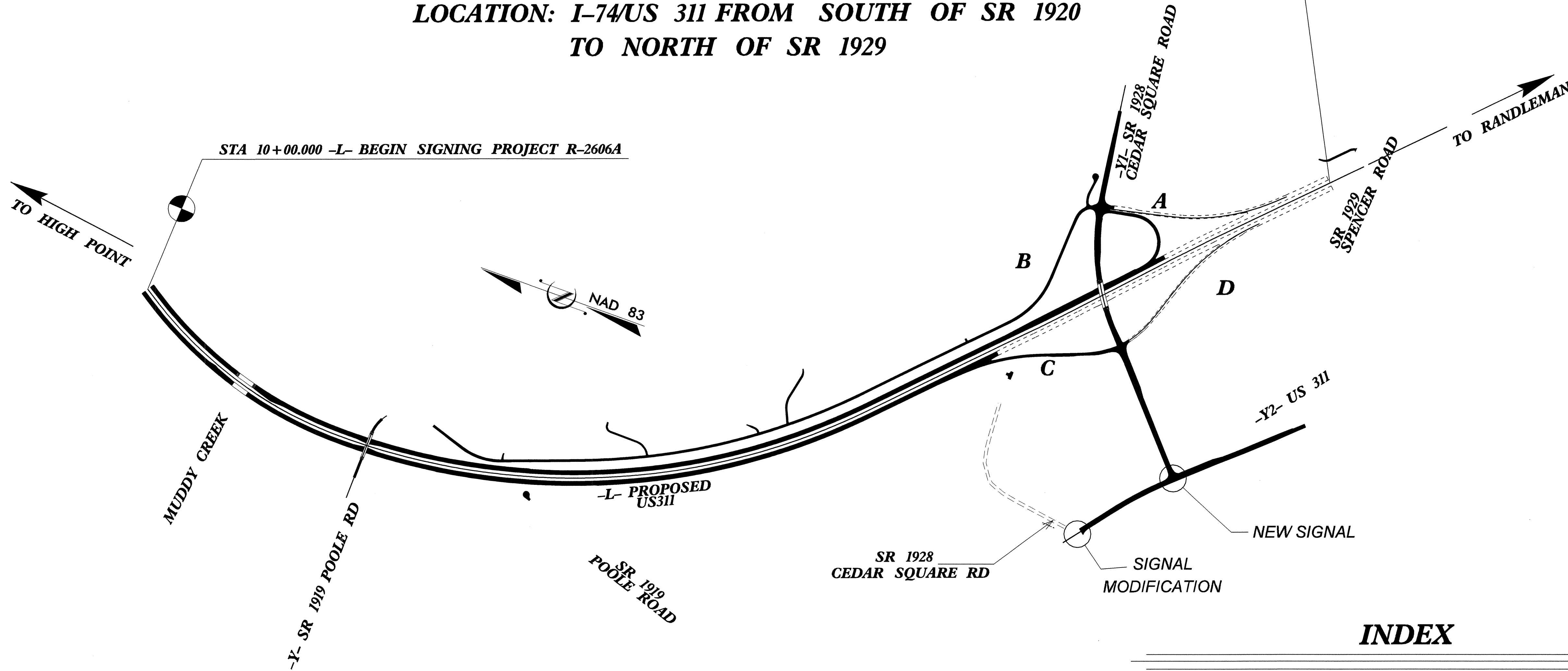


STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION

SIGNING PLANS
RANDOLPH COUNTY

LOCATION: I-74/US 311 FROM SOUTH OF SR 1920
TO NORTH OF SR 1929

STA 132+00.000 -L- END SIGNING PROJECT R-2606A

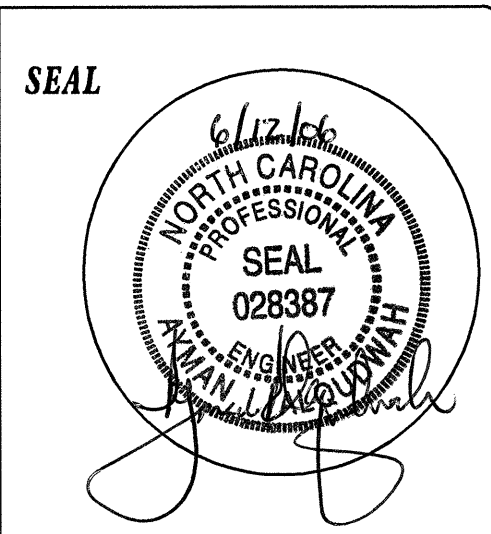


INDEX

SHEET NO.	DESCRIPTION
1	TITLE SHEET
2	SUMMARY OF QUANTITIES & NOTES
3-7	SUPPORT INFORMATION
8	E SHEET
9	F and Milemarker SHEET
10-16	SIGN ROADWAY SHEETS

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

RON KING, PE	SIGNING ENGINEER
A. I. ALQUDWAH, PE	SIGNING PROJECT ENGINEER
K. L. JORDAN	SIGNING PROJECT DESIGN ENGINEER
M. TRACEY	SIGNING DESIGN ENGINEER





SIGNS SUMMARY OF QUANTITIES

ENGLISH CONVERSION

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOOTINGS	3	C.Y.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	3124	LB.
4072000000	903	SUPPORTS, 3 LB STEEL U-CHANNEL	1200	L.F.
4078000000	903	SUPPORTS, 2 LB STEEL U-CHANNEL	4	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	5	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	2	EA.
4096000000	904	SIGN ERECTION, TYPE D	5	EA.
4102000000	904	SIGN ERECTION, TYPE E	28	EA.
4108000000	904	SIGN ERECTION, TYPE F	16	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	4	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.
- . 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
- . ALL EXISTING SIGNS ON "U" CHANNEL POST WITHIN THE PROJECT LIMITS SHALL BE REMOVED AND DISPOSED OF UNLESS OTHERWISE NOTED ON PLANS.
- . 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 III REFLECTIVE SHEETING.
- . SEE ROADWAY PLANS FOR GUARD/GUIDE RAIL DETAILS.

METRIC CONVERSION

ITEM NO.		ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.			
4048000000	902	REINFORCED CONCRETE SIGN FOOTINGS	3	C.M.
4060000000	903	SUPPORTS, BREAKAWAY STEEL BEAM	1418	KG.
4072000000	903	SUPPORTS, 4.5-KG STEEL U-CHANNEL	309	L.M.
4078000000	903	SUPPORTS, 3.0-KG STEEL U-CHANNEL	4	EA.
4110000000	904	SIGN ERECTION, TYPE A (GROUND MOUNTED)	5	EA.
4110000000	904	SIGN ERECTION, TYPE B (GROUND MOUNTED)	2	EA.
4096000000	904	SIGN ERECTION, TYPE D	5	EA.
4102000000	904	SIGN ERECTION, TYPE E	28	EA.
4108000000	904	SIGN ERECTION, TYPE F	16	EA.
4114000000	904	SIGN ERECTION, MILEMARKERS	4	EA.

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

901.10	904.10
901.20	904.20
901.50	904.40
901.70	904.50

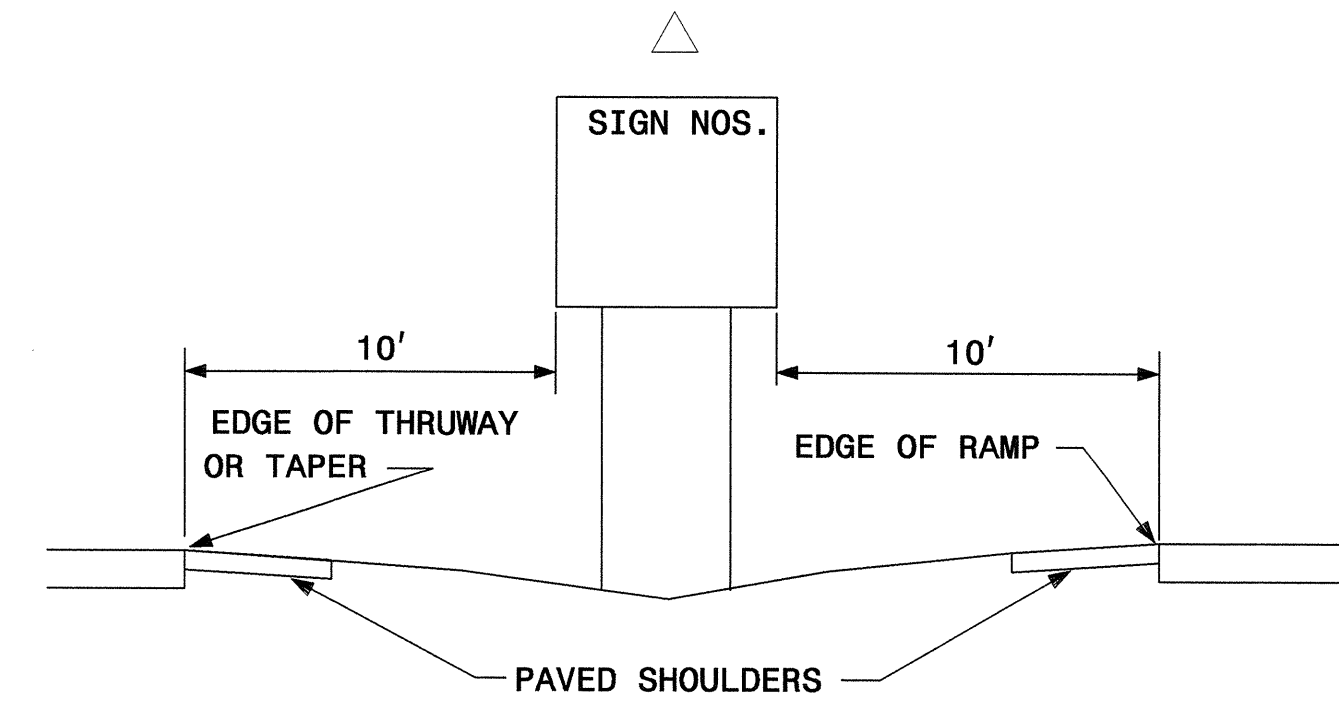
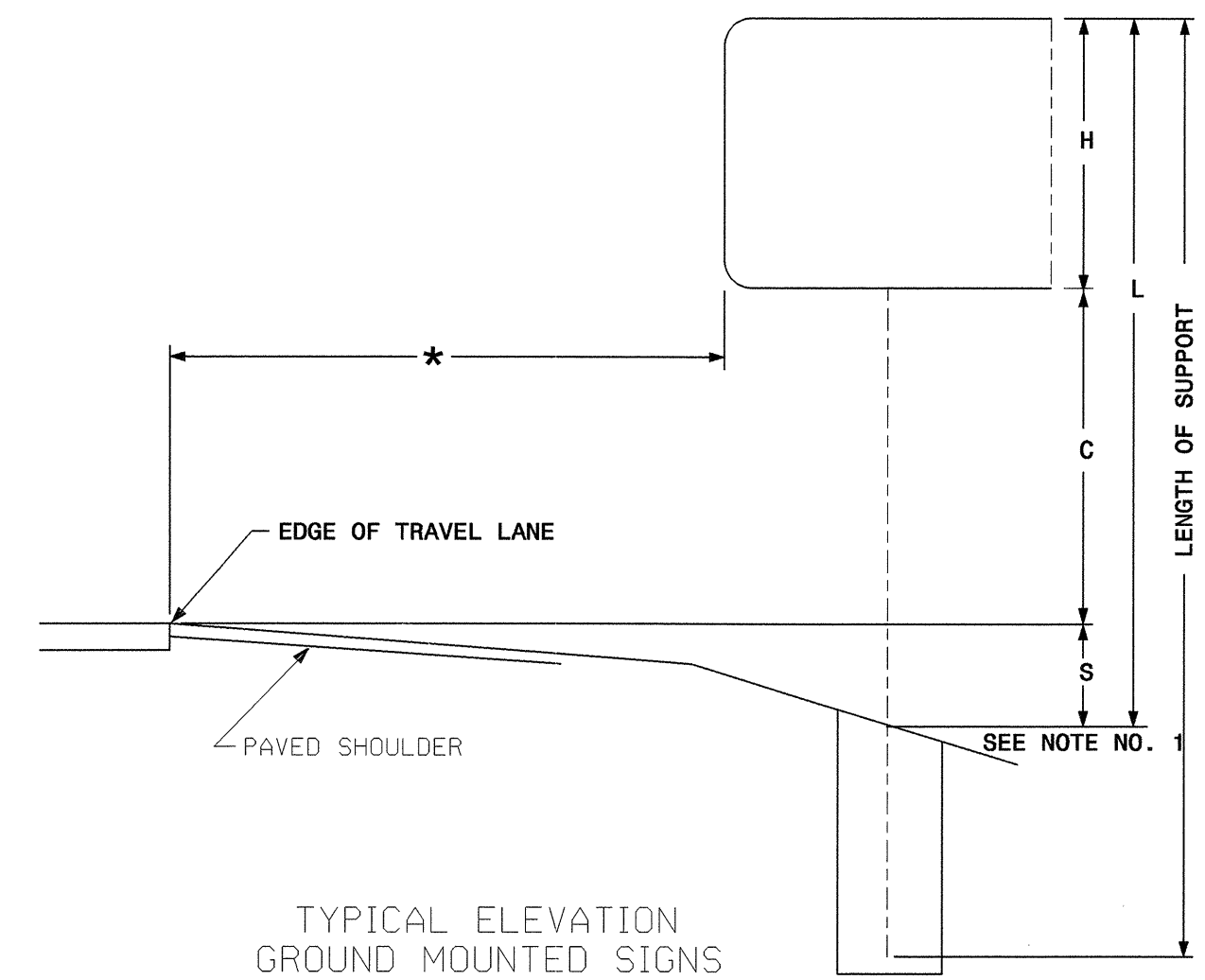


