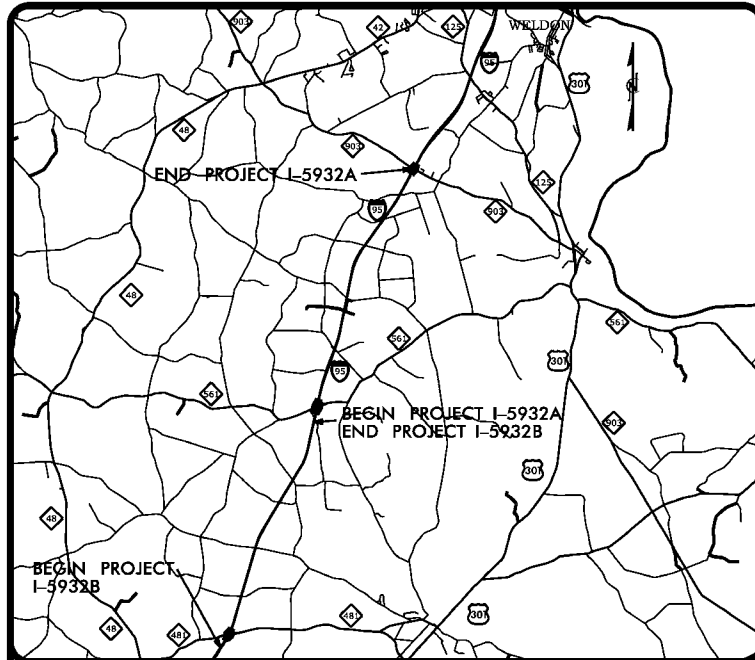


TIP PROJECT: I-5932A&B

CONTRACT: C204366



VICINITY MAP

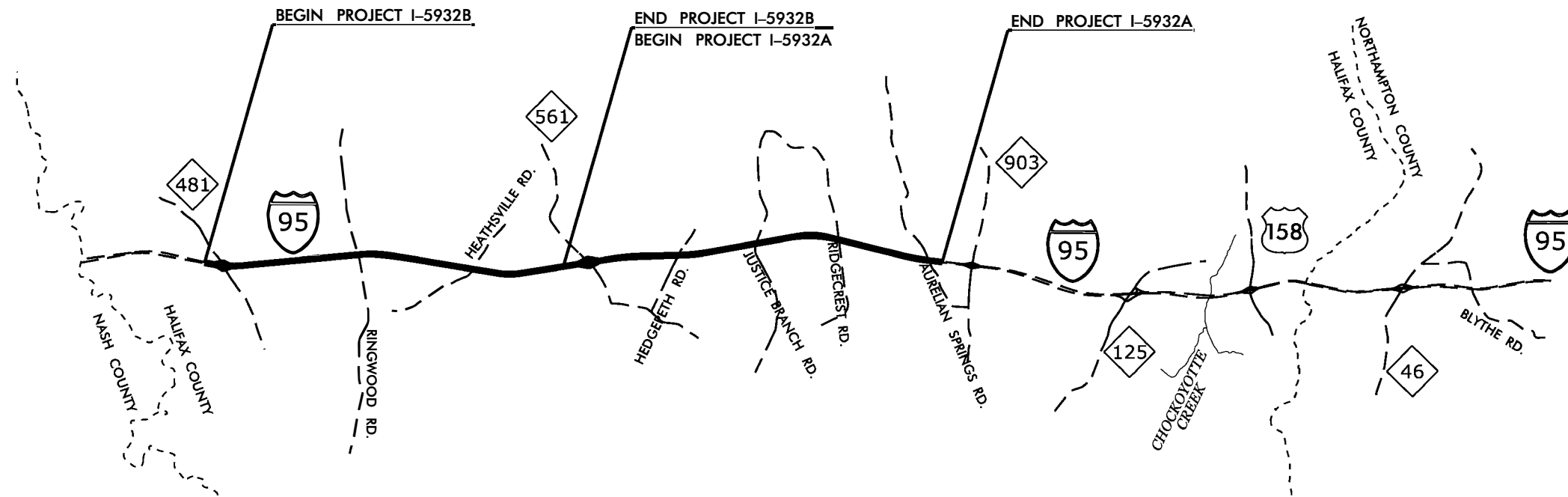
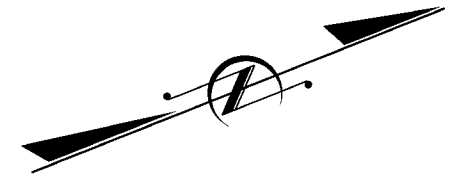
STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HALIFAX COUNTY

LOCATION: I-5932A - I-95 FROM MM 159.90 (NC 561) TO MM 167.00
I-5932B - I-95 FROM MM 153.20 (NC 148) TO MM 159.90 (NC 561)

TYPE OF WORK: PAVEMENT REHABILITATION & DRAINAGE

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.	TOTAL SHEETS
N.C.	I-5932A&B	1	
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION	
45873.1.2	NHPIM-0095(060)	PE I-5932A	
45873.3.2	NHPIM-0095(060)	CONST I-5932A	
45873.1.3	NHPIM-0095(061)	PE I-5932B	
45873.3.3	NHPIM-0095(061)	CONST I-5932B	



DESIGN DATA
ADT 2017 = 48,000
V = 70 MPH
FUNC CLASS = INTERSTATE

PROJECT LENGTH
LENGTH ROADWAY TIP PROJECT I-5932A SBL = 7.10 MI
LENGTH ROADWAY TIP PROJECT I-5932A NBL = 7.10 MI
LENGTH ROADWAY TIP PROJECT I-5932B SBL = 6.70 MI
LENGTH ROADWAY TIP PROJECT I-5932B NBL = 6.70 MI

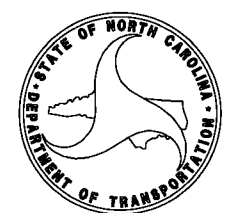
Prepared In the Office of:
DIVISION OF HIGHWAYS
Division 4 DDC
509 Ward Blvd. Wilson NC 27895
2018 STANDARD SPECIFICATIONS

RIGHT OF WAY DATE:
N/A

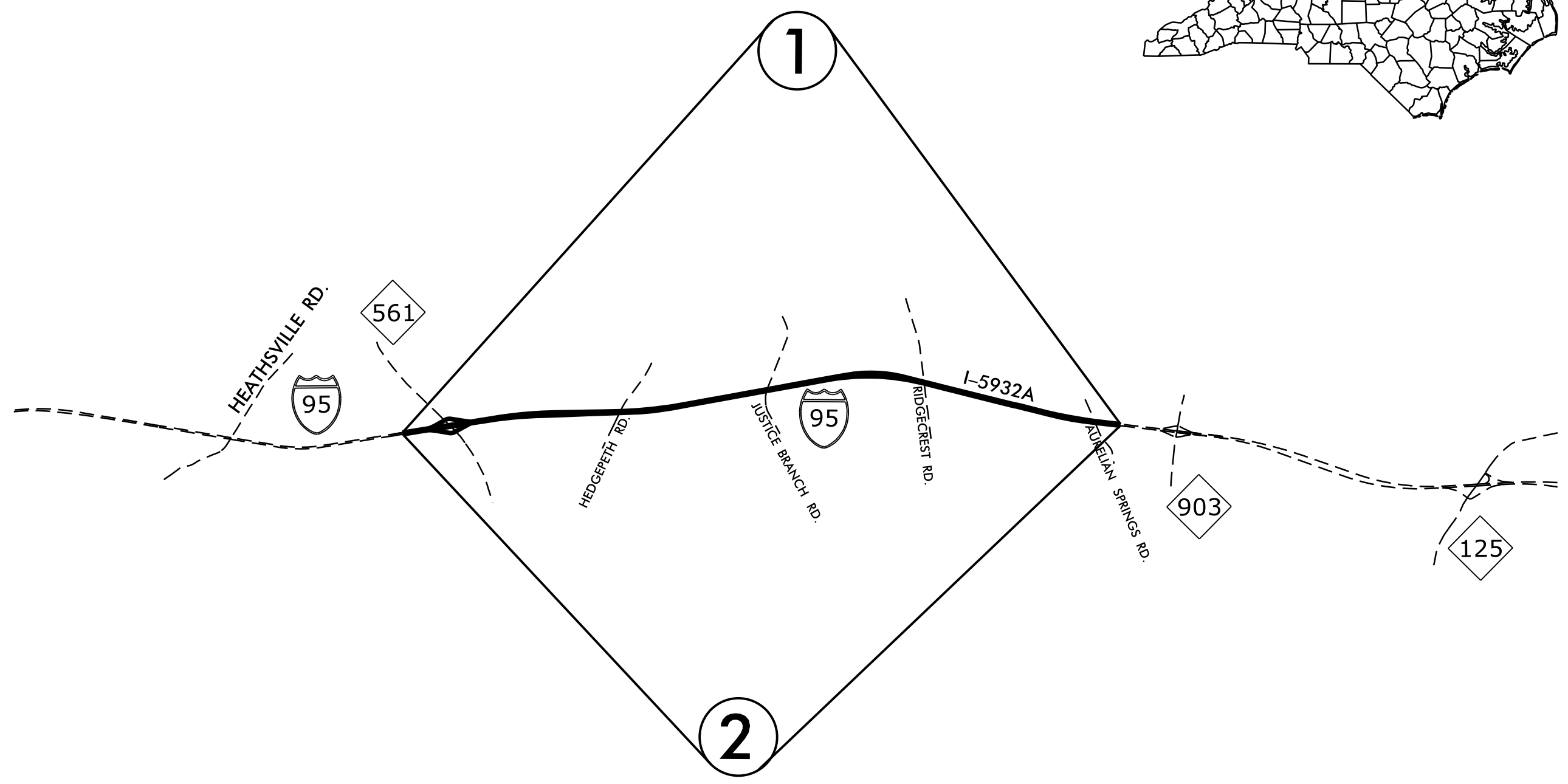
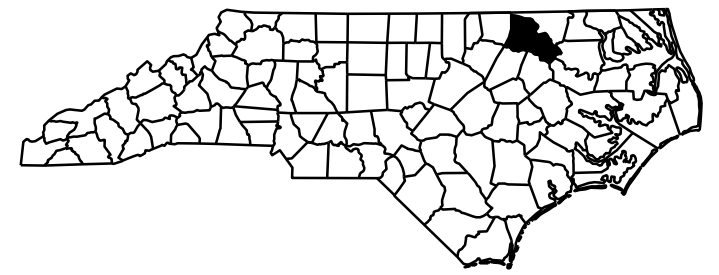
LETTING DATE:
September 21, 2021

K.G. BOWEN, PE
PROJECT ENGINEER

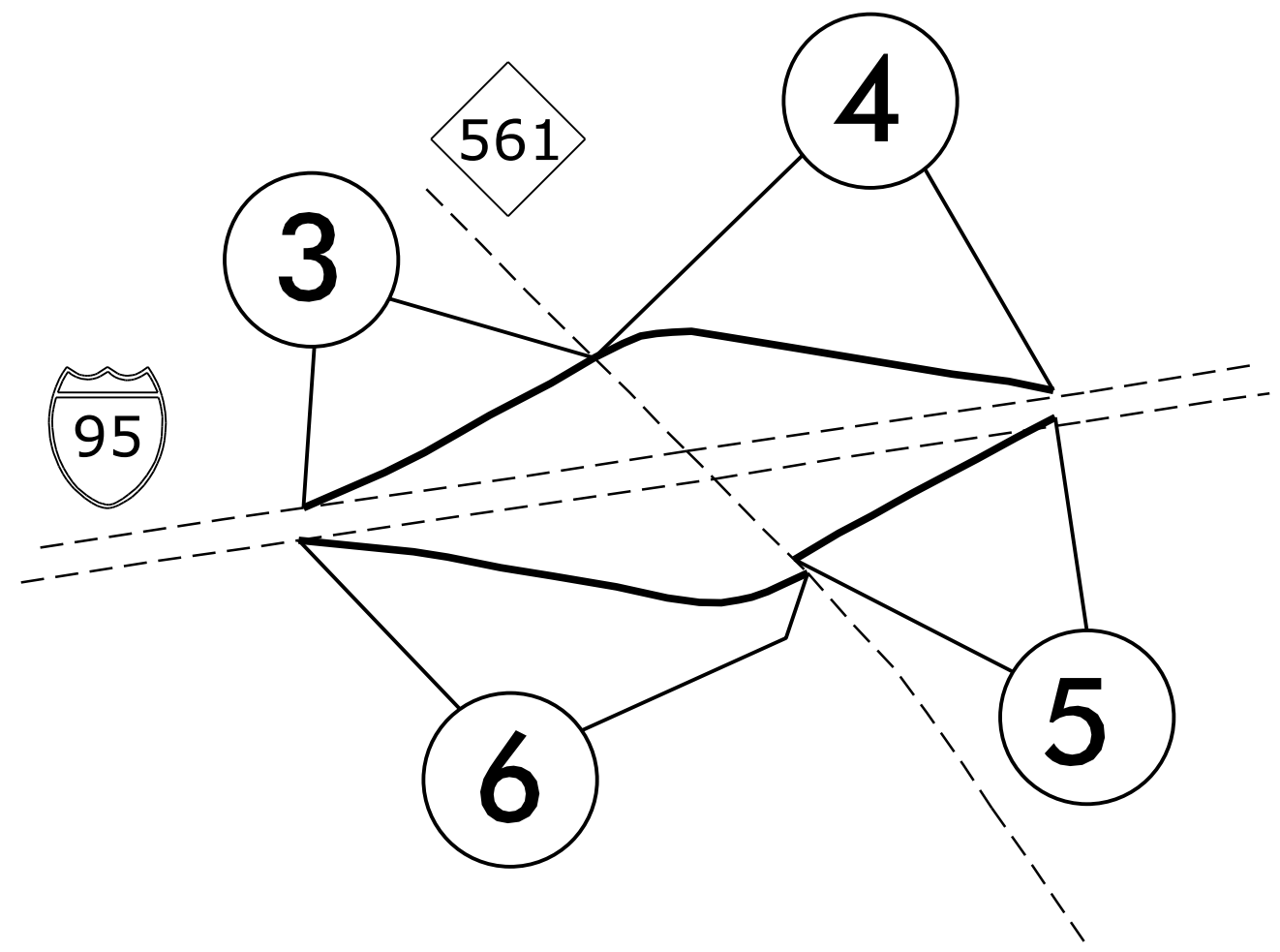
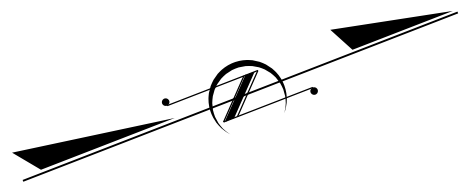
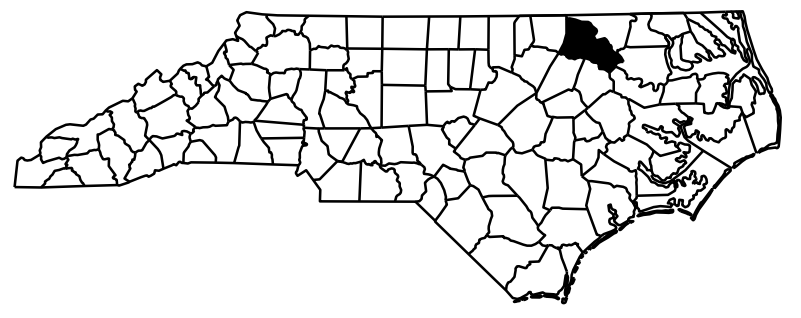
N.A. GAINEY, PE
PROJECT DESIGN ENGINEER



HALIFAX COUNTY NORTH CAROLINA



HALIFAX COUNTY NORTH CAROLINA



REVISIONS

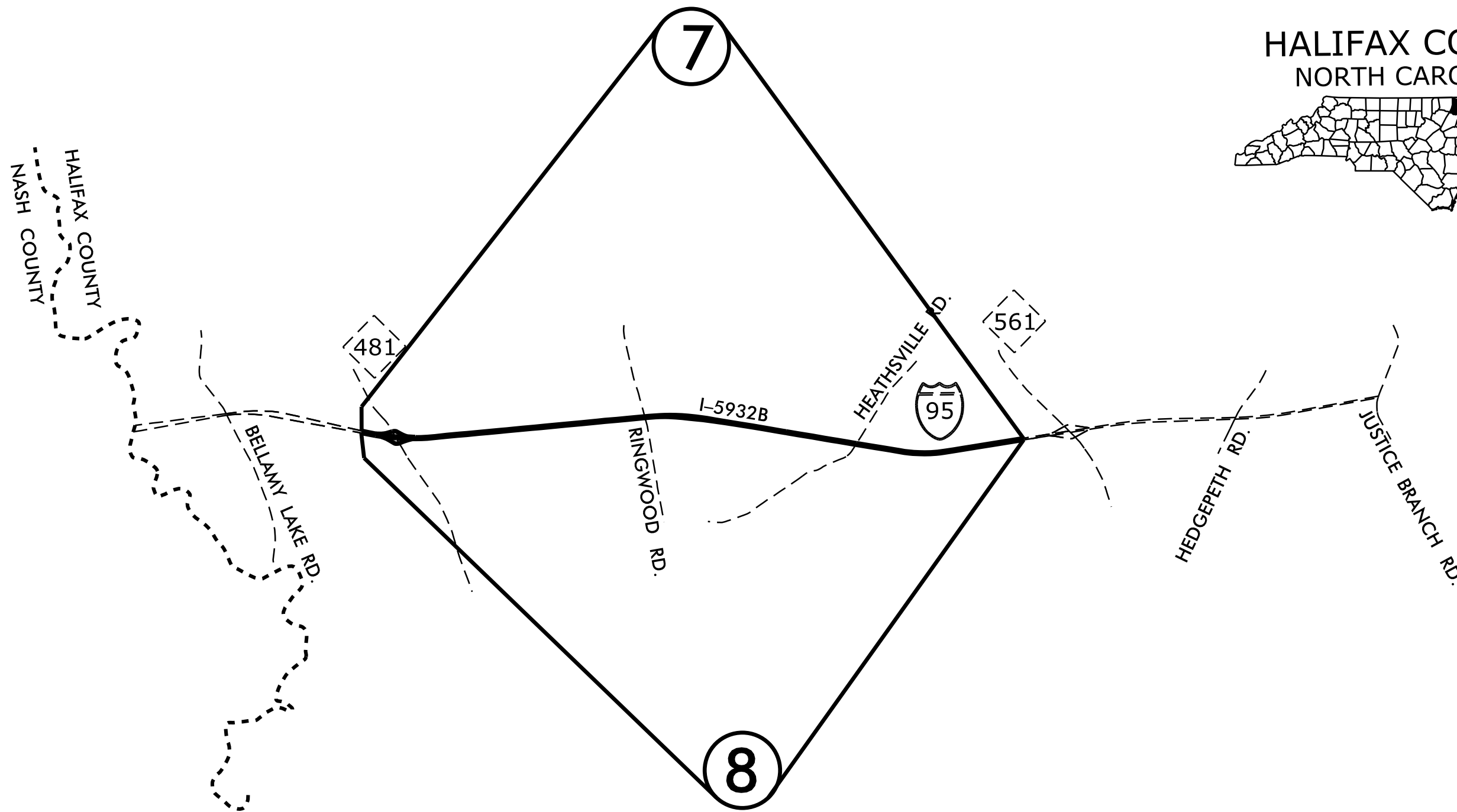
8/17/99

26-JUL-2021 09:05
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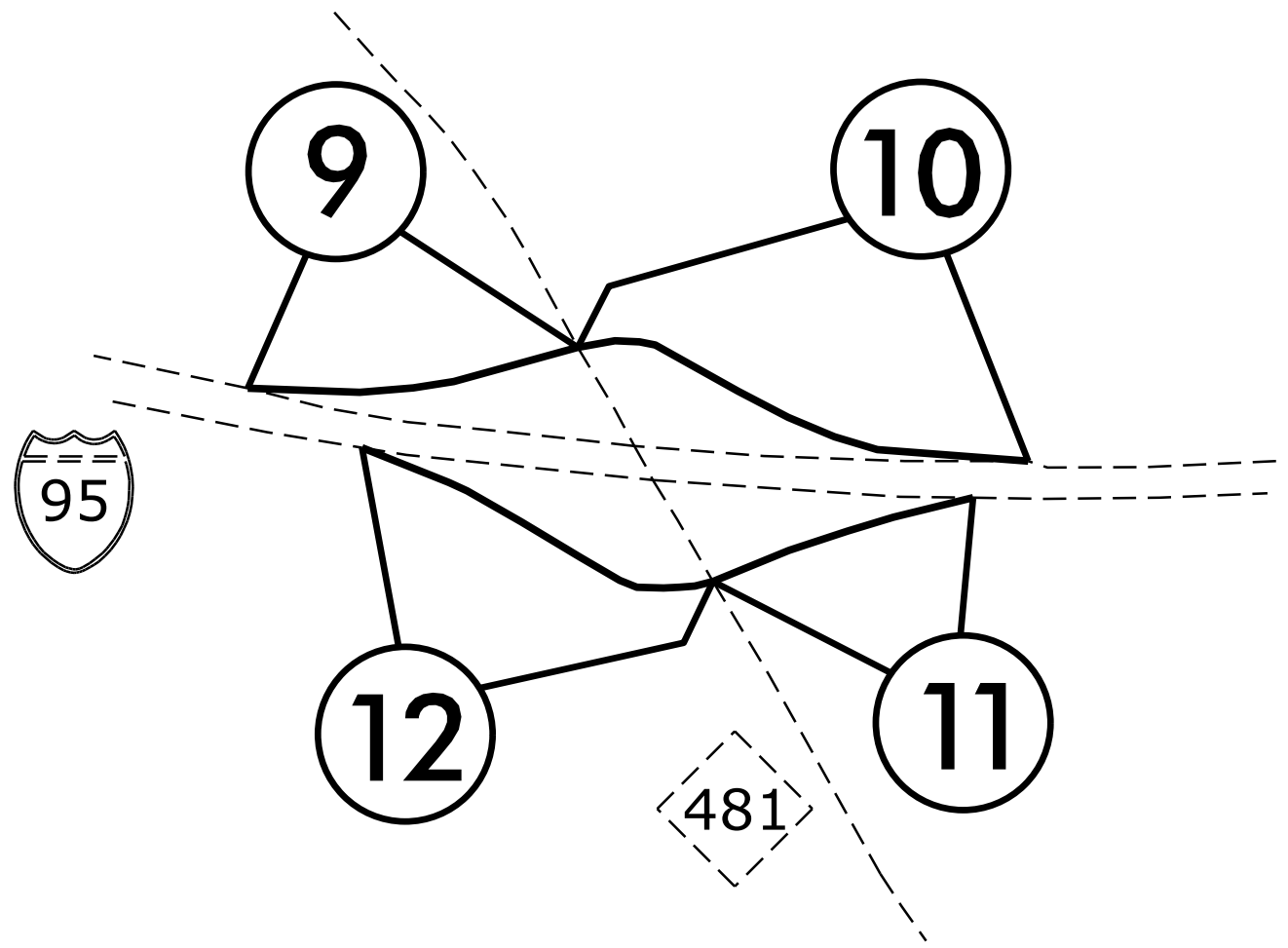
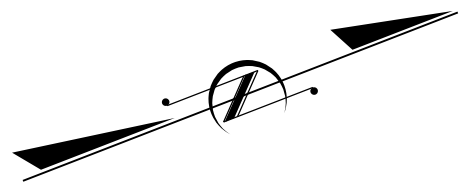
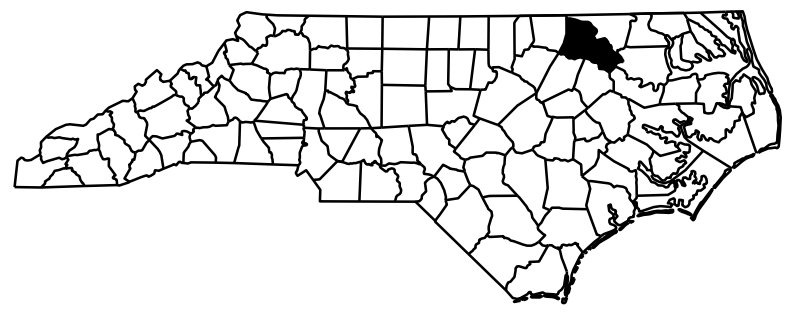
PROJECT REFERENCE NO.		SHEET NO.	
I-5932B - 45873.3.3		4	
RW SHEET NO.			
ROADWAY DESIGN ENGINEER		HYDRAULICS ENGINEER	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED			



HALIFAX COUNTY NORTH CAROLINA



HALIFAX COUNTY NORTH CAROLINA



REVISIONS

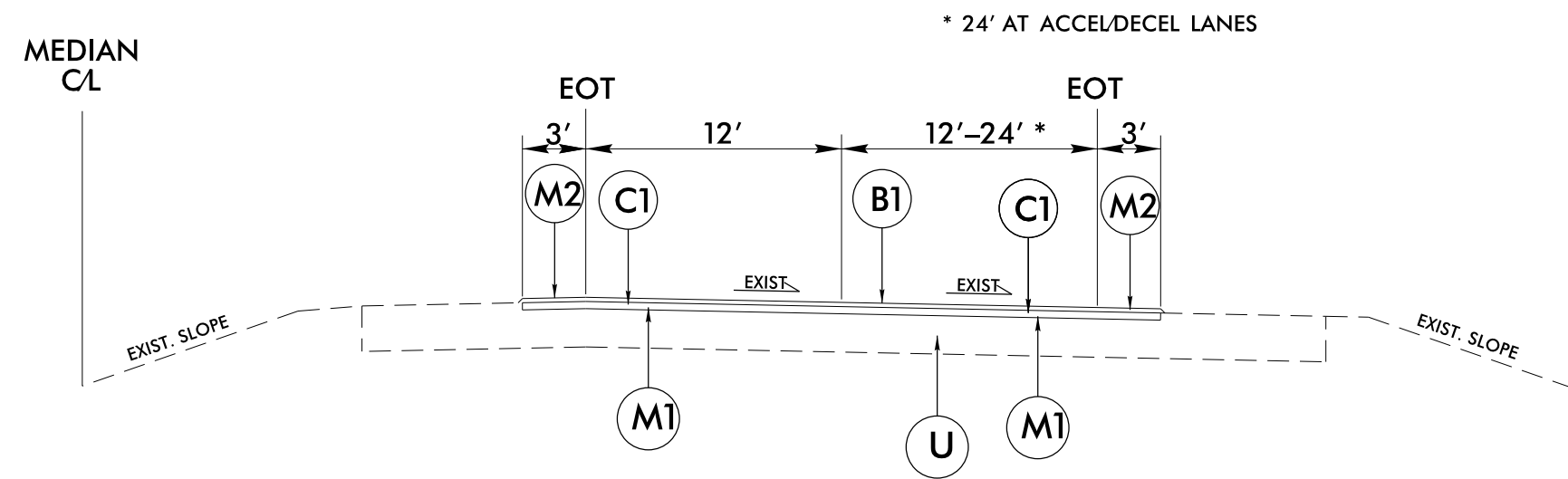
8/17/99

26-JUL-2021 09:20
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USER:JUSIFENAMIE

PAVEMENT SCHEDULE

B1	PROP. OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MOD., AT AN AVERAGE RATE OF 90 LBS. PER SQ. YARD
C1	PROP. APPROX. 2" ASPHALT CONC. SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YARD
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD IN EACH OF TWO LAYERS.
E1	PROP. APPROX. 5.5" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YARD PER 5.5" DEPTH
M1	MILL EXISTING ASPHALT PAVEMENT 2" IN DEPTH
M2	MILLED RUMBLE STRIPS
U	EXISTING PAVEMENT
Z	SHOULDER RECONSTRUCTION USING AGGREGATE SHOULDER BORROW AS DIRECTED BY THE ENGINEER

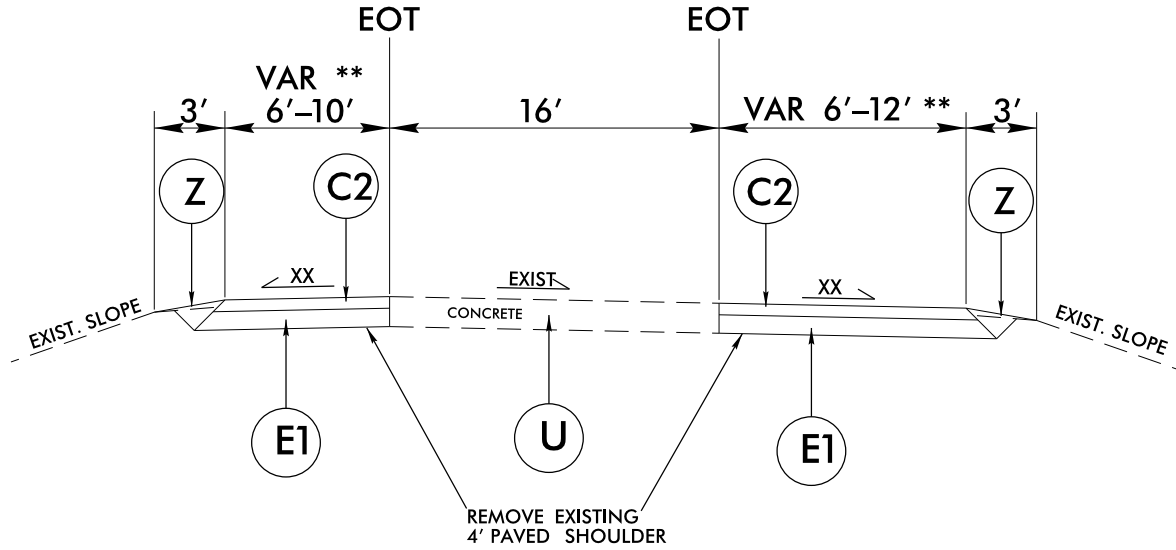
NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE. SEE SHOULDER WEDGE DETAIL



TYPICAL SECTION NO. 1
I-95 FROM MM 159.90 TO MM 167.00
MAPS 1 - 2

**PAVE SHOULDERS FOR VEHICLE PULL-OFF AREA AS DIRECTED BY ENGINEER

NOTE: 2" MILLING, S9.5D AND OGAFC EXTENDS INTO RAMP FOR APPROXIMATELY 50' - 75' ON MAPS 3, 4, 5, AND 6



TYPICAL SECTION NO. 2
MAPS 3 - 6

NOTES:

MAINLINE PAVED SHOULDER SLOPES

TAPER PAVING OPERATIONS ACROSS EXISTING PAVED SHOULDERS ACCORDING TO THE PLANS AND AS DIRECTED BY THE ENGINEER

RAMP PAVED SHOULDER SLOPES

XX 0.04 MAX. SLOPE IN TANGENT SECTIONS
0.06 MAX. ROLLOVER IN SUPERELEVATED SECTIONS

OGAFC

THE QUANTITY FOR OGAFC FC-1 MOD. IS INCLUDED TO BE USED FOR RAMP TIE-INS, GORE AREAS AND CONSTRUCTION JOINTS PER NCDOT STANDARD SPECIFICATIONS.

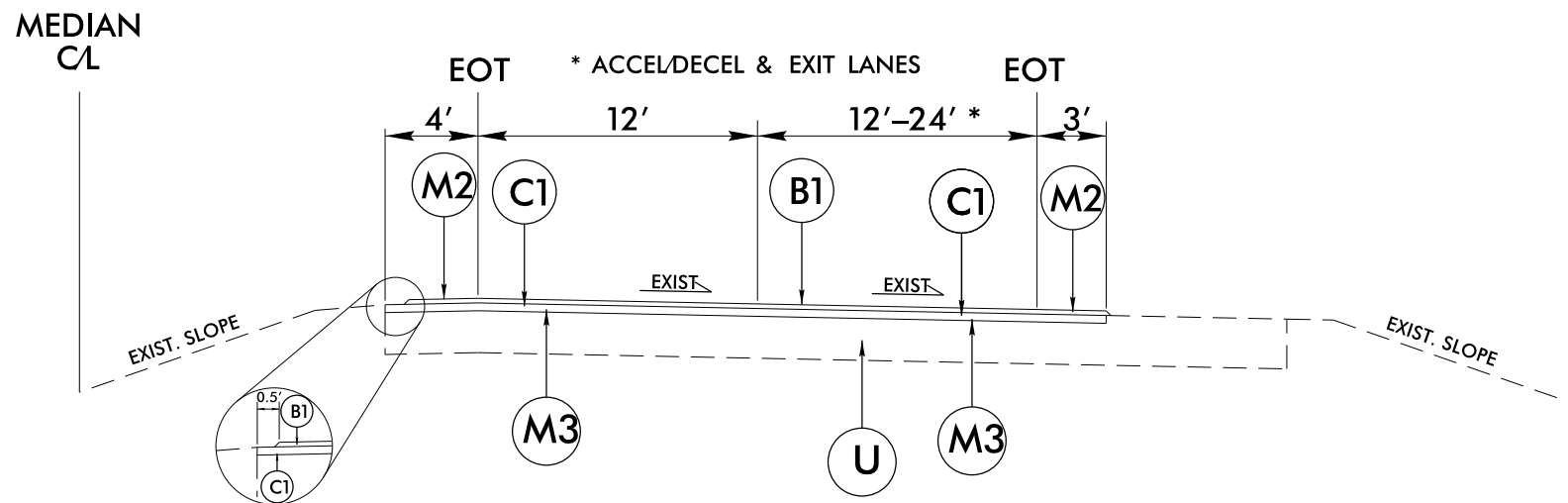
MILLING

ALL MILLED SURFACES MUST BE RESURFACED BY THE END OF EACH WORK DAY.

