

SIGNING, STRIPING AND CONDUIT PLAN GENERAL NOTES:

1. THE CONTRACTOR SHALL INSTALL AND REMOVE ALL REGULATORY, WARNING AND SPECIAL SIGNS AND SIGN POSTS WITHIN THE CONTRACT LIMITS, AS SHOWN. DELDOT SHALL FURNISH AND SUPPLY THE STANDARD REGULATORY AND WARNING SIGNS AND STANDARD SIGN POSTS TO THE CONTRACTOR FOR INSTALLATION. FOR COORDINATION AND PICK-UP OF SIGNS AND POSTS THE CONTRACTOR SHALL CONTACT DELDOT'S SIGN SHOP AT (302) 760-2581. ALLOW SIX WEEKS FOR SIGN FABRICATION.
2. THE CONTRACTOR SHALL FURNISH AND INSTALL ALL NON-STANDARD SIGNS SHOWN ON THE GUIDE SIGN DIMENSIONS AND DETAILS SHEETS AND ALL STEEL BEAM SIGN SUPPORTS AS SHOWN ON PLANS.
3. UNLESS OTHERWISE NOTED, THE CONTRACTOR SHALL FURNISH AND INSTALL ALL CONDUIT AND JUNCTION WELLS FOR ITMS DEVICES. DELDOT FORCES TO FURNISH AND INSTALL ALL COMMUNICATION CABLES.
4. INSTALLATION OF GROUND MOUNT SIGNS ON DELDOT SUPPLIED STANDARD SIGN POSTS SHALL BE PAID FOR UNDER ITEM NOS. 749687 - INSTALLATION OR REMOVAL OF TRAFFIC SIGNS ON SINGLE SIGN POST AND 749690 - INSTALLATION OR REMOVAL OF TRAFFIC SIGNS ON MULTIPLE SIGN POSTS. INSTALLATION OF GROUND MOUNTED SIGNS ON STEEL BEAM SIGN SUPPORTS SHALL BE PAID FOR UNDER ITEM NO. 605501 - GROUND MOUNT BREAKAWAY TYPE SIGN SUPPORTS AND FOUNDATIONS.
5. ALL UNDERGROUND COMMUNICATION CONDUITS FOR ITMS SHALL BE SCHEDULE 80 RIGID POLYVINYL CHLORIDE WHEN INSTALLED BY TRENCHING AND SDR-13.5 HDPE WHEN INSTALLED BY BORING.
6. ALL UNDERGROUND POWER CONDUITS FOR ITMS SHALL BE SCHEDULE 80 RIGID POLYVINYL CHLORIDE UNLESS OTHERWISE NOTED.

ITMS LEGEND	
	- PROPOSED MULTIDUCT ITMS CONDUIT
	- EXISTING ITMS CONDUIT
	- ITMS CONDUIT JUNCTION WELL
	- JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
	- CONDUIT RUN IDENTIFIER (# OF RUN) (EXISTING AND PROPOSED)

ITMS CONDUIT RUN SCHEDULE				
CO#	# OF CONDUITS	SIZE	LENGTH	B/T/O (AMOUNT AND TYPE OF CABLE/WIRE (SUPPLY AND INSTALLATION BY DELDOT FORCES) COMMUNICATION CABLES)
58	1	4.0 IN	590 FT**	T

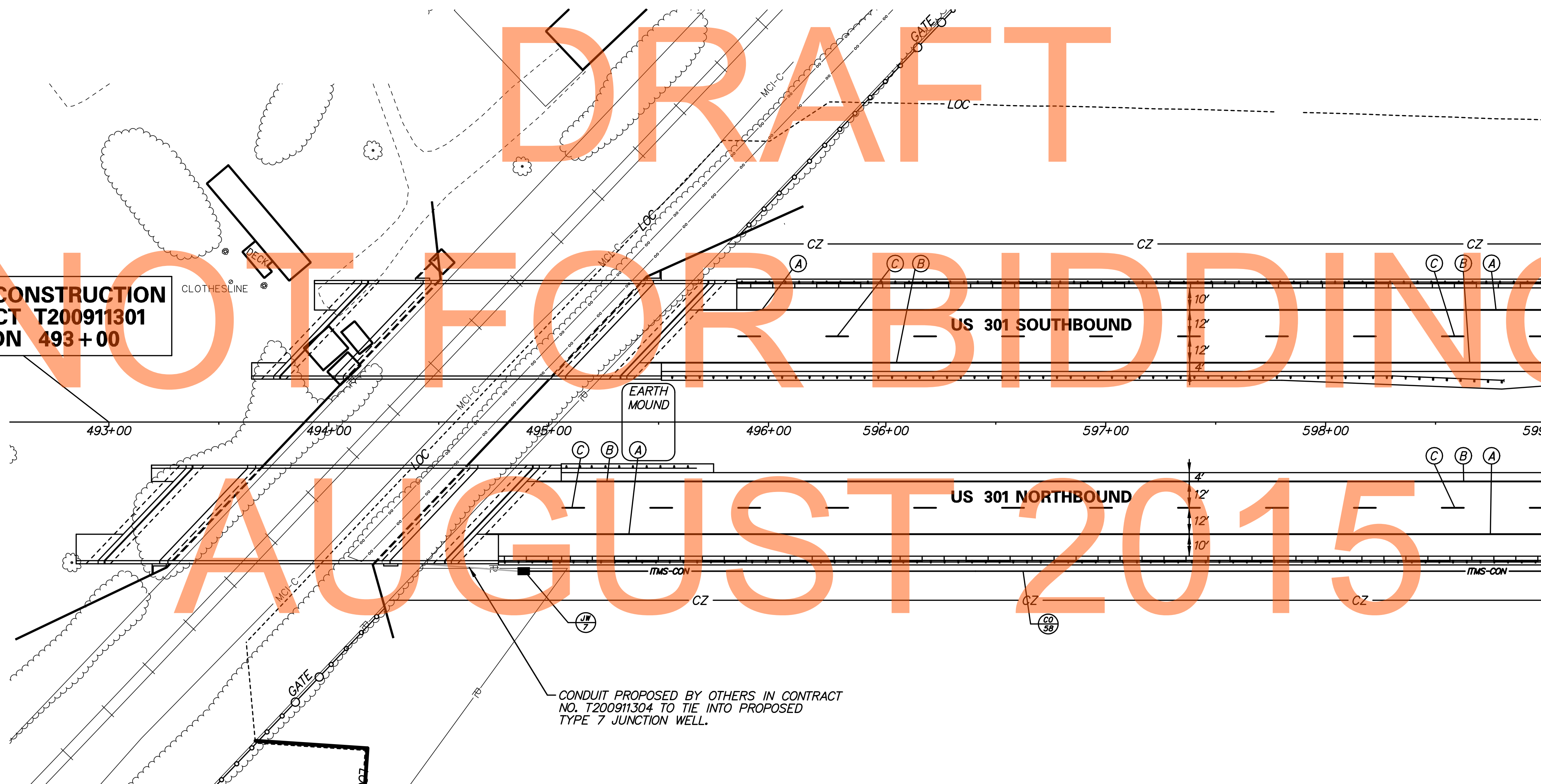
*DENOTES CONDUIT INSTALLED BY DELDOT FORCES B = BORE, T = TRENCH, O = OPEN CUT
 **QUANTITY CONTINUES ON ADJACENT SHEET

- NOTES:**
1. INSTALL PLOWABLE RAISED PAVEMENT MARKERS ALONG THE LIMITS OF THE PROPOSED PAVEMENT STRIPING AS PER CHAPTER 3B OF THE DELDOT MUTCD, AS APPLICABLE.
 2. INSTALL POST MOUNTED AND/OR ROADSIDE BARRIER MOUNTED DELINEATORS ALONG THE LIMITS OF THE PROPOSED CONSTRUCTION AS PER CHAPTER 3F OF THE DELDOT MUTCD.

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	ITEM	QUANTITY
A	8" SOLID WHITE CONTRAST EPOXY RESIN PAINT, 3" BLACK, 5" WHITE	ITEM 748557	870 LF
		ITEM 748548	870 LF
B	5" SOLID YELLOW EPOXY RESIN PAINT (ITEM 748548)		870 LF
C	8" BROKEN WHITE RETROREFLECTIVE PREFORMED PATTERNED CONTRAST PAVEMENT STRIPING, 10' LINE & 30' GAP, 1.5" BLACK, 5" WHITE, 1.5" BLACK (ITEM 748566)		215 LF

SIGNING LEGEND	
1	REMOVE EXISTING SIGN
2	EXISTING SIGN TO REMAIN
3	PLACE NEW SIGN
4	RENEW EXISTING SIGN
5	REPOSITION EXISTING SIGN

**LIMIT OF CONSTRUCTION
 CONTRACT T200911301
 STATION 493+00**



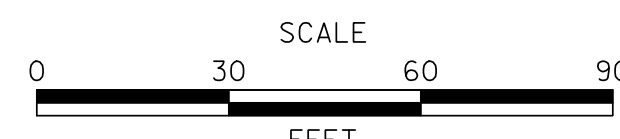
CONDUIT PROPOSED BY OTHERS IN CONTRACT NO. T200911304 TO TIE INTO PROPOSED TYPE 7 JUNCTION WELL.

MATCH LINE STA. 599+00 - SEE DWG. SS-02

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ADDENDUMS / REVISIONS	



**US 301,
 NORFOLK SOUTHERN RR TO SR 896**

CONTRACT T200911301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C. CHECKED BY: J.M.M.

