T.I.P.: X-0002CC

CONTRACT: C203361

STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-1

APPROVED: Ayman I. Alqudwah

DATE: 5-21-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGNING PLAN
CUMBERLAND COUNTY

LOCATION: FROM EAST OF NC 210 (MURCHISON RD.) TO US 401

SUMMARY OF QUANTITIES

ITEM NO. DESC. NO.	ITEM NO. SECT. NO.	ITEM DESCRIPTION	QUANTITY	UNIT
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	79	C.Y.
4057000000	SP	OVERHEAD FOOTING	451	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	30766	LB.
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	14850	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	3772	L.F.
4078000000	903	SUPPORTS, 2 LB STEEL U-CHANNEL	24	EA.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "29+20 -COL2-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "33+40 -RP1BD-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "33+16 -COL2-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "37+90 -RP1BD-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "24+20 -RP1BD-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "10+00 -RP1D-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "32+00 -Y1-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "42+15 -RP1BD-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "12+04 -LP2D-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "13+40 -Y2-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "46+50 -CDR-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "51+15 -CDR-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "12+40 -LPB-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "30+95 -Y1-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "64+60 -L-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "81+10 -L-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "89+20 -L-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "97+40 -L-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "101+80 -L-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "107+60 -L-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "7+00 -Y12-RPC"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "14+84 -Y12-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "16+50 -Y12-"	1	L.S.
4096000000	904	SIGN ERECTION, TYPE D	4	EA.
4102000000	904	SIGN ERECTION, TYPE E	137	EA.
4108000000	904	SIGN ERECTION, TYPE F	32	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	24	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	23	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	54	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	22	EA.
4115000000	904	SIGN ERECTION, OVERLAY (OVERHEAD)	12	EA.
4116000000	904	SIGN ERECTION, OVERLAY (GROUND MOUNTED)	6	EA.
4116200000	904	SIGN ERECTION, REPOSITION OVERHEAD	1	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	10	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	15	EA.
4234000000	907	DISPOSAL OF SIGN, A OR B (OVERHEAD)	1	EA.
4236000000	907	DISPOSAL OF SIGN, A, B OR C (GROUND MOUNTED)	14	EA.
4238000000	907	DISPOSAL OF SIGN, D, E OR F	6	EA.

GENERAL NOTES

- SIGNS FURNISHED BY STATE
- ALL TYPE 'D' SIGNS SHALL BE MOUNTED ON TWO U-CHANNEL POSTS UNLESS OTHERWISE INDICATED ON THE PLANS.
- IF REMOVAL OR RELOCATION OF SIGNS ON PRIVATE STREET (NON-STATE MAINTAINED) IS REQUIRED DUE TO CONSTRUCTION, THE CONTRACTOR SHALL INFORM THE ENGINEER. THE WORK WILL BE COMPLETED BY OTHERS.
- WHEN NOT STATIONED OR DIMENSIONED ON PLANS, ALL 'E' AND 'F' SIGNS SHALL BE FIELD LOCATED BY THE ENGINEER
- WHEN EXISTING SIGNS ARE REMOVED AND INSTALLED ON NEW SUPPORTS, THE RE-ERECTION SHALL IMMEDIATELY FOLLOW THE REMOVAL.
- THE BACKGROUND FOR TYPE E & F SIGNS SHALL BE TYPE C REFLECTIVE SHEETING.
- DO NOT BEGIN FABRICATION FOR TYPES A & B SIGNS MOUNTED ON OVERHEAD STRUCTURES OR STEEL SUPPORTS UNTIL "S" DIMENSIONS HAVE BEEN FIELD VERIFIED.
- SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

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 2012 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
903.10	GROUND MOUNTED SIGN SUPPORTS (SHEETS 1 AND 3)
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

PROJECT NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)

INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-1A	SIGNING PROJECT LIMITS OVERVIEW
SIGN-2 & 2A	REVISED STANDARD ROADWAY DRAWINGS
SIGN-2B thru 2GG	OVERHEAD AND GROUND MOUNTED SIGN SUPPORTS
SIGN-3 thru 3KK	SIGN DESIGNS, TYPE E SIGNS, TYPE F SIGNS, MILEMARKERS
SIGN-4 thru 5O	SIGNING PLAN SHEETS

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

A. I. ALQUDWAH, P.E. SIGNING & DELINEATION REGIONAL ENGINEER

D. M. EATON SIGNING & DELINEATION PROJECT DESIGN ENGINEER

STATE OF NORTH CAROLINA DEPARTMENT OF TRANSPORTATION

20-MAY-2014 12:07
P:\TIPProjects\X0002BT\Traffic\Signing\CADD\Signing Layout Plans\x2cc\X0002CC_Sgn_title.dgn
mason at 1E2/A422

PROJECT X-0002CC
SIGNING PROJECT LIMITS
CUMBERLAND COUNTY

METRIC	TIP NO.	SHEET NO.
	X-0002CC	SIGN-1A

APPROVED: Hyman Alguduah

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER HYMAN I. ALGUDUAH

NAD 83 NC GRID

END PAVING LIMITS

END SIGNING PROJECT

FUTURE I-295
FAYETTEVILLE BYPASS

TO ELLINGTON

Ramsey St.

TO FAYETTEVILLE

401

FEAR RIVER

CAPE FEAR RIVER

SR 1714
River Rd

I-295
FAYETTEVILLE BYPASS

TO BENSON

Fort Bragg
Military Reservation

TO SPRING LAKE

24
87

210

SR 1600
McArthur Rd

TO FORT BRAGG

TO FORT BRAGG

TO FAYETTEVILLE

210

TO FAYETTEVILLE

Murchison Rd

24
87

Bragg Blvd

TO FAYETTEVILLE

SR 1007
All American Fwy

TO FAYETTEVILLE

95

TO LUMBERTON

BEGIN PAVING LIMITS

BEGIN SIGNING PROJECT

END SIGNING PROJECT

Fayetteville

SIGNING PROJECT LIMITS

21-OCT-2013 12:09
R:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\X0002CC_Sgn_title.dgn
meaton AT TE274922

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-2

APPROVED:

DATE: 10 - 28 - 13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I ALQUDWAH

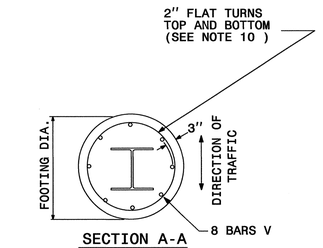
STATE OF NORTH CAROLINA
DEPT. OF TRANSPORTATION
DIVISION OF HIGHWAYS
RALEIGH, N.C.

1-12

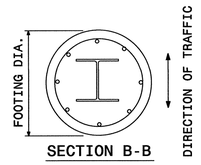
ENGLISH DETAIL DRAWING FOR

GROUND MOUNTED SIGN SUPPORTS

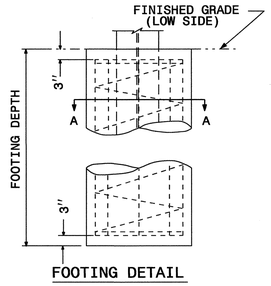
	SLIP BASE PLATE DATA								KEEPER PLATE DATA							HINGE CONNECTION DATA										BREAK AWAY SUPPORT WEIGHT CONSTANT LBS.
BEAM SHAPE	BOLT SIZE	A_1	B_1	C_1	D_1	E_1	T_1	R_1	A_2	B_2	C_2	D_2	E_2	R_2	T_2	BOLT SIZE	F	G	H	I	J	K	L	R_3	T_3	
S3X5.7	½"DIA.X 3"	7"	4"	1"	¾"	2½"	1"	9/32"	7"	4"	1"	¾"	2½"	9/32"	28 GAUGE	½"DIA.X1¼"	2¼"	3½"	4"	½"	1"	½"	2"	9/32"	⅜"	18
S4X7.7	½"DIA.X 3"	8"	4"	1"	¾"	2½"	1"	9/32"	8"	4"	1"	¾"	2½"	9/32"	28 GAUGE	½"DIA.X1¼"	2⅝"	3½"	4"	½"	1"	½"	2"	9/32"	⅜"	20
W6X9	½"DIA.X 3"	10"	5"	1"	¾"	3½"	1"	9/32"	10"	5"	1"	¾"	3½"	9/32"	28 GAUGE	½"DIA.X1¼"	4"	3½"	4"	¾"	1"	½"	2"	9/32"	⅜"	32
W6X12	⅝"DIA.X3¾"	11"	5"	1¼"	⅞"	3¼"	1¼"	11/32"	11"	5"	1¼"	⅞"	3¼"	11/32"	28 GAUGE	⅝"DIA.X2¼"	4"	4"	4½"	¾"	1⅛"	⅝"	2¼"	11/32"	⅜"	39
W6X16	⅝"DIA.X3¾"	12"	6"	1¼"	⅞"	4¼"	1½"	11/32"	12"	6"	1¼"	⅞"	4¼"	11/32"	28 GAUGE	⅝"DIA.X2½"	4"	4"	4½"	¾"	1⅛"	⅝"	2¼"	11/32"	½"	47
W8X18	⅝"DIA.X 4¼"	13½"	6½"	1¼"	⅞"	4¾"	1½"	11/32"	13½"	6½"	1¼"	⅞"	4¾"	11/32"	28 GAUGE	⅝"DIA.X2½"	5¼"	4"	4½"	1"	1⅛"	⅝"	2¼"	11/32"	½"	70
W8X21	¾"DIA.X 4¼"	14"	7"	1½"	1"	5"	1½"	13/32"	14"	7"	1½"	1"	5"	13/32"	28 GAUGE	¾"DIA.X2¾"	5¼"	6"	7"	1"	1¾"	¾"	3½"	13/32"	½"	73
W10X22	¾"DIA.X 4¼"	16"	8"	1½"	1"	6"	1½"	13/32"	16"	8"	1½"	1"	6"	13/32"	28 GAUGE	¾"DIA.X2¾"	5¾"	6"	7"	1"	1¾"	¾"	3½"	13/32"	½"	119
W10X26	¾"DIA.X4¾"	16½"	8"	1½"	1"	6"	1¾"	13/32"	16½"	8"	1½"	1"	6"	13/32"	28 GAUGE	¾"DIA.X2¾"	5¾"	6"	7"	1"	1¾"	¾"	3½"	13/32"	⅝"	140
W12X26	¾"DIA.X4¾"	18½"	9"	1½"	1"	7"	1¾"	13/32"	18½"	9"	1½"	1"	7"	13/32"	28 GAUGE	¾"DIA.X2¾"	6½"	6"	7"	1"	1¾"	¾"	3½"	13/32"	⅝"	176
W14X30	1"DIA.X 5"	22"	9"	2"	1½"	6"	2"	17/32"	22"	9"	2"	1½"	6"	17/32"	28 GAUGE	1"DIA.X3"	6¾"	7"	8"	1¼"	2"	1"	4"	17/32"	⅝"	205
W16X31	1"DIA.X 5"	24"	9"	2"	1½"	6"	2"	17/32"	24"	9"	2"	1½"	6"	17/32"	28 GAUGE	1"DIA.X3¼"	5½"	7"	8"	1¼"	2"	1"	4"	17/32"	¾"	223
W18X35	1"DIA.X 5"	25"	9"	2"	1½"	6"	2"	17/32"	25"	9"	2"	1½"	6"	17/32"	28 GAUGE	1"DIA.X3¼"	6"	7"	8"	1¼"	2"	1"	4"	17/32"	¾"	243
W18X40	1"DIA.X5½"	26"	9"	2"	1½"	6"	2¼"	17/32"	26"	9"	2"	1½"	6"	17/32"	28 GAUGE	1"DIA.X3¾"	6"	7"	8"	1¼"	2"	1"	4"	17/32"	⅞"	278
W21X44	1"DIA.X5½"	29"	9"	2"	1½"	6"	2½"	17/32"	29"	9"	2"	1½"	6"	17/32"	28 GAUGE	1"DIA.X3¾"	6½"	7"	8"	1¼"	2"	1"	4"	17/32"	⅞"	310



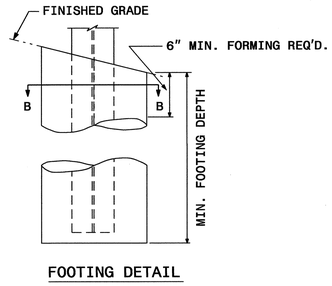
SECTION A-A



SECTION B-B



FOOTING DETAIL



FOOTING DETAIL

FOUNDATION DATA *		
FOOTING DIAMETER	REINFORCEMENT	SPIRAL BAR
1' 6"	8 # 6 BARS	#3 BAR, 6" PITCH
2'	8 # 7 BARS	#3 BAR, 6" PITCH
2' 6"	8 # 9 BARS	#3 BAR, 6" PITCH
3'	8 # 11 BARS	#3 BAR, 6" PITCH
3' 6"	8 # 12 BARS	#3 BAR, 6" PITCH
4'	8 # 14 BARS	#3 BAR, 6" PITCH

* FOUNDATION DIMENSIONS ARE SHOWN IN PLANS

SHEET 2 OF 3

903D10

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

1-12

ENGLISH DETAIL DRAWING FOR

GROUND MOUNTED SIGN SUPPORTS

SHEET 2 OF 3

903D10

REVISED SIGNING
ROADWAY STANDARD DRAWING

21-OCT-2013 12:04
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\X0002CC_Sgn_title.dgn
meaton AT TE274922

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-2A

APPROVED: Ayman Alqudwah

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

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

1-12

ENGLISH STANDARD DRAWING FOR

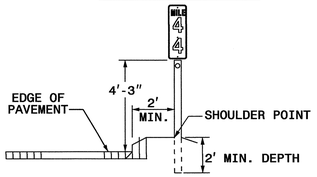
MILEPOST AND PLACEMENT

SHEET 1 OF 1

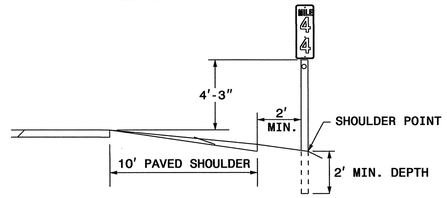
904D40

MILEPOST PLACEMENT

ROADWAY WITH CURB



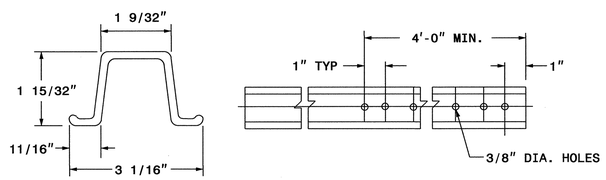
ROADWAY WITH 10' PAVED SHOULDER



NOTES:

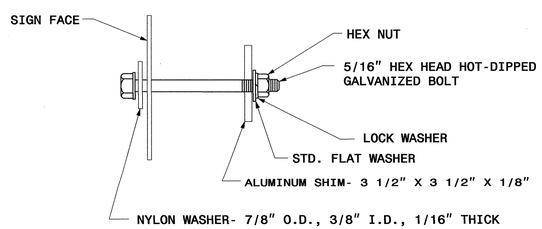
1. A MILEPOST SIGN SHALL CONSIST OF ONE (1) 12" X 24", 12" X 36" OR 12" X 48" SIGN PANEL. AN ENHANCE REFERENCE LOCATION SIGN SHALL CONSIST OF ONE (1) 18" X 54" SIGN PANEL. AN INTERMEDIATE ENHANCE REFERENCE LOCATION SIGN SHALL CONSIST OF ONE (1) 18" X 60" SIGN PANEL.
2. FABRICATE SIGNS FROM .080" SHEET ALUMINUM. EACH SIGN SHALL HAVE SILVER STUCK-ON MESSAGE AND BORDER ON GREEN BACKGROUND. MESSAGE, BORDER AND BACKGROUND TO BE REFLECTORIZED.
3. MILEPOST AND ENHANCE REFERENCE LOCATION SIGNS REQUIRE ONE (1) 2-LB GALVANIZED STEEL U-CHANNEL POST. THE POST'S LENGTH MUST MEET THE REQUIREMENTS SHOWN IN THESE STANDARDS.
4. POSTS SHALL BE DRIVEN. THE TOP OF POST SHALL NOT PROJECT ABOVE THE TOP OF SIGN.
5. ATTACH EACH SIGN TO THE WIDE FACE (FLANGES) OF THE POST BY MEANS OF THE FOLLOWING COMBINATION- 5/16" HEX HEAD BOLT, NYLON WASHER, SHIM, FLAT WASHER, LOCK WASHER, HEX NUT. FULL CONTACT BETWEEN THE SIGN AND THE POST SHALL BE ACHIEVED. NO BUCKLING OF THE SIGN WILL BE PERMITTED.
6. PLACE MILEPOST SIGNS AT THE SHOULDER POINT UNLESS THE ENGINEER DIRECTS OTHERWISE.

POST DETAILS



2-LB U-CHANNEL

FASTENER



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

1-12

ENGLISH STANDARD DRAWING FOR

MILEPOST AND PLACEMENT

SHEET 1 OF 1

904D40

REVISED SIGNING
ROADWAY STANDARD DRAWING

21-OCT-2013 12:04
R:\TIPProjects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\X0002CC_Sgn_title.dgn
mgatron AT TE274922

TIP NO.	SHEET NO.
X-0002CC	SIGN-2B

APPROVED: [signature]

DATE: 10-28-13

SEAL: NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 028387 AYMAN I. ALQUDWAH

PROJECT X-0002CC GROUND-MOUNTED SIGN SUPPORT CHART

SIGN NO.	SIGN TYPE	SIGN SIZE (mm) w x h	ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE BA or S	ATTACH METHOD	MOUNTING METHOD	HORIZ CLR. (m)	LENGTH (m) SNS HT H	LENGTH (m) MTG HT C	LENGTH (m) EMBED-MENT	LEFT SUPPORT (m) S	LEFT SUPPORT (m) L	LEFT SUPPORT (m) TOTAL LENGTH	CENTER SUPPORT (m) S	CENTER SUPPORT (m) L	CENTER SUPPORT (m) TOTAL LENGTH	RIGHT SUPPORT (m) S	RIGHT SUPPORT (m) L	RIGHT SUPPORT (m) TOTAL LENGTH	FOOTING DIAMETER (m)	FOOTING DEPTH (m)	B/A SUPPORT WEIGHTS (kg)	SIMPLE SUPPORT WEIGHTS (kg)	REINF. FTGS. (c.m.)	PLAIN FTGS. (c.m.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
101	A	3900 X2900	21+70 -Y2-	2	W6x16	BA	N/A	N/A	2.65	2.90	2.30	1.68	-0.17	5.03	6.71	0.00	0.00	0.00	0.46	5.66	7.34	0.6096	1.8288	394.54	0.00	1.07	0.00	
102	A	3900 X2900	9+40 -Y2-	2	W6x16	BA	N/A	N/A	6.10	2.90	2.13	1.52	0.10	5.14	6.66	0.00	0.00	0.00	0.14	5.17	6.70	0.6096	1.6764	378.14	0.00	0.98	0.00	
103	A	5600 X2600	49+62 -CDR-	3	W8x21	S	N/A	N/A	5.50	2.60	2.13	1.52	0.67	5.40	6.93	1.33	6.07	7.59	2.00	6.73	8.25	0.762	1.6764	0.00	711.59	2.29	0.00	
104	A	2800 X1700	57+00 -L-	2	S4x7.7	S	N/A	N/A	6.00	1.70	2.13	1.07	0.62	4.46	5.52	0.00	0.00	0.00	1.17	5.00	6.07	0.4572	1.2192	0.00	132.87	0.40	0.00	
105	A	3300 X2100	35+00 -Y1-	2	W6x12	BA	N/A	N/A	1.83	2.10	2.28	1.22	-0.15	4.23	5.45	0.00	0.00	0.00	0.01	4.40	5.62	0.6096	1.3716	236.38	0.00	0.80	0.00	
106A 106B	B A	2900 X800 5200 X4300	72+80 -l-	3	W18x40	S	1-R	N/A	1.83	4.30	2.13	0.46	0.68	7.12	7.57	1.30	7.73	8.19	1.91	8.35	8.80	0	0.6096	0.00	1462.23	0.00	0.00	
107	A	5600 X2600	76+26 -L-	3	W8x18	S	N/A	N/A	6.00	2.60	2.13	1.52	0.61	5.34	6.87	1.11	5.84	7.36	1.60	6.34	7.86	0.762	1.6764	0.00	591.77	2.29	0.00	
108A 108B	B A	2900 X800 5200 X4100	79+00 -L-	3	W10x26	S	1-R	N/A	6.00	4.10	2.13	1.83	0.47	6.70	8.53	0.78	7.01	8.84	1.08	7.32	9.14	0.9144	1.9812	0.00	1025.86	3.90	0.00	
109	A	6300 X2700	86+10 -L-	3	W6x16	BA	N/A	N/A	9.14	2.70	2.43	1.68	0.97	6.10	7.78	0.45	5.58	7.26	####	4.83	6.51	0.6096	1.8288	603.05	0.00	1.60	0.00	
110A 110B	B A	3500 X800 4900 X2800	104+55 -L-	2	W10x26	BA	1-R	N/A	7.62	2.80	2.13	1.68	1.25	6.18	7.86	0.00	0.00	0.00	1.97	6.90	8.58	0.9144	1.8288	766.49	0.00	2.40	0.00	
111A 111B	A A	4300 X800 4900 X1800	115+50 -L-	2	W8x21	S	1-R	N/A	6.00	1.80	2.13	1.68	0.68	4.61	6.29	0.00	0.00	0.00	1.64	5.57	7.25	0.762	1.8288	0.00	423.11	1.67	0.00	
112	A	6300 X2700	119+28 -L-	3	W8x21	S	N/A	N/A	6.00	2.70	2.13	1.68	0.65	5.48	7.16	1.39	6.23	7.90	2.14	6.97	8.65	0.762	1.8288	0.00	740.88	2.50	0.00	
113A 113B	B A	2900 X800 4700 X3600	121+90 -L-	2	W10x26	BA	1-R	N/A	9.14	3.60	2.13	1.83	0.96	6.70	8.53	0.00	0.00	0.00	0.29	6.03	7.86	0.9144	1.9812	764.55	0.00	2.60	0.00	
114A 114B	A A	4300 X800 4900 X1800	123+50 -L-	2	W8x18	BA	1-R	N/A	9.14	1.80	2.13	1.52	0.96	4.90	6.42	0.00	0.00	0.00	0.21	4.15	5.67	0.762	1.6764	397.43	0.00	1.53	0.00	
115A 115B	B A	2900 X800 4700 X3600	130+00 -L-	2	W14x30	S	1-R	N/A	6.00	3.60	2.13	1.98	0.43	6.16	8.14	0.00	0.00	0.00	1.42	7.15	9.13	0.9144	2.1336	0.00	771.13	2.80	0.00	
116	A	4800 X1600	133+64 -L-	2	W6x12	BA	N/A	N/A	9.14	1.60	2.13	1.37	0.96	4.69	6.07	0.00	0.00	0.00	0.23	3.97	5.34	0.6096	1.524	242.36	0.00	0.89	0.00	
117A 117B	B A	2900 X800 4700 X4000	137+10 -L-	2	W18x40	S	1-R	N/A	6.00	4.00	2.13	0.46	0.39	6.53	6.98	0.00	0.00	0.00	1.31	7.44	7.90	0	0.6096	0.00	886.09	0.00	0.00	
118	A	2400 X2100	13+37 -Y12-	2	W6x9	BA	N/A	N/A	1.41	2.10	2.23	1.22	-0.10	4.23	5.45	0.00	0.00	0.00	####	4.25	5.47	0.4572	1.3716	174.91	0.00	0.45	0.00	
119	A	2400 X2100	17+60 -Y12-	2	W6x12	BA	N/A	N/A	6.00	2.10	2.13	1.22	1.42	5.65	6.87	0.00	0.00	0.00	1.40	5.63	6.85	0.6096	1.3716	283.71	0.00	0.80	0.00	
120	A	2400 X2100	17+60 -Y12-	2	W6x12	BA	N/A	N/A	6.10	2.10	2.13	1.22	1.42	5.65	6.87	0.00	0.00	0.00	1.40	5.63	6.85	0.6096	1.3716	283.71	0.00	0.80	0.00	
** 130A 130B	B A	2900 X800 5400 X4000	SEE PLANS	3	W10x26	BA	1-R	N/A	9.14	4.00	2.13	1.83	1.04	7.17	9.00	1.18	7.31	9.14	1.31	7.44	9.27	0.9144	1.9812	1256.61	0.00	3.90	0.00	
** 131A 131B	B A	2900 X800 5400 X4000	SEE PLANS	3	W10x26	BA	1-R	N/A	9.14	4.00	2.13	1.83	1.58	7.72	9.54	1.84	7.98	9.81	1.56	7.70	9.52	0.9144	1.9812	1313.29	0.00	3.90	0.00	
** 132A 132B	B A	2900 X800 5400 X4300	SEE PLANS	3	W10x26	BA	1-R	N/A	9.14	4.30	2.13	1.83	1.08	7.51	9.34	1.51	7.94	9.77	1.42	7.86	9.69	0.9144	1.9812	1310.32	0.00	3.90	0.00	
** 133A 133B	B A	2900 X800 5400 X4000	SEE PLANS	3	W10x26	BA	1-R	N/A	6.10	4.00	2.13	1.83	0.80	6.93	8.76	1.35	7.48	9.31	1.84	7.97	9.80	0.9144	1.9812	1274.49	0.00	3.90	0.00	
** 134A 134B	B A	2900 X800 5400 X4000	SEE PLANS	3	W10x26	BA	1-R	N/A	9.14	4.00	2.13	1.83	1.35	7.48	9.31	1.08	7.21	9.04	0.81	6.94	8.77	0.9144	1.9812	1245.70	0.00	3.90	0.00	
** 135A 135B	B A	2900 X800 5400 X4300	SEE PLANS	3	W10x26	BA	1-R	N/A	9.14	4.30	2.13	1.83	1.05	7.48	9.31	1.48	7.91	9.74	1.05	7.48	9.31	0.9144	1.9812	1293.48	0.00	3.90	0.00	
201	A	2700 X1500	27+06 -COL2-	2	S4x7.7	BA	N/A	N/A	△	1.50	2.13	1.07	0.15	3.78	4.85	0.00	0.00	0.00	0.15	3.78	4.85	0.4572	1.2192	129.58	0.00	0.40	0.00	
202	A	1800 X1500	26+25 -Y1-	2	S3x5.7	BA	N/A	N/A	△	1.50	2.13	0.91	0.15	3.78	4.70	0.00	0.00	0.00	0.15	3.78	4.70	0.4572	1.0668	95.82	0.00	0.35	0.00	
203	A	1800 X1500	10+77 -RP1D-	2	S3x5.7	BA	N/A	N/A	△	1.50	2.13	0.91	0.15	3.78	4.70	0.00	0.00	0.00	0.15	3.78	4.70	0.4572	1.0668	95.82	0.00	0.35	0.00	
204	A	1800 X1500	12+13 -Y1-	2	S3x5.7	BA	N/A	N/A	△	1.50	2.13	0.91	0.15	3.78	4.70	0.00	0.00	0.00	0.15	3.78	4.70	0.4572	1.0668	95.82	0.00	0.35	0.00	
205	A	2700 X1500	31+70 -COL2-	2	S4x7.7	BA	N/A	N/A	△	1.50	2.13	1.07	0.15	3.78	4.85	0.00	0.00	0.00	0.15	3.78	4.85	0.4572	1.2192	129.58	0.00	0.40	0.00	
206	A	1800 X1500	42+20-RP1BD-	2	S3x5.7	BA	N/A	N/A	△	1.50	2.13	0.91	0.15	3.78	4.70	0.00	0.00	0.00	0.15	3.78	4.70	0.4572	1.0668	95.82	0.00	0.35	0.00	
208	A	2000 X1500	64+10 -L-	2	S3x5.7	BA	N/A	N/A	△	1.50	2.13	0.91	0.15	3.78	4.70	0.00	0.00	0.00	0.15	3.78	4.70	0.4572	1.0668	95.82	0.00	0.35	0.00	
209	A	2700 X1500	98+52 -L-	2	S4x7.7	BA	N/A	N/A	△	1.50	2.13	1.07	0.15	3.78	4.85	0.00	0.00	0.00	0.15	3.78	4.85	0.4572	1.2192	129.58	0.00	0.40	0.00	
210	A	2700 X1500	101+61 -L-	2	S4x7.7	BA	N/A	N/A	△	1.50	2.13	1.07	0.15	3.78	4.85	0.00	0.00	0.00	0.15	3.78	4.85	0.4572	1.2192	129.58	0.00	0.40	0.00	
211	A	2700 X1500	103+27 -L-	2	S4x7.7	BA	N/A	N/A	△	1.50	2.13	1.07	0.15	3.78	4.85	0.00	0.00	0.00	0.15	3.78	4.85	0.4572	1.2192	129.58	0.00	0.40	0.00	
212	A	2700 X1500	106+71 -L-	2	S4x7.7	BA	N/A	N/A	△	1.50	2.13	1.07	0.15	3.78	4.85	0.00	0.00	0.00	0.15	3.78	4.85	0.4572	1.2192	129.58	0.00	0.40	0.00	
213	A	2000 X1500	140+49 -L-	2	S3x5.7	BA	N/A	N/A	△	1.50	2.13	0.91	0.15	3.78	4.70	0.00	0.00	0.00	0.15	3.78	4.70	0.4572	1.0668	95.82	0.00	0.35	0.00	
214	A	2000 X1500	149+08 -L-	2	S3x5.7	BA	N/A	N/A	△	1.50	2.13	0.91	0.15	3.78	4.70	0.00	0.00	0.00	0.15	3.78	4.70	0.4572	1.0668	95.82	0.00	0.35	0.00	
215	A	2000 X1500	SEE PLANS	2	S3x5.7	BA	N/A	N/A	△	1.50	2.13	0.91	0.15	3.78	4.70	0.00	0.00	0.00	0.15	3.78	4.70	0.4572	1.0668	95.82	0.00	0.35	0.00	
216	A	2000 X1500	SEE PLANS	2	S3x5.7	BA	N/A	N/A	△	1.50	2.13	0.91	0.15	3.78	4.70	0.00	0.00	0.00	0.15	3.78	4.70	0.4572	1.0668	95.82	0.00	0.35	0.00	
217	A	2000 X1500	SEE PLANS	2	S3x5.7	BA	N/A	N/A	△	1.50	2.13	0.91	0.15	3.78	4.70	0.00	0.00	0.00	0.15	3.78	4.70	0.4572	1.0668	95.82	0.00	0.35	0.00	
																								TOTAL 13954.82	TOTAL 6745.54	TOTAL 59.11	TOTAL 0.00	
																							USE:	13955	6746	60	0	

** SIGN SUPPORT CENTERS SPACED AT 2.29M

Beam Sizes
English To Metric Equivalents

English	Metric
S3x5.7	S75x85
S4x7.7	S100x11
W6x9	W150x13
W6x12	W150x18
W6x16	W150x24
W8x18	W200x27
W8x21	W200x31
W10x22	W250x33
W10x26	W250x39
W12x26	W300x39
W14x30	W350x45
W16x31	W400x46
W18x35	W450x52
W18x40	W450x60
W21x44	W525x65

TYPICAL ELEVATION
GROUND MOUNTED SIGNS

NOTES

1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF PAVEMENT.

2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES

3. PLAN LOCATIONS FOR EXISTING UTILITIES ARE BASED ON THE BEST AVAILABLE INFORMATION AND, THEREFORE MAY NOT BE PRECISELY ACCURATE. THEREFORE, IT IS INCUMBENT UPON THE CONTRACTOR TO DETERMINE THE EXACT LOCATION OF UTILITIES BEFORE BEGINNING WORK IN A LOCATION.

TYPE "A" AND TYPE "B" GROUND MOUNTED SIGNS

21-OCT-2013 12:03
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\X0002CC_Sgn_title.dgn
meaton AT TE274922

METRIC

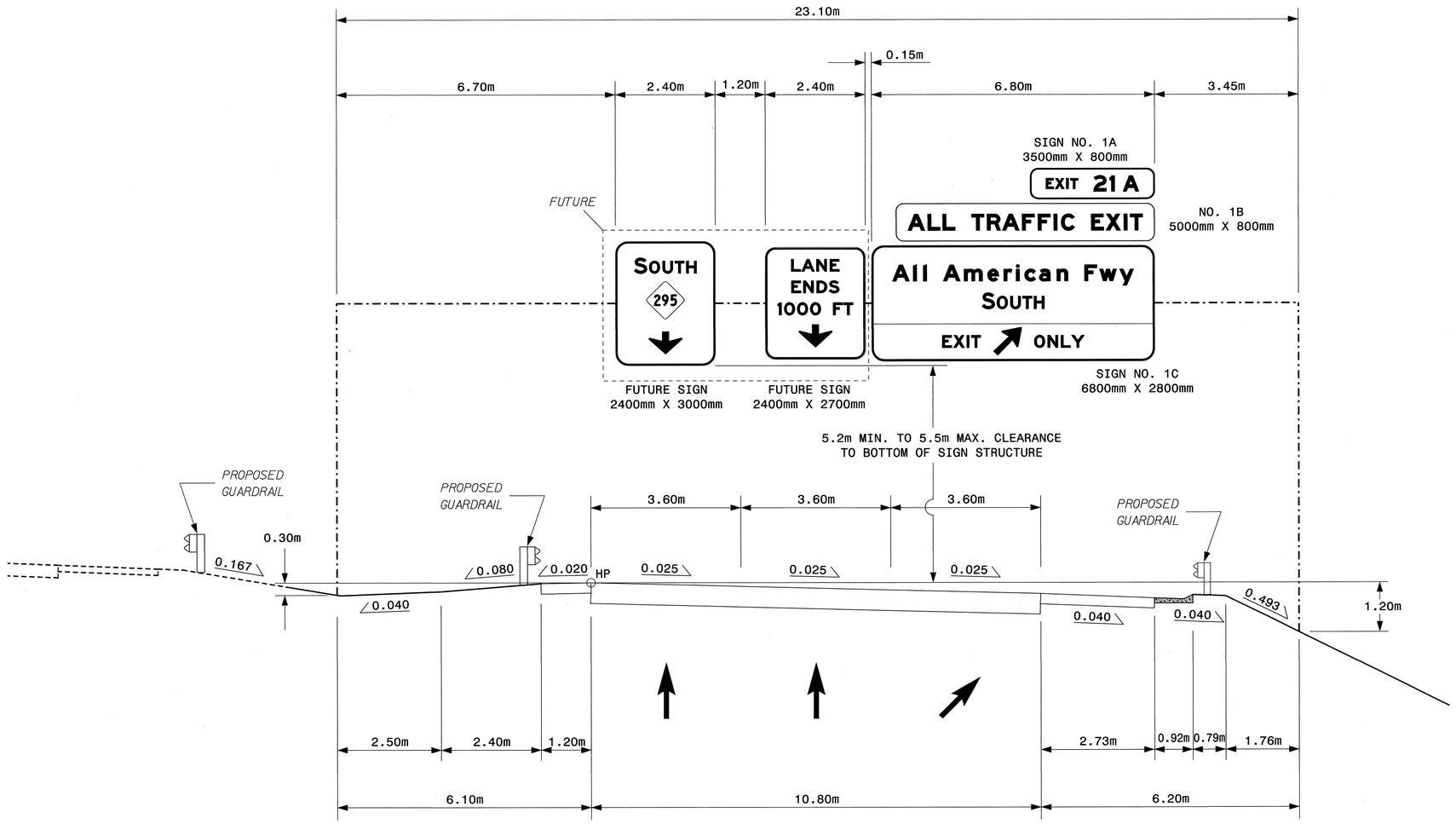
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2C	

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 29+20 -COL2-

METRIC

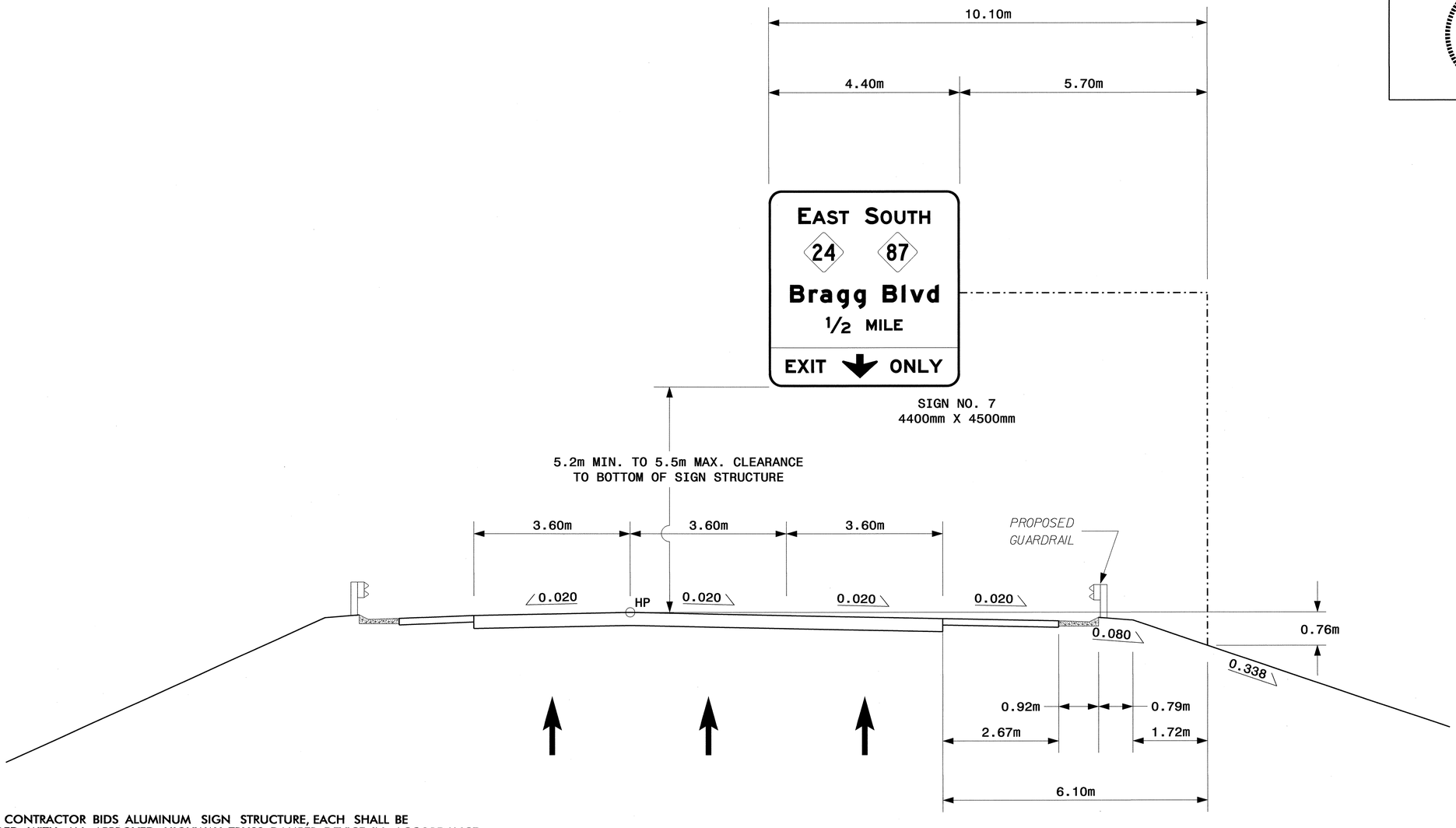
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2D	

APPROVED: [signature]

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 33+40 -RP1BD-

METRIC

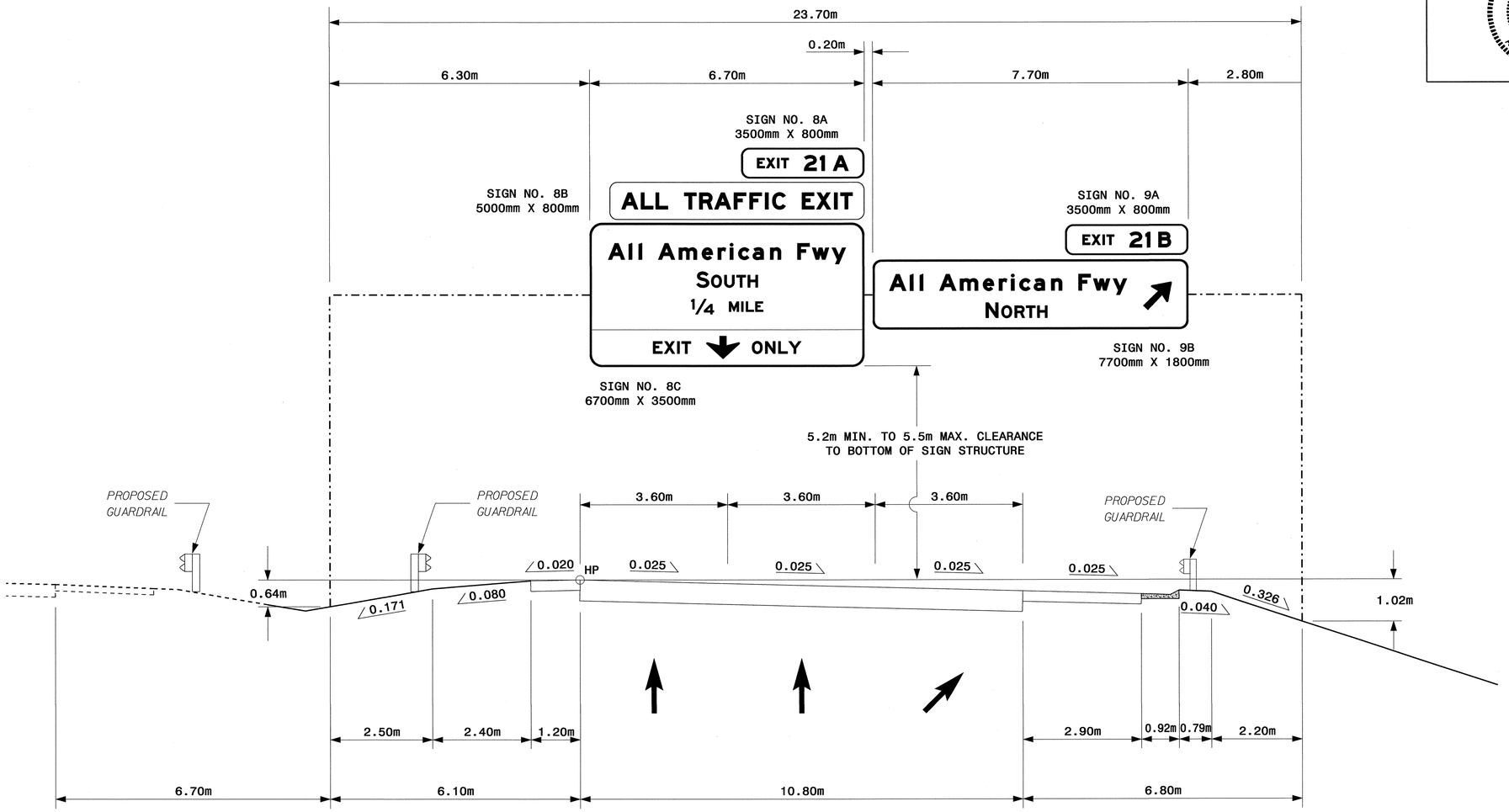
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2E	

APPROVED: Ayman Alqudwah

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 33+16 -COL2-

METRIC

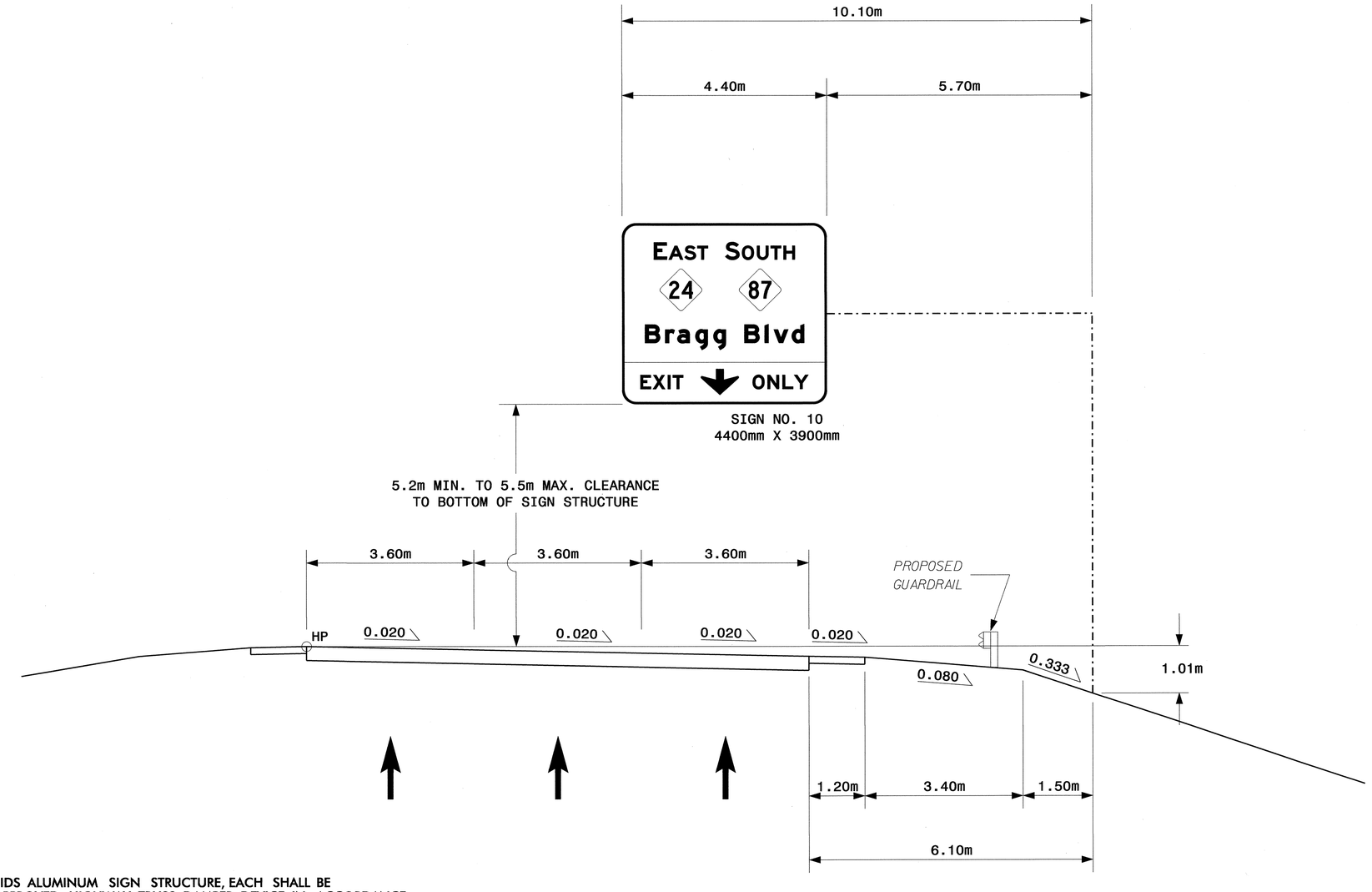
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2F	

APPROVED: Ayman Aloudwan

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I ALQUDWAN



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 37+90 -RP1BD-

METRIC

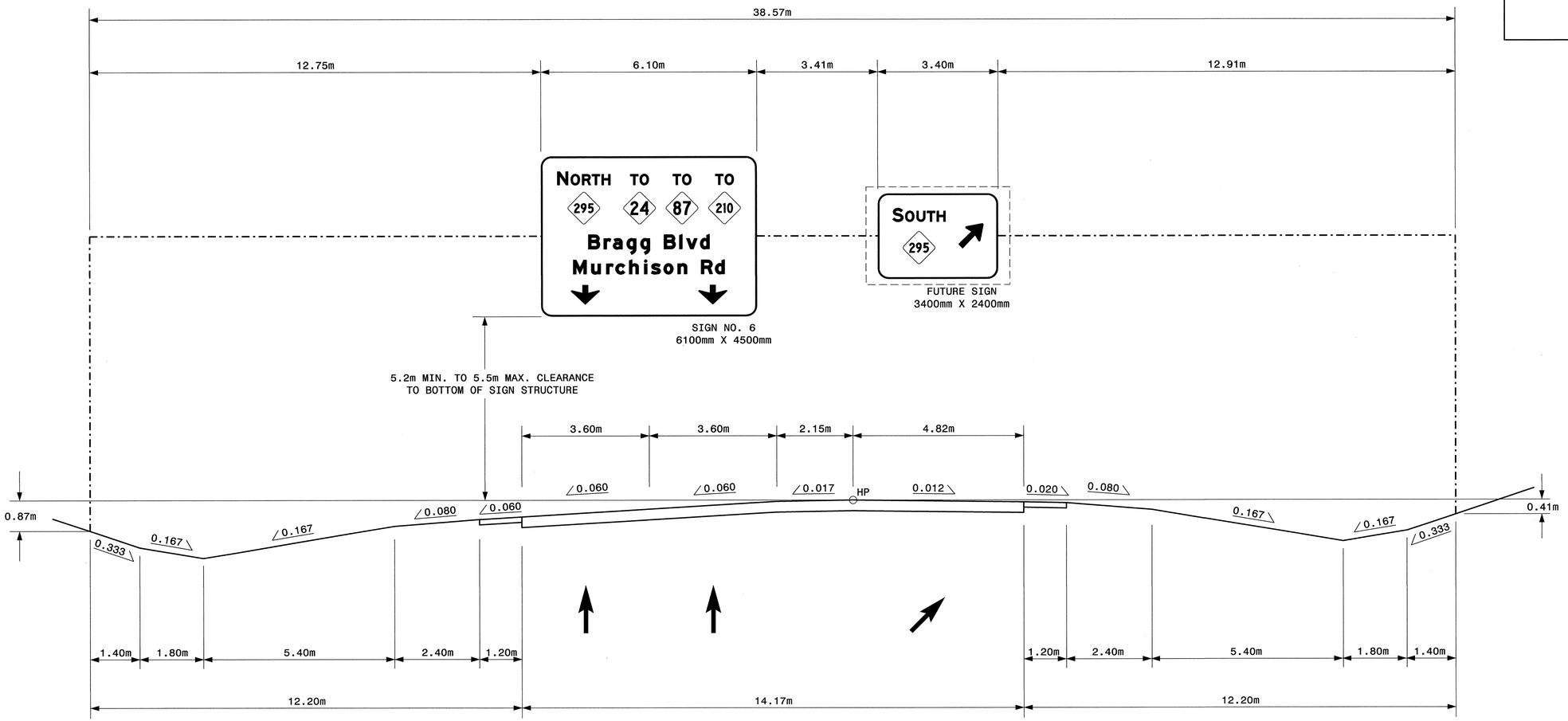
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2G	

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 24+20 -RP1BD-

METRIC

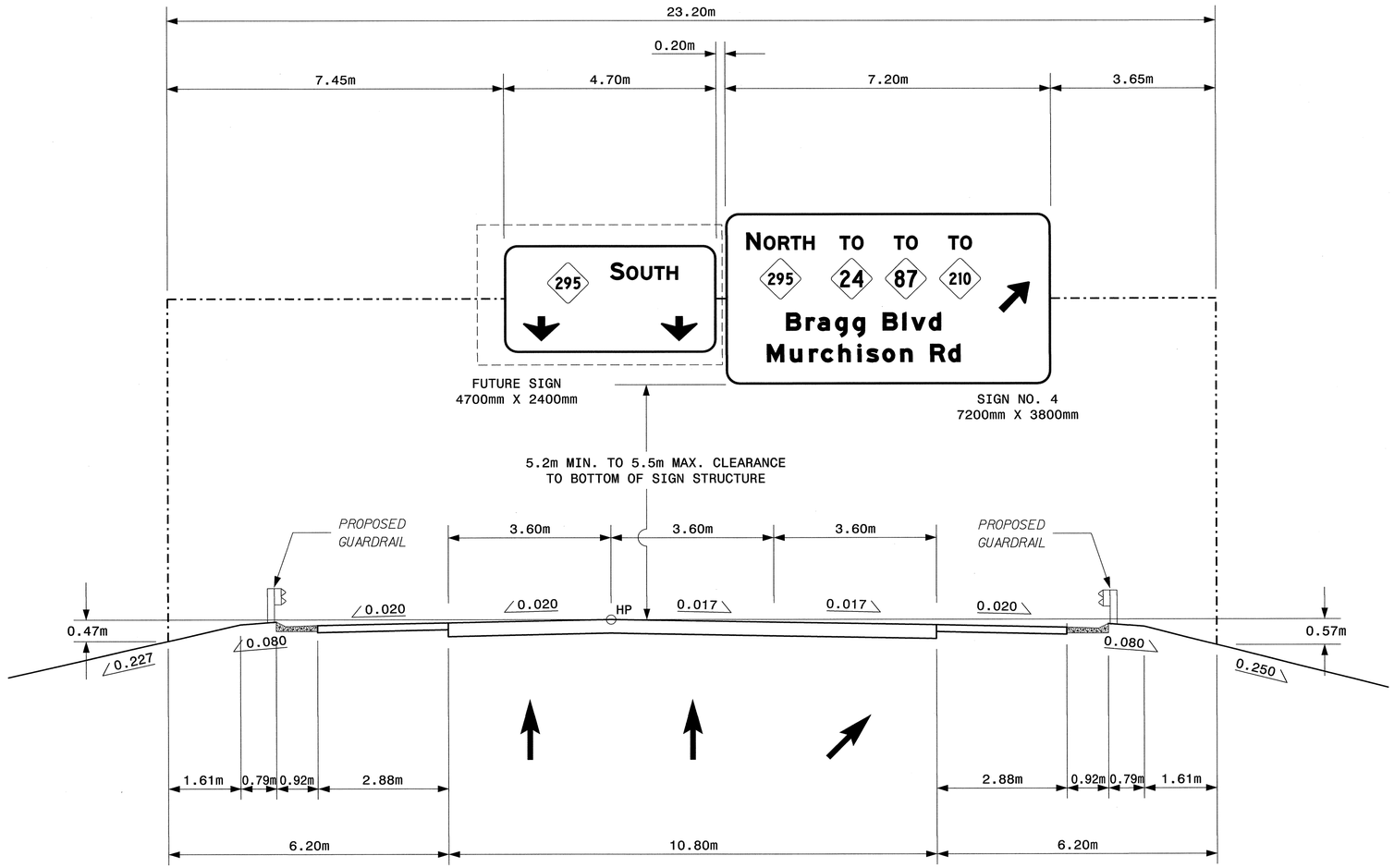
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2H	

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 10+00 -RP1D-

METRIC

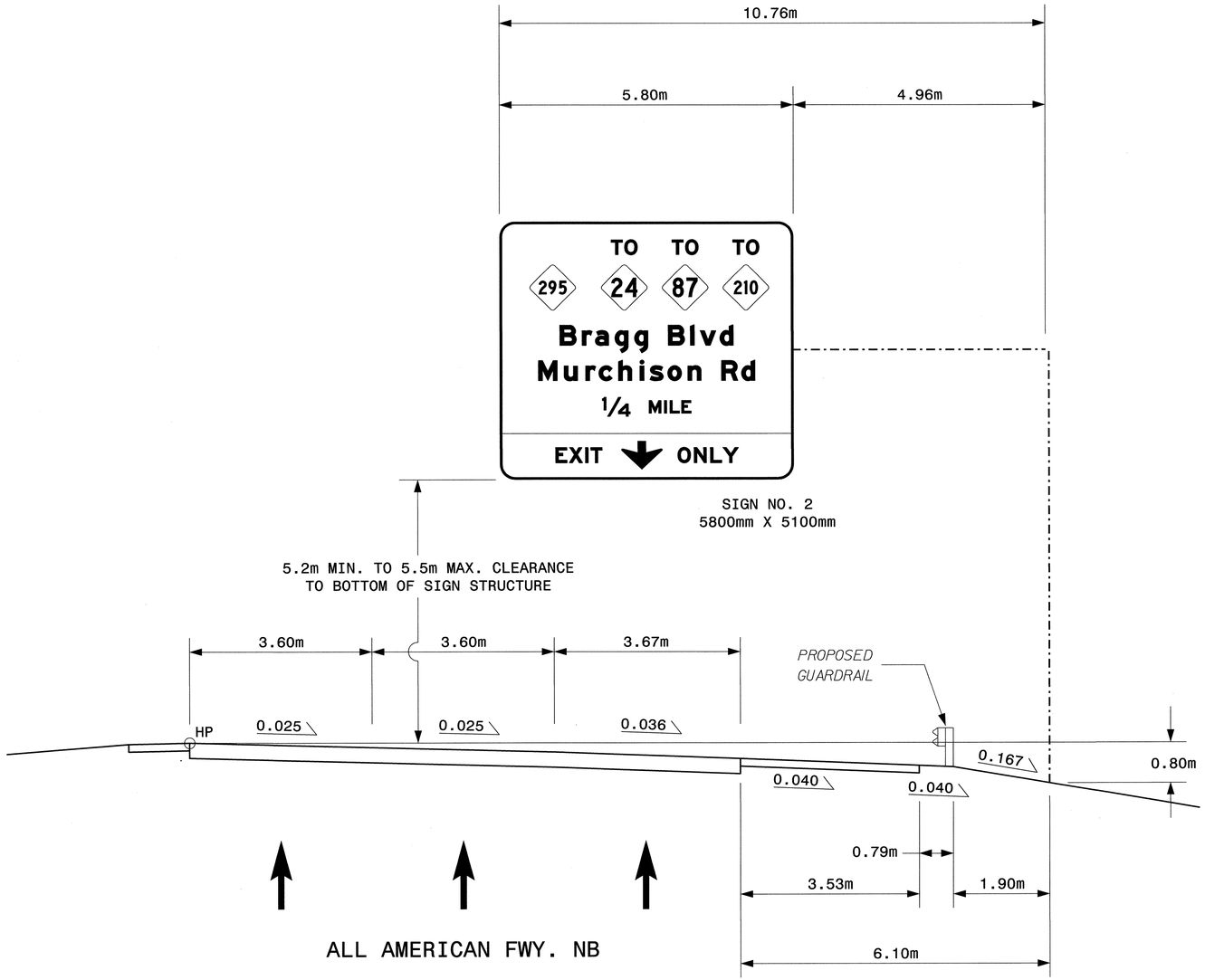
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2I	

APPROVED: Ayman Alquduah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 32+00 -Y1-
ALL AMERICAN FWY.

