

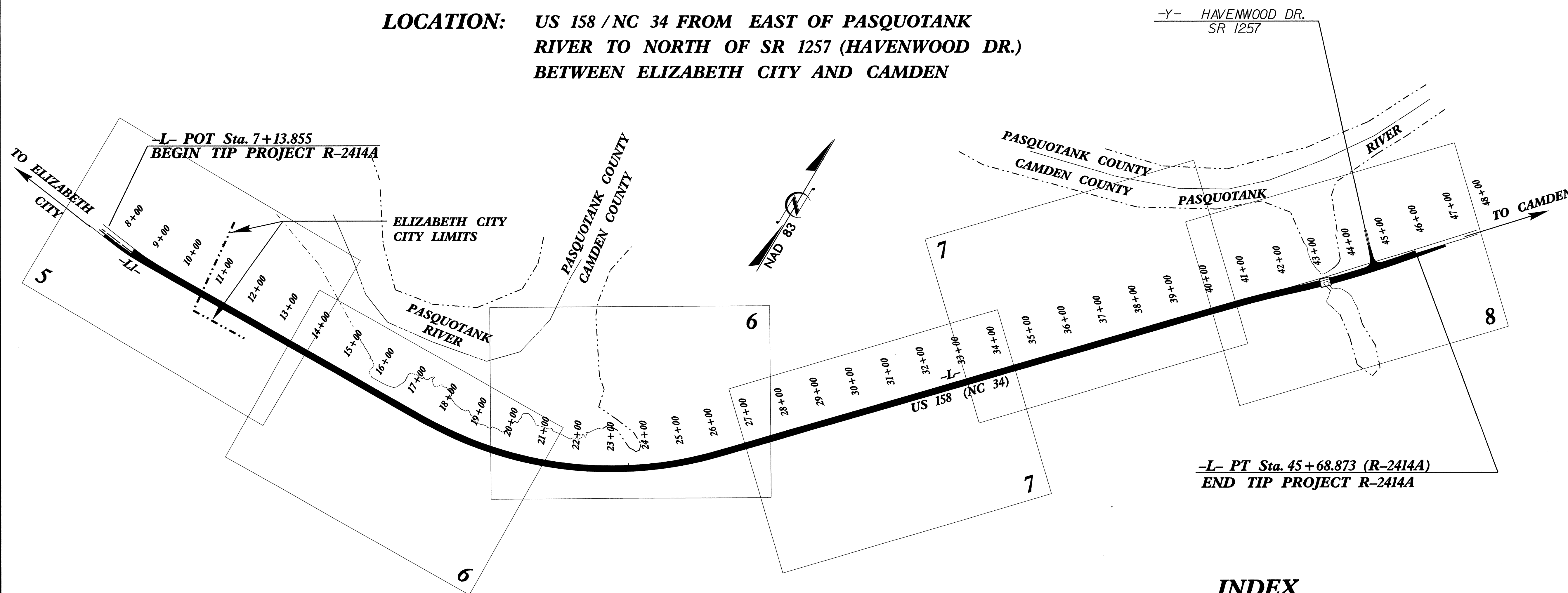


TIP NO. R-2414A	SHEET NO. SIGN-1
APPROVED: <i>Ayman Alqudwah</i>	
DATE: 12/5/08	
SEAL 	

STATE OF NORTH CAROLINA  
DEPARTMENT OF TRANSPORTATION

SIGNING PLANS  
CAMDEN COUNTY

LOCATION: US 158 / NC 34 FROM EAST OF PASQUOTANK RIVER TO NORTH OF SR 1257 (HAVENWOOD DR.) BETWEEN ELIZABETH CITY AND CAMDEN



-L- PT Sta. 45+68.873 (R-2414A)  
END TIP PROJECT R-2414A

INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SUMMARY OF QUANTITIES, NOTES, and applicable ROADWAY STANDARD DRAWINGS
3A-3E	SIGN SUPPORT INFORMATION
4A-4B	SIGN DESIGNS and TYPE 'E' SIGNS
5-8	SIGN ROADWAY SHEETS


PLAN PREPARED BY: N.C.D.O.T. SIGNING SECTION

Ron King, P.E. SIGNING ENGINEER  
Ayman Alqudwah, P.E. SIGNING PROJECT ENGINEER  
Mitch Eaton SIGNING PROJECT DESIGN ENGINEER

04-J65-2008 Iir-41  
R-2414A-Traffic Signing CAD/Signing Layout Plans R2414A.stb  
08/12/08  
meaton

T.I.P.: R-2414A

CONTRACT: C202096

TIP NO. R-2414A	SHEET NO. SIGN-2
APPROVED: <i>[Signature]</i>	
DATE: 12/5/08	
SEAL	
	

## SUMMARY OF QUANTITIES

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOUNDATION	1	C.M.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	136	KG.
4082000000	903	SUPPORTS, WOOD	162	M
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	1	EA.
4102000000	904	SIGN ERECTION, TYPE E	32	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE D	2	EA.
4116100000	904	SIGN ERECTION, RELOCATE SIGN TYPE E	2	EA.
4141000000	907	DISPOSAL OF SUPPORT, WOOD	6	EA.
4155000000	907	DISPOSAL OF SIGN SYSTEM, U-CHANNEL	6	EA.
4158000000	907	DISPOSAL OF SIGN SYSTEM, WOOD	18	EA.

## NOTES

Pay Item Notes:	
1	DISPOSAL OF SIGN SYSTEM, WOOD
2	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
3	RELOCATE SIGN, TYPE D
4	RELOCATE SIGN, TYPE E
5	DISPOSAL OF SUPPORT, WOOD

General Notes:
. SIGNS FURNISHED BY STATE
. ALL TYPE 'D' AND 'E' SIGNS SHALL BE MOUNTED ON EITHER ONE OR TWO 100mm X 100mm WOOD 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 GRADE C REFLECTIVE SHEETING. SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

**ROADWAY STANDARD DRAWINGS  
APPLICABLE TO THESE SIGNING PLANS**

- 901.10
- 901.70
- 903.20
- 904.10
- 904.50

**SUMMARY OF QUANTITIES  
AND NOTES**

04-DEC-2008 11:44  
 P:\Projects\2414A\Traffic\Signing\CADD\Signing Layout Plans\R2414A\_title\_quant.txdgn  
 meaton AT TECC21656



TIP NO. R-2414A	SHEET NO. SIGN-3A
APPROVED: <i>[Signature]</i>	
DATE: 12/5/08	
SEAL	

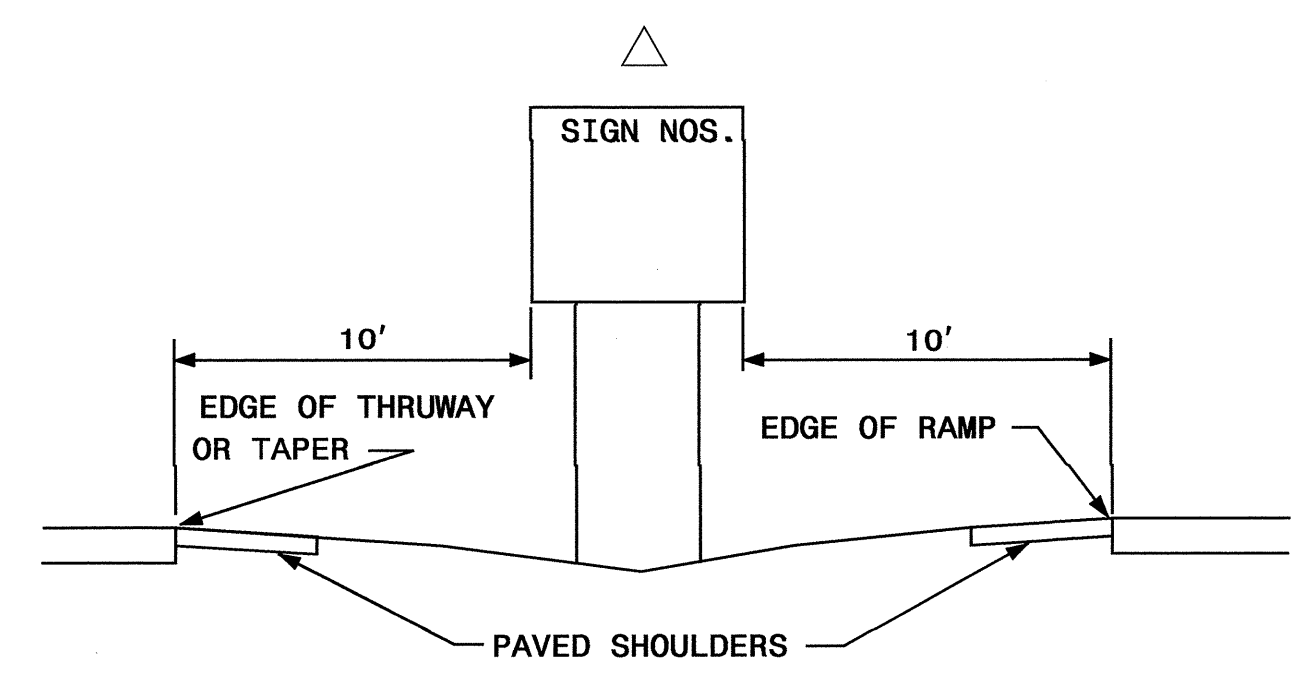
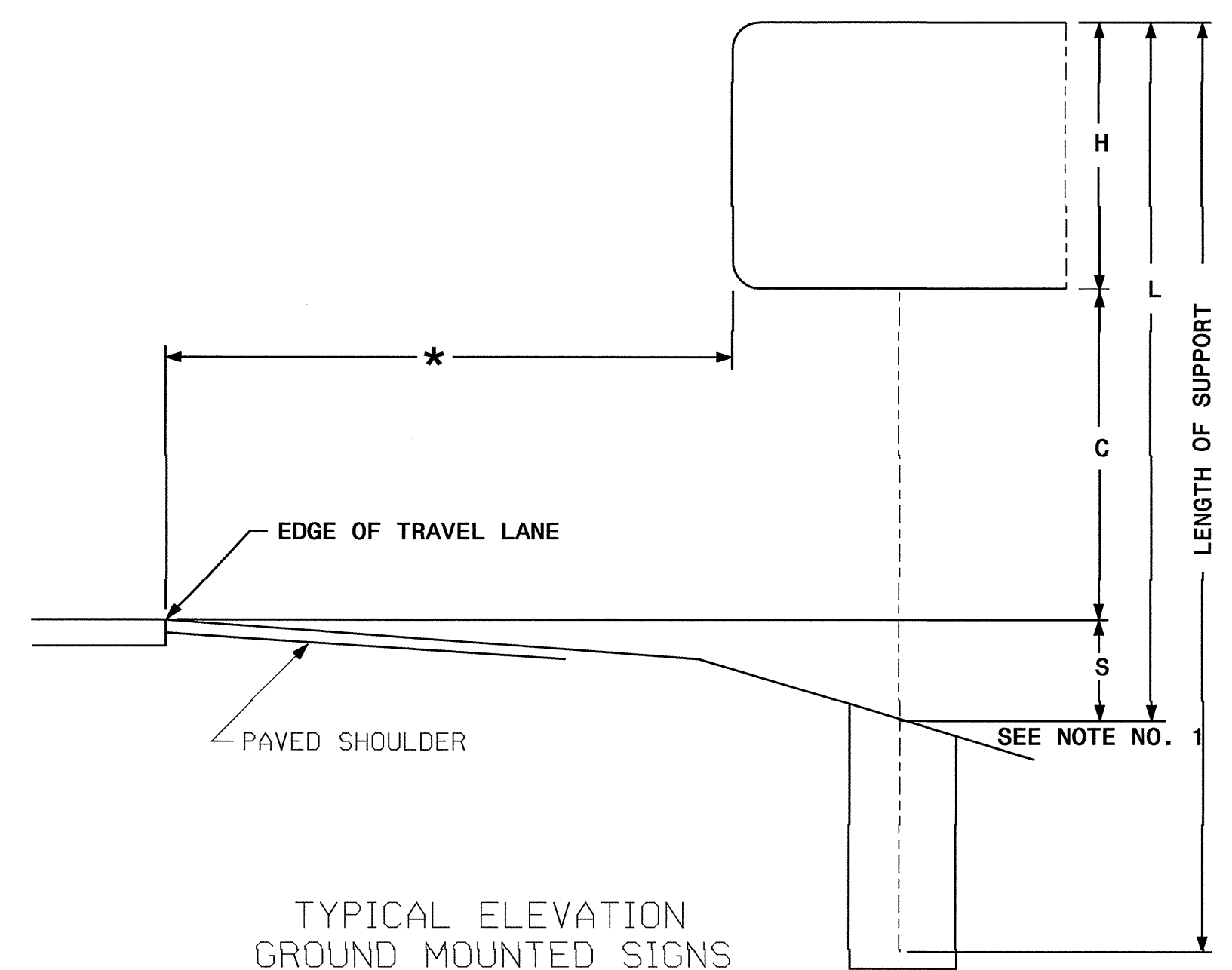
## TYPE "A" AND TYPE "B" GROUND MOUNTED SIGNS