**SIGNING, STRIPING &
 CONDUIT PLAN**

SS-01
SHEET NO. 226
TOTAL SHTS. 240

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	ITEM	QUANTITY
A	8" SOLID WHITE CONTRAST EPOXY RESIN PAINT, 3" BLACK, 5" WHITE	ITEM 748557	1800 LF
		ITEM 748548	1800 LF
B	5" SOLID YELLOW EPOXY RESIN PAINT (ITEM 748548)		1800 LF
C	8" BROKEN WHITE RETROREFLECTIVE PREFORMED PATTERNED CONTRAST PAVEMENT STRIPING, 10' LINE & 30' GAP, 1.5" BLACK, 5" WHITE, 1.5" BLACK (ITEM 748566)		450 LF

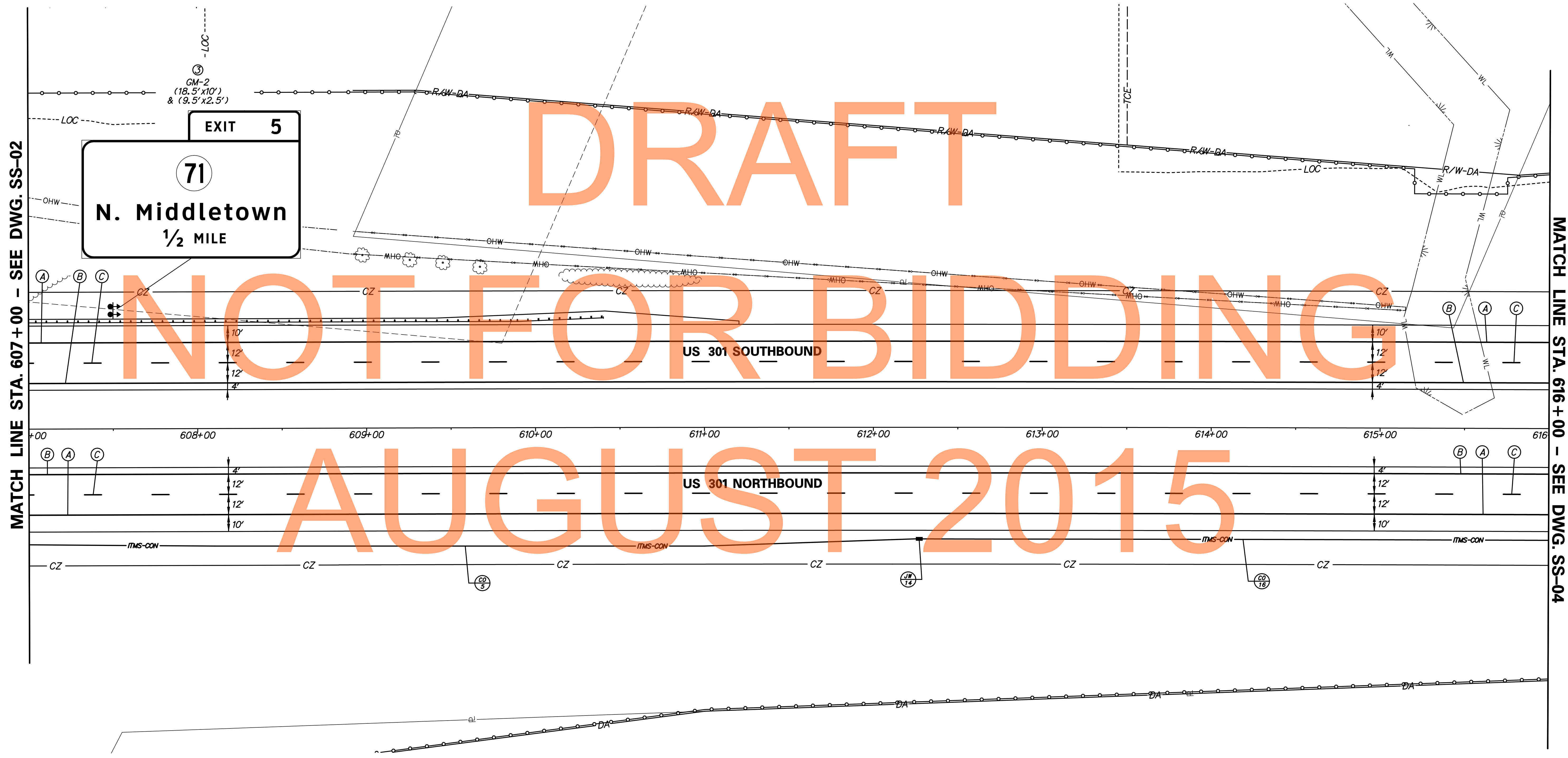
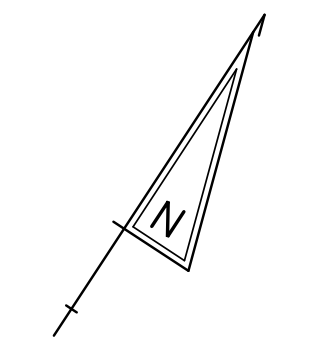
ITMS LEGEND	
ITMS-CON	PROPOSED MULTIDUCT ITMS CONDUIT
EX-ITS	EXISTING ITMS CONDUIT
■ ■ ■	ITMS CONDUIT JUNCTION WELL
(JW X)	JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
(CO X)	CONDUIT RUN IDENTIFIER (# OF RUN) (EXISTING AND PROPOSED)

SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

ITMS CONDUIT RUN SCHEDULE					
CO#	# OF CONDUITS	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/WIRE (SUPPLY AND INSTALLATION BY DELDOT FORCES)
5	1	4.0 IN	600 FT**	T	COMMUNICATION CABLES
16	1	4.0 IN	600 FT**	T	COMMUNICATION CABLES

*DENOTES CONDUIT INSTALLED BY DELDOT FORCES B = BORE, T = TRENCH, O = OPEN CUT
 **QUANTITY CONTINUES ON ADJACENT SHEET

- NOTES:
- INSTALL PLOWABLE RAISED PAVEMENT MARKERS ALONG THE LIMITS OF THE PROPOSED PAVEMENT STRIPING AS PER CHAPTER 3B OF THE DELDOT MUTCD, AS APPLICABLE.
 - INSTALL POST MOUNTED AND/OR ROADSIDE BARRIER MOUNTED DELINEATORS ALONG THE LIMITS OF THE PROPOSED CONSTRUCTION AS PER CHAPTER 3F OF THE DELDOT MUTCD.



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NOT FOR BIDDING

AUGUST 2015

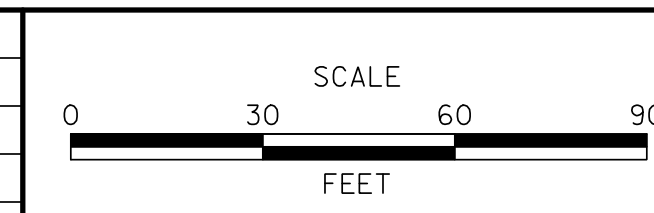
MATCH LINE STA. 607+00 - SEE DWG. SS-02

MATCH LINE STA. 616+00 - SEE DWG. SS-04

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ADDENDUMS / REVISIONS	



**US 301,
NORFOLK SOUTHERN RR TO SR 896**

CONTRACT T200911301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C. CHECKED BY: J.M.M.

**SIGNING, STRIPING &
CONDUIT PLAN**

SS-03
SHEET NO. 228
TOTAL SHTS. 240

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	ITEM	QUANTITY
A	8" SOLID WHITE CONTRAST EPOXY RESIN PAINT, 3" BLACK, 5" WHITE	ITEM 748557	1600 LF
		ITEM 748548	1600 LF
B	5" SOLID YELLOW EPOXY RESIN PAINT (ITEM 748548)		1600 LF
C	8" BROKEN WHITE RETROREFLECTIVE PREFORMED CONTRAST PAVEMENT STRIPING, 10' LINE & 30' GAP, 1.5" BLACK, 5" WHITE, 1.5" BLACK (ITEM 748566)		400 LF