NOTE: LIMITS OF TYPICAL SECTIONS INDICATED ON THE SUMMARY OF QUANTITIES ARE APPROXIMATE. TYPICAL SECTION LIMITS AND TRANSITIONS TO BE VERIFIED BY THE ENGINEER IN FIELD.

5/14/99

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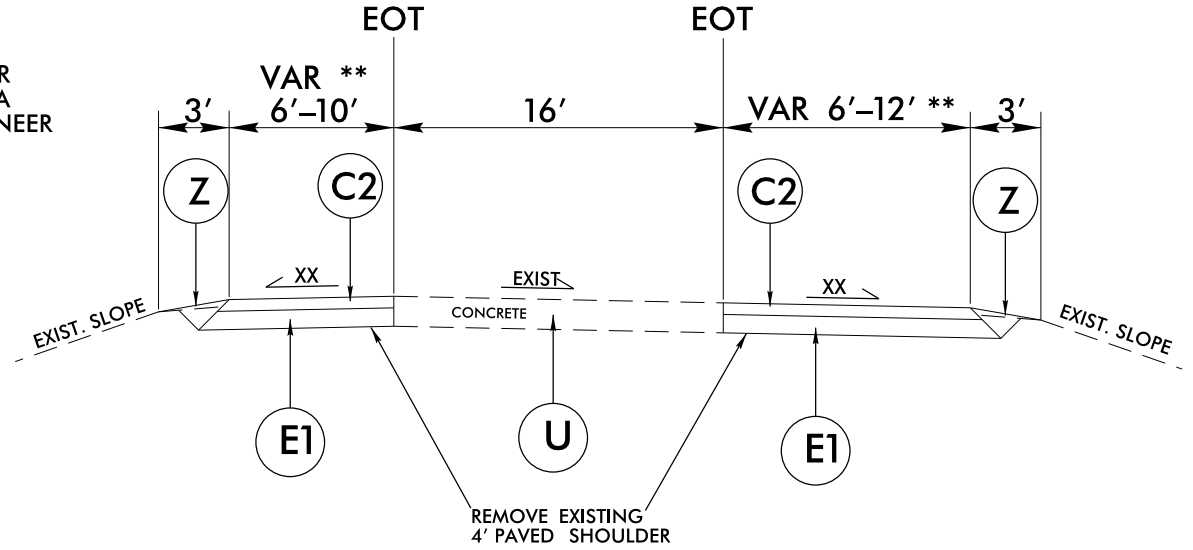
TYPICAL SECTION NO. 3
I-95 FROM MM 153.20 TO MM 159.90
MAPS 7 - 8

PAVEMENT SCHEDULE	
B1	PROP. OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MOD., AT AN AVERAGE RATE OF 90 LBS. PER SQ. YARD
C1	PROP. APPROX. 2" ASPHALT CONC. SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 224 LBS. PER SQ. YARD
C2	PROP. APPROX. 3" ASPHALT CONCRETE SURFACE COURSE, TYPE S9.5D, AT AN AVERAGE RATE OF 168 LBS. PER SQ. YARD IN EACH OF TWO LAYERS.
E1	PROP. APPROX. 5.5" ASPHALT CONC. BASE COURSE, TYPE B25.0C, AT AN AVERAGE RATE OF 627 LBS. PER SQ. YARD PER 5.5" DEPTH
M3	MILL EXISTING ASPHALT PAVEMENT 2.75" IN DEPTH (EXISTING PAVEMENT HAS 3/4" OGAFc OVERLAY)
M2	MILLED RUMBLE STRIPS
U	EXISTING PAVEMENT
Z	SHOULDER RECONSTRUCTION USING AGGREGATE SHOULDER BORROW AS DIRECTED BY THE ENGINEER

NOTE: PAVEMENT EDGE SLOPES ARE 1:1 UNLESS SHOWN OTHERWISE. SEE SHOULDER WEDGE DETAIL

NOTE: VAR. 0.75" TO 2.75" MILLING, S9.5D AND OGAFc EXTENDS INTO RAMP FOR APPROXIMATELY 50' - 75' ON MAPS 10, 11 AND 12

**PAVE SHOULDERS FOR VEHICLE PULL-OFF AREA AS DIRECTED BY ENGINEER



TYPICAL SECTION NO. 4
MAPS 9 - 12 **

NOTES:

MAINLINE PAVED SHOULDER SLOPES

TAPER PAVING OPERATIONS ACROSS EXISTING PAVED SHOULDERS ACCORDING TO THE PLANS AND AS DIRECTED BY THE ENGINEER

RAMP PAVED SHOULDER SLOPES

XX 0.04 MAX. SLOPE IN TANGENT SECTIONS
0.06 MAX. ROLLOVER IN SUPERELEVATED SECTIONS

OGAFc

THE QUANTITY FOR AGAFc FC-1 MOD. IS INCLUDED TO BE USED FOR RAMP TIE-INS, GORE AREAS AND CONSTRUCTION JOINTS PER NCDOT STANDARD SPECIFICATIONS.

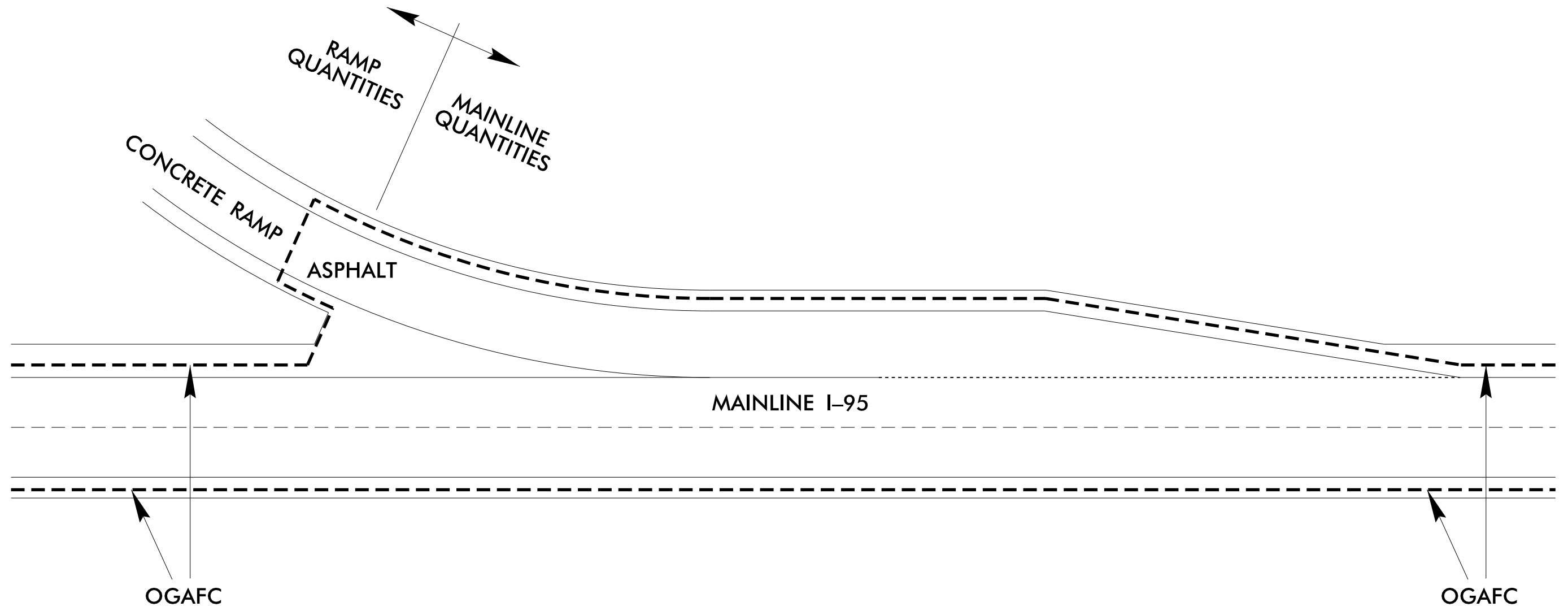
MILLING

ALL MILLED SURFACES MUST BE RESURFACED BY THE END OF EACH WORK DAY.

NOTE: LIMITS OF TYPICAL SECTIONS INDICATED ON THE SUMMARY OF QUANTITIES ARE APPROXIMATE. TYPICAL SECTION LIMITS AND TRANSITIONS TO BE VERIFIED BY THE ENGINEER IN FIELD.

5/14/99 02-AUG-2021 08:41 5932B-45873.3.3 1-5932.DDC4.TYP.dgn

PAVING LIMITS FOR OPEN-GRADED FRICTION COURSE AT EXIT AND ENTRANCE RAMPS & LOOPS



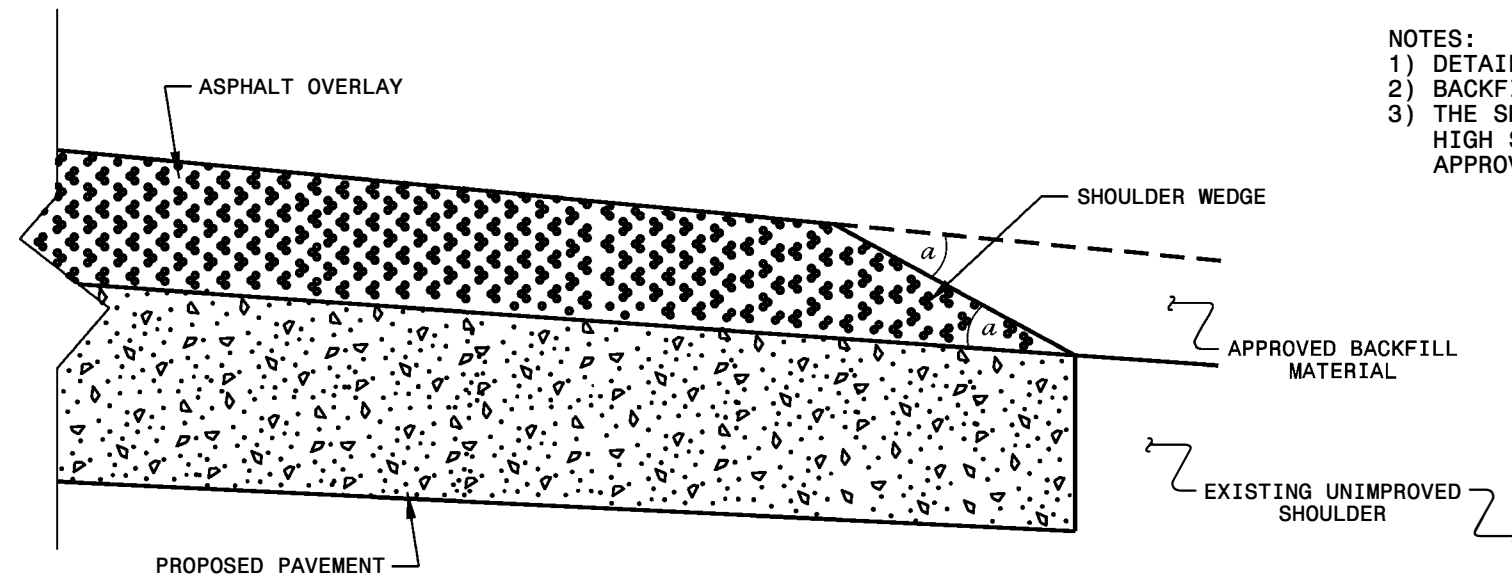
NOT TO SCALE

5/14/99

02-AUG-2021 08:41
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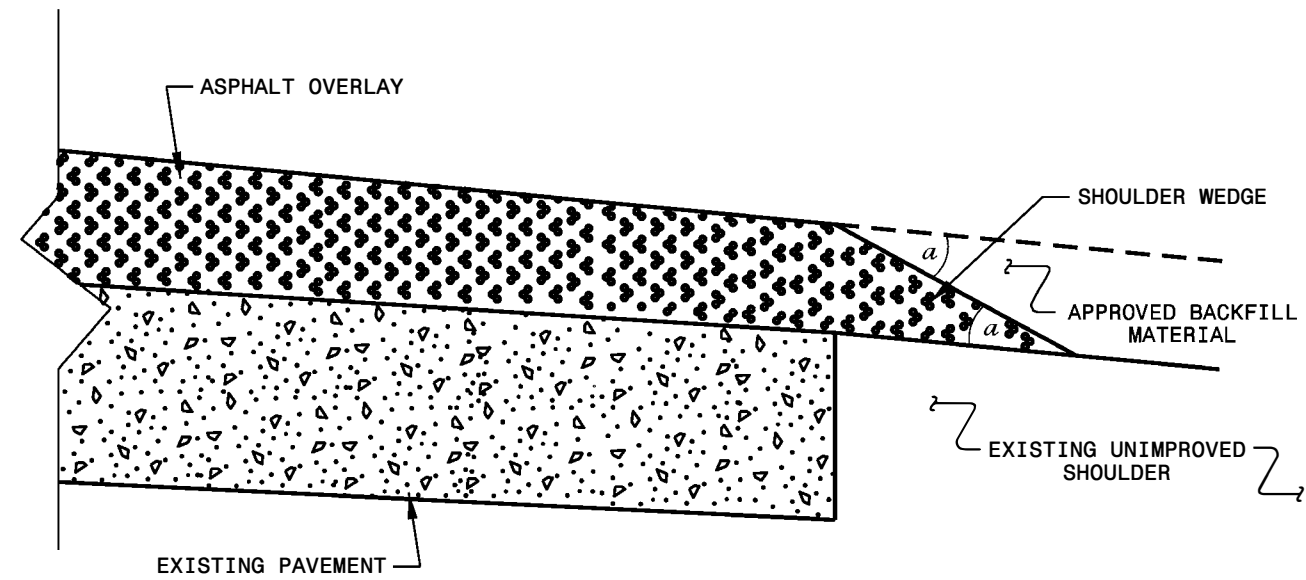
NOTES:

- 1) DETAIL DOES NOT APPLY TO OGAFB AND ULTRA-THIN BONDED WEARING COURSE.
- 2) BACKFILL SHOULDER WITH APPROVED MATERIAL.
- 3) THE SHOULDER WEDGE DEVICE MAY BE DISENGAGED AT PAVED DRIVEWAYS, SIDE STREETS, HIGH SHOULDERS, AND OTHER LOCATIONS NOT FEASIBLE TO CONSTRUCT AS APPROVED BY THE ENGINEER.



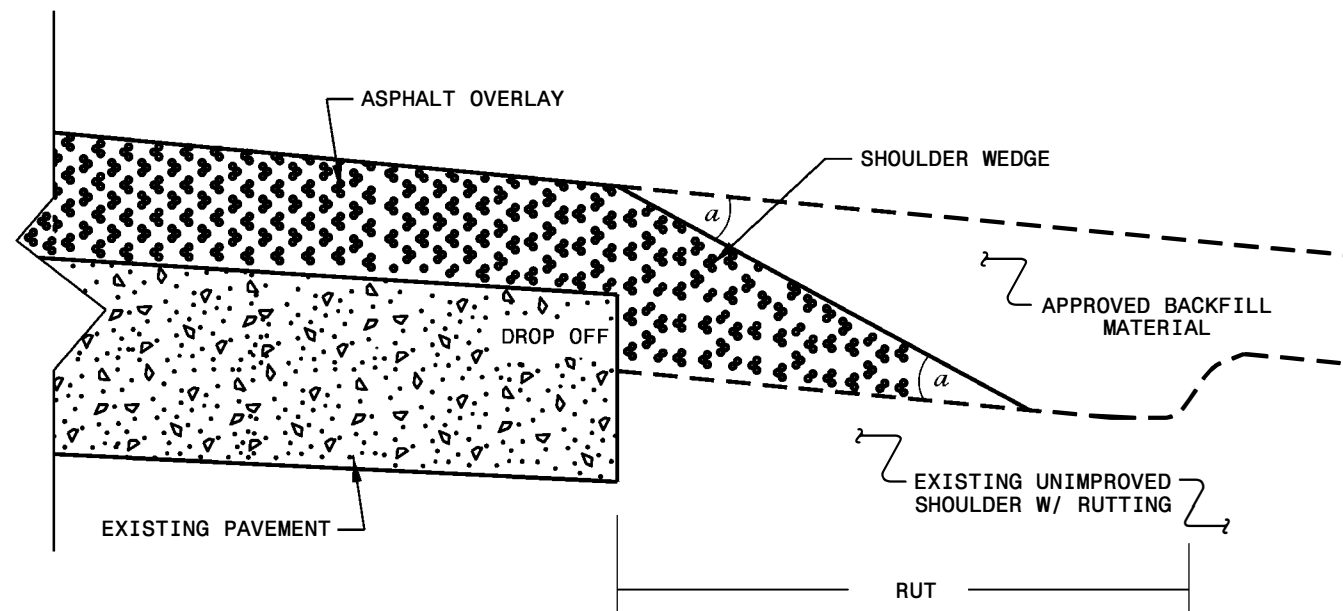
SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ Widening or with Existing Paved Shoulder having no dropoffs)



SHOULDER WEDGE DETAIL

(Resurfacing Projects w/ NO Widening)



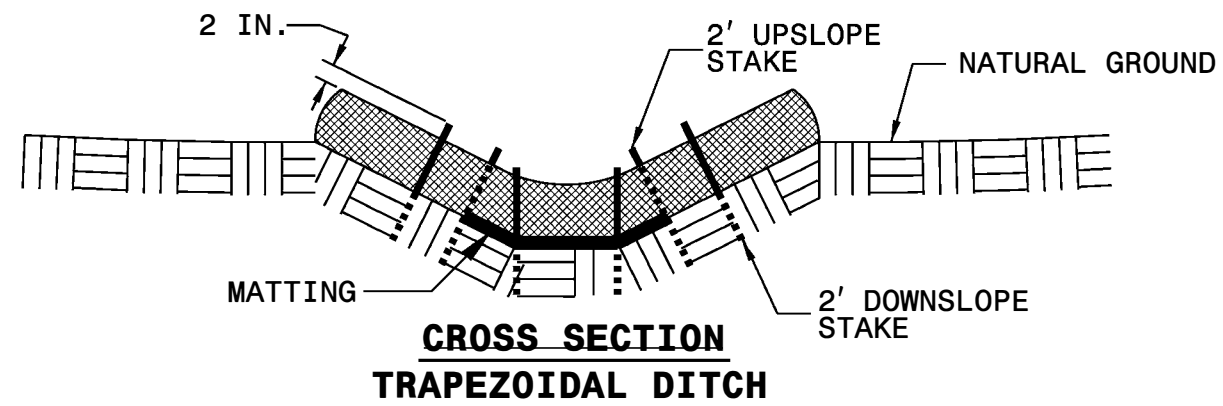
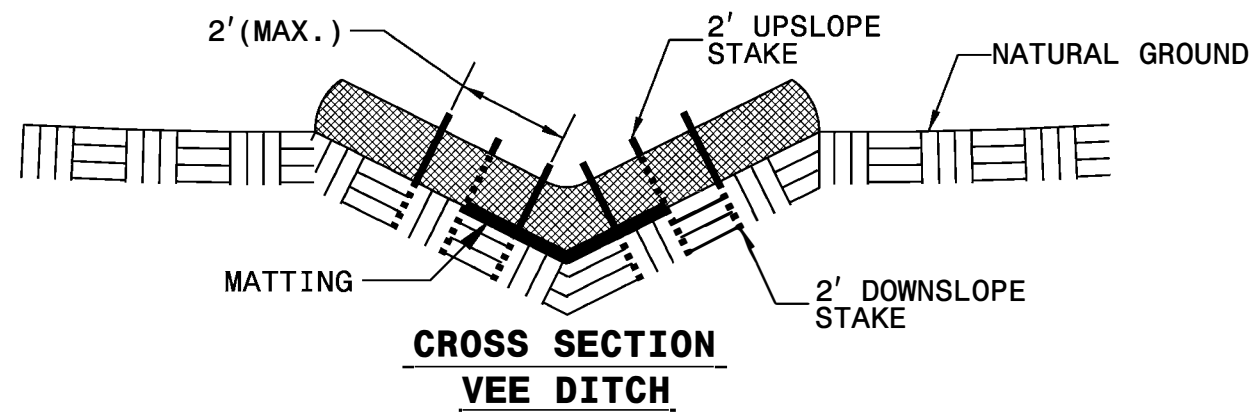
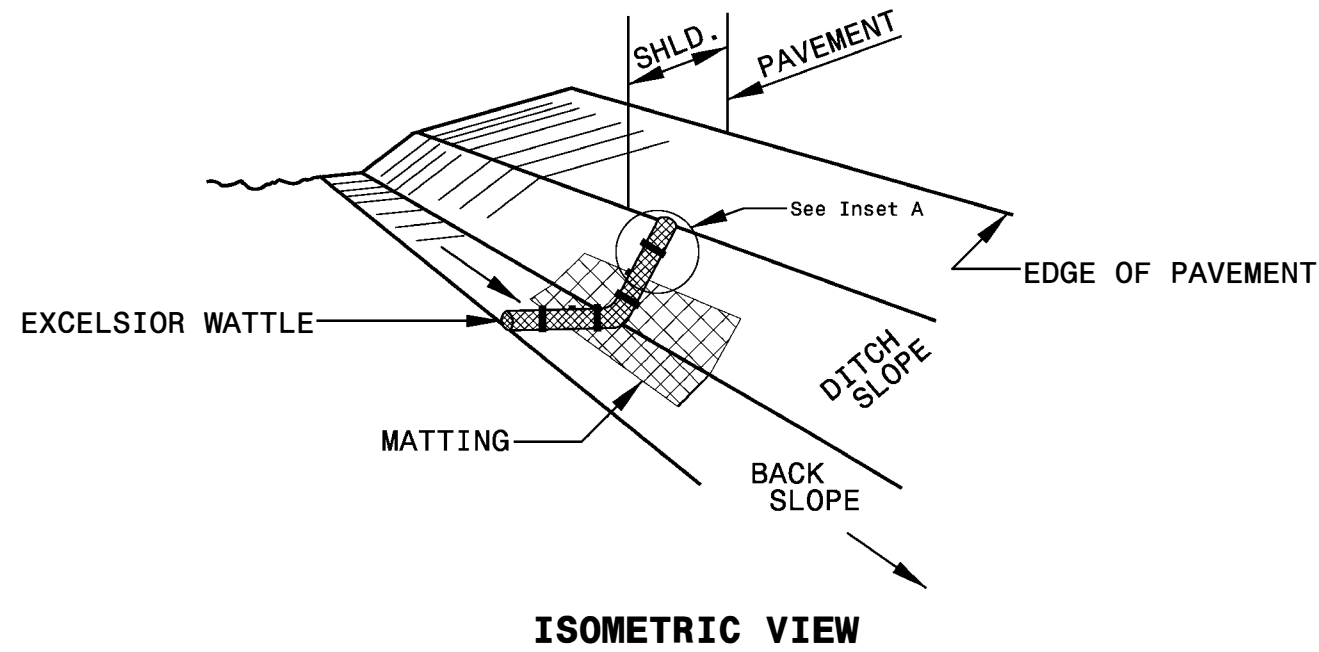
SHOULDER WEDGE DETAIL

(Resurfacing Adjacent to Rutted Shoulder)

- SHOULDER WEDGE ANGLE = 30°

CONTRACT STANDARDS AND DEVELOPMENT UNIT	
Office 919-707-6950 FAX 919-250-4119	
SHOULDER WEDGE DETAILS	
ORIGINAL BY: T.SPELL	DATE: 7-19-11
MODIFIED BY:	DATE: 2/2/16
CHECKED BY:	DATE:
FILE SPEC.: s:\usr\details\stand\shoulderwedgedetail.dgn	

WATTLE DETAIL



NOTES:

USE MINIMUM 12 IN. DIAMETER EXCELSIOR WATTLE.

USE 2 FT. WOODEN STAKES WITH A 2 IN. BY 2 IN. NOMINAL CROSS SECTION.

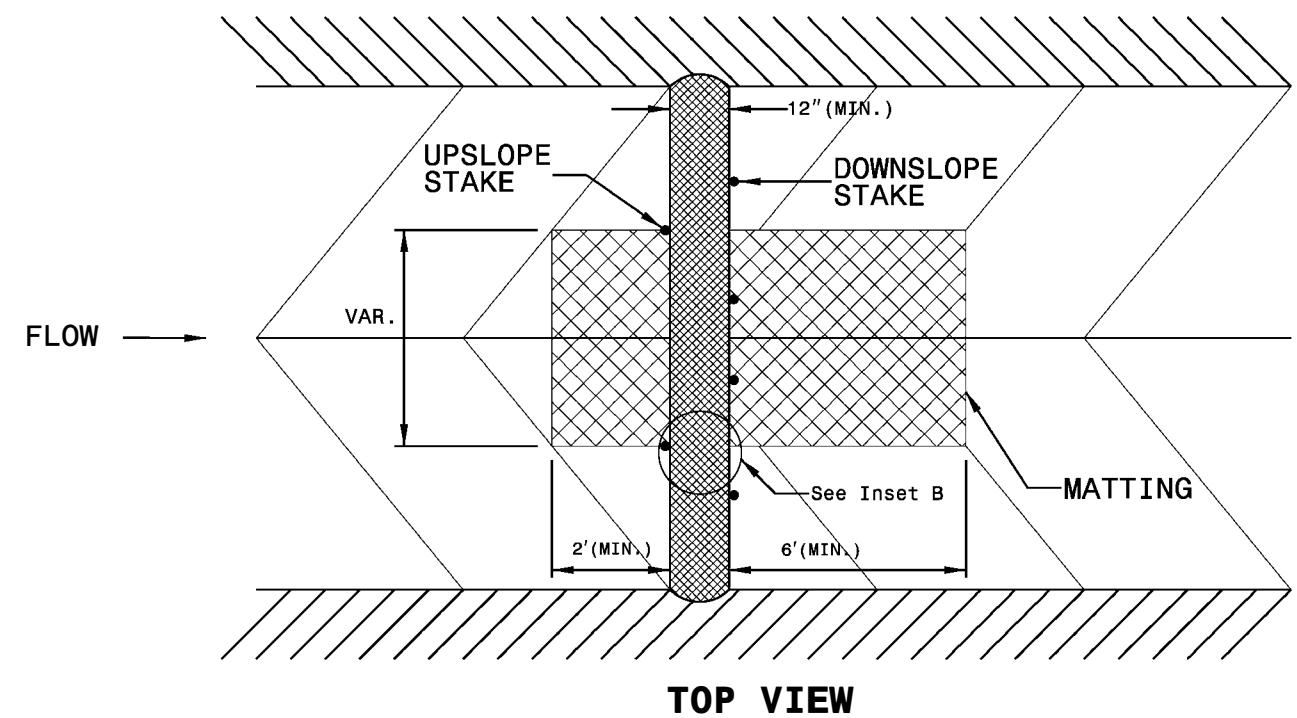
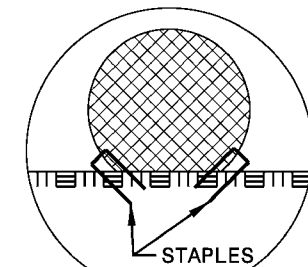
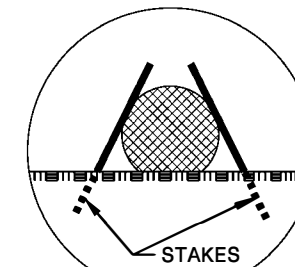
ONLY INSTALL WATTLE(S) TO A HEIGHT IN DITCH SO FLOW WILL NOT WASH AROUND WATTLE AND SCOUR DITCH SLOPES AND AS DIRECTED.

INSTALL A MINIMUM OF 2 UPSLOPE STAKES AND 4 DOWNSLOPE STAKES AT AN ANGLE TO WEDGE WATTLE TO BOTTOM OF DITCH.

PROVIDE STAPLES MADE OF 0.125 IN. DIAMETER STEEL WIRE FORMED INTO A U SHAPE NOT LESS THAN 12" IN LENGTH.

INSTALL STAPLES APPROXIMATELY EVERY 1 LINEAR FOOT ON BOTH SIDES OF WATTLE AND AT EACH END TO SECURE IT TO THE SOIL.

INSTALL MATTING IN ACCORDANCE WITH SECTION 1631 OF THE STANDARD SPECIFICATIONS.