**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.

SIGN NO.	SIGN TYPE	SIGN SIZE (mm)			ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE BA or S	ATTACH METHOD	MOUNTING METHOD	HORIZ. CLR.* (m)	LENGTH (m)				LEFT SUPPORT (m)			CENTER SUPPORT (m)			RIGHT SUPPORT (m)			FOOTING DIAMETER (m)	FOOTING DEPTH (m)	B/A SUPPORT WEIGHTS (kg)	SIMPLE SUPPORT WEIGHTS (kg)	REINF. FTGS. (c.m.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
		w	x	h								SNS HT H	MTG HT C	EMBED-MENT	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH							
101	A	2600	X	1200	11+60 -L-	2	S100x11	BA	N/A	N/A	6.10	1.20	2.13	1.37	0.31	3.64	5.02	0.00	0.00	0.00	0.54	3.87	5.25	0.3048	1.524	135.99	0.00	0.22		

	TOTAL	TOTAL	TOTAL
	135.99	0.00	0.22
USE:	136	0	1

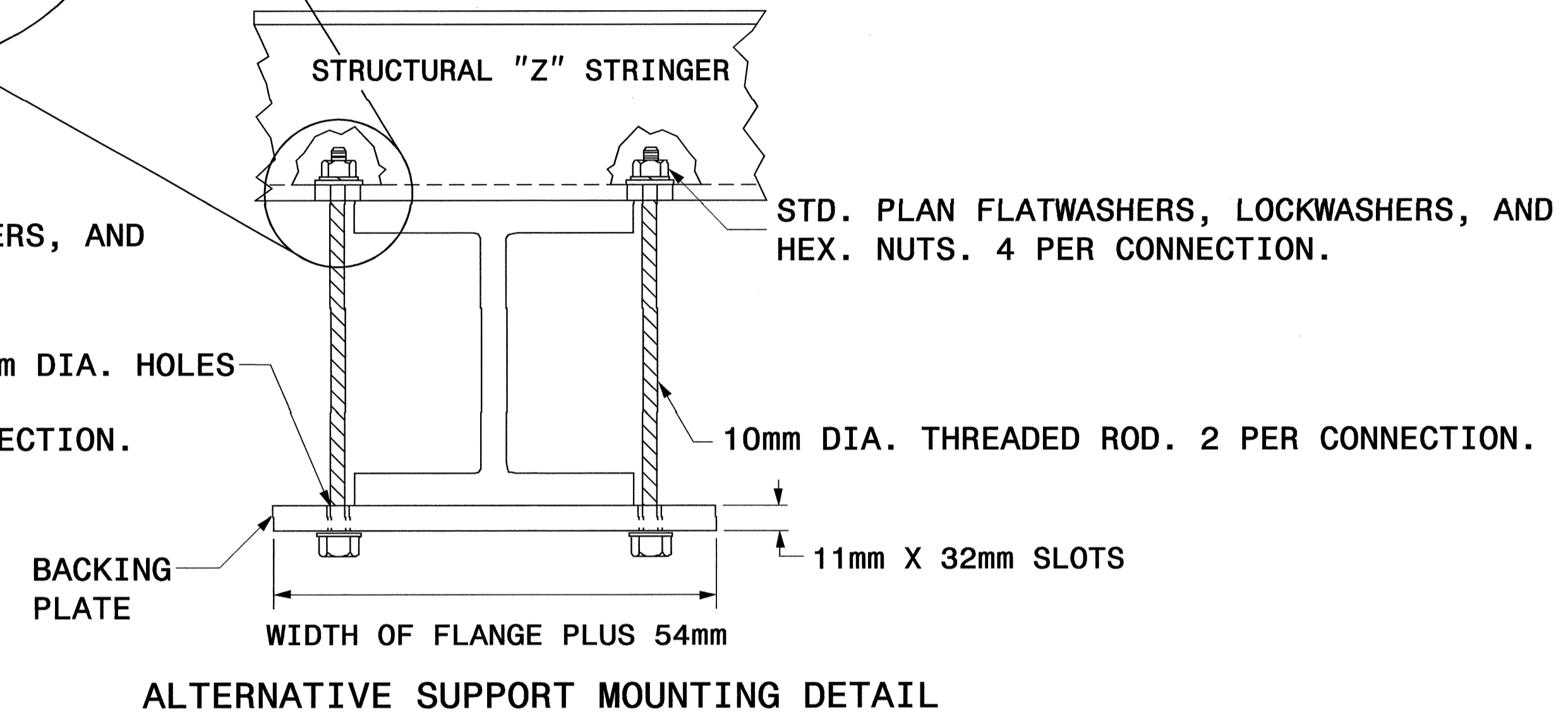
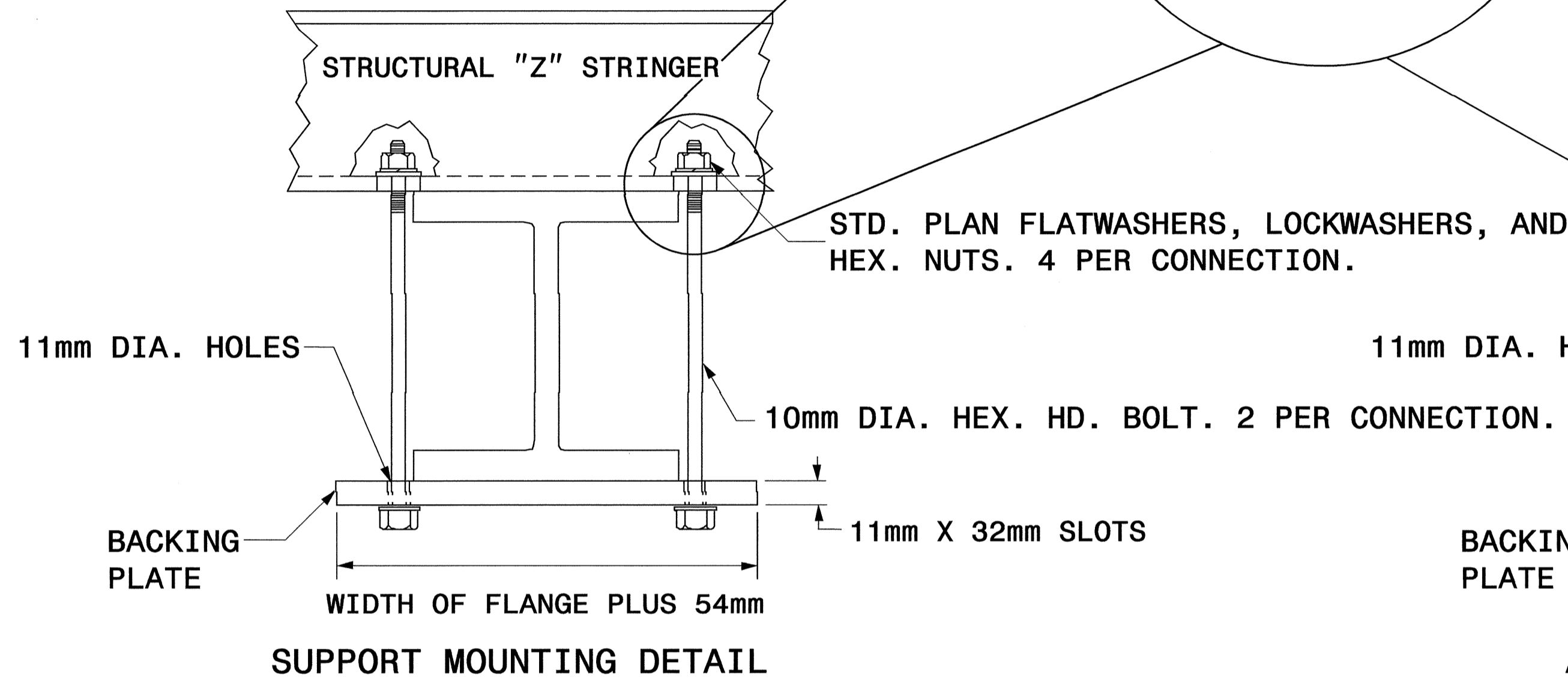
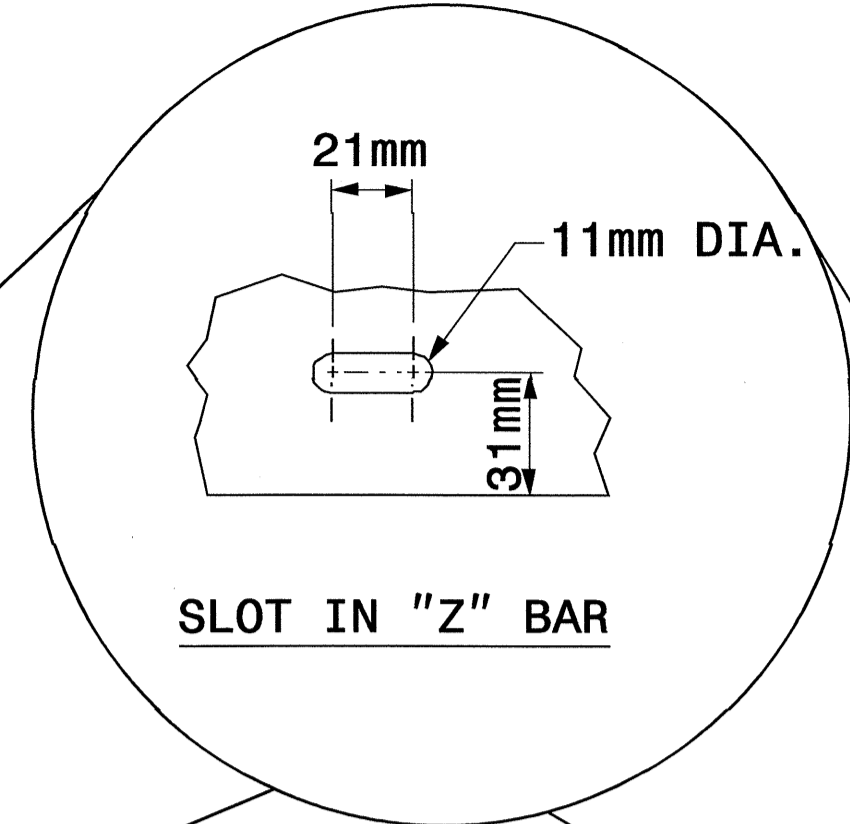


