


**STATE OF NORTH CAROLINA
DEPARTMENT OF TRANSPORTATION**

TIP NO. U-2826B	SHEET NO. SIGN-1
APPROVED: <i>[Signature]</i>	
DATE: 1/5/11	
SEAL 	

**SIGNING PLAN
FORSYTH COUNTY**

**LOCATION: US 52 FROM GREYHOUND COURT
TO SR 2264 (AKRON DRIVE), INCLUDING
MARTIN LUTHER KING, JR. DRIVE**

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
901.80	SIGN MOUNTING DETAILS - FOR TYPE A AND TYPE B SIGNS
903.10	GROUND MOUNTED SIGN SUPPORTS
904.10	ORIENTATION OF GROUND MOUNTED SIGNS
904.20	SECONDARY SIGN MOUNTING
904.30	SUPPLEMENTAL SIGN MOUNTING
904.40	MILEPOST AND PLACEMENT
904.50	MOUNTING OF TYPE 'D', 'E' AND 'F' SIGNS ON 'U' CHANNEL POSTS

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. 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 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/BARRIER RAIL DETAILS.

SUMMARY OF QUANTITIES

ITEM NO.	ITEM DESCRIPTION	QUANTITY	UNIT
DESC. NO.	SECT. NO.		
4048000000	902	10	C.Y.
4057000000	SP	120	C.Y.
4060000000	903	4771	LB.
4066000000	903	2652	LB.
4072000000	903	2942	L.F.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4082100000	SP	1	L.S.
4096000000	904	7	EA.
4102000000	904	98	EA.
4108000000	904	26	EA.
4109000000	904	4	EA.
4110000000	904	10	EA.
4116100000	904	4	EA.
4116100000	904	2	EA.
4138000000	907	2	EA.
4152000000	907	18	EA.
4155000000	907	139	EA.
4192000000	907	5	EA.
4234000000	907	6	EA.

PAY ITEM NOTES

- | | |
|---|--|
| 1 | DISPOSAL OF SIGN, A OR B (OVERHEAD) |
| 2 | SIGN ERECTION, TYPE A (OVERHEAD) |
| 3 | DISPOSAL OF SUPPORT, STEEL BEAM |
| 4 | RELOCATE SIGN, TYPE B (GROUND MOUNTED) |
| 5 | DISPOSAL OF SUPPORT, U-CHANNEL |
| 6 | RELOCATE SIGN, TYPE D |
| 7 | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| 8 | DISPOSAL OF SIGN SYSTEM, STEEL BEAM |

INDEX

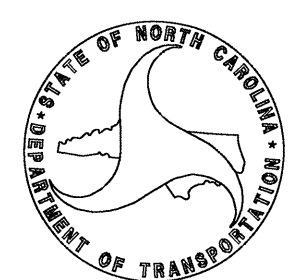
SHEET NO.	DESCRIPTION
SIGN-1	TITLE SHEET
SIGN-2-2D	SUPPORT INFORMATION AND GROUND MOUNT SHEETS
SIGN-3-3G	OVERHEAD DETAILS
SIGN-4-4J	SIGN DESIGNS
SIGN-5-5A	E AND F SHEETS
SIGN-6-28	SIGN DETAIL SHEETS

T.I.P.: U-2826B

CONTRACT: C202598

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

SUSAN B. KUNZ SIGNING & DELINEATION REGIONAL ENGINEER
STACEY JOHNS SIGNING & DELINEATION DESIGN ENGINEER

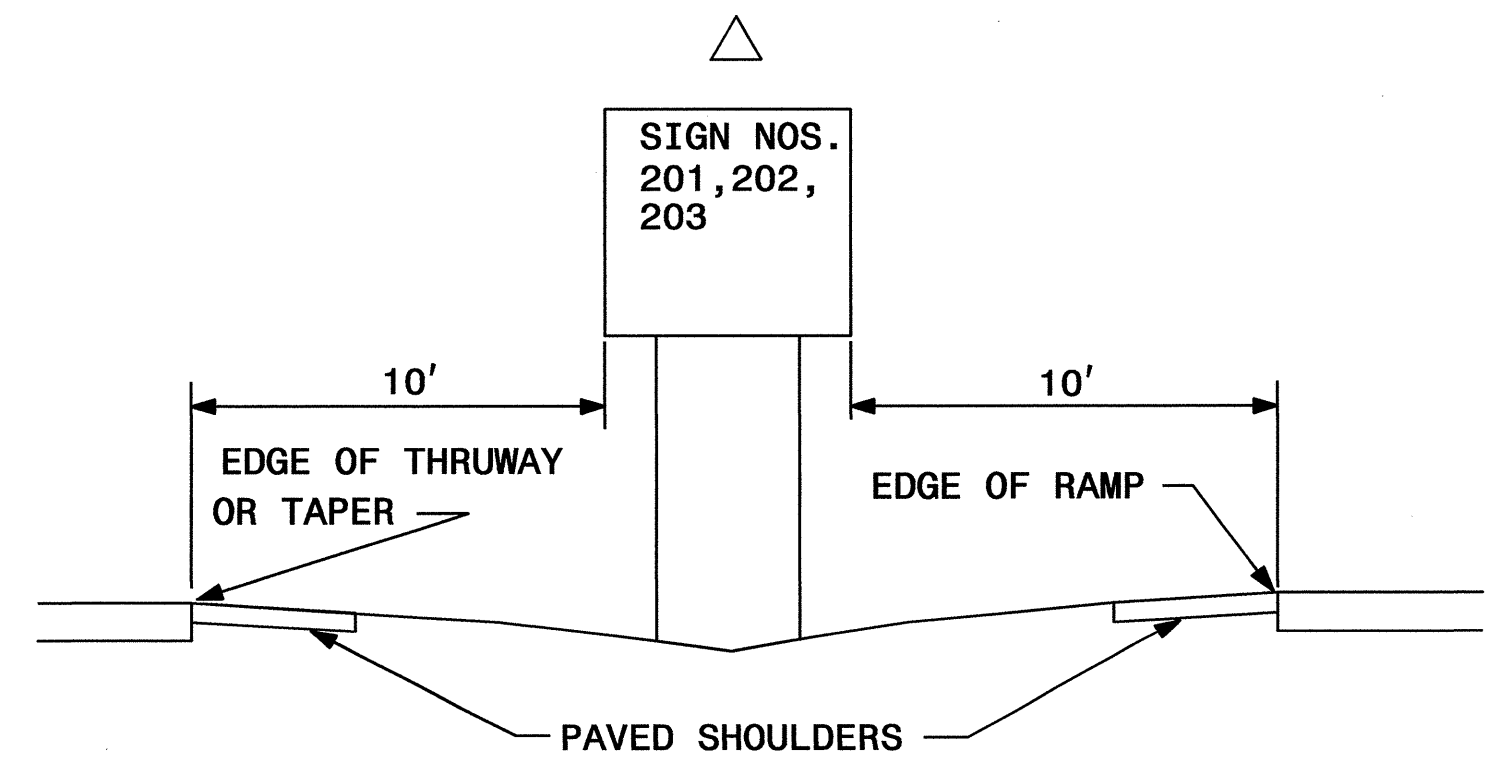
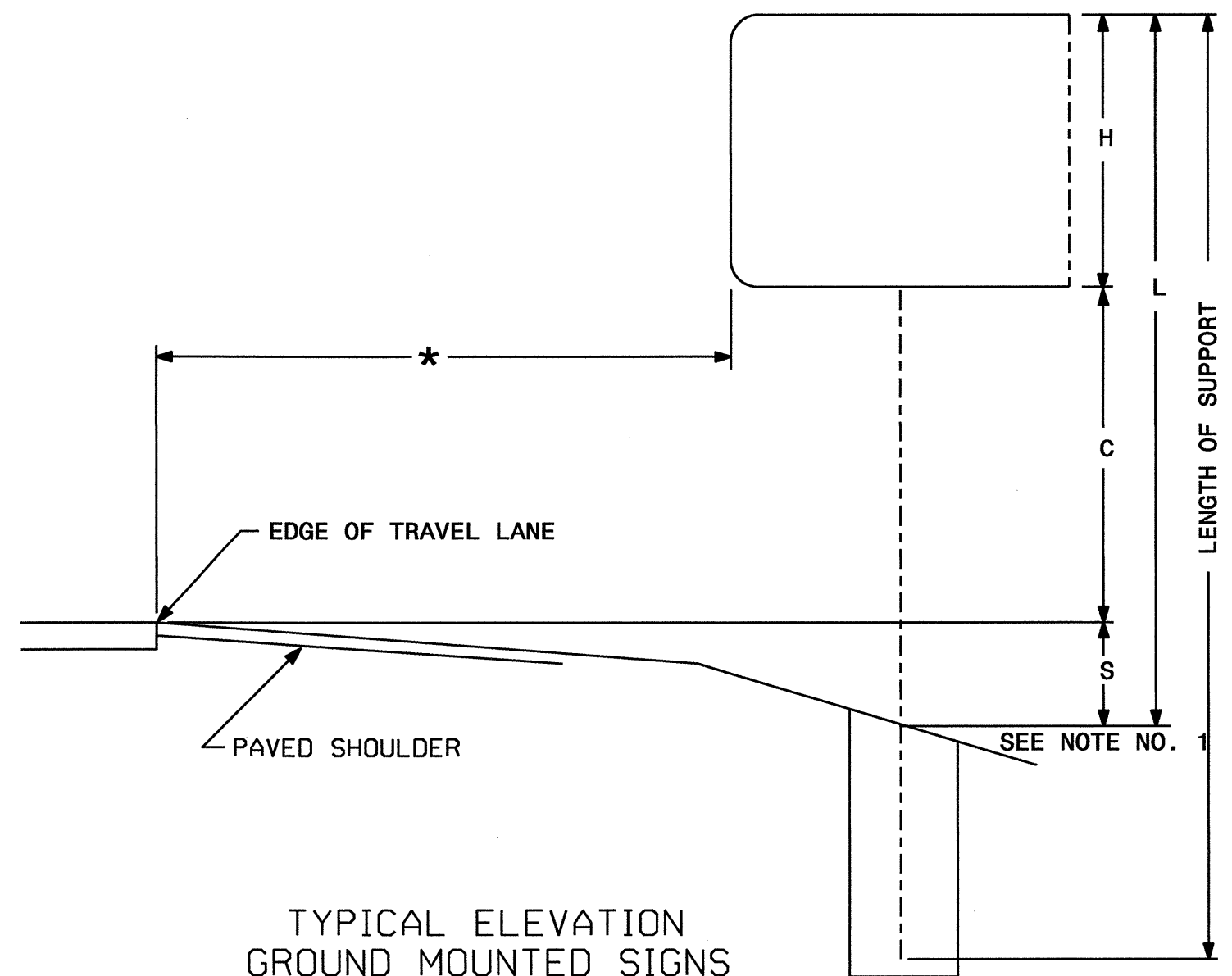


TIP NO. U-28268	SHEET NO. SIGN-2
APPROVED: <i>RW King</i>	
DATE: 1/5/11	
SEAL	

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																														
101	A	138	X	90	81+00 -L- SB	2	W6x12	S	N/A	N/A	18.00	7.50	14.48	5.5	-7.11	14.87	20.37	0.00	0.00	0.00	-10.48	11.50	17.00	1.5	6	0.00	448.44	0.79																									
102A	B	120	X	30	105+00 -L- N	2	W6x16	BA	1-R	N/A	30.00	6.50	7.00	6	5.55	19.05	25.05	0.00	0.00	0.00	6.25	19.75	25.75	1.5	6.5	945.15	0.00	0.85																									
102B	A	150	X	78																																																	
103A	B	120	X	30	113+50 -L- S	2	W12x26	S	1-R	N/A	18.00	12.00	7.00	7.5	8.42	27.42	34.92	0.00	0.00	0.00	13.15	32.15	39.65	2.5	8	0.00	1938.82	2.91																									
103B	A	216	X	144																																																	
104A	B	120	X	30	158+00 -L-	3	W6x9	BA	1-R	N/A	30.00	5.50	10.62	5	-3.37	12.75	17.75	-3.50	12.63	17.63	-3.62	12.50	17.50	1.5	5.5	570.59	0.00	1.08																									
104B	A	228	X	66																																																	
105	A	108	X	66	19+00 -AKRRB	2	S4x7.7	BA	N/A	N/A	10.00	5.50	7.58	4	-0.58	12.50	16.50	0.00	0.00	0.00	-0.52	12.56	16.56	1	4.5	295.17	0.00	0.26																									
106	A	192	X	114	88+00 -L- NB	2	W8x18	BA	N/A	N/A	30.00	9.50	10.02	5.5	-1.63	17.89	23.39	0.00	0.00	0.00	-3.02	16.50	22.00	2	6	979.14	0.00	1.40																									
107	A	192	X	114	119+00 -L- S	2	W8x21	BA	N/A	N/A	30.00	9.50	7.00	6	4.17	20.67	26.67	0.00	0.00	0.00	5.70	22.20	28.20	2	6.5	1337.89	0.00	1.51																									
201	A	60	X	60	34+20 -MLK	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.0	0.50	12.50	15.50	0.00	0.00	0.00	0.50	12.50	15.50	1	3.5	212.23	0.00	0.20																									
202	A	60	X	60	38+50 -MLK	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.0	0.50	12.50	15.50	0.00	0.00	0.00	0.50	12.50	15.50	1	3.5	212.23	0.00	0.20																									
203	A	72	X	60	11+60 -I40LP	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	3.5	0.50	12.50	16.00	0.00	0.00	0.00	0.50	12.50	16.00	1	4	217.93	0.00	0.23																									
901	B	126	X	48	79+00 -L- NB	2	S4x7.7	S	N/A	N/A	12.50	4.00	7.00	4	1.10	12.10	16.10	0.00	0.00	0.00	3.16	14.16	18.16	1	4.5	0.00	263.82	0.26																									
																								TOTAL	4770.33	TOTAL	2651.08	TOTAL	9.76																								
																								USE:	4771	2652	10																										

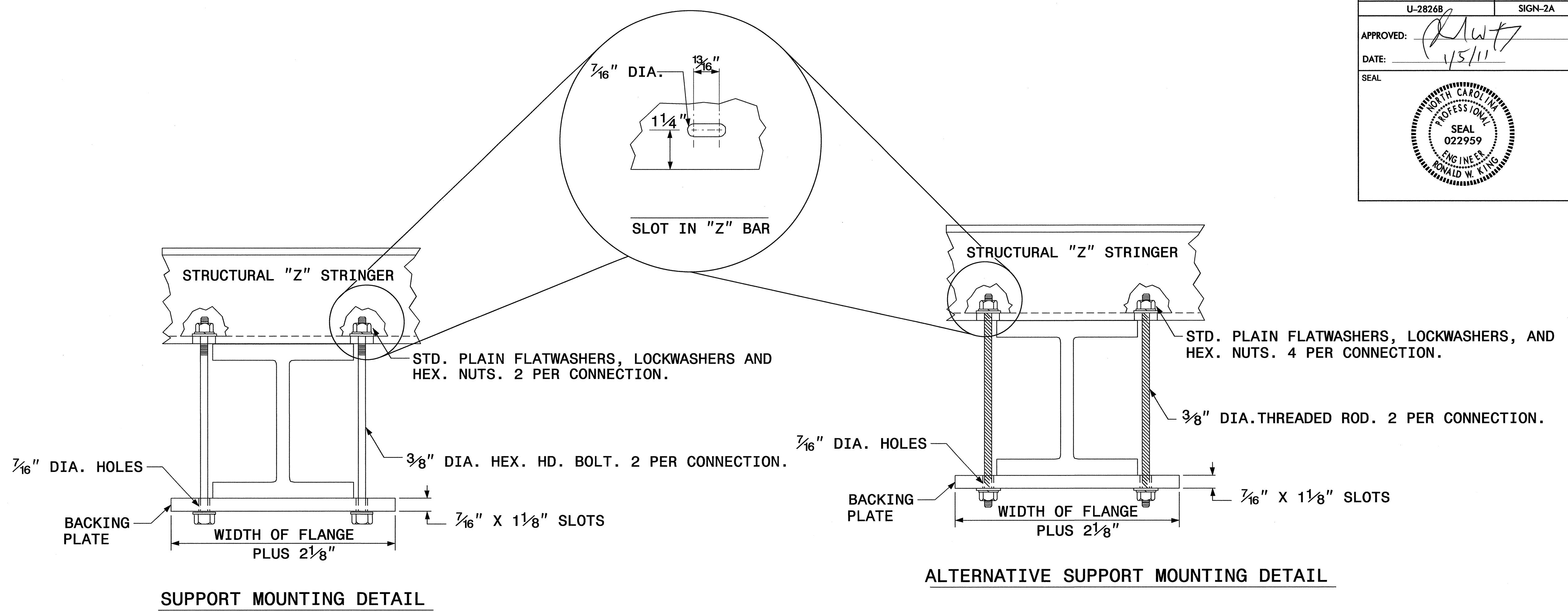
NOTES

- 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.



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

04-JAN-2011 15:54
 P:\TIPPro\sc-12\1227737\Signing\CADD\Signing Layout Plans\Signing\Title Sheet Engsecd.dgn
 3johns AT 12/27/10



1/16" DIA. HOLES

BACKING PLATE

WIDTH OF FLANGE PLUS 2 1/8"

3/8" DIA. HEX. HD. BOLT. 2 PER CONNECTION.

1/16" X 1 1/8" SLOTS

SUPPORT MOUNTING DETAIL

STRUCTURAL "Z" STRINGER

STD. PLAIN FLATWASHERS, LOCKWASHERS, AND HEX. NUTS. 4 PER CONNECTION.

3/8" DIA. THREADED ROD. 2 PER CONNECTION.

1/16" DIA. HOLES

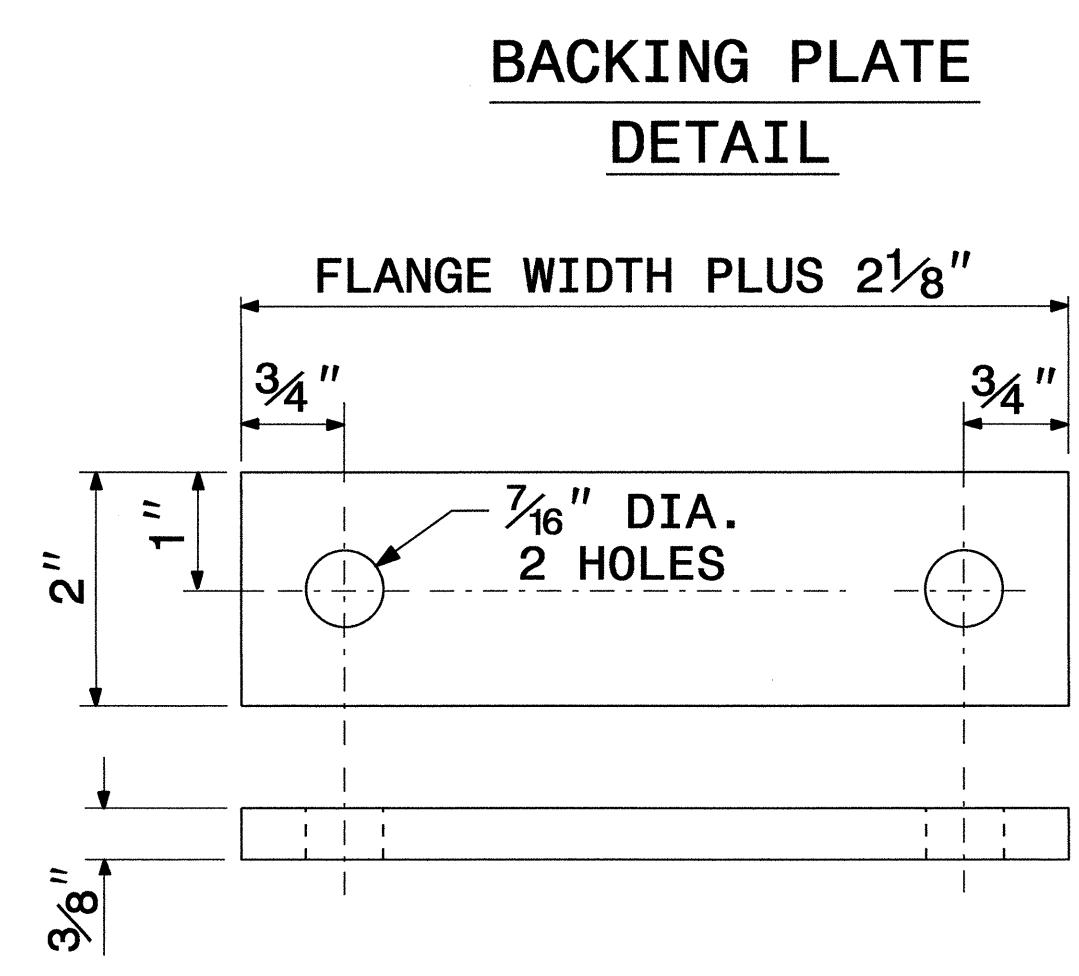
BACKING PLATE

WIDTH OF FLANGE PLUS 2 1/8"

