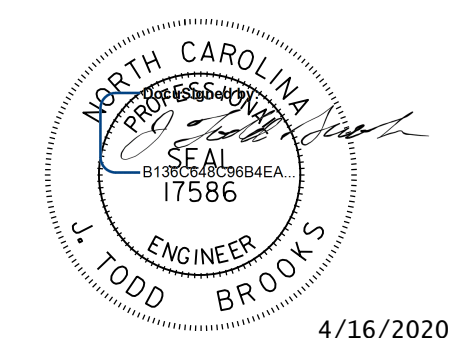
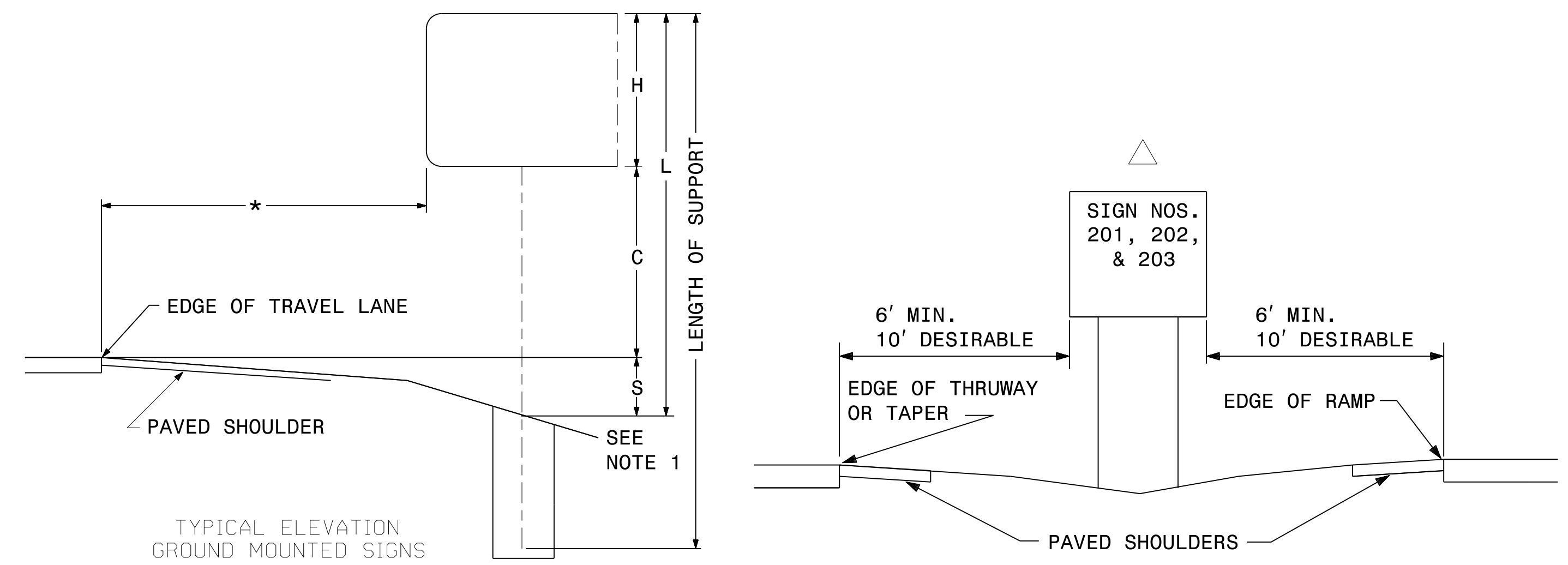