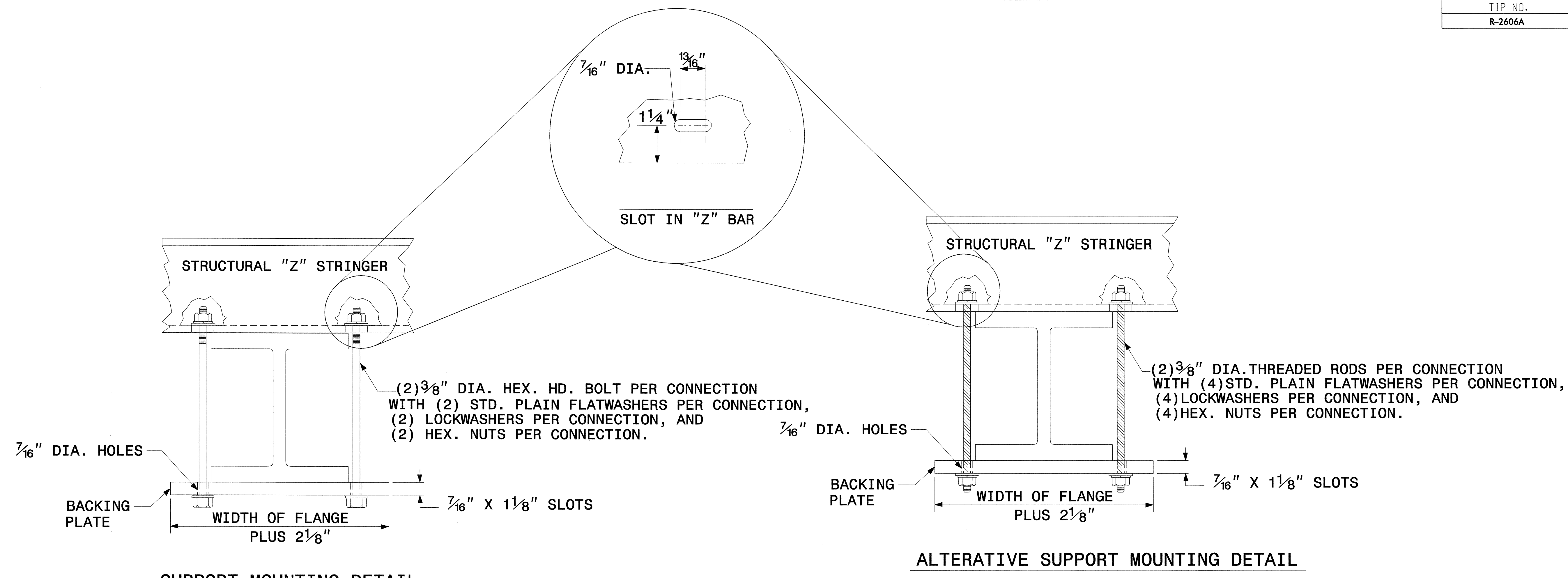
TYPE "A" AND TYPE "B" GROUND MOUNTED SIGNS

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

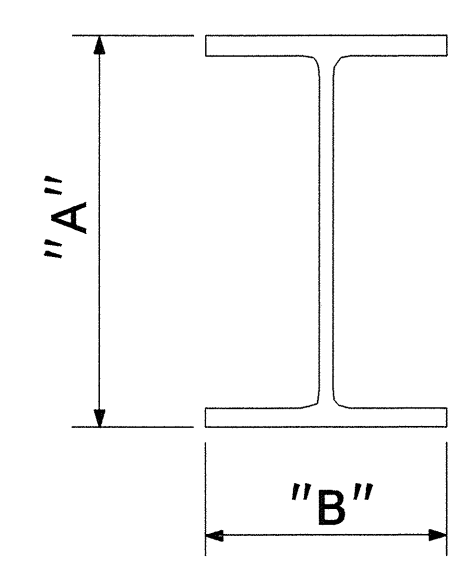
SIGN NO.	SIGN TYPE	SIGN SIZE (in.)			ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE	ATTACH METHOD	MOUNTING METHOD	HORIZ. CLR.* (ft.)	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			FOOTING DIAMETER (ft.)	FOOTING DEPTH (ft.)	B/A SUPPORT WEIGHTS (lbs.)	SIMPLE SUPPORT WEIGHTS (lbs.)	REINF. FTGS. (c.y.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)																						
		w	x	h								SNS HT	MTG HT	EMBED-MENT	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH	S	L	TOTAL LENGTH																												
101A	B	126	X	30	35+00	3	W6x16	BA	1-R	N/A	30.00	8.67	21.42	6.5	-7.14	22.95	29.45	-10.78	19.31	25.81	-14.42	15.67	22.17	1.5	7	1381.06	0.00	1.3744																							
101B	A	246	X	36																																															
101C	A	246	X	66																																															
102A	B	126	X	30	89+00	3	W6x16	BA	1-R	N/A	30.00	8.67	7.00	6.5	5.41	21.08	27.58	6.96	22.62	29.12	7.33	23.00	29.50	1.5	7	1521.49	0.00	1.3744																							
102B	A	246	X	36																																															
102C	A	246	X	66																																															
201	A	78	X	60	97+58	2	S3x5.7	BA	N/A	N/A	10.00	5.00	7.00	3.5	0.45	12.45	15.95	0.00	0.00	0.00	1.01	13.01	16.51	1	4	220.55	0.00	0.2327																							
																							TOTAL	3123.09	TOTAL	0.00	TOTAL	2.9816																							
																							USE:	3124	0	3																									





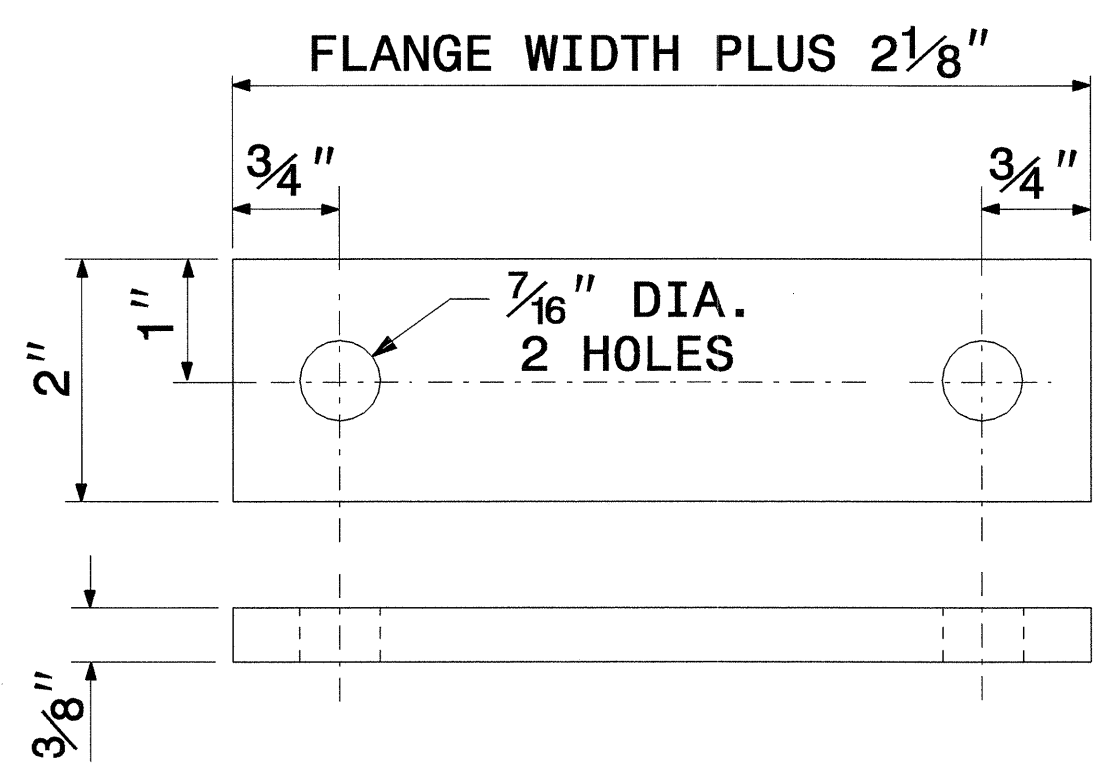
ALTERNATIVE SUPPORT MOUNTING DETAIL

SIGN SUPPORTS SECTION DIMENSIONS

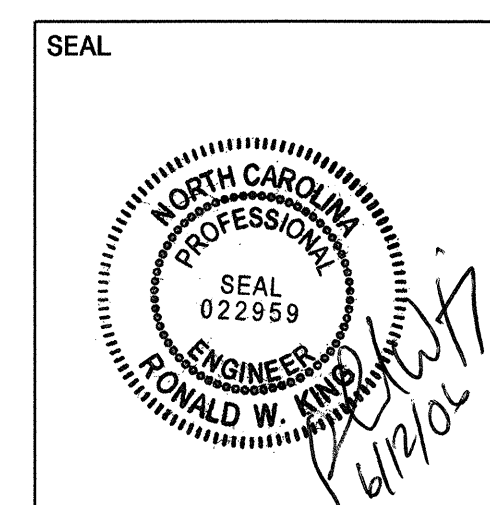


SECTION	A	B
S3 X 5.7	3"	2 3/8"
S4 X 7.7	4"	2 5/8"
W6 X 9	6"	4"
W6 X 12	6"	4"
W6 X 16	6 1/4"	4"
W8 X 18	8 1/8"	5 1/4"
W8 X 21	8 1/4"	5 1/4"
W10 X 22	10 1/8"	5 3/4"
W10 X 26	10 3/8"	5 3/4"
W12 X 26	12 1/4"	6 1/2"
W14 X 30	13 7/8"	6 3/4"
W16 X 31	15 7/8"	5 1/2"
W18 X 35	17 3/4"	6"
W18 X 40	17 7/8"	6"
W21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