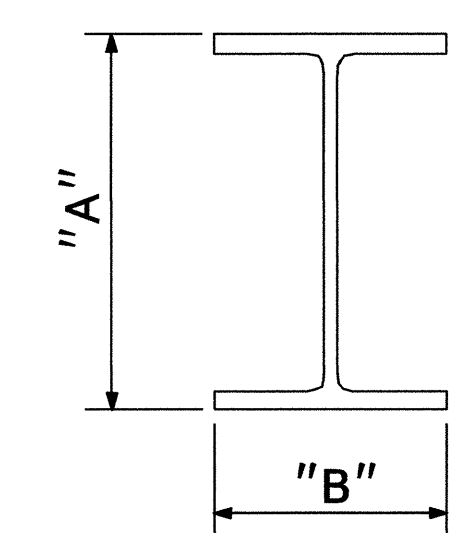
1/16" X 1 1/8" SLOTS

ALTERNATIVE SUPPORT MOUNTING DETAIL

SIGN SUPPORTS SECTION DIMENSIONS



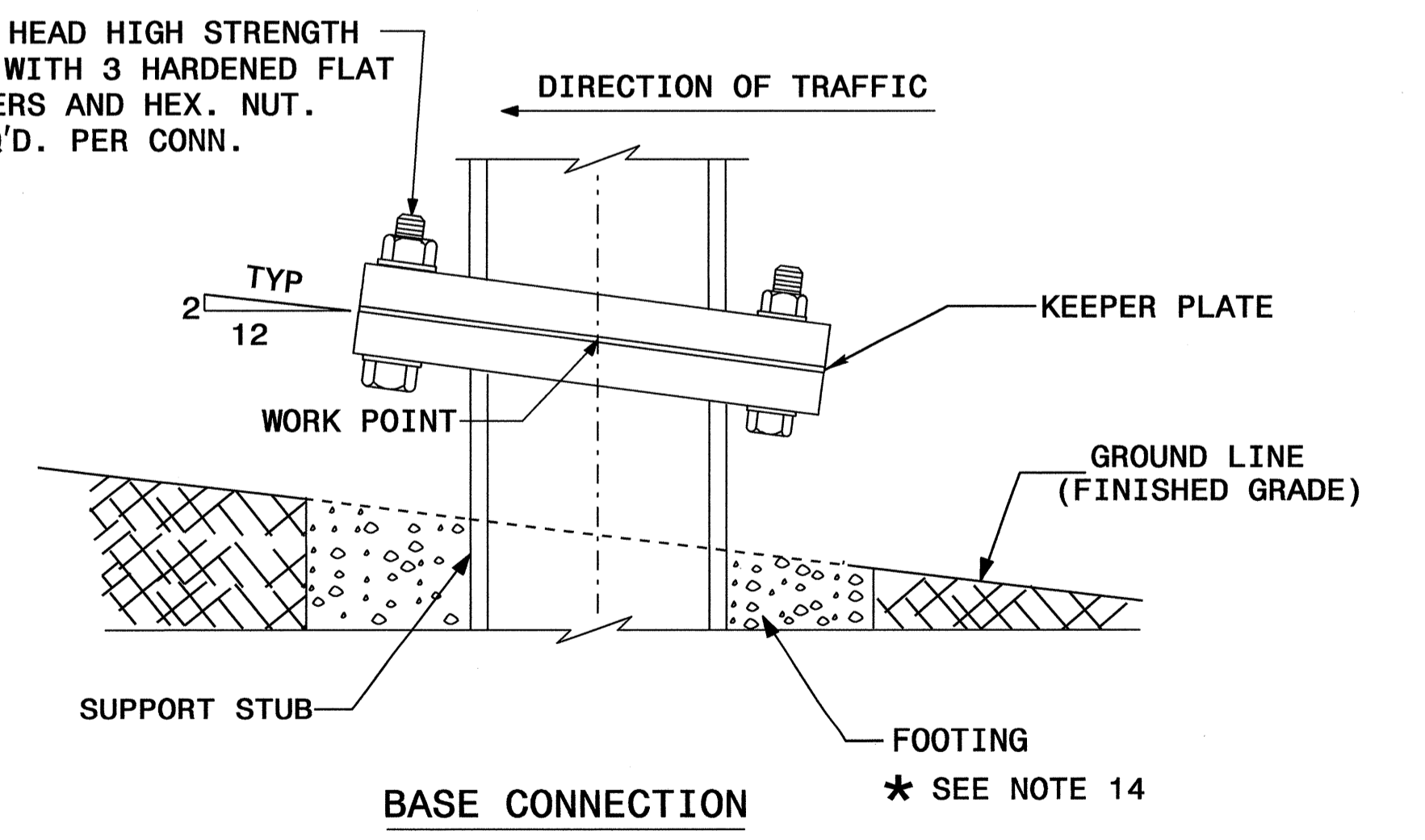
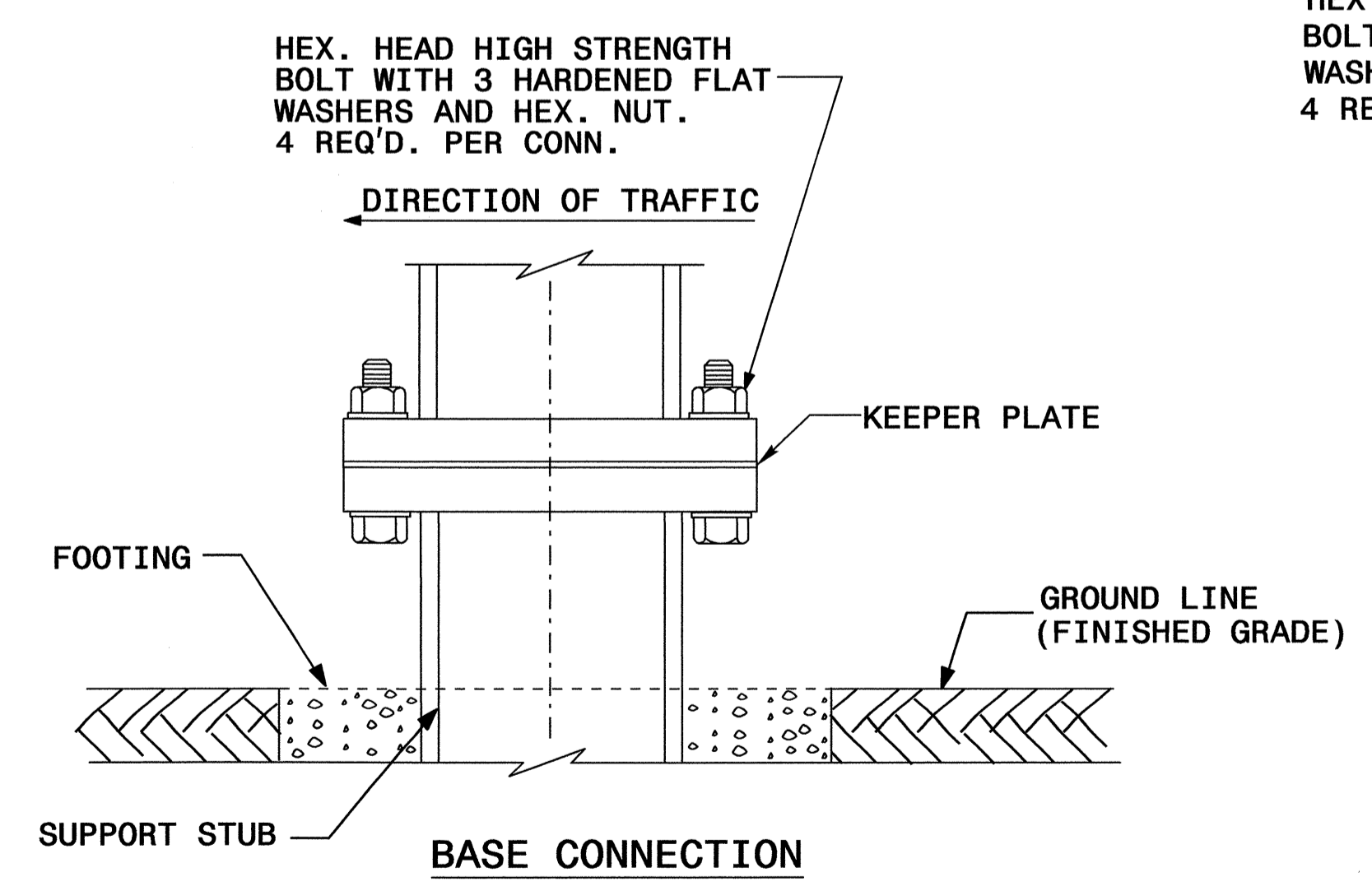
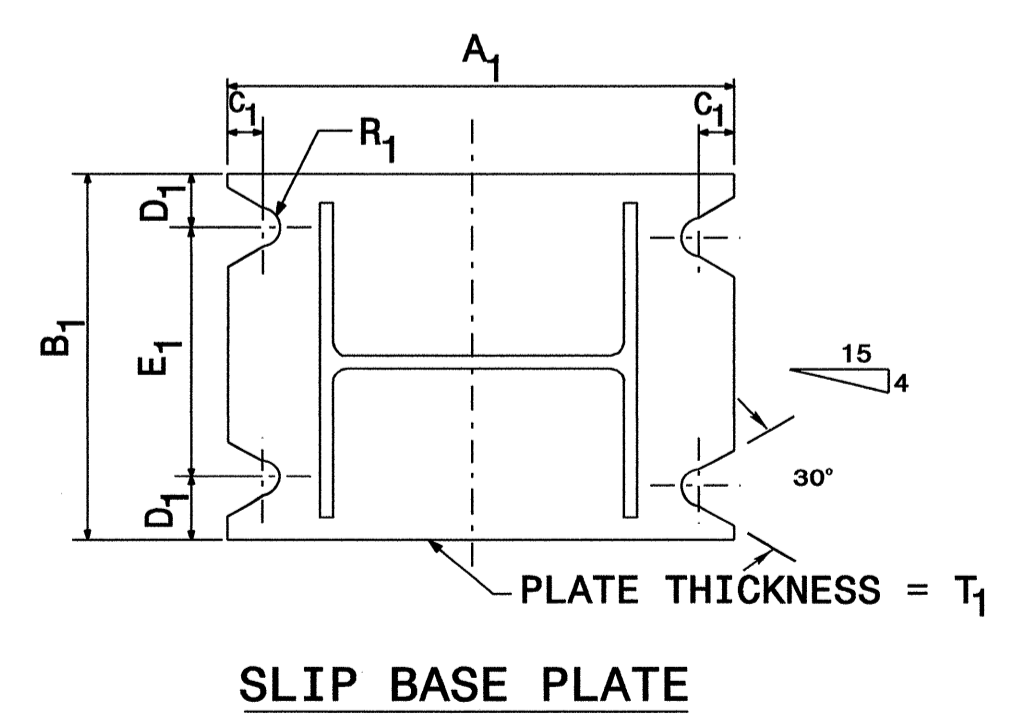
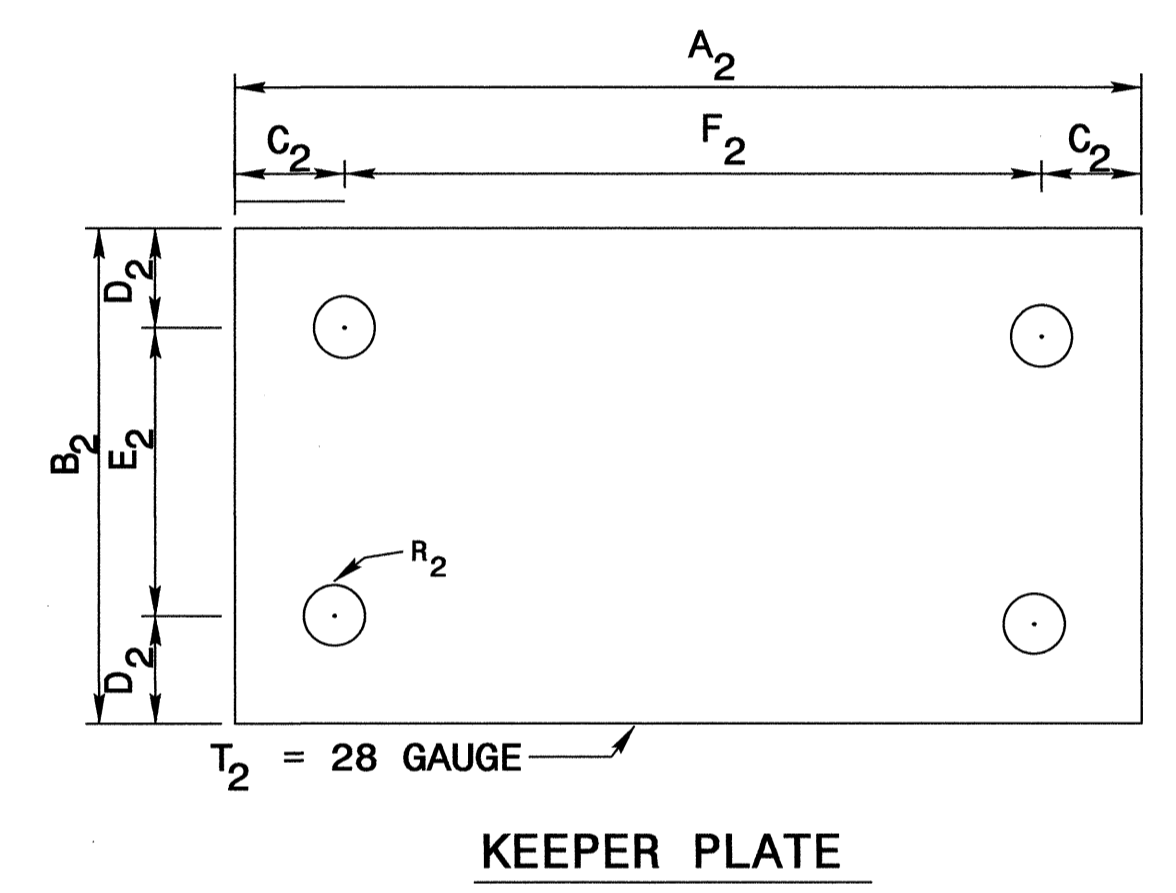
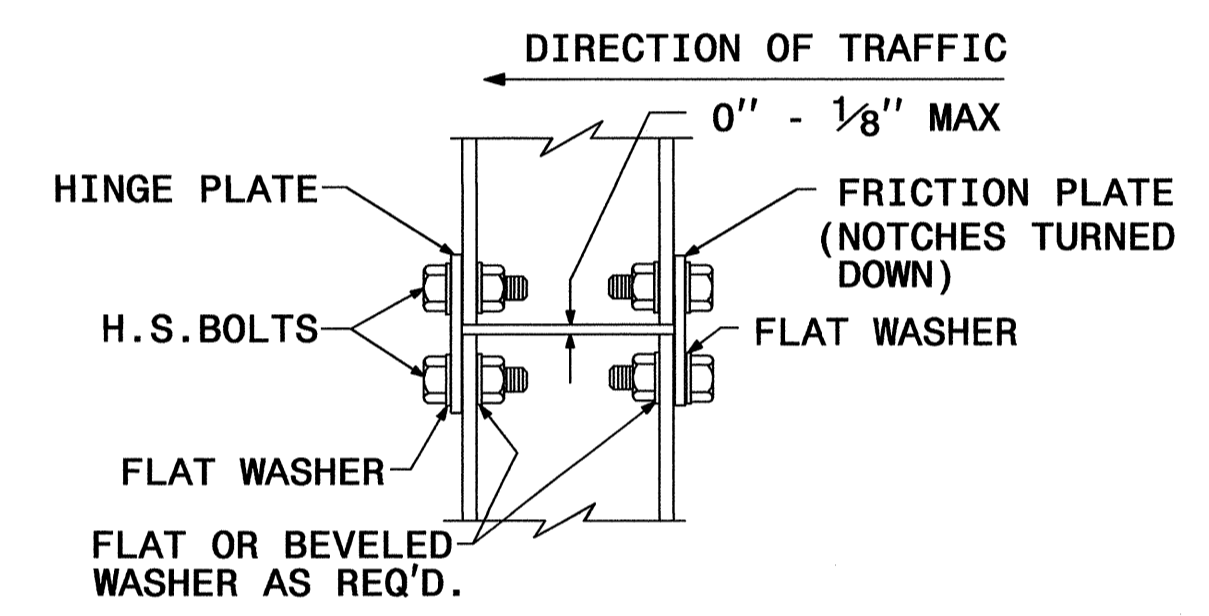
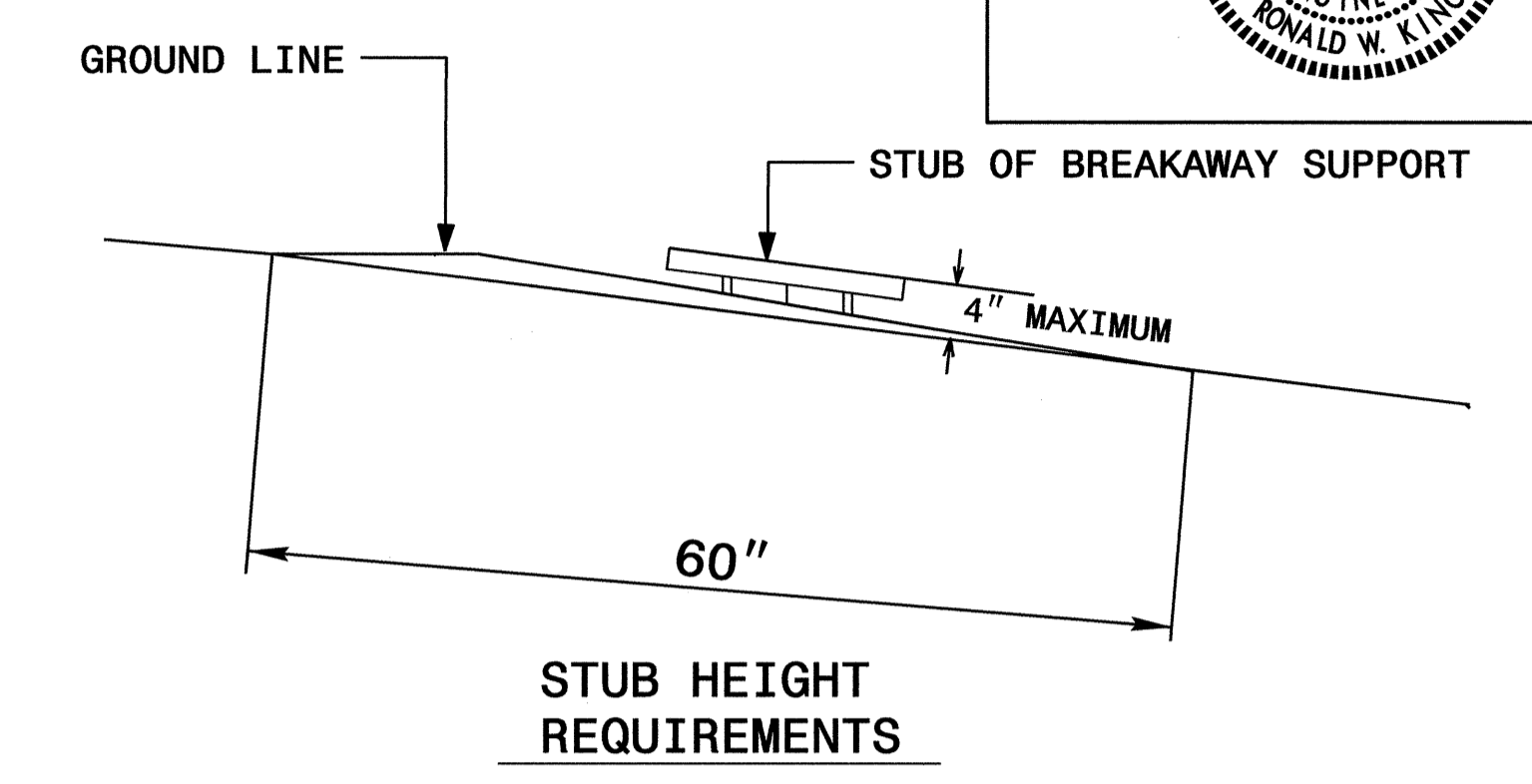
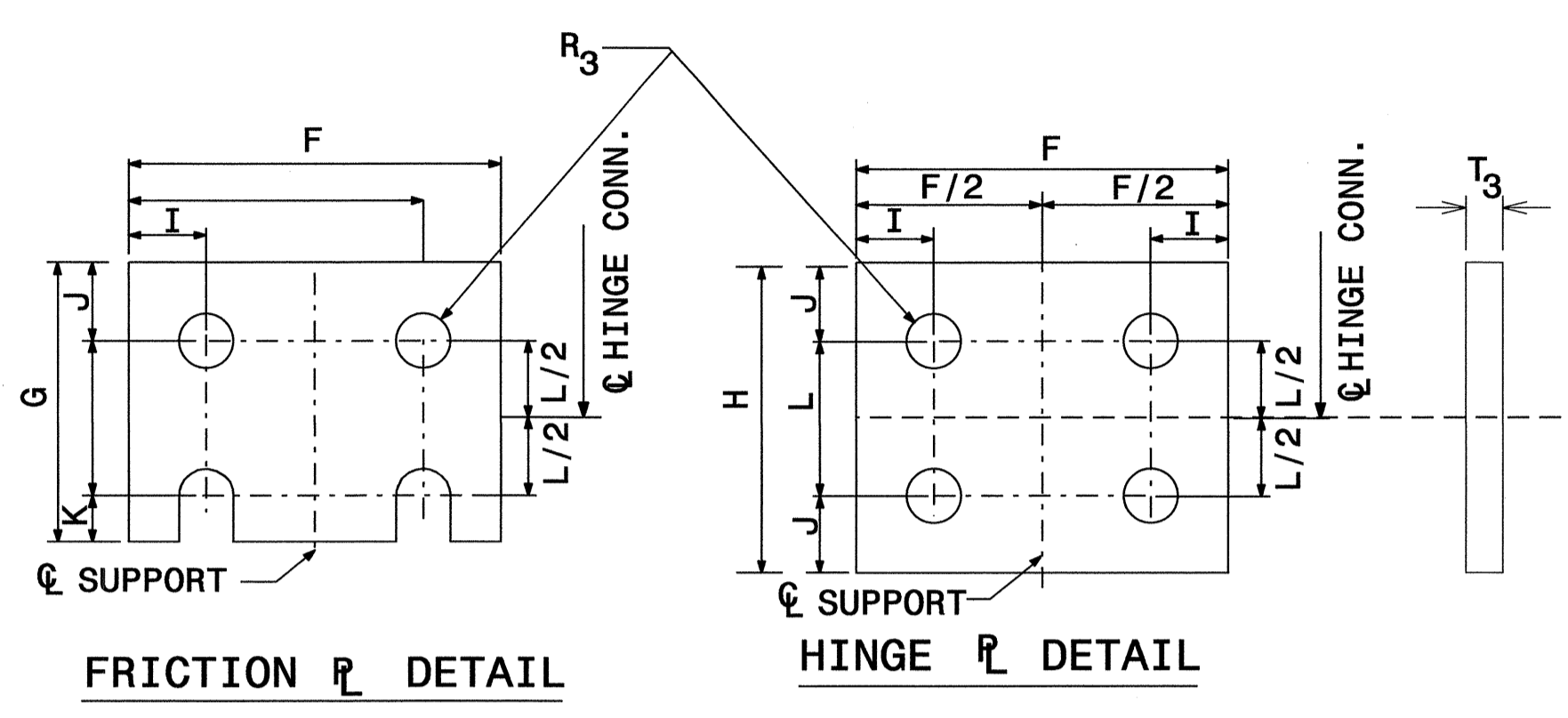
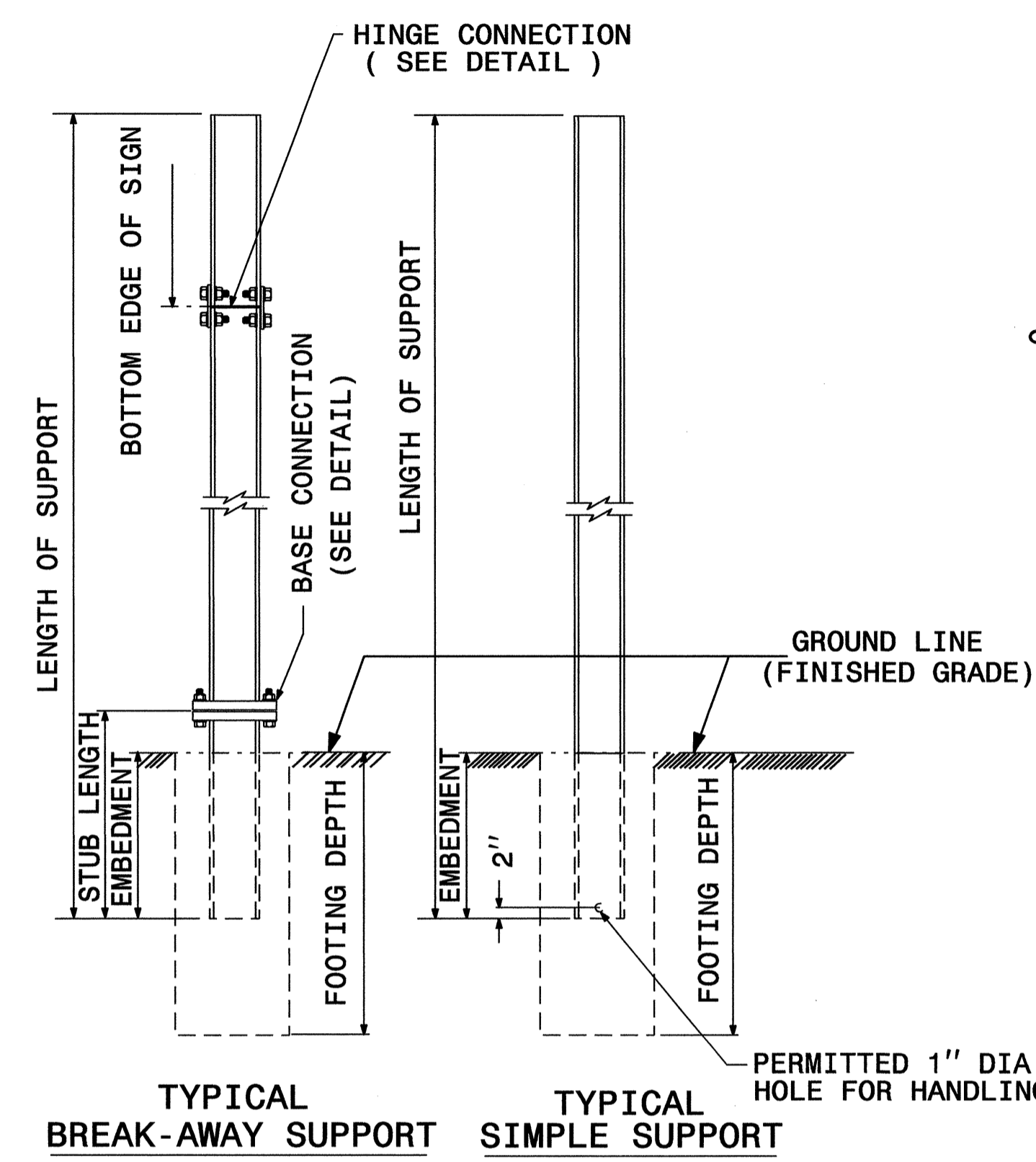
BACKING PLATE DETAIL



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



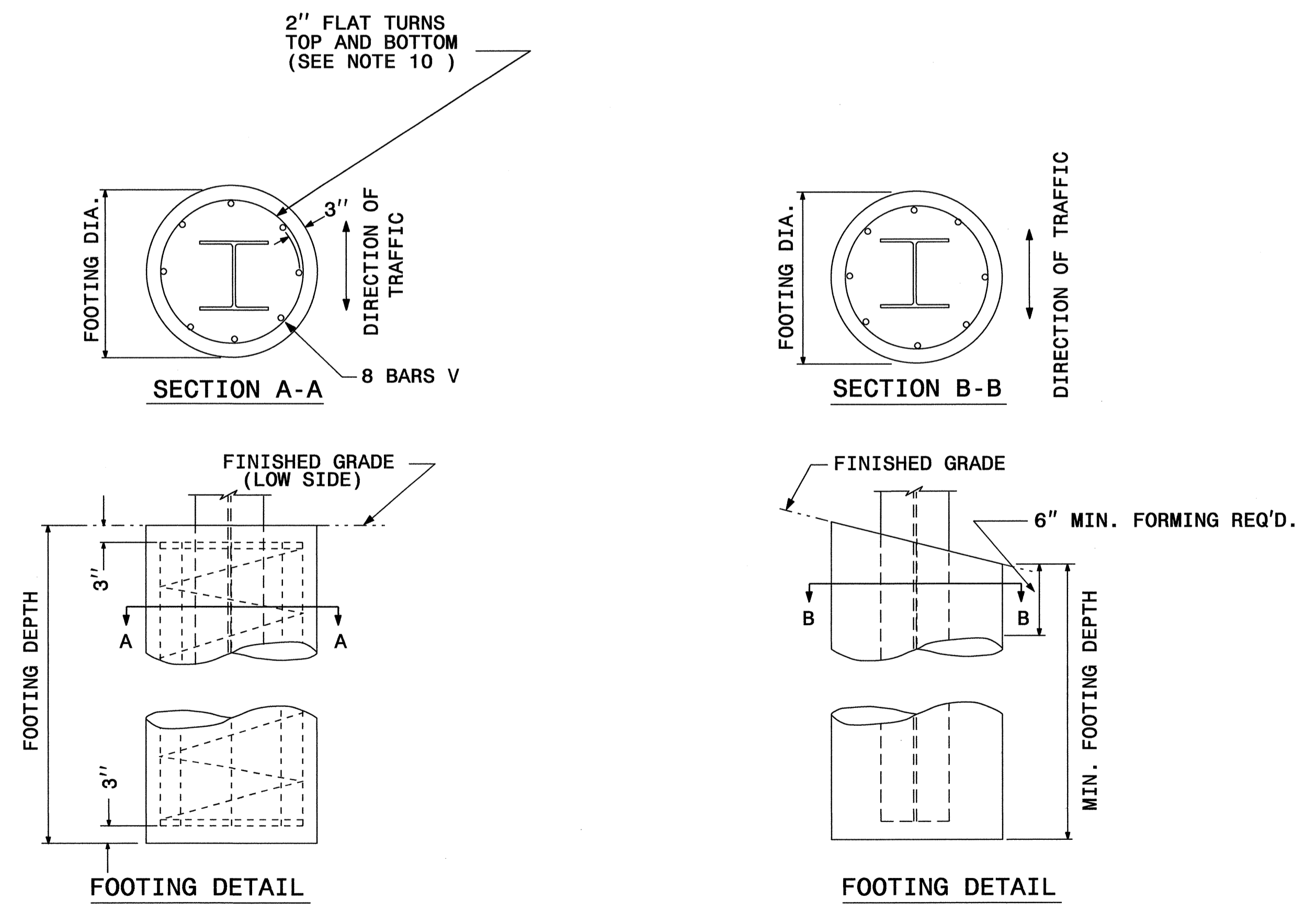
SEE SHEET SIGN-6 FOR DIMENSIONS.
SEE SHEET SIGN-7 FOR NOTES.

GROUND MOUNTED SIGN SUPPORT

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TIP NO. U-28268	SHEET NO. SIGN-2C
APPROVED: <i>R. W. King</i>	
DATE: 4/5/11	
SEAL	
	

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"	11/32"	11"	5"	1 1/4"	7/8"	3 1/4"	11/32"	28 GAUGE	5/8" DIA. X 2 1/4"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	11/32"	3/8"	39
W6X16	5/8" DIA. X 3 3/4"	12"	6"	1 1/4"	7/8"	4 1/4"	1 1/2"	11/32"	12"	6"	1 1/4"	7/8"	4 1/4"	11/32"	28 GAUGE	5/8" DIA. X 2 1/2"	4"	4"	4 1/2"	3/4"	1 1/8"	5/8"	2 1/4"	11/32"	1 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"	11/32"	13 1/2"	6 1/2"	1 1/4"	7/8"	4 3/4"	11/32"	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"	11/32"	1 1/2"	70
W8X21	3/4" DIA. X 4 1/4"	14"	7"	1 1/2"	1"	5"	1 1/2"	13/32"	14"	7"	1 1/2"	1"	5"	13/32"	28 GAUGE	3/4" DIA. X 2 3/4"	5 1/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	1 1/2"	73
W10X22	3/4" DIA. X 4 1/4"	16"	8"	1 1/2"	1"	6"	1 1/2"	13/32"	16"	8"	1 1/2"	1"	6"	13/32"	28 GAUGE	3/4" DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	1 1/2"	119
W10X26	3/4" DIA. X 4 3/4"	16 1/2"	8"	1 1/2"	1"	6"	1 3/4"	13/32"	16 1/2"	8"	1 1/2"	1"	6"	13/32"	28 GAUGE	3/4" DIA. X 2 3/4"	5 3/4"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	5/8"	140
W12X26	3/4" DIA. X 4 3/4"	18 1/2"	9"	1 1/2"	1"	7"	1 3/4"	13/32"	18 1/2"	9"	1 1/2"	1"	7"	13/32"	28 GAUGE	3/4" DIA. X 2 3/4"	6 1/2"	6"	7"	1"	1 3/4"	3/4"	3 1/2"	13/32"	5/8"	176
W14X30	1" DIA. X 5"	22"	9"	2"	1 1/2"	6"	2"	17/32"	22"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1" DIA. X 3"	6 3/4"	7"	8"	1 1/4"	2"	1"	4"	17/32"	5/8"	205
W16X31	1" DIA. X 5"	24"	9"	2"	1 1/2"	6"	2"	17/32"	24"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1" DIA. X 3 1/4"	5 1/2"	7"	8"	1 1/4"	2"	1"	4"	17/32"	3/4"	223
W18X35	1" DIA. X 5"	25"	9"	2"	1 1/2"	6"	2"	17/32"	25"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1" DIA. X 3 1/4"	6"	7"	8"	1 1/4"	2"	1"	4"	17/32"	3/4"	243
W18X40	1" DIA. X 5 1/2"	26"	9"	2"	1 1/2"	6"	2 1/4"	17/32"	26"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1" DIA. X 3 3/4"	6"	7"	8"	1 1/4"	2"	1"	4"	17/32"	7/8"	278
W21X44	1" DIA. X 5 1/2"	29"	9"	2"	1 1/2"	6"	2 1/2"	17/32"	29"	9"	2"	1 1/2"	6"	17/32"	28 GAUGE	1" DIA. X 3 3/4"	6 1/2"	7"	8"	1 1/4"	2"	1"	4"	17/32"	7/8"	310

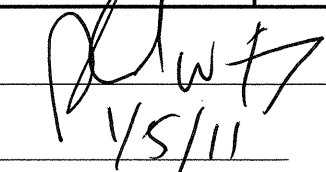



FOUNDATION DATA *		
FOOTING DIAMETER	REINFORCEMENT	SPIRAL BAR
1' 6"	8 # 6 BARS	#3 BAR, 3" PITCH
2'	8 # 7 BARS	#3 BAR, 3" PITCH
2' 6"	8 # 9 BARS	#3 BAR, 3" PITCH
3'	8 # 11 BARS	#3 BAR, 3" PITCH
3' 6"	8 # 12 BARS	#3 BAR, 3" PITCH
4'	8 # 14 BARS	#3 BAR, 3" PITCH

* FOUNDATION DIMENSIONS ARE SHOWN IN PLANS
SEE SHEET SIGN-7 FOR NOTES.

GROUND MOUNTED SIGN SUPPORT

28-116-200 15:56 U:\28268\Traffic\Signing\CADD\Signing Layout Plans\Signing\Title Sheet Engseed.dgn
 R. W. King
 12/27/04

TIP NO. U-2826B	SHEET NO. SIGN-2D
APPROVED: 	
DATE: 1/5/11	
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:


	TORQUE (LB. FT.)
	9
	22
	37
	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.

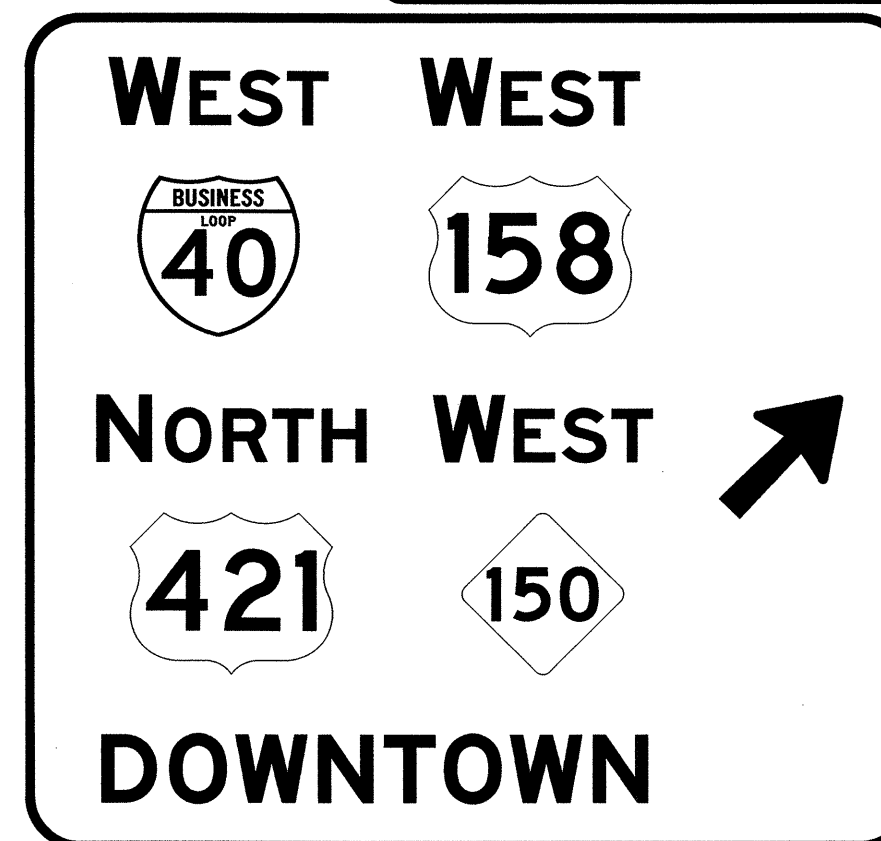
GROUND MOUNTED SIGN SUPPORT

28-016-200 15:56
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 rhennet AT 1/22/11 10:54

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-2826B	SIGN-3	
APPROVED: <i>R.W.K.</i>			
DATE: 1/5/11			
SEAL			
			

SIGN NO. 2A
120" X 30"

EXIT 109 B

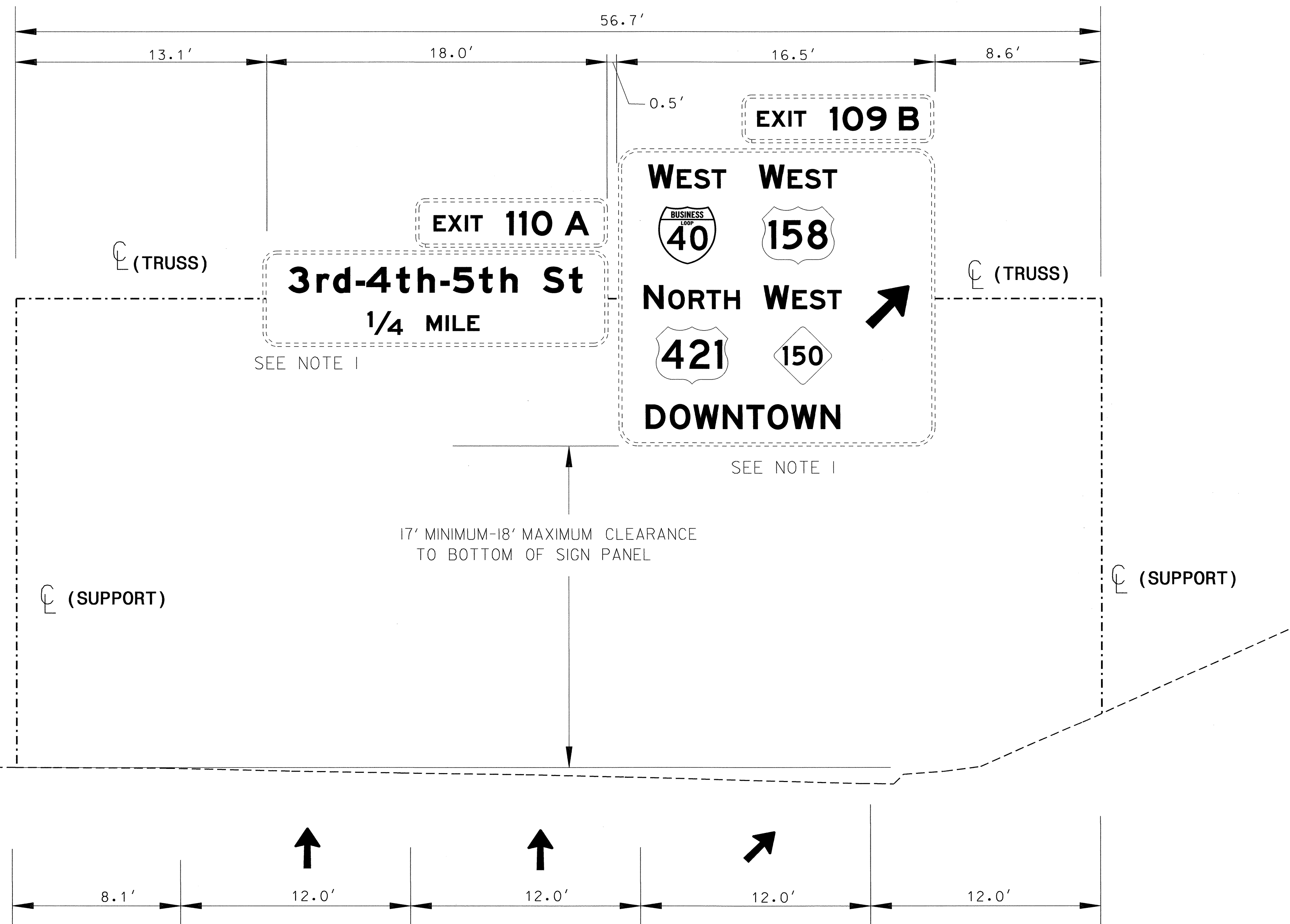


SEE NOTE 2

SIGN NO. 2B
198" X 186"

SIGN NO. 1
180" X 102"

SEE NOTE 2



Ⓞ (TRUSS)

SEE NOTE 1

Ⓞ (SUPPORT)

SEE NOTE 1

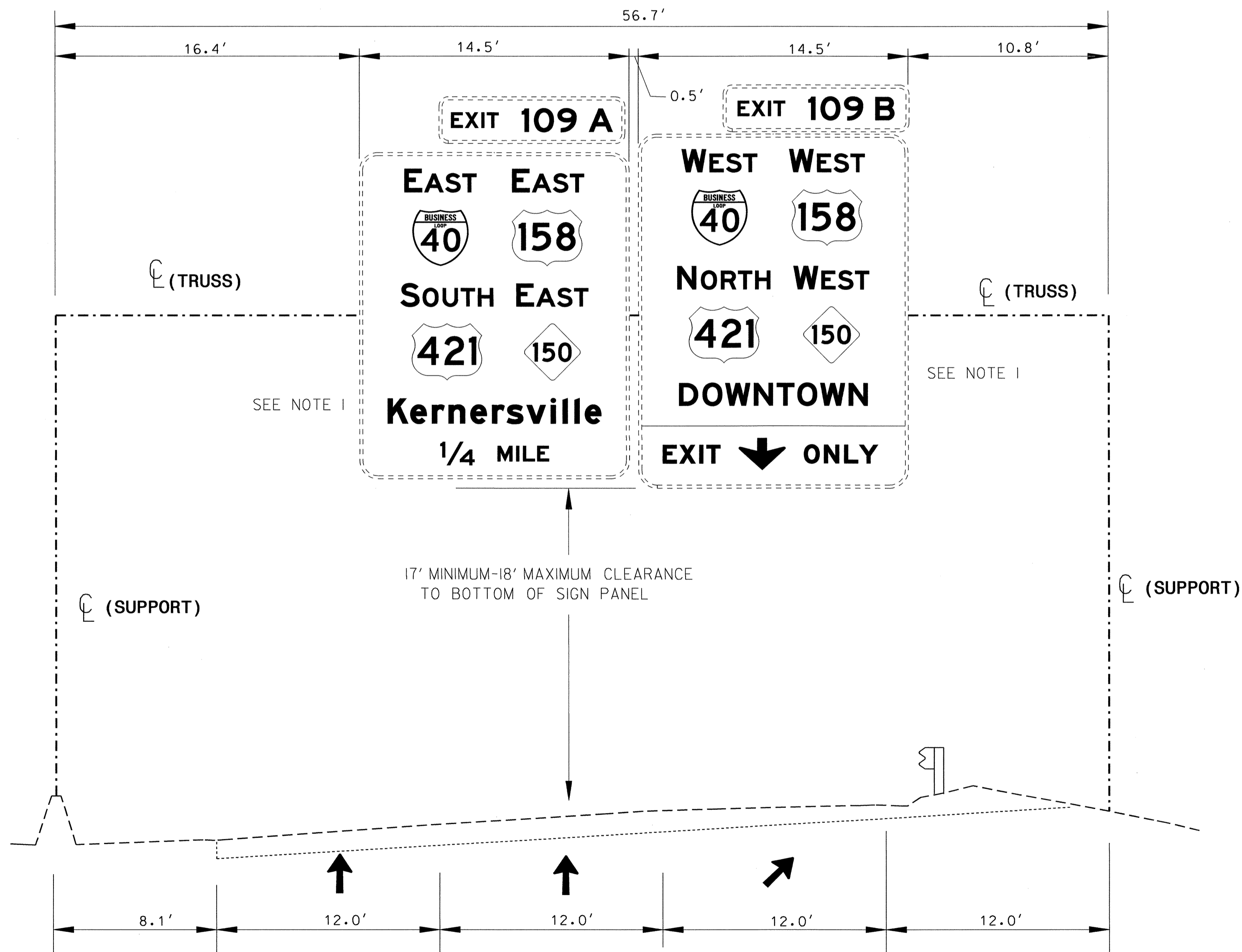
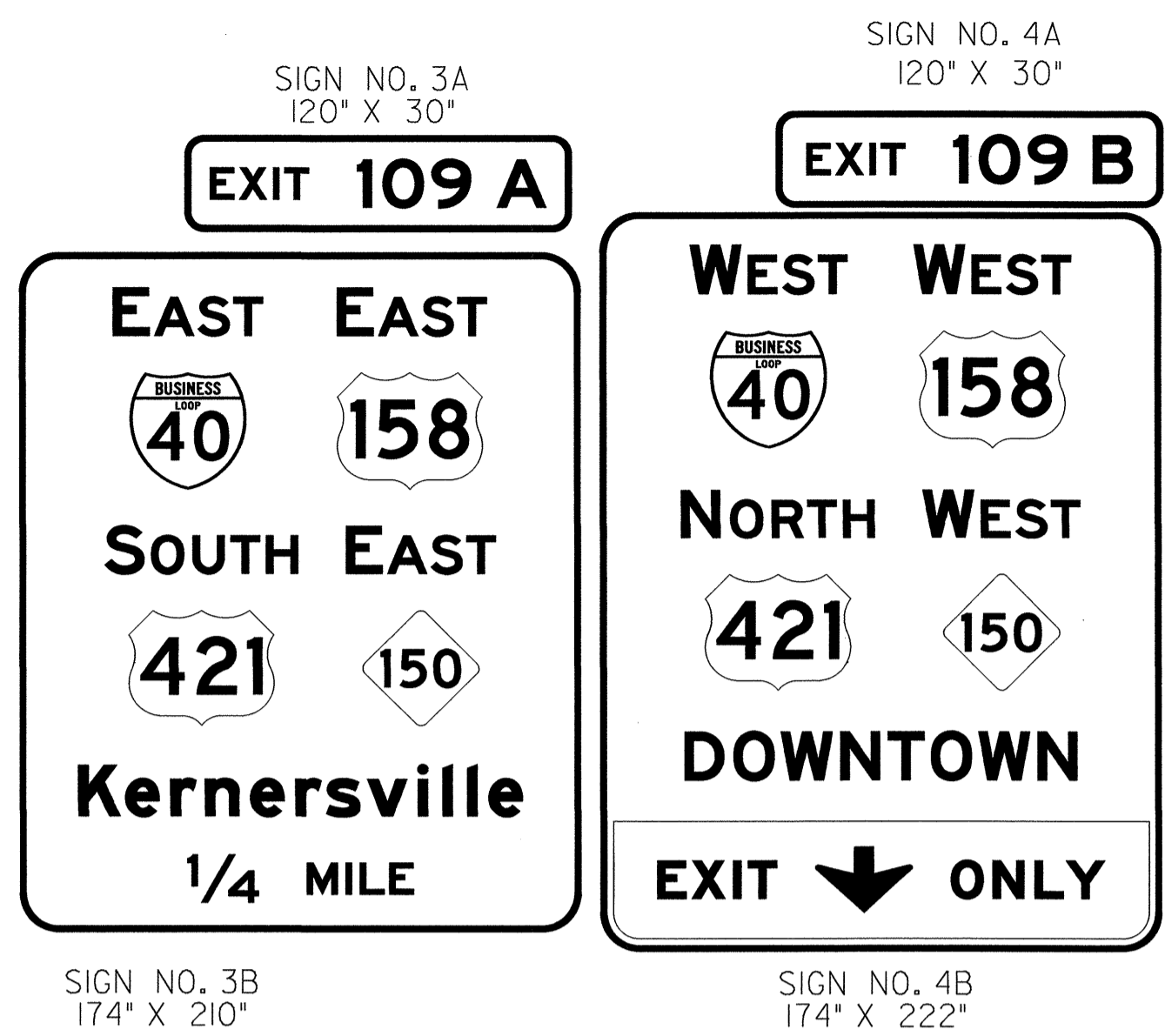
17' MINIMUM-18' MAXIMUM CLEARANCE
TO BOTTOM OF SIGN PANEL

