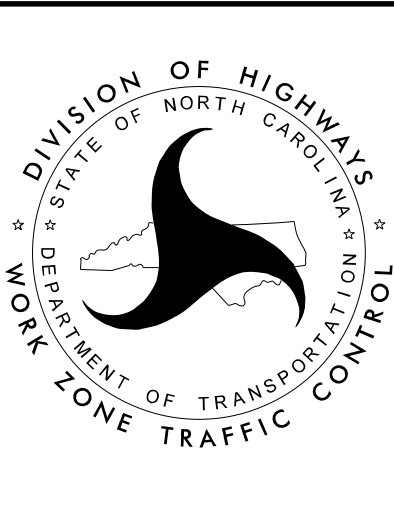
LEGEND	
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	TMA
	WORK AREA
	TRAFFIC DRUM

NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-33 (OFFSITE DETOUR 25 RTE-2), TMP-35 (OFFSITE DETOUR 27) AND RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

DocuSigned by:

 SEAL 043935
 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA

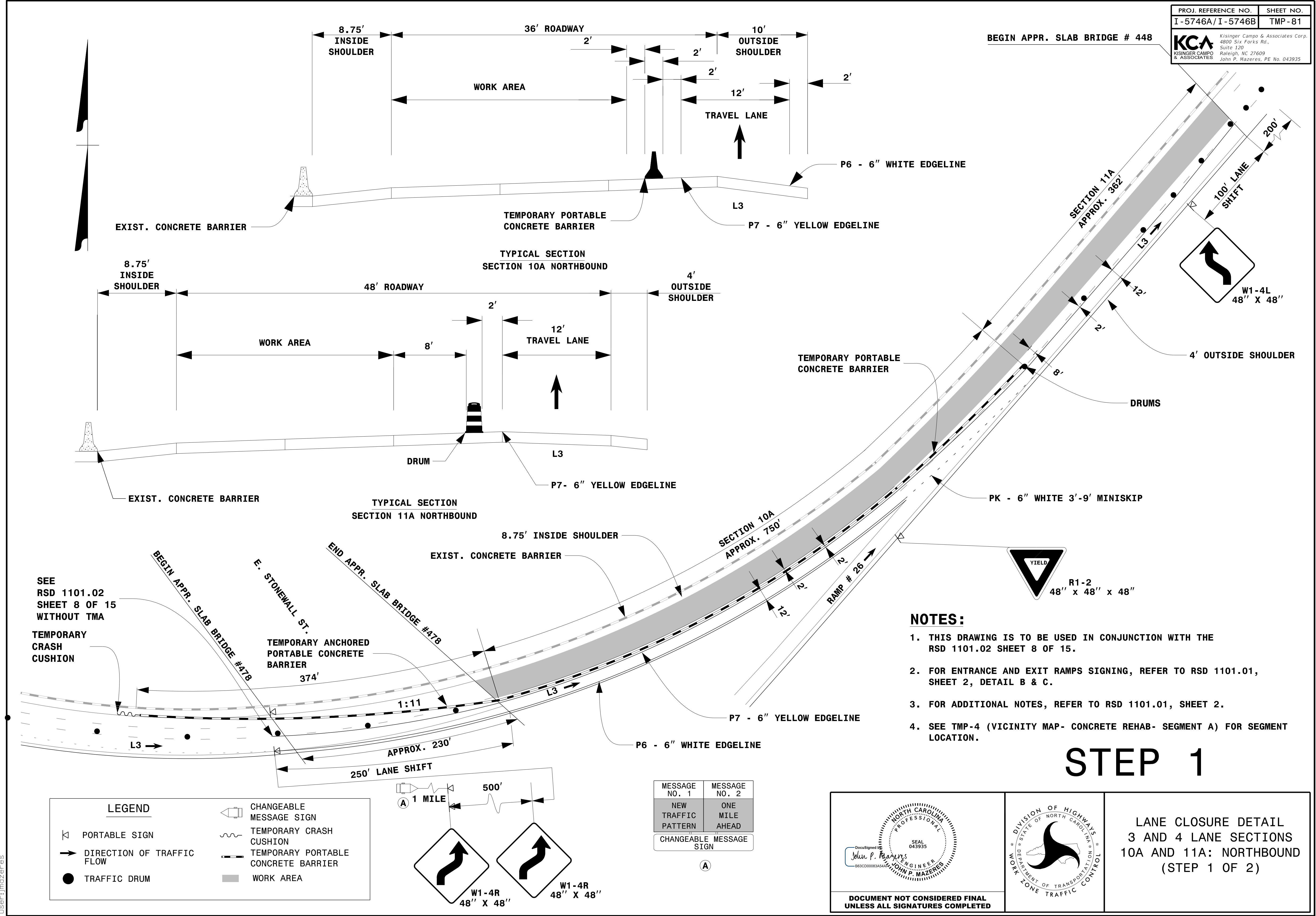
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LANE CLOSURE DETAIL
 4 AND 5 LANE SECTIONS
 8A AND 9A: NORTHBOUND
 (STEP 4 OF 4)

4/24/2017
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 User: jmazeres

PROJ. REFERENCE NO. I-5746A/I-5746B	SHEET NO. TMP-81
 Kisinger Campo & Associates Corp. 4800 Six Forks Rd., Suite 120 Raleigh, NC 27609 John P. Mazeres, PE No. 043935	

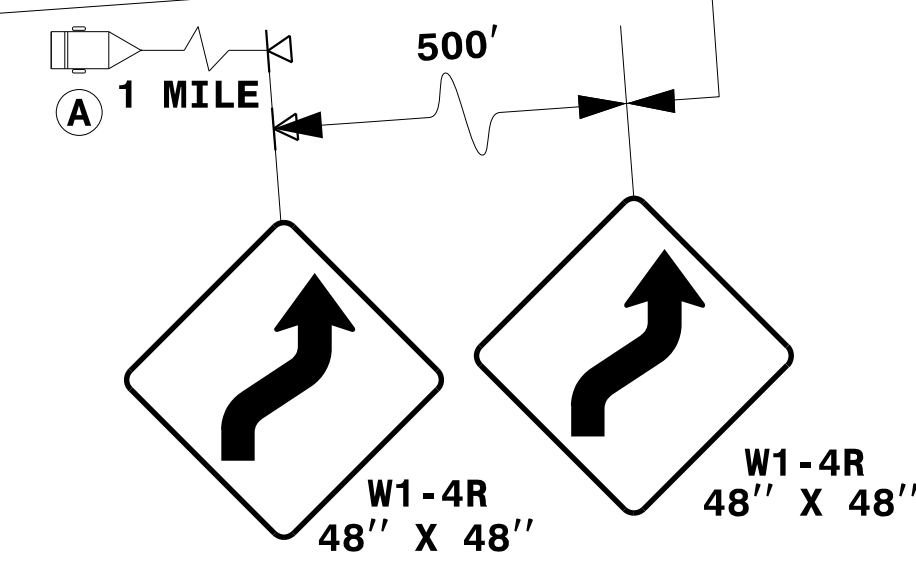


4/24/2017
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 User: jmazeres

SEE
RSD 1101.02
SHEET 8 OF 15
WITHOUT TMA

TEMPORARY
CRASH
CUSHION

LEGEND	
	PORTABLE SIGN
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	CHANGEABLE MESSAGE SIGN
	TEMPORARY CRASH CUSHION
	TEMPORARY PORTABLE CONCRETE BARRIER
	WORK AREA

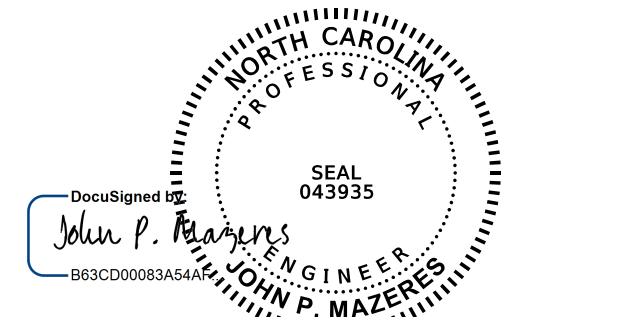


MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

NOTES:


1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH THE RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

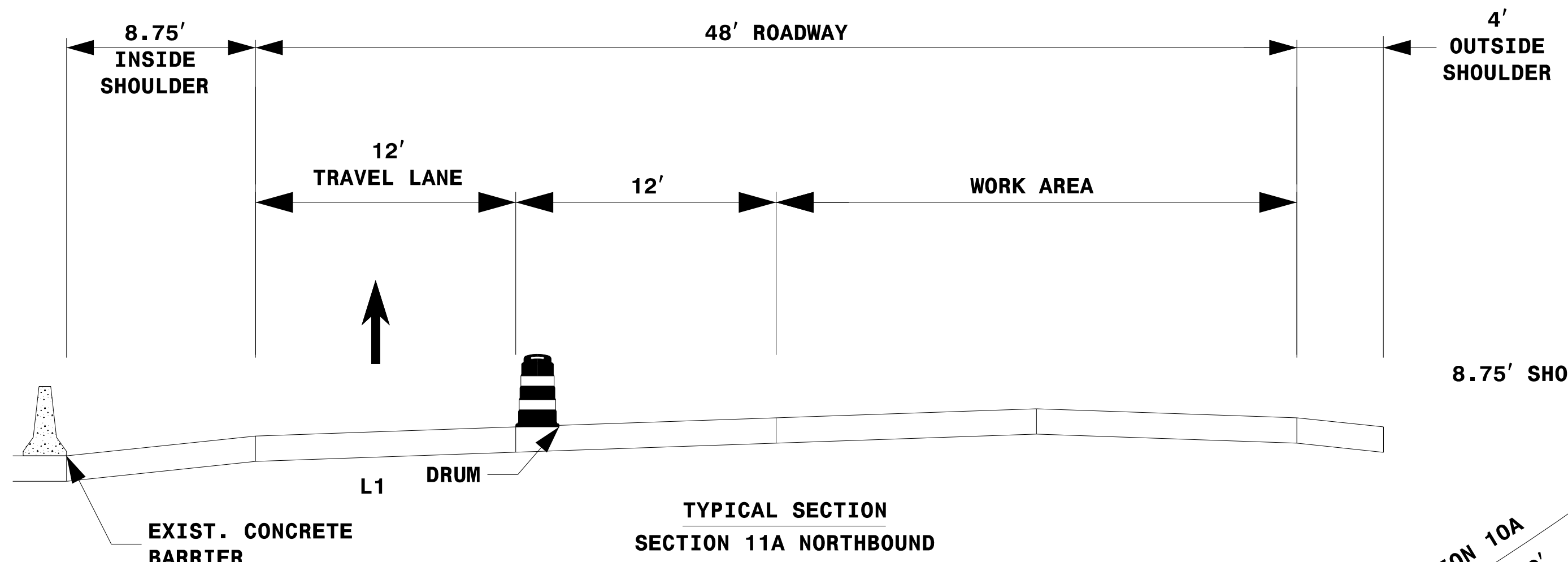
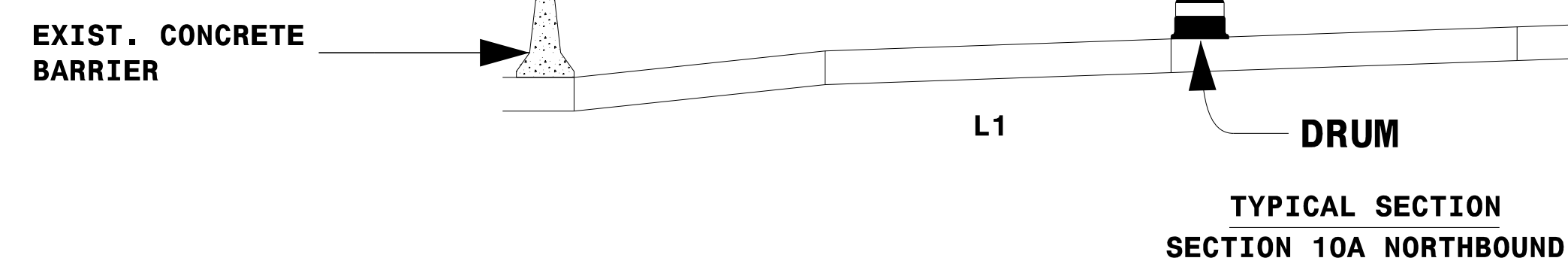
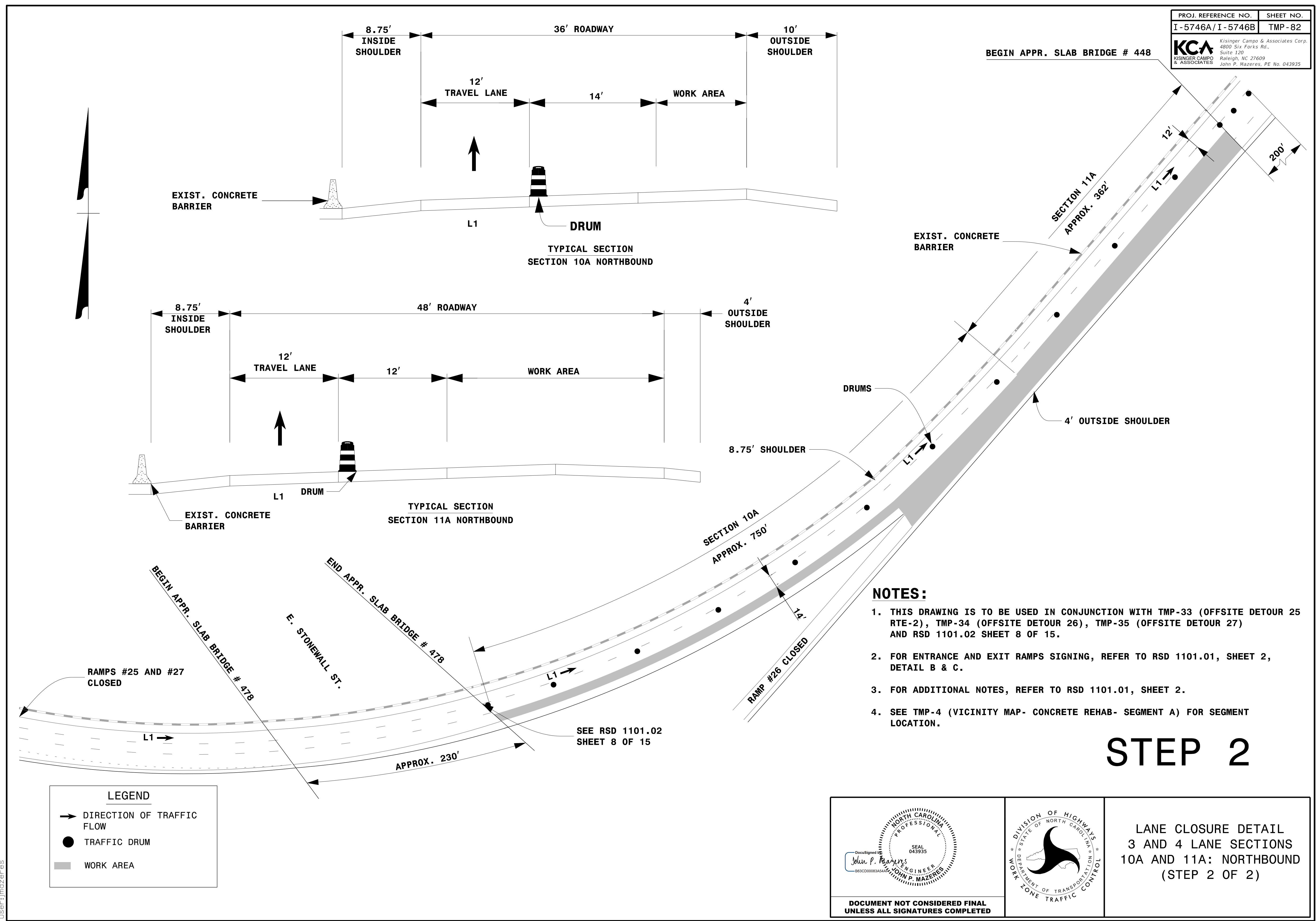
STEP 1


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

LANE CLOSURE DETAIL
3 AND 4 LANE SECTIONS
10A AND 11A: NORTHBOUND
(STEP 1 OF 2)




PROJ. REFERENCE NO.	SHEET NO.
I-5746A/I-5746B	TMP-82
 Kisinger Campo & Associates Corp. 4800 Six Forks Rd., Suite 120 Raleigh, NC 27609 John P. Mazeres, PE No. 043935	

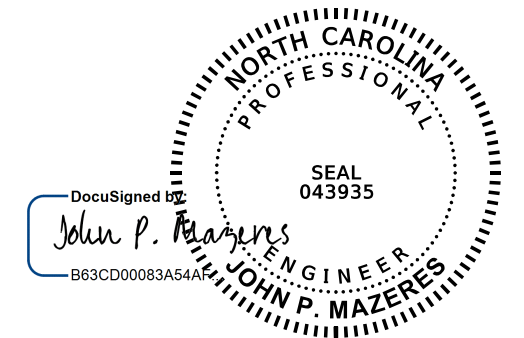


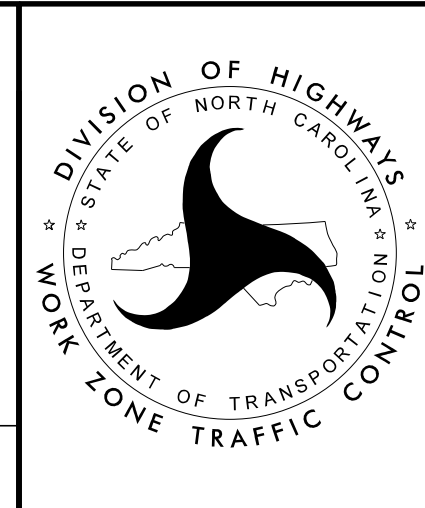
NOTES:

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-33 (OFFSITE DETOUR 25 RTE-2), TMP-34 (OFFSITE DETOUR 26), TMP-35 (OFFSITE DETOUR 27) AND RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

STEP 2

LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	WORK AREA

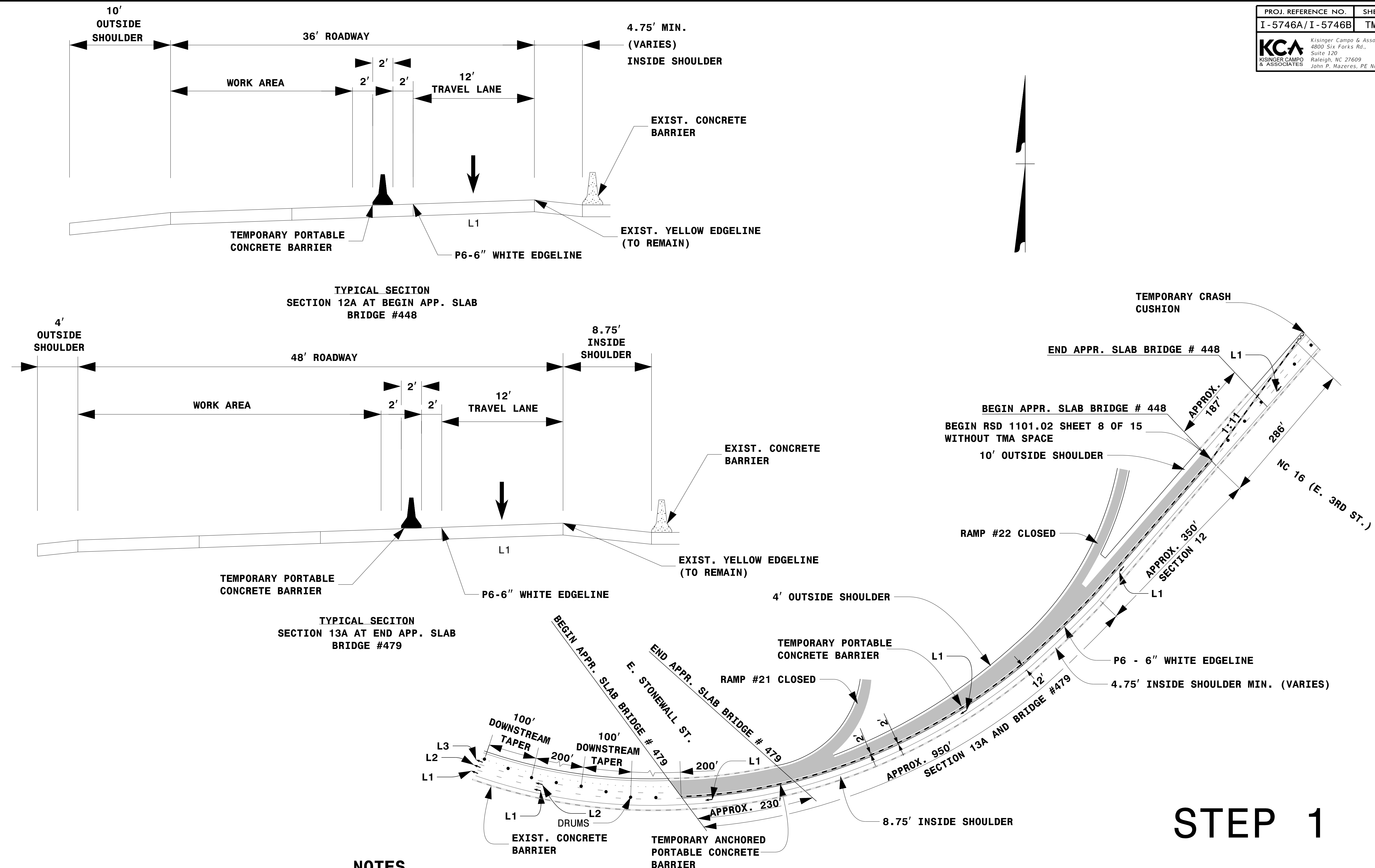
DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 No. 043935



LANE CLOSURE DETAIL
 3 AND 4 LANE SECTIONS
 10A AND 11A: NORTHBOUND
 (STEP 2 OF 2)

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 User: jmazeres

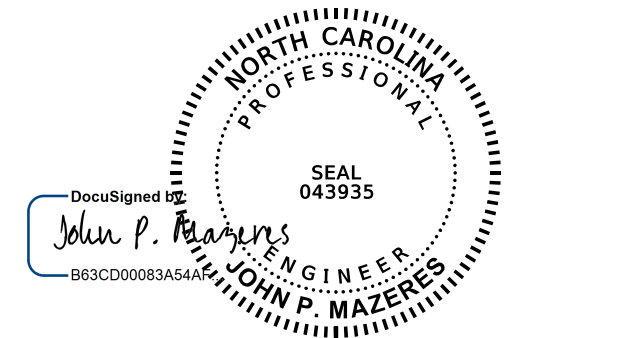


STEP 1

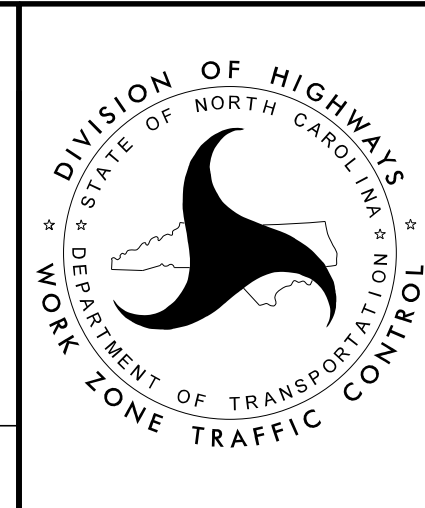
LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	TEMPORARY CRASH CUSHION
	TEMPORARY PORTABLE CONCRETE BARRIER
	WORK AREA

NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-28 (OFFSITE DETOUR 21), TMP-29 (OFFSITE DETOUR 22) AND RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

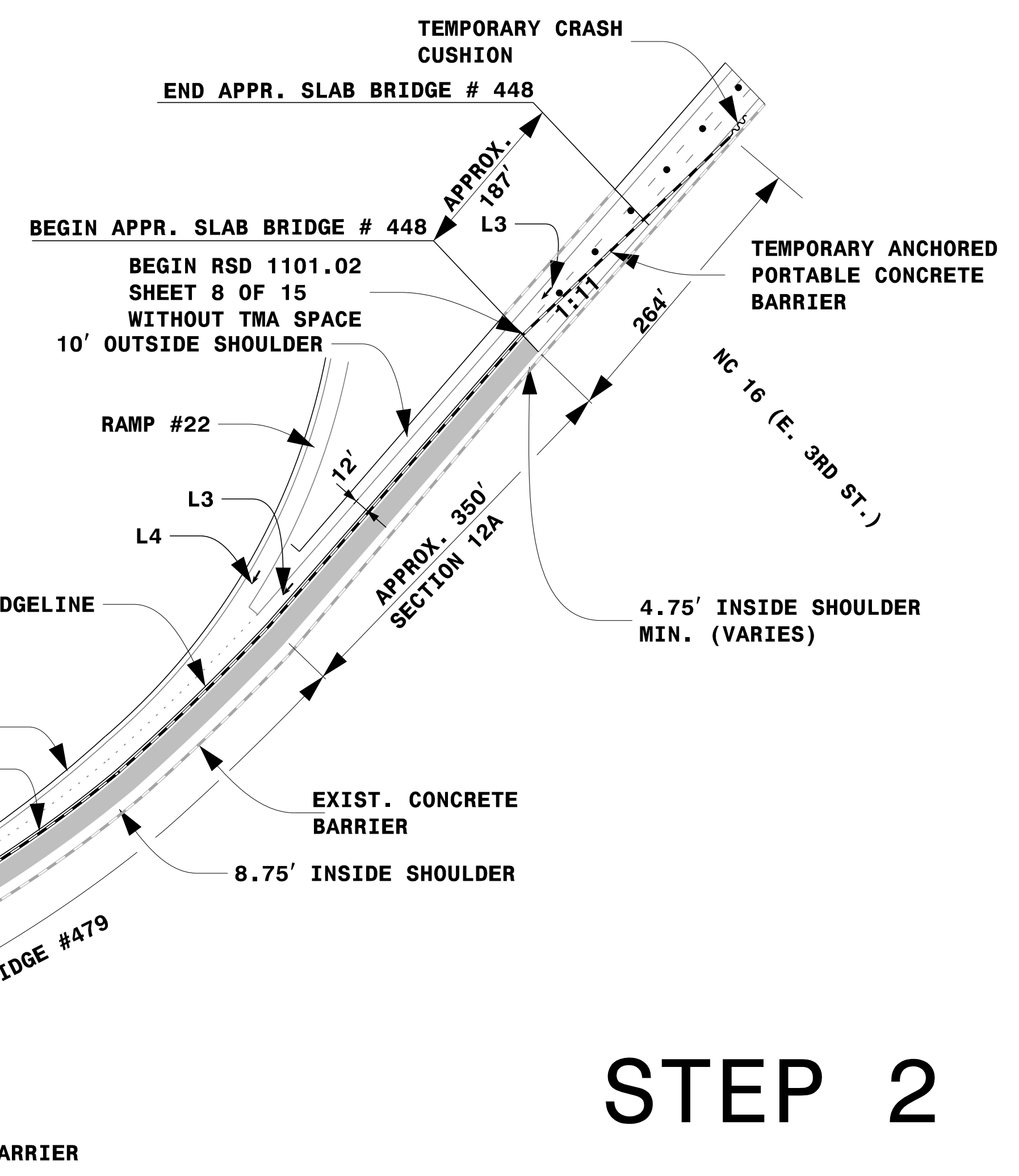
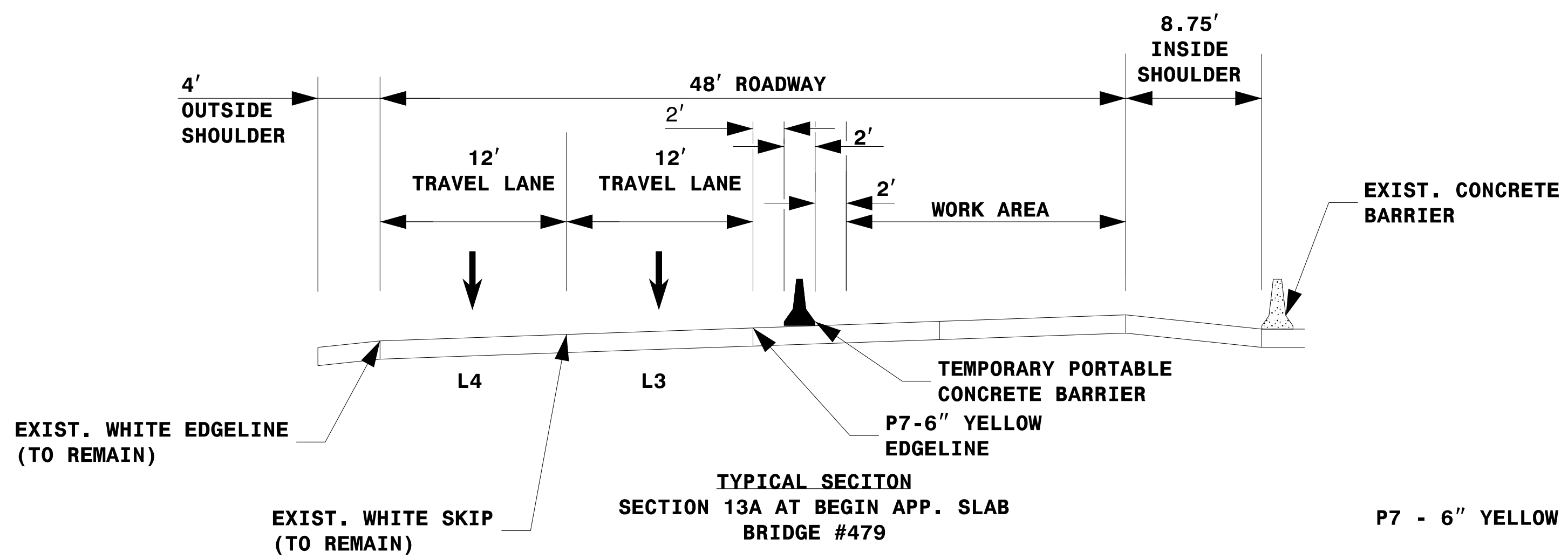
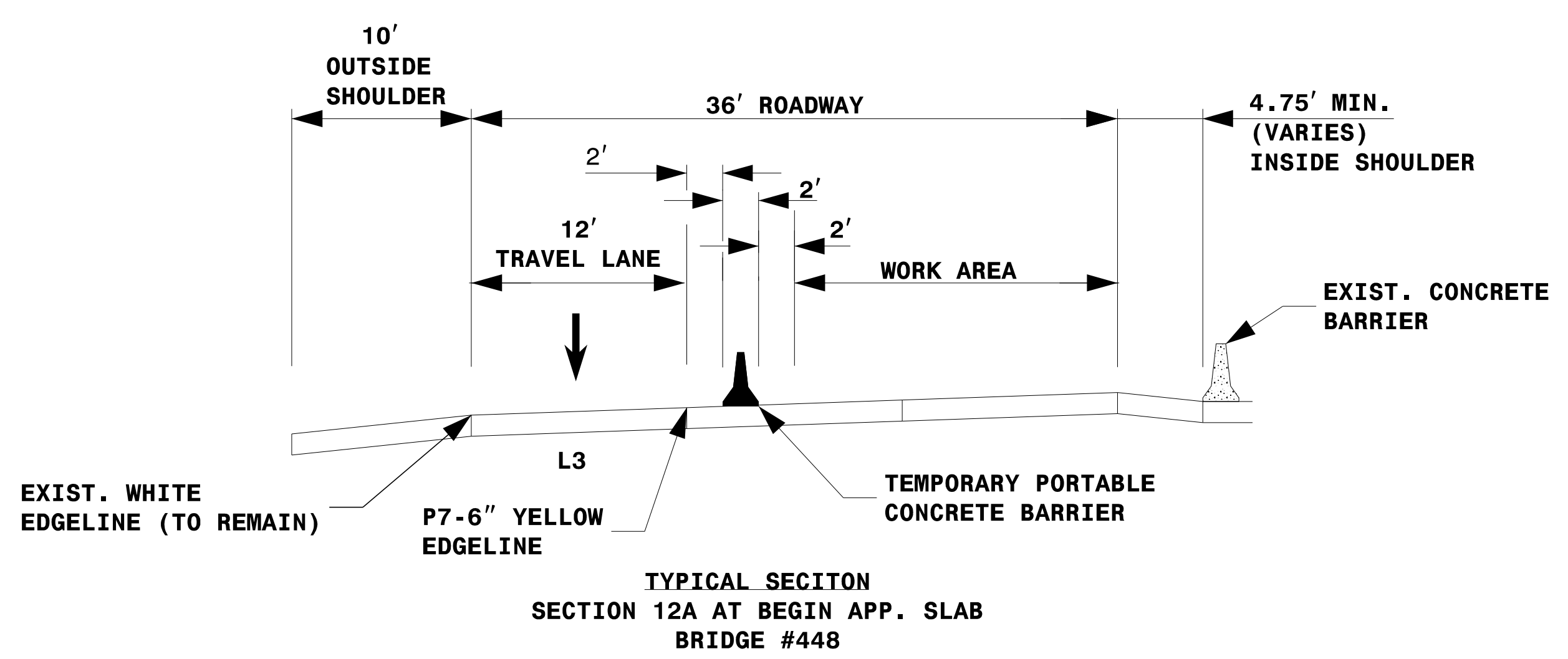
DocuSigned by:

 JOHN P. MAZERES
 PROFESSIONAL ENGINEER
 STATE OF NORTH CAROLINA

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



LANE CLOSURE DETAIL
 3 LANE SECTIONS
 12A AND 13A:
 SOUTHBOUND
 (STEP 1 OF 2)


4/24/2017
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 User: jmazeres



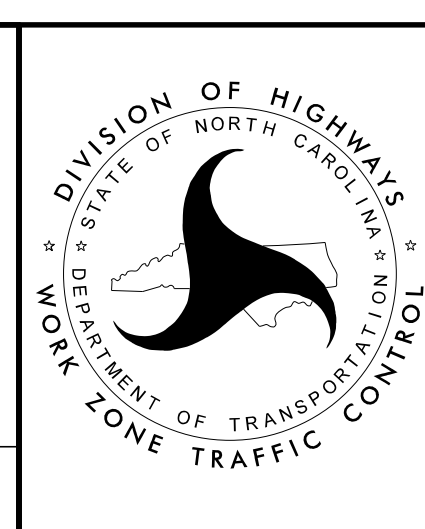
STEP 2

LEGEND	
→	DIRECTION OF TRAFFIC FLOW
●	TRAFFIC DRUM
~	TEMPORARY CRASH CUSHION
▬	TEMPORARY PORTABLE CONCRETE BARRIER
■	WORK AREA

- NOTES:**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
 2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
 3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
 4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