BACKING PLATE DETAIL

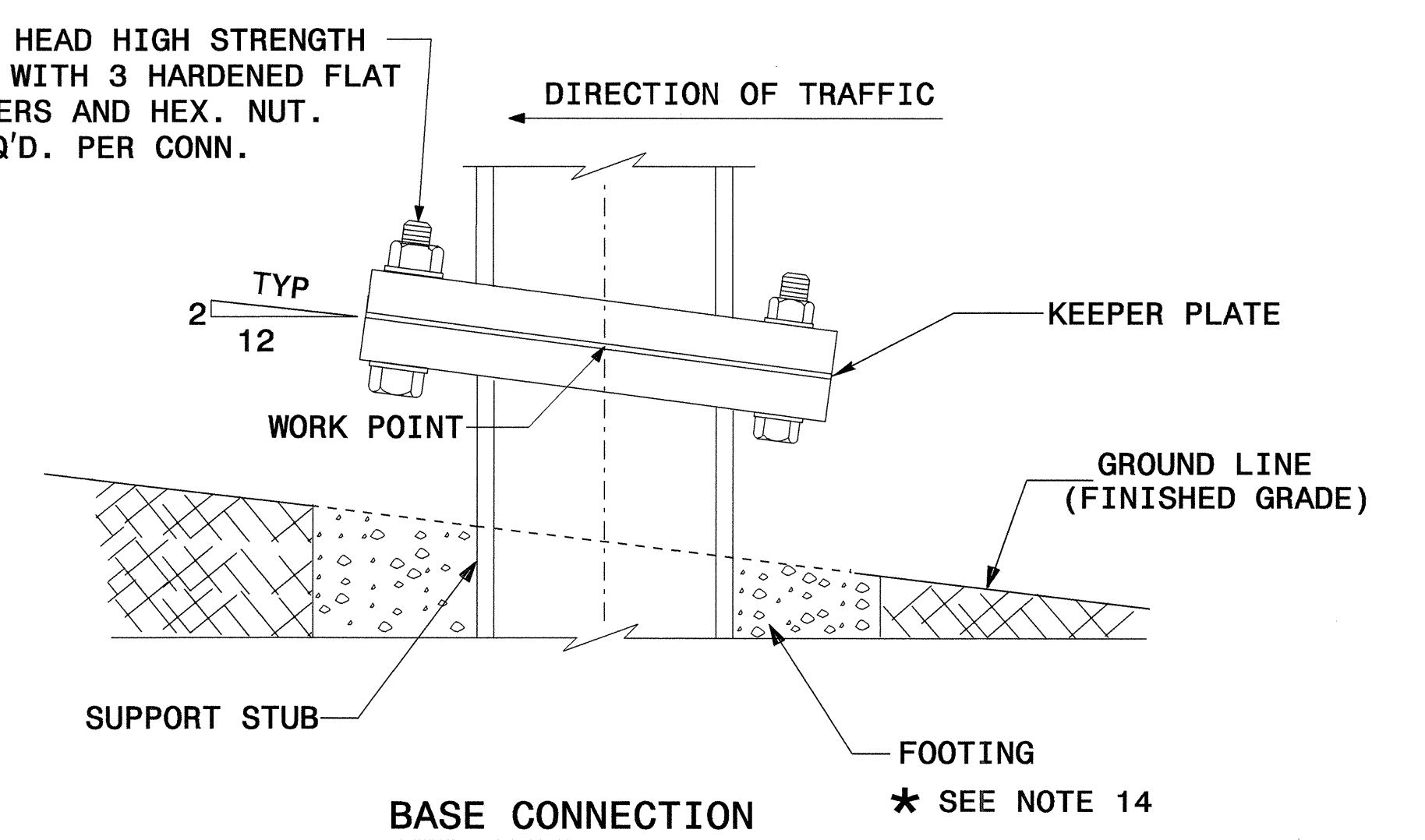
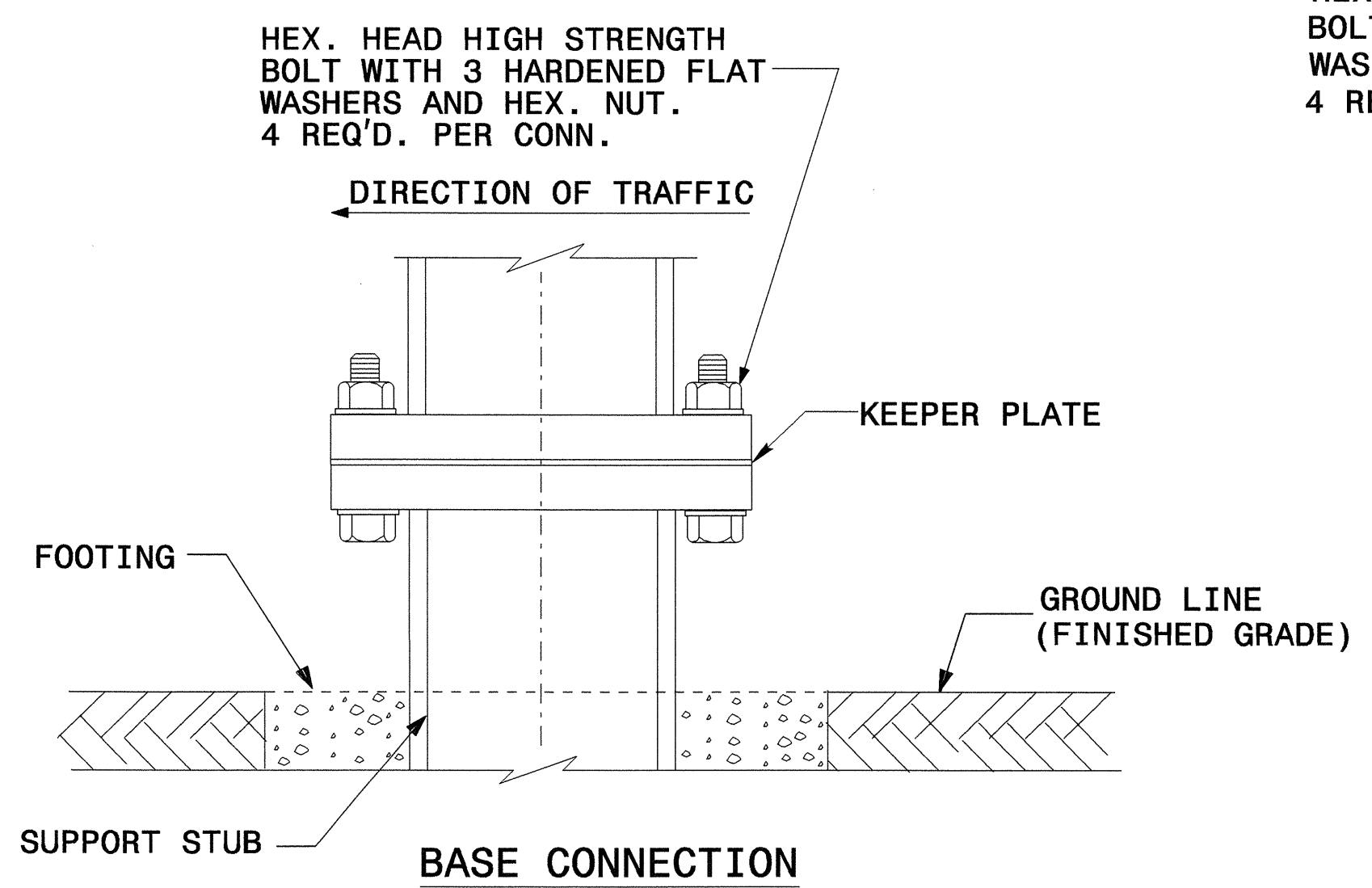
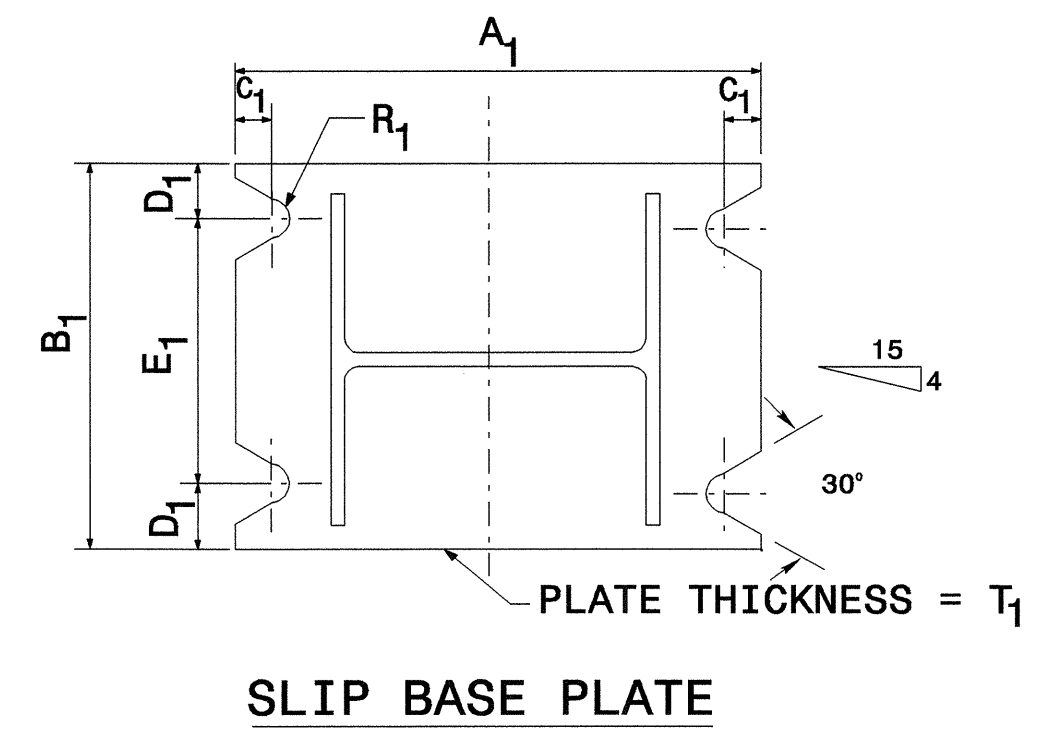
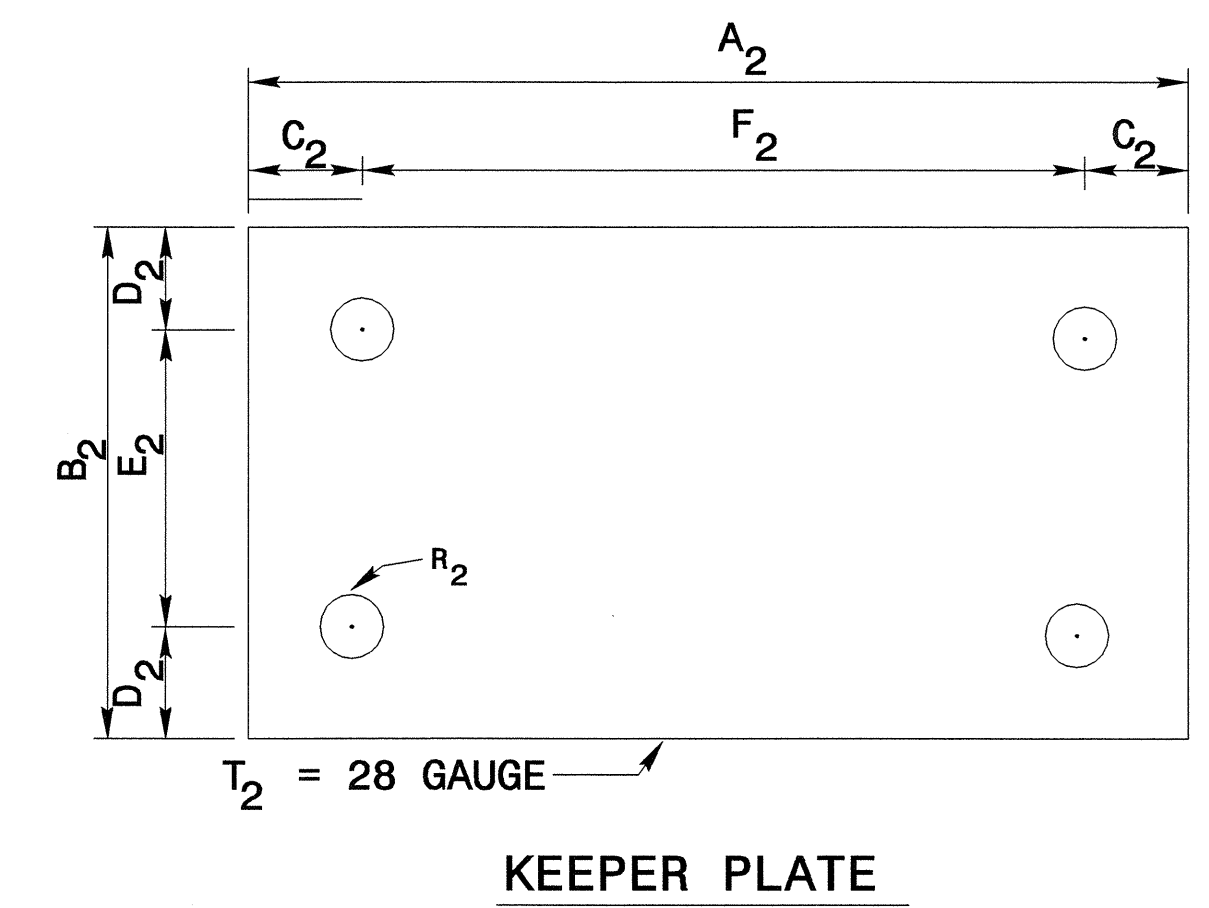
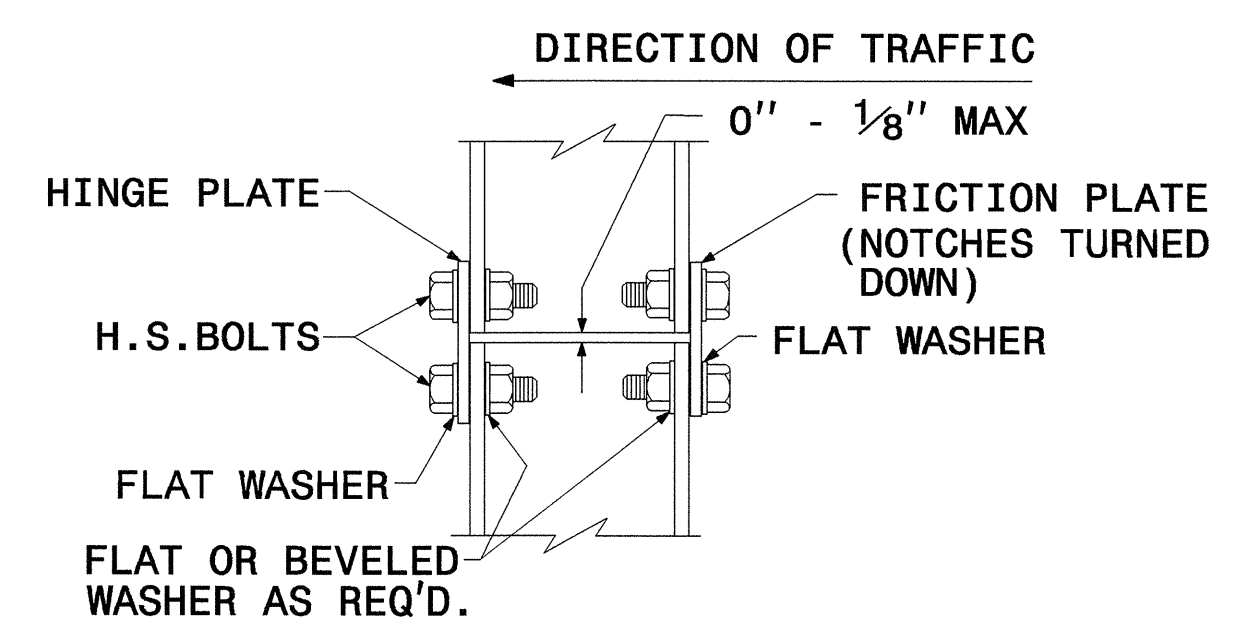
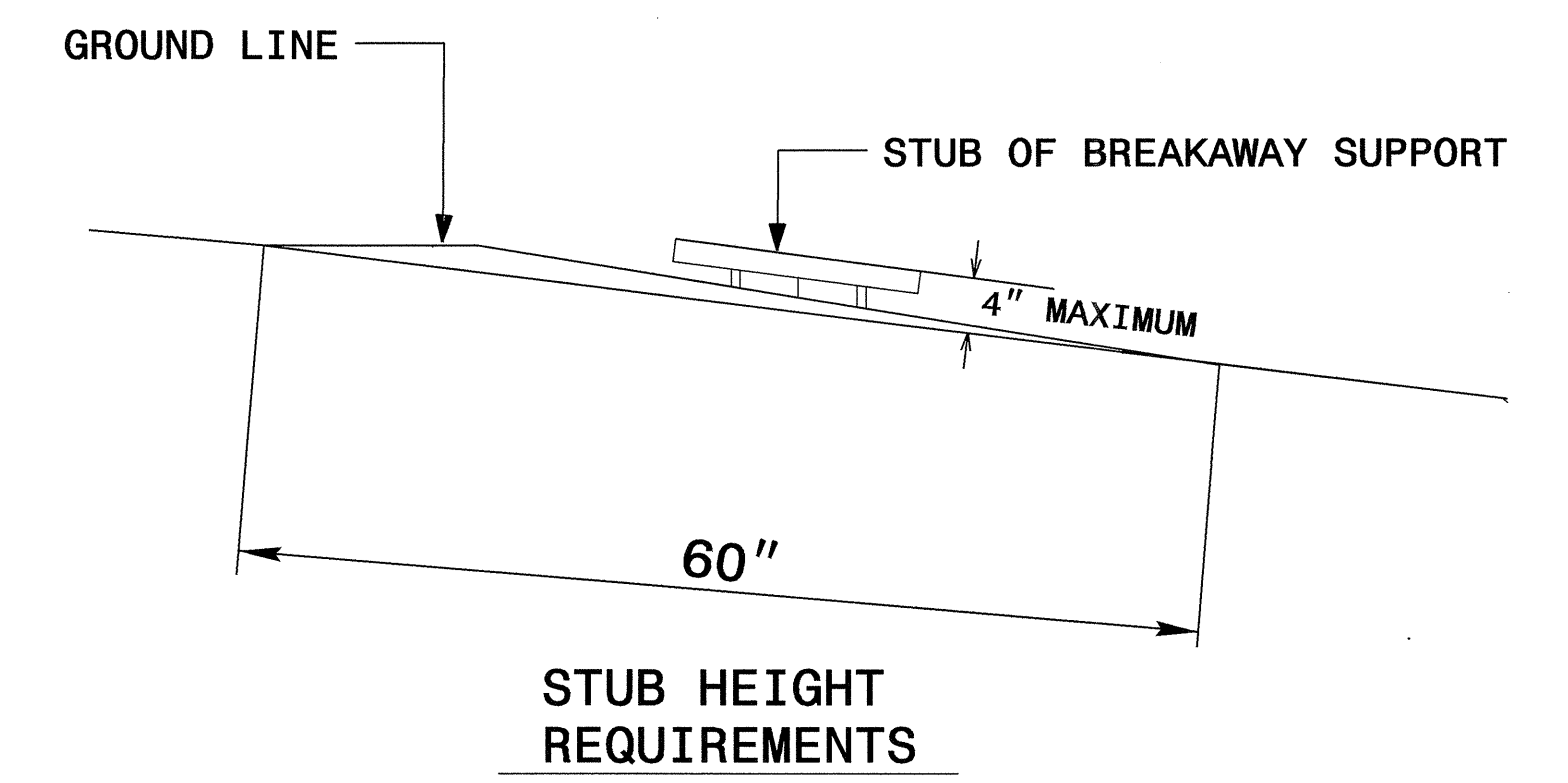
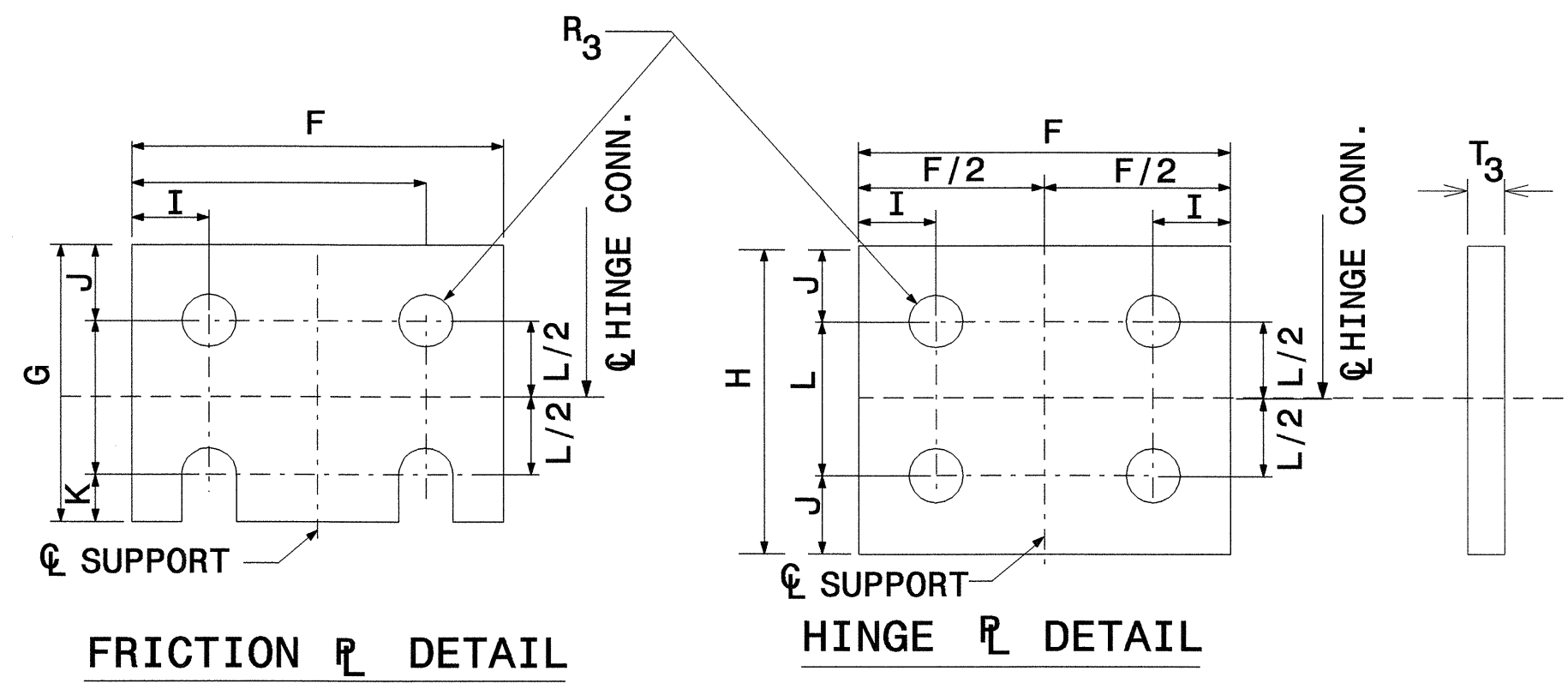
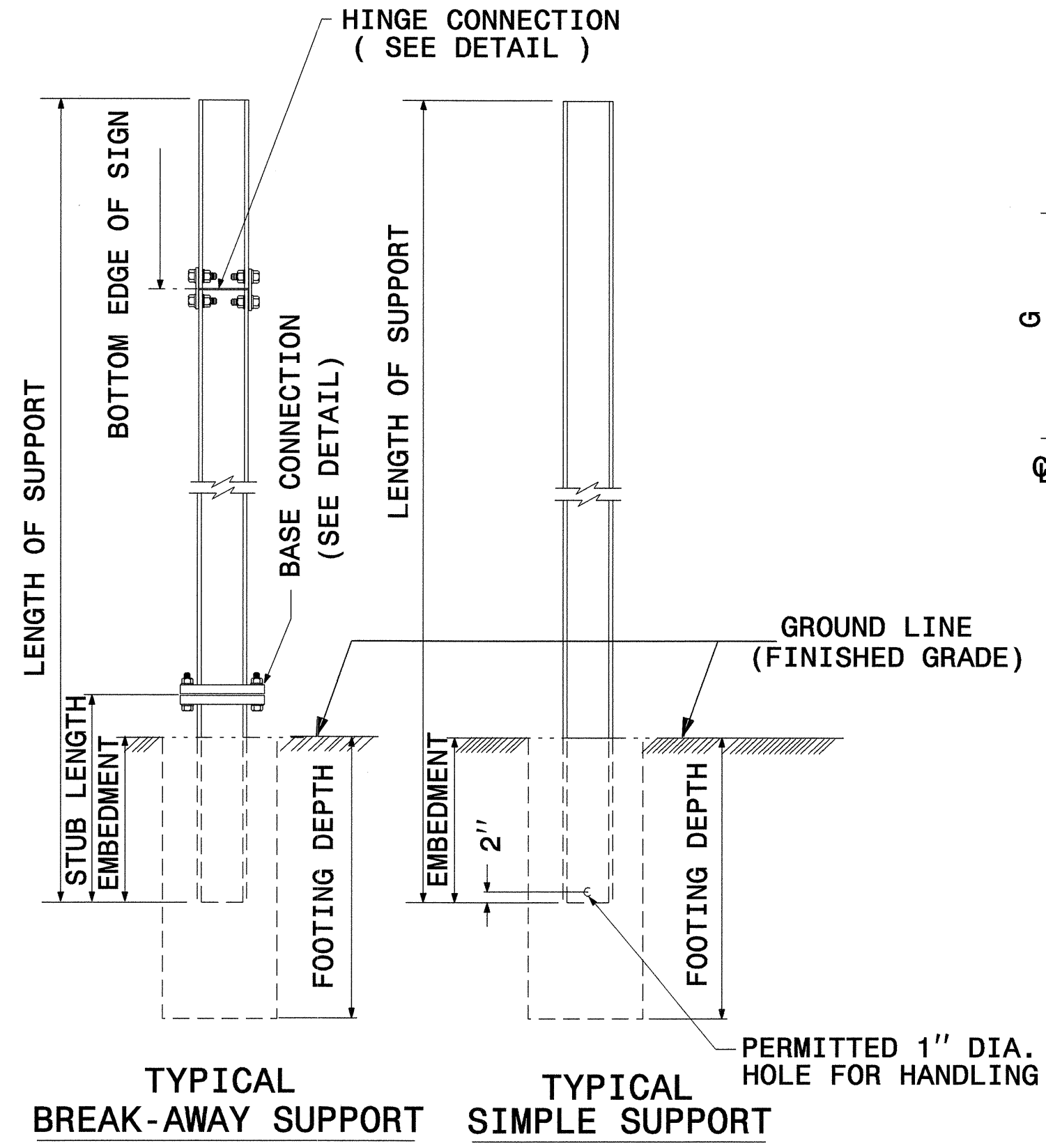