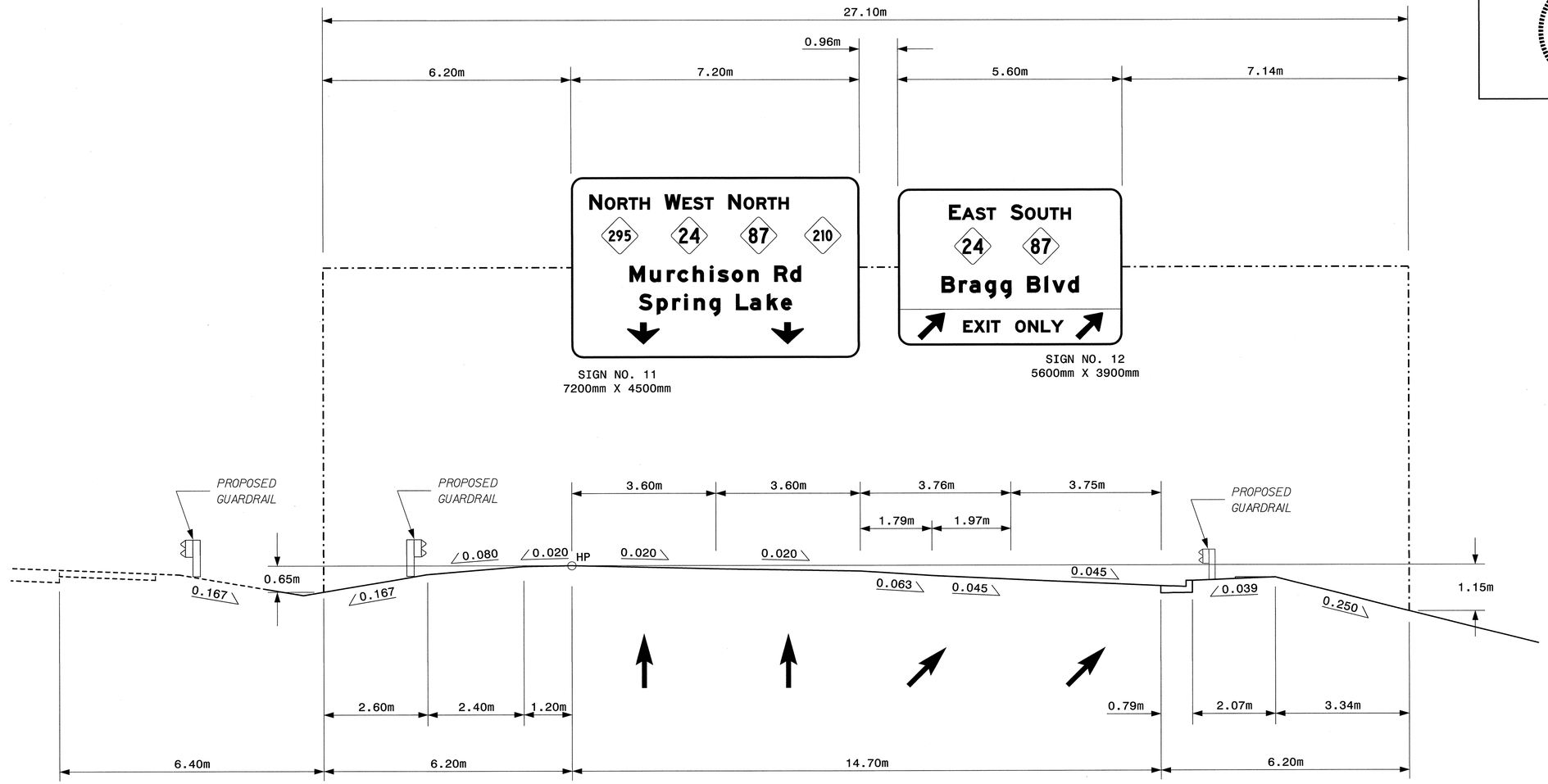
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2J	

APPROVED: Ayman Aloudwan

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALOUDWAN



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 42+15 -RP1BD-

METRIC

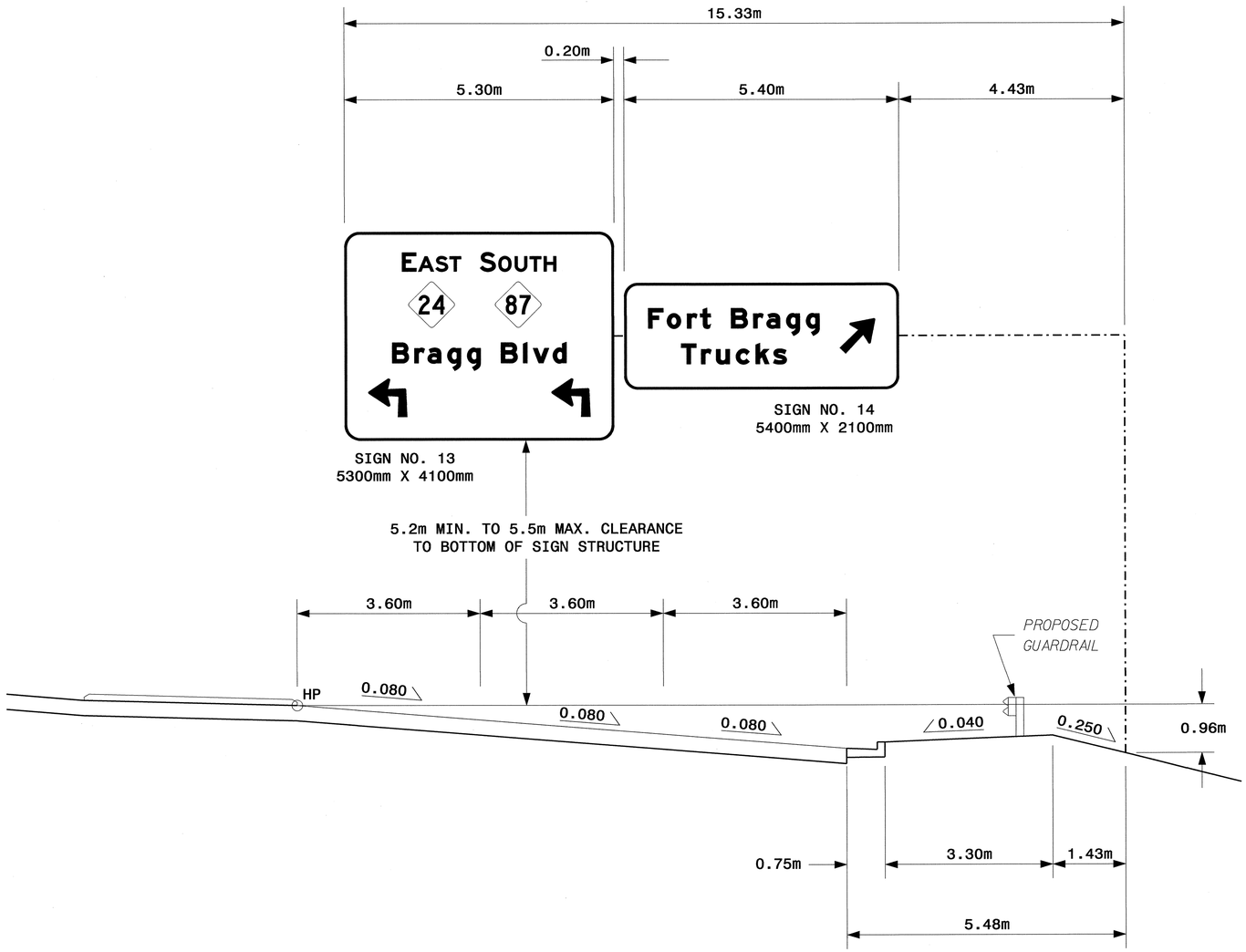
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2K	

APPROVED: Ayman Aloudwan

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 12+04 -LP2D-

METRIC

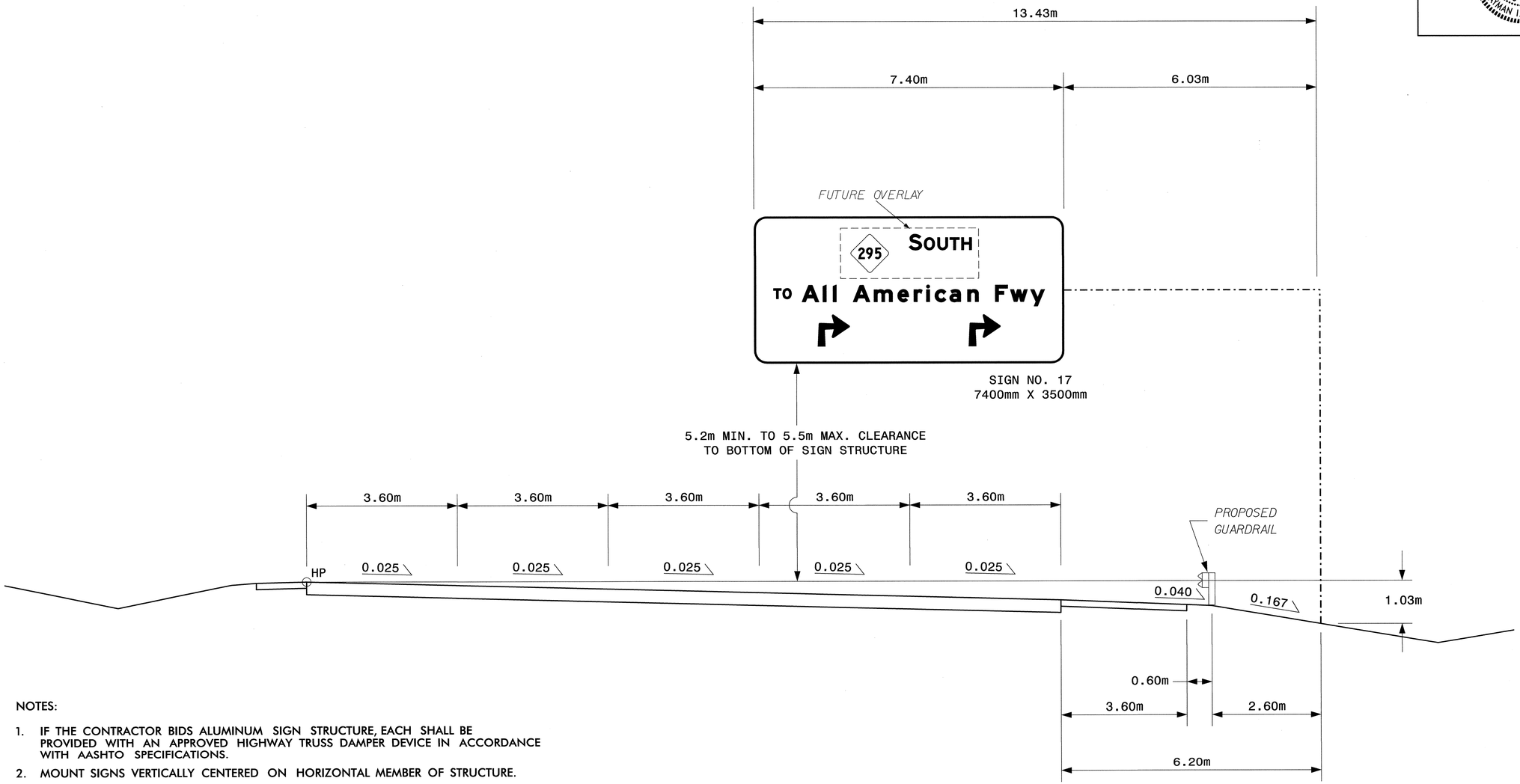
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2L	

APPROVED: Ayman Alquidwah

DATE: 3 - 18 - 14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 13+40 -Y2-
BRAGG BLVD.

METRIC

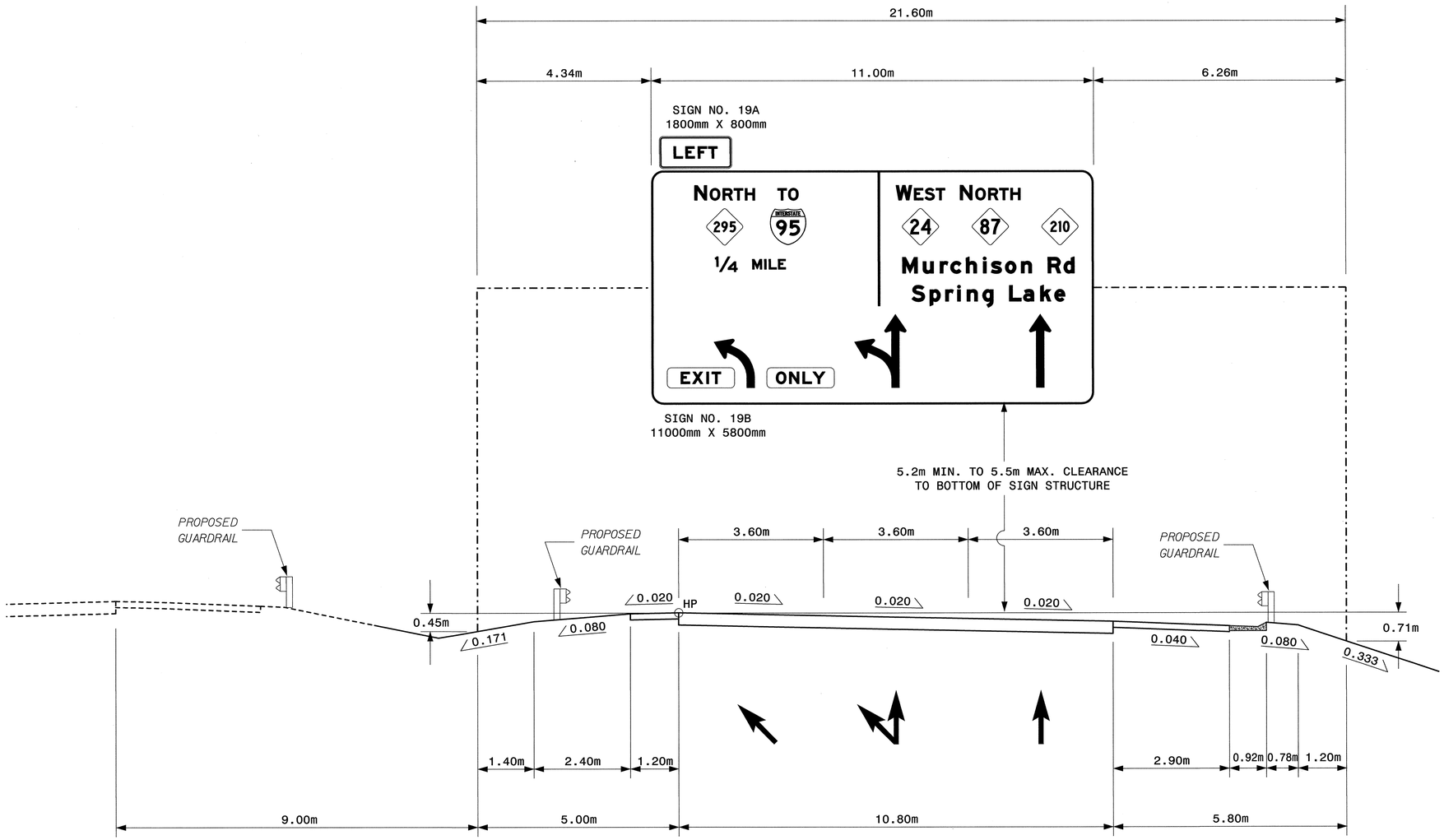
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2M	

APPROVED: Ayman Alquidwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUIDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 46+50 -CDR-

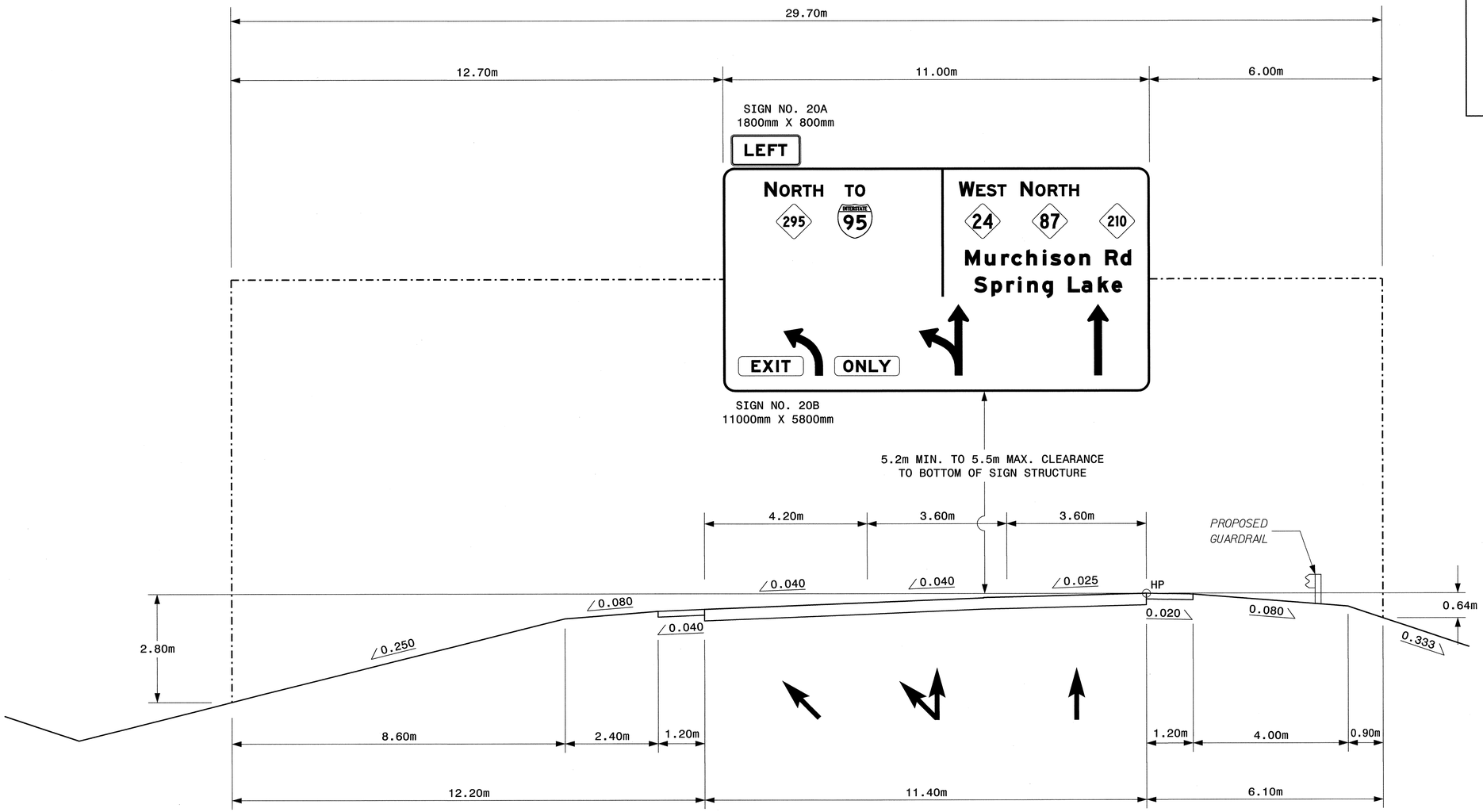
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2N	

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 51+15 -CDR-

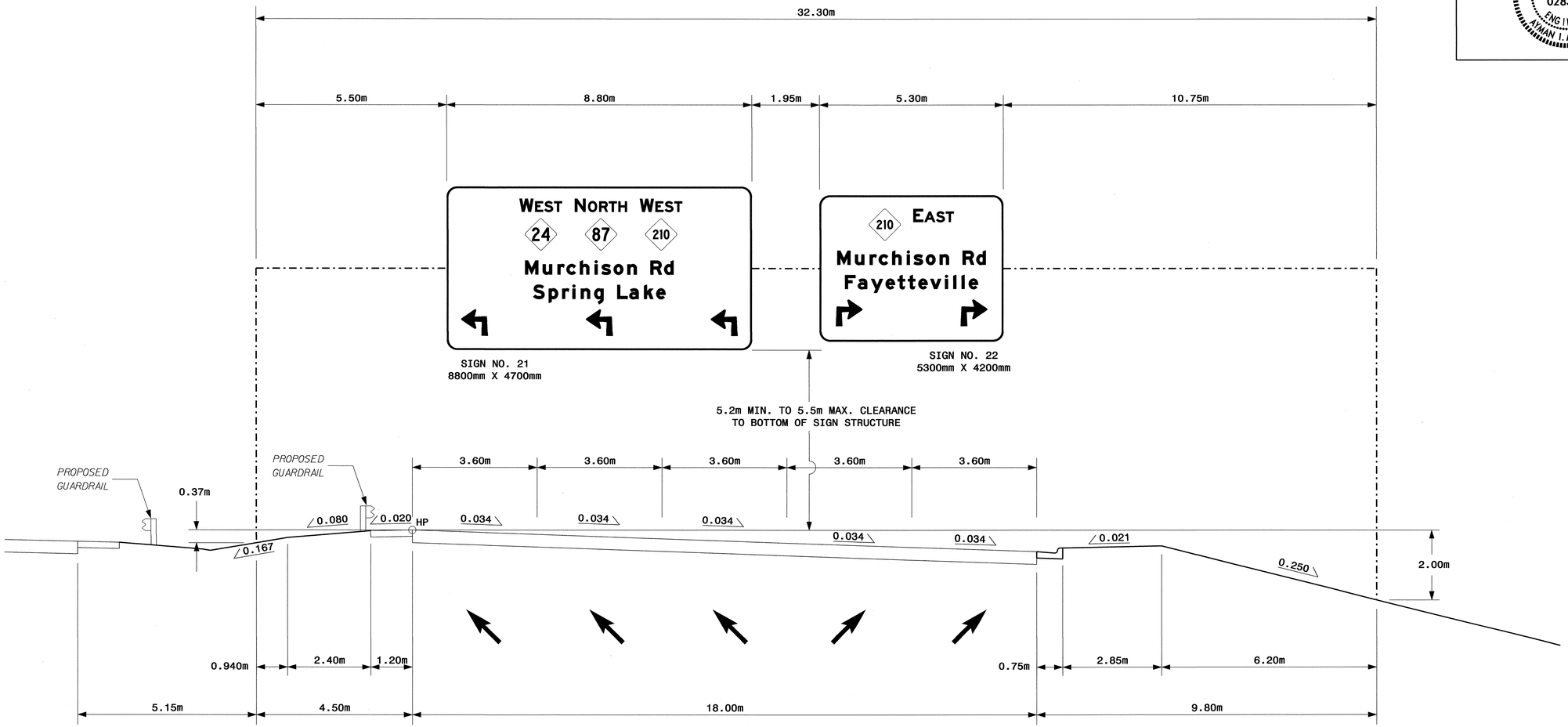
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-20	

APPROVED: [signature]

DATE: 10-29-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AIMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 12+40 -LPB-

METRIC

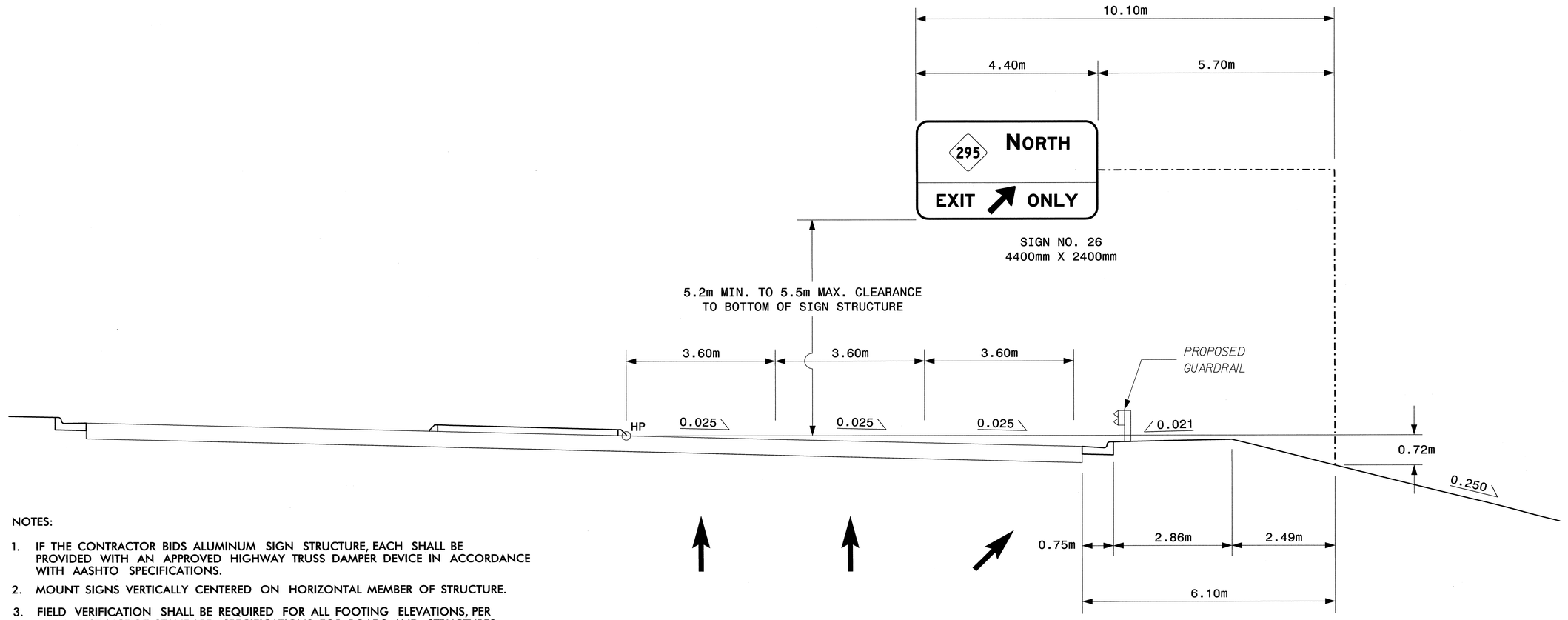
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2P	

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 30+95 -Y1-

METRIC

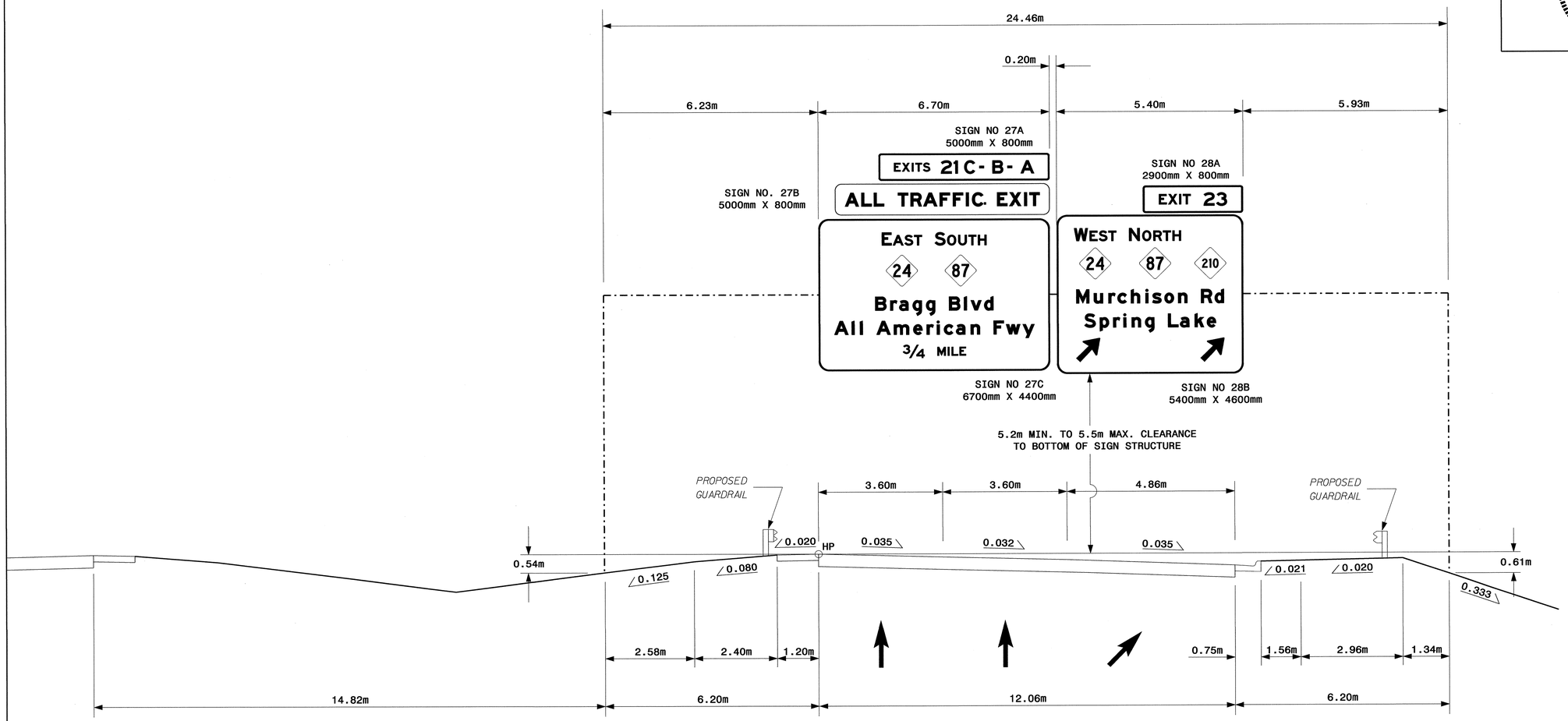
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2Q	

APPROVED: [signature]

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AIMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 64+60 -L-

METRIC

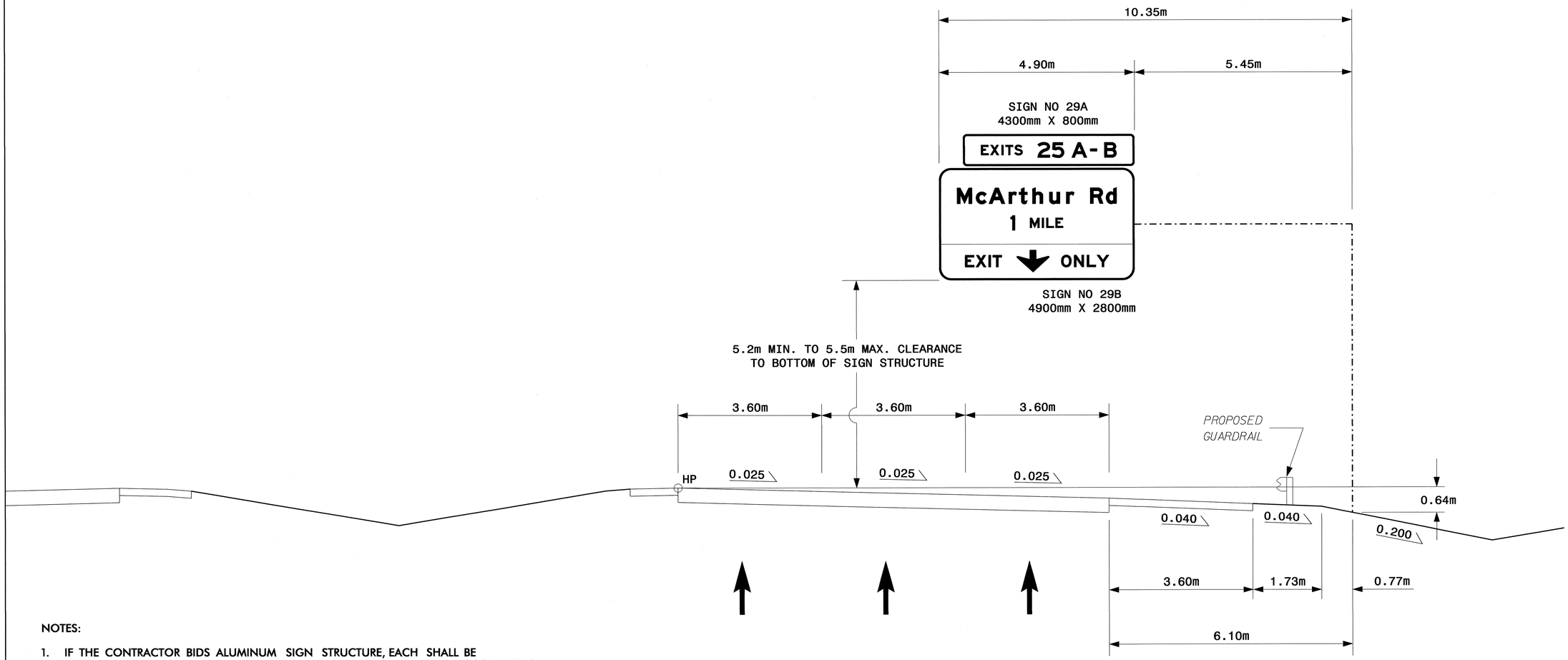
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2R	

APPROVED: _____

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 81+10 -L-

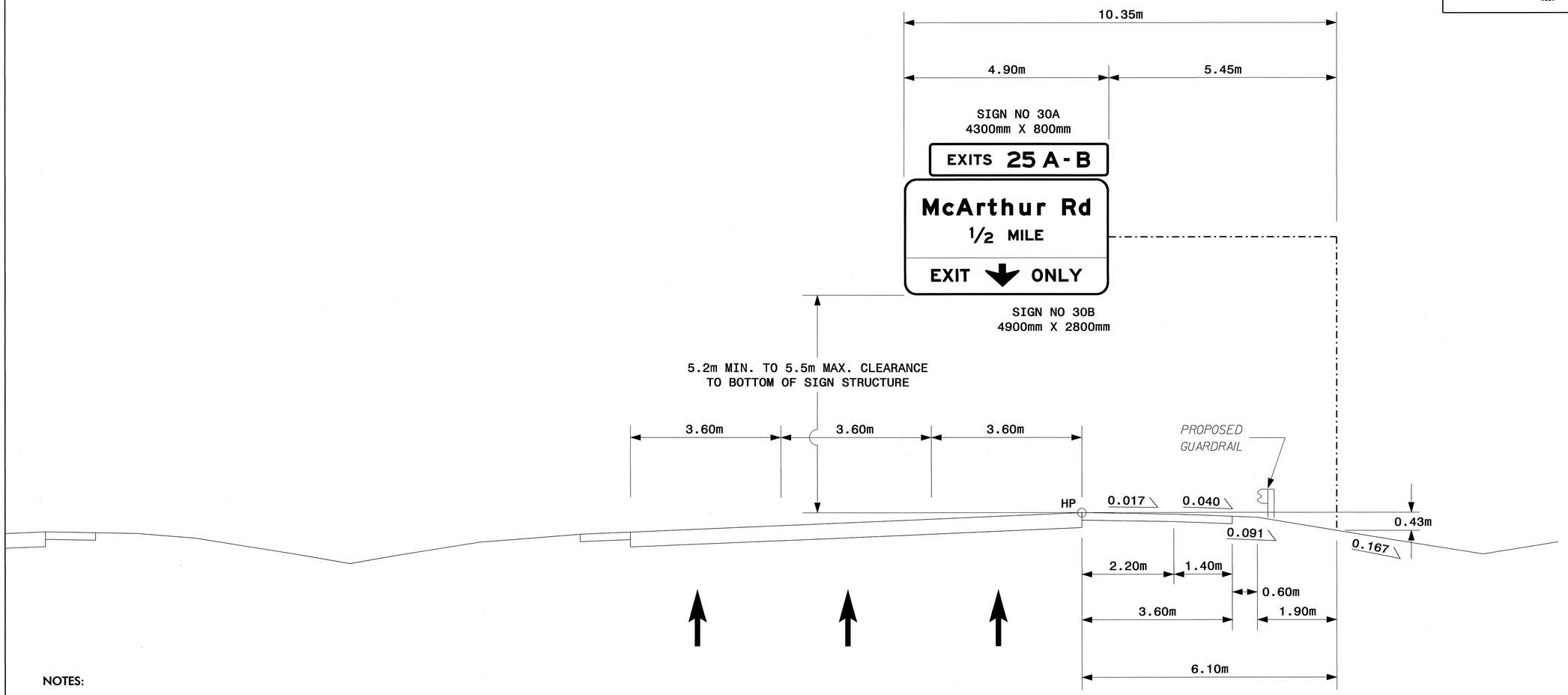
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2S	

APPROVED: [signature]

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 89+20 -L-

METRIC

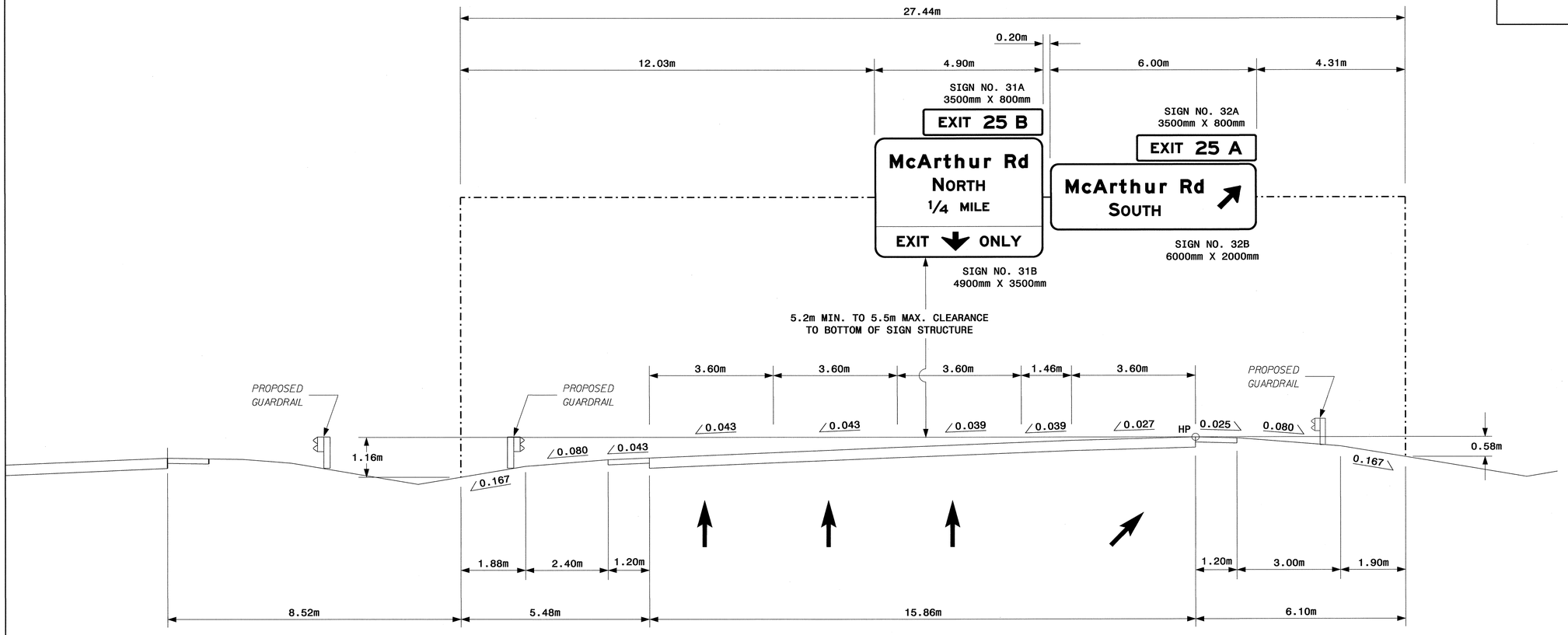
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2T	

APPROVED: _____

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 97+40 -L-

METRIC

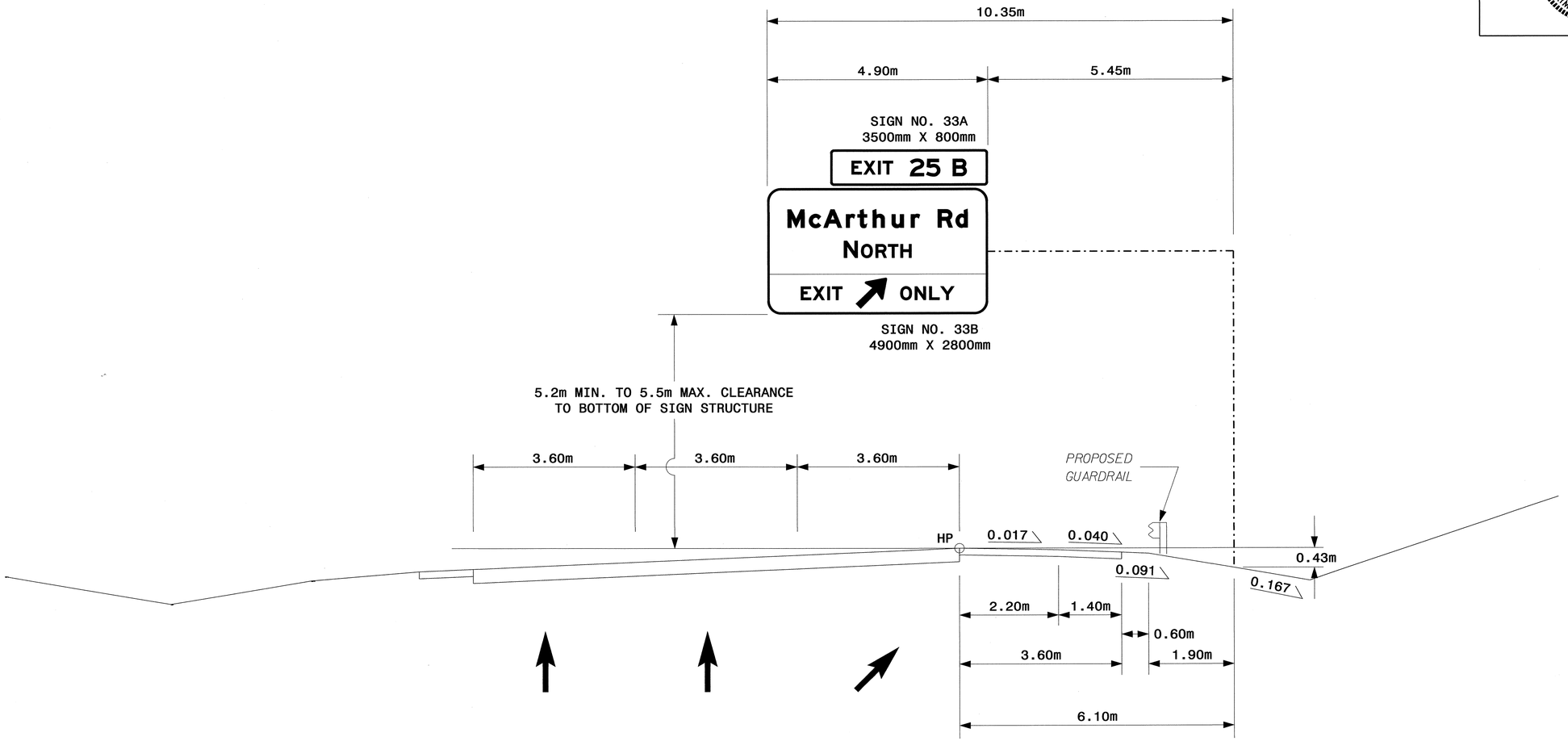
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2U	

APPROVED: _____

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWA



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 101+80 -L-

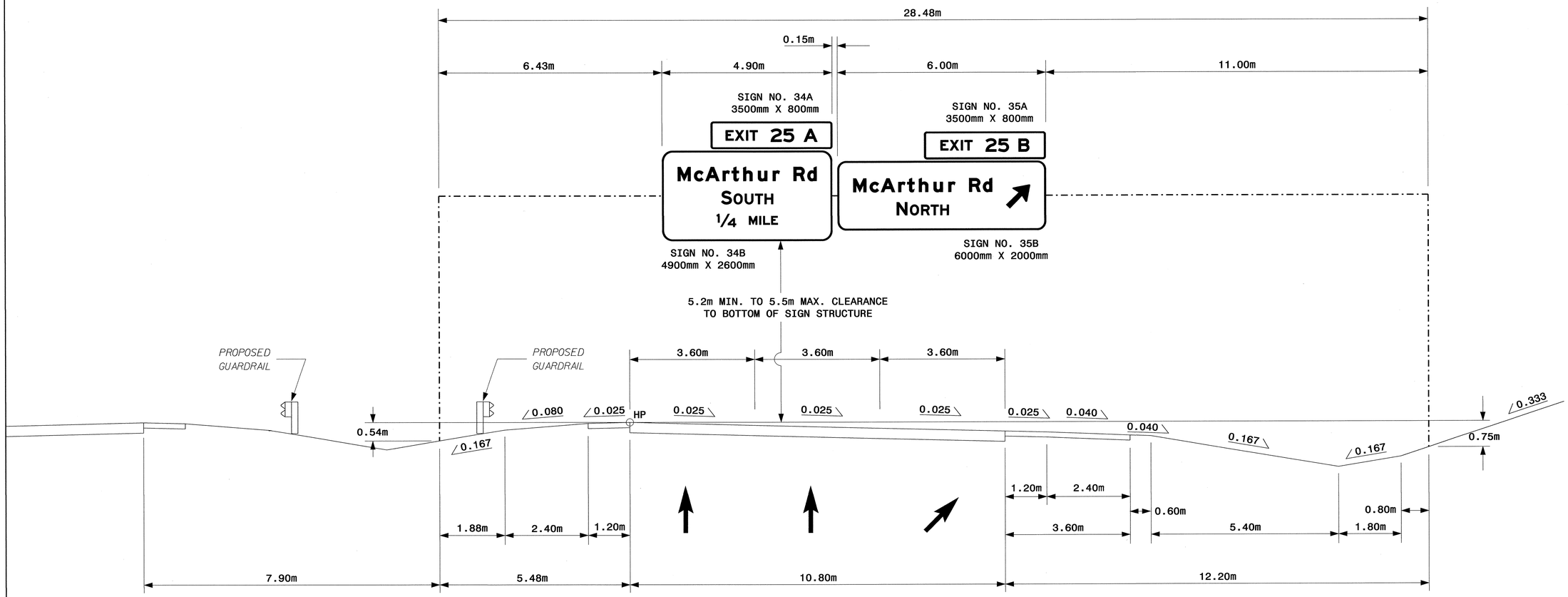
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2V	

APPROVED: Ayman Alquidwah

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUIDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 107+60 -L-

METRIC

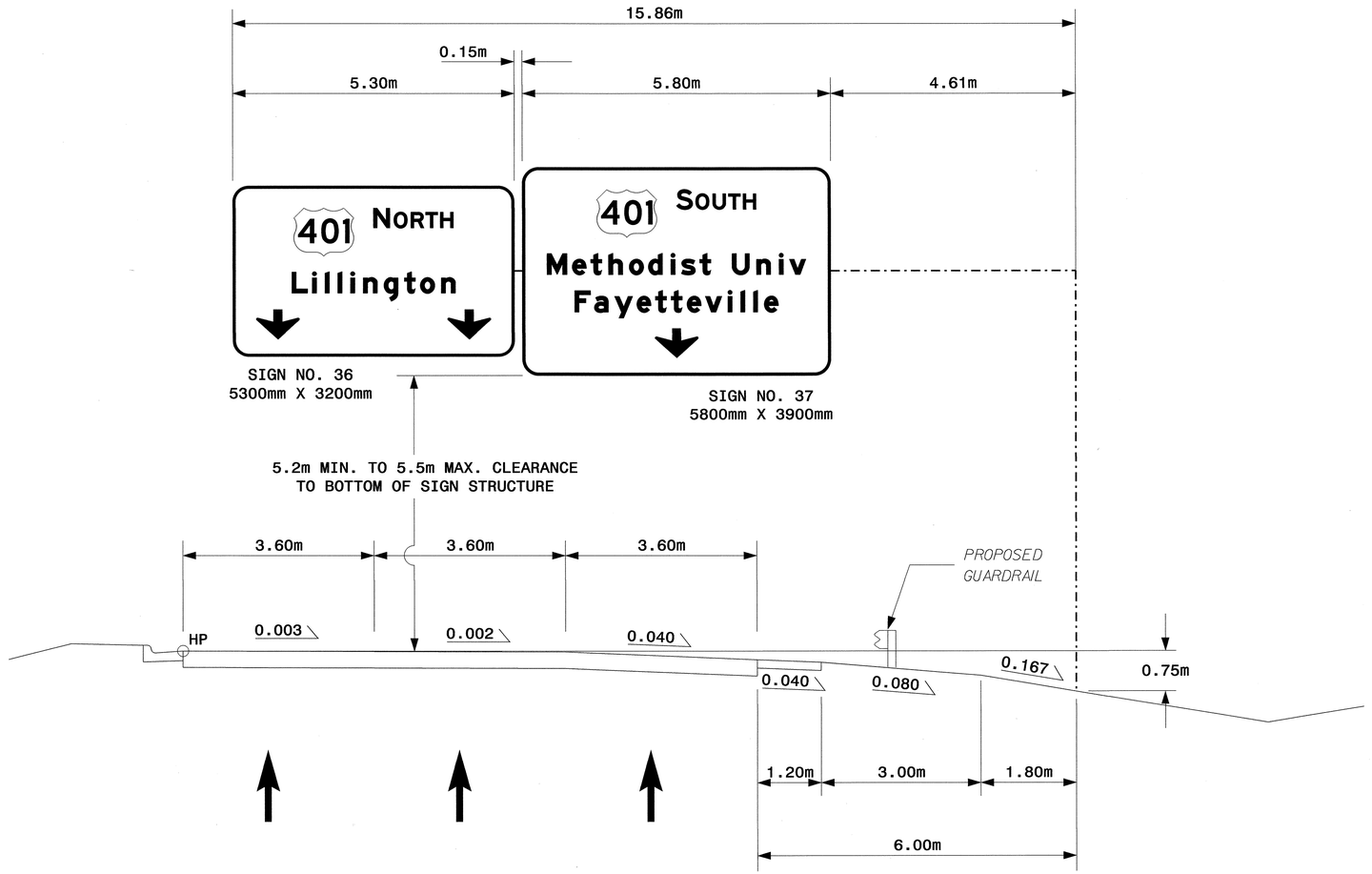
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2W	

APPROVED: Ayman Aloudwan

DATE: 10-29-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALOUDWAN



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 7+00 -Y12-RPC

METRIC

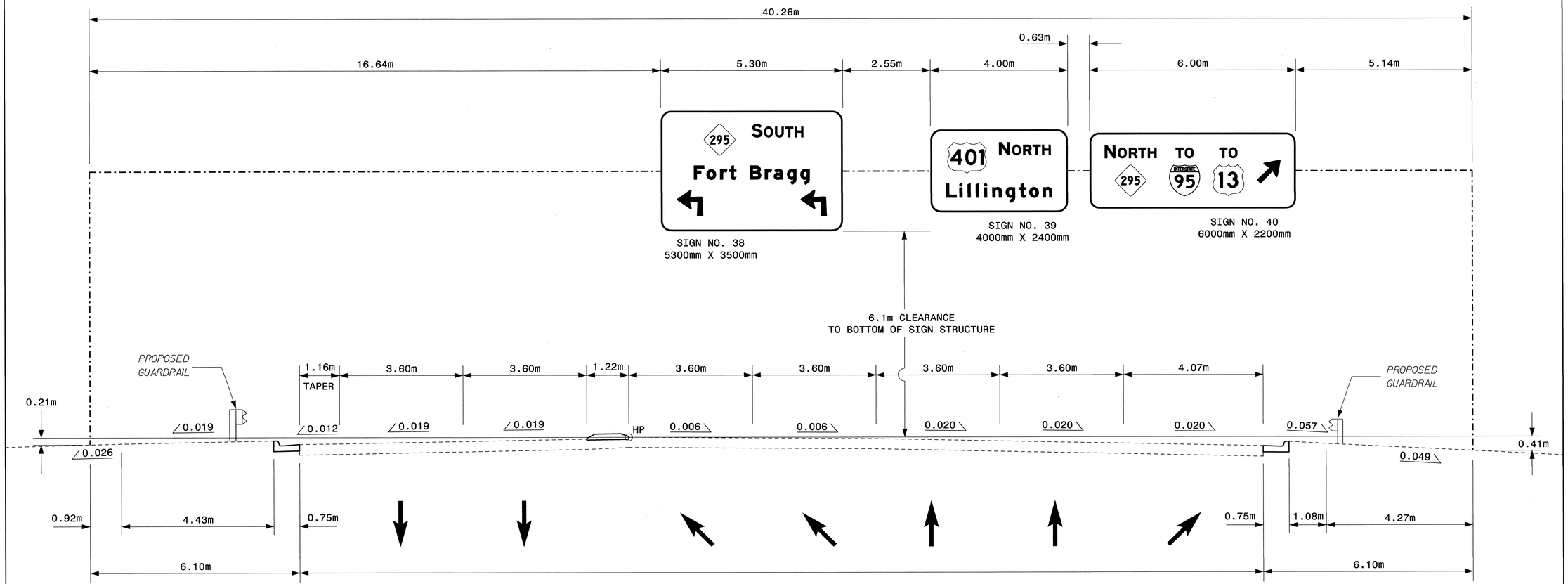
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2X	

APPROVED: Hyman Alquidwah

DATE: 3 - 18 - 14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER HYMAN I. ALQUIDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 14+84 -Y12-

METRIC

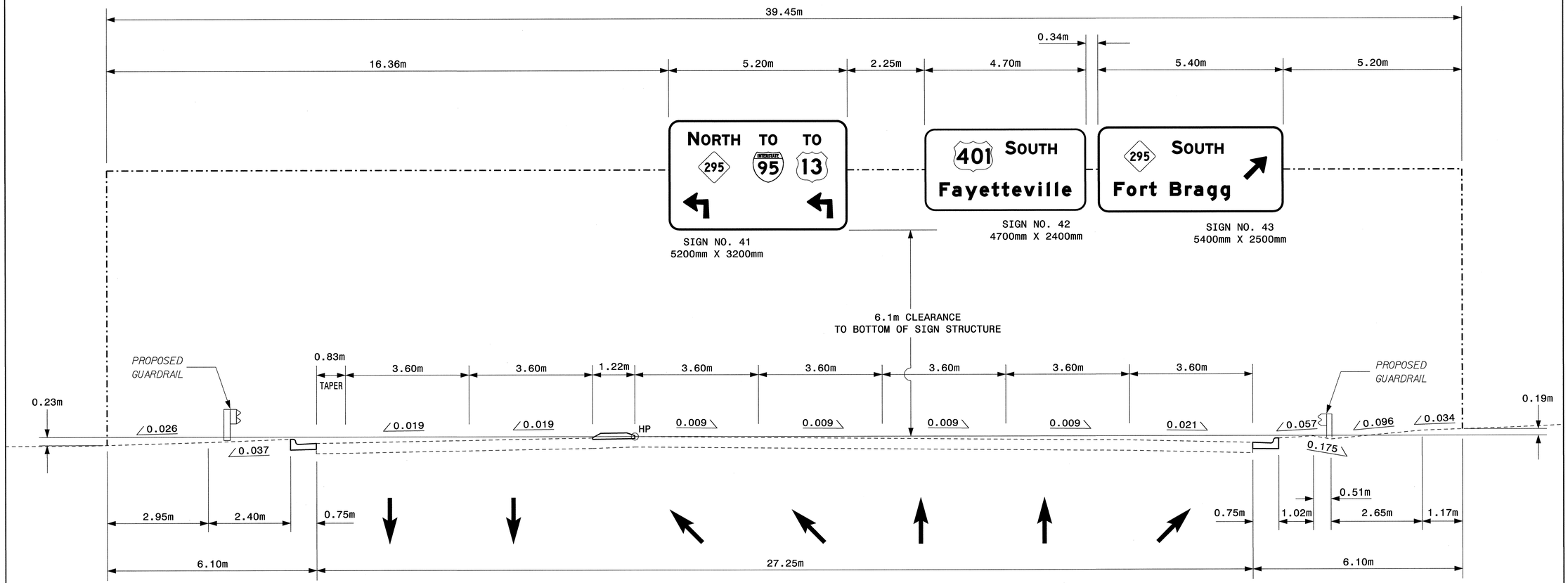
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2Y	

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, PER THE LATEST NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES. PROVIDE FIELD VERIFICATION TO THE SIGNING SECTION.
4. THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 0.1 METER AND NOT MORE THAN 0.6 METER ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
5. SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
6. DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 161 K.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 16+50 -Y12-

TIP NO.	SHEET NO.
X-0002CC	SIGN-2Z

APPROVED: [signature]

DATE: 3-18-14

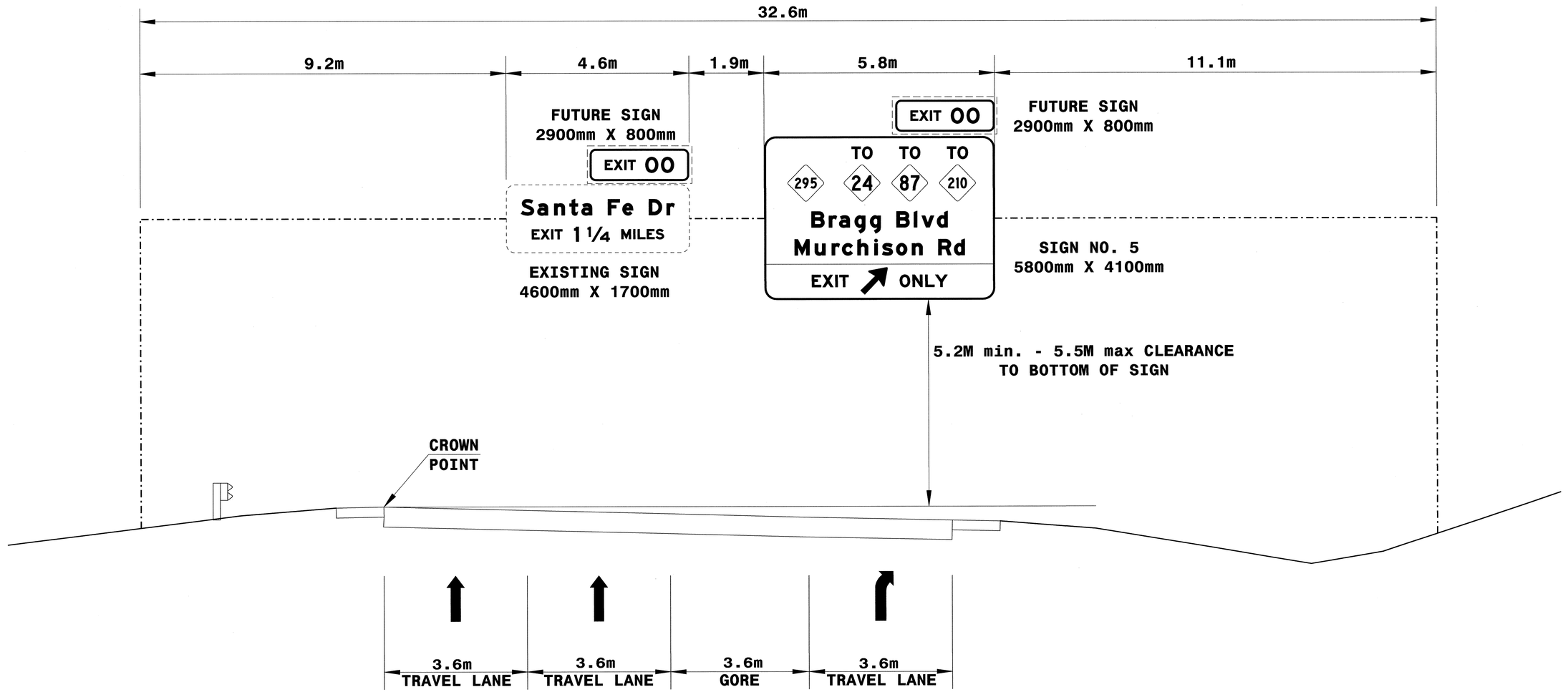
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NOTES:

A. ATTACH NEW OVERHEAD SIGNS TO EXISTING OVERHEAD SIGN ASSEMBLY.

B. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.