SUMMARY OF QUANTITIES

																							PROJECT NO.				SHEET NO.	TOTAL NO.				
																							I-5932A 45873.3.2 & I-5932B 45873.3.3				11					
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYPICAL SECTION NO.	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	0156000000-E REMOVAL OF EXISTING ASPHALT PAVEMENT	1245000000-E SHOULDER RECONSTRUCTION	1260000000-E AGGREGATE SHOULDER BORROW	1297000000-E MILLING ASPHALT PAVEMENT, 2.75" DEPTH	1297000000-E MILLING ASPHALT PAVEMENT, 2" DEPTH	1308000000-E MILLING ASPHALT PAVEMENT, 0.75" TO 2.75"	1491000000-E ASPHALT CONC BASE COURSE, TYPE B25.0C	1524200000-E ASPHALT CONC SURFACE COURSE, TYPE S9.5D	1575000000-E ASPHALT BINDER FOR PLANT MIX	1577000000-E POLYMER MODIFIED ASPHALT BINDER FOR PLANT MIX	1662000000-E OPEN-GRADED ASPHALT FRICTION COURSE, TYPE FC-1 MODIFIED	1840000000-E MILLED RUMBLE STRIPS (ASPHALT CONCRETE)	4400000000-E WORK ZONE SIGNS (STATIONARY)	4420000000-E PORTABLE CHANGEABLE MESSAGE SIGN	4423000000-N WORK ZONE DIGITAL SPEED LIMIT SIGNS	4424000000-N WORK ZONE PRESENCE LIGHTING	4434000000-N SEQUENTIAL FLASHING WARNING LIGHTS	4510000000-N LAW ENFORCEMENT	4600000000-N SINGLE LANE CLOSURE		
I-5932A	HALIFAX	1	I-95 SBL	MM 167 TO MM 159.90	1	2	MD	NO	NO	7.10	30					128440		14400		1175	5780	74980	144							640	40	
I-5932A	HALIFAX	2	I-95 NBL	MM 159.90 TO MM 167	1	2	MD	NO	NO	7.10	30					128410		14400		1175	5780	74980	144							640	40	
I-5932A	HALIFAX	3	SB ENTRY RAMP	NC 561 TO I-95	2	1		NO	NO	0.14	24	540	0.3	5		380	475	300	25	20				20						32		
I-5932A	HALIFAX	4	SB EXIT RAMP	I-95 TO NC 561	2	1		NO	NO	0.22	24	930	0.5	7		350	750	450	35	30				20						32		
I-5932A	HALIFAX	5	NB ENTRY RAMP	NC 561 TO I-95	2	1		NO	NO	0.14	24	570	0.3	5		420	475	300	25	20				20						32		
I-5932A	HALIFAX	6	NB EXIT RAMP	I-95 TO NC 561	2	1		NO	NO	0.22	24	920	0.5	7		430	750	450	35	30				20						32		
I-5932A	HALIFAX			SAY																												
I-5932A	HALIFAX			SUB TOTAL						14.92		2,960	1.6	24		258,430	2,450	30,300	120	2,450	11,560	149,960	368	2	3	7	6		1,408	80		
I-5932A	HALIFAX			PAY ITEM TOTAL								2,960	1.6	24		258,430	2,450	30,300	120	2,450	11,560	149,960	368	2	3	7	6		1,408	80		
I-5932B	HALIFAX	7	I-95 SBL	MM 159.90 TO MM 153.20	3	2	MD	NO	NO	6.70	31				125300			14050		1145	5640	70760	144						640	40		
I-5932B	HALIFAX	8	I-95 NBL	MM 153.20 TO MM 159.90	3	2	MD	NO	NO	6.70	31				125440			14050		1150	5650	70760	144						640	40		
I-5932B	HALIFAX	9	SB ENTRY RAMP	NC 481 TO I-95	4	1		NO	NO	0.12	24	570	0.3	5			325	175	15	10				20						32		
I-5932B	HALIFAX	10	SB EXIT RAMP	I-95 TO NC 481	4	1		NO	NO	0.14	24	690	0.3	5		205	375	225	20	15		10		20						32		
I-5932B	HALIFAX	11	NB ENTRY RAMP	NC 481 TO I-95	4	1		NO	NO	0.11	24	520	0.3	5		105	300	175	15	15		10		20						32		
I-5932B	HALIFAX	12	NB EXIT RAMP	I-95 TO NC 481	4	1		NO	NO	0.14	24	710	0.3	5		215	375	225	20	15		10		20						32		
I-5932B	HALIFAX			SAY																												
I-5932B	HALIFAX			SUB TOTAL						13.91		2,490	1.2	20	250,740	525	1,375	28,900	70	2,350	11,320	141,520	368	2	3	7	6		1,408	80		
I-5932B	HALIFAX			PAY ITEM TOTAL								2,490	1.2	20	250,740	525	1,375	28,900	70	2,350	11,320	141,520	368	2	3	7	6		1,408	80		
GRAND TOTAL										28.83		5,450	2.8	44	250,740	258,430	525	3,825	59,200	190	4,800	22,880	291,480	736	4	6	14	12		2,816	160	
PAY ITEM TOTAL												5,450	2.8	44	250,740	258,430	525	3,825	59,200	190	4,800	22,880	291,480	736	4	6	14	12		2,816	160	
PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYPICAL SECTION NO.	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH MI	WIDTH FT	4600000000-N RAMP/LOOP CLOSURE	4600000000-N RAMP/LOOP TRAFFIC CONTROL	4600000000-N CONNECTED LANE CLOSURE DEVICE	4688000000-E THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) WHITE	4688000000-E THERMOPLASTIC PAVEMENT MARKING LINES (6", 90 MILS) YELLOW	4700000000-E THERMOPLASTIC PAVEMENT MARKING LINES (12", 90 MILS) WHITE	4725000000-E THERMOPLASTIC PAVEMENT MARKING SYMBOL (90 MILS) MERGE ARROW	4795000000-E COLD APPLIED PLASTIC PAVEMENT MARKING LINES, TYPE 2 (24")	4805000000-N COLD APPLIED PLASTIC LEFT ARROW (TYPE 2)	4805000000-N COLD APPLIED PLASTIC RIGHT ARROW (TYPE 2)	4805000000-N COLD APPLIED PLASTIC WRONG WAY ARROW (TYPE 2)	4815000000-E PAINT PAVEMENT MARKING LINES (6") WHITE	4815000000-E PAINT PAVEMENT MARKING LINES (6") YELLOW	4825000000-E PAINT PAVEMENT MARKING LINES (12") WHITE	4835000000-E PAINT PAVEMENT MARKING LINES (24") WHITE	4845000000-N PAINT PAVEMENT MARKING SYMBOL MERGE ARROW	4855000000-E REMOVAL OF PAVEMENT MARKING LINES (6")	4890000000-E POLYUREA PAVEMENT MARKING LINES 6", 20 MILS (Standard Glass Beads) WHITE	4890000000-E POLYUREA PAVEMENT MARKING LINES 6", 20 MILS (Standard Glass Beads) YELLOW		
I-5932A	HALIFAX	1	I-95 SBL	MM 167 TO MM 159.90	1	2	MD	NO	NO	7.10	30				47140	37490	1100	3					47140	37490	1100				3			
I-5932A	HALIFAX	2	I-95 NBL	MM 159.90 TO MM 167	1	2	MD	NO	NO	7.10	30				47110	37490	1075	3					47110	37490	1075				3			
I-5932A	HALIFAX	3	SB ENTRY RAMP	NC 561 TO I-95	2	1		NO	NO	0.14	24	2	2																1480	740	740	
I-5932A	HALIFAX	4	SB EXIT RAMP	I-95 TO NC 561	2	1		NO	NO	0.22	24	2	2					55	1	1		1				55			2340	1170	1170	
I-5932A	HALIFAX	5	NB ENTRY RAMP	NC 561 TO I-95	2	1		NO	NO	0.14	24	2	2															1480	740	740		
I-5932A	HALIFAX	6	NB EXIT RAMP	I-95 TO NC 561	2	1		NO	NO	0.22	24	2	2					55	1	1		1				55			2340	1170	1170	
I-5932A	HALIFAX			SAY											1																	
I-5932A	HALIFAX			SUB TOTAL						14.92		8	8	1	94,250	74,980	2,175	6	110	2	2		2		94,250	74,980	2,175	110	6	7,640	3,820	3,820
I-5932A	HALIFAX			PAY ITEM TOTAL								8	8	1	169,230		2,175	6	110	6				169,230		2,175	110	6	7,640	3,820	3,820	
I-5932B	HALIFAX	7	I-95 SBL	MM 159.90 TO MM 153.20	3	2	MD	NO	NO	6.70	31				44570	35380	1165	3					44570	35380	1165				3			
I-5932B	HALIFAX	8	I-95 NBL	MM 153.20 TO MM 159.90	3	2	MD	NO	NO	6.70	31				44430	35380	995	3					44430	35380	995				3			
I-5932B	HALIFAX	9	SB ENTRY RAMP	NC 481 TO I-95	4	1		NO	NO	0.12	24	2	2																1280	640	640	
I-5932B	HALIFAX	10	SB EXIT RAMP	I-95 TO NC 481	4	1		NO	NO	0.14	24	2	2					50	1	1		1				50			1480	740	740	
I-5932B	HALIFAX	11	NB ENTRY RAMP	NC 481 TO I-95	4	1		NO	NO	0.11	24	2	2																1180	590	590	
I-5932B	HALIFAX	12	NB EXIT RAMP	I-95 TO NC 481	4	1		NO	NO	0.14	24	2	2					55	1	1		1				55			1480	740	740	
I-5932B	HALIFAX			SAY											1																	
I-5932B	HALIFAX			SUB TOTAL						13.91		8	8	1	89,000	70,760	2,160	6	105	2	2		2		89,000	70,760	2,160	105	6	5,420	2,710	2,710
I-5932B	HALIFAX			PAY ITEM TOTAL								8	8	1	159,760		2,160	6	105	6				159,760		2,160	105	6	5,420	2,710	2,710	
GRAND TOTAL										28.83		16	16	2	183250	145740	4335	12	215	4	4		4		183250	145740	4335	215	12	13060	6530	6530
PAY ITEM TOTAL												16	16	2	328,990		4,335	12	215	12				328,990		4,335	215	12	13,060	13,060		

SUMMARY OF QUANTITIES

PROJECT NO. I-5932A 45873.3.2 & I-5932B 45873.3.3
SHEET NO. 12
TOTAL NO.

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYPICAL SECTION NO.	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	4895000000-N NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER (CRYSTAL/RED) EA	5255000000-N PORTABLE LIGHTING LS												
														MI	FT	EA	LS								
I-5932A	HALIFAX	1	I-95 SBL	MM 167 TO MM 159.90	1	2	MD	NO	NO	7.10	30	524													
I-5932A	HALIFAX	2	I-95 NBL	MM 159.90 TO MM 167	1	2	MD	NO	NO	7.10	30	523													
I-5932A	HALIFAX	3	SB ENTRY RAMP	NC 561 TO I-95	2	1		NO	NO	0.14	24														
I-5932A	HALIFAX	4	SB EXIT RAMP	I-95 TO NC 561	2	1		NO	NO	0.22	24	14													
I-5932A	HALIFAX	5	NB ENTRY RAMP	NC 561 TO I-95	2	1		NO	NO	0.14	24														
I-5932A	HALIFAX	6	NB EXIT RAMP	I-95 TO NC 561	2	1		NO	NO	0.22	24	14													
I-5932A	HALIFAX	SAY												0.5											
I-5932A	HALIFAX	SUB TOTAL										14.92		1,075	0.5										
I-5932A	HALIFAX	PAY ITEM TOTAL												1,075	0.5										
I-5932B	HALIFAX	7	I-95 SBL	MM 159.90 TO MM 153.20	3	2	MD	NO	NO	6.70	31	501													
I-5932B	HALIFAX	8	I-95 NBL	MM 153.20 TO MM 159.90	3	2	MD	NO	NO	6.70	31	492													
I-5932B	HALIFAX	9	SB ENTRY RAMP	NC 481 TO I-95	4	1		NO	NO	0.12	24														
I-5932B	HALIFAX	10	SB EXIT RAMP	I-95 TO NC 481	4	1		NO	NO	0.14	24	14													
I-5932B	HALIFAX	11	NB ENTRY RAMP	NC 481 TO I-95	4	1		NO	NO	0.11	24														
I-5932B	HALIFAX	12	NB EXIT RAMP	I-95 TO NC 481	4	1		NO	NO	0.14	24	14													
I-5932B	HALIFAX	SAY												0.5											
I-5932B	HALIFAX	SUB TOTAL										13.91		1,021	0.5										
I-5932B	HALIFAX	PAY ITEM TOTAL												1,021	0.5										
GRAND TOTAL										28.83		2,096	1												
PAY ITEM TOTAL												2,096	1												

PROJECT NO	COUNTY	MAP NO	ROUTE	DESCRIPTION	TYPICAL SECTION NO.	LANES	LANE TYPE	FINAL SURFACE TESTING REQUIRED	WARM MIX ASPHALT REQUIRED	LENGTH	WIDTH	4895000000-N NON-CAST IRON SNOWPLOWABLE PAVEMENT MARKER (CRYSTAL/RED) EA	5255000000-N PORTABLE LIGHTING LS												
														MI	FT	EA	LS								
I-5932A	HALIFAX	1	I-95 SBL	MM 167 TO MM 159.90	1	2	MD	NO	NO	7.10	30														
I-5932A	HALIFAX	2	I-95 NBL	MM 159.90 TO MM 167	1	2	MD	NO	NO	7.10	30														
I-5932A	HALIFAX	3	SB ENTRY RAMP	NC 561 TO I-95	2	1		NO	NO	0.14	24														
I-5932A	HALIFAX	4	SB EXIT RAMP	I-95 TO NC 561	2	1		NO	NO	0.22	24														
I-5932A	HALIFAX	5	NB ENTRY RAMP	NC 561 TO I-95	2	1		NO	NO	0.14	24														
I-5932A	HALIFAX	6	NB EXIT RAMP	I-95 TO NC 561	2	1		NO	NO	0.22	24														
I-5932A	HALIFAX	SAY																							
I-5932A	HALIFAX	SUB TOTAL										14.92													
I-5932A	HALIFAX	PAY ITEM TOTAL																							
I-5932B	HALIFAX	7	I-95 SBL	MM 159.90 TO MM 153.20	3	2	MD	NO	NO	6.70	31														
I-5932B	HALIFAX	8	I-95 NBL	MM 153.20 TO MM 159.90	3	2	MD	NO	NO	6.70	31														
I-5932B	HALIFAX	9	SB ENTRY RAMP	NC 481 TO I-95	4	1		NO	NO	0.12	24														
I-5932B	HALIFAX	10	SB EXIT RAMP	I-95 TO NC 481	4	1		NO	NO	0.14	24														
I-5932B	HALIFAX	11	NB ENTRY RAMP	NC 481 TO I-95	4	1		NO	NO	0.11	24														
I-5932B	HALIFAX	12	NB EXIT RAMP	I-95 TO NC 481	4	1		NO	NO	0.14	24														
I-5932B	HALIFAX	SAY																							
I-5932B	HALIFAX	SUB TOTAL										13.91													
I-5932B	HALIFAX	PAY ITEM TOTAL																							
GRAND TOTAL										28.83															
PAY ITEM TOTAL																									

SUMMARY OF QUANTITIES - DRAINAGE

PROJECT NUMBER	COUNTY	BOX NUMBER	ROUTE	LONG	LAT	DESCRIPTION	PROJECT NO.												SHEET NO.		TOTAL NO.
							I-5932A - 45873.3.2												14		
							4" SHOULDER DRAIN PIPE	4" OUTLET PIPE FOR SHOULDER DRAINS	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	PIPE COLLARS	FLOWABLE FILL	MASONRY DRAINAGE STRUCTURES	MASONRY DRAINAGE STRUCTURES	FRAME WITH TWO GRATES, STD 840.22	GENERIC DRAINAGE ITEM- CONCRETE APRON	GENERIC DRAINAGE ITEM- TRASH GRATE FOR 24" RCP FES	4" CONCRETE PAVED DITCH	SEDIMENT CONTROL STONE	1/4" HARDWARE CLOTH		
LF	LF	EA	CY	CY	EA	LF	EA	EA	EA	SY	TON	LF									
		1	I-95 SB SHLD	-77.724186	36.263616	REMOVE & REPLACE DRAINAGE STRUCTURE		10	1		1.1052							5	40		
		2	I-95 MED	-77.723906	36.263698	REMOVE & REPLACE DRAINAGE STRUCTURE					1.3506							5	40		
		3	I-95 MED	-77.723632	36.264648	REMOVE & REPLACE DRAINAGE STRUCTURE					1.596							5	40		
		4	I-95 SB SHLD	-77.722728	36.268704	REMOVE & REPLACE PAVED DITCH & DAMAGED PIPE					0.893					20		5	40		
		5	I-95 MED	-77.722373	36.268993	REMOVE & REPLACE DRAINAGE STRUCTURE					1.3395			1				5	40		
		6	I-95 NB SHLD	-77.722070	36.268944	REMOVE & REPLACE PAVED DITCH & DAMAGED PIPE					0.893					10		5	40		
		7	I-95 NB SHLD	-77.721835	36.269860	REMOVE & REPLACE DRAINAGE STRUCTURE, INSTALL PAVED DITCH					0.893			1		30		5	40		
		8	I-95 NB SHLD	-77.721411	36.271302	REMOVE & REPLACE CONCRETE APRON & DAMAGED PIPE					0.9991				1			5	40		
		9	I-95 MED	-77.721678	36.271349	REMOVE & REPLACE DRAINAGE STRUCTURE					1.1052				1			5	40		
		10	I-95 SB SHLD	-77.721954	36.271404	REMOVE & REPLACE DRAINAGE STRUCTURE					1.1052				1			5	40		
		11	I-95 NB SHLD	-77.720798	36.273314	REMOVE & REPLACE PAVED DITCH & CONCRETE APRON											1	20	5	40	
		12	I-95 NB SHLD	-77.720417	36.274578	REMOVE & REPLACE PAVED DITCH												5	40		
		13	I-95 MED	-77.720671	36.274798	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.798			1				20	5	40	
		14	I-95 MED	-77.720279	36.276069	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					1.3395			1		1		30	5	40	
		15	I-95 MED	-77.719123	36.279271	REMOVE & REPLACE DRAINAGE STRUCTURE								1	5	1		5	40		
		16	I-95 MED	-77.716049	36.286149	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH								1	3	1		20	5	40	
		17	I-95 MED	-77.712057	36.294800	REMOVE & REPLACE DRAINAGE STRUCTURE	20	20	1		1.528			1				5	40		
		18	I-95 SB SHLD	-77.711546	36.296975	REMOVE & REPLACE PAVED DITCH AND TRASH GRATE											1	10	5	40	
		19	I-95 NB SHLD	-77.709613	36.301504	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.399			1				20	5	40	
		20	I-95 NB SHLD	-77.709568	36.301598	REMOVE & REPLACE DAMAGED PIPE					2.579							5	40		
		21	I-95 MED	-77.708861	36.305455	REMOVE & REPLACE DRAINAGE STRUCTURE					0.399			1				5	40		
		22	I-95 SB SHLD	-77.708913	36.306375	REMOVE & REPLACE PAVED DITCH												50	5	40	
		23	I-95 MED	-77.707865	36.309185	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.399			1				20	5	40	
		24	I-95 MED	-77.706149	36.315615	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					1.197			1				20	5	40	
		25	I-95 MED	-77.705513	36.318047	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.893			1				20	5	40	
		26	I-95 SB SHLD	-77.705584	36.318887	REMOVE & REPLACE DAMAGED PIPE					2.2325							5	40		
		27	I-95 MED	-77.705001	36.319977	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.893			1				20	5	40	
		28	I-95 SB SHLD	-77.704854	36.321563	REMOVE & REPLACE DRAINAGE STRUCTURE					0.893			1				5	40		
		29	I-95 MED	-77.704582	36.321565	REMOVE & REPLACE DAMAGED PIPE					0.4465							5	40		
		30	I-95 NB SHLD	-77.697740	36.333098	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.893			1				140	5	40	
		31	I-95 SB SHLD	-77.698074	36.333527	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					1.3395			1				20	5	40	
		32	I-95 SB SHLD	-77.697153	36.334591	REMOVE & REPLACE DAMAGED PIPE					1.312							5	40		
		33	I-95 MED	-77.696701	36.334653	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					1.528			1	1			10	5	40	
		34	I-95 MED	-77.695127	36.336361	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.798			1				20	5	40	
		35	I-95 MED	-77.692348	36.339435	REMOVE & REPLACE CONCRETE APRON & DAMAGED PIPE	20	20			0.798					1		5	40		
		36	I-95 NB SHLD	-77.690476	36.341022	REMOVE & REPLACE DAMAGED PIPE					2.026							5	40		
		37	I-95 MED	-77.690481	36.341444	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	20	20			2.4725			1	1			20	5	40	
		38	I-95 MED	-77.689315	36.342714	REMOVE & REPLACE DRAINAGE STRUCTURE					0.893			1				5	40		
		39	I-95 MED	-77.688339	36.343788	REMOVE & REPLACE CONCRETE APRON AND PAVED DITCH										1		10	5	40	
		40	I-95 SB SHLD	-77.685658	36.347135	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.893			1	1			10	5	40	
		41	I-95 NB SHLD	-77.684032	36.348108	REMOVE & REPLACE DRAINAGE STRUCTURE	20	20			0.893			1				5	40		
		42	I-95 SB SHLD	-77.684432	36.348473	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					1.3395			1	1			20	5	40	
		43	I-95 MED	-77.682640	36.350116	REMOVE & REPLACE DRAINAGE STRUCTURE					0.893			1				5	40		
		44	I-95 MED	-77.680204	36.353339	REMOVE & REPLACE DRAINAGE STRUCTURE					0.893			1				5	40		
		45	I-95 SB SHLD	-77.678748	36.356051	REMOVE & REPLACE DAMAGED PIPE					1.1052							5	40		
SAY											44										
TOTAL							80	90	2	44	50	30	13	30	4	1	560	225	1,800		

SUMMARY OF QUANTITIES - DRAINAGE

PROJECT NO. I-5932A - 45873.3.2
SHEET NO. 15
TOTAL NO.

PROJECT NUMBER	COUNTY	BOX NUMBER	ROUTE	LONG	LAT	DESCRIPTION	WATTLE	SEEDING & MULCHING																	
							LF	ACR																	
I-5932A - 45873.3.1	HALIFAX	1	I-95 SB SHLD	-77.724186	36.263616	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		2	I-95 MED	-77.723906	36.263698	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		3	I-95 MED	-77.723632	36.264648	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		4	I-95 SB SHLD	-77.722728	36.268704	REMOVE & REPLACE PAVED DITCH & DAMAGED PIPE	40	0.1																	
		5	I-95 MED	-77.722373	36.268993	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		6	I-95 NB SHLD	-77.722070	36.268944	REMOVE & REPLACE PAVED DITCH & DAMAGED PIPE	40	0.1																	
		7	I-95 NB SHLD	-77.721835	36.269860	REMOVE & REPLACE DRAINAGE STRUCTURE, INSTALL PAVED DITCH	40	0.1																	
		8	I-95 NB SHLD	-77.721411	36.271302	REMOVE & REPLACE CONCRETE APRON & DAMAGED PIPE	40	0.1																	
		9	I-95 MED	-77.721678	36.271349	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		10	I-95 SB SHLD	-77.721954	36.271404	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		11	I-95 NB SHLD	-77.720798	36.273314	REMOVE & REPLACE PAVED DITCH & CONCRETE APRON	40	0.1																	
		12	I-95 NB SHLD	-77.720417	36.274578	REMOVE & REPLACE PAVED DITCH	40	0.1																	
		13	I-95 MED	-77.720671	36.274798	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		14	I-95 MED	-77.720279	36.276069	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		15	I-95 MED	-77.719123	36.279271	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		16	I-95 MED	-77.716049	36.286149	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		17	I-95 MED	-77.712057	36.294800	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		18	I-95 SB SHLD	-77.711546	36.296975	REMOVE & REPLACE PAVED DITCH AND TRASH GRATE	40	0.1																	
		19	I-95 NB SHLD	-77.709613	36.301504	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		20	I-95 NB SHLD	-77.709568	36.301598	REMOVE & REPLACE DAMAGED PIPE	40	0.1																	
		21	I-95 MED	-77.708861	36.305455	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		22	I-95 SB SHLD	-77.708913	36.306375	REMOVE & REPLACE PAVED DITCH	40	0.1																	
		23	I-95 MED	-77.707865	36.309185	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		24	I-95 MED	-77.706149	36.315615	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		25	I-95 MED	-77.705513	36.318047	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		26	I-95 SB SHLD	-77.705584	36.318887	REMOVE & REPLACE DAMAGED PIPE	40	0.1																	
		27	I-95 MED	-77.705001	36.319977	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		28	I-95 SB SHLD	-77.704854	36.321563	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		29	I-95 MED	-77.704582	36.321565	REMOVE & REPLACE DAMAGED PIPE	40	0.1																	
		30	I-95 NB SHLD	-77.697740	36.333098	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		31	I-95 SB SHLD	-77.698074	36.333527	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		32	I-95 SB SHLD	-77.697153	36.334591	REMOVE & REPLACE DAMAGED PIPE	40	0.1																	
		33	I-95 MED	-77.696701	36.334653	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		34	I-95 MED	-77.695127	36.336361	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		35	I-95 MED	-77.692348	36.339435	REMOVE & REPLACE CONCRETE APRON & DAMAGED PIPE	40	0.1																	
		36	I-95 NB SHLD	-77.690476	36.341022	REMOVE & REPLACE DAMAGED PIPE	40	0.1																	
		37	I-95 MED	-77.690481	36.341444	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		38	I-95 MED	-77.689315	36.342714	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		39	I-95 MED	-77.688339	36.343788	REMOVE & REPLACE CONCRETE APRON AND PAVED DITCH	40	0.1																	
		40	I-95 SB SHLD	-77.685658	36.347135	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		41	I-95 NB SHLD	-77.684032	36.348108	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		42	I-95 SB SHLD	-77.684432	36.348473	REMOVE & REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	0.1																	
		43	I-95 MED	-77.682640	36.350116	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		44	I-95 MED	-77.680204	36.353339	REMOVE & REPLACE DRAINAGE STRUCTURE	40	0.1																	
		45	I-95 SB SHLD	-77.678748	36.356051	REMOVE & REPLACE DAMAGED PIPE	40	0.1																	
TOTAL							1,800	4.5																	

SUMMARY OF QUANTITIES - DRAINAGE

PROJECT NUMBER	COUNTY	BOX NUMBER	ROUTE	LONG	LAT	DESCRIPTION	PROJECT NO.										SHEET NO.	TOTAL NO.	
							I-5932B - 45873.3.3										16		
							BORROW EXCAVATION	FOUNDATION CONDITIONING MATERIAL, MINOR STRUCTURES	FOUNDATION CONDITIONING GEOTEXTILE	15" RC PIPE CULVERTS, CLASS III	18" RC PIPE CULVERTS, CLASS III	24" RC PIPE CULVERTS, CLASS III	30" RC PIPE CULVERTS, CLASS III	36" RC PIPE CULVERTS, CLASS III	42" RC PIPE CULVERTS, CLASS III	48" RC PIPE CULVERTS, CLASS III	54" RC PIPE CULVERTS, CLASS III	6" PVC PIPE CULVERTS	INCIDENTAL STONE BASE
CY	TON	SY	LF	LF	LF	LF	LF	LF	LF	LF	LF	LF	TON						
							0106000000-E	0318000000-E	0320000000-E	0366000000-E	0372000000-E	0378000000-E	0384000000-E	0390000000-E	0396000000-E	0402000000-E	0408000000-E	0542000000-E	1220000000-E
		1	I-95 SB SHLD	-77.767337	36.178933	REMOVE AND REPLACE PIPE									8				
		2	I-95 MED	-77.767015	36.178873	REMOVE AND REPLACE PAVED DITCH AND FRAME W/ GRATE													
		3	I-95 NB SHLD	-77.766610	36.178919	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON													
		4	I-95 MED	-77.766087	36.180584	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	5	2	6		16								
		5	I-95 MED	-77.765618	36.181614	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	5	2	6		16								
		6	I-95 MED	-77.765280	36.182390	REMOVE AND REPLACE PAVED DITCH AND FRAME W/ GRATE	5	2	6		16								
		7	I-95 NB SHLD	-77.764959	36.182388	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON	5												
		8	I-95 MED	-77.763693	36.186562	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON													
		9	I-95 MED	-77.763102	36.188148	REMOVE AND REPLACE CONCRETE APRON													
		10	I-95 MED	-77.762294	36.190238	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	10	1	3			8							
		11	I-95 MED	-77.761030	36.193651	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON													
		12	I-95 MED	-77.760731	36.194434	REMOVE AND REPLACE CONCRETE APRON AND PIPE	5	2	6		16								
		13	I-95 MED	-77.760222	36.195741	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	5	2	6		16								
		14	I-95 SB SHLD	-77.760512	36.195817	REMOVE AND REPLACE CONCRETE APRON	5												
		15	I-95 MED	-77.759451	36.197843	REMOVE AND REPLACE CONCRETE APRON AND PIPE	5	1	3		8								
		16	I-95 NB SHLD	-77.757955	36.200989	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	1	3		8								
		17	I-95 NB SHLD	-77.755699	36.206915	REMOVE AND REPLACE PIPE	5	1	3					8					
		18	I-95 MED	-77.755962	36.207043	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	5	2	6		16								
		19	I-95 SB SHLD	-77.755833	36.208229	REMOVE AND REPLACE CONCRETE APRON													
		20	I-95 NB SHLD	-77.754610	36.209888	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	10	1	3		8								
		21	I-95 MED	-77.754836	36.210006	REMOVE AND REPLACE PIPE	5	1	3			8							
		22	I-95 MED	-77.754334	36.211390	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	5	4	11		16	16							
		23	I-95 NB SHLD	-77.754073	36.211372	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	1	3		8								
		24	I-95 SB SHLD	-77.754624	36.211607	REMOVE AND REPLACE CONCRETE APRON													
		25	I-95 MED	-77.753904	36.212553	REMOVE AND REPLACE PIPE	15	4	11		32								
		26	I-95 NB SHLD	-77.753009	36.214082	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	5	1	3		8								
		27	I-95 MED	-77.753267	36.214191	REMOVE AND REPLACE CONCRETE APRON AND PIPE	20	2	6		16								
		28	I-95 MED	-77.750110	36.219735	REMOVE AND REPLACE PAVED DITCH AND PIPE		2	6									16	
		29	I-95 NB SHLD	-77.748205	36.221844	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	5	1	3		8								
		30	I-95 SB SHLD	-77.748762	36.222152	REMOVE AND REPLACE PAVED DITCH													
		31	I-95 MED	-77.748398	36.222067	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	3	8		16	8							
		32	I-95 MED	-77.747780	36.222897	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	10	4	11		16	16							
		33	I-95 NB SHLD	-77.747514	36.222770	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON													
		34	I-95 NB SHLD	-77.746736	36.223936	REMOVE AND REPLACE PAVED DITCH													
		35	I-95 MED	-77.746898	36.224071	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	40	4	11		16	8	8						
		36	I-95 MED	-77.746346	36.224789	REMOVE AND REPLACE PIPE	35	2	6			16							
		37	I-95 MED	-77.745899	36.225384	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	15	1	3			8							
		38	I-95 MED	-77.743797	36.228108	REMOVE AND REPLACE PAVED DITCH													
		39	I-95 MED	-77.742897	36.229269	REMOVE AND REPLACE PIPE	5	1	3		8								
		40	I-95 SB SHLD	-77.741745	36.231204	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	2	6		16								
		41	I-95 MED	-77.739978	36.233092	REMOVE AND REPLACE PAVED DITCH													
		42	I-95 MED	-77.739093	36.234244	REMOVE AND REPLACE PIPE	25	2	6		16								
		43	I-95 MED	-77.738405	36.235128	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE		3	8			24							
		44	I-95 MED	-77.737262	36.236618	REMOVE AND REPLACE CONCRETE APRON AND PIPE	15	3	8		16	8							
		45	I-95 NB SHLD	-77.737018	36.236601	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	1	3		8								
		46		-77.735884	36.237895	REMOVE AND REPLACE PIPE	200	7	22										
		47	I-95 NB SHLD	-77.734979	36.239154	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	3	8		8	16							
		48	I-95 NB SHLD	-77.734138	36.240314	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	20	2	6			16							
		49	I-95 MED	-77.734347	36.240416	REMOVE AND REPLACE DRAINAGE STRUCTURE	10	2	6		8	8							
		50	I-95 MED	-77.733259	36.241851	REMOVE AND REPLACE DRAINAGE STRUCTURE	30	6	19		16	40							
		51	I-95 SB SHLD	-77.733439	36.242022	REMOVE AND REPLACE CONCRETE APRON AND PIPE	15	1	3		8								
		52	I-95 NB SHLD	-77.732936	36.241810	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	5	1	3		8								
		53	I-95 MED	-77.731715	36.243855	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	10	2	6			16							
		54	I-95 SB SHLD	-77.731106	36.245086	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	10	1	3		8								
		55	I-95 MED	-77.730825	36.245019	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	3	8		16	8							
		56	I-95 MED	-77.730032	36.246090	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH		2	6		16								
		57	I-95 NB SHLD	-77.728860	36.246969	REMOVE AND REPLACE PAVED DITCH	10												
		58	I-95 SB SHLD	-77.728157	36.250244	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	25	1	3		8								
		59	I-95 SB SHLD	-77.727493	36.252394	REMOVE AND REPLACE PIPE	20	2	6			16							
		60	I-95 MED	-77.727036	36.252936	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	2	6			16							
		61	I-95 MED	-77.726831	36.253593	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	2	6			16							
		62	I-95 NB SHLD	-77.726094	36.255208	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON													
		63	I-95 NB SHLD	-77.725752	36.256318	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON													
		64	I-95 MED	-77.726026	36.256399	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	3	8		16	8							
		65	I-95 MED	-77.725137	36.259461	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	2	6			16							
		66	I-95 SB SHLD	-77.724840	36.261530	REMOVE AND REPLACE DRAINAGE STRUCTURE	5	1	3									8	
		67	I-95 MED	-77.724508	36.261620	REMOVE AND REPLACE PIPE	5	2	6			16							
TOTAL							730	105	307	216	352	112	88	32	40	16			
SAY							730	105	307	216	352	112	88	32	40	16			500
I-5932A TOTAL							800	83	240	144	352	80	16	32			64		500
I-5932B TOTAL							730	105	307	216	352	112	88	32	40	16			500
GRAND TOTAL							1530	188	547	360	704	192	104	64	40	48	8	64	1000

