


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

TIP NO. U-4007A	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 4-18-11	
SEAL	



SIGNING PLAN
ON SLOW COUNTY

LOCATION: SR 1702 (WHITE STREET EXTENSION) FROM SR 1308
(BELL FORK ROAD) TO SR 1470 (WESTERN BOULEVARD)

T.I.P.: U-4007A
CONTRACT: C202647

SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	12	C.Y.
4057000000	SP	OVERHEAD FOOTING	60	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	6754	LB.
4066000000	903	SUPPORTS, SIMPLE STEEL BEAM	2547	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1017	L.F.
4078000000	903	SUPPORTS, 2 LB STEEL U-CHANNEL	2	EA.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "32+20.48 -Y2-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "47+50 -Y2-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "50+00 -Y2-"	1	L.S.
4082100000	SP	SUPPORTS, OVERHEAD SIGN STRUCTURE AT STATION "77+00 -Y2-"	1	L.S.
4102000000	904	SIGN ERECTION, TYPE E	51	EA.
4108000000	904	SIGN ERECTION, TYPE F	8	EA.
4109000000	904	SIGN ERECTION, TYPE A (OVERHEAD)	2	EA.
4109000000	904	SIGN ERECTION, TYPE B (OVERHEAD)	2	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	11	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	3	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	2	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E	1	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE A (GROUND MOUNTED)	1	EA.
4138000000	907	DISPOSAL OF SUPPORT, STEEL BEAM	2	EA.
4152000000	907	DISPOSAL OF SIGN SYSTEM, STEEL BEAM	1	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	8	EA.

PROJECT NOTES

- DISPOSE SIGN SYSTEM, U-CHANNEL
- DISPOSE SUPPORT, STEEL BEAM
- RELOCATE SIGN, A OR B (GROUND MOUNTED)
- DISPOSE SIGN SYSTEM, STEEL BEAM
- DISPOSE SUPPORT, U-CHANNEL
- RELOCATE SIGN, TYPE E
- SIGN ERECTION, TYPE A (OVERHEAD)
- SIGN ERECTION, TYPE B (OVERHEAD)

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.
- SIGNING PLANS DO NOT INCLUDE TEMPORARY CONSTRUCTION SIGNING OR PAVEMENT MARKINGS. SEE TRAFFIC CONTROL PLANS.
- 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 JULY 2006 ARE APPLICABLE TO THIS PROJECT AND BY REFERENCE HEREBY ARE CONSIDERED A PART OF THESE PLANS:

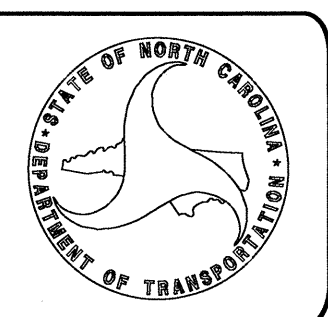
STD. NO.	TITLE
901.10	TYPE 'A' SIGNS
901.20	TYPE 'B' SIGNS
901.50	ARROWS AND SHIELDS
901.70	SIGN STRINGERS AND SUPPORT SPACING
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS
1264.01	OBJECT MARKERS
1264.02	PLACEMENT OF OBJECT MARKERS


INDEX

SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2 thru 2D	SUPPORT INFORMATION AND GROUND MOUNT SHEETS
SIGN-3 thru 7	OVERHEAD SIGN ASSEMBLIES
SIGN-8 thru 12	SIGN DESIGNS
SIGN-13 thru 14	TYPE 'E' AND 'F' SIGNS
SIGN-15 thru 22	SIGN PLACEMENT SHEETS

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

A. I. ALQUDWAH, PE SIGNING & DELINEATION REGIONAL ENGINEER
D. M. EATON SIGNING & DELINEATION PROJECT DESIGN ENGINEER



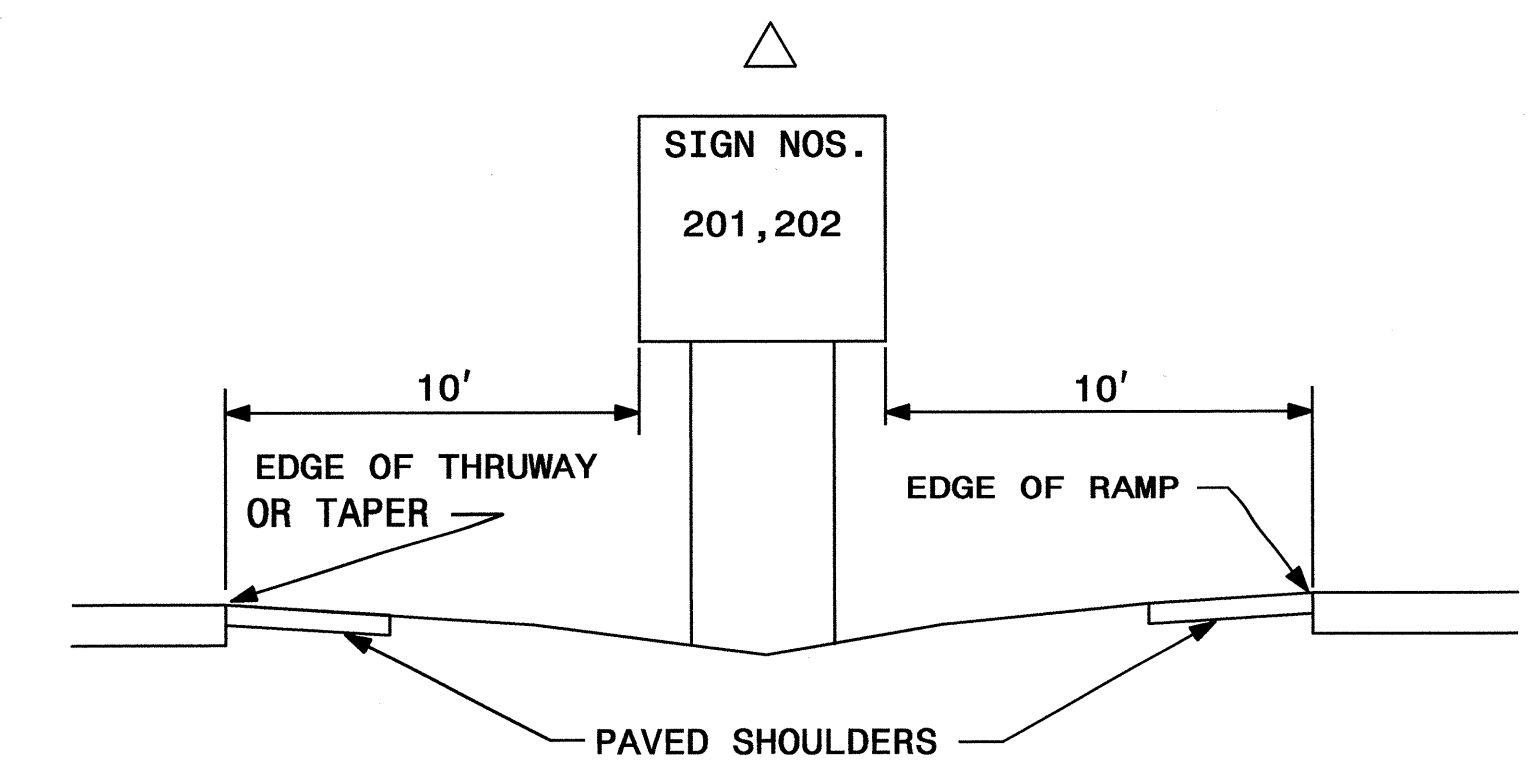
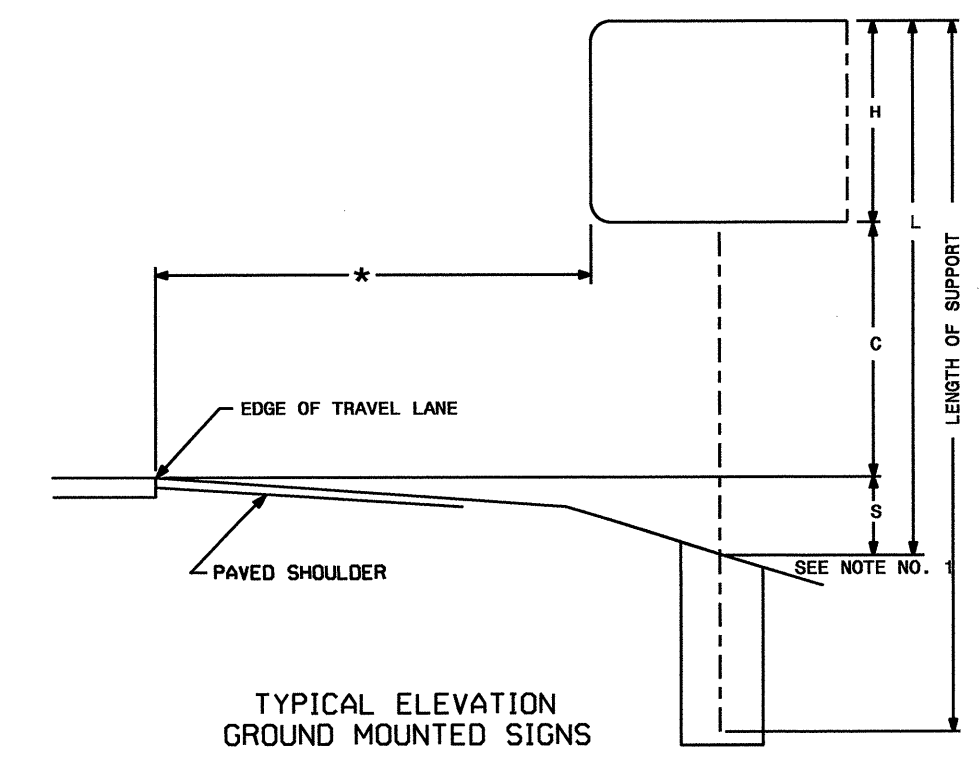
TIP NO. U-4007A	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 5-31-11	
SEAL	
	

SIGN NO.	SIGN TYPE	SIGN SIZE (in.)		ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE BA or S	ATTACH METHOD	MOUNTING METHOD	HORIZ. CLR.* (ft.)	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			FOOTING DIAMETER (ft.)	FOOTING DEPTH (ft.)	B/A SUPPORT WEIGHTS (lbs.)	SIMPLE SUPPORT WEIGHTS (lbs.)	REINF. FTGS. (c.y.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)	
		w	x								h	SNS H	MTG HT C	EMBED-MENT	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH	S	L							TOTAL LENGTH
101	A	78	X	54	11+00 -L-	2	S4x7.7	BA	N/A	N/A	18.00	4.50	7.42	4	-0.42	11.50	15.50	0.00	0.00	0.00	-0.42	11.50	15.50	1	4.5	279.31	0.00	0.26	
102	A	126	X	78	13+00 -L-	2	W6x9	BA	N/A	N/A	18.00	6.50	7.00	5	2.42	15.92	20.92	0.00	0.00	0.00	3.50	17.00	22.00	1.5	5.5	449.40	0.00	0.72	
103	A	162	X	120	15+00 -L-	2	W8x18	BA	N/A	N/A	18.00	10.00	7.00	6.5	3.58	20.58	27.08	0.00	0.00	0.00	5.58	22.58	29.08	2	7	1173.00	0.00	1.63	
104	A	120	X	90	17+00 -L-	2	W6x16	S	N/A	N/A	18.00	7.50	7.00	5.5	3.67	18.17	23.67	0.00	0.00	0.00	5.58	20.08	25.58	1.5	6	0.00	788.00	0.79	
105	A	102	X	90	24+33 -L-	2	W6x12	BA	N/A	N/A	18.00	7.50	7.00	5	3.33	17.83	22.83	0.00	0.00	0.00	4.58	19.08	24.08	1.5	5.5	648.28	0.00	0.72	
106	A	162	X	120	30+00 -L-	2	W8x18	BA	N/A	N/A	18.00	10.00	7.00	6.5	4.67	21.67	28.17	0.00	0.00	0.00	4.83	21.83	28.33	2	7	1179.12	0.00	1.63	
107	A	120	X	96	35+00 -L-	2	W6x16	BA	N/A	N/A	18.00	8.00	7.00	6	4.42	19.42	25.42	0.00	0.00	0.00	6.42	21.42	27.42	1.5	6.5	977.82	0.00	0.85	
108	A	78	X	54	39+00 -L-	2	S4x7.7	BA	N/A	N/A	18.00	4.50	7.00	4	1.75	13.25	17.25	0.00	0.00	0.00	2.67	14.17	18.17	1	4.5	313.34	0.00	0.26	
109A	B	96	X	30	6+60 -Y2-	2	W6x16	BA	1-R	N/A	28.00	5.00	7.00	6	2.17	14.17	20.17	0.00	0.00	0.00	3.67	15.67	21.67	1.5	6.5	807.10	0.00	0.85	
109B	A	180	X	60																									
110	B	108	X	48	15+00 -Y2-	2	S4x7.7	S	N/A	N/A	15.00	4.00	7.00	4	0.42	11.42	15.42	0.00	0.00	0.00	0.58	11.58	15.58	1	4.5	0.00	238.70	0.26	
111	B	108	X	48	57+50 -Y2-	2	S4x7.7	BA	N/A	N/A	20.00	4.00	7.00	4.5	3.17	14.17	18.67	0.00	0.00	0.00	2.25	13.25	17.75	1	5	321.04	0.00	0.29	
201	A	90	X	60	36+38+/- Y2	2	S4x7.7	BA	N/A	N/A	△	5.00	7.00	4.5	0.50	12.50	17.00	0.00	0.00	0.00	0.50	12.50	17.00	1	5	302.41	0.00	0.29	
202	A	90	X	60	44+00+/- Y2	2	S4x7.7	BA	N/A	N/A	△	5.00	7.00	4.5	0.50	12.50	17.00	0.00	0.00	0.00	0.50	12.50	17.00	1	5	302.41	0.00	0.29	
901	A	212.6	X	137.8	30+00 -Y2-	2	W10x26	S	N/A	N/A	18.00	11.48	7.00	7	1.58	20.06	27.06	0.00	0.00	0.00	5.92	24.40	31.40	2.5	7.5	0.00	1520.13	2.73	