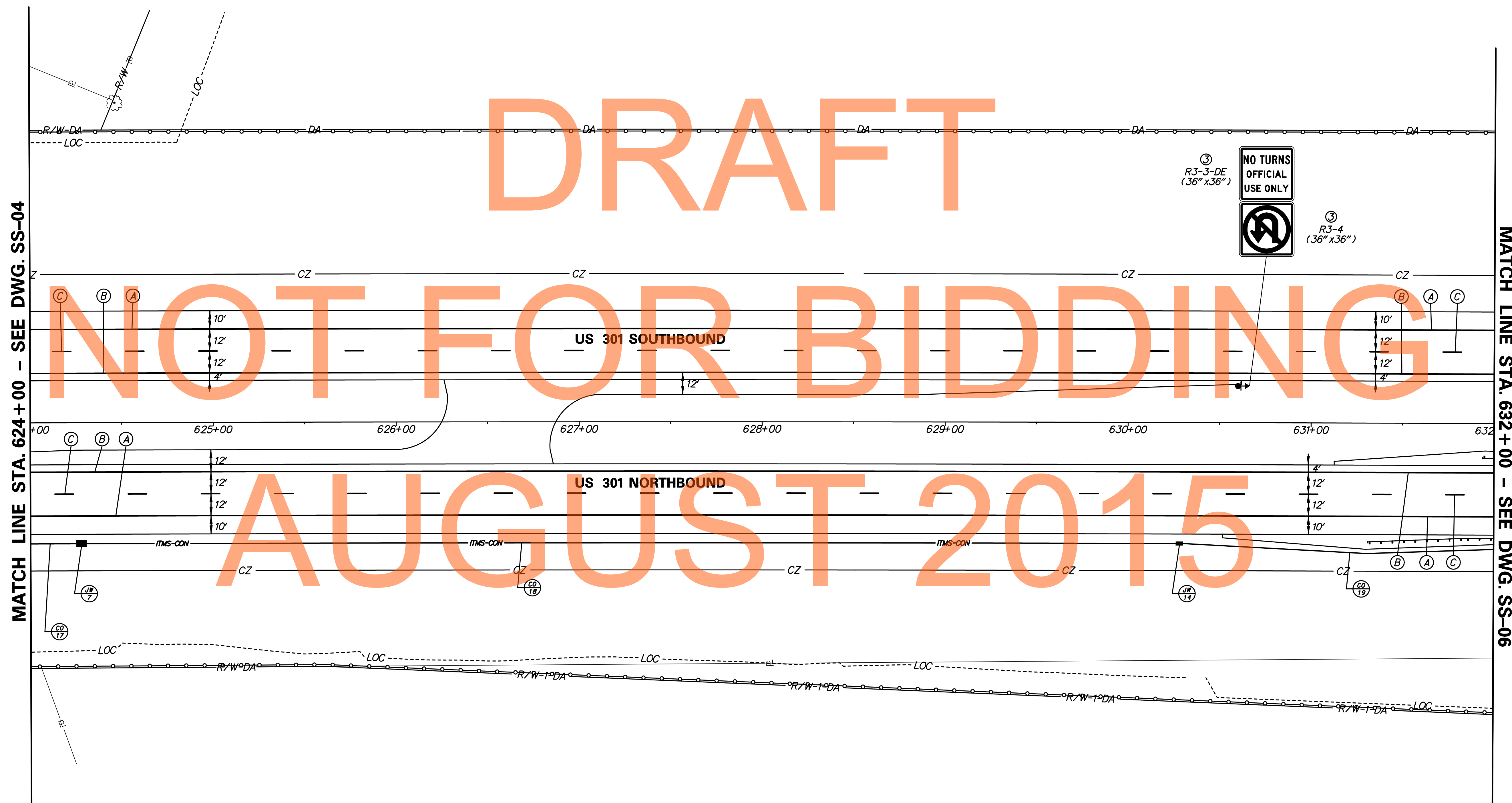
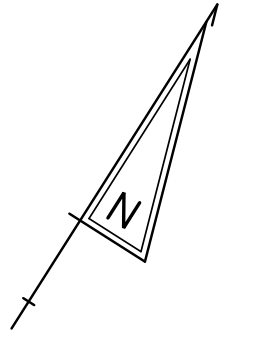
ITMS LEGEND	
ITMS-CON	PROPOSED MULTIDUCT ITMS CONDUIT
EX-ITS	EXISTING ITMS CONDUIT
■ ■ ■	ITMS CONDUIT JUNCTION WELL
JW 7	JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
CO 17	CONDUIT RUN IDENTIFIER (# OF RUN) (EXISTING AND PROPOSED)

SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

ITMS CONDUIT RUN SCHEDULE					
CO#	# OF CONDUITS	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/WIRE (SUPPLY AND INSTALLATION BY DELDOT FORCES)
17	1	4.0 IN	600 FT**	T	COMMUNICATION CABLES
18	1	4.0 IN	600 FT	T	COMMUNICATION CABLES
19	1	4.0 IN	570 FT**	T	COMMUNICATION CABLES

*DENOTES CONDUIT INSTALLED BY DELDOT FORCES B = BORE, T = TRENCH, O = OPEN CUT
 **QUANTITY CONTINUES ON ADJACENT SHEET

- NOTES:
 1. INSTALL PLOWABLE RAISED PAVEMENT MARKERS ALONG THE LIMITS OF THE PROPOSED PAVEMENT STRIPING AS PER CHAPTER 3B OF THE DELDOT MUTCD, AS APPLICABLE.
 2. INSTALL POST MOUNTED AND/OR ROADSIDE BARRIER MOUNTED DELINEATORS ALONG THE LIMITS OF THE PROPOSED CONSTRUCTION AS PER CHAPTER 3F OF THE DELDOT MUTCD.



MATCH LINE STA. 624+00 - SEE DWG. SS-04

MATCH LINE STA. 632+00 - SEE DWG. SS-06

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ADDENDUMS / REVISIONS	



US 301,
 NORFOLK SOUTHERN RR TO SR 896

CONTRACT T200911301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C.
	CHECKED BY: J.M.M.

SIGNING, STRIPING &
 CONDUIT PLAN

SS-05
SHEET NO. 230
TOTAL SHTS. 240

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	ITEM	QUANTITY
A	8" SOLID WHITE CONTRAST EPOXY RESIN PAINT, 3" BLACK, 5" WHITE	ITEM 748557	1600 LF
		ITEM 748548	1600 LF
B	5" SOLID YELLOW EPOXY RESIN PAINT (ITEM 748548)		1600 LF
C	8" BROKEN WHITE RETROREFLECTIVE PREFORMED PATTERNED CONTRAST PAVEMENT STRIPING, 10' LINE & 30' GAP, 1.5" BLACK, 5" WHITE, 1.5" BLACK (ITEM 748566)		400 LF

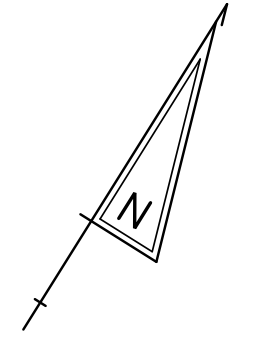
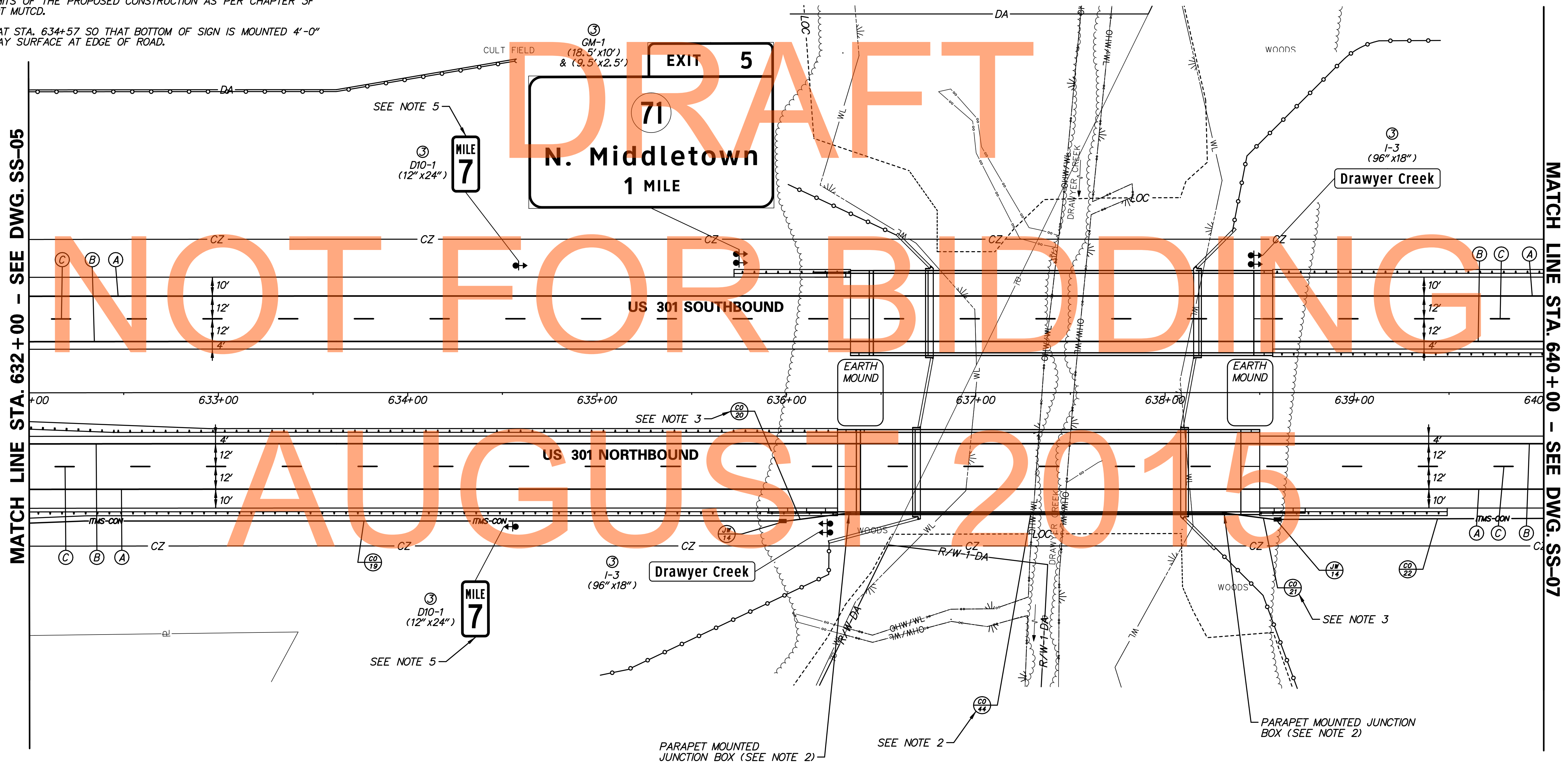
ITMS LEGEND	
ITMS-CON	PROPOSED MULTIDUCT ITMS CONDUIT
EX-ITS	EXISTING ITMS CONDUIT
■ ■ ■	ITMS CONDUIT JUNCTION WELL
JW X	JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
CO X	CONDUIT RUN IDENTIFIER (# OF RUN) (EXISTING AND PROPOSED)

SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

ITMS CONDUIT RUN SCHEDULE					
CO#	# OF CONDUITS	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/WIRE (SUPPLY AND INSTALLATION BY DELDOT FORCES)
19	1	4.0 IN	570 FT**	T	COMMUNICATION CABLES
20	1	4.0 IN	32 FT	T	COMMUNICATION CABLES
21	1	4.0 IN	26 FT	T	COMMUNICATION CABLES
22	1	4.0 IN	245 FT**	T	COMMUNICATION CABLES
44	1	4.0 IN	200 FT	-	COMMUNICATION CABLES

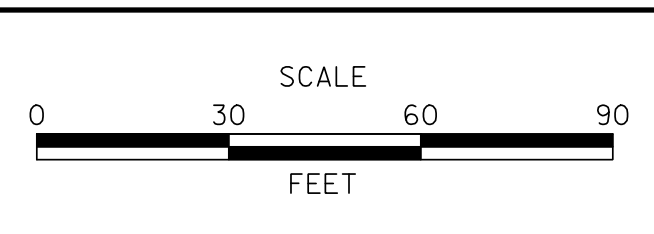
*DENOTES CONDUIT INSTALLED BY DELDOT FORCES B = BORE, T = TRENCH, O = OPEN CUT
 **QUANTITY CONTINUES ON ADJACENT SHEET

- NOTES:**
- INSTALL PLOWABLE RAISED PAVEMENT MARKERS ALONG THE LIMITS OF THE PROPOSED PAVEMENT STRIPING AS PER CHAPTER 3B OF THE DELDOT MUTCD, AS APPLICABLE.
 - REFER TO BRIDGE 1-467 PLANS FOR DETAILS OF INSTALLATION OF CONDUIT AND JUNCTION BOXES WITHIN BRIDGE PARAPET STRUCTURE. INSTALLATION OF CONDUIT WITHIN STRUCTURE WILL NOT BE MEASURED AND PAID FOR SEPARATELY BUT WILL BE INCIDENTAL TO ITEM 745604 - FURNISH AND INSTALL UP TO 4" SCHEDULE 80 PVC CONDUIT (TRENCH). FURNISHING AND INSTALLING JUNCTION BOXES WITHIN STRUCTURE TO BE PAID FOR UNDER ITEM 746596 - JUNCTION BOX ON STRUCTURE.
 - CONDUIT TO TIE INTO BRIDGE END POST. SEE CONDUIT TRANSITION FROM BRIDGE END DETAIL ON BRIDGE 1-467 PLANS.
 - INSTALL POST MOUNTED AND/OR ROADSIDE BARRIER MOUNTED DELINEATORS ALONG THE LIMITS OF THE PROPOSED CONSTRUCTION AS PER CHAPTER 3F OF THE DELDOT MUTCD.
 - INSTALL SIGN AT STA. 634+57 SO THAT BOTTOM OF SIGN IS MOUNTED 4'-0" ABOVE ROADWAY SURFACE AT EDGE OF ROAD.



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ADDENDUMS / REVISIONS



US 301,
NORFOLK SOUTHERN RR TO SR 896

CONTRACT T200911301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C.
	CHECKED BY: J.M.M.

SIGNING, STRIPING & CONDUIT PLAN

SS-06
SHEET NO. 231
TOTAL SHTS. 240

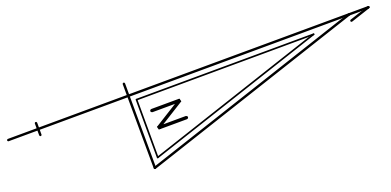
PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	ITEM	QUANTITY
A	8" SOLID WHITE CONTRAST EPOXY RESIN PAINT, 3" BLACK, 5" WHITE	ITEM 748557	1600 LF
		ITEM 748548	1600 LF
B	5" SOLID YELLOW EPOXY RESIN PAINT (ITEM 748548)		1600 LF
C	8" BROKEN WHITE RETROREFLECTIVE PREFORMED PATTERNED CONTRAST PAVEMENT STRIPING, 10' LINE & 30' GAP, 1.5" BLACK, 5" WHITE, 1.5" BLACK (ITEM 748566)		400 LF

ITMS LEGEND	
ITMS-CON	PROPOSED MULTIDUCT ITMS CONDUIT
EX-ITS	EXISTING ITMS CONDUIT
■ ■ ■	ITMS CONDUIT JUNCTION WELL
JW X	JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
CO X	CONDUIT RUN IDENTIFIER (# OF RUN) (EXISTING AND PROPOSED)

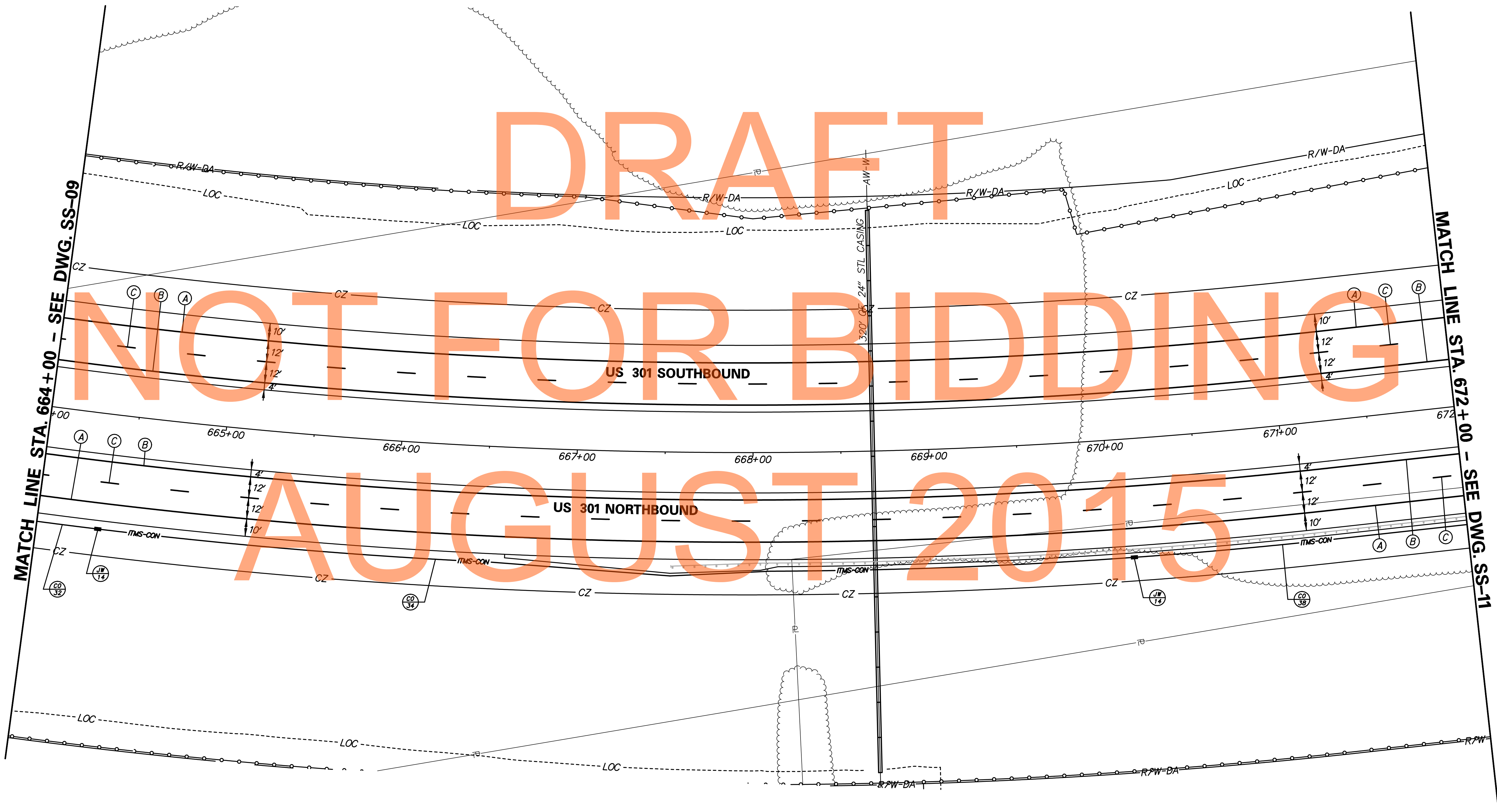
SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

ITMS CONDUIT RUN SCHEDULE					
CO#	*BF CONDUITS	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/WIRE (SUPPLY AND INSTALLATION BY DELDOT FORCES)
32	1	4.0 IN	470 FT**	T	COMMUNICATION CABLES
34	1	4.0 IN	600 FT	T	COMMUNICATION CABLES
38	1	4.0 IN	600 FT**	T	COMMUNICATION CABLES

*DENOTES CONDUIT INSTALLED BY DELDOT FORCES B = BORE, T = TRENCH, O = OPEN CUT
 **QUANTITY CONTINUES ON ADJACENT SHEET



- NOTES:
- INSTALL PLOWABLE RAISED PAVEMENT MARKERS ALONG THE LIMITS OF THE PROPOSED PAVEMENT STRIPING AS PER CHAPTER 3B OF THE DELDOT MUTCD, AS APPLICABLE.
 - INSTALL POST MOUNTED AND/OR ROADSIDE BARRIER MOUNTED DELINEATORS ALONG THE LIMITS OF THE PROPOSED CONSTRUCTION AS PER CHAPTER 3F OF THE DELDOT MUTCD.