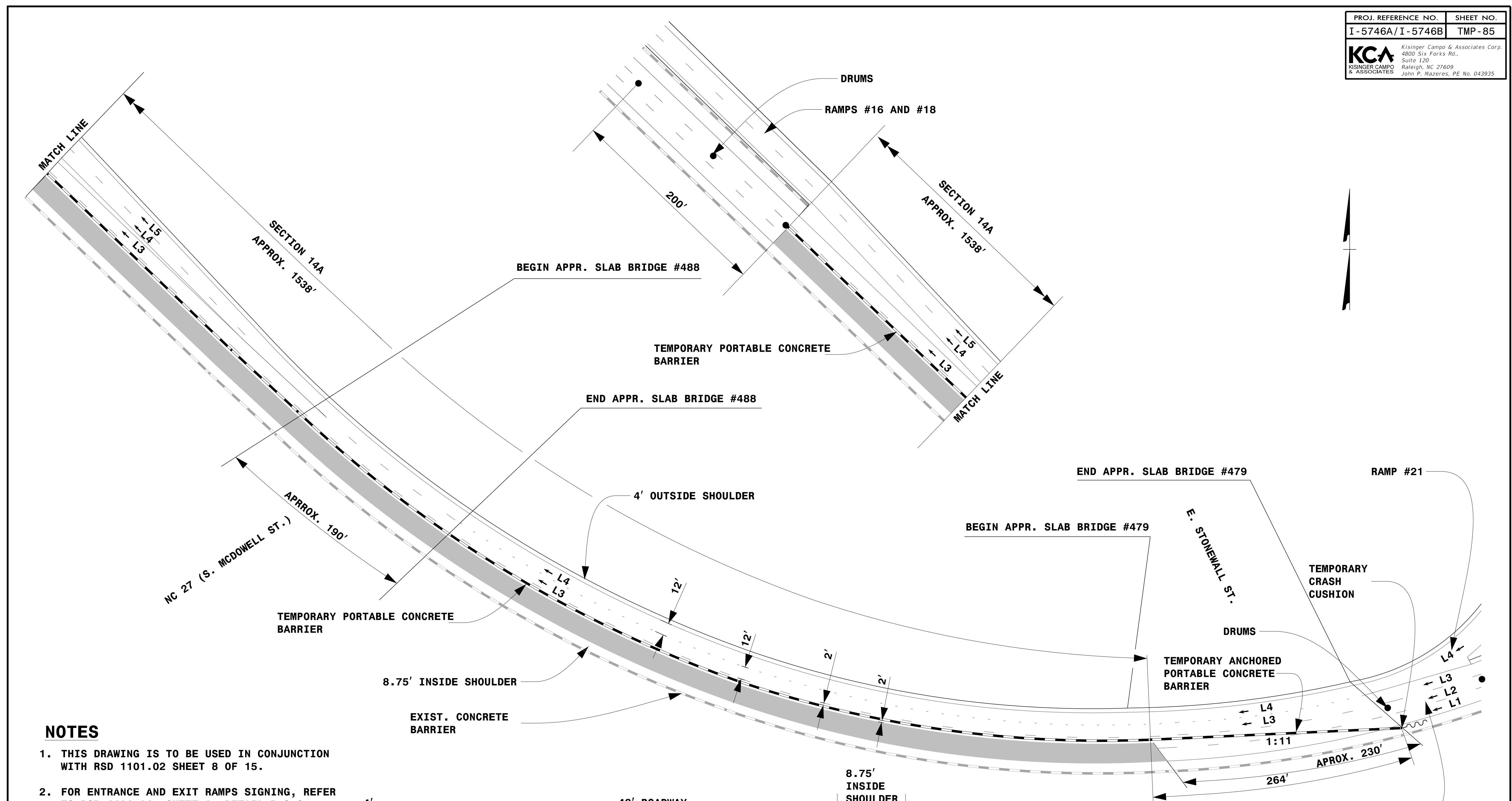
DocuSigned by:

 JOHN P. MAZERES
 PE No. 043935

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED



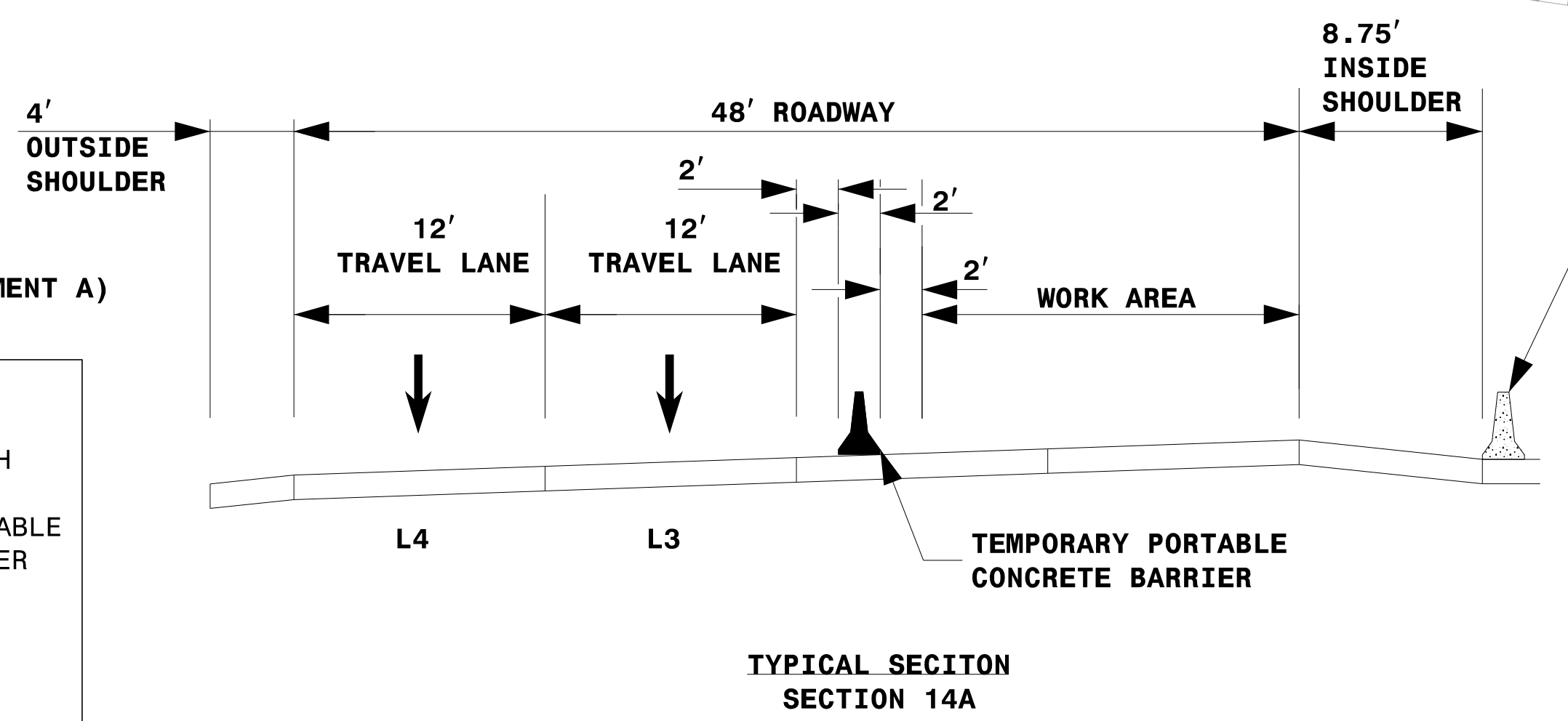
**LANE CLOSURE DETAIL
 3 LANE SECTIONS
 12A AND 13A:
 SOUTHBOUND
 (STEP 2 OF 2)**

4/24/2017
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TCP\200_09_I5746AB_TMP84_I2A & I3A_SB (2 OF 2).dgn
 User: jmazeres



- NOTES**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
 2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
 3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
 4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