Ⓞ (TRUSS)


Ⓞ (SUPPORT)

EXISTING OVERHEAD
SIGN STRUCTURE "AA"
AT STA. 56+50(NBL) -L-

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N. C.	U-2826B	SIGN-3A	
APPROVED: <i>R.W.K.</i>			
DATE: 1/5/11			
SEAL			

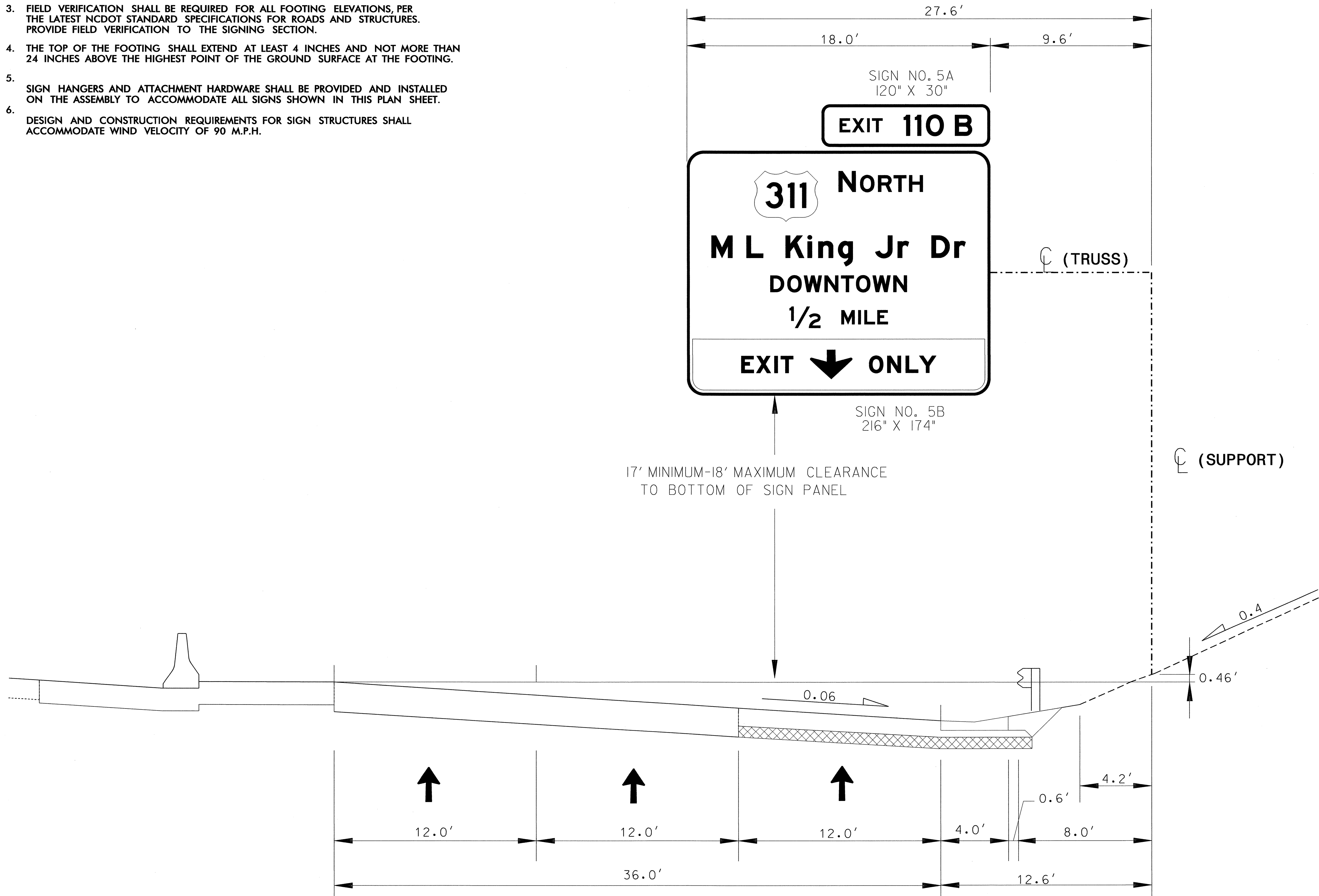


EXISTING OVERHEAD
SIGN STRUCTURE "BB"
AT STA. 69+70(SBL) -L-


STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N. C.	U-2826B	SIGN-3B	
APPROVED: <i>[Signature]</i>			
DATE: 4/5/11			
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 90 M.P.H.

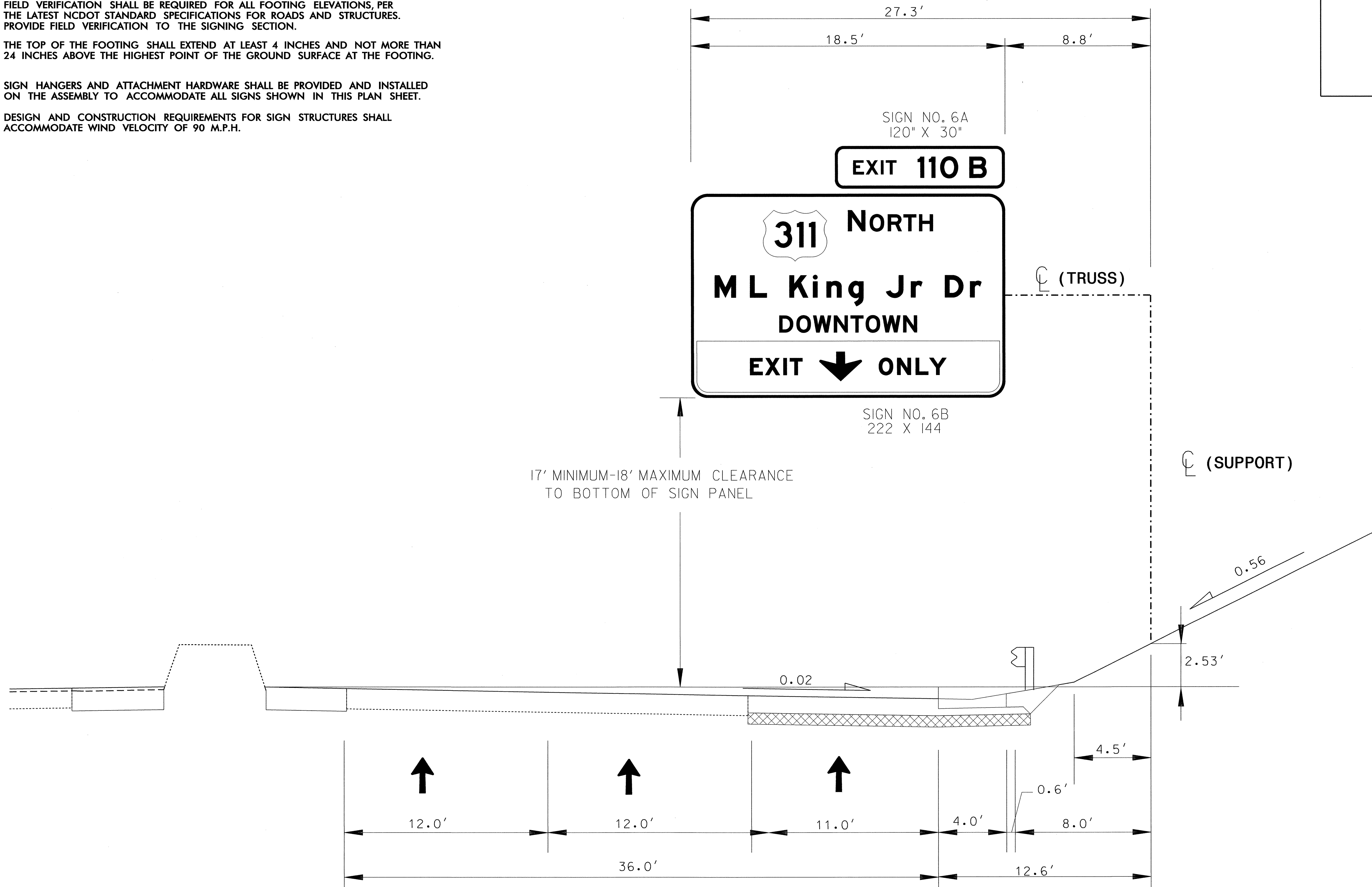


**OVERHEAD SIGN STRUCTURE "A"
AT STA. 68+41 (NBL) -L-**

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N. C.	U-2826B	SIGN-3C	
APPROVED: <i>RWT</i>			
DATE: 1/5/11			
SEAL			
			

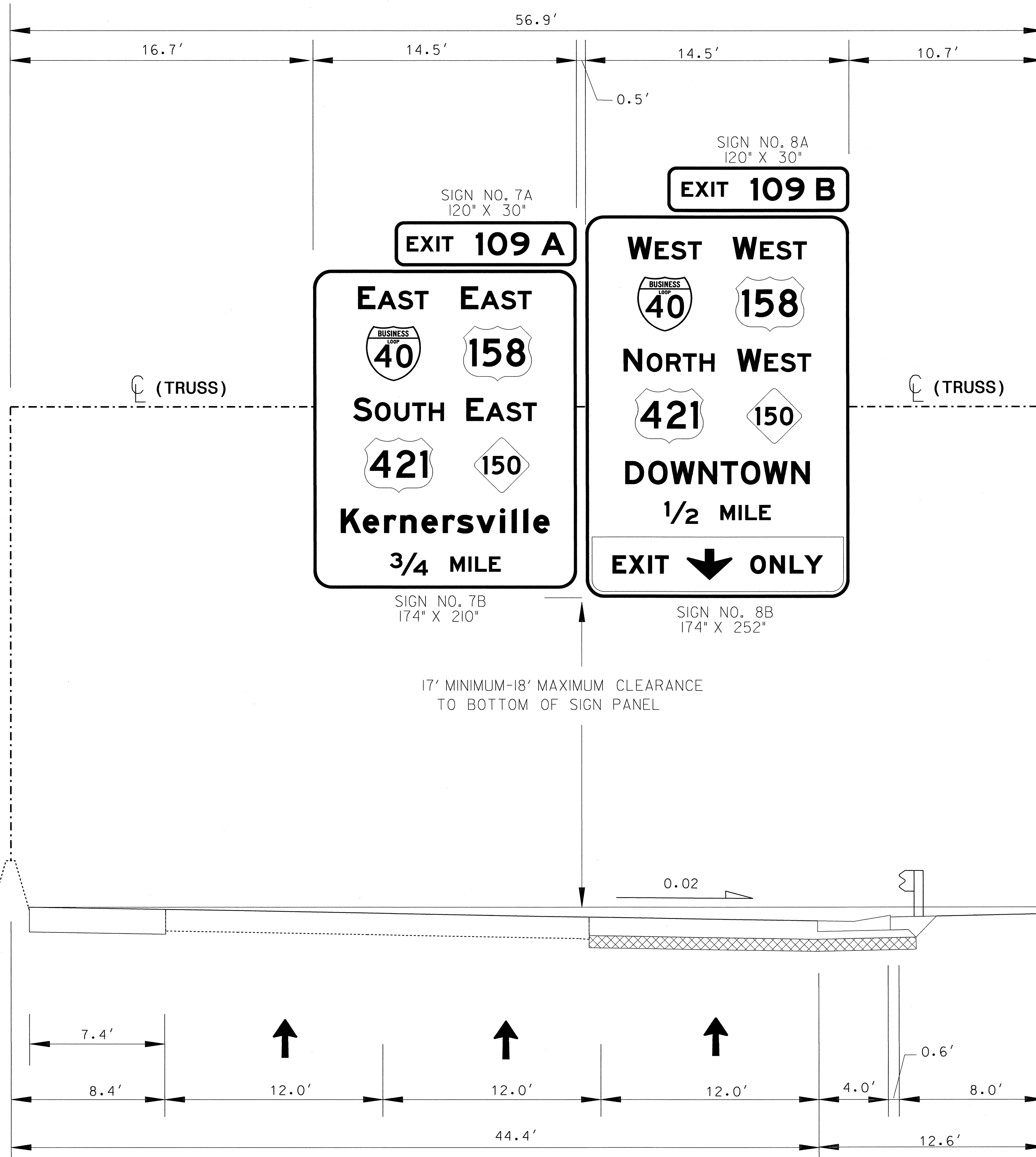
NOTES:

- 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 90 M.P.H.




OVERHEAD SIGN STRUCTURE "B"
AT STA. 82+00(NBL) -L-

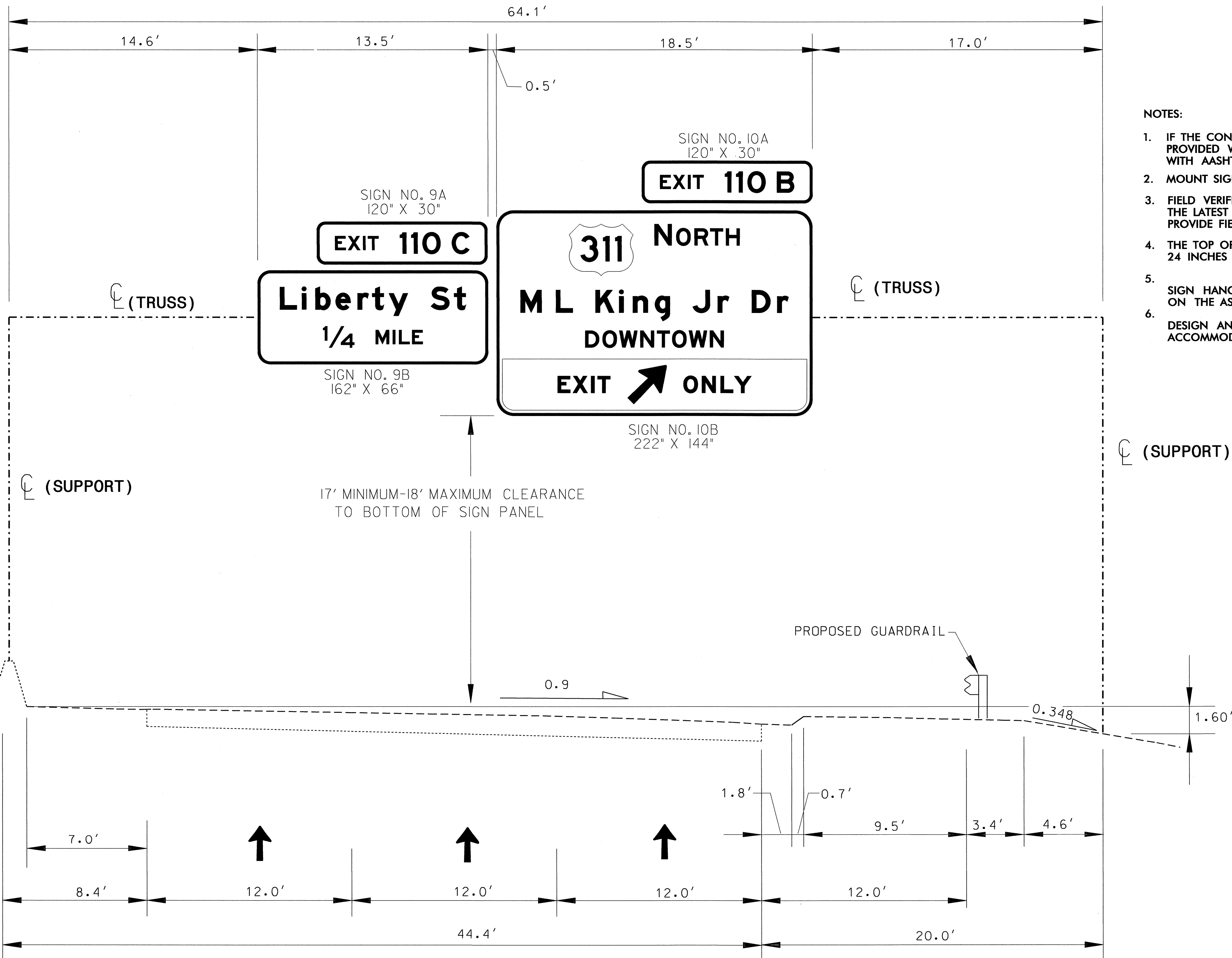
STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N.C.	U-2826B	SIGN-3D	
APPROVED: <i>R.W.K.</i>			
DATE: 4/5/11			
SEAL			



- 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 90 M.P.H.

OVERHEAD SIGN STRUCTURE "C"
AT STA. 86+00(SBL) -L-

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N. C.	U-2826B	SIGN-3E	
APPROVED: <i>RWK</i>			
DATE: 1/5/11			
SEAL			
			



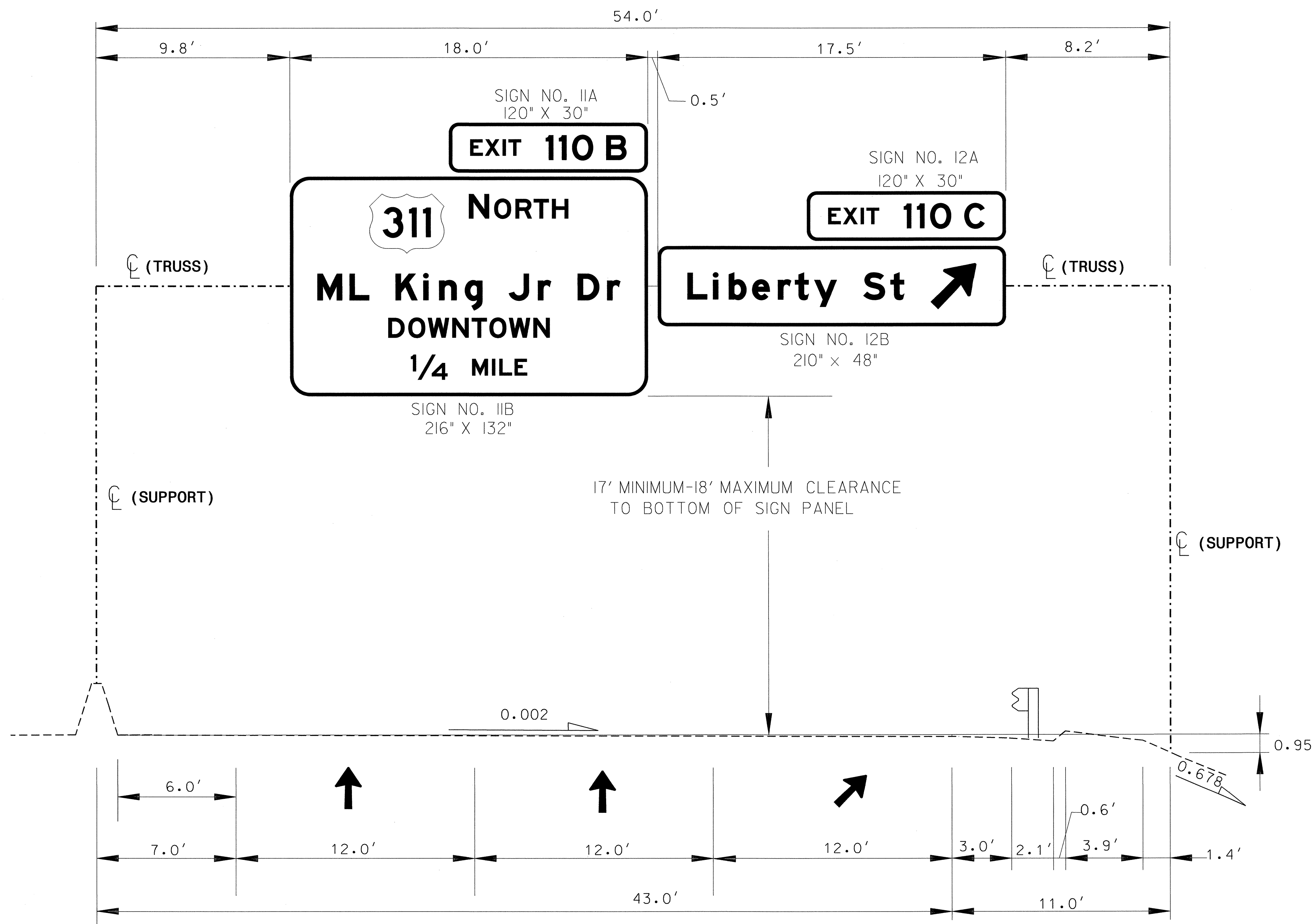
- NOTES:
1. IF THE CONTRACTOR BIDS ALUMINUM SIGN STRUCTURE, EACH SHALL BE PROVIDED WITH AN APPROVED HIGHWAY TRUSS DAMPER DEVICE IN ACCORDANCE WITH AASHTO SPECIFICATIONS.
 2. MOUNT SIGNS VERTICALLY CENTERED ON HORIZONTAL MEMBER OF STRUCTURE.
 3. FIELD VERIFICATION SHALL BE REQUIRED FOR ALL FOOTING ELEVATIONS, 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 90 M.P.H.

OVERHEAD SIGN STRUCTURE "D"
AT STA. 94+00(NBL) - L-

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N. C.	U-2826B	SIGN-3F	
APPROVED: <i>R. King</i>			
DATE: 1/5/11			
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 90 M.P.H.

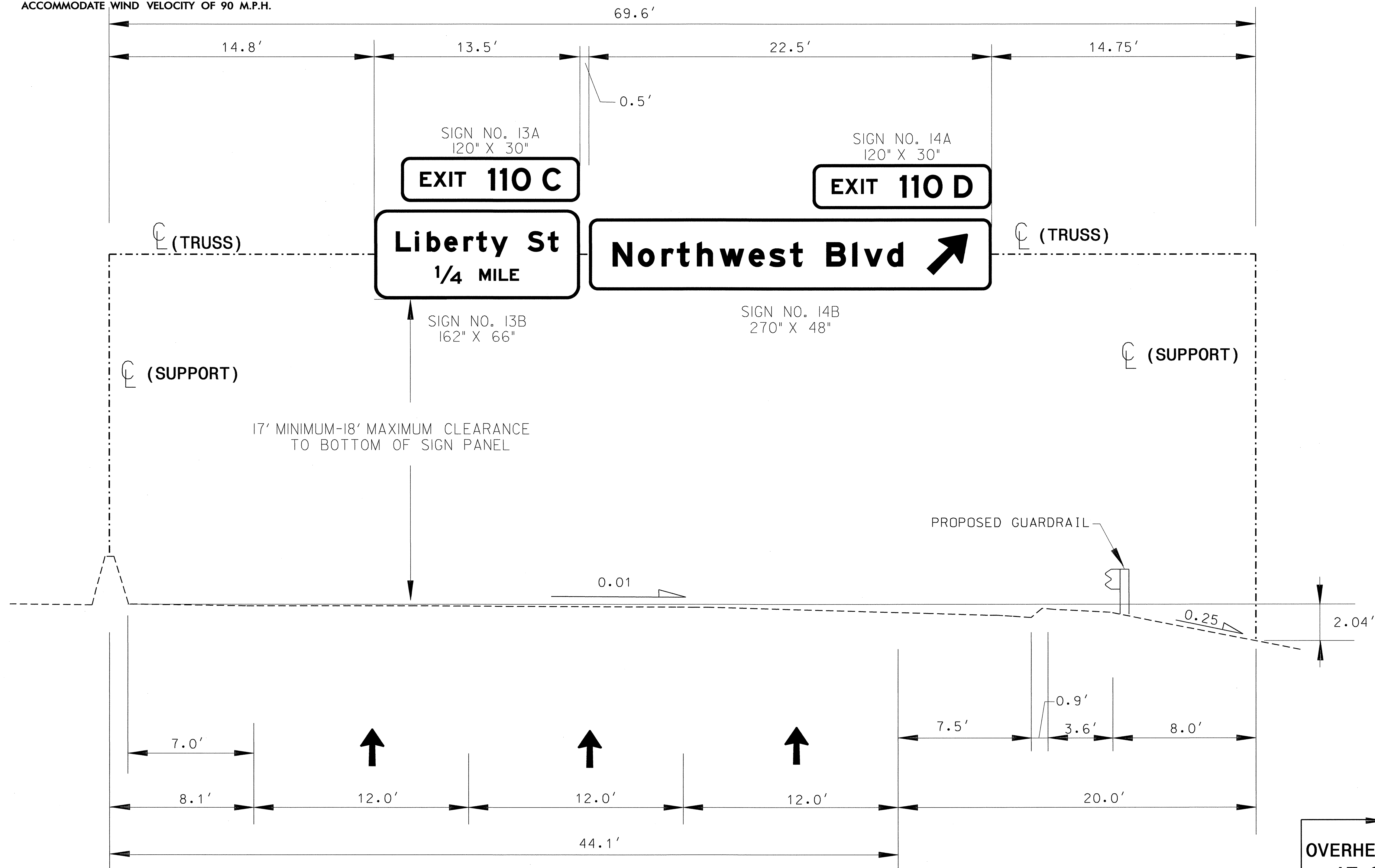


OVERHEAD SIGN STRUCTURE "E"
AT STA. 123+00(SBL) -L-

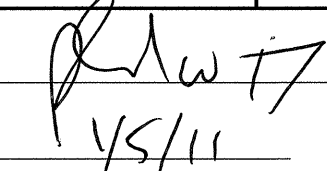

STATE	PROJECT NO.	SHEET NO.	TOTAL SHTS.
N. C.	U-2826B	SIGN-3G	
APPROVED: <i>R.W.K.</i>			
DATE: 1/5/11			
SEAL			

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 90 M.P.H.



**OVERHEAD SIGN STRUCTURE "F"
AT STA. 132+00(SBL) -L-**

TIP NO.	SHEET NO.
U-2826B	SIGN-4
APPROVED: 	
DATE: 1/5/11	
SEAL	
	

SIGN NUMBER: 1 BACKG COLOR: Green
 TYPE: A COPY COLOR: White

QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_4	34.5	47.6	36	36

SIGN WIDTH: 15'-0"
 HEIGHT: 8'-6"
 TOTAL AREA: 127.5 Sq.Ft.

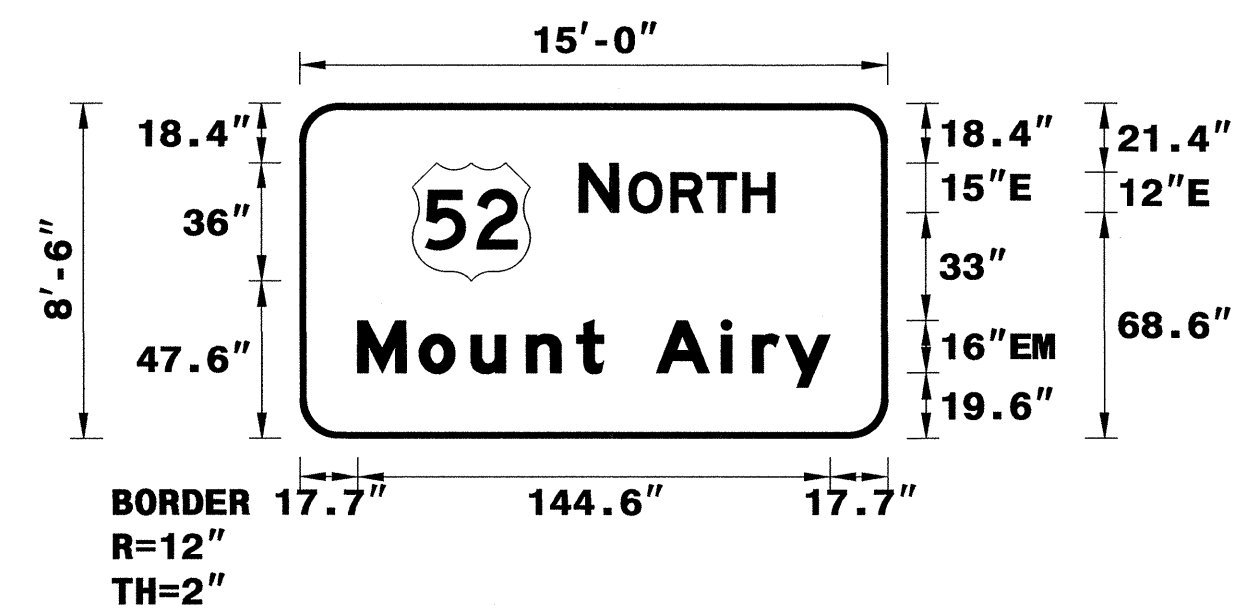
BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"

NO. Z BARS: 3 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 172.0

USE NOTES: 1,2,3

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

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Dec 20, 2010
 PROJECT ID: U-2826B DIV: 9



180" X 102"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
	N	O	R	T	H								Text Length
	85.5	12.2	3.1	12.8	11	11	9.7	34.5					E 2000
													59.9
	17.7	18.9	15.8	17	15.4	8.3	16	20	9.6	10.1	13.6	17.7	EM 2000
													144.6

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 2B BACKG COLOR: Green
 TYPE: A COPY COLOR: White

QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_3	28.2	111.8	36	36
M1_4	87.5	111.8	45	36
ARMED	154.6	79.3	22.4	35.3
M1_4	23.4	38.2	45	36
M1-5-3-36-12D	97.2	38.2	36	36

SIGN WIDTH: 16'-6"
 HEIGHT: 15'-6"
 TOTAL AREA: 255.8 Sq.Ft.