SUMMARY OF QUANTITIES - DRAINAGE

PROJECT NUMBER	COUNTY	BOX NUMBER	ROUTE	LONG	LAT	DESCRIPTION	PROJECT NO. I-5932B - 45873.3.3									SHEET NO. 17		TOTAL NO.			
							SHOULDER DRAIN	4" SHOULDER DRAIN PIPE	4" OUTLET PIPE FOR SHOULDER DRAINS	CONCRETE PAD FOR SHOULDER DRAIN PIPE OUTLET	PIPE COLLARS	FLOWABLE FILL	MASONRY DRAINAGE STRUCTURES	MASONRY DRAINAGE STRUCTURES	FRAME WITH TWO GRATES, STD 840.22	GENERIC DRAINAGE ITEM- CONCRETE APRON	GENERIC DRAINAGE ITEM- TRASH GRATE FOR 24" RCP FES	4" CONCRETE PAVED DITCH	SEDIMENT CONTROL STONE		
							LF	LF	LF	EA	CY	CY	EA	LF	EA	EA	EA	SY	TON		
I-5932B - 45873.3.3	HALIFAX	1	I-95 SB SHLD	-77.767337	36.178933	REMOVE AND REPLACE PIPE	2099000000-E	2110000000-E	2121000000-E	2132000000-N	2253000000-E	2275000000-E	2286000000-N	2308000000-E	2365000000-N	2473000000-N	2473000000-N	2619000000-E	6012000000-E		
		2	I-95 MED	-77.767015	36.178873	REMOVE AND REPLACE PAVED DITCH AND FRAME W/ GRATE					0.764								11	5	
		3	I-95 NB SHLD	-77.766610	36.178919	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON											1			12	5
		4	I-95 MED	-77.766087	36.180584	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.893			1						11	5
		5	I-95 MED	-77.765618	36.181614	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.893			1		2				11	5
		6	I-95 MED	-77.765280	36.182390	REMOVE AND REPLACE PAVED DITCH AND FRAME W/ GRATE					0.798									11	5
		7	I-95 NB SHLD	-77.764959	36.182388	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON													1	11	5
		8	I-95 MED	-77.763693	36.186562	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON													1	12	5
		9	I-95 MED	-77.763102	36.188148	REMOVE AND REPLACE CONCRETE APRON													1		5
		10	I-95 MED	-77.762294	36.190238	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE					0.656								1	11	5
		11	I-95 MED	-77.761030	36.193651	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON													1	10	5
		12	I-95 MED	-77.760731	36.194434	REMOVE AND REPLACE CONCRETE APRON AND PIPE					0.893							1			5
		13	I-95 MED	-77.760222	36.195741	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.893			1						10	5
		14	I-95 SB SHLD	-77.760512	36.195817	REMOVE AND REPLACE CONCRETE APRON												1			5
		15	I-95 MED	-77.759451	36.197843	REMOVE AND REPLACE CONCRETE APRON AND PIPE					0.4465								1		5
		16	I-95 NB SHLD	-77.757955	36.200989	REMOVE AND REPLACE DRAINAGE STRUCTURE					0.399				1						5
		17	I-95 NB SHLD	-77.755699	36.206915	REMOVE AND REPLACE PIPE					1.013										5
		18	I-95 MED	-77.755962	36.207043	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.893				1					10	5
		19	I-95 SB SHLD	-77.755833	36.208229	REMOVE AND REPLACE CONCRETE APRON												1			5
		20	I-95 NB SHLD	-77.754610	36.209888	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.4465				1					10	5
		21	I-95 MED	-77.754836	36.210006	REMOVE AND REPLACE PIPE					0.5526										5
		22	I-95 MED	-77.754334	36.211390	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE					1.691							1		10	5
		23	I-95 NB SHLD	-77.754073	36.211372	REMOVE AND REPLACE DRAINAGE STRUCTURE					0.399				1						5
		24	I-95 SB SHLD	-77.754624	36.211607	REMOVE AND REPLACE CONCRETE APRON												1			5
		25	I-95 MED	-77.753904	36.212553	REMOVE AND REPLACE PIPE					1.786										5
		26	I-95 NB SHLD	-77.753009	36.214082	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.4465						1			19	5
		27	I-95 MED	-77.753267	36.214191	REMOVE AND REPLACE CONCRETE APRON AND PIPE					0.893								1		5
		28	I-95 MED	-77.750110	36.219735	REMOVE AND REPLACE PAVED DITCH AND PIPE					5.158									14	5
		29	I-95 NB SHLD	-77.748205	36.221844	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE					0.399							1		11	5
		30	I-95 SB SHLD	-77.748762	36.222152	REMOVE AND REPLACE PAVED DITCH														11	5
		31	I-95 MED	-77.748398	36.222067	REMOVE AND REPLACE DRAINAGE STRUCTURE					1.2445				1					10	5
		32	I-95 MED	-77.747780	36.222897	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE					1.691									8	5
		33	I-95 NB SHLD	-77.747514	36.222770	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON												1		10	5
		34	I-95 NB SHLD	-77.746736	36.223936	REMOVE AND REPLACE PAVED DITCH														11	5
		35	I-95 MED	-77.746898	36.224071	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE					1.7971							1		8	5
		36	I-95 MED	-77.746346	36.224789	REMOVE AND REPLACE PIPE					1.1052										5
		37	I-95 MED	-77.745899	36.225384	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE					0.5526							1		10	5
		38	I-95 MED	-77.743797	36.228108	REMOVE AND REPLACE PAVED DITCH														10	5
		39	I-95 MED	-77.742897	36.229269	REMOVE AND REPLACE PIPE					0.399										5
		40	I-95 SB SHLD	-77.741745	36.231204	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.893						1			67	5
		41	I-95 MED	-77.739978	36.233092	REMOVE AND REPLACE PAVED DITCH														10	5
		42	I-95 MED	-77.739093	36.234244	REMOVE AND REPLACE PIPE					0.893										5
		43	I-95 MED	-77.738405	36.235128	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE					1.3395							1		10	5
		44	I-95 MED	-77.737262	36.236618	REMOVE AND REPLACE CONCRETE APRON AND PIPE					1.2445							1			5
		45	I-95 NB SHLD	-77.737018	36.236601	REMOVE AND REPLACE DRAINAGE STRUCTURE					0.399						1				5
		46	I-95 MED	-77.735884	36.237895	REMOVE AND REPLACE PIPE					6.676										5
		47	I-95 NB SHLD	-77.734979	36.239154	REMOVE AND REPLACE DRAINAGE STRUCTURE					1.5042						1				5
		48	I-95 NB SHLD	-77.734138	36.240314	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					1.1052									10	5
		49	I-95 MED	-77.734347	36.240416	REMOVE AND REPLACE DRAINAGE STRUCTURE					0.9991										5
		50	I-95 MED	-77.733259	36.241851	REMOVE AND REPLACE DRAINAGE STRUCTURE					3.0305						1				5
		51	I-95 SB SHLD	-77.733439	36.242022	REMOVE AND REPLACE CONCRETE APRON AND PIPE					0.399							1			5
		52	I-95 NB SHLD	-77.732936	36.241810	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE					0.399									7	5
		53	I-95 MED	-77.731715	36.243855	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE					1.312							1		11	5
		54	I-95 SB SHLD	-77.731106	36.245086	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.399									81	5
		55	I-95 MED	-77.730825	36.245019	REMOVE AND REPLACE DRAINAGE STRUCTURE					1.2445						1				5
		56	I-95 MED	-77.730032	36.246090	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.893						1			11	5
		57	I-95 NB SHLD	-77.728860	36.246969	REMOVE AND REPLACE PAVED DITCH														14	5
		58	I-95 SB SHLD	-77.728157	36.250244	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH					0.4465						1			7	5
		59	I-95 SB SHLD	-77.727493	36.252394	REMOVE AND REPLACE PIPE					1.1052										5
		60	I-95 MED	-77.727036	36.252936	REMOVE AND REPLACE DRAINAGE STRUCTURE					1.312						1				5
		61	I-95 MED	-77.726831	36.253593	REMOVE AND REPLACE DRAINAGE STRUCTURE					1.312						1				5
		62	I-95 NB SHLD	-77.726094	36.255208	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON														10	5
		63	I-95 NB SHLD	-77.725752	36.256318	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON														10	5
		64	I-95 MED	-77.726026	36.256399	REMOVE AND REPLACE DRAINAGE STRUCTURE					1.2445										5
		65	I-95 MED	-77.725137	36.259461	REMOVE AND REPLACE DRAINAGE STRUCTURE					1.1052										5
		66	I-95 SB SHLD	-77.724840	36.261530	REMOVE AND REPLACE DRAINAGE STRUCTURE					0.764										5
		67	I-95 MED	-77.724508	36.261620	REMOVE AND REPLACE PIPE					1.528										5
TOTAL											58.6504							510	335		
SAY											60	50	24	12	26	25		510	335		
I-5932A TOTAL							80	80	90	2	44	50	30	13	30	4	1	560	225		
I-5932B TOTAL											60	50	24	12	26	25		510	335		
GRAND TOTAL							80	80	90	2	104	100	54	25	56	29	1	1070	560		

SUMMARY OF QUANTITIES - DRAINAGE



PROJECT NO. 1-5932B - 45873.3.3
SHEET NO. 18
TOTAL NO.

PROJECT NUMBER	COUNTY	BOX NUMBER	ROUTE	LONG	LAT	DESCRIPTION	1/4" HARDWARE CLOTH	WATTLE	SEEDING & MULCHING	PROJECT NO.		SHEET NO.	TOTAL NO.
							LF	LF	ACR	1-5932B - 45873.3.3		18	
							604200000-E	607101000-E	608400000-E				
		1	I-95 SB SHLD	-77.767337	36.178933	REMOVE AND REPLACE PIPE	40	40	0.1				
		2	I-95 MED	-77.767015	36.178873	REMOVE AND REPLACE PAVED DITCH AND FRAME W/ GRATE	40	40	0.1				
		3	I-95 NB SHLD	-77.766610	36.178919	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON	40	40	0.1				
		4	I-95 MED	-77.766087	36.180584	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		5	I-95 MED	-77.765618	36.181614	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		6	I-95 MED	-77.765280	36.182390	REMOVE AND REPLACE PAVED DITCH AND FRAME W/ GRATE	40	40	0.1				
		7	I-95 NB SHLD	-77.764959	36.182388	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON	40	40	0.1				
		8	I-95 MED	-77.763693	36.186562	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON	40	40	0.1				
		9	I-95 MED	-77.763102	36.188148	REMOVE AND REPLACE CONCRETE APRON	40	40	0.1				
		10	I-95 MED	-77.762294	36.190238	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	40	40	0.1				
		11	I-95 MED	-77.761030	36.193651	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON	40	40	0.1				
		12	I-95 MED	-77.760731	36.194434	REMOVE AND REPLACE CONCRETE APRON AND PIPE	40	40	0.1				
		13	I-95 MED	-77.760222	36.195741	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		14	I-95 SB SHLD	-77.760512	36.195817	REMOVE AND REPLACE CONCRETE APRON	40	40	0.1				
		15	I-95 MED	-77.759451	36.197843	REMOVE AND REPLACE CONCRETE APRON AND PIPE	40	40	0.1				
		16	I-95 NB SHLD	-77.757955	36.200989	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		17	I-95 NB SHLD	-77.755699	36.206915	REMOVE AND REPLACE PIPE	40	40	0.1				
		18	I-95 MED	-77.755962	36.207043	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		19	I-95 SB SHLD	-77.755833	36.208229	REMOVE AND REPLACE CONCRETE APRON	40	40	0.1				
		20	I-95 NB SHLD	-77.754610	36.209888	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		21	I-95 MED	-77.754836	36.210006	REMOVE AND REPLACE PIPE	40	40	0.1				
		22	I-95 MED	-77.754334	36.211390	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	40	40	0.1				
		23	I-95 NB SHLD	-77.754073	36.211372	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		24	I-95 SB SHLD	-77.754624	36.211607	REMOVE AND REPLACE CONCRETE APRON	40	40	0.1				
		25	I-95 MED	-77.753904	36.212553	REMOVE AND REPLACE PIPE	40	40	0.1				
		26	I-95 NB SHLD	-77.753009	36.214082	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		27	I-95 MED	-77.753267	36.214191	REMOVE AND REPLACE CONCRETE APRON AND PIPE	40	40	0.1				
		28	I-95 MED	-77.750110	36.219735	REMOVE AND REPLACE PAVED DITCH AND PIPE	40	40	0.1				
		29	I-95 NB SHLD	-77.748205	36.221844	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	40	40	0.1				
		30	I-95 SB SHLD	-77.748762	36.222152	REMOVE AND REPLACE PAVED DITCH	40	40	0.1				
		31	I-95 MED	-77.748398	36.222067	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		32	I-95 MED	-77.747780	36.222897	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	40	40	0.1				
		33	I-95 NB SHLD	-77.747514	36.222770	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON	40	40	0.1				
		34	I-95 NB SHLD	-77.746736	36.223936	REMOVE AND REPLACE PAVED DITCH	40	40	0.1				
		35	I-95 MED	-77.746898	36.224071	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	40	40	0.1				
		36	I-95 MED	-77.746346	36.224789	REMOVE AND REPLACE PIPE	40	40	0.1				
		37	I-95 MED	-77.745899	36.225384	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	40	40	0.1				
		38	I-95 MED	-77.743797	36.228108	REMOVE AND REPLACE PAVED DITCH	40	40	0.1				
		39	I-95 MED	-77.742897	36.229269	REMOVE AND REPLACE PIPE	40	40	0.1				
		40	I-95 SB SHLD	-77.741745	36.231204	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		41	I-95 MED	-77.739978	36.233092	REMOVE AND REPLACE PAVED DITCH	40	40	0.1				
		42	I-95 MED	-77.739093	36.234244	REMOVE AND REPLACE PIPE	40	40	0.1				
		43	I-95 MED	-77.738405	36.235128	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	40	40	0.1				
		44	I-95 MED	-77.737262	36.236618	REMOVE AND REPLACE CONCRETE APRON AND PIPE	40	40	0.1				
		45	I-95 NB SHLD	-77.737018	36.236601	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		46		-77.735884	36.237895	REMOVE AND REPLACE PIPE	40	40	0.1				
		47	I-95 NB SHLD	-77.734979	36.239154	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		48	I-95 NB SHLD	-77.734138	36.240314	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		49	I-95 MED	-77.734347	36.240416	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		50	I-95 MED	-77.733259	36.241851	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		51	I-95 SB SHLD	-77.733439	36.242022	REMOVE AND REPLACE CONCRETE APRON AND PIPE	40	40	0.1				
		52	I-95 NB SHLD	-77.732936	36.241810	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	40	40	0.1				
		53	I-95 MED	-77.731715	36.243855	REMOVE AND REPLACE PAVED DITCH, CONCRETE APRON, AND PIPE	40	40	0.1				
		54	I-95 SB SHLD	-77.731106	36.245086	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		55	I-95 MED	-77.730825	36.245019	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		56	I-95 MED	-77.730032	36.246090	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		57	I-95 NB SHLD	-77.728860	36.246969	REMOVE AND REPLACE PAVED DITCH	40	40	0.1				
		58	I-95 SB SHLD	-77.728157	36.250244	REMOVE AND REPLACE DRAINAGE STRUCTURE AND PAVED DITCH	40	40	0.1				
		59	I-95 SB SHLD	-77.727493	36.252394	REMOVE AND REPLACE PIPE	40	40	0.1				
		60	I-95 MED	-77.727036	36.252936	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		61	I-95 MED	-77.726831	36.253593	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		62	I-95 NB SHLD	-77.726094	36.255208	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON	40	40	0.1				
		63	I-95 NB SHLD	-77.725752	36.256318	REMOVE AND REPLACE PAVED DITCH AND CONCRETE APRON	40	40	0.1				
		64	I-95 MED	-77.726026	36.256399	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		65	I-95 MED	-77.725137	36.259461	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		66	I-95 SB SHLD	-77.724840	36.261530	REMOVE AND REPLACE DRAINAGE STRUCTURE	40	40	0.1				
		67	I-95 MED	-77.724508	36.261620	REMOVE AND REPLACE PIPE	40	40	0.1				
TOTAL							2680	2680	6.7				
SAY							2680	2680	6.7				
I-5932A TOTAL							1800	1800	4.5				
I-5932B TOTAL							2680	2680	6.7				
GRAND TOTAL							4480	4480	11.2				

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
HALIFAX COUNTY**

LOCATION: I-95 – FROM NC 561 (MILEMARKER 160) TO MILEMARKER 168

PROJECT REFERENCE NO. I-5932A	SHEET NO. SIGN-1
APPROVED:  F32AC5CAF965472	
DATE: 7/26/2021	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

T.I.P.: I-5932A

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
904.20	SECONDARY SIGN MOUNTING
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

GENERAL NOTES

- . SIGNS FURNISHED BY STATE
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . ALL 'A', 'B', & 'D' SIGNS TO BE MOUNTED ON EXISTING SUPPORTS.

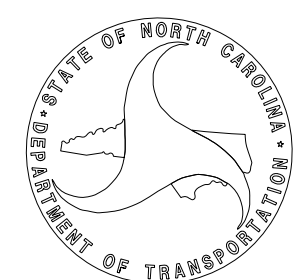
SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	16	L.F.
4096000000	904	SIGN ERECTION, TYPE D	17	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	19	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	15	EA.
4236000000	907	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)	34	EA.
4238000000	907	DISPOSAL OF SIGN, D, E OR F	17	EA.

CONTRACT:

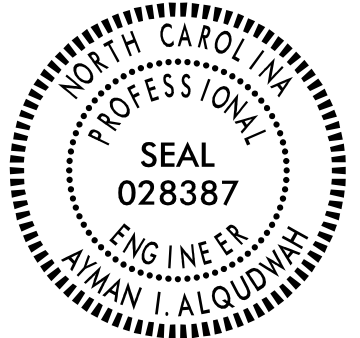
PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

A.ALQUDWAH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER
S.JOHNS SIGNING & DELINEATION PROJECT DESIGN ENGINEER



INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2 & 2A	REVISED SIGNING ROADWAY STANDARD DRAWINGS
SIGN-3-3H	SIGN DESIGNS
SIGN-4-10	SIGNING PLAN SHEET



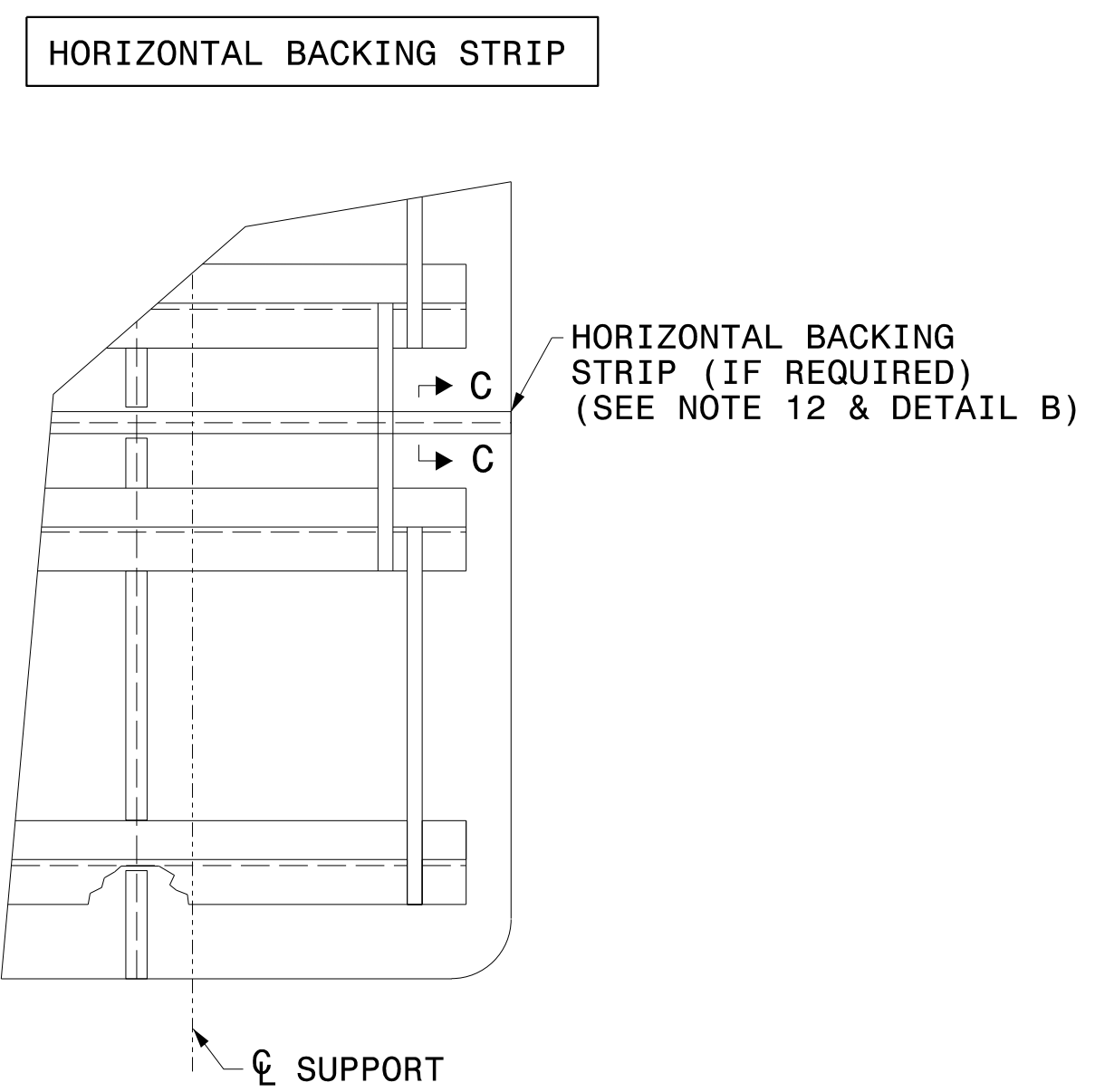
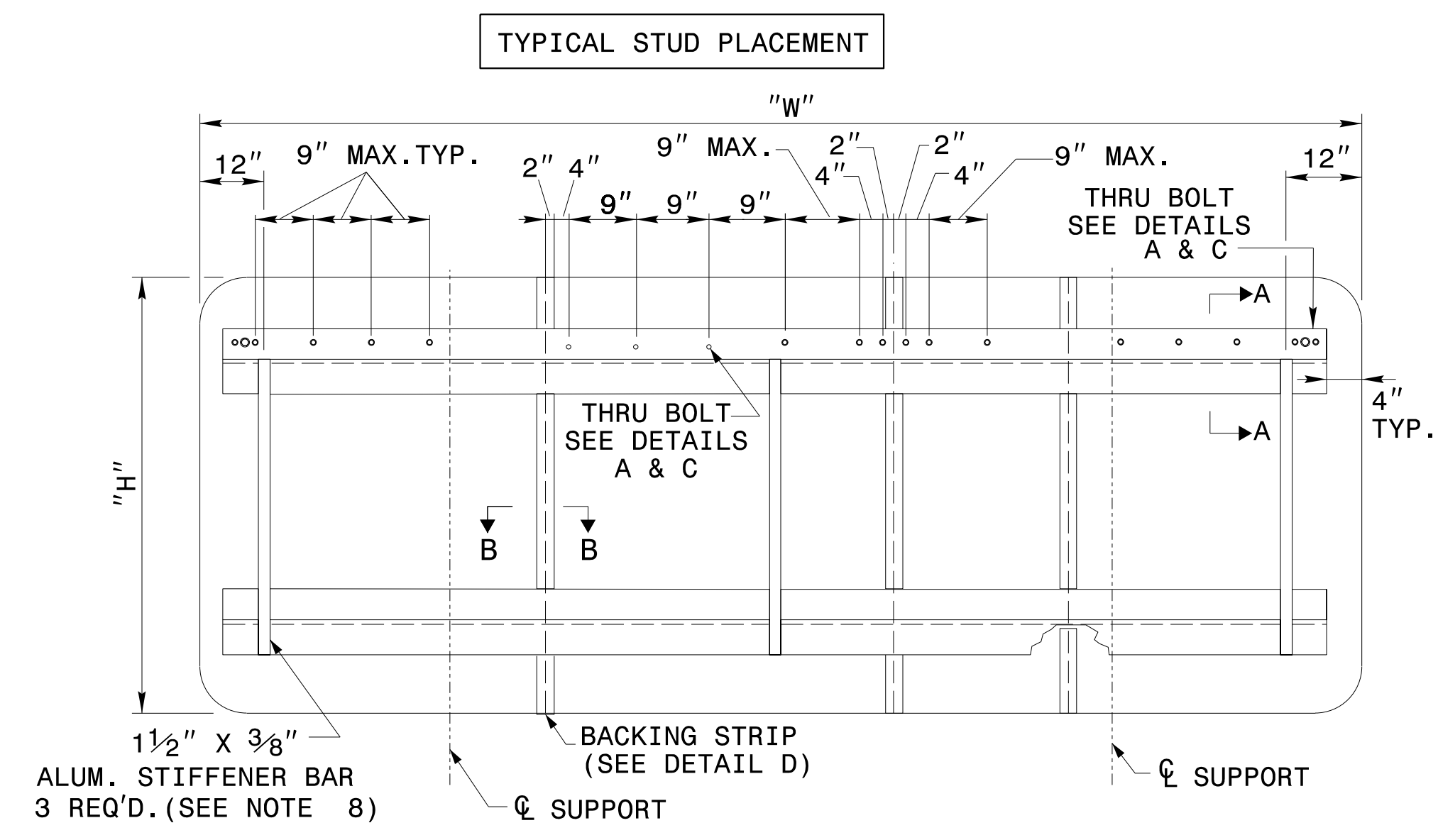
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2-19

ENGLISH DETAIL DRAWING FOR
TYPE 'A' SIGNS
WELDED STUD CONSTRUCTION

SHEET 1 OF 2

901D10



NOTES:

1. USE THE NUMBER AND SIZE OF SUPPORTS SHOWN ON THE SUPPORT CHART IN PROJECT PLANS.
2. FABRICATE SIGN PANEL SECTIONS WITH SHEETS 4'-0" WIDE. WHEN FABRICATING SIGNS WHICH ARE NOT MULTIPLES OF 4'-0" IN WIDTH, DO NOT CUT MORE THAN TWO SHEETS TO LESS THAN 4'-0" IN WIDTH. THESE PANELS SHALL NOT BE LESS THAN 1'-0" IN WIDTH.
3. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, FOR TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES, AND SUPPORTS.
4. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
5. SEE ROADWAY STANDARD 904.20 WHEN TYPE "B" SECONDARY SIGN MOUNTING IS REQUIRED.
6. DETAILS FOR TYPE "A" SECONDARY SIGNS SHALL BE THE SAME AS FOR TYPE "A" SIGNS.
7. THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS TWO (2) INCHES.
8. ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
9. SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.
10. FABRICATE SIGNS TALLER THAN 12'-0" AS TWO SEPARATE SIGNS WITH A HORIZONTAL SPLICE. LOCATE STRINGERS ON EACH SECTION OF THE SIGN BY THE SIGN STRINGER CHART. (SEE ROADWAY STANDARD 901.70)
11. FABRICATE SIGNS TALLER THAN 12'-0" BUT SHORTER THAN 14'-6" WITH A HORIZONTAL SPLICE LOCATED 7'-0" FROM BOTTOM OF SIGN.
12. FABRICATE SIGNS 14'-6" TALL AND TALLER WITH A HORIZONTAL SPLICE. LOCATE THE SPLICE AT LEAST HALF OF THE SIGN HEIGHT FROM THE BOTTOM AND AT LEAST 7'-0" FROM THE TOP.
13. THERE SHALL ONLY BE A 1/8" GAP BETWEEN THE VERTICAL BACKING STRIP AND THE "Z" BAR.
14. SEE ROADWAY STANDARD 901.80 FOR DETAILS SHOWING SIGN MOUNTING TO SUPPORTS.
15. PLACE NYLON WASHER UNDER HEAD OF 3/8" THRU BOLTS.
16. FABRICATE EACH SIGN WITH 3/8" DIA. THRU BOLT, 4" FROM EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR. SEE DETAILS A & C.
17. FABRICATE EACH SIGN WITH 3/8" DIA. THRU BOLT CENTERED IN EACH PANEL THRU THE TOP AND BOTTOM "Z" BAR. CENTERED THRU BOLT REQUIRED IN END PANELS GREATER THAN 2'-0" WIDE. SEE DETAILS A & C.
18. THRU BOLTS WILL HAVE A MINIMUM 1/16" TO MAXIMUM 1/8" GAP

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2-19

ENGLISH DETAIL DRAWING FOR
TYPE 'A' SIGNS
WELDED STUD CONSTRUCTION

SHEET 1 OF 2

901D10

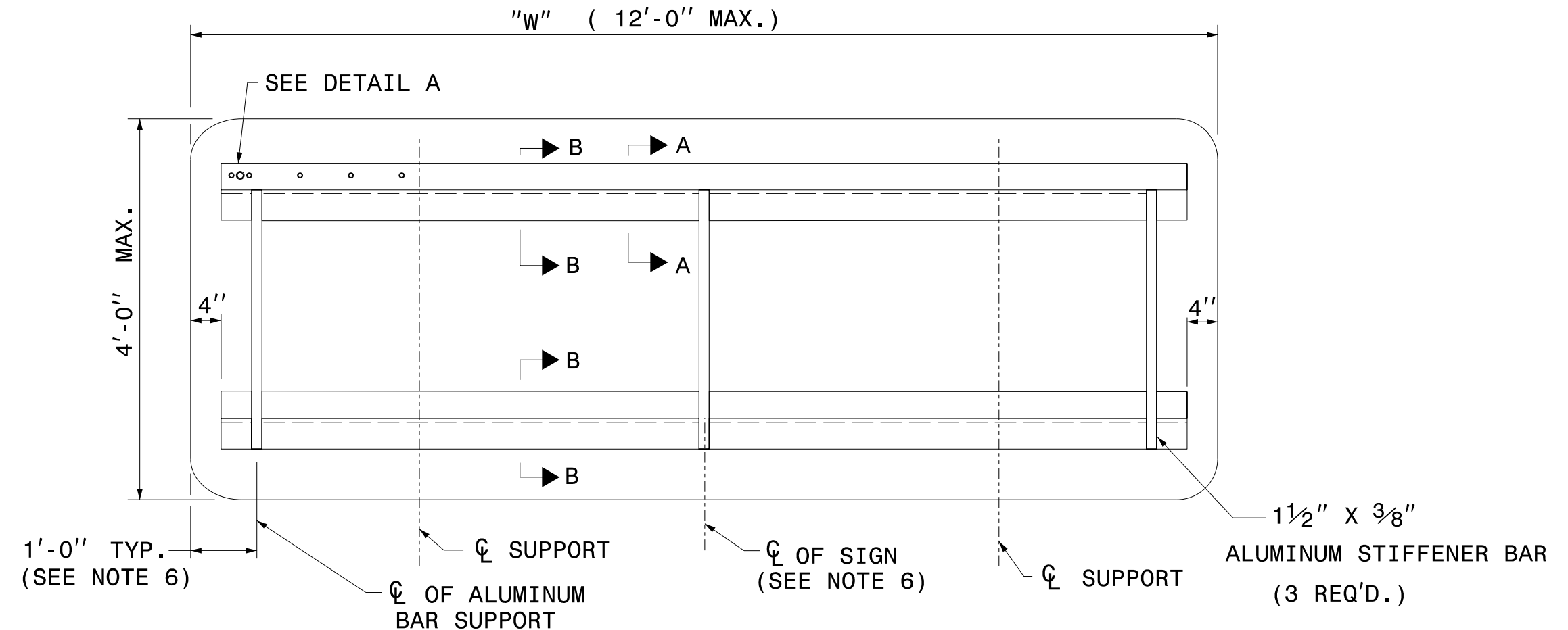
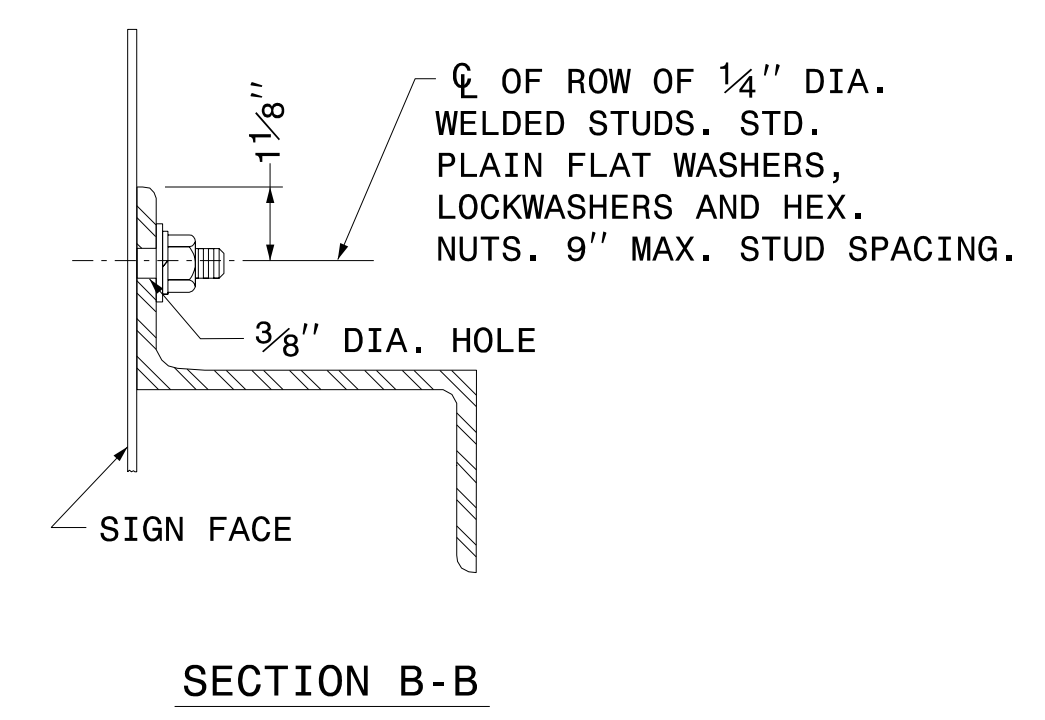
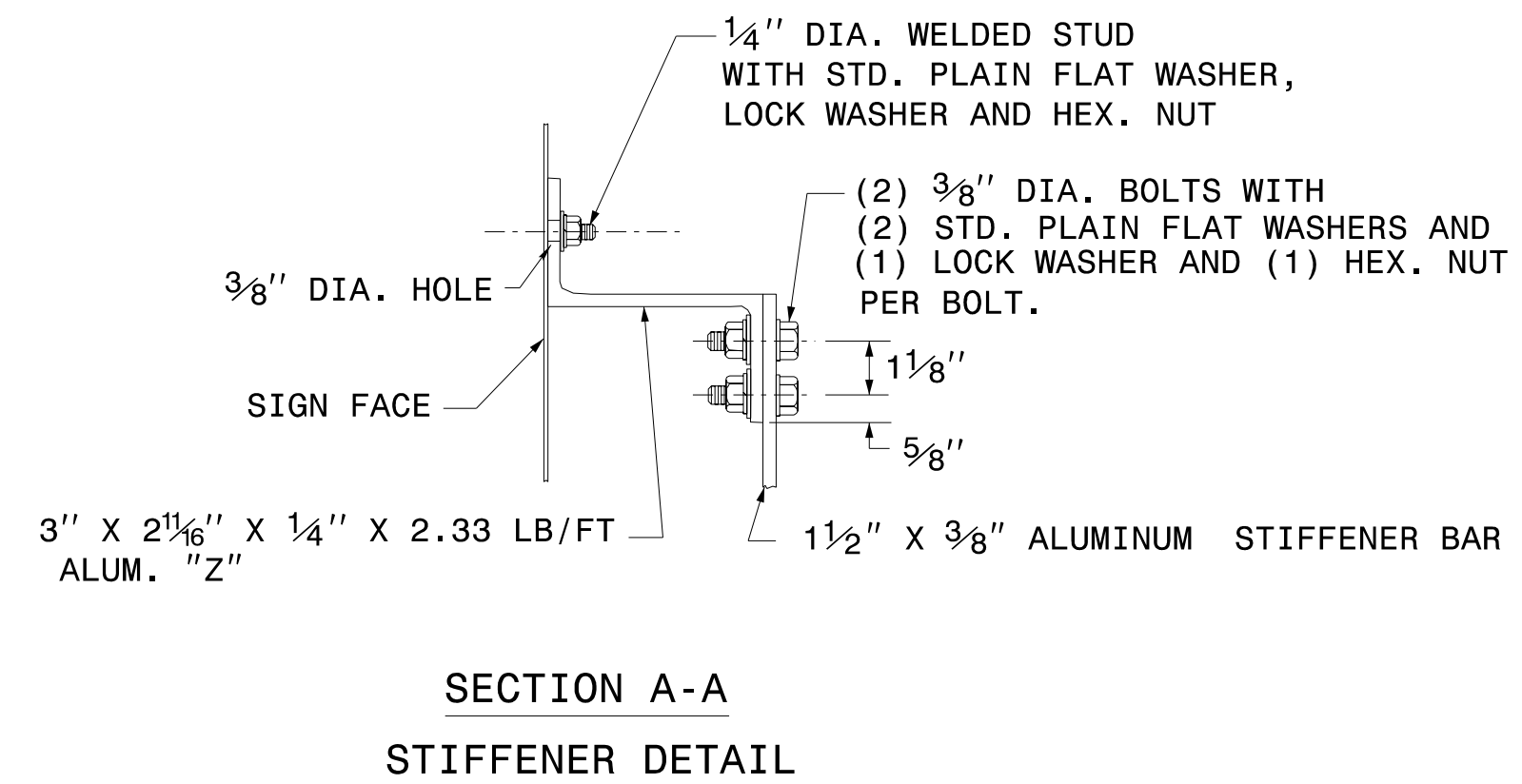
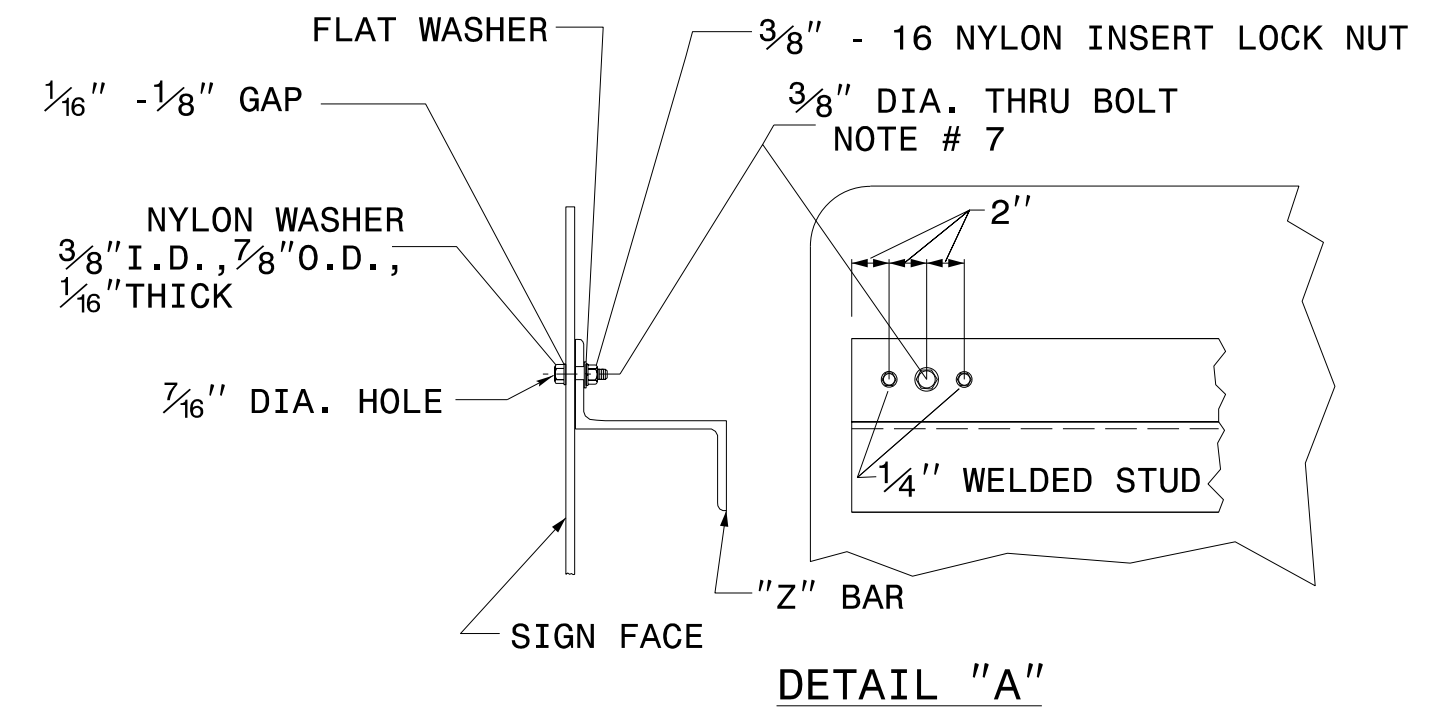
07/23/21
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User:johns