LEGEND	
→	DIRECTION OF TRAFFIC FLOW
•	TRAFFIC DRUM
~~~~	TEMPORARY CRASH CUSHION
---	TEMPORARY PORTABLE CONCRETE BARRIER
■	WORK AREA

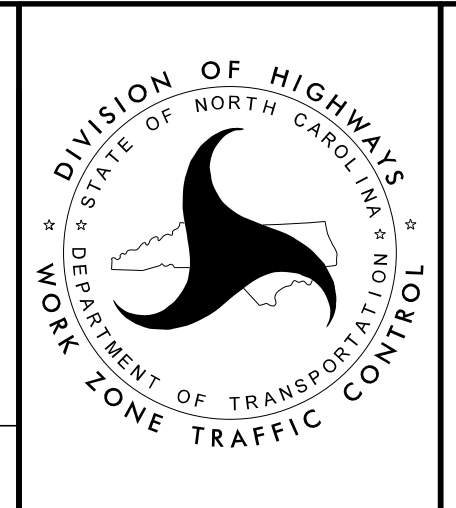


# STEP 1

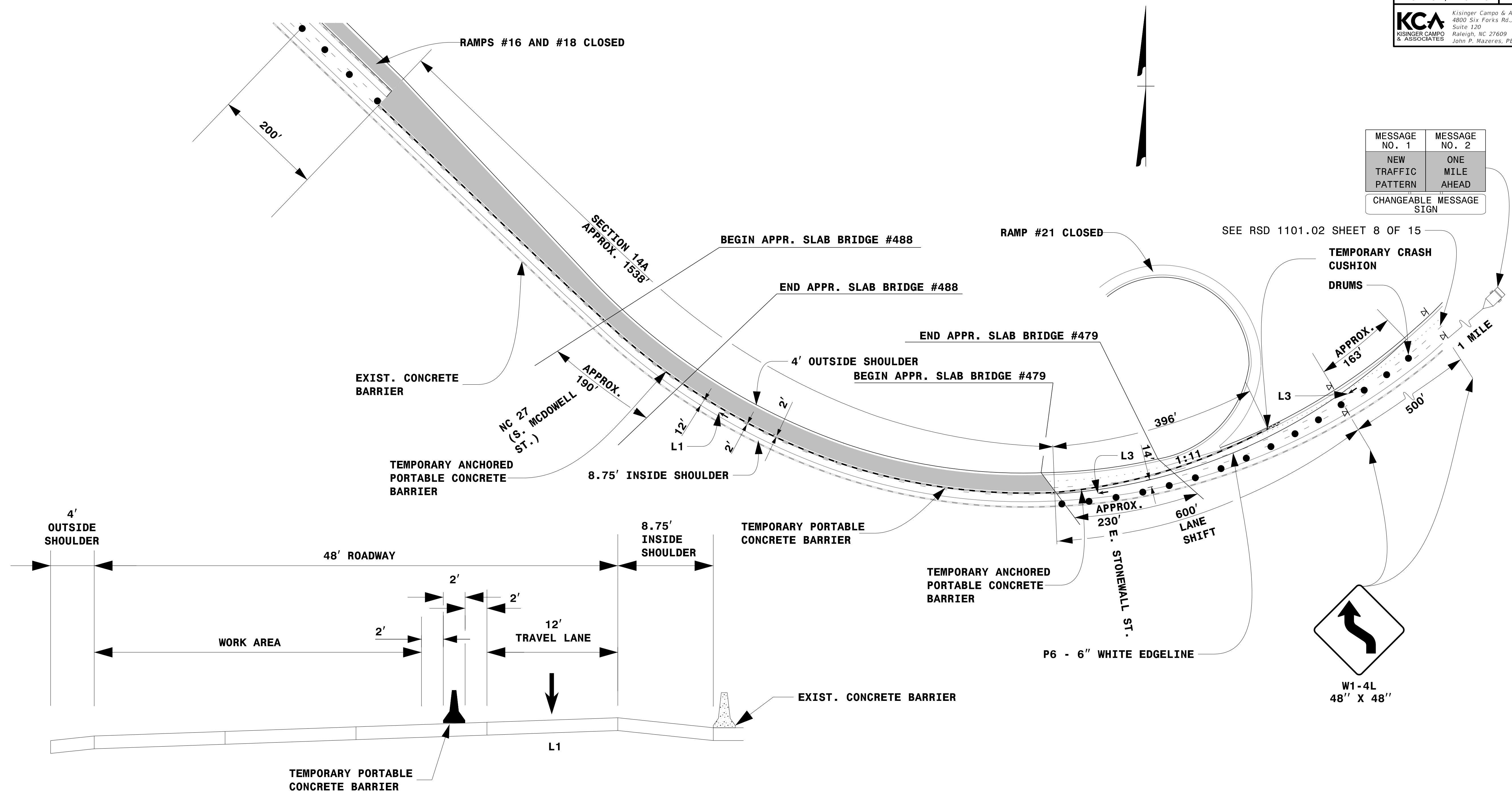
LANE CLOSURE DETAIL  
4 LANE SECTION:  
14A: SOUTHBOUND  
(STEP 1 OF 2)

DocuSigned by:  
*John P. Mazerres*  
SEAL 043935  
NORTH CAROLINA PROFESSIONAL ENGINEER  
JOHN P. MAZERRES

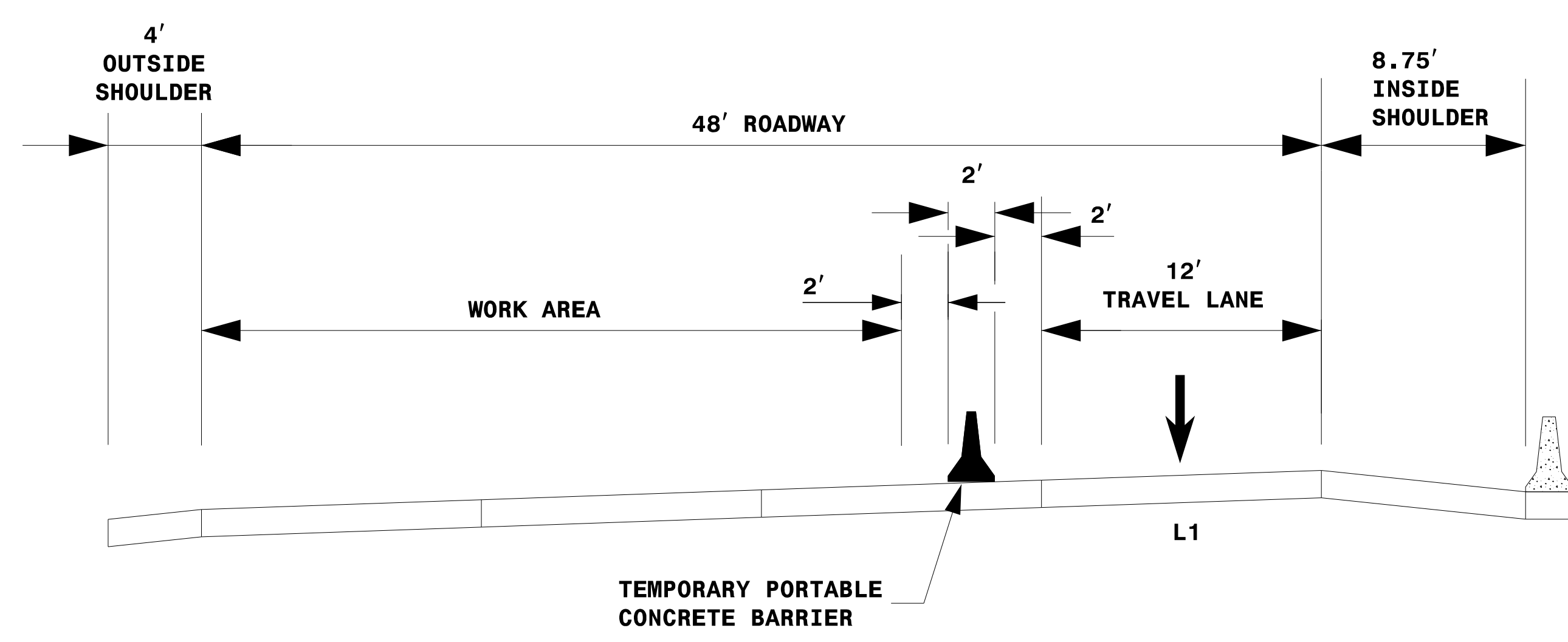
**DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED**



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 User: jmazerres



MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	



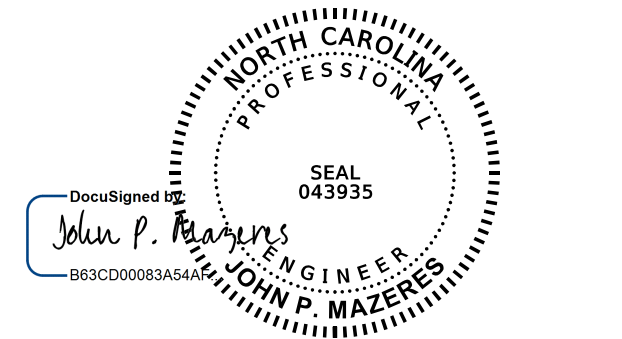
TYPICAL SECTION SECTION 14A

# STEP 2


LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	CHANGEABLE MESSAGE SIGN
	TEMPORARY CRASH CUSHION
	TEMPORARY PORTABLE CONCRETE BARRIER
	WORK AREA

**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-23 (OFFSITE DETOUR 16), TMP-25 (OFFSITE DETOUR 18), TMP-28 (OFFSITE DETOUR 21) AND RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

DocuSigned by:  
  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 No. 043935

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 STATE OF NORTH CAROLINA  
 WORK ZONE TRAFFIC CONTROL

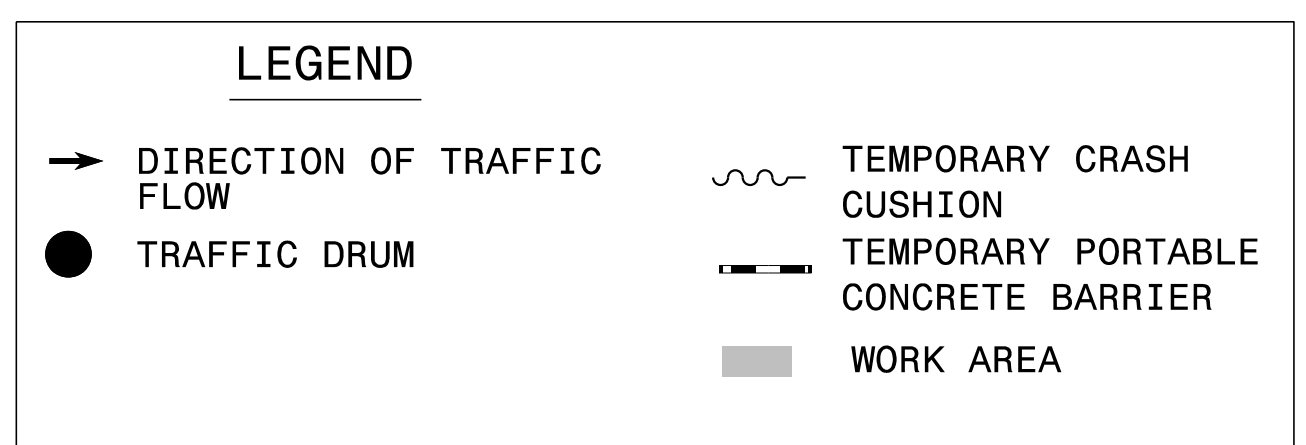
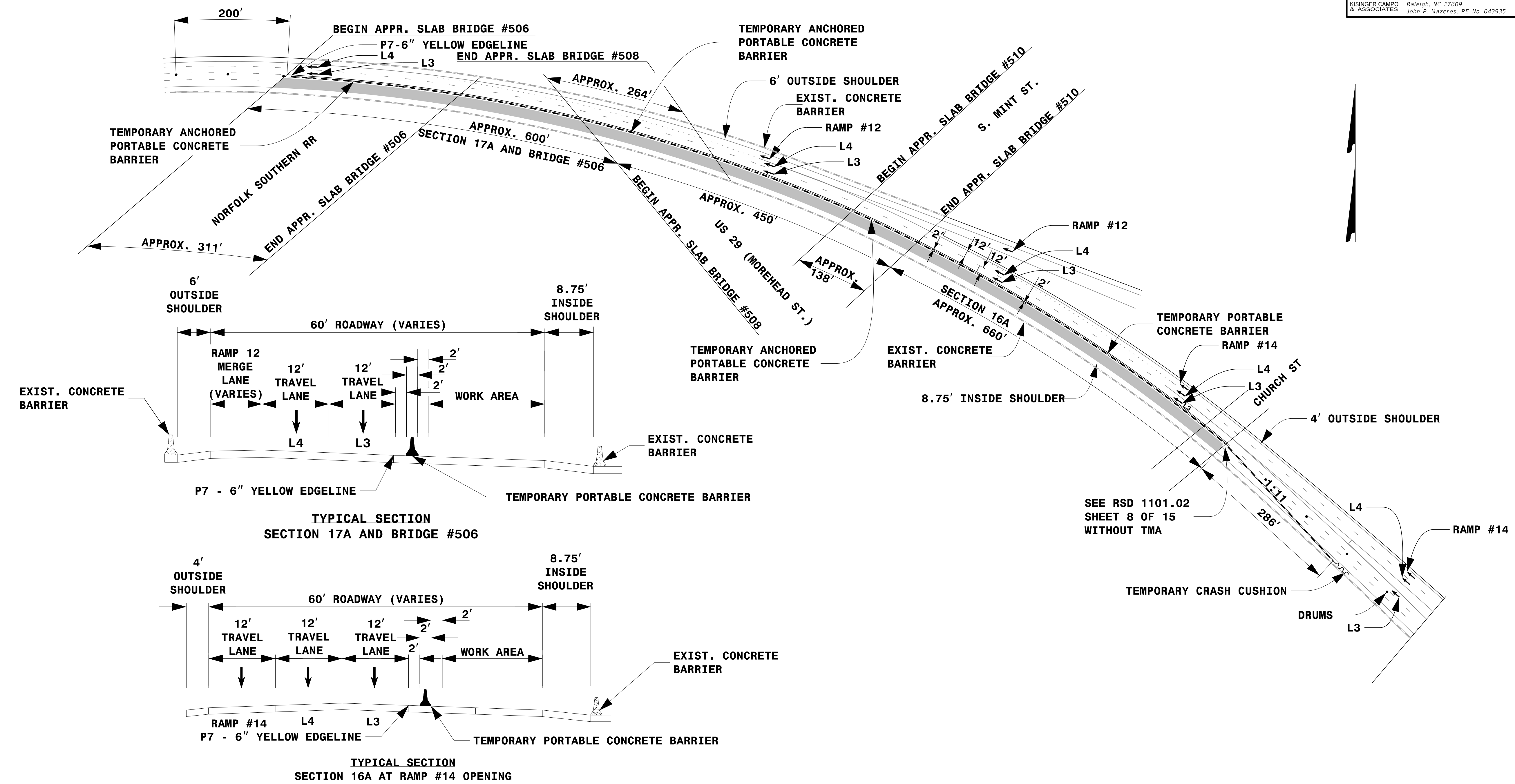


LANE CLOSURE DETAIL  
 4 LANE SECTION:  
 14A: SOUTHBOUND  
 (STEP 2 OF 2)

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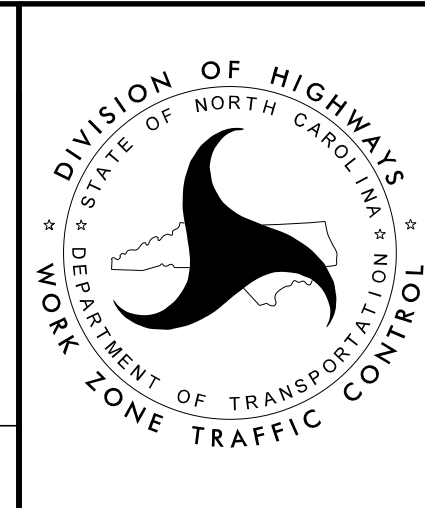
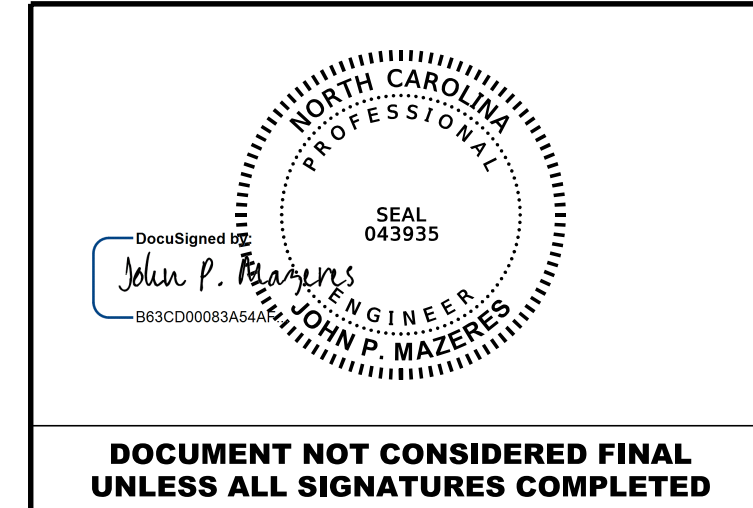
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 User: jmazeres





- NOTES**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
  2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
  3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
  4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

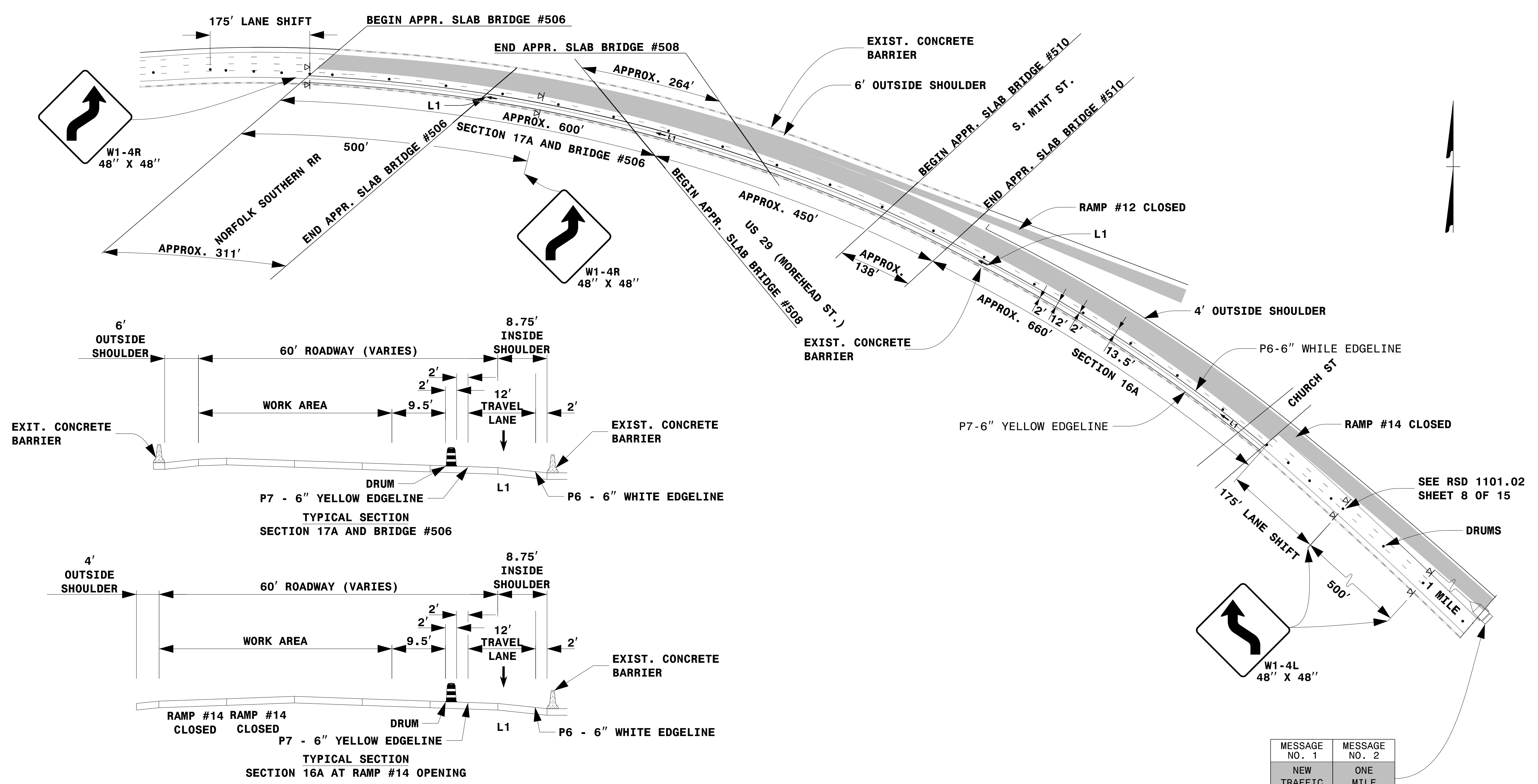
# STEP 1








LANE CLOSURE DETAIL  
 3 AND 4 LANE SECTIONS  
 16A AND 17A:  
 SOUTHBOUND  
 (STEP 1 OF 2)

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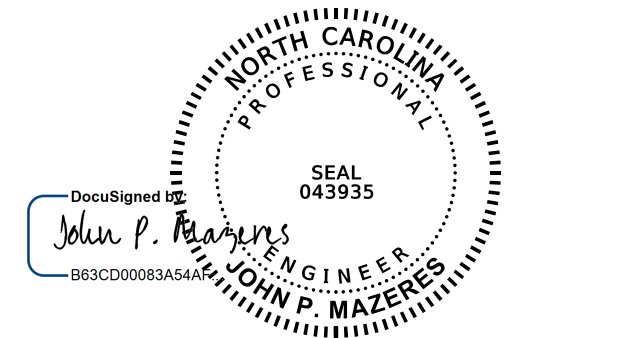


LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	CHANGEABLE MESSAGE SIGN
	WORK AREA

- NOTES**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-19 (OFFSITE DETOUR 12), TMP-21 (OFFSITE DETOUR 14) AND RSD 1101.02 SHEET 8 OF 15.
  2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
  3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
  4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

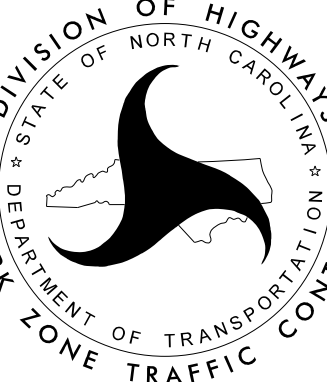
# STEP 2

MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

DocuSigned by:  
  
 SEAL 043935  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 STATE OF NORTH CAROLINA

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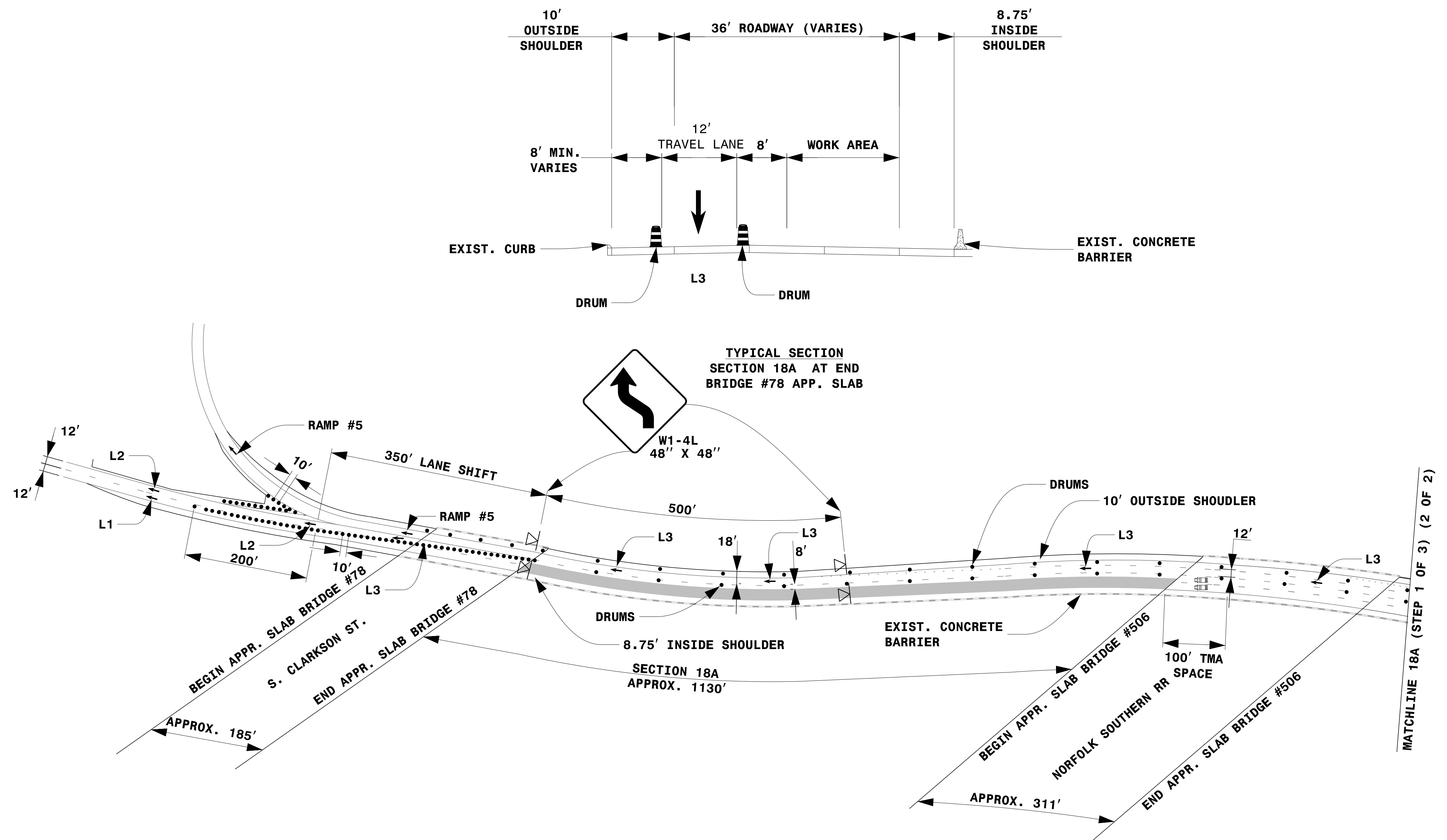
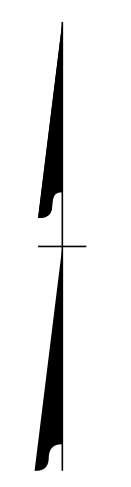
DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 STATE OF NORTH CAROLINA  
 WORK ZONE TRAFFIC CONTROL



LANE CLOSURE DETAIL  
 3 AND 4 LANE SECTIONS  
 16A AND 17A:  
 SOUTHBOUND  
 (STEP 2 OF 2)

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 User: jmazeres





TYPICAL SECTION  
SECTION 18A AT END  
BRIDGE #78 APP. SLAB

**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

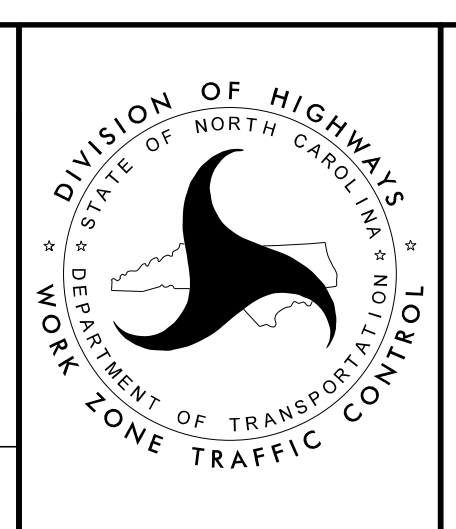
LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	TRUCK MOUNTED ATTENUATOR (TMA)
	WORK AREA

# STEP 1

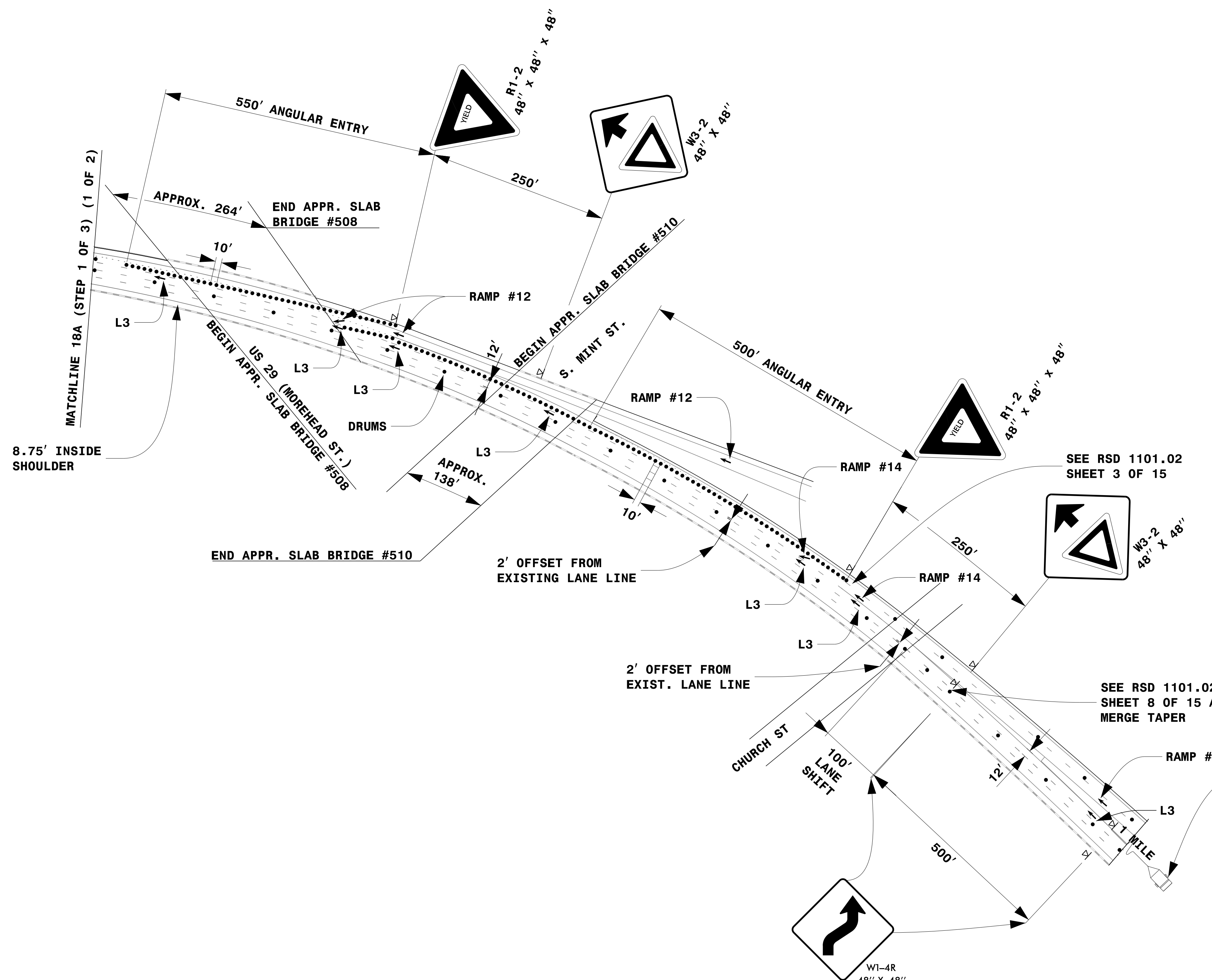
LANE CLOSURE DETAIL  
3 LANE SECTION  
18A: SOUTHBOUND  
(STEP 1 OF 3) (1 OF 2)

DocuSigned by:  
*John P. Mazeres*  
SEAL  
043935  
PROFESSIONAL ENGINEER  
JOHN P. MAZERES






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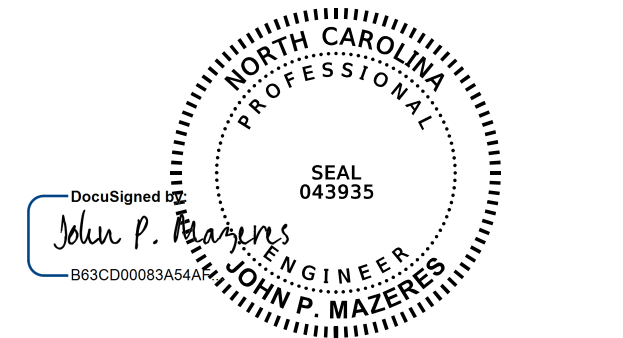


# STEP 1

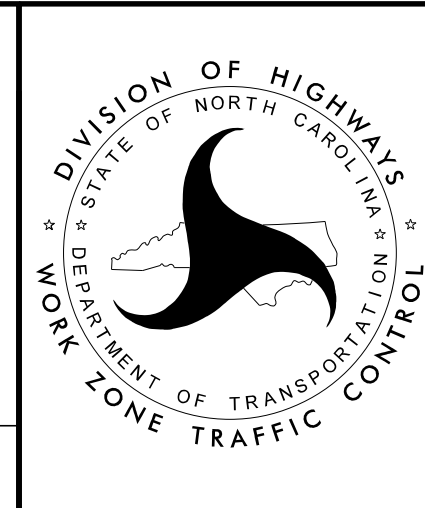
LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	CHANGEABLE MESSAGE SIGN
	WORK AREA

**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15 AND RSD 1101.02 SHEET 3 OF 15.
2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

DocuSigned by:  
  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 No. 043935

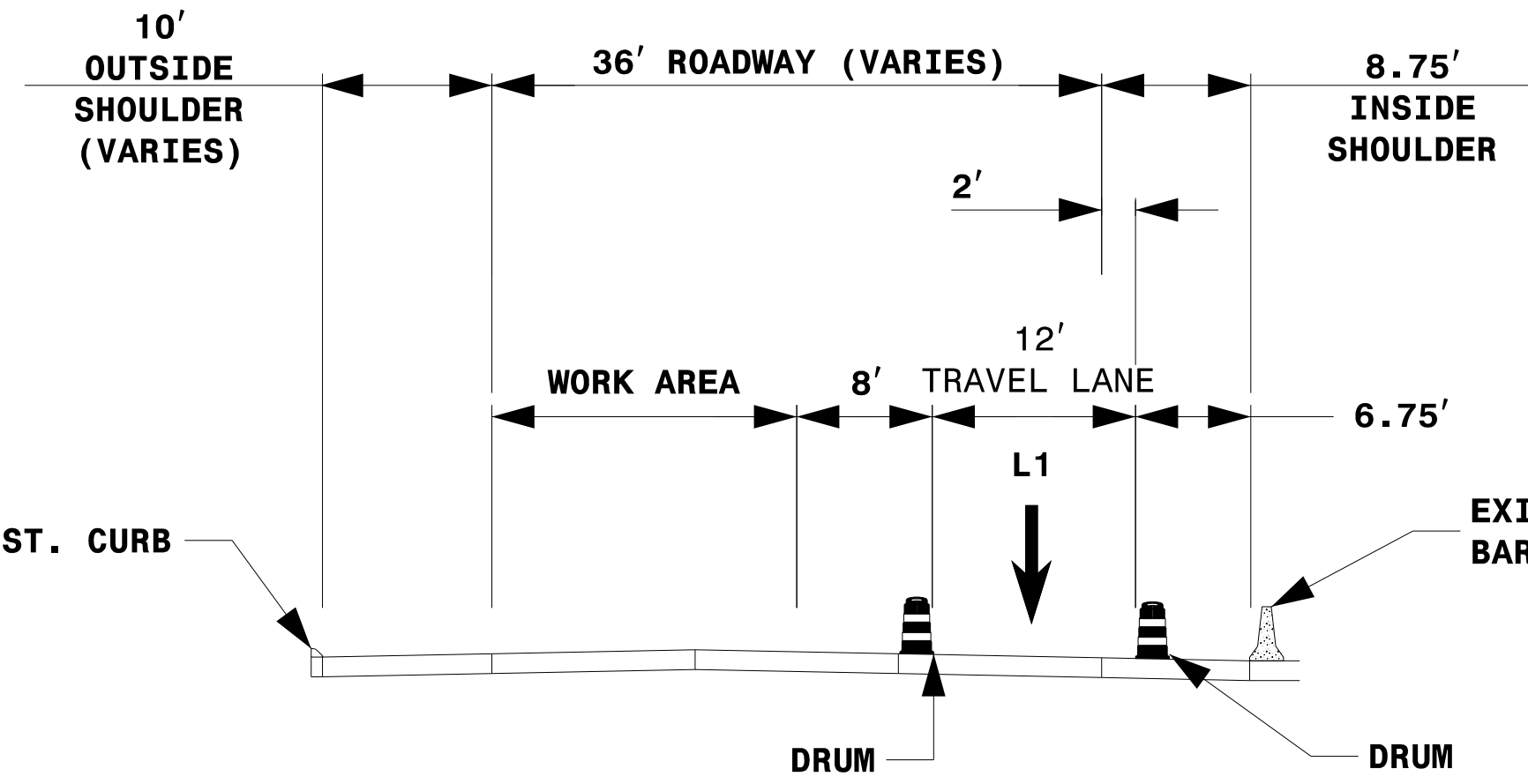
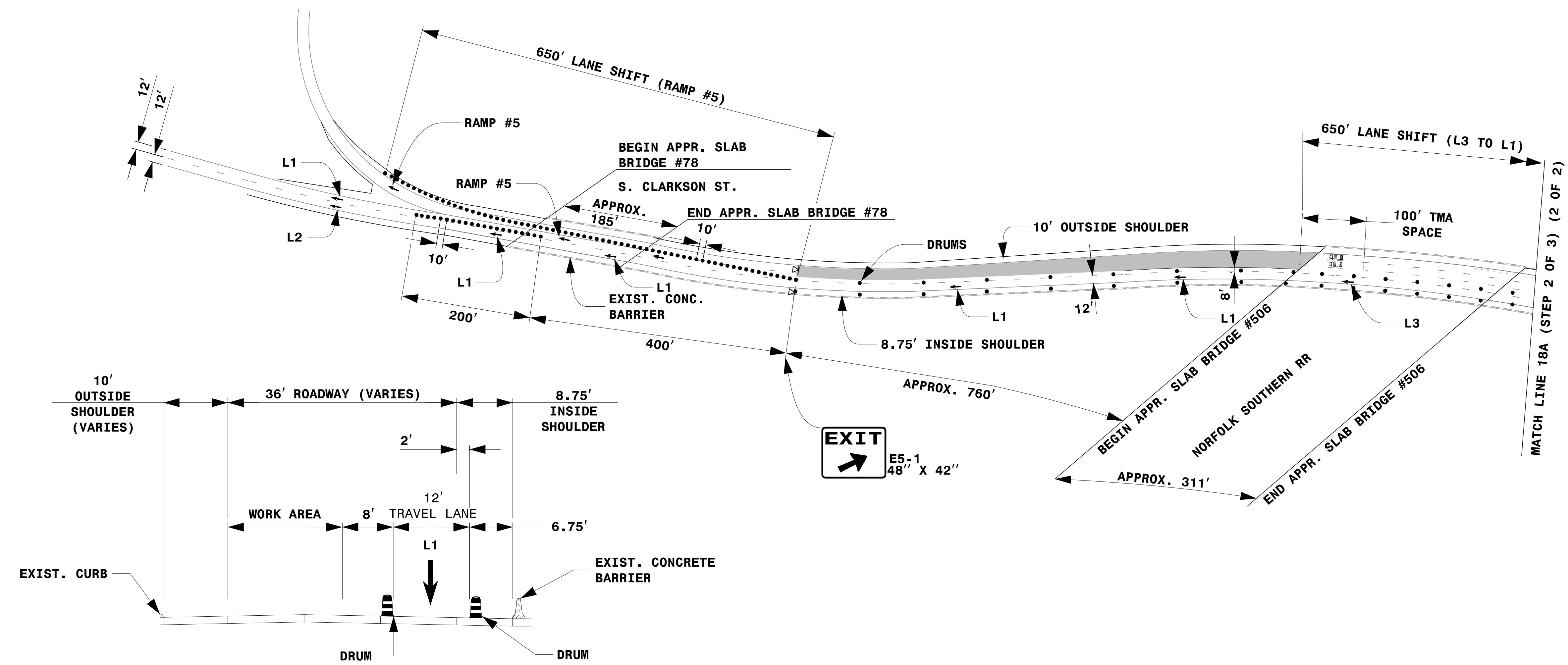
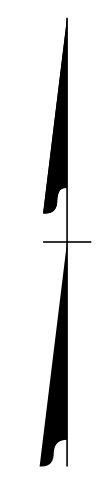
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LANE CLOSURE DETAIL  
 3 LANE SECTION  
 18A: SOUTHBOUND  
 (STEP 1 OF 3) (2 OF 2)

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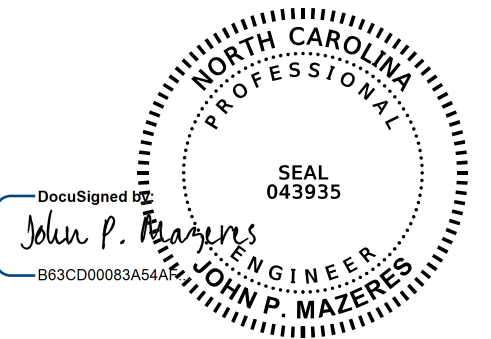
TYPICAL SECTION  
SECTION 18A

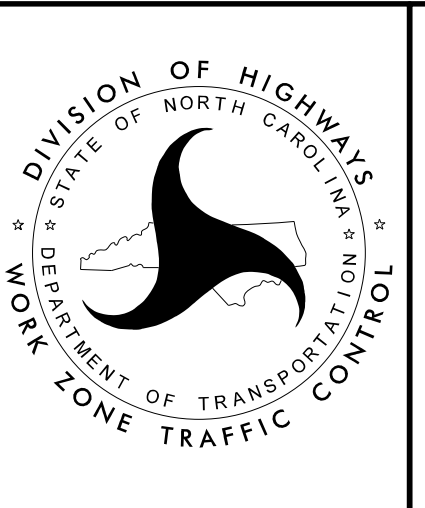
LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	TMA (TRUCK MOUNTED ATTENUATOR)
	WORK AREA

NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-19 (OFFSITE DETOUR 12) AND RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

# STEP 2

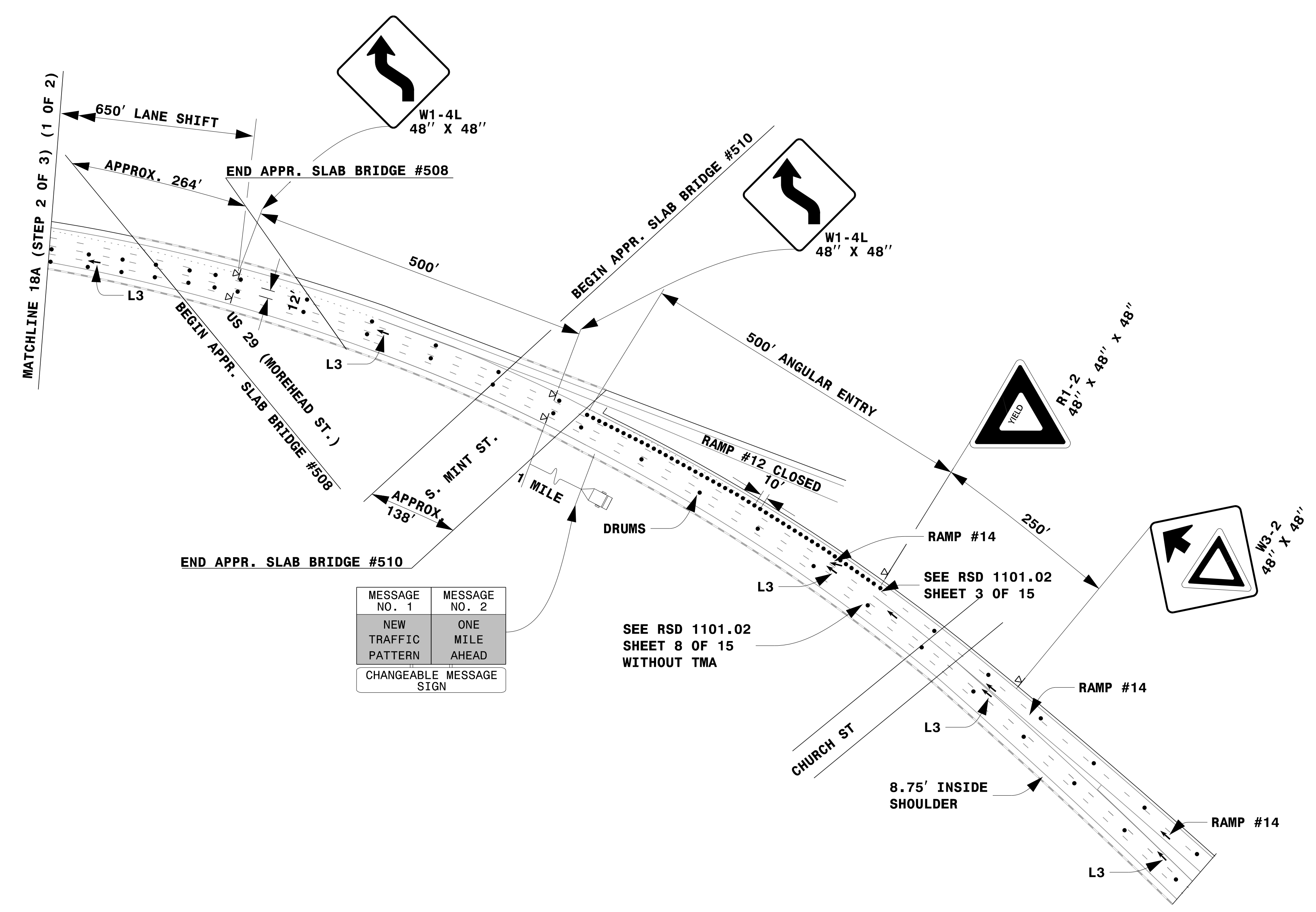
DocuSigned by:  
  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 SEAL 043935



LANE CLOSURE DETAIL  
 3 LANE SECTION  
 18A: SOUTHBOUND  
 (STEP 2 OF 3) (1 OF 2)

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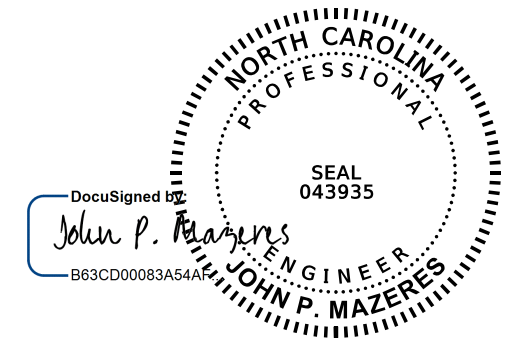
MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

# STEP 2

LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	CHANGEABLE MESSAGE SIGN
	WORK AREA

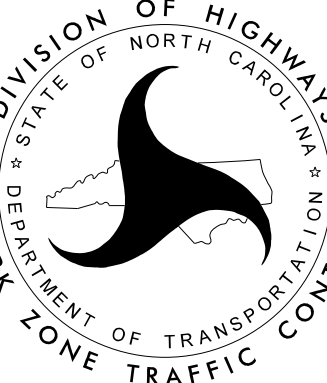
### NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-19 (OFFSITE DETOUR 12), RSD 1101.02 SHEET 8 OF 15 AND RSD 1101.02 SHEET 3 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

DocuSigned by:  
  
 JOHN P. MAZERES, P.E.  
 PROFESSIONAL ENGINEER

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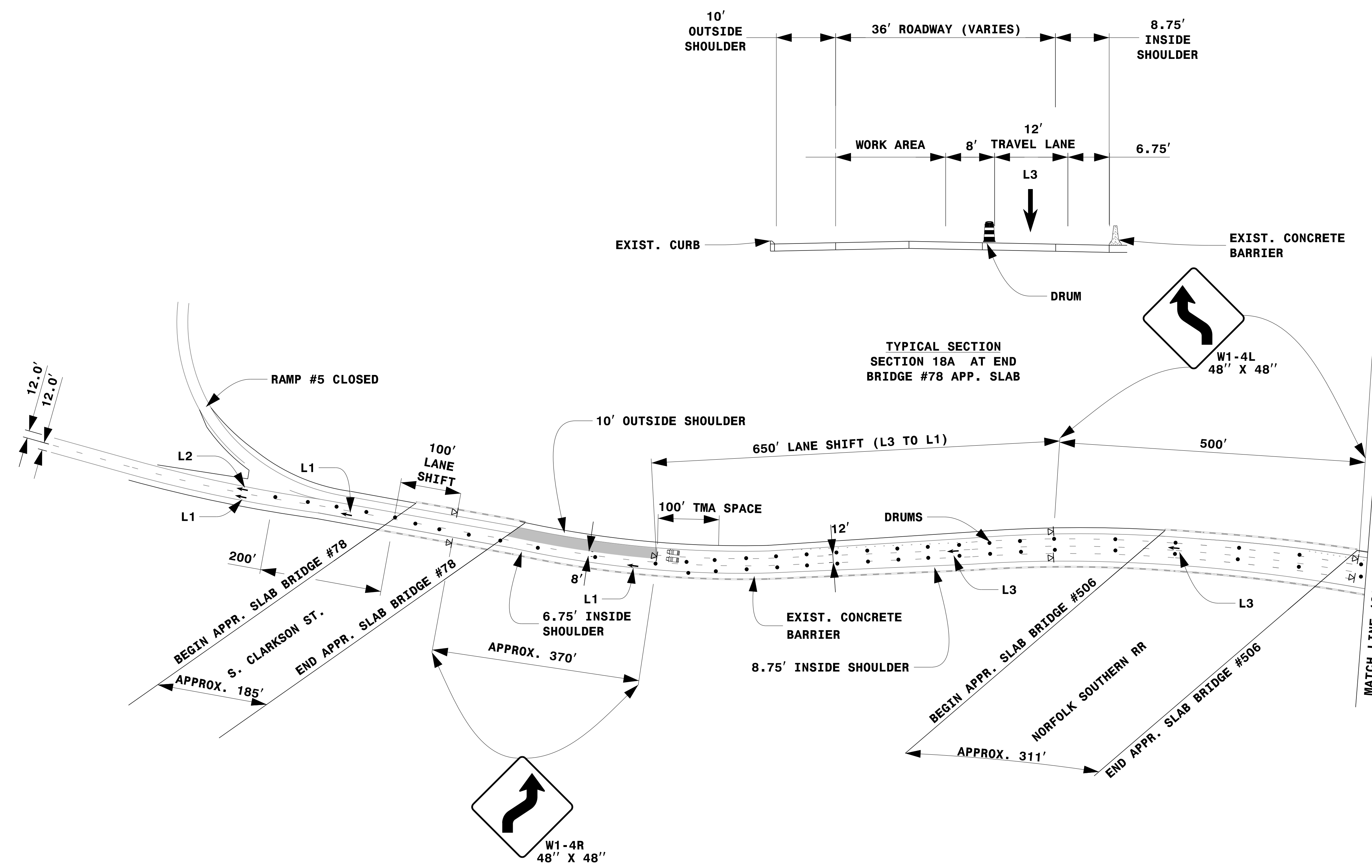
DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 WORK ZONE TRAFFIC CONTROL



LANE CLOSURE DETAIL  
 3 LANE SECTION  
 18A: SOUTHBOUND  
 (STEP 2 OF 3) (2 OF 2)







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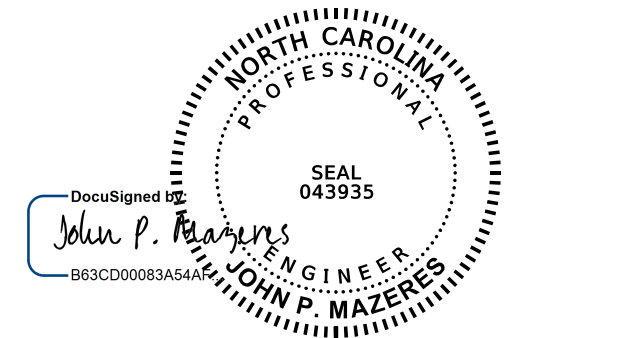


MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

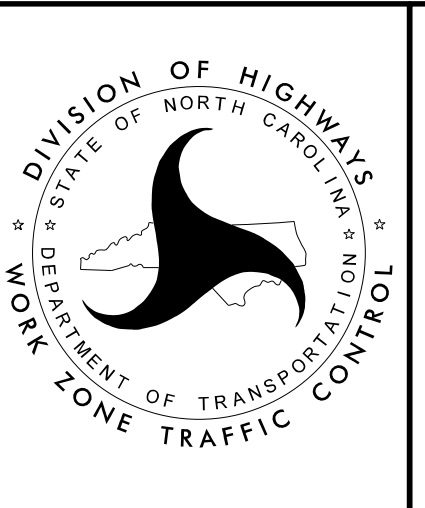