	TOTAL	TOTAL	TOTAL
	6753.25	2546.83	11.57
USE:	6754	2547	12

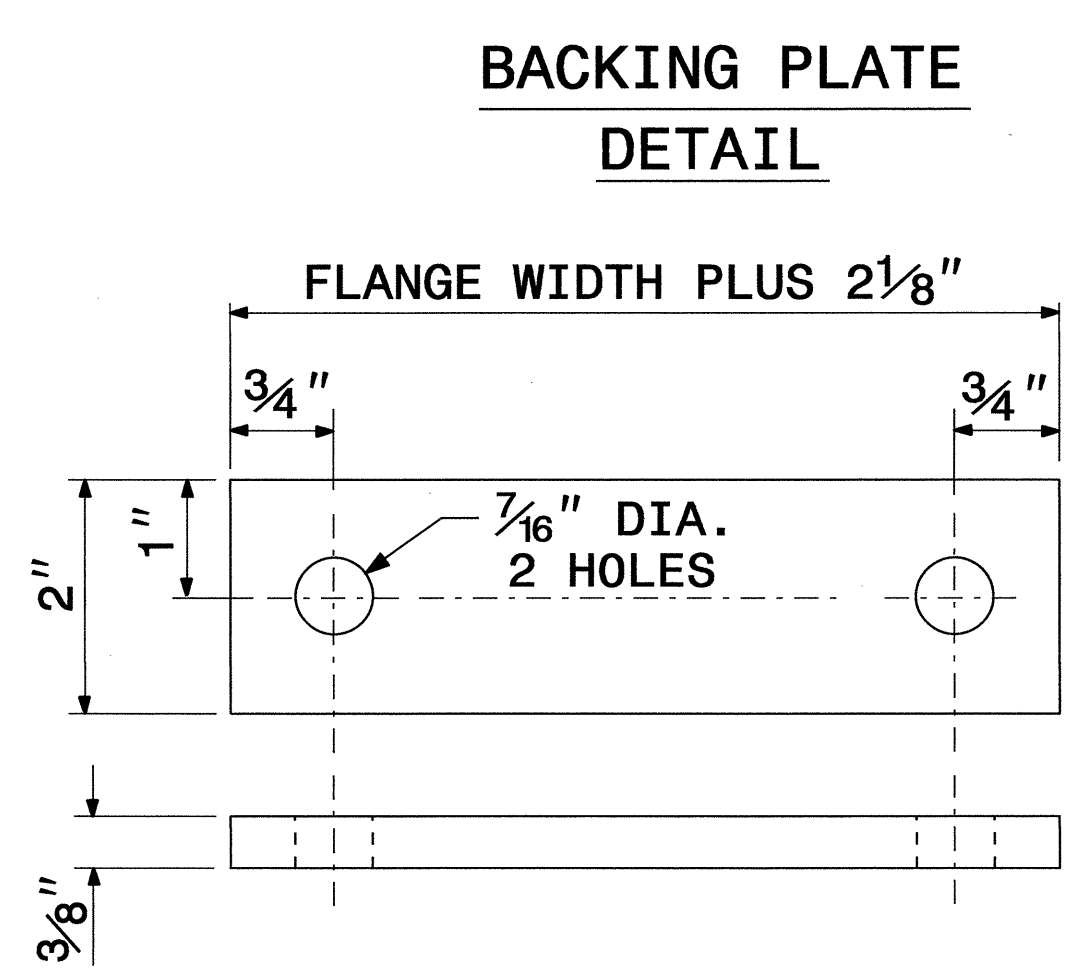
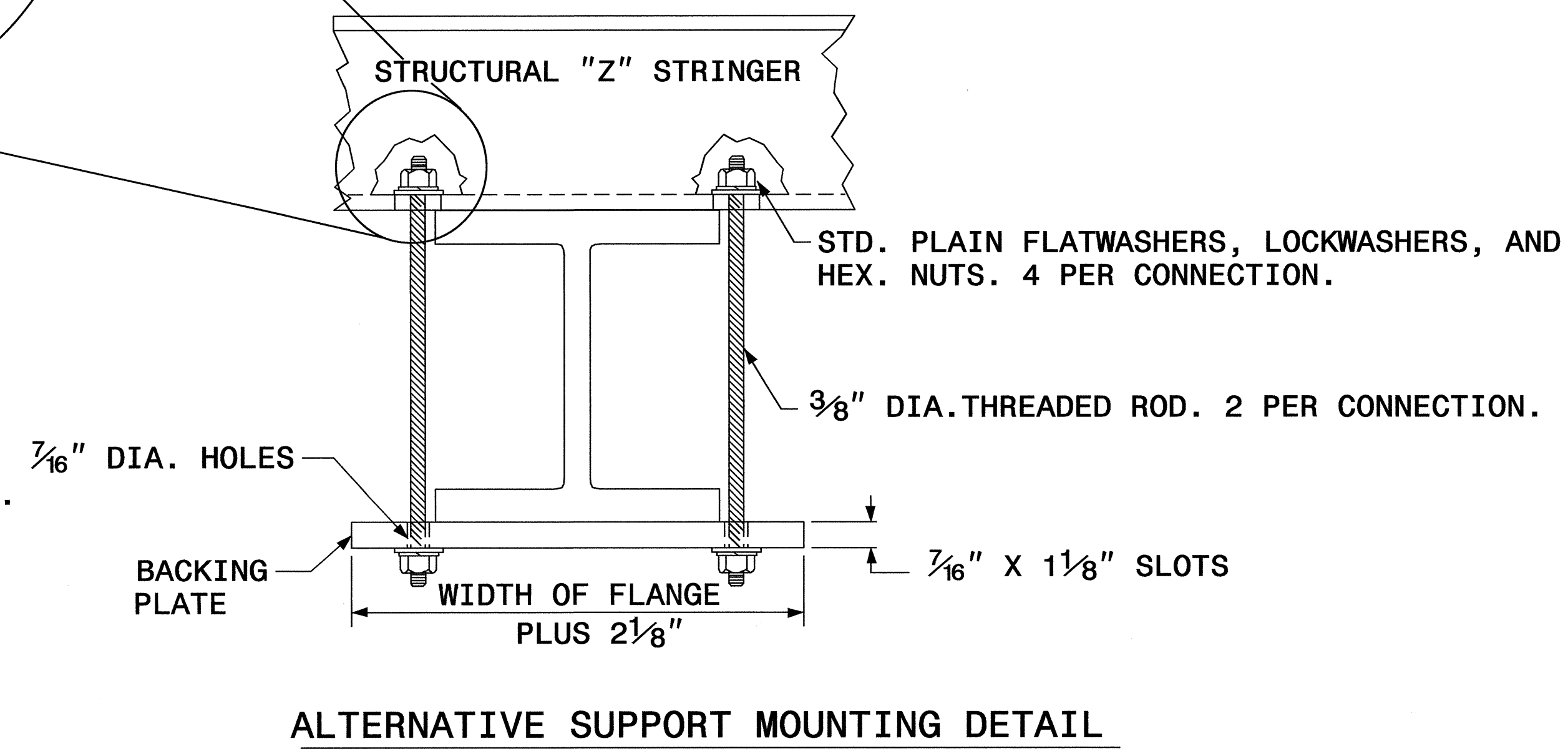
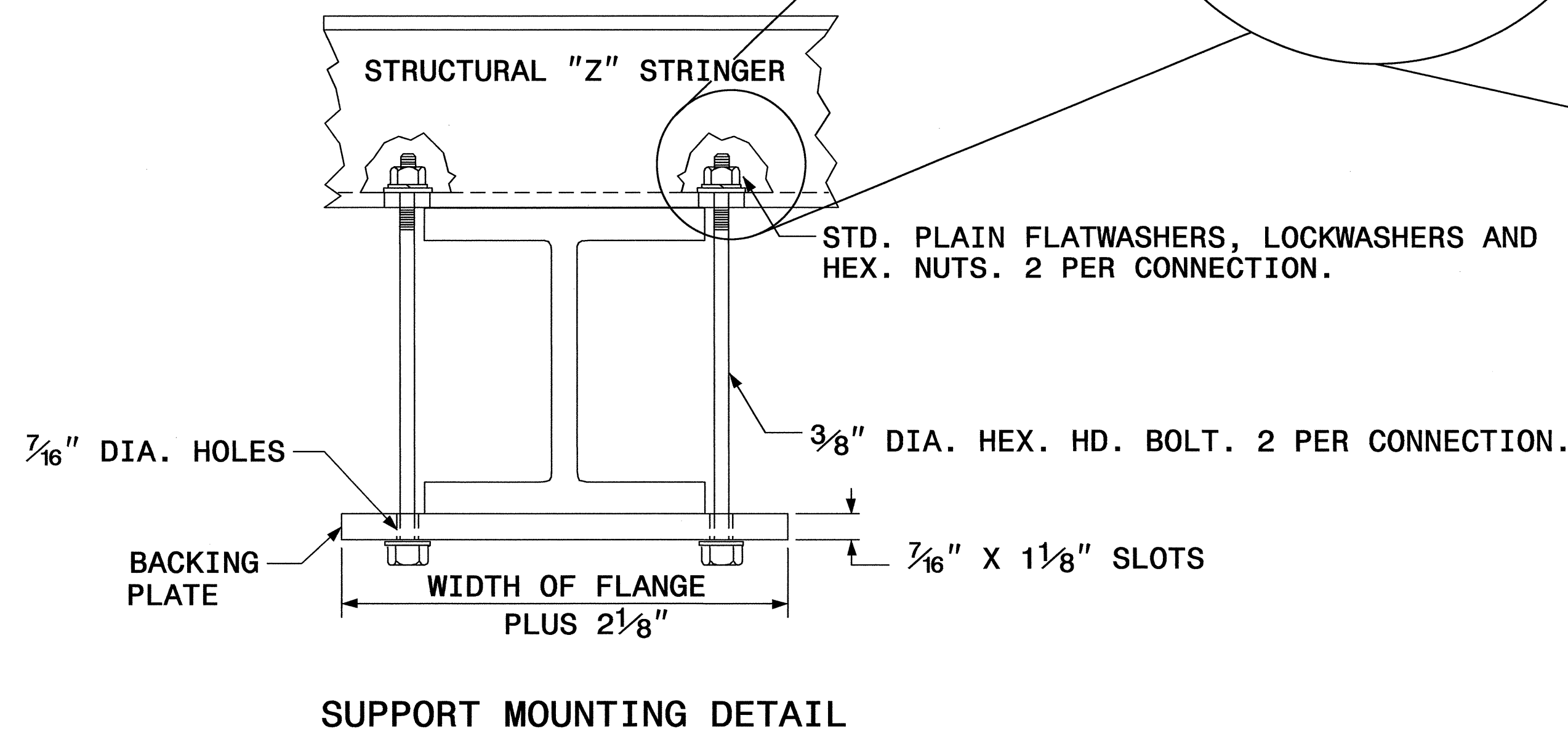
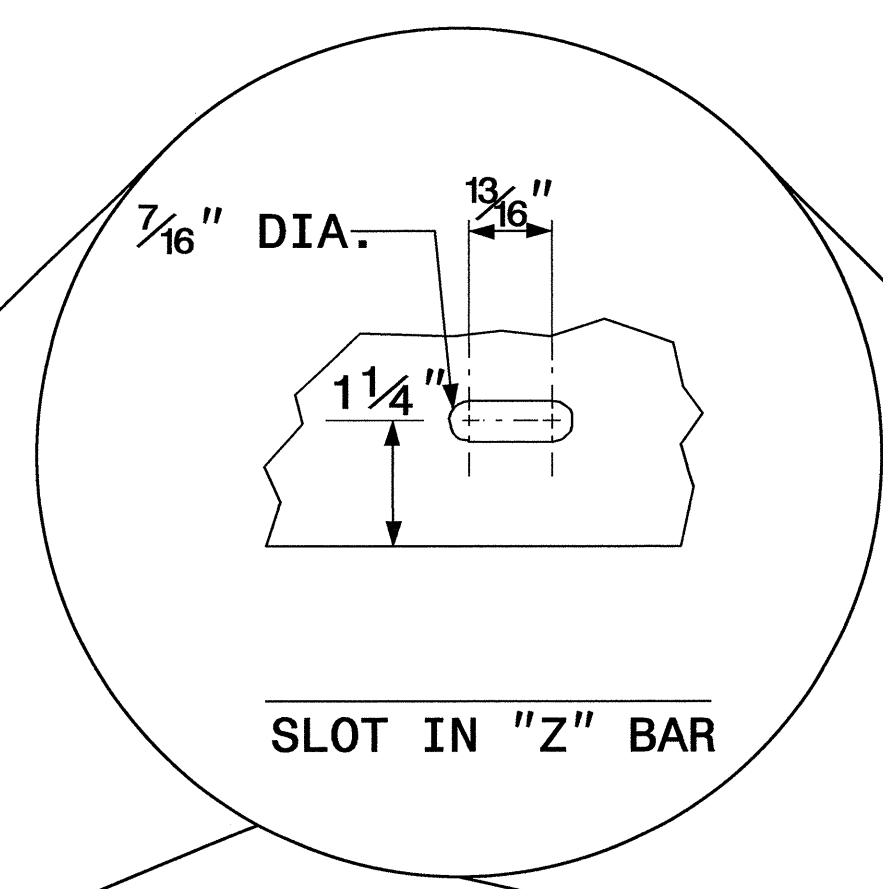
NOTES

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

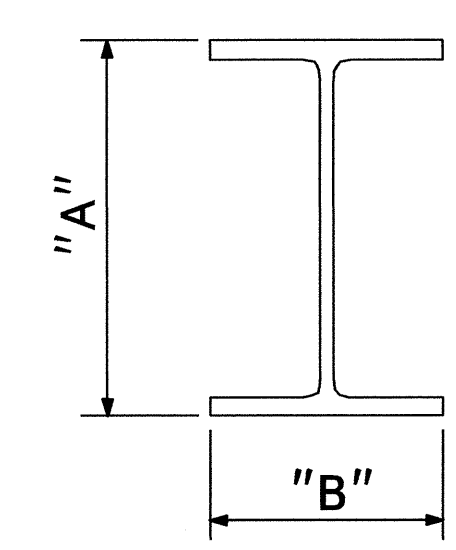


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TIP NO. U-4007A	SHEET NO. SIGN-2A
APPROVED: <i>[Signature]</i>	
DATE: 3-21-11	
SEAL	
	