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2-19

ENGLISH DETAIL DRAWING FOR
TYPE 'B' SIGNS
WELDED STUD CONSTRUCTION

SHEET 1 OF 1
901D20



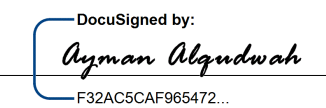
- NOTES:
1. USE NUMBER AND SIZE OF SUPPORTS SHOWN ON SUPPORT CHART IN PROJECT PLAN SHEETS.
 2. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES FOR THE TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES AND SUPPORTS.
 3. FURNISH ALL MOUNTING HARDWARE.
 4. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
 5. THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS TWO (2) INCHES.
 6. ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
 7. FABRICATE EACH SIGN WITH A 3/8" DIA. BOLT 4" FROM EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR.
 8. SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.
 9. SEE ROADWAY STANDARD 901.80 FOR DETAILS SHOWING SIGN MOUNTING TO SUPPORTS.
 10. PLACE NYLON WASHER UNDER HEAD OF 3/8" THRU BOLT.
 11. THRU BOLTS WILL HAVE A MINIMUM 1/16" TO MAXIMUM 1/8" GAP.

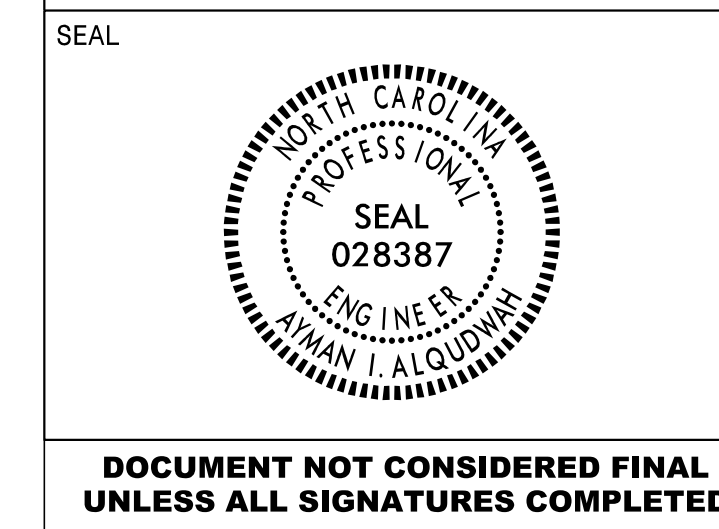
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2-19

ENGLISH DETAIL DRAWING FOR
TYPE 'B' SIGNS
WELDED STUD CONSTRUCTION

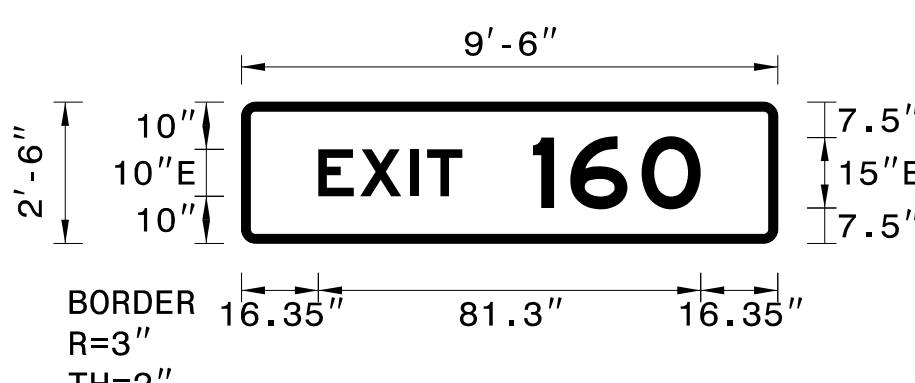
SHEET 1 OF 1
901D20

APPROVED: 
DATE: 7/26/2021



SIGN NUMBER: 101A, 106A, 108A, 122A BACKG COLOR: Green
TYPE: B COPY COLOR: White
QUANTITY: 4
SIGN WIDTH: 9'-6"
HEIGHT: 2'-6"
TOTAL AREA: 23.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 106.0
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns CHECKED BY: A. Alqudwah
PROJECT ID: I-5932A LOCATION: I-95 - Halifax Co. Jun 17, 2021
DIV: 4



USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

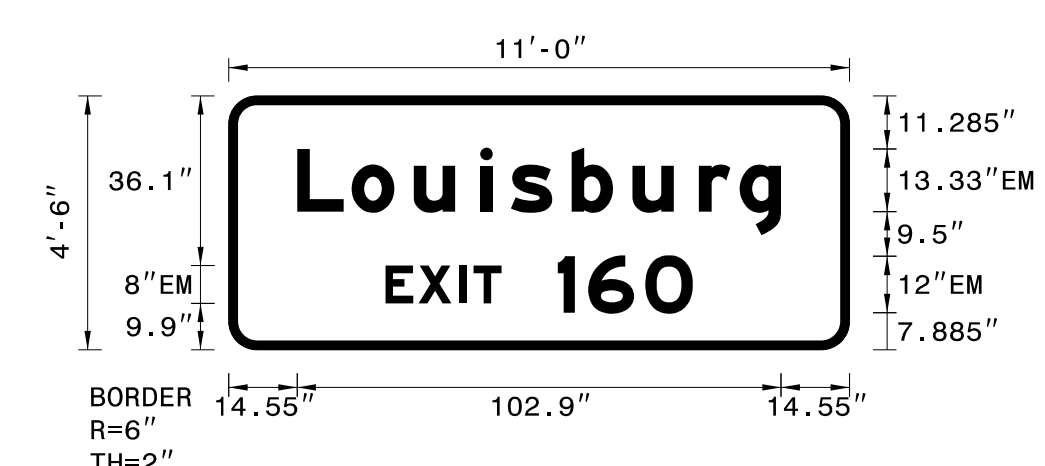
Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	81.3

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 107
TYPE: B BACKG COLOR: Green
COPY COLOR: White
QUANTITY: 1
SIGN WIDTH: 11'-0"
HEIGHT: 4'-6"
TOTAL AREA: 49.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"
NO. Z BARS: 2
LENGTH: 124.0
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns CHECKED BY: A. Alqudwah
PROJECT ID: I-5932A LOCATION: I-95 - Halifax Co. Jun 16, 2021
DIV: 4



USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

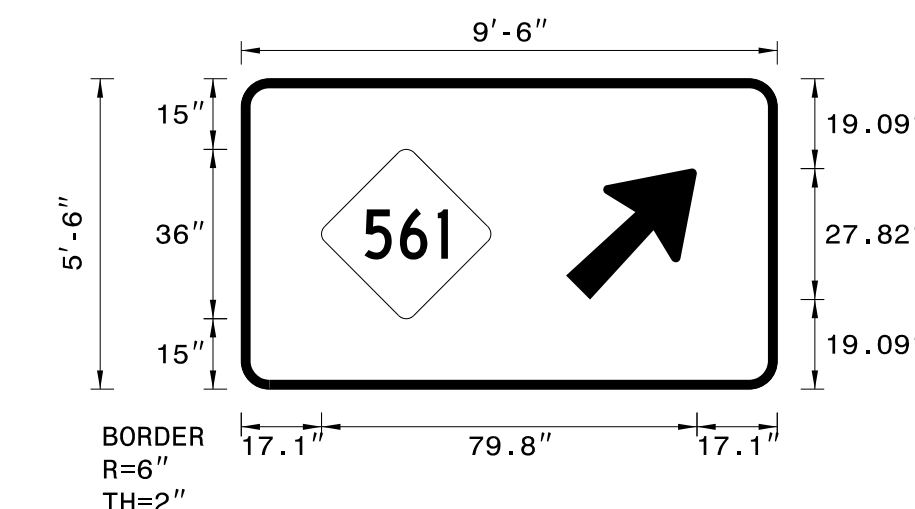
Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	102.9
EM 2000	65.3

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 101B, 106B
TYPE: A BACKG COLOR: Green
COPY COLOR: White
QUANTITY: 2
SIGN WIDTH: 9'-6"
HEIGHT: 5'-6"
TOTAL AREA: 52.3 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"
NO. Z BARS: 2
LENGTH: 106.0
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns CHECKED BY: A. Alqudwah
PROJECT ID: I-5932A LOCATION: I-95 - Halifax Co. Jun 16, 2021
DIV: 4



USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

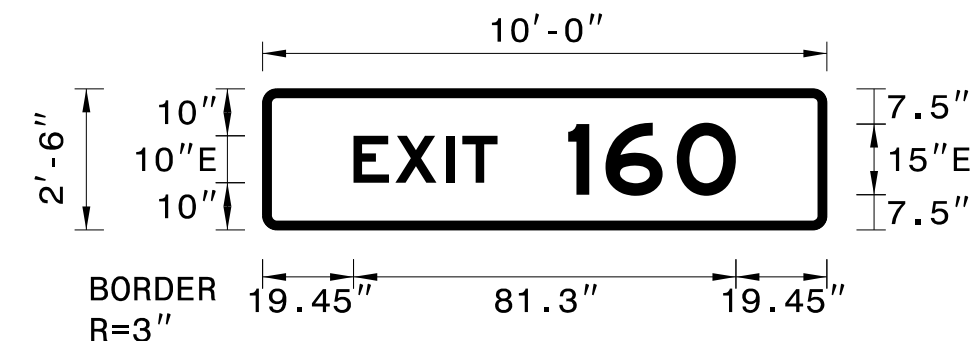
Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	81.3

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 108A
TYPE: B BACKG COLOR: Green
COPY COLOR: White
QUANTITY: 1
SIGN WIDTH: 10'-0"
HEIGHT: 2'-6"
TOTAL AREA: 25.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 112.0
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns CHECKED BY: A. Alqudwah
PROJECT ID: I-5932A LOCATION: I-95 - Halifax Co. Jun 16, 2021
DIV: 4



USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

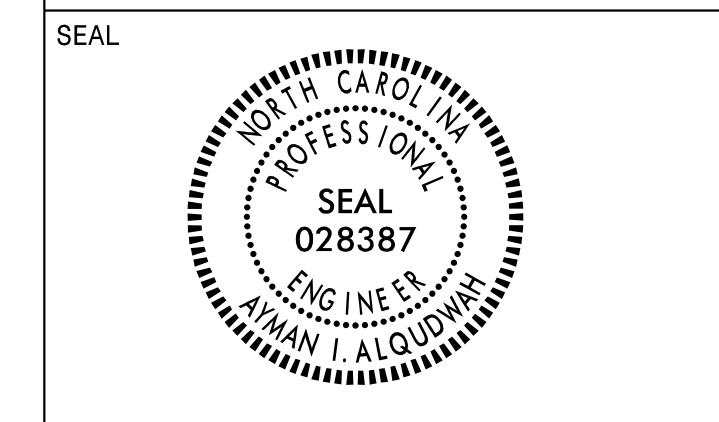
Series/Size	Text Length
E 2000	81.3

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

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 Users\johns

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
 DATE: 7/26/2021



DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 1088 **BACKG COLOR:** Green **DESIGN BY:** S.Johns **CHECKED BY:** A. Alqudwah **Jun 17, 2021**
TYPE: A **COPY COLOR:** White **PROJECT ID:** I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1-5-3-24-7C	45	37.2	36	36

SIGN WIDTH: 10'-6"
HEIGHT: 7'-0"
TOTAL AREA: 73.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 118.0

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	1	M	I	L	E	Series/Size Text Length				
	36.7	4.5	15	12	4.4	9.2	7.5	36.7	E 2000	52.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design **NORTH CAROLINA D.O.T. SIGN DETAIL**

SIGN NUMBER: 110 **BACKG COLOR:** Green **DESIGN BY:** S.Johns **CHECKED BY:** A. Alqudwah **Jun 22, 2021**
TYPE: B **COPY COLOR:** White **PROJECT ID:** I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 8'-0"
HEIGHT: 3'-0"
TOTAL AREA: 24.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 88.0

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	E	N	T	E	R	I	N	G	Series/Size Text Length						
	36	3.2	3.3	3.1	3.2	3.4	1.6	3.6	2.7	36	D 2000	24			
	11.1	7.1	8.5	4.6	4.2	7.7	8.5	12	4.8	4.1	7	5.4	11.1	EM 2000	73.8
	11.1	8.6	3.9	7.8	7.8	4	8	8	7.6	7.8	4.8	5.3	11.4	EM 2000	73.5

FILENAME: I-95_Exits 154 to Exit 168 Sign Design **NORTH CAROLINA D.O.T. SIGN DETAIL**

SIGN NUMBER: 109 **BACKG COLOR:** Green **DESIGN BY:** S.Johns **CHECKED BY:** A. Alqudwah **Jun 17, 2021**
TYPE: B **COPY COLOR:** White **PROJECT ID:** I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 10'-6"
HEIGHT: 4'-6"
TOTAL AREA: 47.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 118.0

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	R	o	c	k	y	M	o	u	n	t	Series/Size Text Length					
	12.3	6.3	5.8	5.4	6	8	7.7	6.1	6.3	5.5	3.2	47.5	D 2000	66.2		
	101.2	6.4	6	12.4									D 2000	12.4		
	12.3	8.2	2.9	2.4	4.5	6.2	4.7	84.9					D 2000	28.8		
	101.2	6.4	6	12.4									D 2000	12.4		
	12.3	5.6	5.4	6.6	5.1	3.4	3.8	5.2	6.6	2.9	2.9	2.6	4.7	58.9	D 2000	54.8
	100.8	3.8	7	2	12.4								D 2000	12.8		

FILENAME: I-95_Exits 154 to Exit 168 Sign Design **NORTH CAROLINA D.O.T. SIGN DETAIL**

SIGN NUMBER: 111 **BACKG COLOR:** Green **DESIGN BY:** S.Johns **CHECKED BY:** A. Alqudwah **Jun 23, 2021**
TYPE: A **COPY COLOR:** White **PROJECT ID:** I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 19'-6"
HEIGHT: 5'-6"
TOTAL AREA: 107.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 226.0

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	R	o	a	n	o	k	e	R	a	p	i	d	s	Series/Size Text Length				
	15.6	13.2	12	14.1	12.9	13.2	11.7	8.8	13.3	13.2	14.1	12.9	6.8	12.7	8.8	50.6	EM 2000	167.8
	200.2	7.3	10.8	15.6													EM 2000	18.1
	15.6	14.4	6.8	12.9	14.1	18.8	13.2	12.9	8.8	116.4							EM 2000	102
	193.4	12.5	12.4	15.6													EM 2000	24.9

FILENAME: I-95_Exits 154 to Exit 168 Sign Design **NORTH CAROLINA D.O.T. SIGN DETAIL**

07/26/21
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 Users\johns

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
DATE: 7/26/2021



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 112A, 114A, 116A, 117A, 120A, 121A
TYPE: B
QUANTITY: 6
SIGN WIDTH: 10'-0"
HEIGHT: 2'-6"
TOTAL AREA: 25.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 112.0

BACKG COLOR: Green
COPY COLOR: White
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns
PROJECT ID: I-5932A
CHECKED BY: A. Alqudwah
LOCATION: I-95 - Halifax Co.
JUN 23, 2021
DIV: 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade c sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter													Series/Size
													Text Length
E	X	I	T	1	6	8							E 2000
19.8	8.9	10.7	3.5	7.5	15	7.9	14.7	12.2	19.8				80.4

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 113,118
TYPE: A
QUANTITY: 2
SIGN WIDTH: 15'-6"
HEIGHT: 6'-6"
TOTAL AREA: 100.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 9"
NO. Z BARS: 2
LENGTH: 178.0

BACKG COLOR: Green
COPY COLOR: White
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns
PROJECT ID: I-5932A
CHECKED BY: A. Alqudwah
LOCATION: I-95 - Halifax Co.
JUN 23, 2021
DIV: 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter													Series/Size				
													Text Length				
H	a	l	i	f	a	x							EM 2000				
55.5	14.1	14.1	8	6.7	8.5	12.9	10.7	55.5					75				
I	n	d	u	s	t	r	i	a	l	P	a	r	k	EM 2000			
12	7.2	12.9	14.1	12.7	11.6	11.2	9.9	6.8	14.1	2.7	13.3	12.8	14.1	9.9	8.8	12	162.1
E	X	I	T	1	6	8							EM 2000				
60.5	7	8.8	3	5.9	12	6.5	12.1	9.7	60.5								65

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 112B, 121B
TYPE: A
QUANTITY: 2
SIGN WIDTH: 10'-6"
HEIGHT: 9'-0"
TOTAL AREA: 94.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 118.0

BACKG COLOR: Green
COPY COLOR: White
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns
PROJECT ID: I-5932A
CHECKED BY: A. Alqudwah
LOCATION: I-95 - Halifax Co.
JUN 23, 2021
DIV: 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter													Series/Size			
													Text Length			
H	a	l	i	f	a	x							EM 2000			
18	17	17	9.6	8	10.2	15.5	12.8	18					90.1			
2	M	I	L	E	S							E 2000				
28.1	12.1	15	12	4.4	9.2	8.9	8.1	28.1								69.7

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 114B, 120B
TYPE: A
QUANTITY: 2
SIGN WIDTH: 10'-6"
HEIGHT: 9'-0"
TOTAL AREA: 94.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 118.0

BACKG COLOR: Green
COPY COLOR: White
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns
PROJECT ID: I-5932A
CHECKED BY: A. Alqudwah
LOCATION: I-95 - Halifax Co.
JUN 23, 2021
DIV: 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields: A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter													Series/Size		
													Text Length		
H	a	l	i	f	a	x							EM 2000		
18	17	17	9.6	8	10.2	15.5	12.8	18					90.1		
1	M	I	L	E	S							E 2000			
36.7	4.5	15	12	4.4	9.2	7.5	36.7								52.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

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SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
DATE: 7/26/2021



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

SIGN NUMBER: 115,119 **BACKG COLOR:** Brown
TYPE: A **COPY COLOR:** White
QUANTITY: 2

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 13'-6"
HEIGHT: 4'-6"
TOTAL AREA: 60.9 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 154.0

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jun 23, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size		
H	i	s	t	o	r	i	c	S	i	t	e		EM 2000		
13.1	15.3	6.5	11.6	10	13.2	9.9	6.8	8.8	13.3	14.9	6.7	10	8.8	13.1	135.8
E	X	I	T												EM 2000
48.5	7	8.8	3	5.9	12	6.5	12.1	9.7	48.5						65

FILENAME: I-95_Exits 154 to Exit 168 Sign Design **NORTH CAROLINA D.O.T. SIGN DETAIL**

SIGN NUMBER: 122A **BACKG COLOR:** Green
TYPE: D **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 8'-0"
HEIGHT: 2'-6"
TOTAL AREA: 20.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 154.0

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jul 20, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
E	X	I	T								EM 2000
9.9	8.9	10.7	3.5	7.5	10	7.9	15.1	12.6	9.9		76.3

FILENAME: I-95_Exits 154 to Exit 168 Sign Design **NORTH CAROLINA D.O.T. SIGN DETAIL**

SIGN NUMBER: 116B,117B **BACKG COLOR:** Green
TYPE: A **COPY COLOR:** White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
M1-5-3-24-7C	45	75.9	36	36
AR_Type A	49.1	8.1	22.4	35.3

SIGN WIDTH: 10'-6"
HEIGHT: 10'-0"
TOTAL AREA: 105.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 3 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 118.0

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jun 23, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
H	a	l	i	f	a	x					EM 2000
18	17	17	9.6	8	10.2	15.5	12.8	18			90.1

FILENAME: I-95_Exits 154 to Exit 168 Sign Design **NORTH CAROLINA D.O.T. SIGN DETAIL**

SIGN NUMBER: 122B **BACKG COLOR:** Green
TYPE: A **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1-5-3-24-7C	24	37.2	36	36

SIGN WIDTH: 7'-0"
HEIGHT: 7'-0"
TOTAL AREA: 49.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 76.0

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jun 17, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

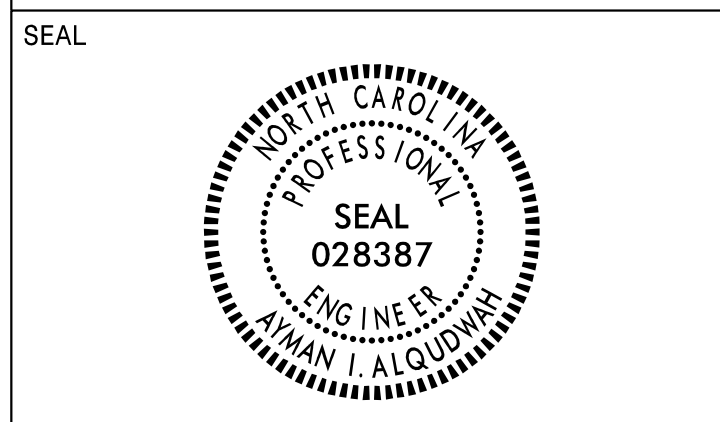
Letter spacings are to start of next letter											Series/Size
2	M	I	L	E	S						EM 2000
9.6	12.2	10	12	4.4	9.2	8.9	8.1	9.6			64.8

FILENAME: I-95_Exits 154 to Exit 168 Sign Design **NORTH CAROLINA D.O.T. SIGN DETAIL**

07/26/21
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 Users\johns

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
DATE: 7/26/2021



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

SIGN NUMBER: 201,202 **BACKG COLOR:** Green
TYPE: A **COPY COLOR:** White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
AR_Type A	67.4	6.4	18.3	28.7

SIGN WIDTH: 8'-0"
HEIGHT: 5'-0"
TOTAL AREA: 40.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

NO. Z BARS: 2
LENGTH: 88.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jun 29, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	44.4
E 2000	42.8

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 301 **BACKG COLOR:** Green
TYPE: D **COPY COLOR:** White
QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	11.2	6	6	9

SIGN WIDTH: 6'-0"
HEIGHT: 1'-6"
TOTAL AREA: 9.0 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 1.5"

NO. Z BARS: 2
LENGTH: 88.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jun 16, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	34.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 203,204 **BACKG COLOR:** Green
TYPE: A **COPY COLOR:** White
QUANTITY: 2

SYMBOL	X	Y	WID	HT
AR_Type A	61.4	10.5	18.3	28.7

SIGN WIDTH: 7'-6"
HEIGHT: 5'-0"
TOTAL AREA: 37.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

NO. Z BARS: 2
LENGTH: 82.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jun 29, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	44.4
E 2000	41.8

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

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SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
DATE: 7/26/2021



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 306 **BACKG COLOR:** Brown/Brown **DESIGN BY:** S.Johns **CHECKED BY:** A. Alqudwah **Jun 29, 2021**
TYPE: D **COPY COLOR:** White **PROJECT ID:** I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	18	3.2	4	6

SIGN WIDTH: 3'-6" **HEIGHT:** 2'-0" **TOTAL AREA:** 7.0 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 0.75" **RADII:** 3"

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter															Series/Size							
															Text Length							
S	t	a	t	e	H	i	s	t	o	r	i	c	S	i	t	e	D 2000					
5.5	2.2	1.3	1.9	1.3	1.8	2	2.5	0.8	1.5	1.3	2.2	1.4	0.8	1.8	2	2.4	0.7	1.3	1.8	5.5	31	
H	i	s	t	o	r	i	c	H	a	l	i	f	a	x								D 2000
3.1	3.3	1	2	1.8	2.9	1.9	1.1	2.4	4	3.2	2.8	1.2	1	1.6	2.5	3.1	3.1				35.9	

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 308 **BACKG COLOR:** Green / Green **DESIGN BY:** S.Johns **CHECKED BY:** A. Alqudwah **Jun 29, 2021**
TYPE: D **COPY COLOR:** White **PROJECT ID:** I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	24.8	17.1	6	9
AR_Type D	12.7	3.9	6	9

SIGN WIDTH: 7'-6" **HEIGHT:** 2'-6" **TOTAL AREA:** 18.8 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 0.75" **RADII:** 3"

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter															Series/Size						
															Text Length						
L	i	t	t	l	e	t	o	n													D 2000
36.8	4.5	1.6	2.5	3.1	1.9	3.8	2.8	4.6	3.5	24.8											28.4
R	o	c	k	y	M	o	u	n	t												D 2000
27.7	4.7	4.4	4.3	4.1	4.5	6	5.8	4.6	4.7	4.1	2.4	12.7									49.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 307 **BACKG COLOR:** Green / Green **DESIGN BY:** S.Johns **CHECKED BY:** A. Alqudwah **Jun 29, 2021**
TYPE: D **COPY COLOR:** White **PROJECT ID:** I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	20.2	23.8	6	9
AR_Type D	79.3	7.7	6	9

SIGN WIDTH: 8'-6" **HEIGHT:** 3'-0" **TOTAL AREA:** 25.5 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 0.75" **RADII:** 3"

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

Letter spacings are to start of next letter															Series/Size						
															Text Length						
R	o	c	k	y	M	o	u	n	t												D 2000
32.2	4.7	4.4	4.3	4.1	4.5	6	5.8	4.6	4.7	4.1	2.4	20.2									49.6
R	o	a	n	o	k	e	R	a	p	i	d	s									D 2000
13.7	4.7	4.3	4.6	4.4	4.6	4.3	3.5	6	4.7	4.6	4.6	1.9	4.4	2.8	28.7						59.5
W	e	l	d	o	n																D 2000
31	5.9	4.4	1.9	4.6	4.6	3.5	4.6														24.9

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 309 **BACKG COLOR:** Green / Green **DESIGN BY:** S.Johns **CHECKED BY:** A. Alqudwah **Jun 29, 2021**
TYPE: D **COPY COLOR:** White **PROJECT ID:** I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	12.2	20.1	6	9
AR_Type D	71.3	3.9	6	9

SIGN WIDTH: 8'-0" **HEIGHT:** 3'-0" **TOTAL AREA:** 24.0 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 0.75" **RADII:** 3"

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

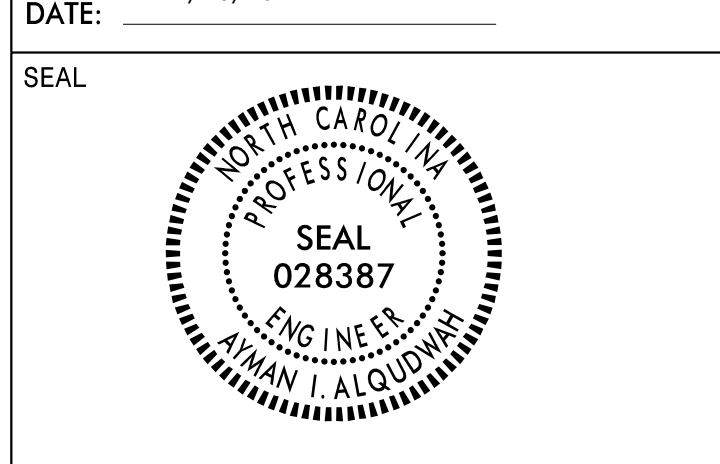
Letter spacings are to start of next letter															Series/Size						
															Text Length						
R	o	a	n	o	k	e	R	a	p	i	d	s									D 2000
24.2	4.7	4.3	4.6	4.4	4.6	4.3	3.5	6	4.7	4.6	4.6	1.9	4.4	2.8	12.2						59.5
W	e	l	d	o	n																D 2000
41.5	5.9	4.4	1.9	4.6	4.6	3.5	29.5														24.9
R	o	c	k	y	M	o	u	n	t												D 2000
15.7	4.7	4.4	4.3	4.1	4.5	6	5.8	4.6	4.7	4.1	2.4	30.7									49.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

