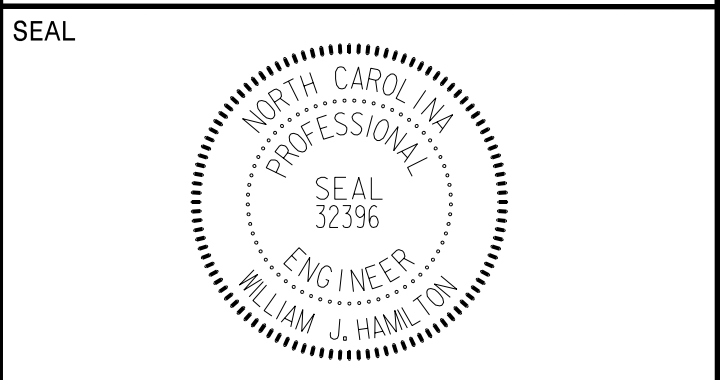


APPROVED: *William J. Hamilton*  
REGISTERED PROFESSIONAL ENGINEER  
 DATE: 3/15/2021



**DOCUMENT NOT CONSIDERED FINAL  
 UNLESS ALL SIGNATURES COMPLETED**

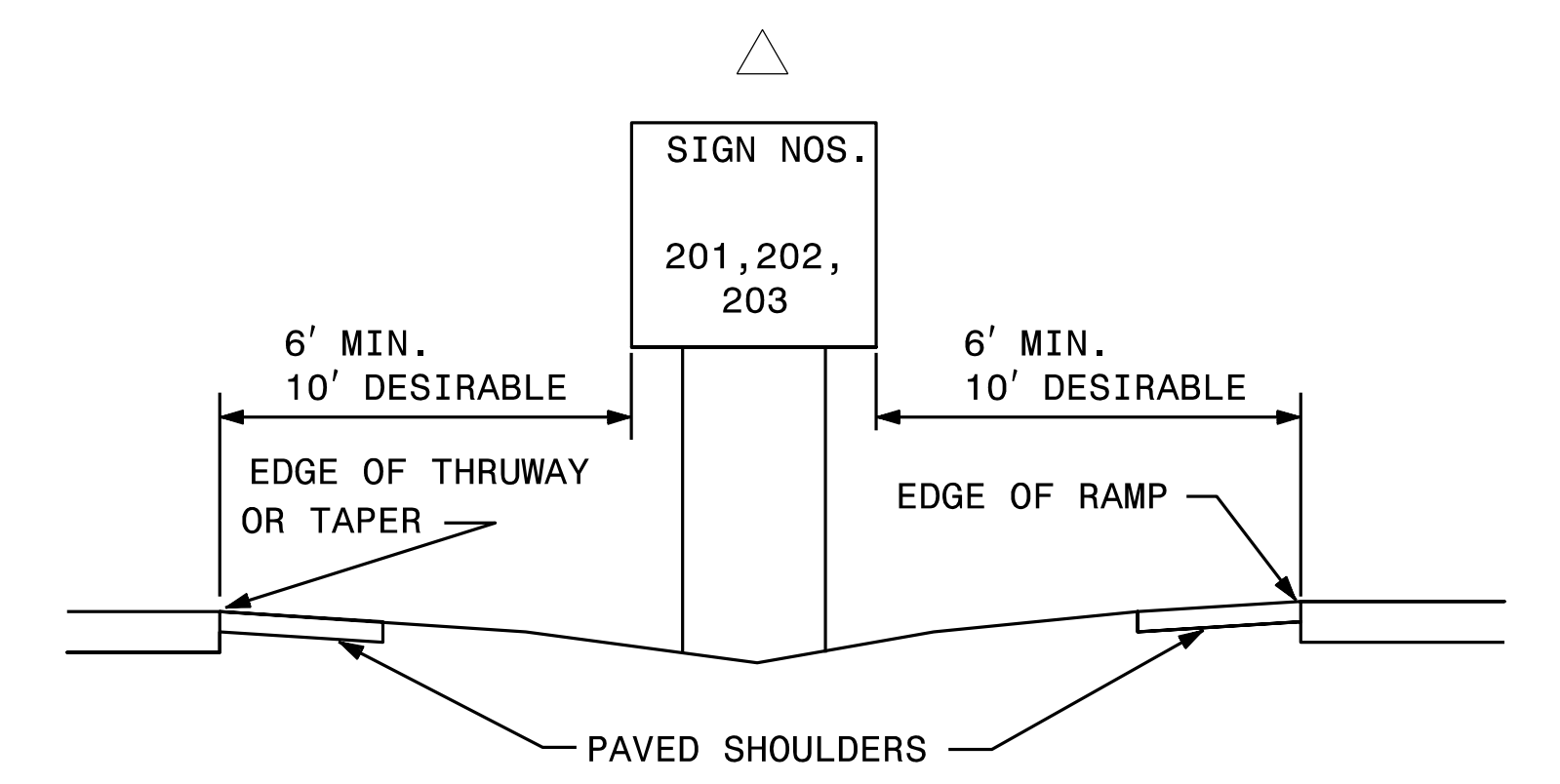
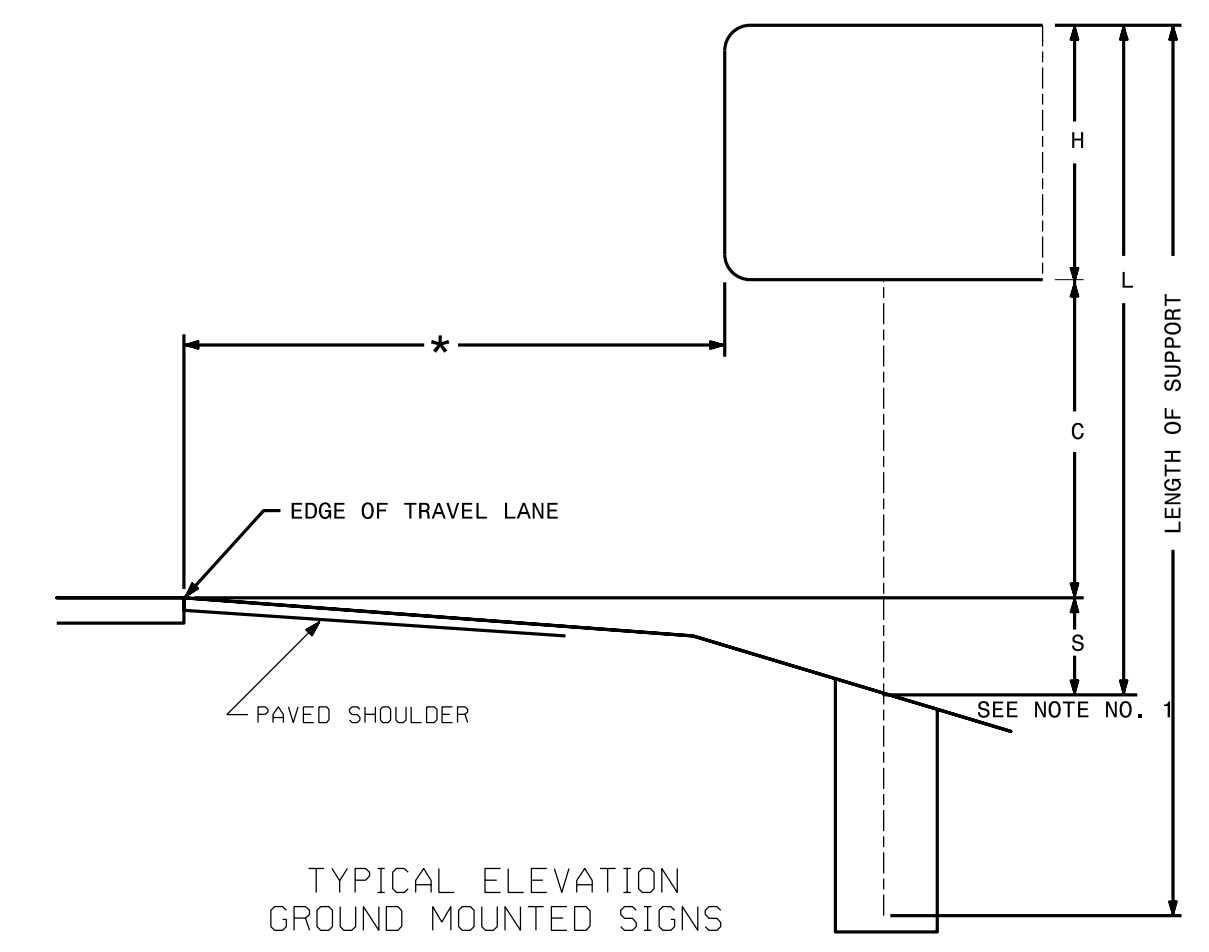


NUMBER	SIGN		ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			SUPPORT WEIGHTS		FOOTINGS				FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
	TYPE	SIZE (in.)										SNS HT	MTG HT	EMBED-MENT	S	L	LENGTH	S	L	LENGTH	S	L	LENGTH	B/A (lbs.)	SIMPLE (lbs.)	DIAMETER (ft.)	DEPTH (ft.)	REINFORCED (c.y.)	PLAIN (c.y.)	
	w	x										h	"H"	"C"																
101	A	132 x 24	-L- 1257+50 +/- RT	2	S4x7.7	BA	N/A	N/A	N/A	30.00	6.45	2.00	7.00	2.5	5.13	14.13	16.63	0.00	0.00	0.00	8.80	17.80	20.30	324.36	0	1.0	3	0.00	0.17	
102	A	132 x 24	-L- 1257+50 +/- LT	2	S4x7.7	BA	N/A	N/A	N/A	30.00	6.45	2.00	7.00	2.5	5.01	14.01	16.51	0.00	0.00	0.00	8.68	17.68	20.18	322.51	0	1.0	3	0.00	0.17	
103	A	144 x 48	-L- 1284+00 +/- LT	2	S4x7.7	BA	N/A	N/A	N/A	33.00	7.03	4.00	7.00	3.0	3.23	14.23	17.23	0.00	0.00	0.00	0.73	11.73	14.73	286.09	0	1.0	3.5	0.00	0.20	
104	A	132 x 78	-L- 1286+00 +/- RT	2	W6x12	BA	N/A	N/A	N/A	30.00	6.45	6.50	7.00	3.5	3.64	17.14	20.64	0.00	0.00	0.00	5.70	19.20	22.70	598.08	0	1.5	4	0.52	0.00	