SIGN SUPPORTS SECTION DIMENSIONS

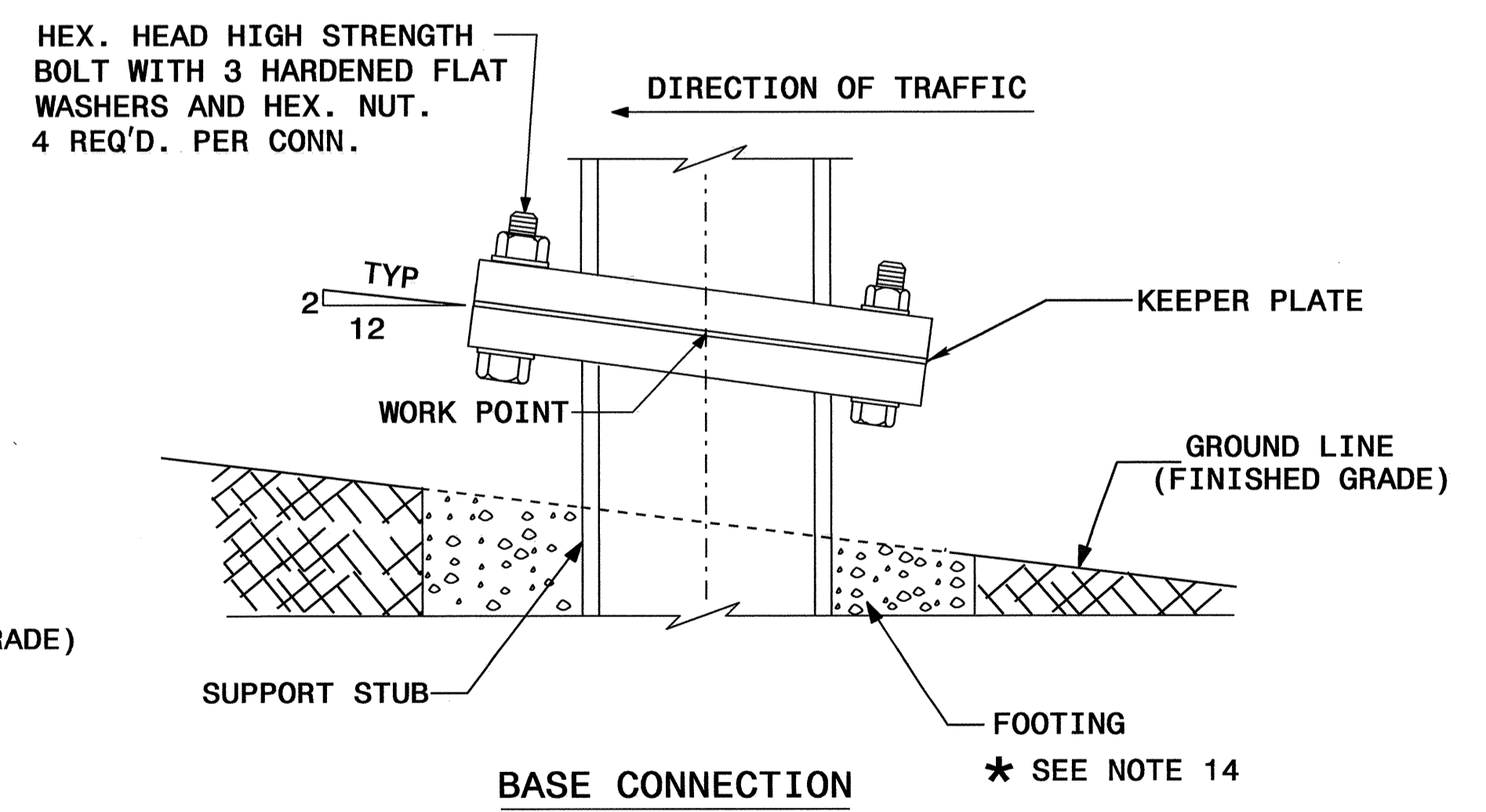
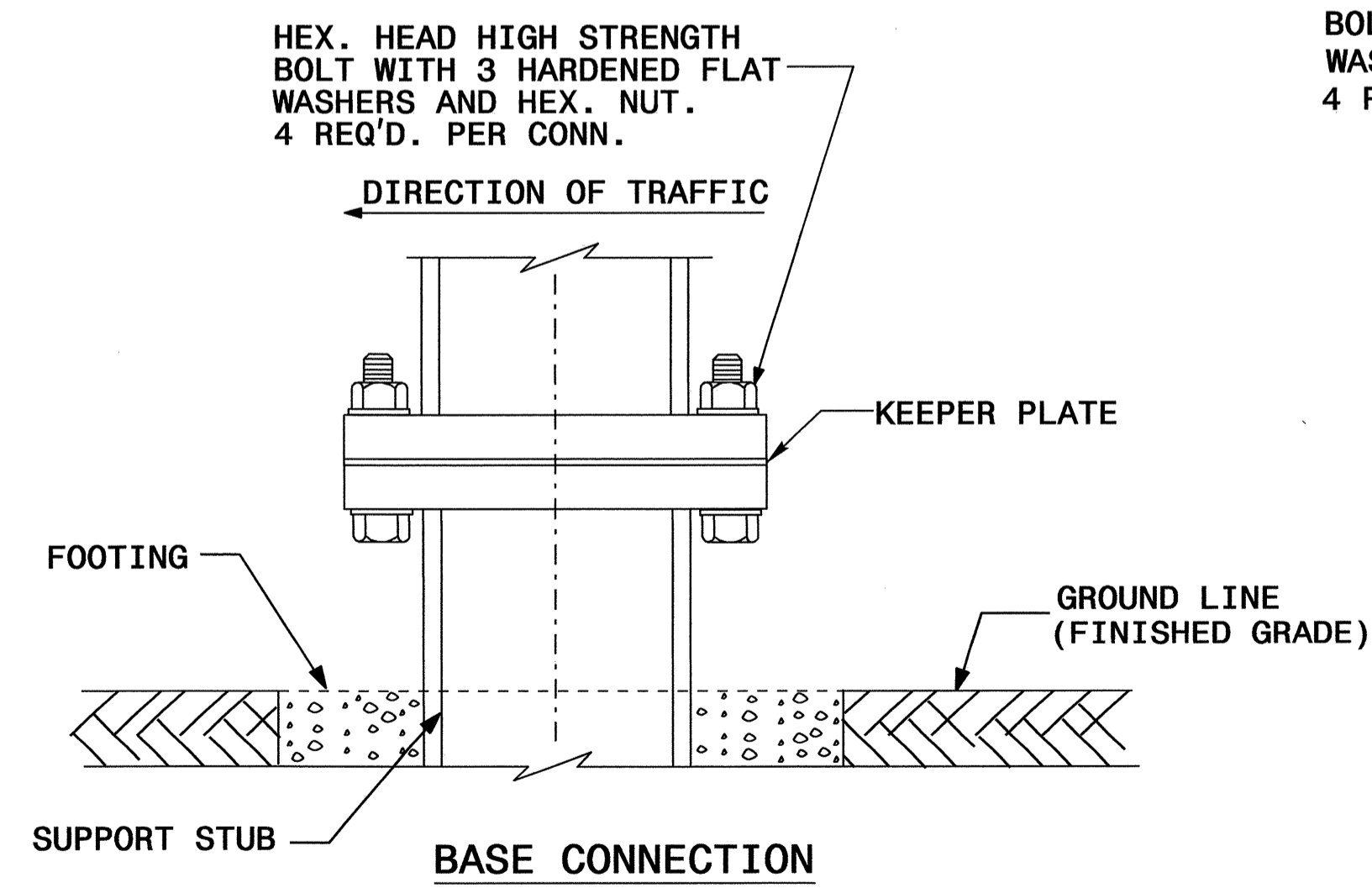
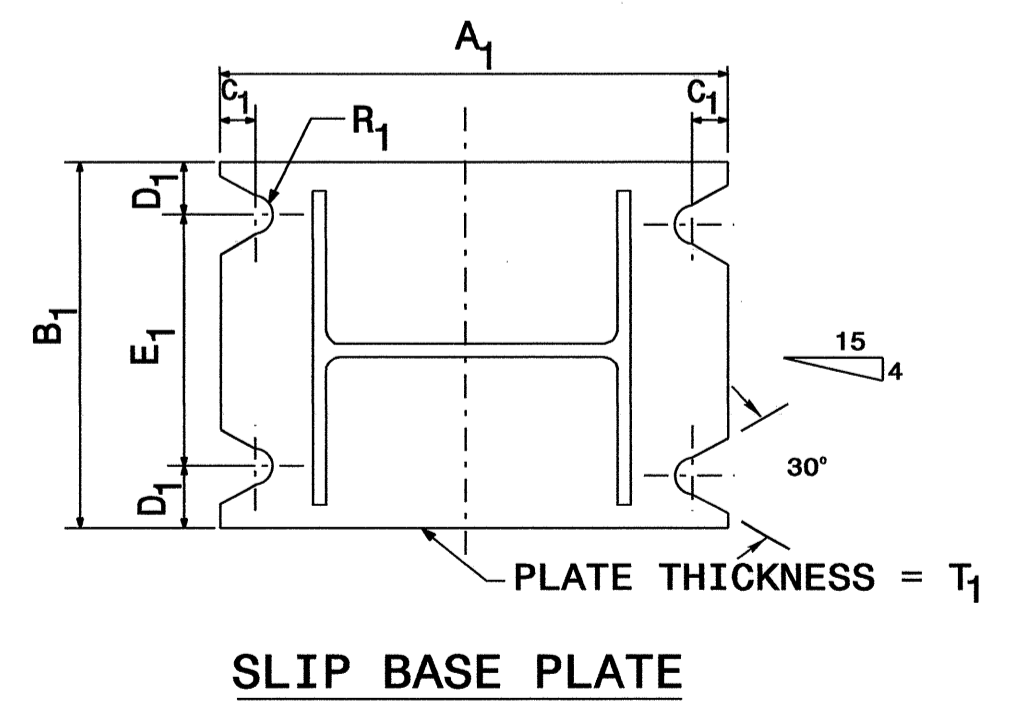
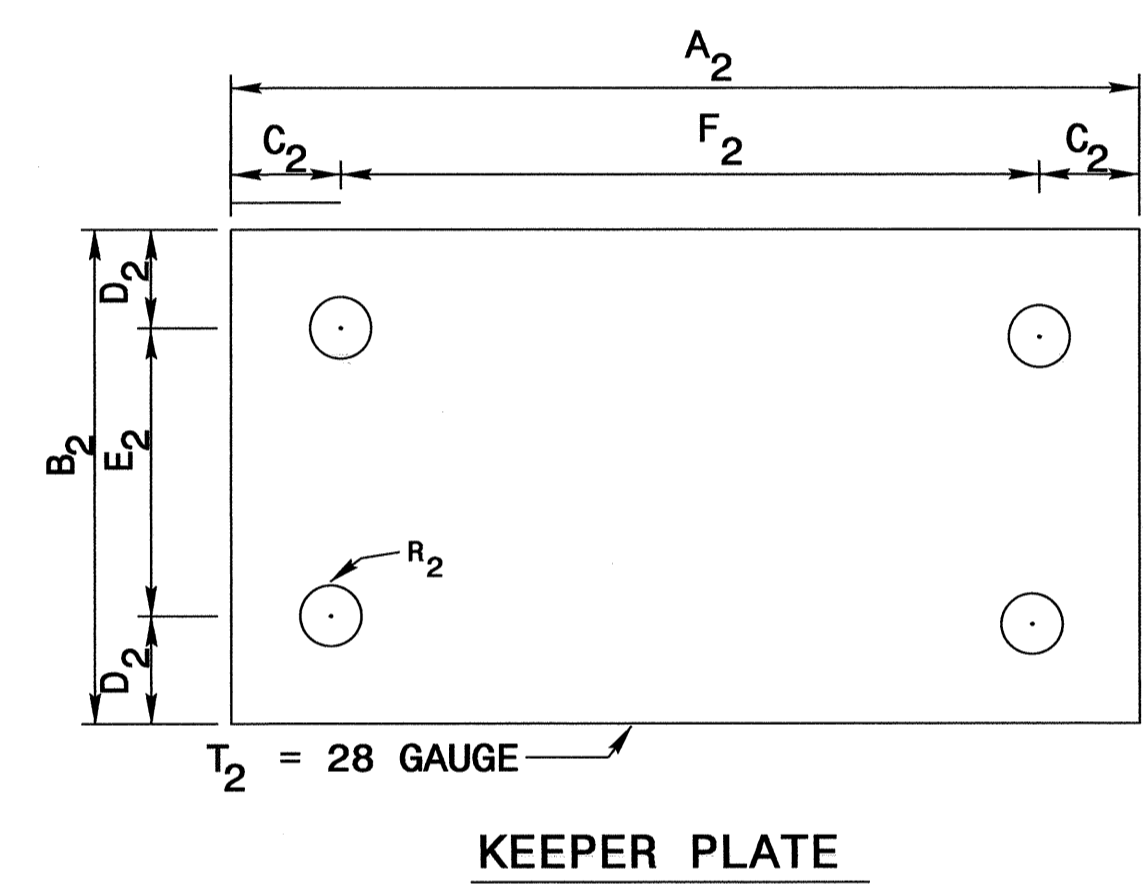
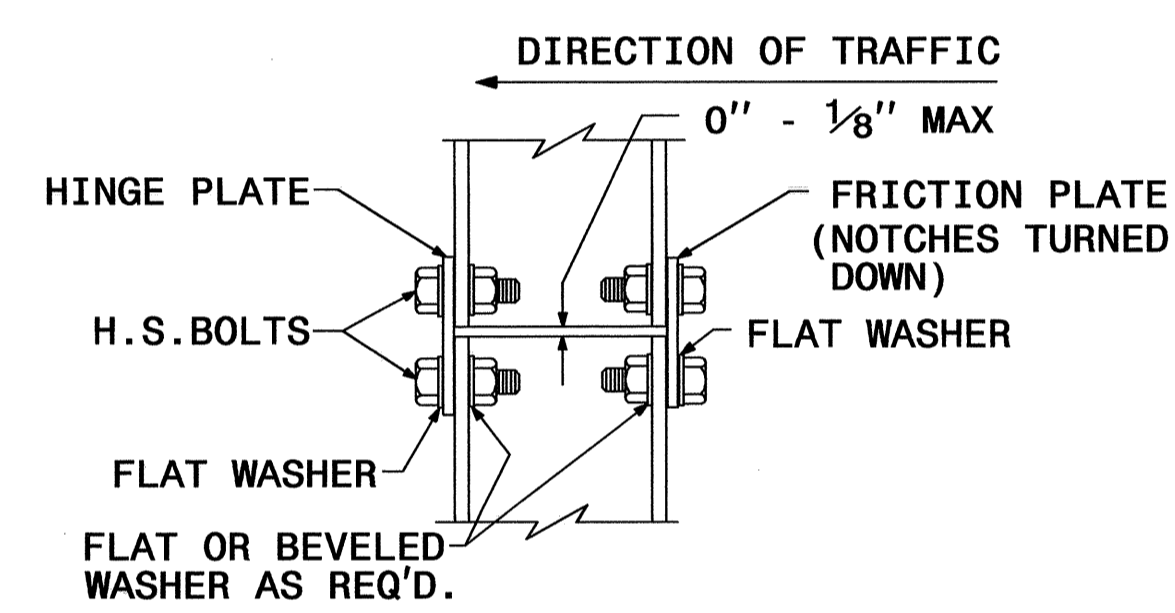
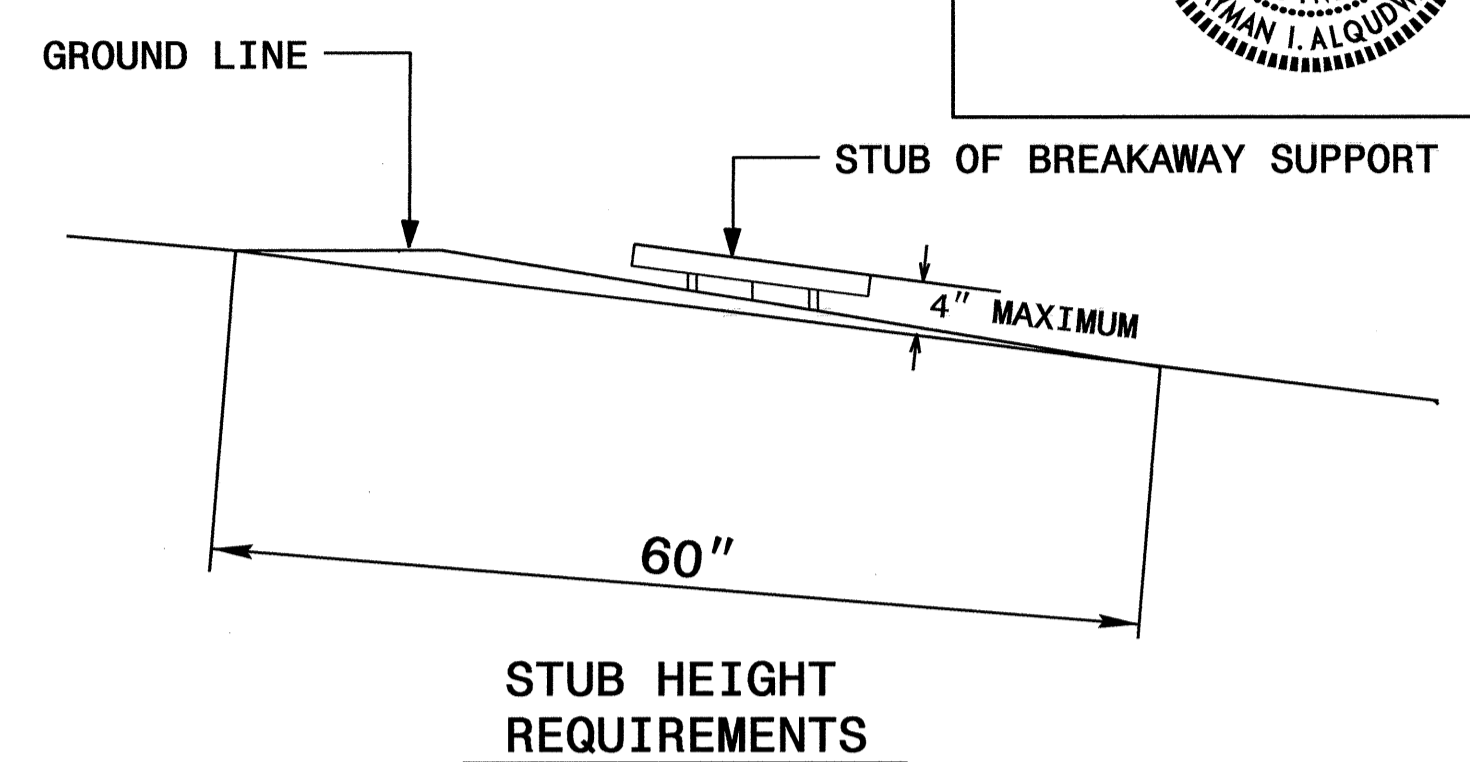
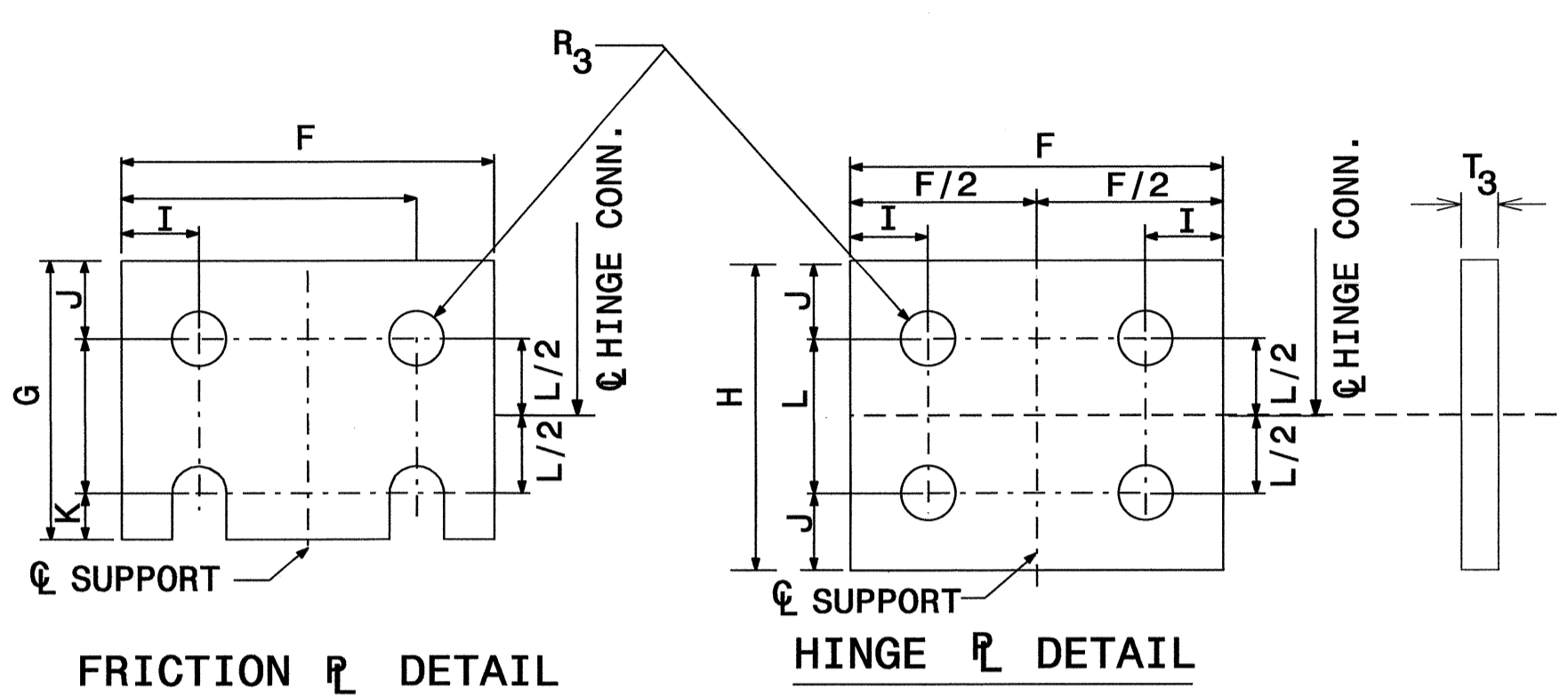
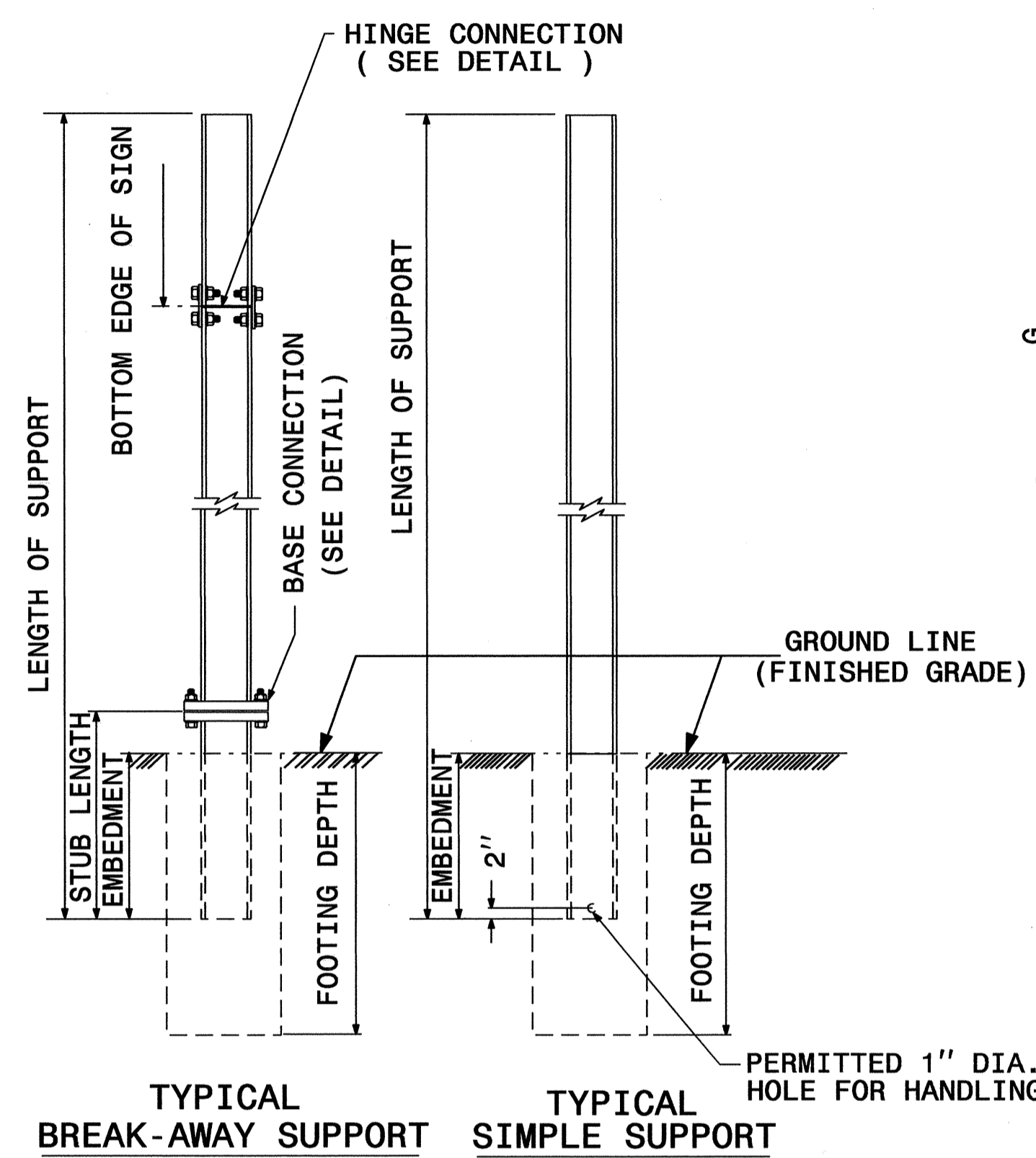


SECTION	A	B
S3 X 5.7	3"	2 3/8"
S4 X 7.7	4"	2 5/8"
W6 X 9	6"	4"
W6 X 12	6"	4"
W6 X 16	6 1/4"	4"
W8 X 18	8 1/8"	5 1/4"
W8 X 21	8 1/4"	5 1/4"
W10 X 22	10 1/8"	5 3/4"
W10 X 26	10 3/8"	5 3/4"
W12 X 26	12 1/4"	6 1/2"
W14 X 30	13 7/8"	6 3/4"
W16 X 31	15 7/8"	5 1/2"
W18 X 35	17 3/4"	6"
W18 X 40	17 7/8"	6"
W21 X 44	20 5/8"	6 1/2"

1. THE SUPPORT MOUNTING DETAIL SHOWS A "W" OR "S" BEAM. THIS DETAIL IS ALSO USED FOR MOUNTING SIGNS TO WOOD OR SQUARE TUBE SUPPORTS.
2. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS IN ACCORDANCE WITH ASTM A123.
3. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES FOR TYPE OF MATERIAL TO BE USED FOR SIGN HANGER ASSEMBLIES AND SUPPORTS.
4. USE GALVANIZED STEEL FOR MOUNTING BOLTS AND THREADED RODS IN COMPLIANCE WITH ASTM A307 AND ASTM A153.

SIGN MOUNTING DETAILS


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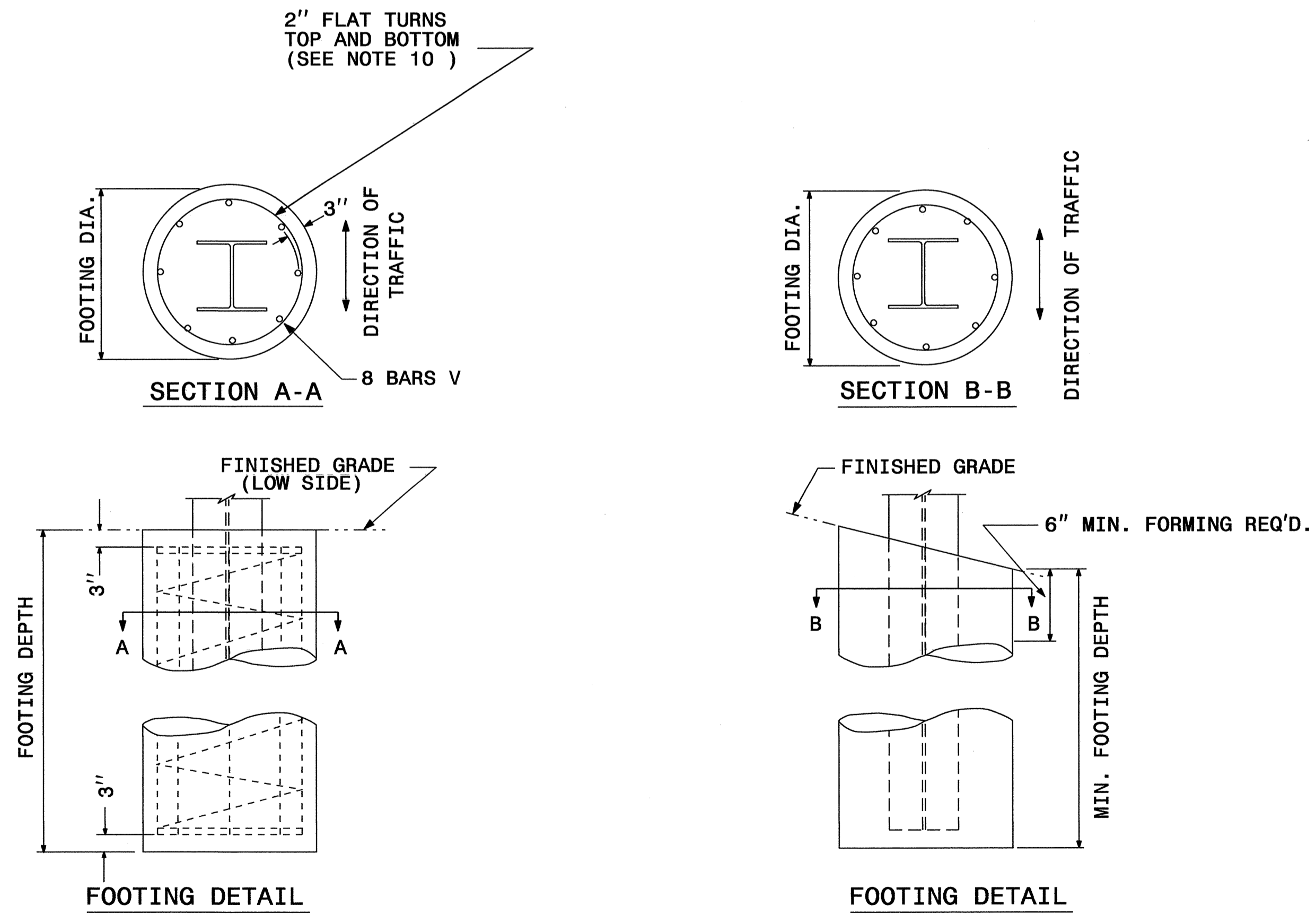
SEE SHEET SIGN-2C FOR DIMENSIONS.
SEE SHEET SIGN-2D FOR NOTES.