1. THE SUPPORT MOUNTING DETAIL SHOWS A "W" OR "S" BEAM. THIS DETAIL IS ALSO USED FOR MOUNTING SIGNS TO WOOD OR SQUARE TUBE SUPPORTS.
2. USE GALVANIZED STEEL FOR BACKING PLATES AND MOUNTING BOLTS IN ACCORDANCE WITH ASTM A123.
3. SEE NCDOT STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES FOR TYPE OF MATERIAL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

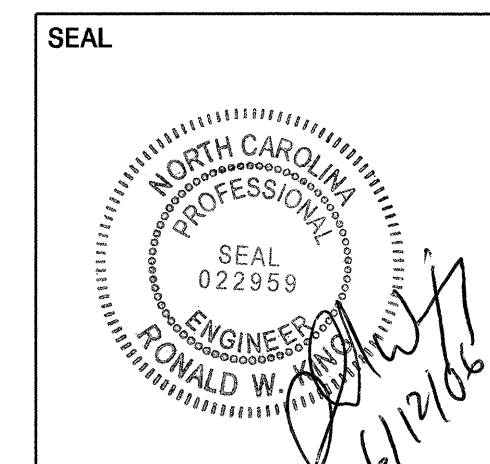


SIGN MOUNTING DETAILS

SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
DATE	5-06		
SIGNING DESIGN ENG	M. TRACEY		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		



SEE SHEET SIGN-7 FOR DIMENSIONS.
SEE SHEET SIGN-8 FOR NOTES.