105	A	66 x 30	-L- 1292+50 +/- LT	2	S3x5.7	BA	N/A	N/A	N/A	30.00	3.22	2.50	7.00	2.0	3.23	12.73	14.73	0.00	0.00	0.00	4.14	13.64	15.64	209.11	0	1.0	2.5	0.00	0.15	
106	A	60 x 30	-L- 1306+50 +/- RT	2	S3x5.7	BA	N/A	N/A	N/A	30.00	2.93	2.50	7.00	2.0	3.31	12.81	14.81	0.00	0.00	0.00	4.14	13.64	15.64	209.57	0	1.0	2.5	0.00	0.15	
107	A	90 x 30	-L- 1318+50 +/- RT	2	S3x5.7	BA	N/A	N/A	N/A	30.00	4.40	2.50	7.00	2.0	3.32	12.82	14.82	0.00	0.00	0.00	4.04	13.54	15.54	209.05	0	1.0	2.5	0.00	0.15	
108	A	90 x 30	-L- 1383+50 +/- LT	2	S3x5.7	BA	N/A	N/A	N/A	30.00	4.40	2.50	7.00	2.0	3.31	12.81	14.81	0.00	0.00	0.00	4.04	13.54	15.54	209.00	0	1.0	2.5	0.00	0.15	
901	A	180 x 120	-L- 1265+00 +/- LT	2	W10x22	BA	N/A	N/A	N/A	30.00	8.79	10.00	7.00	4.0	5.01	22.01	26.01	0.00	0.00	0.00	10.01	27.01	31.01	1492.44	0	2.5	4.5	1.64	0.00	
902	A	180 x 120	-L- 1294+00 +/- RT	2	W6x12	BA	N/A	N/A	N/A	30.00	8.79	10.00	8.03	4.0	-1.03	17.00	21.00	0.00	0.00	0.00	-0.69	17.34	21.34	586.08	0	1.5	4.5	0.59	0.00	
903	A	180 x 120	-L- 1313+00 +/- RT	2	W6x16	BA	N/A	N/A	N/A	30.00	8.79	10.00	7.00	4.5	3.42	20.42	24.92	0.00	0.00	0.00	4.51	21.51	26.01	908.88	0	1.5	5	0.65	0.00	
904	A	144 x 48	-L- 1323+00 +/- LT	2	S4x7.7	BA	N/A	N/A	N/A	33.00	7.03	4.00	7.00	3.0	2.84	13.84	16.84	0.00	0.00	0.00	2.86	13.86	16.86	299.49	0	1.0	3.5	0.00	0.20	