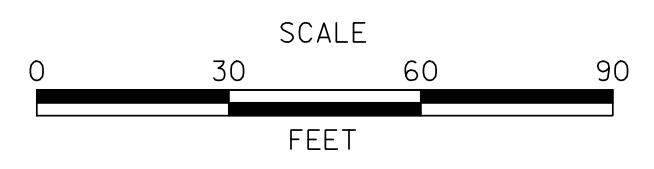


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AUGUST 2015

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ADDENDUMS / REVISIONS	



**US 301,
NORFOLK SOUTHERN RR TO SR 896**

CONTRACT T200911301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C.
	CHECKED BY: J.M.M.

**SIGNING, STRIPING &
CONDUIT PLAN**

SS-10
SHEET NO. 235
TOTAL SHTS. 240

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	ITEM	QUANTITY
A	8" SOLID WHITE CONTRAST EPOXY RESIN PAINT, 3" BLACK, 5" WHITE	ITEM 748557	1400 LF
		ITEM 748548	1400 LF
B	5" SOLID YELLOW EPOXY RESIN PAINT (ITEM 748548)		1400 LF
C	8" BROKEN WHITE RETROREFLECTIVE PREFORMED PATTERNED CONTRAST PAVEMENT STRIPING, 10' LINE & 30' GAP, 1.5" BLACK, 5" WHITE, 1.5" BLACK (ITEM 748566)		350 LF

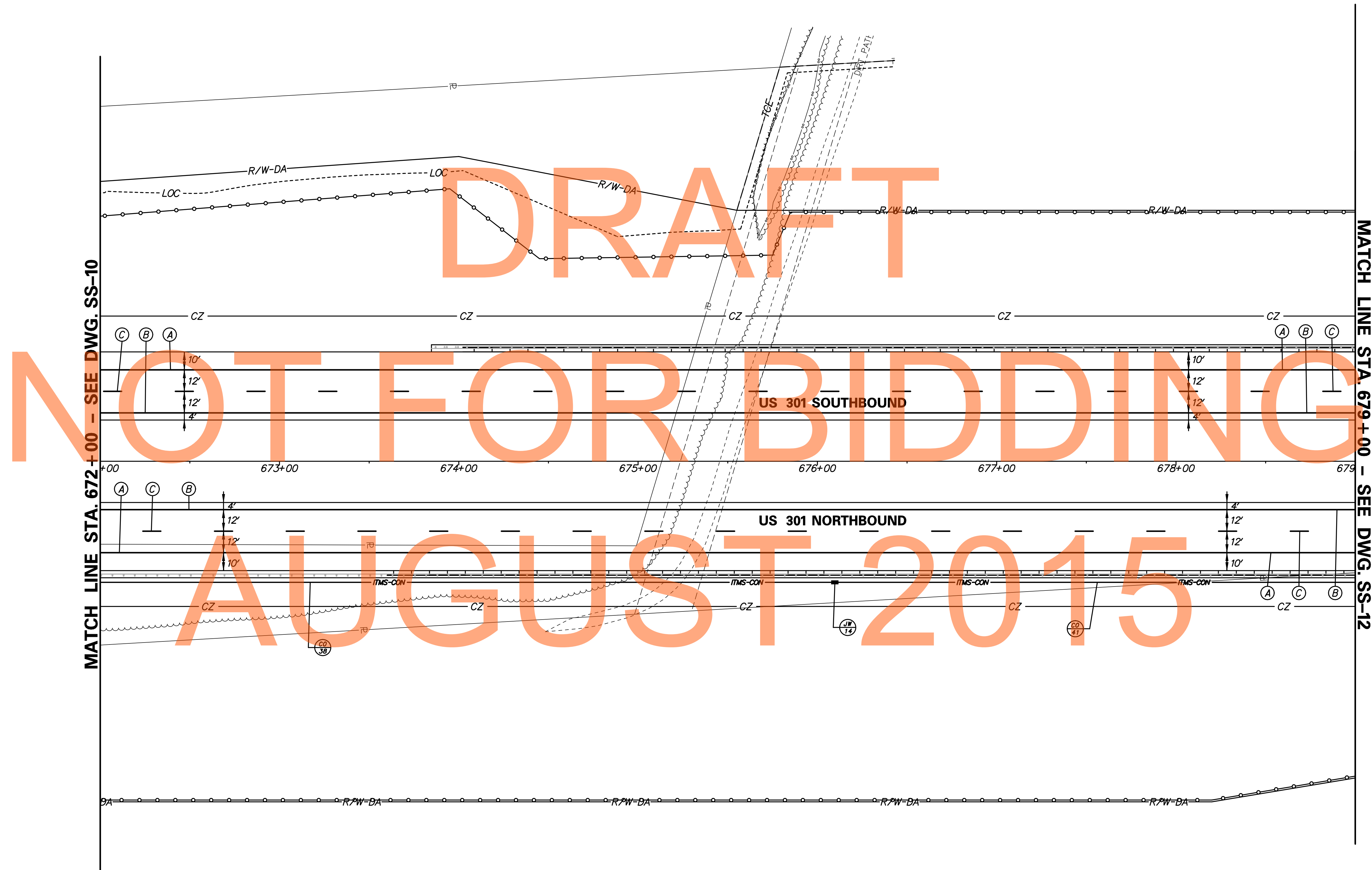
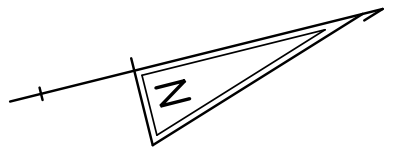
ITMS LEGEND	
	PROPOSED MULTIDUCT ITMS CONDUIT
	EXISTING ITMS CONDUIT
	ITMS CONDUIT JUNCTION WELL
	JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
	CONDUIT RUN IDENTIFIER (# OF RUN) (EXISTING AND PROPOSED)

SIGNING LEGEND	
①	REMOVE EXISTING SIGN
②	EXISTING SIGN TO REMAIN
③	PLACE NEW SIGN
④	RENEW EXISTING SIGN
⑤	REPOSITION EXISTING SIGN

ITMS CONDUIT RUN SCHEDULE					
CO#	# OF CONDUITS	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/WIRE (SUPPLY AND INSTALLATION BY DELDOT FORCES)
38	1	4.0 IN	600 FT**	T	COMMUNICATION CABLES
41	1	4.0 IN	600 FT**	T	COMMUNICATION CABLES

* DENOTES CONDUIT INSTALLED BY DELDOT FORCES B = BORE, T = TRENCH, O = OPEN CUT
 ** QUANTITY CONTINUES ON ADJACENT SHEET

- NOTES:
- INSTALL PLOWABLE RAISED PAVEMENT MARKERS ALONG THE LIMITS OF THE PROPOSED PAVEMENT STRIPING AS PER CHAPTER 3B OF THE DELDOT MUTCD, AS APPLICABLE.
 - INSTALL POST MOUNTED AND/OR ROADSIDE BARRIER MOUNTED DELINEATORS ALONG THE LIMITS OF THE PROPOSED CONSTRUCTION AS PER CHAPTER 3F OF THE DELDOT MUTCD.



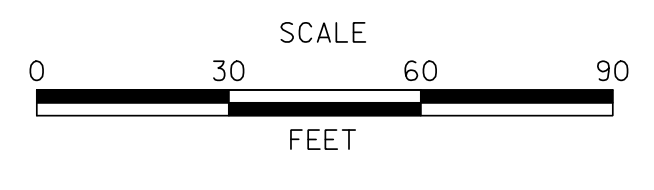
MATCH LINE STA. 672+00 - SEE DWG. SS-10

MATCH LINE STA. 679+00 - SEE DWG. SS-12

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ADDENDUMS / REVISIONS	



**US 301,
NORFOLK SOUTHERN RR TO SR 896**

CONTRACT T200911301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C.
	CHECKED BY: J.M.M.

**SIGNING, STRIPING &
CONDUIT PLAN**

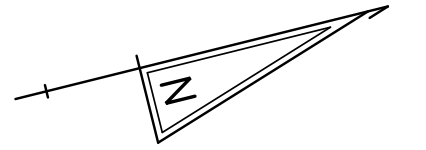
SS-11
SHEET NO. 236
TOTAL SHTS. 240

PAVEMENT MARKINGS LEGEND			
SYMBOL	ITEM	ITEM	QUANTITY
A	8" SOLID WHITE CONTRAST EPOXY RESIN PAINT, 3" BLACK, 5" WHITE	ITEM 748557	600 LF
		ITEM 748548	600 LF
B	5" SOLID YELLOW EPOXY RESIN PAINT (ITEM 748548)		600 LF
C	8" BROKEN WHITE RETROREFLECTIVE PREFORMED PATTERNED CONTRAST PAVEMENT STRIPING, 10' LINE & 30' GAP, 1.5" BLACK, 5" WHITE, 1.5" BLACK (ITEM 748566)		150 LF

ITMS LEGEND	
ITMS-CON	PROPOSED MULTIDUCT ITMS CONDUIT
EX-ITS	EXISTING ITMS CONDUIT
ITMS CONDUIT JUNCTION WELL	ITMS CONDUIT JUNCTION WELL
JW X	JUNCTION WELL IDENTIFIER (TYPE) (EXISTING AND PROPOSED)
CO X	CONDUIT RUN IDENTIFIER (# OF RUN) (EXISTING AND PROPOSED)

SIGNING LEGEND	
1	REMOVE EXISTING SIGN
2	EXISTING SIGN TO REMAIN
3	PLACE NEW SIGN
4	RENEW EXISTING SIGN
5	REPOSITION EXISTING SIGN

- NOTES:
- INSTALL PLOWABLE RAISED PAVEMENT MARKERS ALONG THE LIMITS OF THE PROPOSED PAVEMENT STRIPING AS PER CHAPTER 3B OF THE DELDOT MUTCD.
 - INSTALL POST MOUNTED AND/OR ROADSIDE BARRIER MOUNTED DELINEATORS ALONG THE LIMITS OF THE PROPOSED CONSTRUCTION AS PER CHAPTER 3F OF THE DELDOT MUTCD.
 - ALL PROPOSED FEATURES SHOWN SCREENED ON THIS PLAN ARE PROPOSED BY OTHERS IN CONTRACT NO. T200911308.