EXISTING OVERHEAD SIGN ASS'Y.
STA. 11+00 - Y1 -
ALL AMERICAN FREEWAY

13-MAR-2014 07:54
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Overheads\x0002cc_sgn_ovrhds.dgn
meaton AT TE2/4922

TIP NO.	SHEET NO.
X-0002CC	SIGN-2AA

APPROVED: [signature]

DATE: 3-18-14

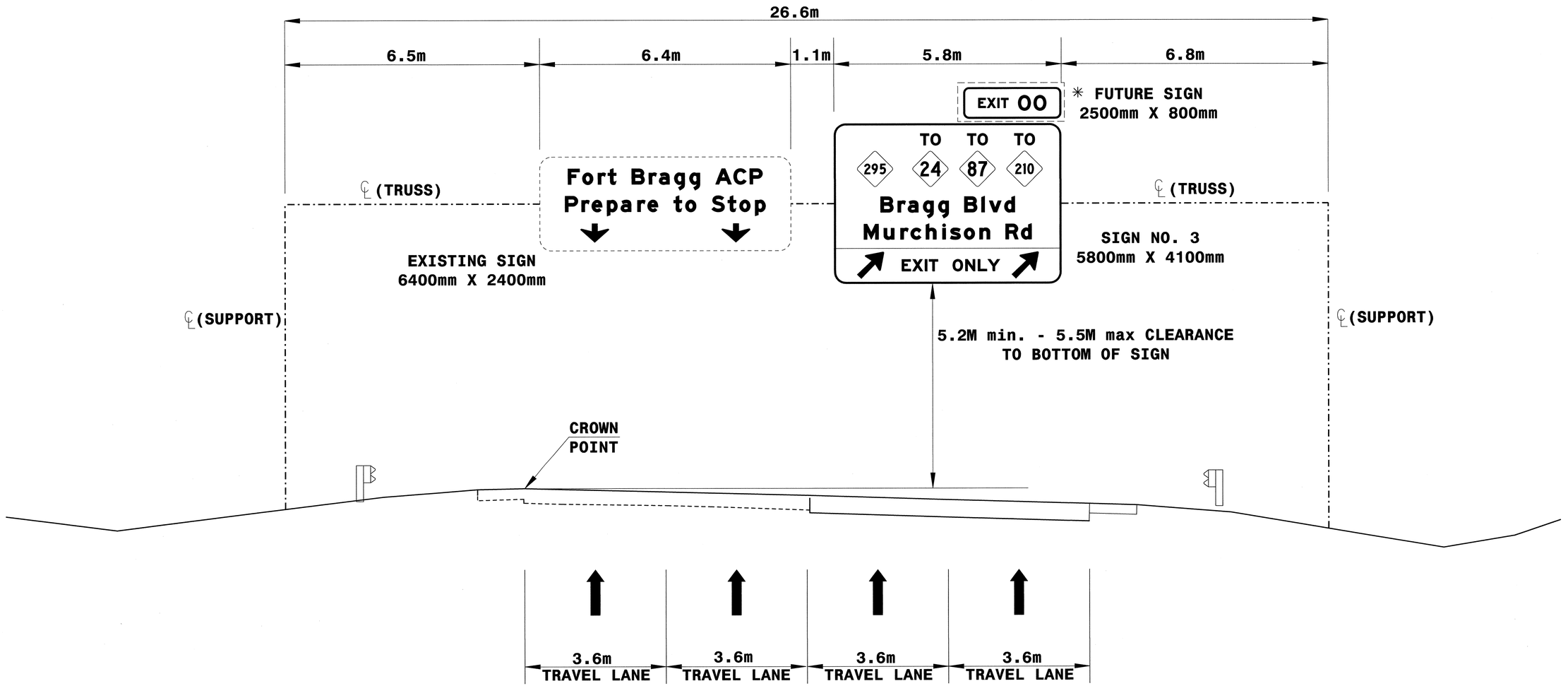
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NOTES:

A. ATTACH NEW OVERHEAD SIGNS TO EXISTING OVERHEAD SIGN ASSEMBLY.

B. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.



EXISTING OVERHEAD SIGN ASS'Y "K"
STA. 27+20 - Y1 -
ALL AMERICAN FREEWAY

13-MAR-2014 07:59
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Overheads\x0002cc_sgn_ovrhds.dgn
meaton AT E274922

NOTES:

A. ATTACH NEW OVERHEAD SIGNS TO EXISTING OVERHEAD SIGN ASSEMBLY.

B. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.

C. RELOCATE EXISTING SIGN, TYPE A (OVERHEAD)

METRIC

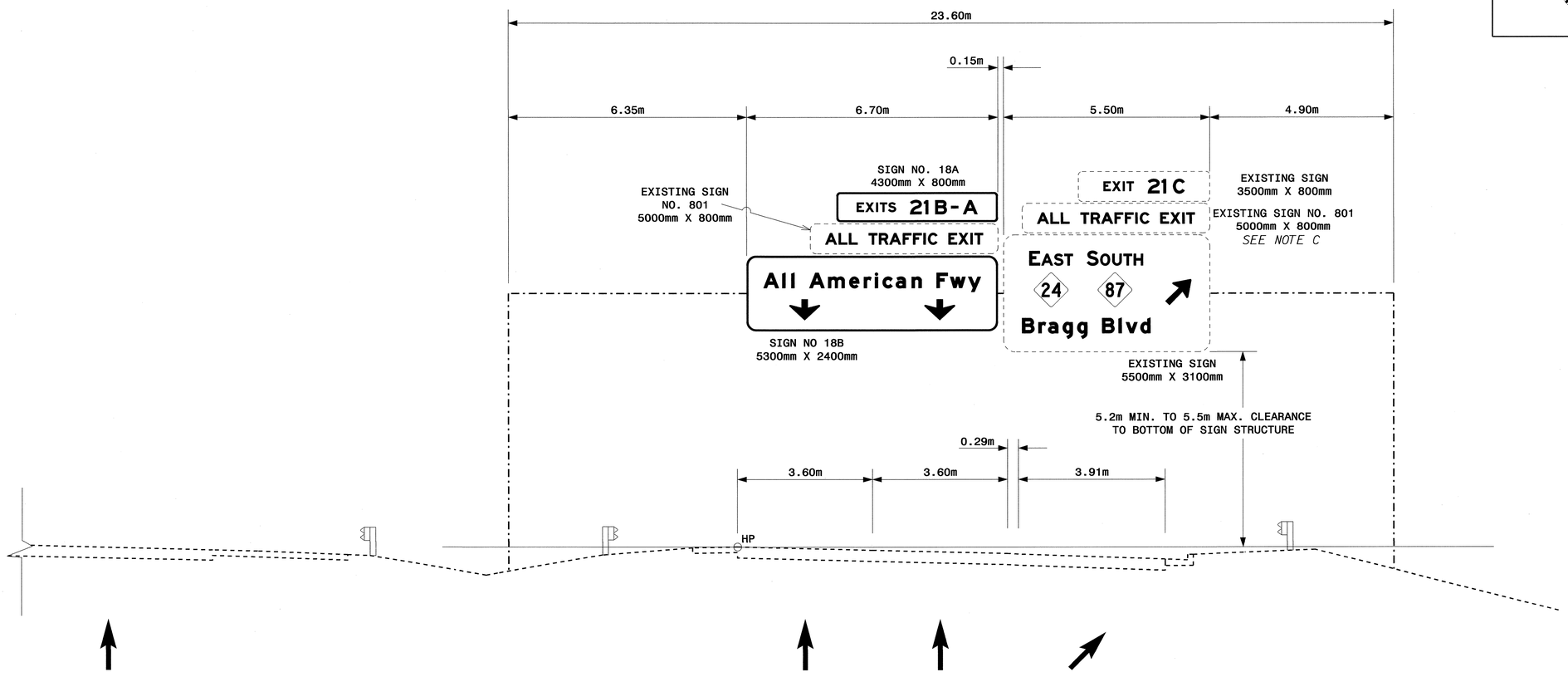
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2BB	

APPROVED: _____

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AIMAN I. ALQUDWAH



EXISTING OVERHEAD SIGN ASSEMBLY
AT STA. 41+02 -COL2-
FAYETTEVILLE OUTER LOOP

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2CC	

APPROVED: [signature]

DATE: 3-18-14

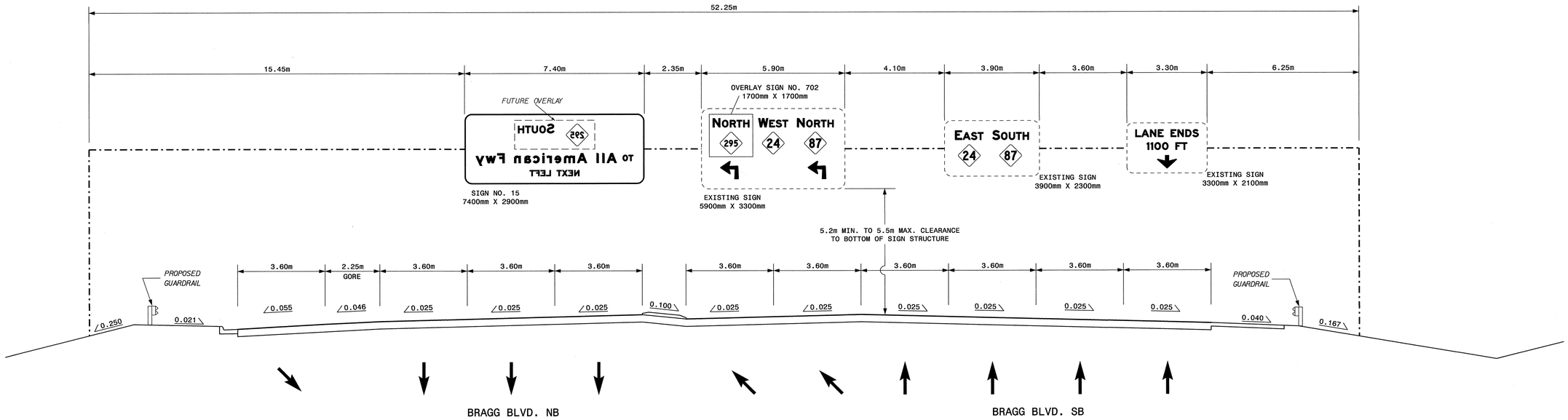
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NOTES:

A. ATTACH NEW OVERHEAD SIGNS TO EXISTING OVERHEAD SIGN ASSEMBLY.

B. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.



OVERHEAD SIGN ASSEMBLY
AT STA. 18+00 -Y2-

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2DD	

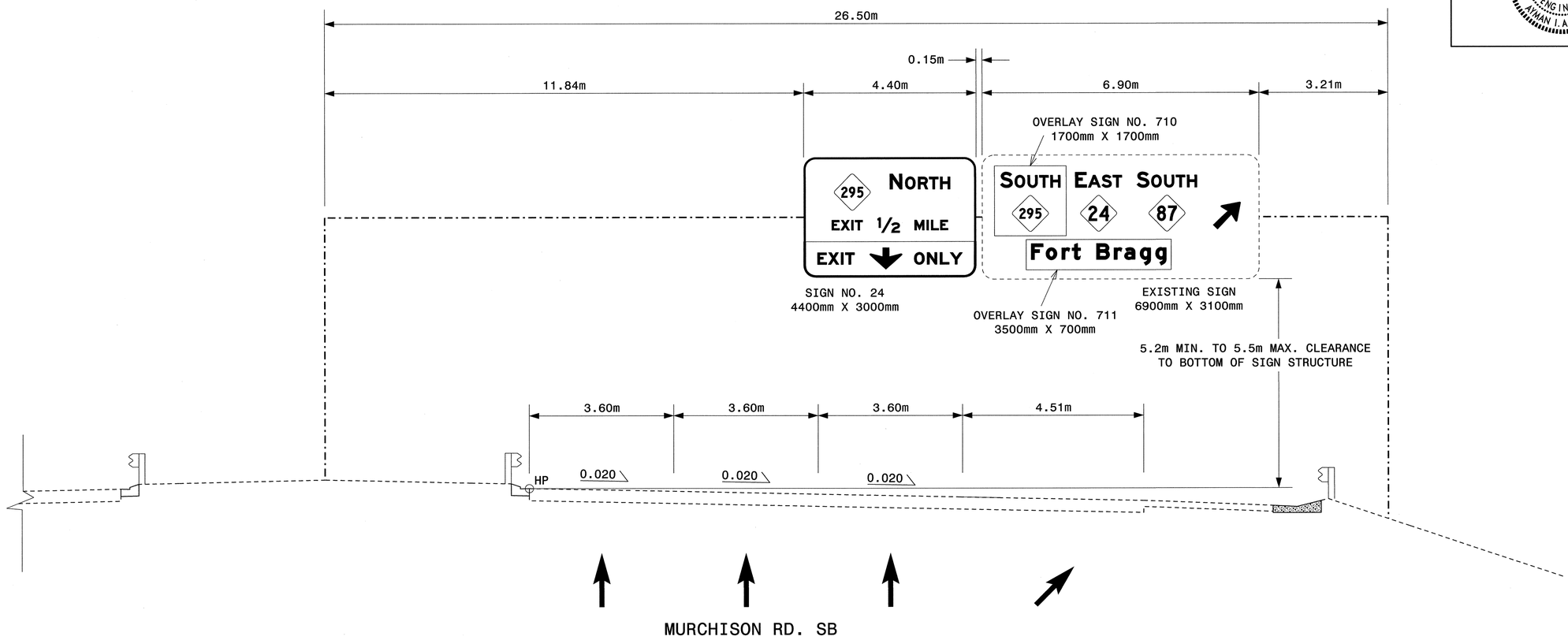
METRIC

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

A. ATTACH NEW OVERHEAD SIGNS TO EXISTING OVERHEAD SIGN ASSEMBLY.

B. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.

EXISTING OVERHEAD SIGN ASSEMBLY
AT STA. 23+50 -Y1-
MURCHISON RD.

METRIC

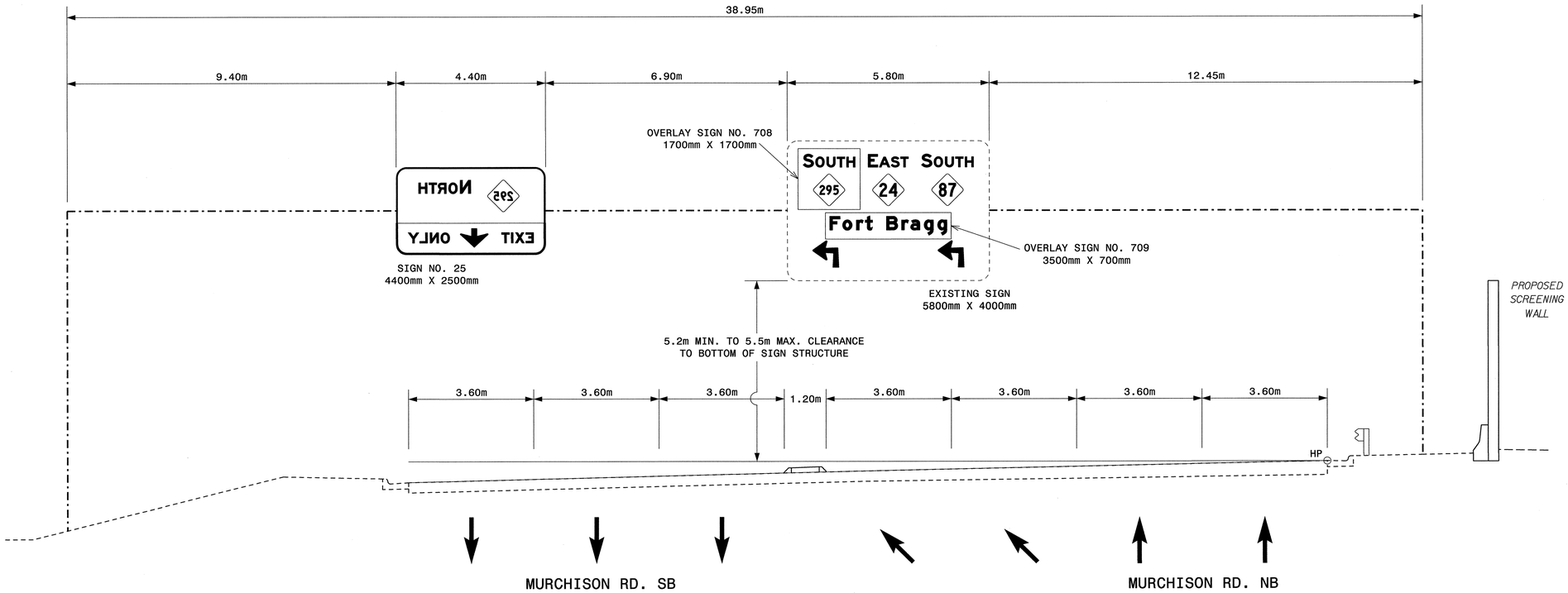
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2EE	

APPROVED: Ayman Alquidwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES:

A. ATTACH NEW OVERHEAD SIGNS TO EXISTING OVERHEAD SIGN ASSEMBLY.

B. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.

EXISTING OVERHEAD SIGN ASSEMBLY
AT STA. 28+60 -Y1-
MURCHISON RD.

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-2FF	

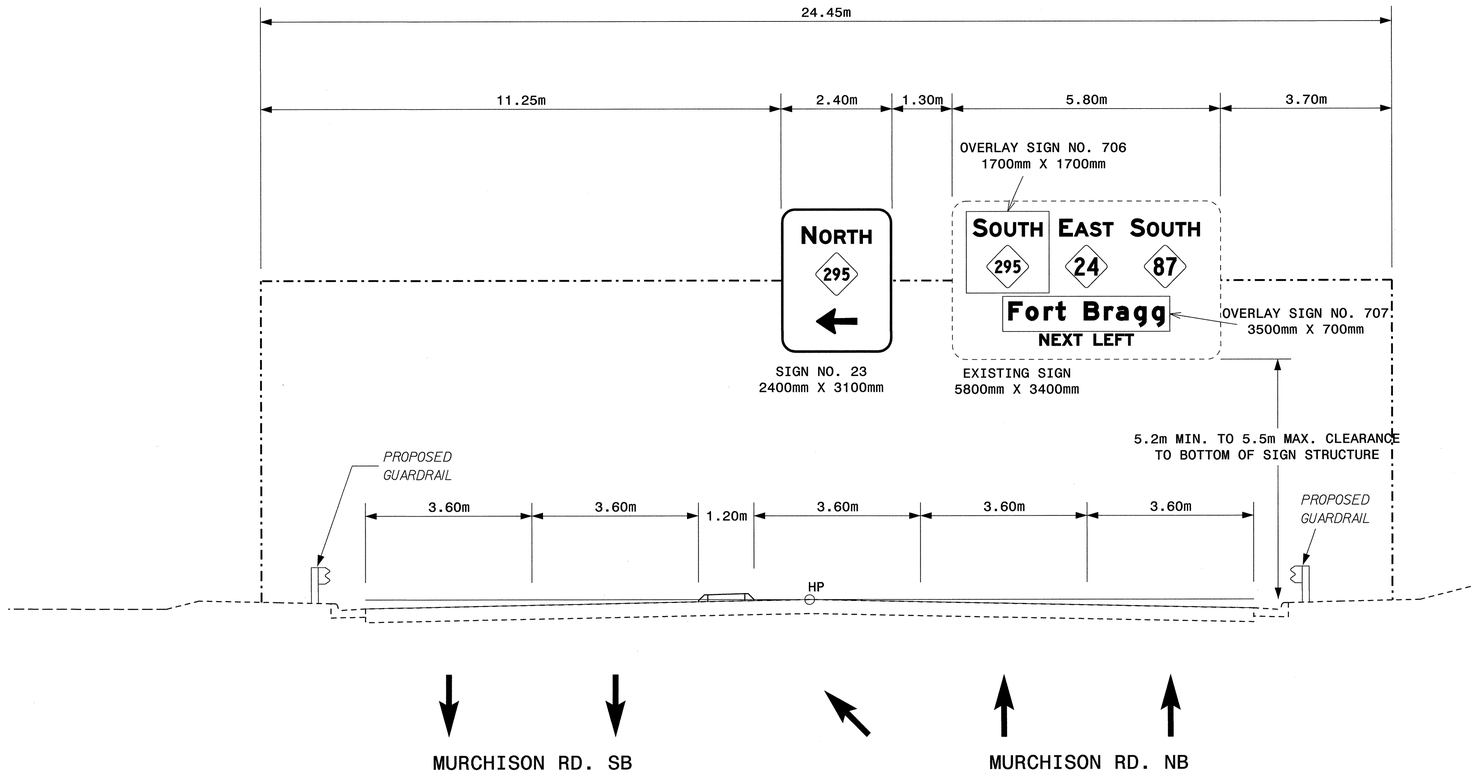
METRIC

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 022959 ENGINEER RONALD W. KING



NOTES:

A. ATTACH NEW OVERHEAD SIGNS TO EXISTING OVERHEAD SIGN ASSEMBLY.

B. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.

EXISTING OVERHEAD SIGN ASSEMBLY
AT STA. 32+00 -Y1-
MURCHISON RD.

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	X-0002CC	SIGN-3GG	

APPROVED: Ayman I. Alquidwini

DATE: 3-18-14

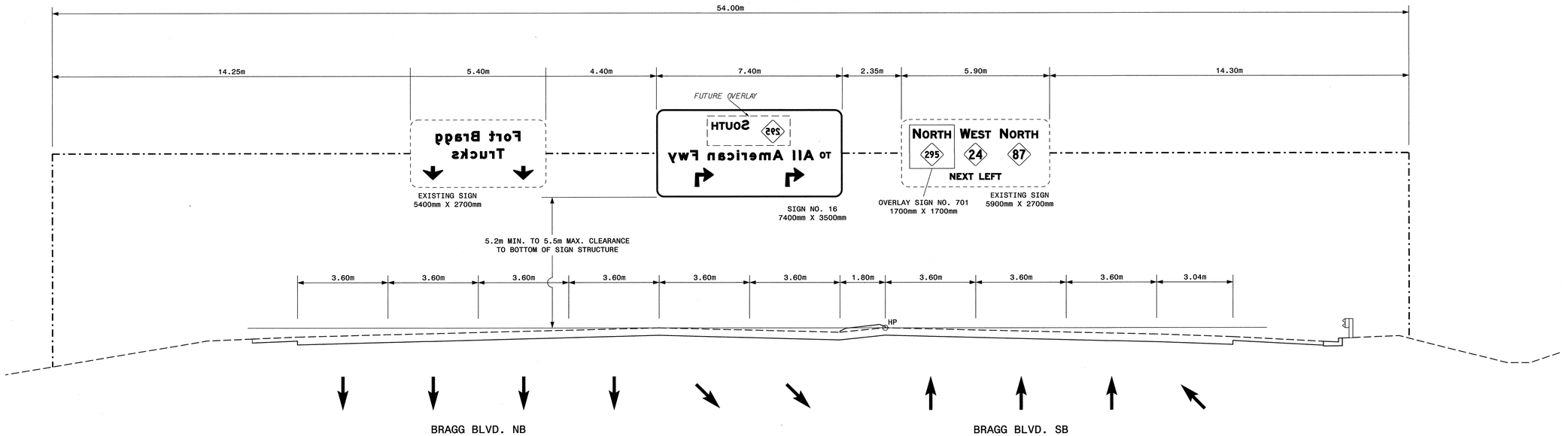
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUIDWINI

NOTES:

A. ATTACH NEW OVERHEAD SIGNS TO EXISTING OVERHEAD SIGN ASSEMBLY.

B. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.



EXISTING OVERHEAD SIGN ASSEMBLY
AT STA. 15+90 -Y2-

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 1C
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 28, 2013

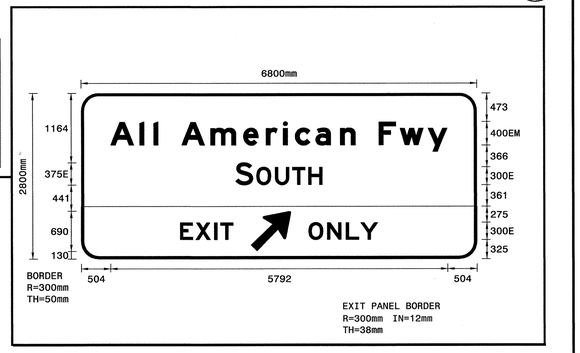
N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 6800mm
HEIGHT: 2800mm
TOTAL AREA: 19.0 Sq.m
EXIT PANEL AREA: 6.12 Sq.m
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 6596.8 mm

SYMBOL	X	Y	WID	HT
ARMED	2915	130	550	890



USE NOTES: 1,3,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 6800 mm X 900 mm.

Letter spacings are to start of next letter

																												Series/Size Text Length
		A	l	l		A	m	e	r	i	c	a	n		F	w	y												EM 2000
	504	500	240	80	400	500	564	388	296	204	352	424	264	400	360	480	340	504											5792
		S		O	U	T	H																						E 2000
	2653	304	56	321	294	276	243	2653																					1494
		E	X	I	T																								E 2000
	1697	267	321	105	225	4185																							918
		O	N	L	Y																								E 2000
	3906	321	321	249	306	1697																							1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 2
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 28, 2013

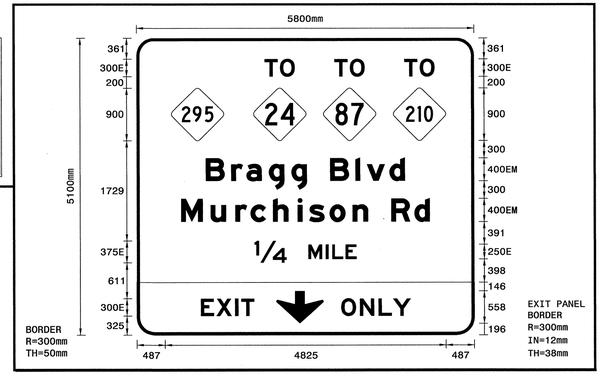
N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5800mm
HEIGHT: 5100mm
TOTAL AREA: 29.6 Sq.m
EXIT PANEL AREA: 5.22 Sq.m
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 6
LENGTH: 5596.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	600	3339	900	900
M1-5-2-36-15C	2013	3339	900	900
M1-5-2-36-15C	3213	3339	900	900
M1-5-3-36-12C	4413	3339	900	900
ARDOWN	2396	196	813	558



USE NOTES: 1,3,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 5800 mm X 900 mm.

Letter spacings are to start of next letter

																												Series/Size Text Length
		T	O																									E 2000
	2203	267	252	3078																								519
		T	O																									E 2000
	3403	267	252	1878																								519
		T	O																									E 2000
	4603	267	252	678																								519
		B	r	a	g	g		B	l	v	d																	EM 2000
	1190	436	260	388	388	264	400	436	196	388	264	1190																3420
		M	u	r	c	h	i	s	o	n		R	d															EM 2000
	764	508	424	260	388	424	196	352	396	264	400	396	264	764														4272
		1/4		M	I	L	E																					E 2000
	2024	549	375	300	110	230	188	2024																				1752
		E	X	I	T																							E 2000
	1101	267	321	105	225	3781																						918
		O	N	L	Y																							E 2000
	3511	321	321	249	306	1092																						1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 3
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 28, 2013

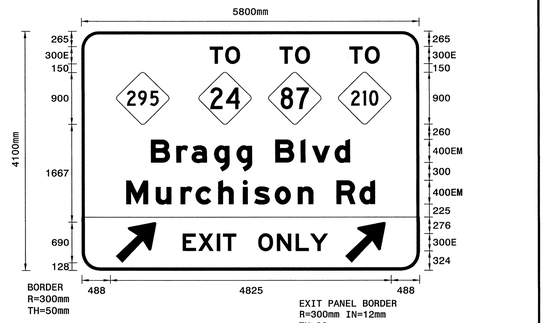
N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5800mm
HEIGHT: 4100mm
TOTAL AREA: 23.8 Sq.m
EXIT PANEL AREA: 5.22 Sq.m
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 5596.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	600	2485	900	900
M1-5-2-36-15C	2013	2485	900	900
M1-5-2-36-15C	3213	2485	900	900
M1-5-3-36-12C	4413	2485	900	900
ARMED	585	128	550	890
ARMED	4527	128	550	890



USE NOTES: 1,3,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 5800 mm X 900 mm.

Letter spacings are to start of next letter

																												Series/Size Text Length
		T	O																									E 2000
	2203	267	252	3078																								519
		T	O																									E 2000
	3403	267	252	1878																								519
		T	O																									E 2000
	4603	267	252	678																								519
		B	r	a	g	g		B	l	v	d																	EM 2000
	1190	436	260	388	388	264	400	436	196	388	264	1190																3420
		M	u	r	c	h	i	s	o	n		R	d															EM 2000
	764	508	424	260	388	424	196	352	396	264	400	396	264	764														4272
		E	X	I	T																							E 2000
	1732	267	321	105	225	3150																						918
		O	N	L	Y																							E 2000
	3030	321	321	249	306	1573																						1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 13:21
C:\Users\aalqudwah\Desktop\BU Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
mstopo
Active Project

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3A

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 4
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

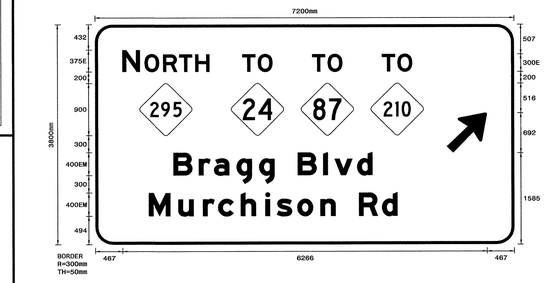
SIGN WIDTH: 7200mm
HEIGHT: 3800mm
TOTAL AREA: 27.4 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 6996.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	766	1894	900	900
M1-5-2-36-15C	2341	1894	900	900
M1-5-2-36-15C	3541	1894	900	900
M1-5-3-36-15C	4741	1894	900	900
ARMED	6041	1585	565	890



USE NOTES: 1,3,5,6
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																											Series/Size Text Length
		N		O	R	T	H																				
	467	304	79	321	276	276	243	5234																			E 2000 1499
		T	O																								
	2531	267	252	4150																							E 2000 519
		T	O																								
	3731	267	252	2950																							E 2000 519
		T	O																								
	4931	267	252	1750																							E 2000 519
		B	r	a	g	g		B	l	v	d																
	1344	436	260	388	388	264	400	436	196	388	264	2436															EM 2000 3420
		M	u	r	c	h	i	s	o	n		R	d														
	918	508	424	260	388	424	196	352	396	264	400	396	264	2010													EM 2000 4272

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 5
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

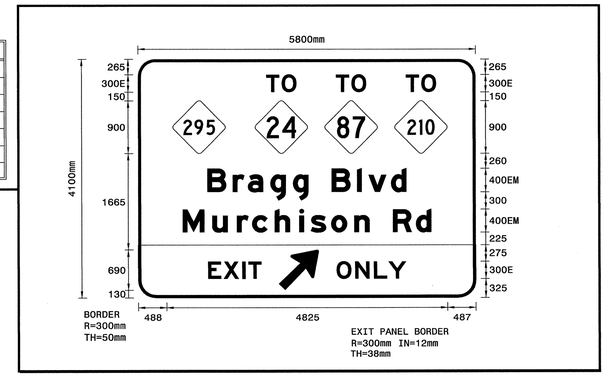
SIGN WIDTH: 5800mm
HEIGHT: 4100mm
TOTAL AREA: 23.8 Sq.m
EXIT PANEL AREA: 5.22 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 5596.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	600	2485	900	900
M1-5-2-36-15C	2013	2485	900	900
M1-5-2-36-15C	3213	2485	900	900
M1-5-3-36-12C	4413	2485	900	900
ARMED	2412	130	550	890



USE NOTES: 1,3,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 5800 mm X 900 mm.

Letter spacings are to start of next letter

																											Series/Size Text Length
		T	O																								
	2203	267	252	3078																							E 2000 519
		T	O																								
	3403	267	252	1878																							E 2000 519
		T	O																								
	4603	267	252	678																							E 2000 519
		B	r	a	g	g		B	l	v	d																
	1190	436	260	388	388	264	400	436	196	388	264	1190															EM 2000 3420
		M	u	r	c	h	i	s	o	n		R	d														
	764	508	424	260	388	424	196	352	396	264	400	396	264	764													EM 2000 4272
		E	X	I	T																						
	1198	267	321	105	225	3684																					E 2000 918
		O	N	L	Y																						
	3405	321	321	249	306	1198																					E 2000 1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 9B
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X*-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

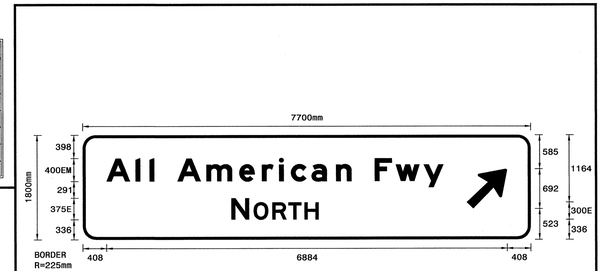
SIGN WIDTH: 7700mm
HEIGHT: 1800mm
TOTAL AREA: 13.9 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 225mm

NO. Z BARS: 2
LENGTH: 7496.8 mm

SYMBOL	X	Y	WID	HT
ARMED	6600	523	565	890



USE NOTES: 1,5,6
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																											Series/Size Text Length
		A	l	l		A	m	e	r	i	c	a	n		F	w	y											
	408	500	240	80	400	500	564	388	296	204	352	424	264	400	360	480	340	1500										EM 2000 5792
		N		O	R	T	H																					
	2555	304	79	321	276	276	243	3647																				E 2000 1499

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

H:\MAR 2014 13:26
N:\Projects\XX\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
mason

SIGN NUMR: 6
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 6100mm
HEIGHT: 4500mm
TOTAL AREA: 27.5 Sq.m

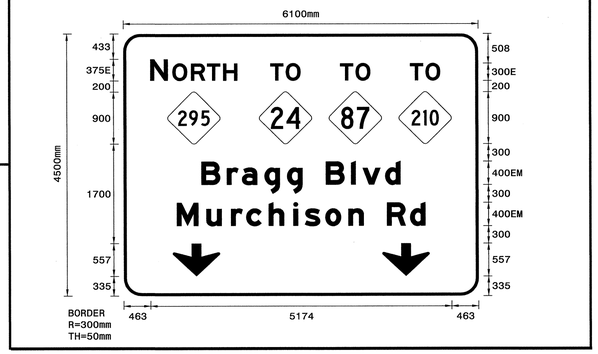
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 6
LENGTH: 5896.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	762	2592	900	900
M1-5-2-36-15C	2337	2592	900	900
M1-5-2-36-15C	3537	2592	900	900
M1-5-3-36-12C	4737	2592	900	900
ARDOWN	844	335	812	557
ARDOWN	4444	335	812	557

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																											Series/Size Text Length
		N		O	R	T	H																				E 2000
	463	304	79	321	276	276	243	4138																			1499
		T	O																								E 2000
	2527	267	252	3054																							519
		T	O																								E 2000
	3727	267	252	1854																							519
		T	O																								E 2000
	4927	267	252	654																							519
		B	r	a	g	g		B	l	v	d																EM 2000
	1340	436	260	388	388	264	400	436	196	388	264	1340															3420
		M	u	r	c	h	i	s	o	n		R	d														EM 2000
	914	508	424	260	388	424	196	352	396	264	400	396	264	914													4272

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 8C
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 6700mm
HEIGHT: 3500mm
TOTAL AREA: 23.5 Sq.m
EXIT PANEL AREA: 6.03 Sq.m

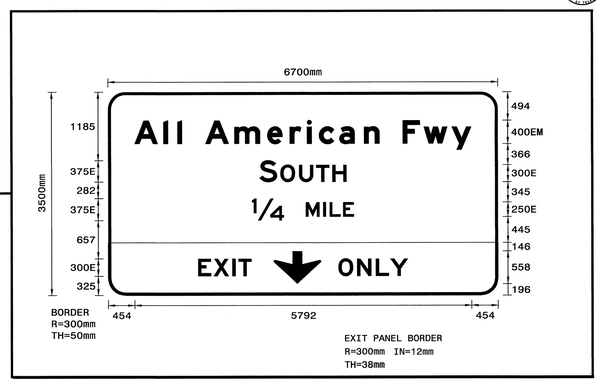
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 6496.8 mm

SYMBOL	X	Y	WID	HT
ARDOWN	2844	196	813	558

USE NOTES: 1,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 6700 mm X 900 mm.



Letter spacings are to start of next letter

																											Series/Size Text Length
		A	l	l		A	m	e	r	i	c	a	n		F	w	y											EM 2000
	454	500	240	80	400	500	564	388	296	204	352	424	264	400	360	480	340	454									5792
		S		O	U	T	H																				E 2000
	2603	304	56	321	294	276	243	2603																			1494
		1/4		M	I	L	E																				E 2000
	2474	549	375	300	110	230	188	2474																			1752
		E	X	I	T																						E 2000
	1546	267	321	105	225	4236																					918
		O	N	L	Y																						E 2000
	3957	321	321	249	306	1546																					1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 7
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 4400mm
HEIGHT: 4500mm
TOTAL AREA: 19.8 Sq.m
EXIT PANEL AREA: 3.96 Sq.m

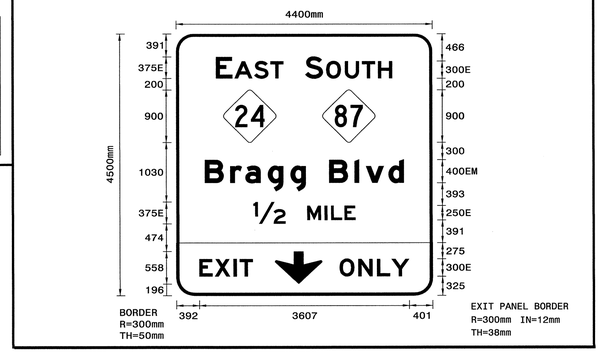
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 6
LENGTH: 4196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-2-36-15C	815	2634	900	900
M1-5-2-36-15C	2517	2634	900	900
ARDOWN	1691	196	813	558

USE NOTES: 1,3,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 4400 mm X 900 mm.



Letter spacings are to start of next letter

																											Series/Size Text Length
		E		A	S	T																					E 2000
	686	281	38	339	276	225	2555																				1160
		S		O	U	T	H																				E 2000
	2220	304	56	321	294	276	243	686																			1494
		B	r	a	g	g		B	l	v	d																EM 2000
	490	436	260	388	388	264	400	436	196	388	264	490															3420
		1/2		M	I	L	E																				E 2000
	1324	549	375	300	110	230	188	1324																			1752
		E	X	I	T																						E 2000
	392	267	321	105	225	3090																					918
		O	N	L	Y																						E 2000
	2802	321	321	249	306	401																					1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3B

APPROVED: Ayman Alquadwh

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUADWH

SIGN DESIGNS

D:\MAPS-2014 15:29
Plotted: 03-18-2014
by: ALQUADWH
mestron

SIGN NUMR: 10
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

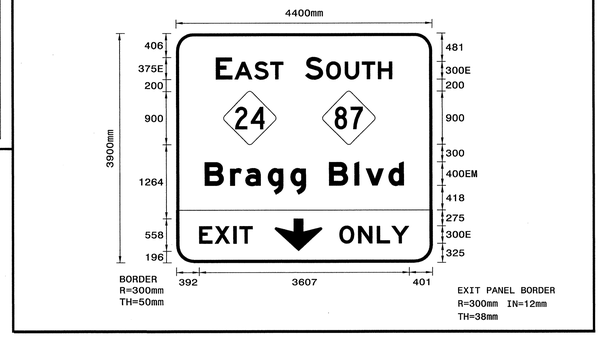
N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 4400mm
HEIGHT: 3900mm
TOTAL AREA: 17.2 Sq.m
EXIT PANEL AREA: 3.96 Sq.m
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 4196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-2-36-15C	816	2019	900	900
M1-5-2-36-15C	2517	2019	900	900
ARDOWN	1691	196	813	558



USE NOTES: 1,3,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 4400 mm X 900 mm.

Letter spacings are to start of next letter

																												Series/Size Text Length
		E		A	S	T																						E 2000
	686	281	38	339	276	225	2555																					1160
		S		O	U	T	H																					E 2000
	2220	304	56	321	294	276	243	686																				1494
		B	r	a	g	g		B	l	v	d																	EM 2000
	490	436	260	388	388	264	400	436	196	388	264	490																3420
		E	X	I	T																							E 2000
	392	267	321	105	225	3090																						918
		O	N	L	Y																							E 2000
	2802	321	321	249	306	401																						1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 11
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

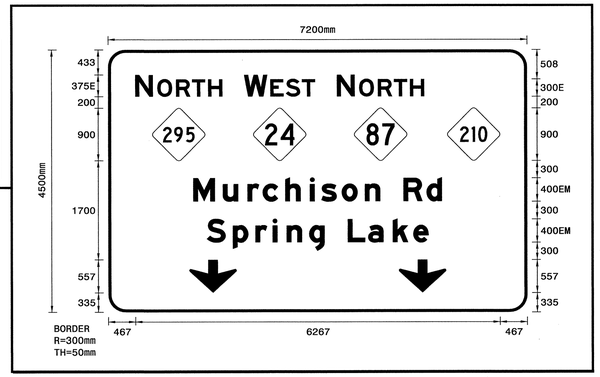
SIGN WIDTH: 7200mm
HEIGHT: 4500mm
TOTAL AREA: 32.4 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 6
LENGTH: 6996.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	766	2592	900	900
M1-5-2-36-15C	2500	2592	900	900
M1-5-2-36-15C	4234	2592	900	900
M1-5-3-36-12C	5833	2592	900	900
ARDOWN	1394	335	812	557
ARDOWN	4994	335	812	557



USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																												Series/Size Text Length
		N		O	R	T	H																					E 2000
	467	304	79	321	276	276	243	5235																				1499
		W		E	S	T																						E 2000
	2340	398	54	267	276	225	3640																					1220
		N		O	R	T	H																					E 2000
	3935	304	79	321	276	276	243	1767																				1499
		M	u	r	c	h	i	s	o	n		R	d															EM 2000
	1464	508	424	260	388	424	196	352	396	264	400	396	264	1464														4272
		S	p	r	i	n	g		L	a	k	e																EM 2000
	1694	448	388	296	240	388	264	400	348	424	352	264	1694															3812

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 12
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

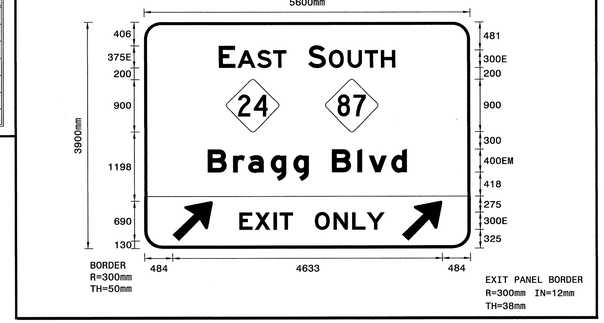
N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5600mm
HEIGHT: 3900mm
TOTAL AREA: 21.8 Sq.m
EXIT PANEL AREA: 5.04 Sq.m
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 5396.8 mm

SYMBOL	X	Y	WID	HT
M1-5-2-36-15C	1416	2019	900	900
M1-5-2-36-15C	3117	2019	900	900
ARMED	484	130	550	890
ARMED	4426	130	550	890



USE NOTES: 1,3,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 5600 mm X 900 mm.

Letter spacings are to start of next letter

																												Series/Size Text Length
		E		A	S	T																						E 2000
	1286	281	38	339	276	225	3155																					1160
		S		O	U	T	H																					E 2000
	2820	304	56	321	294	276	243	1286																				1494
		B	r	a	g	g		B	l	v	d																	EM 2000
	1090	436	260	388	388	264	400	436	196	388	264	1090																3420
		E	X	I	T																							E 2000
	1631	267	321	105	225	3051																						918
		O	N	L	Y																							E 2000
	2929	321	321	249	306	1474																						1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3C

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN DESIGNS

jl-wap-204 15:32
P:\Projects\XV00028B\Traffic\Signing\CADD\Sign Designs\w0002cc_sgn_sign designs.dgn
mascon

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3D

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 13
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5300mm
HEIGHT: 4100mm
TOTAL AREA: 21.7 Sq.m

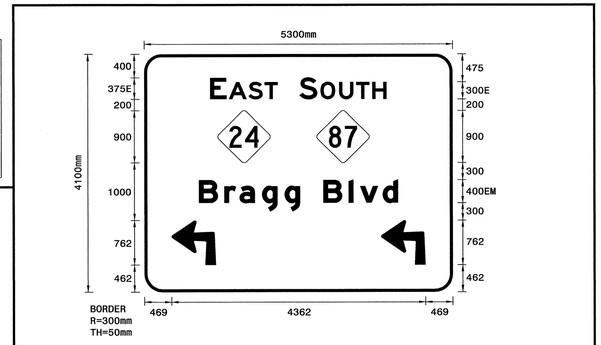
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 5096.8 mm

SYMBOL	X	Y	WID	HT
M1-5-2-36-15C	1265	2225	900	900
M1-5-2-36-15C	2967	2225	900	900
ARROW TYPE C	469	463	762	762
ARROW TYPE C	4069	463	762	762

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter																												Series/Size Text Length
		E		A	S	T																						E 2000
	1136	281	38	339	276	225	3005																					1160
		S		O	U	T	H																					E 2000
	2670	304	56	321	294	276	243	1136																				1494
		B	r	a	g	g		B	l	v	d																	EM 2000
	940	436	260	388	388	264	400	436	196	388	264	940																3420

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 15
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 7400mm
HEIGHT: 2900mm
TOTAL AREA: 21.5 Sq.m

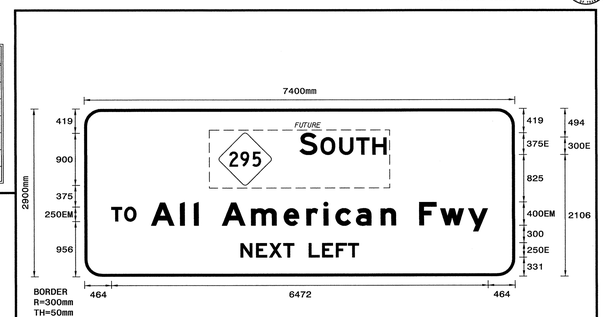
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 7196.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter																												Series/Size Text Length
		T	O		A	l	l		A	m	e	r	i	c	a	n		F	w	y								EM 2000
	464	220	210	250	500	240	80	400	500	564	388	296	204	352	424	264	400	360	480	340	464							6472
		N	E	X	T		L	E	F	T																		E 2000
	2682	268	223	245	188	250	230	238	208	188	2683																	2035

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 16
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 7400mm
HEIGHT: 3500mm
TOTAL AREA: 25.9 Sq.m

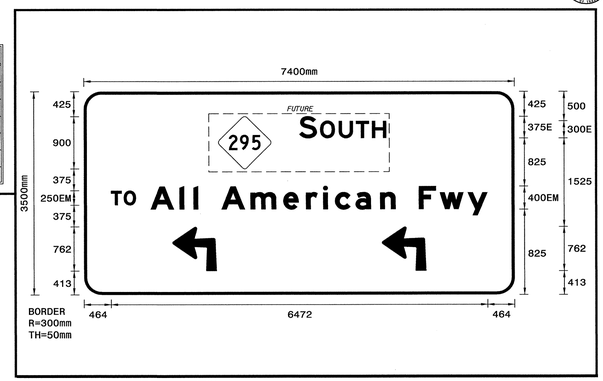
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 7196.8 mm

SYMBOL	X	Y	WID	HT
ARROW TYPE C	1519	412	762	762
ARROW TYPE C	5119	412	762	762

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter																												Series/Size Text Length
		T	O		A	l	l		A	m	e	r	i	c	a	n		F	w	y								EM 2000
	464	220	210	250	500	240	80	400	500	564	388	296	204	352	424	264	400	360	480	340	464							6472

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

||-MAR-2014 13:34
N:\TPB\Traffic\Signing\CADD\Sign Designs\x0002cc-sgn-designs.dgn
mestorn

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3E

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 17
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

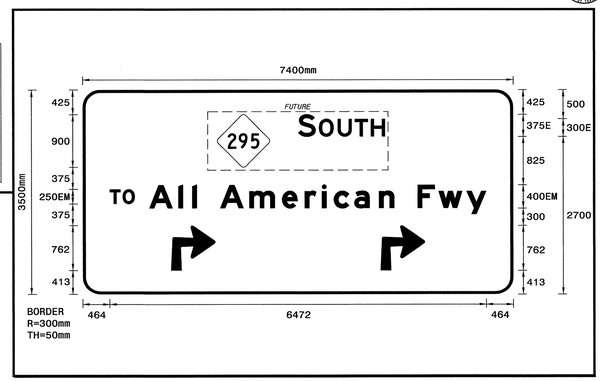
SIGN WIDTH: 7400mm
HEIGHT: 3500mm
TOTAL AREA: 25.9 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 7196.8 mm

SYMBOL	X	Y	WID	HT
ARROW TYPE C	1519	412	762	762
ARROW TYPE C	5119	412	762	762



USE NOTES: 1,3,5

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																												Series/Size Text Length
																												1494
	T	O		A	l	l		A	m	e	r	i	c	a	n		F	w	y								EM 2000
464	220	210	250	500	240	80	400	500	564	388	296	204	352	424	264	400	360	480	340	464								6472

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 14
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 29, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

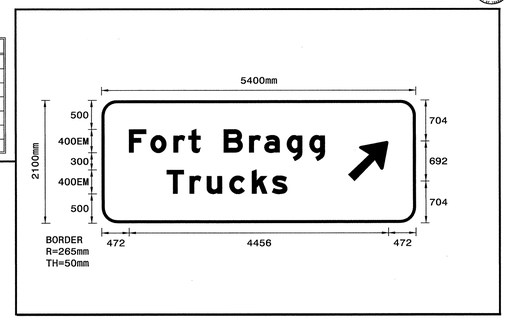
SIGN WIDTH: 5400mm
HEIGHT: 2100mm
TOTAL AREA: 11.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 265mm

NO. Z BARS: 2
LENGTH: 5196.8 mm

SYMBOL	X	Y	WID	HT
ARMED	4236	704	565	890



USE NOTES: 1,5,6

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																													Series/Size Text Length
	F	o	r	t		B	r	a	g	g																		EM 2000
472	368	396	256	208	400	436	260	388	388	264	1564																		3364
	T	r	u	c	k	s																							EM 2000
1118	392	296	388	388	344	264	2210																						2072

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 18B
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Oct 18, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

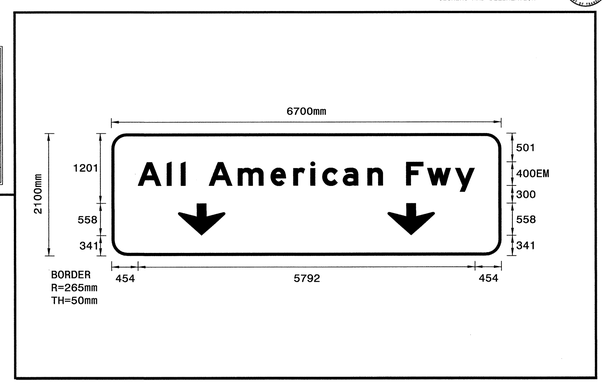
SIGN WIDTH: 6700mm
HEIGHT: 2100mm
TOTAL AREA: 14.1 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 265mm

NO. Z BARS: 7
LENGTH: 6692.0 mm

SYMBOL	X	Y	WID	HT
ARDOWN	1144	341	813	558
ARDOWN	4744	341	813	558



USE NOTES: 1,5

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																													Series/Size Text Length
	A	l	l		A	m	e	r	i	c	a	n		F	w	y													EM 2000
454	500	240	80	400	500	564	388	296	204	352	424	264	400	360	480	340	454													5792

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 13:36
N:\TIPProjects\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
mmoore

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3F

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 19B
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 11000mm
HEIGHT: 5800mm
TOTAL AREA: 63.8 Sq.m
EXIT PANEL AREA: 1.68 Sq.m
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 6
LENGTH:10796.8mm

BACKG. COLOR: Green
COPY COLOR: White

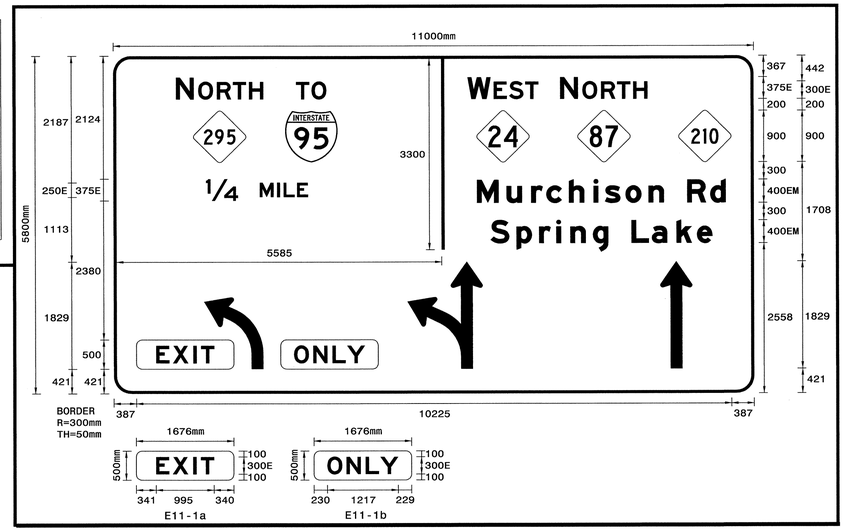
DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	1378	3958	900	900
M1_1	2952	3958	900	900
M1-5-2-36-15C	6245	3958	900	900
M1-5-2-36-15C	7979	3958	900	900
M1-5-3-36-12C	9713	3958	900	900
ARROW PER LANE LEFT	1551	421	1016	1219
ARROW PER LANE COMBO LEFT	5044	421	1295	1829
ARROW PER LANE STRAIGHT	9390	421	549	1829



USE NOTES: 1,3,5,7

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panels shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panels are: 1676 mm X 500 mm.