# SIGN SUPPORTS

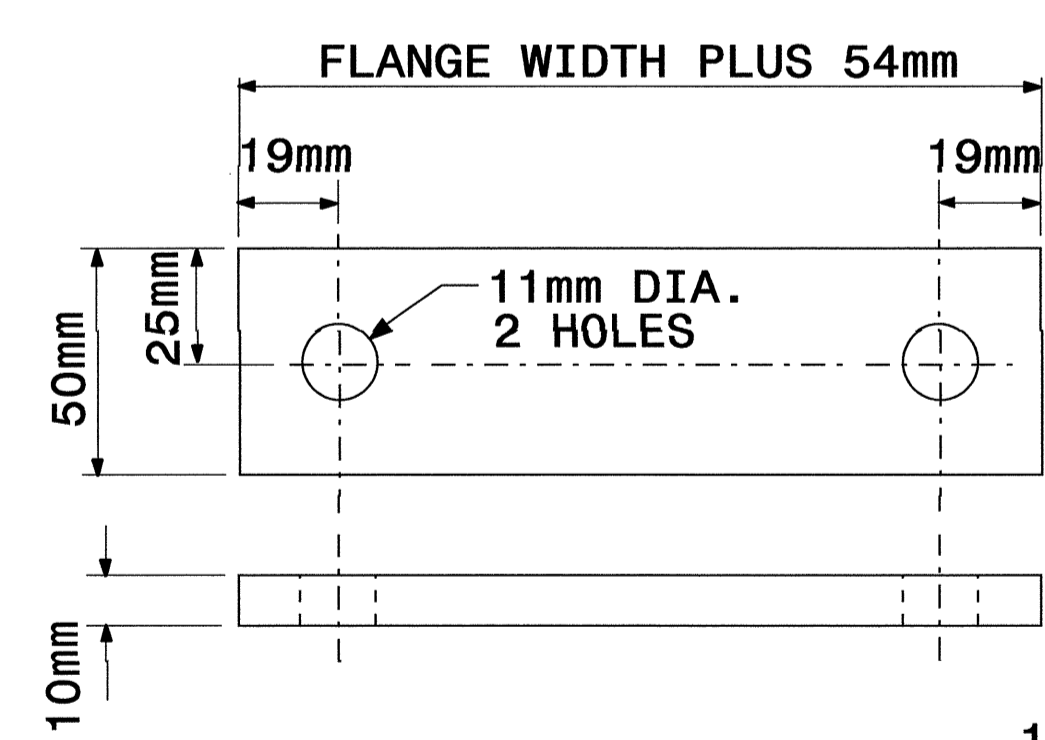
04-DEC-2008 11:44 AM C:\Users\p15m\Documents\Projects\2414A-traffic-signing\Layout\Plans\2414A-traffic-signing\quant.tbl.dgn



TIP NO. R-2414A	SHEET NO. SIGN-3B
APPROVED: <i>[Signature]</i>	
DATE: 12/5/08	
SEAL	

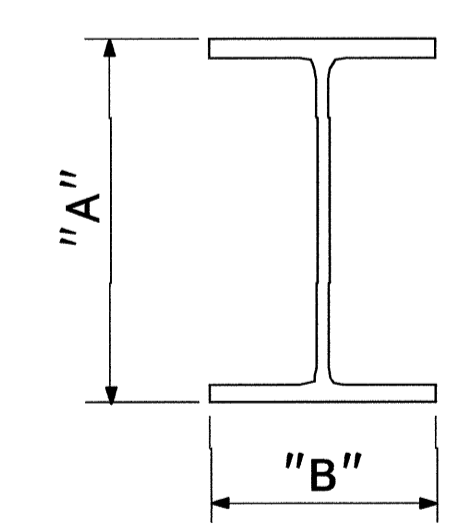


**BACKING PLATE  
DETAIL**



**SIGN SUPPORTS SECTION DIMENSIONS**

SECTION	A	B
S75 X 8.5	76.2	60.3
S100 X 11	101.6	66.7
W150 X 13	152.4	101.6
W150 X 18	152.4	101.6
W150 X 24	158.8	101.6
W200 X 27	206.4	133.4
W200 X 31	209.6	133.4
W250 X 33	257.2	146.1
W250 X 39	263.5	146.1
W300 X 39	311.2	165.0
W350 X 45	352.4	171.5
W400 X 31	403.2	139.7
W450 X 52	450.9	152.4
W450 X 60	454.0	152.4
W525 X 65	523.9	165.1



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.
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.