ITMS CONDUIT RUN SCHEDULE					
CO#	# OF CONDUITS	SIZE	LENGTH	B/T/O	AMOUNT AND TYPE OF CABLE/WIRE (SUPPLY AND INSTALLATION BY DELDOT FORCES) COMMUNICATION CABLES
41	1	4.0 IN	600 FT**	T	

*DENOTES CONDUIT INSTALLED BY DELDOT FORCES B = BORE, T = TRENCH, O = OPEN CUT
 **QUANTITY CONTINUES ON ADJACENT SHEET



MATCH LINE STA. 679+00 - SEE DWG. SS-11

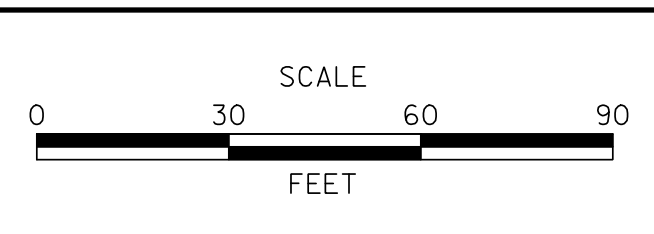
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AUGUST 2015

**LIMIT OF CONSTRUCTION
CONTRACT T200911301
STATION 687+73**

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ADDENDUMS / REVISIONS



**US 301,
NORFOLK SOUTHERN RR TO SR 896**

CONTRACT T200911301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C. CHECKED BY: J.M.M.

**SIGNING, STRIPING &
CONDUIT PLAN**

SS-12
SHEET NO. 237
TOTAL SHTS. 240

PANEL DESIGNATION	DWG. NO.	QUANTITY	LEGEND	SIZE			COLOR			BORDER		ARROW	SHIELD	REMARKS
				AREA (SF)	WIDTH	HEIGHT	LEGEND	BCKGRND	THICKNESS	RADIUS				
GM-1	SS-06	1	<p>BORDER R=6" TH=2"</p> <p>FONT: (1) ClearviewHwy-4-W (2) ClearviewHwy-5-W</p>	23.75	9'-6"	2'-6"	W	G	2"	6"	---	---	EXTRUDED ALUMINUM	
GM-2	SS-03	1	<p>BORDER R=6" TH=2"</p> <p>FONT: (1) ClearviewHwy-4-W (2) ClearviewHwy-5-W</p>	23.75	9'-6"	2'-6"	W	G	2"	6"	---	---	EXTRUDED ALUMINUM	
				185	18'-6"	10'-0"	W	G	2"	12"	---	MI-5 (36" x 36")	EXTRUDED ALUMINUM	
				185	18'-6"	10'-0"	W	G	2"	12"	---	MI-5 (36" x 36")	EXTRUDED ALUMINUM. THE OVERALL HEIGHT OF THE FRACTION SHALL BE 15". THE HEIGHT OF THE FRACTION NUMERALS SHALL BE EQUAL TO THE HEIGHT OF THE ADJACENT TEXT.	

DRAFT

NOT FOR BIDDING

AUGUST 2015

COLORS: BLK=BLACK, BLU=BLUE, BRO=BROWN, G=GREEN, R=RED, W=WHITE, Y=YELLOW, FY=FLUORESCENT YELLOW, FYG=FLUORESCENT YELLOW GREEN, PUR=PURPLE.

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ADDENDUMS / REVISIONS	

NOT TO SCALE

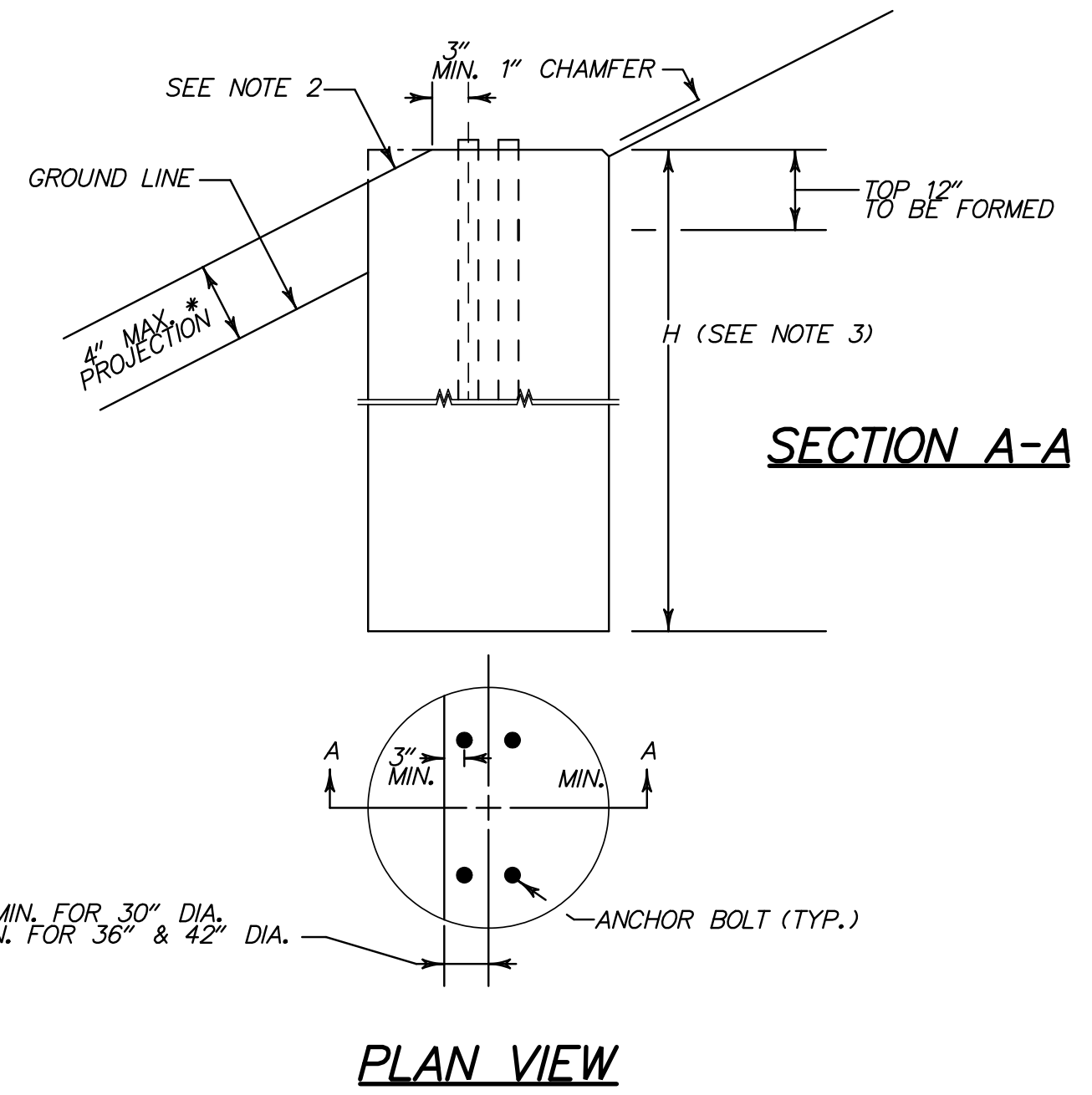
US 301,
NORFOLK SOUTHERN RR TO SR 896

CONTRACT	BRIDGE NO.
T200911301	
COUNTY	DESIGNED BY: J.D.C.
NEW CASTLE	CHECKED BY: J.M.M.