07/26/21 S:\S&J\Eastern\Div 4\I-5932A\I-5932A_Sign_3_H.dgn Users:johns

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
DATE: 7/26/2021



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

SIGN NUMBER: 310
TYPE: D
QUANTITY: 1
SIGN WIDTH: 8'-6"
HEIGHT: 3'-0"
TOTAL AREA: 25.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green / Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	32.6	23.8	6	9
AR_Type D	13.7	7.7	6	9

DESIGN BY: S.Johns
CHECKED BY: A. Alqudwah
PROJECT ID: I-5932A
LOCATION: I-95 - Halifax Co.
Jun 29, 2021
DIV: 4

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	24.8
D 2000	59.5
D 2000	24.9

FILENAME: I-95_Exits 154 to Exit 168 Sign Design
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 312
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-0"
TOTAL AREA: 13.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	15.3	9	6	9

DESIGN BY: S.Johns
CHECKED BY: A. Alqudwah
PROJECT ID: I-5932A
LOCATION: I-95 - Halifax Co.
Jun 29, 2021
DIV: 4

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	32.3
D 2000	16

FILENAME: I-95_Exits 154 to Exit 168 Sign Design
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 311
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-0"
HEIGHT: 2'-6"
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Green / Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	16.1	19.3	6	9
AR_Type D	48.7	4.7	6	9

DESIGN BY: S.Johns
CHECKED BY: A. Alqudwah
PROJECT ID: I-5932A
LOCATION: I-95 - Halifax Co.
Jun 29, 2021
DIV: 4

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	24.8
D 2000	28.4

FILENAME: I-95_Exits 154 to Exit 168 Sign Design
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 313
TYPE: D
QUANTITY: 1
SIGN WIDTH: 3'-6"
HEIGHT: 2'-0"
TOTAL AREA: 7.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS:
LENGTH:

BACKG COLOR: Brown/Brown
COPY COLOR: White

SYMBOL	X	Y	WID	HT
AR_Type D	18	3.2	4	6

DESIGN BY: S.Johns
CHECKED BY: A. Alqudwah
PROJECT ID: I-5932A
LOCATION: I-95 - Halifax Co.
Jun 29, 2021
DIV: 4

USE NOTES: 1,2
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

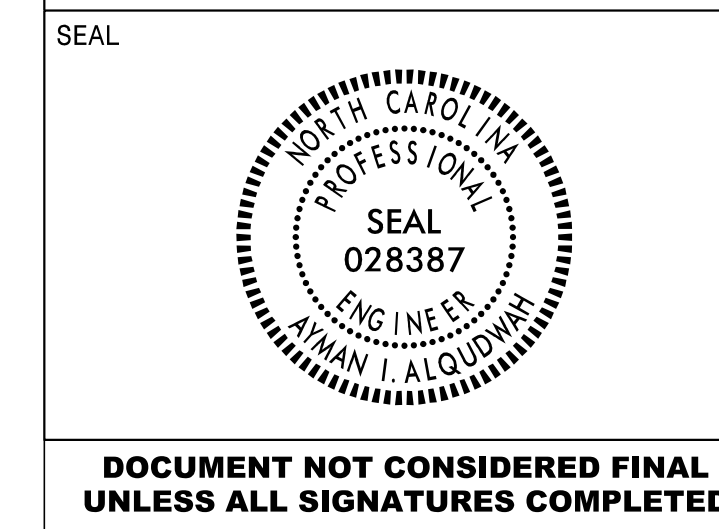
Series/Size	Text Length
D 2000	31
D 2000	35.9

FILENAME: I-95_Exits 154 to Exit 168 Sign Design
NORTH CAROLINA D.O.T. SIGN DETAIL

07/26/21
S:\S&LU\Eastern\Div 4\I-5932A\I-5932A_Sign_3_3H.dgn
Users\sjohns

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
DATE: 7/26/2021



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

SIGN NUMBER: 314 **BACKG COLOR:** Green / Green
TYPE: D **COPY COLOR:** White
QUANTITY: 1
SIGN WIDTH: 8'-6" **HEIGHT:** 3'-6"
TOTAL AREA: 29.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH:

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jun 16, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size			
													Text Length			
	R	o	c	k	y		M	o	u	n	t			D 2000		
32.2	4.7	4.4	4.3	4.1	4.5	6	5.8	4.6	4.7	4.1	2.4	20.2		49.6		
	R	o	a	n	o	k	e		R	a	p	i	d	s	D 2000	
13.7	4.7	4.3	4.6	4.4	4.6	4.3	3.5	6	4.7	4.6	4.6	1.9	4.4	2.8	28.7	59.5
	W	e	l	d	o	n										D 2000
31.1	5.9	4.4	1.9	4.6	4.6	3.5	46.1									24.9

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 316 **BACKG COLOR:** Green / Green
TYPE: D **COPY COLOR:** White
QUANTITY: 1
SIGN WIDTH: 8'-0" **HEIGHT:** 3'-0"
TOTAL AREA: 24.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS: **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH:

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jun 15, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size			
													Text Length			
	R	o	a	n	o	k	e		R	a	p	i	d	s	D 2000	
24.2	4.7	4.3	4.6	4.4	4.6	4.3	3.5	6	4.7	4.6	4.6	1.9	4.4	2.8	32.2	59.5
	W	e	l	d	o	n										D 2000
41.6	5.9	4.4	1.9	4.6	4.6	3.5	29.5									24.9
	R	o	c	k	y		M	o	u	n	t					D 2000
15.7	4.7	4.4	4.3	4.1	4.5	6	5.8	4.6	4.7	4.1	2.4	30.7				49.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 315 **BACKG COLOR:** Green / Green
TYPE: D **COPY COLOR:** White
QUANTITY: 1
SIGN WIDTH: 7'-6" **HEIGHT:** 2'-6"
TOTAL AREA: 18.8 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH:

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jun 16, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size	
													Text Length	
	L	o	u	i	s	b	u	r	g					D 2000
33.7	4.3	4.6	4.7	1.8	3.6	4.5	4.7	2.8	3.6	21.7				34.6
	R	o	c	k	y		M	o	u	n	t			D 2000
27.7	4.7	4.4	4.3	4.1	4.5	6	5.8	4.6	4.7	4.1	2.4	12.7		49.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 317 **BACKG COLOR:** Green
TYPE: D **COPY COLOR:** White
QUANTITY: 1
SIGN WIDTH: 8'-6" **HEIGHT:** 2'-0"
TOTAL AREA: 17.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH:

DESIGN BY: S.Johns **CHECKED BY:** A. Alqudwah **Jun 16, 2021**
PROJECT ID: I-5932A **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.

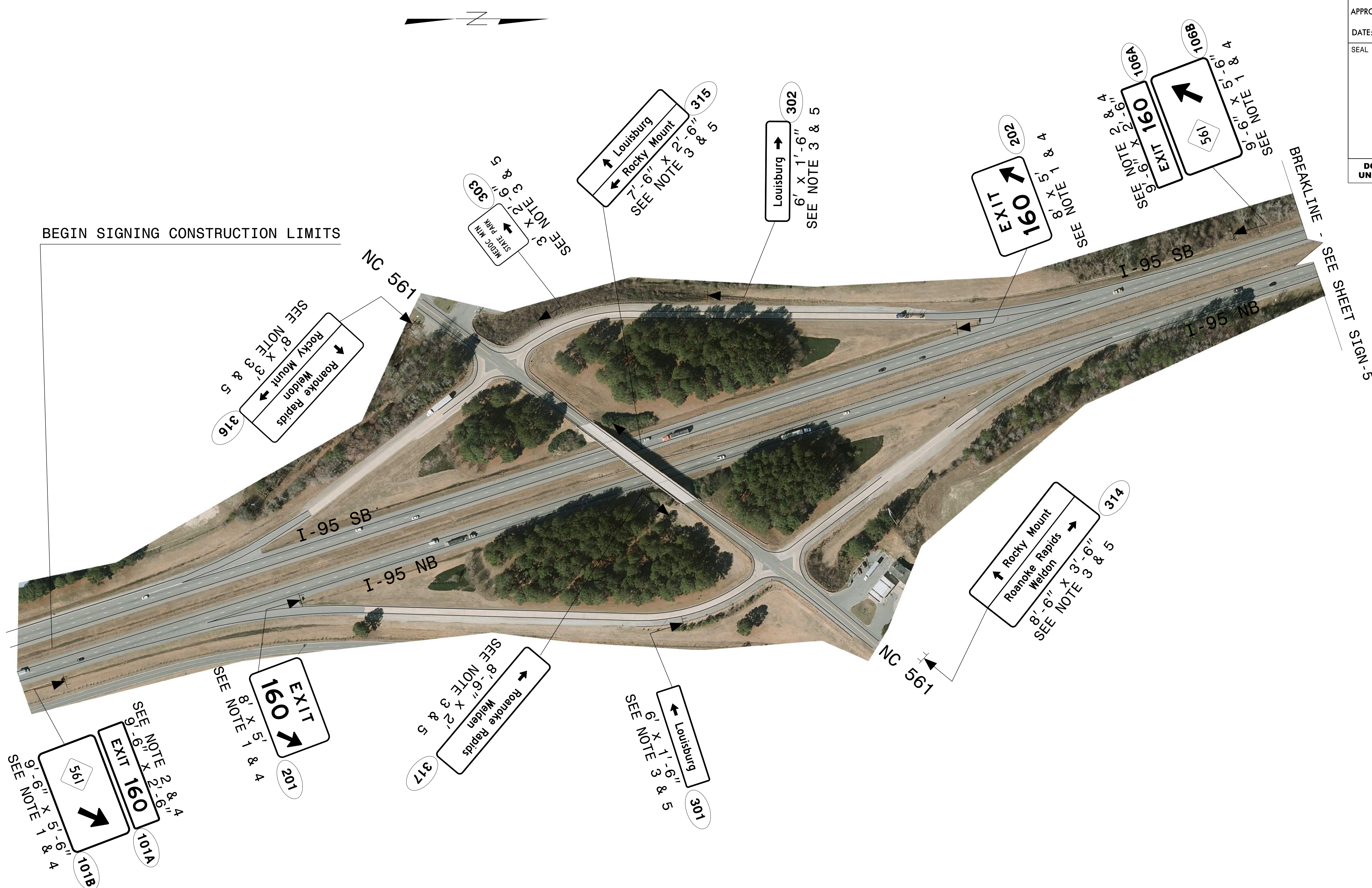
LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size			
													Text Length			
	R	o	a	n	o	k	e		R	a	p	i	d	s	D 2000	
28.7	4.7	4.3	4.6	4.4	4.6	4.3	3.5	6	4.7	4.6	4.6	1.9	4.4	2.8	33.7	59.5
	W	e	l	d	e	n										D 2000
46.2	5.9	4.4	1.9	4.6	4.4	3.5	31.2									24.7

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

Q:\26\21
 S:\S&LU\Eastern\Div 4\I-5932A\I-5932A_Sign_3H.dgn
 Users\johns

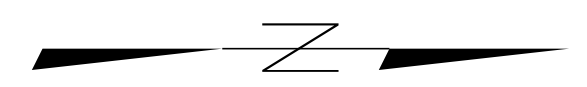
SIGN DESIGNS



- PROJECT NOTES**
1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
 2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
 3. SIGN ERECTION, TYPE D, E, AND F
 4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
 5. DISPOSAL OF SIGN, D, E, OR F

I-95 HALIFAX COUNTY
 PROPOSED SIGNING
 MILEMARKER 160 TO MILEMARKER 160.1


07/26/21 Eastern\Div 4\I-5932A\I-5932A_Sign_4.dgn
 Users\johns

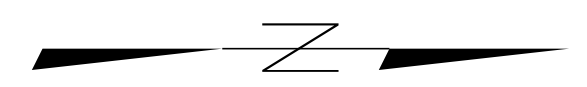


PROJECT NOTES

1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
3. SIGN ERECTION, TYPE D, E, AND F
4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
5. DISPOSAL OF SIGN, D, E, OR F

I-95 HALIFAX COUNTY
PROPOSED SIGNING
MILEMARKER 160.3 TO MILEMARKER 160.5

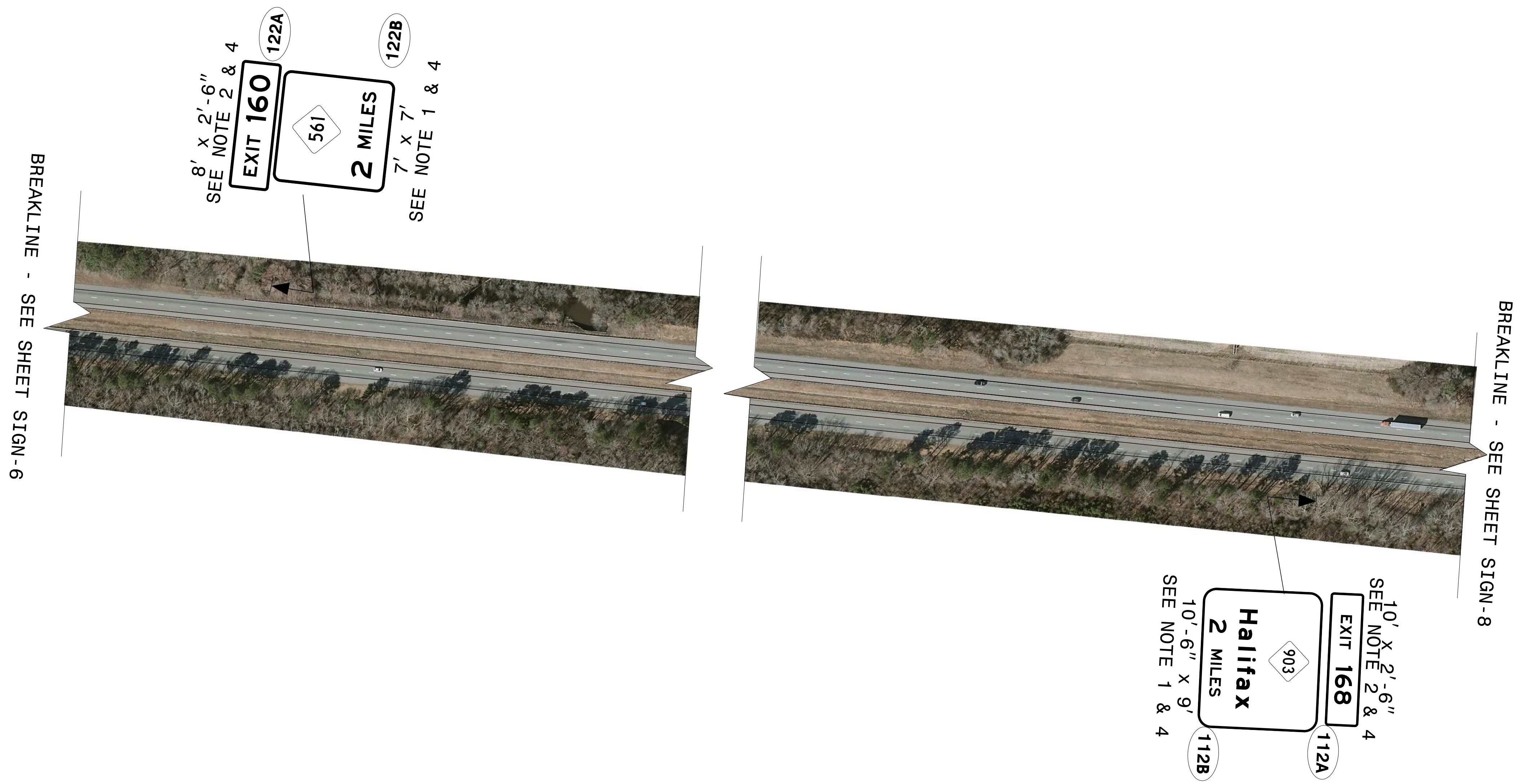
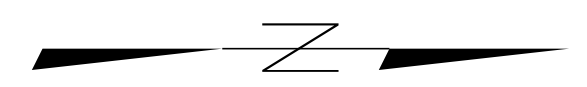
TIP NO. I-5932A	SHEET NO. SIGN-6
DocuSigned by: <i>Ayman Alqudwah</i> <small>F32AC5CAF965472</small>	
APPROVED:	
DATE: 7/26/2021	
SEAL	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



PROJECT NOTES

1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
3. SIGN ERECTION, TYPE D, E, AND F
4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
5. DISPOSAL OF SIGN, D, E, OR F

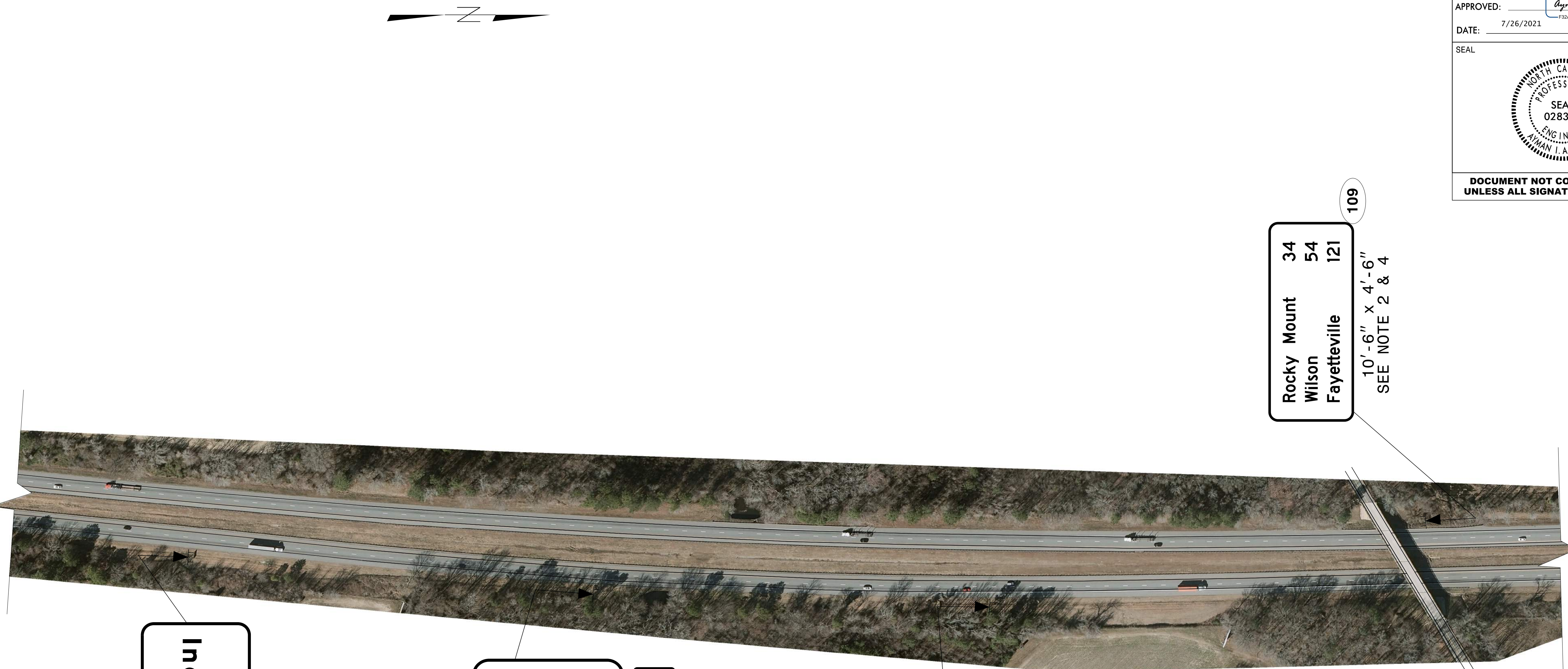
I-95 HALIFAX COUNTY
 PROPOSED SIGNING
 MILEMARKER 160.9 TO MILEMARKER 161.2



PROJECT NOTES

1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
3. SIGN ERECTION, TYPE D, E, AND F
4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
5. DISPOSAL OF SIGN, D, E, OR F

I-95 HALIFAX COUNTY
PROPOSED SIGNING
MILEMARKER 162 TO MILEMARKER 166



BREAKLINE - SEE SHEET SIGN-7

BREAKLINE - SEE SHEET SIGN-9

Rocky Mount 34
Wilson 54
Fayetteville 121

109
10'-6" X 4'-6"
SEE NOTE 2 & 4

Historic Site
EXIT 168

13'-6" X 4'-6"
SEE NOTE 1 & 4

115

10' X 2'-6"
SEE NOTE 2 & 4
EXIT 168

114A

903
Halifax
1 MILE

10'-6" X 9'
SEE NOTE 1 & 4

114B

Halifax
Industrial Park
EXIT 168

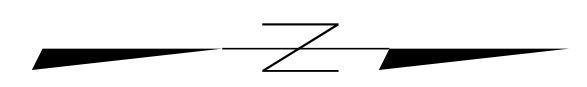
15'-6" X 6'-6"
SEE NOTE 1 & 4

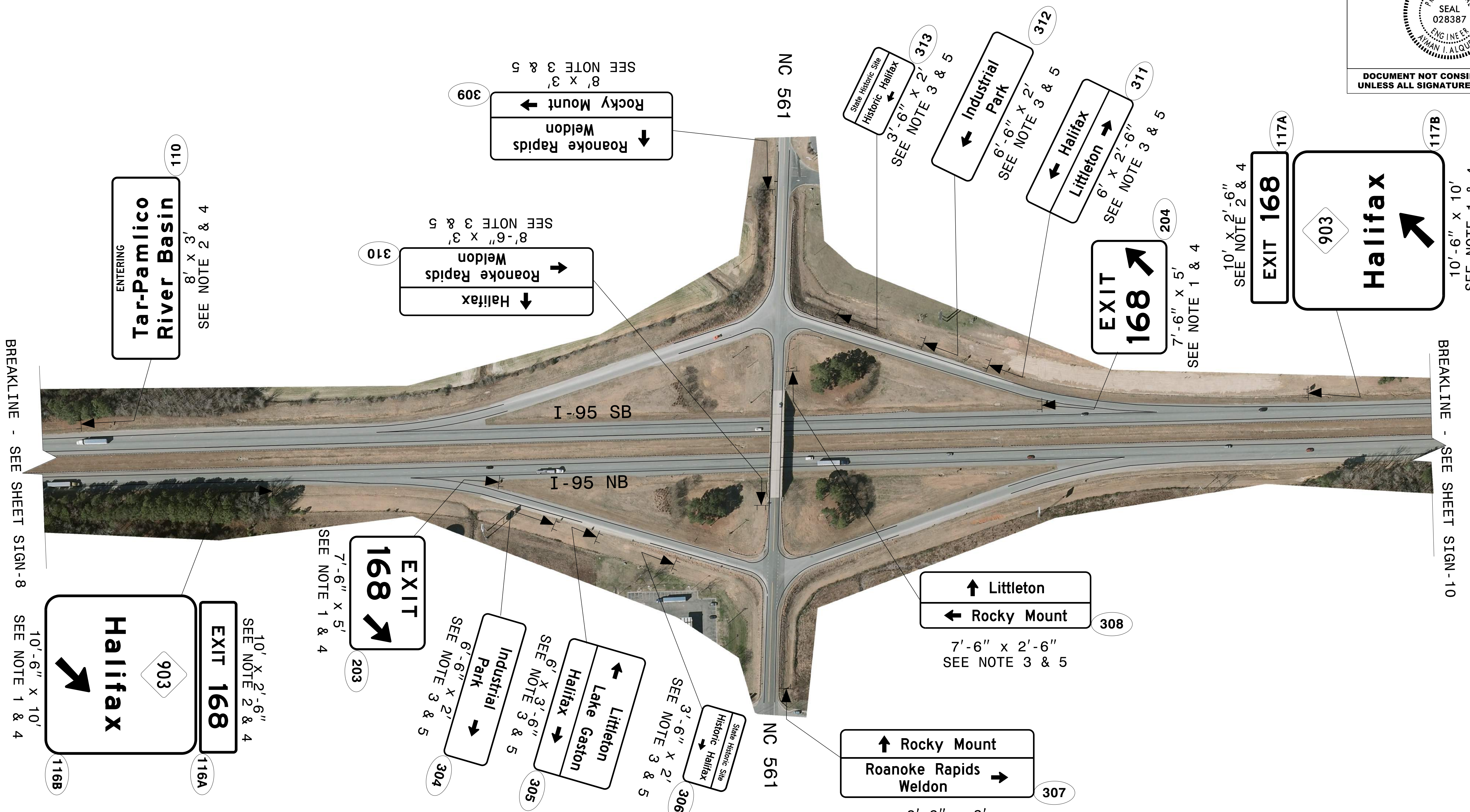
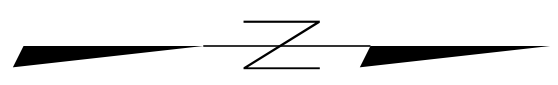
113

PROJECT NOTES

1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
3. SIGN ERECTION, TYPE D, E, AND F
4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
5. DISPOSAL OF SIGN, D, E, OR F

I-95 HALIFAX COUNTY
PROPOSED SIGNING
MILEMARKER 166.5 TO MILEMARKER 167.5

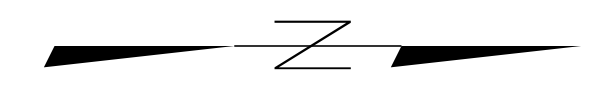




PROJECT NOTES

1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
3. SIGN ERECTION, TYPE D, E, AND F
4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
5. DISPOSAL OF SIGN, D, E, OR F

I-95 HALIFAX COUNTY
PROPOSED SIGNING
MILEMARKER 167.8 TO MILEMARKER 168.2



BREAKLINE - SEE SHEET SIGN-9



**Halifax
Industrial Park**
 EXIT 168
15'-6" X 6'-6"
SEE NOTE 1 & 4

Historic Site
 EXIT 168
13'-6" X 4'-6"
SEE NOTE 1 & 4

10' X 2'-6" X 4
EXIT 168

120A

Halifax
1 MILE
10'-6" X 9'
SEE NOTE 1 & 4

10' X 2'-6" X 4
EXIT 168

121A

Halifax
2 MILES
10'-6" X 9'
SEE NOTE 1 & 4

END SIGNING CONSTRUCTION LIMITS

PROJECT NOTES

1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
3. SIGN ERECTION, TYPE D, E, AND F
4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
5. DISPOSAL OF SIGN, D, E, OR F

**I-95 HALIFAX COUNTY
PROPOSED SIGNING
MILEMARKER 168.5 TO MILEMARKER 170**

**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

**SIGNING PLAN
HALIFAX COUNTY**

LOCATION: I-95 – FROM NC 481 (MILEMARKER 154) TO NC 561 (MILEMARKER 160)

PROJECT REFERENCE NO. I-5932B	SHEET NO. SIGN-1
APPROVED: F32AC5CAF965472	
DATE: 7/26/2021	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

T.I.P.: I-5932B

ROADWAY STANDARD DRAWING

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" - PROJECT SERVICES UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
904.20	SECONDARY SIGN MOUNTING

GENERAL NOTES

- . SIGNS FURNISHED BY STATE
- . CONFIRM IN WRITING AT LEAST 4 MONTHS IN ADVANCE, THE ACTUAL DATE THE DEPARTMENT FURNISHED SIGNS WILL BE REQUIRED.
- . ALL 'A', 'B', & 'D' SIGNS TO BE MOUNTED ON EXISTING SUPPORTS.

SUMMARY OF QUANTITIES

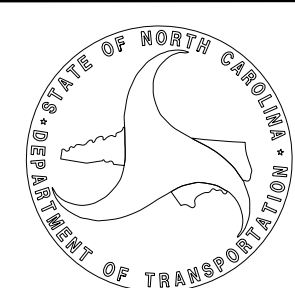
ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4096000000	904	SIGN ERECTION, TYPE D	3	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	10	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	12	EA.
4236000000	907	DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)	22	EA.
4238000000	907	DISPOSAL OF SIGN, D, E OR F	3	EA.