905	A	180 x 138	-L- 1324+00 +/- LT	2	W6x16	BA	N/A	N/A	N/A	33.00	8.79	11.50	7.00	4.5	2.27	20.77	25.27	0.00	0.00	0.00	2.18	20.68	25.18	901.20	0	1.5	5	0.65	0.00	
906	A	90 x 84	-Y18RPC- 15+50 +/- RT	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	7.00	7.00	3.0	1.56	15.56	18.56	0.00	0.00	0.00	2.29	16.29	19.29	331.45	0	1.0	3.5	0.00	0.20	
907	A	90 x 72	-Y18RPC- 17+00 +/- RT	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	1.55	14.55	17.55	0.00	0.00	0.00	2.28	15.28	18.28	315.89	0	1.0	3.5	0.00	0.20	
908	A	90 x 84	-Y18RPC- 15+50 +/- LT	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	7.00	7.00	3.0	1.21	15.21	18.21	0.00	0.00	0.00	1.94	15.94	18.94	326.06	0	1.0	3.5	0.00	0.20	
909	A	90 x 84	-Y18RPA- 17+00 +/-	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	7.00	7.00	3.0	1.40	15.40	18.40	0.00	0.00	0.00	2.28	16.28	19.28	330.14	0	1.0	3.5	0.00	0.20	
910	A	90 x 72	-Y18RPA- 17+00 +/-	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	1.49	14.49	17.49	0.00	0.00	0.00	2.96	15.96	18.96	320.67	0	1.0	3.5	0.00	0.20	
911	A	90 x 84	-Y18RPA- 15+50 +/-	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	7.00	7.00	3.0	1.03	15.03	18.03	0.00	0.00	0.00	2.27	16.27	19.27	327.21	0	1.0	3.5	0.00	0.20	
912	A	180 x 138	-L- 1361+00 +/- LT	2	W8x18	BA	N/A	N/A	N/A	30.00	8.79	11.50	7.00	4.0	3.23	21.73	25.73	0.00	0.00	0.00	1.80	20.30	24.30	1040.54	0	2.0	4.5	1.05	0.00	