GROUND MOUNTED SIGN SUPPORT

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TIP NO. U-4007A	SHEET NO. SIGN-2C
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DATE: 3-21-11	
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BEAM SHAPE	SLIP BASE PLATE DATA								KEEPER PLATE DATA								HINGE CONNECTION DATA								BREAK AWAY SUPPORT WEIGHT CONSTANT LBS.	
	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	1/2"DIA. X 3"	7"	4"	1"	3/4"	2 1/2"	1"	9/32"	7"	4"	1"	3/4"	2 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 1/4"	2 1/4"	3 1/2"	4"	1 1/2"	1"	1 1/2"	2"	9/32"	3/8"	18
S4X7.7	1/2"DIA. X 3"	8"	4"	1"	3/4"	2 1/2"	1"	9/32"	8"	4"	1"	3/4"	2 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 1/4"	2 5/8"	3 1/2"	4"	1 1/2"	1"	1 1/2"	2"	9/32"	3/8"	20
W6X9	1/2"DIA. X 3"	10"	5"	1"	3/4"	3 1/2"	1"	9/32"	10"	5"	1"	3/4"	3 1/2"	9/32"	28 GAUGE	1/2"DIA. X 1 1/4"	4"	3 1/2"	4"	3/4"	1"	1 1/2"	2"	9/32"	3/8"	32
W6X12	5/8"DIA. X 3 3/4"	11"	5"	1 1/4"	7/8"	3 1/4"	1 1/4"	1 1/32"	11"	5"	1 1/4"	7/8"	3 1/4"	1 1/32"	28 GAUGE	5/8"DIA. X 2 1/4"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	1 1/32"	3/8"	39
W6X16	5/8"DIA. X 3 3/4"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/2"	1 1/32"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/32"	28 GAUGE	5/8"DIA. X 2 1/2"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	1 1/32"	1/2"	47
W8X18	5/8"DIA. X 4 1/4"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	1 1/2"	1 1/32"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	1 1/32"	28 GAUGE	5/8"DIA. X 2 1/2"	5 1/4"	4"	4 1/2"	1"	1 1/8"	5/8"	2 1/4"	1 1/32"	1/2"	70
W8X21	3/4"DIA. X 4 1/4"	14"	7"	1 1/2"	1"	5"	1 1/2"	1 3/32"	14"	7"	1 1/2"	1"	5"	1 3/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 1/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 3/32"	1/2"	73
W10X22	3/4"DIA. X 4 1/4"	16"	8"	1 1/2"	1"	6"	1 1/2"	1 3/32"	16"	8"	1 1/2"	1"	6"	1 3/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 3/32"	1/2"	119
W10X26	3/4"DIA. X 4 3/4"	16 1/2"	8"	1 1/2"	1"	6"	1 3/4"	1 3/32"	16 1/2"	8"	1 1/2"	1"	6"	1 3/32"	28 GAUGE	3/4"DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 3/32"	5/8"	140
W12X26	3/4"DIA. X 4 3/4"	18 1/2"	9"	1 1/2"	1"	7"	1 3/4"	1 3/32"	18 1/2"	9"	1 1/2"	1"	7"	1 3/32"	28 GAUGE	3/4"DIA. X 2 3/4"	6 1/2"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1 3/32"	5/8"	176
W14X30	1"DIA. X 5"	22"	9"	2"	1 1/2"	6"	2"	1 7/32"	22"	9"	2"	1 1/2"	6"	1 7/32"	28 GAUGE	1"DIA. X 3"	6 3/4"	7"	8"	1 1/4"	2"	1"	4"	1 7/32"	5/8"	205
W16X31	1"DIA. X 5"	24"	9"	2"	1 1/2"	6"	2"	1 7/32"	24"	9"	2"	1 1/2"	6"	1 7/32"	28 GAUGE	1"DIA. X 3 1/4"	5 1/2"	7"	8"	1 1/4"	2"	1"	4"	1 7/32"	3/4"	223
W18X35	1"DIA. X 5"	25"	9"	2"	1 1/2"	6"	2"	1 7/32"	25"	9"	2"	1 1/2"	6"	1 7/32"	28 GAUGE	1"DIA. X 3 1/4"	6"	7"	8"	1 1/4"	2"	1"	4"	1 7/32"	3/4"	243
W18X40	1"DIA. X 5 1/2"	26"	9"	2"	1 1/2"	6"	2 1/4"	1 7/32"	26"	9"	2"	1 1/2"	6"	1 7/32"	28 GAUGE	1"DIA. X 3 3/4"	6"	7"	8"	1 1/4"	2"	1"	4"	1 7/32"	7/8"	278
W21X44	1"DIA. X 5 1/2"	29"	9"	2"	1 1/2"	6"	2 1/2"	1 7/32"	29"	9"	2"	1 1/2"	6"	1 7/32"	28 GAUGE	1"DIA. X 3 3/4"	6 1/2"	7"	8"	1 1/4"	2"	1"	4"	1 7/32"	7/8"	310




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

* FOUNDATION DIMENSIONS ARE SHOWN IN PLANS SEE SHEET SIGN-2D FOR NOTES.

GROUND MOUNTED SIGN SUPPORT

I:\MAR-2011\346
 P:\TIPF\Projects\U4007\Traffic\Signing\CADD\Quantities & GM Signs\U4007a.sgn_title.dgn
 AT T247308
 meeton

TIP NO. U-4007A	SHEET NO. SIGN-2D
APPROVED: <i>[Signature]</i>	
DATE: 3-21-11	
SEAL	
	

NOTES:

1. DESIGN CONFORMS WITH THE SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS - A.A.S.H.T.O.
2. USE MATERIALS, FABRICATE AND ERECT SIGNS AND SUPPORTS THAT CONFORM TO THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
3. USE HIGH STRENGTH BOLTS, NUTS AND WASHERS THAT CONFORM TO A.S.T.M. A-325 AND THAT ARE GALVANIZED IN ACCORDANCE WITH A.S.T.M. A-153.
4. USE BACKING PLATES, SLIP BASE PLATES, FRICTION PLATES, AND HINGE PLATES THAT CONFORM TO A.S.T.M. A-36 AND THAT ARE GALVANIZED IN ACCORDANCE WITH A.S.T.M. A-123 PRIOR TO GALVANIZING, GRIND SMOOTH ANY METAL PROJECTION BEYOND THE PLATE FACE. KEEPER PLATES SHALL BE MANUFACTURED FROM 28 GAUGE SHEET STEEL THAT CONFORMS TO A.S.T.M. A-36 AND IS GALVANIZED IN ACCORDANCE WITH A.S.T.M. A-123
5. ASSEMBLE HINGE CONNECTIONS IN THE SHOP. SHOP TIGHTEN BOLTS BY USE OF EITHER A CALIBRATED POWER WRENCH OR A MANUAL TORQUE WRENCH. TIGHTEN EACH HINGE CONNECTION BOLT TO 1/3 PAST SNUG.
6. BASE PLATES DETAILS ARE FOR INSTALLATIONS ON THE RIGHT SHOULDER AND IN GORE AREAS.
7. ASSEMBLE UPPER SUPPORT TO STUB AS SHOWN IN DETAIL. SLIP BASE PLATES SHALL BE FILLET WELDED ONTO POSTS ALL AROUND THE STRUCTURAL SHAPE SO AS TO INSURE NO LOSS OF STRENGTH. ASSEMBLE IN EITHER SHOP OR FIELD. 28 GAUGE KEEPER PLATE IS PLACED BETWEEN SLIP BASE PLATES TO PREVENT BOLT SLIPPING. TIGHTEN BOLTS TO THE FOLLOWING PRESCRIBED TORQUE:

BOLT DIAMETER	TORQUE (LB. FT.)
1/2"	9
5/8"	22
3/8"	37
1"	48

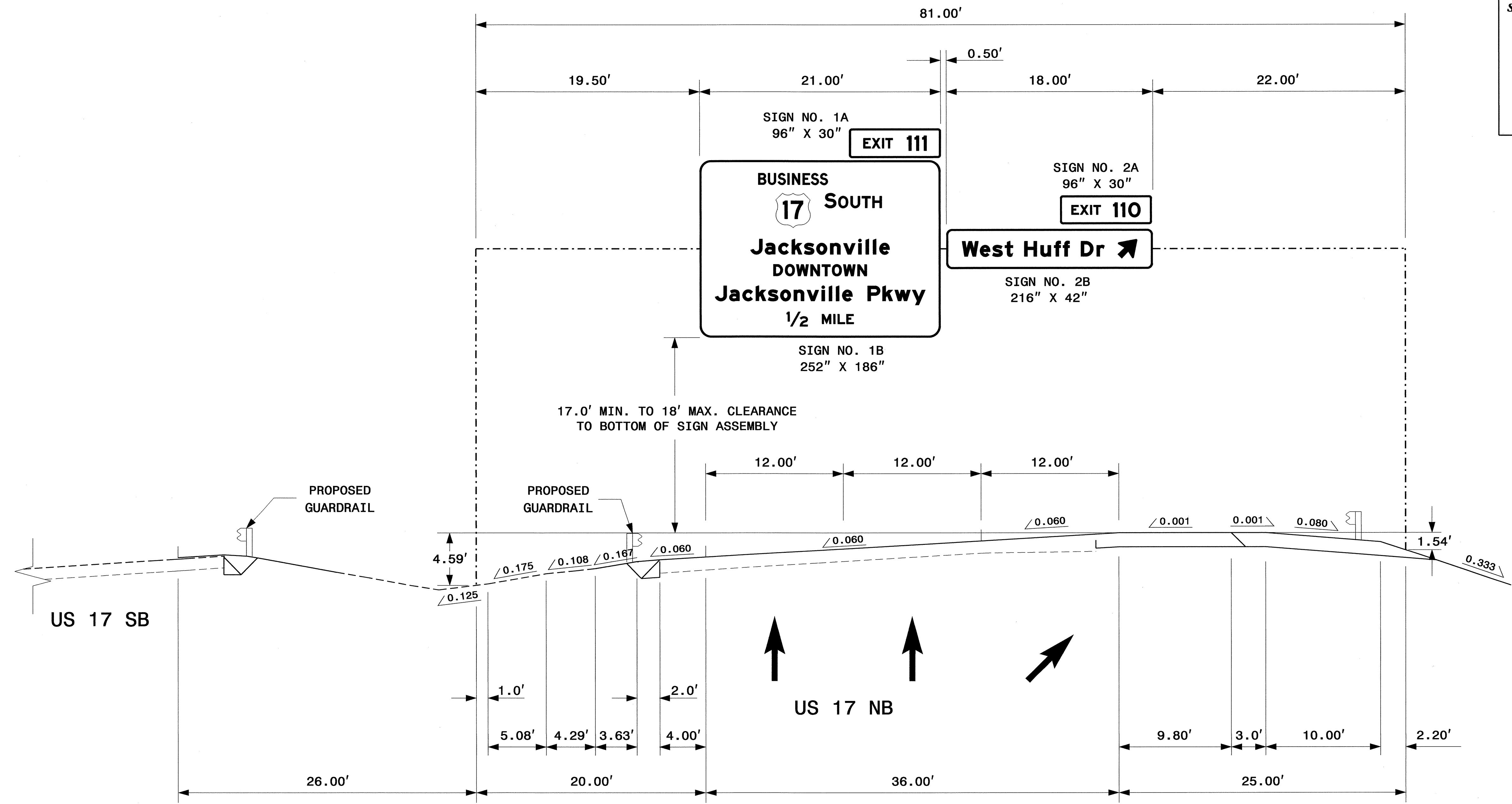
COMPLETELY ASSEMBLE B/A POSTS PRIOR TO ERECTION. B/A POST TO BE SET IN ONE PIECE. AFTER SUPPORT HAS BEEN ERECTED AND THE CONCRETE FOOTINGS HAS CURED AT LEAST 48 HRS., CLEAN CONCRETE FROM BASE CONNECTION BOLTS THEN LOOSEN AND RETIGHTEN EACH BOLT IN A SYSTEMATIC ORDER TO THE PRESCRIBED TORQUE. DO NOT OVERTIGHTEN. BURR ALL BOLT THREADS OF BASE CONNECTIONS TO PREVENT LOOSENING.

8. USE REINFORCED FOOTINGS WITH DIMENSIONS AS SHOWN IN PLANS. WHERE SOLID ROCK IS ENCOUNTERED, THE ENGINEER DIRECTS WHETHER TO PLACE THE FOOTING AT THE PRESCRIBED DEPTH OR EXTEND IT AT LEAST TWO FEET INTO THE ROCK. CONSTRUCT ALL FOOTINGS OF CLASS A CONCRETE.
9. FORM TOP 6" OF FOOTINGS. ENGINEER APPROVES THE METHOD USED.
10. THE FINAL FLAT TURN OF SPIRAL OR HOOPS NO. 3 OR LARGER PLACED 3" FROM TOP AND BOTTOM OF FOOTING MAY BE WELDED TO VERTICAL REINFORCING BARS. NO OTHER WELDING WILL BE PERMITTED.
11. ELIMINATE HINGE CONNECTION FOR ALL SINGLE SUPPORT SIGNS.
12. DETAIL IS FOR ONE DIRECTION BREAKAWAY. WHEN PLANS REQUIRE A TWO DIRECTION BREAKAWAY, TWO FRICTION PLATES SHALL BE USED IN LIEU OF ONE FRICTION PLATE AND ONE HINGE PLATE.
13. SHAPE THE TOPS OF THE FOOTINGS TO CONFORM WITH FINISHED GROUND ELEVATIONS SUCH THAT WATER WILL NOT COLLECT AGAINST THE SUPPORTS.
14. IF THE GROUNDWATER IS ENCOUNTERED AT AN DEPTH SHALLOWER THAN 7 FEET, THE SIGN FOUNDATION MUST BE REDESIGNED BASED UPON THE ACTUAL FIELD CONDITIONS. THE FOUNDATION DESIGN DOES NOT APPLY TO VERY SOFT OR LOOSE SOIL, MUCK, WEATHERED ROCK, OR HARD ROCK.

GROUND MOUNTED SIGN SUPPORT

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-4007A	SIGN-3	


APPROVED: *[Signature]*
DATE: 5-31-11

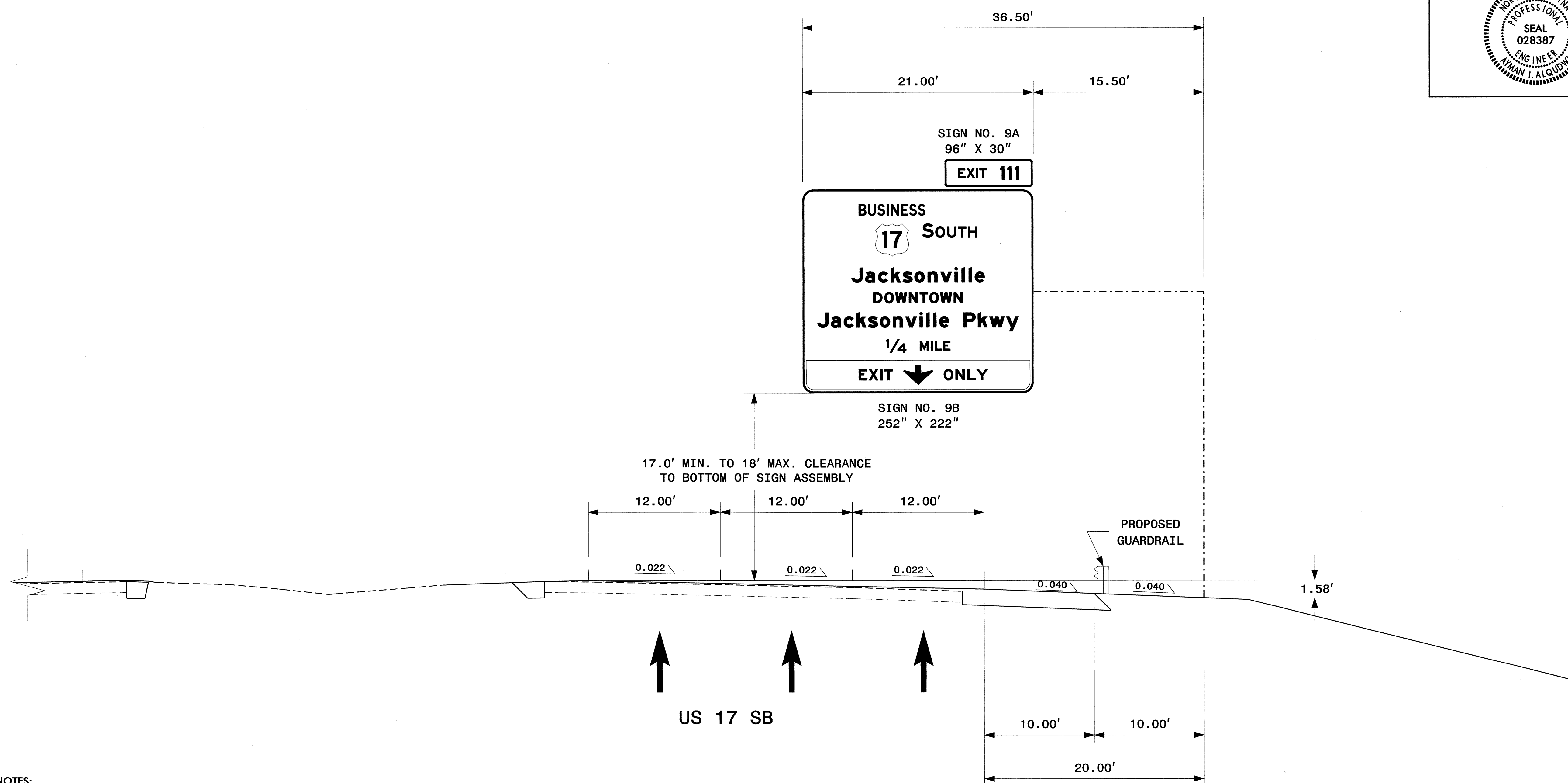


NOTES:

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 4 INCHES AND NOT MORE THAN 24 INCHES 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 130 M.P.H.

OVERHEAD SIGN ASSEMBLY
AT STA. 32+20.48 -Y2-

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-4007A	SIGN-4	
APPROVED: <i>[Signature]</i>			
DATE: 5-31-11			
SEAL			
			

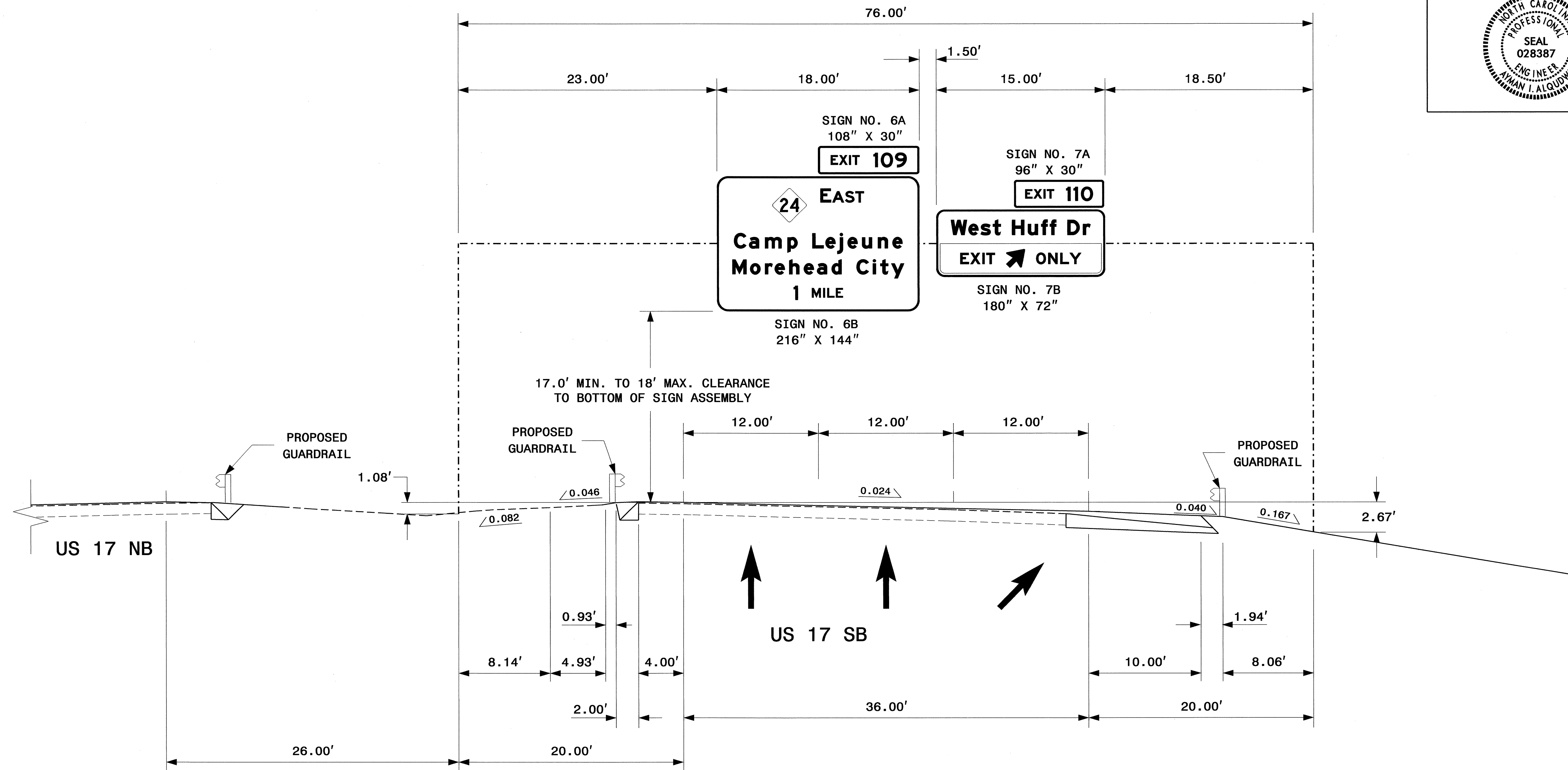


NOTES:

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 4 INCHES AND NOT MORE THAN 24 INCHES 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 130 M.P.H.