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2 & 2A	REVISED SIGNING ROADWAY STANDARD DRAWINGS
SIGN-3-3C	SIGN DESIGNS
SIGN-4-7	SIGNING PLAN SHEET

PLAN PREPARED BY: N.C.D.O.T. SIGNING AND DELINEATION UNIT

A.ALQUODWAH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER
S.JOHNS SIGNING & DELINEATION PROJECT DESIGN ENGINEER



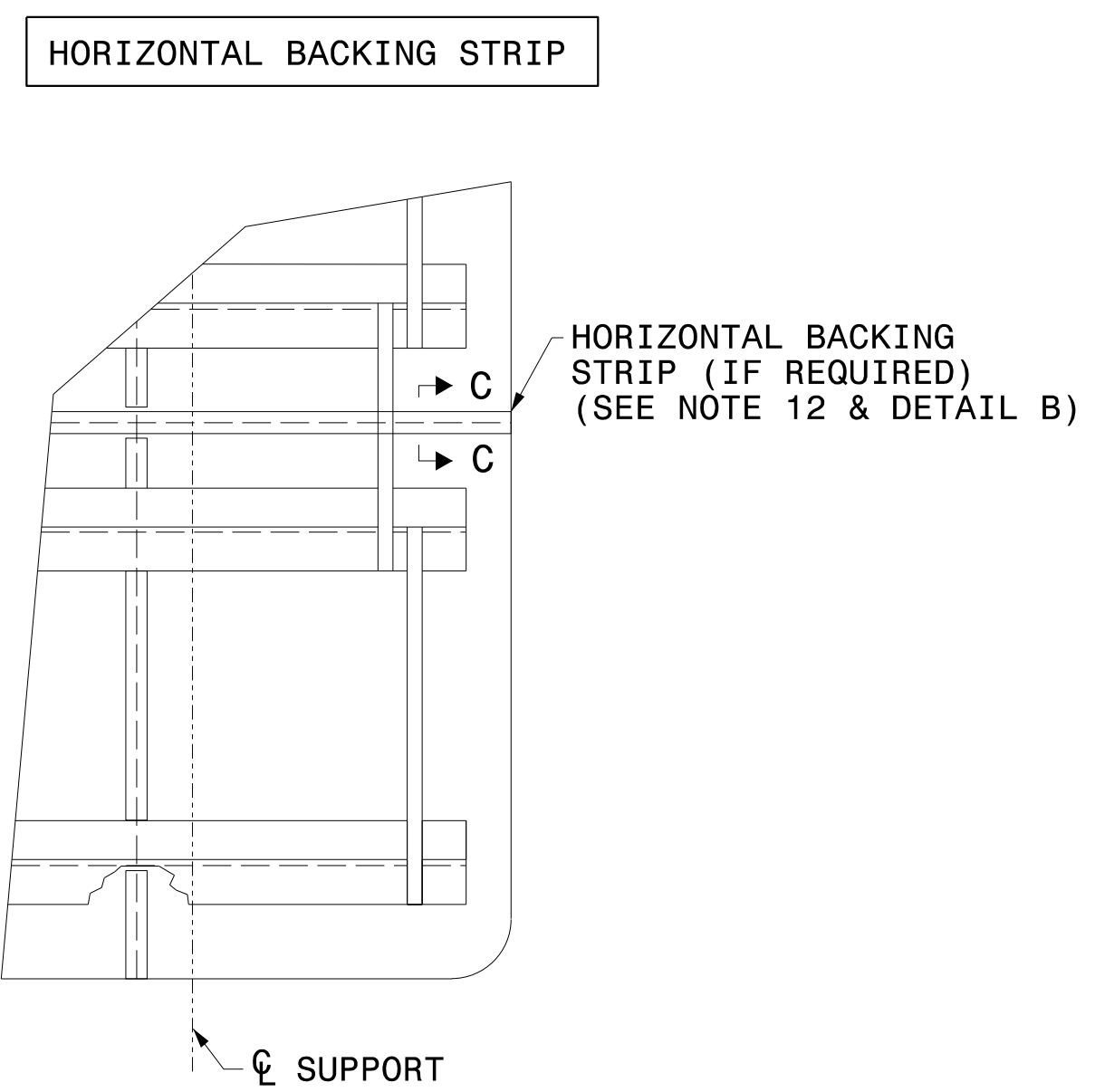
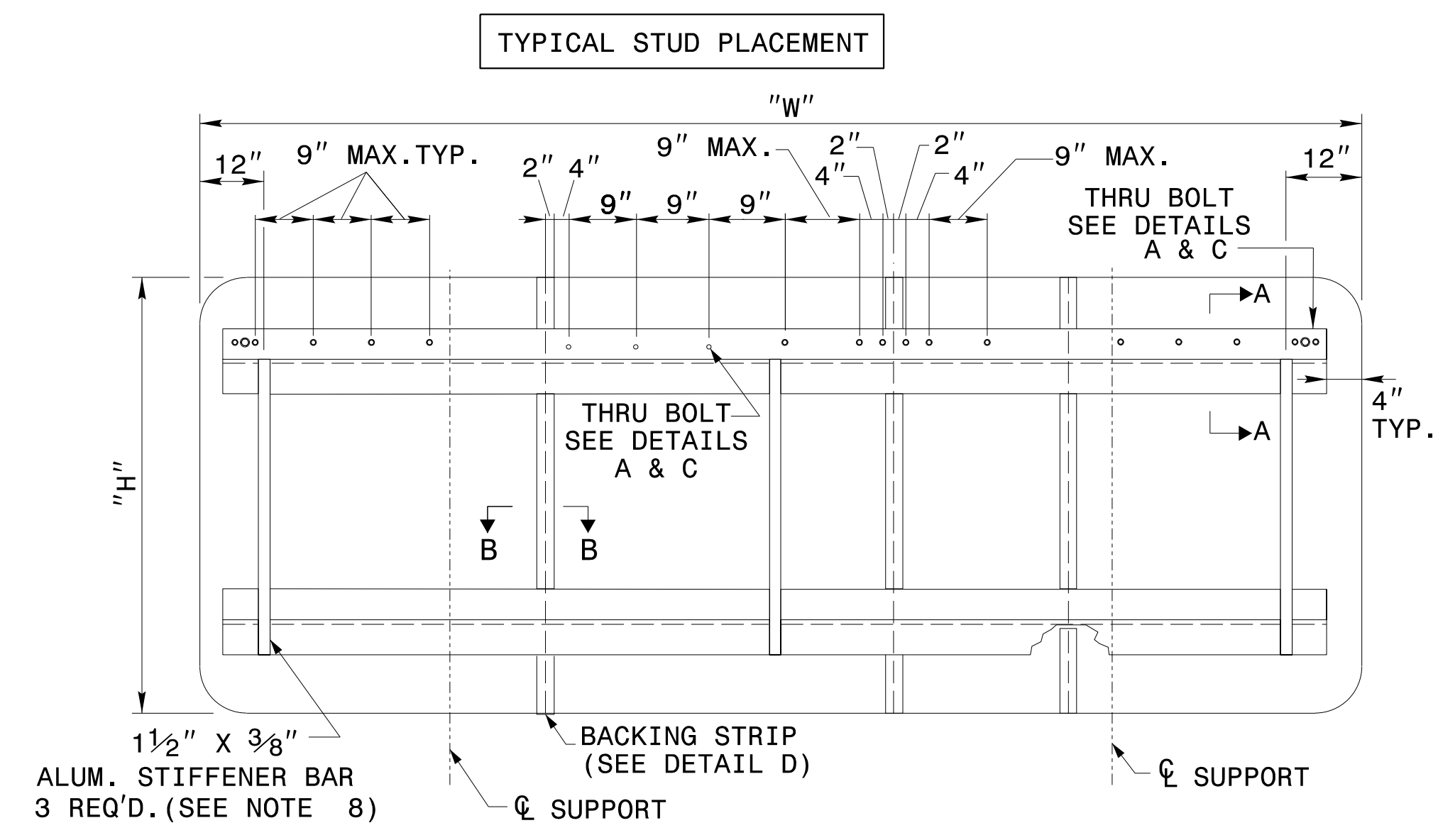
CONTRACT:

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2-19

ENGLISH DETAIL DRAWING FOR
TYPE 'A' SIGNS
WELDED STUD CONSTRUCTION

SHEET 1 OF 2
901D10



- NOTES:
1. USE THE NUMBER AND SIZE OF SUPPORTS SHOWN ON THE SUPPORT CHART IN PROJECT PLANS.
 2. FABRICATE SIGN PANEL SECTIONS WITH SHEETS 4'-0" WIDE. WHEN FABRICATING SIGNS WHICH ARE NOT MULTIPLES OF 4'-0" IN WIDTH, DO NOT CUT MORE THAN TWO SHEETS TO LESS THAN 4'-0" IN WIDTH. THESE PANELS SHALL NOT BE LESS THAN 1'-0" IN WIDTH.
 3. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES, FOR TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES, AND SUPPORTS.
 4. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
 5. SEE ROADWAY STANDARD 904.20 WHEN TYPE "B" SECONDARY SIGN MOUNTING IS REQUIRED.
 6. DETAILS FOR TYPE "A" SECONDARY SIGNS SHALL BE THE SAME AS FOR TYPE "A" SIGNS.
 7. THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS TWO (2) INCHES.
 8. ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
 9. SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.
 10. FABRICATE SIGNS TALLER THAN 12'-0" AS TWO SEPARATE SIGNS WITH A HORIZONTAL SPLICE. LOCATE STRINGERS ON EACH SECTION OF THE SIGN BY THE SIGN STRINGER CHART. (SEE ROADWAY STANDARD 901.70)
 11. FABRICATE SIGNS TALLER THAN 12'-0" BUT SHORTER THAN 14'-6" WITH A HORIZONTAL SPLICE LOCATED 7'-0" FROM BOTTOM OF SIGN.
 12. FABRICATE SIGNS 14'-6" TALL AND TALLER WITH A HORIZONTAL SPLICE. LOCATE THE SPLICE AT LEAST HALF OF THE SIGN HEIGHT FROM THE BOTTOM AND AT LEAST 7'-0" FROM THE TOP.
 13. THERE SHALL ONLY BE A 1/8" GAP BETWEEN THE VERTICAL BACKING STRIP AND THE "Z" BAR.
 14. SEE ROADWAY STANDARD 901.80 FOR DETAILS SHOWING SIGN MOUNTING TO SUPPORTS.
 15. PLACE NYLON WASHER UNDER HEAD OF 3/8" THRU BOLTS.
 16. FABRICATE EACH SIGN WITH 3/8" DIA. THRU BOLT, 4" FROM EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR. SEE DETAILS A & C.
 17. FABRICATE EACH SIGN WITH 3/8" DIA. THRU BOLT CENTERED IN EACH PANEL THRU THE TOP AND BOTTOM "Z" BAR. CENTERED THRU BOLT REQUIRED IN END PANELS GREATER THAN 2'-0" WIDE. SEE DETAILS A & C.
 18. THRU BOLTS WILL HAVE A MINIMUM 1/16" TO MAXIMUM 1/8" GAP

STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

2-19

ENGLISH DETAIL DRAWING FOR
TYPE 'A' SIGNS
WELDED STUD CONSTRUCTION

SHEET 1 OF 2
901D10

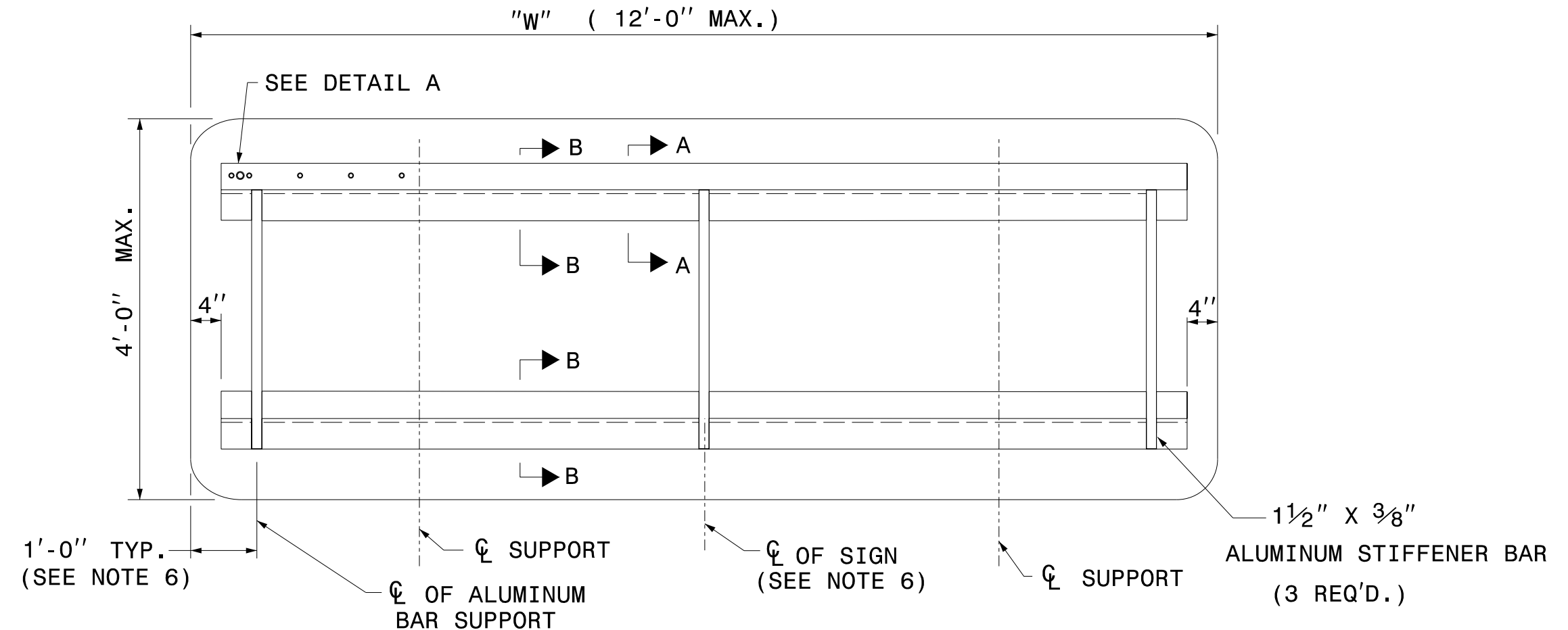
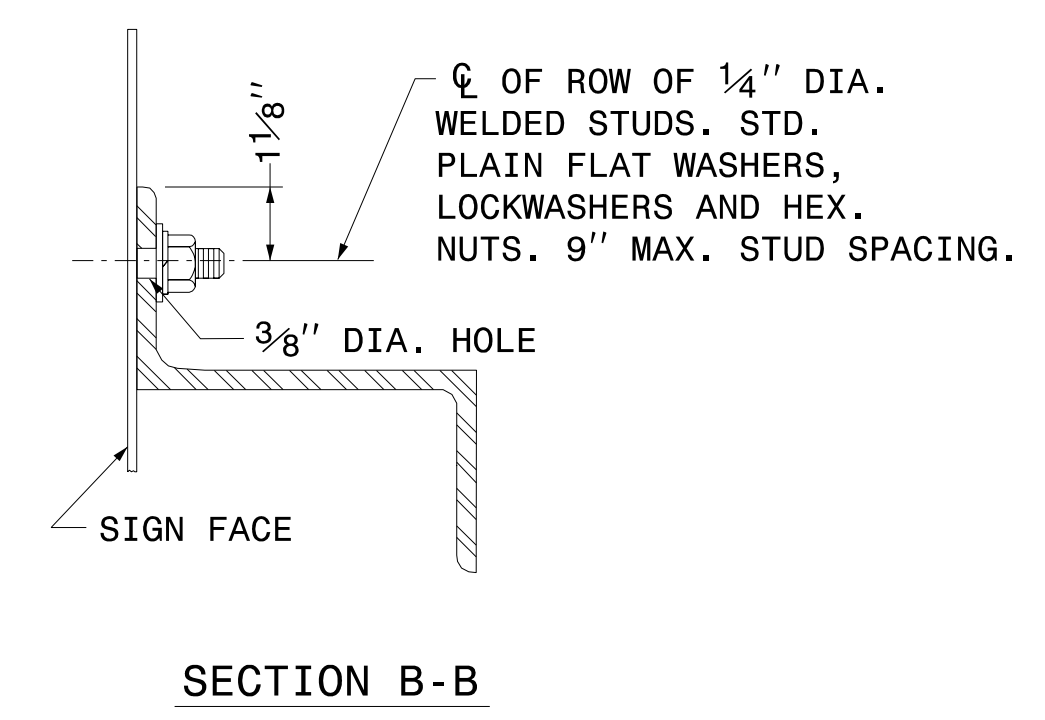
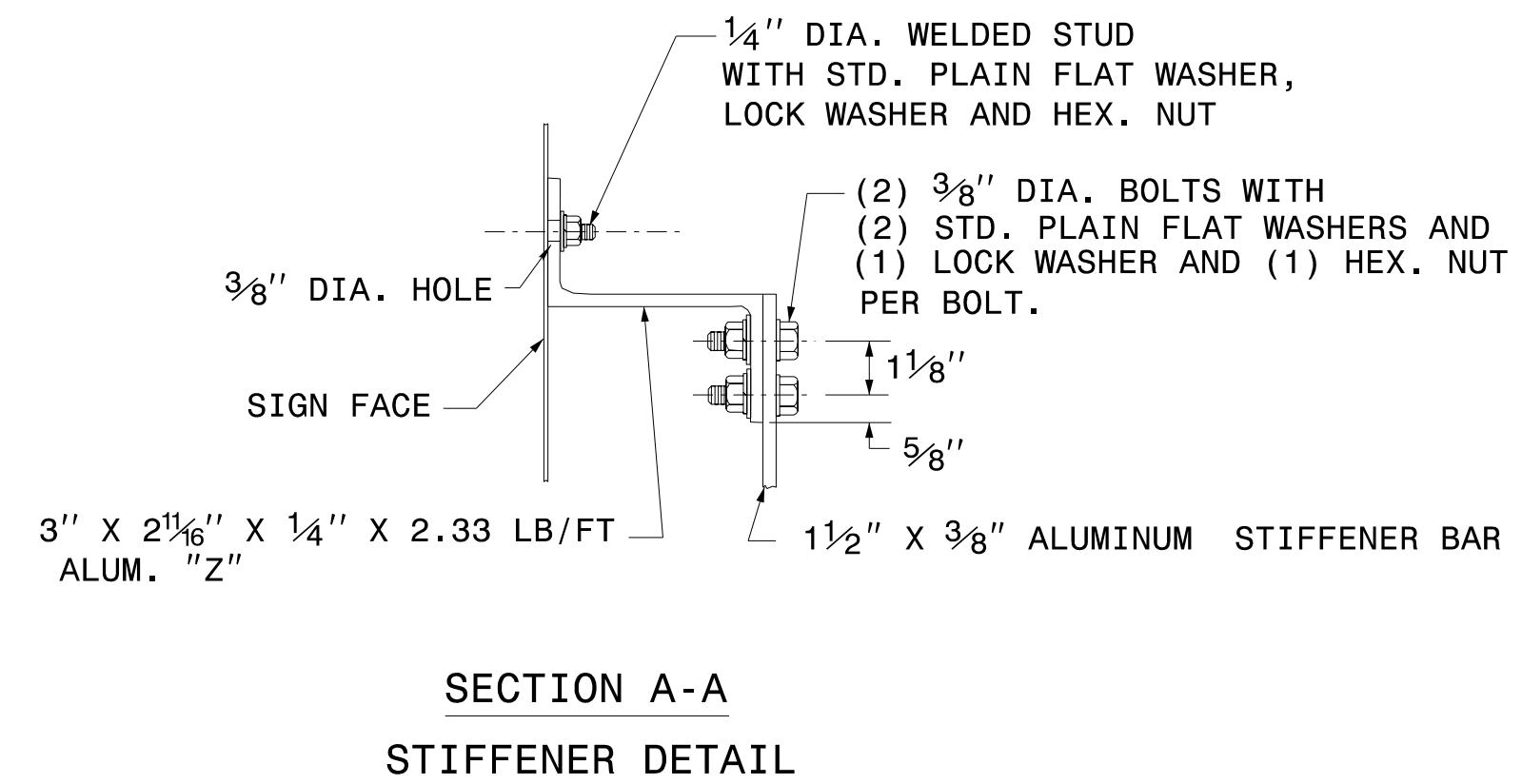
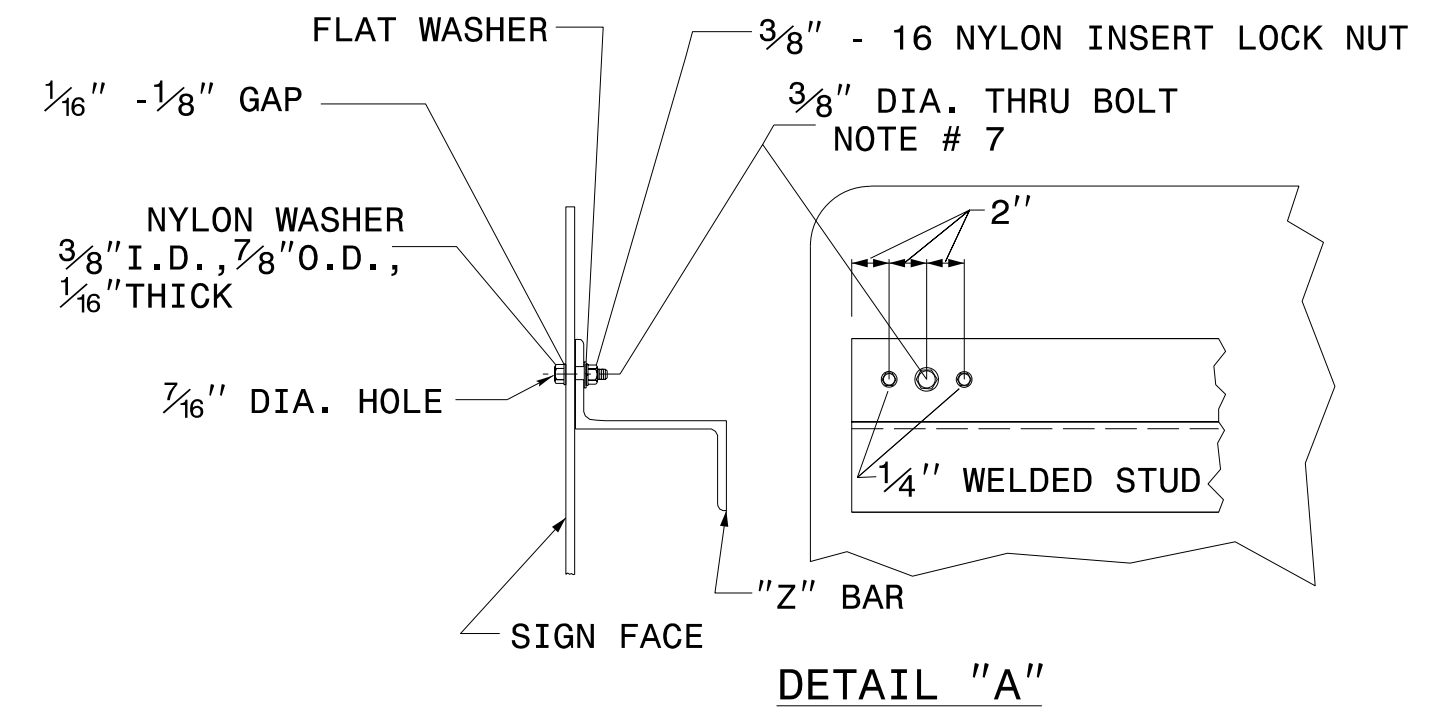
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User:johns

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

2-19

ENGLISH DETAIL DRAWING FOR
TYPE 'B' SIGNS
 WELDED STUD CONSTRUCTION

SHEET 1 OF 1
901D20



- NOTES:
1. USE NUMBER AND SIZE OF SUPPORTS SHOWN ON SUPPORT CHART IN PROJECT PLAN SHEETS.
 2. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES FOR THE TYPE OF MATERIAL TO BE USED FOR SIGN PANELS, HANGER ASSEMBLIES AND SUPPORTS.
 3. FURNISH ALL MOUNTING HARDWARE.
 4. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS.
 5. THE VERTICAL DIMENSION BETWEEN PRIMARY AND SECONDARY SIGNS IS TWO (2) INCHES.
 6. ADJUST STIFFENERS TO AVOID CONFLICT WITH SUPPORTS.
 7. FABRICATE EACH SIGN WITH A $\frac{3}{8}$ " DIA. BOLT 4" FROM EACH END OF EACH "Z" BAR THRU SIGN PANEL AND "Z" BAR.
 8. SEE ROADWAY STANDARD 901.70 FOR SUPPORT AND "Z" BAR SPACING.
 9. SEE ROADWAY STANDARD 901.80 FOR DETAILS SHOWING SIGN MOUNTING TO SUPPORTS.
 10. PLACE NYLON WASHER UNDER HEAD OF $\frac{3}{8}$ " THRU BOLT.
 11. THRU BOLTS WILL HAVE A MINIMUM $\frac{1}{16}$ " TO MAXIMUM $\frac{1}{8}$ " GAP.

STATE OF NORTH CAROLINA
 DEPT. OF TRANSPORTATION
 DIVISION OF HIGHWAYS
 RALEIGH, N.C.

2-19

ENGLISH DETAIL DRAWING FOR
TYPE 'B' SIGNS
 WELDED STUD CONSTRUCTION

SHEET 1 OF 1
901D20

07/26/21
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 User:johns

APPROVED: *Ayman Alqudwah*
 DATE: 7/26/2021



DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 101B,109B **BACKG COLOR:** Green **DESIGN BY:** S.Johns **CHECKED BY:** A.Alqudwah **JUN 16, 2021**
TYPE: A **COPY COLOR:** White **PROJECT ID:** I-5932B **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 2 **SYMBOL:** M1-5-3-24-7C **X:** 42 **Y:** 61.6 **WID:** 36 **HT:** 36

SIGN WIDTH: 10'-0" **SIGN HEIGHT:** 9'-0" **TOTAL AREA:** 90.0 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 2" **RADII:** 12"

NO. Z BARS: 3 **MAT'L:** 0.125" (3.2 mm) ALUMINUM **LENGTH:** 112.0

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
											Text Length
	E	n	f	i	e	l	d				EM 2000
17.2	16.2	15.4	11.7	8.2	15.5	8.2	10.6	17.2			85.6
	1	M	I	L	E						E 2000
33.7	4.5	15	12	4.4	9.2	7.5	33.7				52.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 103B,111B **BACKG COLOR:** Green **DESIGN BY:** S.Johns **CHECKED BY:** A.Alqudwah **JUN 14, 2021**
TYPE: A **COPY COLOR:** White **PROJECT ID:** I-5932B **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 2 **SYMBOL:** M1-5-3-24-7C **X:** 42 **Y:** 75.9 **WID:** 36 **HT:** 36

SIGN WIDTH: 10'-0" **SIGN HEIGHT:** 10'-0" **TOTAL AREA:** 100.0 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 2" **RADII:** 12"

NO. Z BARS: 3 **MAT'L:** 0.125" (3.2 mm) ALUMINUM **LENGTH:** 112.0

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
											Text Length
	E	n	f	i	e	l	d				EM 2000
17.2	16.2	15.4	11.7	8.2	15.5	8.2	10.6	17.2			85.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 102B,110B **BACKG COLOR:** Green **DESIGN BY:** S.Johns **CHECKED BY:** A.Alqudwah **JUN 16, 2021**
TYPE: A **COPY COLOR:** White **PROJECT ID:** I-5932B **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 2 **SYMBOL:** M1-5-3-24-7C **X:** 42 **Y:** 61.9 **WID:** 36 **HT:** 36

SIGN WIDTH: 10'-0" **SIGN HEIGHT:** 9'-0" **TOTAL AREA:** 90.0 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 2" **RADII:** 12"

NO. Z BARS: 3 **MAT'L:** 0.125" (3.2 mm) ALUMINUM **LENGTH:** 112.0

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
											Text Length
	E	n	f	i	e	l	d				EM 2000
17.2	16.2	15.4	11.7	8.2	15.5	8.2	10.6	17.2			85.6
	1/2	M	I	L	E						E 2000
25	22	15	12	4.4	9.2	7.5	25				70.1

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 101A,102A,103A **BACKG COLOR:** Green **DESIGN BY:** S.Johns **CHECKED BY:** A.Alqudwah **JUN 16, 2021**
TYPE: B **COPY COLOR:** White **PROJECT ID:** I-5932B **LOCATION:** I-95 - Halifax Co. **DIV:** 4

QUANTITY: 6 **SYMBOL:** 109B,110B,111B **X:** **Y:** **WID:** **HT:**

SIGN WIDTH: 10'-0" **SIGN HEIGHT:** 2'-6" **TOTAL AREA:** 25.0 Sq.Ft.

BORDER TYPE: FLUSH **RECESS:** 0" **WIDTH:** 2" **RADII:** 3"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM **LENGTH:** 112.0

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
											Text Length
	E	X	I	T	1	5	4				E 2000
19.5	8.9	10.7	3.5	7.5	15	7.5	13.8	14.1	19.5		81

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

07/26/21
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 Users\johns

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
DATE: 7/26/2021



DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED

SIGN NUMBER: 104 TYPE: B BACKG COLOR: Green / Green COPY COLOR: White
QUANTITY: 1
SIGN WIDTH: 8'-0" HEIGHT: 3'-0"
TOTAL AREA: 24.0 Sq.Ft.
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADIUS: 3"
NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM LENGTH: 88.0

DESIGN BY: S.Johns CHECKED BY: A.Alqudwah PROJECT ID: I-5932B LOCATION: I-95 - Halifax Co. JUN 15, 2021 DIV: 4

SYMBOL	X	Y	WID	HT
AR_Type D	17.2	24.4	6	9
AR_Type D	76.3	8.3	6	9

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	49.6
D 2000	59.5
D 2000	24.9

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 107 TYPE: B BACKG COLOR: Green / Green COPY COLOR: White
QUANTITY: 1
SIGN WIDTH: 9'-0" HEIGHT: 3'-0"
TOTAL AREA: 27.0 Sq.Ft.
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADIUS: 3"
NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM LENGTH: 100.0

DESIGN BY: S.Johns CHECKED BY: A.Alqudwah PROJECT ID: I-5932B LOCATION: I-95 - Halifax Co. JUN 15, 2021 DIV: 4

SYMBOL	X	Y	WID	HT
AR_Type D	36.2	24.4	6	9
AR_Type D	16.7	8.3	6	9

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	23.6
D 2000	59.5
D 2000	24.9

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 106 TYPE: B BACKG COLOR: Green / Green COPY COLOR: White
QUANTITY: 1
SIGN WIDTH: 8'-0" HEIGHT: 3'-0"
TOTAL AREA: 24.0 Sq.Ft.
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADIUS: 3"
NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM LENGTH: 88.0

DESIGN BY: S.Johns CHECKED BY: A.Alqudwah PROJECT ID: I-5932B LOCATION: I-95 - Halifax Co. JUN 15, 2021 DIV: 4

SYMBOL	X	Y	WID	HT
AR_Type D	12.2	20.1	6	9
AR_Type D	71.3	3.9	6	9

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	59.5
D 2000	24.9
D 2000	49.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 108 TYPE: B BACKG COLOR: Green COPY COLOR: White
QUANTITY: 1
SIGN WIDTH: 10'-0" HEIGHT: 4'-0"
TOTAL AREA: 40.0 Sq.Ft.
BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADIUS: 6"
NO. Z BARS: 2 MAT'L: 0.125" (3.2 mm) ALUMINUM LENGTH: 112.0

DESIGN BY: S.Johns CHECKED BY: A.Alqudwah PROJECT ID: I-5932B LOCATION: I-95 - Halifax Co. JUN 16, 2021 DIV: 4

SYMBOL	X	Y	WID	HT
AR_Type D	26	8	6	6
AR_Type D	46	8	6	6
AR_Type D	113	8	6	6

USE NOTES:
1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
2. Background shall be Grade C reflective sheeting.
3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

LETTER POSITIONS

Letter spacings are to start of next letter

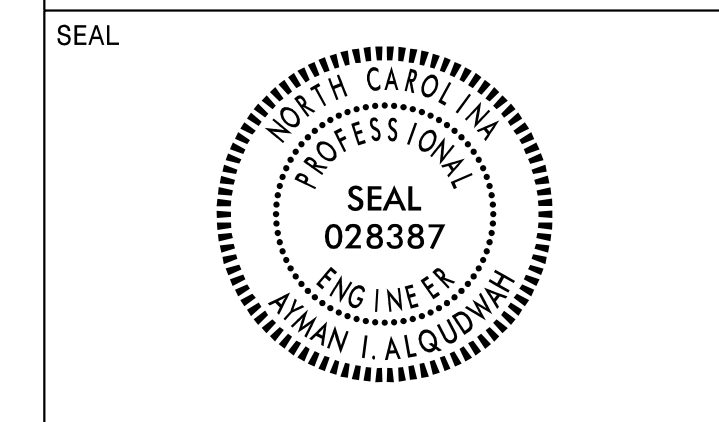
Series/Size	Text Length
D 2000	66.2
D 2000	12.5
D 2000	28.8
D 2000	13.2
D 2000	54.8
D 2000	13.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

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SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
 DATE: 7/26/2021



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

SIGN NUMBER: 112
TYPE: A
QUANTITY: 1
SIGN WIDTH: 12'-0"
HEIGHT: 3'-0"
TOTAL AREA: 36.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: 2
LENGTH: 136.0
MAT'L: 0.125" (3.2 mm) ALUMINUM

BACKG COLOR: Green
COPY COLOR: White

DESIGN BY: S.Johns
PROJECT ID: I-5932B
CHECKED BY: A.Alqudwah
LOCATION: I-95 - Halifax Co.
JUN 16, 2021
DIV: 4

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text	Length
D 2000	R o a n o k e R a p i d s	79.4
D 2000	R i c h m o n d	47.2
D 2000	2 2	12.5
D 2000	1 0 1	13

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 113A
TYPE: B
QUANTITY: 1
SIGN WIDTH: 10'-0"
HEIGHT: 2'-6"
TOTAL AREA: 25.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 3"
NO. Z BARS: 2
LENGTH: 112.0
MAT'L: 0.125" (3.2 mm) ALUMINUM

BACKG COLOR: Green
COPY COLOR: White

DESIGN BY: S.Johns
PROJECT ID: I-5932B
CHECKED BY: A.Alqudwah
LOCATION: I-95 - Halifax Co.
JUN 16, 2021
DIV: 4

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text	Length
E 2000	E X I T 1 6 0	81.3

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 113B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 13'-6"
HEIGHT: 7'-0"
TOTAL AREA: 94.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"
NO. Z BARS: 2
LENGTH: 154.0
MAT'L: 0.125" (3.2 mm) ALUMINUM

BACKG COLOR: Green
COPY COLOR: White

DESIGN BY: S.Johns
PROJECT ID: I-5932B
CHECKED BY: A.Alqudwah
LOCATION: I-95 - Halifax Co.
JUN 16, 2021
DIV: 4

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text	Length
E 2000	1 1/4 M I L E S	91.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 114
TYPE: B
QUANTITY: 1
SIGN WIDTH: 11'-0"
HEIGHT: 4'-6"
TOTAL AREA: 49.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"
NO. Z BARS: 2
LENGTH: 124.0
MAT'L: 0.125" (3.2 mm) ALUMINUM

BACKG COLOR: Green
COPY COLOR: White

DESIGN BY: S.Johns
PROJECT ID: I-5932B
CHECKED BY: A.Alqudwah
LOCATION: I-95 - Halifax Co.
JUN 16, 2021
DIV: 4

USE NOTES:
 1. Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

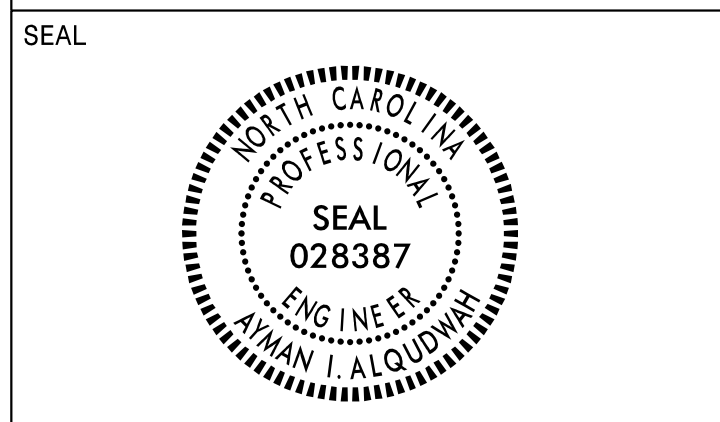
Series/Size	Text	Length
EM 2000	L o u i s b u r g	102.9
EM 2000	E X I T 1 6 0	65.3

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

07/26/21
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 Users\johns

SIGN DESIGNS

APPROVED: *Ayman Alqudwah*
DATE: 7/26/2021



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

SIGN NUMBER: 201,202 **BACKG COLOR:** Green
TYPE: A **COPY COLOR:** White

QUANTITY: 2

SYMBOL	X	Y	WID	HT
AR_Type A	61.4	6.4	18.3	28.7

SIGN WIDTH: 7'-6"
HEIGHT: 5'-0"
TOTAL AREA: 37.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 6"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 82.0

DESIGN BY: S.Johns **CHECKED BY:** A.Alqudwah **Jun 15, 2021**
PROJECT ID: I-5932B **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size	
										Text Length	
E	X	I	T							E	2000
22.8	12.8	15.8	6.8	9	22.8					44.4	
1	5	4								E	2000
10.5	9	16.6	16.9	37						42.5	

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302 **BACKG COLOR:** Green
TYPE: D **COPY COLOR:** White

QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	10.7	6	6	9

SIGN WIDTH: 5'-0"
HEIGHT: 1'-6"
TOTAL AREA: 7.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 82.0

DESIGN BY: S.Johns **CHECKED BY:** A.Alqudwah **Jun 16, 2021**
PROJECT ID: I-5932B **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size	
										Text Length	
E	n	f	i	e	l	d				D	2000
25.7	4.6	4.3	2.9	1.9	4.4	1.9	3.6	10.7			23.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 301 **BACKG COLOR:** Green
TYPE: D **COPY COLOR:** White

QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	40.3	6	6	9

SIGN WIDTH: 5'-0"
HEIGHT: 1'-6"
TOTAL AREA: 7.5 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 82.0

DESIGN BY: S.Johns **CHECKED BY:** A.Alqudwah **Jun 16, 2021**
PROJECT ID: I-5932B **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES: 1,2

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size	
										Text Length	
E	n	f	i	e	l	d				D	2000
10.7	4.6	4.3	2.9	1.9	4.4	1.9	3.6	25.7			23.6

FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 105 **BACKG COLOR:** Green
TYPE: D **COPY COLOR:** White

QUANTITY: 1

SYMBOL	X	Y	WID	HT
AR_Type D	12.7	6	6	9

SIGN WIDTH: 7'-6"
HEIGHT: 1'-6"
TOTAL AREA: 11.3 Sq.Ft.