Letter spacings are to start of next letter

																										Series/Size Text Length
		N		O	R	T	H																			E 2000
	1078	304	79	321	276	276	243	8423																		1499
		T	O																							E 2000
	3142	267	252	7339																						519
		W		E	S	T																				E 2000
	6085	398	54	267	276	225	3696																			1220
		N		O	R	T	H																			E 2000
	7679	304	79	321	276	276	243	1822																		1499
		1/4		M	I	L	E																			E 2000
	1589	549	375	300	110	230	187	7659																		1752
		M	u	r	c	h	i	s	o	n		R	d													EM 2000
	6245	508	424	260	388	424	196	352	396	264	400	396	264	483												4272
		S	p	r	i	n	g		L	a	k	e														EM 2000
	6475	448	388	296	240	388	264	400	348	424	352	264	713													3812
		E	X	I	T																					E 2000
	728	288	351	131	225	9277																				995
		O	N	L	Y																					E 2000
	3096	329	330	252	306	6687																				1217

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 13:39
User:aalqudwah
Project:X-0002CC
Traffic\Signing\CADD\Sign Designs\x0002cc_sign_designs.dgn

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3G

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 23
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

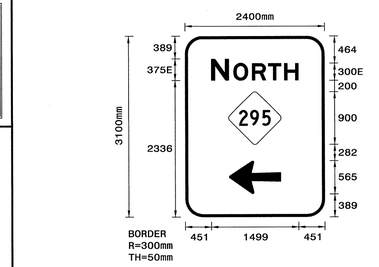
SIGN WIDTH: 2400mm
HEIGHT: 3100mm
TOTAL AREA: 7.4 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 2196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	750	1236	900	900
ARMED	755	389	565	890



USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																															Series/Size Text Length
		N		O	R	T	H																								E 2000
	451	304	79	321	276	276	243	451																							1499

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 22
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

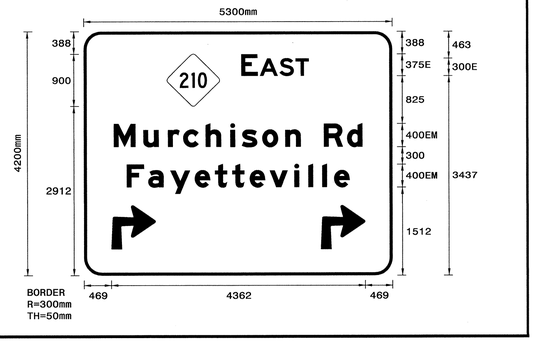
SIGN WIDTH: 5300mm
HEIGHT: 4200mm
TOTAL AREA: 22.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 5096.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	1433	2912	900	900
ARROW TYPE C	469	450	762	762
ARROW TYPE C	4069	450	762	762



USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																															Series/Size Text Length
		E		A	S	T																									E 2000
	2708	281	38	339	276	225	1433																								1160
		M	u	r	c	h	i	s	o	n		R	d																		EM 2000
	514	508	424	260	388	424	196	352	396	264	400	396	264	514																	4272
		F	a	y	e	t	t	e	v	i	l	l	e																		EM 2000
	736	368	380	420	348	296	300	344	424	240	240	204	264	736																	3828

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 24
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

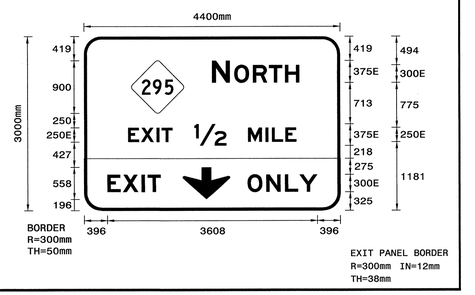
SIGN WIDTH: 4400mm
HEIGHT: 3000mm
TOTAL AREA: 13.2 Sq.m
EXIT PANEL AREA: 3.96 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	813	1681	900	900
ARDOWN	1694	196	813	558



USE NOTES: 1,3,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 4400 mm X 900 mm.

Letter spacings are to start of next letter

																															Series/Size Text Length
		N		O	R	T	H																								E 2000
	2201	304	79	321	276	276	243	701																							1499
		E	X	I	T		1/2		M	I	L	E																			E 2000
	754	223	267	88	188	375	549	375	300	110	230	187	754																		2892
		E	X	I	T																										E 2000
	396	267	321	105	225	3086																									918
		O	N	L	Y																										E 2000
	2807	321	321	249	306	396																									1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

||-MAR-2014 13:43
C:\TFPro\Projects\XV00028B\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
mstn08.cel 10.00 2012/08/22

SIGN DESIGNS

TIP NO.	SHEET NO.
X-0002CC	SIGN-3H

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 21
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 8800mm
HEIGHT: 4700mm
TOTAL AREA: 41.4 Sq.m

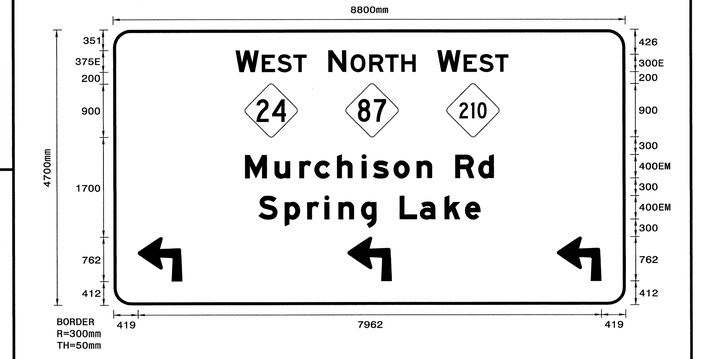
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 6
LENGTH: 8596.8 mm

SYMBOL	X	Y	WID	HT
M1-5-2-36-15C	2264	2875	900	900
M1-5-2-36-15C	3998	2875	900	900
M1-5-3-36-12C	5732	2875	900	900
ARROW TYPE C	419	413	762	762
ARROW TYPE C	4019	413	762	762
ARROW TYPE C	7619	413	762	762

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																											Series/Size Text Length
		W		E	S	T																					E 2000
	2104	398	54	267	276	225	5476																				1220
		N		O	R	T	H																				E 2000
	3699	304	79	321	276	276	243	3603																			1499
		W		E	S	T																					E 2000
	5572	398	54	267	276	225	2008																				1220
		M	u	r	c	h	i	s	o	n		R	d														EM 2000
	2264	508	424	260	388	424	196	352	396	264	400	396	264	2264													4272
		S	p	r	i	n	g		L	a	k	e															EM 2000
	2494	448	388	296	240	388	264	400	348	424	352	264	2494														3812

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 19A,20A
TYPE: B Overhead
QUANTITY: 2

BACKG. COLOR: Yellow
COPY COLOR: Black

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: E1-5aP
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 1800mm
HEIGHT: 800mm
TOTAL AREA: 1.4 Sq.m

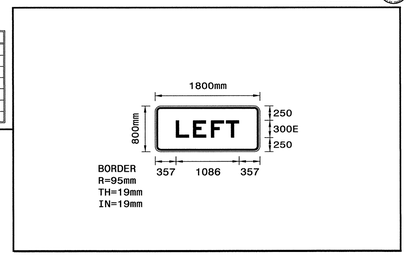
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 19mm
WIDTH: 19mm
RADII: 95mm

NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT

USE NOTES: 1,4
1. Legend and border shall be direct applied Non-reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

								Series/Size Text Length
		L	E	F	T			E 2000
	357	295	308	298	225	357		1086

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 25
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 4400mm
HEIGHT: 2400mm
TOTAL AREA: 10.6 Sq.m
EXIT PANEL AREA: 3.96 Sq.m

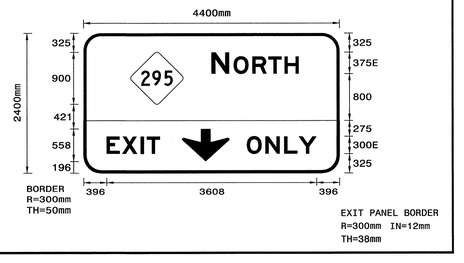
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	813	1175	900	900
ARDOWN	1694	196	813	558

USE NOTES: 1,3,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 4400 mm X 900 mm.



Letter spacings are to start of next letter

																											Series/Size Text Length
		N		O	R	T	H																				E 2000
	2201	304	79	321	276	276	243	701																			1499
		E	X	I	T																						E 2000
	396	267	321	105	225	3086																					918
		O	N	L	Y																						E 2000
	2807	321	321	249	306	396																					1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 26
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 4400mm
HEIGHT: 2400mm
TOTAL AREA: 10.6 Sq.m
EXIT PANEL AREA: 3.96 Sq.m

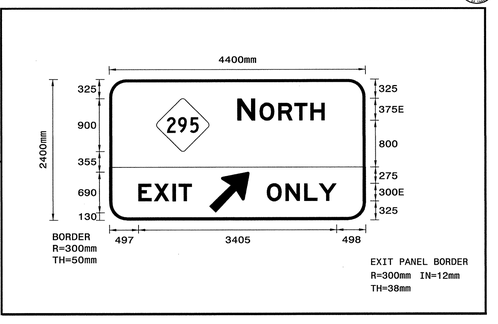
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	813	1175	900	900
ARMED	1715	130	550	890

USE NOTES: 1,3,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 4400 mm X 900 mm.



Letter spacings are to start of next letter

																											Series/Size Text Length
		N		O	R	T	H																				E 2000
	2201	304	79	321	276	276	243	701																			1499
		E	X	I	T																						E 2000
	497	267	321	105	225	2985																					918
		O	N	L	Y																						E 2000
	2705	321	321	249	306	498																					1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 13:46
C:\Users\aalqudwah\Desktop\X-0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sign_designs.dgn
mstation -I"C:\Program Files\Bentley\MicroStation\" -I"C:\Program Files\Bentley\MicroStation\Standards\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\fonts\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\patterns\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\lines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\dashes\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\colors\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\weights\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\styles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\tagsets\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\schedules\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\cells\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\dimstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\levels\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\textstyles\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates\tagsets\templates\tagsets\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\templates\multilines\" -I"C:\Program Files\Bentley\MicroStation\Standards\config\symbols\tagsets\templates\tagsets\templates

TIP NO.	SHEET NO.
X-0002CC	SIGN-31

METRIC

APPROVED: (signature)

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 27C
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 6700mm
HEIGHT: 4400mm
TOTAL AREA: 29.5 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 5
LENGTH: 6496.8 mm

SYMBOL	X	Y	WID	HT
M1-5-2-24-10C	1965	2448	900	900
M1-5-2-24-10C	3667	2448	900	900

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																		Series/Size Text Length
	E		A	S	T													E 2000
1836	281	38	339	276	225	3705												1160
	S		O	U	T	H												E 2000
3370	304	56	321	294	276	243	1836											1494
	B	r	a	g	g		B	l	v	d								EM 2000
1640	436	260	388	388	264	400	436	196	388	264	1640							3420
	A	l	l		A	m	e	r	i	c	a	n		F	w	y		EM 2000
454	500	240	80	400	500	564	388	296	204	352	424	264	400	360	480	340	454	5792
	3/4		M	I	L	E												E 2000
2437	624	375	300	110	230	188	2437											1827

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 28B
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5400mm
HEIGHT: 4600mm
TOTAL AREA: 24.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 6
LENGTH: 5196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-2-24-10C	663	2737	900	900
M1-5-2-36-15C	2397	2737	900	900
M1-5-3-24-7C	3997	2737	900	900
ARMED	554	345	565	890
ARMED	4154	345	565	890

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

														Series/Size Text Length
	W		E	S	T									E 2000
504	398	54	267	276	225	3677								1220
	N		O	R	T	H								E 2000
2098	304	79	321	276	276	243	1804							1499
	M	u	r	c	h	i	s	o	n		R	d		EM 2000
564	508	424	260	388	424	196	352	396	264	400	396	264	564	4272
	S	p	r	i	n	g		L	a	k	e			EM 2000
794	448	388	296	240	388	264	400	348	424	352	264	794		3812

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 29B
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 4900mm
HEIGHT: 2800mm
TOTAL AREA: 13.7 Sq.m
EXIT PANEL AREA: 4.41 Sq.m
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4696.8 mm

SYMBOL	X	Y	WID	HT
ARDOWN	1946	196	813	558

EXIT PANEL BORDER
R=300mm IN=12mm
TH=38mm

USE NOTES: 1,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 4900 mm X 900 mm.

Letter spacings are to start of next letter

													Series/Size Text Length
	M	c	A	r	t	h	u	r		R	d		EM 2000
452	472	324	500	256	336	424	424	200	400	396	264	452	3996
	1		M	I	L	E							E 2000
1792	113	375	300	110	230	188	1793						1315
	E	X	I	T									E 2000
651	267	321	105	225	3331								918
	O	N	L	Y									E 2000
3061	321	321	249	306	642								1197

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 30B
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 4900mm
HEIGHT: 2800mm
TOTAL AREA: 13.7 Sq.m
EXIT PANEL AREA: 4.41 Sq.m
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4696.8 mm

SYMBOL	X	Y	WID	HT
ARDOWN	1946	196	813	558

EXIT PANEL BORDER
R=300mm IN=12mm
TH=38mm

USE NOTES: 1,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 4900 mm X 900 mm.

Letter spacings are to start of next letter

													Series/Size Text Length
	M	c	A	r	t	h	u	r		R	d		EM 2000
452	472	324	500	256	336	424	424	200	400	396	264	452	3996
	1/2		M	I	L	E							E 2000
1574	549	375	300	110	230	188	1574						1752
	E	X	I	T									E 2000
651	267	321	105	225	3331								918
	O	N	L	Y									E 2000
3061	321	321	249	306	642								1197

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN DESIGNS

21-OCT-2013 09:24
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
meaton AT TE274922

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3J

APPROVED: Ayman Alqudwah

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 31B
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 4900mm
HEIGHT: 3500mm
TOTAL AREA: 17.2 Sq.m
EXIT PANEL AREA: 4.41 Sq.m
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4696.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

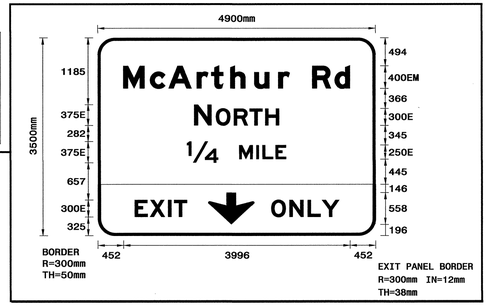
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
ARDOWN	1946	196	813	558

USE NOTES: 1,5,7
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 4900 mm X 900 mm.



Letter spacings are to start of next letter

															Series/Size Text Length
	M	c	A	r	t	h	u	r		R	d				EM 2000
452	472	324	500	256	336	424	424	200	400	396	264	452			3996
	N		O	R	T	H									E 2000
1701	304	79	321	276	276	243	1701								1499
	1/4		M	I	L	E									E 2000
1574	549	375	300	110	230	188	1574								1752
	E	X	I	T											E 2000
651	267	321	105	225	3331										918
	O	N	L	Y											E 2000
3061	321	321	249	306	642										1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 33B
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 4900mm
HEIGHT: 2800mm
TOTAL AREA: 13.7 Sq.m
EXIT PANEL AREA: 4.41 Sq.m
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 7
LENGTH: 4892.0 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

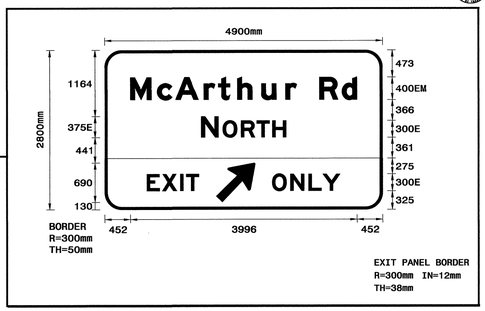
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Oct 17, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
ARNED	1963	130	550	890

USE NOTES: ###
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panel shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 4900 mm X 900 mm.



Letter spacings are to start of next letter

															Series/Size Text Length
	M	c	A	r	t	h	u	r		R	d				EM 2000
452	472	324	500	256	336	424	424	200	400	396	264	452			3996
	N		O	R	T	H									E 2000
1701	304	79	321	276	276	243	1701								1499
	E	X	I	T											E 2000
744	267	321	105	225	3238										918
	O	N	L	Y											E 2000
2953	321	321	249	306	750										1197

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 32B
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 6000mm
HEIGHT: 2000mm
TOTAL AREA: 12.0 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 250mm

NO. Z BARS: 2
LENGTH: 5796.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

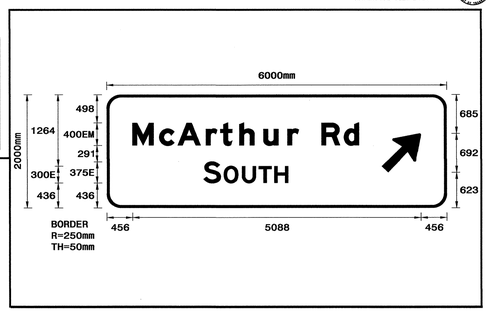
CHK BY: AIA
DIV: ##

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
ARNED	4852	623	565	890

USE NOTES: 1,5,6
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

															Series/Size Text Length
	M	c	A	r	t	h	u	r		R	d				EM 2000
456	472	324	500	256	336	424	424	200	400	396	264	1548			3996
	S		O	U	T	H									E 2000
1707	304	56	321	294	276	243	2799								1494

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 34B
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 4900mm
HEIGHT: 2600mm
TOTAL AREA: 12.7 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4696.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

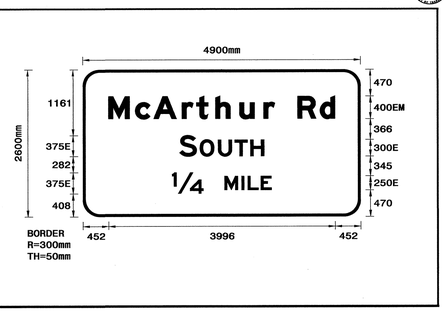
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

															Series/Size Text Length
	M	c	A	r	t	h	u	r		R	d				EM 2000
452	472	324	500	256	336	424	424	200	400	396	264	452			3996
	S		O	U	T	H									E 2000
1703	304	56	321	294	276	243	1703								1494
	1/4		M	I	L	E									E 2000
1574	549	375	300	110	230	188	1574								1752

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

21-OCT-2013 09:25
P:\TIPProjects\X0002CC\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
mpeaton 41 12.4 MB22

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3K

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 35B
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 6000mm
HEIGHT: 2000mm
TOTAL AREA: 12.0 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 250mm

NO. Z BARS: 2
LENGTH: 5796.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

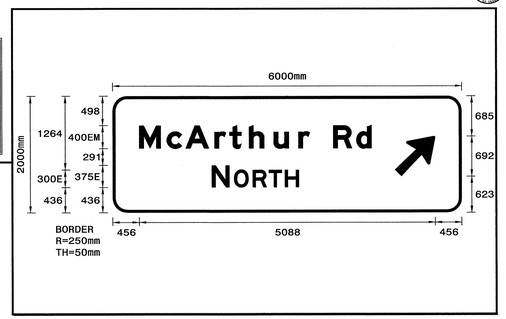
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
ARMED	4852	623	565	890

USE NOTES: 1,5,6
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																																Series/Size Text Length
		M	c	A	r	t	h	u	r		R	d																				EM 2000
	456	472	324	500	256	336	424	424	200	400	396	264	1548																			3996
		N		O	R	T	H																									E 2000
	1705	304	79	321	276	276	243	2797																								1499

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 37
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 5800mm
HEIGHT: 3900mm
TOTAL AREA: 22.6 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 5596.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

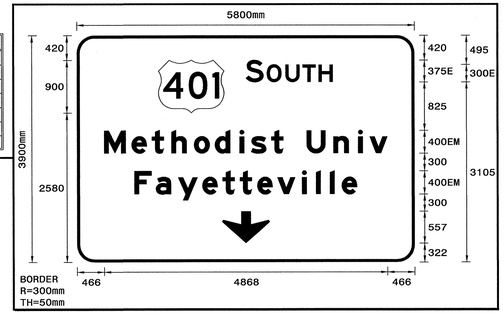
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1_4	1403	2580	1125	900
ARDOWN	2494	322	812	557

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																																Series/Size Text Length
		S		O	U	T	H																										E 2000
	2903	304	56	321	294	276	243	1403																								1494
		M	e	t	h	o	d	i	s	t		U	n	i	v																		EM 2000
	466	472	348	336	388	360	424	196	348	208	400	460	424	196	308	466																4868
		F	a	y	e	t	t	e	v	i	l	l	e																				EM 2000
	986	368	380	420	348	296	300	344	424	240	240	204	264	986																		3828

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 36
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 5300mm
HEIGHT: 3200mm
TOTAL AREA: 17.0 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 5096.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

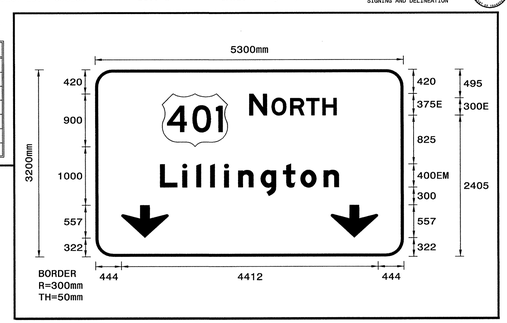
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1_4	1151	1880	1125	900
ARDOWN	444	322	812	557
ARDOWN	4044	322	812	557

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																																Series/Size Text Length
		N		O	R	T	H																										E 2000
	2651	304	79	321	276	276	243	1151																								1499
		L	i	l	l	i	n	g	t	o	n																						EM 2000
	1112	384	240	240	240	240	388	384	300	396	264	1112																				3076

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 38
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 5300mm
HEIGHT: 3500mm
TOTAL AREA: 18.6 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 5096.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

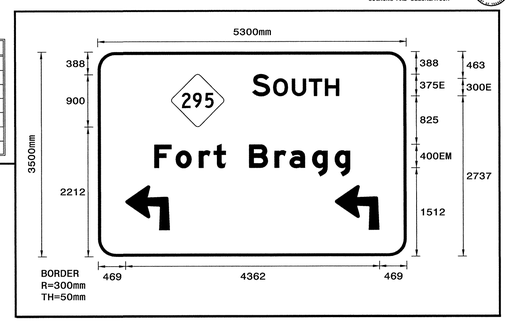
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	1265	2212	900	900
ARROW TYPE C	469	450	762	762
ARROW TYPE C	4069	450	762	762

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																																Series/Size Text Length
		S		O	U	T	H																										E 2000
	2653	304	56	321	294	276	243	1153																								1494
		F	o	r	t		B	r	a	g	g																						EM 2000
	968	368	396	256	208	400	436	260	388	388	264	968																				3364

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 13:49
m:\traffic\Signing\CADD\Sign Designs\x0002cc_sign_designs.dgn

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3L

APPROVED: Ayman I. Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 39
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 4000mm
HEIGHT: 2400mm
TOTAL AREA: 9.6 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 3796.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

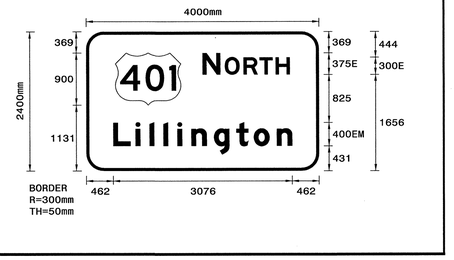
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1_4	501	1131	1125	900

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter																														Series/Size Text Length
		N		O	R	T	H																							E 2000
	2001	304	79	321	276	276	243	501																						1499
		L	i	l	l	i	n	g	t	o	n																			EM 2000
	462	384	240	240	240	240	388	384	300	396	264	462																		3076

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 41
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 5200mm
HEIGHT: 3200mm
TOTAL AREA: 16.6 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4996.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

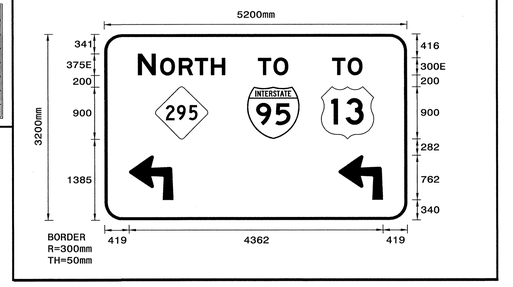
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	875	1385	900	900
M1_1	2449	1385	900	900
M1_4	3724	1385	900	900
ARROW TYPE C	419	341	762	762
ARROW TYPE C	4019	341	762	762

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter																														Series/Size Text Length
		N		O	R	T	H																							E 2000
	576	304	79	321	276	276	243	3126																						1499
		T	O																											E 2000
	2640	267	252	2041																										519
		T	O																											E 2000
	3915	267	252	766																										519

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 40
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 6000mm
HEIGHT: 2200mm
TOTAL AREA: 13.2 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 275mm

NO. Z BARS: 3
LENGTH: 5796.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

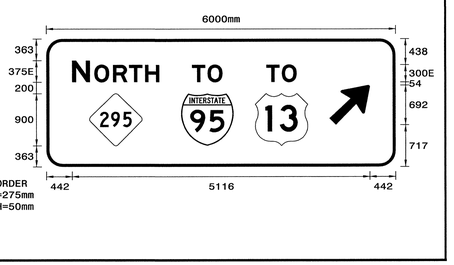
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
ARMED	4866	716	565	890
M1-5-3-36-12C	741	363	900	900
M1_1	2316	363	900	900
M1_4	3591	363	900	900

USE NOTES: 1,3,5,6
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter																														Series/Size Text Length
		N		O	R	T	H																							E 2000
	442	304	79	321	276	276	243	4059																						1499
		T	O																											E 2000
	2506	267	252	2975																										519
		T	O																											E 2000
	3781	267	252	1700																										519

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 42
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 4700mm
HEIGHT: 2400mm
TOTAL AREA: 11.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4496.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

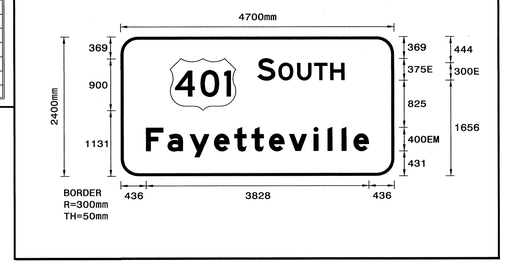
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1_4	853	1131	1125	900

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter																														Series/Size Text Length
		S		O	U	T	H																							E 2000
	2353	304	56	321	294	276	243	853																						1494
		F	a	y	e	t	t	e	v	i	l	l	e																	EM 2000
	436	368	380	420	348	296	300	344	424	240	240	204	264	436																3828

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 13:53
P:\TIPPro_01\Projects\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
mmoore

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3M

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 43
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 4

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5400mm
HEIGHT: 2500mm
TOTAL AREA: 13.5 Sq.m

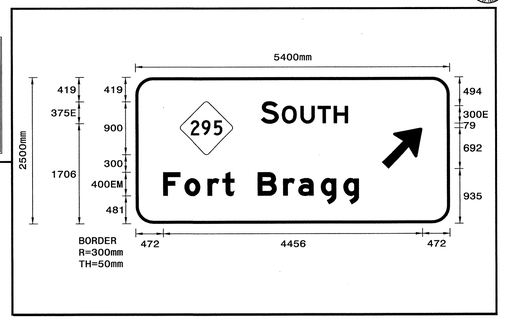
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 5196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	770	1181	900	900
ARMED	4236	935	565	890

USE NOTES: 1,3,5,6
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

		S		O	U	T	H																					Series/Size Text Length
	2157	304	56	321	294	276	243	1749																				E 2000 1494
		F	o	r	t		B	r	a	g	g																	EM 2000
	472	368	396	256	208	400	436	260	388	388	264	1564																3364

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 44
TYPE: B Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 09, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 2900mm
HEIGHT: 800mm
TOTAL AREA: 2.3 Sq.m

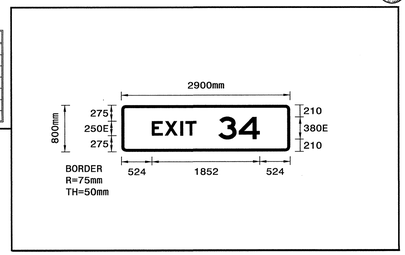
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 2696.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

	E	X	I	T		3	4																					Series/Size Text Length
	524	223	268	88	187	380	350	357	524																			E 2000 1852

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 1B,8B,27B
TYPE: A Overhead
QUANTITY: 3

BACKG. COLOR: Yellow
COPY COLOR: Black

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Apr 13, 2012

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5000mm
HEIGHT: 800mm
TOTAL AREA: 4.0 Sq.m

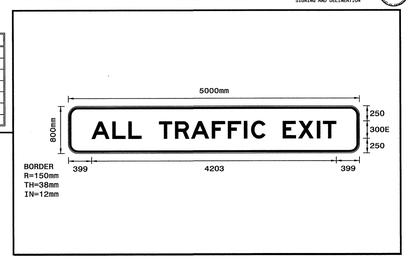
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 12mm
WIDTH: 38mm
RADII: 150mm

NO. Z BARS: 2
LENGTH: 4796.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Non-reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.8 mm aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

	A	L	L		T	R	A	F	F	I	C		E	X	I	T												Series/Size Text Length
399	357	276	225	300	276	276	357	276	276	123	243	300	267	321	105	225	399											E 2000 4203

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 45
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 4200mm
HEIGHT: 3500mm
TOTAL AREA: 14.7 Sq.m

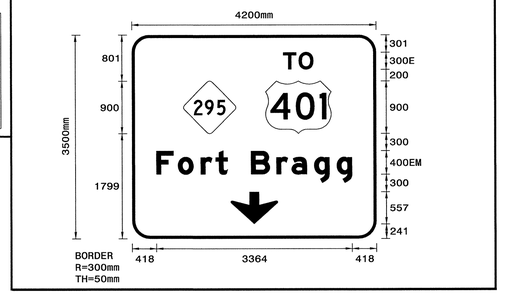
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 3996.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	888	1799	900	900
M1_4	2300	1799	1125	900
ARDOWN	1694	241	812	557

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

		T	O																									Series/Size Text Length
	2603	267	252	1078																								E 2000 519
		F	o	r	t		B	r	a	g	g																	EM 2000
	418	368	396	256	208	400	436	260	388	388	264	418																3364

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 1A,8A
TYPE: B Overhead
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 09, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 3500mm
HEIGHT: 800mm
TOTAL AREA: 2.8 Sq.m

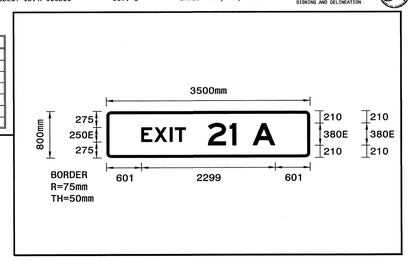
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 3296.9 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

	E	X	I	T		2	1		A																			Series/Size Text Length
	601	223	268	88	187	380	372	114	280	388	601																	E 2000 2299

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 13:57
1DGA1:[DOT.X0002BB.Traffic.Signing.CADD.Sign Designs.x0002cc_sgn_sign designs.dgn
master_3.dgn 27-MAR-2012 13:57

TIP NO.	SHEET NO.
X-0002CC	SIGN-3N

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

SIGN NUMR: 20B
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 11000mm
HEIGHT: 5800mm
TOTAL AREA: 63.8 Sq.m
EXIT PANEL AREA: 1.68 Sq.m
MAT'L: 3.2 mm ALUMINUM

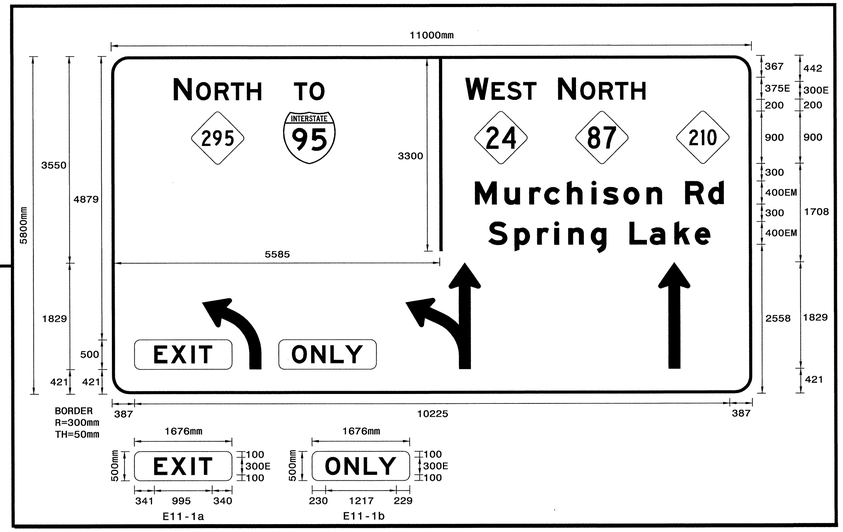
BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 6
LENGTH: 10796.8mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	1378	3958	900	900
M1_1	2952	3958	900	900
M1-5-2-36-15C	6245	3958	900	900
M1-5-2-36-15C	7979	3958	900	900
M1-5-3-36-12C	9713	3958	900	900
ARROW PER LANE LEFT	1551	421	1016	1219
ARROW PER LANE COMBO LEFT	5044	421	1295	1829
ARROW PER LANE STRAIGHT	9390	421	549	1829

USE NOTES: 1,3,5,7

1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.
7. Bottom panels shall be Yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panels are: 1676 mm X 500 mm.



Letter spacings are to start of next letter

																											Series/Size Text Length
		N		O	R	T	H																				E 2000
	1078	304	79	321	276	276	243	8423																			1499
		T	O																								E 2000
	3142	267	252	7339																							519
		W		E	S	T																					E 2000
	6085	398	54	267	276	225	3696																				1220
		N		O	R	T	H																				E 2000
	7679	304	79	321	276	276	243	1822																			1499
		M	u	r	c	h	i	s	o	n		R	d														EM 2000
	6245	508	424	260	388	424	196	352	396	264	400	396	264	483													4272
		S	p	r	i	n	g		L	a	k	e															EM 2000
	6475	448	388	296	240	388	264	400	348	424	352	264	713														3812
		E	X	I	T																						E 2000
	728	288	351	131	225	9277																					995
		O	N	L	Y																						E 2000
	3096	329	330	252	306	6687																					1217

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 13:59
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
meeton AT TE274922

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3O

APPROVED: Ayman Alqudwah

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 9A
TYPE: 9 Overhead
QUANTITY: 1

SIGN WIDTH: 3500mm
HEIGHT: 800mm
TOTAL AREA: 2.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 3296.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

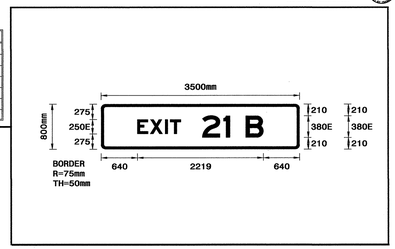
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 09, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

	E	X	I	T		2	1		B			Series/Size Text Length
640	223	267	88	188	380	372	114	280	308	640		E 2000 2219

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 18A
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 4300mm
HEIGHT: 800mm
TOTAL AREA: 3.4 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 4096.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

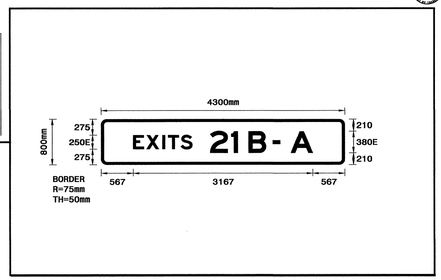
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 09, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

	E	X	I	T	S																					Series/Size Text Length
567	233	283	100	223	203	2691																				E 2000 1042
	2	1		B		-		A																		E 2000
1924	372	114	190	308	120	133	185	388	567																	1810

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 29A,30A
TYPE: A Overhead
QUANTITY: 2

SIGN WIDTH: 4300mm
HEIGHT: 800mm
TOTAL AREA: 3.4 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 4096.9 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

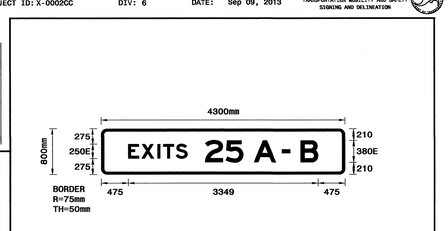
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 09, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

	E	X	I	T	S																					Series/Size Text Length
475	233	283	100	223	203	2783																				E 2000 1042
	2	5		A		-		B																		E 2000
1832	361	308	190	388	120	133	185	308	475																	1992

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 27A
TYPE: A Overhead
QUANTITY: 1

SIGN WIDTH: 5000mm
HEIGHT: 800mm
TOTAL AREA: 4.0 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 4796.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

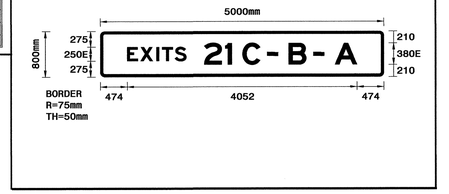
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

	E	X	I	T	S																					Series/Size Text Length
474	233	283	101	224	203	3483																				E 2000 1043
	2	1																								E 2000
1832	372	114	2681																							486
	C		-		B		-		A																	E 2000
2509	308	127	133	247	308	127	133	247	388	474																2017

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 28A
TYPE: B Overhead
QUANTITY: 1

SIGN WIDTH: 2900mm
HEIGHT: 800mm
TOTAL AREA: 2.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 2696.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

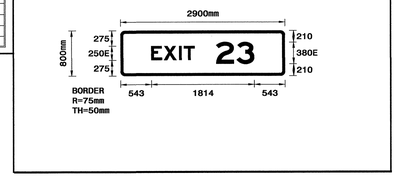
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 09, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

	E	X	I	T		2	3																			Series/Size Text Length
543	223	268	88	188	380	361	308	543																		E 2000 1814

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

21-OCT-203 09:29
P:\TIPP-Obj\X-0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_designs.dgn
person ALIAS=EZPLOT

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3P

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 31A,33A,35A TYPE: B Overhead QUANTITY: 3
BACKG. COLOR: Green COPY COLOR: White
DESIGN BY: DME PROJECT ID: X-0002CC
CHK BY: AIA DIV: 6
STD #: $STN DATE: Sep 09, 2013
N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 3500mm
HEIGHT: 800mm
TOTAL AREA: 2.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 80mm

NO. Z BARS: 2
LENGTH: 3296.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

	E	X	I	T		2	5		B		Series/Size Text Length
549	223	268	88	188	380	361	308	280	308	549	E 2000 2402

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 32A,34A TYPE: B Overhead QUANTITY: 2
BACKG. COLOR: Green COPY COLOR: White
DESIGN BY: DME PROJECT ID: X-0002CC
CHK BY: AIA DIV: 6
STD #: $STN DATE: Sep 09, 2013
N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 3500mm
HEIGHT: 800mm
TOTAL AREA: 2.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 3296.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

	E	X	I	T		2	5		A		Series/Size Text Length
509	222	267	87	187	380	361	308	280	388	509	E 2000 2481

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 106A,108A TYPE: B Ground QUANTITY: 2
BACKG. COLOR: Green COPY COLOR: White
DESIGN BY: DME PROJECT ID: X-0002CC
CHK BY: AIA DIV: 6
STD #: $STN DATE: Sep 09, 2013
N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 2900mm
HEIGHT: 800mm
TOTAL AREA: 2.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 2696.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

	E	X	I	T		2	3		Series/Size Text Length
543	223	268	88	188	380	361	308	543	E 2000 1814

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 108B TYPE: A Ground QUANTITY: 1
BACKG. COLOR: Green COPY COLOR: White
DESIGN BY: DME PROJECT ID: X-0002CC
CHK BY: AIA DIV: 6
STD #: $STN DATE: Oct 18, 2013
N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 5200mm
HEIGHT: 4100mm
TOTAL AREA: 21.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 7
LENGTH: 5192.0 mm

SYMBOL	X	Y	WID	HT
M1-5-2-24-10C	563	2303	900	900
M1-5-2-36-15C	2297	2303	900	900
M1-5-3-24-7C	3897	2303	900	900

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

														Series/Size Text Length
	W		E	S	T									E 2000
404	398	54	267	276	225	3577								1220
	N		O	R	T	H								E 2000
1998	304	79	321	276	276	243	1704							1499
	M	u	r	c	h	i	s	o	n		R	d		EM 2000
464	508	424	260	388	424	196	352	396	264	400	396	264	464	4272
	S	p	r	i	n	g		L	a	k	e			EM 2000
694	448	388	296	240	388	264	400	348	424	352	264	694		3812
	1		M	I	L	E								E 2000
1943	113	375	300	110	230	188	1943							1315

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 101 TYPE: A Ground QUANTITY: 1
BACKG. COLOR: Green COPY COLOR: White
DESIGN BY: DME PROJECT ID: X-0002CC
CHK BY: AIA DIV: 6
STD #: $STN DATE: Aug 30, 2013
N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 3900mm
HEIGHT: 2900mm
TOTAL AREA: 11.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 3696.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

														Series/Size Text Length
	T	O												E 2000
255	178	168	3299											346
	A	l	l		A	m	e	r	i	c	a	n		EM 2000
801	338	162	54	270	338	381	262	200	138	238	286	178	255	2843
	F	r	e	e	w	a	y							EM 2000
1356	273	176	238	232	329	257	230	810						1733
	K	E	E	P		L	E	F	T					E 2000
931	248	238	237	203	250	230	238	208	188	931				2038

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 14:03
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
meaton AT TE274922

TIP NO.	SHEET NO.
X-0002CC	SIGN-3Q

APPROVED: _____

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 102
TYPE: A Ground
QUANTITY: 1

SIGN WIDTH: 3900mm
HEIGHT: 2900mm
TOTAL AREA: 11.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 3696.8 mm

BACKG. COLOR: Green
COPY COLOR: White

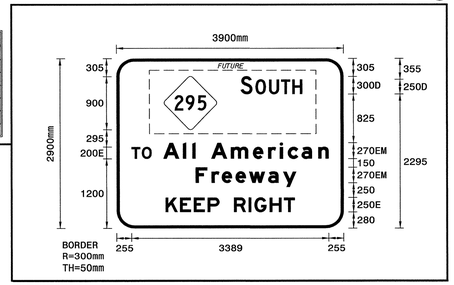
DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: SSTN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT



USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																														Series/Size Text Length
		T	O																											E 2000
	255	178	168	3299																										346
		A	l	l		A	m	e	r	i	c	a	n																	EM 2000
	801	338	162	54	270	338	381	262	200	138	238	286	178	255																2843
		F	r	e	e	w	a	y																						EM 2000
	1356	273	176	238	232	329	257	230	810																					1733
		K	E	E	P		R	I	G	H	T																			E 2000
	839	247	238	237	203	250	253	102	260	245	188	839																		2223

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 104
TYPE: A Ground
QUANTITY: 1

SIGN WIDTH: 2800mm
HEIGHT: 1700mm
TOTAL AREA: 4.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 215mm

NO. Z BARS: 2
LENGTH: 2596.8 mm

BACKG. COLOR: Green
COPY COLOR: White

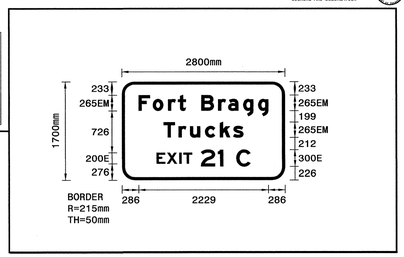
DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: SSTN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																														Series/Size Text Length
		F	o	r	t		B	r	a	g	g																			
	286	244	262	170	138	265	289	172	257	257	175	286																		EM 2000 2229
		T	r	u	c	k	s																							
	714	260	196	257	257	228	175	714																						EM 2000 1373
		E	X	I	T		2	1		C																				
	593	178	214	70	150	150	294	90	225	243	593																			E 2000 1614

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 106B
TYPE: A Ground
QUANTITY: 1

SIGN WIDTH: 5200mm
HEIGHT: 4100mm
TOTAL AREA: 21.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 7
LENGTH: 5192.0 mm

BACKG. COLOR: Green
COPY COLOR: White

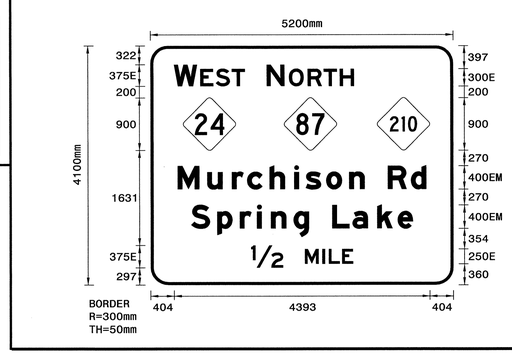
DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: SSTN
DATE: Oct 18, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1-5-2-36-15C	563	2303	900	900
M1-5-2-36-15C	2297	2303	900	900
M1-5-3-36-12C	3897	2303	900	900



USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																														Series/Size Text Length
		W		E	S	T																								
	404	398	54	267	276	225	3577																							E 2000 1220
		N		O	R	T	H																							
	1998	304	79	321	276	276	243	1704																						E 2000 1499
		M	u	r	c	h	i	s	o	n		R	d																	
	464	508	424	260	388	424	196	352	396	264	400	396	264	464																EM 2000 4272
		S	p	r	i	n	g		L	a	k	e																		
	694	448	388	296	240	388	264	400	348	424	352	264	694																	EM 2000 3812
		1/2		M	I	L	E																							
	1724	549	375	300	110	230	188	1724																						E 2000 1752

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 105
TYPE: A Ground
QUANTITY: 1

SIGN WIDTH: 3300mm
HEIGHT: 2100mm
TOTAL AREA: 6.9 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 265mm

NO. Z BARS: 2
LENGTH: 3096.8 mm

BACKG. COLOR: Green
COPY COLOR: White

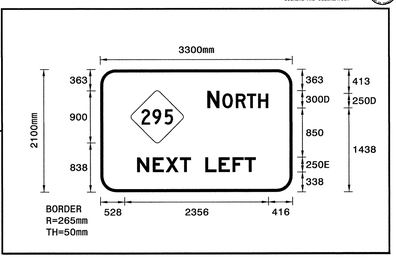
DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: SSTN
DATE: Aug 30, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	528	838	900	900



USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																														Series/Size Text Length
		N		O	R	T	H																							
	1841	204	55	233	190	193	170	416																						D 2000 1044
		N	E	X	T		L	E	F	T																				
	633	267	223	245	188	250	230	237	208	188	633																			E 2000 2035

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 14:08
V:\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
msstn 07.04.02.2 x4022

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3R

APPROVED: Ayman Alquadmani

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUADMANI

SIGN NUMR: 107
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5600mm
HEIGHT: 2800mm
TOTAL AREA: 14.6 Sq.m

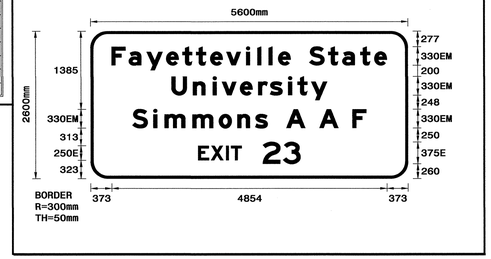
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 5396.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																												Series/Size Text Length
		F	a	y	e	t	t	e	v	i	l	l	e		S	t	a	t	e									EM 2000
	373	304	314	347	287	244	248	284	350	198	198	168	218	330	337	247	317	248	218	373								4854
		U	n	i	v	e	r	s	i	t	y																	EM 2000
	1427	380	350	162	320	320	208	320	165	241	281	1427																2746
		S	i	m	m	o	n	s		A		A		F														EM 2000
	737	370	198	495	465	327	313	218	330	333	250	333	250	244	737													4127
		E	X	I	T		2	3																				E 2000
	1900	223	268	88	188	375	356	304	1900																			1800

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 109,112
TYPE: A Ground
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 6300mm
HEIGHT: 2700mm
TOTAL AREA: 17.0 Sq.m

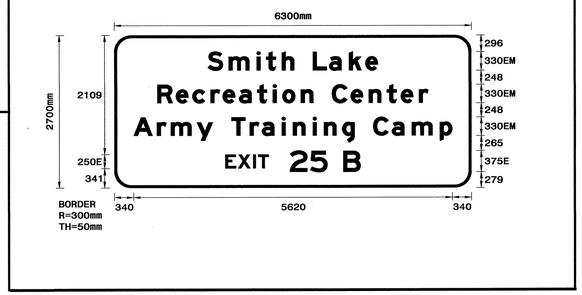
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 6096.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																												Series/Size Text Length
		S	m	i	t	h		L	a	k	e																	EM 2000
	1650	370	495	165	277	218	330	287	350	290	218	1650																3000
		R	e	c	r	e	a	t	i	o	n		C	e	n	t	e	r										EM 2000
	761	327	290	320	215	290	317	277	168	327	218	330	330	320	317	247	320	165	761									4778
		A	r	m	y		T	r	a	i	n	i	n	g		C	a	m	p									EM 2000
	340	413	244	459	281	330	323	214	350	198	350	198	320	218	330	330	350	495	218	340								5620
		E	X	I	T		2	5		B																		E 2000
	1958	223	267	88	187	375	356	304	280	304	1958																	2384

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 110B
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 4900mm
HEIGHT: 2800mm
TOTAL AREA: 13.7 Sq.m

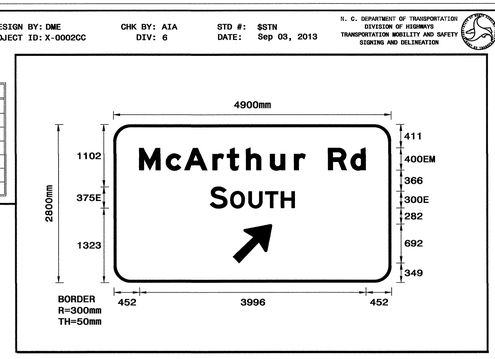
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4696.8 mm

SYMBOL	X	Y	WID	HT
ARMED	2104	349	565	890

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																												Series/Size Text Length
		M	c	A	r	t	h	u	r		R	d																EM 2000
	452	472	324	500	256	336	424	424	200	400	396	264	452															3996
		S		O	U	T	H																					E 2000
	1703	304	56	321	294	276	243	1703																				1494

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

21-OCT-2013 09:39
P:\TIPProj\X-0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
mason_ml tc2702

SIGN NUMR: 111B
TYPE: A Ground
QUANTITY: 1

SIGN WIDTH: 4900mm
HEIGHT: 1800mm
TOTAL AREA: 8.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 225mm

NO. Z BARS: 2
LENGTH: 4696.8 mm

BACKG. COLOR: Green
COPY COLOR: White

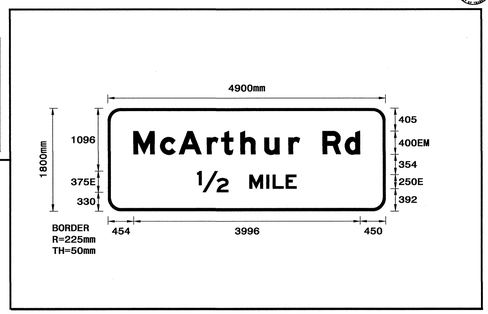
DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		M	c	A	r	t	h	u	r		R	d			Series/Size Text Length
	454	472	324	500	256	336	424	424	200	400	396	264	450		EM 2000
		1/2		M	I	L	E								E 2000
	1576	549	375	300	110	230	188	1572							1752

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 114B
TYPE: A Ground
QUANTITY: 1

SIGN WIDTH: 4900mm
HEIGHT: 1800mm
TOTAL AREA: 8.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 225mm

NO. Z BARS: 2
LENGTH: 4696.8 mm

BACKG. COLOR: Green
COPY COLOR: White

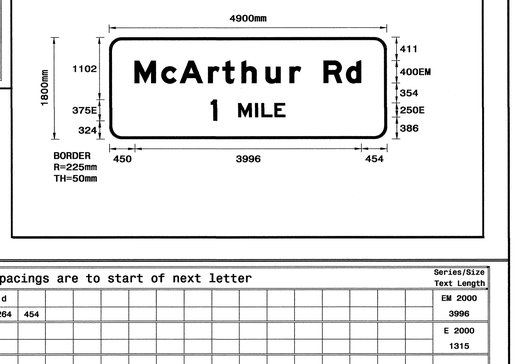
DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		M	c	A	r	t	h	u	r		R	d			Series/Size Text Length
	450	472	324	500	256	336	424	424	200	400	396	264	450		EM 2000
		1		M	I	L	E								E 2000
	1791	113	375	300	110	230	188	1795							1315

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 110A
TYPE: B Ground
QUANTITY: 1

SIGN WIDTH: 3500mm
HEIGHT: 800mm
TOTAL AREA: 2.8 Sq.m
##.# Sq.m/Sq.Ft.