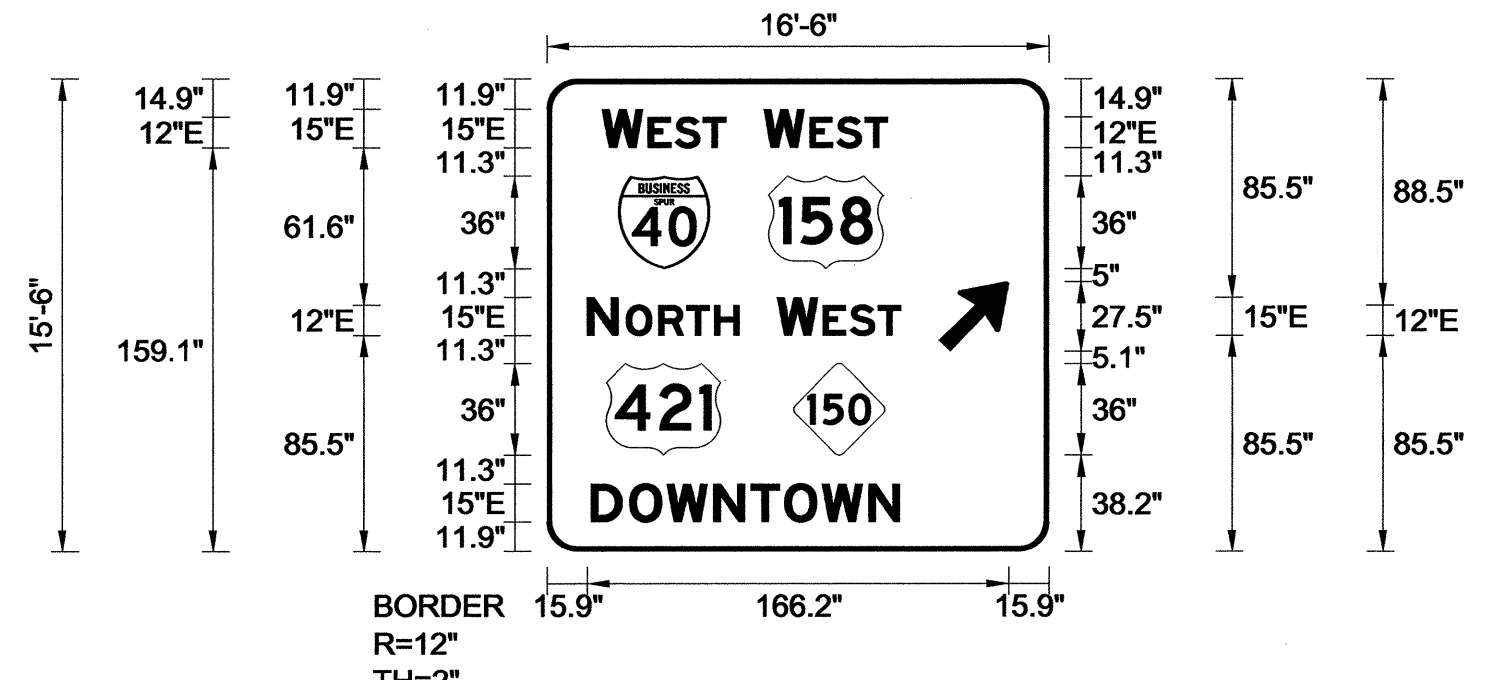
BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"

NO. Z BARS: 6 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 190.0

USE NOTES: 1,2,3

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

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Jan 04, 2011
 PROJECT ID: U-2826B DIV: 9



198" X 186"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
	W	E	S	T									Text Length
	21.8	15.9	2.2	10.7	11	9	127.4						E 2000
													48.8
	85.6	15.9	2.2	10.7	11	9	63.6						E 2000
													48.8
	15.9	12.2	3.1	12.8	11	11	9.7	122.2					E 2000
													59.9
	90.8	15.9	2.2	10.7	11	9	58.4						E 2000
													48.8
	17.5	15.1	14.7	18.5	14.7	13.3	14.7	18.5	12.2	58.9			E 2000
													121.7

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 2A, 4A, 8A BACKG COLOR: Green
 TYPE: B COPY COLOR: White

QUANTITY: 3

SYMBOL	X	Y	WID	HT

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

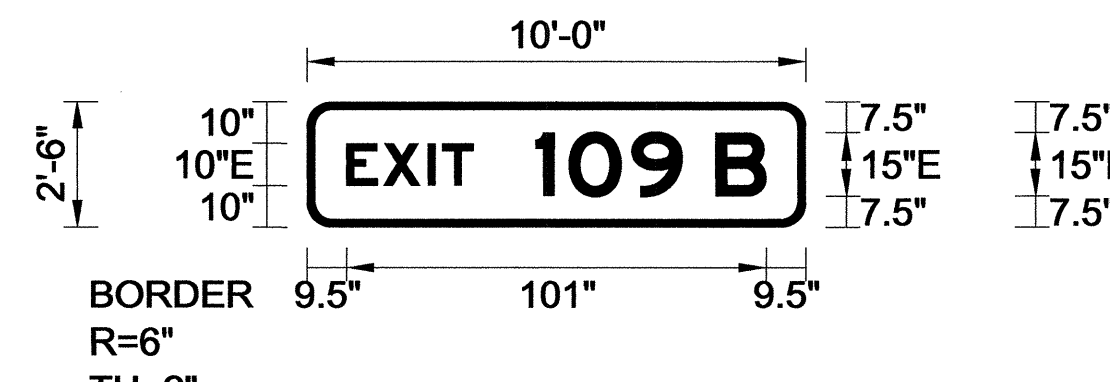
BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 6"

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

USE NOTES: 1, 2

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

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Aug 09, 2010
 PROJECT ID: U-2826B DIV: 9



120" X 30"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter													Series/Size
	E	X	I	T	1	0	9	B					Text Length
	9.5	8.9	10.7	3.5	7.5	15	7.9	15.2	12.2	8	12.2	9.5	E 2000
													101

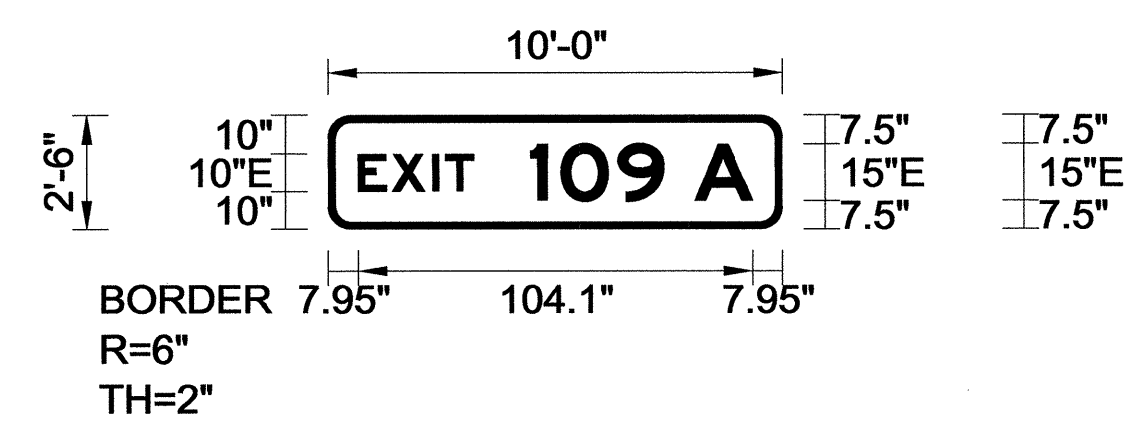
FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "A" & "B" SIGNS (OVERHEAD)

04-JAN-2011 14:27 U:\2826B\Traffic\Signing\CADD\Signing Layout Plans\Signing\ProposedSigns.dgn
 P:\IT\Projects\U-2826B\Signing\AT LEZ\254

SIGN NUMBER: 3A,7A
 TYPE: B
 QUANTITY: 2
 SIGN WIDTH: 10'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 25.0 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 6"
 NO. Z BARS: 2
 LENGTH: 112.0
 BACKG COLOR: Green
 COPY COLOR: White
 SYMBOL X Y WID HT
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Nov 30, 2010
 PROJECT ID: U-2826B DIV: 9



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

120" X 30"

Spacing Factor is 1 unless specified otherwise

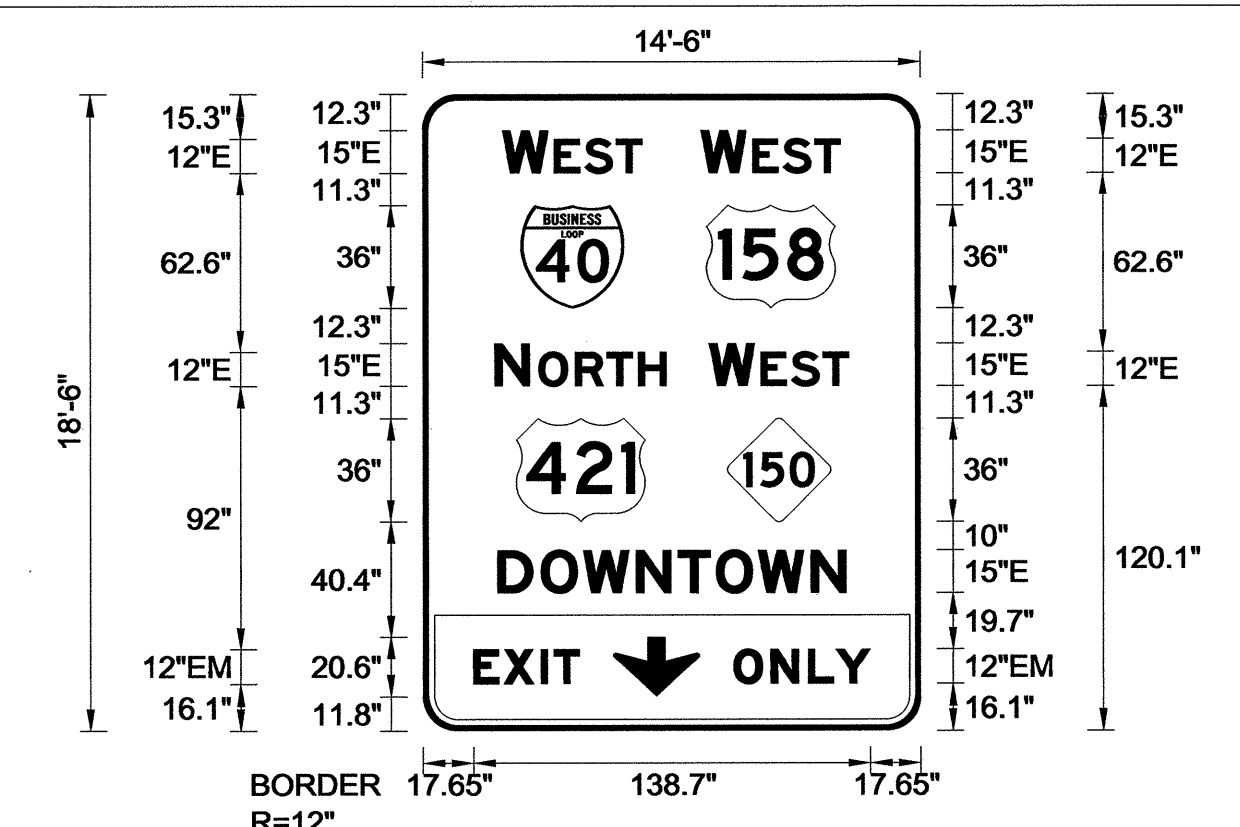
LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size		
	E	X	I	T	1	0	9	A			Text Length		
	7.9	8.9	10.7	3.5	7.5	15	8	15.2	12.2	8	15.3	7.9	E 2000
													104.2

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 4B
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 14'-6"
 HEIGHT: 18'-6"
 TOTAL AREA: 268.3 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 6
 LENGTH: 166.0
 BACKG COLOR: Green
 COPY COLOR: White
 SYMBOL X Y WID HT
 M1_2 34.3 147.4 36 36
 M1_4 99.2 147.4 45 36
 M1_4 32.6 72.7 45 36
 M1-5-3-36-12D 106.5 72.7 36 36
 ARDOWN 66.6 11.7 30 20.6
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Dec 20, 2010
 PROJECT ID: U-2826B DIV: 9



USE NOTES: 1,2,3,4
 1. Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
 2. Background shall be Grade C reflective sheeting.
 3. Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.
 4. Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 166" X 36" Yellow panel has radius of 8".

174" X 222"

Spacing Factor is 1 unless specified otherwise

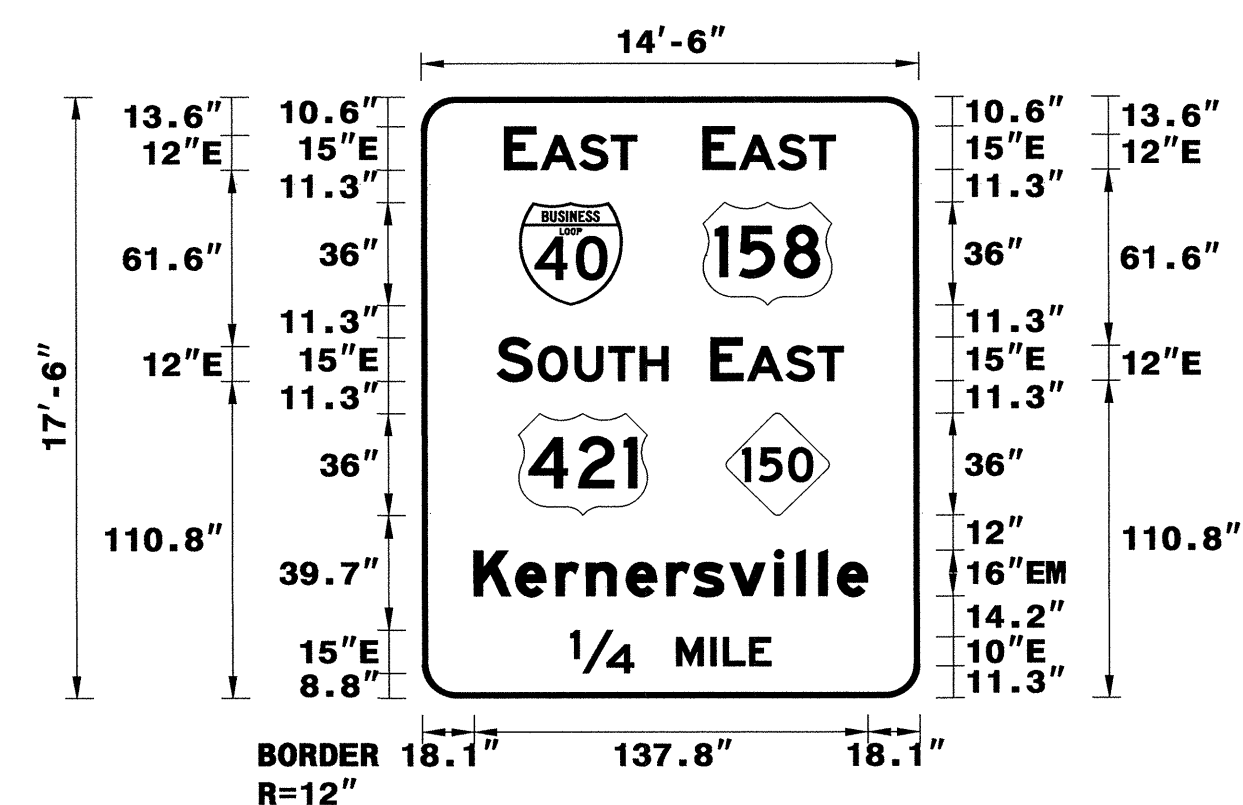
LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size
	W	E	S	T							Text Length
	27.9	15.9	2.2	10.7	11	9	97.3				E 2000
											48.8
											E 2000
	97.3	15.9	2.2	10.7	11	9	27.9				48.8
											E 2000
											59.9
											E 2000
	100.1	15.9	2.2	10.7	11	9	25.1				48.8
											E 2000
											121.7
											E 2000
	17.6	10.6	13	4.6	8.9	119.4					37
											EM 2000
											47.8

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 3B
 TYPE: A
 QUANTITY: 1
 SIGN WIDTH: 14'-6"
 HEIGHT: 17'-6"
 TOTAL AREA: 253.8 Sq.Ft.
 BORDER TYPE: FLUSH
 RECESS: 0"
 WIDTH: 2"
 RADII: 12"
 NO. Z BARS: 6
 LENGTH: 166.0
 BACKG COLOR: Green
 COPY COLOR: White
 SYMBOL X Y WID HT
 M1_2 34.3 137.1 36 36
 M1_4 98.5 137.1 45 36
 M1_4 33.8 63.5 45 36
 M1-5-3-36-12D 106.4 63.5 36 36
 MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Dec 20, 2010
 PROJECT ID: U-2826B DIV: 9



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

174" X 210" TH=2"


Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter											Series/Size			
	E	A	S	T							Text Length			
	29.1	11.3	1.5	13.6	11	9	98.5				E 2000			
											46.4			
											E 2000			
	98.5	11.3	1.5	13.6	11	9	29.1				46.4			
											E 2000			
											59.8			
											E 2000			
	101.2	11.3	1.5	13.6	11	9	26.4				46.4			
											E 2000			
											137.8			
											EM 2000			
	18.1	14.6	14	10.7	14	14	9.5	12.8	15.6	7.7	7.7	6.7	10.6	18.1
											E 2000			
											70.1			

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "A" & "B" SIGNS (OVERHEAD)

TIP NO. U-2826B	SHEET NO. SIGN-4C
APPROVED: <i>[Signature]</i>	
DATE: 1/5/11	
SEAL	
	

SIGN NUMBER: 7B BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_2	35	137.1	36	36
M1_4	99.2	137.1	45	36
M1_4	33.8	63.5	45	36
M1-5-3-36-12D	106.4	63.5	36	36

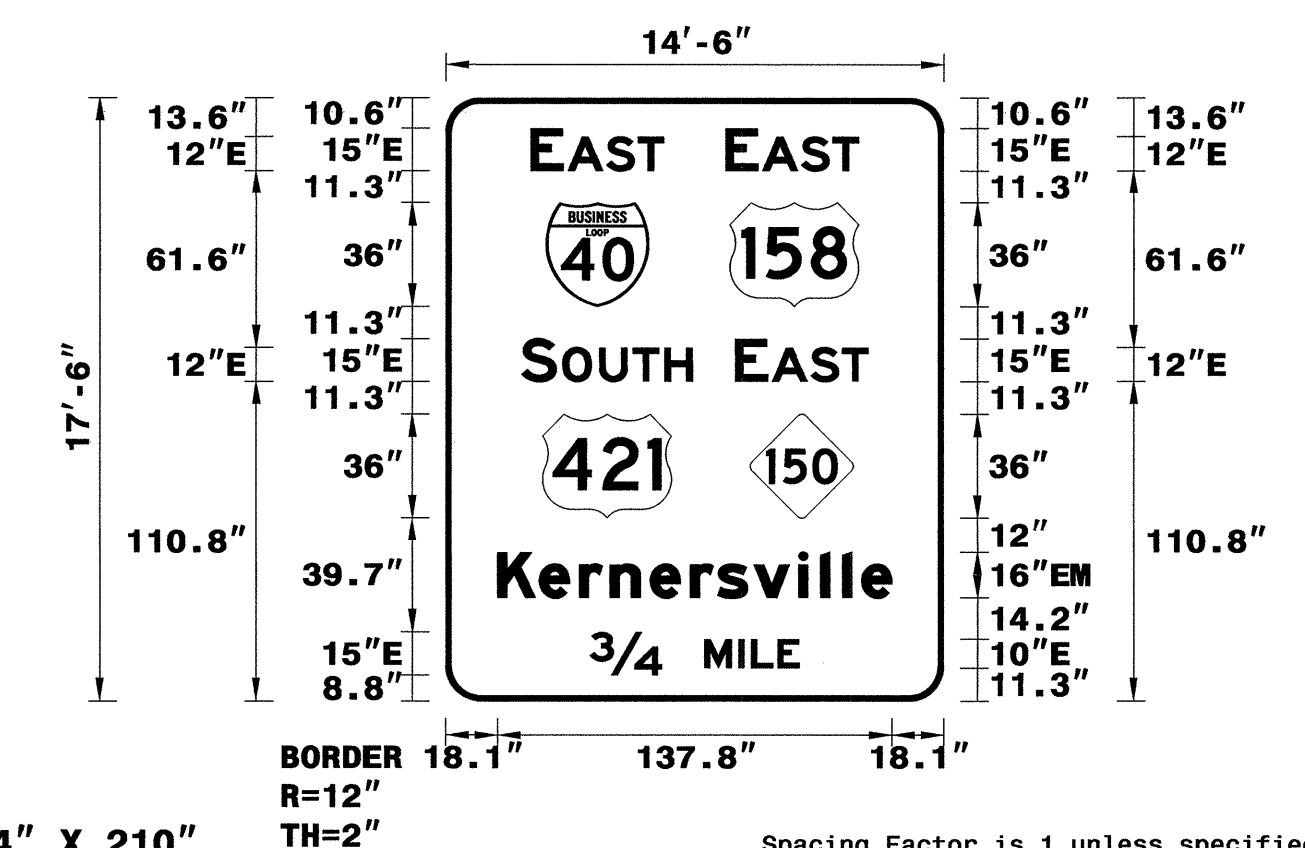
SIGN WIDTH: 14'-6"
 HEIGHT: 17'-6"
 TOTAL AREA: 253.8 Sq.Ft.

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

NO. Z BARS: 6
 LENGTH: 166.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Dec 20, 2010
 PROJECT ID: U-2826B DIV: 9



174" X 210"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text	Length
E 2000	E	29.8
A 2000	A	11.3
S 2000	S	11.3
T 2000	T	9.7
U 2000	U	29.8
O 2000	O	26.4
H 2000	H	12.2
E 2000	E	101.2
EM 2000	K e r n e r s v i l l e	18.1
E 2000	3/4	50.5
E 2000	M I L E	50.5

FILENAME: ProposedSigns

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 8B BACKG COLOR: Green
 TYPE: A COPY COLOR: White
 QUANTITY: 1

SYMBOL	X	Y	WID	HT
M1_2	34.3	175.5	36	36
M1_4	99.2	175.5	45	36
M1_4	32.6	101.9	45	36
M1-5-3-36-12D	106.5	101.9	36	36
ARDDOWN	66.6	11.7	30	20.6

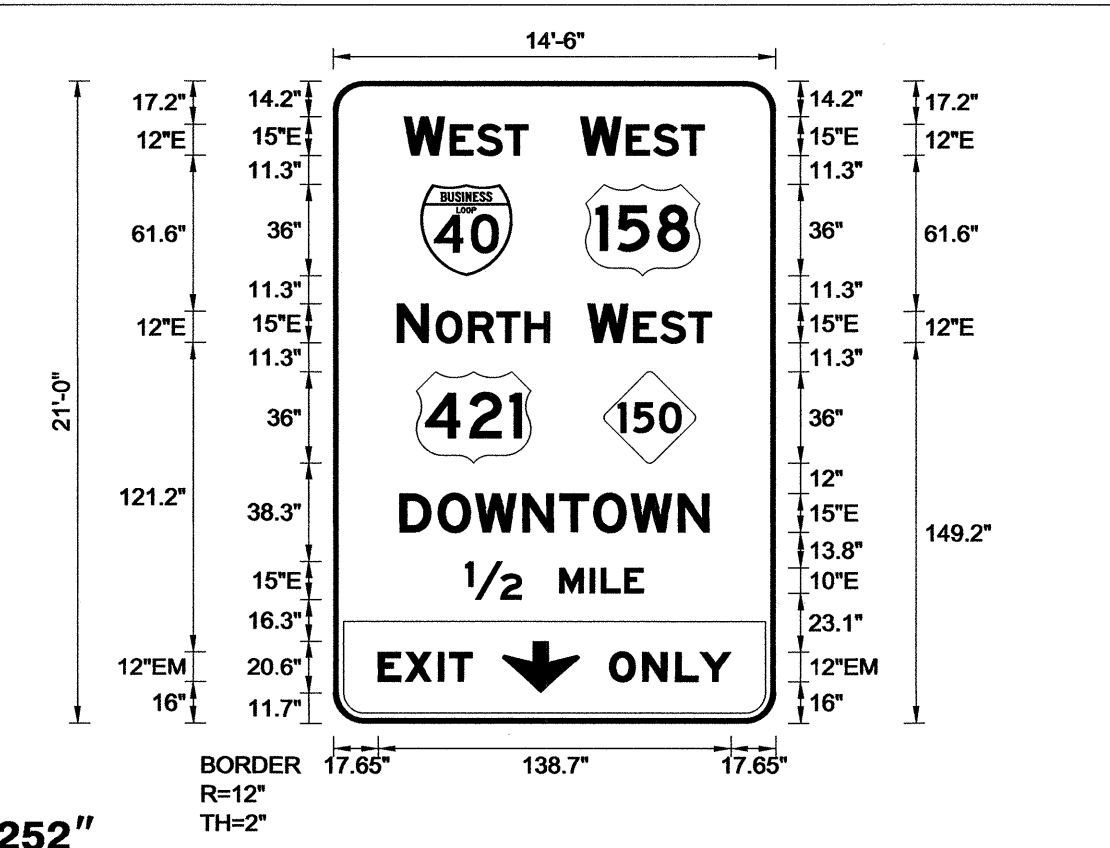
SIGN WIDTH: 14'-6"
 HEIGHT: 21'-0"
 TOTAL AREA: 304.5 Sq.Ft.

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

NO. Z BARS: 6
 LENGTH: 166.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Dec 20, 2010
 PROJECT ID: U-2826B DIV: 9



174" X 252"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text	Length
E 2000	W	27.9
E 2000	E	15.9
E 2000	S	10.7
E 2000	T	11.9
E 2000	N	97.3
E 2000	W	97.3
E 2000	E	15.9
E 2000	S	10.7
E 2000	T	11.9
E 2000	O	25.1
E 2000	R	12.2
E 2000	H	12.8
E 2000	W	25.1
E 2000	E	100.1
E 2000	S	15.9
E 2000	T	10.7
E 2000	O	26.2
E 2000	W	15.1
E 2000	N	14.7
E 2000	T	14.7
E 2000	O	13.4
E 2000	W	14.7
E 2000	N	18.5
E 2000	1/2	12.2
E 2000	M	26.2
E 2000	I	15.1
E 2000	L	14.7
E 2000	E	12.2
EM 2000	E X I T	17.6
EM 2000	O N L Y	108.6

SIGN NUMBER: 9A, 12A, 13A BACKG COLOR: Green
 TYPE: B COPY COLOR: White
 QUANTITY: 3

SYMBOL	X	Y	WID	HT

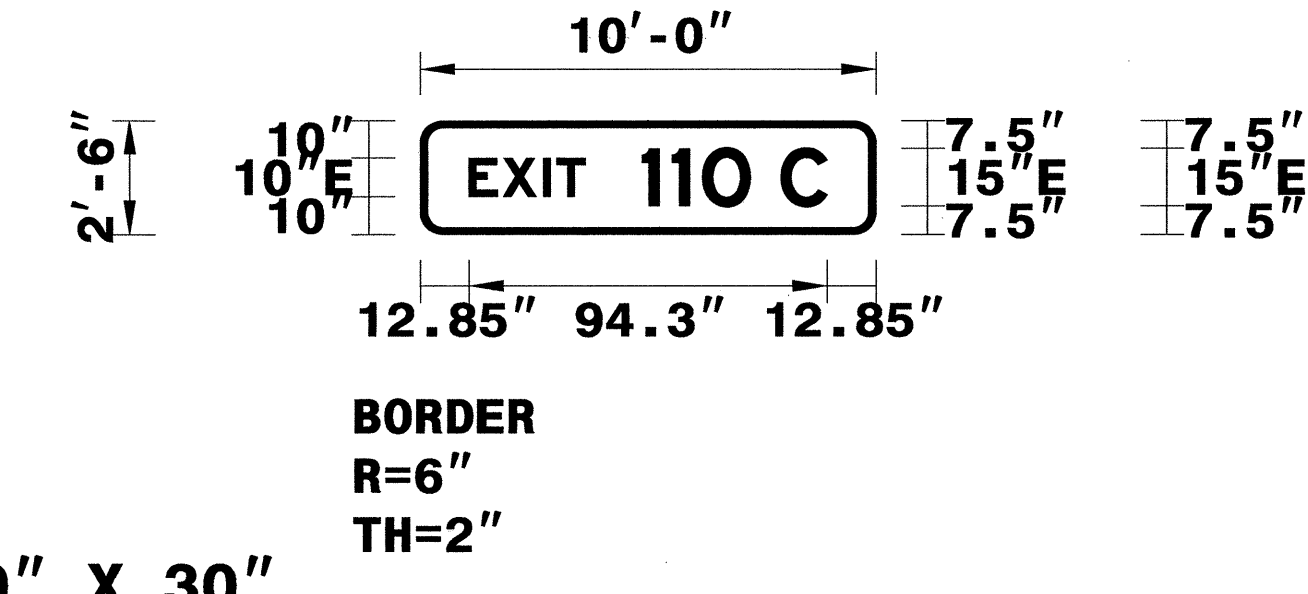
SIGN WIDTH: 10'-0"
 HEIGHT: 2'-6"
 TOTAL AREA: 25.0 Sq.Ft.

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

NO. Z BARS: 2
 LENGTH: 112.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Aug 10, 2010
 PROJECT ID: U-2826B DIV: 9



120" X 30"

Spacing Factor is 1 unless specified otherwise

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text	Length
E 2000	E	12.9
E 2000	X	8.9
E 2000	I	10.7
E 2000	T	3.5
E 2000	1	7.5
E 2000	1	15
E 2000	0	7.9
E 2000	C	7.9
E 2000		12.6
E 2000		8
E 2000		12.2
E 2000		12.9

FILENAME: ProposedSigns

NORTH CAROLINA D.O.T. SIGN DETAIL

**TYPE "A" & "B" SIGNS
(OVERHEAD)**

04-JAN-2011 12:09 P:\TIP\Projects\U-2826B\Tr-off\c\Signing\CADD\Signing\Layout Plans\Signing\ProposedSigns.dgn
 rhennel AT 1E247534

TIP NO. U-2826B	SHEET NO. SIGN-4D
APPROVED: <i>R. W. King</i>	
DATE: 1/5/11	

SIGN NUMBER: **9B,13B** BACKG COLOR: Green
 TYPE: **A** COPY COLOR: White
 QUANTITY: **2**

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 13'-6"
 HEIGHT: 5'-6"
 TOTAL AREA: 74.3 Sq.Ft.

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

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

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Aug 10, 2010
 PROJECT ID: U-2826B DIV: 9

USE NOTES: 1,2

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	130.7
E 2000	70.1

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: **11B** BACKG COLOR: Green
 TYPE: **A** COPY COLOR: White
 QUANTITY: **1**

SYMBOL	X	Y	WID	HT
M1_4	48	85	45	36

SIGN WIDTH: 18'-0"
 HEIGHT: 11'-0"
 TOTAL AREA: 198.0 Sq.Ft.

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

NO. Z BARS: 3 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 208.0

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Dec 14, 2010
 PROJECT ID: U-2826B DIV: 9

USE NOTES: 1,2,3

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	59.9
EM 2000	180.9
E 2000	97.3
E 2000	70.1

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: **10B** BACKG COLOR: Green
 TYPE: **A** COPY COLOR: White
 QUANTITY: **1**

SYMBOL	X	Y	WID	HT
M1_4	51	98.5	45	36
ARMED	92	8.3	22.4	35.3

SIGN WIDTH: 18'-6"
 HEIGHT: 12'-0"
 TOTAL AREA: 222.0 Sq.Ft.

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

NO. Z BARS: 3 MAT'L: 0.125" (3.2 mm) ALUMINUM
 LENGTH: 214.0

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Dec 15, 2010
 PROJECT ID: U-2826B DIV: 9

USE NOTES: 1,2,3,4

- Legend and border(except those that are colored black) shall be direct applied Grade A sheeting.
- Background shall be Grade C reflective sheeting.
- Shields; A, B, and C type arrows shall be on 0.032" (0.8mm) aluminum and demountable.
- Bottom panel shall be yellow Grade C sheeting. Legend shall be direct applied black non-reflective sheeting. Yellow panel is: 214" X 36" Yellow panel has radius of 8".

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

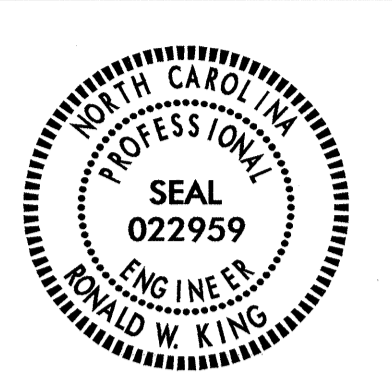
Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	59.9
EM 2000	188.4
E 2000	97.3
EM 2000	37
EM 2000	47.8

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

**TYPE "A" & "B" SIGNS
(OVERHEAD)**

04-JAN-2011 4:40 PM \\P:\Projects\U-2826B\Traffic\Signing\CADD\Signing Layout Plans\Signing\ProposedSigns.dgn
 User: R. W. King AT: 12/27/10

TIP NO. U-2826B	SHEET NO. SIGN-4E
APPROVED: <i>[Signature]</i>	
DATE: 1/5/11	
SEAL	
	

SIGN NUMBER: 12B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 17'-6"
HEIGHT: 4'-0"
TOTAL AREA: 70.0 Sq.Ft.

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
ARMED	164.6	10.3	22.4	35.3

DESIGN BY: SJOHNS
PROJECT ID: U-2826B
CHECKED BY: S. KINZ
DIV: 9
DATE: Nov 30, 2010

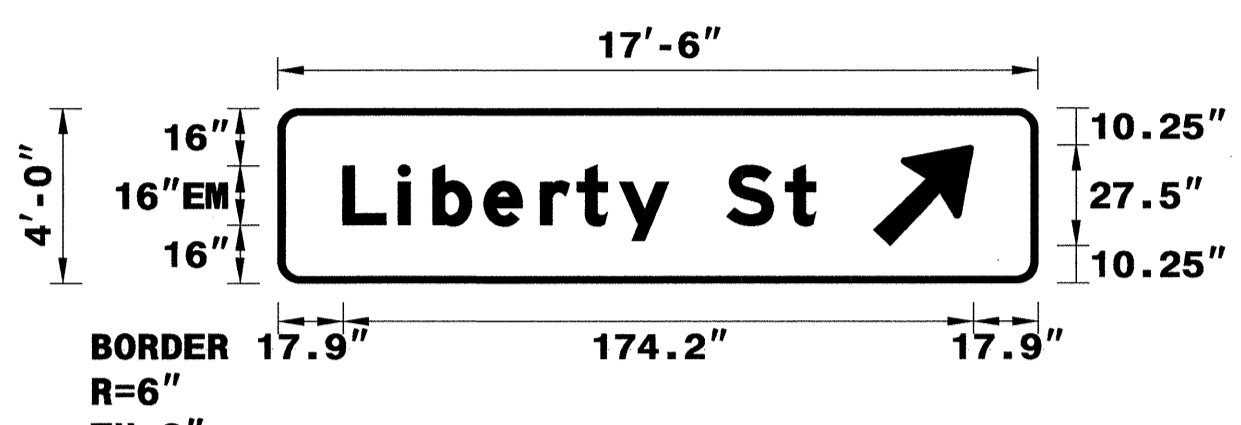
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2
LENGTH: 202.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2,3

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



210" X 48"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	L	i	b	e	r	t	y	S	t	Series/Size	Text Length
	17.9	15.4	9.6	14.1	15.5	10.2	11.7	13.6	16	EM 2000	130.7

FILENAME: ProposedSigns
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 14B
TYPE: A
QUANTITY: 1
SIGN WIDTH: 22'-6"
HEIGHT: 4'-0"
TOTAL AREA: 90.0 Sq.Ft.