913	A	180 x 120	-L- 1369+00 +/- LT	2	W6x16	BA	N/A	N/A	N/A	33.00	8.79	10.00	7.00	4.5	3.23	20.23	24.73	0.00	0.00	0.00	2.43	19.43	23.93	872.56	0	1.5	5	0.65	0.00	
914	A	300 x 114	-L- 1373+00 +/- RT	3	W8x21	BA	N/A	N/A	N/A	30.00	8.88	9.50	7.00	4.5	5.13	21.63	26.13	0.00	16.50	21.00	8.09	24.59	29.09	1819.62	0	2.0	5	1.75	0.00	
915	A	210 x 60	-L- 1379+50 +/- RT	2	W6x9	BA	N/A	N/A	N/A	30.00	10.26	5.00	7.00	3.5	3.31	15.31	18.81	0.00	0.00	0.00	1.53	13.53	17.03	386.56	0	1.5	4	0.52	0.00	
916	A	120 x 96	-L- 1386+50 +/- RT	2	W6x12	BA	N/A	N/A	N/A	30.00	5.86	8.00	7.00	3.5	3.31	18.31	21.81	0.00	0.00	0.00	4.28	19.28	22.78	613.08	0	1.5	4	0.52	0.00	
917	A	180 x 138	-L- 1379+00 +/- LT	3	W6x16	BA	N/A	N/A	N/A	30.00	5.33	11.50	7.00	4.0	2.85	21.35	25.35	0.00	18.50	22.50	3.60	22.10	26.10	1324.20	0	1.5	4.5	0.88	0.00	
918	A	210 x 54	-Y19RPCA- 15+50 +/-	2	W6x9	BA	N/A	N/A	N/A	18.00	10.26	4.50	7.00	3.0	1.71	13.21	16.21	0.00	0.00	0.00	3.42	14.92	17.92	371.17	0	1.5	3.5	0.46	0.00	
919	A	300 x 114	-Y19RPCA- 18+00 +/-	3	W6x16	BA	N/A	N/A	N/A	18.00	8.88	9.50	7.00	4.5	1.63	18.13	22.63	0.00	16.50	21.00	3.10	19.60	24.10	1224.68	0	1.5	5	0.98	0.00	
201	A	78 x 60	-L- STA. 1335+60 +/-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	3.81	5.00	7.00	2.5	0.50	12.50	15.00	0.00	0.00	0.00	0.50	12.50	15.00	207.00	0	1.0	3	0.00	0.17	