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 3296.8 mm

BACKG. COLOR: Green
COPY COLOR: White

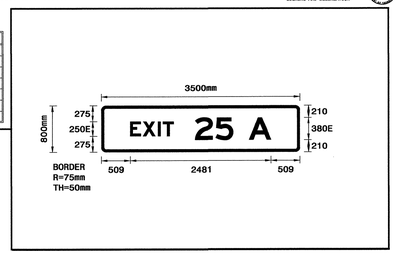
DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 09, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

	E	X	I	T		2	5		A			Series/Size Text Length
509	222	268	88	188	380	361	308	280	388	509		E 2000
												2481

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 111A,114A
TYPE: A Ground
QUANTITY: 2

SIGN WIDTH: 4300mm
HEIGHT: 800mm
TOTAL AREA: 3.4 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 75mm

NO. Z BARS: 2
LENGTH: 4096.9 mm

BACKG. COLOR: Green
COPY COLOR: White

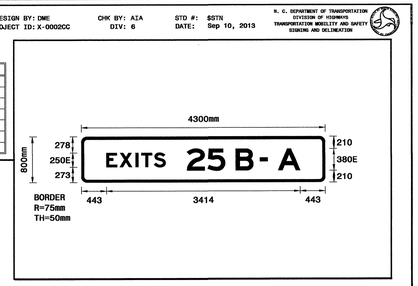
DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 10, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

	E	X	I	T		S							Series/Size Text Length
443	233	283	100	223	203	2815							E 2000
	2	5		B		-		A					1042
1865	361	308	190	308	120	133	185	388	443				E 2000
													1992

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 113A,115A,117A,
120A,121A,122A
TYPE: B
QUANTITY: 6

SIGN WIDTH: 2900mm
HEIGHT: 800mm
TOTAL AREA: 2.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 80mm

NO. Z BARS: 2
LENGTH: 2696.8 mm

BACKG. COLOR: Green
COPY COLOR: White

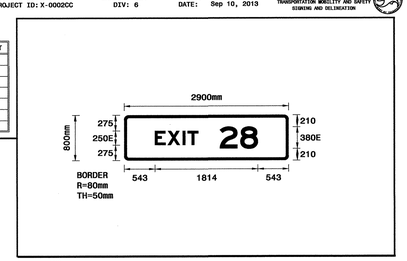
DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 10, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

	E	X	I	T		2	8			Series/Size Text Length
543	223	268	87	188	380	361	308	543		E 2000
										1814

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3S

APPROVED: Ayman Alqudwah

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

2-OCT-2013 09:40 J:\PROJECTS\X0002BC\Traffic\Signing\CADD\Sign Designs\x0002cc-sgn-sign designs.dgn
PLOTPro.pltcfg
mmeason

SIGN DESIGNS

TIP NO.	SHEET NO.
X-0002CC	SIGN-3T

APPROVED: _____

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AIMAN I. ALQUDWAH

SIGN NUMR: 113B
TYPE: A Ground
QUANTITY: 1

SIGN WIDTH: 4700mm
HEIGHT: 3600mm
TOTAL AREA: 16.9 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4496.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

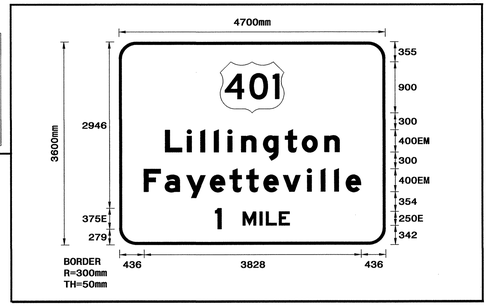
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1_4	1788	2346	1125	900

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																														Series/Size Text Length
		L	i	l	l	i	n	g	t	o	n																			EM 2000
	812	384	240	240	240	240	388	384	300	396	264	812																		3076
		F	a	y	e	t	t	e	v	i	l	l	e																	EM 2000
	436	368	380	420	348	296	300	344	424	240	240	204	264	436																3828
		1		M	I	L	E																							E 2000
	1693	113	375	300	110	230	188	1693																						1315

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 116
TYPE: A Ground
QUANTITY: 1

SIGN WIDTH: 4800mm
HEIGHT: 1600mm
TOTAL AREA: 7.7 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 4596.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

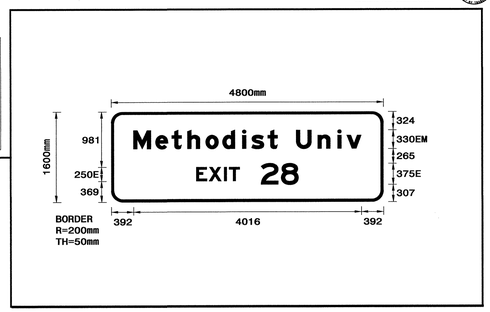
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																														Series/Size Text Length
		M	e	t	h	o	d	i	s	t		U	n	i	v															EM 2000
	392	389	287	277	320	297	350	162	287	172	330	380	350	162	254	392														4016
		E	X	I	T		2	8																						E 2000
	1500	223	268	88	188	375	356	304	1500																					1800

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 115B
TYPE: A Ground
QUANTITY: 1

SIGN WIDTH: 4700mm
HEIGHT: 3600mm
TOTAL AREA: 16.9 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4496.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

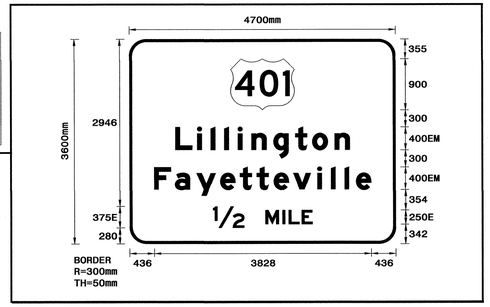
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1_4	1788	2346	1125	900

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																														Series/Size Text Length
		L	i	l	l	i	n	g	t	o	n																			EM 2000
	812	384	240	240	240	240	388	384	300	396	264	812																		3076
		F	a	y	e	t	t	e	v	i	l	l	e																	EM 2000
	436	368	380	420	348	296	300	344	424	240	240	204	264	436																3828
		1/2		M	I	L	E																							E 2000
	1474	549	375	300	110	230	188	1474																						1752

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 117B
TYPE: A Ground
QUANTITY: 1

SIGN WIDTH: 4700mm
HEIGHT: 4000mm
TOTAL AREA: 18.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 4496.8 mm

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

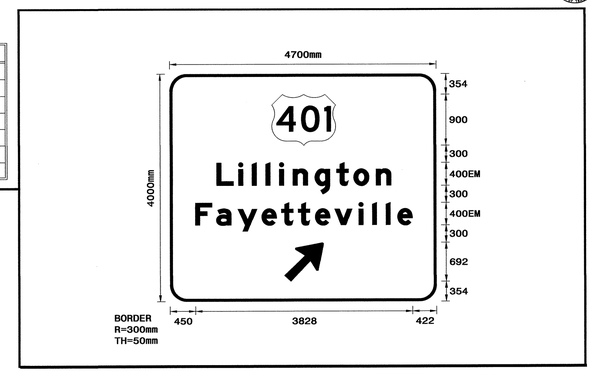
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1_4	1802	2746	1125	900
ARMED	2018	354	565	890

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																														Series/Size Text Length
		L	i	l	l	i	n	g	t	o	n																			EM 2000
	826	384	240	240	240	240	388	384	300	396	264	798																		3076
		F	a	y	e	t	t	e	v	i	l	l	e																	EM 2000
	450	368	380	420	348	296	300	344	424	240	240	204	264	422																3828

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

2:OCT-203 09:41
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
msSGN_41 12.2.4122

TIP NO.	SHEET NO.
X-0002CC	SIGN-3U

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

SIGN NUMR: 118 TYPE: A Ground QUANTITY: 1

BACKG. COLOR: Green COPY COLOR: White

DESIGN BY: DME PROJECT ID: X-0002CC

CHK BY: AIA DIV: 6

STD #: $STN DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 2400mm
HEIGHT: 2100mm
TOTAL AREA: 5.0 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 225mm

NO. Z BARS: 2
LENGTH: 2196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-24-7C	350	932	600	600
M1-5-3-24-7C	1450	932	600	600

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

									Series/Size Text Length
	S		O	U	T	H			D 2000
225	170	38	186	166	154	136	1325		850
	N		O	R	T	H			D 2000
1325	170	38	193	154	159	136	225		850
	K	E	E	P					D 2000
337	174	158	158	136	1437				626
	K	E	E	P					D 2000
1420	174	158	158	136	354				626
	L	E	F	T					D 2000
364	154	158	136	124	1464				572
	R	I	G	H	T				D 2000
1375	170	76	180	166	124	309			716

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 119 TYPE: A Ground QUANTITY: 1

BACKG. COLOR: Green COPY COLOR: White

DESIGN BY: DME PROJECT ID: X-0002CC

CHK BY: AIA DIV: 6

STD #: $STN DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 2400mm
HEIGHT: 2100mm
TOTAL AREA: 5.0 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 225mm

NO. Z BARS: 2
LENGTH: 2196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-24-7C	350	932	600	600
M1-5-3-24-7C	1450	932	600	600

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

									Series/Size Text Length
	N		O	R	T	H			D 2000
225	170	38	193	154	159	136	1325		850
	S		O	U	T	H			D 2000
1325	170	38	186	166	154	136	225		850
	K	E	E	P					D 2000
337	174	158	158	136	1437				626
	K	E	E	P					D 2000
1420	174	158	158	136	354				626
	L	E	F	T					D 2000
364	154	158	136	124	1464				572
	R	I	G	H	T				D 2000
1375	170	76	180	166	124	309			716

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 120B TYPE: A Ground QUANTITY: 1

BACKG. COLOR: Green COPY COLOR: White

DESIGN BY: DME PROJECT ID: X-0002CC

CHK BY: AIA DIV: 6

STD #: $STN DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 4500mm
HEIGHT: 3500mm
TOTAL AREA: 15.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4296.8 mm

SYMBOL	X	Y	WID	HT
M1_4	1688	2380	1125	900
ARMED	1904	198	565	890

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

														Series/Size Text Length
	L	i	l	l	i	n	g	t	o	n				EM 2000
712	384	240	240	240	240	388	384	300	396	264	712			3076
	F	a	y	e	t	t	e	v	i	l	l	e		EM 2000
336	368	380	420	348	296	300	344	424	240	240	204	264	336	3828

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 121B TYPE: A Ground QUANTITY: 1

BACKG. COLOR: Green COPY COLOR: White

DESIGN BY: DME PROJECT ID: X-0002CC

CHK BY: AIA DIV: 6

STD #: $STN DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 4700mm
HEIGHT: 3500mm
TOTAL AREA: 16.5 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4496.8 mm

SYMBOL	X	Y	WID	HT
M1_4	1788	2248	1125	900

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

														Series/Size Text Length
	L	i	l	l	i	n	g	t	o	n				EM 2000
812	384	240	240	240	240	388	384	300	396	264	812			3076
	F	a	y	e	t	t	e	v	i	l	l	e		EM 2000
436	368	380	420	348	296	300	344	424	240	240	204	264	436	3828
	1/2		M	I	L	E								E 2000
1474	549	375	300	110	230	188	1474							1752

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 14:15
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
meaton AT TE274922

TIP NO.	SHEET NO.
X-0002CC	SIGN-3V

METRIC

APPROVED: (signature)

DATE: 10 – 28 – 13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 122B
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 4700mm
HEIGHT: 3500mm
TOTAL AREA: 16.5 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4496.8 mm

SYMBOL	X	Y	WID	HT
M1_4	1788	2248	1125	900

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

														Series/Size Text Length
	L	i	l	l	i	n	g	t	o	n				EM 2000
812	384	240	240	240	240	388	384	300	396	264	812			3076
	F	a	y	e	t	t	e	v	i	l	l	e		EM 2000
436	368	380	420	348	296	300	344	424	240	240	204	264	436	3828
	1		M	I	L	E								E 2000
1693	113	375	300	110	230	188	1693							1315

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 125B,126B
TYPE: A Ground
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 3600mm
HEIGHT: 2100mm
TOTAL AREA: 7.6 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 265mm

NO. Z BARS: 2
LENGTH: 3396.8 mm

SYMBOL	X	Y	WID	HT
ARMED	1454	354	565	890

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

										Series/Size Text Length
	R	i	v	e	r		R	d		EM 2000
468	432	196	388	388	200	400	396	264	468	2664

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 123B,127B
TYPE: A Ground
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 3600mm
HEIGHT: 1700mm
TOTAL AREA: 6.1 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 215mm

NO. Z BARS: 2
LENGTH: 3396.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

										Series/Size Text Length
	R	i	v	e	r		R	d		EM 2000
468	432	196	388	388	200	400	396	264	468	2664
	1		M	I	L	E				E 2000
1142	113	375	300	110	230	188	1143			1315

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 128B
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 4300mm
HEIGHT: 3500mm
TOTAL AREA: 15.1 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4096.8 mm

SYMBOL	X	Y	WID	HT
M1_1	1682	2281	900	900

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

											Series/Size Text Length
	B	e	n	s	o	n					EM 2000
1042	400	388	380	352	396	264	1078				2180
	L	u	m	b	e	r	t	o	n		EM 2000
450	384	424	600	352	388	256	300	396	264	486	3364
	2		M	I	L	E	S				E 2000
1260	304	375	300	110	230	.223	203	1296			1744

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 124B
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 03, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 3600mm
HEIGHT: 1700mm
TOTAL AREA: 6.1 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 215mm

NO. Z BARS: 2
LENGTH: 3396.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

										Series/Size Text Length
	R	i	v	e	r		R	d		EM 2000
468	432	196	388	388	200	400	396	264	468	2664
	1/2		M	I	L	E				E 2000
924	549	375	300	110	230	188	924			1752

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 123A,124A,125A,126A,127A
TYPE: B Ground
QUANTITY: 5

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: ##

STD #: $STN
DATE: Sep 10, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 2900mm
HEIGHT: 800mm
TOTAL AREA: 2.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 80mm

NO. Z BARS: 2
LENGTH: 2696.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

									Series/Size Text Length
	E	X	I	T		3	0		E 2000
532	222	268	88	188	380	372	319	532	1837

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN DESIGNS

21-OCT-2013 09:42
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
meaton AT TE274922

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3W

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 129B
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

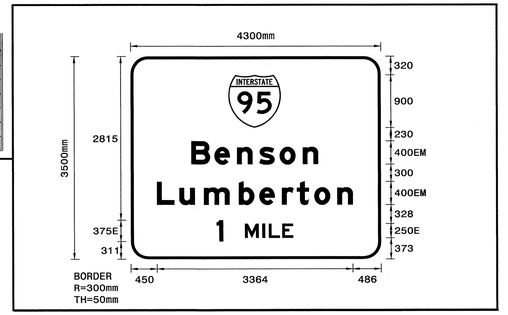
SIGN WIDTH: 4300mm
HEIGHT: 3500mm
TOTAL AREA: 15.1 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 4096.8 mm

SYMBOL	X	Y	WID	HT
M1_1	1682	2281	900	900



USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																														Series/Size Text Length
		B	e	n	s	o	n																							EM 2000
	1042	400	388	380	352	396	264	1078																						2180
		L	u	m	b	e	r	t	o	n																				EM 2000
	450	384	424	600	352	388	256	300	396	264	486																			3364
		1		M	I	L	E																							E 2000
	1475	113	375	300	110	230	188	1511																						1315

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 128A,129A
TYPE: B Ground
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 10, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

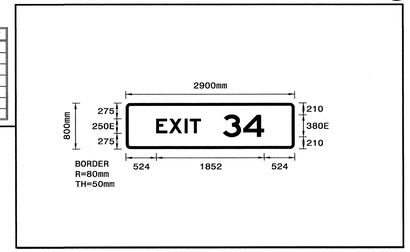
SIGN WIDTH: 2900mm
HEIGHT: 800mm
TOTAL AREA: 2.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 80mm

NO. Z BARS: 2
LENGTH: 2696.8 mm

SYMBOL	X	Y	WID	HT



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																														Series/Size Text Length
		E	X	I	T		3	4																						E 2000
	524	223	268	88	188	380	350	357	524																					1852

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 130B
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

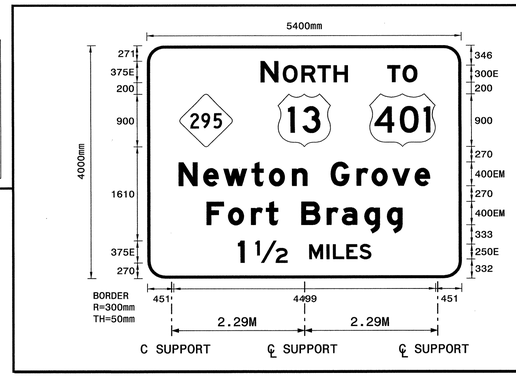
SIGN WIDTH: 5400mm
HEIGHT: 4000mm
TOTAL AREA: 21.6 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 5196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	563	2255	900	900
M1_4	2250	2255	900	900
M1_4	3824	2255	1125	900



USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																															Series/Size Text Length
		N		O	R	T	H																								E 2000
	1951	304	79	321	276	276	243	1951																							1499
		T	O																												EM 2000
	4129	264	252	755																											516
		N	e	w	t	o	n		G	r	o	v	e																		EM 2000
	540	424	344	484	300	396	264	400	444	260	352	388	264	540																	4320
		F	o	r	t		B	r	a	g	g																				EM 2000
	1018	368	396	256	208	400	436	260	388	388	264	1018																			3364
		1		1/2		M	I	L	E	S																					E 2000
	1555	113	187	549	375	300	110	230	223	203	1555																				2289

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 130A,131A,132A
133A,134A,135A
TYPE: B Ground
QUANTITY: 6

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 10, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

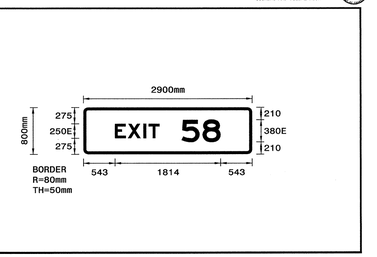
SIGN WIDTH: 2900mm
HEIGHT: 800mm
TOTAL AREA: 2.3 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 80mm

NO. Z BARS: 2
LENGTH: 2696.8 mm

SYMBOL	X	Y	WID	HT



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																															Series/Size Text Length
		E	X	I	T		5	8																							E 2000
	543	222	267	88	188	380	361	308	543																						1814

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

II:\MAP-2014\4314\Roadway\XX\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
Plotted: 27-MAR-2014 14:31 By: meacon

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3X

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 131B
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5400mm
HEIGHT: 4000mm
TOTAL AREA: 21.6 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 5196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	563	2255	900	900
M1_4	2250	2255	900	900
M1_4	3824	2255	1125	900

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

															Series/Size Text Length
		N		O	R	T	H								E 2000
	1951	304	79	321	276	276	243	1951							1499
		T	O												EM 2000
	4129	264	252	755											516
		N	e	w	t	o	n		G	r	o	v	e		EM 2000
	540	424	344	484	300	396	264	400	444	260	352	388	264	540	4320
		F	o	r	t		B	r	a	g	g				EM 2000
	1018	368	396	256	208	400	436	260	388	388	264	1018			3364
		3/4		M	I	L	E								E 2000
	1787	624	375	300	110	230	188	1787							1827

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 132B,135B
TYPE: A Ground
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5400mm
HEIGHT: 4300mm
TOTAL AREA: 23.2 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 5
LENGTH: 5196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	563	2563	900	900
M1_4	2250	2563	900	900
M1_4	3824	2563	1125	900
ARMED	2354	260	565	890

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

															Series/Size Text Length
		N		O	R	T	H								E 2000
	1951	304	79	321	276	276	243	1951							1499
		T	O												EM 2000
	4129	264	252	755											516
		N	e	w	t	o	n		G	r	o	v	e		EM 2000
	540	424	344	484	300	396	264	400	444	260	352	388	264	540	4320
		F	o	r	t		B	r	a	g	g				EM 2000
	1018	368	396	256	208	400	436	260	388	388	264	1018			3364

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 103
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5600mm
HEIGHT: 2600mm
TOTAL AREA: 14.6 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 3
LENGTH: 5396.8 mm

SYMBOL	X	Y	WID	HT

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

																					Series/Size Text Length
		F	a	y	e	t	t	e	v	i	l	l	e		S	t	a	t	e		EM 2000
	380	304	314	347	287	244	248	284	350	198	198	168	218	330	337	248	317	247	218	366	4854
		U	n	i	v	e	r	s	i	t	y										EM 2000
	1434	380	350	162	320	320	208	320	165	241	281	1420									2746
		S	i	m	m	o	n	s		A		A		F							EM 2000
	744	370	198	495	465	327	314	218	330	333	250	333	250	244	730						4127
		N	E	X	T		R	I	G	H	T										E 2000
	1697	268	223	245	188	250	253	103	260	245	188	1683									2220

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 14:33
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
meaton AT TE274922

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3Y

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 134B
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5400mm
HEIGHT: 4000mm
TOTAL AREA: 21.6 Sq.m

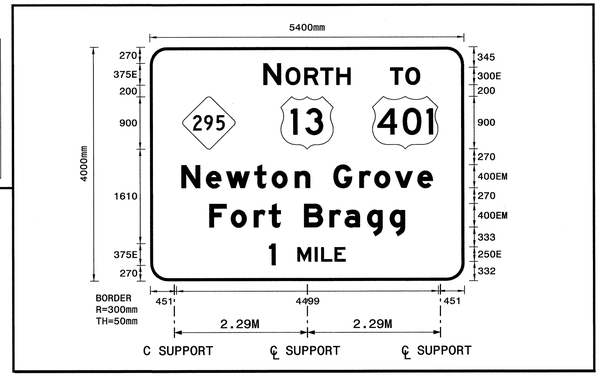
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 5196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	563	2255	900	900
M1_4	2250	2255	900	900
M1_4	3824	2255	1125	900

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																											Series/Size Text Length
		N		O	R	T	H																				E 2000
	1951	304	79	321	276	276	243	1951																			1499
		T	O																								EM 2000
	4129	264	252	755																							516
		N	e	w	t	o	n		G	r	o	v	e														EM 2000
	540	424	344	484	300	396	264	400	444	260	352	388	264	540													4320
		F	o	r	t		B	r	a	g	g																EM 2000
	1018	368	396	256	208	400	436	260	388	388	264	1018															3364
		1		M	I	L	E																				E 2000
	2043	113	375	300	110	230	188	2043																			1315

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 133B
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 5400mm
HEIGHT: 4000mm
TOTAL AREA: 21.6 Sq.m

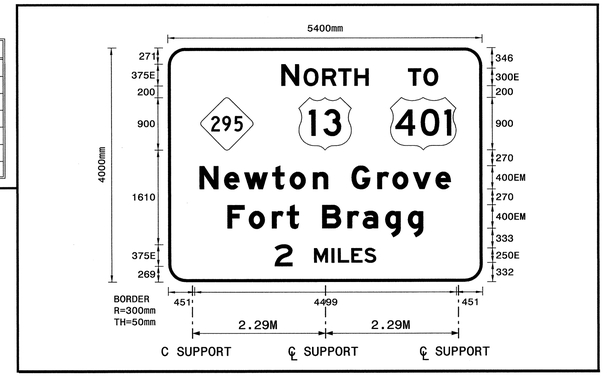
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 50mm
RADII: 300mm

NO. Z BARS: 4
LENGTH: 5196.8 mm

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	563	2254	900	900
M1_4	2250	2255	900	900
M1_4	3824	2255	1125	900

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

																											Series/Size Text Length
		N		O	R	T	H																				E 2000
	1951	304	79	321	276	276	243	1951																			1499
		T	O																								EM 2000
	4129	264	252	755																							516
		N	e	w	t	o	n		G	r	o	v	e														EM 2000
	540	424	344	484	300	396	264	400	444	260	352	388	264	540													4320
		F	o	r	t		B	r	a	g	g																EM 2000
	1018	368	396	256	208	400	436	260	388	388	264	1018															3364
		2		M	I	L	E	S																			E 2000
	1828	304	375	300	110	230	223	203	1828																		1744

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

11-MAR-2014 14:35
\\nasstf-cs1\Projects\X0002CC\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
mastorr

SIGN DESIGNS

TIP NO.	SHEET NO.
X-0002CC	SIGN-3Z

APPROVED: Ayman Alqudah

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDAH

SIGN NUMR: 201
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

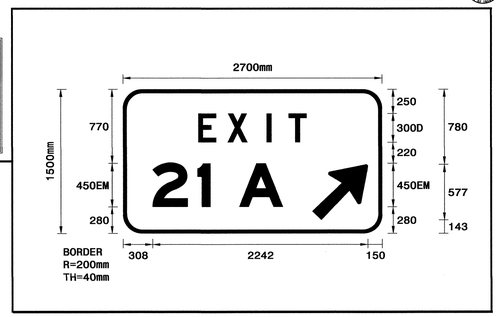
SIGN WIDTH: 2700mm
HEIGHT: 1500mm
TOTAL AREA: 4.1 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 2496.8 mm

SYMBOL	X	Y	WID	HT
ARMED	1973	143	464	743



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		E	X	I	T		Series/Size Text Length
	787	306	408	228	186	786	D 2000 1127
		2	1		A		EM 2000 1357
	308	468	135	300	454	1035	

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 202,203,204,206
TYPE: A Ground
QUANTITY: 4

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

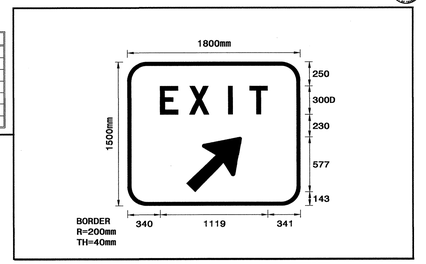
SIGN WIDTH: 1800mm
HEIGHT: 1500mm
TOTAL AREA: 2.7 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 1596.8 mm

SYMBOL	X	Y	WID	HT
ARMED	612	143	464	743



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		E	X	I	T		Series/Size Text Length
	340	304	404	225	186	341	D 2000 1119

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 208
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

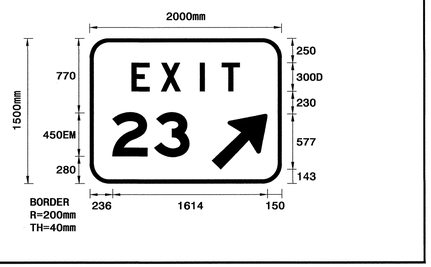
SIGN WIDTH: 2000mm
HEIGHT: 1500mm
TOTAL AREA: 3.0 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 1796.8 mm

SYMBOL	X	Y	WID	HT
ARMED	1273	143	464	743



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		E	X	I	T		Series/Size Text Length
	437	306	408	228	186	436	D 2000 1127
		2	3				EM 2000 801
	236	437	365	963			

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 205
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

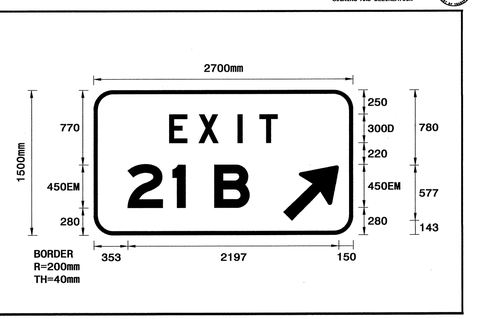
SIGN WIDTH: 2700mm
HEIGHT: 1500mm
TOTAL AREA: 4.1 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 2496.8 mm

SYMBOL	X	Y	WID	HT
ARMED	1973	143	464	743



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		E	X	I	T		Series/Size Text Length
	787	306	408	228	186	786	D 2000 1127
		2	1		B		EM 2000 1268
	353	468	135	300	365	1080	

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

21-OCT-2013 09:44
P:\TPP-0013-2013\X0002CC\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
$user: ALI_EZ-PLOT

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3AA

APPROVED: Ayman Al Qaudwah

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 209,210
TYPE: A Ground
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 2700mm
HEIGHT: 1500mm
TOTAL AREA: 4.1 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 2496.8 mm

SYMBOL	X	Y	WID	HT
ARMED	1973	143	464	743

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		E	X	I	T		Series/Size Text Length
	787	306	408	228	186	786	D 2000 1127
		2	5		A		EM 2000 1583
	195	464	365	300	455	922	

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 213,214
TYPE: A Ground
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

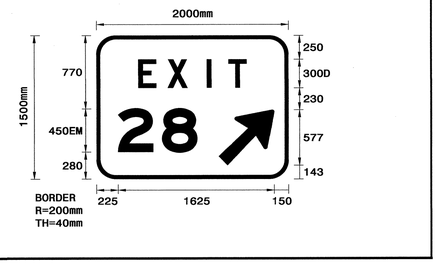
SIGN WIDTH: 2000mm
HEIGHT: 1500mm
TOTAL AREA: 3.0 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 1796.8 mm

SYMBOL	X	Y	WID	HT
ARMED	1273	143	464	743



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		E	X	I	T		Series/Size Text Length
	437	306	408	228	186	436	D 2000 1127
		2	8				EM 2000 824
	225	459	365	952			

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 211,212
TYPE: A Ground
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

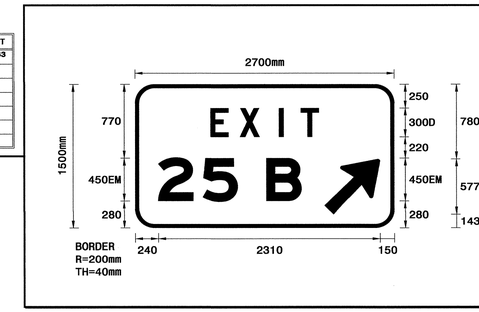
SIGN WIDTH: 2700mm
HEIGHT: 1500mm
TOTAL AREA: 4.1 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 2496.8 mm

SYMBOL	X	Y	WID	HT
ARMED	1973	143	464	743



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		E	X	I	T		Series/Size Text Length
	787	306	408	228	186	786	D 2000 1127
		2	5		B		EM 2000 1492
	240	464	364	300	364	967	

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

21-OCT-2013 09:46
P:\TIPProjects\X-0002CC\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
mason.ash

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3BB

APPROVED: _____

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AIMAN I. ALQUDWAH

SIGN NUMR: 218
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 2000mm
HEIGHT: 1500mm
TOTAL AREA: 3.0 Sq.m

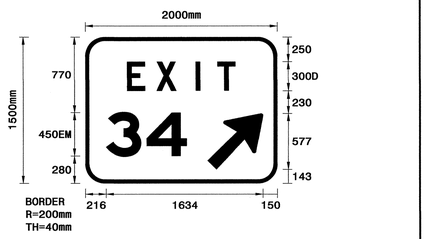
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 1796.8 mm

SYMBOL	X	Y	WID	HT
ARMED	1273	143	464	743

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

		E	X	I	T			Series/Size Text Length
	437	306	408	228	186	436		D 2000 1127
		3	4					EM 2000 842
	216	423	419	943				

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 207
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 1800mm
HEIGHT: 1500mm
TOTAL AREA: 2.7 Sq.m

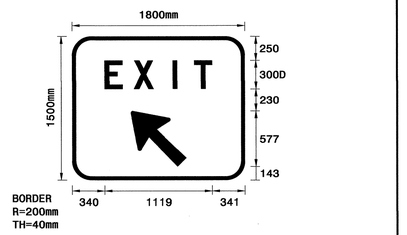
MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 1596.8 mm

SYMBOL	X	Y	WID	HT
ARMED	612	143	464	743

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



Letter spacings are to start of next letter

		E	X	I	T			Series/Size Text Length
	340	304	404	225	186	341		D 2000 1119

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 215,216
TYPE: A Ground
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 2000mm
HEIGHT: 1500mm
TOTAL AREA: 3.0 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 200mm

NO. Z BARS: 2
LENGTH: 1796.8 mm

SYMBOL	X	Y	WID	HT
ARMED	1273	143	464	743

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		E	X	I	T			Series/Size Text Length
	437	306	408	228	186	436		D 2000 1127
		3	0					EM 2000 832
	220	454	378	947				

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

21-OCT-2013 10:00
P:\TIPProjects\X0002CC\SIGN-3BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_designs.dgn
mpope

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3CC

APPROVED: Lyren Blackwelder

DATE: 10-28-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AIMAN I. ALQUDAH

SIGN NUMB: 301
TYPE: D Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

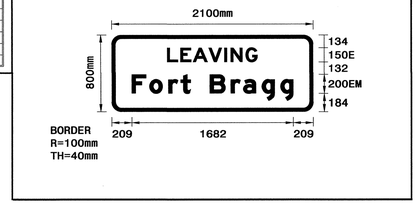
SIGN WIDTH: 2100mm
HEIGHT: 800mm
TOTAL AREA: 1.7 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 100mm

NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		L	E	A	V	I	N	G																							Series/Size Text Length
	581	138	129	165	163	66	156	122	581																						E 2000 939
		F	o	r	t		B	r	a	g	g																				EM 2000 1682
	209	184	198	128	104	200	218	130	194	194	132	209																			

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMB: 303
TYPE: D Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

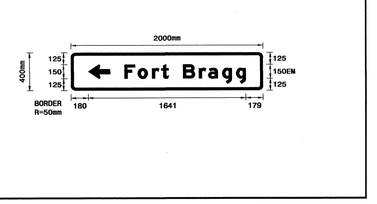
SIGN WIDTH: 2000mm
HEIGHT: 400mm
TOTAL AREA: 0.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 0mm
RADII: 50mm

NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT
ARUP	180	125	150	229



USE NOTES: 2,5,6
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		F	o	r	t		B	r	a	g	g																				Series/Size Text Length
	559	138	148	96	78	150	164	98	145	146	99	179																			EM 2000 1262

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMB: 302
TYPE: D Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

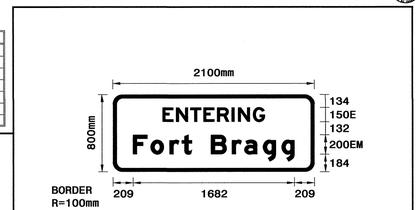
SIGN WIDTH: 2100mm
HEIGHT: 800mm
TOTAL AREA: 1.7 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 40mm
RADII: 100mm

NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT



USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		E	N	T	E	R	I	N	G																						Series/Size Text Length
	518	143	147	138	143	151	66	156	122	518																					E 2000 1065
		F	o	r	t		B	r	a	g	g																				EM 2000 1682
	209	184	198	128	104	200	218	130	194	194	132	209																			

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMB: 304
TYPE: D Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

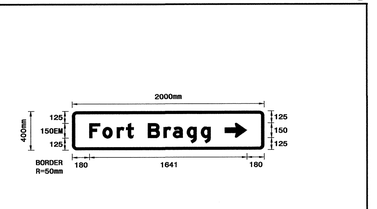
SIGN WIDTH: 2000mm
HEIGHT: 400mm
TOTAL AREA: 0.8 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0mm
WIDTH: 0mm
RADII: 50mm

NO. Z BARS:
LENGTH:

SYMBOL	X	Y	WID	HT
ARUP	1591	125	150	229



USE NOTES: 2,5,6
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade B reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		F	o	r	t		B	r	a	g	g																				Series/Size Text Length
	180	138	149	96	78	150	164	98	146	146	99	559																			EM 2000 1262

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

21-OCT-2013 09:48
P:\TPPro\RS\X-0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_designs.dgn
mason at 12.14.22

TIP NO.	SHEET NO.
X-0002CC	SIGN-3DD

METRIC

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 601 TYPE: OVERLAY QUANTITY: 1

BACKG. COLOR: GREEN COPY COLOR: WHITE

DESIGN BY: DME PROJECT ID: X-0002CC

CHK BY: AIA DIV: 6

STD #: $STN DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 1300mm
HEIGHT: 1600mm
TOTAL AREA: 2.1 Sq.m
MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	20	100	900	900

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

								Series/Size Text Length
	N		O	R	T	H		D 2000
128	204	55	233	190	193	170	128	1044

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 603 TYPE: OVERLAY QUANTITY: 1

BACKG. COLOR: GREEN COPY COLOR: WHITE

DESIGN BY: DME PROJECT ID: X-0002CC

CHK BY: AIA DIV: 6

STD #: $STN DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 1300mm
HEIGHT: 1600mm
TOTAL AREA: 2.1 Sq.m
MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	200	100	900	900

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

								Series/Size Text Length
	S		O	U	T	H		D 2000
119	204	55	233	208	193	170	119	1062

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 602 TYPE: OVERLAY QUANTITY: 1

BACKG. COLOR: GREEN COPY COLOR: WHITE

DESIGN BY: DME PROJECT ID: X-0002CC

CHK BY: AIA DIV: 6

STD #: $STN DATE: Sep 04, 2013

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 1300mm
HEIGHT: 1600mm
TOTAL AREA: 2.1 Sq.m
MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	88	100	1125	900

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

								Series/Size Text Length
	N		O	R	T	H		D 2000
128	204	55	233	190	193	170	128	1044

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 604 TYPE: OVERLAY QUANTITY: 1

BACKG. COLOR: GREEN COPY COLOR: WHITE

DESIGN BY: DME PROJECT ID: X-0002CC

CHK BY: AIA DIV: 6

STD #: $STN DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRANSPORTATION MOBILITY AND SAFETY SIGNING AND DELINEATION

SIGN WIDTH: 2900mm
HEIGHT: 600mm
TOTAL AREA: 1.7 Sq.m
MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

												Series/Size Text Length
	F	o	r	t		B	r	a	g	g		EM 2000
62	304	327	211	172	330	360	215	320	320	218	62	2775

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 14:41
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
meaton AT TE274922

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3EE

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 605
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 1300mm
HEIGHT: 1600mm
TOTAL AREA: 2.1 Sq.m

MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	200	100	900	900

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 2,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

									Series/Size Text Length
		S		O	U	T	H		D 2000
	119	204	55	233	207	193	170	119	1062

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 701
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 1700mm
HEIGHT: 1700mm
TOTAL AREA: 2.9 Sq.m

MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	400	113	900	900

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

									Series/Size Text Length
		N		O	R	T	H		E 2000
	101	304	79	321	276	276	243	101	1499

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 606
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 2900mm
HEIGHT: 600mm
TOTAL AREA: 1.7 Sq.m

MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 2,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

													Series/Size Text Length
		F	o	r	t		B	r	a	g	g		EM 2000
	62	304	327	211	172	330	360	214	320	320	218	62	2775

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 702
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 1700mm
HEIGHT: 1700mm
TOTAL AREA: 2.9 Sq.m

MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	400	113	900	900

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

									Series/Size Text Length
		N		O	R	T	H		E 2000
	101	304	79	321	276	276	243	101	1499

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

11-MAR-2014 14:45
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
meaton AT TE274922

SIGN DESIGNS

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3FF

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 703
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

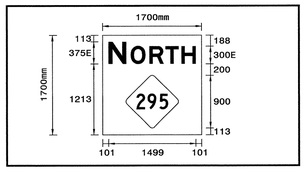
SIGN WIDTH: 1700mm
HEIGHT: 1700mm
TOTAL AREA: 2.9 Sq.m

MAT'L: 0.063 in. ALUMINUM

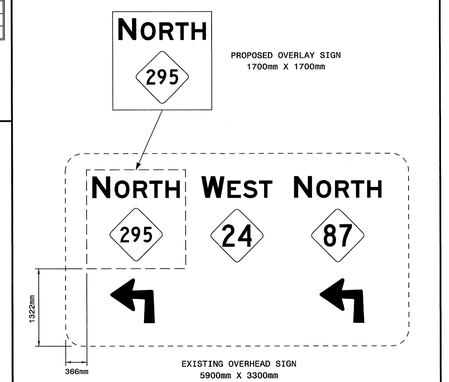
SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	400	113	900	900

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



PROPOSED OVERLAY SIGN
1700mm X 1700mm



EXISTING OVERHEAD SIGN
5900mm X 3300mm

Letter spacings are to start of next letter

		N		O	R	T	H		Series/Size Text Length
101	304	79	321	276	276	243	101		E 2000 1499

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 704
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

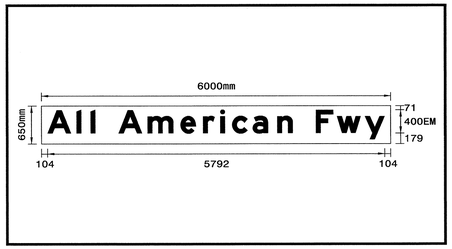
SIGN WIDTH: 6000mm
HEIGHT: 650mm
TOTAL AREA: 3.9 Sq.m

MAT'L: 0.063 in. ALUMINUM

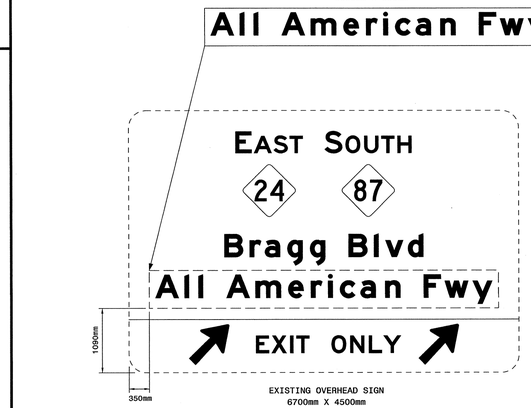
SYMBOL	X	Y	WID	HT

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



PROPOSED OVERLAY SIGN
6000mm X 650mm



EXISTING OVERHEAD SIGN
6700mm X 4500mm

Letter spacings are to start of next letter

	A	l	l		A	m	e	r	i	c	a	n		F	w	y									Series/Size Text Length
104	500	240	80	400	500	564	388	296	204	352	424	264	400	360	480	340	104								EM 2000 5792

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 712
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

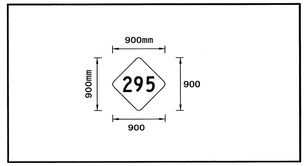
SIGN WIDTH: 900mm
HEIGHT: 900mm
TOTAL AREA: 0.81 Sq.m

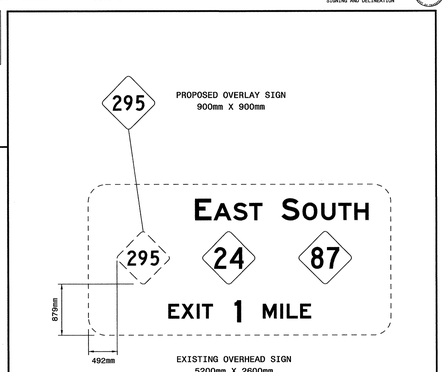
MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	0	0	900	900

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall be Grade A reflective sheeting on 0.032" aluminum and demountable.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.





EXISTING OVERHEAD SIGN
5200mm X 2600mm

Letter spacings are to start of next letter

	I	N	T	E	R	S	T	A	T	E																	Series/Size Text Length
126	43	98	92	95	95	92	83	110	92	75	126																E 2000 873
	2	9	5																								C 2000
203	255	255	210	203																							720

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

|-MAR-2014 14:52
E:\Projects\14.1.X\0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
mestes

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3GG

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 706
TYPE: OVERLAY
QUANTITY: 1

SIGN WIDTH: 1700mm
HEIGHT: 1700mm
TOTAL AREA: 2.9 Sq.m

MAT'L: 0.063 in. ALUMINUM

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

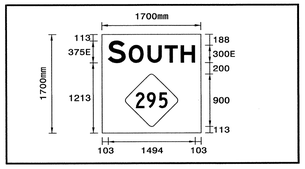
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

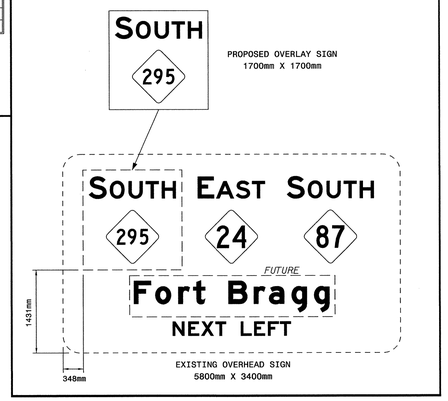
N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	400	113	900	900

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



PROPOSED OVERLAY SIGN
1700mm X 1700mm



EXISTING OVERHEAD SIGN
5800mm X 3400mm

Letter spacings are to start of next letter																																Series/Size Text Length
		S		O	U	T	H																									E 2000
	103	304	56	321	294	276	243	103																								1494

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 705
TYPE: OVERLAY
QUANTITY: 1

SIGN WIDTH: 6000mm
HEIGHT: 650mm
TOTAL AREA: 3.9 Sq.m

MAT'L: 0.063 in. ALUMINUM

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

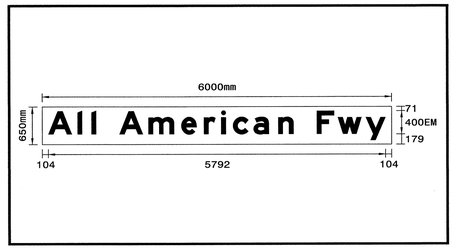
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

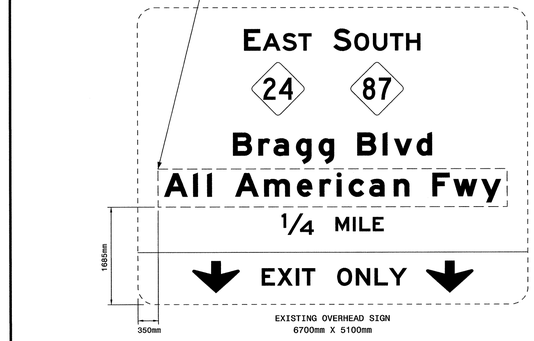
N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



PROPOSED OVERLAY SIGN
6000mm X 650mm



EXISTING OVERHEAD SIGN
6700mm X 5100mm

Letter spacings are to start of next letter																																Series/Size Text Length
		A	l	l		A	m	e	r	i	c	a	n		F	w	y															EM 2000
	104	500	240	80	400	500	564	388	296	204	352	424	264	400	360	480	340	104														5792

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN NUMR: 707
TYPE: OVERLAY
QUANTITY: 1

SIGN WIDTH: 3500mm
HEIGHT: 700mm
TOTAL AREA: 2.5 Sq.m

MAT'L: 0.063 in. ALUMINUM

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

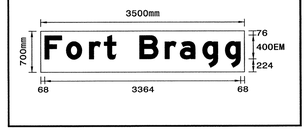
CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

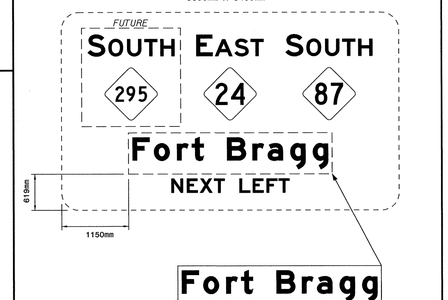
N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SYMBOL	X	Y	WID	HT

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.



EXISTING OVERHEAD SIGN
5800mm X 3400mm



PROPOSED OVERLAY SIGN
3500mm X 700mm

Letter spacings are to start of next letter																																Series/Size Text Length
		F	o	r	t		B	r	a	g	g																					EM 2000
	68	368	396	256	208	400	436	260	388	388	264	68																				3364

Spacing Factor is 1 unless specified otherwise

FILENAME: GSENG

SIGN DESIGNS

E-MAIL: 2014 14:55
PLOTTED BY: Alqudwah
DGN: K:\2002BS\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
meston
DATE: 12/19/2014

TIP NO.	SHEET NO.
X-0002CC	SIGN-3HH

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SIGN NUMR: 710
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 1700mm
HEIGHT: 1700mm
TOTAL AREA: 2.9 Sq.m
MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	400	113	900	900

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		S		O	U	T	H		Series/Size Text Length
	103	304	56	321	294	276	243	103	E 2000 / 1494

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 708
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 1700mm
HEIGHT: 1700mm
TOTAL AREA: 2.9 Sq.m
MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT
M1-5-3-36-12C	400	113	900	900

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 1,3,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		S		O	U	T	H		Series/Size Text Length
	103	304	56	321	294	276	243	103	E 2000 / 1494

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 711
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 3500mm
HEIGHT: 700mm
TOTAL AREA: 2.5 Sq.m
MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		F	o	r	t		B	r	a	g	g		Series/Size Text Length
	68	368	396	256	208	400	436	260	388	388	264	68	EM 2000 / 3364

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 709
TYPE: OVERLAY
QUANTITY: 1

BACKG. COLOR: GREEN
COPY COLOR: WHITE

DESIGN BY: DME
PROJECT ID: X-0002CC

CHK BY: AIA
DIV: 6

STD #: $STN
DATE: Sep 05, 2013

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRANSPORTATION MOBILITY AND SAFETY
SIGNING AND DELINEATION

SIGN WIDTH: 3500mm
HEIGHT: 700mm
TOTAL AREA: 2.5 Sq.m
MAT'L: 0.063 in. ALUMINUM

SYMBOL	X	Y	WID	HT

BORDER TYPE: NOTE: USE SQUARE CORNERS
RECESS: 0 in./mm
WIDTH: 0 in./mm
RADII: 0 in./mm

USE NOTES: 1,5
1. Legend and border shall be direct applied Grade A reflective sheeting.
2. Legend and border shall be direct applied Grade C reflective sheeting.
3. Shields shall direct applied Grade A reflective sheeting.
4. Background shall be Grade A reflective sheeting.
5. Background shall be Grade C reflective sheeting.
6. Center arrow(s) vertically on sign.

Letter spacings are to start of next letter

		F	o	r	t		B	r	a	g	g		Series/Size Text Length
	68	368	396	256	208	400	436	260	388	388	264	68	EM 2000 / 3364

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN DESIGNS

11-MAR-2014 14:59
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Sign Designs\x0002cc_sgn_sign designs.dgn
meaton AT TE274922

TIP NO.	SHEET NO.
X-0002CC	SIGN-3II

APPROVED: [signature]

DATE: 12-16-13

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

(401) QUANTITY REQ'D 4

1200 X 1500
R2-1

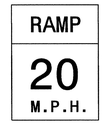
TWO "U" POSTS PER SIGN

(406) QUANTITY REQ'D 6

1200 X 1200
W9-1(R)

TWO "U" POSTS PER SIGN

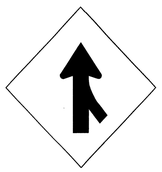
(411) QUANTITY REQ'D 4



1200 X 1500
W13-3

TWO "U" POSTS PER SIGN

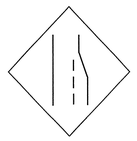
(402) QUANTITY REQ'D 6



1200 X 1200
W4-1 (R)

TWO "U" POSTS PER SIGN

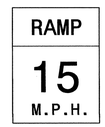
(407) QUANTITY REQ'D 6



1200 X 1200
W4-2(R)

TWO "U" POSTS PER SIGN

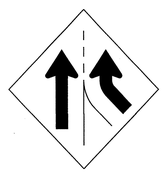
(412) QUANTITY REQ'D 1



1200 X 1500
W13-3

TWO "U" POSTS PER SIGN

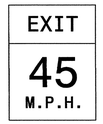
(403) QUANTITY REQ'D 10



1200 X 1200
W4-3(R)

TWO "U" POSTS PER SIGN

(408) QUANTITY REQ'D 5



1200 X 1500
W13-2

TWO "U" POSTS PER SIGN

(413) QUANTITY REQ'D 71

760 X 900
W1-8 (R)

ONE "U" POST PER SIGN

(404) QUANTITY REQ'D 7

1200 X 1200
W9-1(L)

TWO "U" POSTS PER SIGN

(409) QUANTITY REQ'D 5

1200 X 1200
W1-15

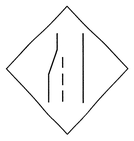
TWO "U" POSTS PER SIGN

(414) QUANTITY REQ'D 1

600 X 600
W13-1P

MOUNT BELOW SIGN NO. 409
IN 1 INSTALLATION

(405) QUANTITY REQ'D 7



1200 X 1200
W4-2(L)

TWO "U" POSTS PER SIGN

(410) QUANTITY REQ'D 4

600 X 600
W13-1P

MOUNT BELOW SIGN NO. 409
IN 4 INSTALLATION

NOTE: THIS DRAWING IS DIMENSIONED IN MILLIMETERS UNLESS OTHERWISE DEPICTED WITHIN THE DRAWING.

TYPE "E" SIGNS

13-DEC-2013 14:02
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\X0002CC_Sgn_title.dgn
meaton AT E274922

TIP NO.	SHEET NO.
X-0002CC	SIGN-3JJ

APPROVED: [signature]

DATE: 2-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

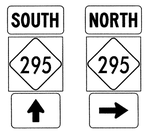
METRIC

501 502 504 506 509 512 517 518 521 525

1 - 530 X 380
1 - 610 X 610

ONE "U" POST PER SIGN

510

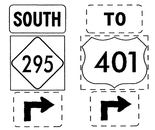


2 - 610 X 305
2 - 610 X 610
2 - 530 X 380

TWO "U" POSTS PER SIGN

523

1 - 610 X 305
1 - 610 X 610



MOUNT TO EXISTING SIGN SYSTEM

531

1 - 914 X 457
1 - 914 X 914

ONE "U" POST PER SIGN

503

1 - 610 X 305
1 - 610 X 610
1 - 530 X 380

MOUNT ABOVE EXISTING SIGNS

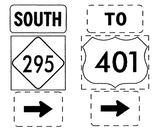
511

1 - 610 X 305
1 - 610 X 610
1 - 530 X 380

MOUNT BELOW SIGN NO. 303

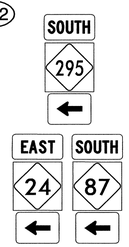
524

1 - 610 X 305
1 - 610 X 610



MOUNT TO EXISTING SIGN SYSTEM

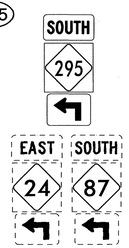
532



1 - 610 X 305
1 - 610 X 610
1 - 530 X 380
2 - 610 X 305
2 - 610 X 610
2 - 530 X 380

TWO "U" POSTS PER SIGN

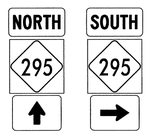
505



1 - 610 X 305
1 - 610 X 610
1 - 530 X 380

MOUNT ABOVE EXISTING SIGNS

513

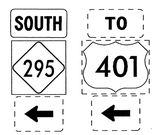


2 - 610 X 305
2 - 610 X 610
2 - 530 X 380

TWO "U" POSTS PER SIGN

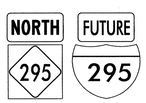
526

1 - 610 X 305
1 - 610 X 610



MOUNT TO EXISTING SIGN SYSTEM

507 515 519 529



2 - 914 X 457
1 - 914 X 914
1 - 1143 X 914

TWO "U" POSTS PER SIGN

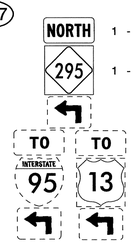
NOTE: OMIT "INTERSTATE" TEXT FROM M1-1 SHIELD

514

1 - 610 X 305
1 - 610 X 610
1 - 530 X 380

ONE "U" POST PER SIGN

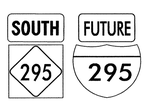
527



1 - 610 X 305
1 - 610 X 610

MOUNT TO EXISTING SIGN SYSTEM

508 516 520 530

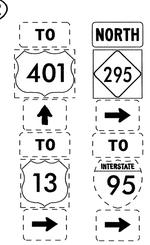


2 - 914 X 457
1 - 914 X 914
1 - 1143 X 914

TWO "U" POSTS PER SIGN

NOTE: OMIT "INTERSTATE" TEXT FROM M1-1 SHIELD

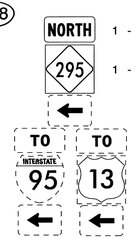
522



1 - 610 X 305
1 - 610 X 610

MOUNT TO EXISTING SIGN SYSTEM

528



1 - 610 X 305
1 - 610 X 610

MOUNT TO EXISTING SIGN SYSTEM

NOTE: THIS DRAWING IS DIMENSIONED IN MILLIMETERS UNLESS OTHERWISE DEPICTED WITHIN THE DRAWING.