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
ARMED	226.5	10.3	22.4	35.3

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B
CHECKED BY: S. KUNZ
DIV: 9
DATE: Dec 14, 2010

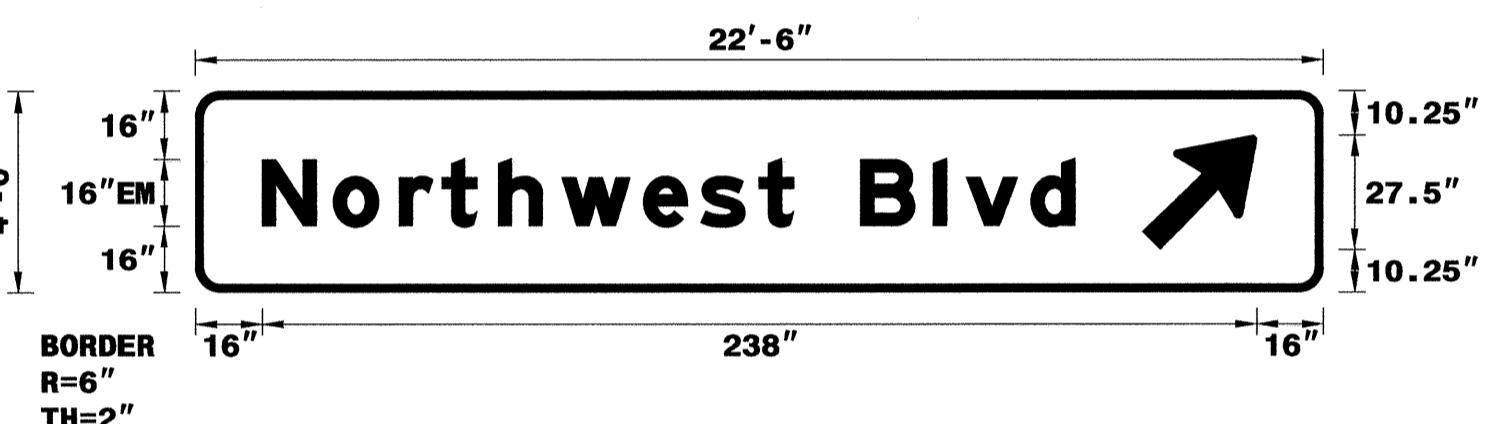
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2
LENGTH: 262.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1, 2, 3

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



270" X 48"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter	N	o	r	t	h	w	e	s	t	B	l	v	d	Series/Size	Text Length
	16	17	15.8	10.2	13.4	15.2	19.5	13.8	13.9	8.3	16	17.4	7.8	EM 2000	194.6

FILENAME: ProposedSigns
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 14A
TYPE: B
QUANTITY: 1
SIGN WIDTH: 10'-0"
HEIGHT: 2'-6"
TOTAL AREA: 25.0 Sq.Ft.

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B
CHECKED BY: S. KUNZ
DIV: 9
DATE: Aug 11, 2010

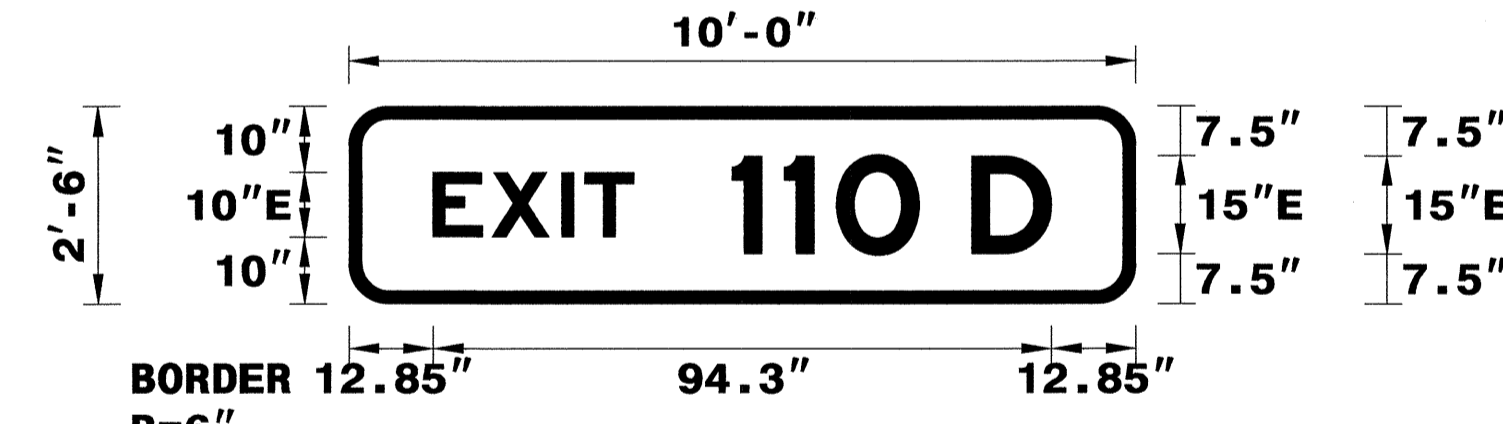
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2
LENGTH: 112.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1, 2

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



120" X 30"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter


Letter	E	X	I	T	1	1	0	D	Series/Size	Text Length
	12.9	8.9	10.7	3.5	7.5	15	8	8	EM 2000	94.3

FILENAME: ProposedSigns
NORTH CAROLINA D.O.T. SIGN DETAIL

**TYPE "A" & "B" SIGNS
(OVERHEAD)**

04-JAN-2011 12:10 P:\TIP\Projects\U2826B\Traffic\Signing\CADD\Signing Layout Plans\Signing\ProposedSigns.dgn rhennel AT 1E247534

TIP NO. U-2826B	SHEET NO. SIGN-4F
APPROVED: <i>[Signature]</i>	
DATE: 1/11	
SEAL	



SIGN NUMBER: 101
TYPE: A
QUANTITY: 1

BACKG COLOR: Blue/Blue
COPY COLOR: White

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B

CHECKED BY: S. KUNZ
DIV: 9

DATE: Dec 20, 2010

SYMBOL	X	Y	WID	HT

SIGN WIDTH: 11'-6"
HEIGHT: 7'-6"
TOTAL AREA: 86.3 Sq.Ft.

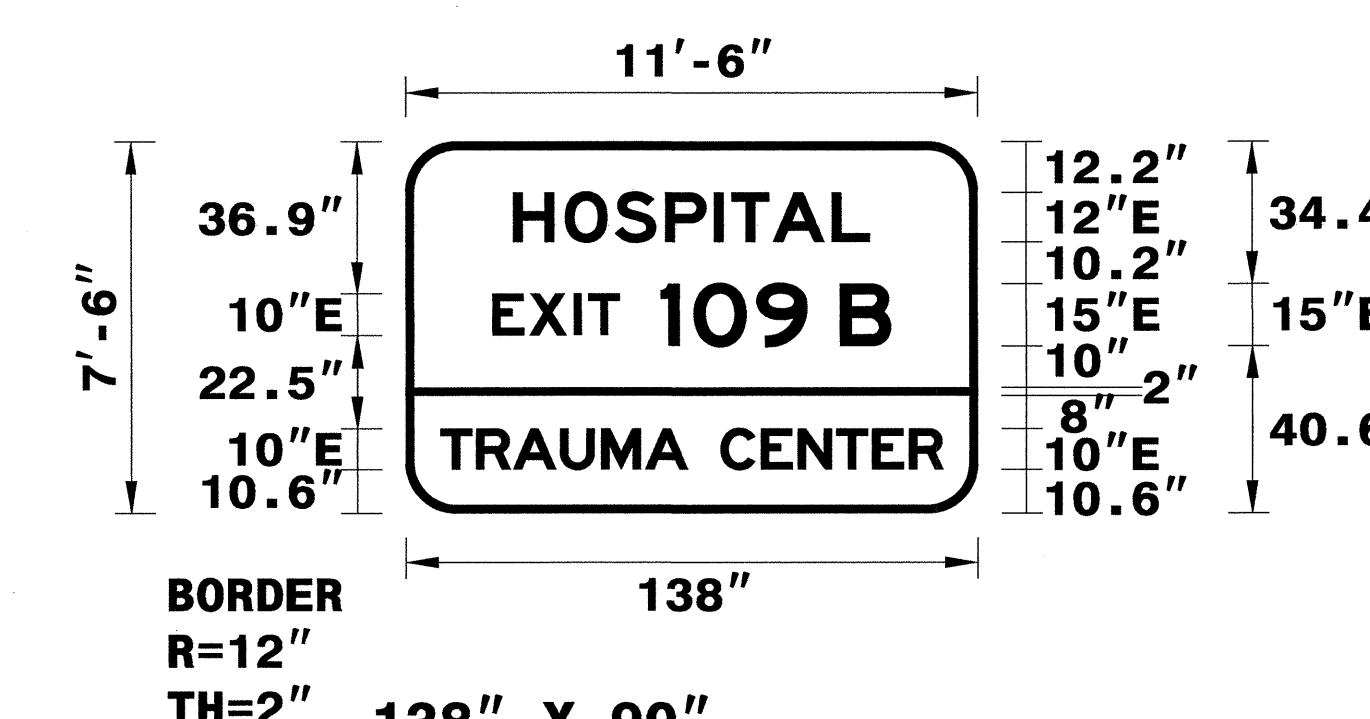
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 3
LENGTH: 130.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1, 2

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



BORDER R=12" TH=2" 138" X 90"

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	85.9
E 2000	96
E 2000	121.3

FILENAME: ProposedSigns

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 102B
TYPE: A
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B

CHECKED BY: S. KUNZ
DIV: 9

DATE: Dec 14, 2010

SYMBOL	X	Y	WID	HT
ARMED	61.3	11.3	22.4	35.3

SIGN WIDTH: 12'-6"
HEIGHT: 6'-6"
TOTAL AREA: 81.3 Sq.Ft.

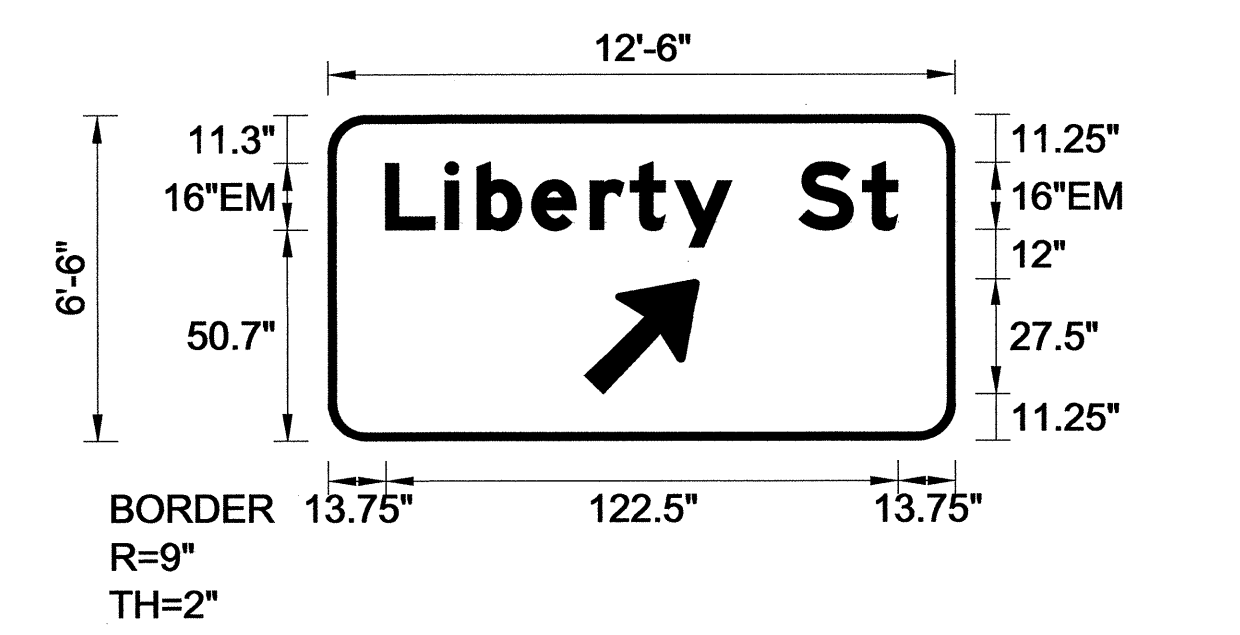
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"

NO. Z BARS: 2
LENGTH: 142.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2,3

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



BORDER R=9" TH=2" 150" X 78"

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	122.5

FILENAME: ProposedSigns

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 102A
TYPE: B
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B

CHECKED BY: S. KUNZ
DIV: 9

DATE: Dec 02, 2010

SYMBOL	X	Y	WID	HT

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

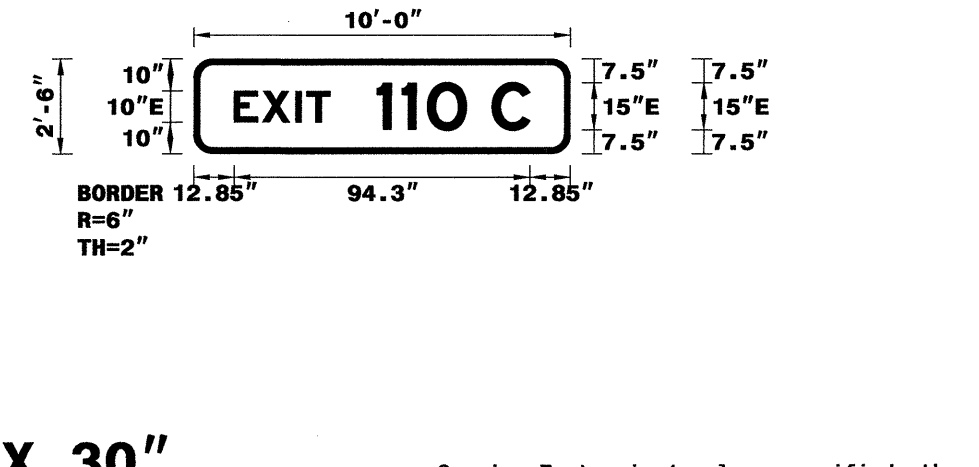
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2
LENGTH: 112.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

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



BORDER R=6" TH=2" 120" X 30"

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	94.3

FILENAME: ProposedSigns

NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 103A
TYPE: B
QUANTITY: 1

BACKG COLOR: Green
COPY COLOR: White

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B

CHECKED BY: S. KUNZ
DIV: 9

DATE: Dec 02, 2010

SYMBOL	X	Y	WID	HT

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

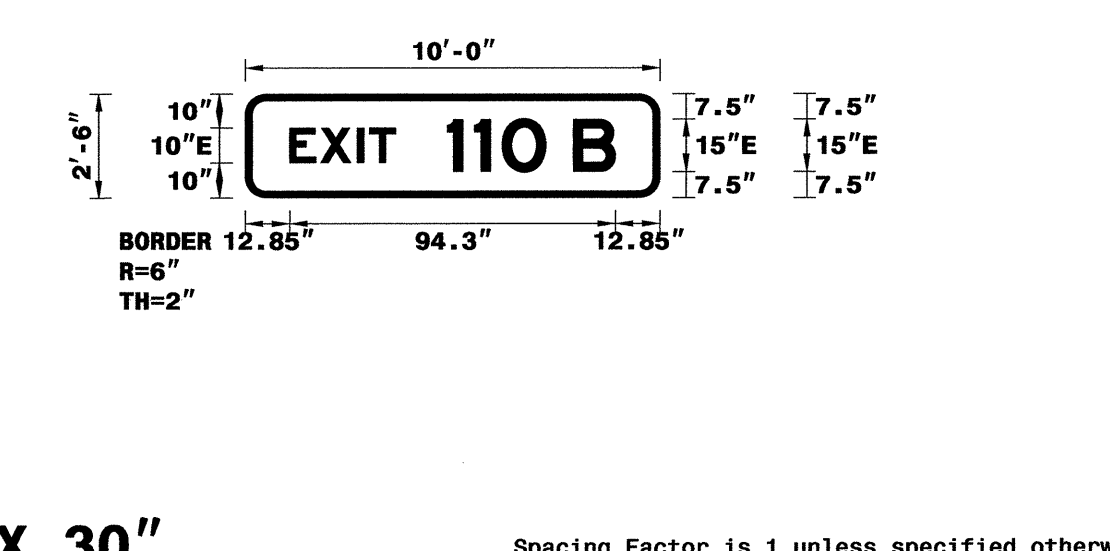
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 6"

NO. Z BARS: 2
LENGTH: 112.0

MAT'L: 0.125" (3.2 mm) ALUMINUM

USE NOTES: 1,2

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



BORDER R=6" TH=2" 120" X 30"

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	94.3

FILENAME: ProposedSigns

NORTH CAROLINA D.O.T. SIGN DETAIL

**TYPE "A" & "B" SIGNS
(GROUND MOUNTED)**

28-DEC-2010 14:43 P:\TIP\Projects\U-2826B\Traffic\Signing\CADD\Signing Layout Plans\Signing\ProposedSigns.dgn rhennin AT 12/27/10

APPROVED: [Signature] DATE: 1/5/11



SIGN NUMBER: 103B TYPE: **A** QUANTITY: **1**
 SIGN WIDTH: 18'-0" HEIGHT: 12'-0" TOTAL AREA: 216.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIUS: 12"
 NO. Z BARS: 3 LENGTH: 208.0

BACKG COLOR: Green COPY COLOR: White

SYMBOL	X	Y	WID	HT
M1_4	48	97.1	45	36
ARMED	94.3	10.1	22.4	35.3

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Dec 14, 2010
 PROJECT ID: U-2826B DIV: 9

216" X 144" Spacing Factor is 1 unless specified otherwise

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	59.9
EM 2000	180.9
E 2000	97.3

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 104B TYPE: **A** QUANTITY: **1**
 SIGN WIDTH: 19'-0" HEIGHT: 5'-6" TOTAL AREA: 104.5 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIUS: 9"
 NO. Z BARS: 2 LENGTH: 220.0

BACKG COLOR: Green COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Aug 24, 2010
 PROJECT ID: U-2826B DIV: 9

228" X 66" Spacing Factor is 1 unless specified otherwise

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
EM 2000	194.6
E 2000	70.1

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 104A TYPE: **B** QUANTITY: **1**
 SIGN WIDTH: 10'-0" HEIGHT: 2'-6" TOTAL AREA: 25.0 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 2" RADIUS: 6"
 NO. Z BARS: 2 LENGTH: 112.0

BACKG COLOR: Green COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS CHECKED BY: S. KUNZ DATE: Dec 02, 2010
 PROJECT ID: U-2826B DIV: 9

120" X 30" Spacing Factor is 1 unless specified otherwise

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
E 2000	94.3

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 105 TYPE: **A** QUANTITY: **1**
 SIGN WIDTH: 108" HEIGHT: 66" TOTAL AREA: 49.5 Sq.Ft.
 BORDER TYPE: FLUSH RECESS: 0" WIDTH: 0.75" RADIUS: 6"
 NO. Z BARS: 2 LENGTH: 100.0

BACKG COLOR: Green COPY COLOR: White

SYMBOL	X	Y	WID	HT
ARUP	30.4	54	6	9
ARUP	93.9	30	6	9
ARUP	75.4	6	6	9

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R. HENNEIN CHECKED BY: S. JOHNS DATE: Dec 22, 2010
 PROJECT ID: U-2826B DIV: 9

Spacing Factor is 1 unless specified otherwise

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

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	32.2
D 2000	82.7
D 2000	78.7
D 2000	45.8

FILENAME: Division 9 NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "A" & "B" SIGNS (GROUND MOUNTED)

28-DEC-2010 14:03 P:\TIP-projects\U-2826B-Traffic\Signing\CADD\Signing\Layout Plans\Signing\ProposedSigns.dgn Rhennein AT 12/27/10

TIP NO. U-2826B	SHEET NO. SIGN-4H
APPROVED: <i>[Signature]</i>	
DATE: 1/5/11	
SEAL	

SIGN NUMBER: 106,107
TYPE: A
QUANTITY: 2
SIGN WIDTH: 192"
HEIGHT: 114"
TOTAL AREA: 152.0 Sq.-Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 2"
RADII: 12"
NO. Z BARS: 3
LENGTH: 184.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R. HENNEIN
PROJECT ID: U-2826B
CHECKED BY: S.Johns
DIV: 9
DATE: Dec 20, 2010

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter													Series/Size Text Length
P	T	R	P										EM 2000
67.4	10.8	5	9.8	5	10.8	5	10.8	67.4					57.2
C	O	N	V	E	N	T	I	O	N	C	T	R	EM 2000
15.1	13.3	13.2	12.6	12.9	12.9	12.8	11.2	6.8	13.2	8.8	13.3	13.2	161.9
B	U	S	S	T	A	T	I	O	N				EM 2000
33.3	14.5	12.6	8.8	13.3	13.6	10	12.8	11.2	6.8	13.2	8.8	33.3	125.4
E	X	I	T										E 2000
48.9	8.9	10.7	3.5	7.5	15	8	7.9	12.6	8	12.2	48.9		94.3

FILENAME: Division 9
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 203
TYPE: A
QUANTITY: 1
SIGN WIDTH: 72"
HEIGHT: 60"
TOTAL AREA: 30.0 Sq.-Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 8"
NO. Z BARS: 2
LENGTH: 64.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
ARMED	41.5	6	18.8	29.5

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: R. HENNEIN
PROJECT ID: U-2826B
CHECKED BY: S.Johns
DIV: 9
DATE: Dec 21, 2010

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter						Series/Size Text Length
E	X	I	T			EM 2000
17.5	10.6	13	4.6	8.9	17.5	37
						D 2000
						28.4

FILENAME: ProposedSigns
NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 201,202
TYPE: A
QUANTITY: 2
SIGN WIDTH: 5'-0"
HEIGHT: 5'-0"
TOTAL AREA: 25.0 Sq.-Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1.5"
RADII: 8"
NO. Z BARS: 2
LENGTH: 52.0

BACKG COLOR: Green
COPY COLOR: White

SYMBOL	X	Y	WID	HT
ARMED	18.5	6	18.8	29.5

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B
CHECKED BY: S. KUNZ
DIV: 9
DATE: Jan 04, 2011

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

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Letter spacings are to start of next letter						Series/Size Text Length
E	X	I	T			EM 2000
11.5	10.6	13	4.6	8.9	11.5	37

FILENAME: ProposedSigns
NORTH CAROLINA D.O.T. SIGN DETAIL

**TYPE "A" & "B" SIGNS
(GROUND MOUNTED)**

04-JAN-2011 4:20 P:\TIP\Projects\U-2826B\Traffic\Signing\CADD\Signing\Layout\Plans\Signing\ProposedSigns.dgn R:\HENNEIN AT 12247594

TIP NO. U-2826B	SHEET NO. SIGN-4I
APPROVED: <i>RWT</i>	DATE: 1/5/11

SIGN NUMBER: 301
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-0"
TOTAL AREA: 13.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS: LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
ARUP 6 9 6 9
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B
CHECKED BY: S. KUNZ
DIV: 9
DATE: Dec 20, 2010

78" X 24" Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	41.4
D 2000	50.9

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 303
TYPE: D
QUANTITY: 1
SIGN WIDTH: 6'-6"
HEIGHT: 2'-0"
TOTAL AREA: 13.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS: LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
ARUP 63 9 6 9
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B
CHECKED BY: S. KUNZ
DIV: 9
DATE: Dec 20, 2010

78" X 24" Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	41.4
D 2000	50.9

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 302
TYPE: D
QUANTITY: 1
SIGN WIDTH: 7'-6"
HEIGHT: 2'-0"
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS: LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
ARUP 5.6 9 6 9
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B
CHECKED BY: S. KUNZ
DIV: 9
DATE: Dec 23, 2010

90" X 24" Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	23.5
D 2000	63.7

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 304
TYPE: D
QUANTITY: 1
SIGN WIDTH: 7'-6"
HEIGHT: 2'-0"
TOTAL AREA: 15.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS: LENGTH:

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
ARUP 75.4 9 6 9
MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B
CHECKED BY: S. KUNZ
DIV: 9
DATE: Dec 23, 2010

90" X 24" Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

Series/Size	Text Length
D 2000	23.5
D 2000	63.7

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

04-JAN-2011 14:23
 P:\TIP\Projec\U-2826B\Traffic\Signing\CADD\Signing\Layout\Plans\Signing\ProposedSigns.dgn
 mmmn AT 12/24/10

TYPE "D" SIGNS

TIP NO. U-2826B	SHEET NO. SIGN-4J
APPROVED: <i>[Signature]</i>	
DATE: 1/5/11	
SEAL	

SIGN NUMBER: 305
TYPE: D
QUANTITY: 1
SIGN WIDTH: 8'-6"
HEIGHT: 2'-0"
TOTAL AREA: 17.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: _____
LENGTH: _____

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
ARUP 82.3 8 8 12

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B
CHECKED BY: S. KUNZ
DIV: 9
DATE: Dec 21, 2010

102" X 24"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	K	E	R	N	E	R	S	V	I	L	L	E		Series/Size Text Length	
	7.7	6.6	5.9	6.4	6.8	5.9	6	5.9	6.9	2.6	5.8	5.8	5	24.8	D 2000 69.5

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 307
TYPE: D
QUANTITY: 1
SIGN WIDTH: 8'-6"
HEIGHT: 2'-0"
TOTAL AREA: 17.0 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 1"
RADII: 3"
NO. Z BARS: _____
LENGTH: _____

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
ARUP 6.2 8 8 12

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS
PROJECT ID: U-2826B
CHECKED BY: S. KUNZ
DIV: 9
DATE: Dec 21, 2010

102" X 24"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

Letter spacings are to start of next letter

	K	E	R	N	E	R	S	V	I	L	L	E		Series/Size Text Length	
	26.2	6.6	5.9	6.4	6.8	5.9	6	5.9	6.9	2.6	5.8	5.8	5	6.2	D 2000 69.5

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

SIGN NUMBER: 306
TYPE: D
QUANTITY: 1
SIGN WIDTH: 5'-0"
HEIGHT: 1'-6"
TOTAL AREA: 7.5 Sq.Ft.
BORDER TYPE: FLUSH
RECESS: 0"
WIDTH: 0.75"
RADII: 3"
NO. Z BARS: _____
LENGTH: _____

BACKG COLOR: Green
COPY COLOR: White
SYMBOL X Y WID HT
ARUP 6.2 6 6 9

MAT'L: 0.125" (3.2 mm) ALUMINUM

DESIGN BY: S. JOHNS
PROJECT ID: U-2816B
CHECKED BY: S. KUNZ
DIV: 9
DATE: Dec 23, 2010

60" X 18"

Spacing Factor is 1 unless specified otherwise

LETTER POSITIONS

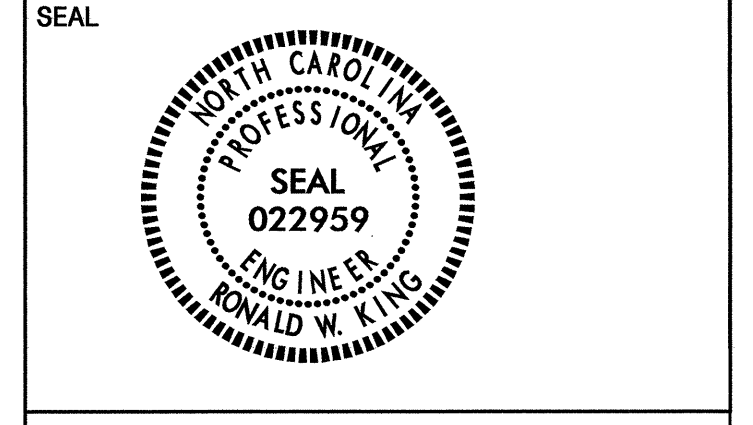
Letter spacings are to start of next letter

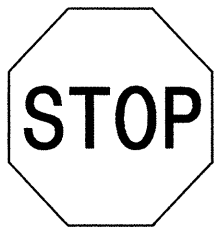
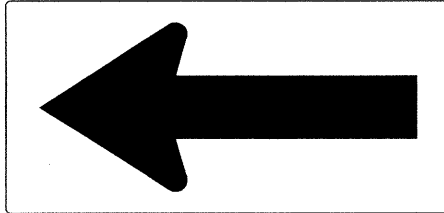
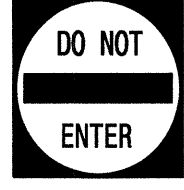
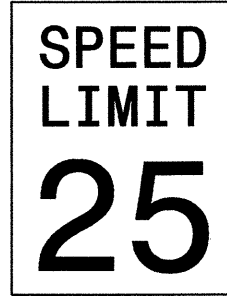
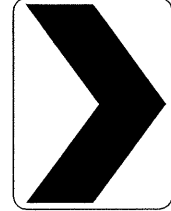

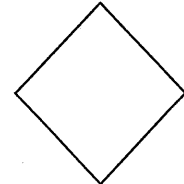
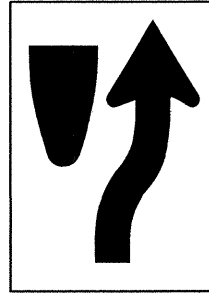
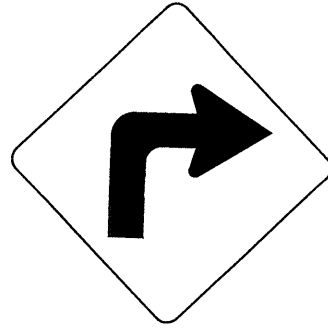



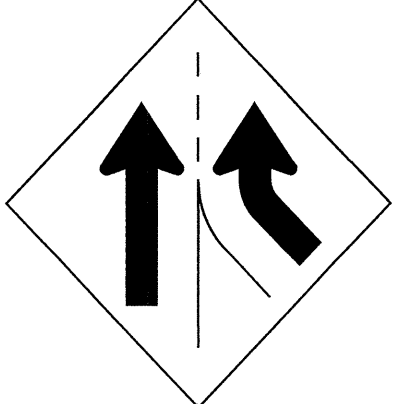

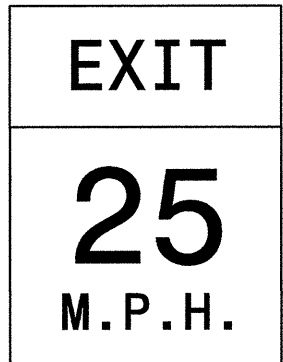



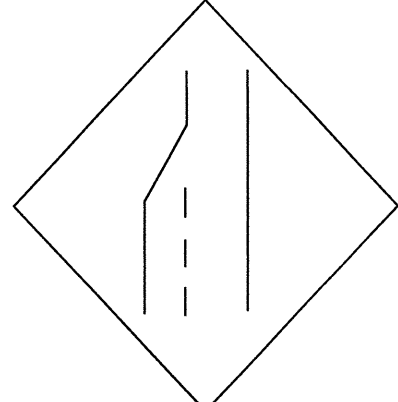
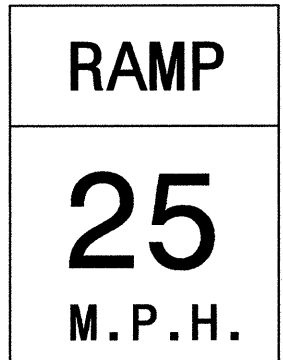
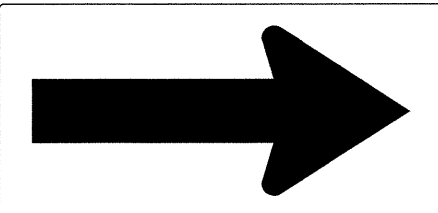

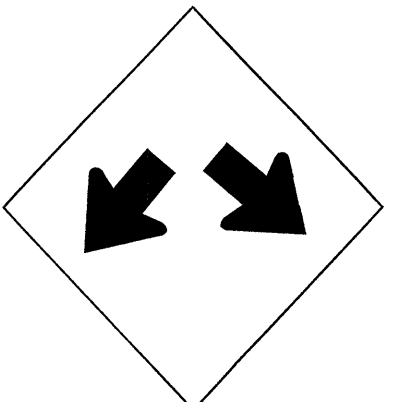
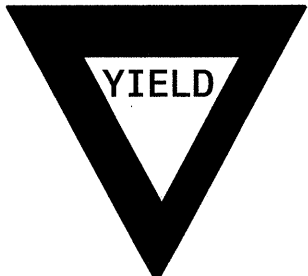
	S	T	A	D	I	U	M		Series/Size Text Length	
	21.2	4.6	4.1	6	5.4	2.4	5.5	4.7	6.2	D 2000 32.6