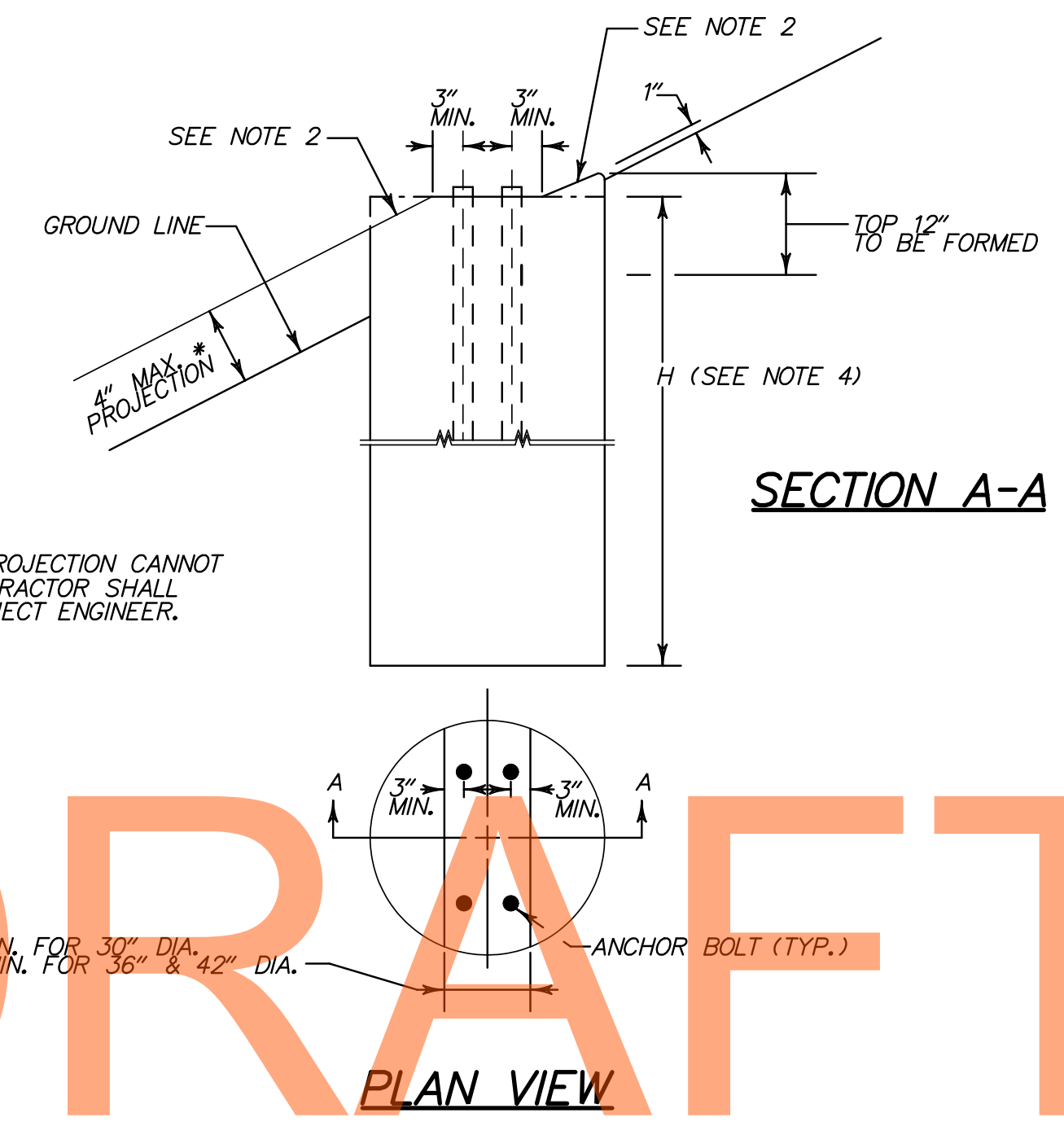
SIGNING, STRIPING & CONDUIT PLAN - GUIDE SIGN DIMENSIONS AND DETAILS

SS-13
SHEET NO.
238
TOTAL SHTS.
240

**GALVANIZED STEEL BEAM TYPE B
SIGN POST FOUNDATION DETAIL**



**GALVANIZED STEEL BEAM TYPE C
SIGN POST FOUNDATION DETAIL**



*IF 4" MAX. PROJECTION CANNOT BE MET, CONTRACTOR SHALL CONTACT PROJECT ENGINEER.

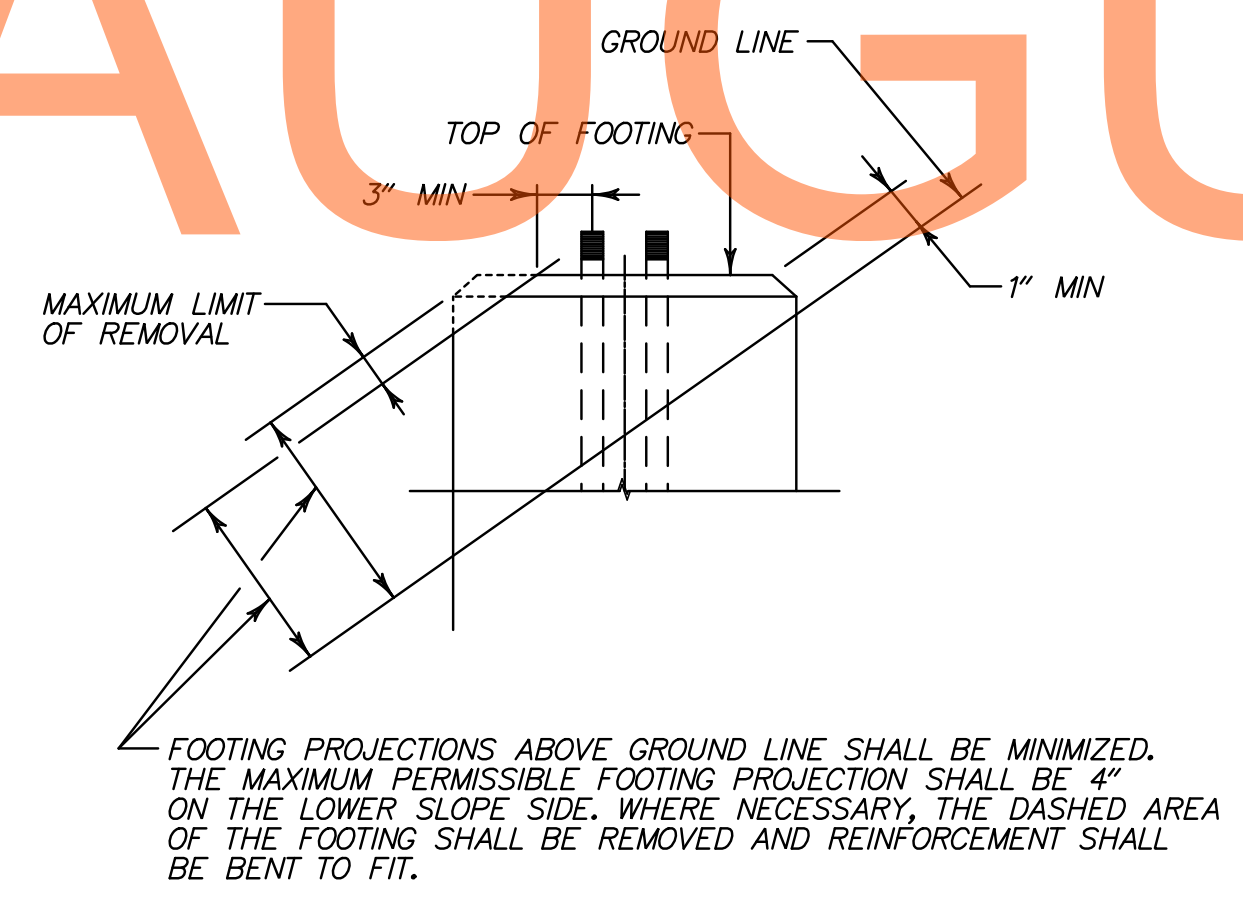
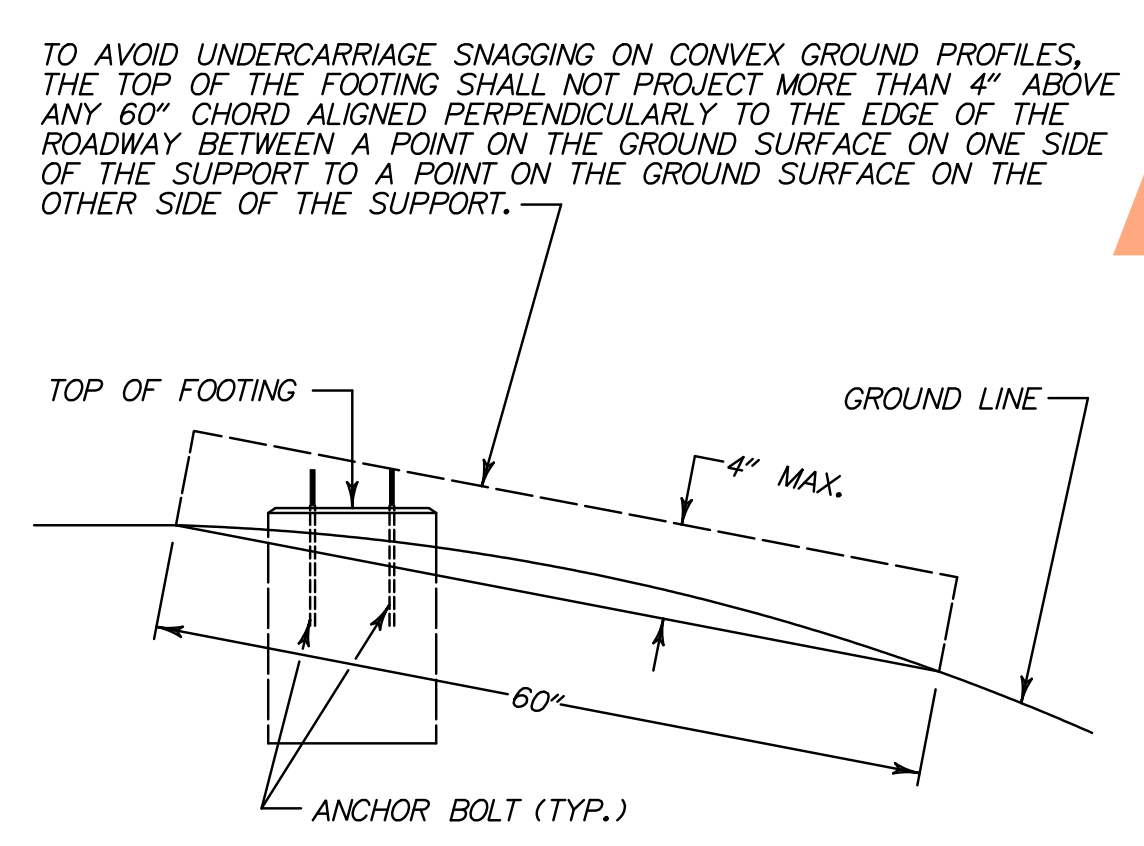
DRAFT