**OVERHEAD SIGN ASSEMBLY
AT STA. 47+50 -Y2-**


STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-4007A	SIGN-5	
APPROVED: <i>[Signature]</i>			
DATE: 5-31-11			
SEAL			

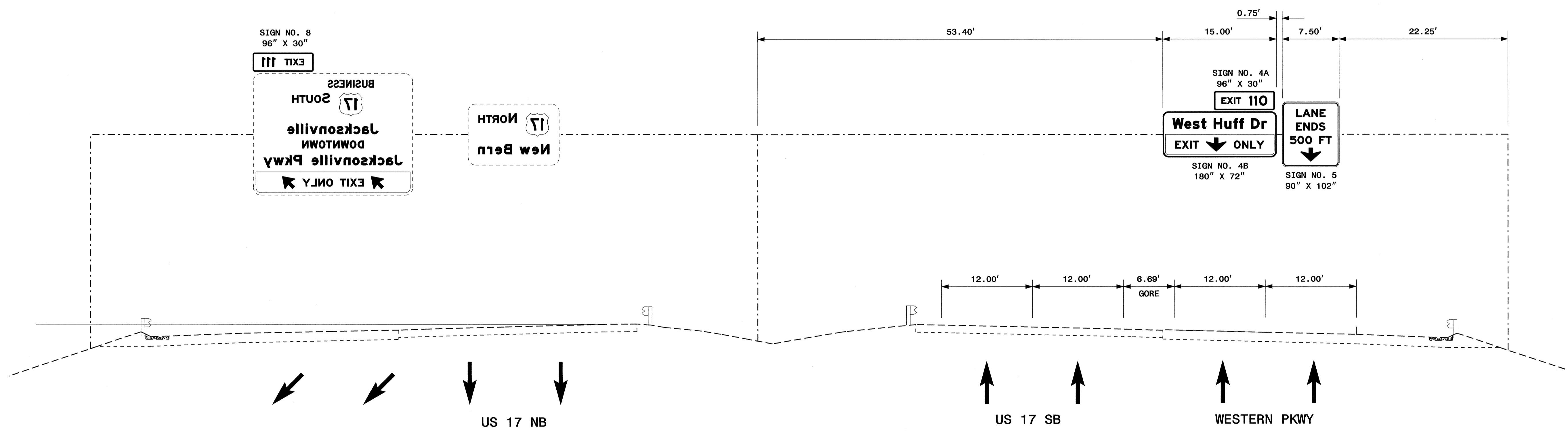


NOTES:

- IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
- MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
- 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.
- THE TOP OF THE FOOTING SHALL EXTEND AT LEAST 4 INCHES AND NOT MORE THAN 24 INCHES ABOVE THE HIGHEST POINT OF THE GROUND SURFACE AT THE FOOTING.
- SIGN HANGERS AND ATTACHMENT HARDWARE SHALL BE PROVIDED AND INSTALLED ON THE ASSEMBLY TO ACCOMMODATE ALL SIGNS SHOWN IN THIS PLAN SHEET.
- DESIGN AND CONSTRUCTION REQUIREMENTS FOR SIGN STRUCTURES SHALL ACCOMMODATE WIND VELOCITY OF 130 M.P.H.

**OVERHEAD SIGN ASSEMBLY
AT STA. 50+00 -Y2-**

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-4007A	SIGN-6	
APPROVED: <i>[Signature]</i>			
DATE: 5-31-11			
SEAL			
			

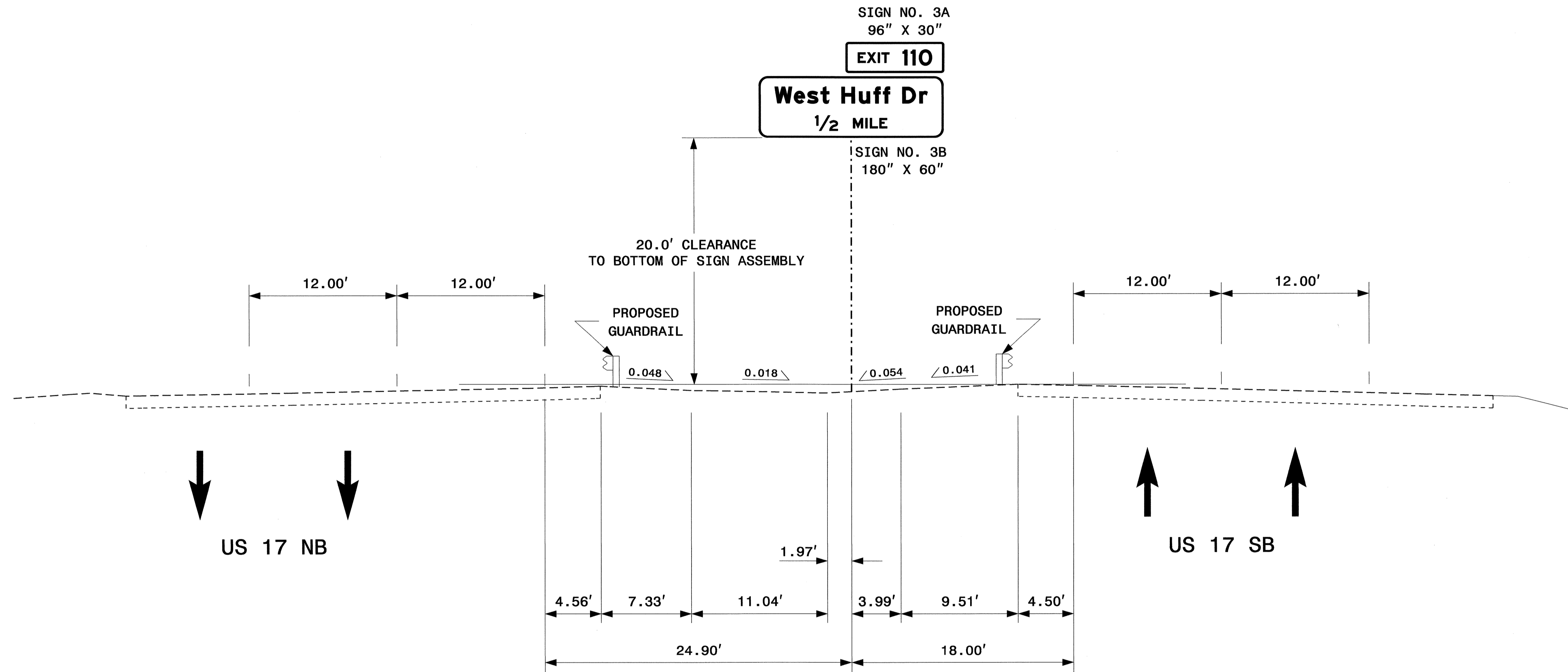


NOTES:

- 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. 65+00 -Y2-

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-4007A	SIGN-7	
APPROVED: <i>[Signature]</i>			
DATE: 5-31-11			
SEAL			




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 4 INCHES AND NOT MORE THAN 24 INCHES 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 130 M.P.H.

**OVERHEAD SIGN ASSEMBLY
AT STA. 77+00 -Y2-**

TIP NO. U-4007A	SHEET NO. SIGN-8
APPROVED: <i>[Signature]</i>	
DATE: 5-31-11	
SEAL	



SIGN NUMR: 0B
TYPE: A Overhead
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: U-4007A

CHK BY: DIV: 3

STD #: SSTN
DATE: Oct 05, 2010


N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRAFFIC ENGINEERING BRANCH
SIGNING DEPARTMENT

SIGN WIDTH: 18'-0"
HEIGHT: 12'-0"
TOTAL AREA: 216.0 Sq.Ft.

SYMBOL	X	Y	WID	HT
W1-5-2-36-15C	89.3	95	36	36

MAT'L: 0.125" ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADI: 12"
NO. Z BARS: 3
LENGTH: 208.0"



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 2000	46.4
EM 2000	179.5
EM 2000	183
E 2000	52.6

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: U-4007A

CHK BY: DIV: 3

STD #: SSTN
DATE: May 31, 2011


N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRAFFIC ENGINEERING BRANCH
SIGNING DEPARTMENT

SIGN WIDTH: 21'-0"
HEIGHT: 18'-6"
TOTAL AREA: 388.5 Sq.Ft.
EXIT PANEL AREA: 54.2 Sq.Ft.

SYMBOL	X	Y	WID	HT
W1_4	79.8	149	36	36
ARDOWN	110	9	32.1	22

MAT'L: 0.125" ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADI: 12"
NO. Z BARS: 6
LENGTH: 244.0"



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 A sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 244" X 32"

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	72.6
E 2000	59.8
EM 2000	145.2
EM 2000	97.6
EM 2000	219.7
E 2000	70.1
E 2000	36.7
E 2000	47.9

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

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

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: U-4007A

CHK BY: DIV: 3

STD #: SSTN
DATE: May 31, 2011

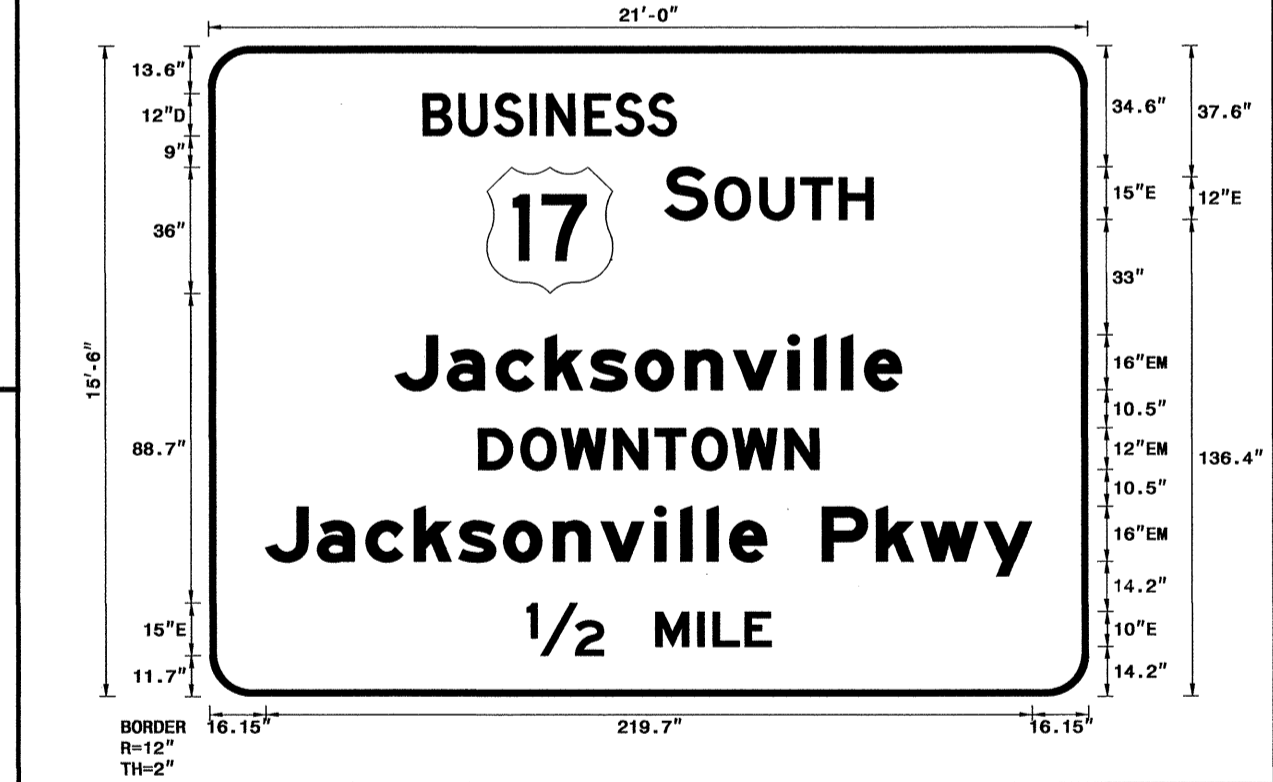
N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRAFFIC ENGINEERING BRANCH
SIGNING DEPARTMENT

SIGN WIDTH: 21'-0"
HEIGHT: 15'-6"
TOTAL AREA: 325.5 Sq.Ft.

SYMBOL	X	Y	WID	HT
W1_4	79.8	115.4	36	36

MAT'L: 0.125" ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADI: 12"
NO. Z BARS: 6
LENGTH: 244.0"



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
D 2000	72.6
E 2000	59.8
EM 2000	145.2
EM 2000	97.6
EM 2000	219.7
E 2000	70.1

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

3-MAY-2011 11:35 P:\P\Projects\U4007a\Traffic\Signing\CADD\Sign Designs\U4007a_sgn_s1gns.dgn meason AT 11:27:50

SIGN DESIGNS

TIP NO. U-4007A	SHEET NO. SIGN-9
APPROVED: <i>[Signature]</i>	
DATE: 5-31-11	
SEAL	



SEAL
028387
ENGINEER
I. ALQODWAH

SIGN NUMR: 2B TYPE: A Overhead QUANTITY: 1	BACKG. COLOR: Green COPY COLOR: White	DESIGN BY: DME PROJECT ID: U-4007A	CHK BY: DIV: 3	STD #: SSTN DATE: May 31, 2011	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH SIGNING DEPARTMENT
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SIGN WIDTH: 18'-0"
HEIGHT: 3'-6"
TOTAL AREA: 63.0 Sq.Ft.

SYMBOL	X	Y	WID	HT
ARSHRT	179.3	10.9	22.4	25.2

MAT'L: 0.125" ALUMINUM

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

NO. Z BARS: 2
LENGTH: 208.0"



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	
W	e	s	t	H	u	f	f	D	r				EM 2000	
16.5	18.8	13	13.1	8.3	12	17	14.2	9.2	6.7	12	16.6	8	50.7	148.8

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 4B TYPE: A Overhead QUANTITY: 1	BACKG. COLOR: Green COPY COLOR: White	DESIGN BY: DME PROJECT ID: U-4007A	CHK BY: DIV: 3	STD #: SSTN DATE: May 31, 2011	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH SIGNING DEPARTMENT
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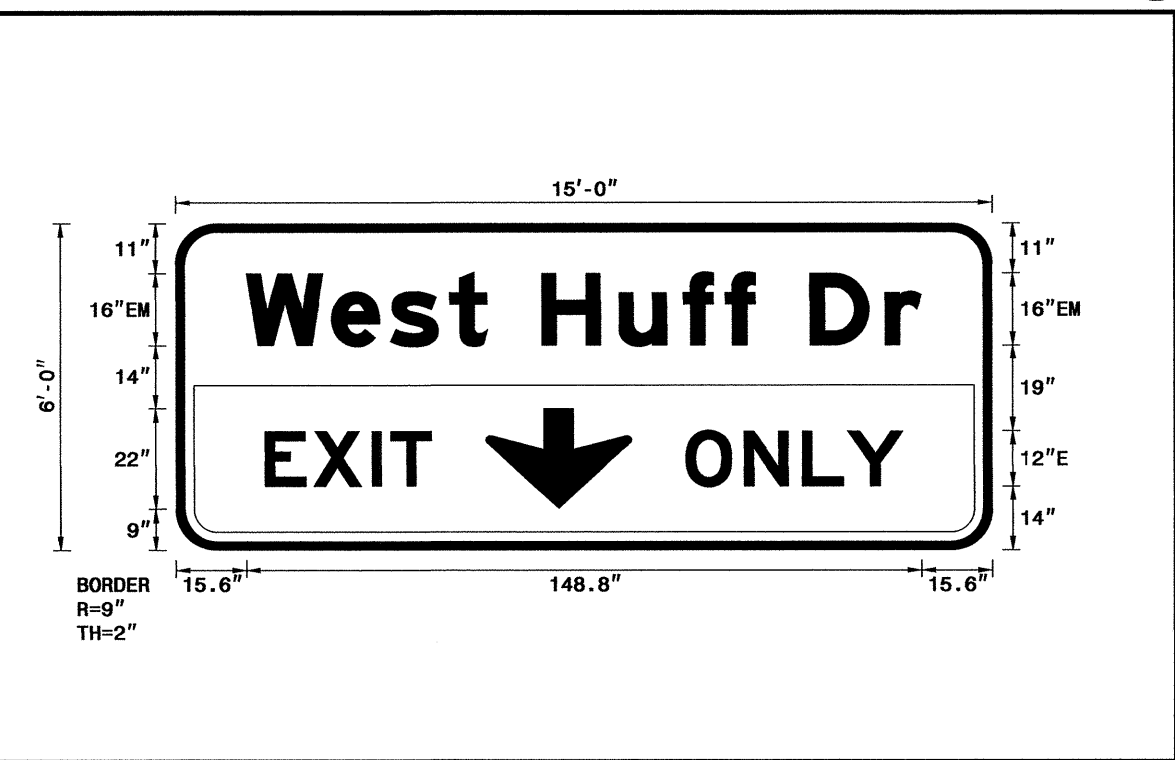
SIGN WIDTH: 15'-0"
HEIGHT: 6'-0"
TOTAL AREA: 90.0 Sq.Ft.
EXIT PANEL AREA: 38.2 Sq.Ft.

SYMBOL	X	Y	WID	HT
ARDDWN	68.4	9	32.1	22

MAT'L: 0.125" ALUMINUM

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

NO. Z BARS: 2
LENGTH: 172.0"



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 A sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 172" X 32"

Letter spacings are to start of next letter													Series/Size Text Length	
W	e	s	t	H	u	f	f	D	r				EM 2000	
15.6	18.8	13	13.1	8.3	12	17	14.2	9.2	6.7	12	16.6	8	15.6	148.8
E	X	I	T											E 2000
19.7	10.7	12.8	4.2	9	123.6									36.7
O	N	L	Y											E 2000
112.4	12.8	12.8	10	12.2	19.7									47.9

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 3B TYPE: A Overhead QUANTITY: 1	BACKG. COLOR: Green COPY COLOR: White	DESIGN BY: DME PROJECT ID: U-4007A	CHK BY: DIV: 3	STD #: SSTN DATE: May 31, 2011	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH SIGNING DEPARTMENT
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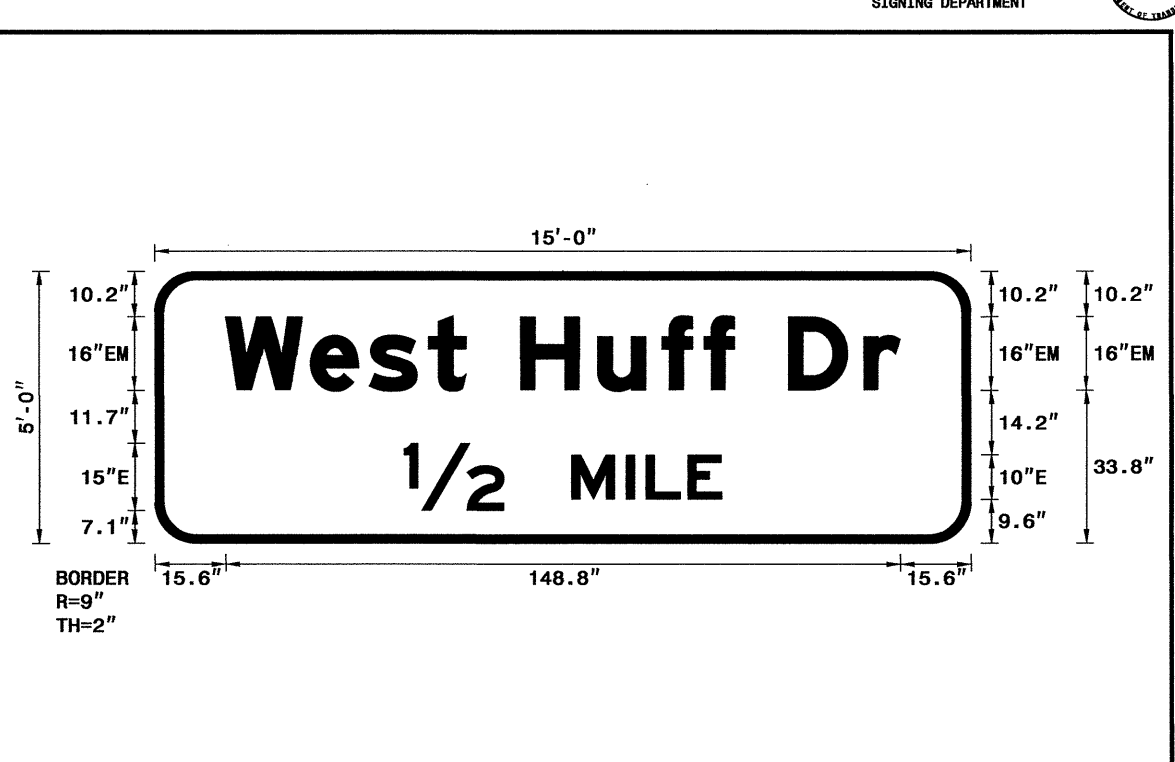
SIGN WIDTH: 15'-0"
HEIGHT: 5'-0"
TOTAL AREA: 75.0 Sq.Ft.