FILENAME: ProposedSigns NORTH CAROLINA D.O.T. SIGN DETAIL

TYPE "D" SIGNS

28-DEC-2010 13:36 P:\TIP-Projects\U-2826B\Traffic\Signing\CADD\Signing Layout Plans\Signing\ProposedSigns.dgn rhennein AT 12/24/2010

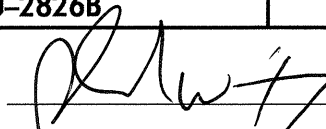



<p>401 QUANTITY REQ'D 23</p>  <p>36 X 36 R1-1</p> <p>MOUNT BELOW SIGN 409 IN 10 INSTALLATIONS</p> <p>OTHER INSTALLATIONS ONE "U" POST PER SIGN</p>	<p>406 QUANTITY REQ'D 2</p>  <p>48 X 24 W1-6L</p> <p>TWO "U" POSTS PER SIGN</p>	<p>411 QUANTITY REQ'D 6</p>  <p>36 X 36 R5-1</p> <p>ONE "U" POST PER SIGN</p>	<p>416 QUANTITY REQ'D 1</p>  <p>30 X 36 R2-1</p> <p>ONE "U" POST PER SIGN</p>	<p>421 QUANTITY REQ'D 8</p>  <p>18 X 24 W1-8R</p> <p>ONE "U" POST PER SIGN</p>	
<p>402 QUANTITY REQ'D 3</p>  <p>36 X 36 W14-2</p> <p>ONE "U" POST PER SIGN</p>	<p>407 QUANTITY REQ'D 16</p>  <p>18 X 18 OM4-3</p> <p>ONE "U" POST PER SIGN</p>	<p>412 QUANTITY REQ'D 13</p>  <p>24 X 30 R4-7</p> <p>ONE "U" POST PER SIGN</p>	<p>417 QUANTITY REQ'D 1</p>  <p>36 X 36 W1-1R</p> <p>ONE "U" POST PER SIGN</p>	<p>422 QUANTITY REQ'D 2</p>  <p>36 X 36 W9-1L</p> <p>ONE "U" POST PER SIGN</p>	
<p>403 QUANTITY REQ'D 2</p>  <p>36 X 36 W1-1aR</p> <p>ONE "U" POST PER SIGN</p>	<p>408 QUANTITY REQ'D 1</p>  <p>54 X 18 R6-1 (L)</p> <p>TWO "U" POSTS PER SIGN</p>	<p>413 QUANTITY REQ'D 1</p>  <p>48 X 48 W4-3(R)</p> <p>TWO "U" POSTS PER SIGN</p>	<p>418 QUANTITY REQ'D 1</p>  <p>36 X 36 W1-1L</p> <p>ONE "U" POST PER SIGN</p>	<p>423 QUANTITY REQ'D 1</p>  <p>36 X 48 W13-2</p> <p>TWO "U" POSTS PER SIGN</p>	
<p>404 QUANTITY REQ'D 2</p>  <p>36 X 36 W1-1aL</p> <p>ONE "U" POST PER SIGN</p>	<p>409 QUANTITY REQ'D 11</p>  <p>54 X 18 R6-1 (R)</p> <p>MOUNT BEHIND SIGN 408 IN 1 INSTALLATION</p> <p>TWO "U" POSTS PER SIGN</p>	<p>414 QUANTITY REQ'D 1</p>  <p>36 X 36 R3-27</p> <p>ONE "U" POST PER SIGN</p>	<p>419 QUANTITY REQ'D 2</p>  <p>36 X 36 W4-2(L)</p> <p>ONE "U" POST PER SIGN</p>	<p>424 QUANTITY REQ'D 1</p>  <p>36 X 48 W13-3</p> <p>TWO "U" POSTS PER SIGN</p>	
<p>405 QUANTITY REQ'D 2</p>  <p>48 X 24 W1-6R</p> <p>TWO "U" POSTS PER SIGN</p>	<p>410 QUANTITY REQ'D 7</p>  <p>36 X 24 R5-1a</p> <p>ONE "U" POST PER SIGN</p>	<p>415 QUANTITY REQ'D 1</p>  <p>36 X 36 W12-1</p> <p>ONE "U" POST PER SIGN</p>	<p>420 QUANTITY REQ'D 1</p>  <p>36 X 36 X 36 R1-2</p> <p>ONE "U" POST PER SIGN</p>		

TYPE "E" SIGNS

28-DEC-2010 13:03
 P:\TIP-Proj\2826B\Traffic\Signing\CADD\Signing Layout Plans\Signing\Title Sheet_Engsead.dgn
 Rhenrich AT 1E247534

28-DEC-2010 13:09
 P:\TIP\Projects\U28268\Traffic\Signing\CADD\Signing Layout Plans\Signing\Title Sheet_Engsead.dgn
 rhennein AT 12/27/2010

TIP NO. U-28268	SHEET NO. SIGN-5A
APPROVED: 	
DATE: 1/5/11	
SEAL	
	

501

NORTH
52

1 - 24 X 12
1 - 24 X 24

ONE "U" POST PER SIGN

506

WEST
BUSINESS
40

WEST NORTH WEST
158 421 150

1 - 24 X 12
1 - 24 X 24
1 - 21 X 15
3 - 24 X 12
2 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

511

SOUTH SOUTH
52 8

LEFT LANE LEFT LANE

2 - 24 X 12
2 - 24 X 24
M5-4 2 - 24 X 24

TWO "U" POSTS PER SIGN

516

EAST
BUSINESS
40

EAST SOUTH EAST
158 421 150

1 - 24 X 12
1 - 24 X 24
1 - 21 X 15
3 - 24 X 12
2 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

521

SOUTH NORTH
311 311

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

TWO "U" POSTS PER SIGN

502

SOUTH SOUTH SOUTH
52 311 8

3 - 24 X 12
1 - 24 X 24
1 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

507

SOUTH SOUTH SOUTH
52 311 8

3 - 24 X 12
1 - 24 X 24
1 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

512

WEST
BUSINESS
40

WEST NORTH WEST
158 421 150

1 - 24 X 12
1 - 24 X 24
1 - 21 X 15
3 - 24 X 12
2 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

517

WEST
BUSINESS
40

WEST NORTH WEST
158 421 150

1 - 24 X 12
1 - 24 X 24
1 - 21 X 15
3 - 24 X 12
2 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

522

SOUTH
311

1 - 24 X 12
1 - 30 X 24

ONE "U" POST PER SIGN

503

SOUTH SOUTH SOUTH
52 311 8

3 - 24 X 12
1 - 24 X 24
1 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

508

NORTH NORTH
52 8

2 - 24 X 12
2 - 24 X 24
2 - 21 X 15

TWO "U" POSTS PER SIGN

513

EAST
BUSINESS
40

EAST SOUTH EAST
158 421 150

1 - 24 X 12
1 - 24 X 24
1 - 21 X 15
3 - 24 X 12
2 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

518

WEST
BUSINESS
40

WEST NORTH WEST
158 421 150

1 - 24 X 12
1 - 24 X 24
1 - 21 X 15
3 - 24 X 12
2 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

525

SOUTH SOUTH SOUTH
52 311 8

3 - 24 X 12
1 - 24 X 24
1 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

504 524

NORTH
311

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

ONE "U" POST PER SIGN

509

SOUTH SOUTH
52 8

2 - 24 X 12
2 - 24 X 24
2 - 21 X 15

TWO "U" POSTS PER SIGN

514

EAST
BUSINESS
40

EAST SOUTH EAST
158 421 150

1 - 24 X 12
1 - 24 X 24
1 - 21 X 15
3 - 24 X 12
2 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

519

JCT
BUSINESS
40

JCT JCT JCT
158 421 150

1 - 21 X 15
1 - 24 X 24
3 - 21 X 15
2 - 30 X 24
1 - 24 X 24

THREE "U" POSTS PER SIGN

526

SOUTH SOUTH
52 8

2 - 24 X 12
2 - 24 X 24
2 - 21 X 15

TWO "U" POSTS PER SIGN

505 523

NORTH
311

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

ONE "U" POST PER SIGN

510

SOUTH SOUTH
52 8

2 - 24 X 12
2 - 24 X 24
2 - 21 X 15

TWO "U" POSTS PER SIGN

515

EAST
BUSINESS
40

EAST SOUTH EAST
158 421 150

1 - 24 X 12
1 - 24 X 24
1 - 21 X 15
3 - 24 X 12
2 - 30 X 24
1 - 24 X 24
3 - 21 X 15

THREE "U" POSTS PER SIGN

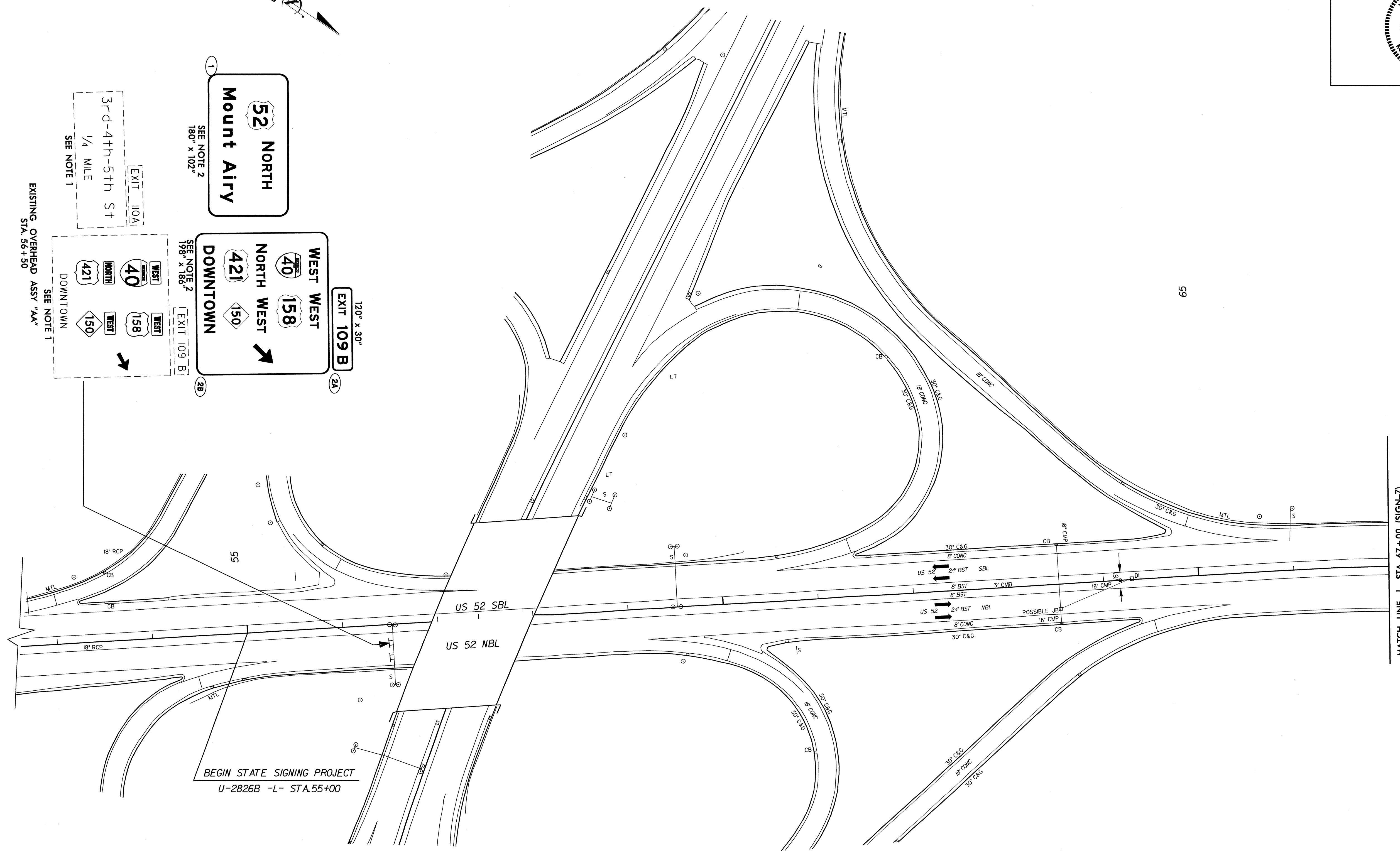
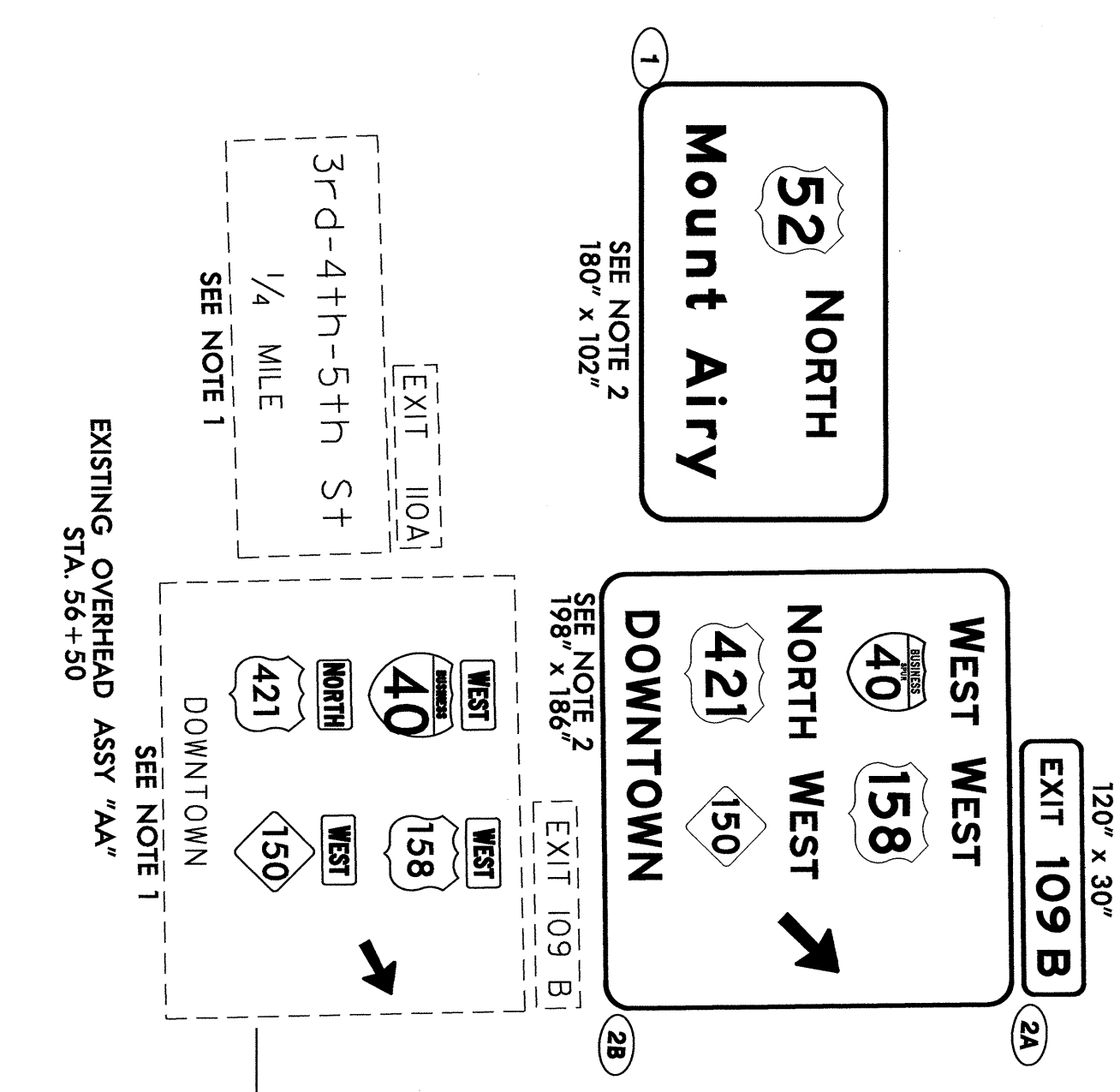
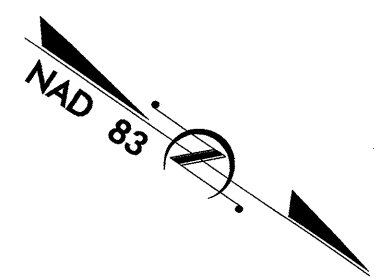
520

JCT
311

1 - 21 X 15
1 - 30 X 24

ONE "U" POST PER SIGN

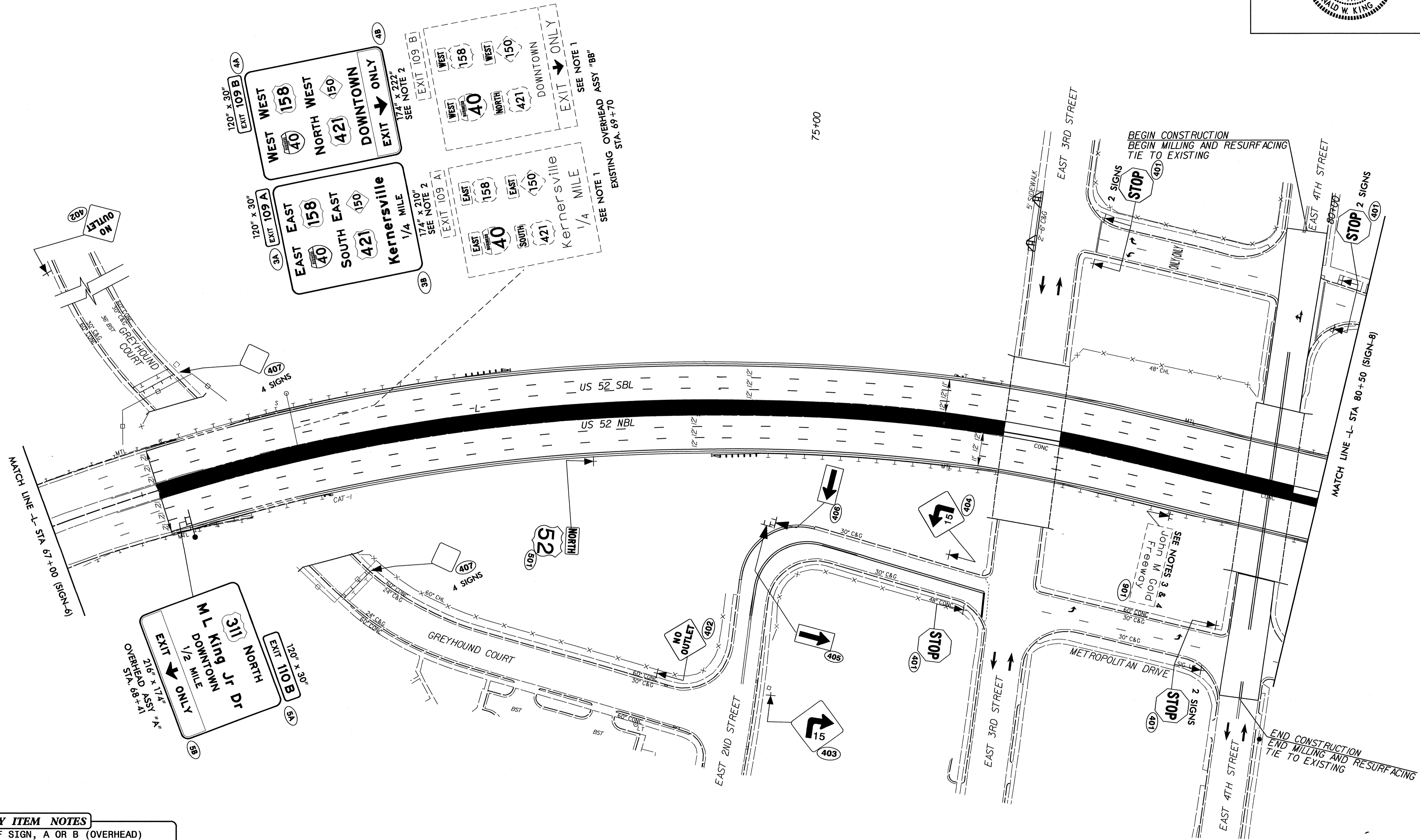
TYPE "F" SIGNS



BEGIN STATE SIGNING PROJECT
U-2826B -L- STA.55+00

PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

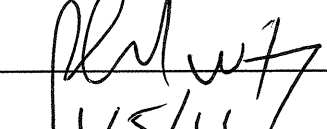

PROPOSED SIGNS
STA. 55+00 TO STA. 67+00
US 52(-L-)

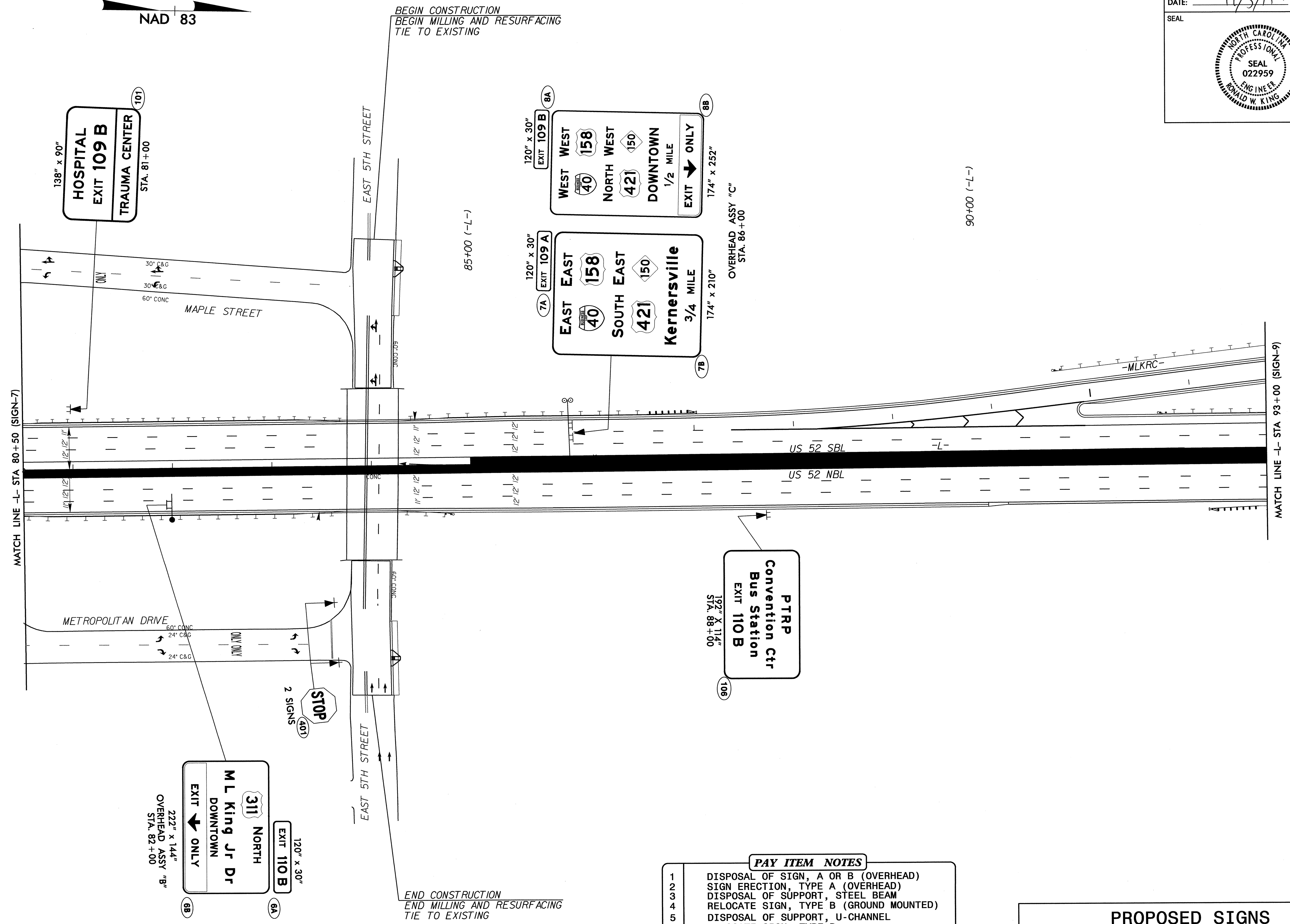
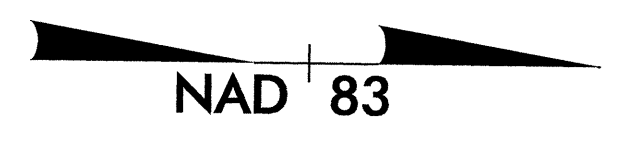


PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

PROPOSED SIGNS
 STA. 67+00 TO STA. 80+50
 US 52 (-L-)

04-JAN-2011 13:35
 P:\Projects\2010\2826B\Traffic\Signing\CADD\Signing Layout Plans\Signing Layout Plans\U-2826B-rdy-psh_04.dgn
 User: rking
 AT: 12/27/2010

TIP NO. U-2826B	SHEET NO. SIGN-8
APPROVED: 	
DATE: 1/5/11	
SEAL	
	



BEGIN CONSTRUCTION
BEGIN MILLING AND RESURFACING
TIE TO EXISTING

END CONSTRUCTION
END MILLING AND RESURFACING
TIE TO EXISTING

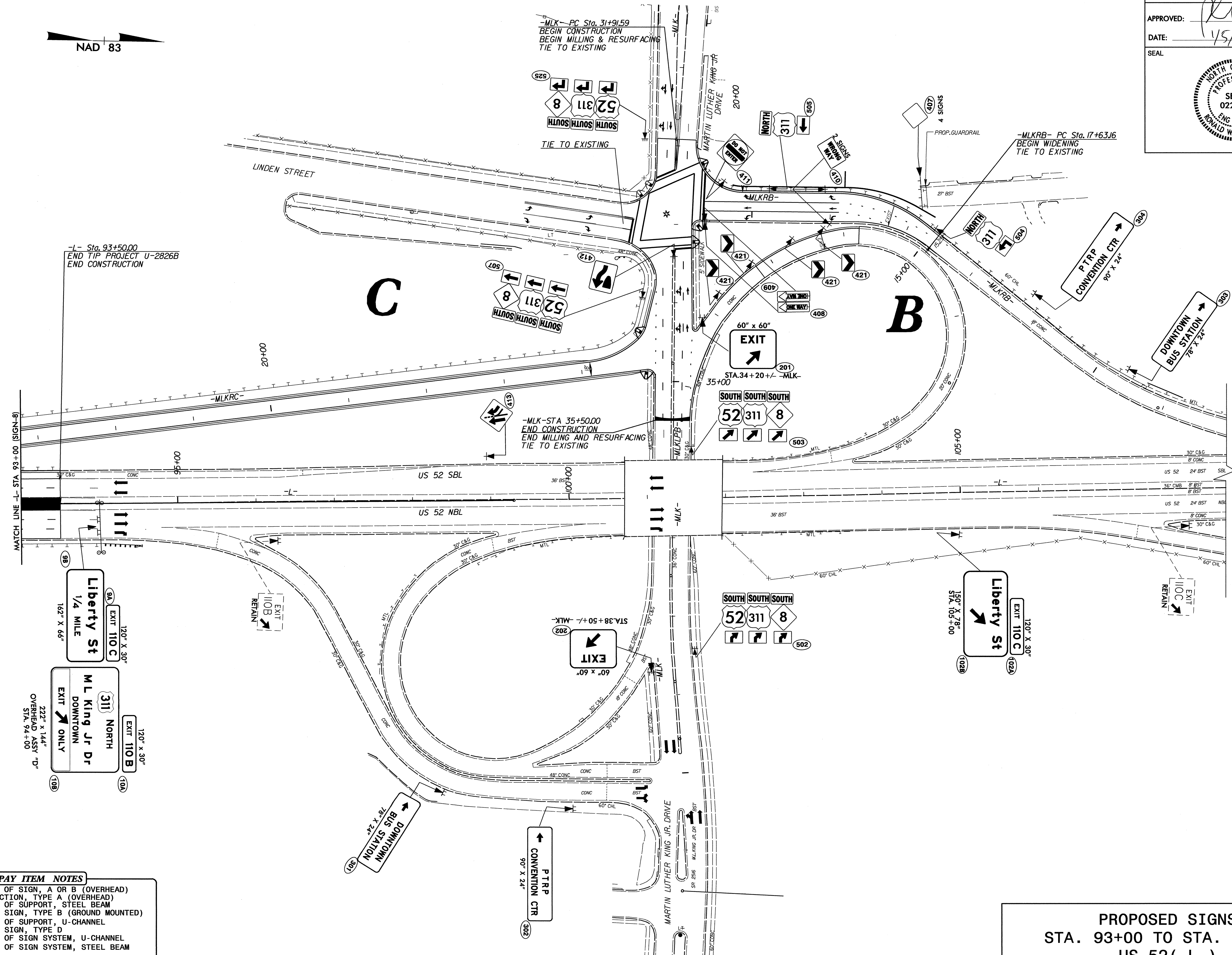
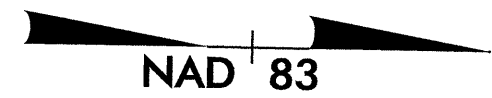
PAY ITEM NOTES

1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

PROPOSED SIGNS
STA. 80+50 TO STA. 93+00
US 52 (-L-)

04-JAN-2011 13:36
 P:\TIP\Project\U-2826B\Traffic\Signing\CADD\Signing Layout\Plans\Signing\U-2826B_rdy_psh_05.dgn
 Rhennein AT 1/24/11

TIP NO. U-28268	SHEET NO. SIGN-9
APPROVED: <i>[Signature]</i>	
DATE: 1/5/11	
SEAL	



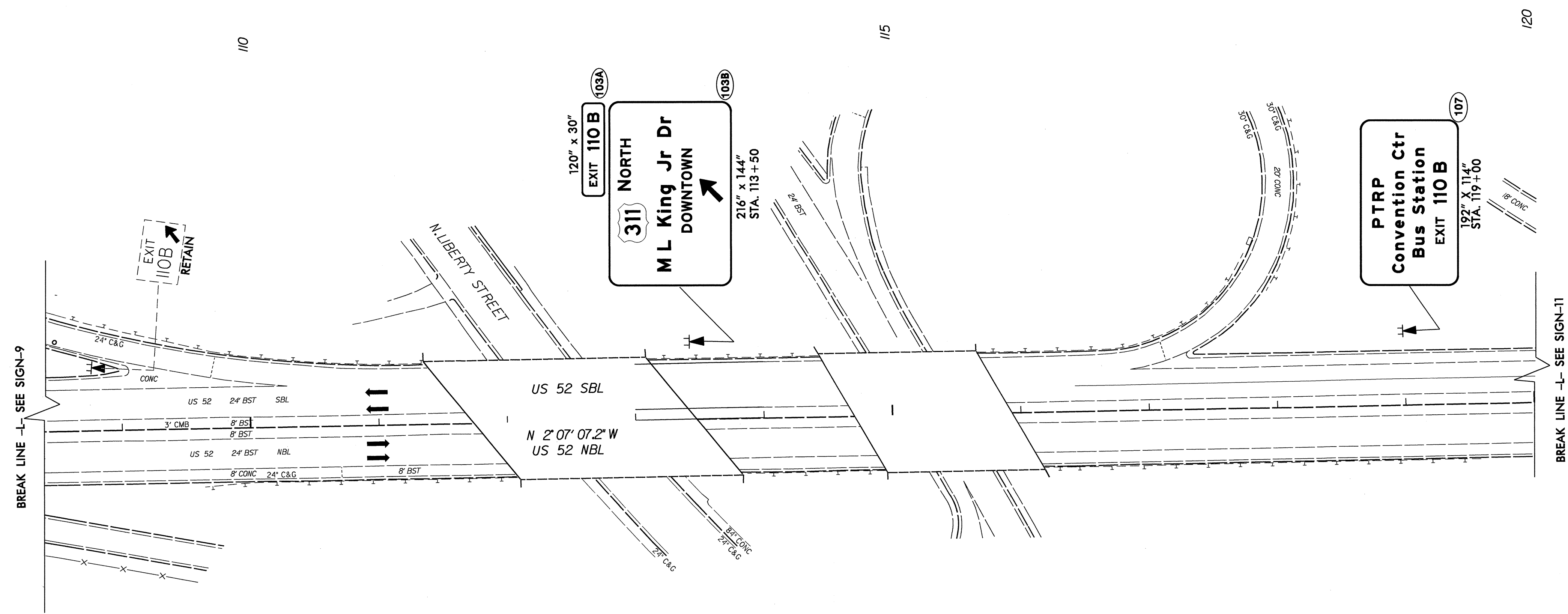
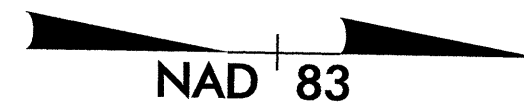
PAY ITEM NOTES

1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

* SIGNALIZED

PROPOSED SIGNS
STA. 93+00 TO STA. 108+00
US 52 (-L-)