# STEP 3

LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	CHANGEABLE MESSAGE SIGN
	TMA (TRUCK MOUNTED ATTENUATOR)
	WORK AREA

- NOTES**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-12 (OFFSITE DETOUR 5) AND RSD 1101.02 SHEET 8 OF 15.
  2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
  3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
  4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

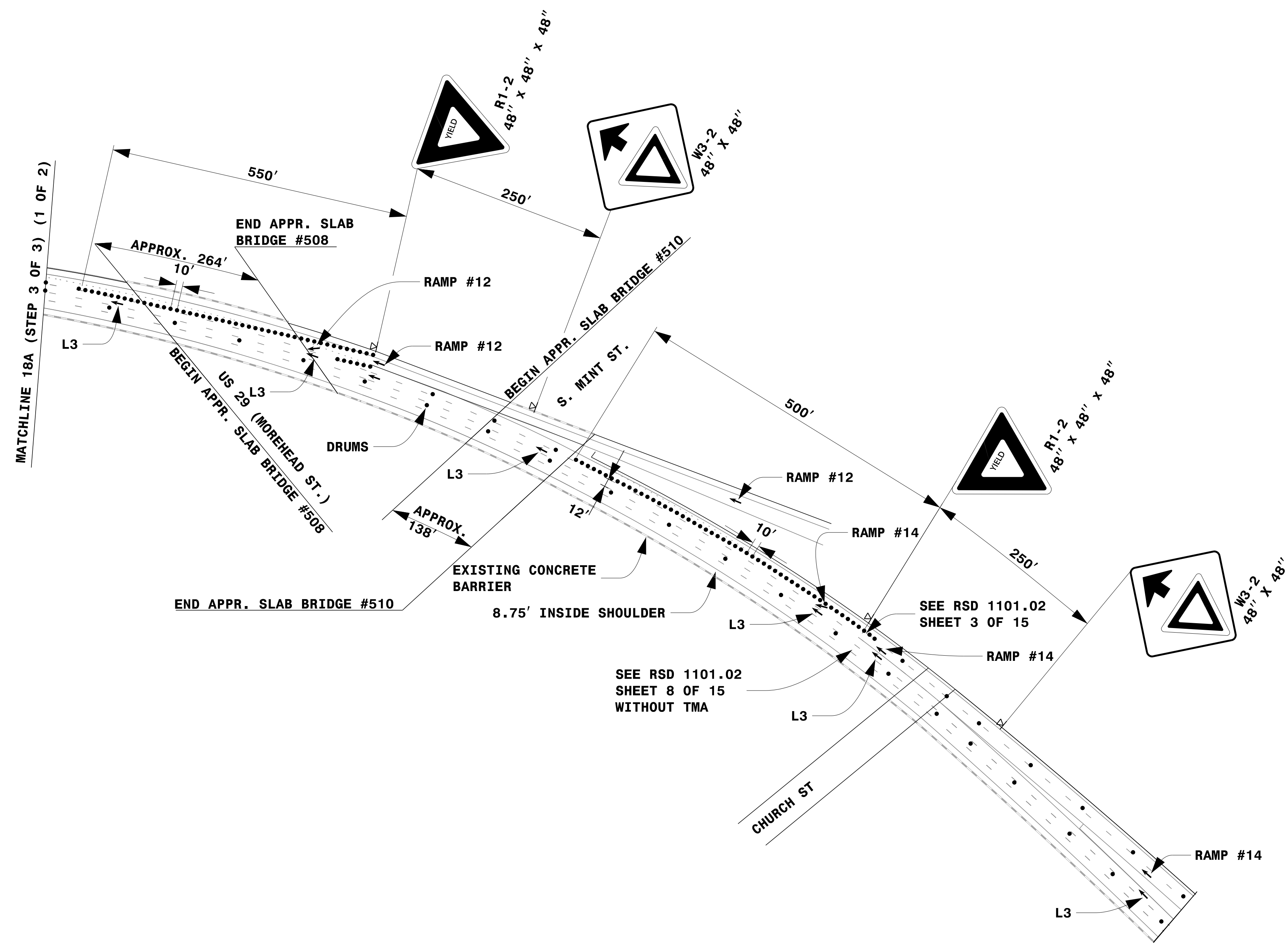
DocuSigned by:  
  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 No. 043935

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





LANE CLOSURE DETAIL  
 3 LANE SECTION  
 18A: SOUTHBOUND  
 (STEP 3 OF 3) (1 OF 2)

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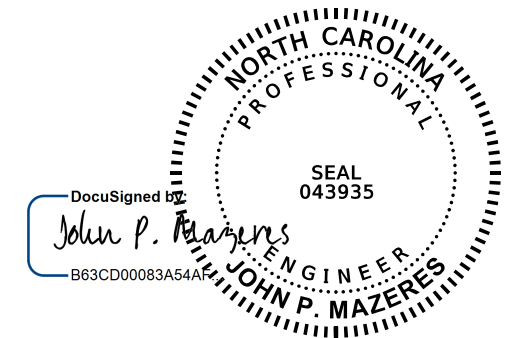
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 User: jmazeres

LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	WORK AREA

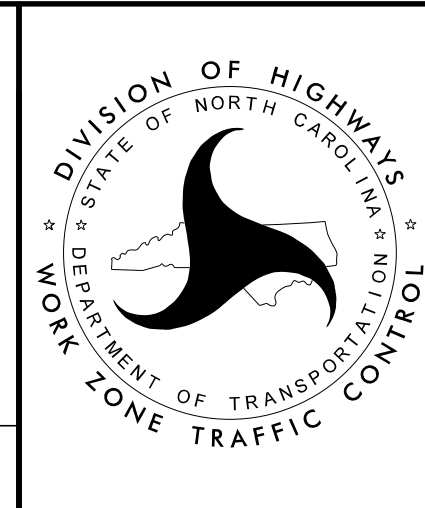
**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-12 (OFFSITE DETOUR 5), RSD 1101.02 SHEET 8 OF 15 AND RSD 1101.02 SHEET 3 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

# STEP 3

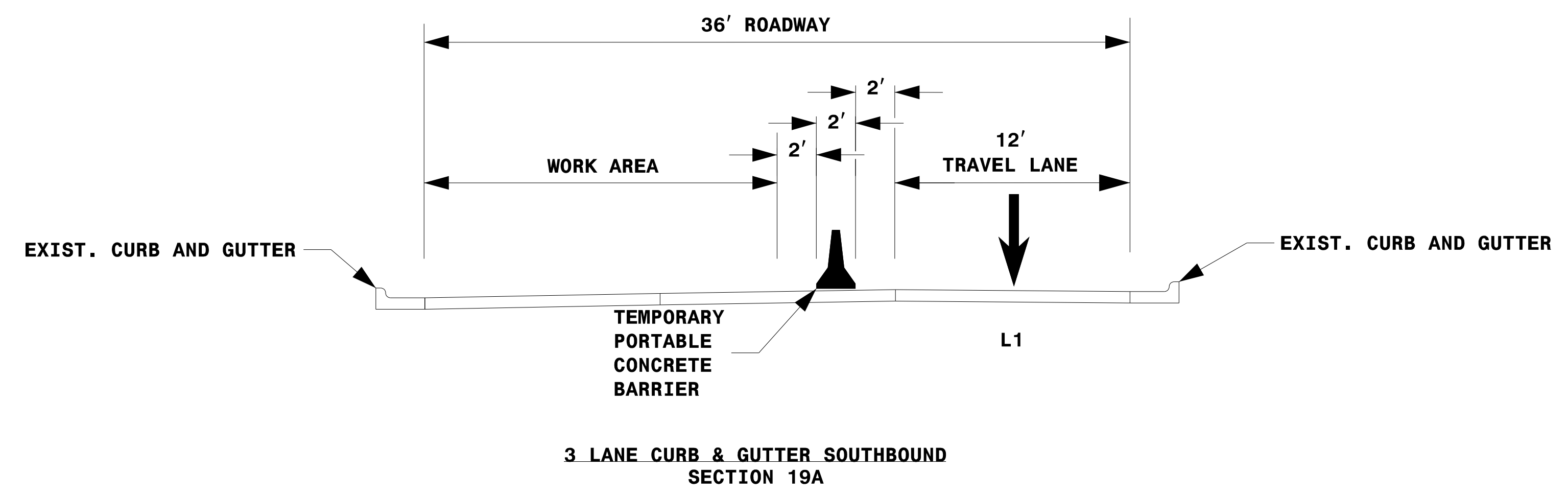
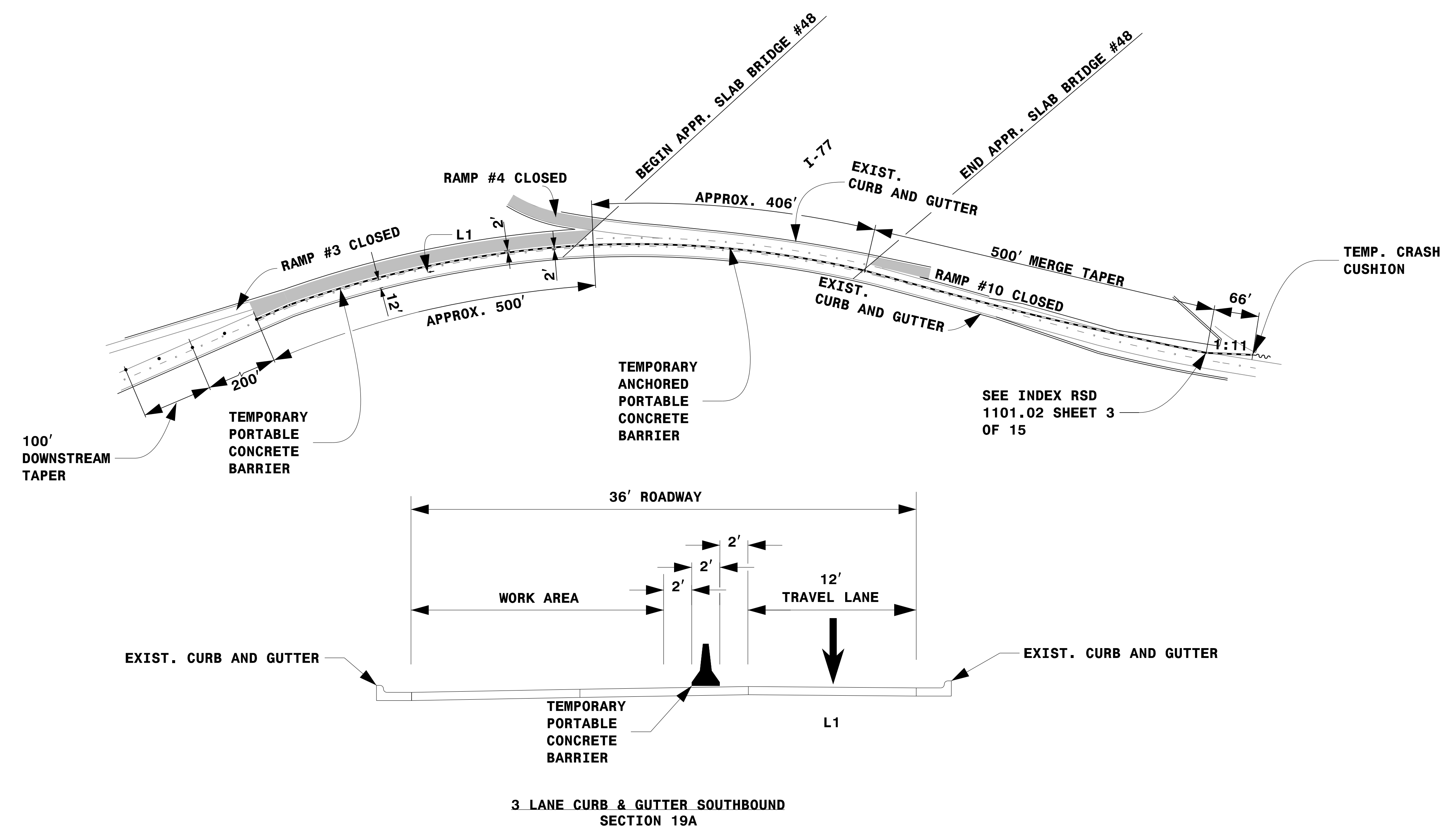
DocuSigned by:  
  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 No. 043935

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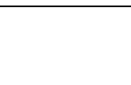


LANE CLOSURE DETAIL  
 3 LANE SECTION  
 18A: SOUTHBOUND  
 (STEP 3 OF 3) (2 OF 2)



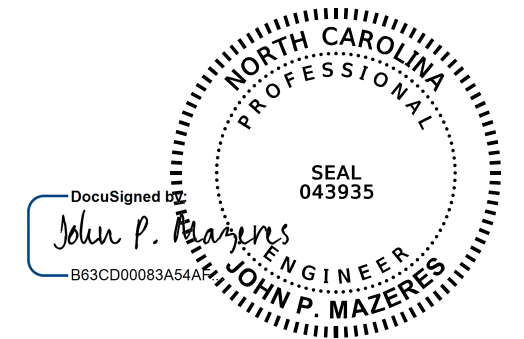


# STEP 1

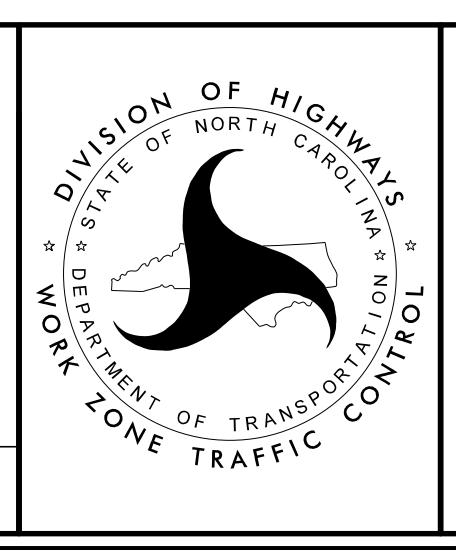
LEGEND	
	TEMPORARY CRASH CUSHION
	TEMPORARY PORTABLE CONCRETE BARRIER
	WORK AREA
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM

## NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-11 (OFFSITE DETOUR 4), TMP-17 (OFFSITE DETOUR 10) AND RSD 1101.02 SHEET 3 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

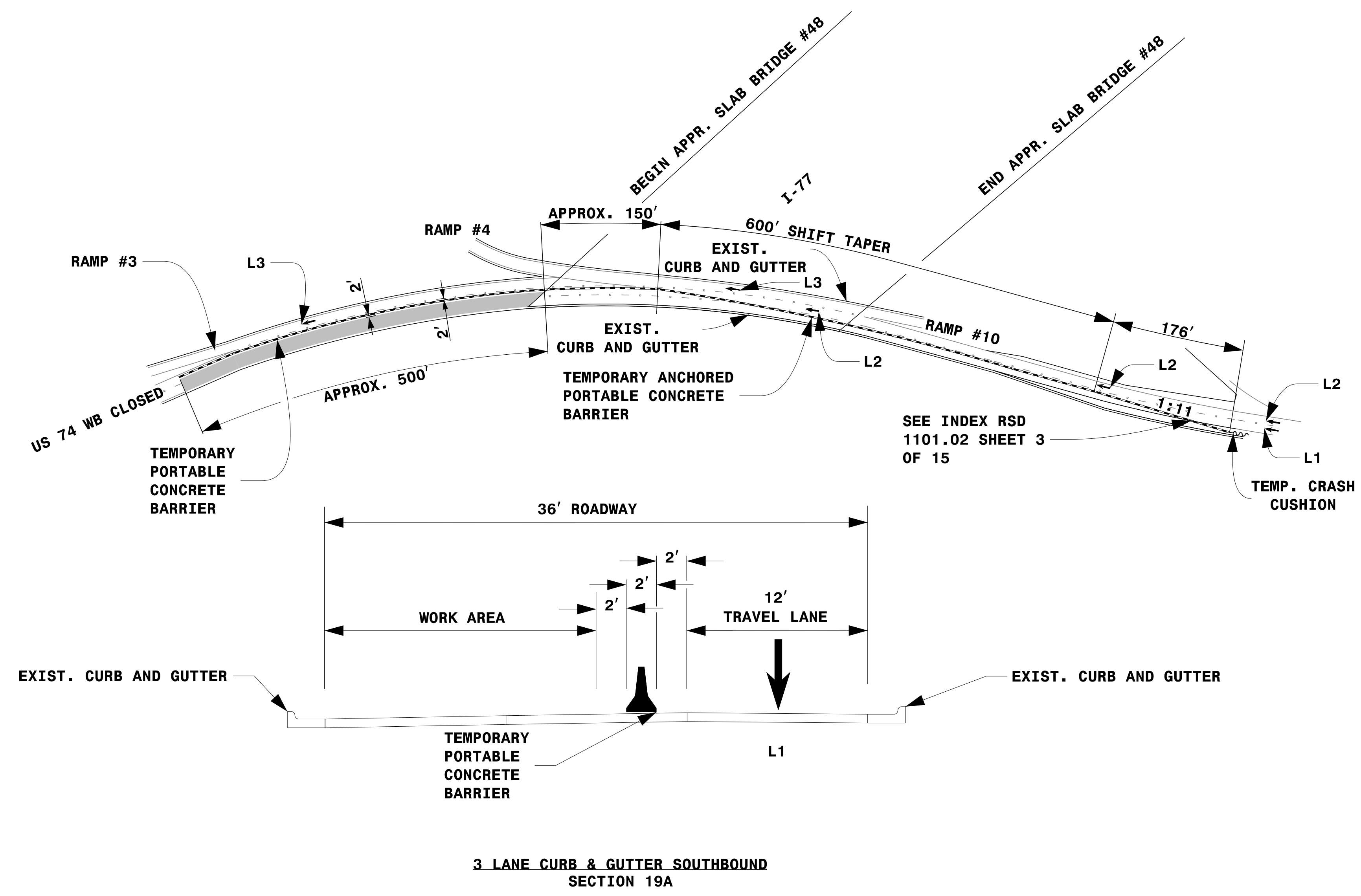
DocuSigned by:  
  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 STATE OF NORTH CAROLINA

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LANE CLOSURE DETAIL  
 3 LANE CURB AND  
 GUTTER SECTION 19A:  
 SOUTHBOUND  
 (STEP 1 OF 2)

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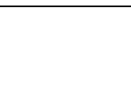
3 LANE CURB & GUTTER SOUTHBOUND SECTION 19A

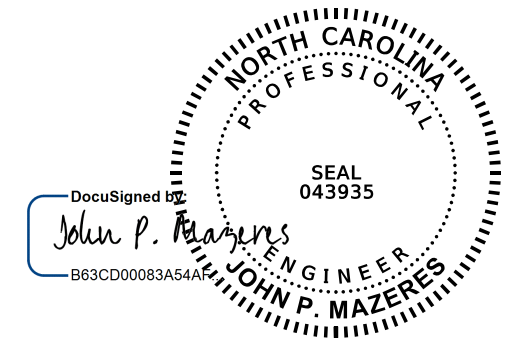
# STEP 2

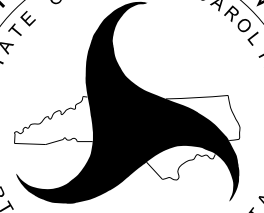
## NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-43 (OFFSITE DETOUR US 74 WB WEST OF BRIDGE #48) AND RSD 1101.02, SHEET 3 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

**LEGEND**

-  TEMPORARY CRASH CUSHION
-  TEMPORARY PORTABLE CONCRETE BARRIER
-  WORK AREA
-  DIRECTION OF TRAFFIC FLOW
-  TRAFFIC DRUM

DocuSigned by:  
  
 SEAL 043935  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 B63C000834544

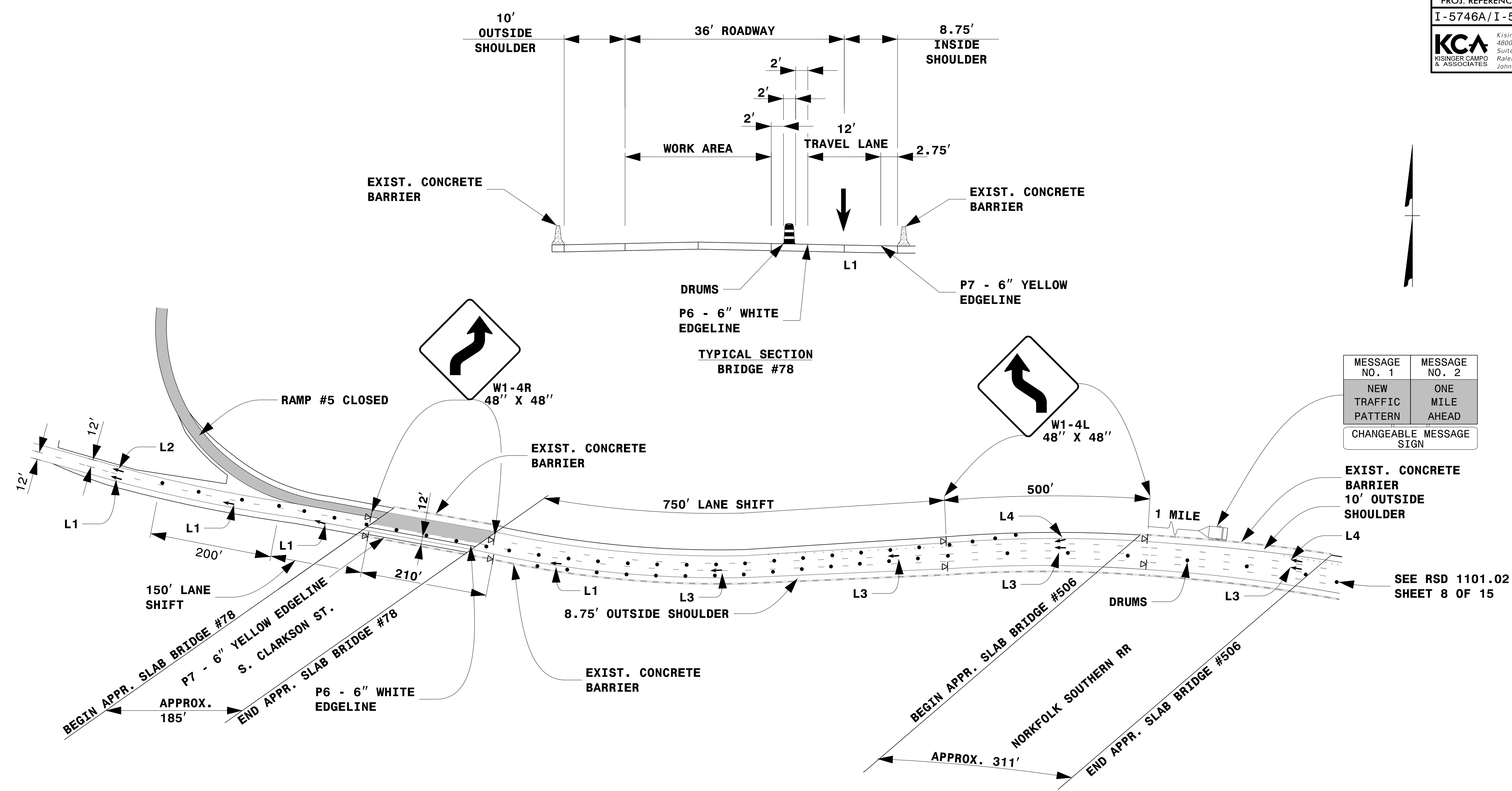
DIVISION OF HIGHWAYS  
 STATE OF NORTH CAROLINA  
  
 DEPARTMENT OF TRANSPORTATION  
 WORK ZONE TRAFFIC CONTROL

LANE CLOSURE DETAIL  
 3 LANE CURB AND GUTTER SECTION 19A:  
 SOUTHBOUND  
 (STEP 2 OF 2)

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

4/24/2017  
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User:jmazer








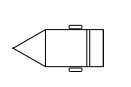

TYPICAL SECTION  
BRIDGE #78

MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

EXIST. CONCRETE BARRIER  
10' OUTSIDE SHOULDER

SEE RSD 1101.02  
SHEET 8 OF 15

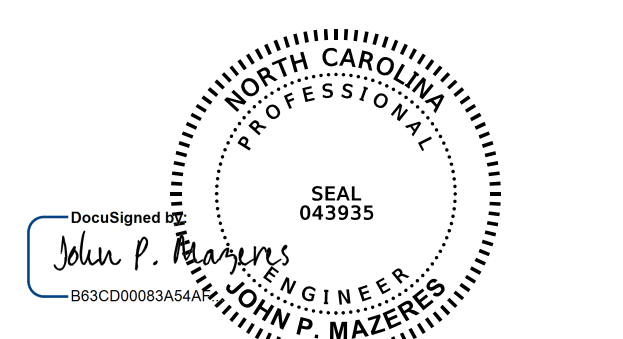
4/24/2017  
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 User: jmazeres

LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	CHANGEABLE MESSAGE SIGN
	WORK AREA

NOTES


1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15 AND TMP-12 (OFFSITE DETOUR 5).
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

# STEP 1

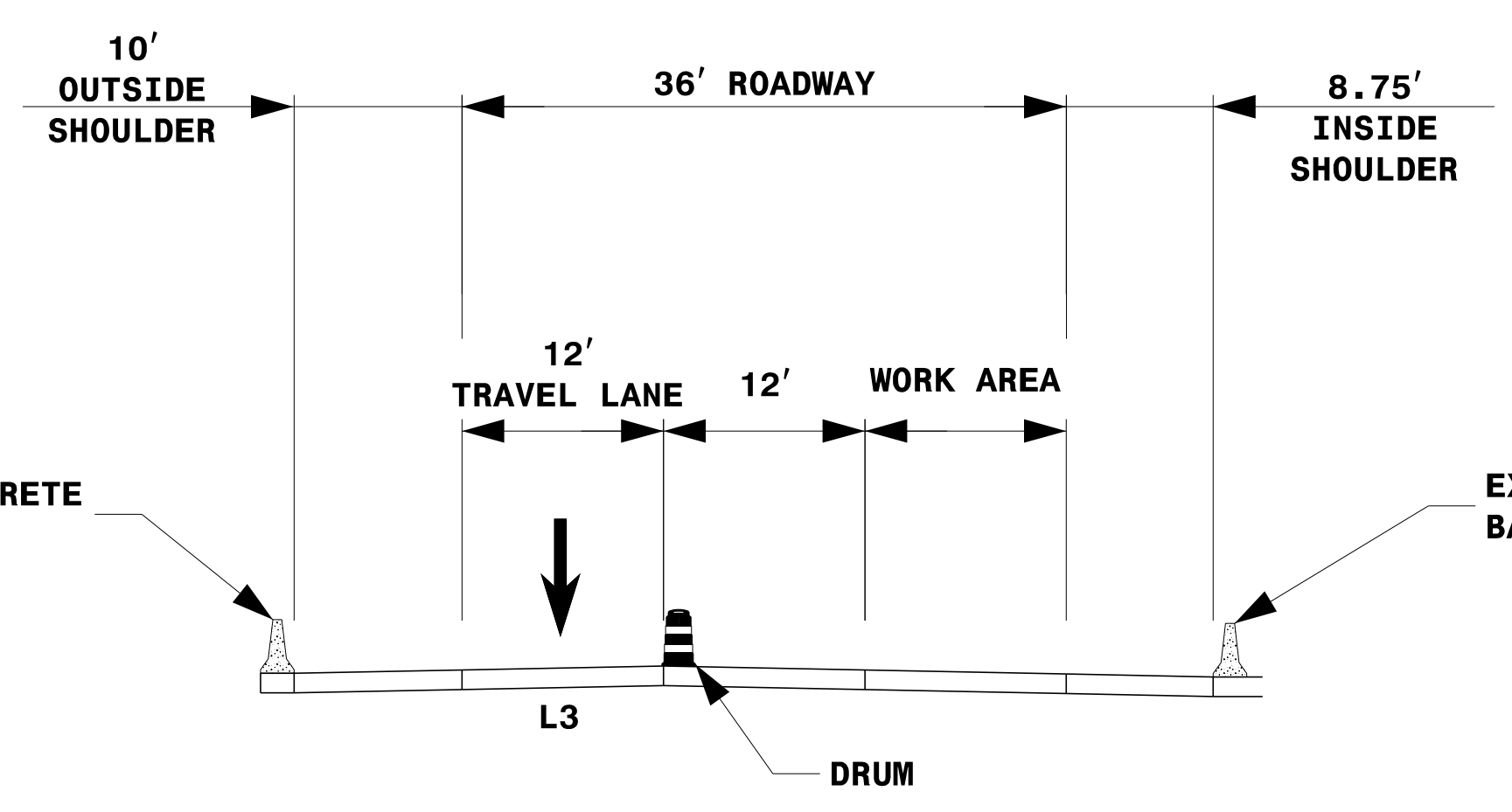
DocuSigned by:  
  
 JOHN P. MAZERES, P.E.  
 PROFESSIONAL ENGINEER  
 NO. 043935

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

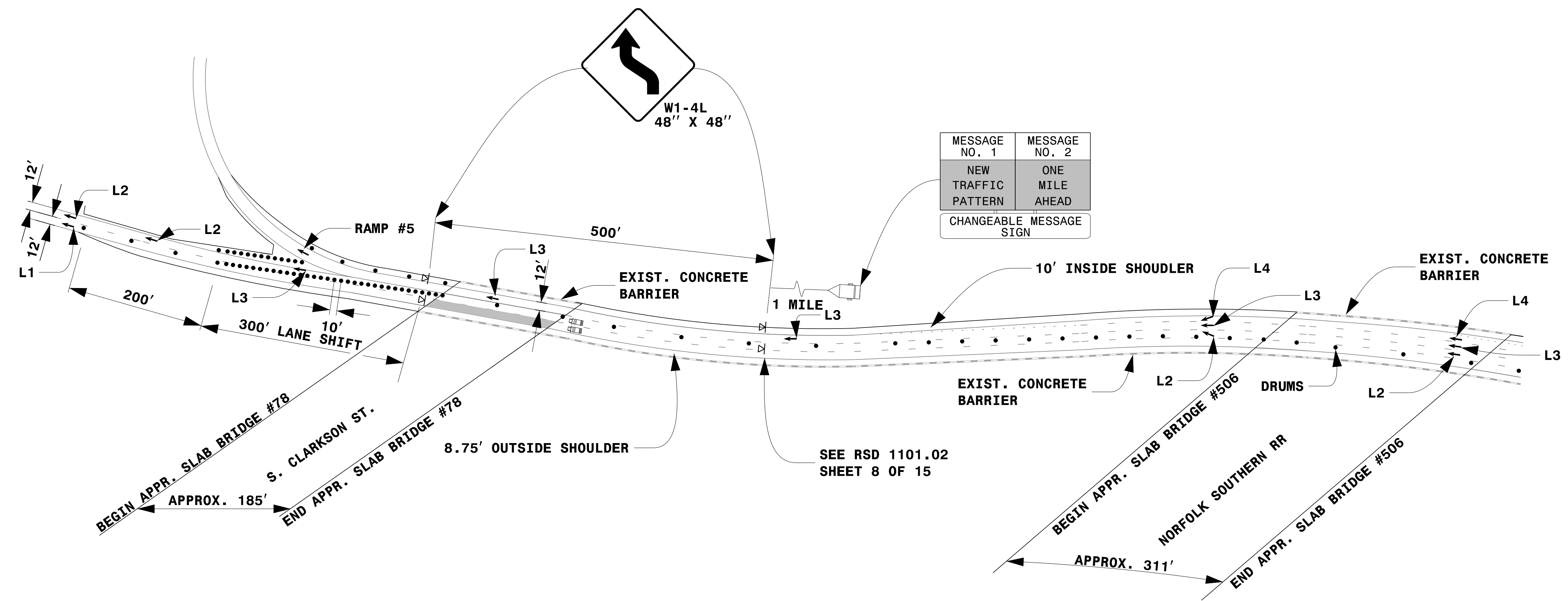
STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 WORK ZONE TRAFFIC CONTROL



LANE CLOSURE DETAIL  
 BRIDGE #78:  
 SOUTHBOUND  
 (STEP 1 OF 2)



TYPICAL SECTION  
BRIDGE #78



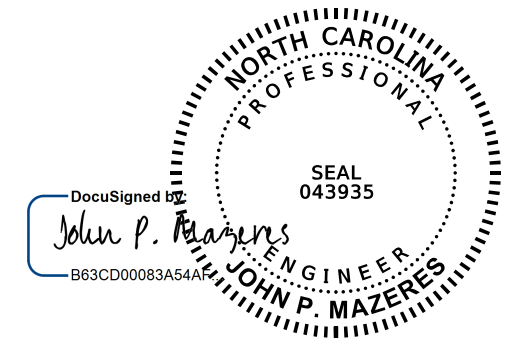
MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

NOTES

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-4 (VICINITY MAP- CONCRETE REHAB- SEGMENT A) FOR SEGMENT LOCATION.

# STEP 2

LEGEND	
DIRECTION OF TRAFFIC FLOW	CMS
TRAFFIC DRUM	TRUCK MOUNTED ATTENUATOR (TMA)
PORTABLE SIGN	WORK AREA

DocuSigned by:  
  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 STATE OF NORTH CAROLINA

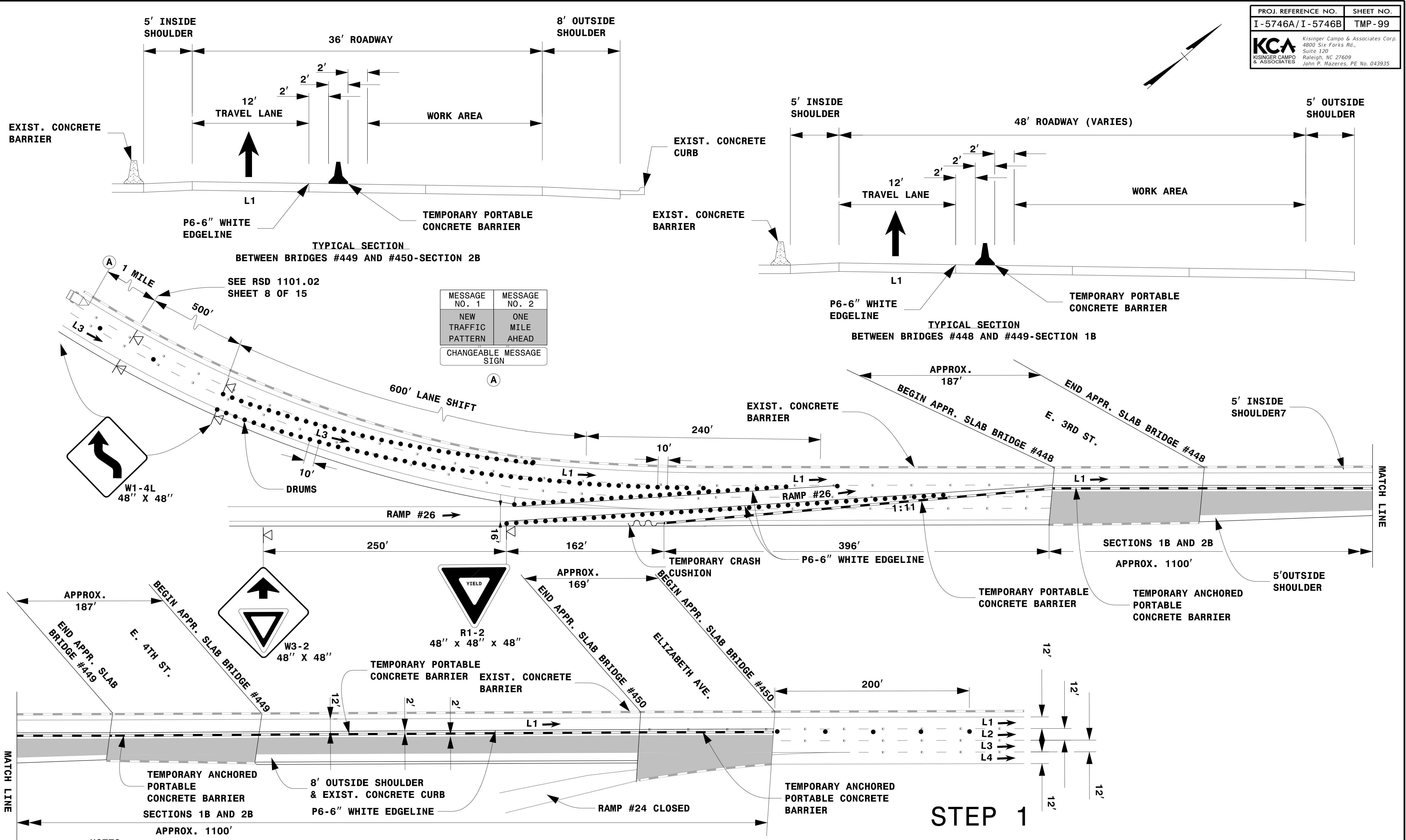
DEPARTMENT OF TRANSPORTATION  
 DIVISION OF HIGHWAYS  
 WORK ZONE TRAFFIC CONTROL

LANE CLOSURE DETAIL  
 BRIDGE #78:  
 SOUTHBOUND  
 (STEP 2 OF 2)

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 User: jmazeres






MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

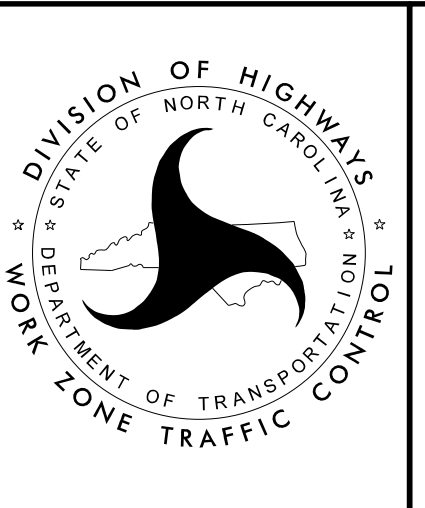
- NOTES**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15 AND TMP-31 (OFFSITE DETOUR 24).
  2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
  3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
  4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.

**LEGEND**

	DIRECTION OF TRAFFIC FLOW		CHANGEABLE MESSAGE SIGN
	TRAFFIC DRUM		TEMPORARY CRASH CUSHION
	PORTABLE SIGN		TEMPORARY PORTABLE CONCRETE BARRIER
			WORK AREA

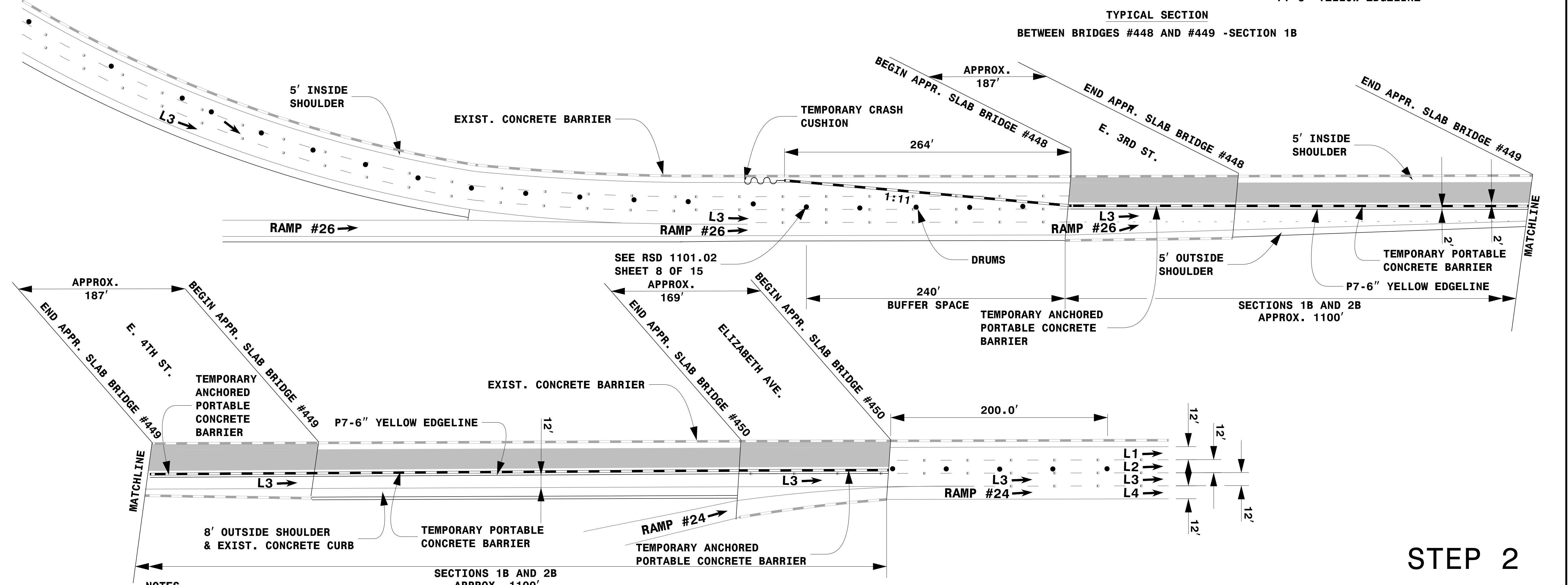
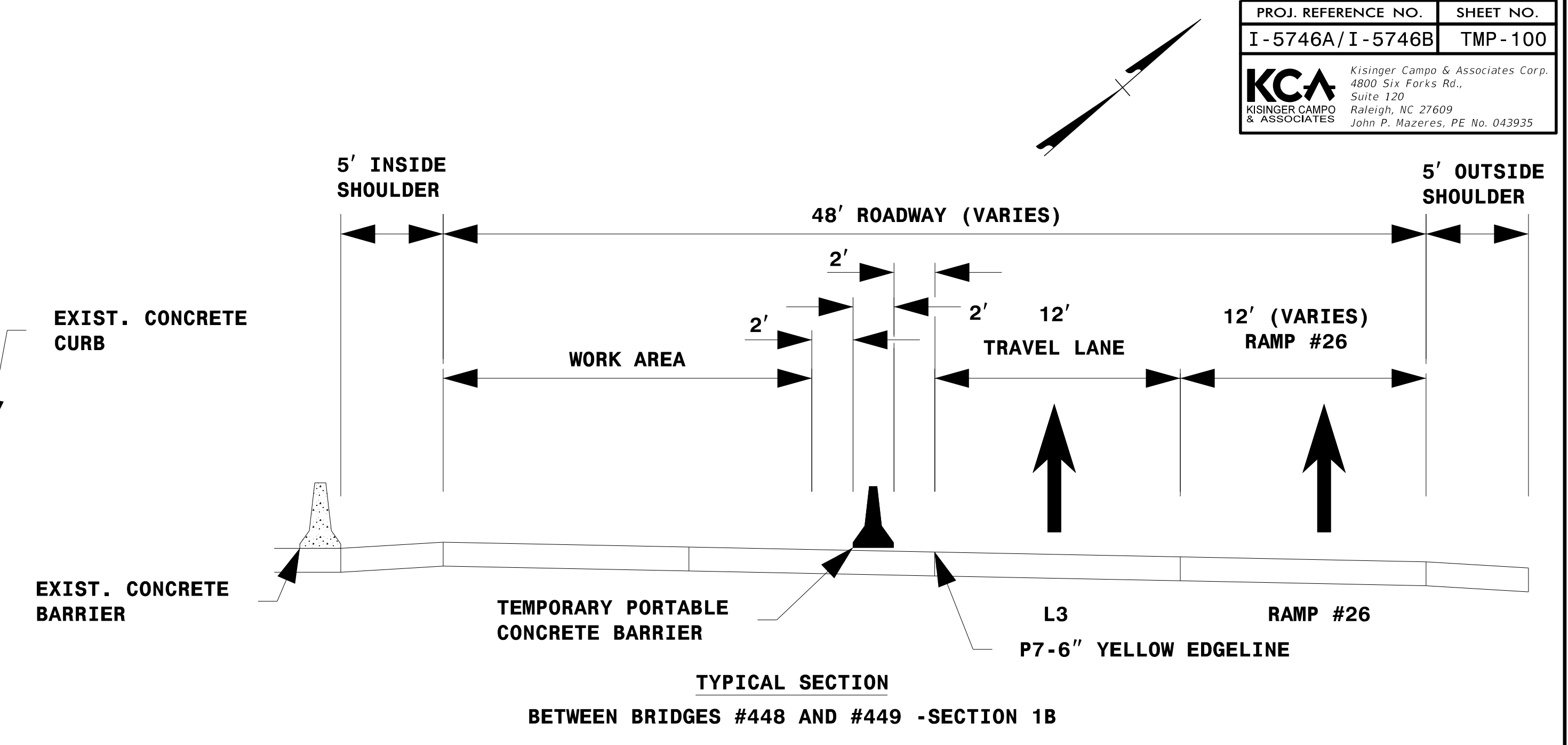
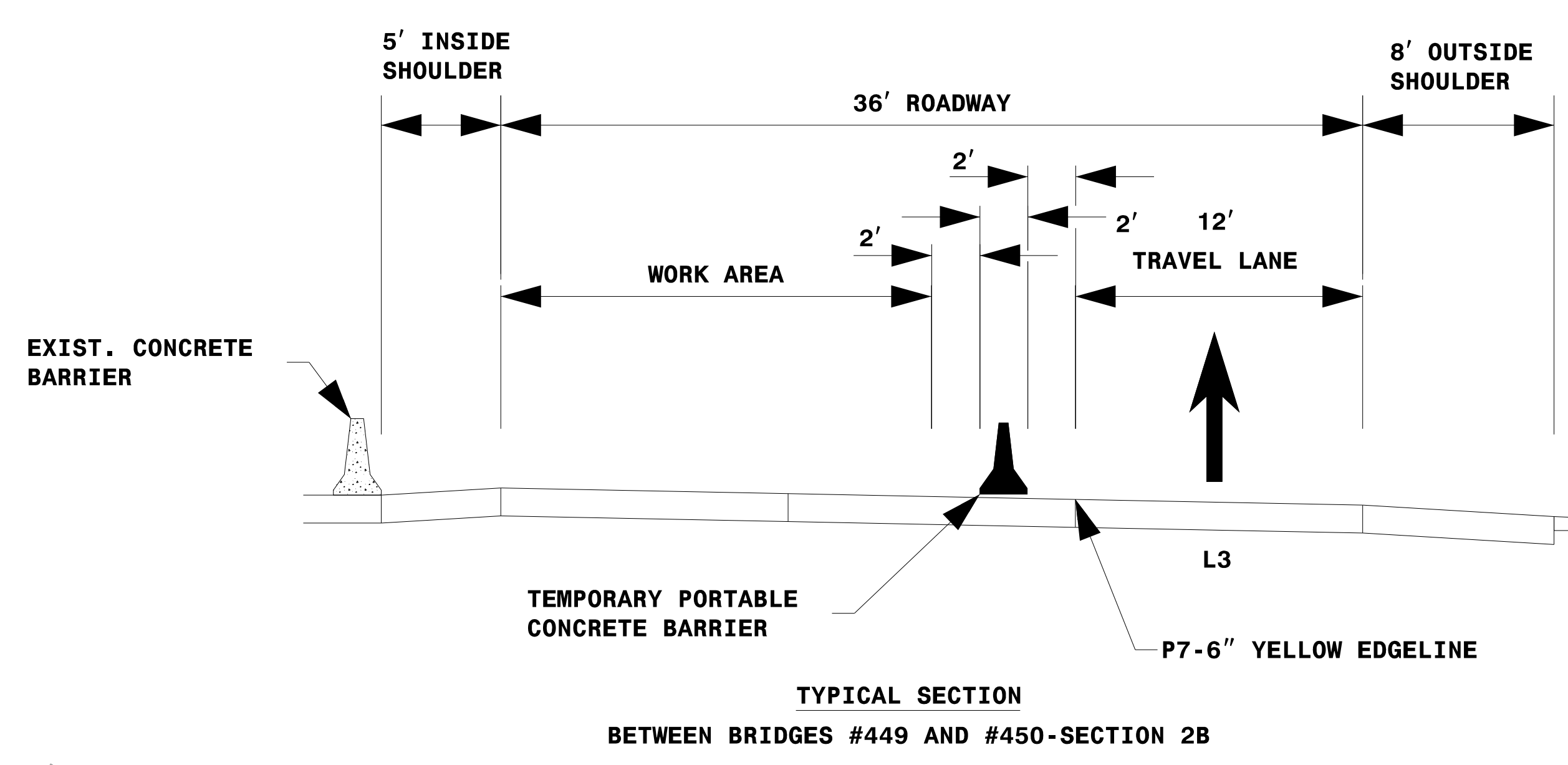
DocuSigned by:  
  
 JOHN P. MAZERES, P.E.  
 043935

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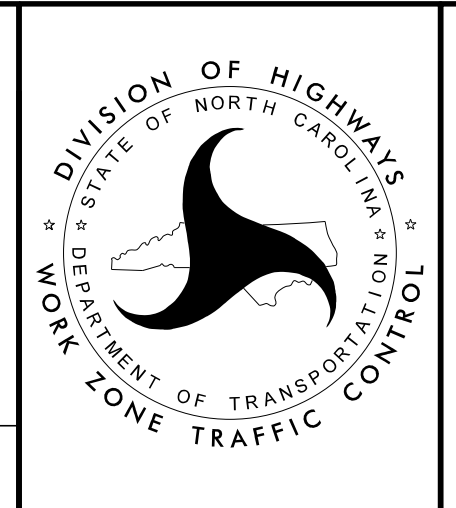
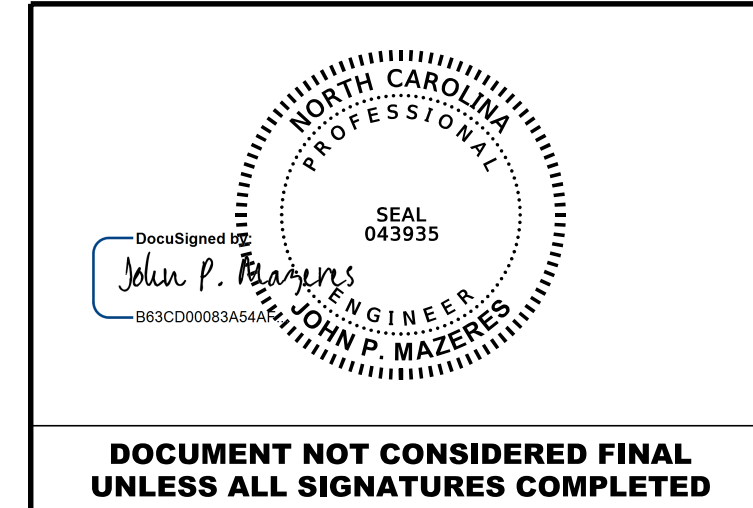
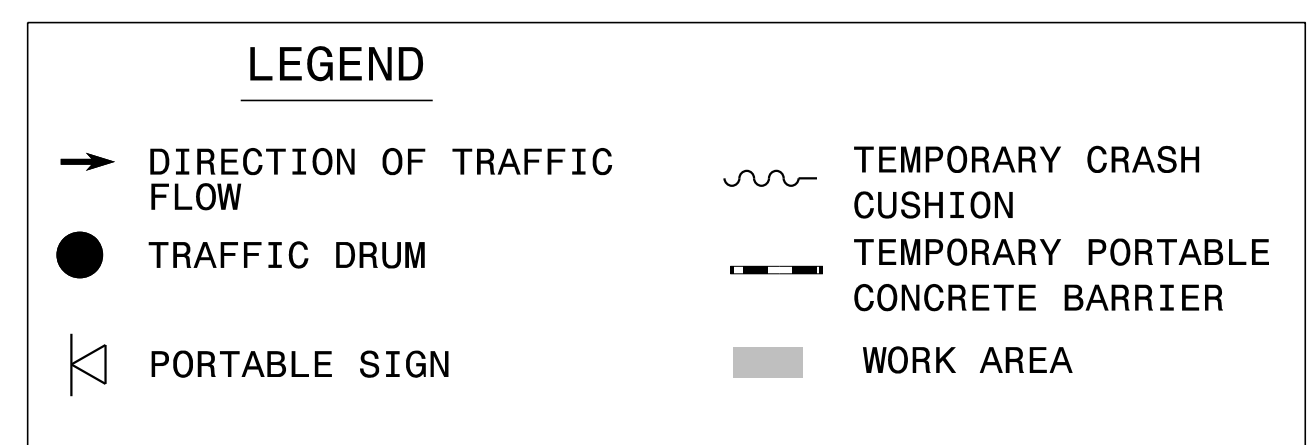


**LANE CLOSURE DETAIL**  
 3 LANE SECTIONS  
 1B AND 2B:  
 NORTHBOUND  
 (STEP 1 OF 2)

4/24/2017  
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 User: jmazeres



- NOTES**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