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" ALUMINUM

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

NO. Z BARS: 2
LENGTH: 172.0"



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	
W	e	s	t	H	u	f	f	D	r				EM 2000	
15.6	18.8	13	13.1	8.3	12	17	14.2	9.2	6.7	12	16.6	8	15.6	148.8
1/2	M	I	L	E										E 2000
55	22	15	12	4.4	9.2	7.5	55							70.1

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 5 TYPE: A Overhead QUANTITY: 1	BACKG. COLOR: Yellow COPY COLOR: Black	DESIGN BY: DME PROJECT ID: U-4007A	CHK BY: DIV: 3	STD #: SSTN DATE: Oct 05, 2010	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH SIGNING DEPARTMENT
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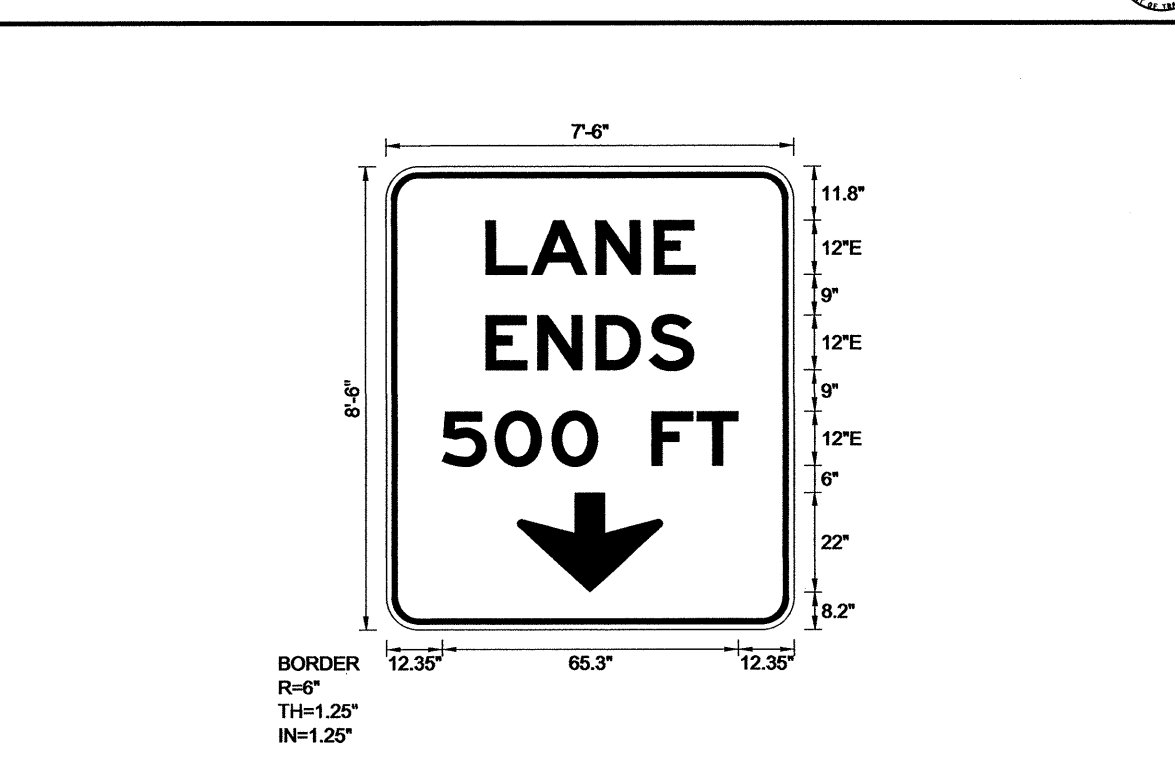
SIGN WIDTH: 7'-6"
HEIGHT: 8'-6"
TOTAL AREA: 63.8 Sq.Ft.

SYMBOL	X	Y	WID	HT
ARDDWN	29	8.2	32	22

MAT'L: 0.125" ALUMINUM

BORDER TYPE: FLUSH
RECESS: 1.25"
WIDTH: 1.25"
RADII: 6"

NO. Z BARS: 3
LENGTH: 82.0"



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 0.032" 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	A	N	E										E 2000
22.1	10	14.3	12.8	9	21.8								46.1
E	N	D	S										E 2000
22.1	11.4	12.8	11.8	9.7	22.1								45.7
5	0	0	F	T									E 2000
12.4	11.8	12.5	10.1	12	10	9	12.4						65.3

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

3-MAY-2011 11:41 P:\IP-Proj\4007a\Traffic\Signing\CADD\Sign Designs\4007a_sgn-signs.dgn

SIGN DESIGNS

SIGN NUMR: 7B TYPE: A Overhead QUANTITY: 1
 BACKG. COLOR: Green COPY COLOR: White DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: S5TN DATE: May 31, 2011

SIGN WIDTH: 15'-0" HEIGHT: 6'-0"
 TOTAL AREA: 90.0 Sq.Ft. EXIT PANEL AREA: 38.2 Sq.Ft.
 MAT'L: 0.125" ALUMINUM

SYMBOL	X	Y	WID	HT
ARSHRT	74.3	9.9	22.4	25.2

BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADII: 9" NO. Z BARS: 2 LENGTH: 172.0"

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 A sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 172" X 32".

Letter spacings are to start of next letter													Series/Size Text Length	
15.6	18.8	13	13.1	8.3	12	17	14.2	9.2	6.7	12	16.6	8	15.6	EM 2000
E 2000														
25.6	10.7	12.8	4.2	9	117.7									36.7
E 2000														
106.5	12.8	12.8	10	12.2	25.6									47.9

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

SIGN NUMR: 107 TYPE: A Ground QUANTITY: 1
 BACKG. COLOR: Green COPY COLOR: White DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: S5TN DATE: Mar 22, 2011

SIGN WIDTH: 10'-0" HEIGHT: 8'-0"
 TOTAL AREA: 80.0 Sq.Ft.
 MAT'L: 0.125" ALUMINUM

SYMBOL	X	Y	WID	HT
W1_4	48	61.6	24	24

BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 12" NO. Z BARS: 3 LENGTH: 112.0"

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	
21	11.3	9.2	10.9	10.7	10.7	10.3	7.9	7	21					EM 2000
E 2000														
12.4	13.9	6.4	6.4	16	6.4	10.3	10.2	8	10.6	7	12.4			95.3
E 2000														
27.4	7.9	7.6	7.6	6.5	8	7.4	7.6	6.6	6	27.4			65.2	

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

SIGN NUMR: 102 TYPE: A Ground QUANTITY: 1
 BACKG. COLOR: Green COPY COLOR: White DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 6 STD #: S5TN DATE: Mar 24, 2011

SIGN WIDTH: 10'-6" HEIGHT: 6'-6"
 TOTAL AREA: 68.3 Sq.Ft.
 MAT'L: 0.125" ALUMINUM

SYMBOL	X	Y	WID	HT
W1_4	51	47	24	24

BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1" RADII: 9" NO. Z BARS: 2 LENGTH: 118.0"

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	
12.6	6.5	1.6	6.4	5.5	5.5	4.9	83							E 2000
E 2000														
83	6.5	1.2	6.4	5.9	5.5	4.9	12.7							30.3
E 2000														
11.5	6.8	6.2	7	7.4	7.4	5.4	74.3							D 2000
D 2000														
82.3	7.4	5.8	6.1	5	19.5									40.2
D 2000														
17.3	6.8	3	7.2	6.6	5	80.1							24.2	
D 2000														
80.1	6.8	3	7.2	6.6	5	17.3							28.6	

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

SIGN NUMR: 104 TYPE: A Ground QUANTITY: 1
 BACKG. COLOR: Green COPY COLOR: White DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: S5TN DATE: Mar 22, 2011

SIGN WIDTH: 10'-0" HEIGHT: 7'-6"
 TOTAL AREA: 75.0 Sq.Ft.
 MAT'L: 0.125" ALUMINUM

SYMBOL	X	Y	WID	HT
W1_4	28.8	55.5	24	24
ARSHRT	45	10.5	18.3	30

BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADII: 12" NO. Z BARS: 3 LENGTH: 112.0"

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	
60.8	6.5	1.2	6.4	5.9	5.5	4.9	28.8							E 2000
E 2000														
12.4	13.9	6.4	6.4	16	6.4	10.3	10.2	8	10.6	7	12.4			95.3

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

3-MAY-2011 11:41 AM
 P:\TIP\Projects\4007A\Traffic\Signs\CADD\Sign Designs\U-4007A_a_sgn_signs.dgn
 meaton AT 11:42:47 AM

SIGN DESIGNS

TIP NO. U-4007A	SHEET NO. SIGN-11
APPROVED: <i>[Signature]</i>	
DATE: 3-22-11	
SEAL	

SIGN NUMR: 103
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: U-4007A

CHK BY: DIV: 3

STD #: S5TH
DATE: Mar 22, 2011

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRAFFIC ENGINEERING BRANCH
SIGNING DEPARTMENT

SIGN WIDTH: 13'-6"
HEIGHT: 10'-0"
TOTAL AREA: 135.0 Sq.Ft.

MAT'L: 0.125" ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 12"

NO. Z BARS: 3
LENGTH: 154.0"

SYMBOL	X	Y	WID	HT
M1_4	64.7	87.9	24	24
ARMED	27.1	75.5	19.2	30.2
M1_4	29.4	29.8	24	24
ARMED	118.9	22.8	19.2	30.2

Letter spacings are to start of next letter

	N	O	R	T	H		Series/Size						
	96.7	6.5	1.6	6.4	5.5	4.9	34.8	E 2000					
	N	e	w	B	e	r	n	EM 2000					
	57	11.3	9.2	10.9	10.7	10.3	7.9	7	27.1	78			
	S	O	U	T	H			E 2000					
	61.4	6.5	1.2	6.4	5.9	5.5	4.9	70.3	30.3				
	W	i	l	m	i	n	g	t	o	n	EM 2000		
	12.9	13.9	6.4	6.4	16	6.4	10.3	10.2	8	10.6	7	53.8	95.3

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 105
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: U-4007A

CHK BY: DIV: 3

STD #: S5TH
DATE: Mar 22, 2011

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRAFFIC ENGINEERING BRANCH
SIGNING DEPARTMENT

SIGN WIDTH: 8'-6"
HEIGHT: 7'-6"
TOTAL AREA: 63.8 Sq.Ft.

MAT'L: 0.125" ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 12"

NO. Z BARS: 3
LENGTH: 94.0"

SYMBOL	X	Y	WID	HT
M1_4	19.8	56	24	24
ARMED	35.9	10.1	19.2	30.2

Letter spacings are to start of next letter

	N	O	R	T	H		Series/Size			
	51.8	6.5	1.6	6.4	5.5	5.5	4.9	19.8	E 2000	
	N	e	w	B	e	r	n		EM 2000	
	12	11.3	9.2	10.9	10.7	10.3	7.9	7	12	78

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 106
TYPE: A Ground
QUANTITY: 1

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: U-4007A

CHK BY: DIV: 3

STD #: S5TH
DATE: Mar 22, 2011

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRAFFIC ENGINEERING BRANCH
SIGNING DEPARTMENT

SIGN WIDTH: 13'-6"
HEIGHT: 10'-0"
TOTAL AREA: 135.0 Sq.Ft.

MAT'L: 0.125" ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 12"

NO. Z BARS: 3
LENGTH: 154.0"

SYMBOL	X	Y	WID	HT
M1_4	64.8	88	24	24
ARMED	18.4	75.5	19.2	30.2
M1_4	70.2	26.8	24	24
ARMED	21.5	19.8	19.2	30.2

Letter spacings are to start of next letter

	S	O	U	T	H		Series/Size						
	96.8	6.5	1.2	6.4	5.9	5.5	4.9	34.9	E 2000				
	W	i	l	m	i	n	g	t	o	n	EM 2000		
	48.3	13.9	6.4	6.4	16	6.4	10.3	10.2	8	10.6	7	18.4	95.3
	N	O	R	T	H			E 2000					
	102.2	6.5	1.6	6.4	5.5	5.5	4.9	29.3	30.4				
	N	e	w	B	e	r	n		EM 2000				
	62.5	11.3	9.2	10.9	10.7	10.3	7.9	7	21.5	78			

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

SIGN NUMR: 101,108
TYPE: B Ground
QUANTITY: 2

BACKG. COLOR: Green
COPY COLOR: White

DESIGN BY: DME
PROJECT ID: U-4007A

CHK BY: DIV: 3

STD #: S5TH
DATE: Mar 22, 2011

N. C. DEPARTMENT OF TRANSPORTATION
DIVISION OF HIGHWAYS
TRAFFIC ENGINEERING BRANCH
SIGNING DEPARTMENT

SIGN WIDTH: 6'-6"
HEIGHT: 4'-6"
TOTAL AREA: 29.3 Sq.Ft.

MAT'L: 0.125" ALUMINUM

BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 6"

NO. Z BARS: 2
LENGTH: 70.0"

SYMBOL	X	Y	WID	HT
M1_4	27	8	24	24

Letter spacings are to start of next letter

	J	U	N	C	T	I	O	N		Series/Size	
	9.8	8.2	8.6	8.3	7.6	7.4	3.3	8.6	6.5	9.8	E 2000
											58.3

Spacing Factor is 1 unless specified otherwise
FILENAME: GSENG

22-MAR-2011 12:18
 F:\P\Projects\U4007A\Traffic\Signing\CADD\Sign Designs\U4007A_sgn_signs.dgn
 mebacon AT 12/27/2008

SIGN DESIGNS

SIGN NUMB: 1098 TYPE: A Ground QUANTITY: 1
 BACKG. COLOR: Green COPY COLOR: White
 DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: SSTN DATE: May 31, 2011

SIGN WIDTH: 15'-0" HEIGHT: 5'-0" TOTAL AREA: 75.0 Sq.Ft.
 MAT'L: 0.125" ALUMINUM
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIUS: 9" NO. Z BARS: 2 LENGTH: 172.0"

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 2000	148.8
E 2000	70.1

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

SIGN NUMB: 110,111 TYPE: B Ground QUANTITY: 2
 BACKG. COLOR: Blue COPY COLOR: White
 DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: SSTN DATE: Oct 05, 2010

SIGN WIDTH: 9'-0" HEIGHT: 4'-0" TOTAL AREA: 36.0 Sq.Ft.
 MAT'L: 0.125" ALUMINUM
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADIUS: 6" NO. Z BARS: 2 LENGTH: 100.0"

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 2000	85.9
E 2000	59.3

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

SIGN NUMB: 201,202 TYPE: A Ground QUANTITY: 2
 BACKG. COLOR: Green COPY COLOR: White
 DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: SSTN DATE: Nov 09, 2010

SIGN WIDTH: 7'-6" HEIGHT: 5'-0" TOTAL AREA: 37.5 Sq.Ft.
 MAT'L: 0.125" ALUMINUM
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 1.5" RADIUS: 8" NO. Z BARS: 2 LENGTH: 62.0"

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 2000	37
E 2000	26.5

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

SIGN NUMB: 2A,3A,4A,7A TYPE: B Overhead QUANTITY: 1
 BACKG. COLOR: Green COPY COLOR: White
 DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: SSTN DATE: Oct 05, 2010

SIGN WIDTH: 8'-0" HEIGHT: 2'-6" TOTAL AREA: 20.0 Sq.Ft.
 MAT'L: 0.125" ALUMINUM
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIUS: 3" NO. Z BARS: 2 LENGTH: 88.0"

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
E 2000	72.1

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

SIGN NUMB: 109A TYPE: B Ground QUANTITY: 1
 BACKG. COLOR: Green COPY COLOR: White
 DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: SSTN DATE: Oct 05, 2010

SIGN WIDTH: 8'-0" HEIGHT: 2'-6" TOTAL AREA: 20.0 Sq.Ft.
 MAT'L: 0.125" ALUMINUM
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIUS: 3" NO. Z BARS: 2 LENGTH: 88.0"

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
E 2000	72.1

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

SIGN NUMB: 418 TYPE: E Ground QUANTITY: 1
 BACKG. COLOR: Yellow COPY COLOR: Black
 DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: SSTN DATE: Mar 06, 2011

SIGN WIDTH: 2'-0" HEIGHT: 1'-3" TOTAL AREA: 2.5 Sq.Ft.
 MAT'L: 0.063" ALUMINUM
 BORDER TYPE: FLUSH RECESS: 0.38" WIDTH: 0.38" RADIUS: 1.6" NO. Z BARS: 1 LENGTH: 11.3"

USE NOTES: 2,5
 1. Legend and border shall be direct applied Grade A reflective sheeting.
 2. Legend and border shall be direct applied Non-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
C 2000	18.6
C 2000	9.7

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

SIGN NUMB: 1A,8,9A TYPE: B Overhead QUANTITY: 3
 BACKG. COLOR: Green COPY COLOR: White
 DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: SSTN DATE: Oct 05, 2010

SIGN WIDTH: 8'-0" HEIGHT: 2'-6" TOTAL AREA: 20.0 Sq.Ft.
 MAT'L: 0.125" ALUMINUM
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIUS: 3" NO. Z BARS: 2 LENGTH: 88.0"

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
E 2000	66

Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

SIGN NUMB: 6A TYPE: B Overhead QUANTITY: 1
 BACKG. COLOR: Green COPY COLOR: White
 DESIGN BY: DME PROJECT ID: U-4007A
 CHK BY: DIV: 3 STD #: SSTN DATE: Oct 05, 2010

SIGN WIDTH: 9'-0" HEIGHT: 2'-6" TOTAL AREA: 22.5 Sq.Ft.
 MAT'L: 0.125" ALUMINUM
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIUS: 3" NO. Z BARS: 2 LENGTH: 100.0"

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
E 2000	80.9

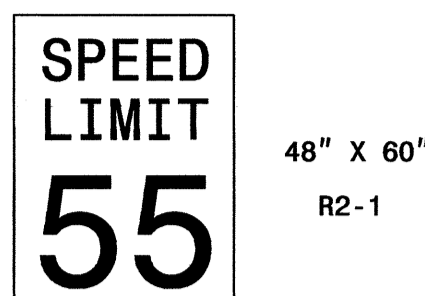
Spacing Factor is 1 unless specified otherwise
 FILENAME: GSENG

3-MAY-2011 10:00 P:\ATIP-Projects\U-4007A\Traffic\Signing\CADD\Sign Designs\U-4007A_sgn_signs.dgn meacon AT 12:27:50B

SIGN DESIGNS

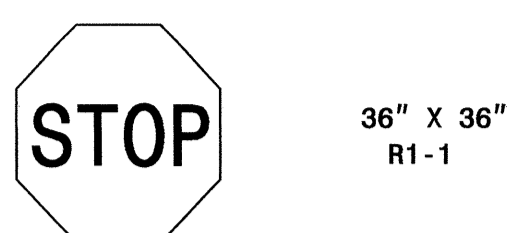
TIP NO. U-4007A	SHEET NO. SIGN-13
APPROVED: <i>[Signature]</i>	
DATE: 3-22-11	
SEAL	
	

401 QUANTITY REQ'D 1



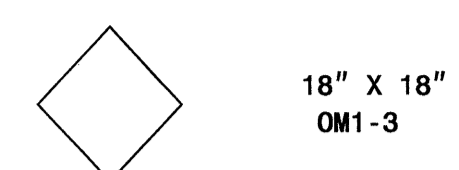
TWO "U" POSTS PER SIGN

406 QUANTITY REQ'D 2



TWO "U" POSTS PER SIGN

411 QUANTITY REQ'D 10



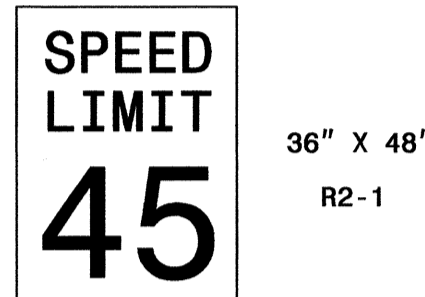
MOUNT BELOW SIGN 407.
IN 10 INSTALLATIONS