TYPE "F" SIGNS

13-MAR-2014 09:25
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\X0002CC_Sgn_title.dgn
meaton AT TEZ74922

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-3KK

APPROVED: [signature]

DATE: 3-18-14

SEAL

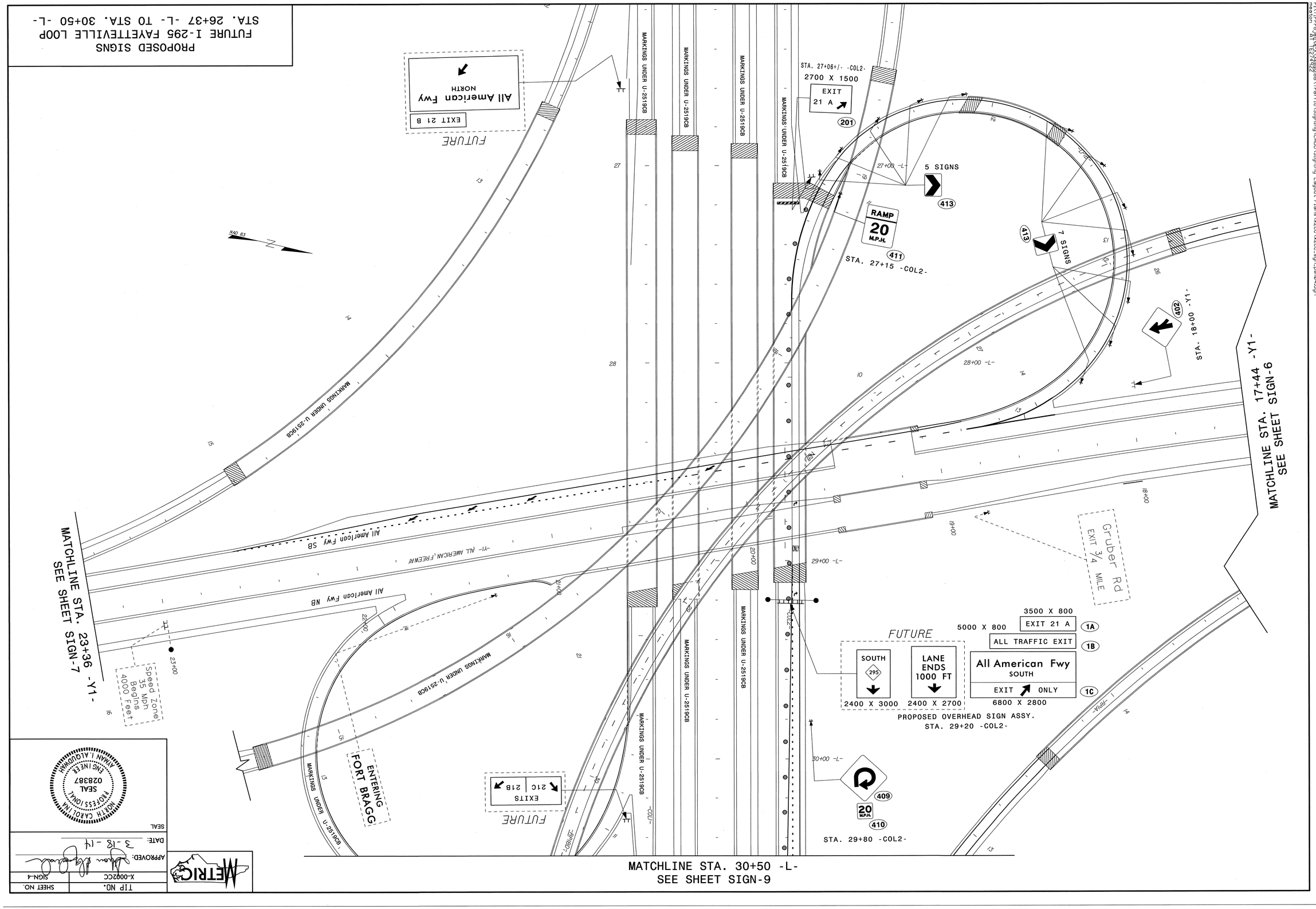
NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

SOUTH 295 MILE 22 305 X 914 D10-4 ONE "U" POST PER SIGN	SOUTH 295 MILE 25 305 X 914 D10-4 ONE "U" POST PER SIGN	NORTH 295 MILE 28 305 X 914 D10-4 ONE "U" POST PER SIGN	SOUTH 295 MILE 30 305 X 914 D10-4 ONE "U" POST PER SIGN	NORTH 295 MILE 33 305 X 914 D10-4 ONE "U" POST PER SIGN	
SOUTH 295 MILE 23 305 X 914 D10-4 ONE "U" POST PER SIGN	NORTH 295 MILE 26 305 X 914 D10-4 ONE "U" POST PER SIGN	SOUTH 295 MILE 28 305 X 914 D10-4 ONE "U" POST PER SIGN	NORTH 295 MILE 31 305 X 914 D10-4 ONE "U" POST PER SIGN	SOUTH 295 MILE 33 305 X 914 D10-4	
NORTH 295 MILE 24 305 X 914 D10-4 ONE "U" POST PER SIGN	SOUTH 295 MILE 26 305 X 914 D10-4 ONE "U" POST PER SIGN	NORTH 295 MILE 29 305 X 914 D10-4 ONE "U" POST PER SIGN	SOUTH 295 MILE 31 305 X 914 D10-4 ONE "U" POST PER SIGN	NORTH 295 MILE 34 305 X 914 D10-4	
SOUTH 295 MILE 24 305 X 914 D10-4 ONE "U" POST PER SIGN	NORTH 295 MILE 27 305 X 914 D10-4 ONE "U" POST PER SIGN	SOUTH 295 MILE 29 305 X 914 D10-4 ONE "U" POST PER SIGN	NORTH 295 MILE 32 305 X 914 D10-4 ONE "U" POST PER SIGN	SOUTH 295 MILE 34 305 X 914 D10-4	
NORTH 295 MILE 25 305 X 914 D10-4 ONE "U" POST PER SIGN	SOUTH 295 MILE 27 305 X 914 D10-4 ONE "U" POST PER SIGN	NORTH 295 MILE 30 305 X 914 D10-4 ONE "U" POST PER SIGN	SOUTH 295 MILE 32 305 X 914 D10-4 ONE "U" POST PER SIGN		

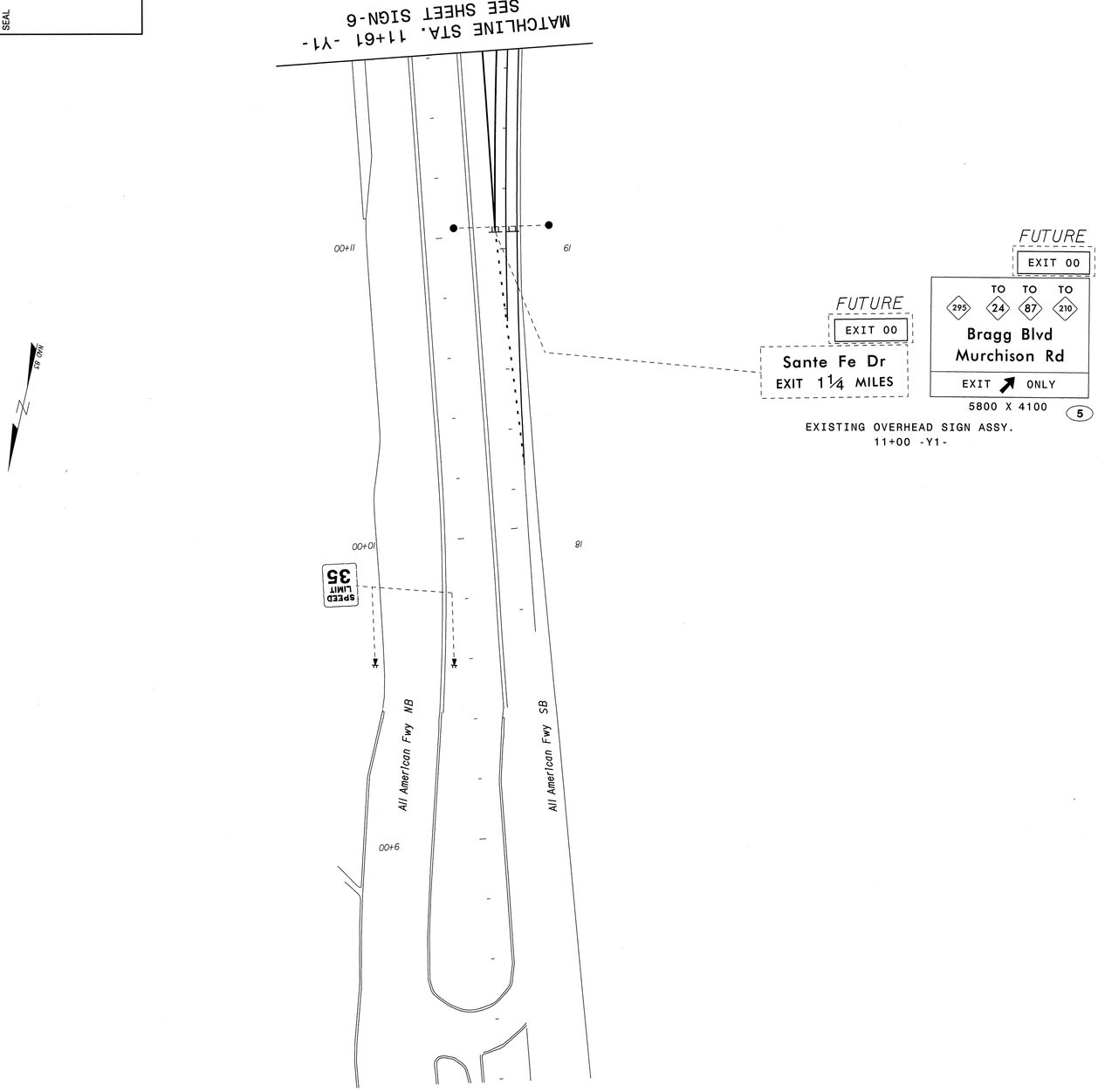
NOTE: THIS DRAWING IS DIMENSIONED IN MILLIMETERS UNLESS OTHERWISE DEPICTED WITHIN THE DRAWING.

MILEMARKER SIGNS

13-MAR-2014 09:23
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\X0002CC_Sgn_title.dgn
meaton AT TE27492


PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 26+37 -L- TO STA. 30+50 -L-
All American Fwy
NORTH
EXIT 21 B
FUTURE
MARKINGS UNDER U-2519CB
STA. 27+06+/- -COL2-
2700 X 1500
EXIT
21 A
201
5 SIGNS
413
RAMP
20
M.P.H.
411
STA. 27+15 -COL2-
7 SIGNS
413
402
STA. 18+00 -Y1-
MATCHLINE STA. 17+44 -Y1-
SEE SHEET SIGN-6
All American Fwy SB
All American Fwy NB
-Y1- ALL AMERICAN FREEWAY
Gruber Rd
EXIT 3/4 MILE
MATCHLINE STA. 23+36 -Y1-
SEE SHEET SIGN-7
Speed Zone
35 Mph
Begins
4000 Feet
ENTERING
FORT BRAGG
EXITS
21C
21B
FUTURE
3500 X 800
5000 X 800
EXIT 21 A
1A
ALL TRAFFIC EXIT
1B
All American Fwy
SOUTH
EXIT ONLY
1C
6800 X 2800
FUTURE
SOUTH
295
2400 X 3000
LANE
ENDS
1000 FT
2400 X 2700
PROPOSED OVERHEAD SIGN ASSY.
STA. 29+20 -COL2-
409
20
M.P.H.
410
STA. 29+80 -COL2-
MATCHLINE STA. 30+50 -L-
SEE SHEET SIGN-9
NORTH CAROLINA
PROFESSIONAL
SEAL
ENGINEER
AYMAN I. ALQUDWAH
SEAL
DATE: 3-18-14
APPROVED:
TIP NO.
X-0002CC
SHEET NO.
SIGN-4
METRIC

EXISTING AND PROPOSED SIGNS
ALL AMERICAN FREEWAY
STA. 7+00 -Y1- TO STA. 11+61 -Y1-



TIP NO. X-0002CC

SHEET NO. SIGN-5

APPROVED:

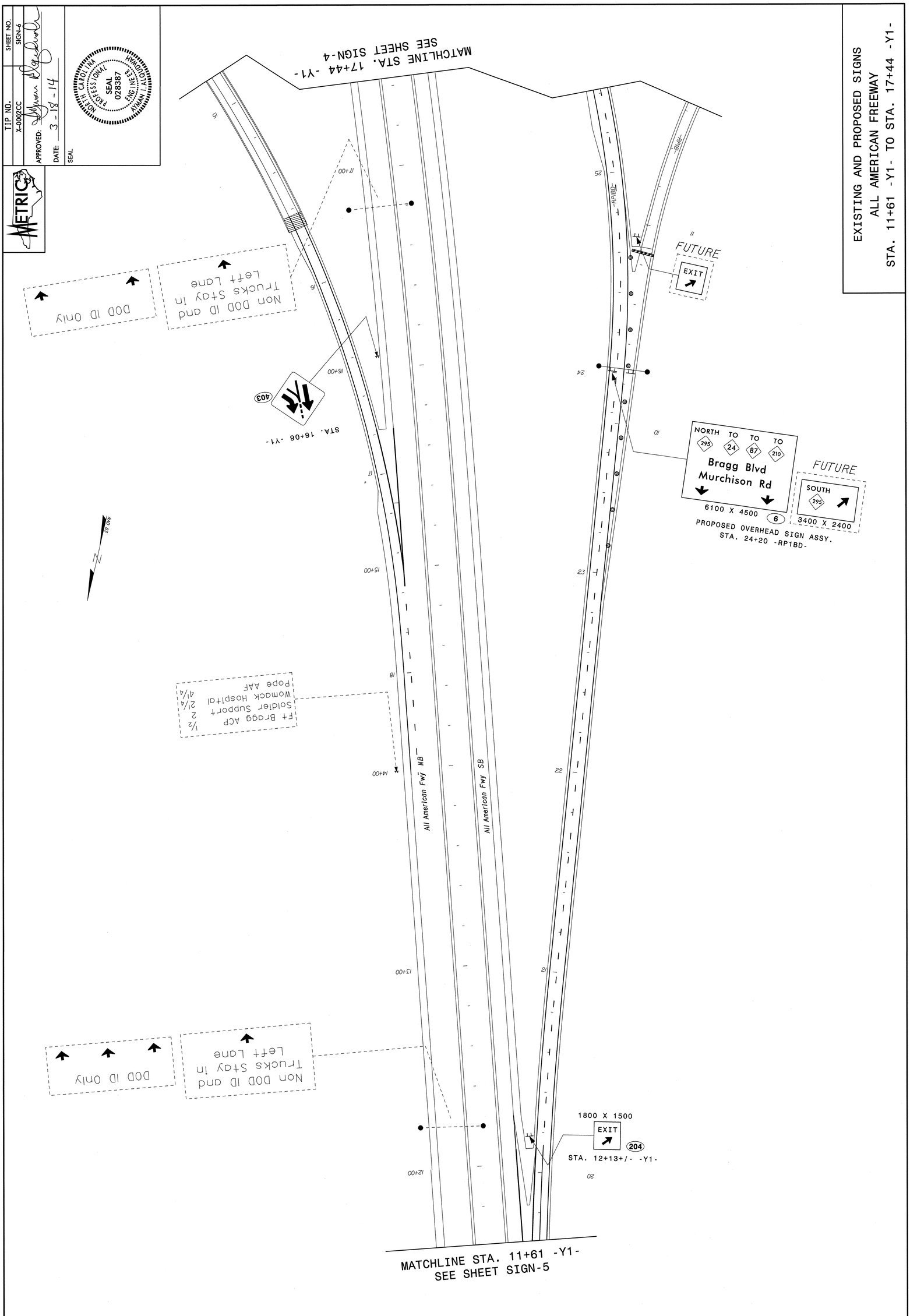
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDMAH

METRIC

13-MAR-2014 09:35
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh05.dgn
meaton AT TEZ74922


EXISTING AND PROPOSED SIGNS
ALL AMERICAN FREEWAY
STA. 11+61 -Y1- TO STA. 17+44 -Y1-
MATCHLINE STA. 17+44 -Y1-
SEE SHEET SIGN-4
MATCHLINE STA. 11+61 -Y1-
SEE SHEET SIGN-5
TIP NO. X-0002CC
SHEET NO. SIGN-6
APPROVED:
DATE: 3-18-14
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH
METRIC
DOD ID Only
Non DOD ID and Trucks Stay in Left Lane
403
STA. 16+06 -Y1-
Ft Bragg ACP 1/2
Soldier Support 2
Womack Hospital 2 1/4
Pope AAF 4 1/4
All American Fwy NB
All American Fwy SB
FUTURE
EXIT
NORTH 295 TO 24 TO 87 TO 210
Bragg Blvd
Murchison Rd
6100 X 4500
6
FUTURE
SOUTH 295
3400 X 2400
PROPOSED OVERHEAD SIGN ASSY.
STA. 24+20 -RP1BD-
1800 X 1500
EXIT
204
STA. 12+13+/- -Y1-
RP1BD
RP1BD
15
16
17
18
20
21
22
23
24
25
10
11
12+00
13+00
14+00
15+00
16+00
17+00

METRIC	TIP NO.	SHEET NO.
	X-0002CC	SIGN-7

APPROVED: Ayman Alquidwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUIDWAH

MATCHLINE STA. 23+36 -Y1-
SEE SHEET SIGN-4

-RPIDB-

-RPID-

-RPIC-

-Y1- ALL AMERICAN FREEWAY

1800 X 1500
EXIT 203
STA. 10+77 -RP1D-

FUTURE
SOUTH 295
4700 X 2400
PROPOSED OVERHEAD SIGN ASSY.
STA. 10+00 -RP1D-

NORTH 295 TO 24 TO 87 TO 210
Bragg Blvd
Murchison Rd
7200 X 3800
4

1800 X 1500
EXIT 202
STA. 26+25+/- -Y1-

FUTURE
EXIT 00

TO 24 TO 87 TO 210 TO 295
Bragg Blvd
Murchison Rd
EXIT ONLY
5800 X 4100
3

EXISTING OVERHEAD SIGN ASSY.
27+20 -Y1-

Fort Bragg Ahead
Prepare to Stop

SPEED LIMIT 55

Santa Fe Dr
¼ MILE
EXIT ONLY

MATCHLINE STA. 28+90 -Y1-
SEE SHEET SIGN-8

EXISTING AND PROPOSED SIGNS
ALL AMERICAN FREEWAY
STA. 23+36 -Y1- TO STA. 28+90 -Y1-

13-MAR-2014 09:39
P:\TIPP-ou\41422\XXXXXXXX\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh07.dgn
mstorr

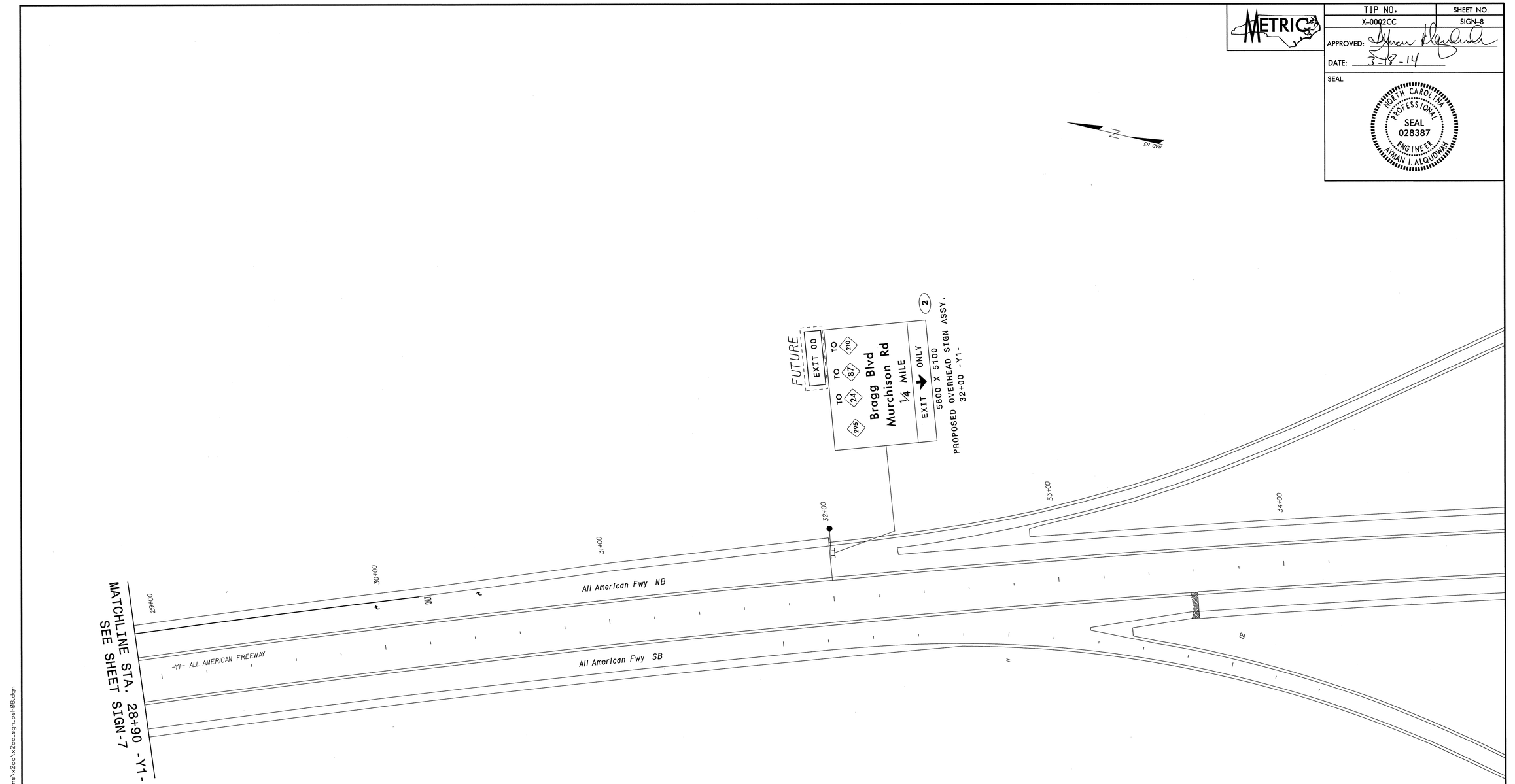
METRIC	TIP NO.	SHEET NO.
	X-0002CC	SIGN-8

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

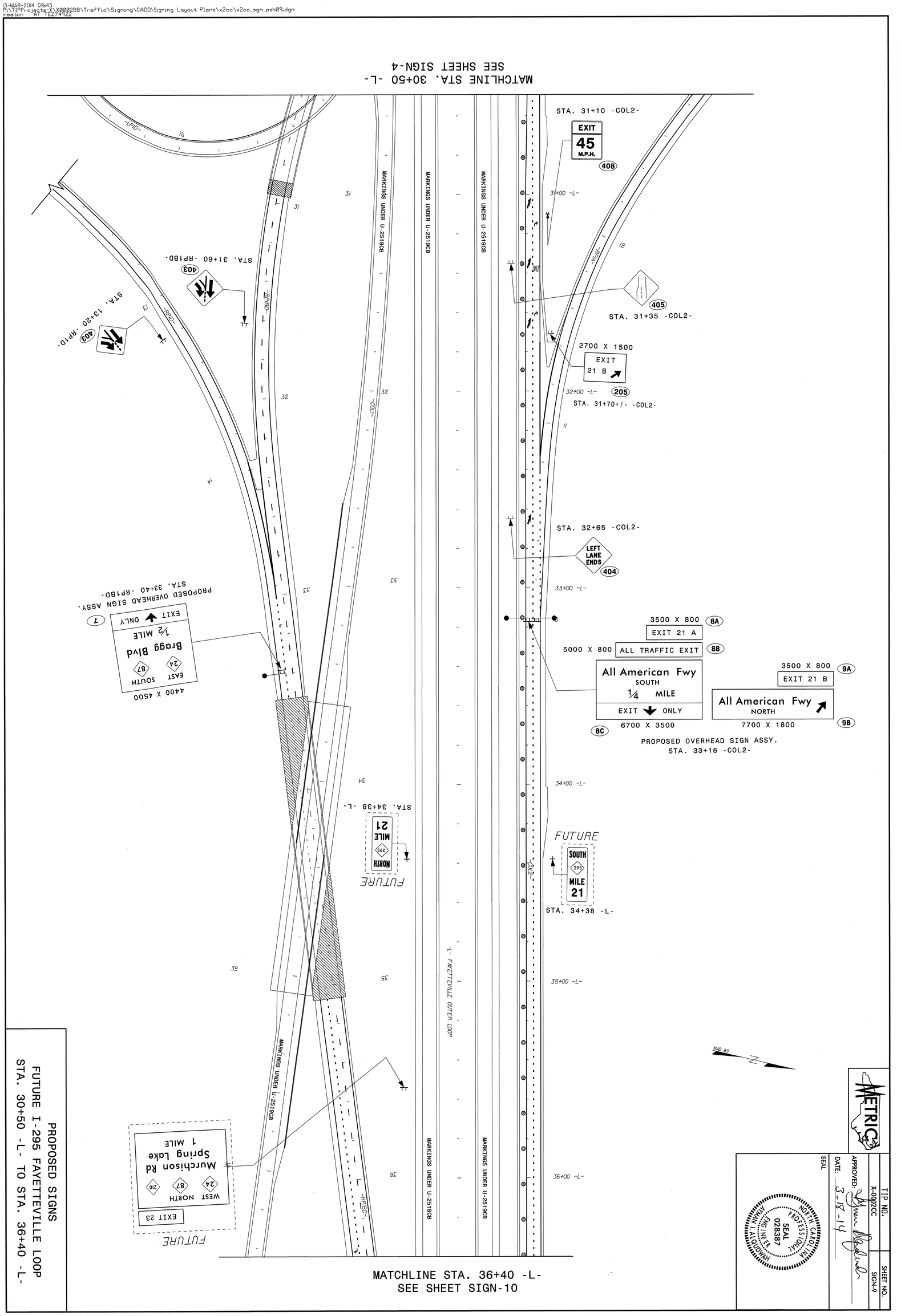
NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



EXISTING AND PROPOSED SIGNS
ALL AMERICAN FREEWAY
STA. 28+90 -Y1- TO STA. 34+20 -Y1-

13-MAR-2014 09:42
R:\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh08.dgn

13-MAR-2014 09:43
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh09.dgn
meaton AT TE274922



PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 30+50 -L- TO STA. 36+40 -L-

METRIC

TIP NO. X-0002CC	SHEET NO. SIGN-9
APPROVED:	
DATE: 3-18-14	
SEAL	

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER HYMAN I. ALQUDWAH

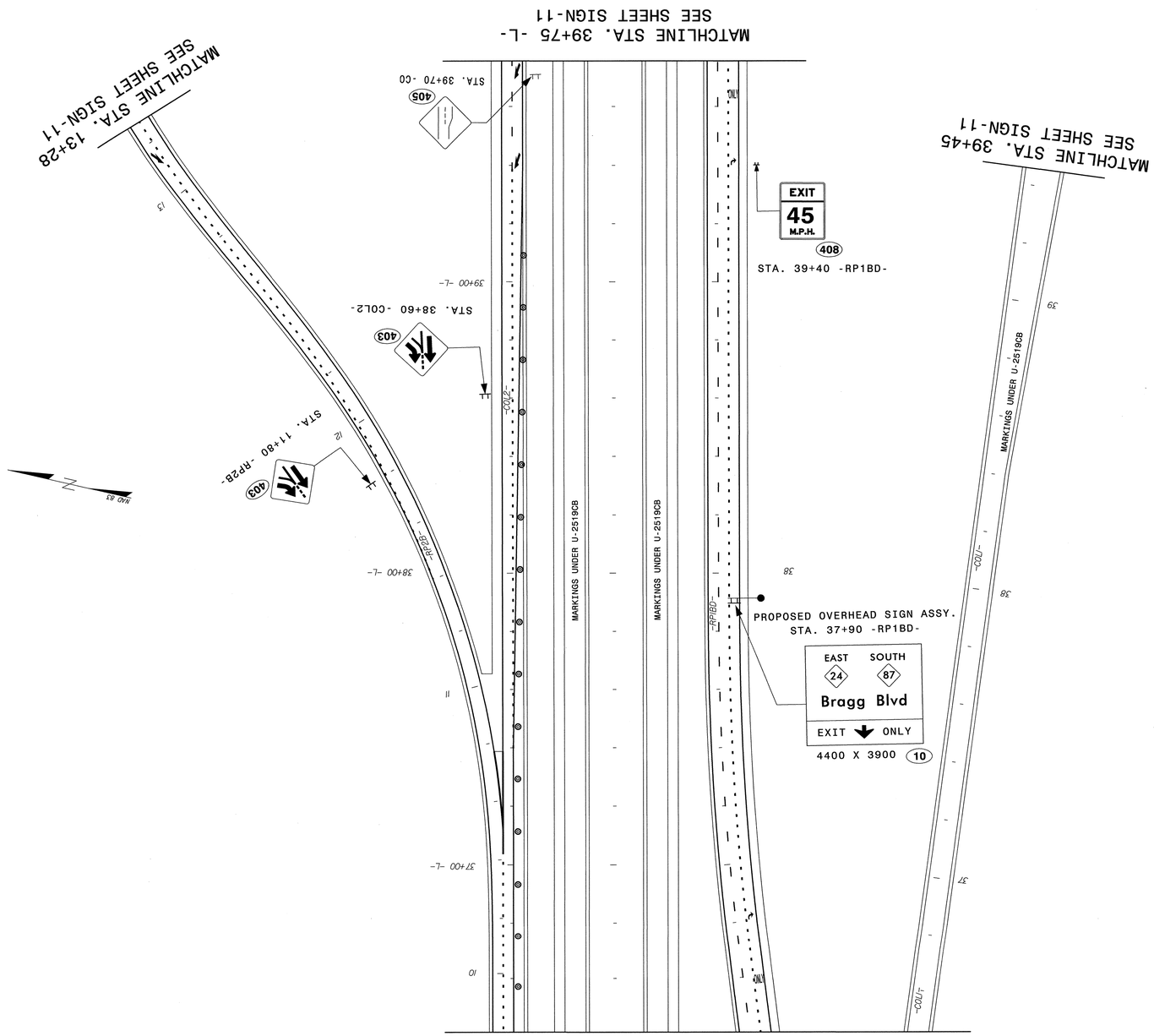
TIP NO.	SHEET NO.
X-0002CC	SIGN-10

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 36+40 -L- TO STA. 39+75 -L-

13-MAR-2014 09:44
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh10.dgn
meaton AT TE274422

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)

TIP NO.	SHEET NO.
X-0002CC	SIGN-11

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

MATCHLINE STA. 43+40 -L-
SEE SHEET SIGN-14

EXISTING OVERHEAD SIGN ASSY.
STA. 41+02 -COL2-

6700 X 2400 (188)
All American Fwy
ALL TRAFFIC EXIT
EXITS 21 B-A (801)
4300 X 800 (184)
Bragg Blvd
EAST 24 SOUTH 87
ALL TRAFFIC EXIT (801)
EXIT 21 C
SEE NOTE 1

PROPOSED OVERHEAD SIGN ASSY.
STA. 12+04 -LP2D-

5400 X 2100 (14)
Fort Bragg
Trucks

5300 X 4100 (13)
Bragg Blvd
EAST 24 SOUTH 87

STA. 12+60 -RP2D- (405)

LEFT LANE ENDS (404)
STA. 13+60 -RP2D-

12 SIGNS (413)

1800 X 1500
EXIT (206)
STA. 42+20+/-
-RP1BD-

RAMP 15 M.P.H. (412)
STA. 42+00
-RP1BD-

TO All American Fwy
NEXT LEFT
7400 X 2900 (15)
EXISTING OVERHEAD SIGN ASSY.
SOUTH 295

FUTURE OVERLAY

MARKINGS UNDER U-2519CB

EXIT 45 M.P.H.

20 M.P.H.

FUTURE
SOUTH 295

SPEED LIMIT 45

FUTURE OVERLAY
Fort Bragg Trucks
TO All American Fwy
SOUTH 295 (16)
7400 X 3500
EXISTING OVERHEAD SIGN ASSY.

MATCHLINE STA. 13+60 -Y2-
SEE SHEET SIGN-12

2 SIGNS
WRONG WAY

-Y2- BRAGG BLVD.

BRAGG BLVD.WB

BRAGG BLVD. EB

-L- FAYETTEVILLE OUTER LOOP

MATCHLINE STA. 19+60 -Y2-
SEE SHEET SIGN-13

2 SIGNS
WRONG WAY

RIGHT LANE ENDS (406)
STA. 14+60 -RP2B-

EXISTING OVERHEAD SIGN ASSY.
NEXT LEFT
NORTH 295 WEST 24 NORTH 87 (702)

STA. 40+77 -L-
LEFT LANE ENDS (404)

STA. 40+88
-RP1BD- (409)
15 M.P.H. (414)

NORTH 295 WEST 24 NORTH 87 (503)

RAMP 20 M.P.H.

NORTH 295 WEST 24 NORTH 87 210
Murchison Rd
Spring Lake
7200 X 4500 (11)

EAST 24 SOUTH 87
Bragg Blvd
EXIT ONLY
5600 X 3900 (12)

PROPOSED OVERHEAD SIGN ASSY.
STA. 42+15 -RP1BD-

EXIT 21 C

Fort Bragg Trucks

Fort Bragg Trucks
EAST 24 SOUTH 87
Bragg Blvd
STA. 13+80 -RP2B- (407)

MATCHLINE STA. 13+28
SEE SHEET SIGN-10

MATCHLINE STA. 39+75 -L-
SEE SHEET SIGN-10

NORTH 295 WEST 24 NORTH 87 (703)
EXISTING OVERHEAD SIGN ASSY.

EAST 24 SOUTH 87

LANE ENDS 1100 FT

MARKINGS UNDER U-2519CB

FUTURE
Fort Bragg Trucks
EAST 24 SOUTH 87
Bragg Blvd
PROPOSED OVERHEAD SIGN ASSY.
STA. 40+00 -COL1-

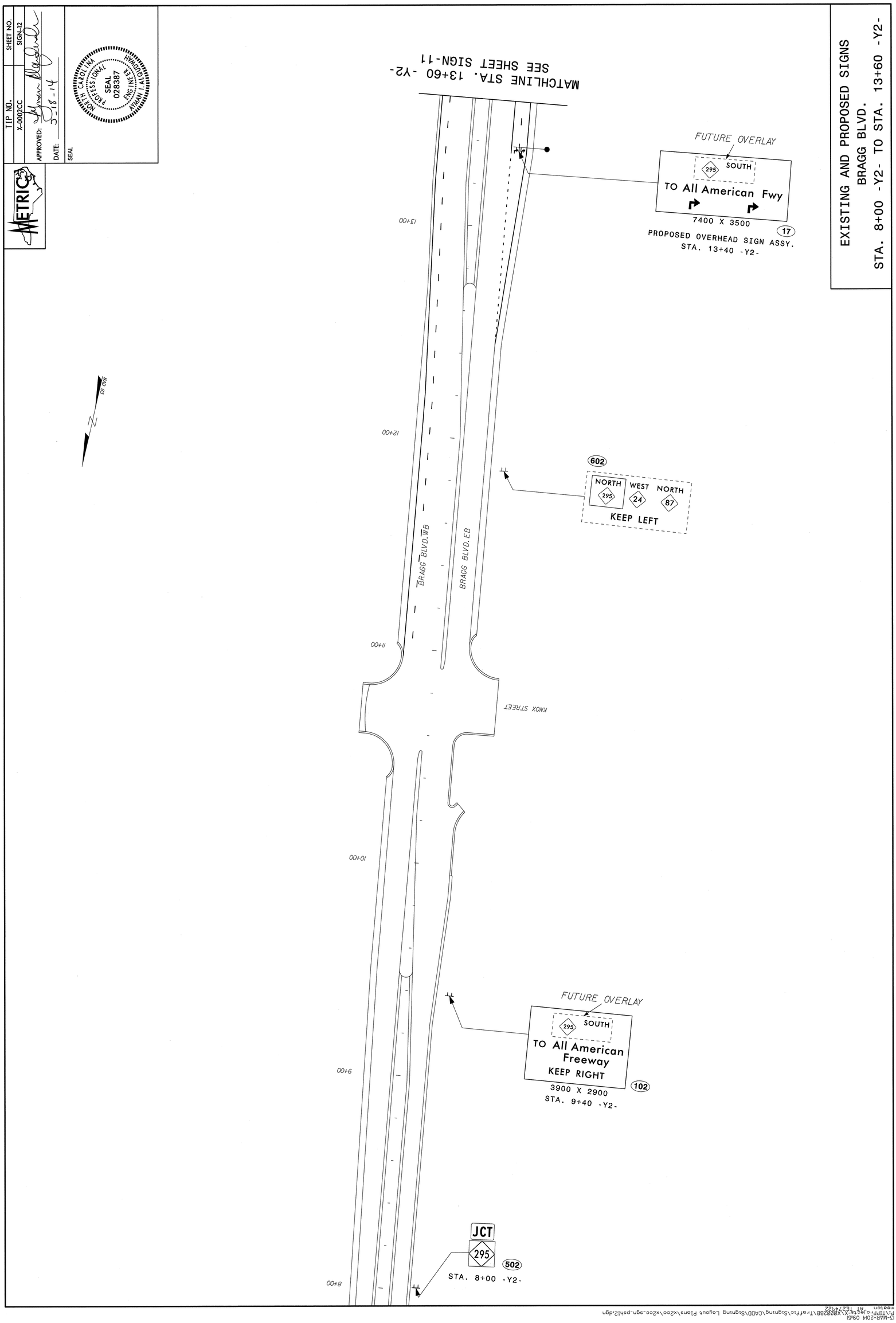
SPEED LIMIT 45

MATCHLINE STA. 39+45
SEE SHEET SIGN-10

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 39+75 -L- TO STA. 43+40 -L-

J:\WAR-2014 09\46_X0002CC\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_pshl1.dgn
mstorch 3/14/2014 2:24:48 PM

EXISTING AND PROPOSED SIGNS
BRAGG BLVD.
STA. 8+00 -Y2- TO STA. 13+60 -Y2-



TIP NO. X-0002CC
SHEET NO. SIGN-12
APPROVED:
DATE: 5-18-14
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH
METRIC

13-MAR-2014 09:51
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh12.dgn
meeton AT TEZ74422

TIP NO. X-0002CC

SHEET NO. SIGN-13

APPROVED: [signature]

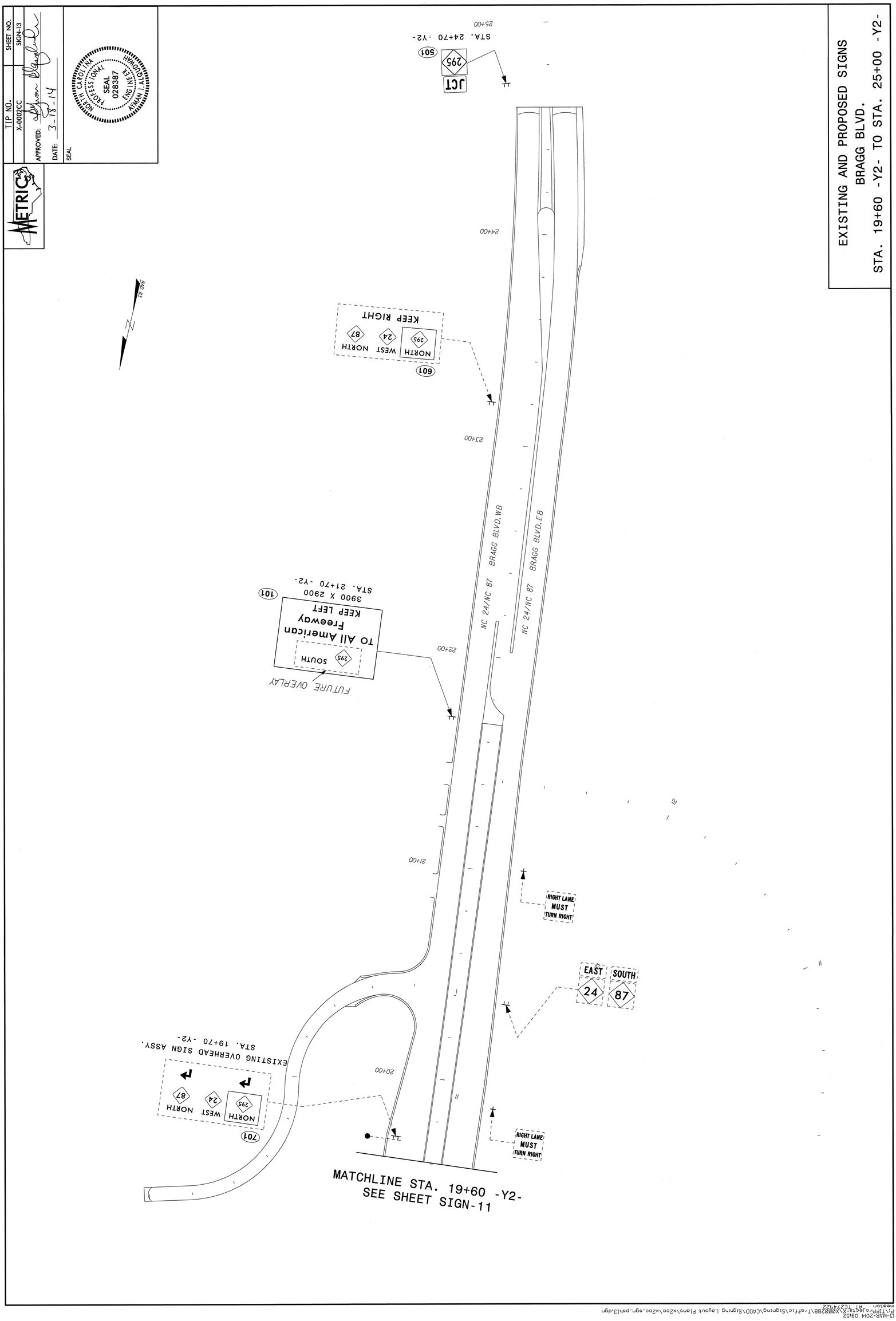
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

EXISTING AND PROPOSED SIGNS
BRAGG BLVD.
STA. 19+60 -Y2- TO STA. 25+00 -Y2-



13-MAR-2014 09:52
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh13.dgn
meaton AT TEZ74922

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 43+40 -L- TO STA. 49+00 -L-

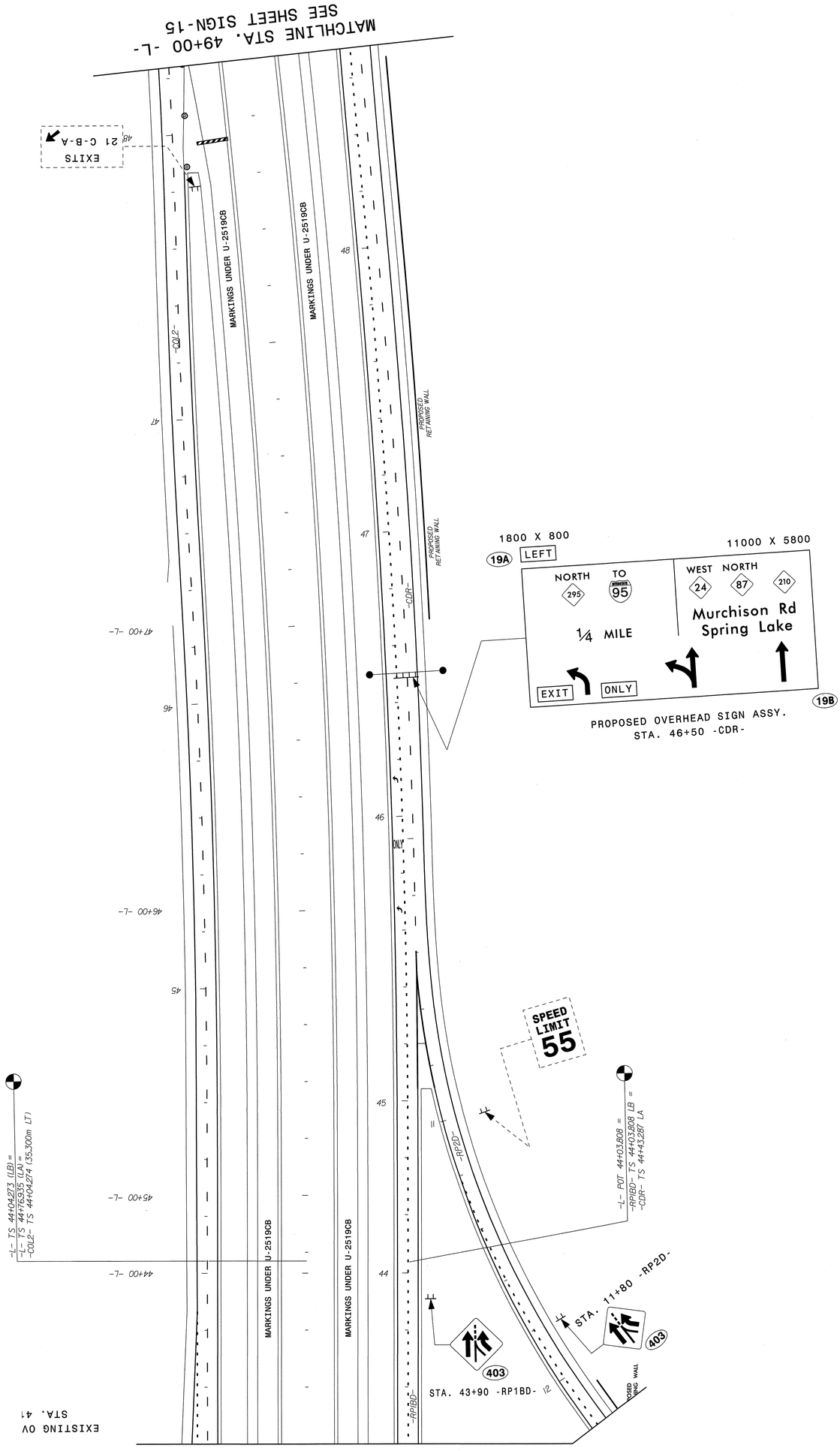
TIP NO.	SHEET NO.
X-0002CC	SIGN-14

APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALOUDWAH



MATCHLINE STA. 43+40 -L-
SEE SHEET SIGN-11

13-MAR-2014 09:56
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh14.dgn
meaton AT TEZ74922

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
4. DISPOSAL OF SIGN, A OR B (OVERHEAD)

TIP NO.	SHEET NO.
X-0002CC	SIGN-15

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

MATCHLINE STA. 49+00 -L-
SEE SHEET SIGN-14

MATCHLINE STA. 54+00 -L-
SEE SHEET SIGN-16

MATCHLINE STA. 12+40 -RPC-
SEE SHEET SIGN-16

EXITS 21 C-B-A
ALL TRAFFIC EXIT
EAST SOUTH 87 24
Bragg Blvd
All American Fwy
EXIT ONLY
704

EXISTING OVERHEAD SIGN ASSY.
STA. 51+53 -L-

FUTURE
SOUTH 295

SEE NOTE 5

-L- 50+00

STA. 51+20 -L-
SOUTH 295
MILE 22

LEFT LANE ENDS

SEE NOTE 5

405
STA. 53+70 -L-

MARKINGS UNDER U-2519CB

-COL2-

-L-

-L- FAYETTEVILLE OUTER LOOP

MARKINGS UNDER U-2519CB

MARKINGS UNDER U-2519CB

-CDR-

-CDR- 50+00

FUTURE
NORTH 295
MILE 22

FUTURE
EXIT 23

FUTURE
Fayetteville State University
Simmons A A F
EXIT 23

Fayetteville State University
Simmons A A F
NEXT RIGHT
STA. 49+62 -CDR-
103

5600 X 2600

FUTURE
WEST NORTH 24 87 210
Murchison Rd
Spring Lake
EXIT 23

-CDR-

-RPCDR-

SEE NOTE 3

EXIT

1800 X 1500

207

FUTURE
EXIT
ONLY

PROPOSED OVERHEAD SIGN ASSY.
STA. 51+15 -CDR-

204 LEFT

1800 X 800

NORTH 295
TO 95

WEST NORTH 24 87 210
Murchison Rd
Spring Lake

208

11000 X 5800

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 49+00 -L- TO STA. 54+00 -L-

13-MAR-2014 09:58
P:\TIPP-Out\X-0002CC\X0002CC\BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_pshl5.dgn
mmccrary

TIP NO.	SHEET NO.
X-0002CC	SIGN-16

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 028387 AYMAN I ALQUDWAH

MATCHLINE STA. 54+00 -L- SEE SHEET SIGN-15

MATCHLINE STA. 12+40 -RPC- SEE SHEET SIGN-15

MATCHLINE STA. 58+60 -L- SEE SHEET SIGN-17

MATCHLINE 17+00 -FLYOVER- SEE SHEET SIGN-17

EXITS 21 C-B-A

ALL TRAFFIC EXIT

EAST SOUTH 87 24

Bragg Blvd All American Fwy 1/4 MILE

(705) EXIT ONLY

EXISTING OVERHEAD SIGN ASSY. STA. 55+48 -L-

2800 X 1700

Fort Bragg Trucks EXIT 21 C

(104)

STA. 57+00 -L-

LEFT LANE ENDS (404)

STA. 55+00 -L-

-L- 55+00

-L-

MARKINGS UNDER U-2519CB

-FLYOVER-

MARKINGS UNDER U-2519CB

-FLYOVER-

-CDR- 55+00

-CDR-

-RPCDR-

-FLYOVER- 15+00

-FLYOVER-

8-77

8-77

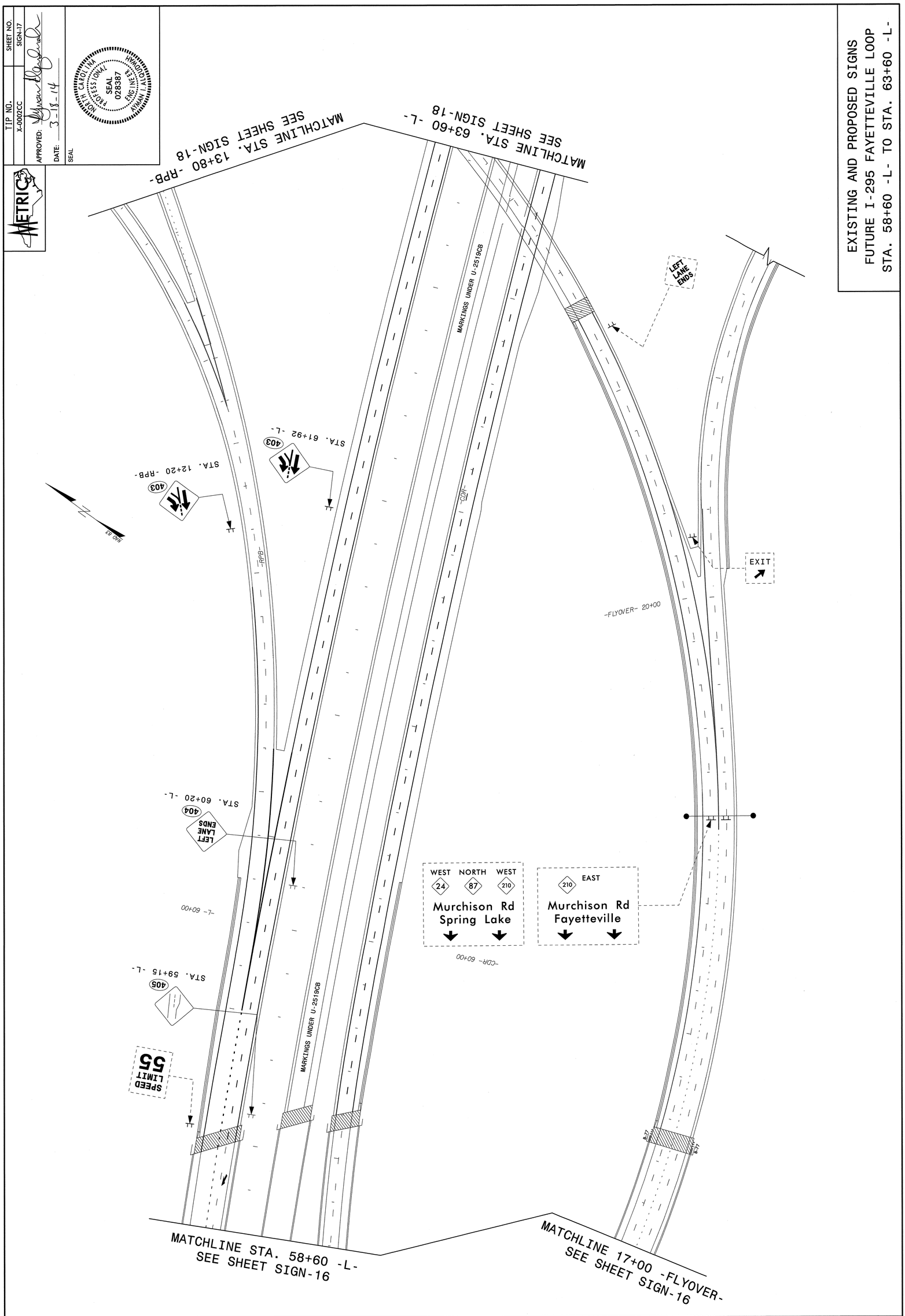
Fayetteville State Univ RIGHT 2 LANES

Simmons A A F LEFT 2 LANES

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 54+00 -L- TO STA. 58+60 -L-

13-MAR-2014 10:08
M:\TIP\Projects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2co\x2co_sgn_psht6.dgn
mdot_pw1\ayman.alqudwah

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 58+60 -L- TO STA. 63+60 -L-



TIP NO. X-0002CC
SHEET NO. SIGN-17
APPROVED: [signature]
DATE: 3-18-14
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH
METRIC

13-MAR-2014 10:10
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh17.dgn
meeton AT TEZ74922

TIP NO.	SHEET NO.
X-0002CC	SIGN-18

APPROVED: [signature]

