

# TYPE 'A' & 'B' GROUND MOUNTED SIGNS

TIP NO. R-2707D	SHEET NO. SIGN-2
APPROVED: <i>Betsy L. Watson</i>	
DATE: 4/27/2023	
<p><b>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</b></p>	

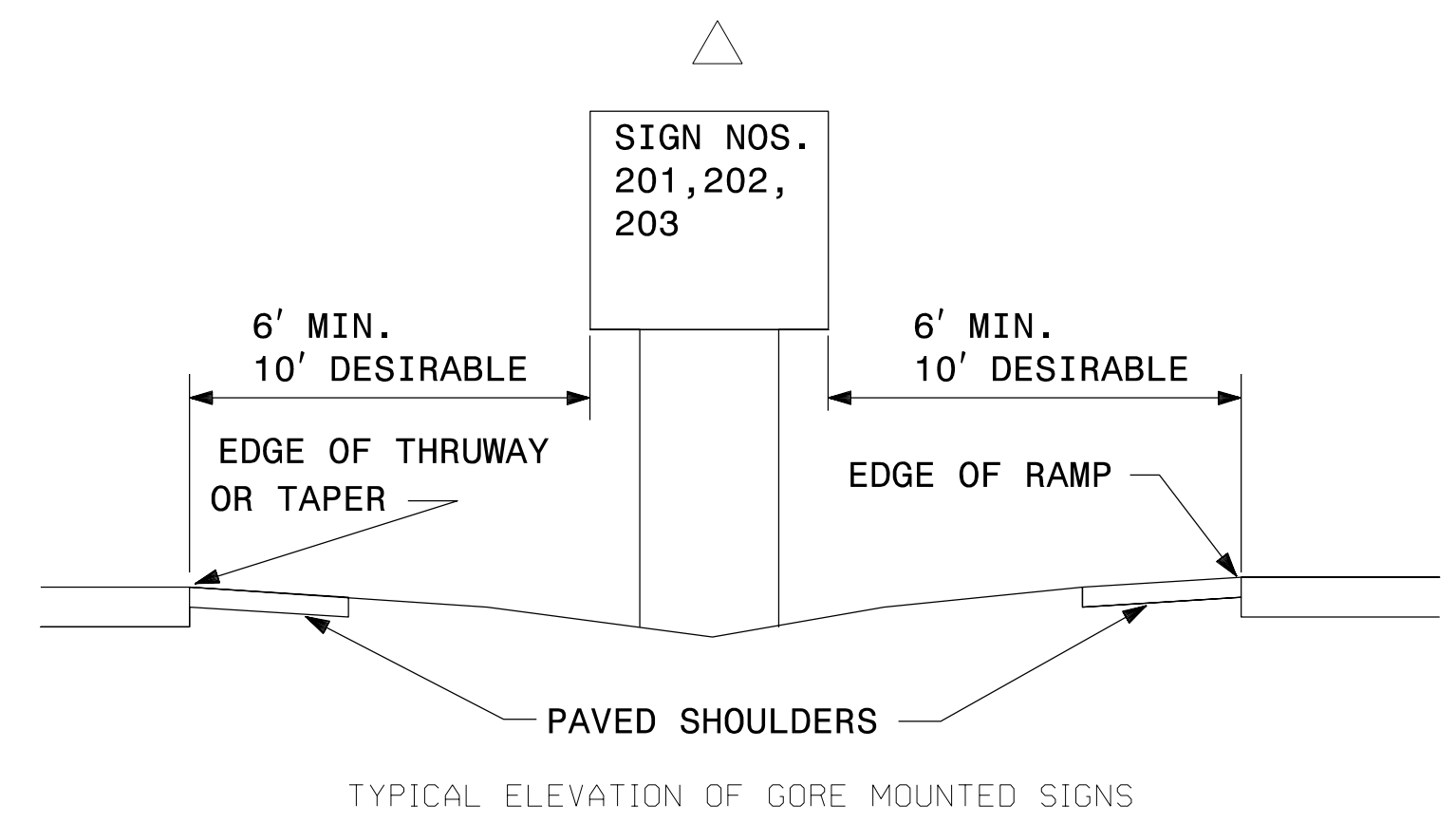
## SUPPORT CHART

Version: 3.1 Posted: 6/2/2017

SIGN NUMBER	TYPE	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)				
		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.)					
101	A	120	x	72	-L- 655+00	2	W6x9	S	N/A	N/A	N/A	18.00	5.86	6.00	7.00	3.0	2.51	15.51	18.51	0.00	0.00	0.00	5.24	18.24	21.24	0.00	357.75	1.5	3.5	0.46	0.00	_____				
102A	B	132	x	30	-L- 669+00	2	W14x30	S	N/A	1-R	N/A	18.00	10.55	11.00	7.00	4.5	4.08	22.08	26.58	0.00	0.00	0.00	9.35	27.35	31.85	0.00	1752.9	3.0	5	2.62	0.00	_____				
102B	A	216	x	132																																
103A	B	132	x	30	-L- 709+00	2	W6x16	BA	N/A	II	N/A	31.00	6.45	12.50	7.00	4.0	2.56	22.06	26.06	0.00	0.00	0.00	0.02	19.52	23.52	887.28	0	1.5	4.5	0.59	0.00	_____				
103B	A	132	x	120																																
104A	B	132	x	30	-L- 706+00	2	W10x26	BA	N/A	1-R	N/A	30.00	10.55	11.00	9.15	4.5	2.55	22.70	27.20	0.00	0.00	0.00	-2.15	18.00	22.50	1572.20	0	2.5	5	1.82	0.00	_____				
104B	A	216	x	132																																
105A	B	132	x	30	-L- 762+50	2	W6x16	S	N/A	II	N/A	18.00	6.45	12.50	7.00	4.5	2.19	21.69	26.19	0.00	0.00	0.00	3.02	22.52	27.02	0.00	851.36	1.5	5	0.65	0.00	_____				
105B	A	132	x	120																																
106	A	192	x	66	-L- 784+00	2	W6x16	S	N/A	N/A	N/A	18.00	9.38	5.50	7.00	3.5	3.88	16.38	19.88	0.00	0.00	0.00	7.09	19.59	23.09	0.00	687.52	1.5	4	0.52	0.00	_____				