416 QUANTITY REQ'D 2



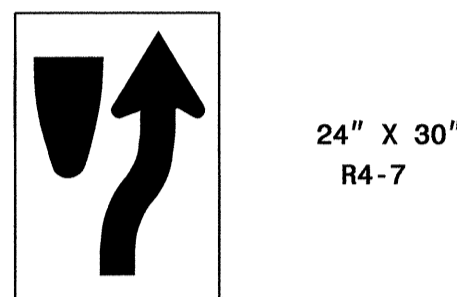
MOUNT ABOVE SIGN 406
IN 2 INSTALLATIONS

402 QUANTITY REQ'D 2



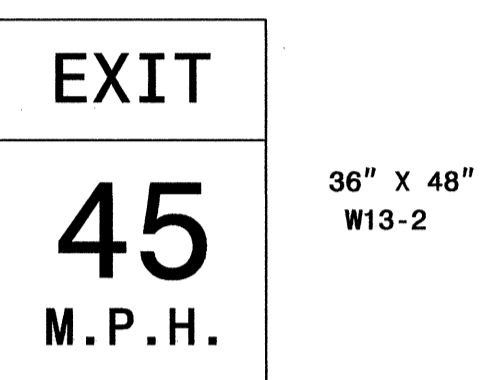
TWO "U" POSTS PER SIGN

407 QUANTITY REQ'D 10



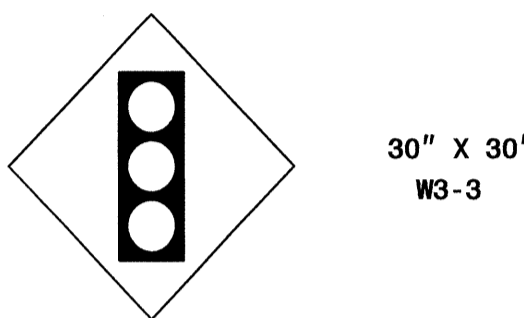
ONE "U" POST PER SIGN

412 QUANTITY REQ'D 1



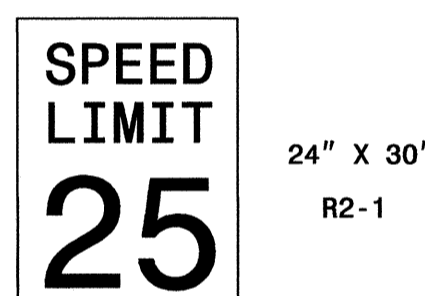
TWO "U" POSTS PER SIGN

417 QUANTITY REQ'D 1



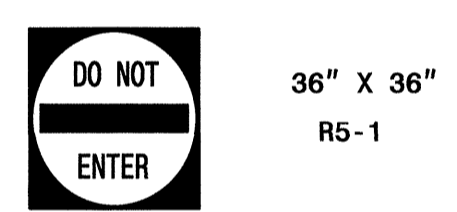
ONE "U" POST PER SIGN

403 QUANTITY REQ'D 1



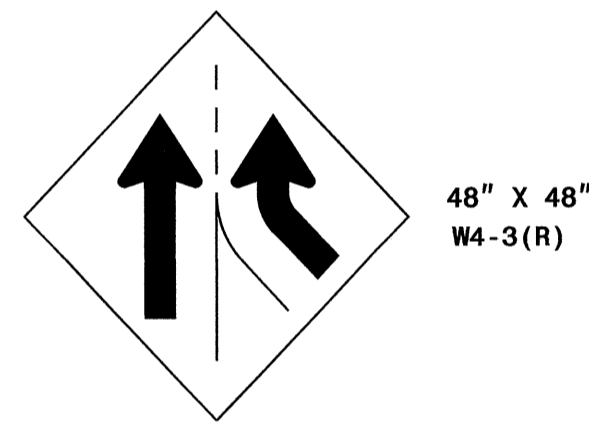
ONE "U" POST PER SIGN

408 QUANTITY REQ'D 2



ONE "U" POST PER SIGN

413 QUANTITY REQ'D 1



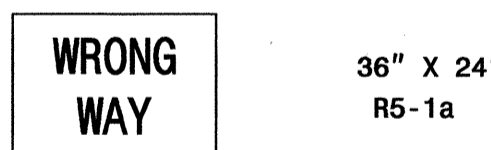
TWO "U" POSTS PER SIGN

418 QUANTITY REQ'D 1



MOUNT BELOW SIGN 417.
IN 1 INSTALLATION

404 QUANTITY REQ'D 3



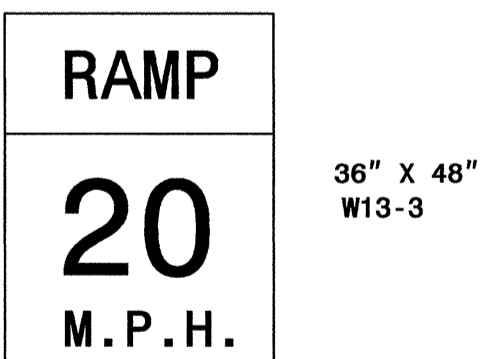
ONE "U" POST PER SIGN

409 QUANTITY REQ'D 2



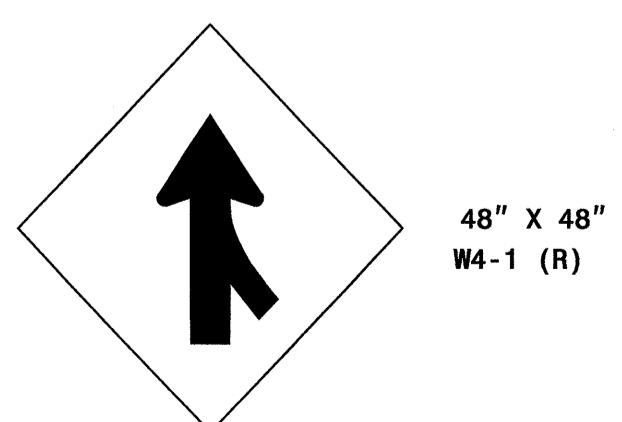
TWO "U" POSTS PER SIGN

414 QUANTITY REQ'D 1



TWO "U" POSTS PER SIGN

405 QUANTITY REQ'D 1



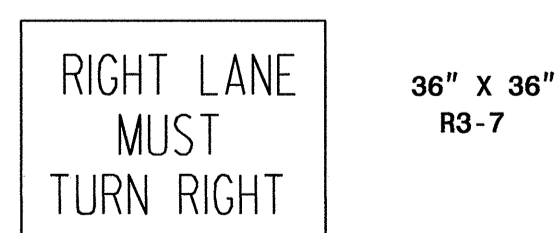
TWO "U" POSTS PER SIGN

410 QUANTITY REQ'D 8



TWO "U" POSTS PER SIGN


415 QUANTITY REQ'D 2



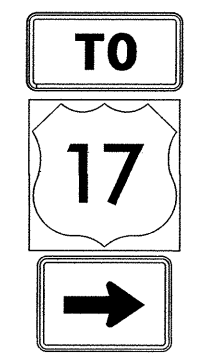
ONE "U" POST PER SIGN

TYPE "E" SIGNS

22-MAR-2011 15:06
 F:\IP-projects\U4007a\Traffic\Signing\CADD\Quantities & GM_Signs\U4007a_sgn_title.dgn
 meacon AI TE247908

TIP NO. U-4007A	SHEET NO. SIGN-14
APPROVED: <i>[Signature]</i>	
DATE: 3-22-11	
SEAL	
	

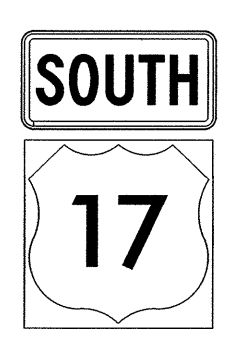
501



24" X 12"
24" X 24"
21" X 15"

ONE "U" POST PER SIGN

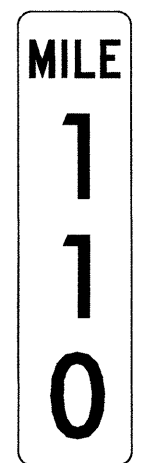
506



30" X 15"
36" X 36"

ONE "U" POST PER SIGN

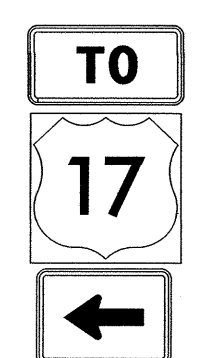
QUANTITY REQ'D 2



12" X 48"

ONE 2 LB. "U" POST PER SIGN

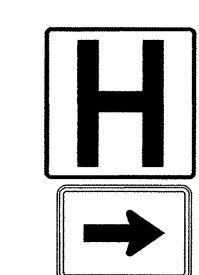
502



24" X 12"
24" X 24"
21" X 15"

ONE "U" POST PER SIGN

507 508



24" X 24"
21" X 15"

ONE "U" POST PER SIGN

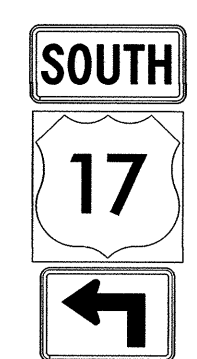
503



24" X 12"
24" X 24"
21" X 15"

ONE "U" POST PER SIGN

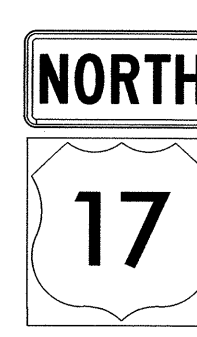
504



24" X 12"
24" X 24"
21" X 15"

ONE "U" POST PER SIGN

505



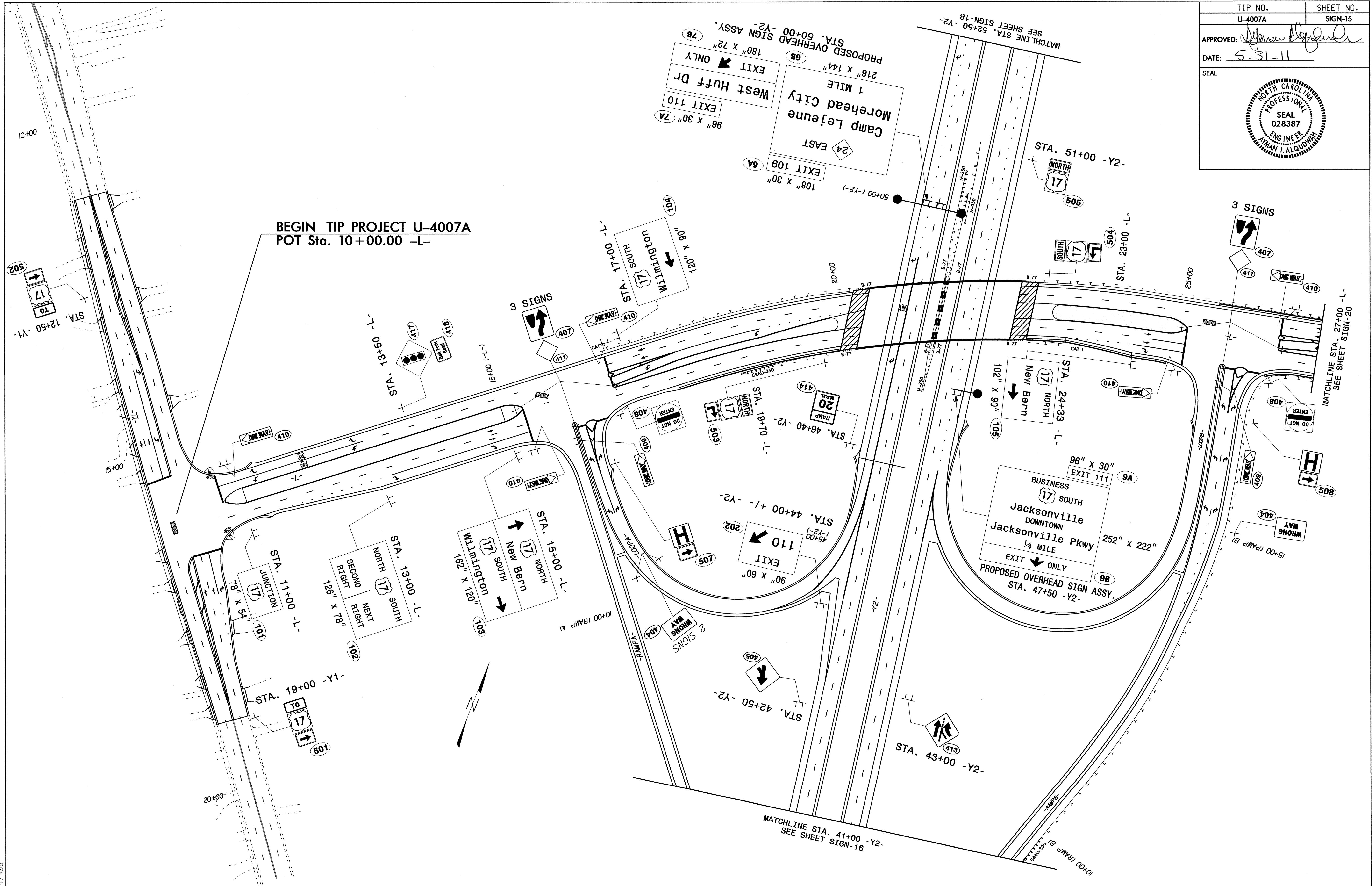
30" X 15"
36" X 36"

ONE "U" POST PER SIGN


22-MAR-2011 11:26 AM
 C:\Users\jroberts\Documents\CADD\Quantities & CM Signs\4007a_sgn_title.dgn
 meebon AT LE 247308

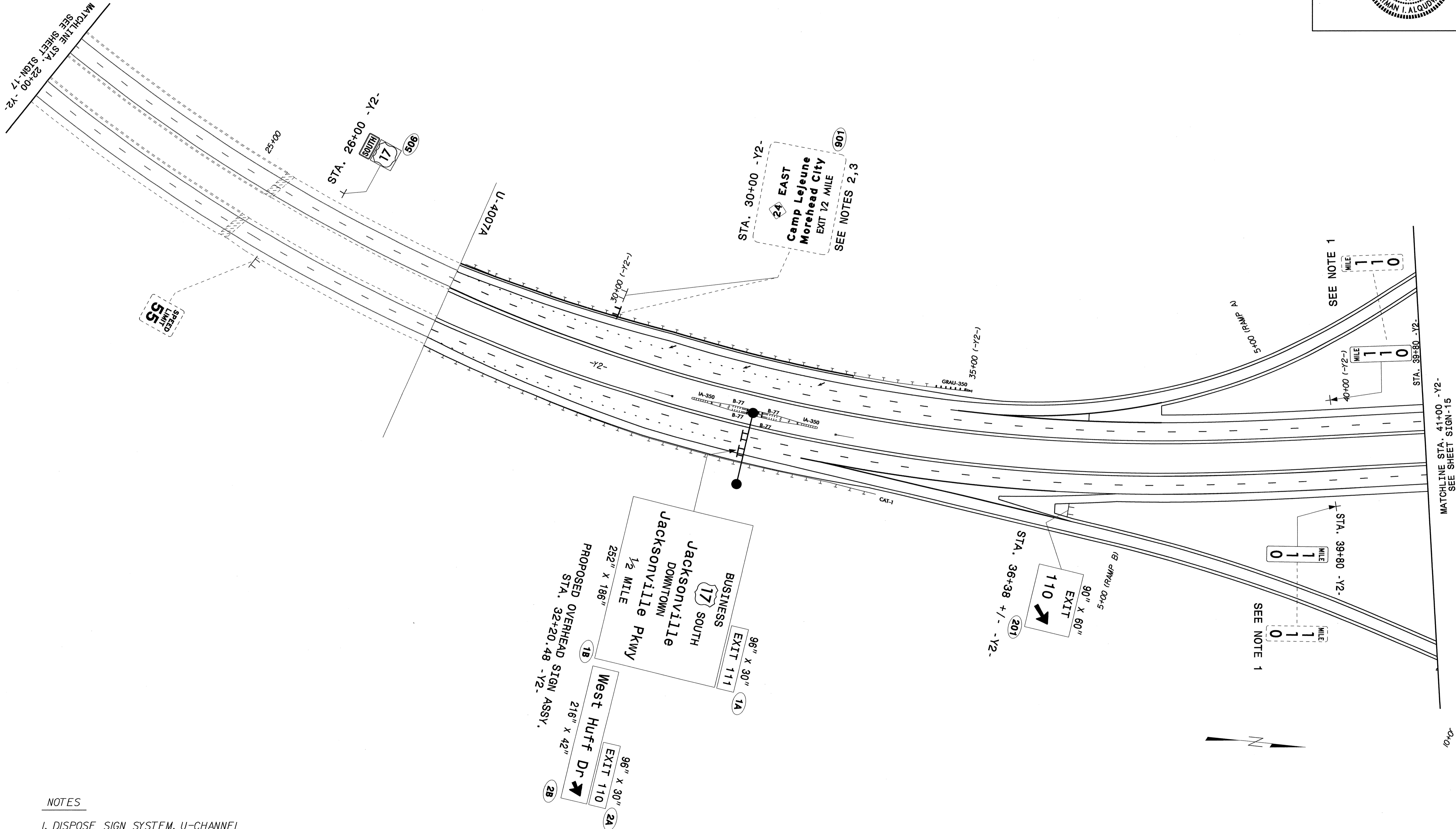
**TYPE "F" SIGNS
AND MILEMARKERS**

TIP NO. U-4007A	SHEET NO. SIGN-15
APPROVED: <i>[Signature]</i>	
DATE: 5-31-11	
SEAL	



3-MAY-2011 11:47
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 meocon AT 1E247/508

TIP NO. U-4007A	SHEET NO. SIGN-16
APPROVED: <i>[Signature]</i>	
DATE: 5-31-11	
SEAL	
	



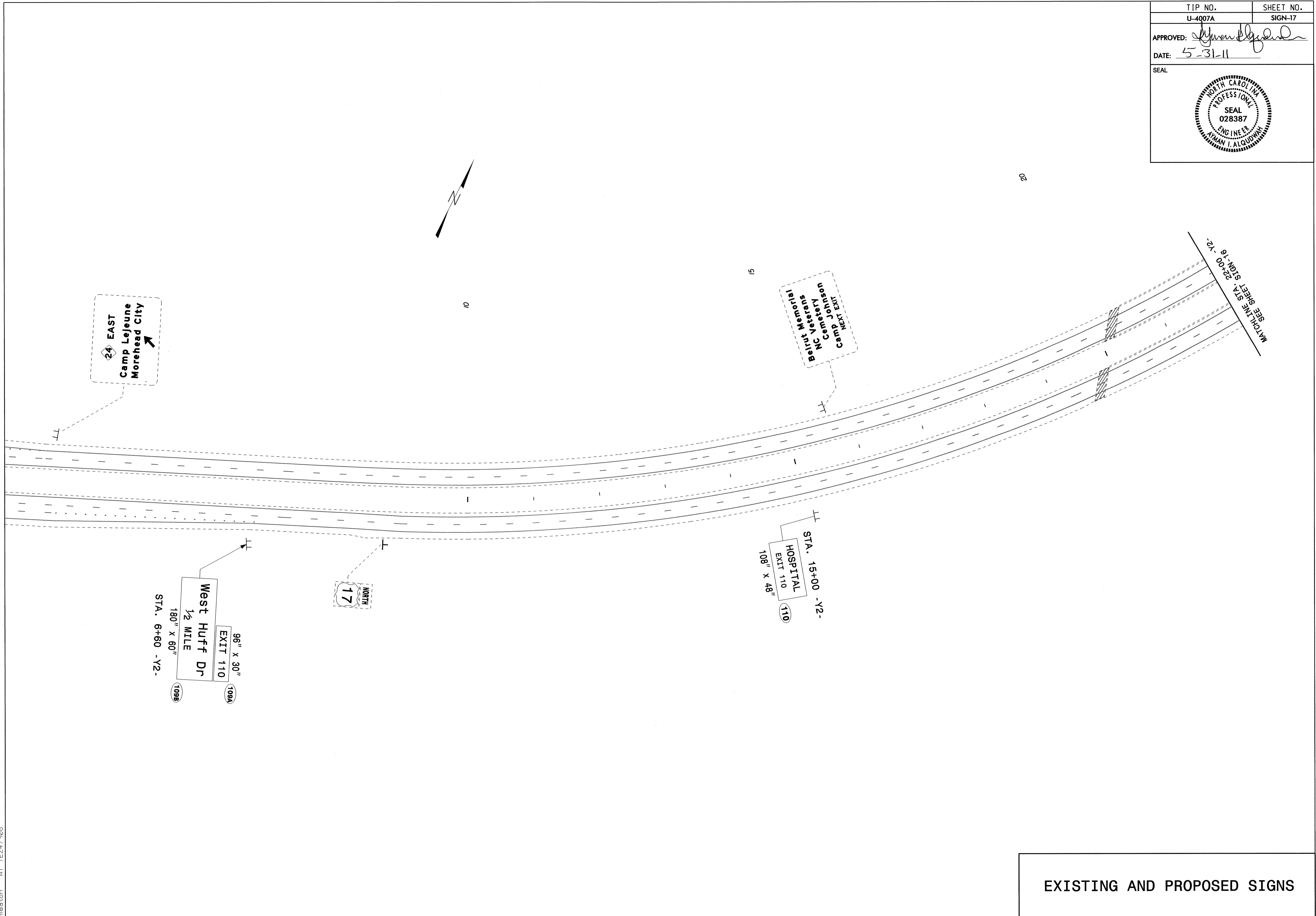
- NOTES**
1. DISPOSE SIGN SYSTEM, U-CHANNEL
 2. DISPOSAL OF SUPPORT, STEEL BEAM
 3. RELOCATE SIGN, TYPE A OR B (GROUND MOUNTED)