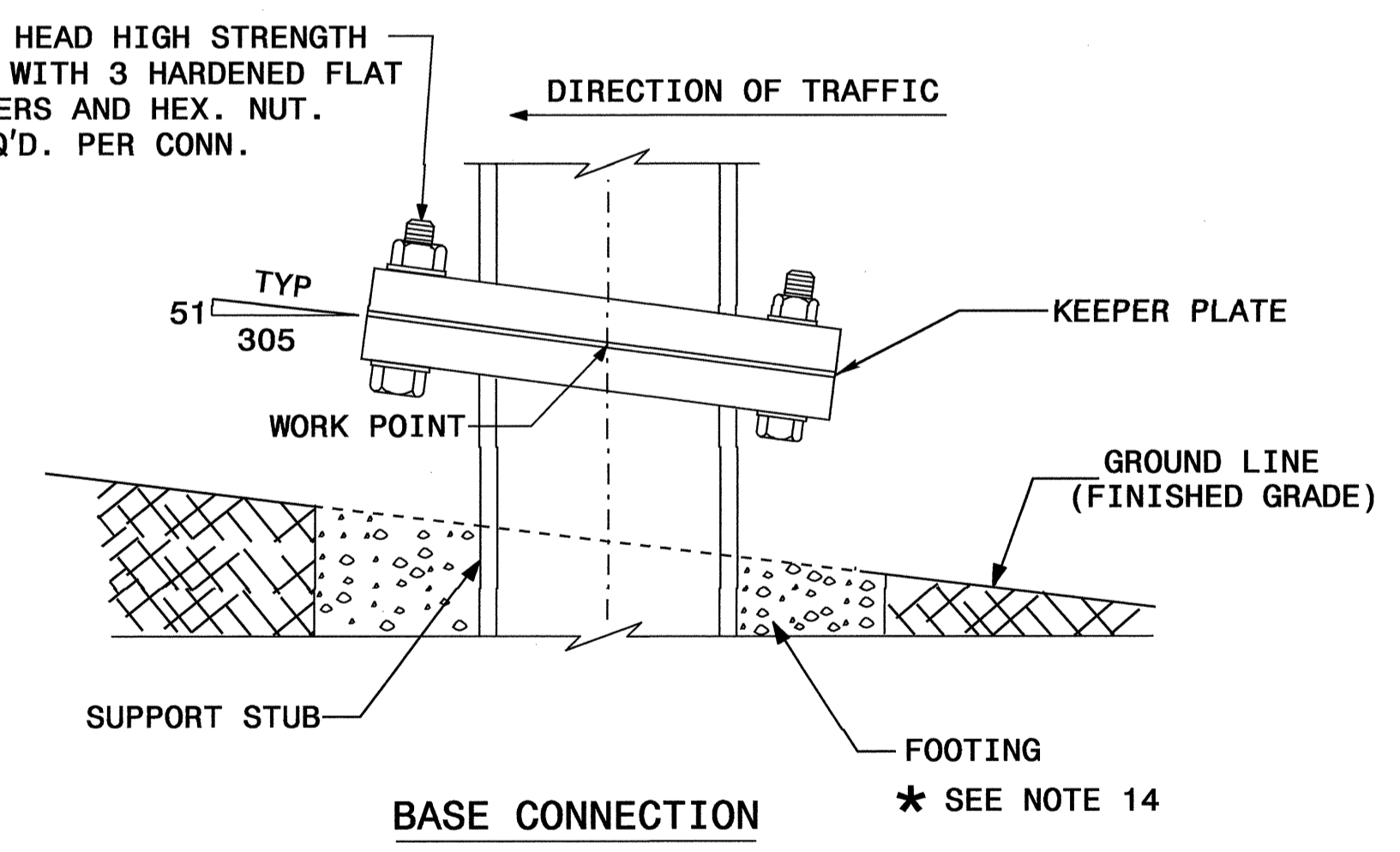
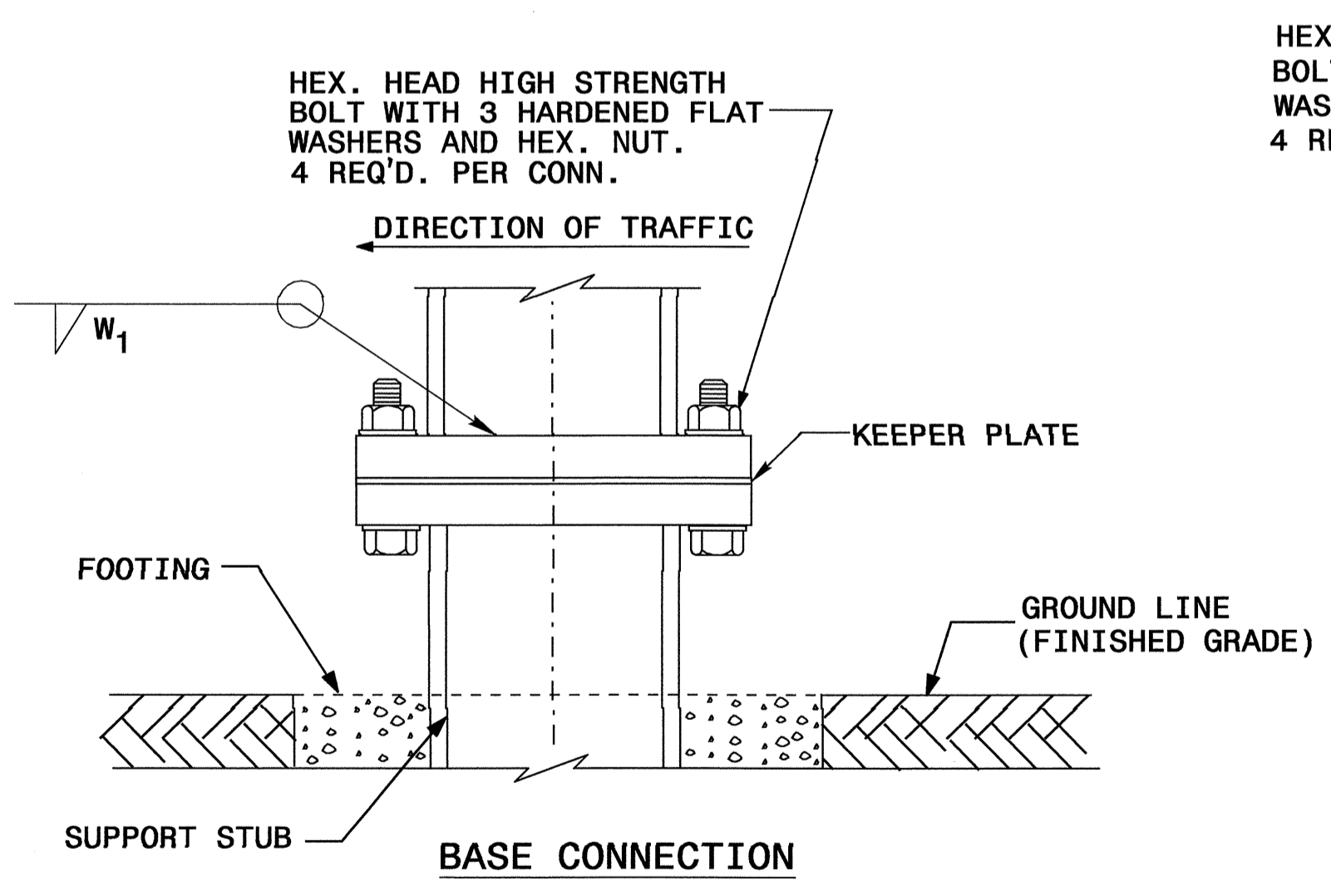
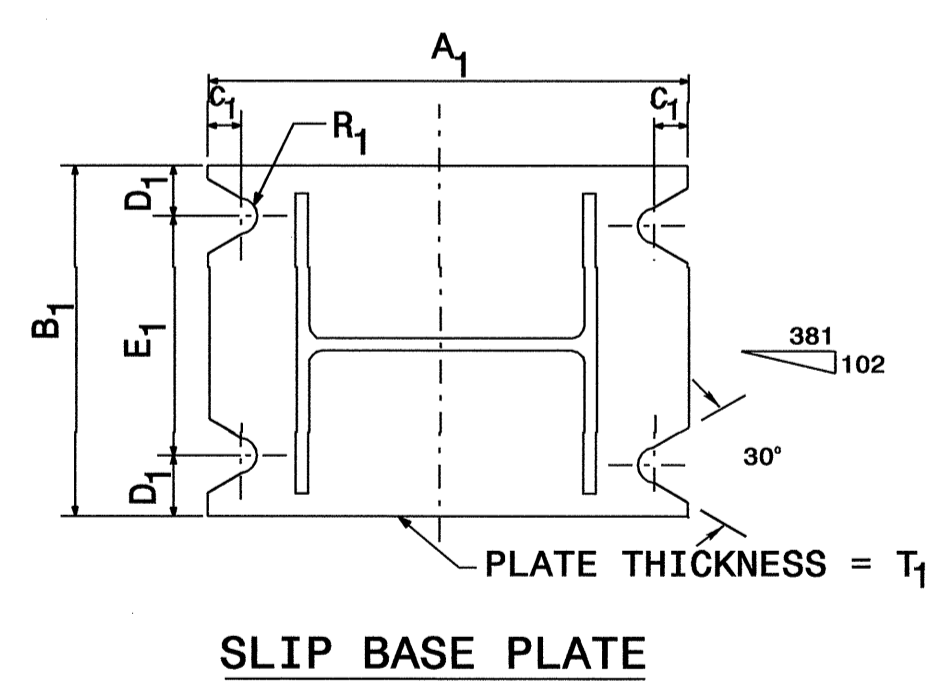
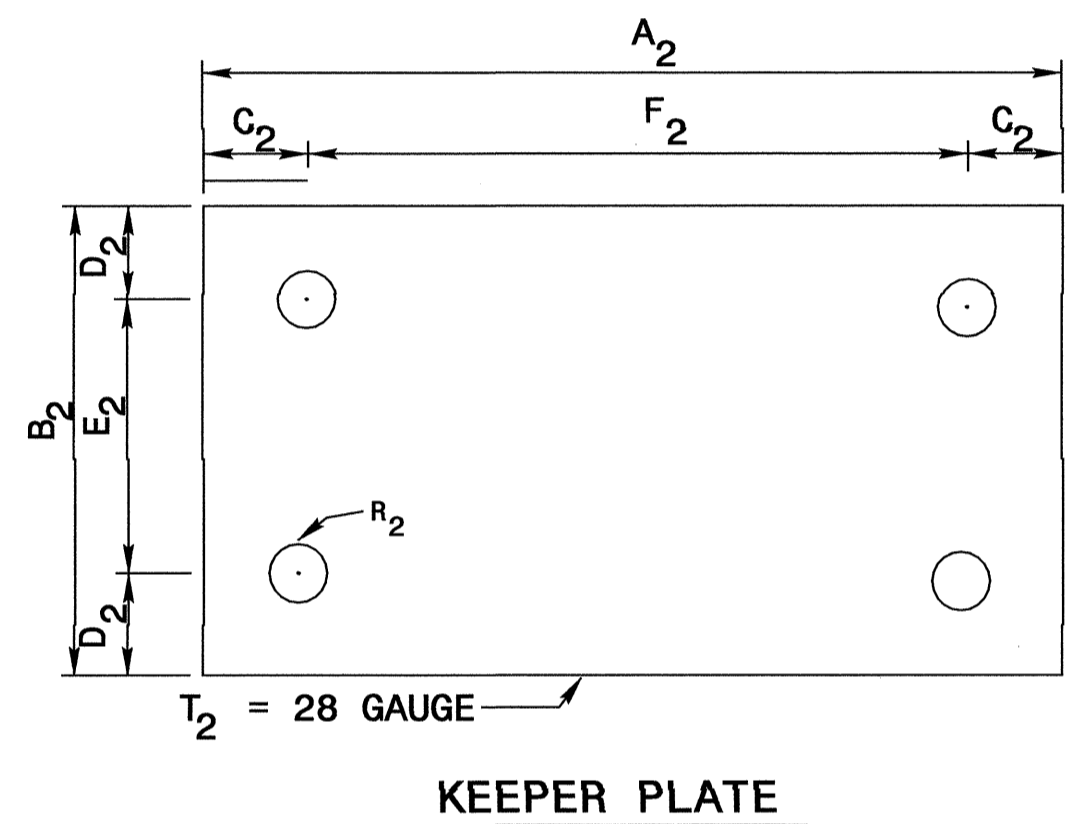
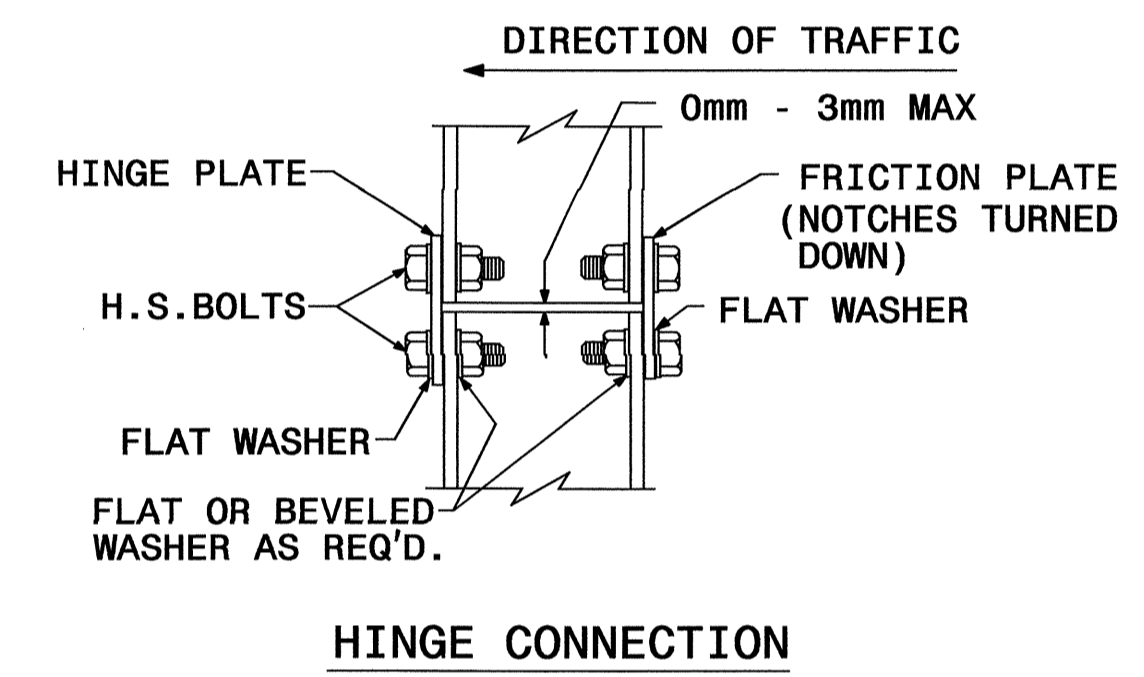
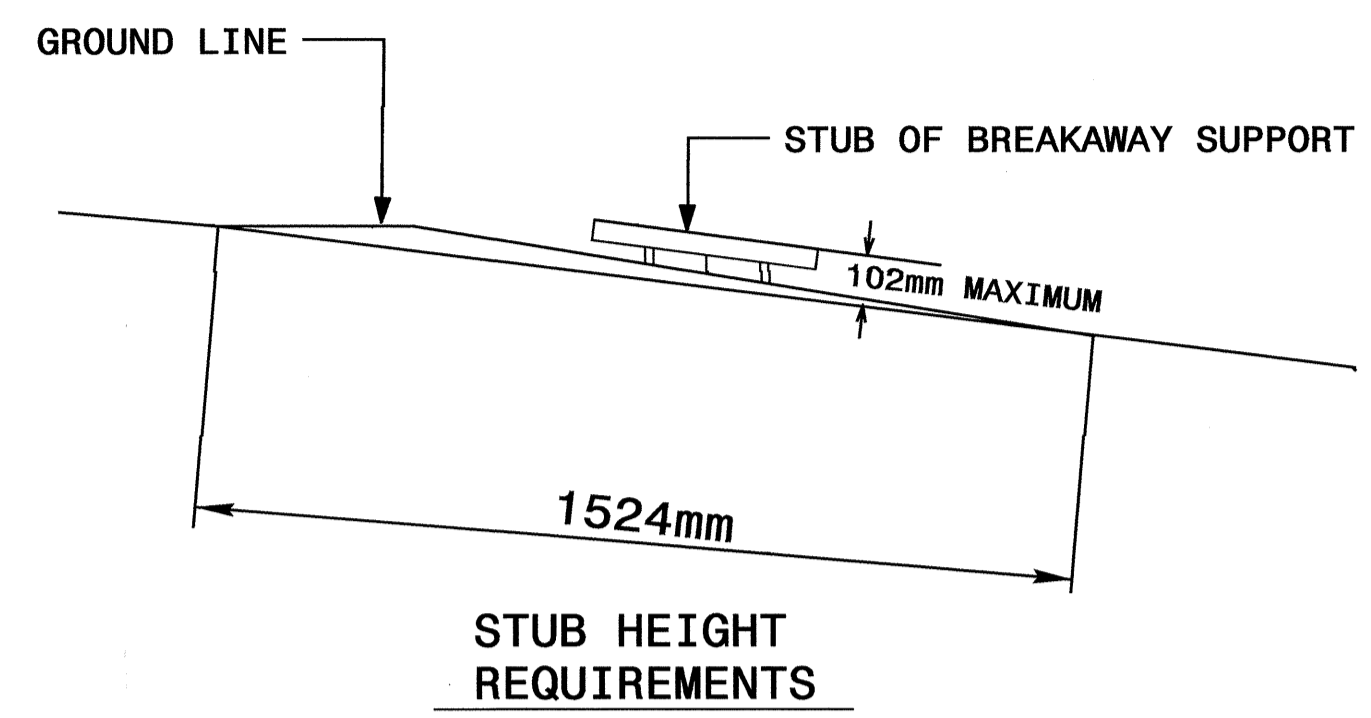
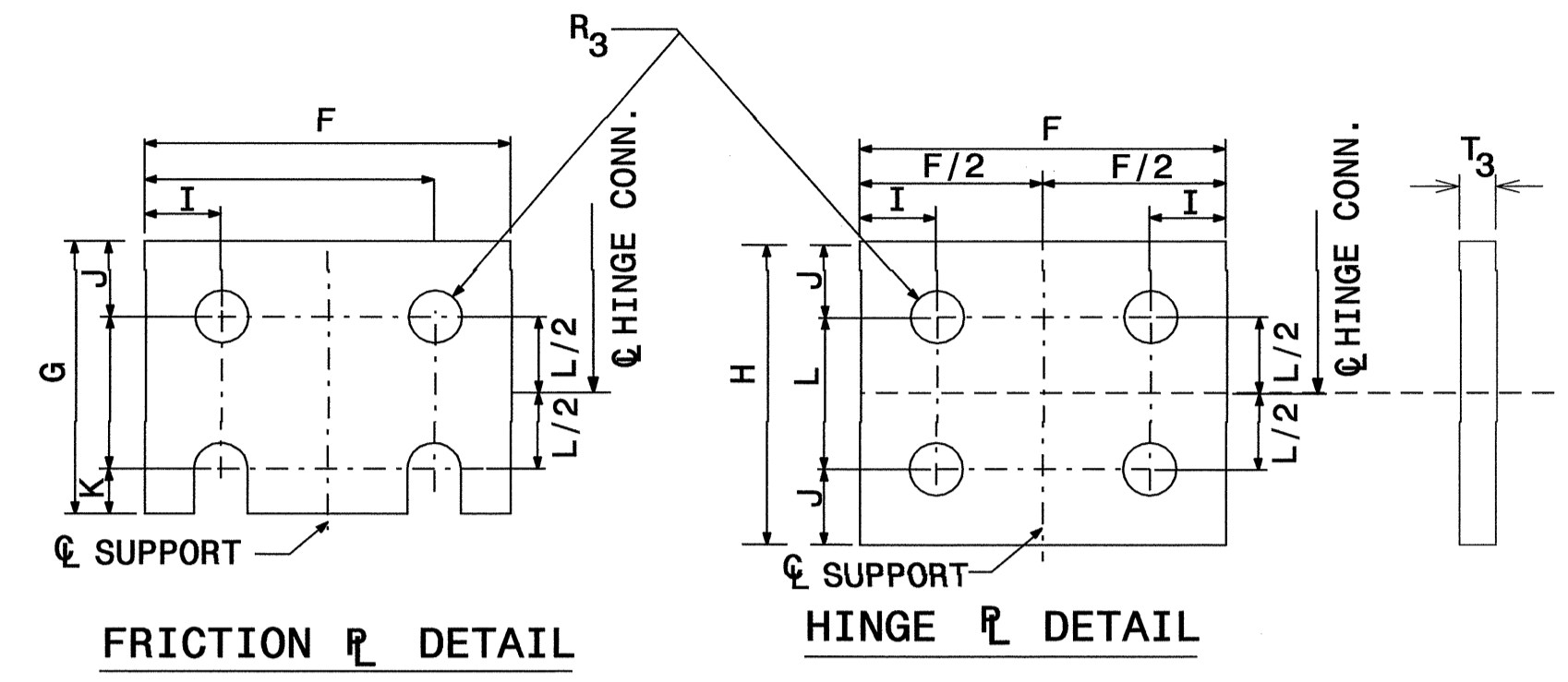
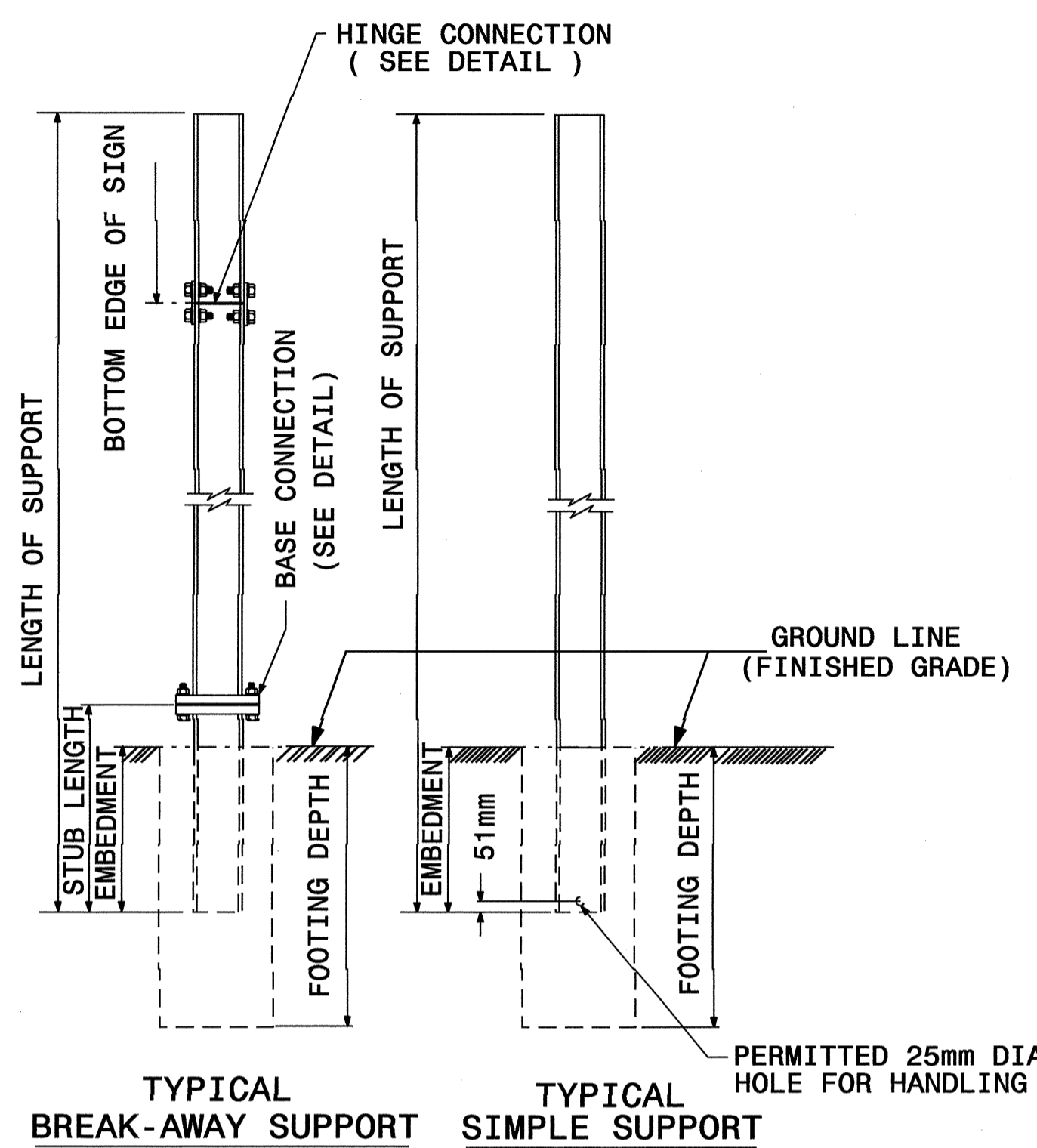
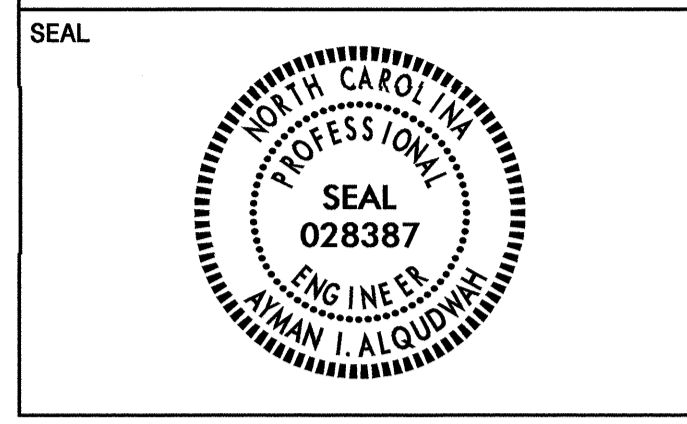
**Note:**  
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