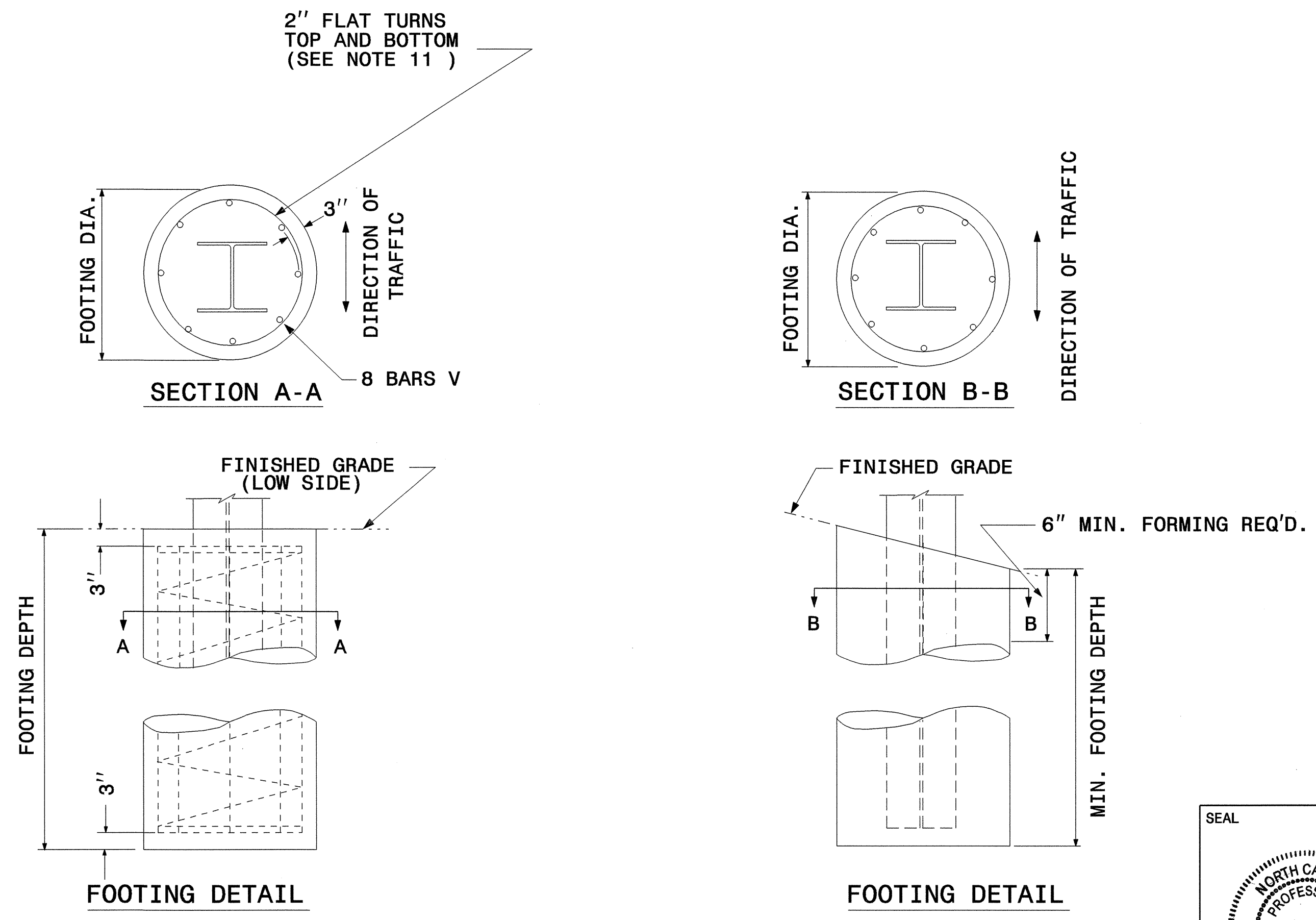
GROUND MOUNTED SIGN SUPPORT

SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
DATE	5-06		
SIGNING DESIGN ENG	M. TRACEY		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		

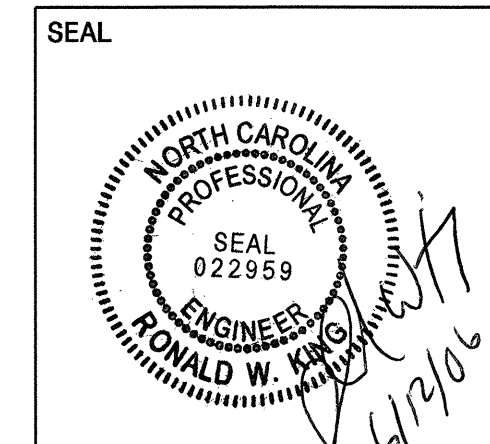
BEAM SHAPE	SLIP BASE PLATE DATA								KEEPER PLATE DATA							HINGE CONNECTION DATA								BREAK AWAY SUPPORT WEIGHT CONSTANT LBS.		
	BOLT SIZE	A ₁	B ₁	C ₁	D ₁	E ₁	T ₁	R ₁	A ₂	B ₂	C ₂	D ₂	E ₂	R ₂	T ₂	BOLT SIZE	F	G	H	I	J	K	L		R ₃	T ₃
S3X5.7	1/2"DIA.X3 1/2"	7"	4"	1"	3/4"	2 1/2"	1"	9/32"	7"	4"	1"	3/4"	2 1/2"	9/16"	28 GAUGE	1/2"DIA.X1 1/4"	2 1/4"	3 1/2"	4"	1 1/2"	1"	1 1/2"	2"	9/16"	3/8"	18
S4X7.7	1/2"DIA.X3 1/2"	8"	4"	1"	3/4"	2 1/2"	1"	9/32"	8"	4"	1"	3/4"	2 1/2"	9/16"	28 GAUGE	1/2"DIA.X1 1/4"	2 5/8"	3 1/2"	4"	1 1/2"	1"	1 1/2"	2"	9/16"	3/8"	20
W6X9	1/2"DIA.X3 1/2"	10"	5"	1"	3/4"	3 1/2"	1"	9/32"	10"	5"	1"	3/4"	3 1/2"	9/16"	28 GAUGE	1/2"DIA.X1 1/4"	4"	3 1/2"	4"	3/4"	1"	1 1/2"	2"	9/16"	3/8"	32
W6X12	3/4"DIA.X4 1/4"	10"	5"	1 1/4"	7/8"	3 1/4"	1 1/4"	11/32"	10"	5"	1 1/4"	7/8"	3 1/4"	1/16"	28 GAUGE	3/4"DIA.X2 1/4"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	1/16"	3/8"	39
W6X16	3/4"DIA.X4 1/4"	10"	6"	1 1/4"	7/8"	4 1/4"	1 1/4"	11/32"	10"	6"	1 1/4"	7/8"	4 1/4"	1/16"	28 GAUGE	3/4"DIA.X2 1/2"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	1/16"	1/2"	47
W8X18	3/4"DIA.X4 3/4"	12 1/2"	6"	1 1/4"	7/8"	4 1/4"	1 1/2"	11/32"	12 1/2"	6"	1 1/4"	7/8"	4 1/4"	1/16"	28 GAUGE	3/4"DIA.X2 1/2"	5 1/4"	4"	4 1/2"	1"	1 1/8"	5/8"	2 1/4"	1/16"	1/2"	70
W8X21	3/4"DIA.X4 3/4"	12 1/2"	6"	1 1/2"	1"	4"	1 1/2"	13/32"	12 1/2"	6"	1 1/2"	1"	4"	1/16"	28 GAUGE	3/4"DIA.X2 3/4"	5 1/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1/16"	1/2"	73
W10X22	3/4"DIA.X4 3/4"	16"	8"	1 1/2"	1"	6"	1 1/2"	13/32"	16"	8"	1 1/2"	1"	6"	1/16"	28 GAUGE	3/4"DIA.X2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1/16"	1/2"	119
W10X26	3/4"DIA.X5 1/4"	16"	8"	1 1/2"	1"	6"	1 3/4"	13/32"	16"	8"	1 1/2"	1"	6"	1/16"	28 GAUGE	3/4"DIA.X2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1/16"	5/8"	140
W12X26	3/4"DIA.X5 1/4"	18"	9"	1 1/2"	1"	7"	1 3/4"	13/32"	18"	9"	1 1/2"	1"	7"	1/16"	28 GAUGE	3/4"DIA.X2 3/4"	6 1/2"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	1/16"	5/8"	176
W14X30	1"DIA.X5 1/2"	18"	9"	2"	1 1/2"	6"	1 3/4"	17/32"	18"	9"	2"	1 1/2"	6"	1/16"	28 GAUGE	1"DIA.X3"	6 3/4"	7"	8"	1 1/4"	2"	1"	4"	1/16"	5/8"	178
W16X31	1"DIA.X5 1/2"	21"	9"	2"	1 1/2"	6"	1 3/4"	17/32"	21"	9"	2"	1 1/2"	6"	1/16"	28 GAUGE	1"DIA.X3 1/4"	5 1/2"	7"	8"	1 1/4"	2"	1"	4"	1/16"	3/4"	205
W18X35	1"DIA.X5 1/2"	22"	9"	2"	1 1/2"	6"	1 3/4"	17/32"	22"	9"	2"	1 1/2"	6"	1/16"	28 GAUGE	1"DIA.X3 1/4"	6"	7"	8"	1 1/4"	2"	1"	4"	1/16"	3/4"	216
W18X40	1"DIA.X6 1/4"	23"	9"	2"	1 1/2"	6"	2"	17/32"	23"	9"	2"	1 1/2"	6"	1/16"	28 GAUGE	1"DIA.X3 3/4"	6"	7"	8"	1 1/4"	2"	1"	4"	1/16"	7/8"	257
W21X44	1"DIA.X6 1/4"	25"	9"	2"	1 1/2"	6"	2"	17/32"	25"	9"	2"	1 1/2"	6"	1/16"	28 GAUGE	1"DIA.X3 3/4"	6 1/2"	7"	8"	1 1/4"	2"	1"	4"	1/16"	7/8"	279

FOUNDATION DATA *		
FOOTING DIAMETER	REINFORCEMENT	SPIRAL BAR
1'	8 # 4 BARS	#3 BAR, 3" PITCH
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-8 FOR NOTES.



GROUND MOUNTED SIGN SUPPORT

SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
DATE	5-06		
SIGNING DESIGN ENG	M. TRACEY		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		


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:

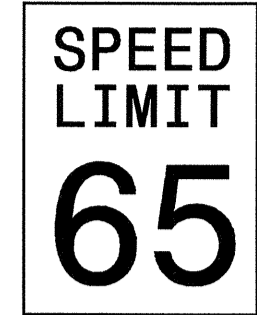
BOLT DIAMETER	TORQUE (LB. FT.)
1/2"	9
5/8"	22
3/8"	37
1"	48

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		
	SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION
	DATE	5-06	
	SIGNING DESIGN ENG	M. TRACEY	DIVISION OF HIGHWAYS
SIGNING PROJECT DGN ENG	K. JORDAN	TRAFFIC ENGINEERING	
SIGNING PROJECT ENG	A. ALQUDWAH	BRANCH	

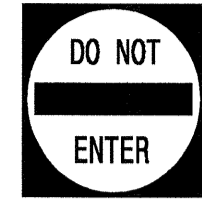
401 QUANTITY REQ'D 1



48" X 60"
R2-1

TWO "U" POSTS PER SIGN

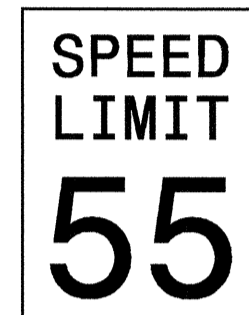
411 QUANTITY REQ'D 2



30" X 30"
R5-1

ONE "U" POST PER SIGN

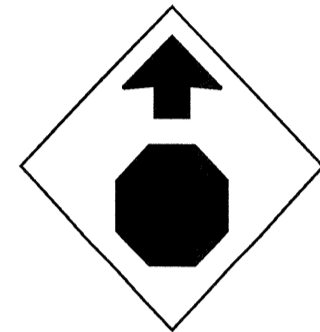
402 QUANTITY REQ'D 2



48" X 60"
R2-1

TWO "U" POSTS PER SIGN

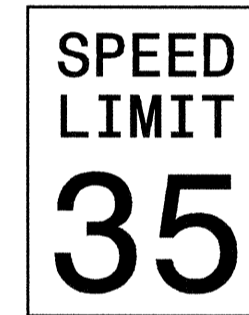
439 QUANTITY REQ'D 1



36" X 36"
W3-1a

ONE "U" POST PER SIGN

403 QUANTITY REQ'D 8



24" X 30"
R2-1

ONE "U" POST PER SIGN

443 QUANTITY REQ'D 1



36" X 36"
W1-2L

ONE "U" POST PER SIGN

409 QUANTITY REQ'D 8



36" X 36"
R1-1

ONE "U" POST PER SIGN

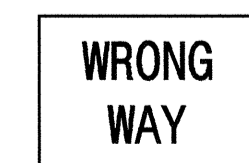
458 QUANTITY REQ'D 1



30" X 30"
W14-2

ONE "U" POST PER SIGN

410 QUANTITY REQ'D 2



36" X 24"
R5-1a

ONE "U" POST PER SIGN

463 QUANTITY REQ'D 2



48" X 60"
R2-5a

ONE "U" POST PER SIGN



TYPE "E" SIGNS

501

2 - 24" X 12"
2 - 36" X 36"
1 - 45" X 36"

TWO "U" POSTS

506

1 - 24" X 12"
1 - 24" X 24"
1 - 30" X 24"
1 - 21" X 15"

TWO "U" POSTS

511

1 - 24" X 12"
1 - 24" X 12"
1 - 24" X 24"
1 - 21" X 15"
2 - 24" X 12"
2 - 30" X 24"
2 - 21" X 15"

TWO "U" POSTS

516

1 - 24" X 12"
1 - 24" X 12"
1 - 30" X 24"
1 - 21" X 15"