202	A	78 x 60	-L- 1348+75 +/-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	3.81	5.00	7.00	2.5	0.50	12.50	15.00	0.00	0.00	0.00	0.50	12.50	15.00	207.00	0	1.0	3	0.00	0.17	
203	A	78 x 60	-L- 1399+75 +/-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	3.81	5.00	7.00	2.5	0.50	12.50	15.00	0.00	0.00	0.00	0.50	12.50	15.00	207.00	0	1.0	3	0.00	0.17	
109A	A	180 x 162	-L- 1376+50 RT	2	W10x26	BA	N/A	N/A	N/A	30.00	8.79	16.00	7.00	4.5	3.76	26.76	31.26	0.00	0.00	0.00	5.50	28.50	33.00	1950.76	0	2.5	5	1.82	0.00	
109B	B	114 x 30	-L- 1376+50 RT	2	W10x26	BA	N/A	N/A	N/A	30.00	8.79	16.00	7.00	4.5	3.76	26.76	31.26	0.00	0.00	0.00	5.50	28.50	33.00	1950.76	0	2.5	5	1.82	0.00	
110A	A	180 x 162	-L- 1394+00 RT	2	W14x30	BA	N/A	N/A	N/A	30.00	8.79	16.00	7.00	4.5	5.13	28.13	32.63	0.00	0.00	0.00	8.06	31.06	35.56	2455.70	0	3.0	5	2.62	0.00	
110B	B	114 x 30	-L- 1394+00 RT	2	W14x30	BA	N/A	N/A	N/A	30.00	8.79	16.00	7.00	4.5	5.13	28.13	32.63	0.00	0.00	0.00	8.06	31.06	35.56	2455.70	0	3.0	5	2.62	0.00	

TOTAL	TOTAL	TOTAL	TOTAL
21187.13	0.00	15.31	3.08
USE:	21188.00	0.00	16.00 4.00

**NOTES**

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

Y:\21187\111-4543-4578-8C98-40B30D17B086\DRAWINGS\RD\111-4543-4578-8C98-40B30D17B086-01.dwg  
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 WJH