EXISTING AND PROPOSED SIGNS

3-MAY-2011 11:52
 F:\TIP\Fo... \U4007A\Traffic\Signing\CADD\Signing Layout Plans\U-4007A_Sgn_psh2.dgn
 meson AT 1E247908

TIP NO. U-4007A	SHEET NO. SIGN-17
APPROVED: <i>[Signature]</i>	
DATE: 5-31-11	
SEAL	

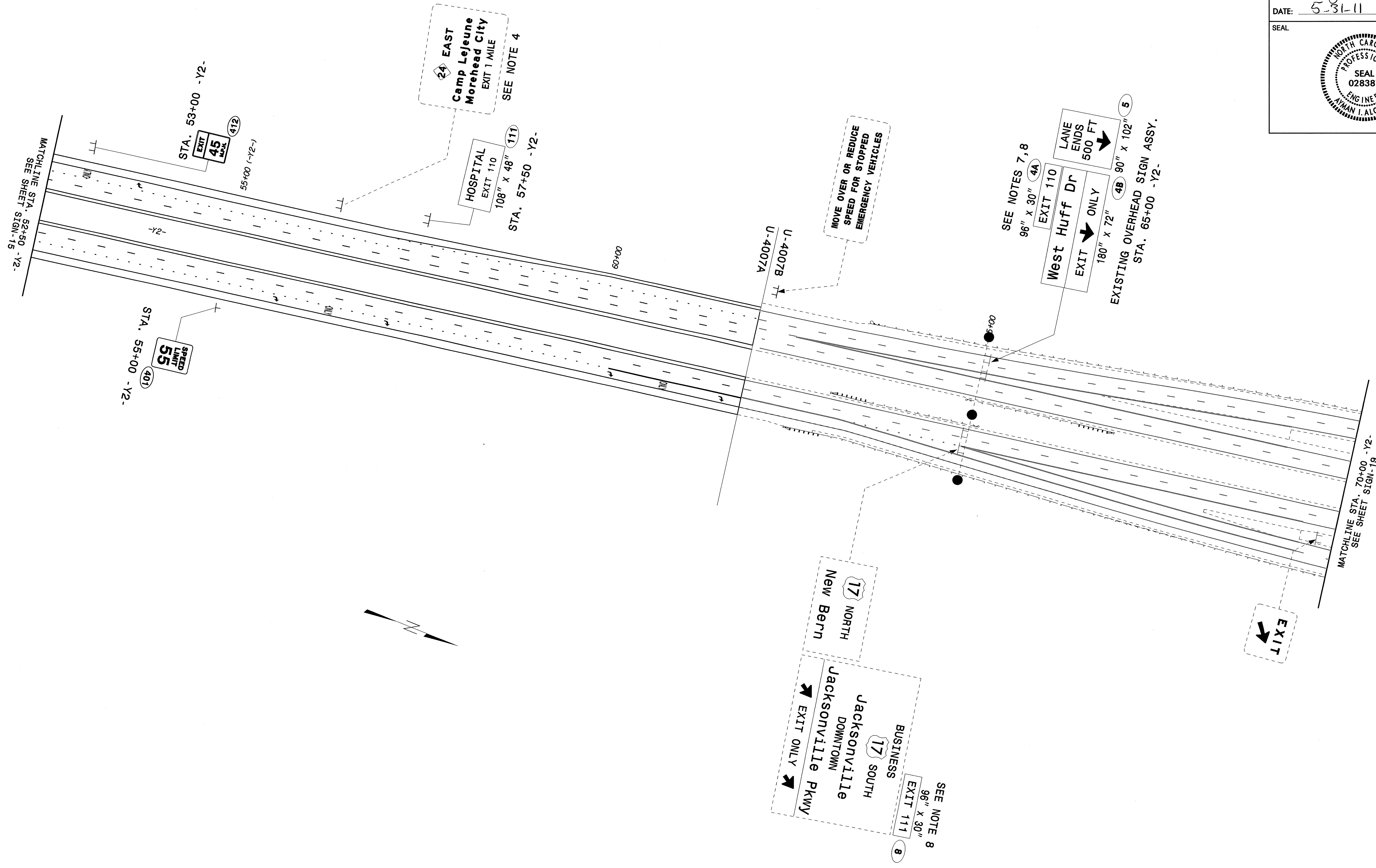
02



EXISTING AND PROPOSED SIGNS

3-MAY-2011 11:53
P:\ITP-Proj\cts\U-4007A\Traffic\Signing\CADD\Signing Layout Plans\U-4007A_Sgn_psh3.dgn
meacon AT 1E247908


TIP NO. U-4007A	SHEET NO. SIGN-18
APPROVED: <i>[Signature]</i>	
DATE: 5-31-11	
SEAL	

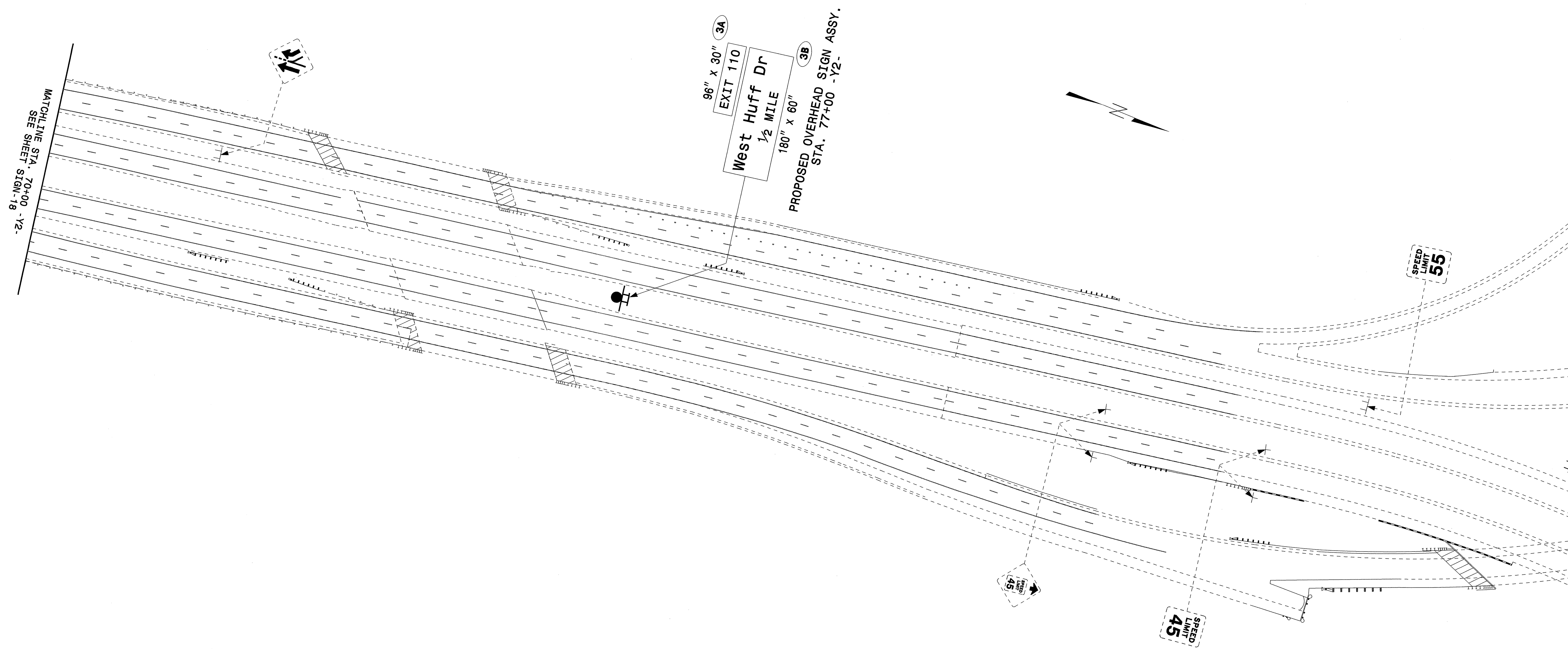


- NOTES**
4. DISPOSE SIGN SYSTEM, STEEL BEAM
 7. SIGN ERECTION, TYPE A (OVERHEAD)
 8. SIGN ERECTION, TYPE B (OVERHEAD)

EXISTING AND PROPOSED SIGNS


3-MAY-2011 11:54
 F:\TIP-Proj\cts\U-4007A\Traffic\Signing\CADD\Signing Layout Plans\U-4007A_Sgn_psh4.dgn
 mston AT 1E247908

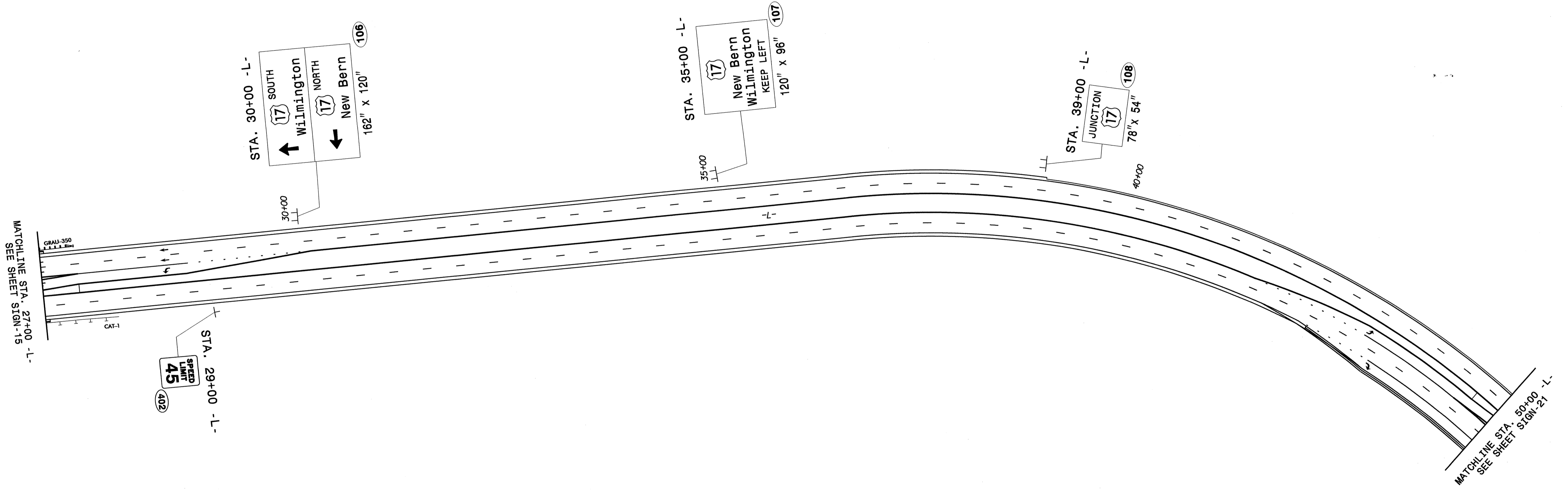
TIP NO. U-4007A	SHEET NO. SIGN-19
APPROVED: <i>[Signature]</i>	
DATE: 5-31-11	
SEAL	
	



EXISTING AND PROPOSED SIGNS

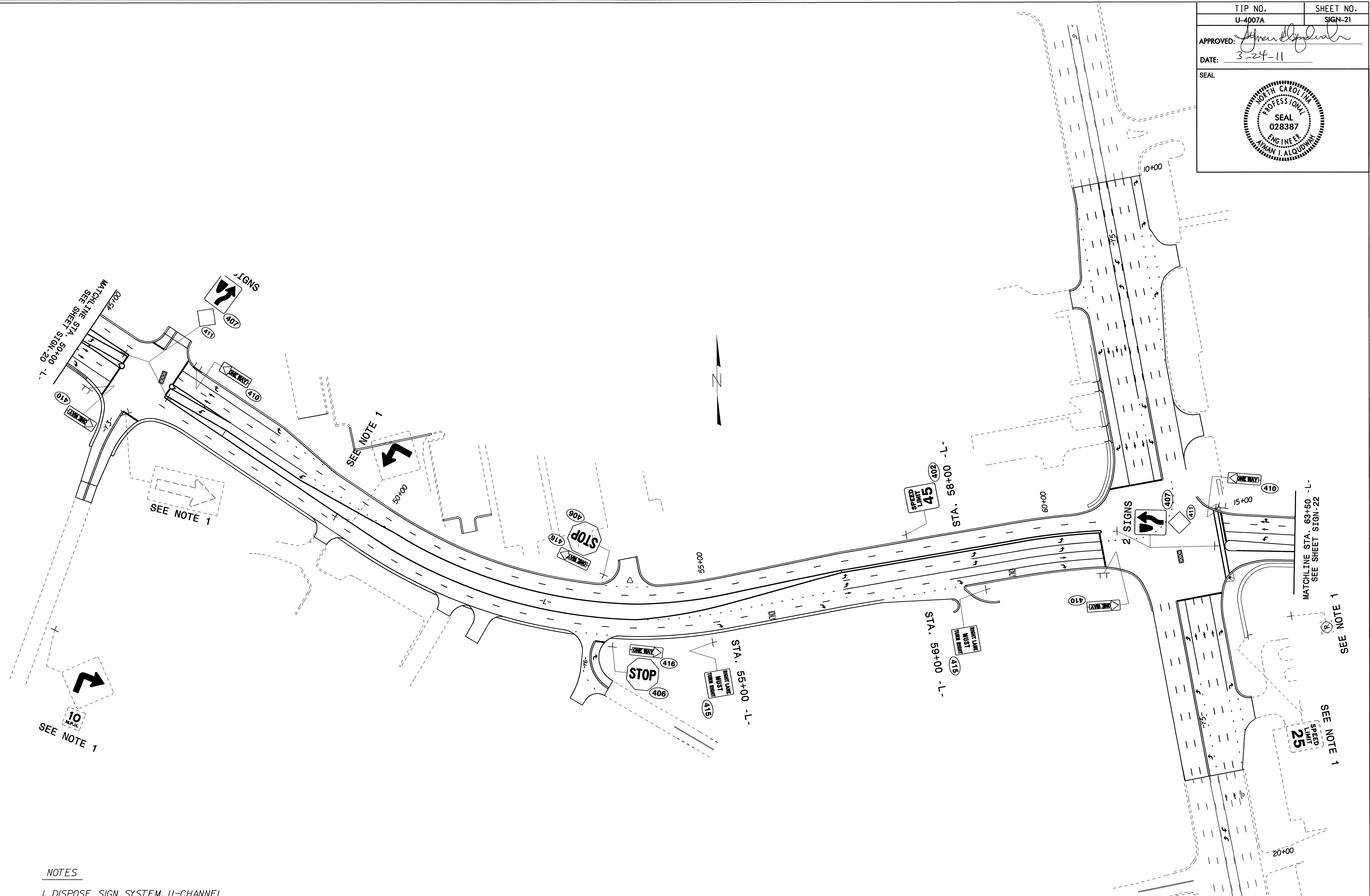
31 MAY 2011 11:55
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 meaton

TIP NO. U-4007A	SHEET NO. SIGN-20
APPROVED: <i>[Signature]</i>	
DATE: 3-22-11	
SEAL	
	



EXISTING AND PROPOSED SIGNS

TIP NO. U-4007A	SHEET NO. SIGN-21
APPROVED: <i>[Signature]</i>	
DATE: 3-24-11	
SEAL	

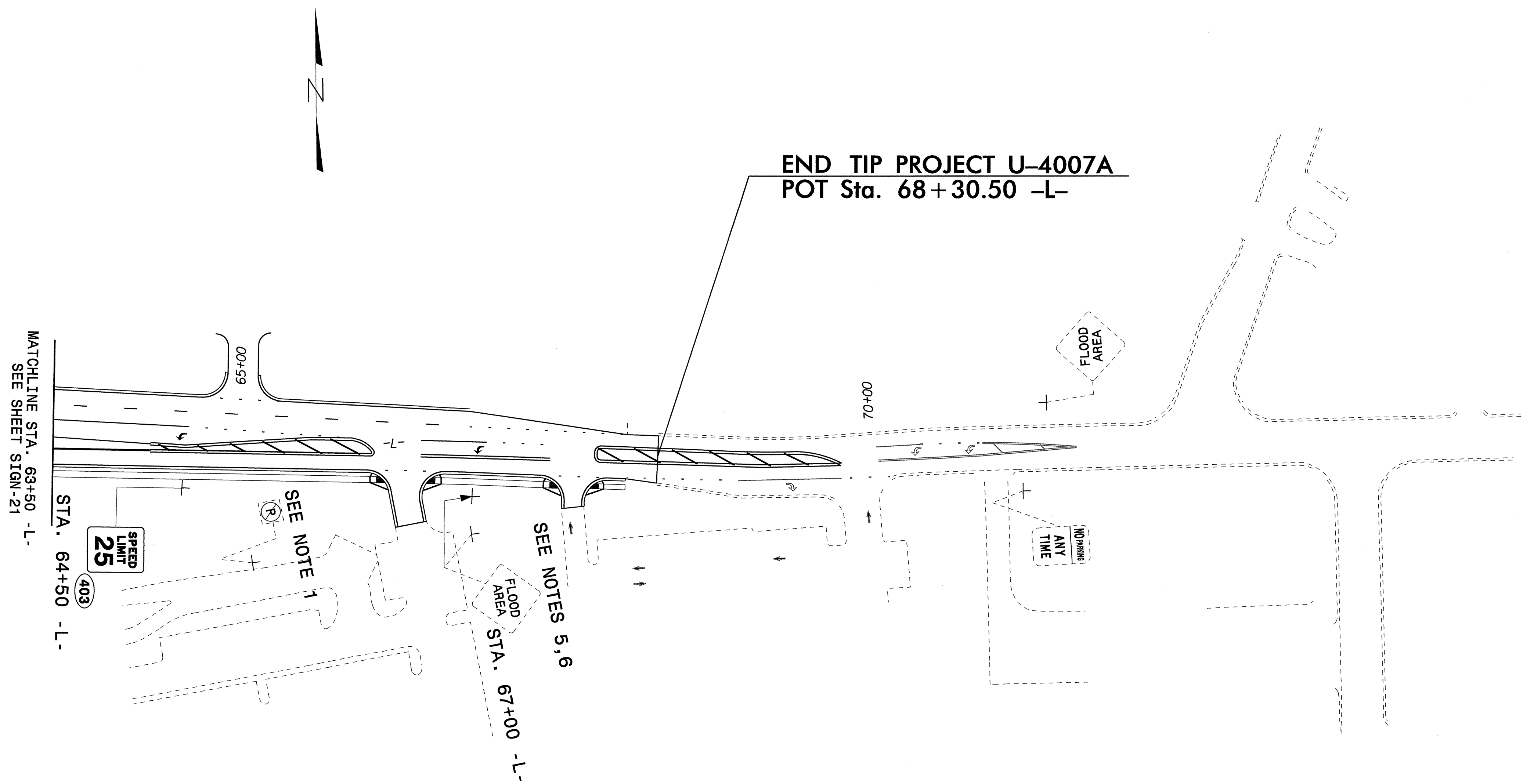


NOTES
1. DISPOSE SIGN SYSTEM, U-CHANNEL

EXISTING AND PROPOSED SIGNS

I:\MAB-2011\438
P:\Projects\0411\4007A\Traffic\Signing\CADD\Signing Layout Plans\U-4007A_Sgn_psh7.dgn
DATE: 3/24/11
meaton

TIP NO. U-4007A	SHEET NO. SIGN-22
APPROVED: <i>[Signature]</i>	
DATE: 3-24-11	
SEAL	



NOTES

1. DISPOSE SIGN SYSTEM, U-CHANNEL
5. DISPOSAL OF SUPPORT, U-CHANNEL
6. RELOCATE SIGN, TYPE E

EXISTING AND PROPOSED SIGNS

I:\MAR-2011\439 U-4007A\Traffic\Signing\CADD\Signing Layout Plans\U-4007A_Sgn_psh&dgn
 revision AT LE247308