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 1.5"

NO. Z BARS: 2 **MAT'L:** 0.125" (3.2 mm) ALUMINUM
LENGTH: 82.0

DESIGN BY: S.Johns **CHECKED BY:** A.Alqudwah **Jun 15, 2021**
PROJECT ID: I-5932B **LOCATION:** I-95 - Halifax Co. **DIV:** 4

USE NOTES:

- Legend and border(except those that are colored black) shall be direct applied Grade C sheeting.
- Background shall be Grade C reflective sheeting.

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter										Series/Size			
										Text Length			
R	o	c	k	y	M	o	u	n	t		D	2000	
27.7	4.7	4.4	4.3	4.1	4.5	6	5.8	4.6	4.7	4.1	2.4	12.7	49.6

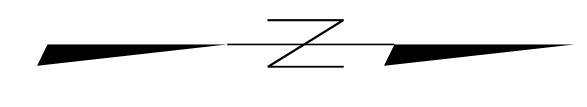
FILENAME: I-95_Exits 154 to Exit 168 Sign Design NORTH CAROLINA D.O.T. SIGN DETAIL

07/26/21 S:\S&LU\Eastern\Div 4\I-5932B\I-5932B_Sign-3C.dgn Users:johns

SIGN DESIGNS



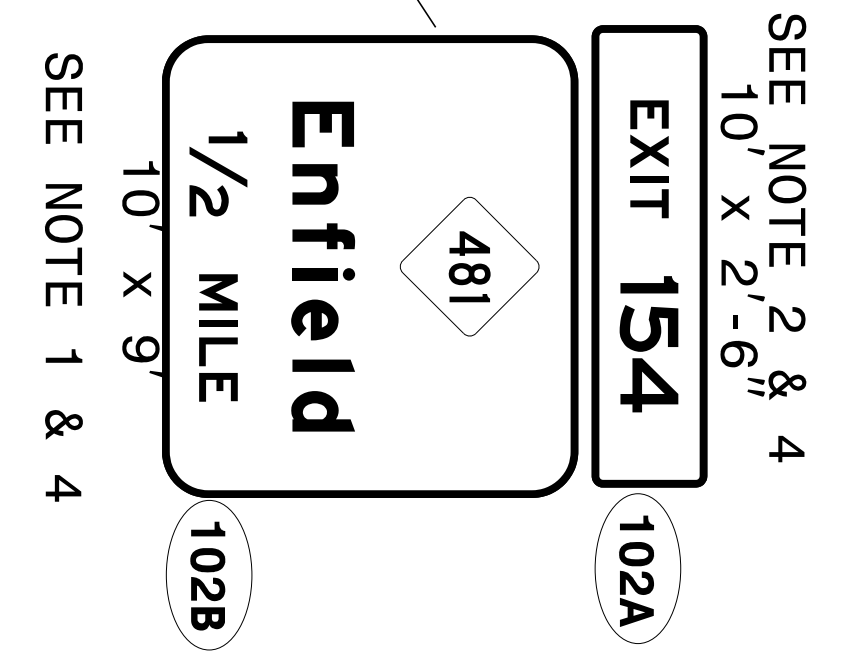
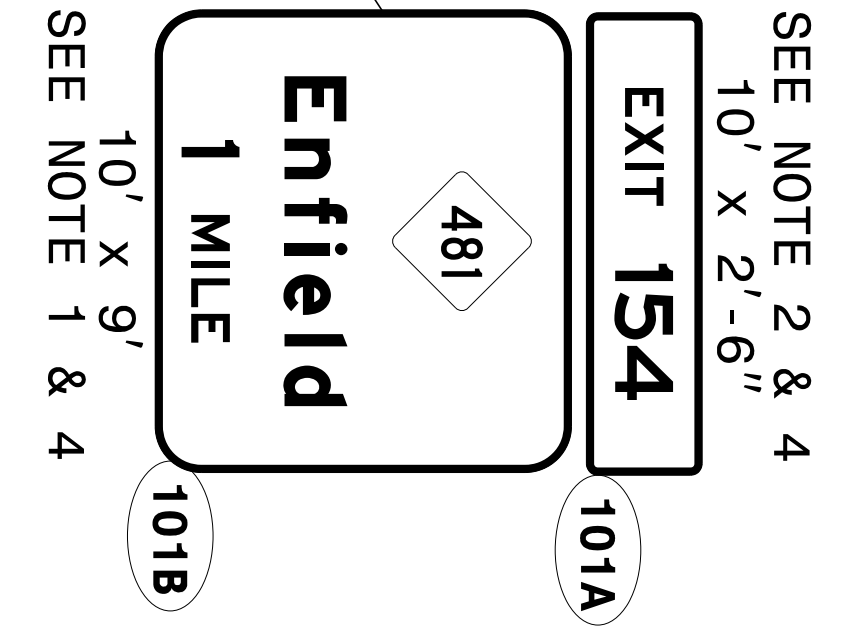
**DOCUMENT NOT CONSIDERED FINAL
 UNLESS ALL SIGNATURES COMPLETED**



BEGIN SIGNING CONSTRUCTION LIMITS



BREAKLINE - SEE SHEET SIGN-5



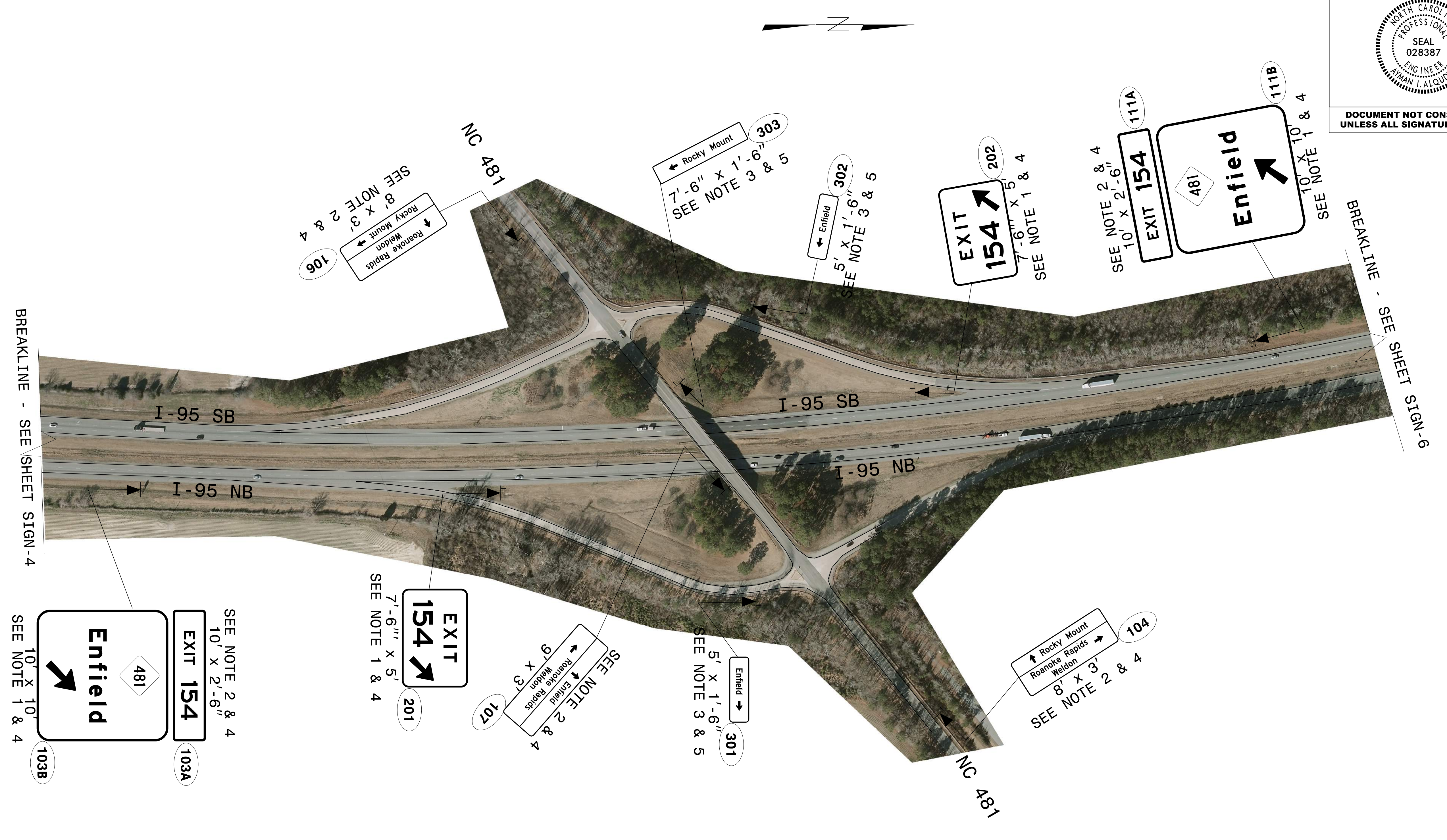
PROJECT NOTES

1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
3. SIGN ERECTION, TYPE D, E, AND F
4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
5. DISPOSAL OF SIGN, D, E, OR F

I-95 HALIFAX COUNTY
 PROPOSED SIGNING
 MILEMARKER 152.25 TO MILEMARKER 152.8

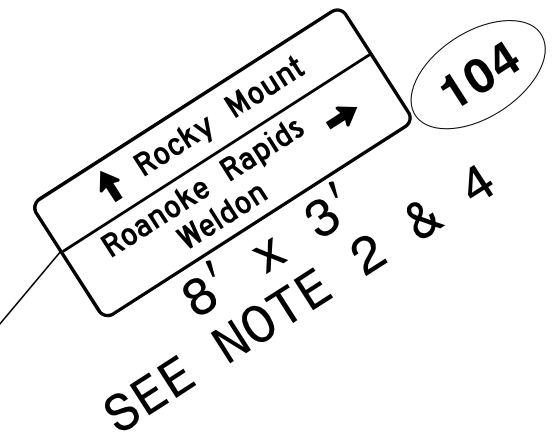
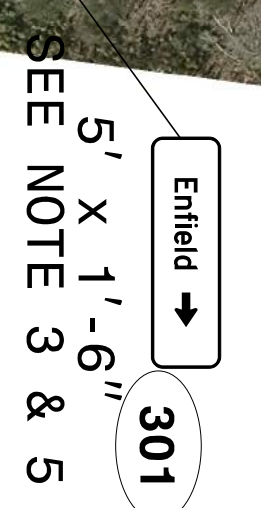
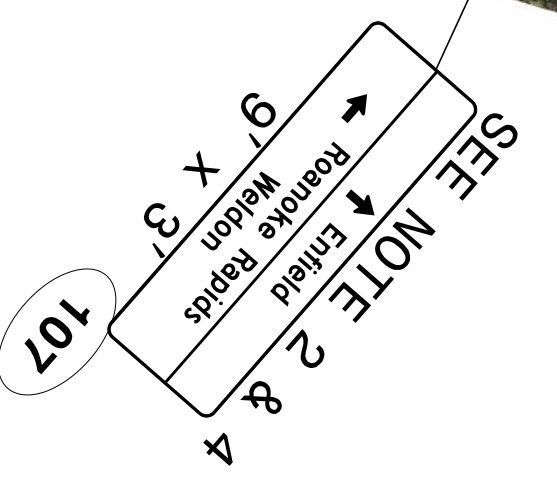
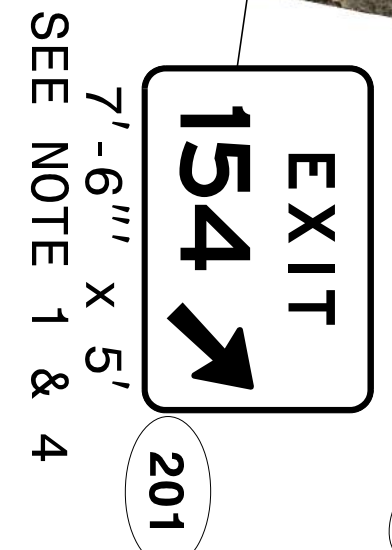
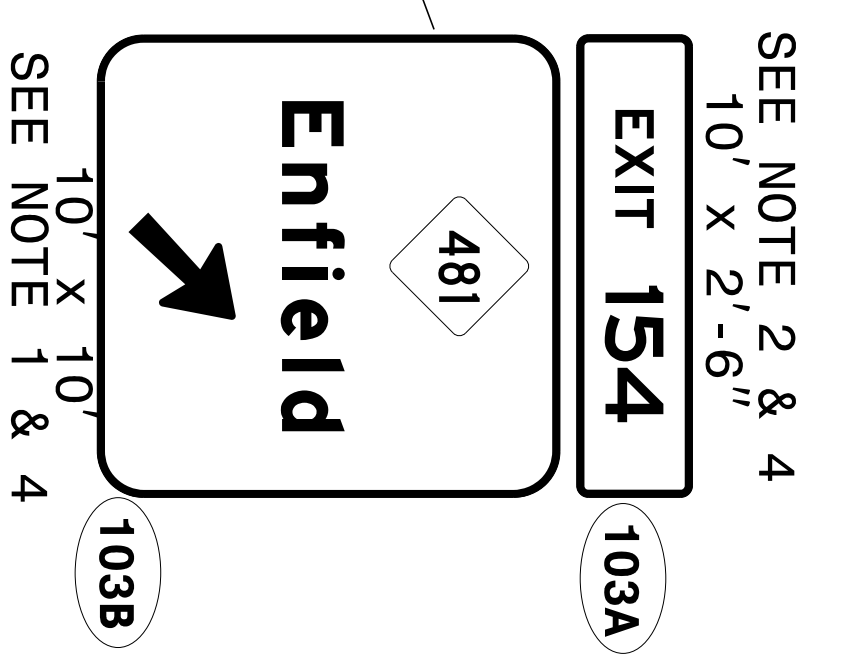


**DOCUMENT NOT CONSIDERED FINAL
UNLESS ALL SIGNATURES COMPLETED**



BREAKLINE - SEE SHEET SIGN-4

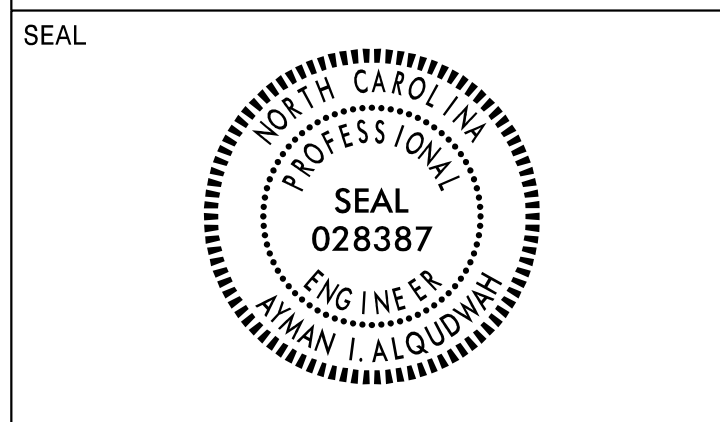
BREAKLINE - SEE SHEET SIGN-6



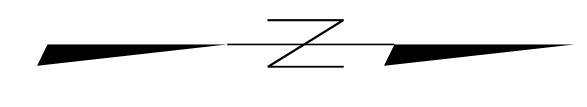
- PROJECT NOTES**
1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
 2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
 3. SIGN ERECTION, TYPE D, E, AND F
 4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
 5. DISPOSAL OF SIGN, D, E, OR F

I-95 HALIFAX COUNTY
 PROPOSED SIGNING
 MILEMARKER 153.25 TO MILEMARKER 153.7

APPROVED: *Ayman Alqudwa*
DocuSigned by:
 Ayman Alqudwa
 F32AC5CAF9854F2.
 DATE: 7/26/2021



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



BREAKLINE - SEE SHEET SIGN-5

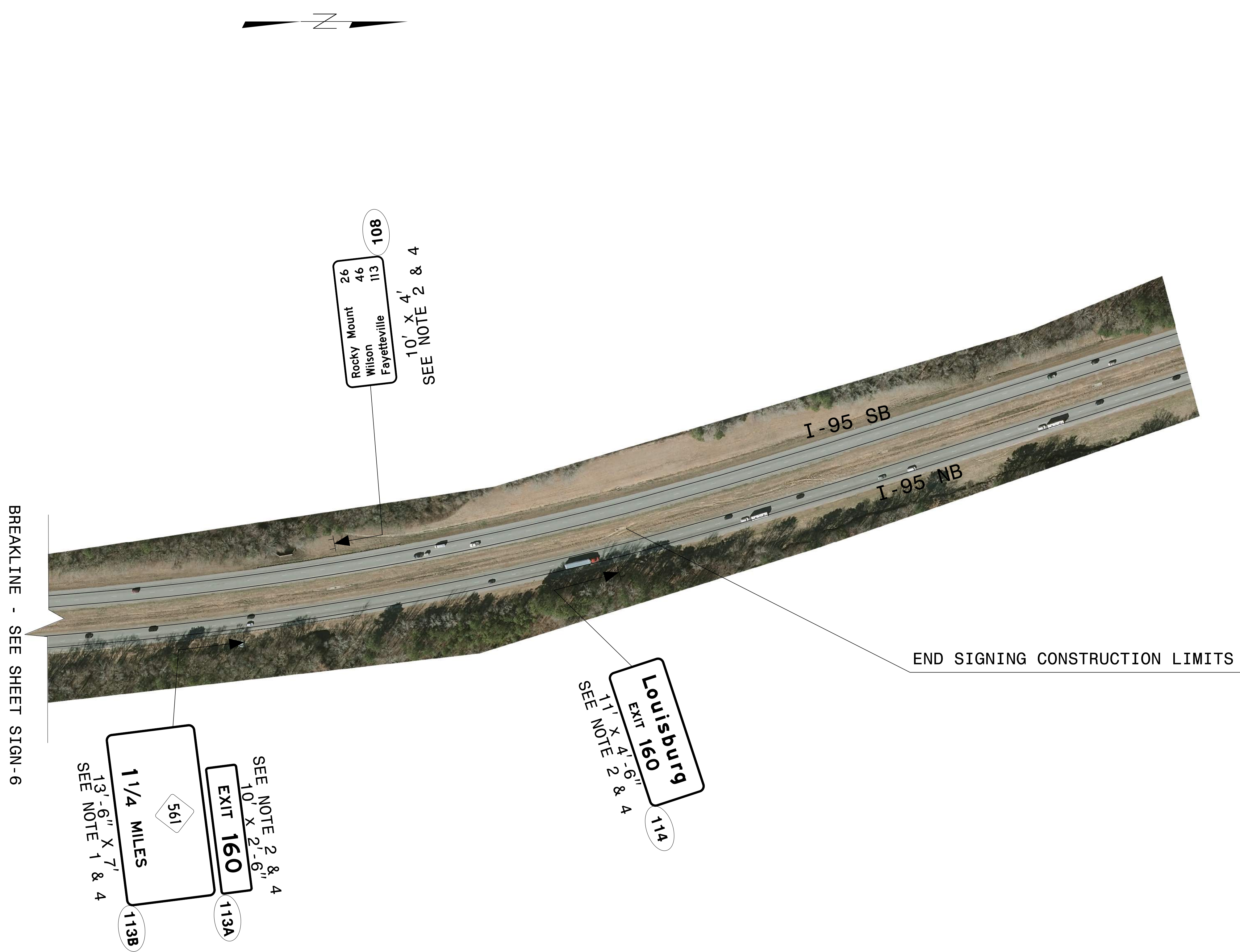
BREAKLINE - SEE SHEET SIGN-7

PROJECT NOTES

1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
3. SIGN ERECTION, TYPE D, E, AND F
4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
5. DISPOSAL OF SIGN, D, E, OR F

Roanoke Rapids
 Richmond
 SEE NOTE 1, 2, 3, & 4
 22
 10
 112

I-95 HALIFAX COUNTY
 PROPOSED SIGNING
 MILEMARKER 154.2 TO MILEMARKER 154.7



PROJECT NOTES

1. SIGN ERECTION, TYPE A (GROUND MOUNTED)
2. SIGN ERECTION, TYPE B (GROUND MOUNTED)
3. SIGN ERECTION, TYPE D, E, AND F
4. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
5. DISPOSAL OF SIGN, D, E, OR F

I-95 HALIFAX COUNTY
PROPOSED SIGNING
MILEMARKER 158.9 TO MILEMARKER 160

Q:\26721\58\LU\Eastern\Div 4\I-5932B\I-5932B_Sign-7.dgn
 Users\johns

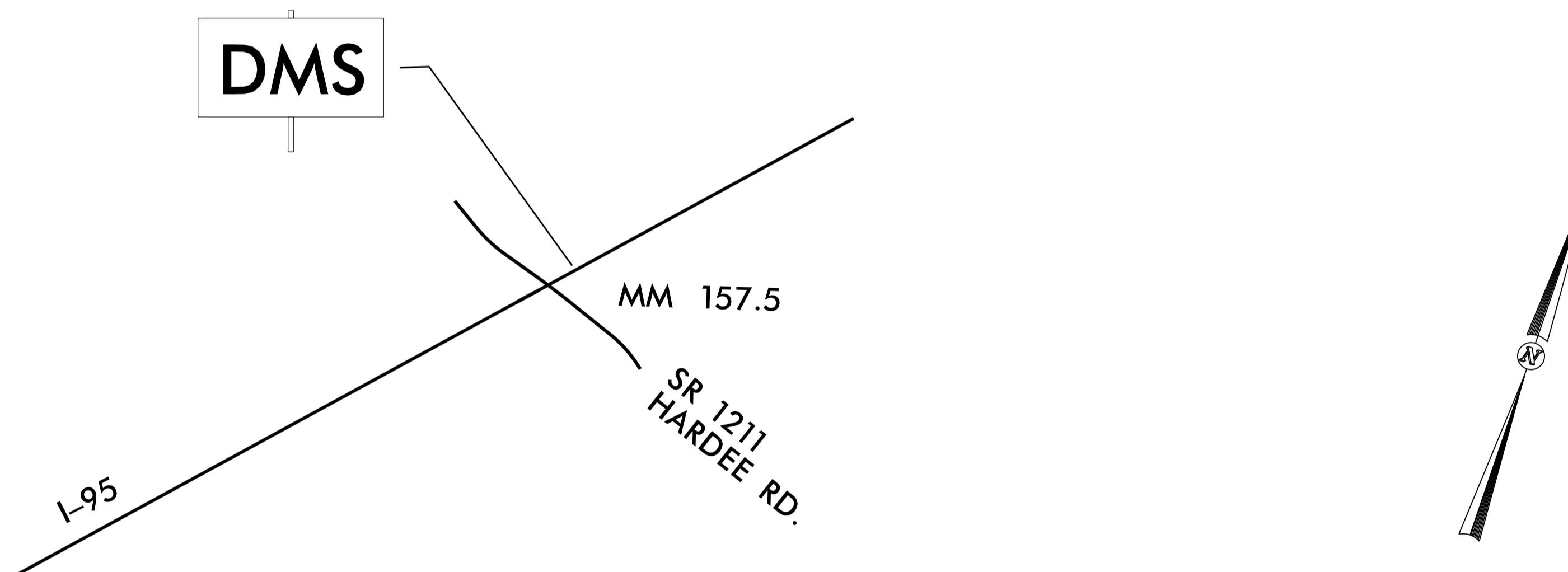
CONTRACT: C204652 TIP PROJECT: I-5932B

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

HALIFAX COUNTY

**LOCATION: SOUTHBOUND I-95, NEAR MM 157.5
NORTH OF SR 1211 (HARDEE ROAD) OVERPASS**
**TYPE OF WORK: DYNAMIC MESSAGE SIGN REPLACEMENT
ON EXISTING STRUCTURE.**

STATE	STATE PROJECT REFERENCE NO.	SHEET NO.
N.C.	I-5932B	ITS-1
STATE PROJ. NO.	F.A. PROJ. NO.	DESCRIPTION
45873.1.3		PE
45873.3.3		CONST.



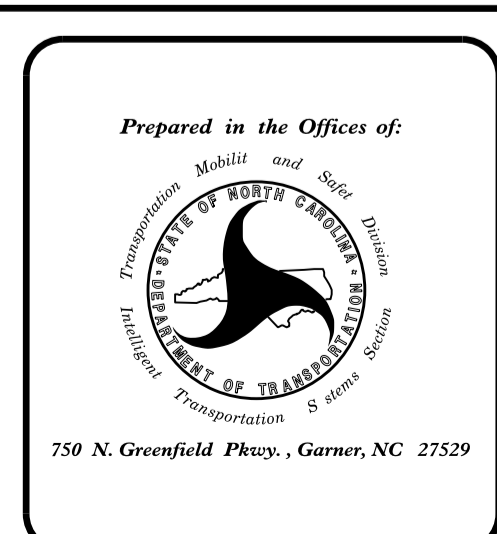
2018 STANDARD SPECIFICATIONS
PROJECT LENGTH PROJECT LENGTH = 0 MILES
LETTING DATE: SEPTEMBER 21, 2021
INDEX OF SHEETS
SHEET ITS 1.....TITLE SHEET SHEET ITS 2.....ITS PLANS

ROADWAY STANDARD DRAWINGS

THE FOLLOWING ROADWAY STANDARDS AS APPEAR IN "ROADWAY STANDARD DRAWINGS" ROADWAY DESIGN UNIT - N.C. DEPARTMENT OF TRANSPORTATION - RALEIGH, N.C., DATED JANUARY 2018 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

STD. NO.	TITLE
1101.02	TEMPORARY LANE CLOSURES
1101.03	TEMPORARY ROAD CLOSURES
1101.04	TEMPORARY SHOULDER CLOSURES

NCDOT CONTACT:
TRANSPORTATION MOBILITY AND SAFETY
M. M. MCDIARMID, P.E., CPM
STATE TRANSPORTATION SYSTEMS
MANAGEMENT & OPERATIONS ENGINEER



ENGLISH

ALL DIMENSIONS IN THESE PLANS ARE IN FEET UNLESS OTHERWISE NOTED

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED


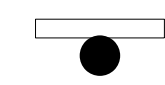
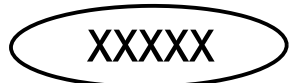
SEAL

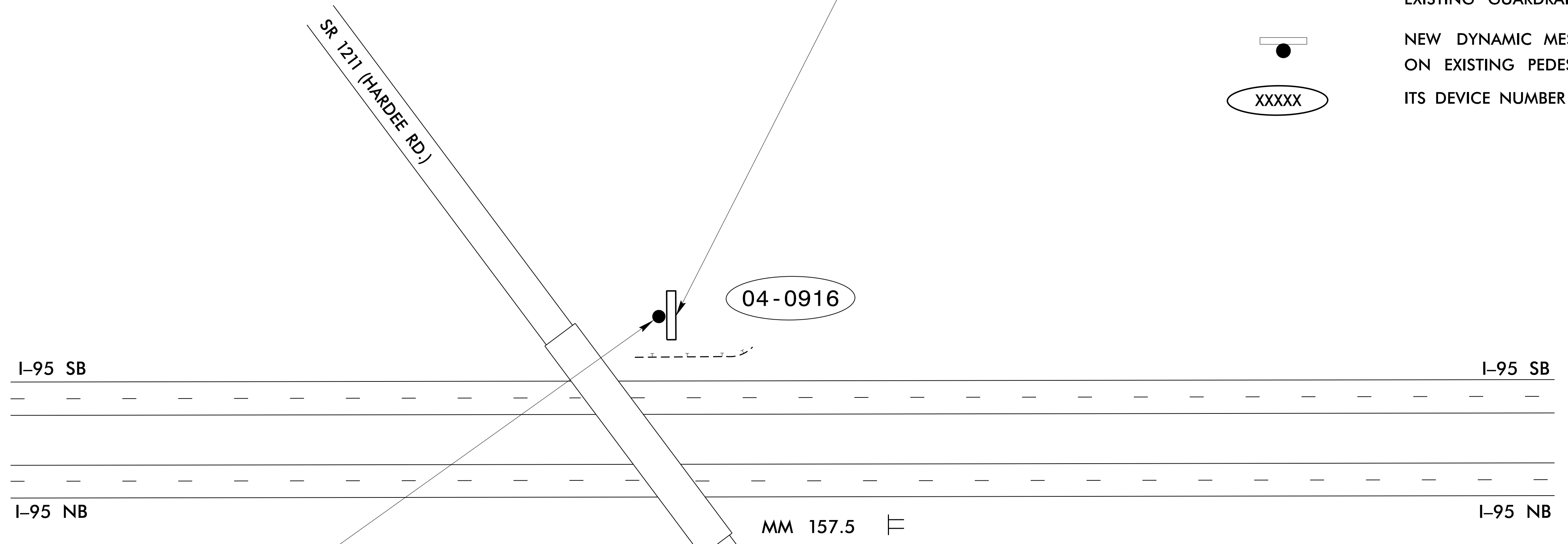
DocuSigned by:
Andrew J. Skuce
7/20/2021

2018 STANDARD SPECIFICATION

INSTALL THE FOLLOWING	
QUANTITY	DESCRIPTION
1	DYNAMIC MESSAGE SIGN (TYPE 2C)

LEGEND

-  EXISTING GUARDRAIL
-  NEW DYNAMIC MESSAGE SIGN ON EXISTING PEDESTAL STRUCTURE
-  ITS DEVICE NUMBER



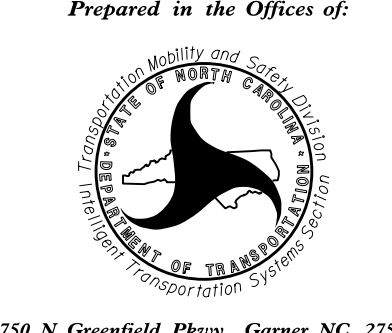
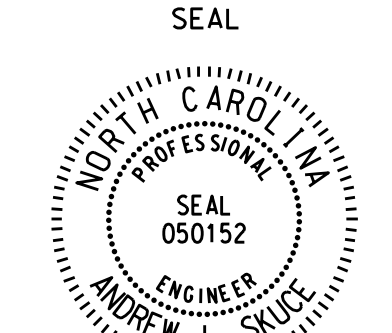

REMOVE AND DISPOSE OF THE FOLLOWING	
QUANTITY	DESCRIPTION
1	EXISTING DMS COMPONENTS

NOTES

1. REMOVE EXISTING DMS, CABINET, AND RISERS.
2. INSTALL NEW DMS AND CABINET ON EXISTING PEDESTAL STRUCTURE. ENSURE DMS ALIGNS WITH EXISTING ACCESS PLATFORM.
3. RELOCATE EXISTING CELL MODEM AND ANTENNA TO NEW CABINET.
4. CONTRACTOR SHALL MAINTAIN AND RE-USE EXISTING ELECTRICAL SERVICE AND FEEDER CONDUCTORS.

MM 157.5

DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	<p>DMS REPLACEMENT</p>									
	<p>DIVISION 4 HALIFAX COUNTY</p> <p>PLAN DATE: JULY 2021 REVIEWED BY: A.J. SKUCE</p> <p>PREPARED BY: B. CHRISTIAN</p>	<p>REVISIONS</p> <table border="1"> <tr> <th>NO.</th> <th>DESCRIPTION</th> <th>INIT.</th> <th>DATE</th> </tr> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>		NO.	DESCRIPTION	INIT.	DATE			
NO.	DESCRIPTION	INIT.	DATE							
<p>750 N. Greenfield Pkwy., Garner, NC 27529</p>  <p>SCALE: 0 NTS</p>										