  2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
  3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
  4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.



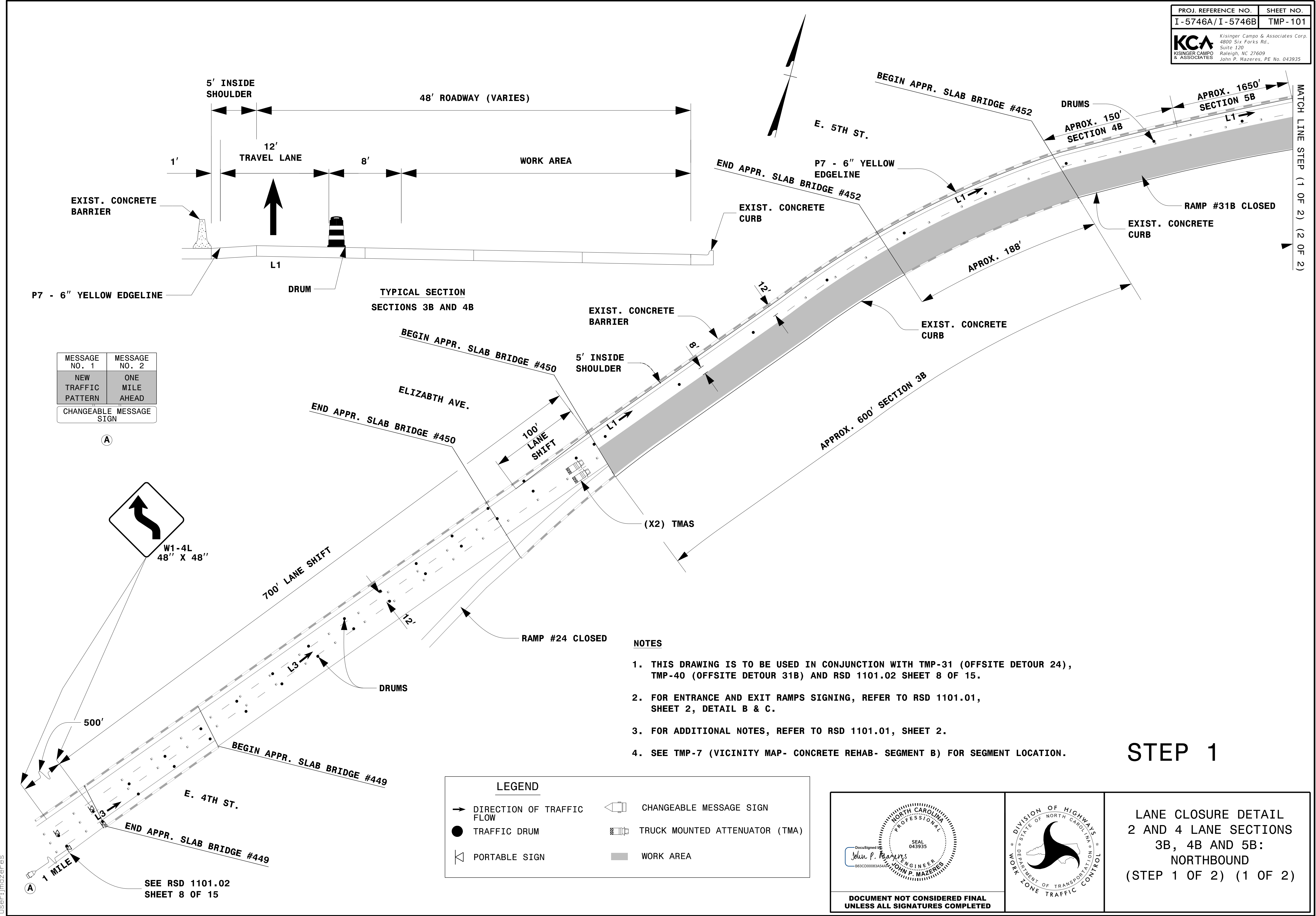
**LANE CLOSURE DETAIL  
3 LANE SECTIONS  
1B AND 2B:  
NORTHBOUND  
(STEP 2 OF 2)**

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

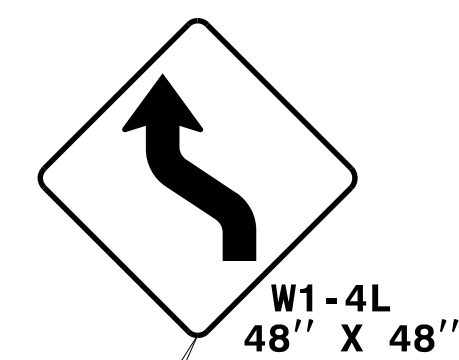
**STEP 2**

4/24/2017  
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 User: jmazeres





MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

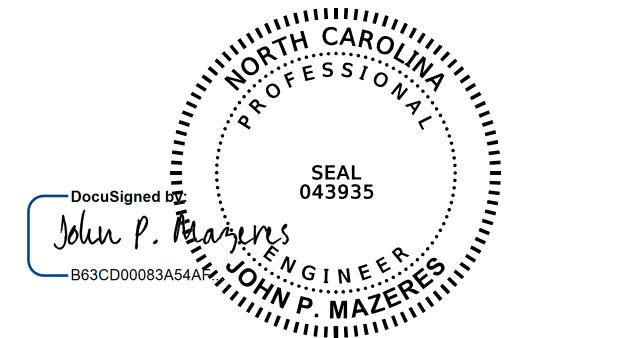


**NOTES**

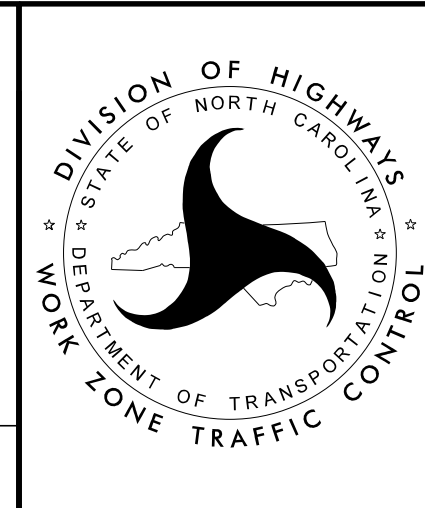
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-31 (OFFSITE DETOUR 24), TMP-40 (OFFSITE DETOUR 31B) AND RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMPS SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.

**LEGEND**

→ DIRECTION OF TRAFFIC FLOW	◀ CHANGEABLE MESSAGE SIGN
● TRAFFIC DRUM	☐ TRUCK MOUNTED ATTENUATOR (TMA)
◁ PORTABLE SIGN	■ WORK AREA

DocuSigned by:  
  
 JOHN P. MAZERES, P.E.  
 PROFESSIONAL ENGINEER  
 NO. 043935

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

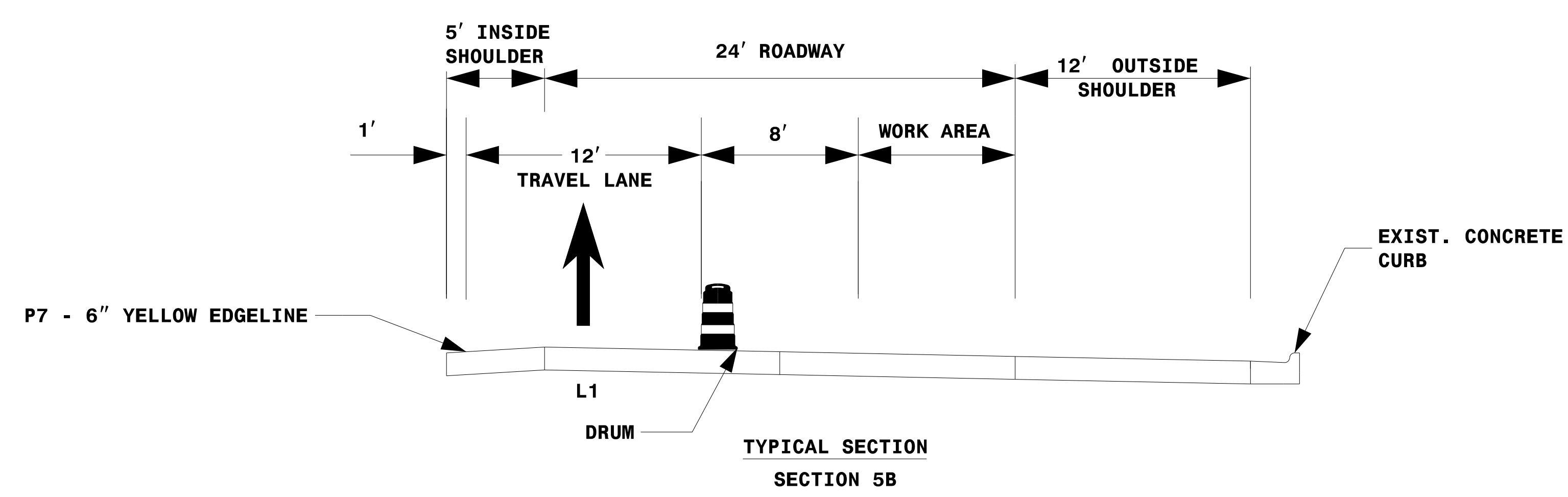


**STEP 1**

LANE CLOSURE DETAIL  
 2 AND 4 LANE SECTIONS  
 3B, 4B AND 5B:  
 NORTHBOUND  
 (STEP 1 OF 2) (1 OF 2)

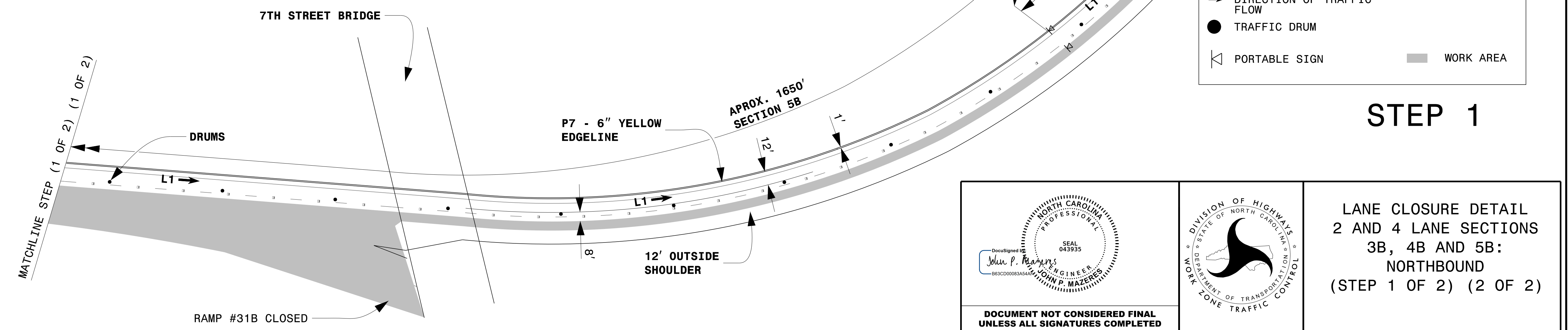
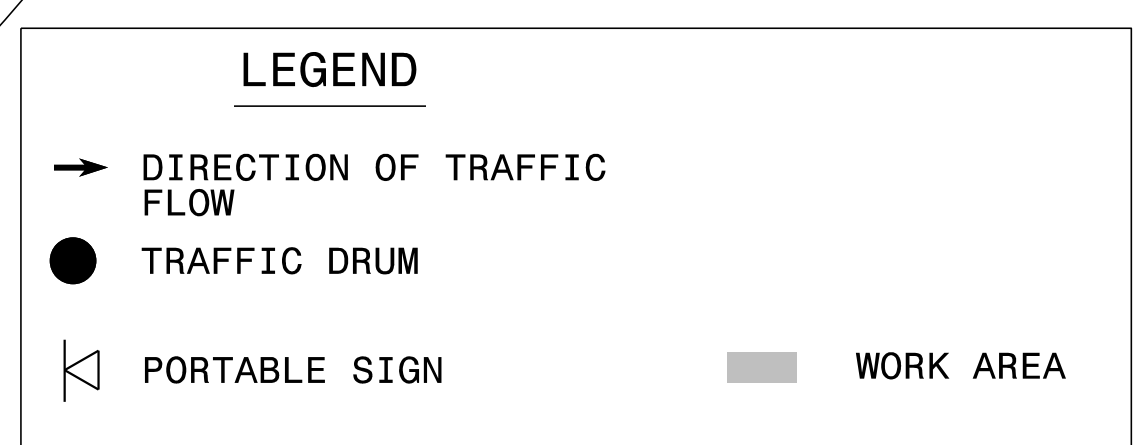
MATCH LINE STEP (1 OF 2) (2 OF 2)

4/24/2017  
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 User: jmazeres

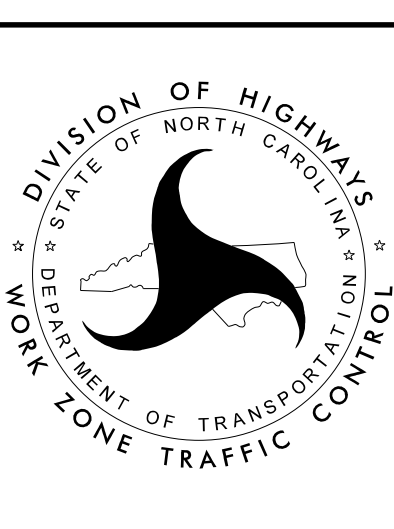


**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-31 (OFFSITE DETOUR 24), TMP-40 (OFFSITE DETOUR 31B) AND RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.



DocuSigned by:  
 John P. Mazeres  
 SEAL 043935  
 PROFESSIONAL ENGINEER  
 JOHN P. MAZERES

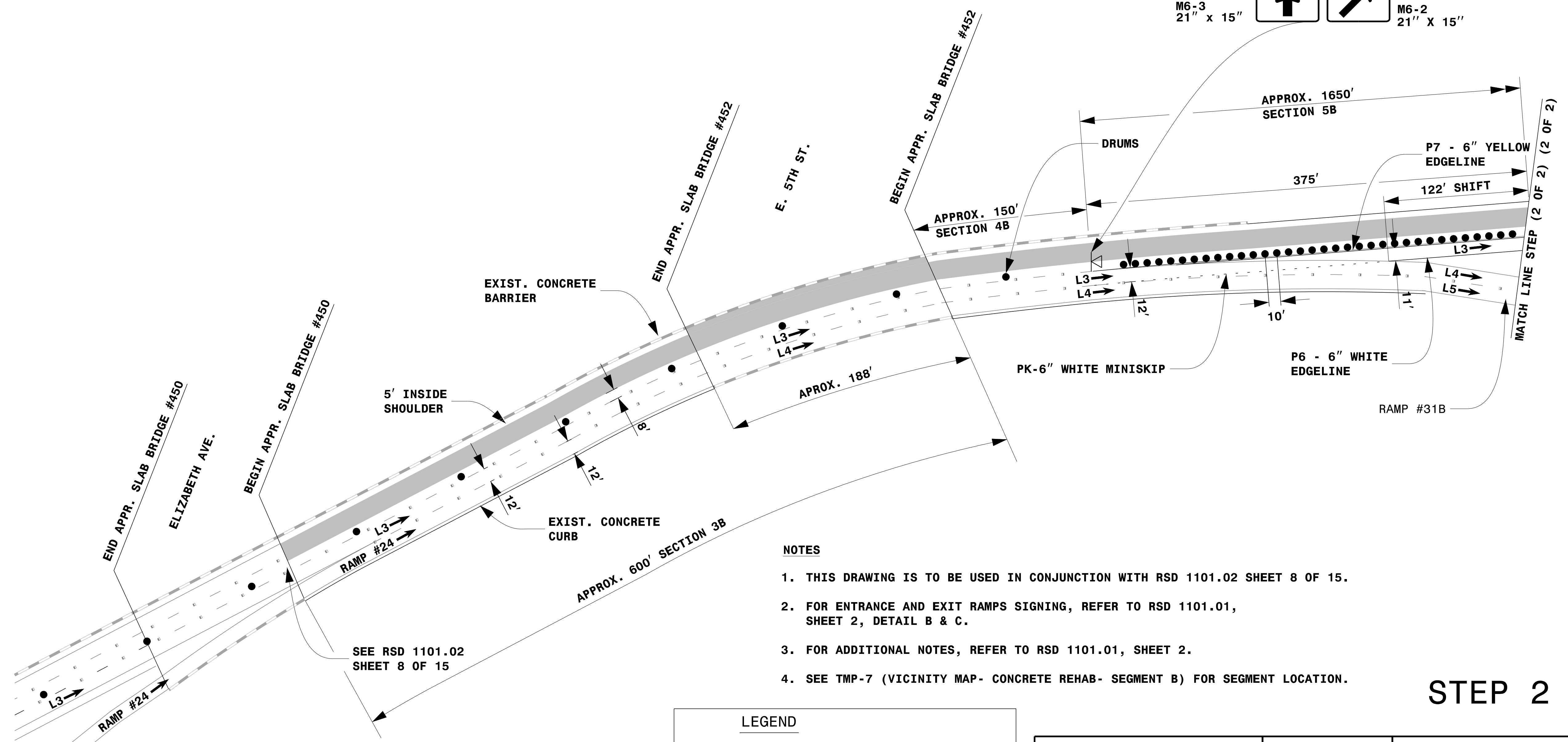
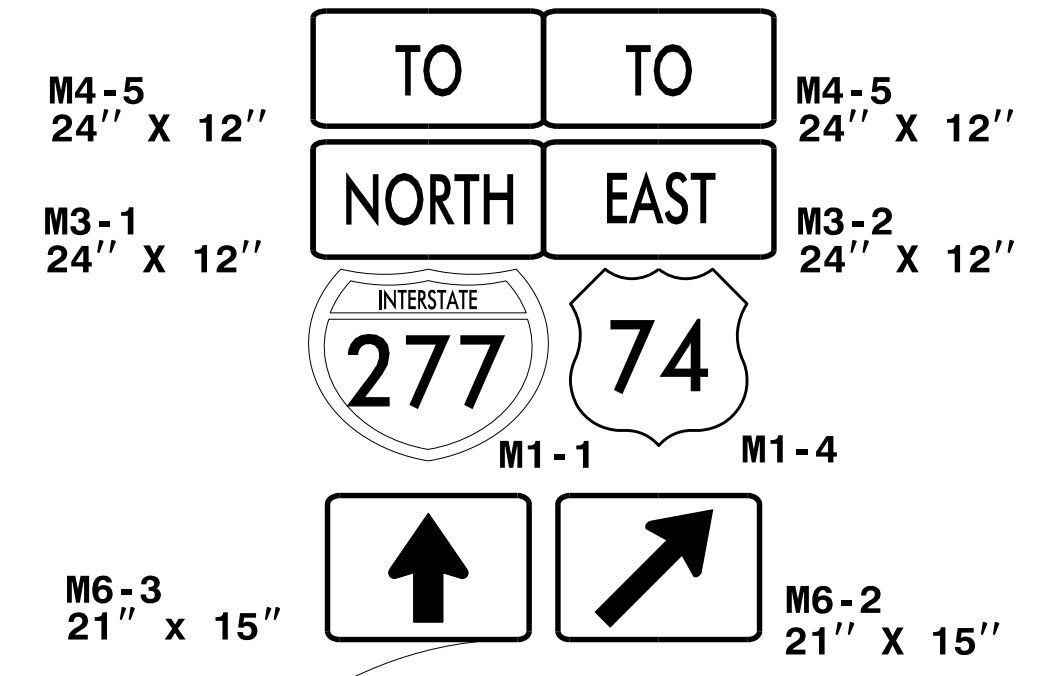
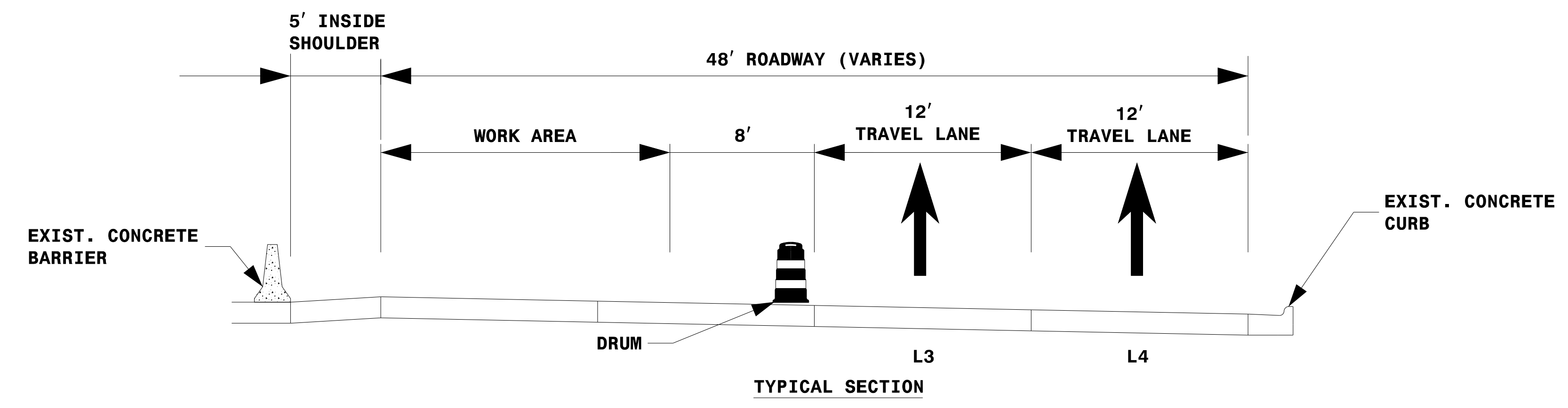


**LANE CLOSURE DETAIL  
 2 AND 4 LANE SECTIONS  
 3B, 4B AND 5B:  
 NORTHBOUND  
 (STEP 1 OF 2) (2 OF 2)**

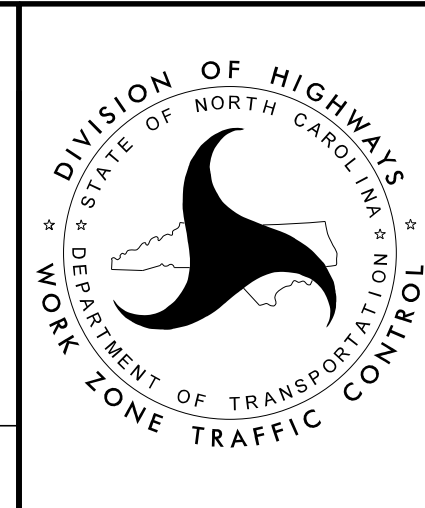
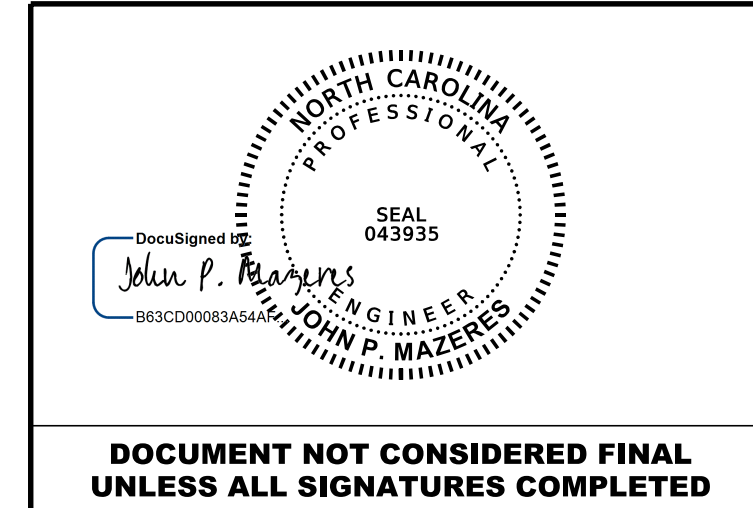
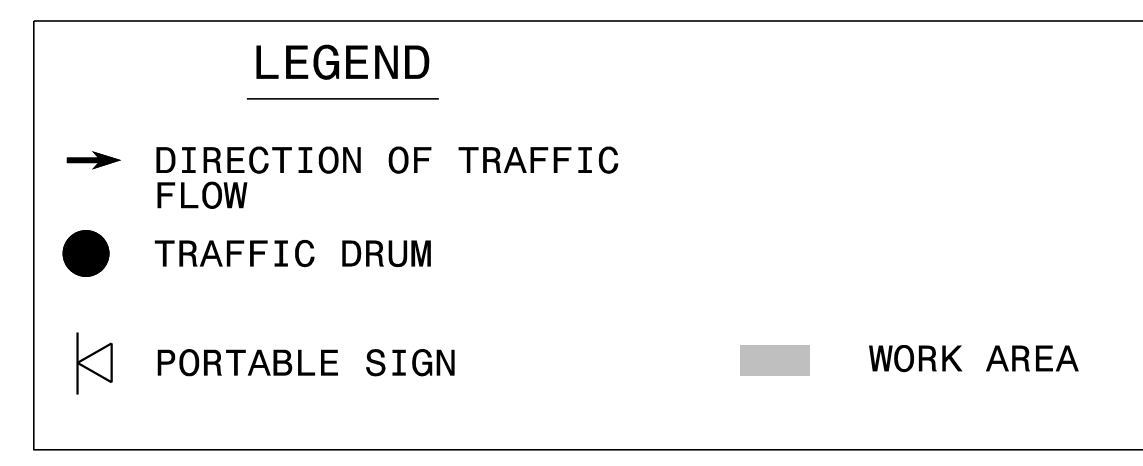
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

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User: jmazeres





- NOTES**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
  2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
  3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
  4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.



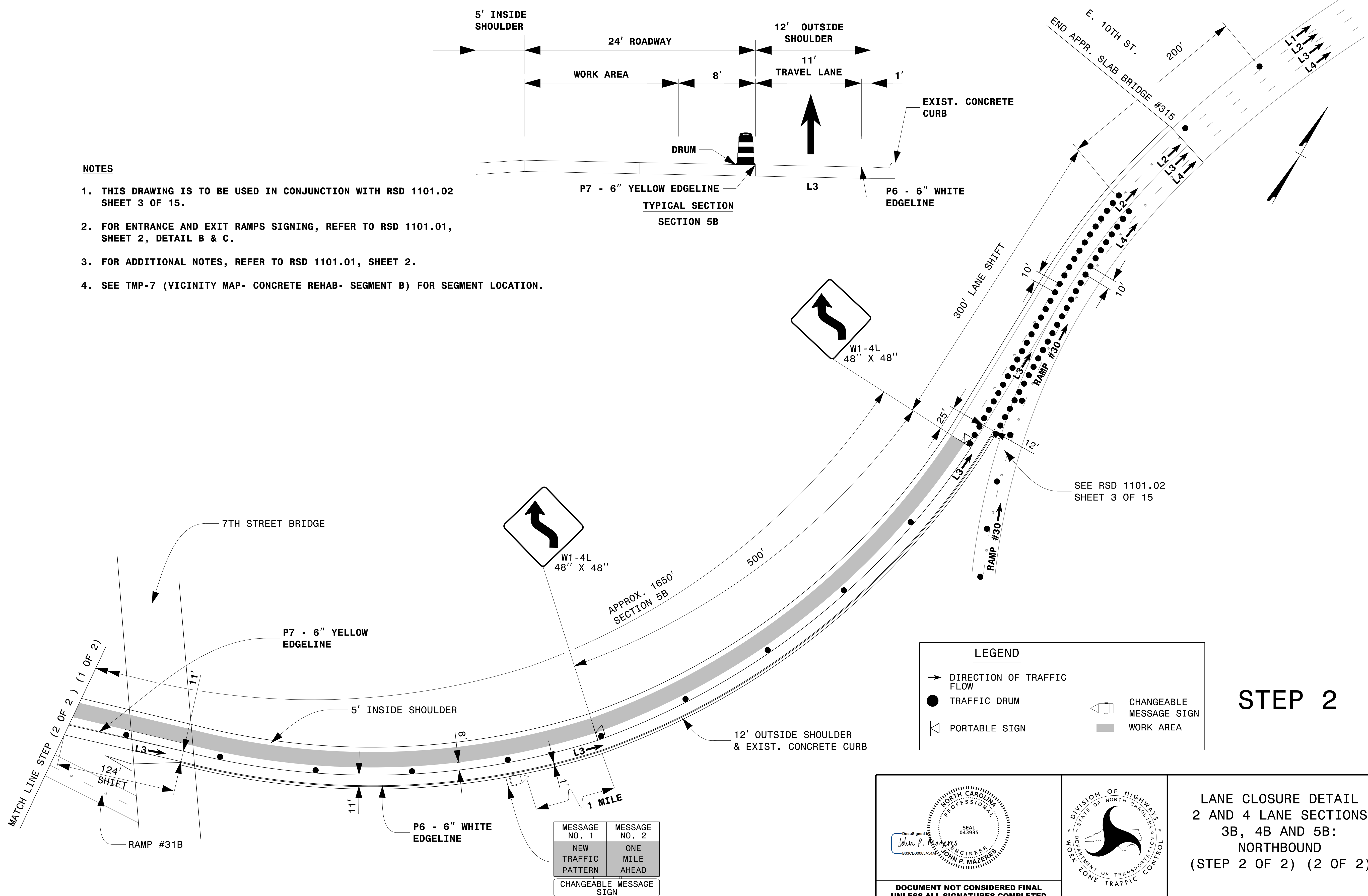
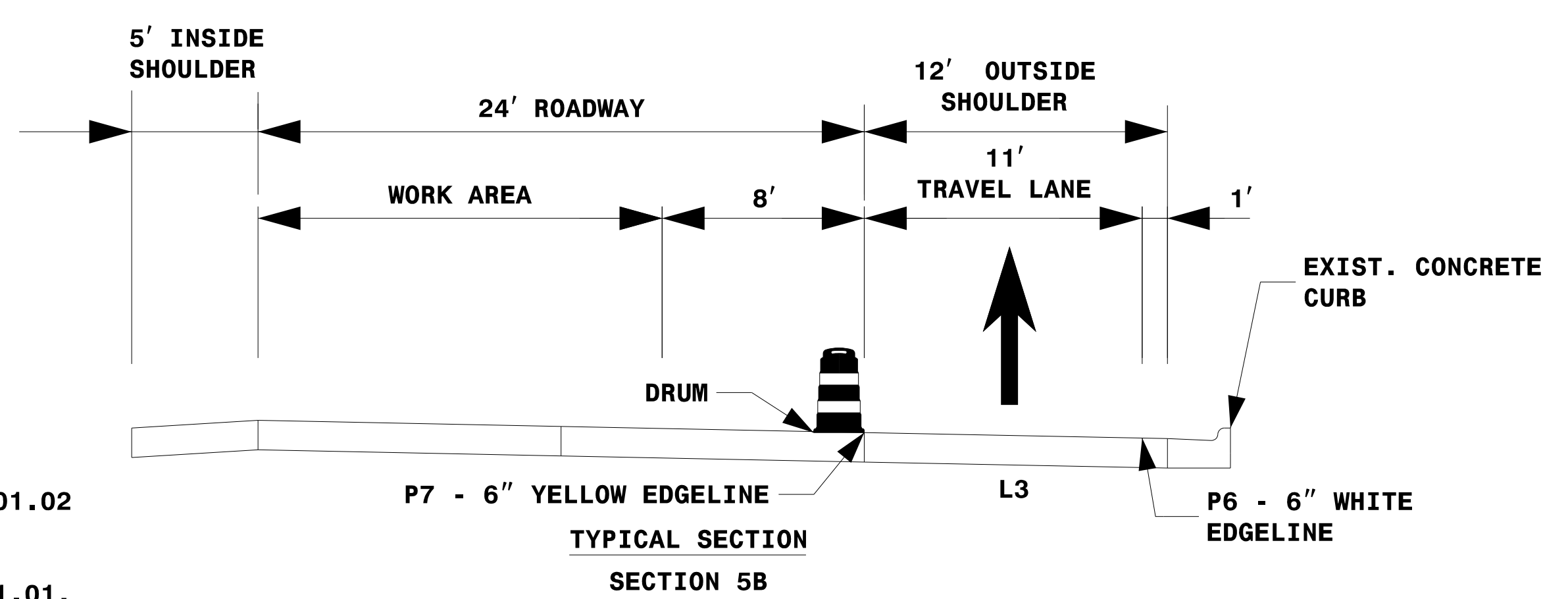
**STEP 2**

LANE CLOSURE DETAIL  
2 AND 4 LANE SECTIONS  
3B, 4B AND 5B:  
NORTHBOUND  
(STEP 2 OF 2) (1 OF 2)

4/24/2017  
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User: jmazeres

**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.

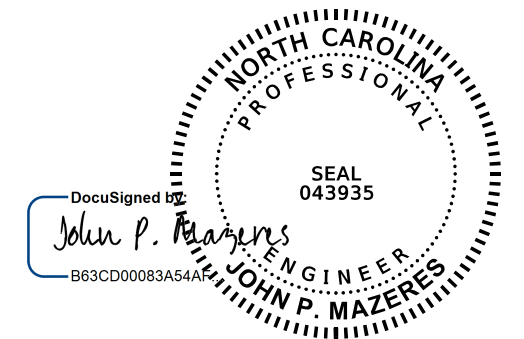


**LEGEND**

- DIRECTION OF TRAFFIC FLOW
- TRAFFIC DRUM
- ▽ PORTABLE SIGN
- ◀ CHANGEABLE MESSAGE SIGN
- WORK AREA


**STEP 2**

MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN AHEAD	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

DocuSigned by:  
  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 NO. 043935

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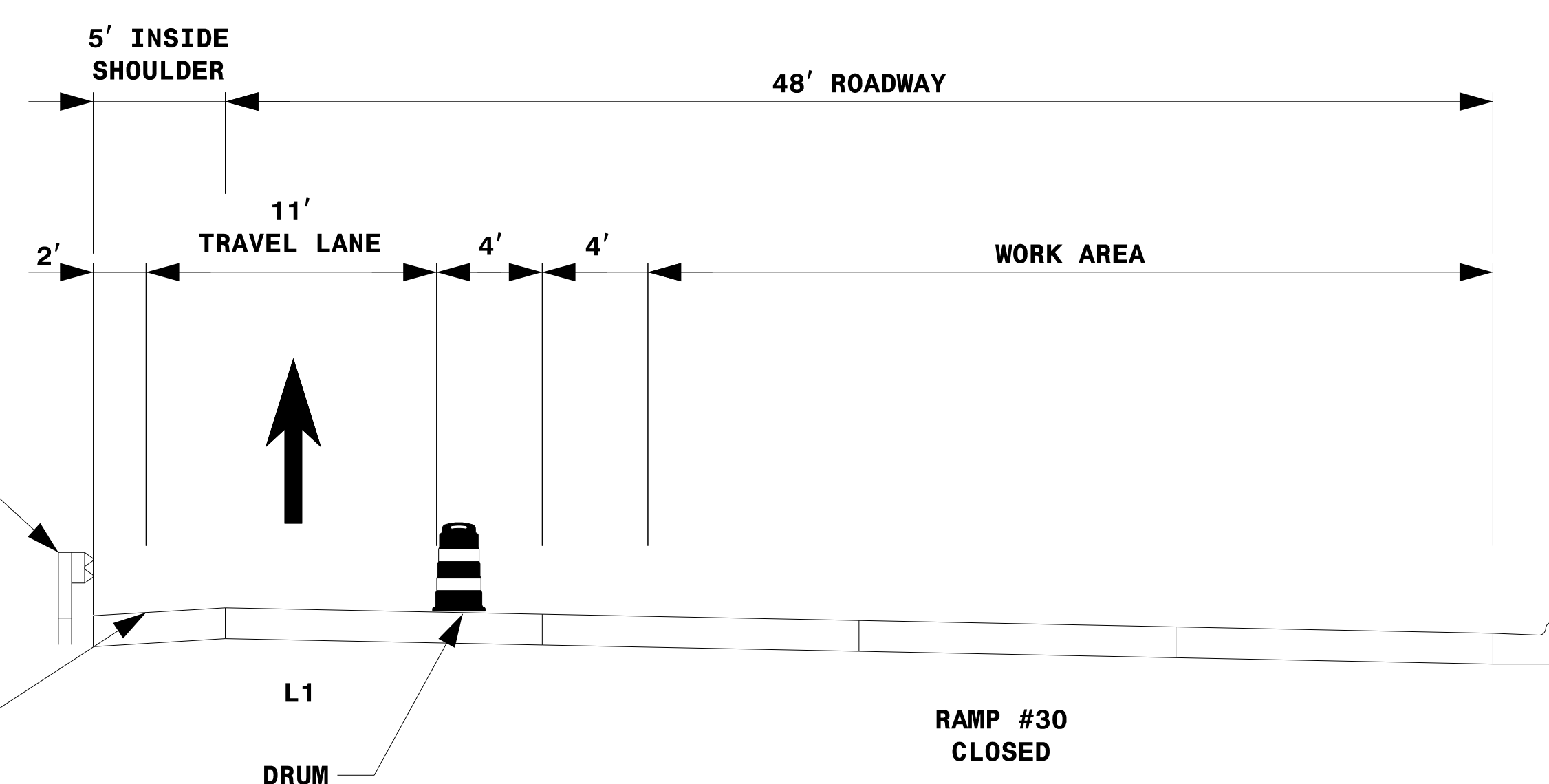
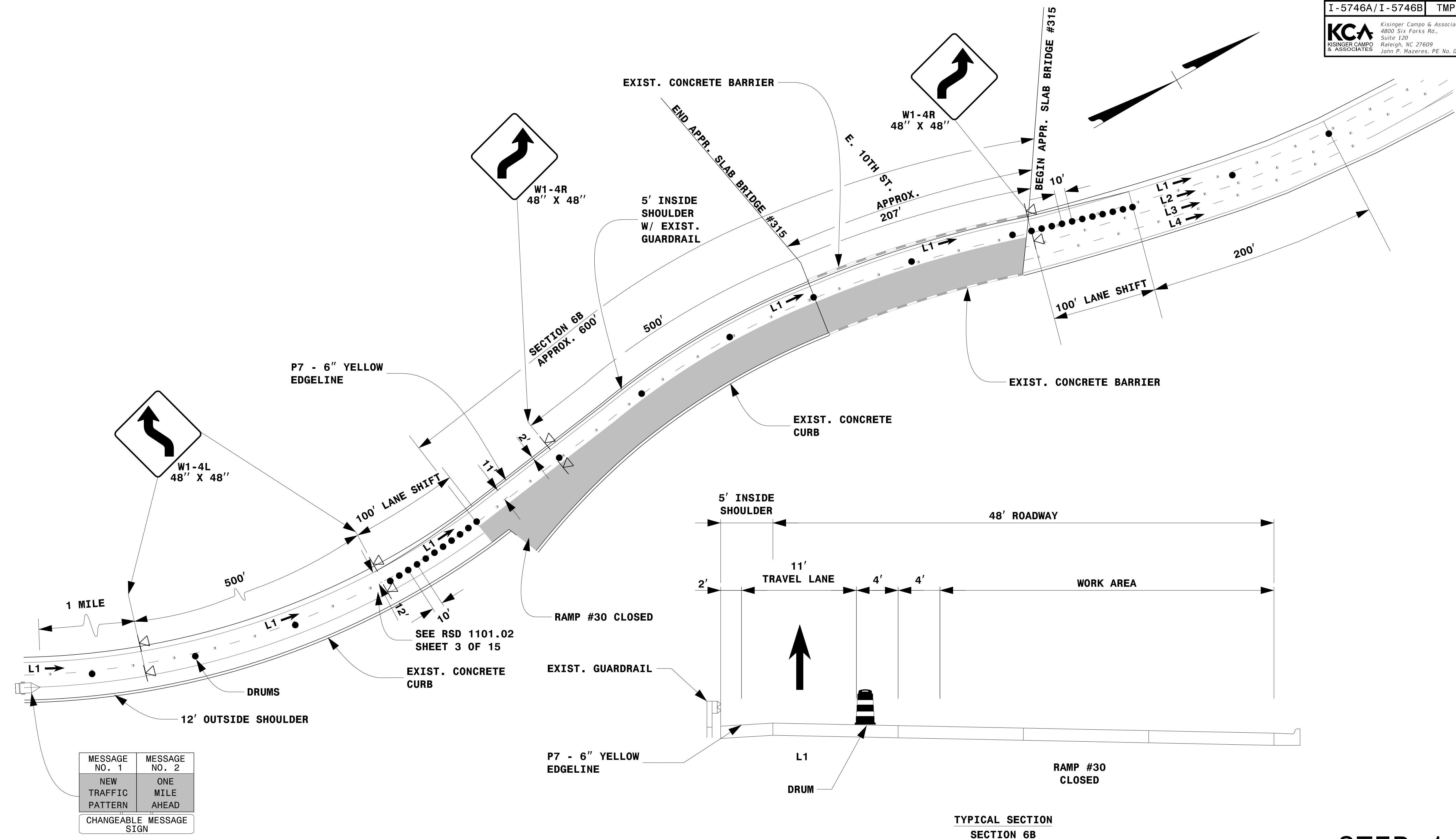
DIVISION OF HIGHWAYS  
 STATE OF NORTH CAROLINA  
 DEPARTMENT OF TRANSPORTATION  
 WORK ZONE TRAFFIC CONTROL






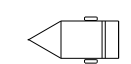

LANE CLOSURE DETAIL  
 2 AND 4 LANE SECTIONS  
 3B, 4B AND 5B:  
 NORTHBOUND  
 (STEP 2 OF 2) (2 OF 2)

4/24/2017  
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 User: jmazeres





MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

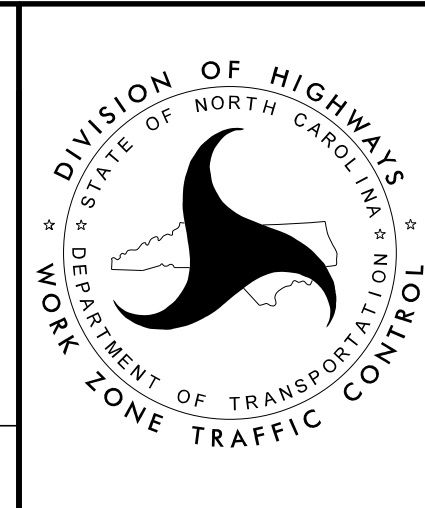
LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	CHANGEABLE MESSAGE SIGN
	WORK AREA

**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-38 (OFFSITE DETOUR 30) AND RSD 1101.02 SHEET 3 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.

Professional Engineer Seal for John P. Mazeres, No. 043935, State of North Carolina.

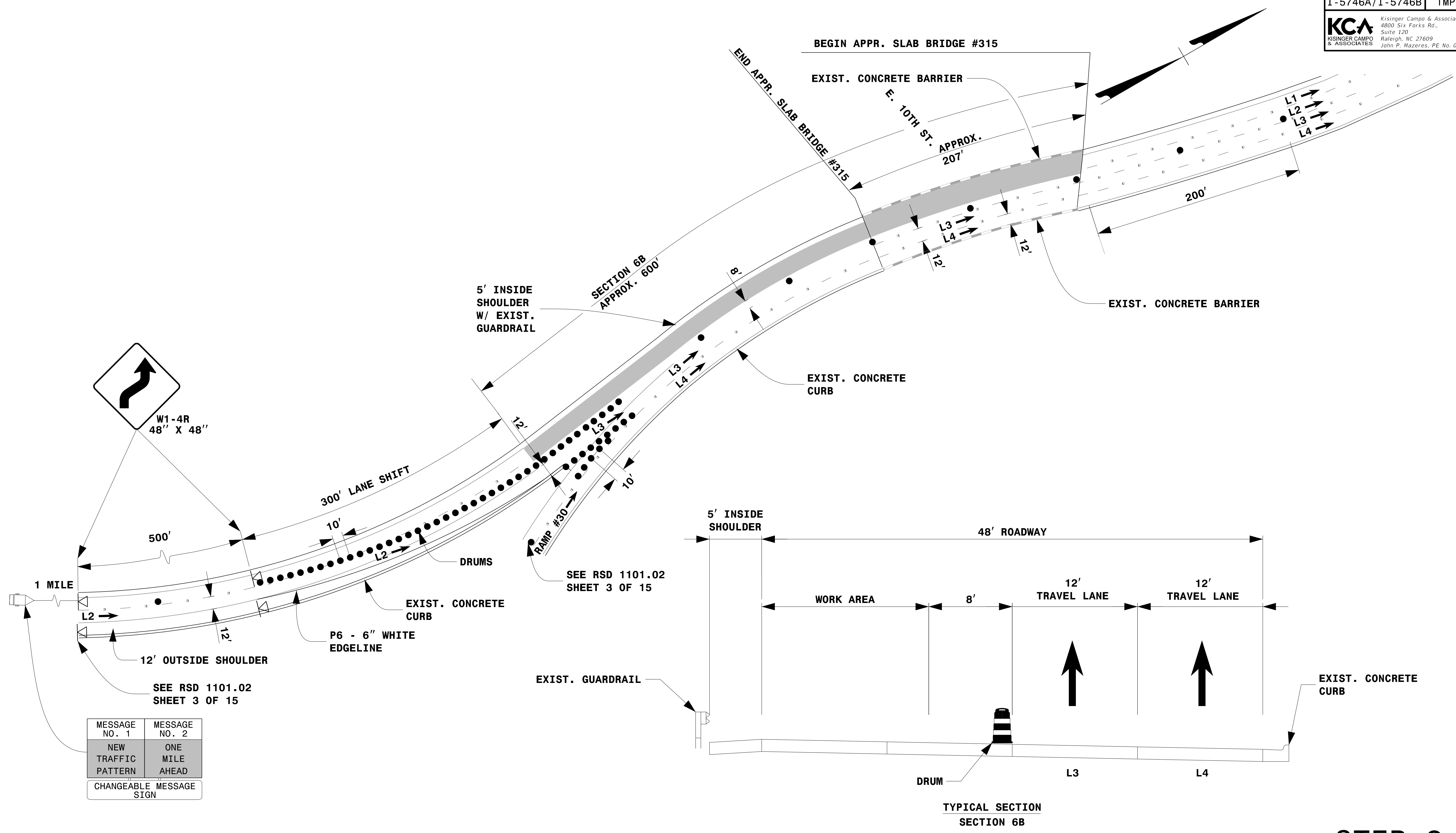
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**LANE CLOSURE DETAIL  
4 LANE SECTION  
6B: NORTHBOUND  
(STEP 1 OF 2)**

**STEP 1**

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 User: jmazeres



MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

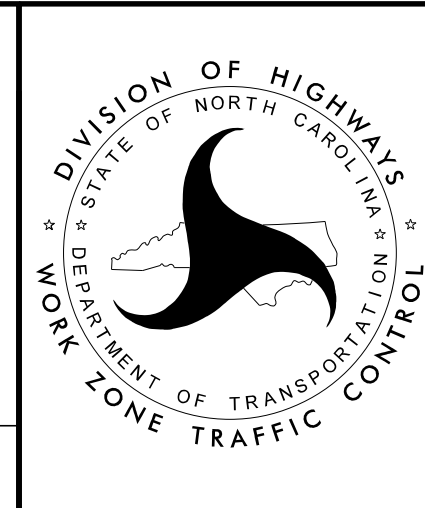
LEGEND	
→	DIRECTION OF TRAFFIC FLOW
●	TRAFFIC DRUM
⚠	PORTABLE SIGN
◀	CHANGEABLE MESSAGE SIGN
■	WORK AREA

**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 3 OF 15.
2. FOR ENTRANCE AND EXIT RAMP'S SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.

DocuSigned by:  
*John P. Mazeres*  
SEAL 043935  
PROFESSIONAL ENGINEER  
JOHN P. MAZERES

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



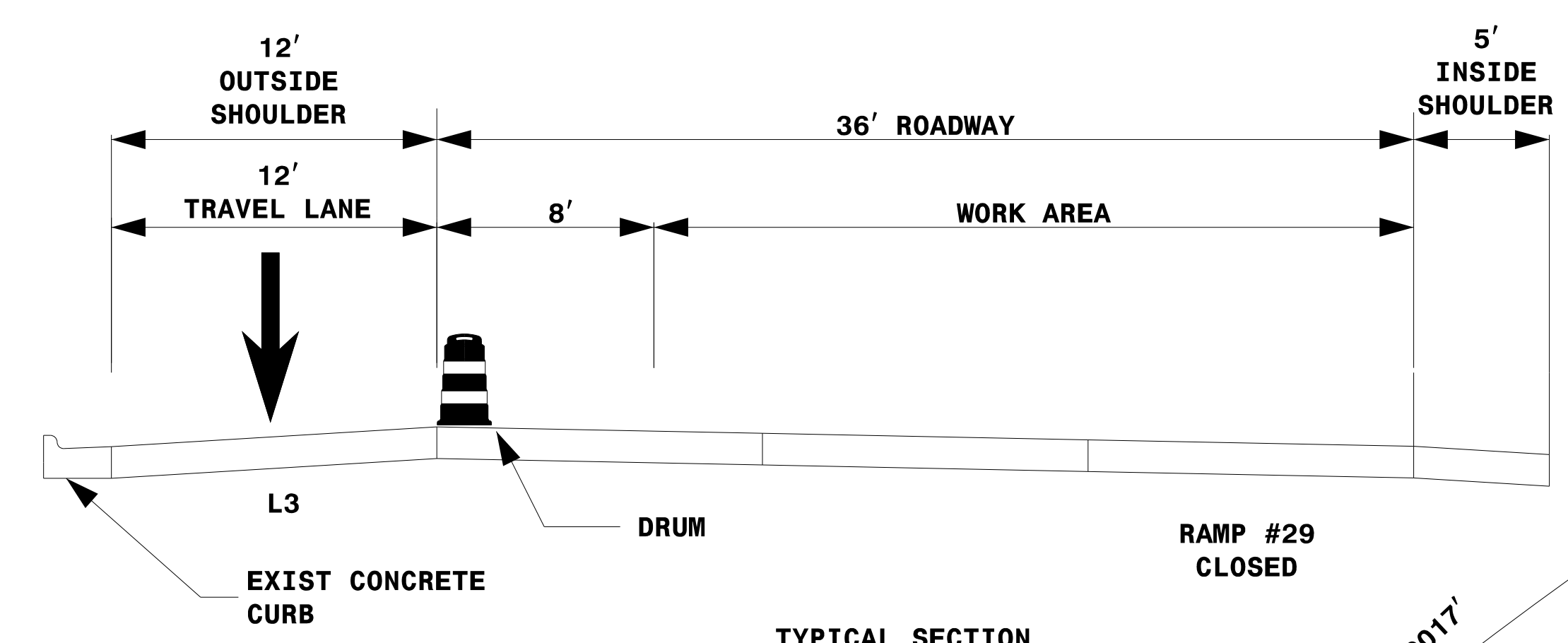
**LANE CLOSURE DETAIL  
4 LANE SECTION  
6B: NORTHBOUND  
(STEP 2 OF 2)**

**STEP 2**

4/24/2017  
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User: jmazeres

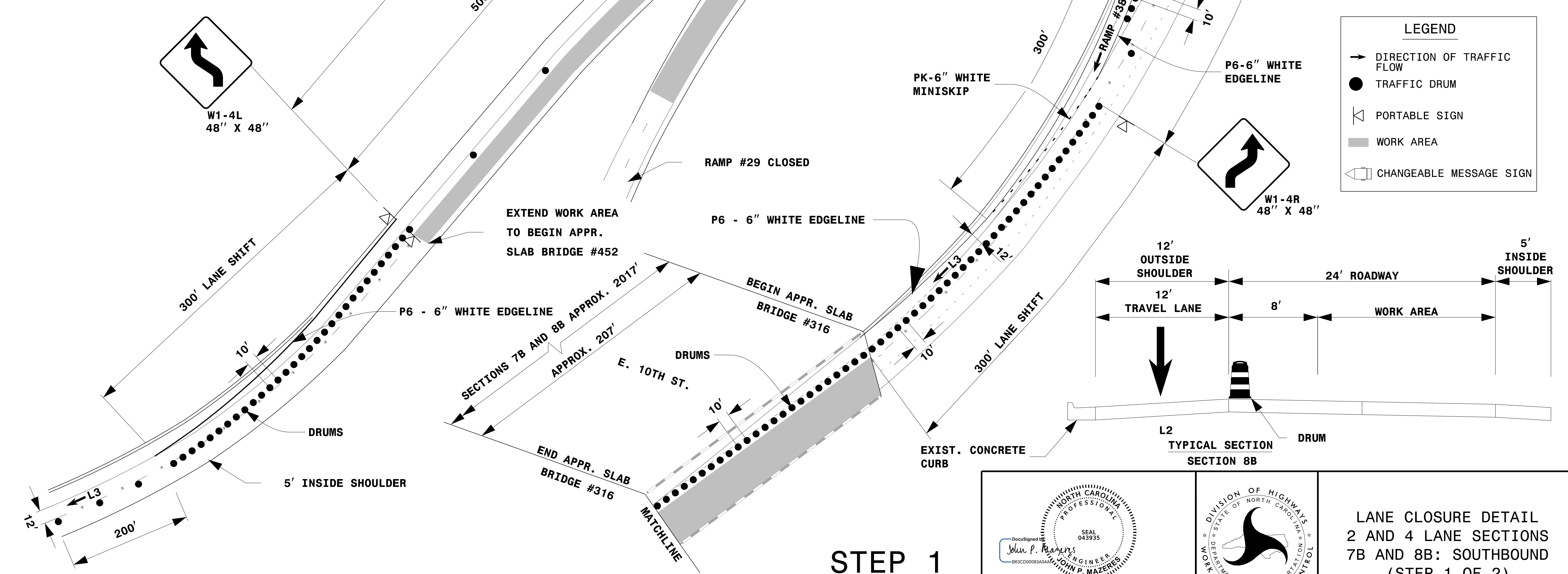


MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	



**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15 AND TMP-37 (OFFSITE DETOUR 29).
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.



**STEP 1**

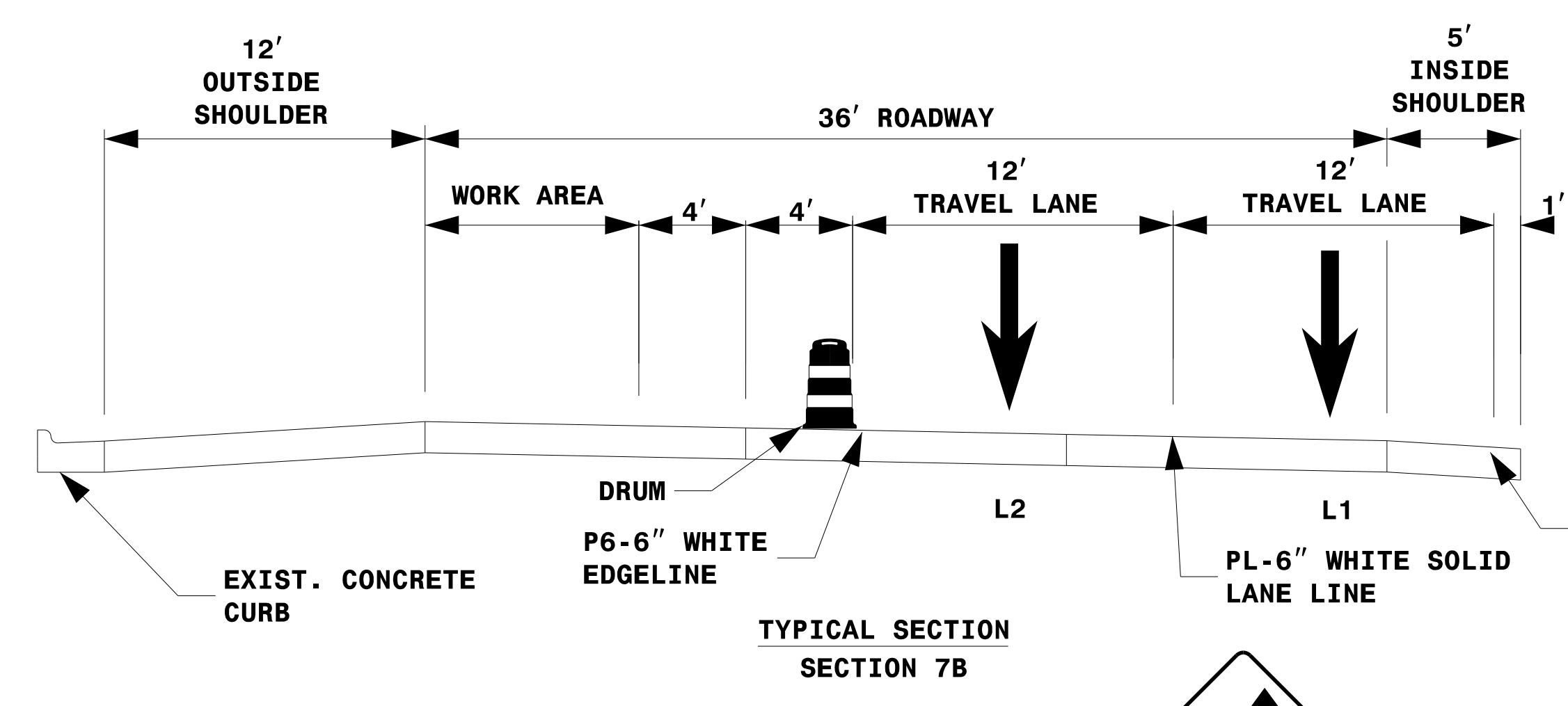
DocuSigned by  
**John P. Mazeres**  
SEAL 043935  
ENGINEER  
JOHN P. MAZERES

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

LANE CLOSURE DETAIL  
2 AND 4 LANE SECTIONS  
7B AND 8B: SOUTHBOUND  
(STEP 1 OF 2)

4/24/2017  
Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\TIP\200_I0_15746AB_TMP107_7B & 8B_SB (1 OF 2).dgn  
User:jmazer

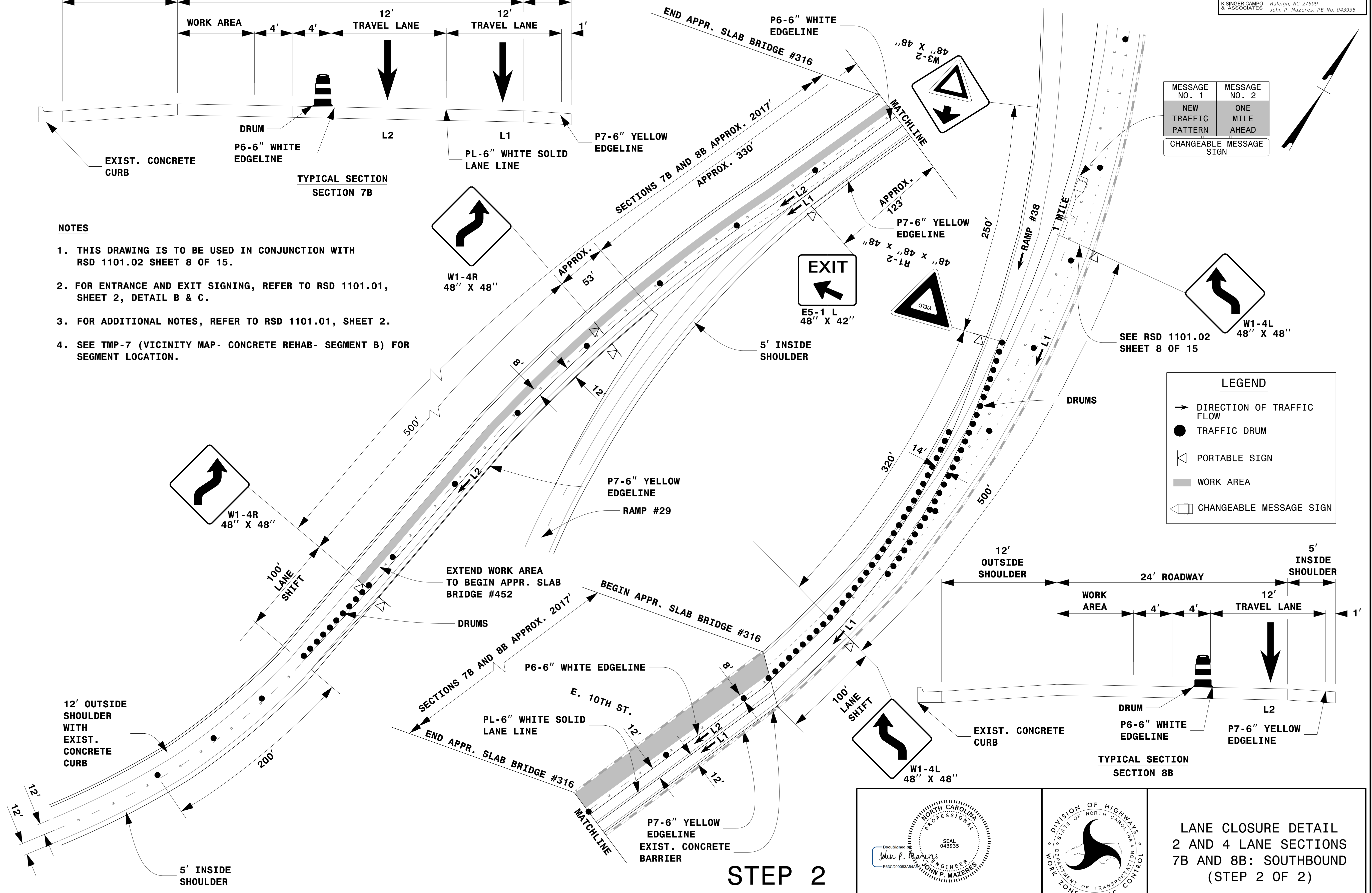
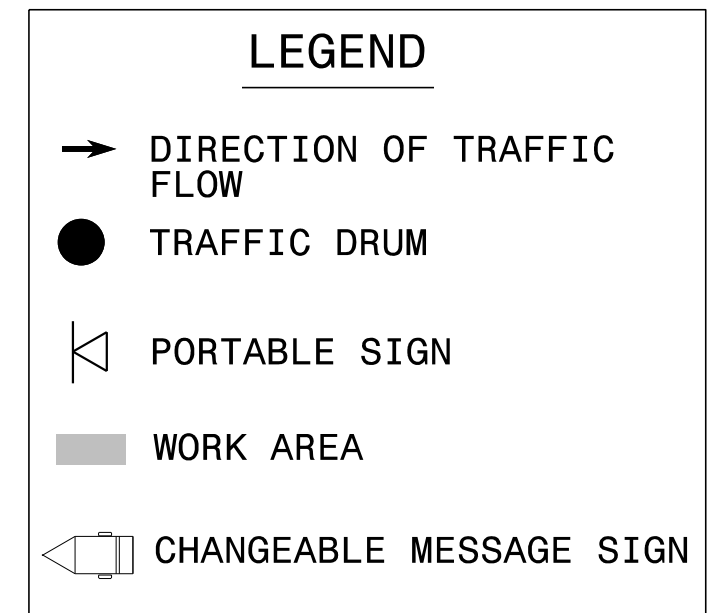




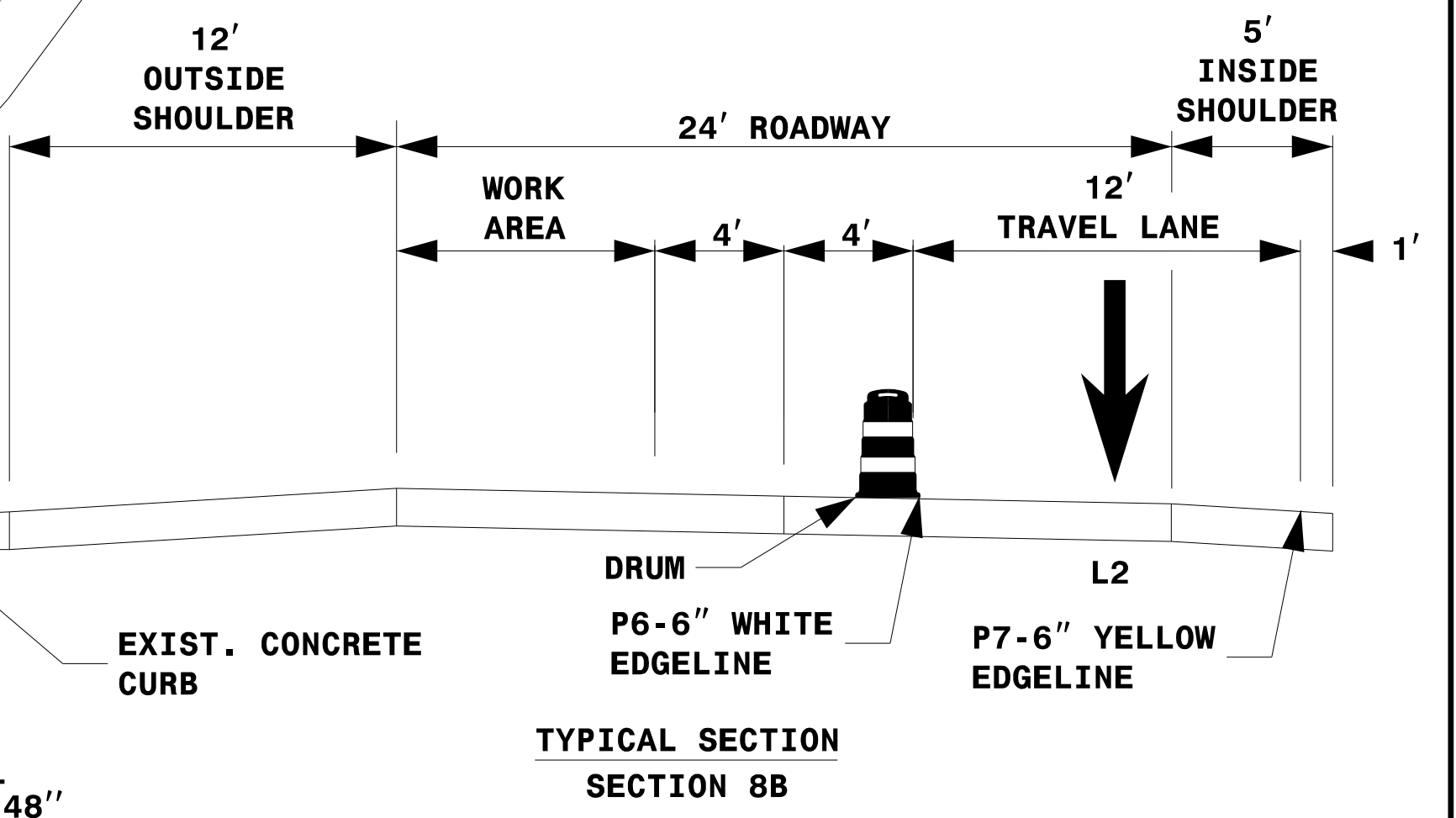
**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH RSD 1101.02 SHEET 8 OF 15.
2. FOR ENTRANCE AND EXIT SIGNING, REFER TO RSD 1101.01, SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.

MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

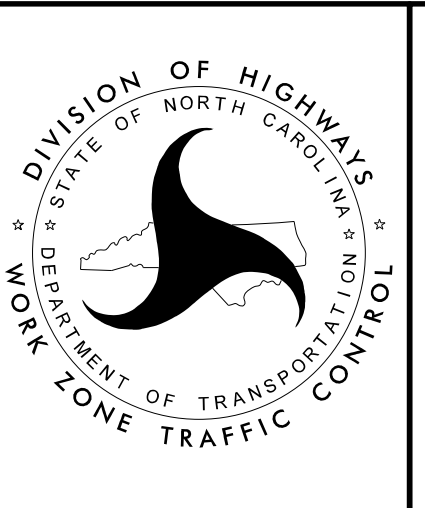


12' OUTSIDE SHOULDER WITH EXIST. CONCRETE CURB



**STEP 2**

DocuSigned by:  
John P. Mazeres  
043935



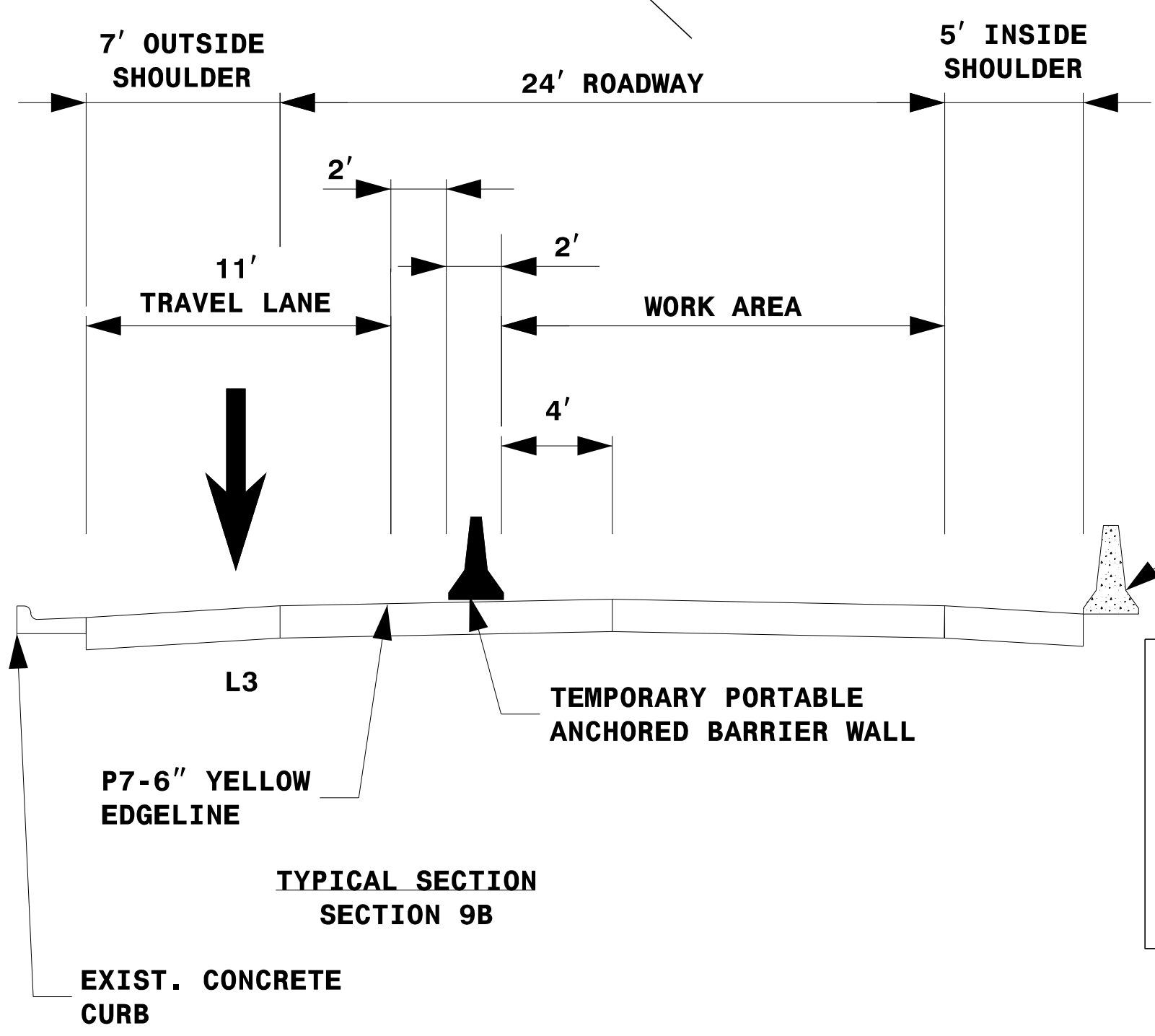
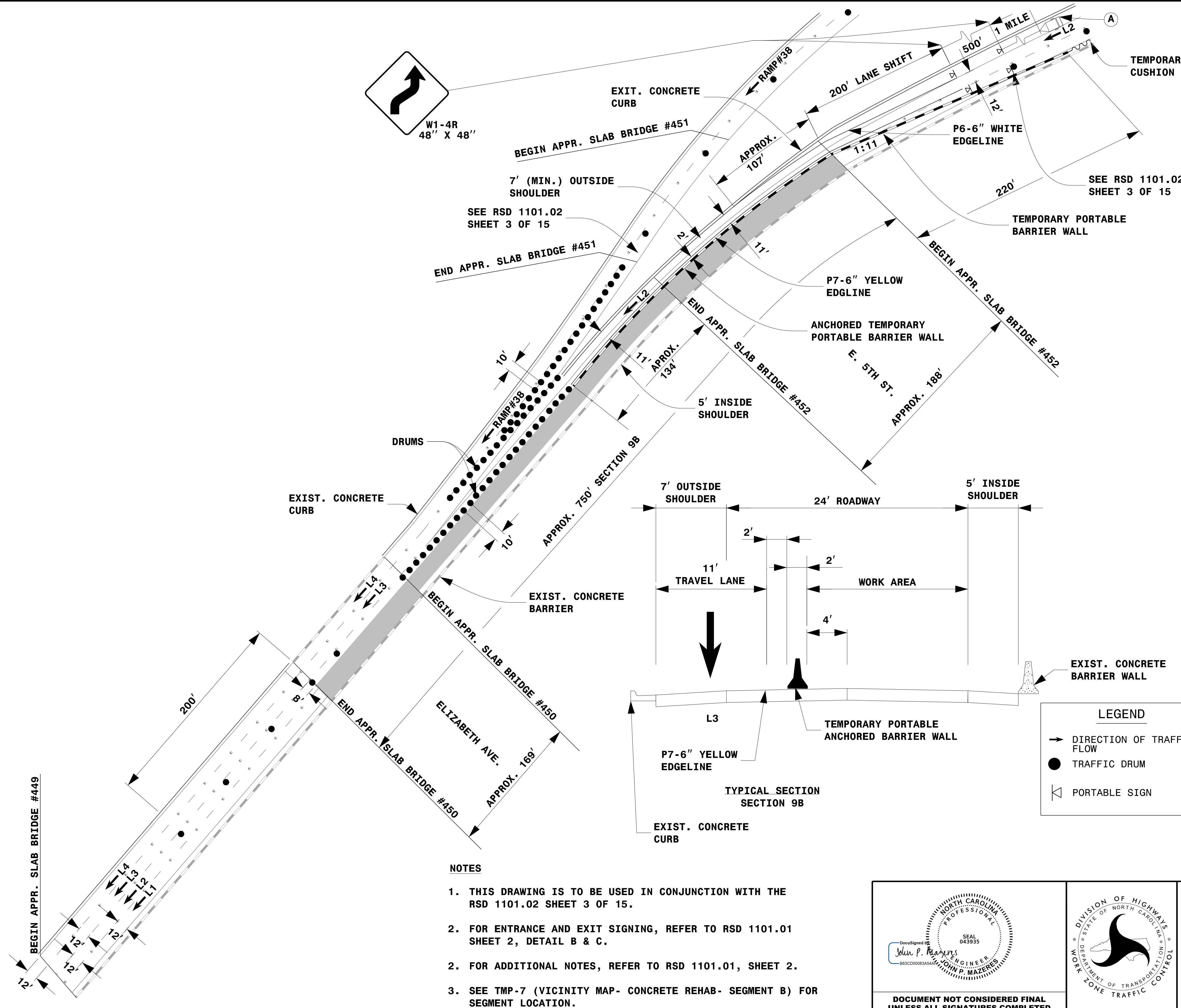
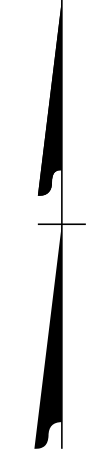
LANE CLOSURE DETAIL  
2 AND 4 LANE SECTIONS  
7B AND 8B: SOUTHBOUND  
(STEP 2 OF 2)

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

4/24/2017  
 Z:\Raleigh\Production\TIP I-5746AB\TrafficControl\I-5746AB.TMP\08_7B & 8B_SB (2 OF 2).dgn  
 User: jmazeres



MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	



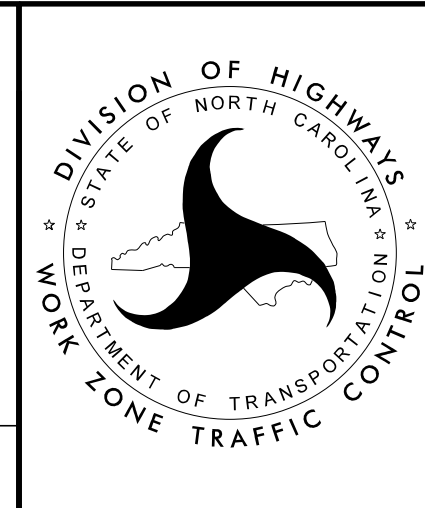
LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	PORTABLE SIGN
	CHANGEABLE MESSAGE SIGN
	TEMPORARY CRASH CUSHION
	TEMPORARY PORTABLE CONCRETE BARRIER
	WORK AREA

# STEP 1

- NOTES**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH THE RSD 1101.02 SHEET 3 OF 15.
  2. FOR ENTRANCE AND EXIT SIGNING, REFER TO RSD 1101.01 SHEET 2, DETAIL B & C.
  2. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
  3. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.

DocuSigned by:  
*John P. Mazeres*  
SEAL 043935  
PROFESSIONAL ENGINEER  
JOHN P. MAZERES

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



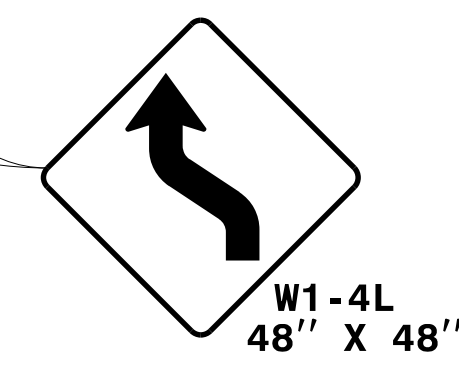
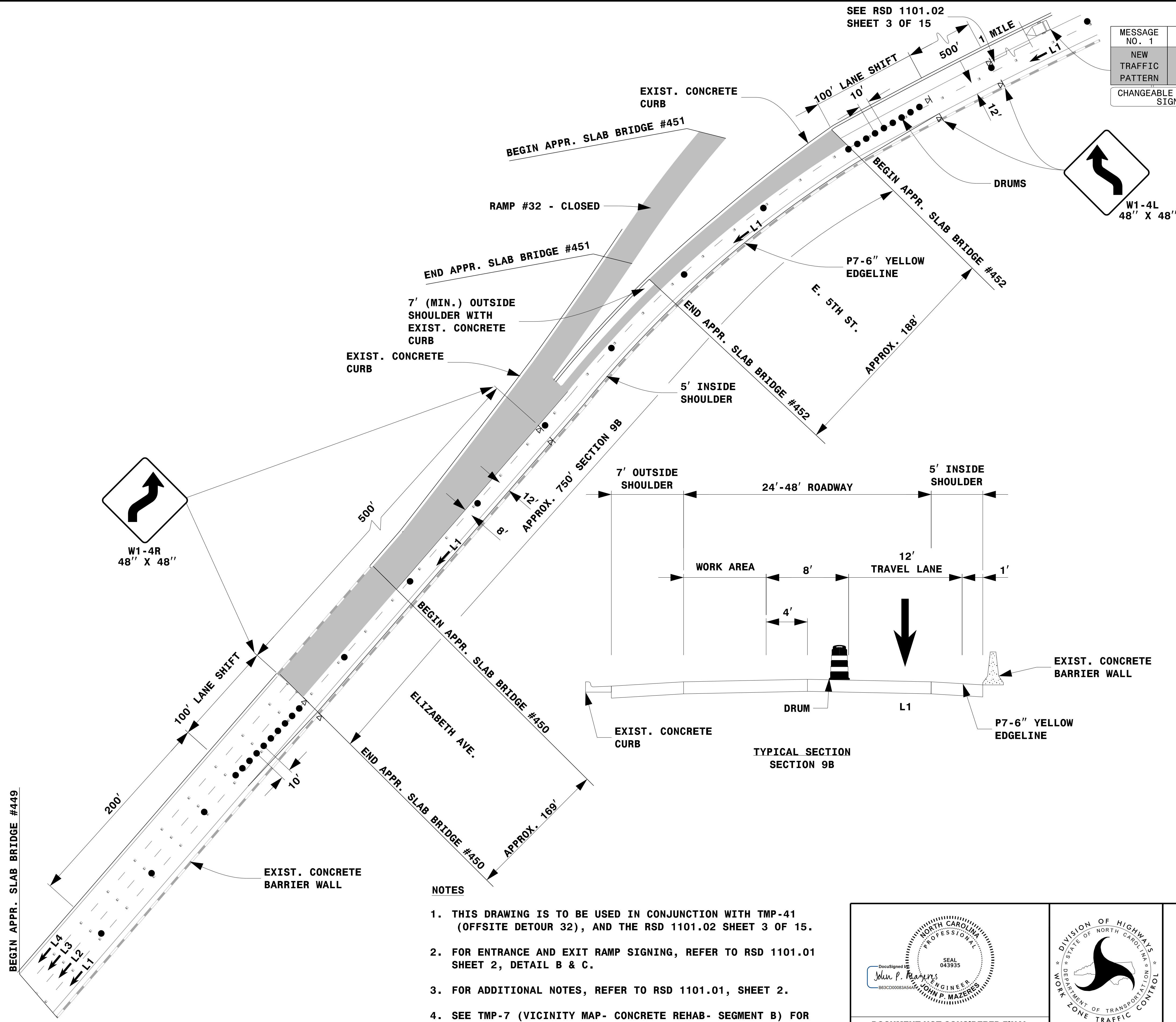
LANE CLOSURE DETAIL  
2 LANE SECTION  
9B: SOUTHBOUND  
(STEP 1 OF 2)

4/24/2017  
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User: jmazeres

PROJ. REFERENCE NO.	SHEET NO.
I-5746A/I-5746B	TMP-110

**KCA**  
KISINGER CAMPO & ASSOCIATES  
Kisinger Campo & Associates Corp.  
4800 Six Forks Rd.,  
Suite 120  
Raleigh, NC 27609  
John P. Mazeres, PE No. 043935

MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	



**LEGEND**

- DIRECTION OF TRAFFIC FLOW
- TRAFFIC DRUM
- ▽ PORTABLE SIGN
- WORK AREA
- ◁ CHANGEABLE MESSAGE SIGN

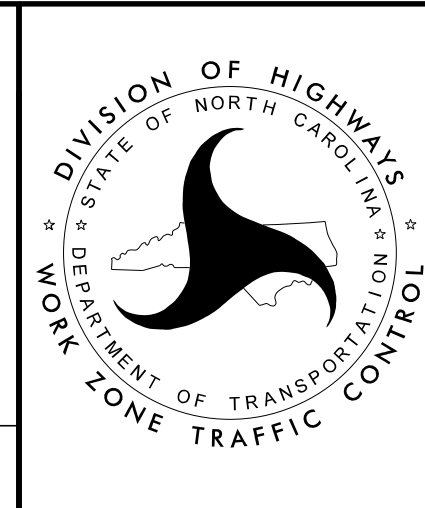
## STEP 2

**NOTES**

1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-41 (OFFSITE DETOUR 32), AND THE RSD 1101.02 SHEET 3 OF 15.
2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO RSD 1101.01 SHEET 2, DETAIL B & C.
3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.

DocuSigned by:  
*John P. Mazeres*  
SEAL 043935  
ENGINEER  
JOHN P. MAZERES

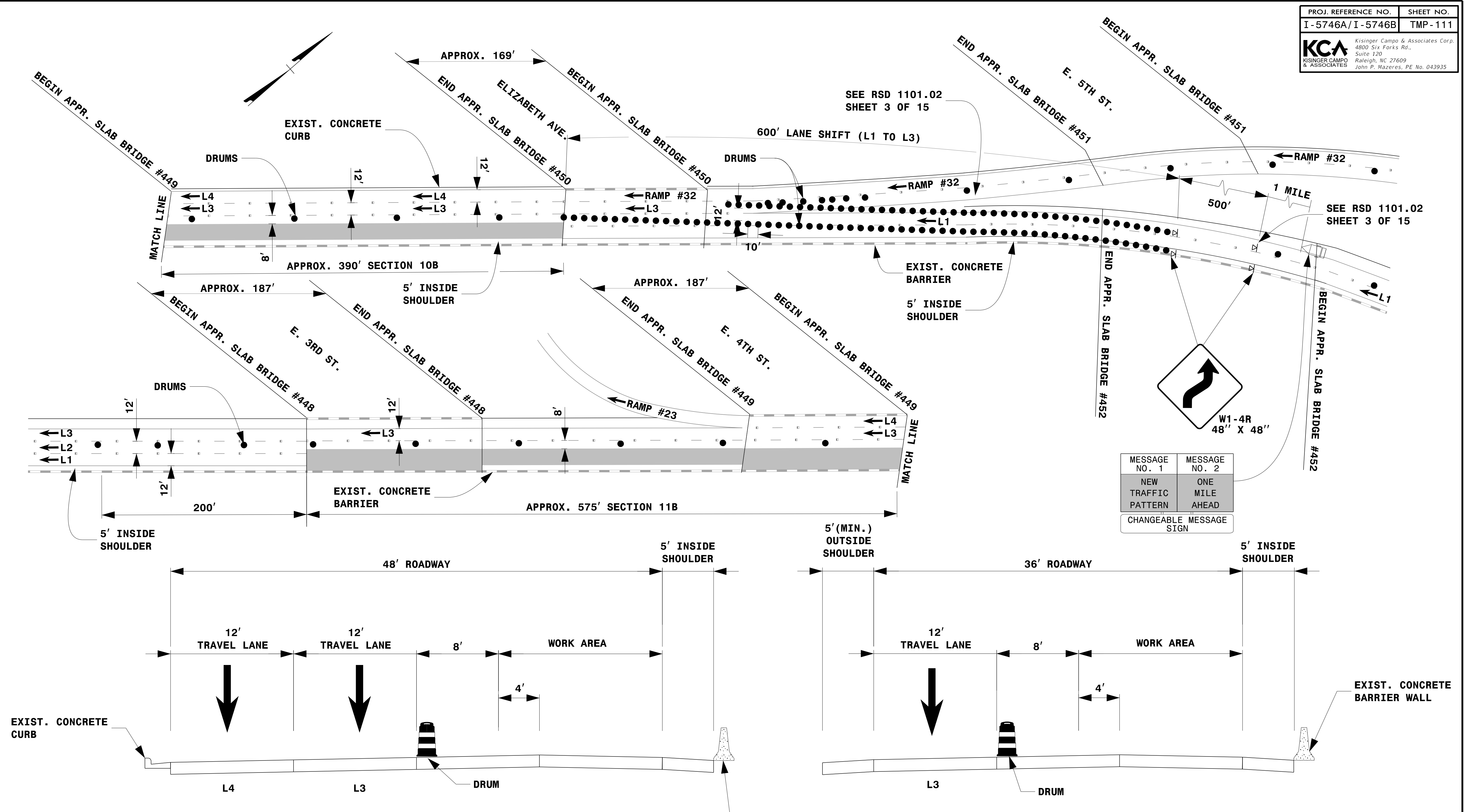
**DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED**



LANE CLOSURE DETAIL  
2 LANE SECTION  
9B: SOUTHBOUND  
(STEP 2 OF 2)

4/24/2017  
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User: jmazeres



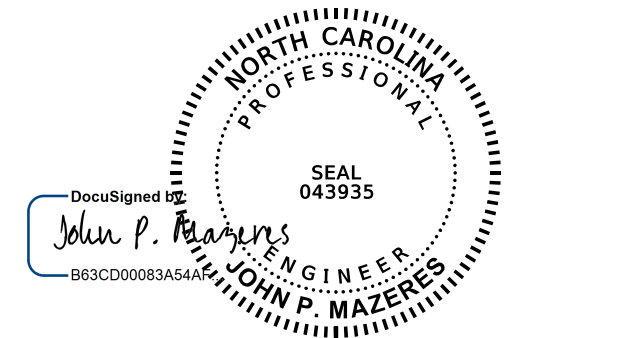


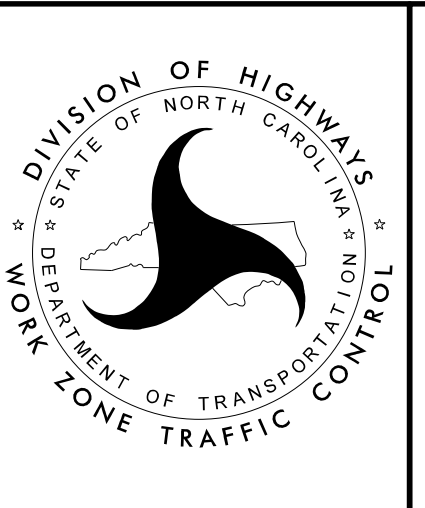
MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

**TYPICAL SECTION SECTION 10B**      **TYPICAL SECTION SECTION 11B**      **STEP 1**

LEGEND	
	DIRECTION OF TRAFFIC FLOW
	TRAFFIC DRUM
	CHANGEABLE MESSAGE SIGN
	PORTABLE SIGN
	WORK AREA

- NOTES**
1. THIS DRAWING IS TO BE USED IN CONJUNCTION WITH THE RSD 1101.02 SHEET 3 OF 15.
  2. FOR ENTRANCE AND EXIT RAMP SIGNING, REFER TO 1101.01 SHEET 2, DETAIL B & C.
  3. FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
  4. SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.

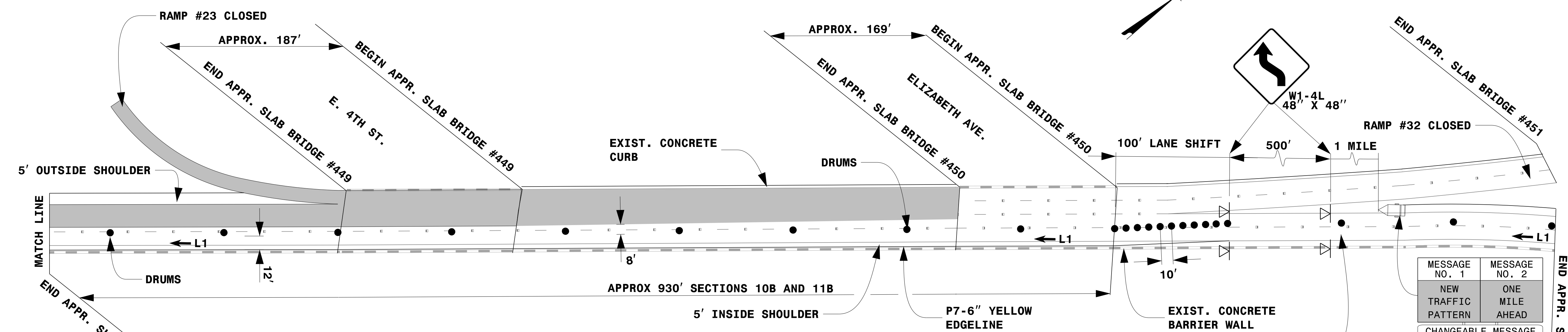
DocuSigned by:  
  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 NO. 043935



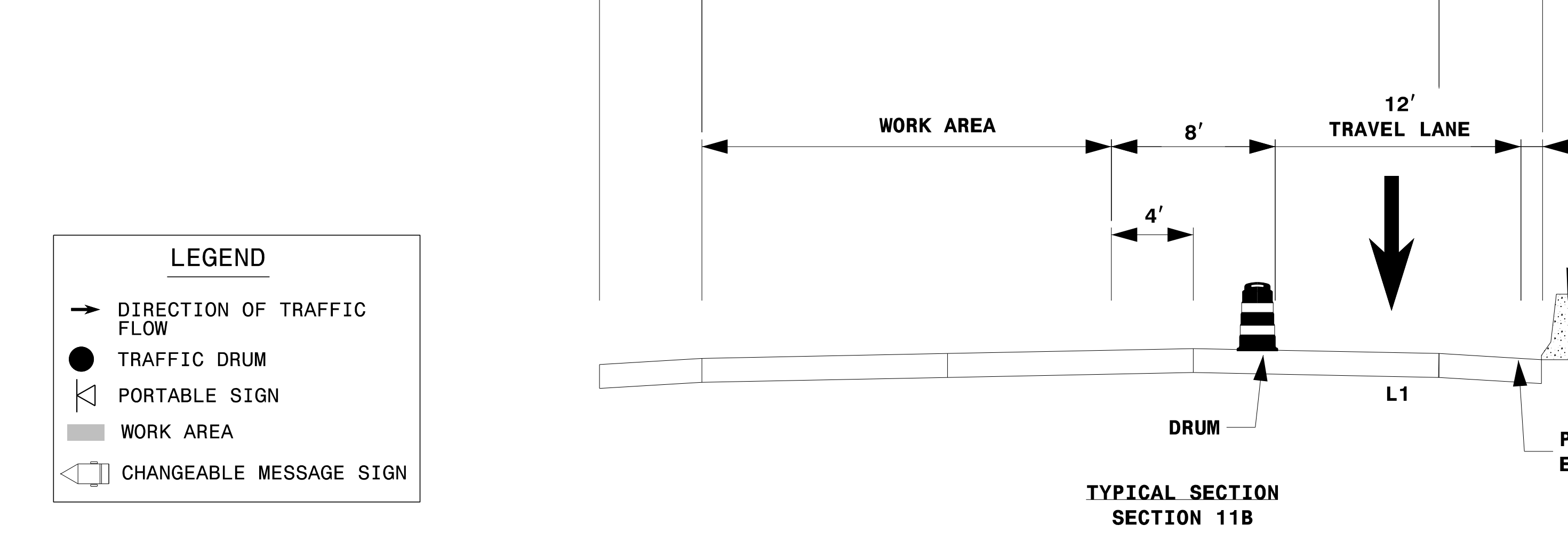
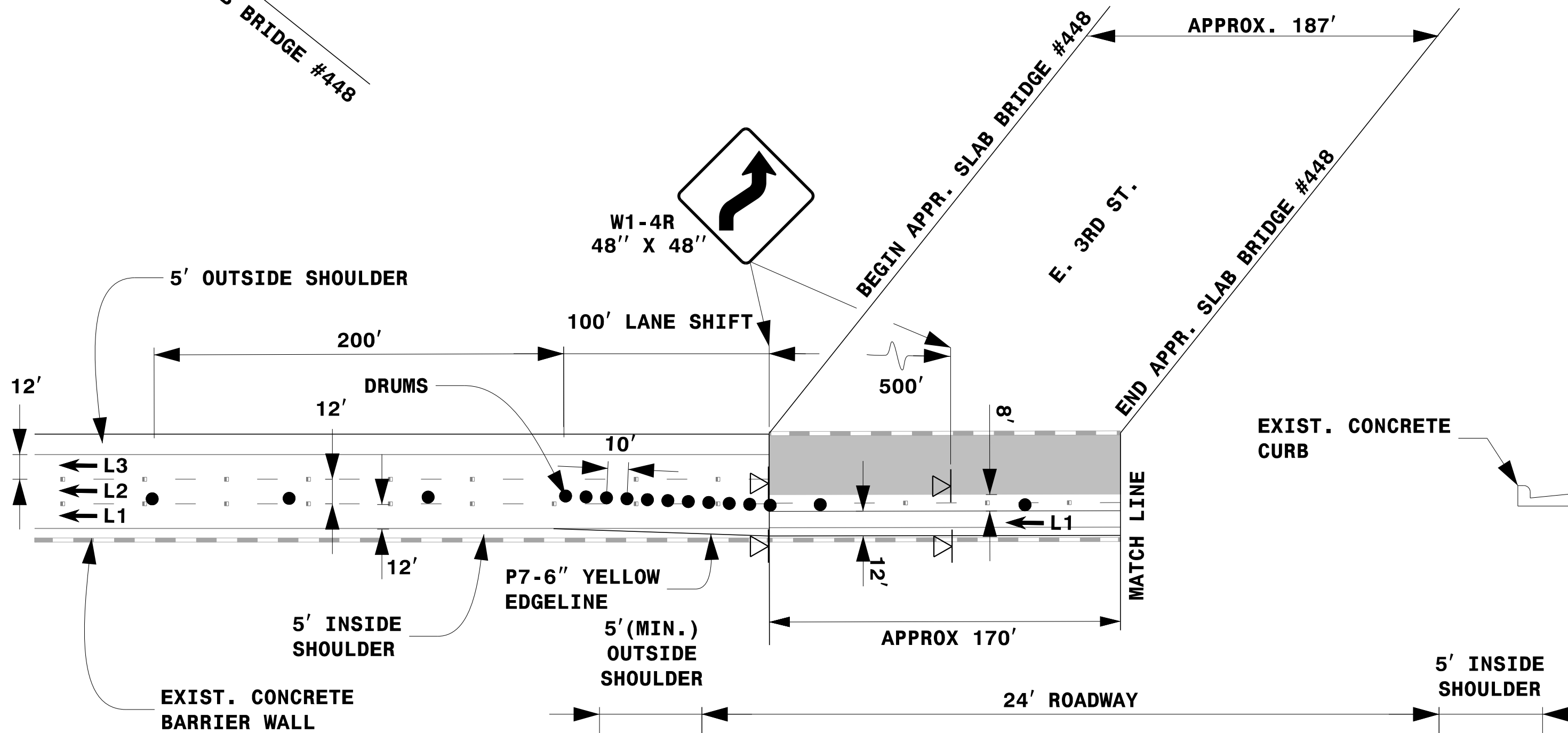
LANE CLOSURE DETAIL  
 3 AND 4 LANE SECTIONS  
 10B AND 11B: SOUTHBOUND  
 (STEP 1 OF 2)

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

4/24/2017  
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 User: jmazeres








MESSAGE NO. 1	MESSAGE NO. 2
NEW TRAFFIC PATTERN	ONE MILE AHEAD
CHANGEABLE MESSAGE SIGN	

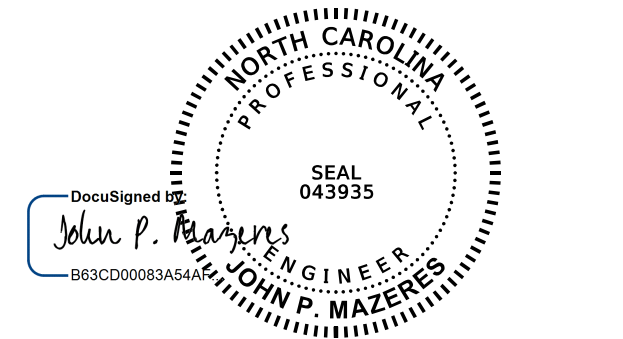


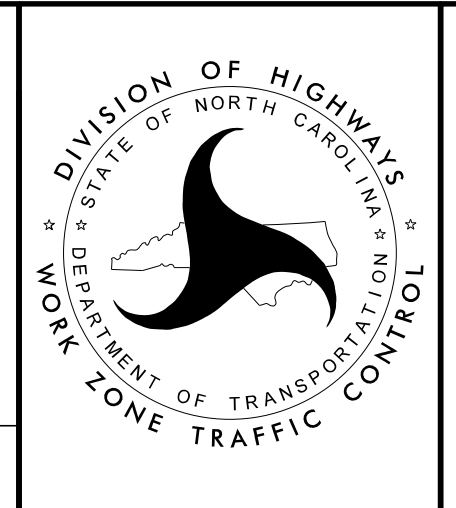
- NOTES**
- THIS DRAWING IS TO BE USED IN CONJUNCTION WITH TMP-30 (OFFSITE DETOUR 23), TMP-41 (OFFSITE DETOUR 32) AND RSD 1101.02 SHEET 8 OF 15.
  - FOR ENTRANCE AND EXIT RAMP SIGING, REFER TO RSD 1101.01 SHEET 2, DETAIL B & C.
  - FOR ADDITIONAL NOTES, REFER TO RSD 1101.01, SHEET 2.
  - SEE TMP-7 (VICINITY MAP- CONCRETE REHAB- SEGMENT B) FOR SEGMENT LOCATION.

## STEP 2

**LEGEND**

-  DIRECTION OF TRAFFIC FLOW
-  TRAFFIC DRUM
-  PORTABLE SIGN
-  WORK AREA
-  CHANGEABLE MESSAGE SIGN

DocuSigned by:  
  
 JOHN P. MAZERES  
 PROFESSIONAL ENGINEER  
 SEAL 043935



LANE CLOSURE DETAIL  
 3 AND 4 LANE SECTIONS  
 10B AND 11B: SOUTHBOUND  
 (STEP 2 OF 2)

DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED

4/24/2017  
 Z:\Raleigh\Production\TIP I-5746AB\Traffic\TrafficControl\TIP\I-5746AB.TMP\112.10B & 11B SB (2 OF 2).dgn  
 User: jmazeres



SIGN NUMBER: SEE NOTE 3      BACKG COLOR: Orange  
 TYPE: D      COPY COLOR: Black  
 QUANTITY: 6

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 3'-0"  
 HEIGHT: 2'-6"  
 TOTAL AREA: 7.5 Sq.Ft.

BORDER TYPE: INSET  
 RECESS: 0.00"  
 WIDTH: 0.63"  
 RADII: 1.5"

NO. Z BARS: N/A  
 LENGTH: N/A

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

1. Legend and border shall be direct applied black non-reflective sheeting.  
 2. Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.  
 3. SIGN NUMBERS: TMP 18-1, TMP 18-2, TMP 18-3, TMP 18-4, TMP 18-5

DESIGN BY: J. MAZERES      CHECKED BY: F. ABDALLA      DATE: 3/20/2017  
 PROJECT ID: I-5746AB      LOCATION: MECKLENBURG COUNTY      DIV: 10

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter																				Series/Size
	C	A	R	S	O	N														Text Length
	7.5	3.4	3.9	3.4	3.6	3.9	2.8	7.5												C 2000
	11.5	3.6	2.8	3.8	2.8	11.5														21
																				C 2000
																				13

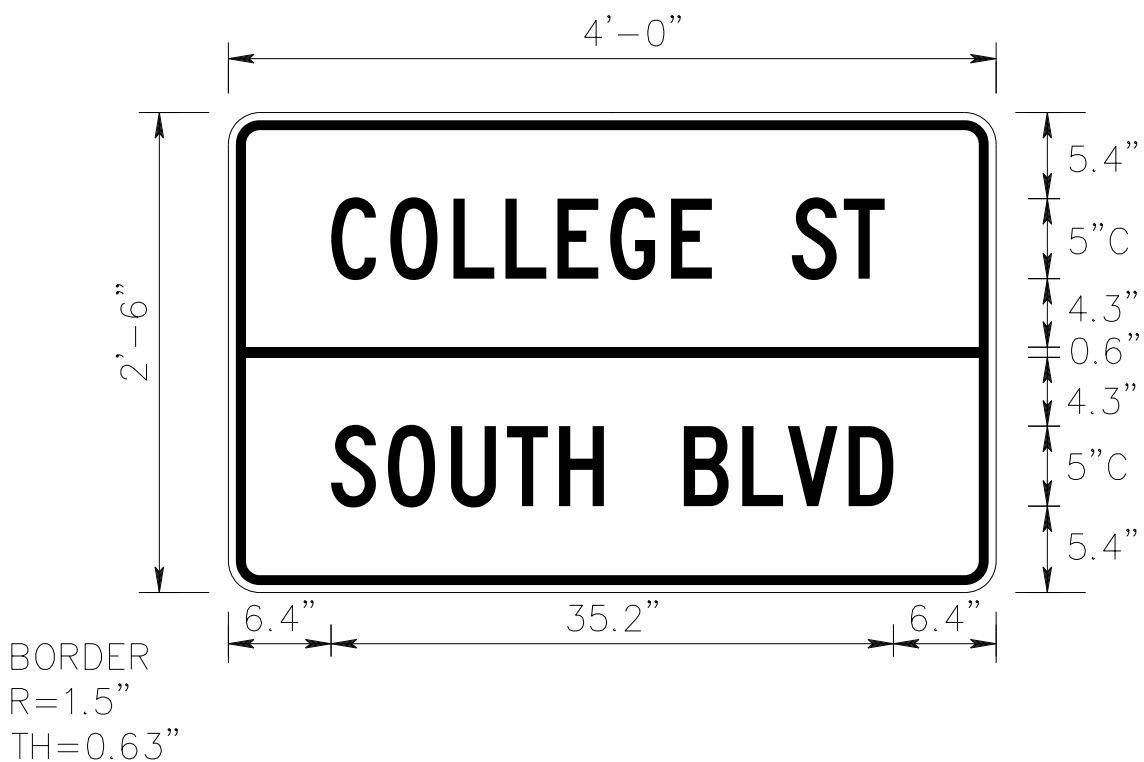
FILENAME: Guidesign_Design      NORTH CAROLINA D.O.T. SIGN DETAIL

4/24/2017  
 Z:\Raleigh\Production\TIP I-5746AB\Traffic\Signing\CADD\Quantities & GM Signs\200_ILI5746AB_TMP113_CARSON BLVD.dgn  
 User: jmazeres

**SIGN DETAILS  
CARSON BLVD.**

DOCUMENT NOT CONSIDERED FINAL  
UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: SEE NOTE 3 TYPE: D QUANTITY: 2 SIGN WIDTH: 4'-0" HEIGHT: 2'-6" TOTAL AREA: 10.0 Sq.Ft. BORDER TYPE: INSET RECESS: 0.00" WIDTH: 0.63" RADII: 1.50" NO. Z BARS: N/A LENGTH: N/A	BACKG COLOR: Orange COPY COLOR: Black <table border="1"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT																																														DESIGN BY: J. MAZERES PROJECT ID: I-5746AB CHECKED BY: F. ABDALLA LOCATION: MECKLENBURG COUNTY DATE: 3/20/2017 DIV: 10
SYMBOL	X	Y	WID	HT																																																



Spacing Factor is 1 unless specified otherwise

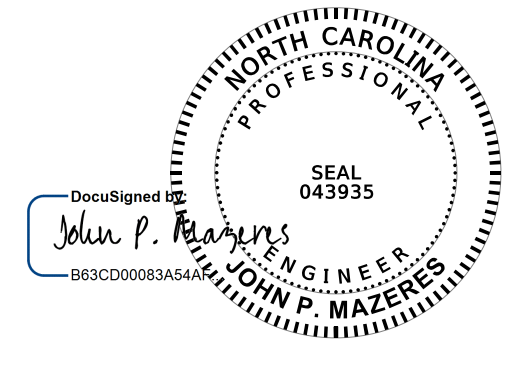

**LETTER POSITIONS**

Letter spacings are to start of next letter

	C	O	L	L	E	G	E	S	T												Series/Size Text Length	
	6.5	3.7	4	3.3	3.3	3.3	3.8	2.7	5	3.3	2.6	6.5									C 2000 35	
		S	O	U	T	H		B	L	V	D											C 2000 35.2
	6.4	3.6	3.9	3.5	3.3	2.8	5	3.6	2.9	3.8	2.8	6.4										

FILENAME: Guidesign_Design NORTH CAROLINA D.O.T. SIGN DETAIL

4/24/2017  
 Z:\Raleigh\Production\TIP I-5746AB\Traffic\Signing\CADD\Quantities & GM Signs\200_ILI5746AB_TMP114_COLLEGE ST & SOUTH BLVD.dgn  
 User: jmazeres

		<h2>SIGN DETAILS</h2> <h1>COLLEGE ST / SOUTH BLVD</h1>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



**SIGN NUMBER:** SEE NOTE 3    **BACKG COLOR:** Orange  
**TYPE:** D    **COPY COLOR:** Black  
**QUANTITY:** 11

SYMBOL	X	Y	WID	HT

**SIGN WIDTH:** 3'-0"  
**HEIGHT:** 2'-6"  
**TOTAL AREA:** 7.5 Sq.Ft.  
**BORDER TYPE:** INSET  
**RECESS:** 0.00"  
**WIDTH:** 0.63"  
**RADII:** 1.5"  
**NO. Z BARS:** N/A  
**LENGTH:** N/A  
**MAT'L:** 0.125" (3.2 mm) ALUMINUM

**DESIGN BY:** J. MAZERES    **CHECKED BY:** F. ABDALLA    **DATE:** 3/20/2017  
**PROJECT ID:** I-5746AB    **LOCATION:** MECKLENBURG COUNTY    **DIV:** 10

**USE NOTES: 1,2**  
 1. Legend and border shall be direct applied black non-reflective sheeting.  
 2. Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.  
 3. SIGN NUMBERS: TMP 22-1, TMP 22-2, TMP 22-3, TMP 22-4, TMP 22-5, TMP 27-7, TMP 27-8, TMP 27-9

Spacing Factor is 1 unless specified otherwise

**LETTER POSITIONS**

Letter spacings are to start of next letter														Series/Size	
	C	O	L	L	E	G	E								Text Length
	6.1	3.7	3.8	3.3	3.3	3.3	3.8	2.6	6.1						<b>C 2000</b>
															<b>23.8</b>
		S	T	R	E	E	T								<b>C 2000</b>
	8.4	3.3	3.3	3.6	3.4	3	2.6	8.4							<b>19.2</b>

FILENAME: Guidesign_Design NORTH CAROLINA D.O.T. SIGN DETAIL

4/24/2017  
Z:\Raleigh\Production\TIP I-5746AB\Traffic\Signing\CADD\Quantities & GM Signs\200_ILI5746AB_TMP115_COLLEGE STREET.dgn  
User:jmazer

DocuSigned by:  
John P. Mazeres  
043935  
ENGINEER  
JOHN P. MAZERES

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

**SIGN DETAILS  
COLLEGE STREET**

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

**SIGN NUMBER:** SEE NOTE 3    **BACKG COLOR:** Orange  
**TYPE:** D                              **COPY COLOR:** Black  
**QUANTITY:** 2                         **SYMBOL**    X    Y    WID    HT  
  
**SIGN WIDTH:** 2'-6"  
**HEIGHT:** 2'-6"  
**TOTAL AREA:** 6.3 Sq.Ft.

SYMBOL	X	Y	WID	HT

**BORDER TYPE:** INSET  
**RECESS:** 0.00"  
**WIDTH:** 0.63"  
**RADII:** 1.5"  
**MAT'L:** 0.125" (3.2 mm) ALUMINUM

**NO. Z BARS:** N/A  
**LENGTH:** N/A

**DESIGN BY:** J. MAZERES                      **CHECKED BY:** F. ABDALLA                      **DATE:** 3/20/2017  
**PROJECT ID:** I-5746AB                        **LOCATION:** MECKLENBURG COUNTY                      **DIV:** 10

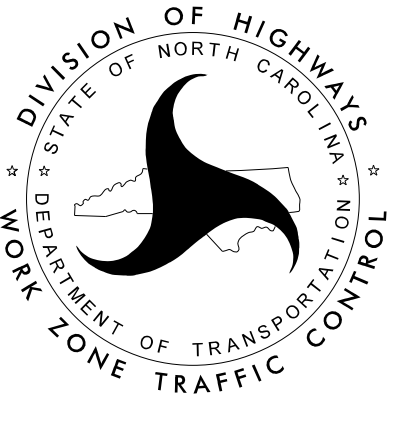
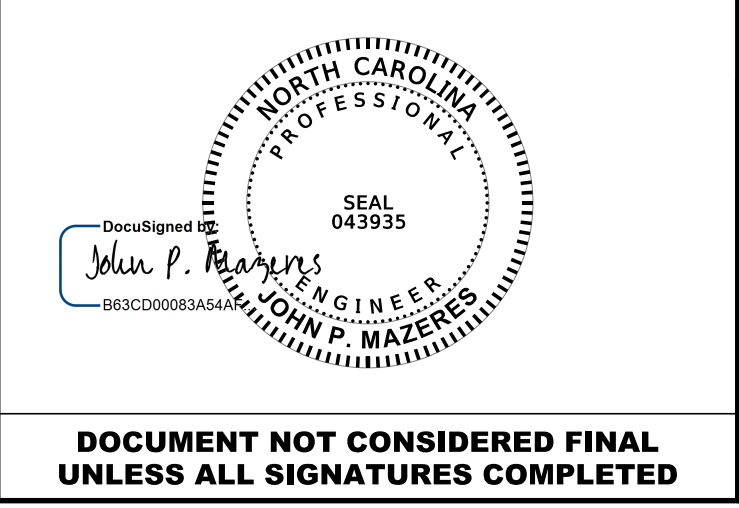
Spacing Factor is 1 unless specified otherwise

**USE NOTES: 1,2**  
 1. Legend and border shall be direct applied black non-reflective sheeting.  
 2. Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.  
 3. SIGN NUMBERS: TMP 27-10, TMP 27-11

**LETTER POSITIONS**

Letter spacings are to start of next letter															Series/Size Text Length		
		S	O	U	T	H											C 2000
	6.5	3.6	3.9	3.5	3.3	2.7	6.5										17
		B	L	V	D												C 2000
		8.5	3.6	2.8	3.8	2.8	8.5										13

4/24/2017  
 Z:\Raleigh\Production\TIP I-5746AB\Traffic\Signing\CADD\Quantities & GM Signs\200_IL\I5746AB_TMP116_SOUTH_BLV.D.dgn  
 User: jmazeres



## SIGN DETAILS SOUTH BLVD



**SIGN NUMBER:** SEE NOTE 3    **BACKG COLOR:** Orange  
**TYPE:** D    **COPY COLOR:** Black  
**QUANTITY:** 11

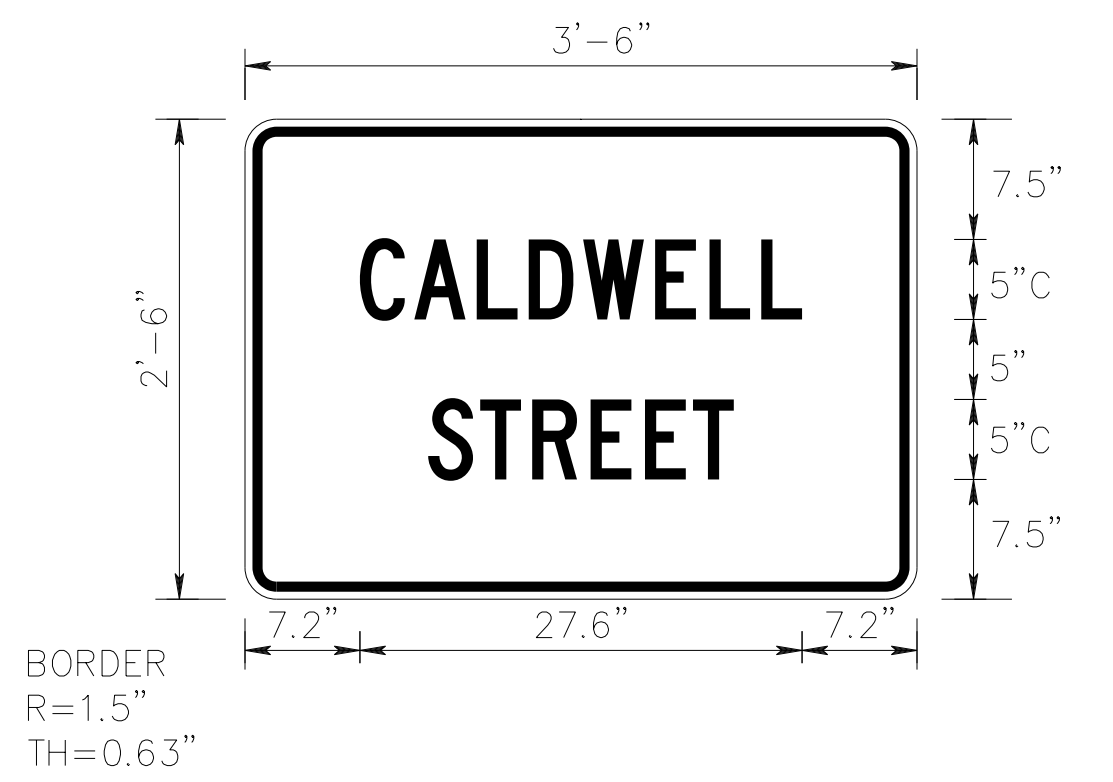
SYMBOL	X	Y	WID	HT

**SIGN WIDTH:** 3'-6"  
**HEIGHT:** 2'-6"  
**TOTAL AREA:** 8.8 Sq.Ft.

**BORDER TYPE:** INSET  
**RECESS:** 0.00"  
**WIDTH:** 0.63"  
**RADII:** 1.5"  
**NO. Z BARS:** N/A  
**LENGTH:** N/A

MAT'L: 0.125" (3.2 mm) ALUMINUM

**DESIGN BY:** J. MAZERES    **CHECKED BY:** F. ABDALLA    **DATE:** 3/20/2017  
**PROJECT ID:** I-5746AB    **LOCATION:** MECKLENBURG COUNTY    **DIV:** 10



**USE NOTES:** 1,2

- Legend and border shall be direct applied black non-reflective sheeting.
- Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.
- SIGN NUMBERS: TMP 23-1, TMP 23-2, TMP 23-3, TMP 23-4, TMP 24-1, TMP 24-2, TMP 24-3, TMP 24-4

Spacing Factor is 1 unless specified otherwise

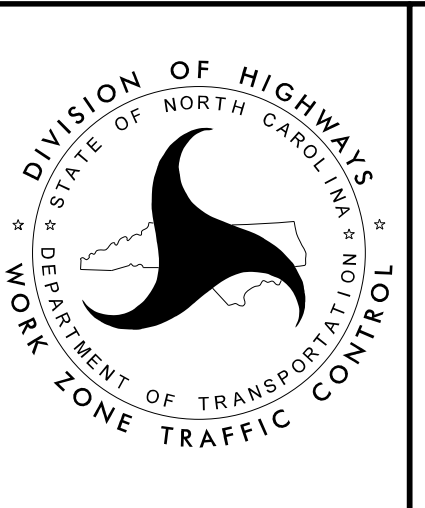
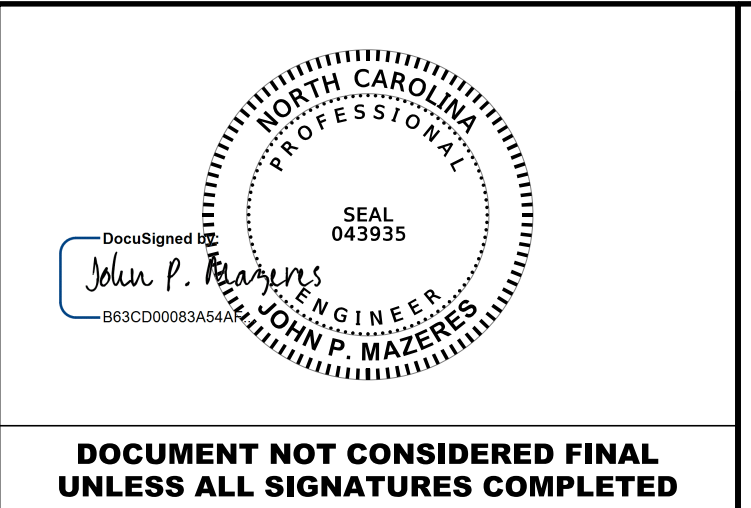
**LETTER POSITIONS**

Letter spacings are to start of next letter													Series/Size
	C	A	L	D	W	E	L	L					Text Length
	7.2	3.4	3.8	3.3	3.4	4.5	3.4	3.3	2.5	7.2			C 2000
													27.6
		S	T	R	E	E	T						C 2000
	11.4	3.3	3.3	3.6	3.4	3	2.6	11.4					19.2

FILENAME: Guidesign_Design

NORTH CAROLINA D.O.T. SIGN DETAIL

4/24/2017  
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User:jmazer



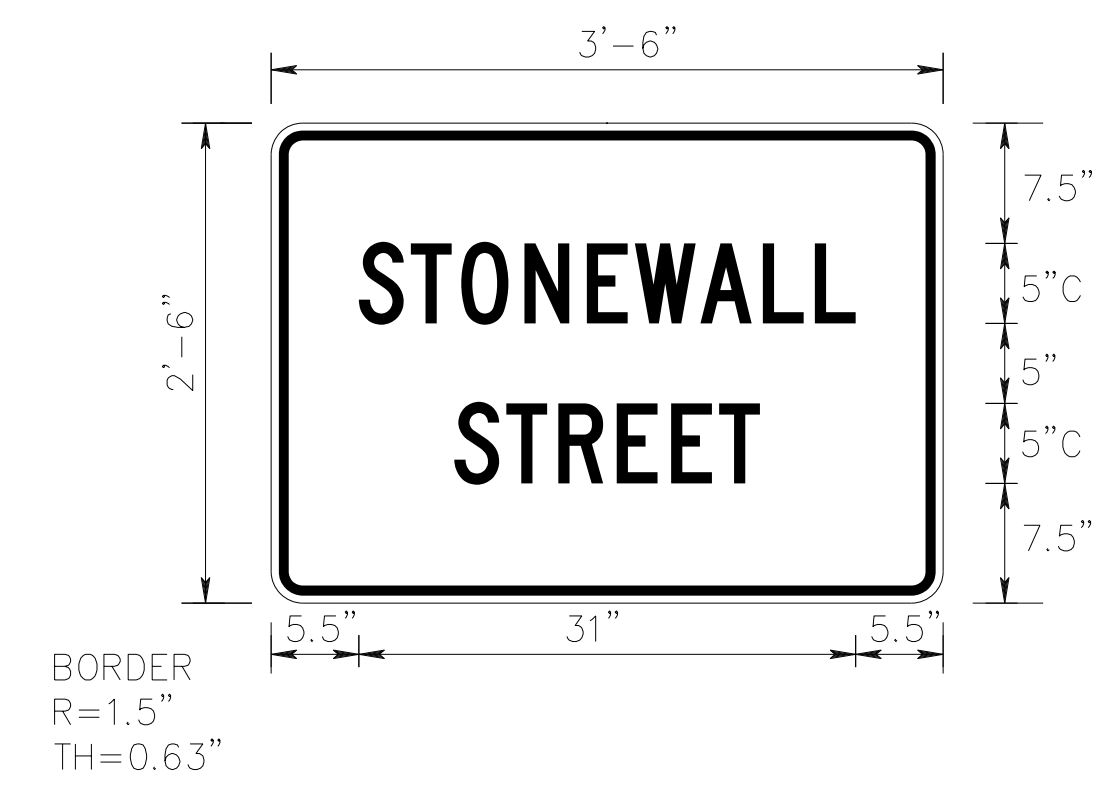
**SIGN DETAILS**  
**CALDWELL STREET**

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





SIGN NUMBER: SEE NOTE 3 TYPE: D QUANTITY: 5 SIGN WIDTH: 3'-6" HEIGHT: 2'-6" TOTAL AREA: 8.8 Sq.Ft. BORDER TYPE: INSET RECESS: 0.00" WIDTH: 0.63" RADII: 1.5" NO. Z BARS: N/A LENGTH: N/A	BACKG COLOR: Orange COPY COLOR: Black <table border="1" style="width: 100%; text-align: center;"> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table> MAT'L: 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT																																																								DESIGN BY: J. MAZERES PROJECT ID: I-5746AB	CHECKED BY: F. ABDALLA LOCATION: MECKLENBURG COUNTY	DATE: 3/20/2017 DIV: 10