**SIGN MOUNTING DETAILS**

04-1955-2008 11x44 R2414A Traffic Signing Layout Plans R2414A.tbl - quant.tbl.dgn



TIP NO. R-2414A SHEET NO. SIGN-3C  
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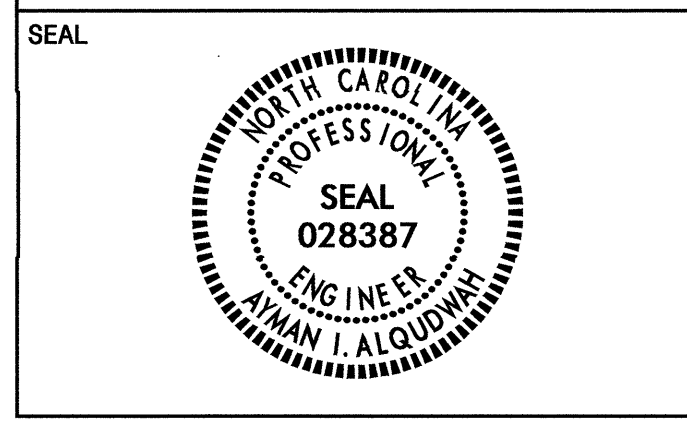
SEE SHEET SIGN-3D FOR BASE CONNECTION DATA  
 HINGE CONNECTION DATA & FOUNDATION DATA.  
 SEE SHEET SIGN-3E FOR GENERAL NOTES.

**GROUND MOUNTED SIGN SUPPORTS**

04/19/08 11:48 AM R2414A.Traffic Signing Layout Plans\B2414A.tbl - quant.txdgn

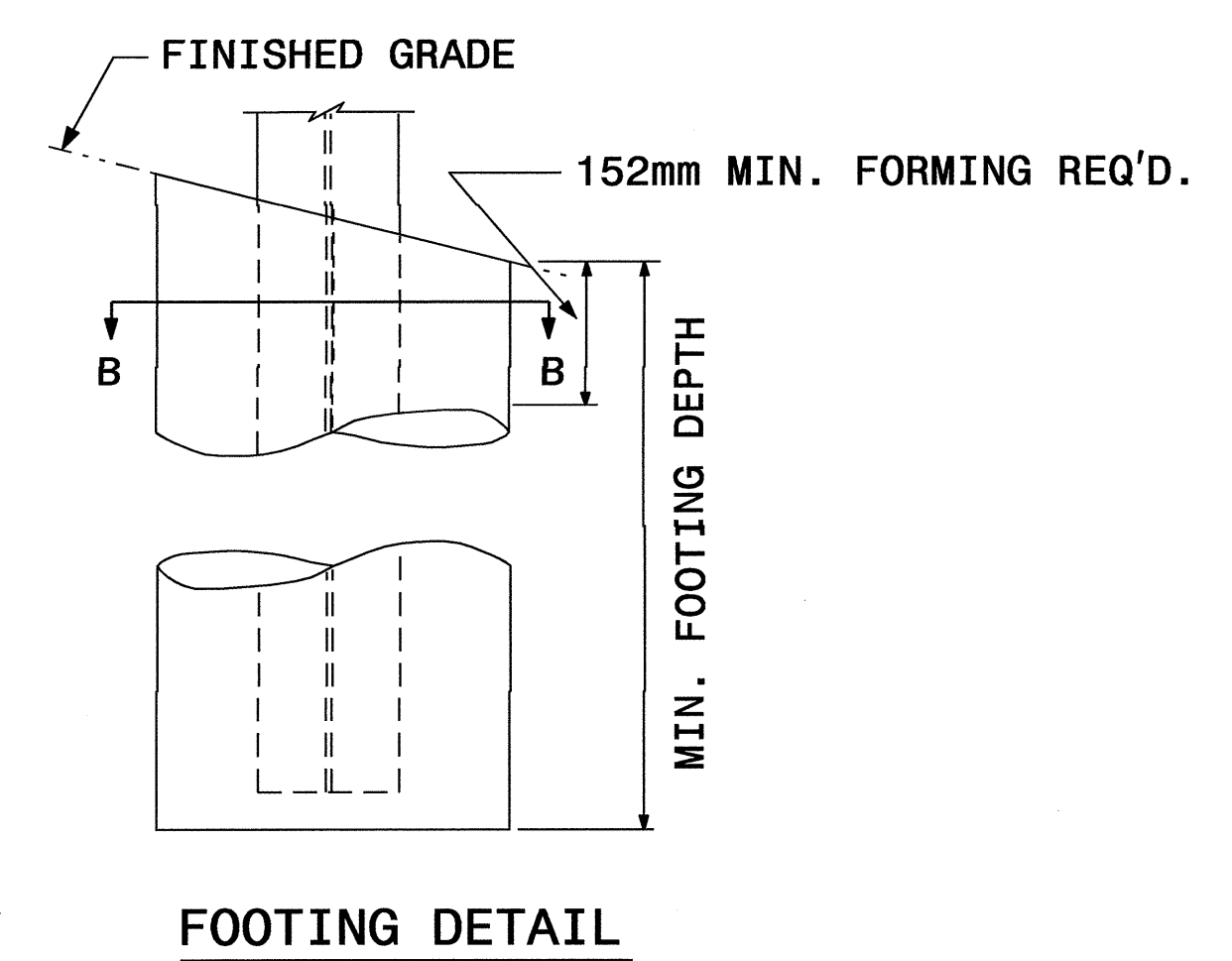
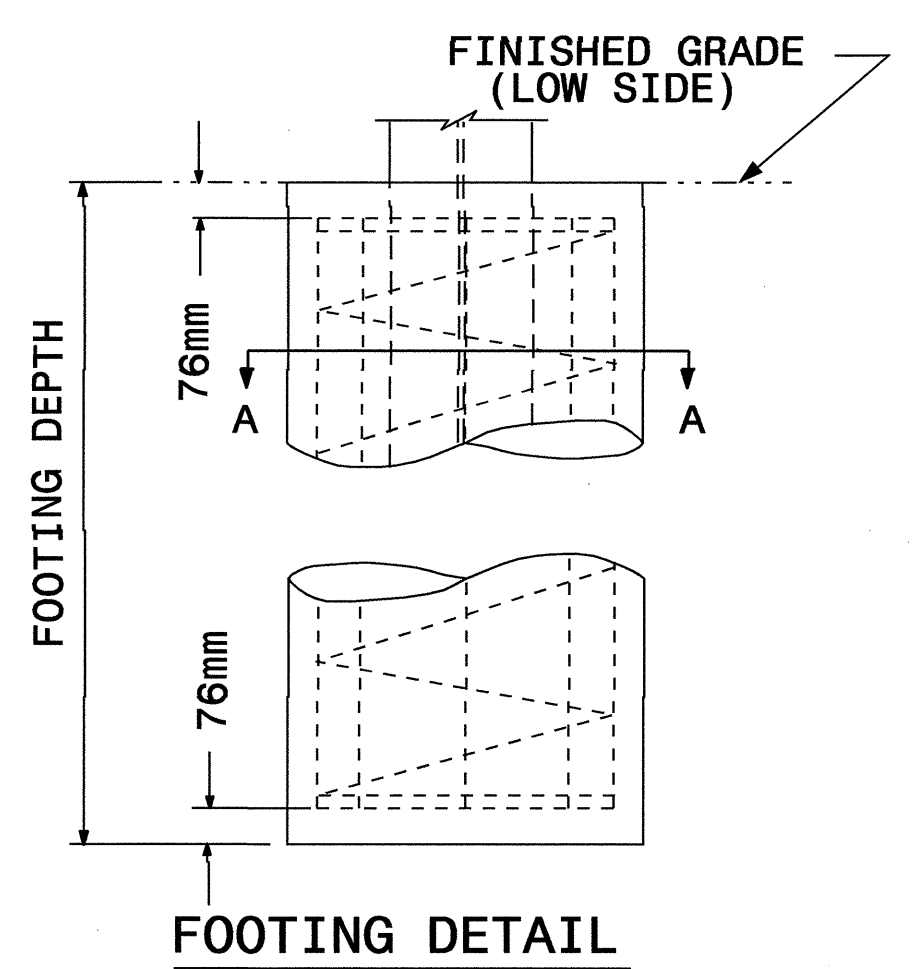
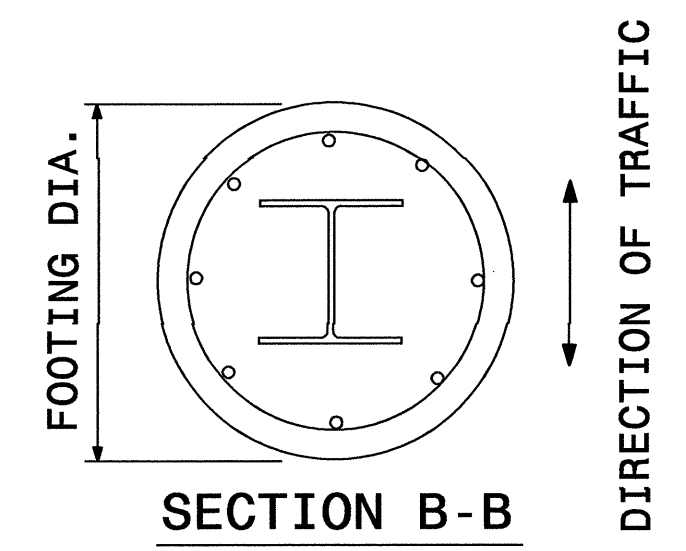
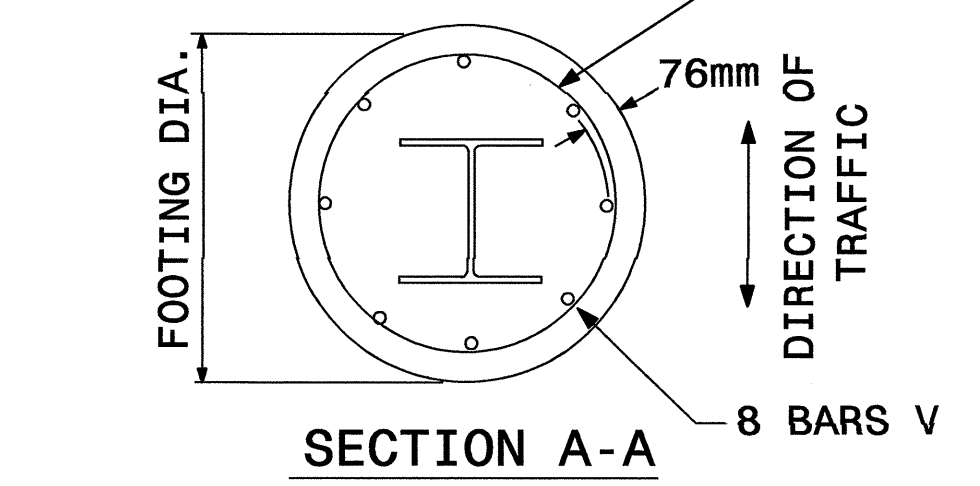