NOT FOR BIDDING

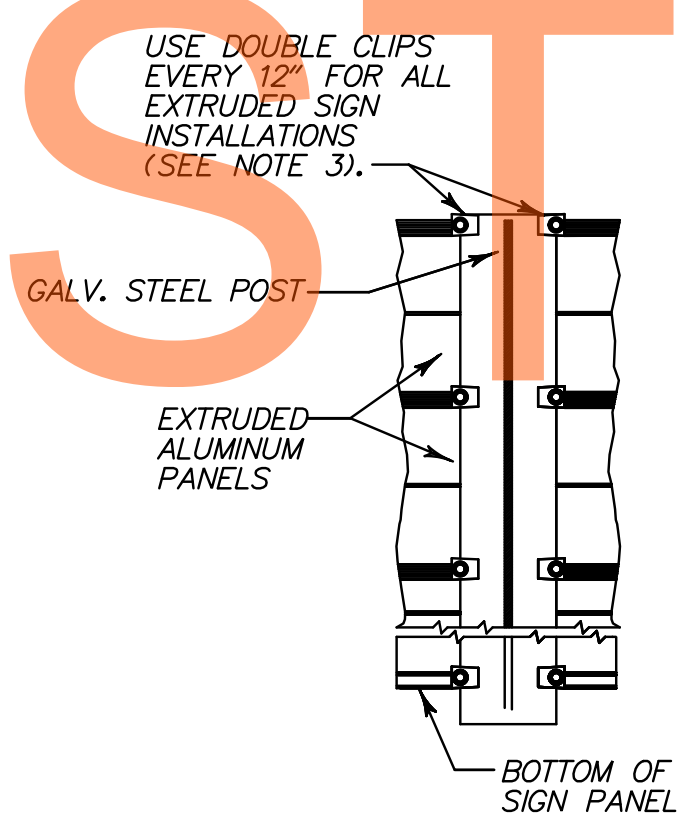
- NOTES:**
1. THIS FOUNDATION SHALL BE USED ONLY IN LOCATIONS MEETING SLOPE CRITERIA IN ACCORDANCE WITH THE STEEL BREAKAWAY SUPPORT FOUNDATION SELECTION MATRIX ON SIGNING CONSTRUCTION DETAILS SHEET.
 2. SLOPED PORTIONS OF THE FOUNDATION SHALL MATCH THE FINISHED GROUND SLOPE.
 3. REFER TO GALVANIZED STEEL BEAM TYPE A SIGN POST FOUNDATION DETAIL FOR FOUNDATION DIMENSIONS AND REINFORCING STEEL DETAILS.

- NOTES:**
1. THIS FOUNDATION SHALL BE USED ONLY IN LOCATIONS MEETING SLOPE CRITERIA IN ACCORDANCE WITH THE STEEL BREAKAWAY SUPPORT FOUNDATION SELECTION MATRIX ON THE SIGNING CONSTRUCTION DETAILS SHEET.
 2. SLOPED PORTIONS OF THE FOUNDATION SHALL MATCH THE FINISHED GROUND SLOPE.
 3. ON FILL SLOPES GREATER THAN 6:1 BUT NO STEEPER THAN 3:1, FOUNDATIONS DESIRABLY SHOULD BE INSTALLED A MINIMUM OF 14 FT BEYOND THE HINGE POINT. THE HINGE POINT IS THE POINT OF SLOPE TRANSITION FROM THE SHOULDER SLOPE, OR A RELATIVELY FLAT RECOVERY AREA ADJACENT TO THE ROADWAY, TO A STEEPER FORESLOPE, (ALSO KNOWN AS THE FORESLOPE BREAK).
 4. REFER TO GALVANIZED STEEL BEAM TYPE A SIGN POST FOUNDATION DETAIL FOR FOUNDATION DIMENSIONS AND REINFORCING STEEL DETAILS.

**BREAKAWAY POLES ADJUSTMENT
FOR GROUND SLOPES DETAIL**

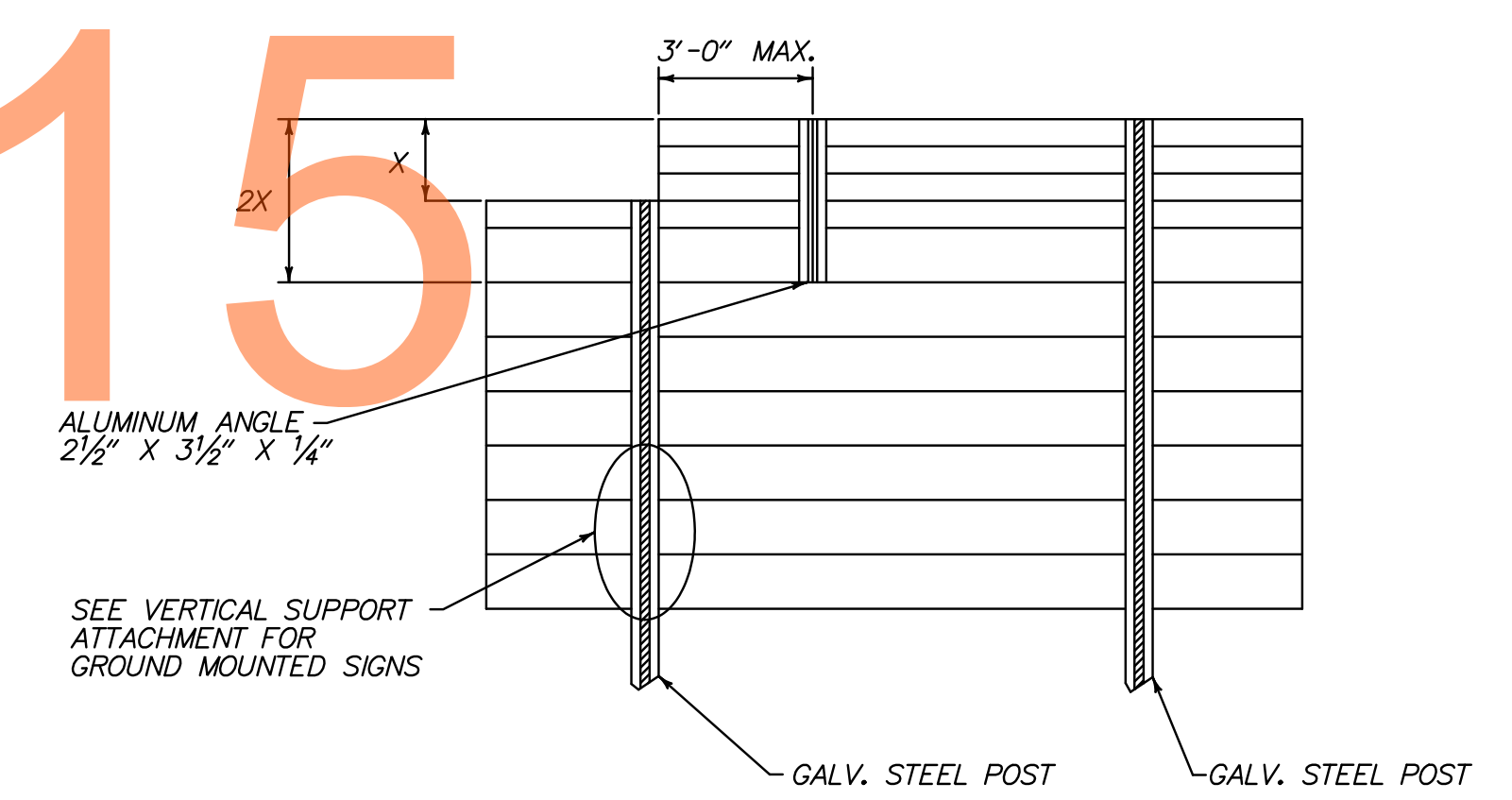


**VERTICAL SUPPORT ATTACHMENT
FOR GROUND MOUNTED SIGNS**



- NOTES:**
1. ALL STEEL SHALL BE HOT DIPPED GALVANIZED.
 2. ALL STEEL SUPPORTS SHALL CONFORM TO A 709, GRADE 36.
 3. POST CLIPS SHALL BE INSTALLED ON EACH SIDE OF SIGN SUPPORT SPACED EVERY 12" FOR ENTIRE HEIGHT OF SIGN, AS SHOWN. POST CLIPS SHALL MEET AASHTO STANDARD SPECIFICATIONS FOR STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS, LUMINAIRES AND TRAFFIC SIGNALS.

INSTALLATION OF EXIT PANEL TO EXTRUDED SIGN



- NOTES:**
1. VERTICAL SUPPORTS ARE TO BE CONTINUOUS FOR ENTIRE HEIGHT OF SIGN, INCLUDING EXIT PANEL WHERE APPLICABLE.
 2. ALL SUPPORTS (INCLUDING ANGLES) SHALL BE POST CLIPPED AT 12" INTERVALS.

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ADDENDUMS / REVISIONS	

NOT TO SCALE

**US 301,
NORFOLK SOUTHERN RR TO SR 896**

CONTRACT T200911301	BRIDGE NO.
COUNTY NEW CASTLE	DESIGNED BY: J.D.C. CHECKED BY: J.M.M.

**SIGNING
CONSTRUCTION DETAILS**

SS-15
SHEET NO. 240
TOTAL SHTS. 240