SYMBOL	X	Y	WID	HT																																																												



Spacing Factor is 1 unless specified otherwise

**LETTER POSITIONS**

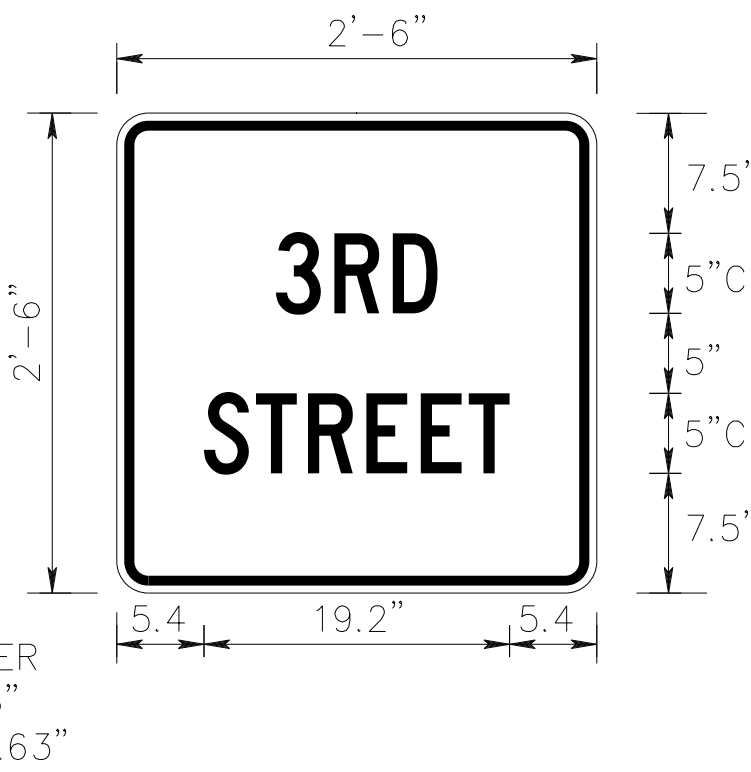
Letter spacings are to start of next letter															Series/Size Text Length
S	T	O	N	E	W	A	L	L							C 2000
5.5	3.2	3.2	3.9	3.9	3	4.1	3.9	3.2	2.6	5.5					31
S	T	R	E	E	T										C 2000
11.4	3.3	3.3	3.6	3.4	3	2.6	11.4								19.2

FILENAME: Guidesign_Design NORTH CAROLINA D.O.T. SIGN DETAIL

4/24/2017  
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 User: jmazeres

 <p style="font-size: small;">DocuSigned by: John P. Mazeres 863CD00834544</p>		<h2 style="margin: 0;">SIGN DETAILS STONEWALL ST.</h2>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		

<p><b>SIGN NUMBER:</b> SEE NOTE 3      <b>BACKG COLOR:</b>      <b>Orange</b></p> <p style="margin-left: 40px;"><b>TYPE:</b>          D</p> <p><b>QUANTITY:</b>          15      <b>COPY COLOR:</b>      <b>Black</b></p> <p><b>SIGN WIDTH:</b> 2'-6"  <b>HEIGHT:</b> 2'-6"  <b>TOTAL AREA:</b> 6.3 Sq.Ft.</p> <p><b>BORDER TYPE:</b> INSET  <b>RECESS:</b> 0.00"  <b>WIDTH:</b> 0.63"  <b>RADII:</b> 1.5"</p> <p><b>NO. Z BARS:</b> N/A  <b>LENGTH:</b> N/A</p> <p style="text-align: center;"><b>USE NOTES: 1,2</b></p> <p><b>1. Legend and border shall be direct applied black non-reflective sheeting.</b></p> <p><b>2. Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.</b></p> <p><b>3. SIGN NUMBERS: TMP 32-1, TMP 32-2, TMP 32-3, TMP 32-4 TMP 33-1, TMP 33-2, TMP 33-3, TMP 33-4, TMP 33-5</b></p>	<p><b>DESIGN BY:</b> J. MAZERES      <b>CHECKED BY:</b> F. ABDALLA      <b>DATE:</b> 3/20/2017</p> <p><b>PROJECT ID:</b> I-5746AB      <b>LOCATION:</b> MECKLENBURG COUNTY      <b>DIV:</b> 10</p>	<table border="1"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <p style="text-align: center;"><b>MAT'L: 0.125" (3.2 mm) ALUMINUM</b></p>	SYMBOL	X	Y	WID	HT																																																																	
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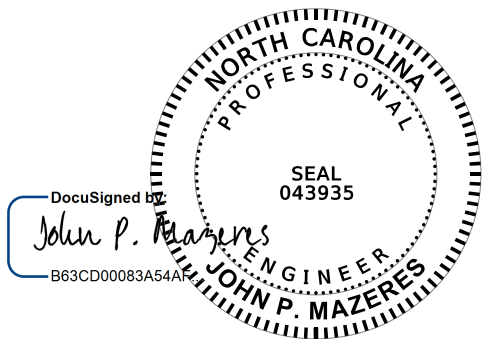
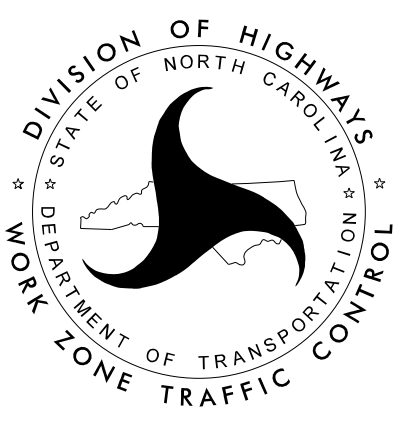


Spacing Factor is 1 unless specified otherwise

Letter positions													Series/Size	Text Length
Letter spacings are to start of next letter														
		3	R	D										C 2000
	10	3.7	3.6	2.7	10									10
		S	T	R	E	E	T							C 2000
	5.4	3.3	3.3	3.6	3.4	3	2.6	5.4						19.2

FILENAME: Guidesign_Design NORTH CAROLINA D.O.T. SIGN DETAIL

4/24/2017 4:24:20 PM User: jmazeres  
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 SFILES  
 STIME\$  
 SDATES  
 \$USERS\$

		<h2 style="margin: 0;">SIGN DETAILS</h2> <h3 style="margin: 0;">3RD STREET</h3>
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED		



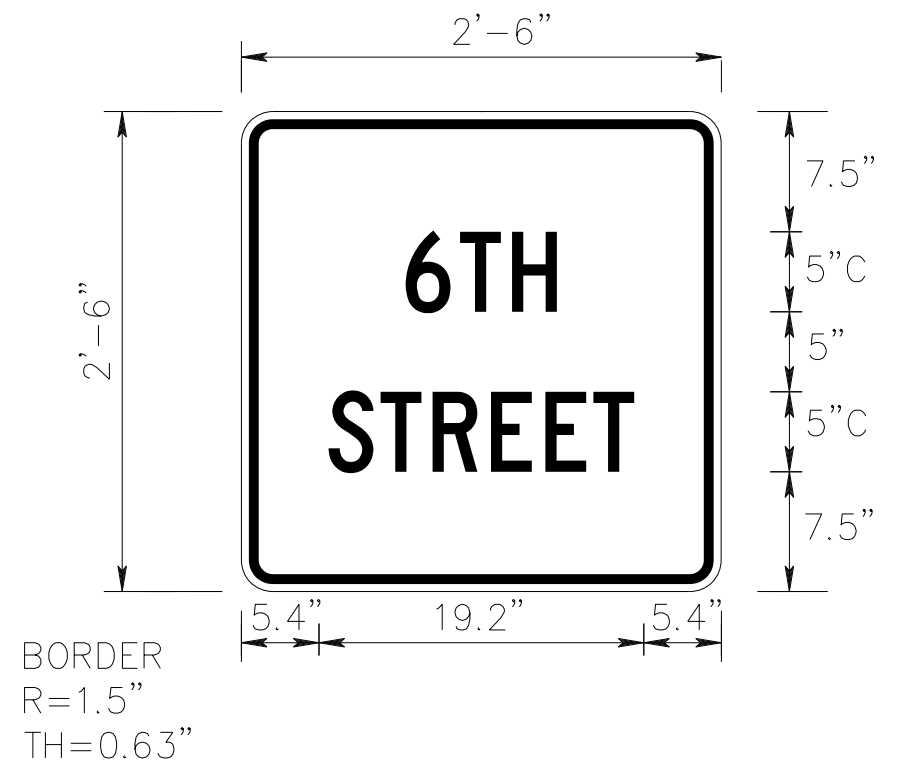
**SIGN NUMBER:** SEE NOTE 3    **BACKG COLOR:** Orange  
**TYPE:** D    **COPY COLOR:** Black  
**QUANTITY:** 16  
**SIGN WIDTH:** 2'-6"  
**HEIGHT:** 2'-6"  
**TOTAL AREA:** 6.3 Sq.Ft.

SYMBOL	X	Y	WID	HT

**BORDER TYPE:** INSET  
**RECESS:** 0.00"  
**WIDTH:** 0.63"  
**RADII:** 1.50"  
**MAT'L:** 0.125" (3.2 mm) ALUMINUM

**NO. Z BARS:** N/A  
**LENGTH:** N/A

**DESIGN BY:** J. MAZERES    **CHECKED BY:** F. ABDALLA    **DATE:** 3/20/2017  
**PROJECT ID:** I-5746AB    **LOCATION:** MECKLENBURG COUNTY    **DIV:** 10



- USE NOTES:** 1,2
- Legend and border shall be direct applied black non-reflective sheeting.
  - Background shall be Type VII, VIII, or IX (prismatic) fluorescent orange retroreflective sheeting.
  - SIGN NUMBERS: TMP 36-1, TMP 36-2, TMP 36-3, TMP 36-4, TMP 36-5, TMP 41-1, TMP 41-2, TMP 41-3, TMP 41-6, TMP 41-7, TMP 41-8

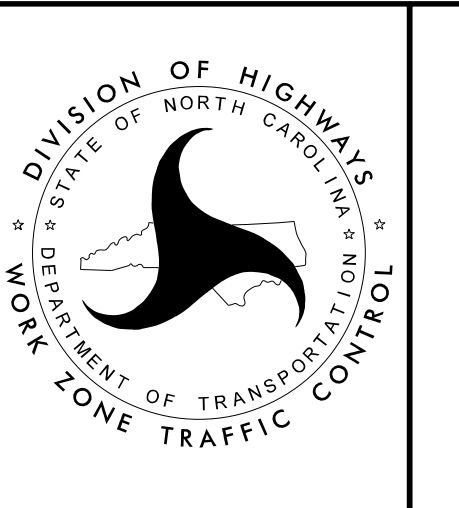
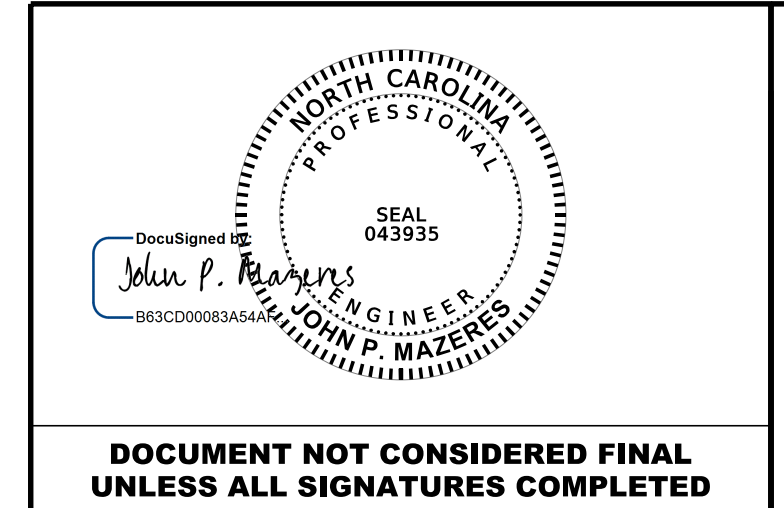
Spacing Factor is 1 unless specified otherwise

**LETTER POSITIONS**

Letter spacings are to start of next letter																Series/Size	Text Length		
	6	T	H															C 2000	9.4
10.3	3.4	3.2	2.8	10.3														C 2000	19.2
	S	T	R	E	E	T													
5.4	3.3	3.3	3.6	3.4	3	2.6	5.4												

FILENAME: Guidesign_Design    NORTH CAROLINA D.O.T. SIGN DETAIL

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 User: jmazeres



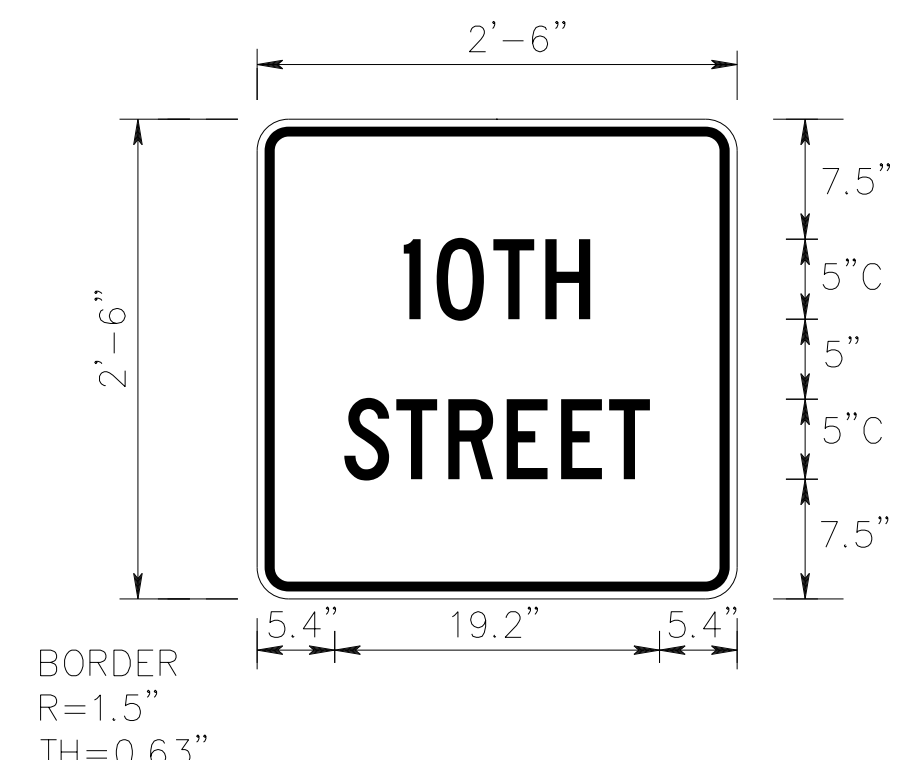
**SIGN DETAILS**  
**6TH STREET**

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED





<b>SIGN NUMBER:</b> SEE NOTE 3 <b>TYPE:</b> D <b>QUANTITY:</b> 9 <b>SIGN WIDTH:</b> 2'-6" <b>HEIGHT:</b> 2'-6" <b>TOTAL AREA:</b> 6.3 Sq.Ft. <b>BORDER TYPE:</b> INSET <b>RECESS:</b> 0.00" <b>WIDTH:</b> 0.63" <b>RADII:</b> 1.5" <b>NO. Z BARS:</b> N/A <b>LENGTH:</b> N/A	<b>BACKG COLOR:</b> Orange <b>COPY COLOR:</b> Black <table border="1"> <thead> <tr> <th>SYMBOL</th> <th>X</th> <th>Y</th> <th>WID</th> <th>HT</th> </tr> </thead> <tbody> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </tbody> </table> <b>MAT'L:</b> 0.125" (3.2 mm) ALUMINUM	SYMBOL	X	Y	WID	HT																															<b>DESIGN BY:</b> J. MAZERES <b>PROJECT ID:</b> I-5746AB <b>CHECKED BY:</b> F. ABDALLA <b>LOCATION:</b> MECKLENBURG COUNTY <b>DATE:</b> 3/20/2017 <b>DIV:</b> 10
SYMBOL	X	Y	WID	HT																																	



BORDER  
R=1.5"  
TH=0.63"

Spacing Factor is 1 unless specified otherwise

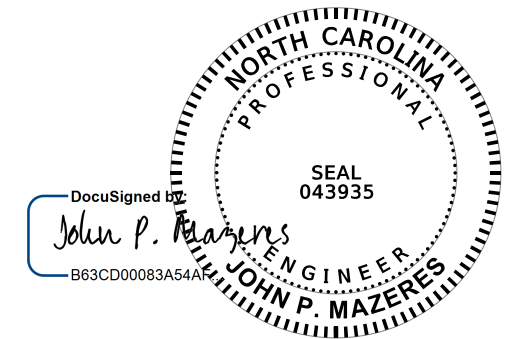
**LETTER POSITIONS**

Letter spacings are to start of next letter

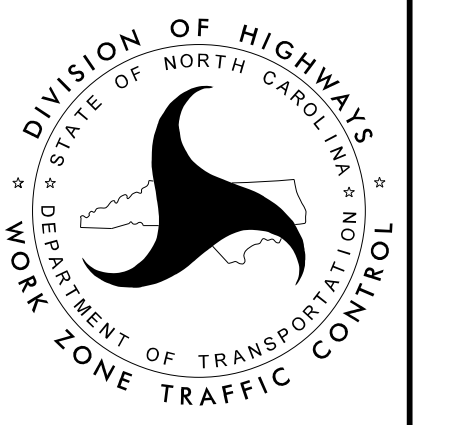
		Letter Spacing										Series/Size		
		1	0	T	H									Text Length
10TH		9.1	2.1	3.6	3.3	2.8	9.1							C 2000
	STREET													11.8
														C 2000
		5.4	3.3	3.3	3.6	3.4	3	2.6	5.4					19.2

FILENAME: Guidesign_Design NORTH CAROLINA D.O.T. SIGN DETAIL

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DocuSigned by: John P. Mazeres  
663C00083454



## SIGN DETAILS

## 10TH STREET

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