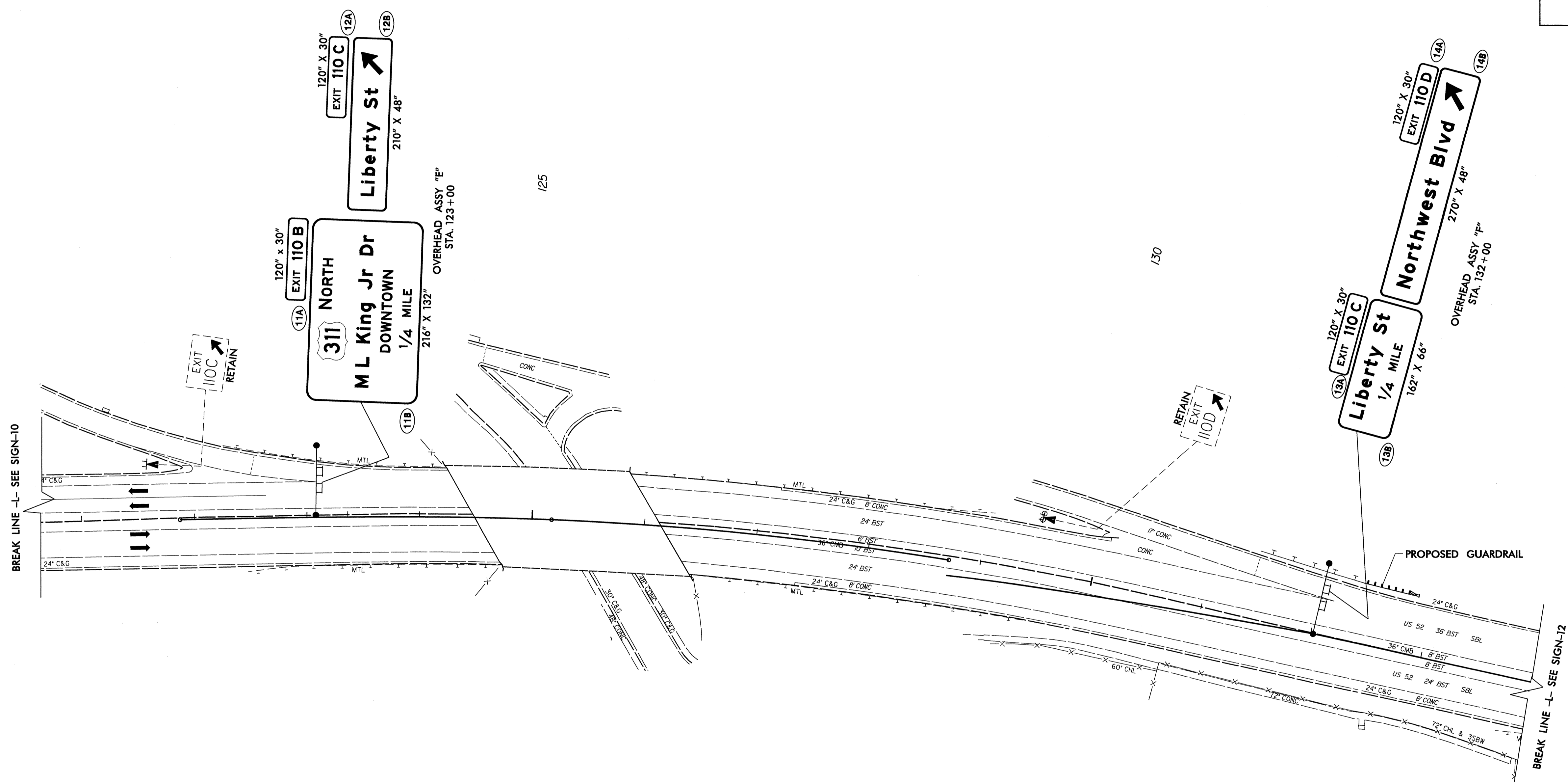
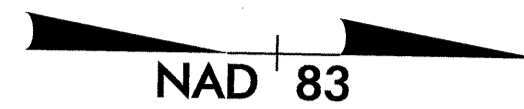
04-JAN-2011 14:07 P:\TIP\Projects\28268\Traffic\Signing\CADD\Signing\Layout\Plans\Signing\ur-28268b-rdy.psh_06.dgn
 sign AL 1/24/11



PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

PROPOSED SIGNS
 STA. 108+00 TO STA. 120+00
 US 52(-L-)

04-JAN-2011 13:33 U:\2826B\Traffic\Signing\CADD\Signing Layout\Plans\Signing\ur-2826b_rdy_psh_064A.dgn
 P:\TIP\ProJec\2826B\Traffic\Signing\CADD\Signing Layout\Plans\Signing\ur-2826b_rdy_psh_064A.dgn
 mmmn AT 1/27/11

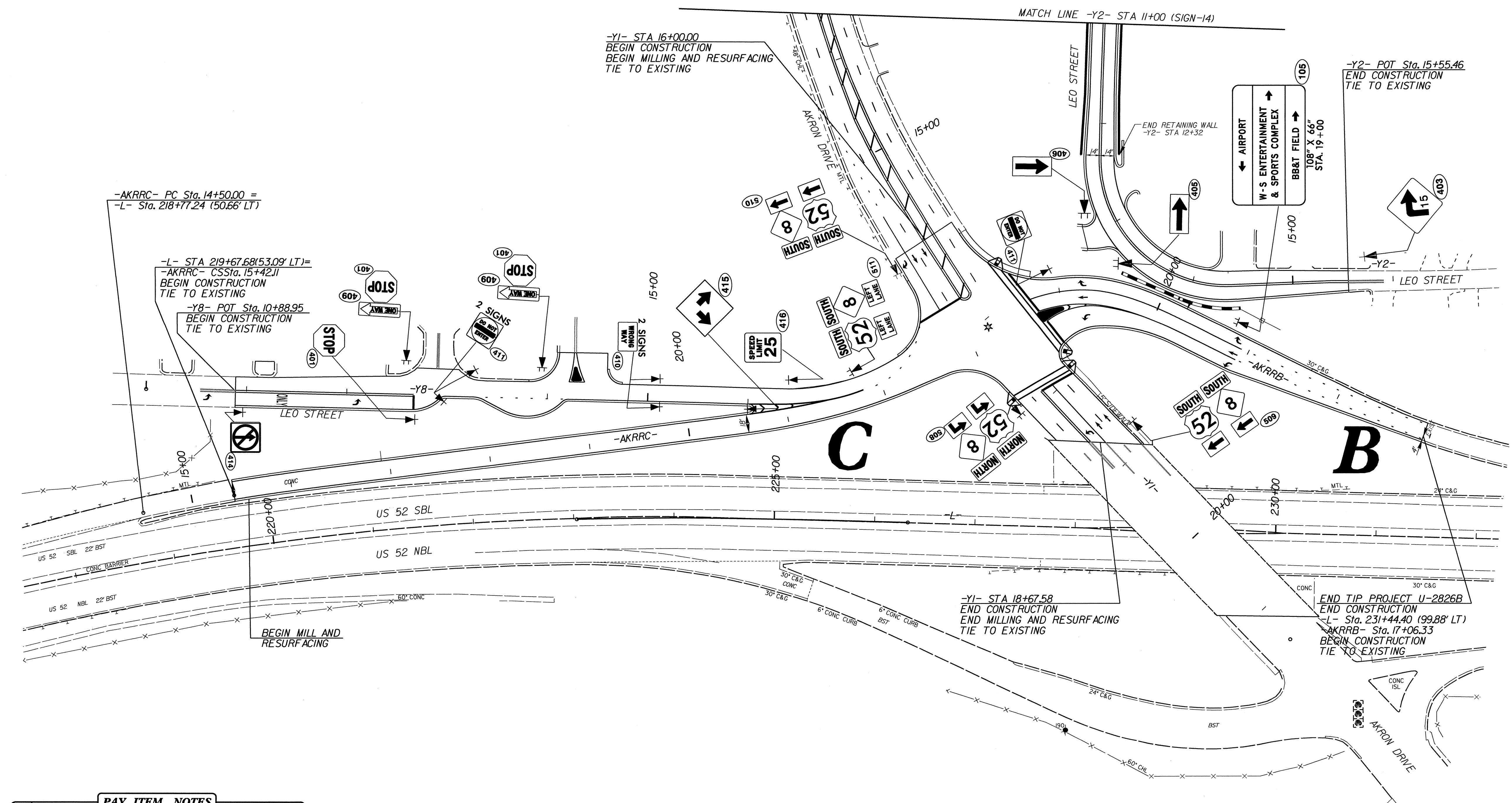
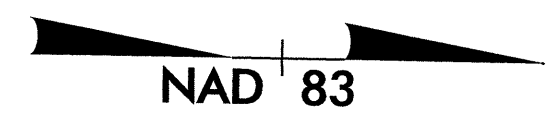


PAY ITEM NOTES

- | | |
|---|--|
| 1 | DISPOSAL OF SIGN, A OR B (OVERHEAD) |
| 2 | SIGN ERECTION, TYPE A (OVERHEAD) |
| 3 | DISPOSAL OF SUPPORT, STEEL BEAM |
| 4 | RELOCATE SIGN, TYPE B (GROUND MOUNTED) |
| 5 | DISPOSAL OF SUPPORT, U-CHANNEL |
| 6 | RELOCATE SIGN, TYPE D |
| 7 | DISPOSAL OF SIGN SYSTEM, U-CHANNEL |
| 8 | DISPOSAL OF SIGN SYSTEM, STEEL BEAM |

PROPOSED SIGNS
 STA. 120+50 TO STA. 134+00
 US 52(-L-)

04-JAN-2011 13:38 U:\2826B\T-rff\10\Signing\CADD\Signing Layout Plans\Signing\ur-2826b-rdy-ph_06A.dgn
 P:\TIP\ProJec\2826B\ur-2826b-rdy-ph_06A.dgn
 hennin AL TEL: 773-351




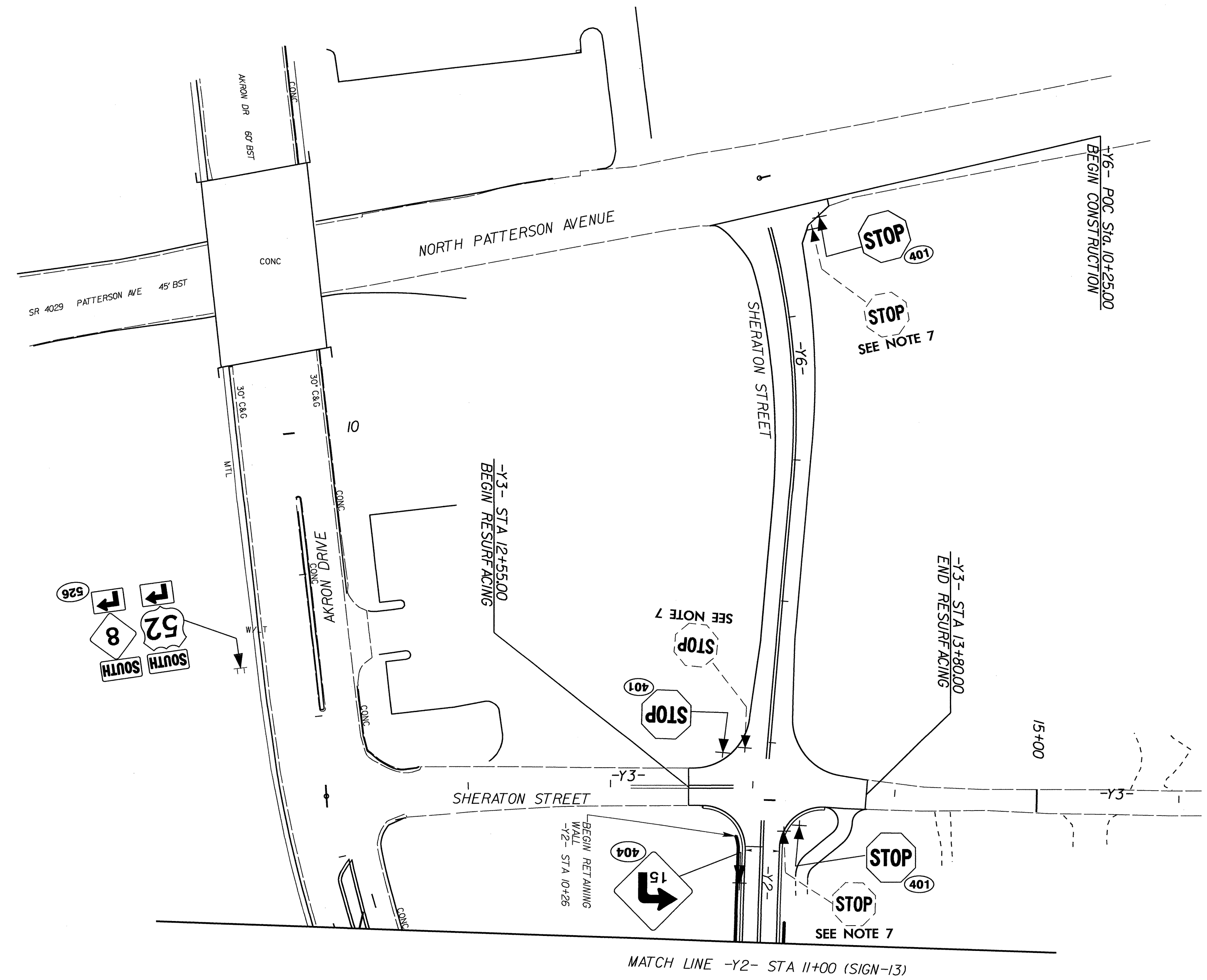
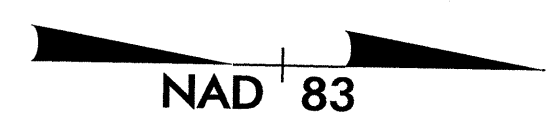
PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

* SIGNALIZED

PROPOSED SIGNS
STA. 16+00 TO STA. 18+67.58
AKRON DRIVE (-Y1-)

23-DEC-2010 17:13
 P:\TIPProj\U-2826B\Traffic\Signing\CADD\Signing Layout\Plans\Signing U-2826B-rdy.psh_07.dgn
 mmonstn AT TEL:7351

TIP NO. U-28268	SHEET NO. SIGN-14
APPROVED: <i>[Signature]</i>	
DATE: 4/5/11	
SEAL	
	



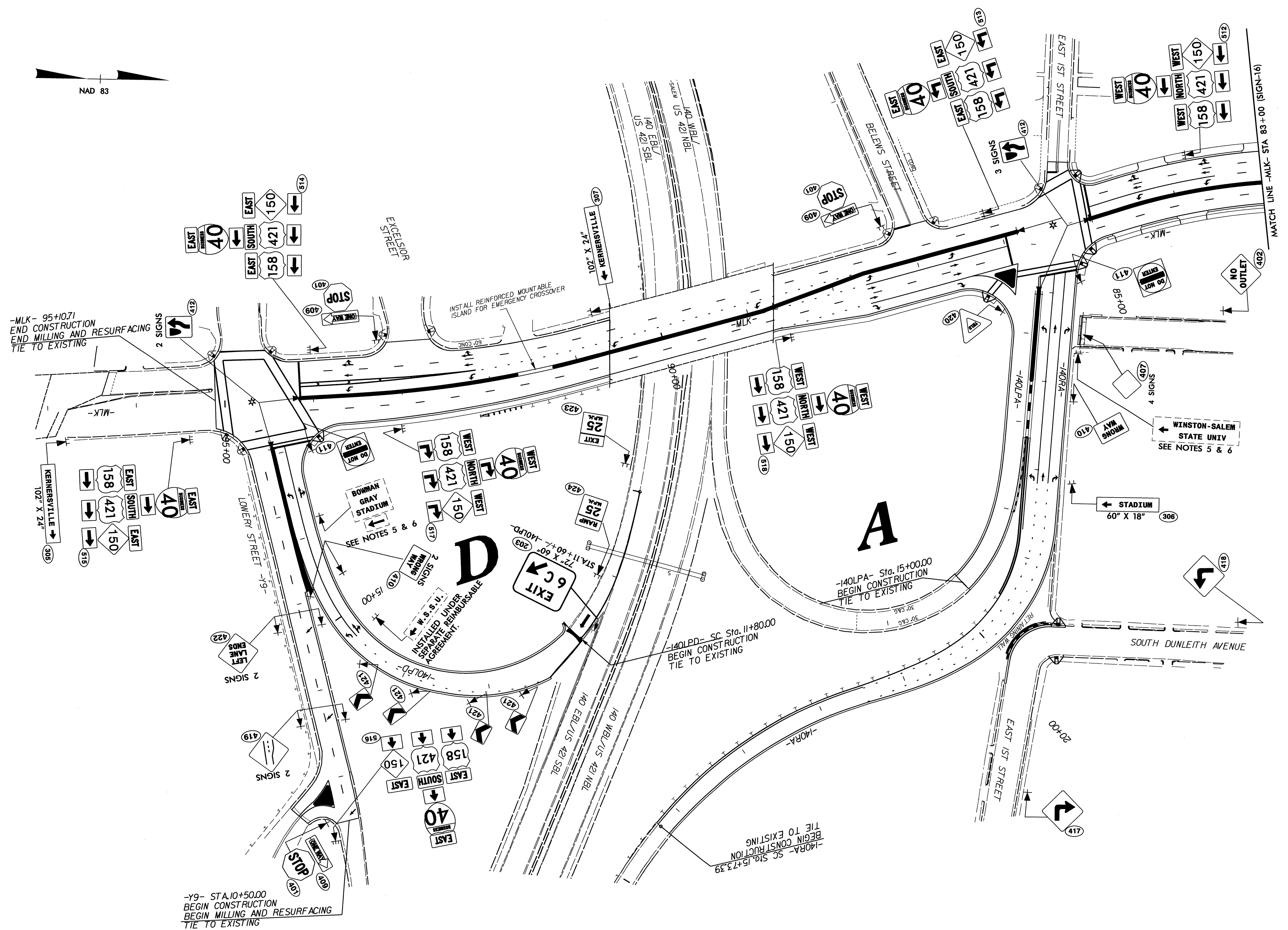
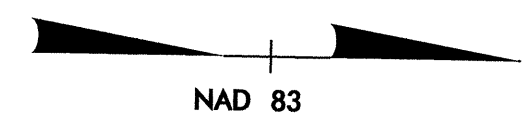
PAY ITEM NOTES

- 1 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 2 SIGN ERECTION, TYPE A (OVERHEAD)
- 3 DISPOSAL OF SUPPORT, STEEL BEAM
- 4 RELOCATE SIGN, TYPE B (GROUND MOUNTED)
- 5 DISPOSAL OF SUPPORT, U-CHANNEL
- 6 RELOCATE SIGN, TYPE D
- 7 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 8 DISPOSAL OF SIGN SYSTEM, STEEL BEAM

**PROPOSED & EXISTING SIGNS
STA.10+25(-Y6-) TO STA.11+00(-Y2-)
SHERATON STREET / LEOS STREET**

23-DEC-2010 17:06
 P:\TIP\ProJec\U-28268\Traffic\Signing\CADD\Signing Layout Plans\Signing U-28268-rdy-psh_08.dgn
 mmmmm AT 12/4/304

TIP NO. U-2826B	SHEET NO. SIGN-15
APPROVED: <i>[Signature]</i>	
DATE: 1/5/11	
SEAL	



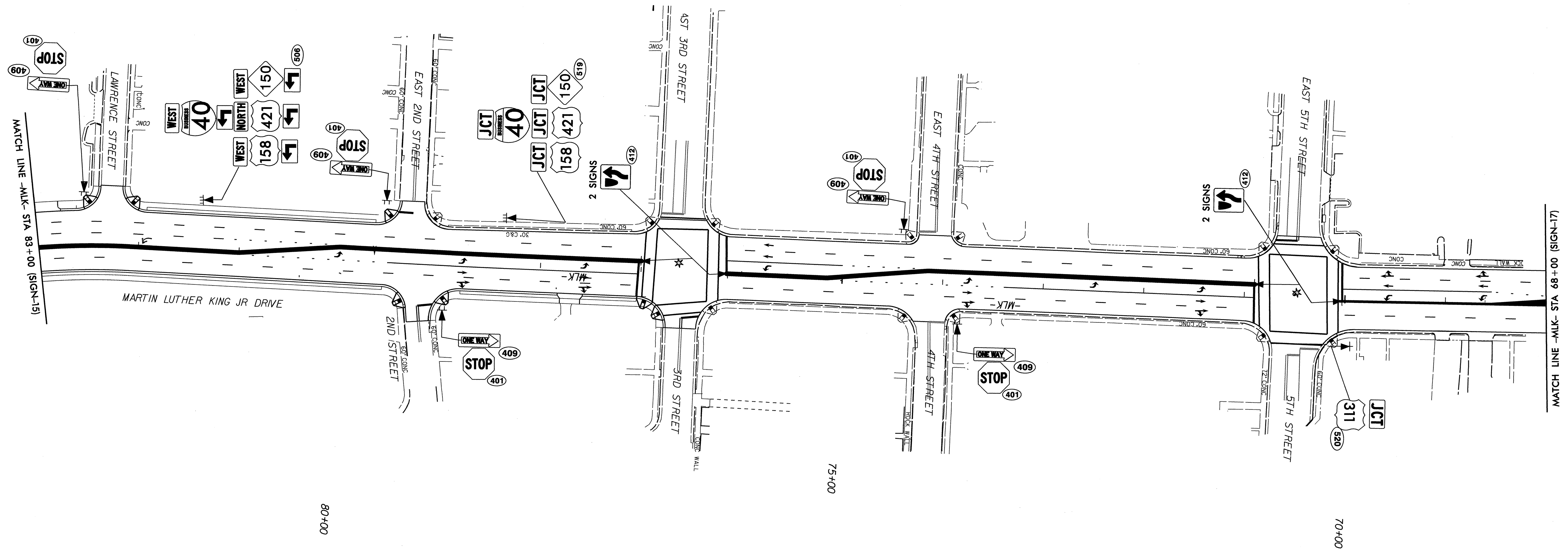
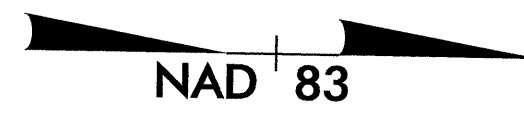
PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

* SIGNALIZED

PROPOSED SIGNS
 STA. 93+00 TO STA. 83+00
 MARTIN LUTHER KING JR DR (-MLK-)

04-JAN-2011 13:43
 P:\1111\Projects\1111\Traffic\Signing\CADD\Signing_Layout\Plans\Signing_U-2826B-13.dgn
 User: rking
 Plot: 1/5/11 11:53:53

TIP NO. U-28248	SHEET NO. SIGN-16
APPROVED: <i>RWT</i>	
DATE: 1/5/11	
SEAL	



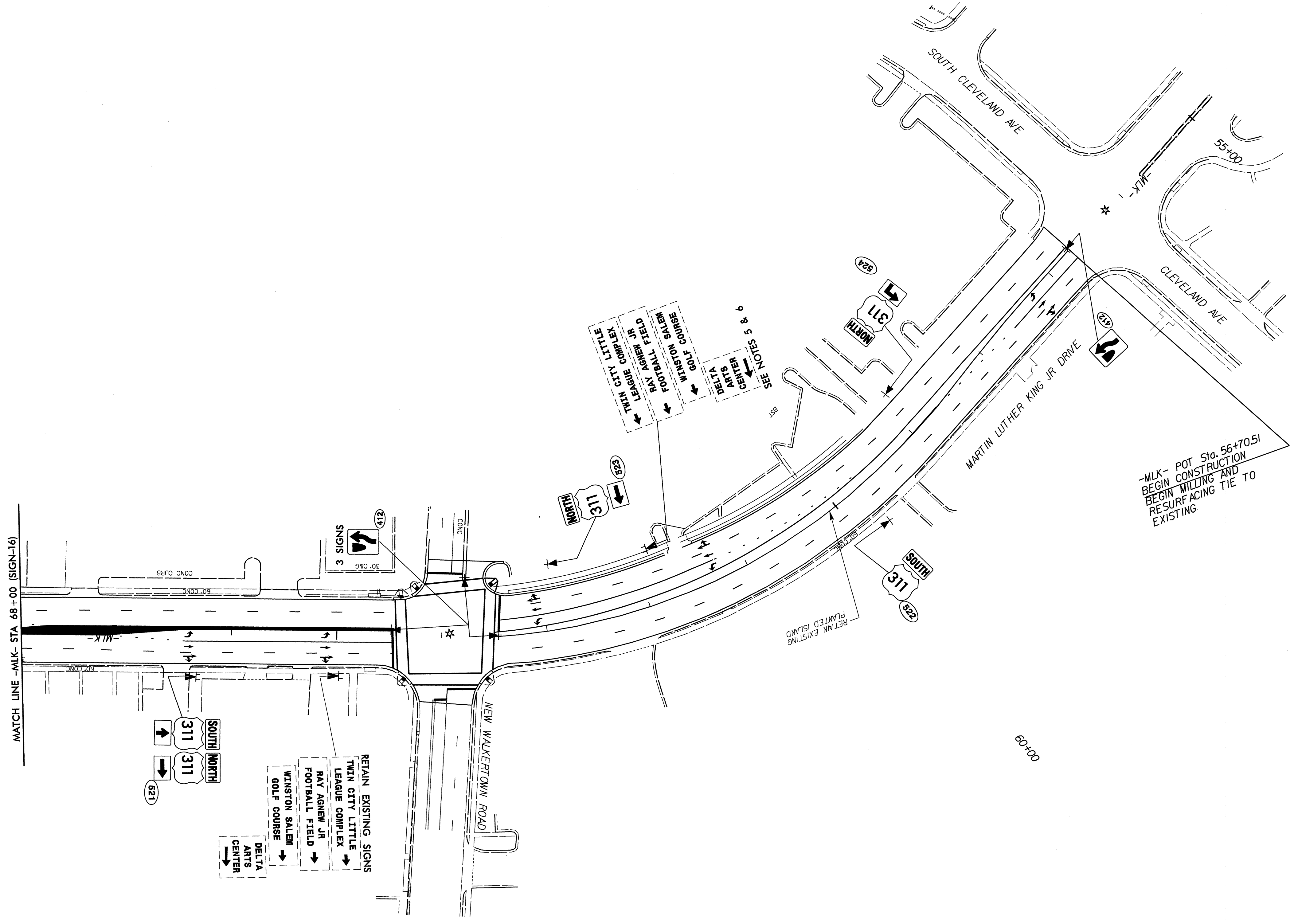
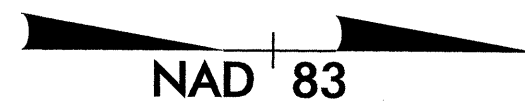
PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

* SIGNALIZED

PROPOSED SIGNS
STA. 83+00 TO STA. 68+00
MARTIN LUTHER KING JR DR (-MLK-)

23-DEC-2010 17:05 P:\TIPProjec\U-28248\Traffic\Signing\CADD\Signing Layout Plans\Signing\U-28248-14.dgn

TIP NO. U-2826B	SHEET NO. SIGN-17
APPROVED: <i>R.W.K.</i>	
DATE: 4/5/11	
SEAL	



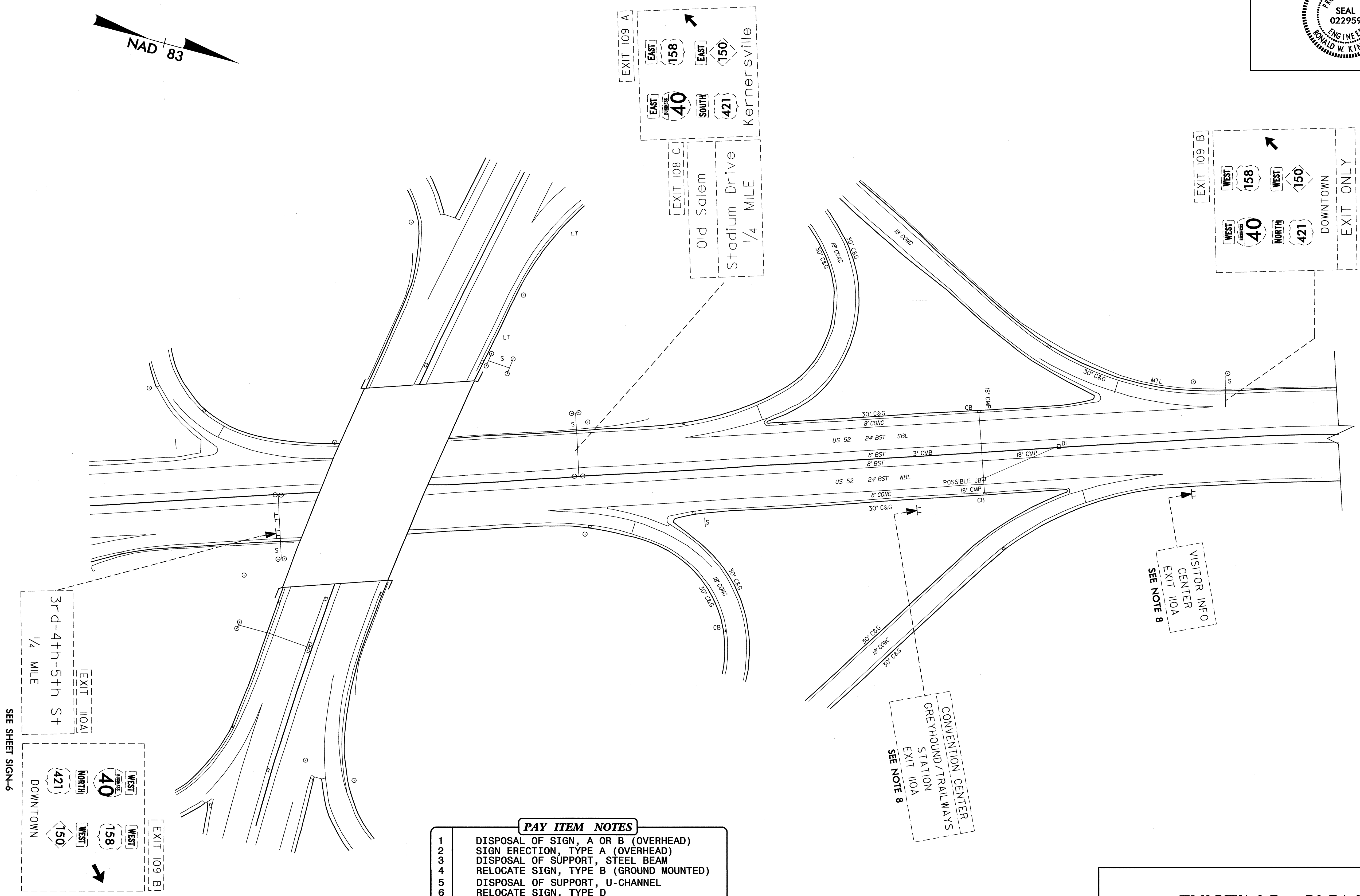
* SIGNALIZED

PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

PROPOSED SIGNS
 STA. 68+00 TO STA. 56+70.51
 MARTIN LUTHER KING JR DR (-MLK-)

63-016-200 17:04 U:\2826B\Traffic\Signing\CADD\Signing_Layout_Plans\Signing_Ur-2826b-15.dgn
 rhennet CA 12237834

TIP NO. U-28268	SHEET NO. SIGN-18
APPROVED: <i>[Signature]</i>	
DATE: 11/5/11	
SEAL	

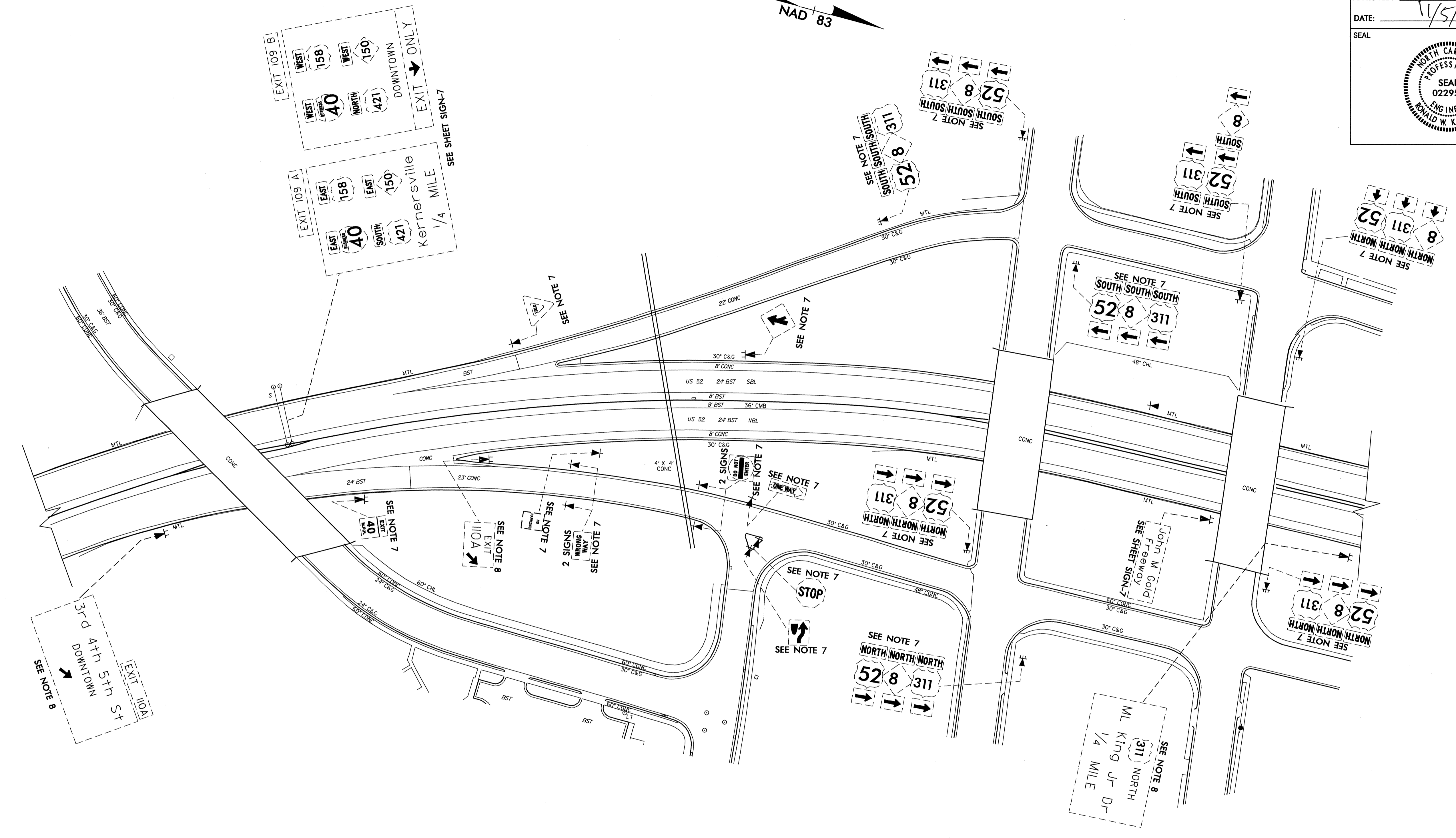
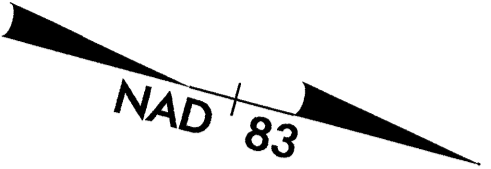