APPROVED: *[Signature]*  
DATE: 12/5/08



BEAM SHAPE	BOLT SIZE	SLIP BASE PLATE DATA								KEEPER PLATE DATA								HINGE CONNECTION DATA								BREAK AWAY SUPPORT WEIGHT CONSTANT KGS.
		A <sub>1</sub>	B <sub>1</sub>	C <sub>1</sub>	D <sub>1</sub>	E <sub>1</sub>	T <sub>1</sub>	R <sub>1</sub>	A <sub>2</sub>	B <sub>2</sub>	C <sub>2</sub>	D <sub>2</sub>	E <sub>2</sub>	R <sub>2</sub>	T <sub>2</sub>	BOLT SIZE	F	G	H	I	J	K	L	R <sub>3</sub>	T <sub>3</sub>	
S75X8.5	13 DIA. X 76	178	102	25	19	64	25	7	178	102	25	19	64	7	28 GAUGE	13 DIA. X 32	57	89	102	13	25	13	51	7	10	8
S100X11	13 DIA. X 76	203	102	25	19	64	25	7	203	102	25	19	64	7	28 GAUGE	13 DIA. X 32	67	89	102	13	25	13	51	7	10	9
W150X13	13 DIA. X 76	254	127	25	19	89	25	7	254	127	25	19	89	7	28 GAUGE	13 DIA. X 32	102	89	102	19	25	13	51	7	10	15
W150X18	16 DIA. X 95	279	127	32	22	83	32	9	279	127	32	22	83	9	28 GAUGE	16 DIA. X 57	102	102	114	19	29	16	57	9	10	18
W150X24	16 DIA. X 95	305	152	32	22	108	38	9	305	152	32	22	108	9	28 GAUGE	16 DIA. X 64	102	102	114	19	29	16	57	9	13	21
W200X27	16 DIA. X 108	343	165	32	22	121	38	9	343	165	32	22	121	9	28 GAUGE	16 DIA. X 64	133	102	114	25	29	16	57	9	13	32
W200X31	19 DIA. X 108	356	178	38	25	127	38	10	356	178	38	25	127	10	28 GAUGE	19 DIA. X 70	133	152	178	25	44	19	89	10	13	33
W250X33	19 DIA. X 108	406	203	38	25	152	38	10	406	203	38	25	152	10	28 GAUGE	19 DIA. X 70	146	152	178	25	44	19	89	10	13	54
W250X39	19 DIA. X 121	419	203	38	25	152	44	10	419	203	38	25	152	10	28 GAUGE	19 DIA. X 70	146	152	178	25	44	19	89	10	16	64
W300X39	19 DIA. X 121	470	229	38	25	178	44	10	470	229	38	25	178	10	28 GAUGE	19 DIA. X 70	165	152	178	25	44	19	89	10	16	80
W350X45	25 DIA. X 127	559	229	51	38	152	51	13	559	229	51	38	152	13	28 GAUGE	25 DIA. X 76	171	178	203	32	51	25	102	13	16	93
W400X46	25 DIA. X 127	610	229	51	38	152	51	13	610	229	51	38	152	13	28 GAUGE	25 DIA. X 83	140	178	203	32	51	25	102	13	19	101
W450X52	25 DIA. X 127	635	229	51	38	152	51	13	635	229	51	38	152	13	28 GAUGE	25 DIA. X 83	152	178	203	32	51	25	102	13	19	110
W450X60	25 DIA. X 140	660	229	51	38	152	57	13	660	229	51	38	152	13	28 GAUGE	25 DIA. X 95	152	178	203	32	51	25	102	13	22	126
W525X65	25 DIA. X 140	737	229	51	38	152	64	13	737	229	51	38	152	13	28 GAUGE	25 DIA. X 95	165	178	203	32	51	25	102	13	22	141

51mm FLAT TURNS TOP AND BOTTOM (SEE NOTE 11)



FOUNDATION DATA *		
FOOTING DIAMETER	REINFORCEMENT	SPIRAL BAR
305	8 # 4 BARS	#3 BAR, 76 PITCH
457	8 # 6 BARS	#3 BAR, 76 PITCH
610	8 # 7 BARS	#3 BAR, 76 PITCH
762	8 # 9 BARS	#3 BAR, 76 PITCH
914	8 # 11 BARS	#3 BAR, 76 PITCH
1067	8 # 12 BARS	#3 BAR, 76 PITCH
1219	8 # 14 BARS	#3 BAR, 76 PITCH

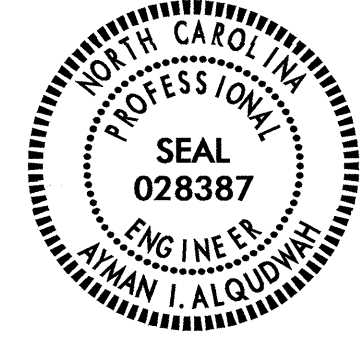
\* FOUNDATION DIMENSIONS ARE SHOWN IN PLANS  
SEE SHEET SIGN-3E FOR NOTES

**Note:**  
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

**GROUND MOUNTED SIGN SUPPORTS**

04-PFC-2008-1148-R2414A-Traffic Signing Layout Plans R2414A.ctb, quant, ty.dgn



TIP NO. R-2414A	SHEET NO. SIGN-3E
APPROVED: <i>[Signature]</i>	
DATE: 12/5/08	
SEAL	
	

**NOTES:**

- DESIGN CONFORMS WITH THE SPECIFICATIONS FOR THE DESIGN AND CONSTRUCTION OF STRUCTURAL SUPPORTS FOR HIGHWAY SIGNS - A.A.S.H.T.O.
- USE MATERIALS, FABRICATE AND ERECT SIGNS AND SUPPORTS THAT CONFORM TO THE NORTH CAROLINA DEPARTMENT OF TRANSPORTATION STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES.
- 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.
- 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
- 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.
- BASE PLATES DETAILS ARE FOR INSTALLATIONS ON THE RIGHT SHOULDER AND IN GORE AREAS.
- ASSEMBLE UPPER SUPPORT TO STUB AS SHOWN IN DETAIL. SLIP BASE PLATES SHALL BE FILLET WELDED ONTO POSTS ALL AROUND THE STRUCTURAL SHAPE. 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 (N-M)
13	39
16	62
19	73
25	83

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.

- 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 HALF A METER INTO THE ROCK. CONSTRUCT ALL FOOTINGS OF CLASS A CONCRETE.
- FORM TOP 152mm OF FOOTINGS. ENGINEER APPROVES THE METHOD USED.
- THE FINAL FLAT TURN OF SPIRAL OR HOOPS NO. 3 OR LARGER PLACED 76mm FROM TOP AND BOTTOM OF FOOTING MAY BE WELDED TO VERTICAL REINFORCING BARS. NO OTHER WELDING WILL BE PERMITTED.
- ELIMINATE HINGE CONNECTION FOR ALL SINGLE SUPPORT SIGNS.
- 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.
- SHAPE THE TOPS OF THE FOOTINGS TO CONFORM WITH FINISHED GROUND ELEVATIONS SUCH THAT WATER WILL NOT COLLECT AGAINST THE SUPPORTS.
- IF THE GROUNDWATER IS ENCOUNTERED AT AN DEPTH SHALLOWER THAN 2 METERS, 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.