ONE "U" POST

502

1 - 24" X 12"
1 - 36" X 36"

ONE "U" POST

507

2 - 24" X 12"
1 - 36" X 36"
1 - 45" X 36"

TWO "U" POSTS

512

1 - 24" X 12"
1 - 30" X 24"

ONE "U" POST

QUANTITY REQ'D 1

12" X 32"

ONE "U" POST

QUANTITY REQ'D 1

12" X 32"

ONE "U" POST

503

2 - 24" X 12"
1 - 24" X 24"
1 - 30" X 24"
2 - 21" X 15"

TWO "U" POSTS

508

1 - 24" X 12"
1 - 24" X 24"
1 - 21" X 15"

MOUNTED BELOW SIGN 301

513

1 - 24" X 12"
1 - 24" X 24"

ONE "U" POST

QUANTITY REQ'D 1

12" X 32"

ONE "U" POST

504

2 - 24" X 12"
1 - 24" X 24"
1 - 30" X 24"
2 - 21" X 15"

TWO "U" POSTS

509

1 - 24" X 12"
1 - 30" X 24"
1 - 21" X 15"
2 - 24" X 12"
2 - 24" X 12"
1 - 30" X 24"
1 - 24" X 24"
2 - 21" X 15"

TWO "U" POSTS

514

2 - 24" X 12"
1 - 24" X 24"
1 - 30" X 24"

TWO "U" POSTS

QUANTITY REQ'D 1

12" X 32"

ONE "U" POST

505

2 - 24" X 12"
1 - 24" X 24"
1 - 30" X 24"
2 - 21" X 15"

TWO "U" POSTS

510

1 - 24" X 12"
2 - 24" X 12"
2 - 30" X 24"
2 - 21" X 15"

MOUNTED BELOW SIGN 303

515

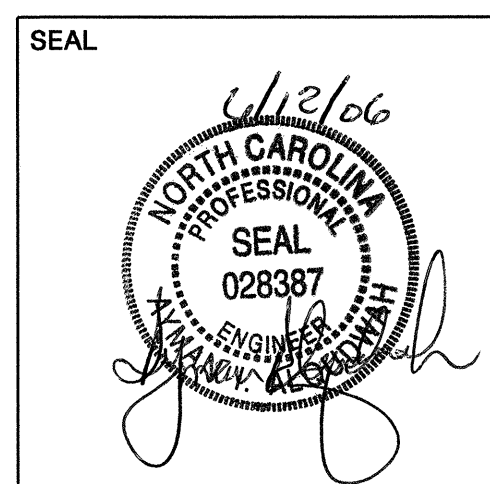
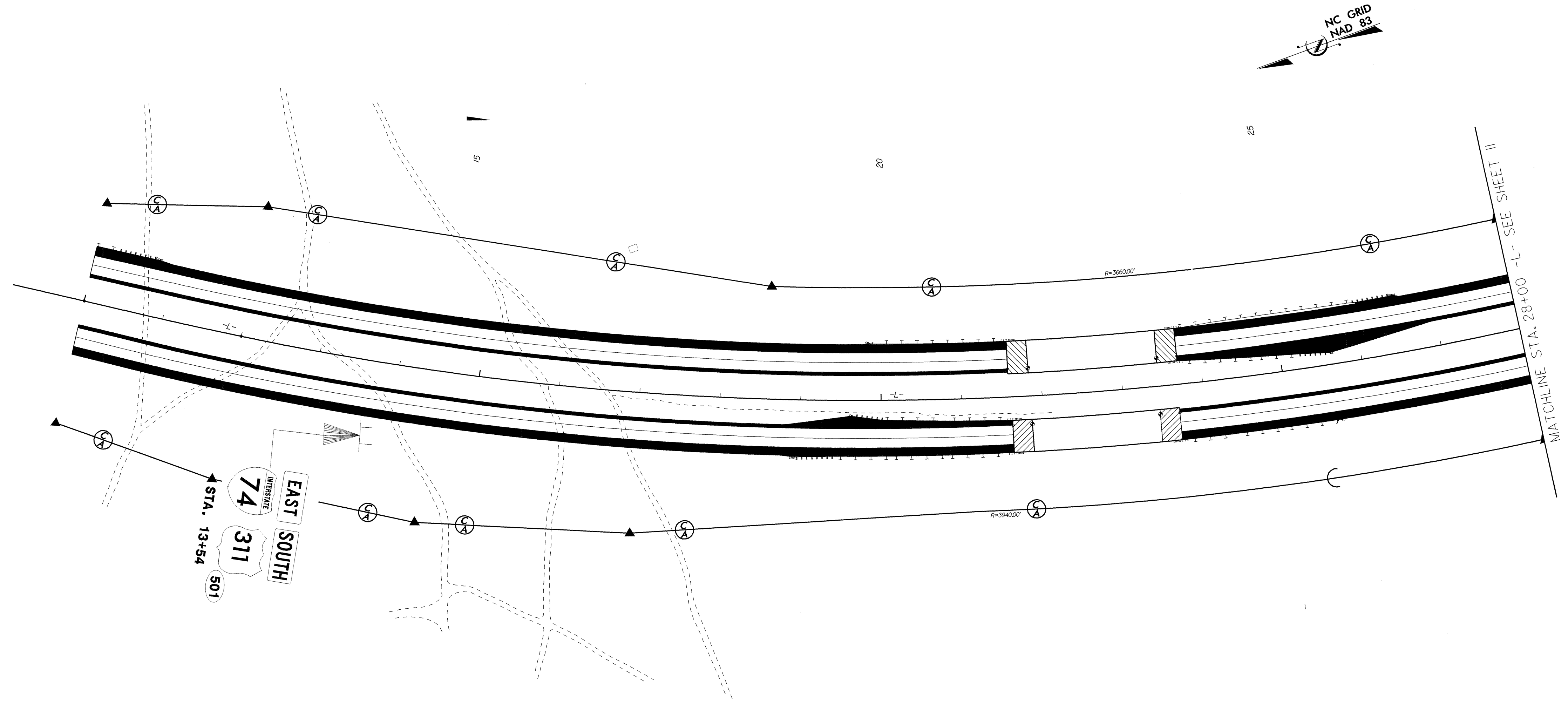
1 - 24" X 12"
1 - 30" X 24"

ONE "U" POST

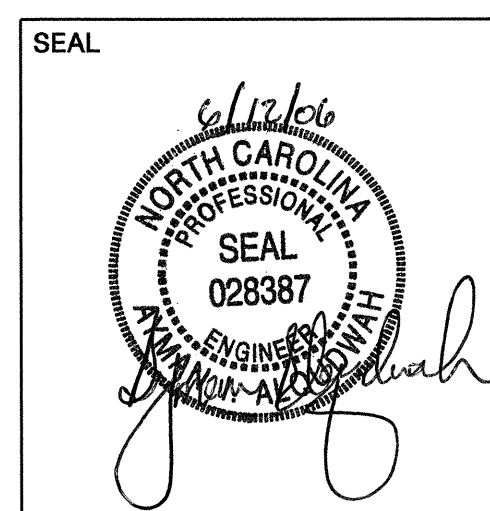
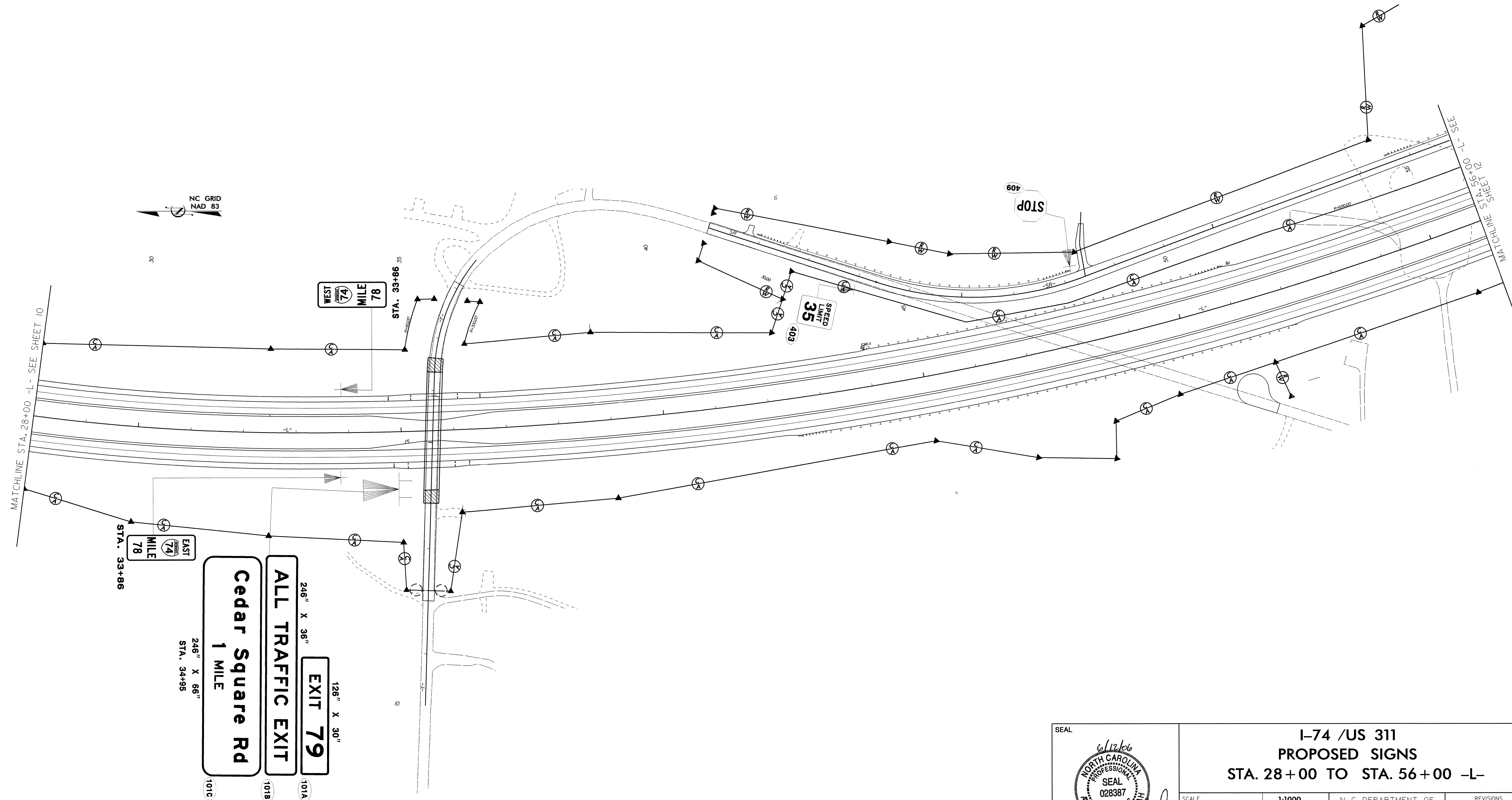
SEAL

TYPE "F" SIGNS & MILEMARKERS

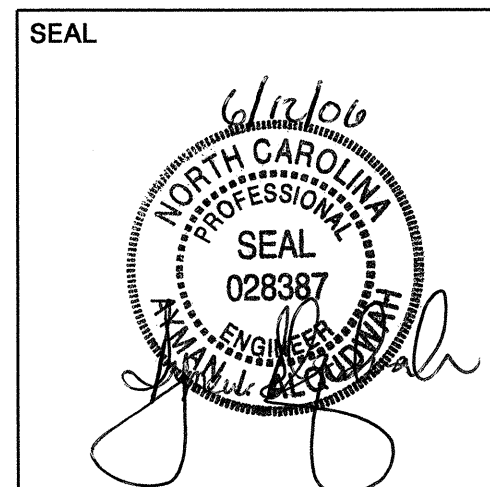
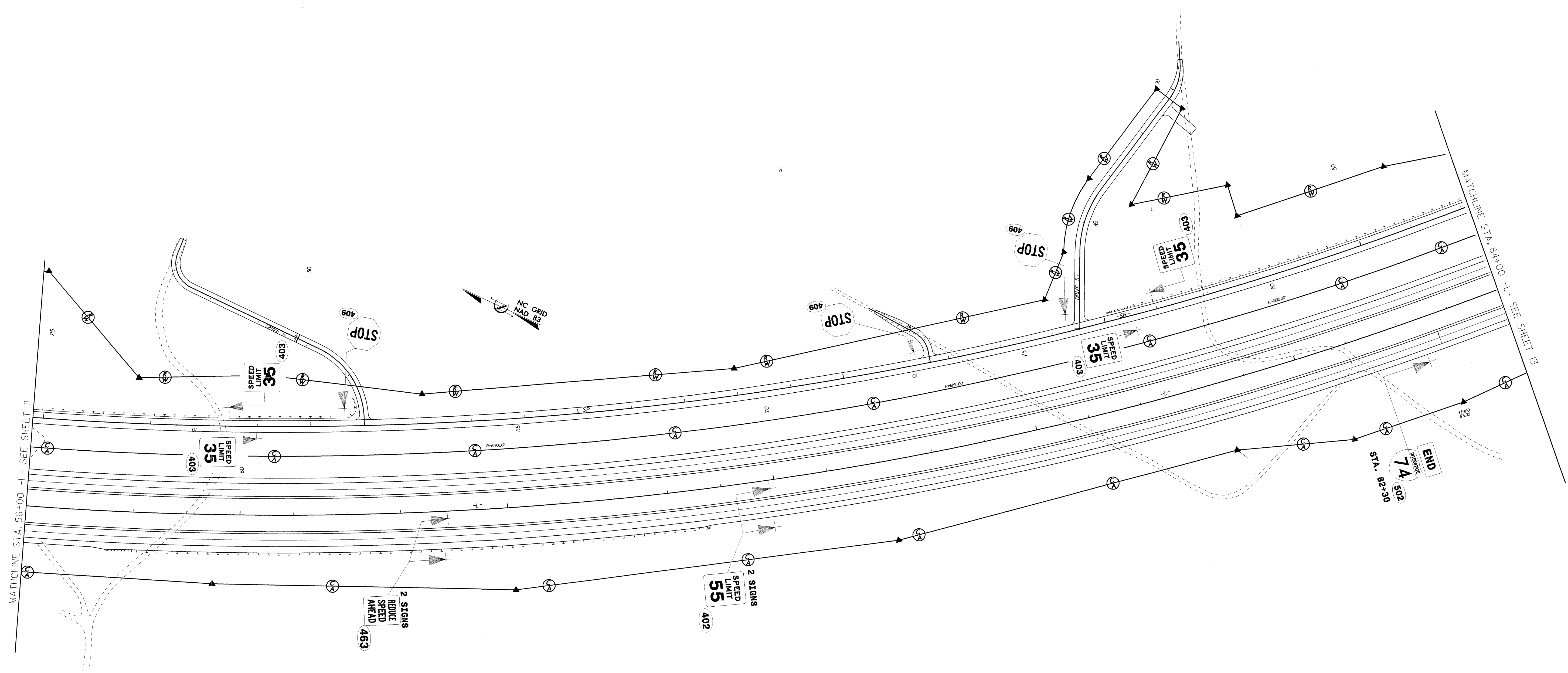
TIP NO. R-2606A	SHEET NO. SIGN-10