TIP NO. R-2233BB	SHEET NO. SIGN-2
APPROVED: _____	
DATE: _____	
SEAL	
	
4/16/2020	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	



SIGN		SIZE (in.)			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)
NUMBER	TYPE	w	x	h										SNS HT "H"	MTG HT "C"	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.)	
101A	B	114	x	30	810+00 -L3- NB	2	W8x18	BA	N/A	1-R	N/A	30.00	9.38	10.00	16.41	4.5	-4.71	21.70	26.20	0.00	0.00	0.00	-9.41	17.00	21.50	998.60	0	2.0	5	1.16	0.00	_____
101B	A	192	x	120	810+00 -L3- NB	2	W8x18	BA	N/A	1-R	N/A	30.00	9.38	10.00	16.41	4.5	-4.71	21.70	26.20	0.00	0.00	0.00	-9.41	17.00	21.50	998.60	0	2.0	5	1.16	0.00	_____
102A	B	114	x	30	838+50 -L3- NB	2	W12x26	S	N/A	1-R	N/A	17.60	9.38	12.00	7.00	4.5	3.57	22.57	27.07	0.00	0.00	0.00	8.28	27.28	31.78	0.00	1530.1	2.5	5	1.82	0.00	_____
102B	A	192	x	144	838+50 -L3- NB	2	W12x26	S	N/A	1-R	N/A	17.60	9.38	12.00	7.00	4.5	3.57	22.57	27.07	0.00	0.00	0.00	8.28	27.28	31.78	0.00	1530.1	2.5	5	1.82	0.00	_____
103A	B	114	x	30	927+15 -L3- SB	2	W8x21	S	N/A	1-R	N/A	17.60	9.38	10.00	7.00	4.5	2.82	19.82	24.32	0.00	0.00	0.00	6.16	23.16	27.66	0.00	1091.58	2.0	5	1.16	0.00	_____
103B	A	192	x	120	927+15 -L3- SB	2	W8x21	S	N/A	1-R	N/A	17.60	9.38	10.00	7.00	4.5	2.82	19.82	24.32	0.00	0.00	0.00	6.16	23.16	27.66	0.00	1091.58	2.0	5	1.16	0.00	_____
104A	B	114	x	30	898+50 -L3- SB	2	W6x12	S	N/A	1-R	N/A	30.00	9.38	10.00	7.00	4.0	-2.32	14.68	18.68	0.00	0.00	0.00	-7.02	9.98	13.98	0.00	391.92	1.5	4.5	0.59	0.00	_____
104B	A	192	x	120	898+50 -L3- SB	2	W6x12	S	N/A	1-R	N/A	30.00	9.38	10.00	7.00	4.0	-2.32	14.68	18.68	0.00	0.00	0.00	-7.02	9.98	13.98	0.00	391.92	1.5	4.5	0.59	0.00	_____
105A	B	114	x	30	815+00 -L3- SB	3	W12x26	S	N/A	1-R	N/A	17.60	5.86	11.50	7.00	4.5	9.48	27.98	32.48	6.64	25.14	29.64	3.81	22.31	26.81	0.00	2312.18	2.5	5	2.73	0.00	_____
105B	A	198	x	36	815+00 -L3- SB	3	W12x26	S	N/A	1	N/A	17.60	5.86	11.50	7.00	4.5	9.48	27.98	32.48	6.64	25.14	29.64	3.81	22.31	26.81	0.00	2312.18	2.5	5	2.73	0.00	_____
105C	A	198	x	138	815+00 -L3- SB	3	W12x26	S	N/A	N/A	N/A	17.60	5.86	11.50	7.00	4.5	9.48	27.98	32.48	6.64	25.14	29.64	3.81	22.31	26.81	0.00	2312.18	2.5	5	2.73	0.00	_____
106	A	108	x	60	796+50 -L3- SB	2	W6x9	S	N/A	N/A	N/A	17.60	5.27	5.00	7.00	2.5	3.73	15.73	18.23	0.00	0.00	0.00	6.35	18.35	20.85	0.00	351.72	1.5	3	0.39	0.00	_____
108A	B	114	x	30	780+50 -L3- SB	3	W18x40	S	N/A	1-R	N/A	17.60	5.86	13.50	7.00	4.5	3.98	24.48	28.98	6.91	27.41	31.91	9.85	30.35	34.85	0.00	3829.6	3.0	5	3.93	0.00	_____
108B	A	198	x	36	780+50 -L3- SB	3	W18x40	S	N/A	1	N/A	17.60	5.86	13.50	7.00	4.5	3.98	24.48	28.98	6.91	27.41	31.91	9.85	30.35	34.85	0.00	3829.6	3.0	5	3.93	0.00	_____