05-1166-2008 08:35:35 R-2414A Traffic Signing Layout Plans R2414A.tbl, quantity.dgn

**Note:**  
This drawing is dimensioned in millimeters unless otherwise depicted within the drawing.

**GROUND MOUNTED SIGN SUPPORTS**



TIP NO.  
R-2414A SIGN-4A  
APPROVED: *[Signature]*  
DATE: 12/5/08

SEAL



SIGN NUMR: 101  
TYPE: A Ground  
QUANTITY: 1

BACKG. COLOR: Green  
COPY COLOR: White

DESIGN BY: DME  
PROJECT ID: R-2414A

CHK BY:  
DIV: 1

STD #: \$STN  
DATE: Dec 03, 2008

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



SIGN WIDTH: 2600mm  
HEIGHT: 1200mm  
TOTAL AREA: 3.1 Sq.m

MAT'L: 3.2 mm ALUMINUM

BORDER TYPE: FLUSH  
RECESS: 0mm  
WIDTH: 40mm  
RADII: 150mm  
NO. Z BARS: 2  
LENGTH: 2.397 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 Type 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	l	i	g	o																			EM 2000
	195	224	120	102	194	136	1629																		776
		1	4																						EM 2000
	2125	94	186	195																					280
		N	a	g	s		H	e	a	d															EM 2000
	195	212	194	190	132	200	212	176	194	132	763														1642
		5	5																						EM 2000
	2037	206	162	195																					368
		M	a	n	t	e	o																		EM 2000
	195	236	212	192	150	176	136	1303																	1102
		6	5																						EM 2000
	2039	204	162	195																					366

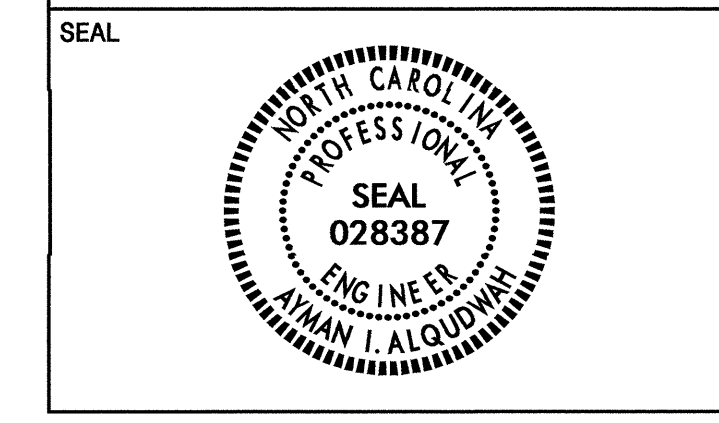
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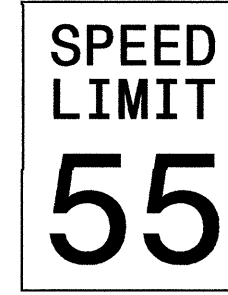
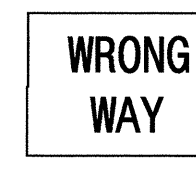
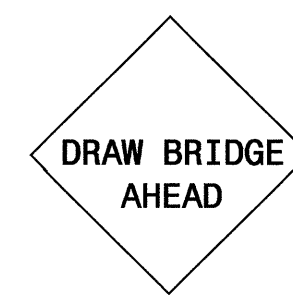

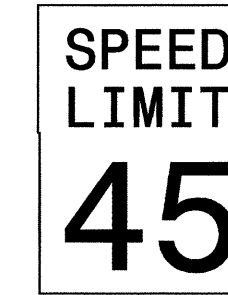
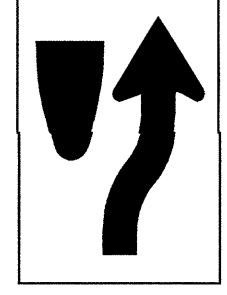
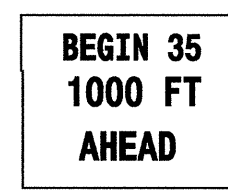
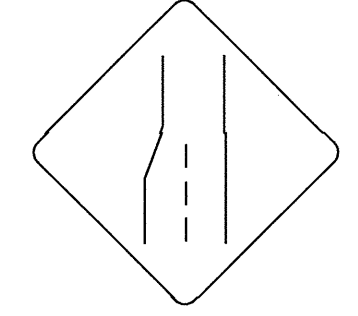
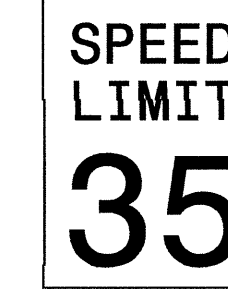
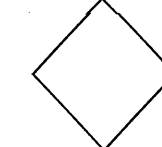

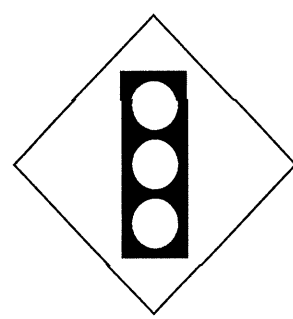

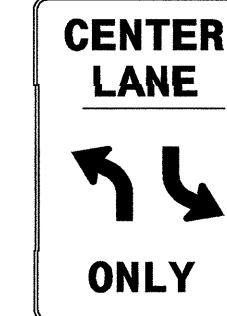

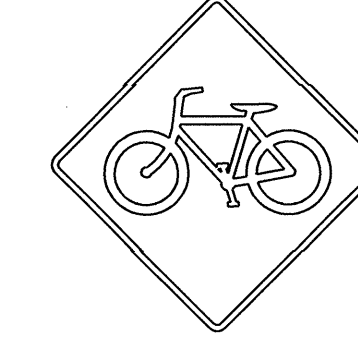
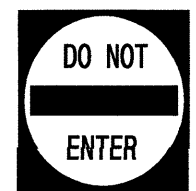


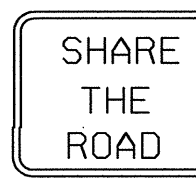
SIGN DESIGN





TIP NO. R-2414A	SHEET NO. SIGN-4B
APPROVED: <i>[Signature]</i>	
DATE: 12/5/08	

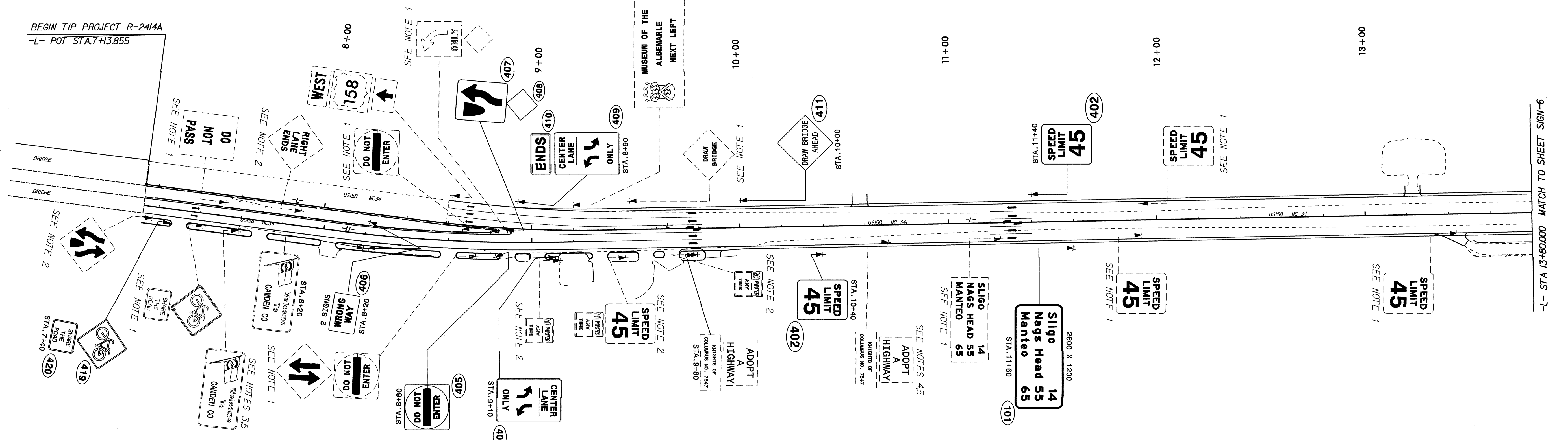
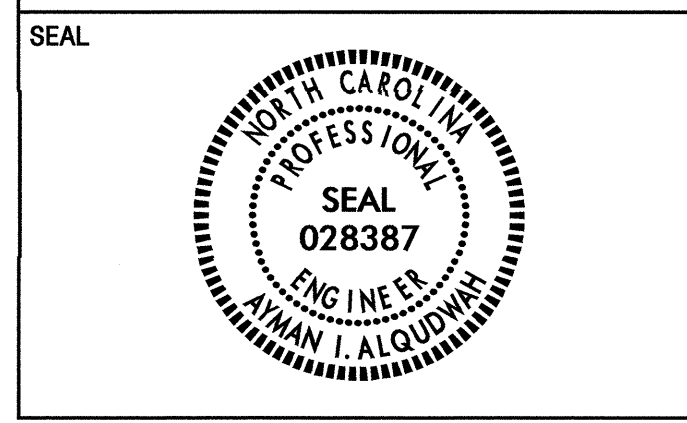


<p>401 QUANTITY REQ'D <u>2</u></p>  <p>914 X 1219 R2-1</p> <p>ONE WOOD POST PER SIGN</p>	<p>406 QUANTITY REQ'D <u>2</u></p>  <p>914 X 610 R5-1A</p> <p>ONE WOOD POST PER SIGN</p>	<p>411 QUANTITY REQ'D <u>1</u></p>  <p>914 X 914 W3-6</p> <p>ONE WOOD POST PER SIGN</p>	<p>416 QUANTITY REQ'D <u>1</u></p>  <p>1219 X 1219 W19-10L</p> <p>TWO WOOD POSTS PER SIGN</p>			
<p>402 QUANTITY REQ'D <u>3</u></p>  <p>914 X 1219 R2-1</p> <p>ONE WOOD POST PER SIGN</p>	<p>407 QUANTITY REQ'D <u>1</u></p>  <p>914 X 1219 R4-7</p> <p>TWO WOOD POSTS PER SIGN</p>	<p>412 QUANTITY REQ'D <u>1</u></p>  <p>1219 X 914 R2-80</p> <p>TWO WOOD POSTS PER SIGN</p>	<p>417 QUANTITY REQ'D <u>1</u></p>  <p>1219 X 1219 W4-2L</p> <p>TWO WOOD POSTS PER SIGN</p>			
<p>403 QUANTITY REQ'D <u>1</u></p>  <p>914 X 1219 R2-1</p> <p>ONE WOOD POST PER SIGN</p>	<p>408 QUANTITY REQ'D <u>1</u></p>  <p>457 X 457 W23-15</p> <p>MOUNT BELOW SIGN 407 IN <u>1</u> INSTALLATION</p>	<p>413 QUANTITY REQ'D <u>1</u></p>  <p>914 X 914 W3-5</p> <p>ONE WOOD POST PER SIGN</p>	<p>418 QUANTITY REQ'D <u>1</u></p>  <p>914 X 914 W3-3</p> <p>ONE WOOD POST PER SIGN</p>			
<p>404 QUANTITY REQ'D <u>1</u></p>  <p>762 X 762 R1-1</p> <p>ONE WOOD POST PER SIGN</p>	<p>409 QUANTITY REQ'D <u>6</u></p>  <p>914 X 1219 R3-9B</p> <p>ONE WOOD POST PER SIGN</p>	<p>414 QUANTITY REQ'D <u>1</u></p>  <p>914 X 914 W3-5</p> <p>ONE WOOD POST PER SIGN</p>	<p>419 QUANTITY REQ'D <u>2</u></p>  <p>914 X 914 W11-1</p> <p>ONE WOOD POST PER SIGN</p>			
<p>405 QUANTITY REQ'D <u>1</u></p>  <p>762 X 762 R5-1</p> <p>ONE WOOD POST PER SIGN</p>	<p>410 QUANTITY REQ'D <u>2</u></p>  <p>762 X 305 R3-17B</p> <p>MOUNT ABOVE SIGN 409. IN <u>2</u> INSTALLATIONS</p>	<p>415 QUANTITY REQ'D <u>1</u></p>  <p>1219 X 1219 W19-10L</p> <p>TWO WOOD POSTS PER SIGN</p>	<p>420 QUANTITY REQ'D <u>2</u></p>  <p>457 X 610 W16-1</p> <p>MOUNT BELOW SIGN IN <u>2</u> INSTALLATIONS</p>			<p>NOTE: THIS DRAWING IS DIMENSIONED IN MILLIMETERS UNLESS OTHERWISE DEPICTED WITHIN THE DRAWING.</p> <p><b>TYPE "E" SIGNS</b></p>