I-74 /US 311 PROPOSED SIGNS STA. 10+00 to STA. 28+00 -L-			
SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
DATE	FEB 2006		
SIGNING DESIGN ENG	M. TRACEY		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		



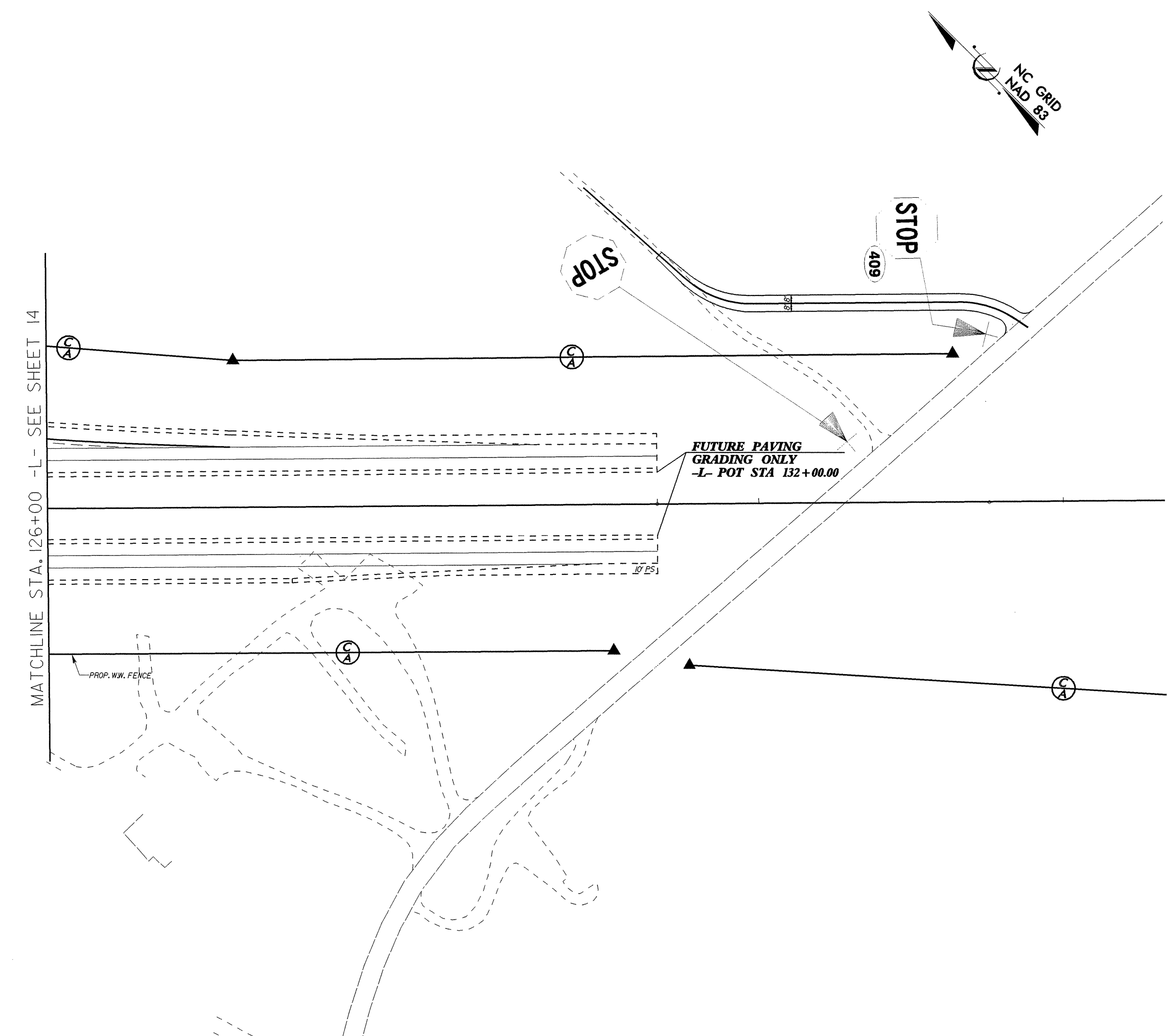
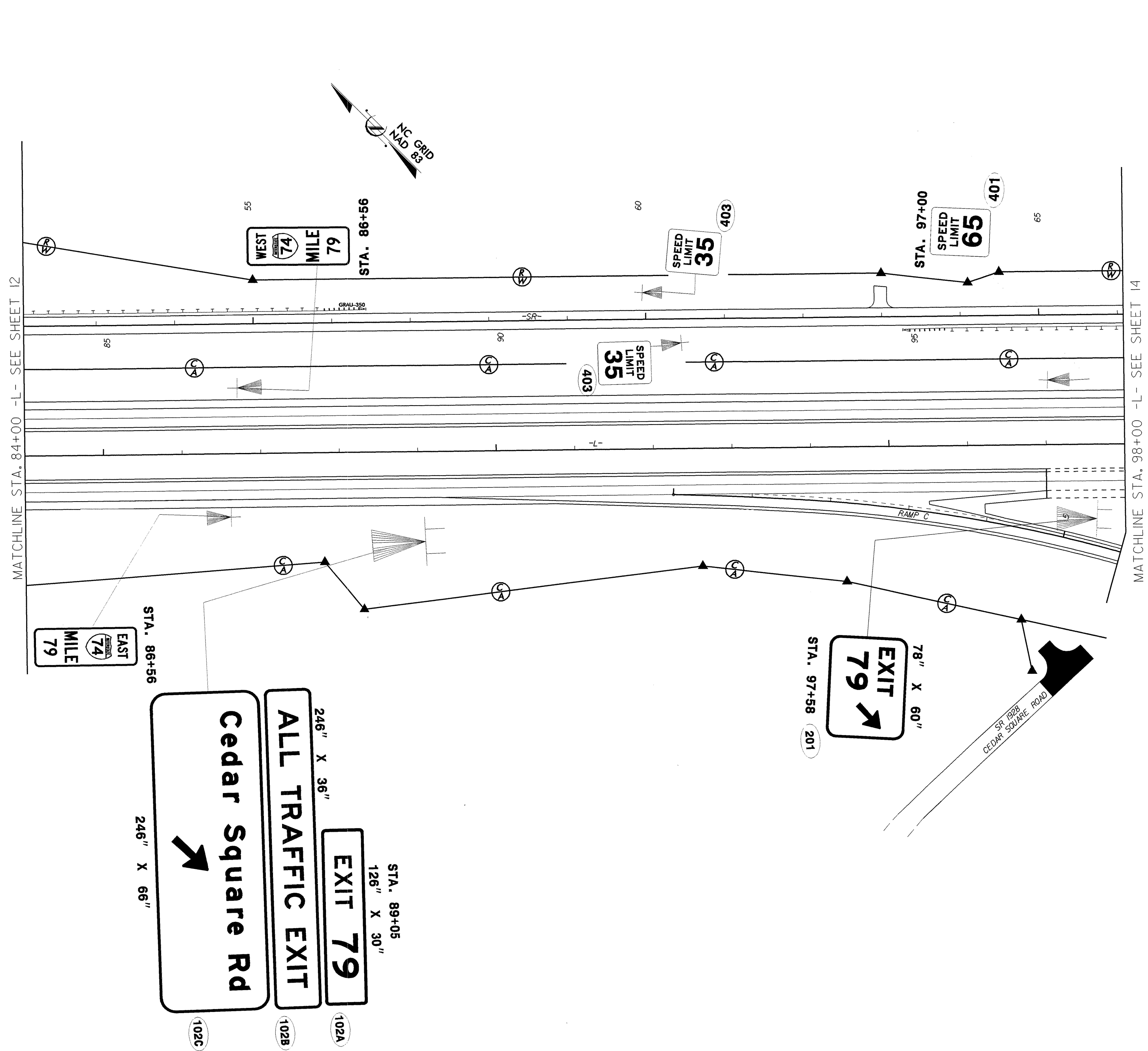
I-74 /US 311 PROPOSED SIGNS STA. 28+00 TO STA. 56+00 -L-			
SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
DATE	FEB 2006		
SIGNING DESIGN ENG	M. TRACEY		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		



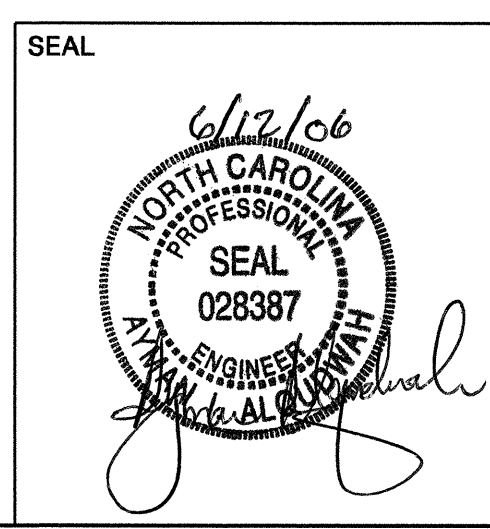
**I-74 /US 311
PROPOSED SIGNS
STA. 56+00 TO STA. 84+00 -L-**

SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
DATE	FEB 2006		
SIGNING DESIGN ENG	M. TRACEY		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		