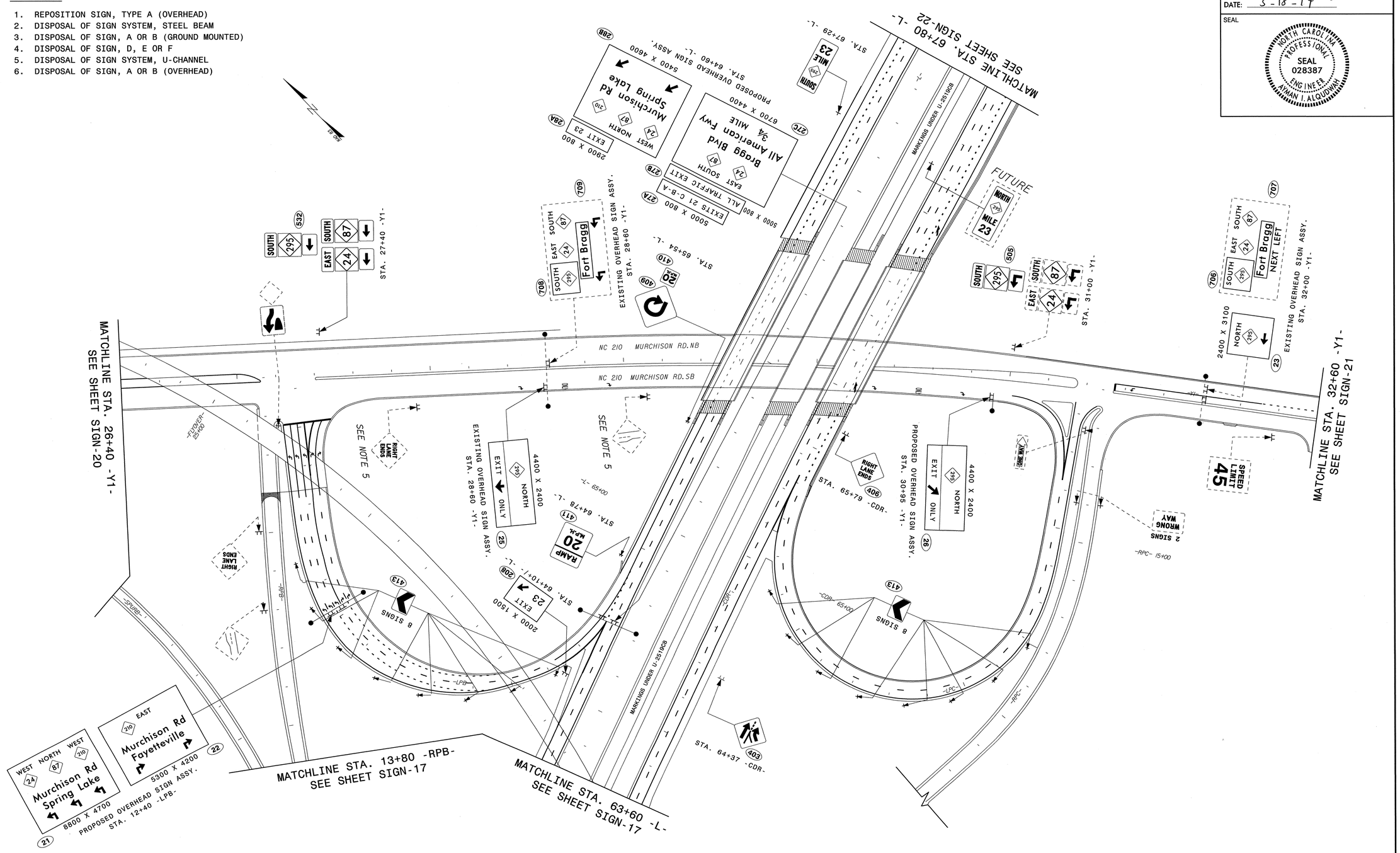
DATE: 3-18-14

SEAL

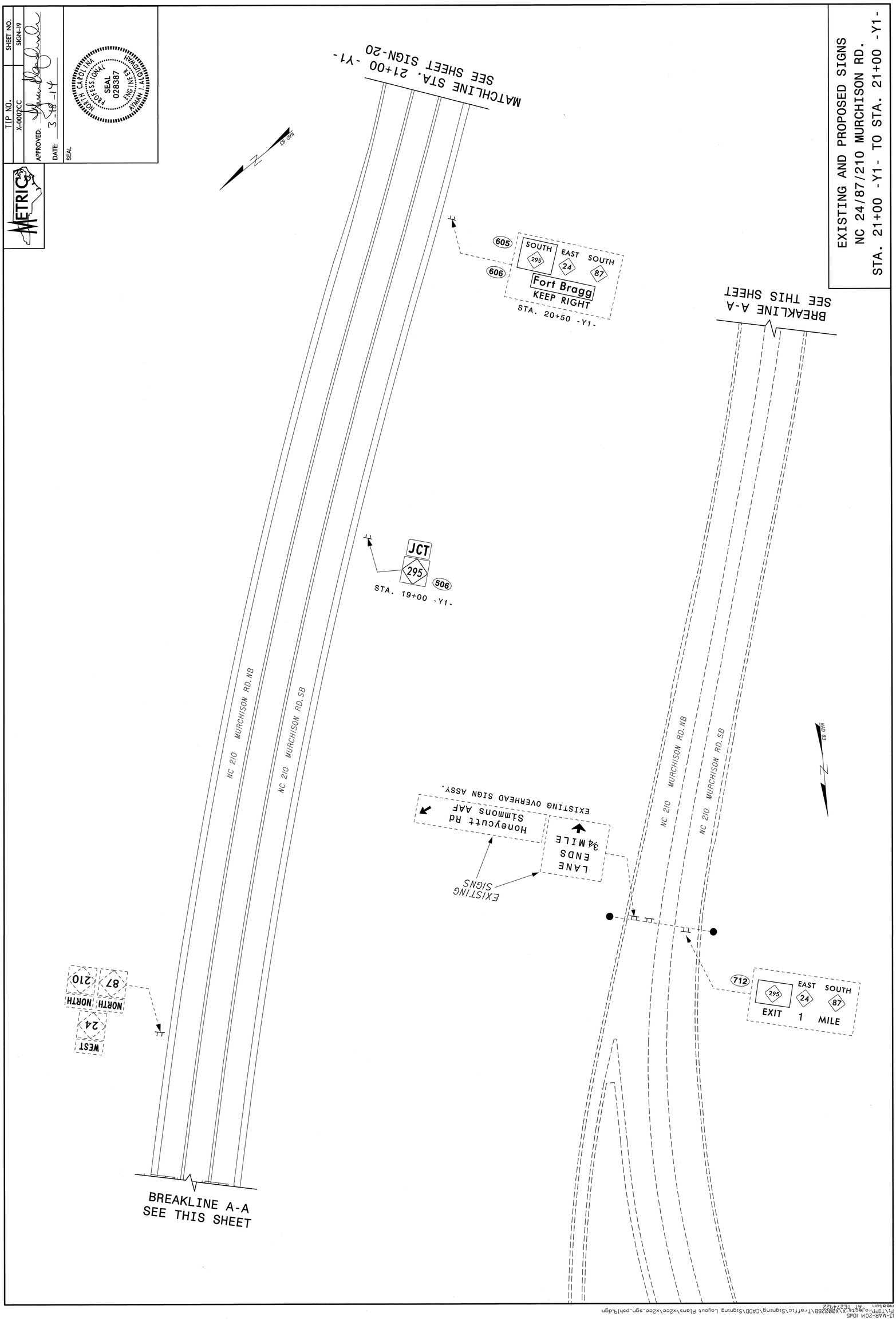
NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NOTES

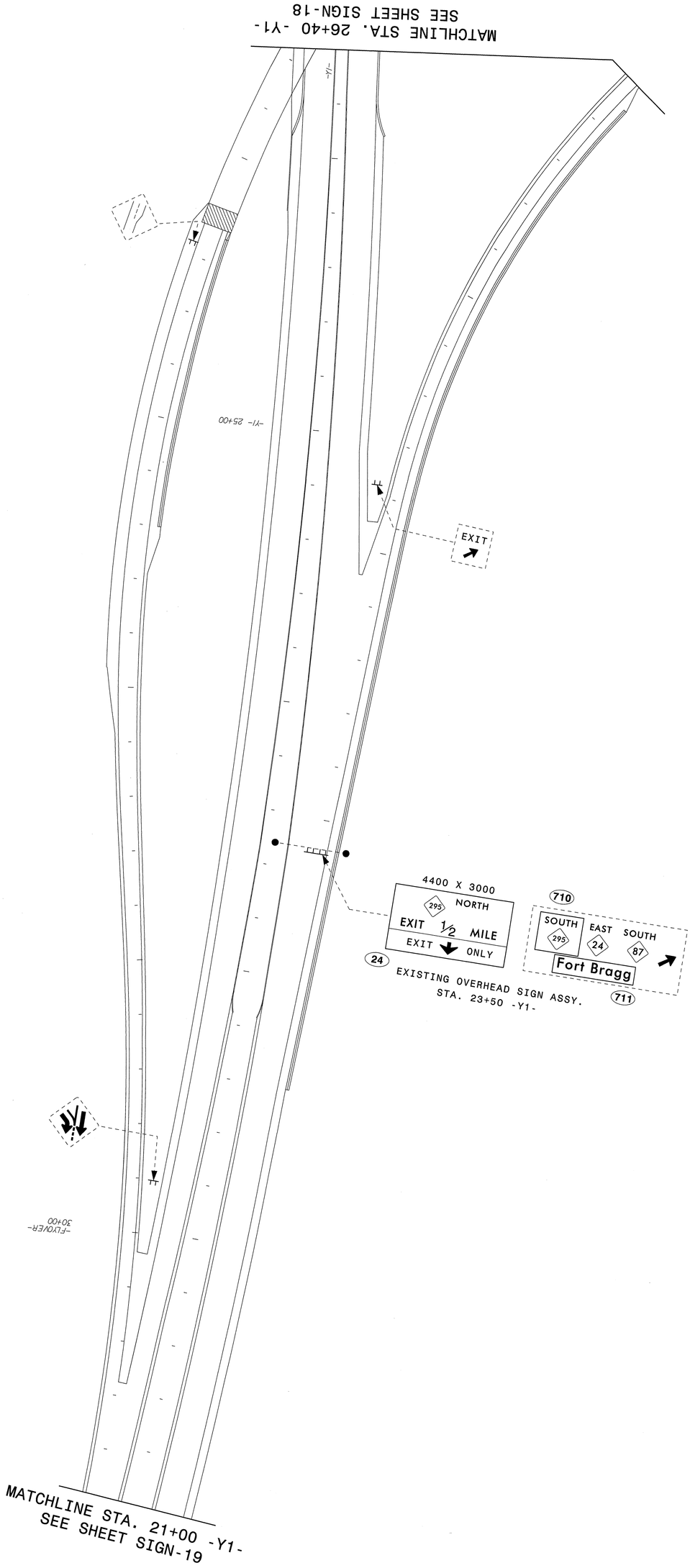
1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)



EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 63+60 -L- TO STA. 67+80 -L-


EXISTING AND PROPOSED SIGNS
NC 24/87/210 MURCHISON RD.
STA. 21+00 -Y1- TO STA. 21+00 -Y1-
MATCHLINE STA. 21+00 -Y1-
SEE SHEET SIGN-20
BREAKLINE A-A
SEE THIS SHEET
605
SOUTH
295
EAST
24
SOUTH
87
606
Fort Bragg
KEEP RIGHT
STA. 20+50 -Y1-
JCT
295
506
STA. 19+00 -Y1-
NC 210 MURCHISON RD.NB
NC 210 MURCHISON RD.SB
EXISTING OVERHEAD SIGN ASSY.
Honeycutt Rd
Simmons AAF
LANE
ENDS
3/4 MILE
EXISTING
SIGNS
712
295
EAST
24
SOUTH
87
EXIT 1 MILE
WEST
24
NORTH
87
210
NORTH
NORTH
METRIC
TIP NO.
X-0002CC
SHEET NO.
SIGN-19
APPROVED:
DATE: 3-18-14
SEAL
NORTH CAROLINA
PROFESSIONAL
SEAL
028387
ENGINEER
AYMAN I. ALQUDWAH

EXISTING AND PROPOSED SIGNS
NC 24/87/210 MURCHISON RD.
STA. 21+00 -Y1- TO STA. 26+40 -Y1-



TIP NO. X-0002CC
SHEET NO. SIGN-20
APPROVED: [signature]
DATE: 3-18-14
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH
METRIC

13-MAR-2014 11:12
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh20.dgn
meaton AT TE274922

TIP NO. X-0002CC

SHEET NO. SIGN-21

APPROVED: [signature]

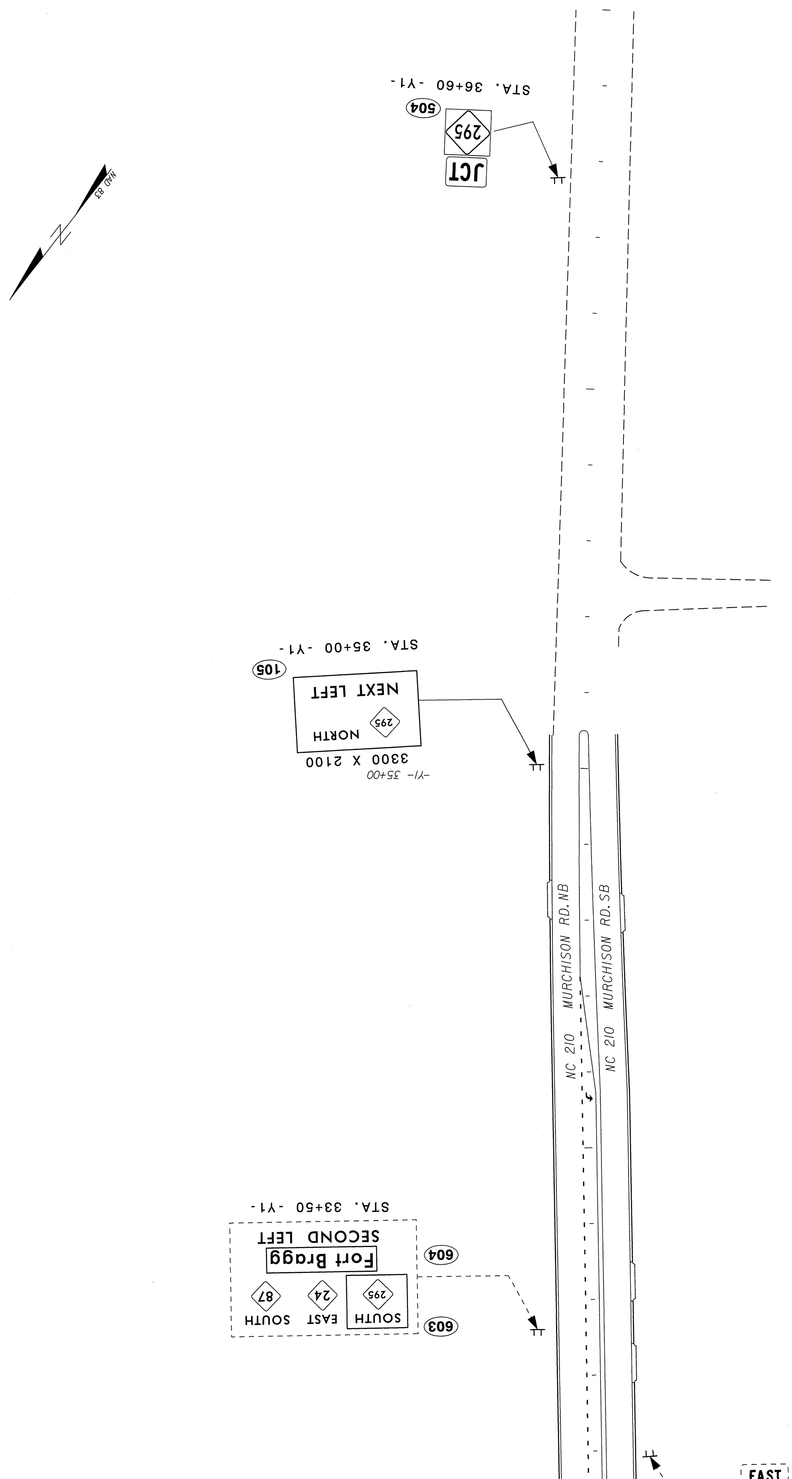
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

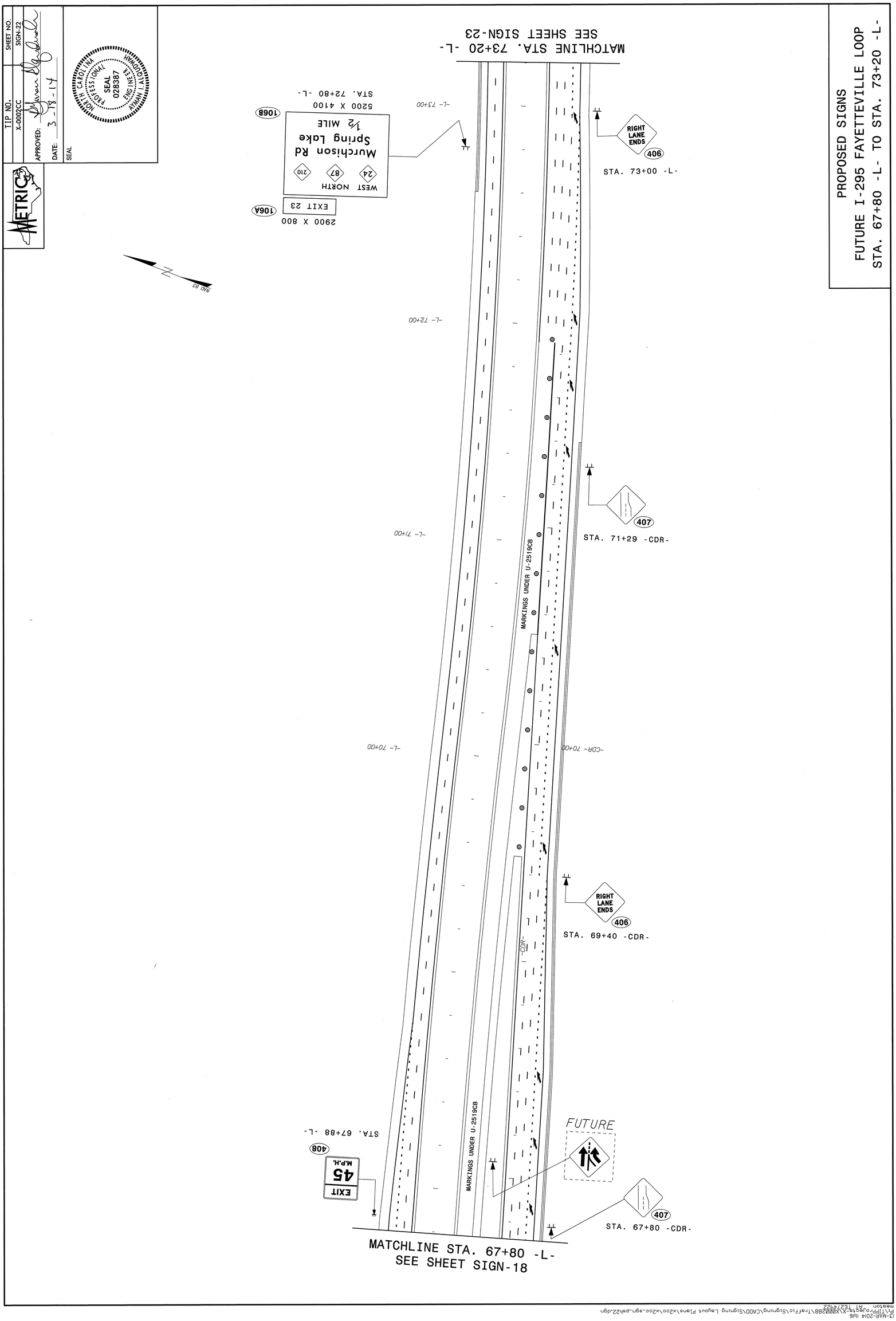
METRIC

EXISTING AND PROPOSED SIGNS
NC 24/87/210 MURCHISON RD.
STA. 32+60 -Y1- TO STA. 37+00 -Y1-



MATCHLINE STA. 32+60 -Y1-
SEE SHEET SIGN-18

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 67+80 -L- TO STA. 73+20 -L-



TIP NO. X-0002CC
SHEET NO. SIGN-22
APPROVED: [signature]
DATE: 3-18-14
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDIMAH
METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-23

APPROVED: [signature]

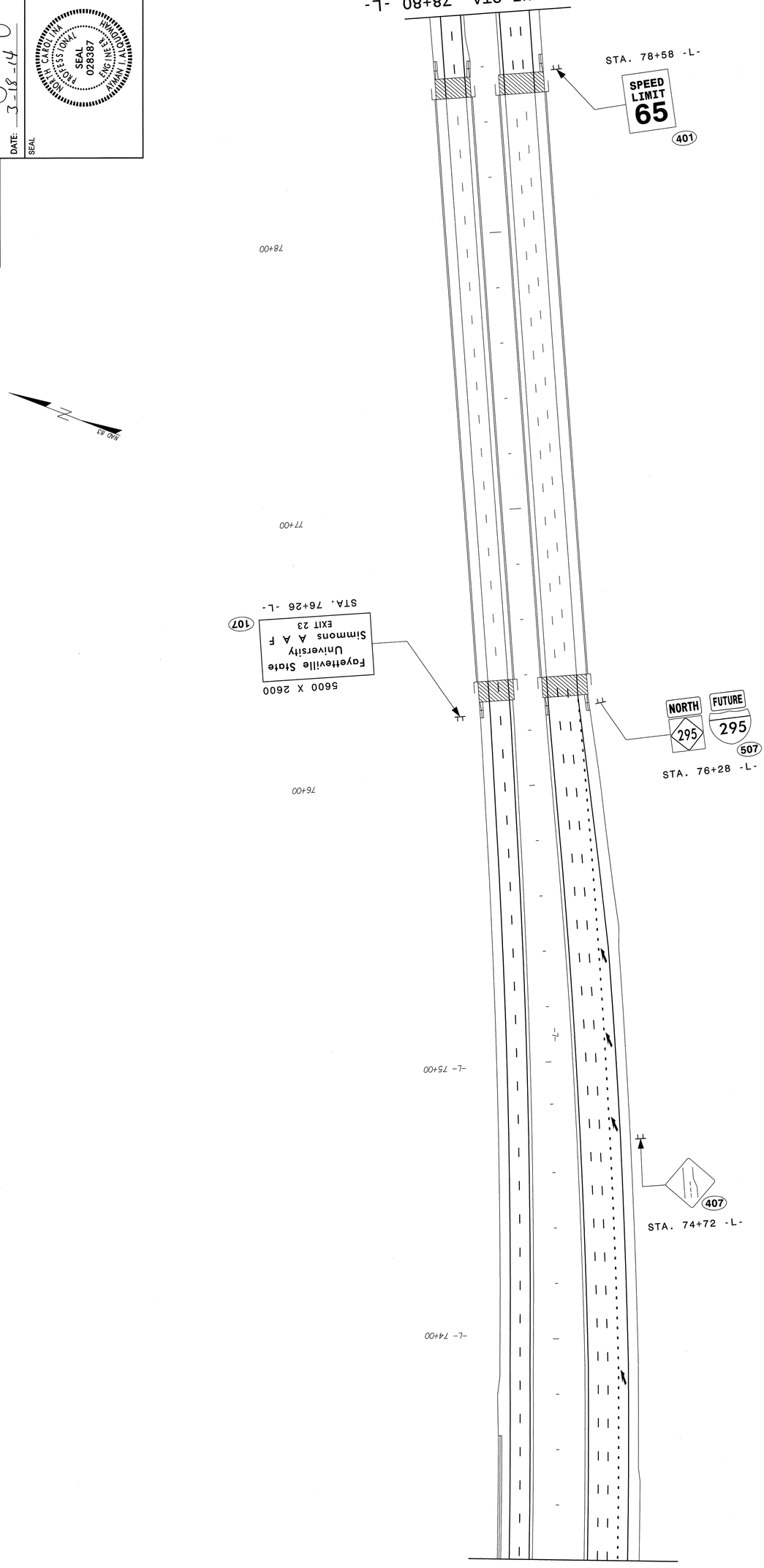
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 73+20 -L- TO STA. 78+80 -L-



13-MAR-2014 11:18
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh23.dgn
meaton AT TE274922

TIP NO. X-0002CC

SHEET NO. SIGN-24

APPROVED: [signature]

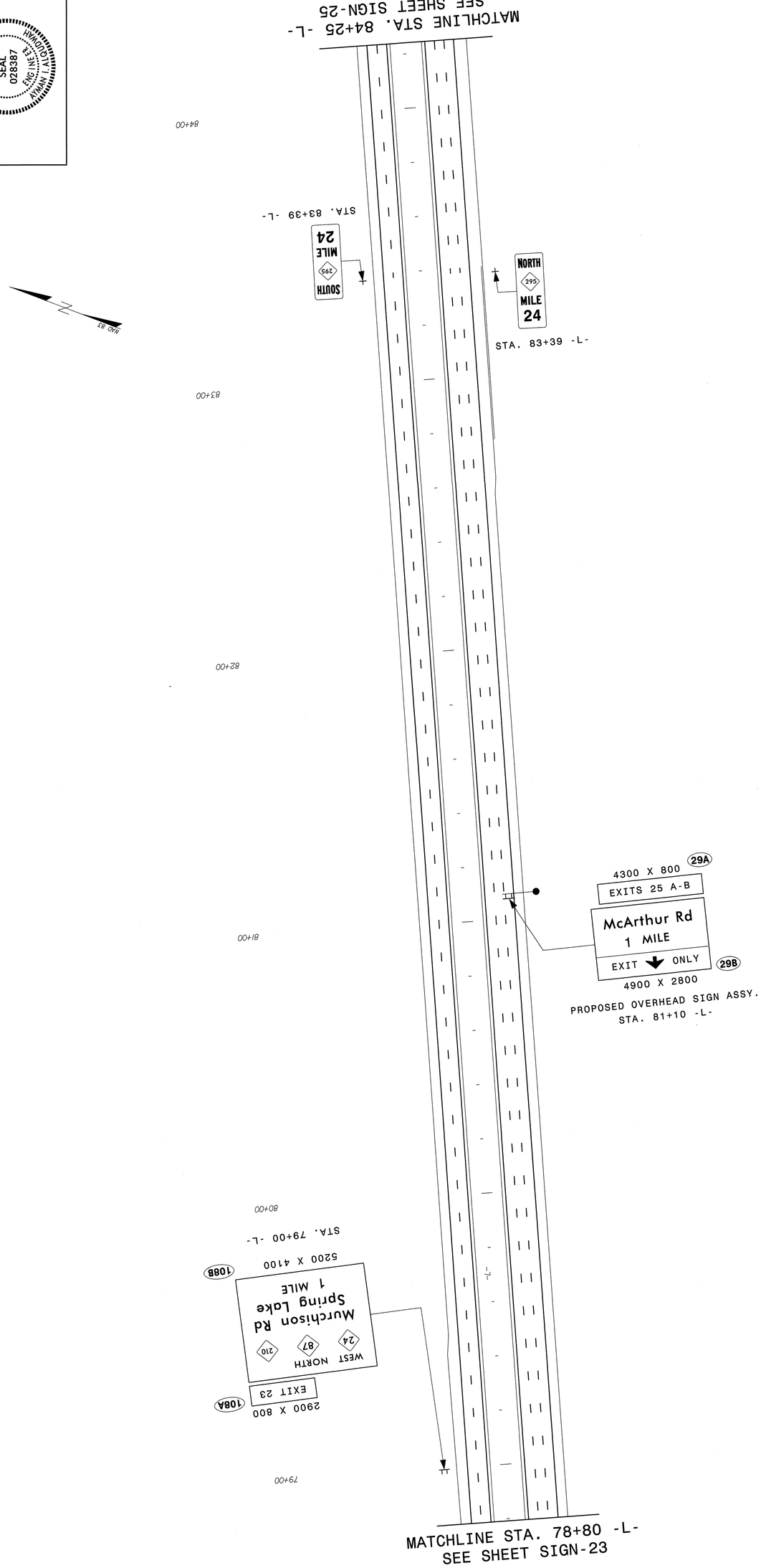
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 78+80 -L- TO STA. 84+25 -L-



13-MAR-2014 11:21
P:\TIPProjects_X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh24.dgn
meaton AT TE274422

TIP NO.	SHEET NO.
X-0002CC	SIGN-25

APPROVED: [signature]

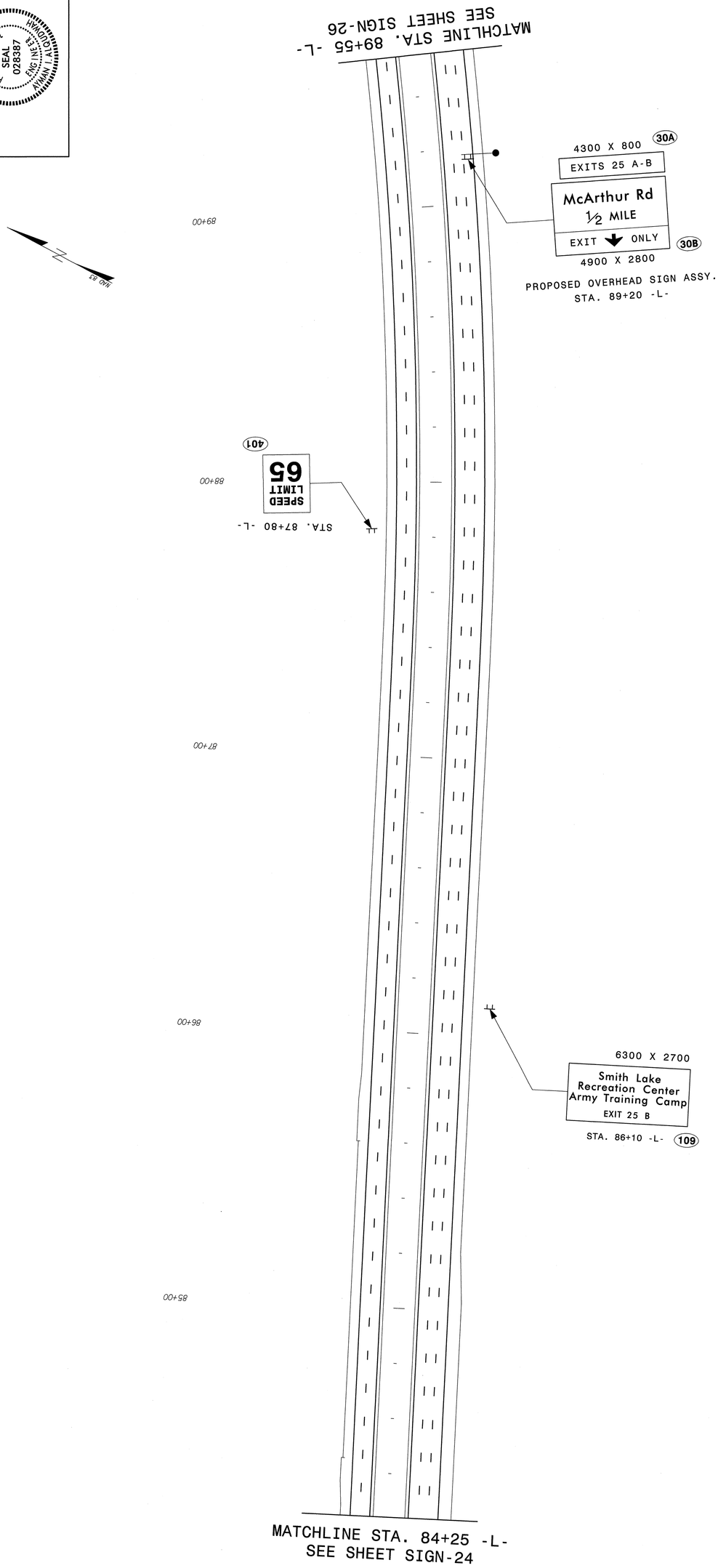
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 84+25 -L- TO STA. 89+55 -L-



13-MAR-2014 11:23
P:\TIPProjects\X\X000288\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh25.dgn
meaton AT TEL274922

TIP NO. X-0002CC

SHEET NO. SIGN-26

APPROVED: [signature]

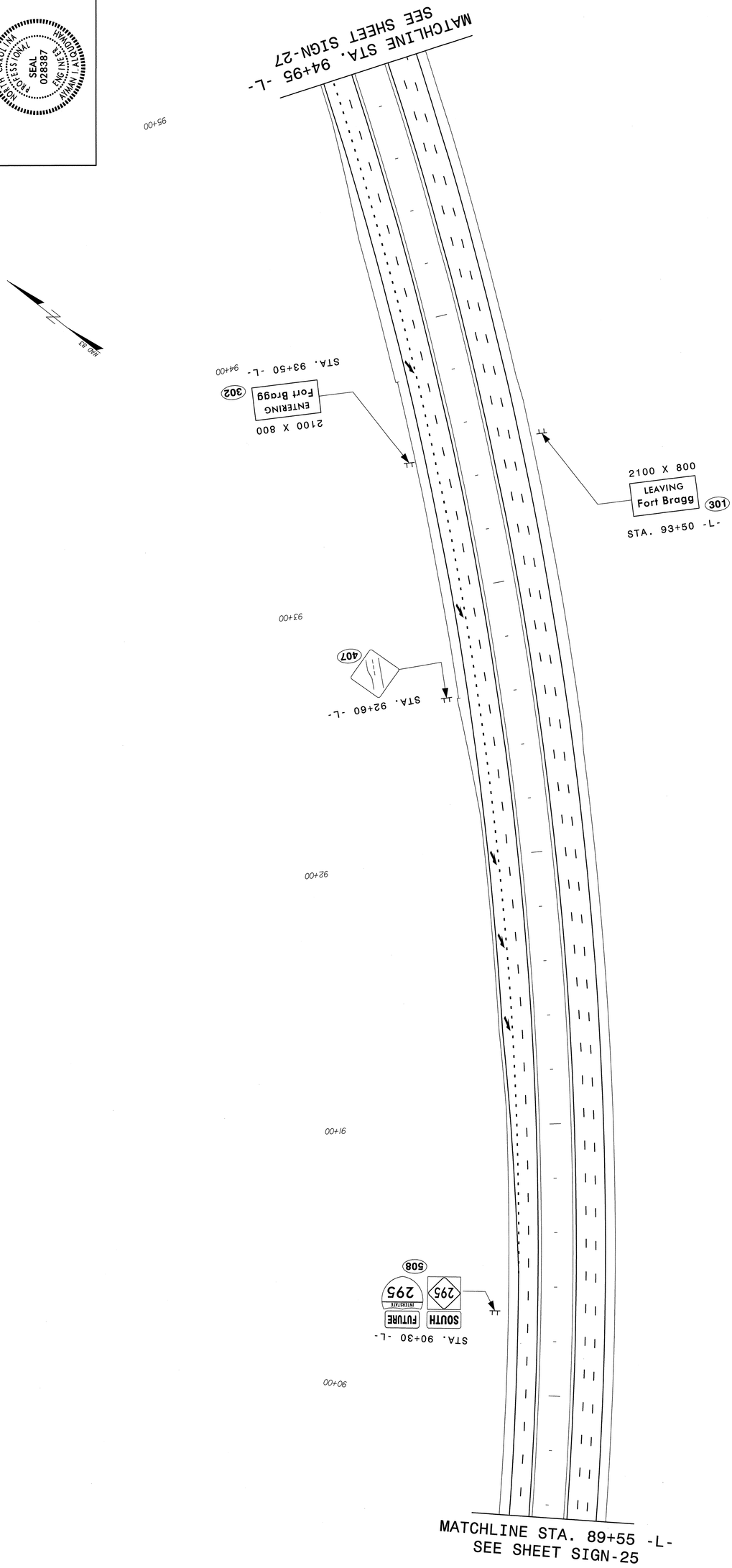
DATE: 3-18-14

SEAL

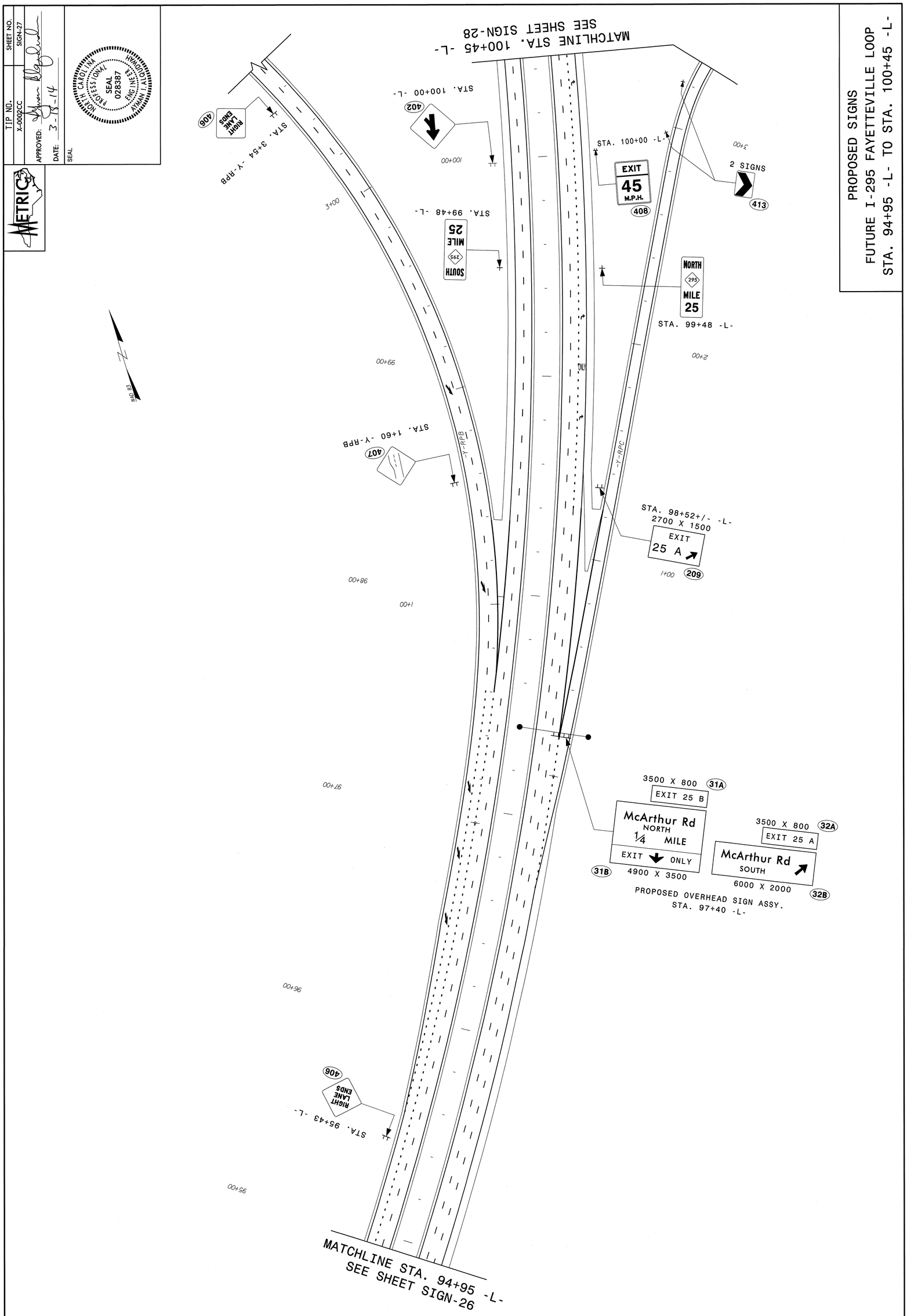
NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 89+55 -L- TO STA. 94+95 -L-



13-MAR-2014 11:25
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh26.dgn
meaton AT TE274922


PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 94+95 -L- TO STA. 100+45 -L-
MATCHLINE STA. 100+45 -L-
SEE SHEET SIGN-28
STA. 100+00 -L-
402
STA. 3+54 -Y-RPB
406
RIGHT LANE ENDS
STA. 100+00 -L-
EXIT
45
M.P.H.
408
2 SIGNS
413
STA. 99+48 -L-
SOUTH
295
MILE
25
NORTH
295
MILE
25
STA. 99+48 -L-
STA. 1+60 -Y-RPB
407
-Y-RPB
-Y-RPC
STA. 98+52+/- -L-
2700 X 1500
EXIT
25 A
209
3500 X 800
31A
EXIT 25 B
McArthur Rd
NORTH
1/4 MILE
EXIT ONLY
31B
4900 X 3500
3500 X 800
32A
EXIT 25 A
McArthur Rd
SOUTH
6000 X 2000
32B
PROPOSED OVERHEAD SIGN ASSY.
STA. 97+40 -L-
406
RIGHT LANE ENDS
STA. 95+43 -L-
MATCHLINE STA. 94+95 -L-
SEE SHEET SIGN-26
NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 028387 AYMAN I. ALQUDWAH
METRIC
TIP NO. X-0002CC
SHEET NO. SIGN-27
APPROVED:
DATE: 3-18-14
SEAL

METRIC

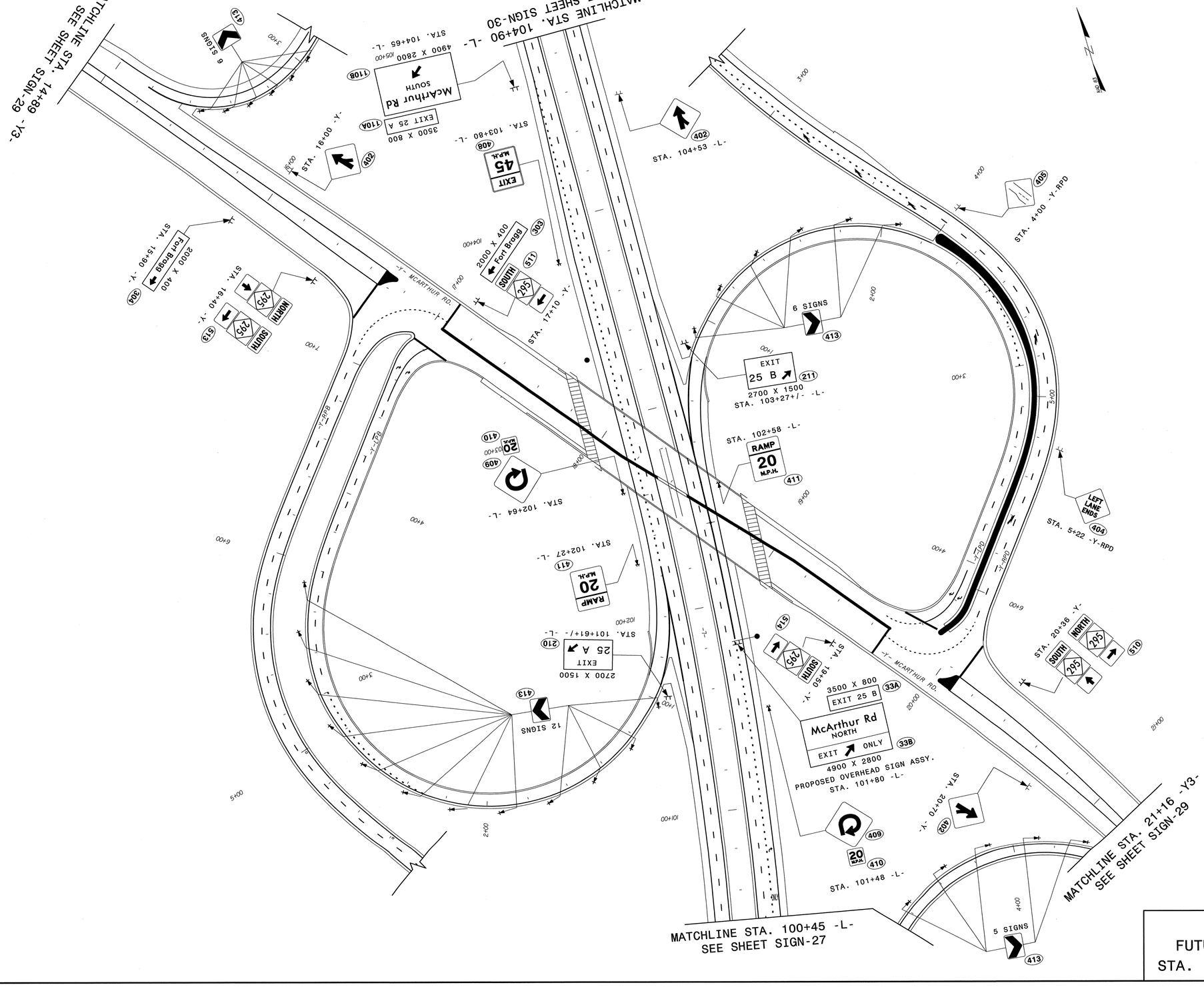
TIP NO.	SHEET NO.
X-0002CC	SIGN-28

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL ENGINEER SEAL 028387 AYMAN I. ALQUDWAH



PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 100+45 -L- TO STA. 104+90 -L-

13-MAR-2014 11:30
C:\Users\x2coc\AppData\Local\Temp\AcPublish_1172\Traffic\Signing\CADD\Signing Layout Plans\x2coc\x2coc_sgn_psh28.dgn
mstn_dgn_to_pdf_v8i.ucf

TIP NO.	SHEET NO.
X-0002CC	SIGN-29

APPROVED: [signature]

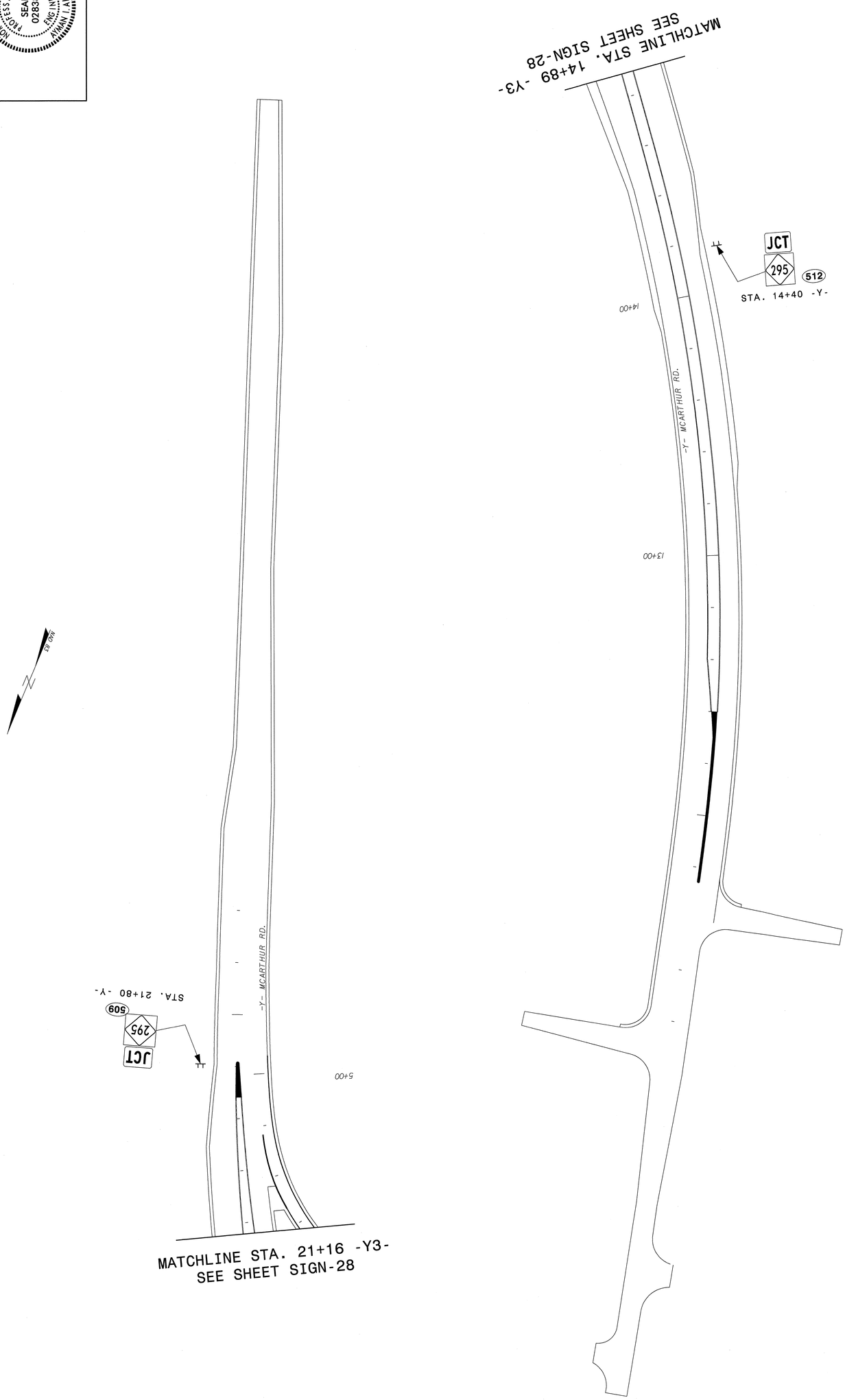
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

PROPOSED SIGNS
MCARTHUR RD.
STA. 1+00 -Y3- TO STA. 2+00 -Y3-



13-MAR-2014 11:35
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh29.dgn
meaton AT TE274422

TIP NO.	SHEET NO.
X-0002CC	SIGN-30

APPROVED: [signature]

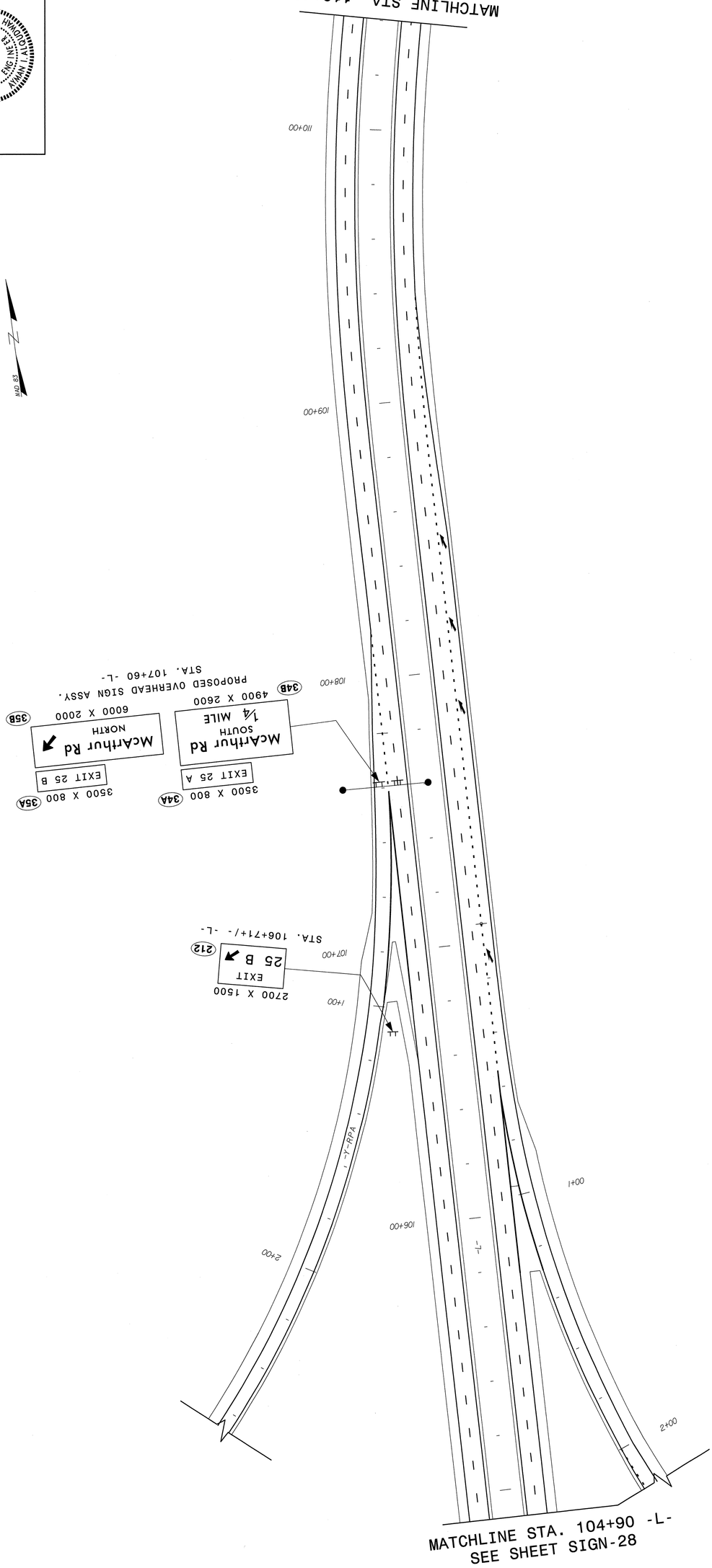
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN LALOUDWAH

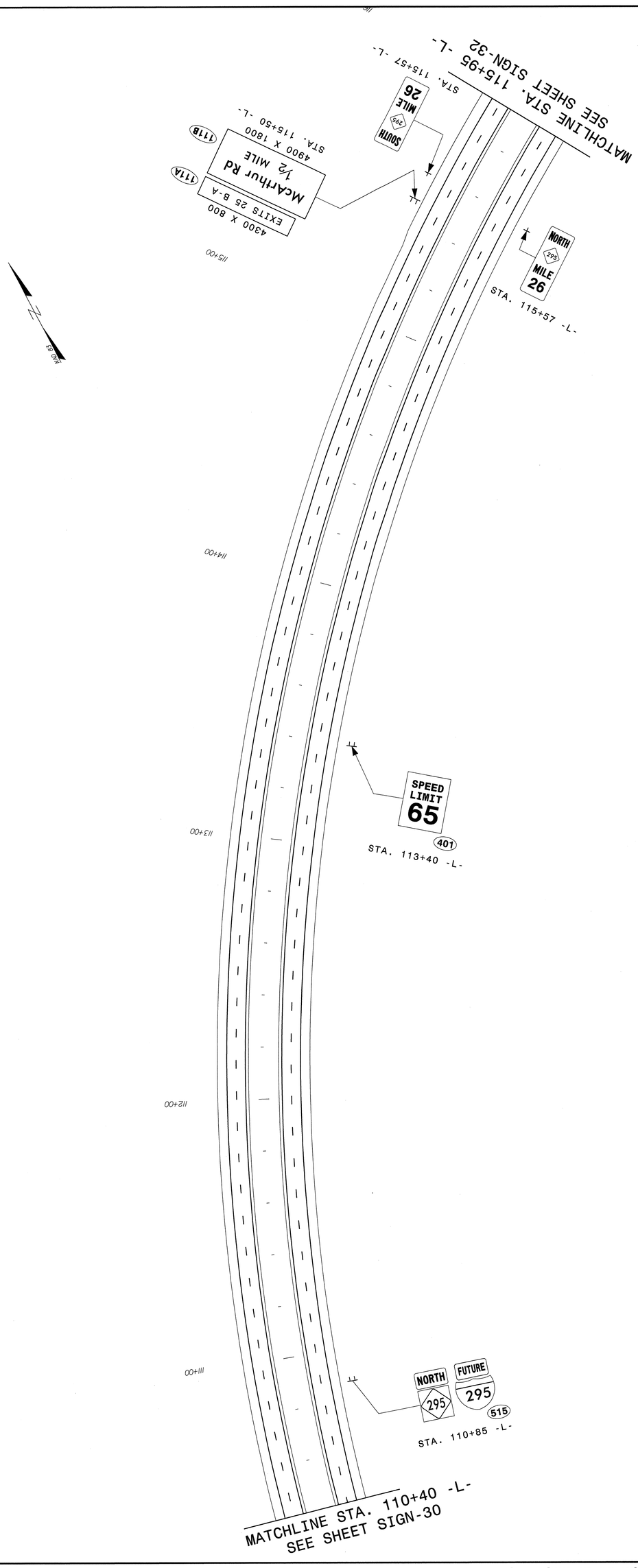
METRIC

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 104+90 -L- TO STA. 110+40 -L-



13-MAR-2014 11:37
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh30.dgn
meeton AT TEZ74422

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 110+40 -L- TO STA. 115+95 -L-



TIP NO. X-0002CC

SHEET NO. SIGN-31

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

13-MAR-2014 11:56
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh31.dgn
meaton AI TE2747422

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-32

APPROVED: Ayman Alqudwah

DATE: 3-19-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NAD 83

N

111+00

118+00

119+00

120+00

121+00

6300 X 2700

Smith Lake Recreation Center Army Training Camp

EXIT 25 B

112

STA. 119+28 -L-

-L- FAYETTEVILLE OUTER LOOP

MATCHLINE STA. 115+95 -L-
SEE SHEET SIGN-31

MATCHLINE STA. 121+25 -L-
SEE SHEET SIGN-33

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 115+95 -L- TO STA. 121+25 -L-

13-MAR-2014 11:58
S:\TPPro\Projects\XV00228B\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh32.dgn
mstuart
Plot Date: 13 MAR 2014

TIP NO. X-0002CC

SHEET NO. SIGN-33

APPROVED:

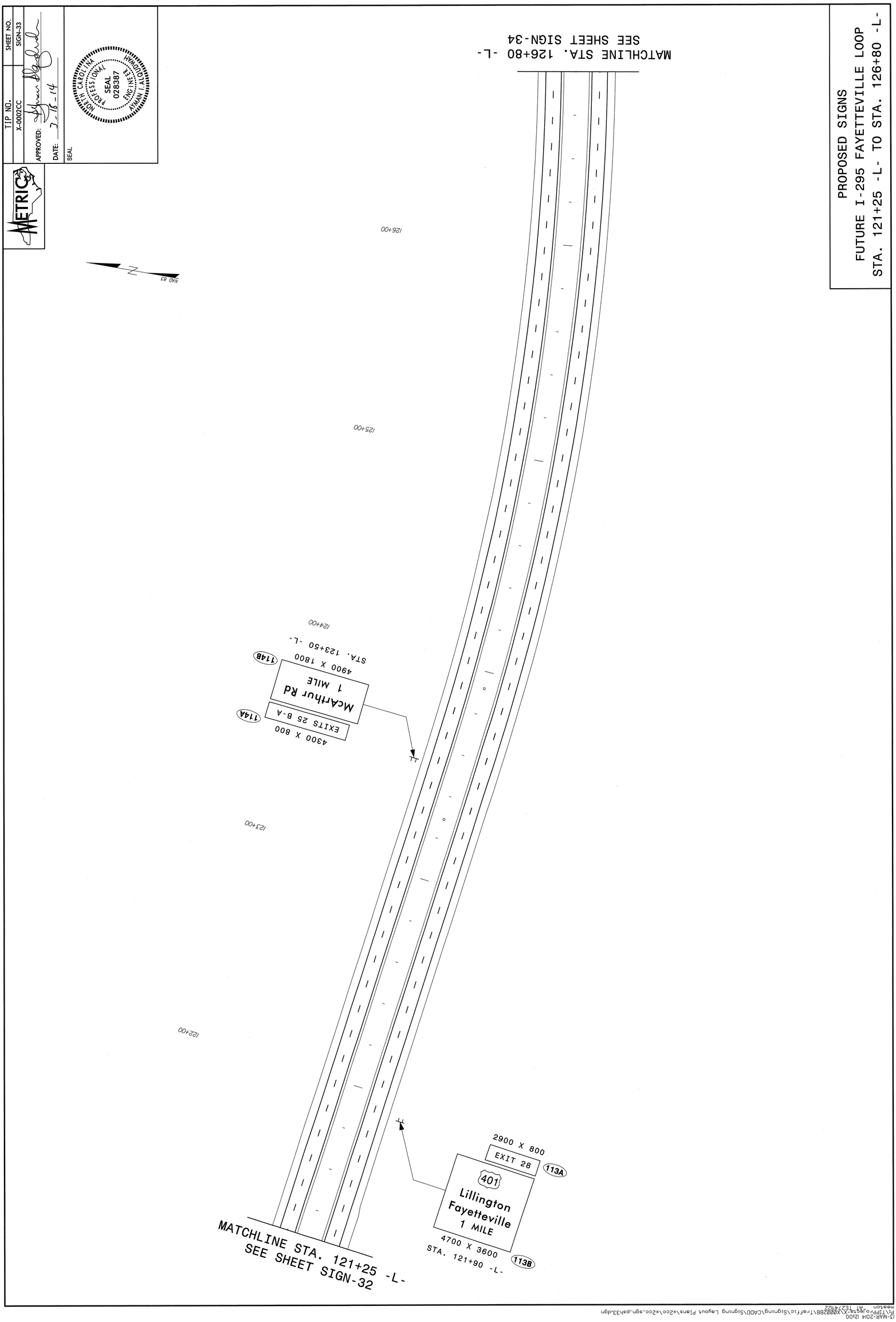
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 121+25 -L- TO STA. 126+80 -L-



13-MAR-2014 12:00
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh33.dgn
meaton AT TEZ74422

TIP NO.	SHEET NO.
X-0002CC	SIGN-34

APPROVED: [signature]

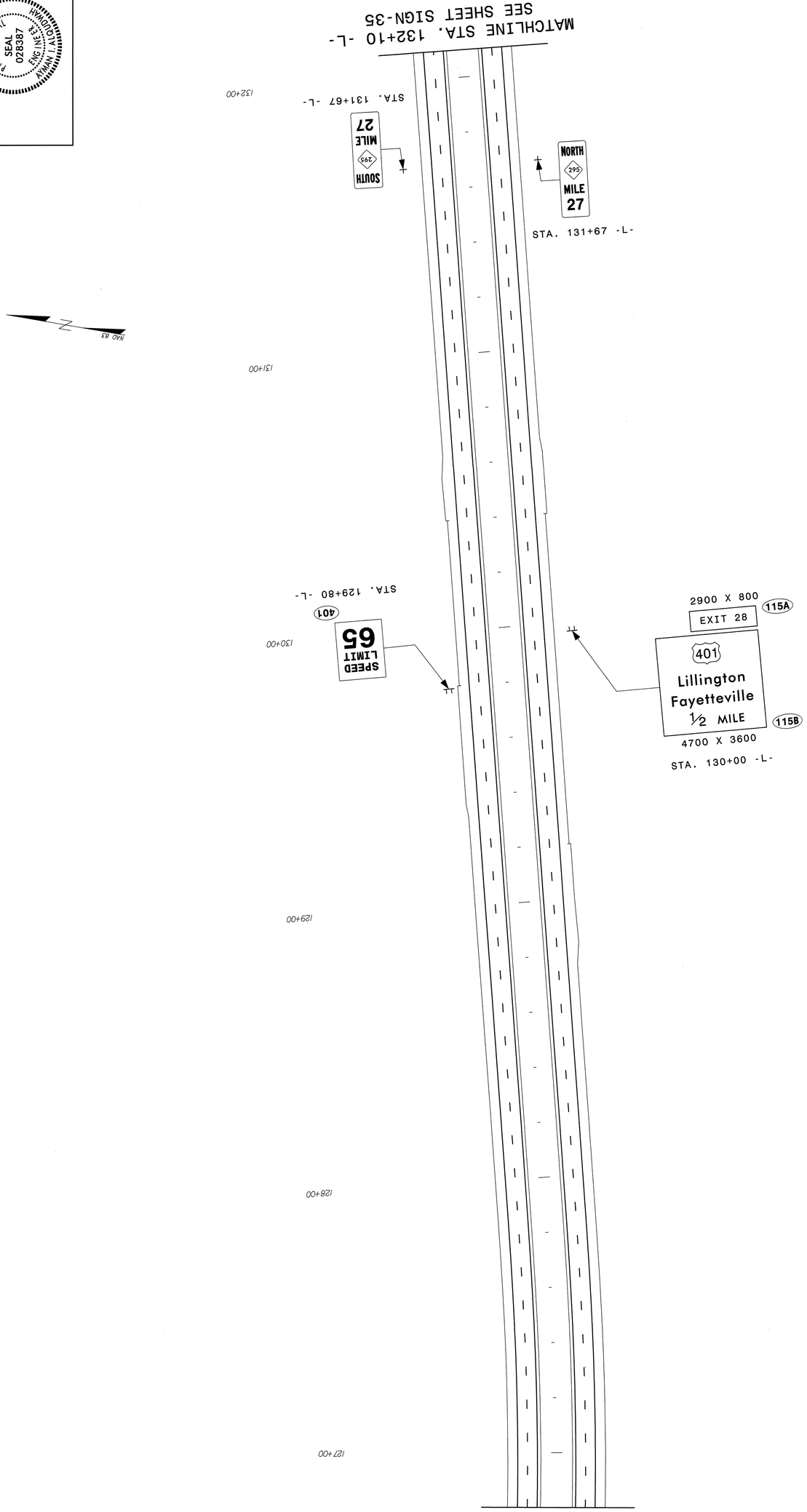
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER HAMAN I. ALQUDWAH

METRIC

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 126+80 -L- TO STA. 132+10 -L-



MATCHLINE STA. 126+80 -L-
SEE SHEET SIGN-33

13-MAR-2014 12:03
P:\TIPProjects\X\X000288\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh34.dgn
meaton AT TEC74422

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 132+10 -L- TO STA. 137+50 -L-

TIP NO. X-0002CC

SHEET NO. SIGN-35

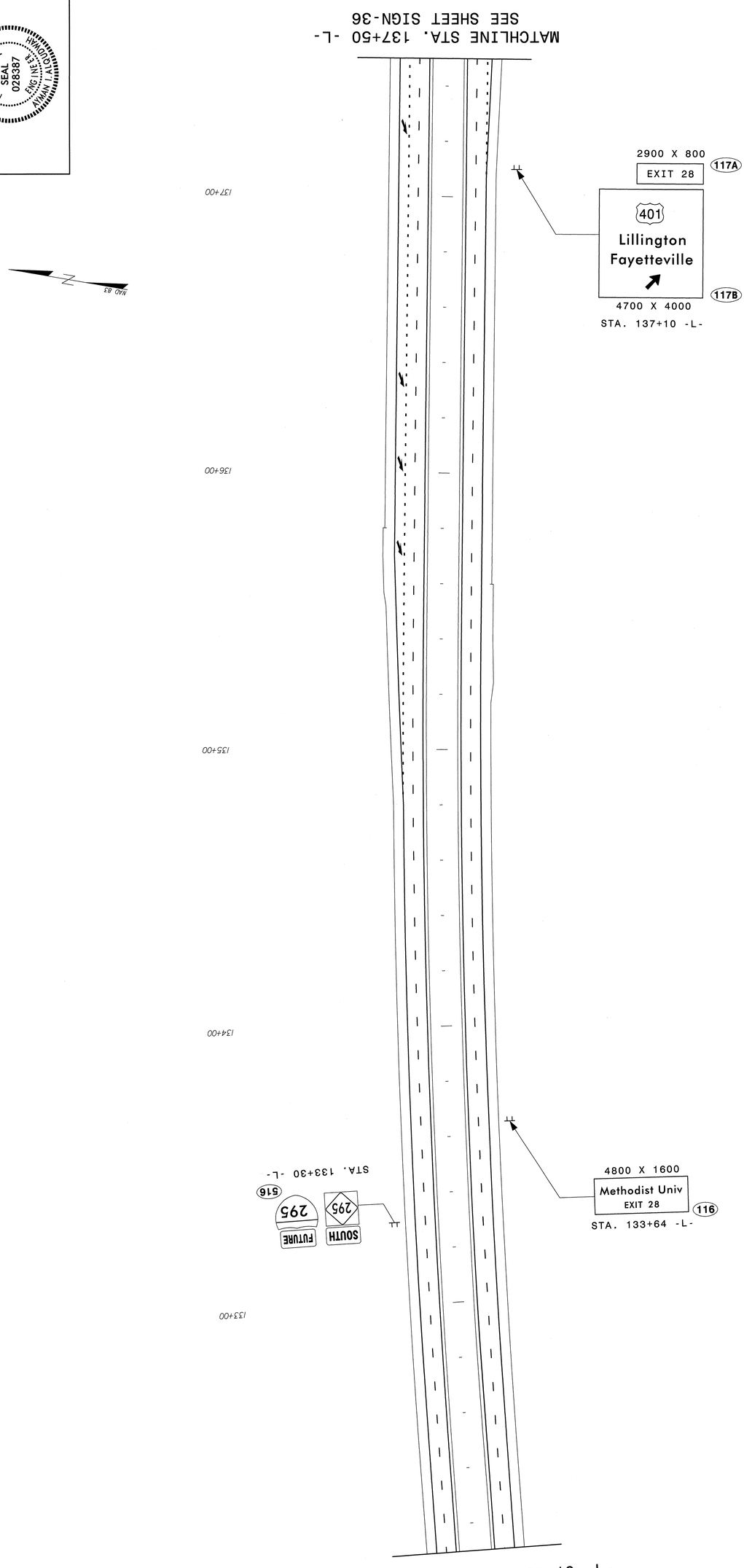
APPROVED: [signature]

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN LALOUDIMAH

METRIC



13-MAR-2014 12:07
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh35.dgn
meaton AT TEZ74422

TIP NO.	SHEET NO.
X-0002CC	SIGN-36

APPROVED: [signature]

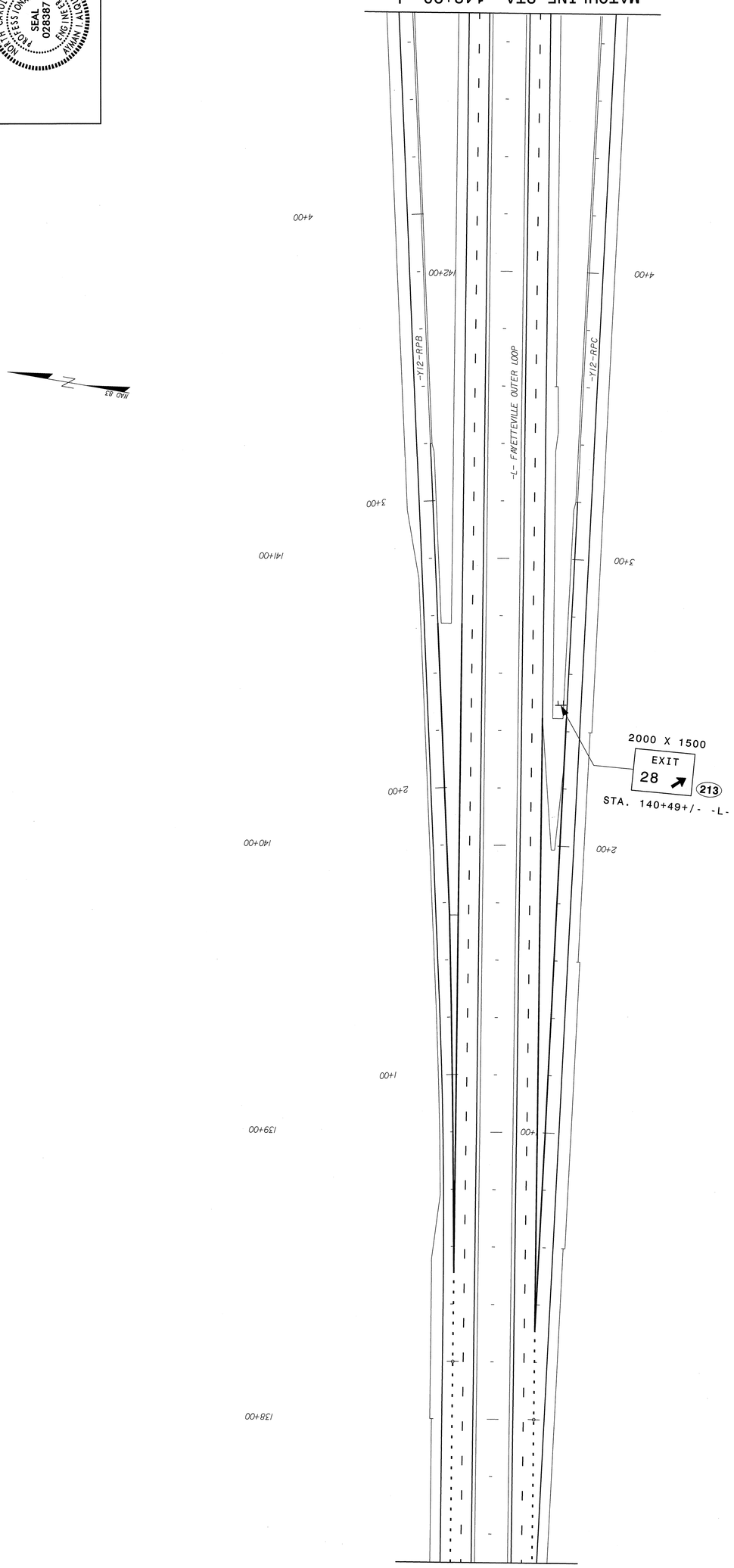
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 137+50 -L- TO STA. 142+90 -L-



MATCHLINE STA. 137+50 -L-
SEE SHEET SIGN-35

13-MAR-2014 12:10
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh36.dgn
meaton AT TE274922

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)

TIP NO.	SHEET NO.
X-0002CC	SIGN-37

APPROVED: Ayman Alqaloush

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWH

MATCHLINE STA. 17+50 -US 401- SEE SHEET SIGN-38

SEE NOTE 5 TO RIVER RD FAYETTEVILLE

PROPOSED OVERHEAD SIGN ASSY. STA. 16+50 -Y12-

43 Fort Bragg 295 SOUTH 5400 X 2500

42 Fayetteville 401 SOUTH 4700 X 2400

41 NORTH 295 TO 95 TO 13 5200 X 3200

SEE NOTE 5 SOUTH 401 TO 13 TO 95 TO FUTURE 295

NORTH 401 Lillington

SOUTH 401 Methodist Univ Fayetteville

EXISTING OVERHEAD SIGN ASSY.

SOUTH 295 MILE 28

STA. 147+76 -L-

BREAKLINE 148+30 -L- SEE SHEET SIGN-39

STA. 143+00 -L-

STA. 7+13 -Y12-RPB

STA. 7+92 -Y12-LPB

LEFT LANE ENDS

MATCHLINE STA. 142+90 -L- SEE SHEET SIGN-36

36 NORTH 401 Lillington 5300 x 3200

37 SOUTH 401 Methodist Univ Fayetteville 5800 x 3900

PROPOSED OVERHEAD SIGN ASSY. STA. 7+00 -Y12-RPC

SEE NOTE 5 NORTH 401 TO 13 FUTURE 295 TO 95

38 SOUTH 295 Fort Bragg 5300 x 3500

39 NORTH 401 Lillington 4000 x 2400

40 NORTH TO 295 TO 95 TO 13 6000 x 2200

PROPOSED OVERHEAD SIGN ASSY. STA. 14+84 -Y12-

MATCHLINE STA. 13+80 -US 401- SEE SHEET SIGN-38

12- US 401 RAMSEY ST.

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 142+90 -L- TO STA. 148+30 -L-

I:\MAR-2014 12\2 Traffic\Signing\CADD\Signing Layout Plans\x2ea\x2ea-sgn-path37.dgn
mestorm 3/17/2014 2:22:22 PM

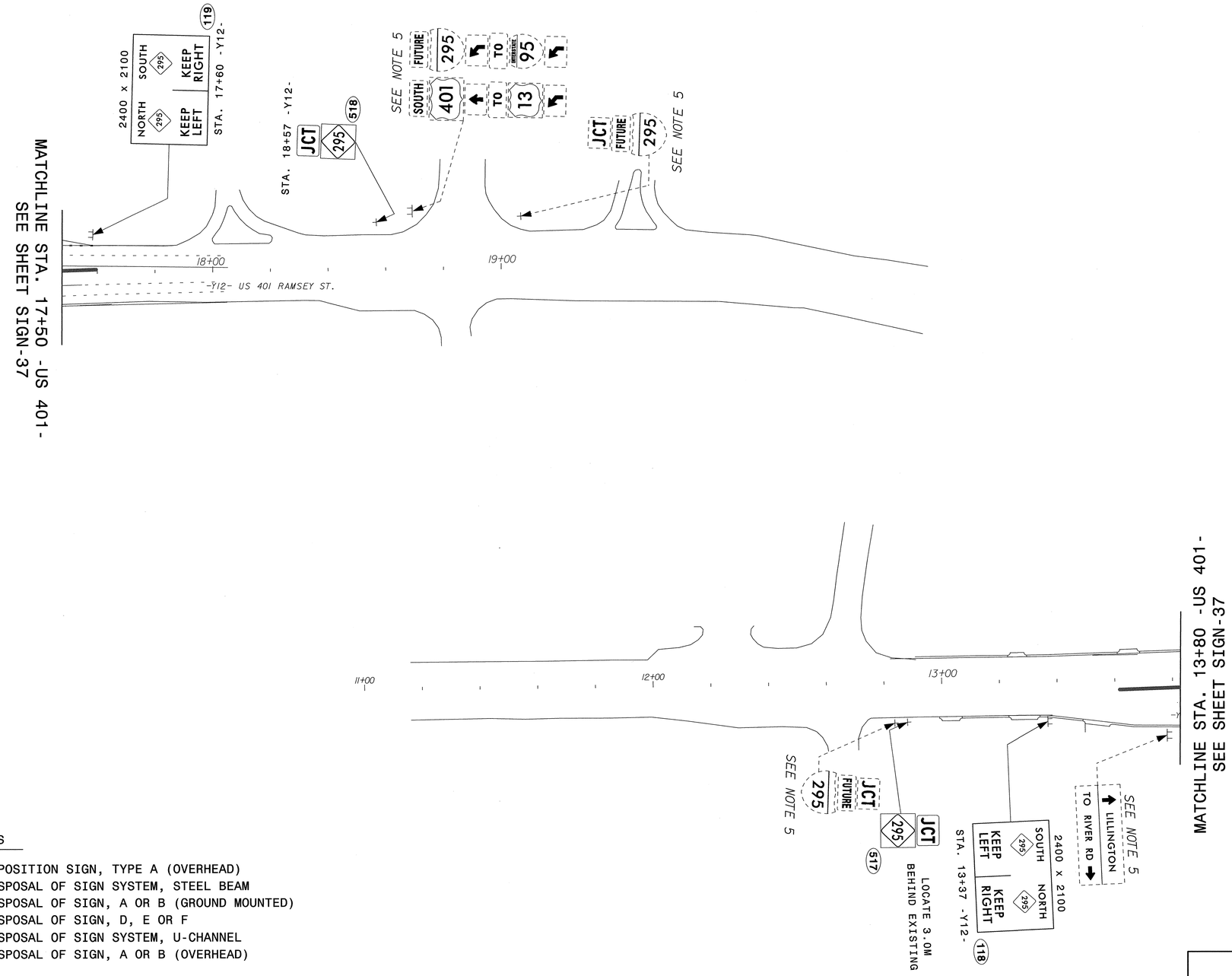
TIP NO.	SHEET NO.
X-0002CC	SIGN-38

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH



NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)

EXISTING AND PROPOSED SIGNS
US 401
STA. 142+90 -L- TO STA. 148+30 -L-

13-MAR-2014 13:05
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh38.dgn
meaton AT TEZ74422

TIP NO.	SHEET NO.
X-0002CC	SIGN-39

APPROVED: [signature]

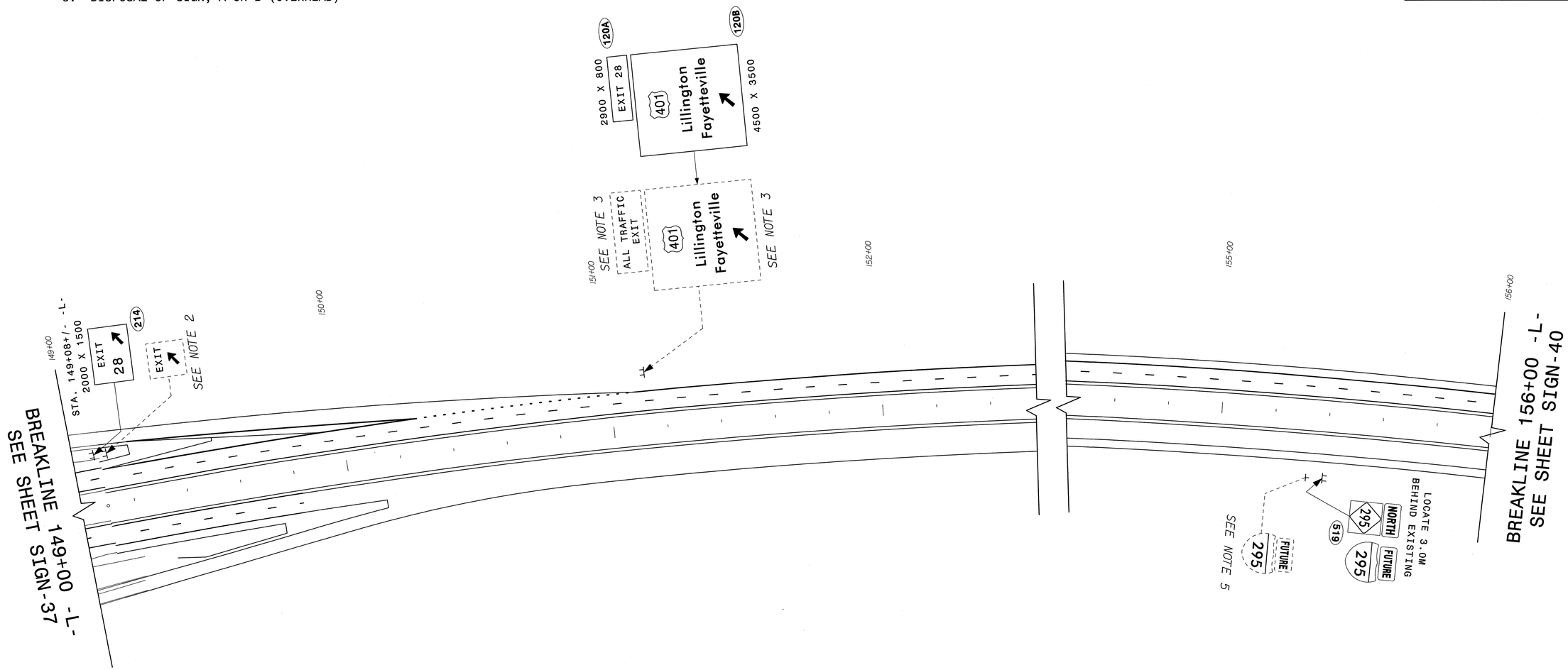
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)



EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 149+00 -L- TO STA. 156+00 -L-

13-MAR-2014 13:06
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh39.dgn
meaton AT TE274922

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP
STA. 158+00 -L- TO STA. 162+40 -L-

METRIC

TIP NO.	SHEET NO.
X-0002CC	SIGN-40

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

I3-MAR-2014 13:08
P:\TIP\X-0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh40.dgn
mestrom

TIP NO.	SHEET NO.
X-0002CC	SIGN-41

APPROVED: Ayman Alqudwah

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NAD 83

BREAKLINE B-B
SEE SHEET SIGN-40

122A

2900 X 800
EXIT 28

401
Lillington
Fayetteville
1 MILE

122B

4700 X 3500

SEE NOTE 3

ALL TRAFFIC EXIT

401
Lillington
Fayetteville
EXIT 1 MILE

SEE NOTE 3

BREAKLINE C-C
SEE SHEET SIGN-42

SEE NOTE 3

River Rd
EXIT 1 MILE

River Rd
1 MILE

3600 X 1700

2900 X 800
EXIT 30

123B

123A

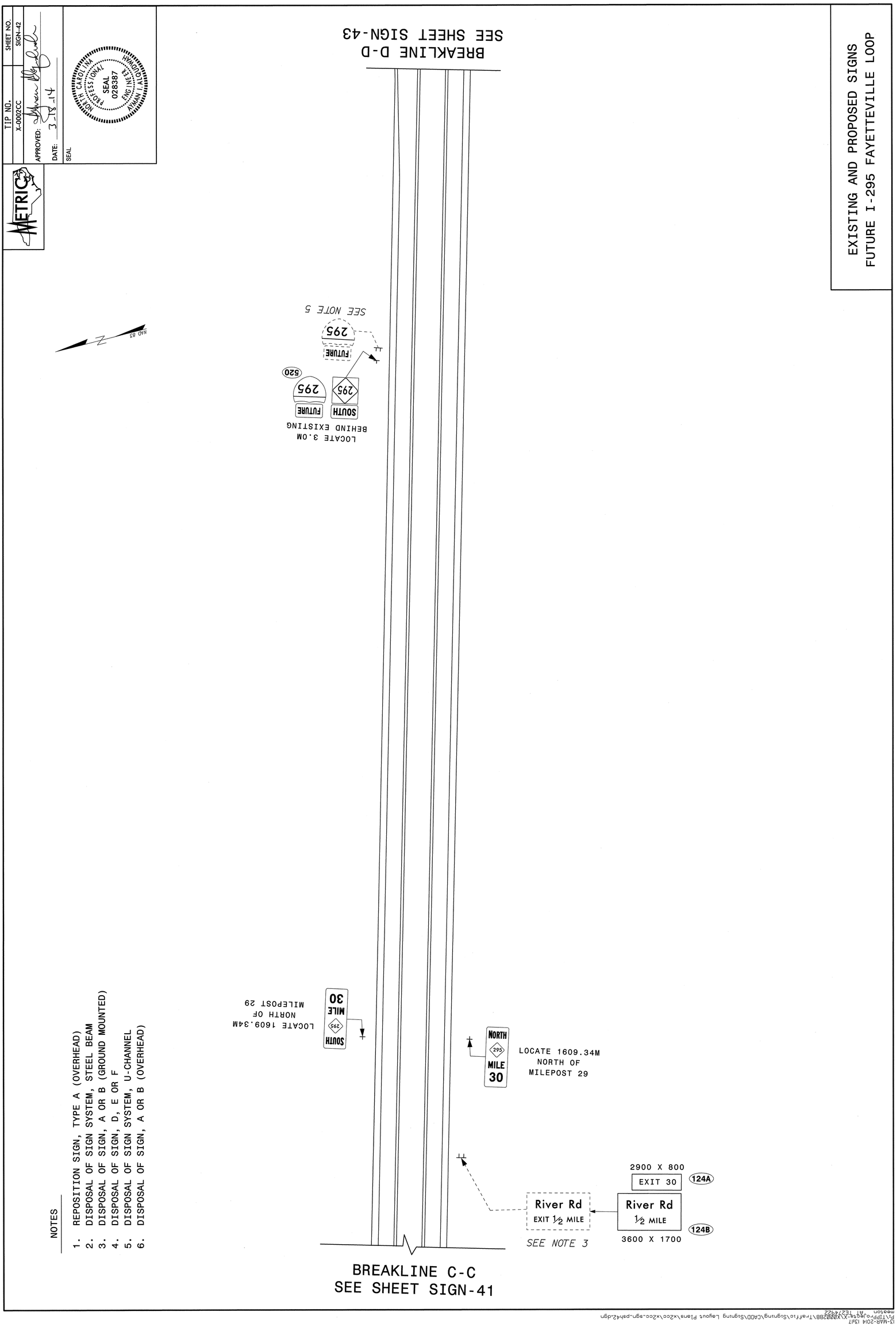
NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP

13-MAR-2014 13:11
K:\TPP\x-0002CC\XV00020BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn_psh41.dgn
mstorey

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP



NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)

TIP NO. X-0002CC
SHEET NO. SIGN-42
APPROVED:
DATE: 3-18-14
SEAL
NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER HAMAN I. ALQUDWAH
METRIC

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)

TIP NO.	SHEET NO.
X-0002CC	SIGN-43

APPROVED:

DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

MATCHLINE E-E
SEE SHEET SIGN-44

SR 1714 RIVER RD.

SEE NOTE 4
FUTURE 295
TO 401
SOUTH 295
524

SEE NOTE 4
FUTURE 295
TO 401
SOUTH 295
526

SEE NOTE 4
FUTURE 295
TO 95 INTERSTATE
TO 13
NORTH 295
527

BREAKLINE G-G
SEE SHEET SIGN-45

SEE NOTE 2
EXIT 30
2000 X 1500
215
LOCATE 3.0M BEHIND EXISTING

SEE NOTE 4
FUTURE 295
TO 401
SOUTH 295
523

SEE NOTE 4
FUTURE 295
TO 95 INTERSTATE
TO 13
NORTH 295
528

SEE NOTE 3
River Rd
3600 X 2100
125B
River Rd
EXIT 30
2900 X 800
125A

MATCHLINE F-F
SEE SHEET SIGN-44

BREAKLINE D-D
SEE SHEET SIGN-42

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP

13-MAR-2014 13:21
P:\TIPPROJECTS\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh43.dgn

TIP NO.	SHEET NO.
X-0002CC	SIGN-44

APPROVED: [signature]

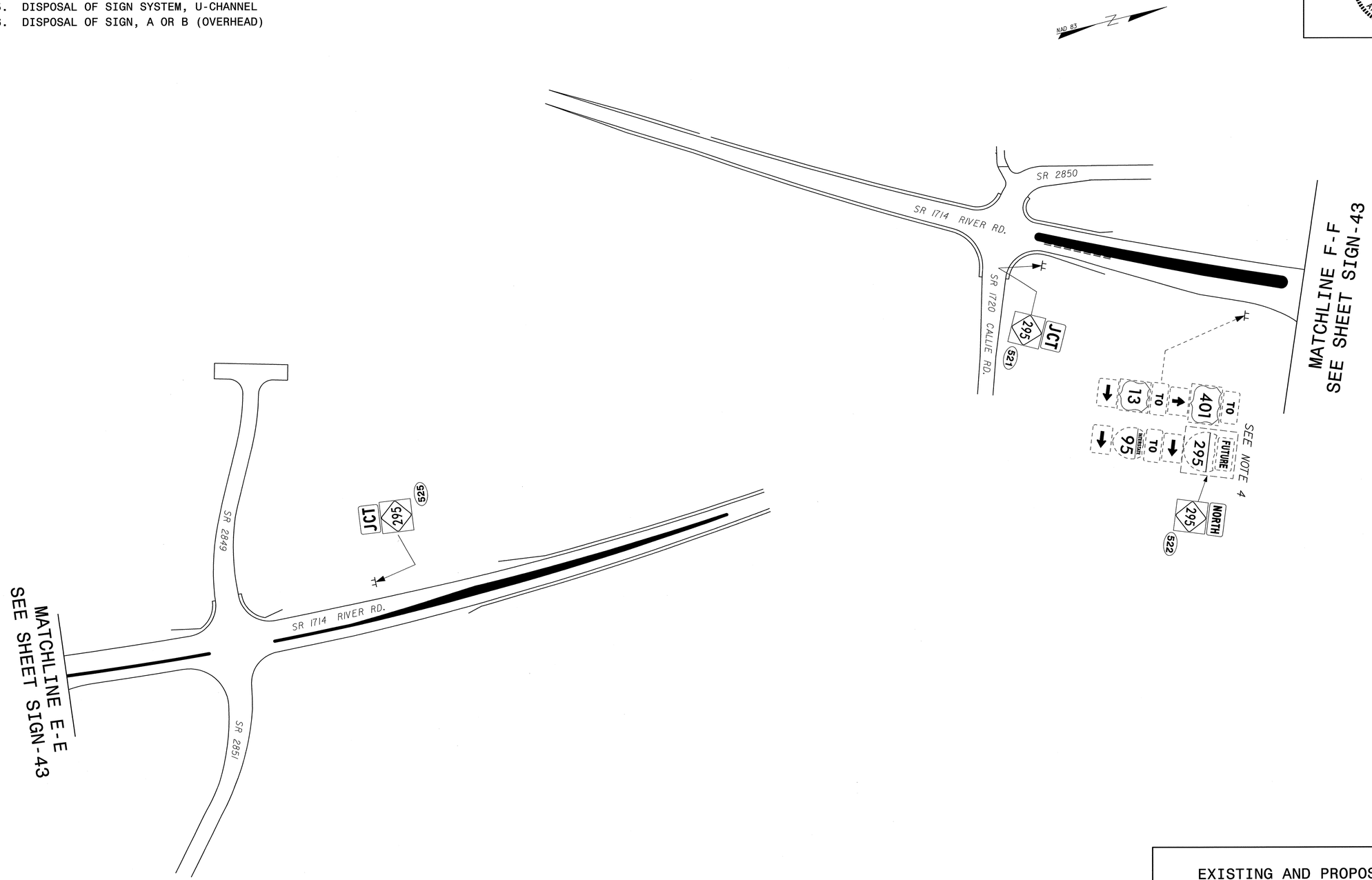
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)



EXISTING AND PROPOSED SIGNS
RIVER RD.

13-MAR-2014 13:24
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh44.dgn
meaton AT TE2/4422

TIP NO.	SHEET NO.
X-0002CC	SIGN-45

APPROVED: [signature]

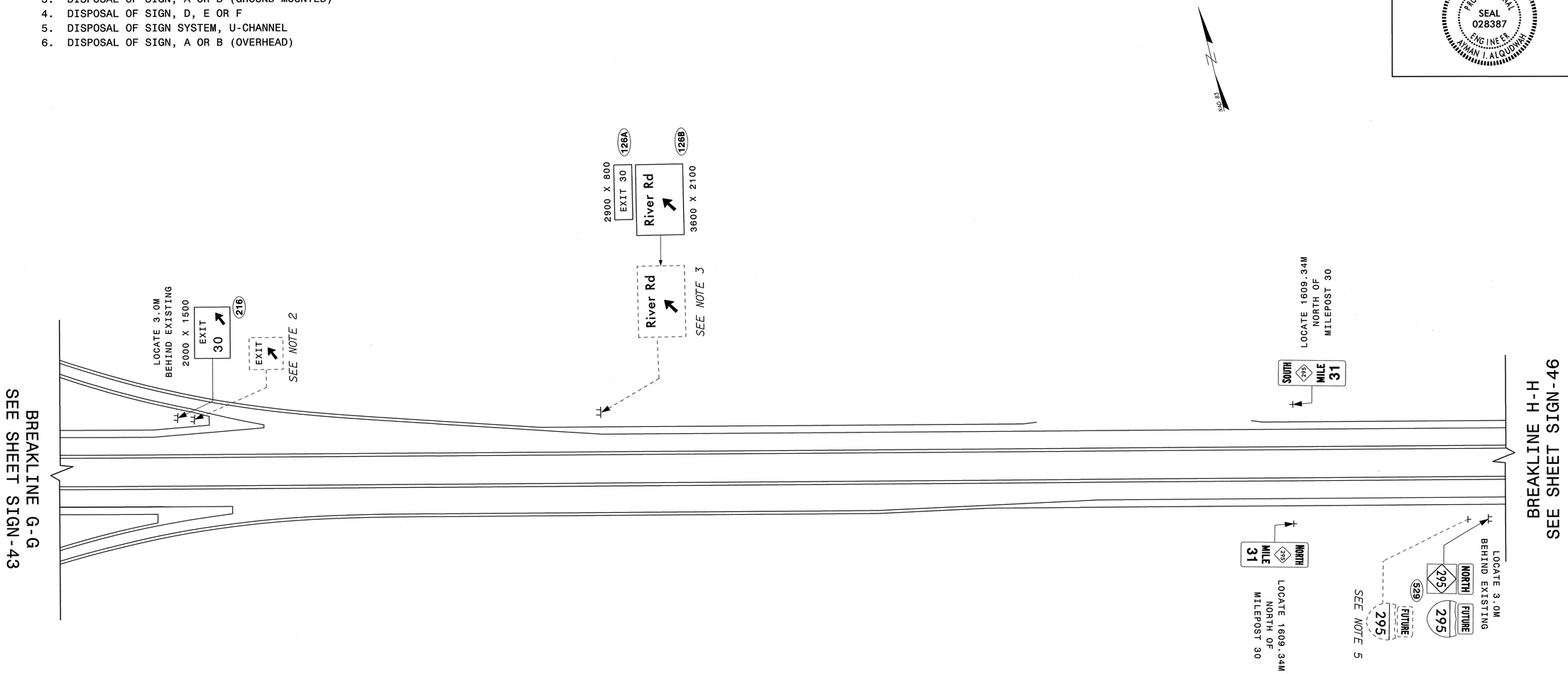
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)



EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP

13-MAR-2014 13:26
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh45.dgn
meeton AT TE274422

TIP NO. X-0002CC

SHEET NO. SIGN-46

APPROVED: [signature]

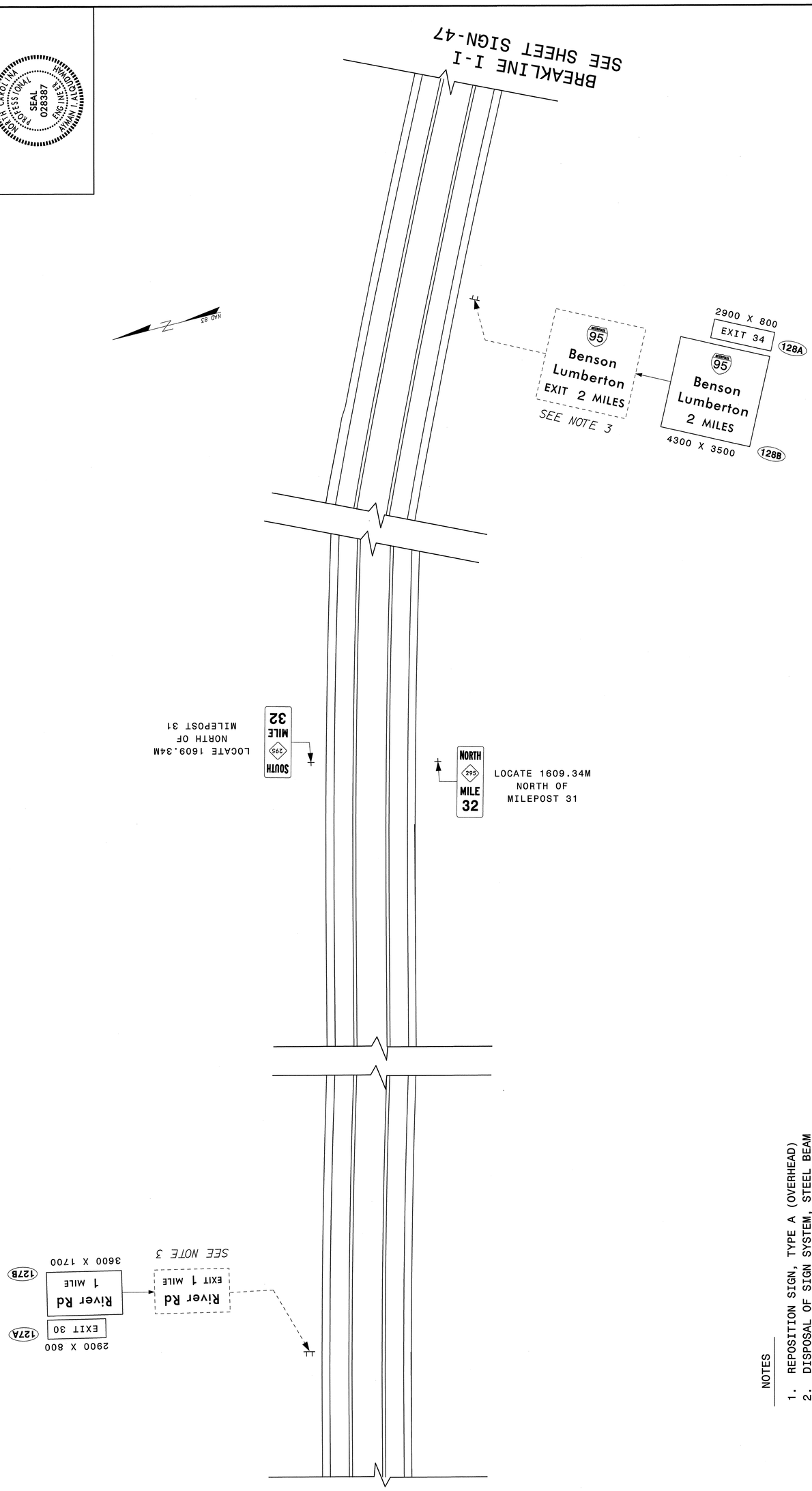
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

METRIC

EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP



BREAKLINE H-H
SEE SHEET SIGN-45

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)

13-MAR-2014 13:28
P:\TIPProjects\X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn-psh46.dgn
meaton AI TE274942

TIP NO.	SHEET NO.
X-0002CC	SIGN-47

APPROVED: [signature]

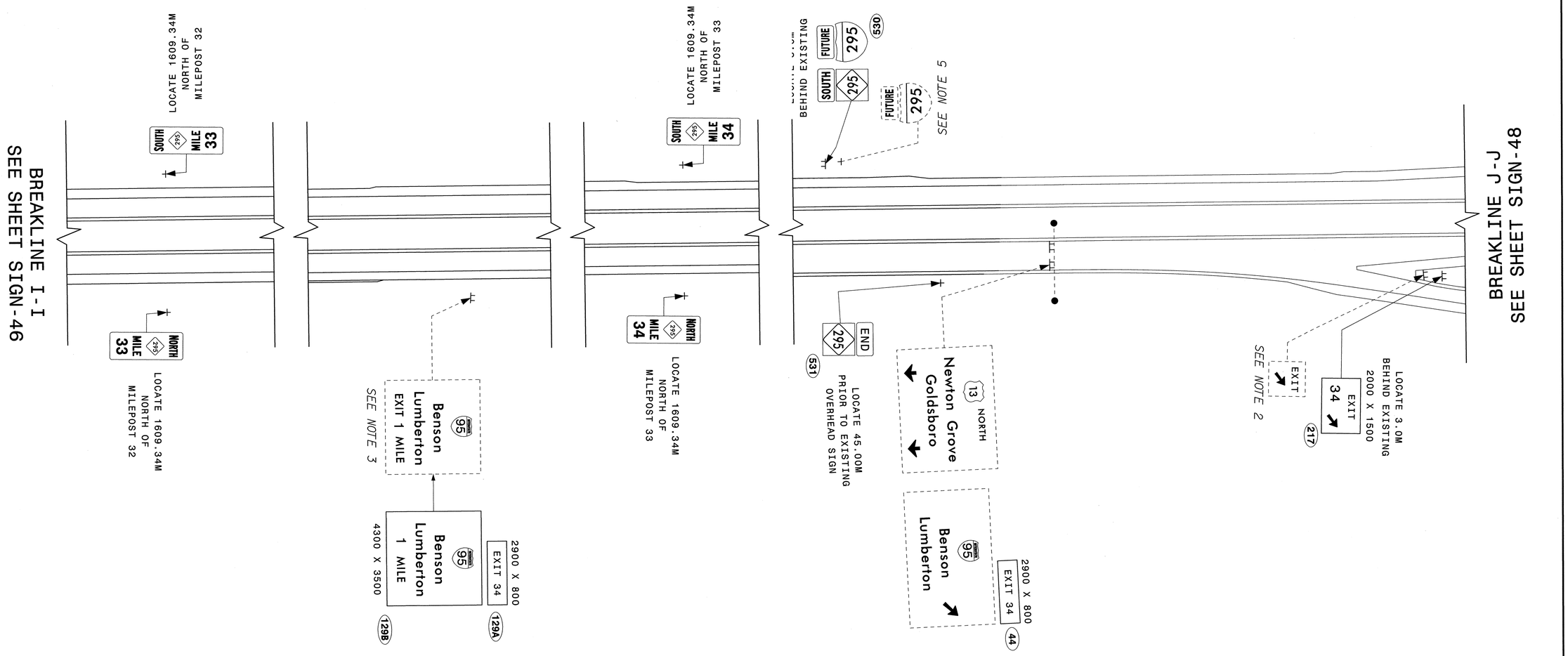
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)



EXISTING AND PROPOSED SIGNS
FUTURE I-295 FAYETTEVILLE LOOP

13-MAR-2014 13:29
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh47.dgn
meaton AT TE274922

TIP NO.	SHEET NO.
X-0002CC	SIGN-48

APPROVED: [signature]

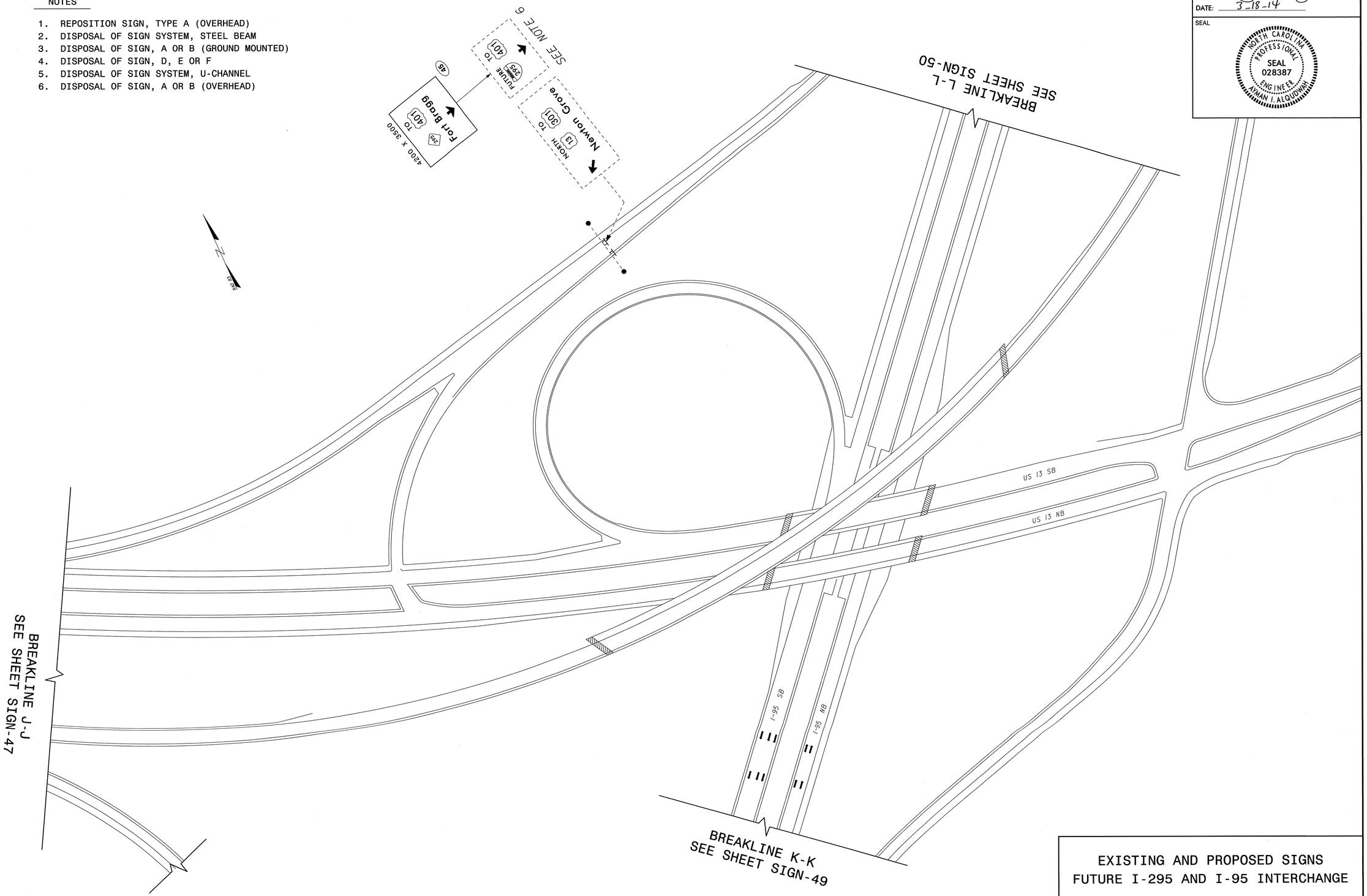
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NOTES

1. REPOSITION SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F
5. DISPOSAL OF SIGN SYSTEM, U-CHANNEL
6. DISPOSAL OF SIGN, A OR B (OVERHEAD)



EXISTING AND PROPOSED SIGNS
FUTURE I-295 AND I-95 INTERCHANGE

13-MAR-2014 13:32
P:\TIPProjects\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh48.dgn
meaton AT TE274922

TIP NO.	SHEET NO.
X-0002CC	SIGN-49

APPROVED: Ayman Alqudah

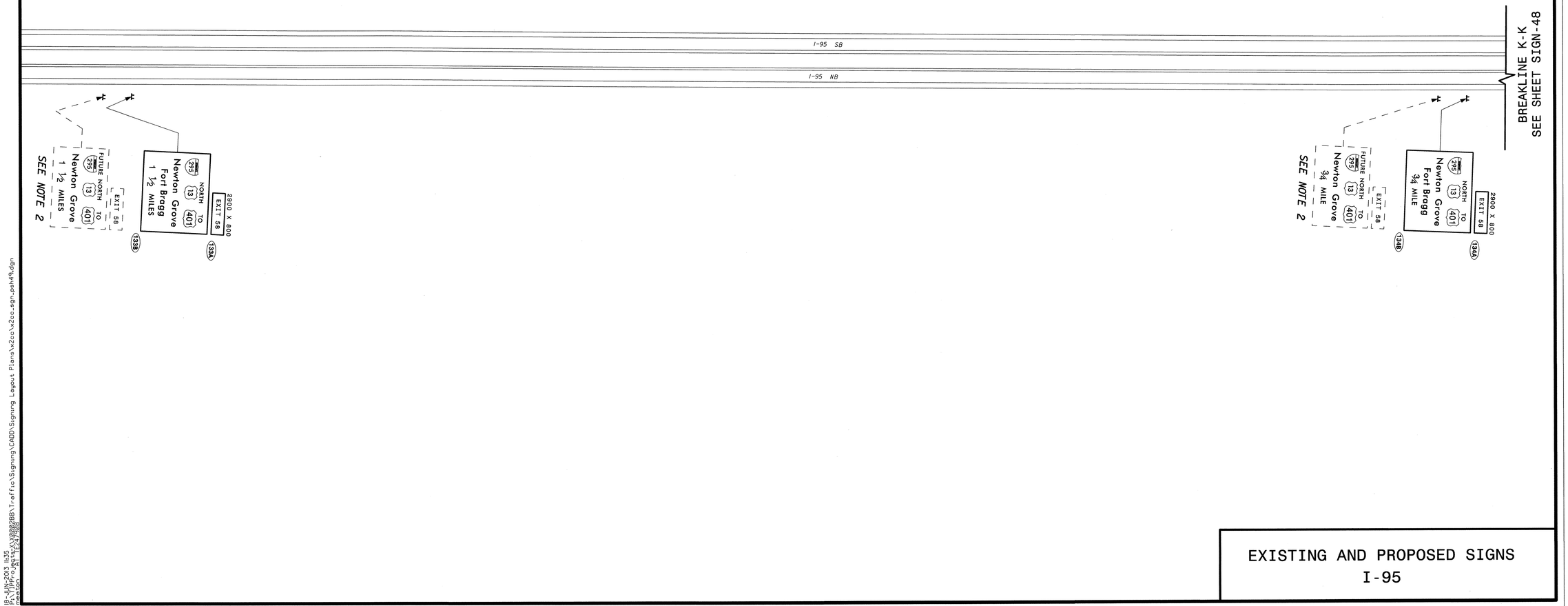
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDAH

NOTES

1. RELOCATE SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F



EXISTING AND PROPOSED SIGNS
I-95

18-JUN-2013 11:35
P:\Projects\XXXXXXXX\2BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc-sgn_psh49.dgn
mseton

TIP NO.	SHEET NO.
X-0002CC	SIGN-50

APPROVED: [signature]

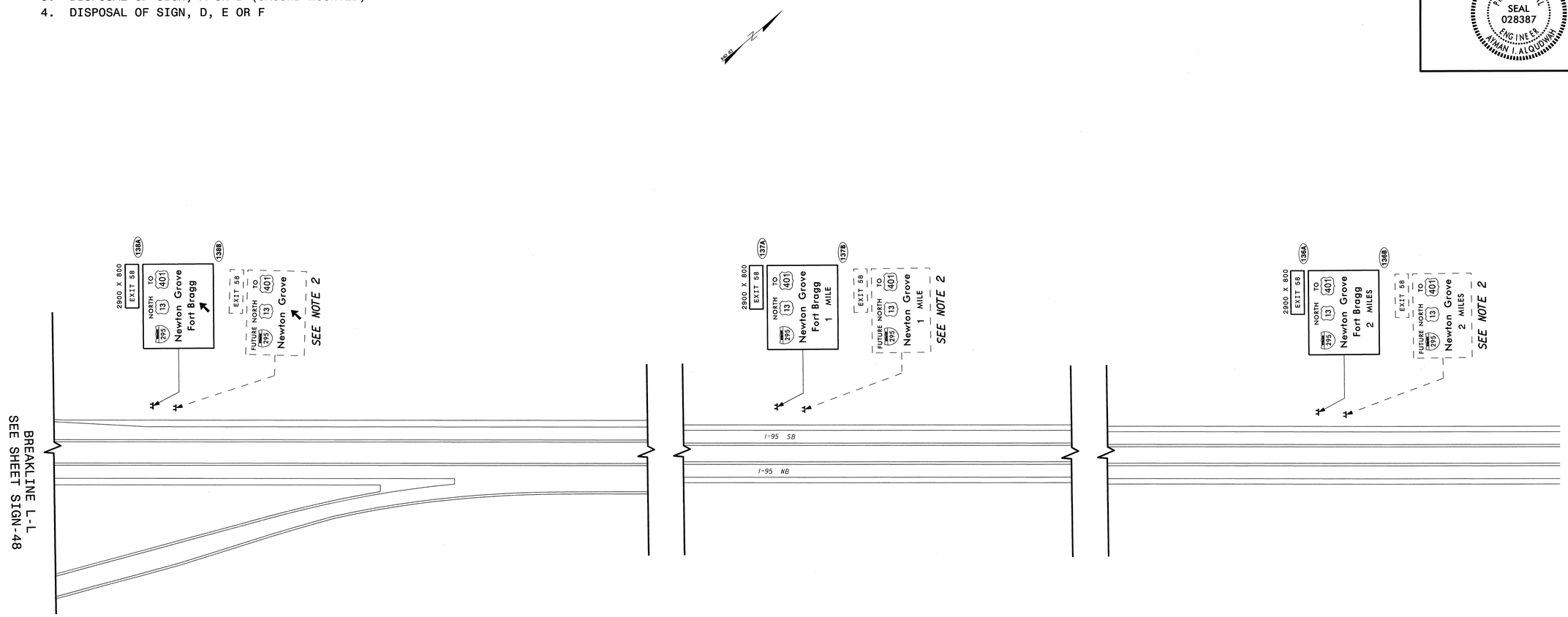
DATE: 3-18-14

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 028387 ENGINEER AYMAN I. ALQUDWAH

NOTES

1. RELOCATE SIGN, TYPE A (OVERHEAD)
2. DISPOSAL OF SIGN SYSTEM, STEEL BEAM
3. DISPOSAL OF SIGN, A OR B (GROUND MOUNTED)
4. DISPOSAL OF SIGN, D, E OR F



EXISTING AND PROPOSED SIGNS
I-95

18-JUN-2013 11:38
P:\TIPProjects-X\X0002BB\Traffic\Signing\CADD\Signing Layout Plans\x2cc\x2cc_sgn_psh50.dgn
meaton AT 1E24/4/08