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 12/5/08 10:51 AM



TIP NO.  
R-2414A SIGN-5  
APPROVED: *[Signature]*  
DATE: 12/5/08



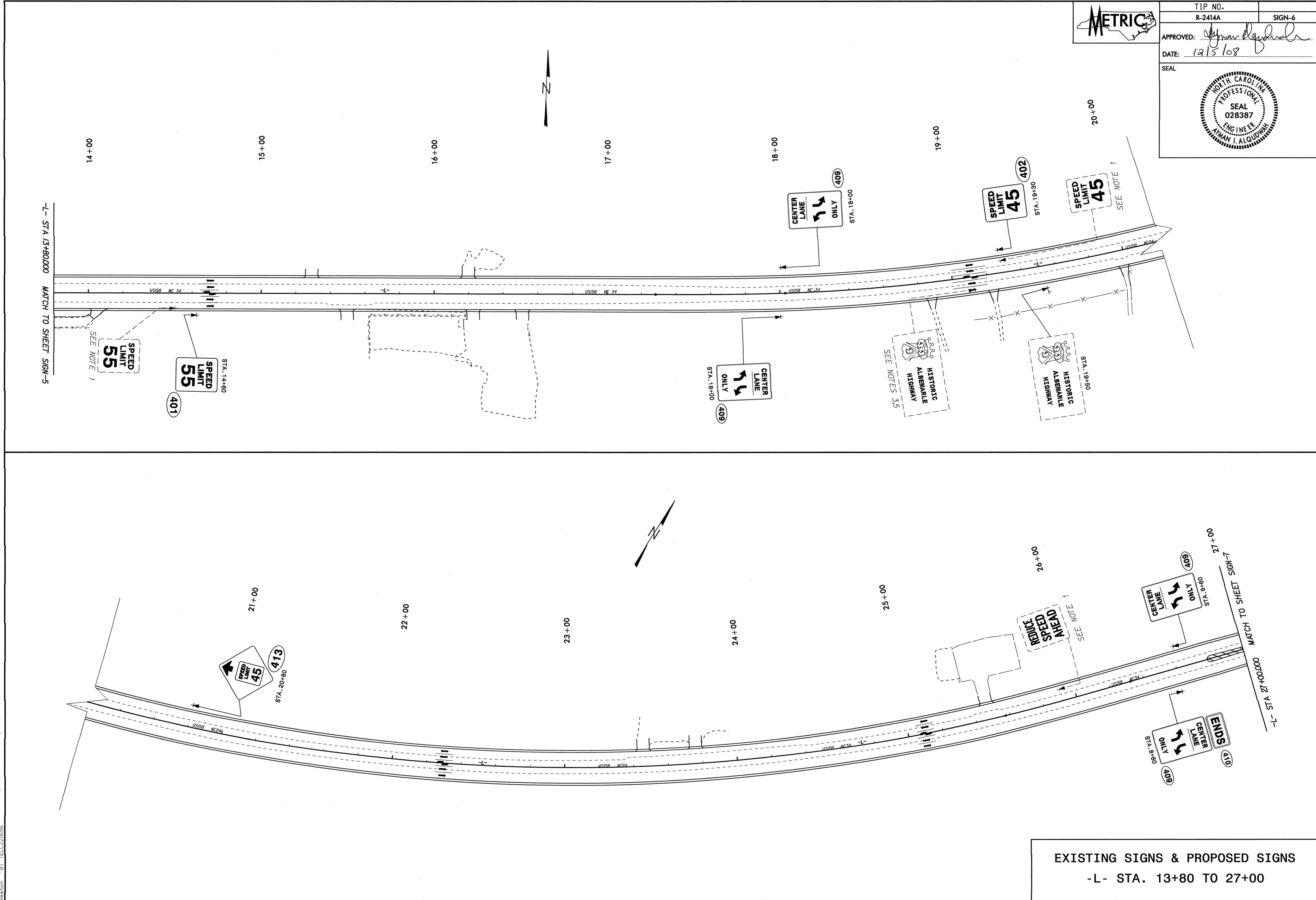
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-L- POT STA. 7+13.855

-L- STA 13+80.000 MATCH TO SHEET SIGN-6

EXISTING SIGNS & PROPOSED SIGNS  
-L- STA. 7+13.855 TO 13+80

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 12/5/08 10:51 AM

04-15-2008 12:16:04 R2414A Traffic Signing Layout Plans R2414A.tbl, quant, ty.dgn  
PROJECT: R2414A TELE 221855



EXISTING SIGNS & PROPOSED SIGNS  
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TIP NO. R-2414A	SIGN-6
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DATE: 12/5/08	
SEAL	

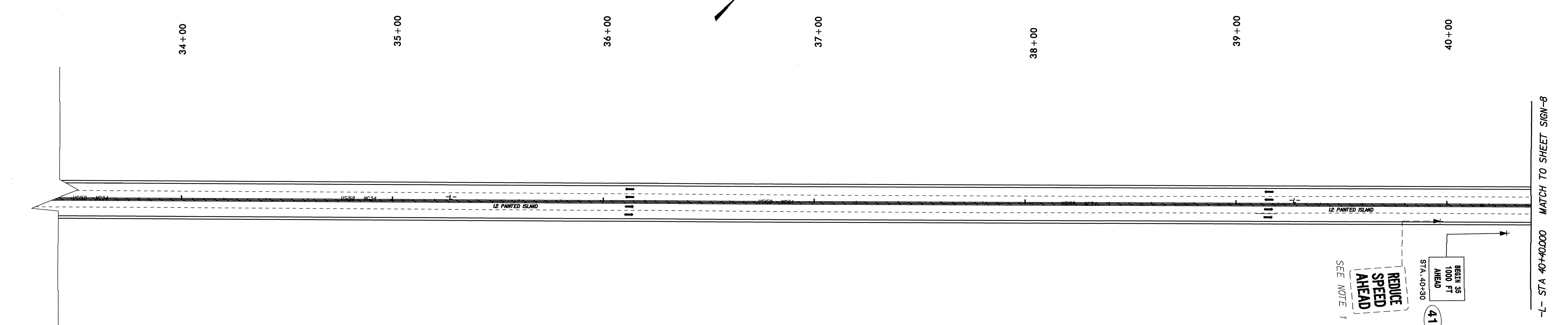
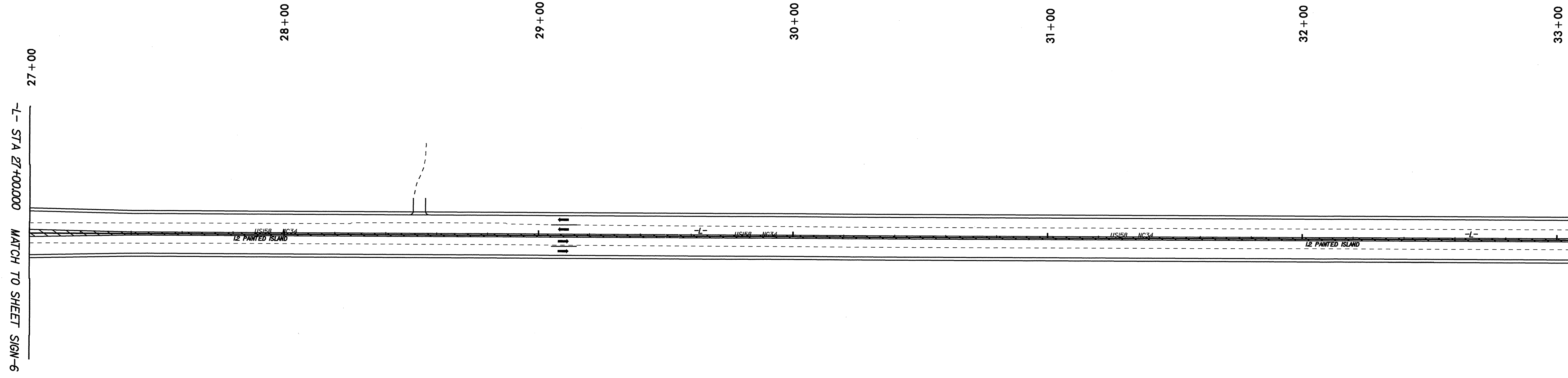
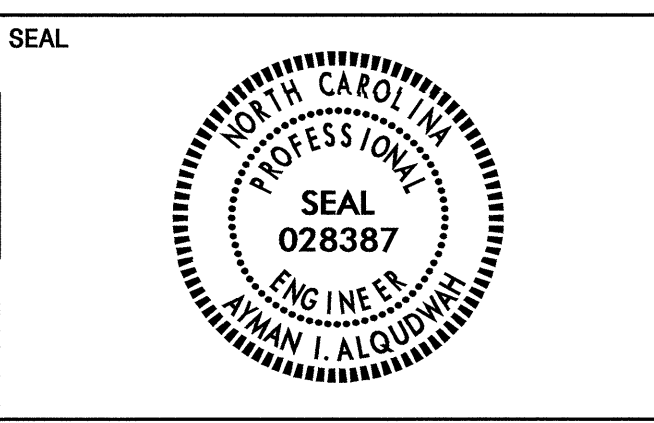
SEAL  
028387  
ENGINEER  
AIMAN I. ALQUDMANI





TIP NO.  
R-2414A  
SIGN-7

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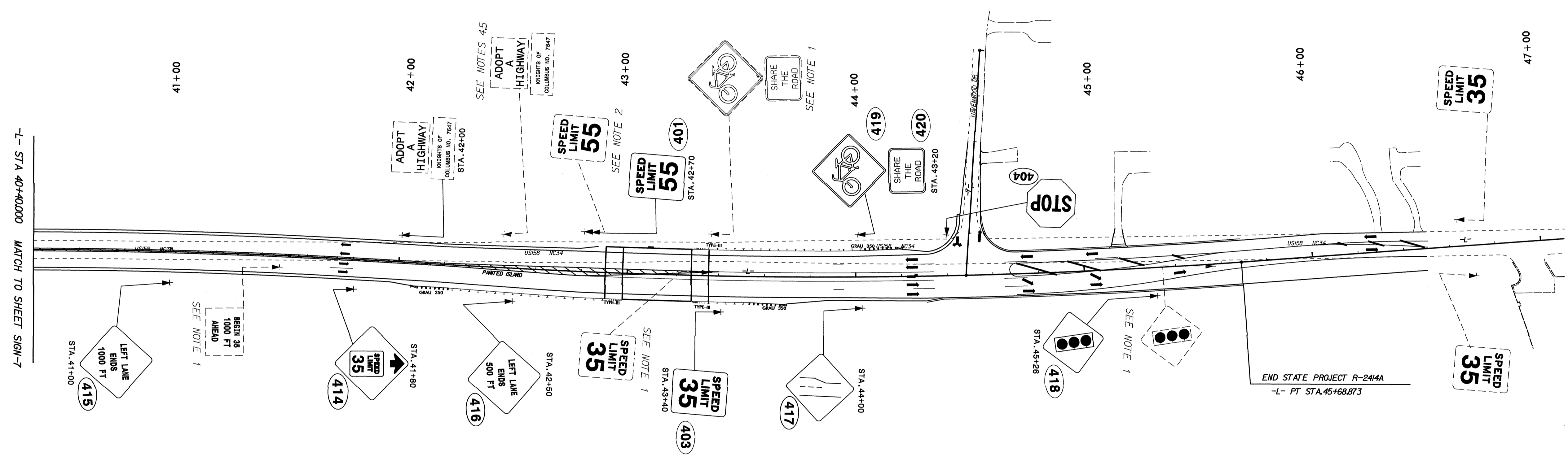


EXISTING SIGNS & PROPOSED SIGNS  
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TIP NO.	R-2414A	SIGN-8
APPROVED:	<i>Signature</i>	
DATE:	12/5/08	
SEAL		



EXISTING SIGNS & PROPOSED SIGNS  
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