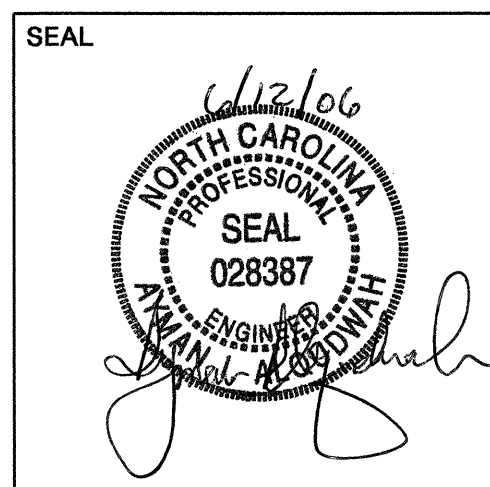
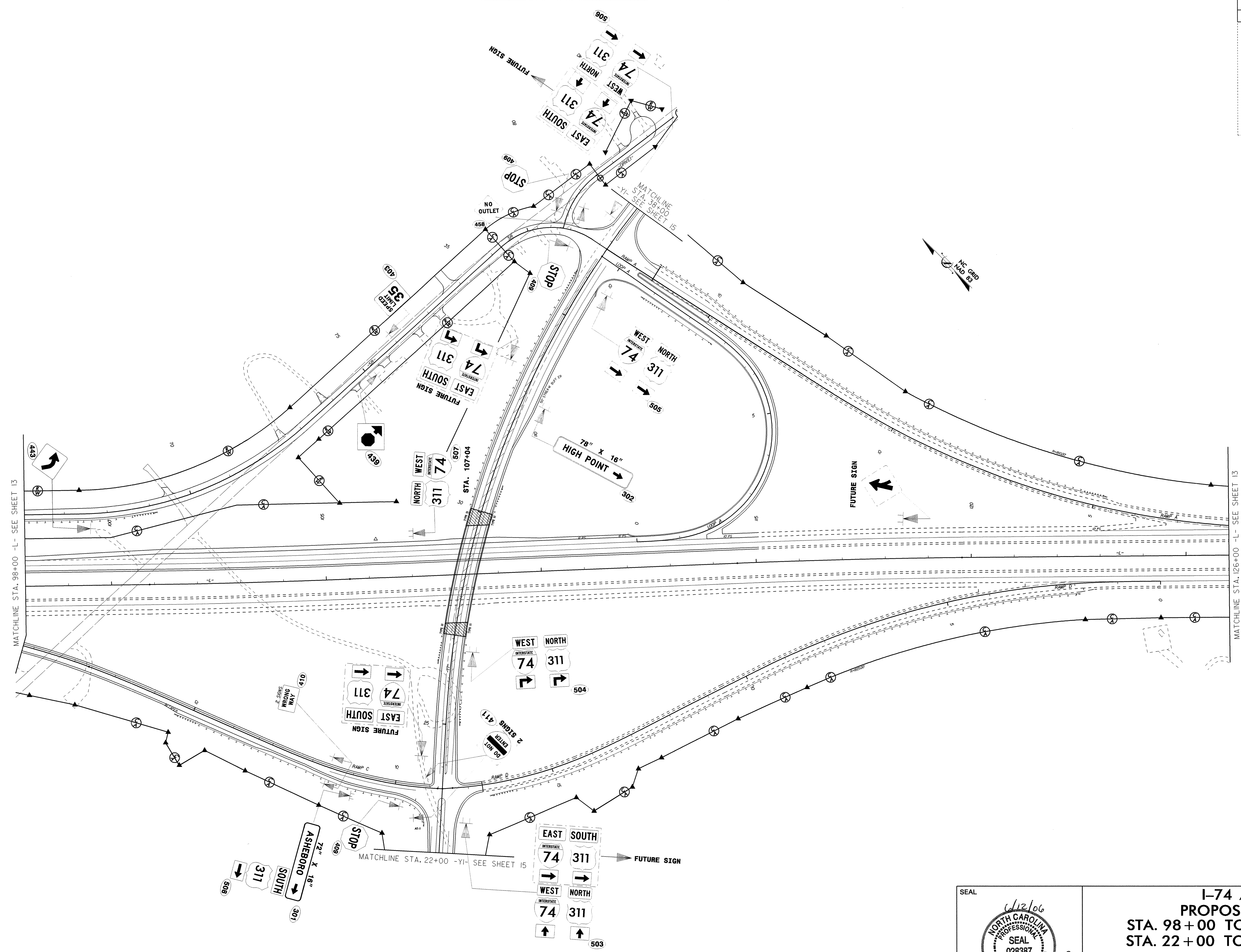
#FILE# 2/24/06



FOR RAMP A PROFILE SEE SHEET 21
FOR DRIVE T PROFILE SEE SHEET 30

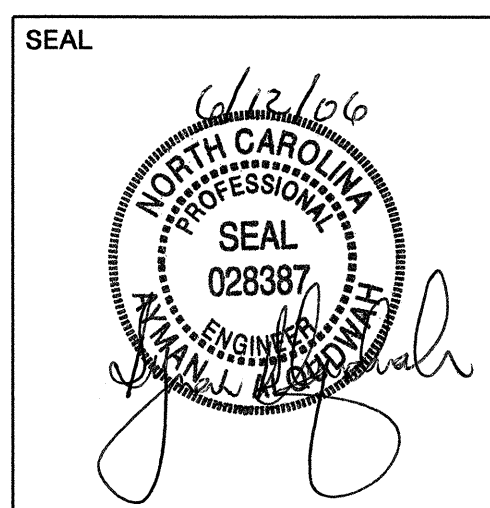
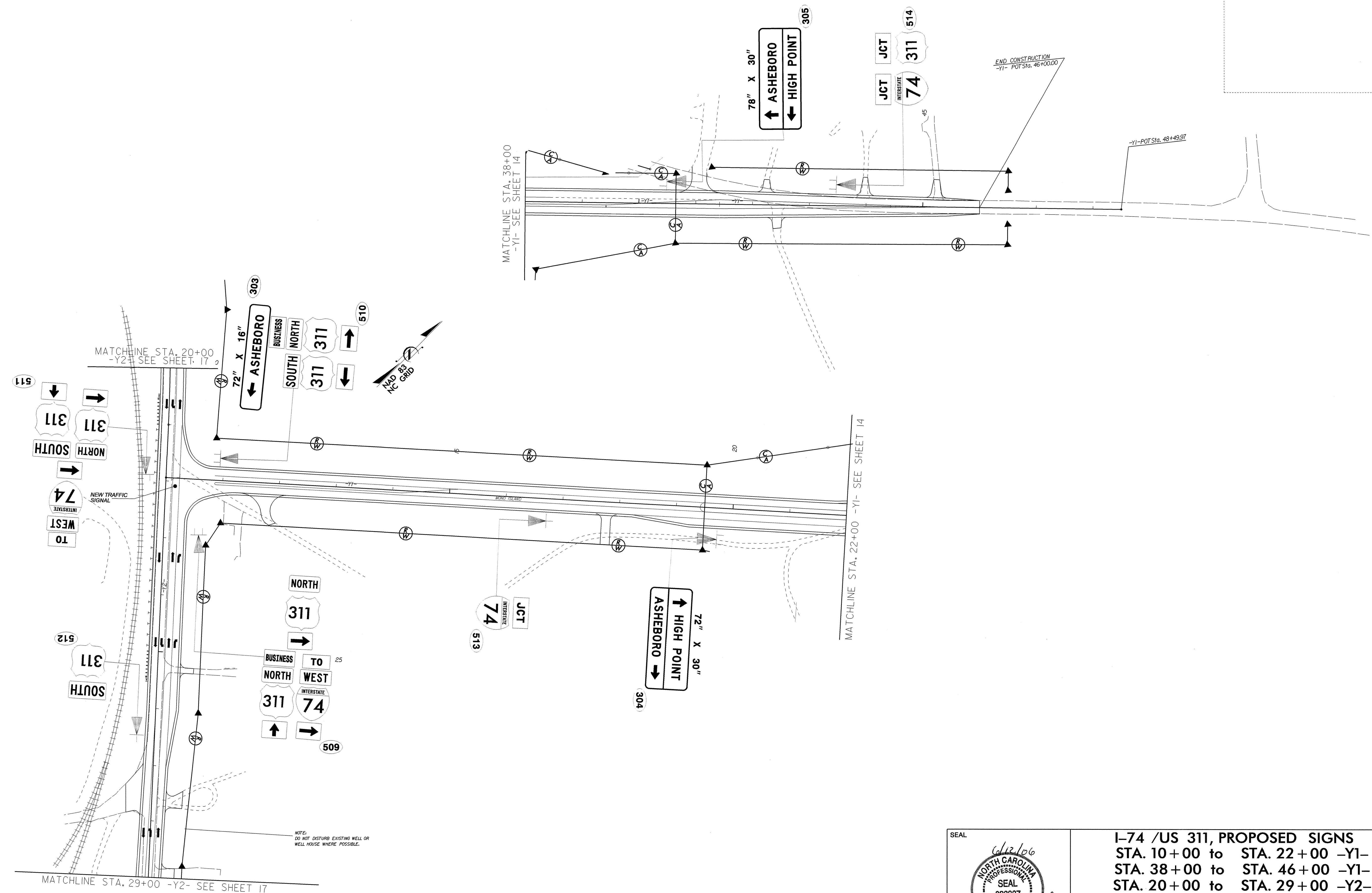


I-74 /US 311 PROPOSED SIGNS			
STA. 84+00 to STA. 98+00 -L-		STA. 126+00 to STA. 132+00 -L-	
SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
DATE	FEB 2006		
SIGNING DESIGN ENG	M. TRACEY		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		

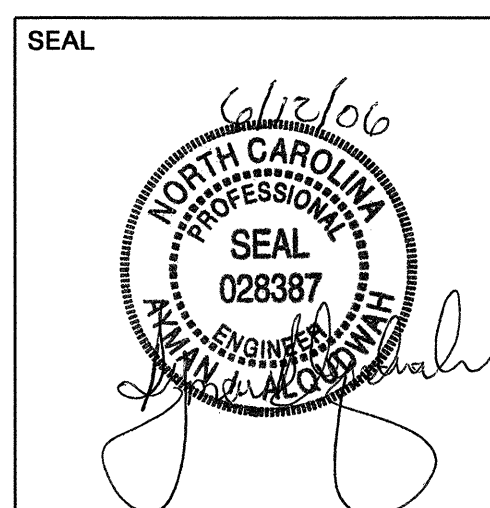
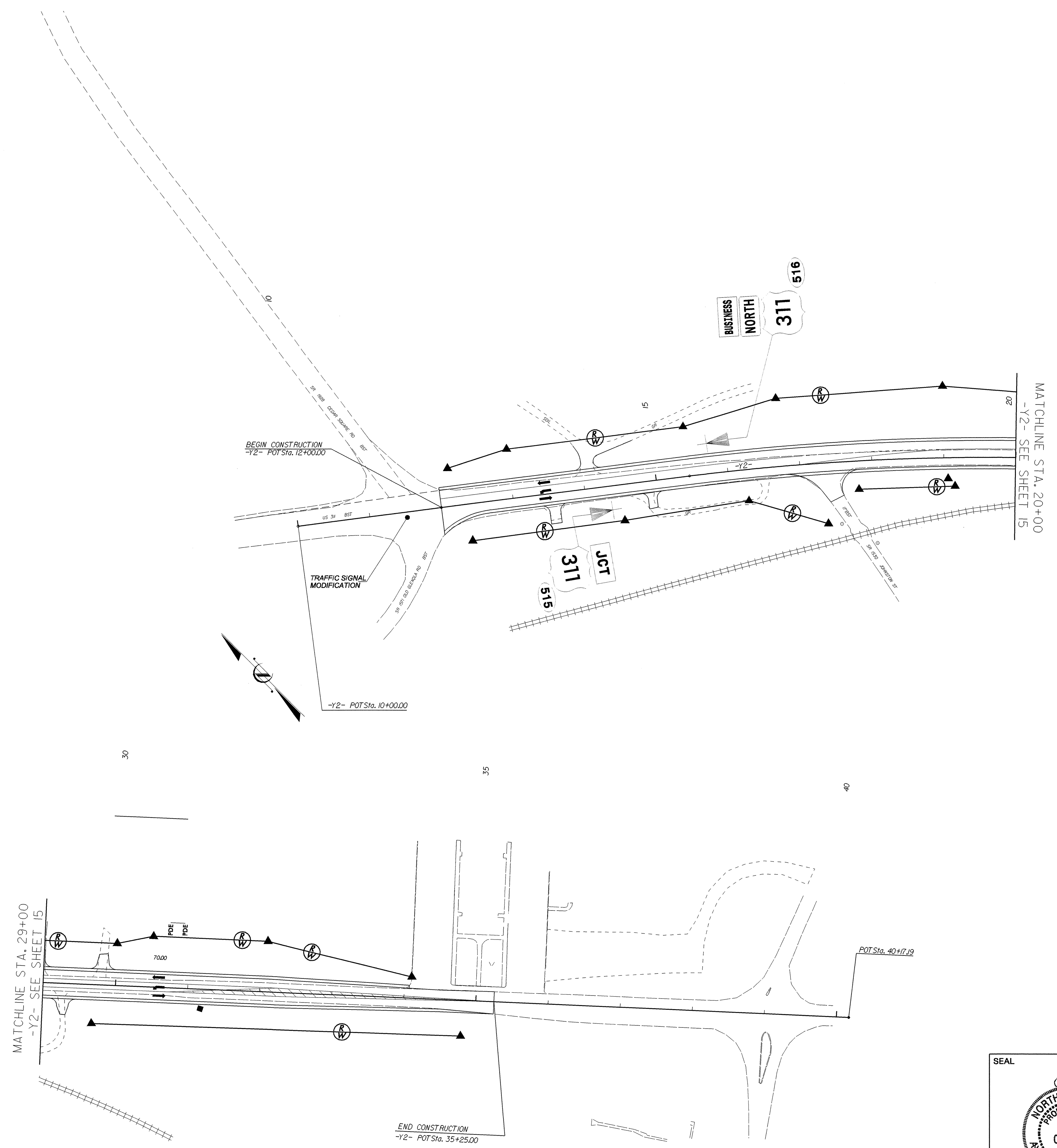


**I-74 / US 311
PROPOSED SIGNS
STA. 98+00 TO STA. 126+00 -L-
STA. 22+00 TO STA. 38+00 -Y1-**

SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
DATE	FEB 2006		
SIGNING DESIGN ENG	M. TRACEY		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		



I-74 / US 311, PROPOSED SIGNS			
STA. 10+00 to STA. 22+00 -Y1-		STA. 38+00 to STA. 46+00 -Y1-	
STA. 20+00 to STA. 29+00 -Y2-			
SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
DATE	FEB 2006		
SIGNING DESIGN ENG	M. TRACEY		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		



I-74 /US 311 PROPOSED SIGNS			
STA. 10+00 to STA. 20+00 -Y2-			
STA. 29+00 to STA. 35+25 -Y2-			
SCALE	1:1000	N. C. DEPARTMENT OF TRANSPORTATION DIVISION OF HIGHWAYS TRAFFIC ENGINEERING BRANCH	REVISIONS
DATE	FEB 2006		
SIGNING DESIGN ENG	M. TRACEY		
SIGNING PROJECT DGN ENG	K. JORDAN		
SIGNING PROJECT ENG	A. ALQUDWAH		