108C	A	198	x	162	780+50 -L3- SB	3	W18x40	S	N/A	N/A	N/A	17.60	5.86	13.50	7.00	4.5	3.98	24.48	28.98	6.91	27.41	31.91	9.85	30.35	34.85	0.00	3829.6	3.0	5	3.93	0.00	_____
110	B	90	x	48	34+00 -Y2- EB	2	S3x5.7	BA	N/A	N/A	N/A	12.00	4.40	4.00	9.02	2.5	-0.09	12.93	15.43	0.00	0.00	0.00	-2.02	11.00	13.50	200.89	0	1.0	3	0.00	0.17	_____
112	B	84	x	48	23+60 -RPA-	2	S3x5.7	BA	N/A	N/A	N/A	18.00	4.10	4.00	7.00	2.5	1.46	12.46	14.96	0.00	0.00	0.00	2.14	13.14	15.64	210.42	0	1.0	3	0.00	0.17	_____
113	A	84	x	54	19+50 -LPD-	2	S3x5.7	BA	N/A	N/A	N/A	12.00	4.10	4.50	7.09	2.5	-0.09	11.50	14.00	0.00	0.00	0.00	0.94	12.53	15.03	201.47	0	1.0	3	0.00	0.17	_____
114	A	102	x	96	20+00 -Y3- EB	2	W6x9	S	N/A	N/A	N/A	9.60	4.98	8.00	7.00	3.0	-0.68	14.32	17.32	0.00	0.00	0.00	1.49	16.49	19.49	0.00	331.29	1.5	3.5	0.46	0.00	_____
115	A	96	x	84	31+50 -Y3- EB	2	S4x7.7	BA	N/A	N/A	N/A	22.00	4.69	7.00	7.00	3.0	0.61	14.61	17.61	0.00	0.00	0.00	1.42	15.42	18.42	317.43	0	1.0	3.5	0.00	0.20	_____
116	A	96	x	84	34+50 -Y3- WB	2	S4x7.7	BA	N/A	N/A	N/A	12.00	4.69	7.00	7.00	3.0	1.16	15.16	18.16	0.00	0.00	0.00	1.83	15.83	18.83	324.82	0	1.0	3.5	0.00	0.20	_____
117	A	84	x	60	19+19 -Y4- NB	2	S3x5.7	BA	N/A	N/A	N/A	10.00	4.10	5.00	7.09	2.5	-0.09	12.00	14.50	0.00	0.00	0.00	-0.06	12.03	14.53	201.47	0	1.0	3	0.00	0.17	_____
201A	A	78	x	60	14+21 -LPD-	2	S4x7.7	BA	N/A	N/A	N/A	Δ	3.81	7.00	7.21	3.0	0.47	14.68	17.68	0.00	0.00	0.00	-0.21	14.00	17.00	307.04	0	1.0	3.5	0.00	0.20	_____
201B	B	78	x	24	14+21 -LPD-	2	S4x7.7	BA	N/A	N/A	II	Δ	3.81	7.00	7.21	3.0	0.47	14.68	17.68	0.00	0.00	0.00	-0.21	14.00	17.00	307.04	0	1.0	3.5	0.00	0.20	_____
202	A	78	x	60	14+51 -RPA-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	3.81	5.00	7.00	2.5	1.59	13.59	16.09	0.00	0.00	0.00	0.98	12.98	15.48	215.95	0	1.0	3	0.00	0.17	_____
203A	A	78	x	60	12+26 -LPB-	2	S4x7.7	BA	N/A	N/A	N/A	Δ	3.81	7.00	7.00	3.0	2.05	16.05	19.05	0.00	0.00	0.00	1.48	15.48	18.48	328.98	0	1.0	3.5	0.00	0.20	_____
203B	B	78	x	24	12+26 -LPB-	2	S4x7.7	BA	N/A	N/A	II	Δ	3.81	7.00	7.00	3.0	2.05	16.05	19.05	0.00	0.00	0.00	1.48	15.48	18.48	328.98	0	1.0	3.5	0.00	0.20	_____

TOTAL	3307.07	TOTAL	9838.39	TOTAL	12.24	TOTAL	1.69
USE:	3308.00	9839.00		13.00	2.00		

NOTES

1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF TRAVEL LANE.
2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES
3. 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.



2610 WYCLIFF ROAD
RALEIGH, NC 27607
SUITE 410
PHONE: 919.881.9939
NC COA No. F-0929

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

I6-APR-2020 14:22 \\RAVENROCK\Projects\50075420\CAD\Civil\AR-2233BB\Traffic\Signing\Plans\AR-2233BB-SIGN-2.dgn AT PC00AT3U abeshah