PAY ITEM NOTES

- 1 DISPOSAL OF SIGN, A OR B (OVERHEAD)
- 2 SIGN ERECTION, TYPE A (OVERHEAD)
- 3 DISPOSAL OF SUPPORT, STEEL BEAM
- 4 RELOCATE SIGN, TYPE B (GROUND MOUNTED)
- 5 DISPOSAL OF SUPPORT, U-CHANNEL
- 6 RELOCATE SIGN, TYPE D
- 7 DISPOSAL OF SIGN SYSTEM, U-CHANNEL
- 8 DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING SIGNS

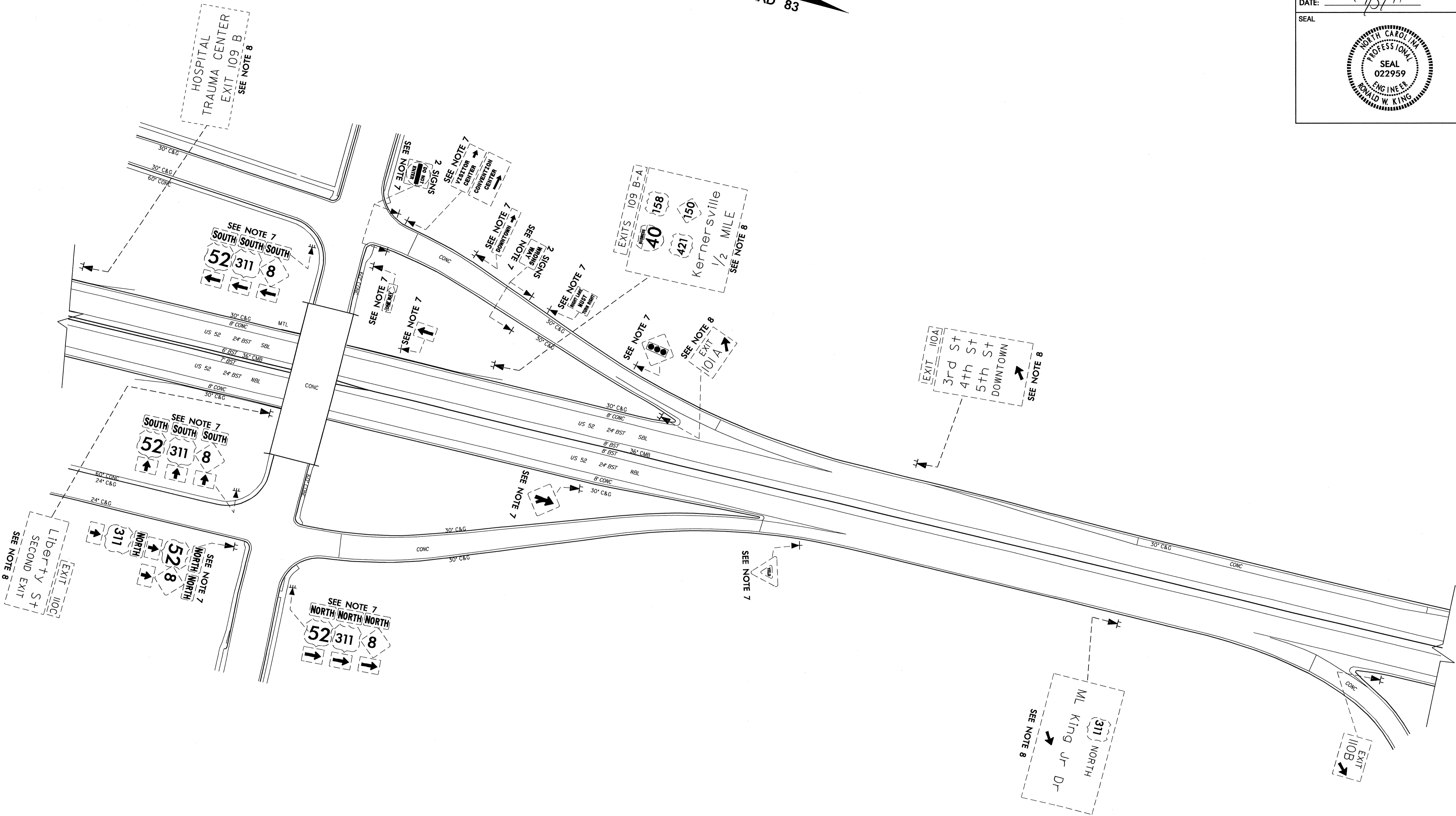
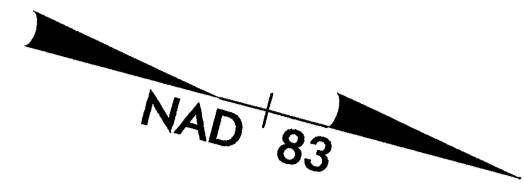
23-DEC-2010 17:03
 P:\TIP\ProJec\U-28268\Traffic\Signing\CADD\Signing_Layout\Plans\Signing_U-28268-ExSt-1.dgn
 hennin AT 12/4/11



PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING SIGNS

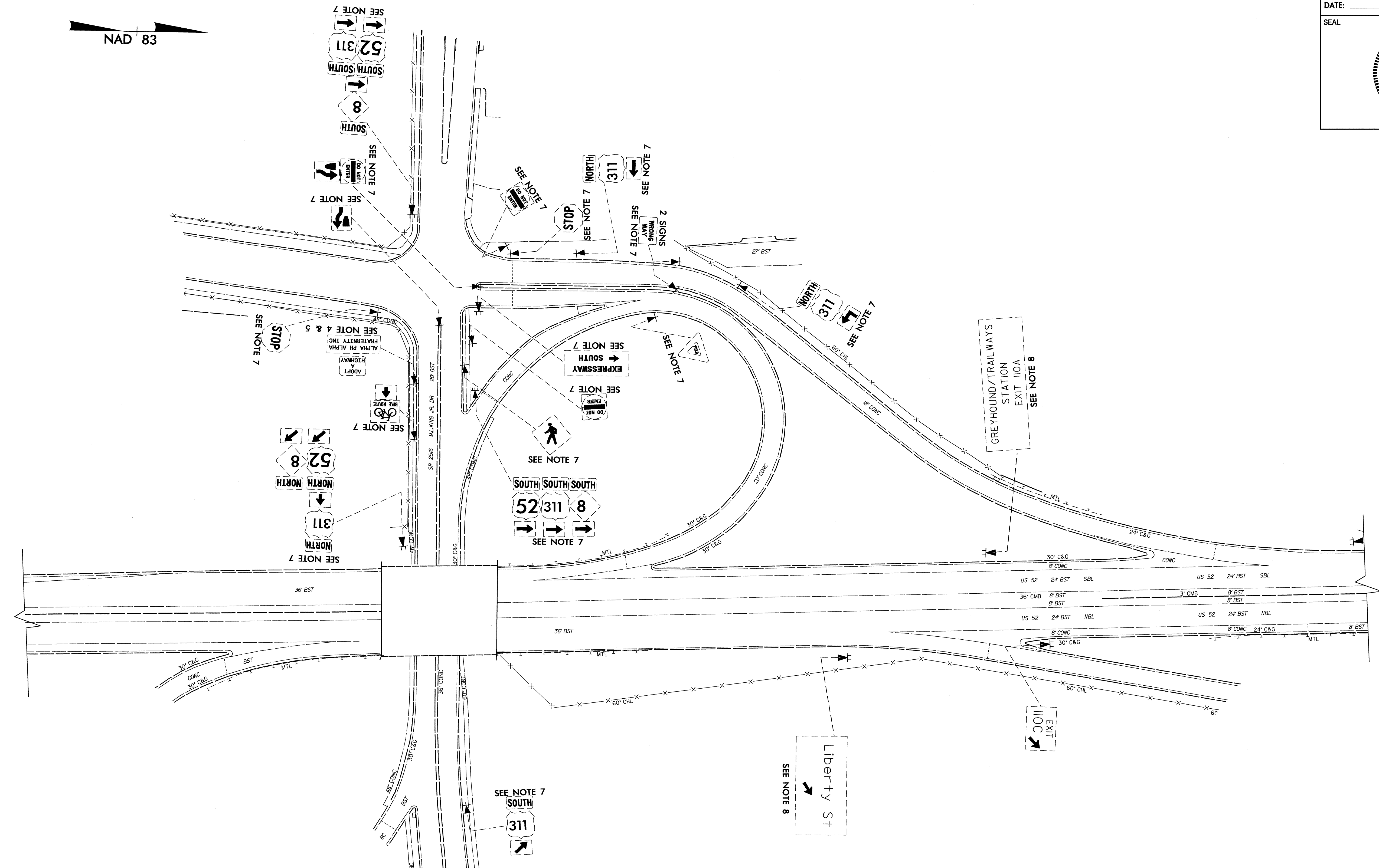
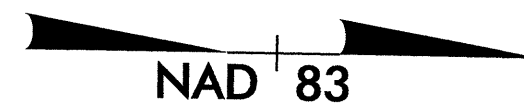
84 JAN 2011 10:30
 J. Johns
 2475
 1/5/11



PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING SIGNS

23-DEC-2010 16:11 U:\2826B\Signing\CADD\Signing Layout Plans\Signing U-2826B-ExSht3.dgn
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 mmmmm AT 12:47:53

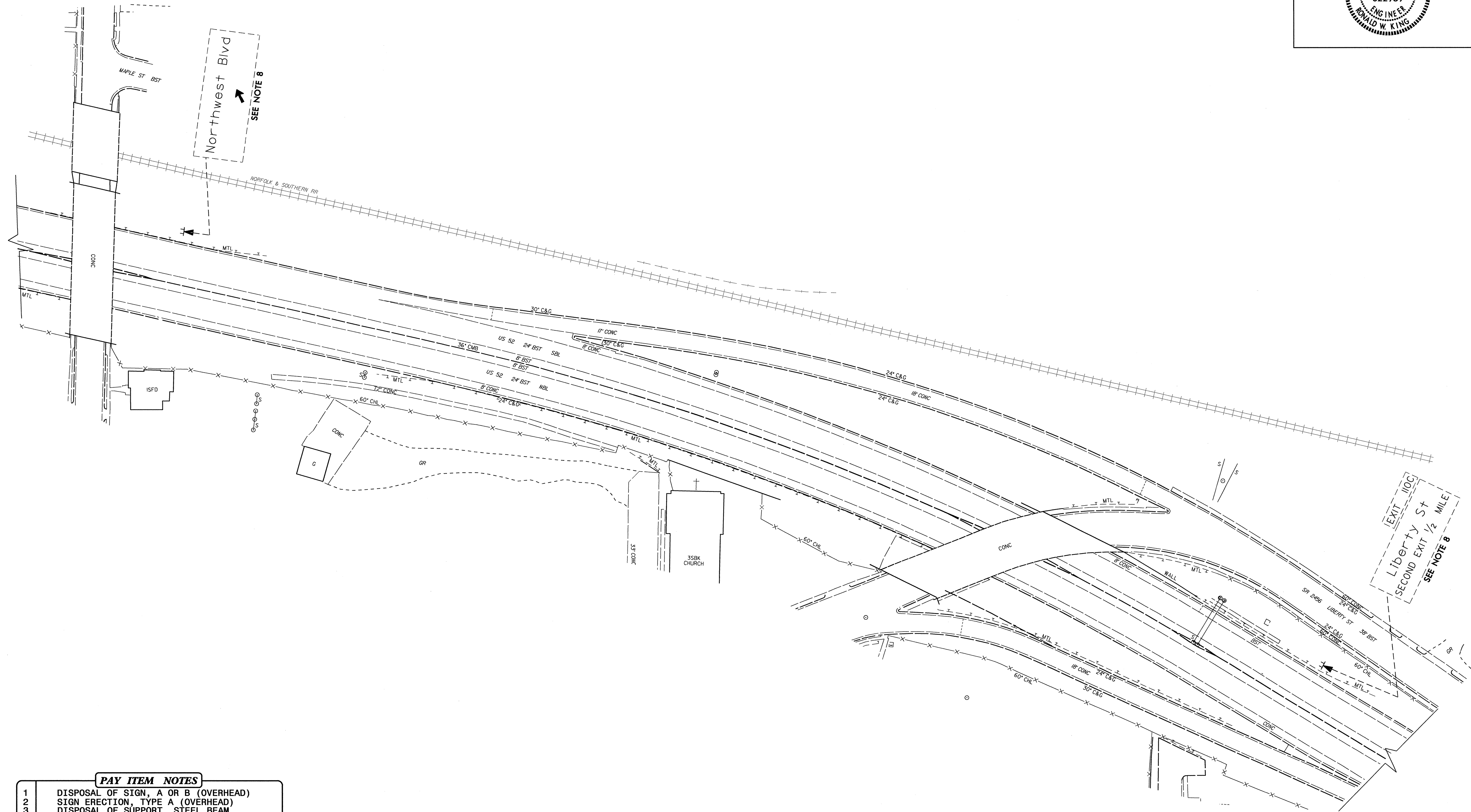
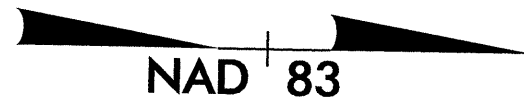


PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING SIGNS

23-DEC-2010 16:10 U:\2826B\Traffic\Signing\CADD\Signing Layout Plans\Signing_u-2826b-Exsh4.dgn
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 mmmmmn .n1 TEL: 71351

TIP NO. U-2826B	SHEET NO. SIGN-23
APPROVED: <i>R.W.K.</i>	
DATE: 1/5/11	
SEAL	

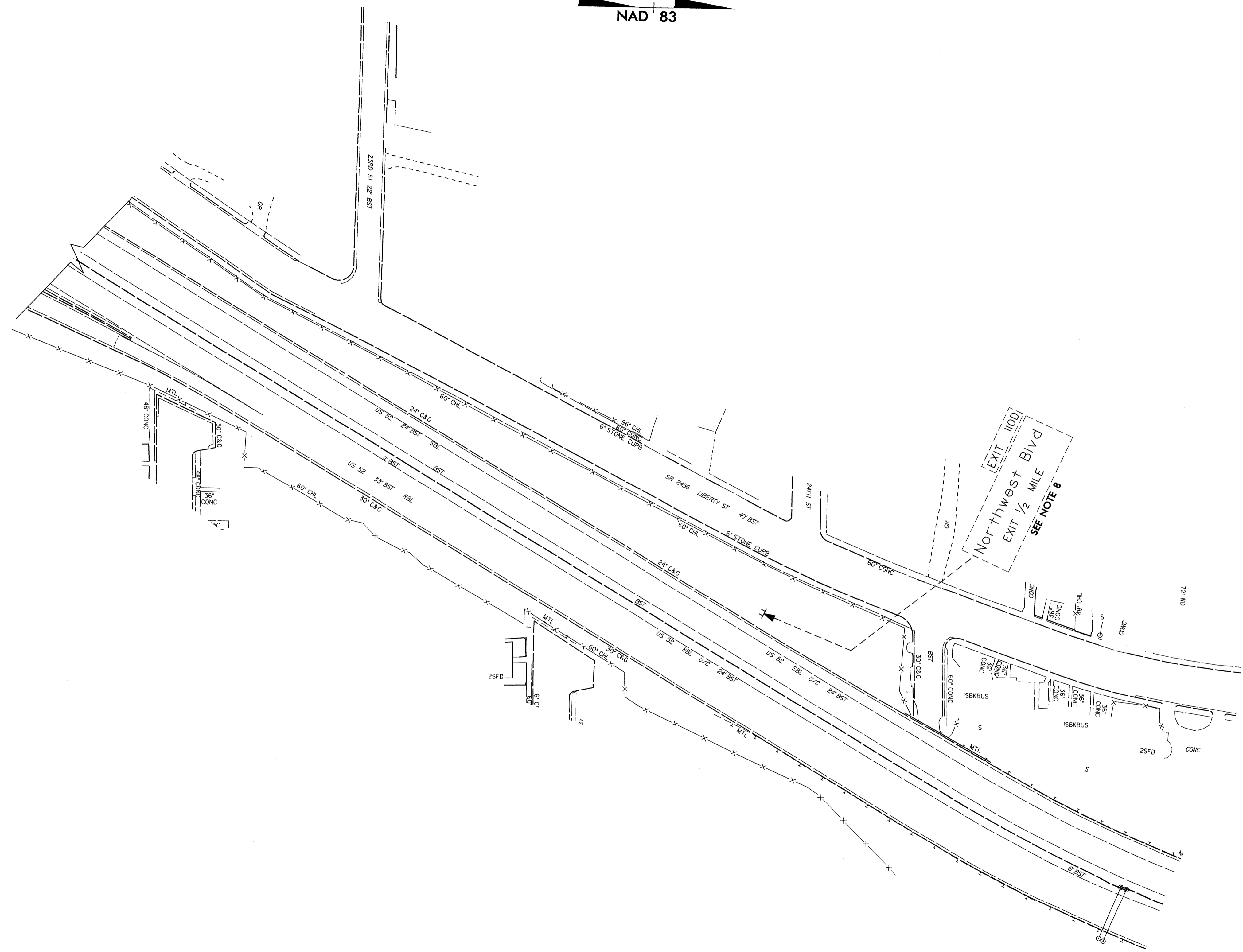
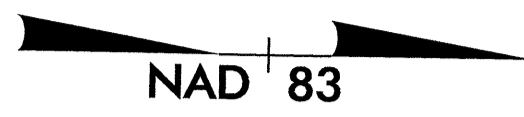


PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING SIGNS

23-DEC-2010 16:03
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 mmsm AT 12/27/10

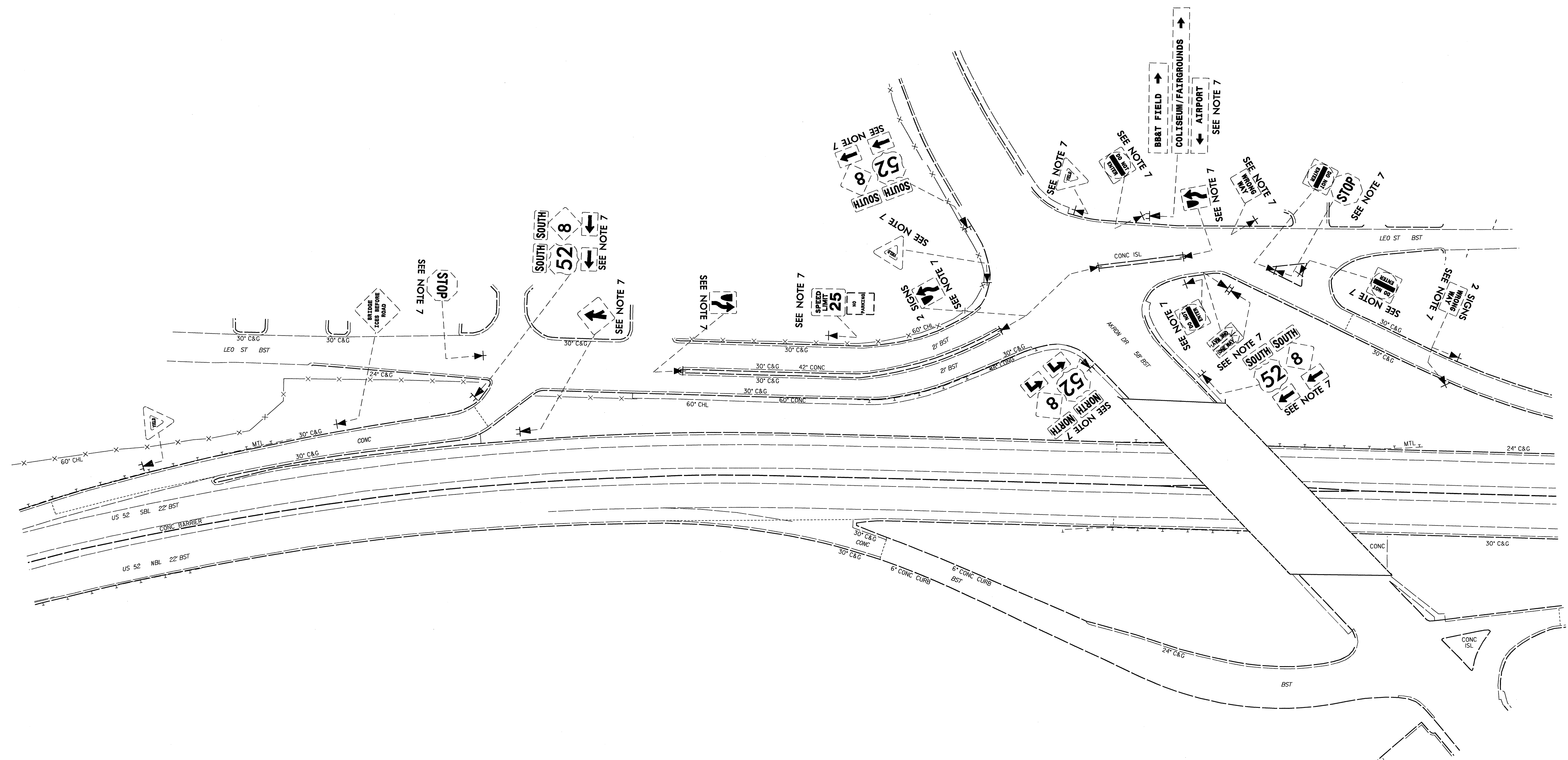
TIP NO. U-2826B	SHEET NO. SIGN-24
APPROVED: <i>[Signature]</i>	
DATE: 1/5/11	
SEAL	



PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING SIGNS

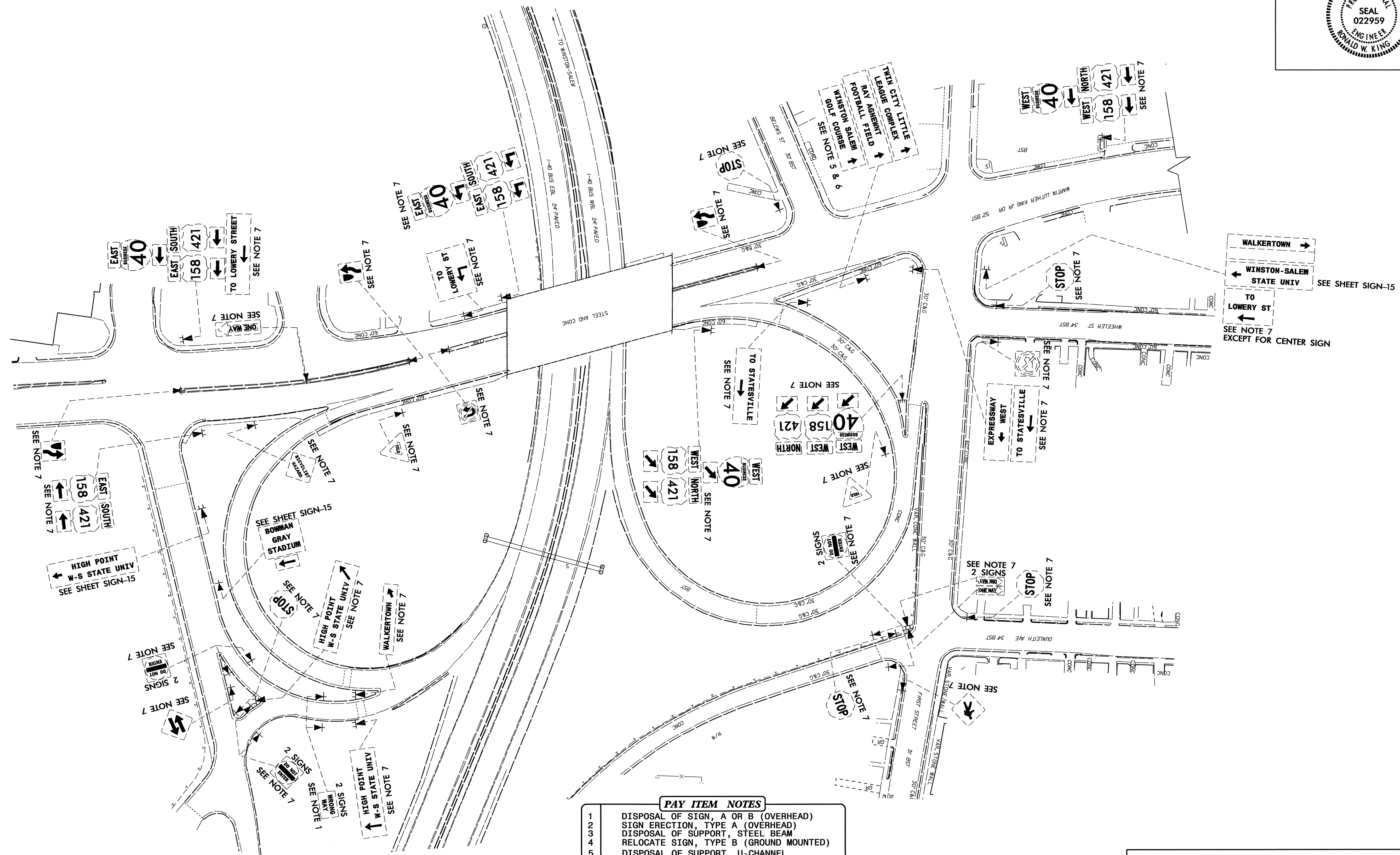
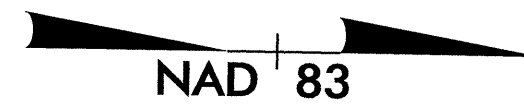
23-DEC-2010 16:08
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 Dennis AT 1/24/11



PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING SIGNS


23-DEC-2010 16:07
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 mmsm AT 1/27/11

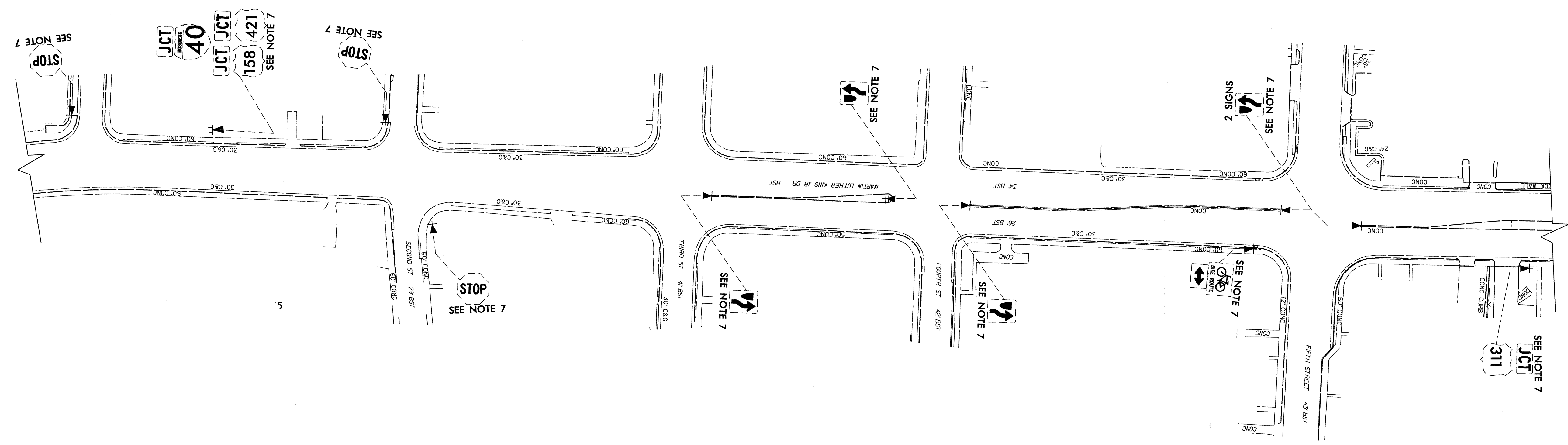
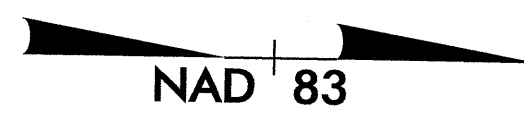


PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING SIGNS

23-DEC-2010 16:06
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TIP NO. U-28268	SHEET NO. SIGN-27
APPROVED: <i>RW King</i>	
DATE: 1/5/11	
SEAL	
	

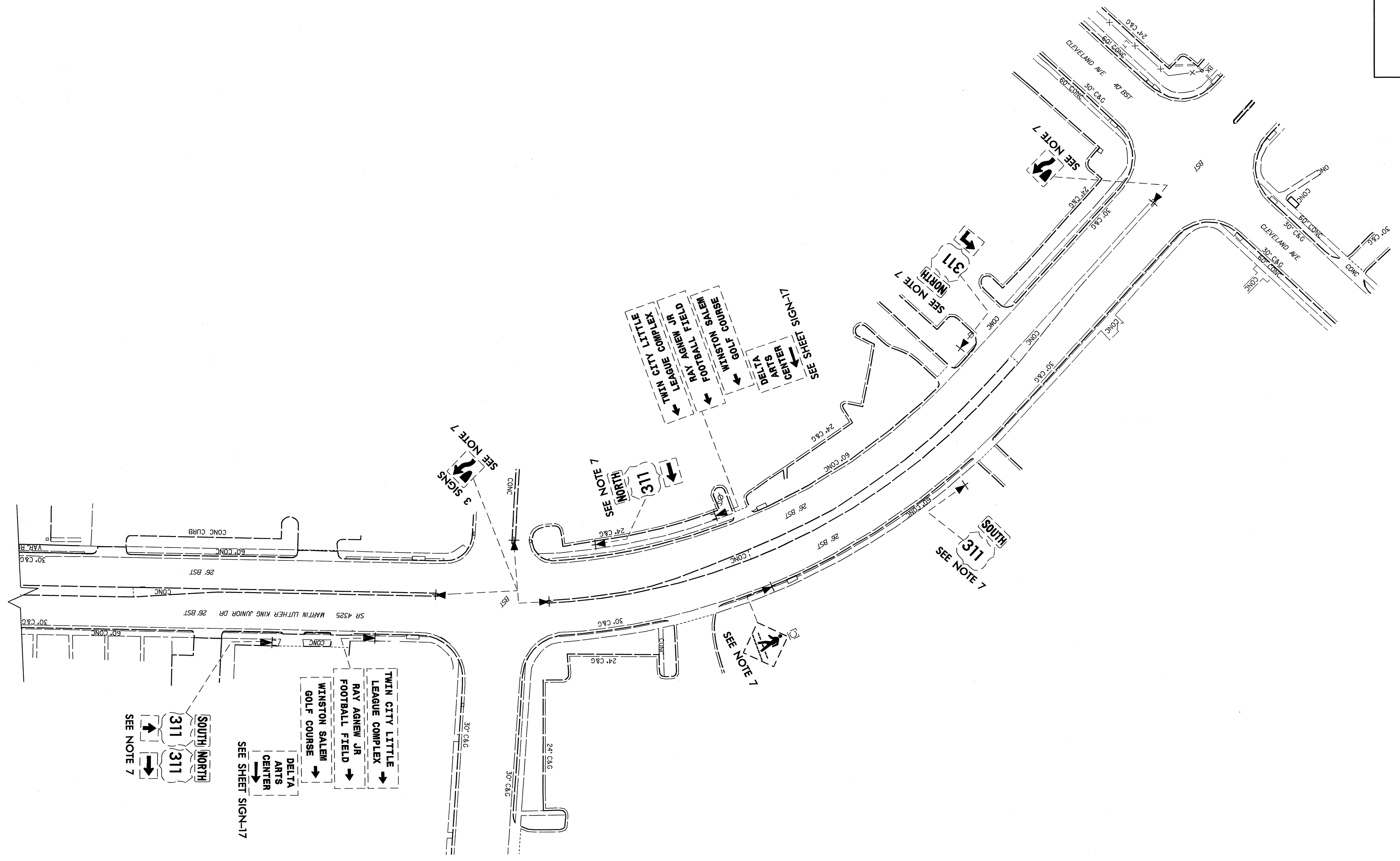
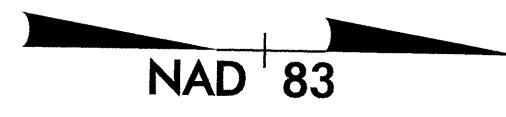


PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING SIGNS

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 Dennis AT 12/27/10

TIP NO. U-2826B	SHEET NO. SIGN-28
APPROVED: <i>[Signature]</i>	
DATE: 1/5/11	
SEAL	



PAY ITEM NOTES	
1	DISPOSAL OF SIGN, A OR B (OVERHEAD)
2	SIGN ERECTION, TYPE A (OVERHEAD)
3	DISPOSAL OF SUPPORT, STEEL BEAM
4	RELOCATE SIGN, TYPE B (GROUND MOUNTED)
5	DISPOSAL OF SUPPORT, U-CHANNEL
6	RELOCATE SIGN, TYPE D
7	DISPOSAL OF SIGN SYSTEM, U-CHANNEL
8	DISPOSAL OF SIGN SYSTEM, STEEL BEAM

EXISTING SIGNS

04-11-2011 10:23 AM
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