107	A	180	x	90	-L- 800+00	2	W6x16	BA	N/A	N/A	N/A	30.00	8.79	7.50	7.97	4.0	2.70	18.17	22.17	0.00	0.00	0.00	-0.97	14.50	18.50	744.72	0	1.5	4.5	0.59	0.00	_____				
108	A	90	x	108	-Y14- 45+00	2	W6x9	BA	N/A	N/A	N/A	12.00	4.40	9.00	7.00	3.0	1.02	17.02	20.02	0.00	0.00	0.00	2.12	18.12	21.12	434.26	0	1.5	3.5	0.46	0.00	_____				
109	A	102	x	90	-Y5_EBL- 40+00	2	W6x9	BA	N/A	N/A	N/A	30.00	4.98	7.50	7.00	3.0	2.18	16.68	19.68	0.00	0.00	0.00	2.67	17.17	20.17	422.65	0	1.5	3.5	0.46	0.00	_____				
110	A	96	x	78	-Y5_EBL- 36+00	2	S4x7.7	BA	N/A	N/A	N/A	30.00	4.69	6.50	7.00	3.0	1.31	14.81	17.81	0.00	0.00	0.00	1.08	14.58	17.58	312.50	0	1.0	3.5	0.00	0.20	_____				
111	A	150	x	132	50FT ADVANCE OF EXSTING	2	W6x12	BA	N/A	N/A	N/A	20.00	7.33	11.00	7.74	4.0	-0.08	18.66	22.66	0.00	0.00	0.00	-0.74	18.00	22.00	613.92	0	1.5	4.5	0.59	0.00	_____				
112	A	150	x	132	-Y6- 20+50	2	W6x16	BA	N/A	N/A	N/A	20.00	7.33	11.00	7.00	4.5	3.13	21.13	25.63	0.00	0.00	0.00	4.96	22.96	27.46	943.44	0	1.5	5	0.65	0.00	_____				
113	A	150	x	150	-Y6- 15+50	2	W6x16	BA	N/A	N/A	N/A	22.00	7.33	12.50	7.00	4.5	2.58	22.08	26.58	0.00	0.00	0.00	3.17	22.67	27.17	954.00	0	1.5	5	0.65	0.00	_____				
114	A	156	x	60	-Y14RPA- 12+50	2	W6x12	BA	N/A	N/A	N/A	18.00	7.62	5.00	7.00	3.0	3.20	15.20	18.20	0.00	0.00	0.00	5.50	17.50	20.50	542.40	0	1.5	3.5	0.46	0.00	_____				
115	A	84	x	108	-Y14- 36+50	2	W6x9	BA	N/A	N/A	N/A	12.00	4.10	9.00	7.00	3.0	0.84	16.84	19.84	0.00	0.00	0.00	1.86	17.86	20.86	430.30	0	1.5	3.5	0.46	0.00	_____				
116	A	156	x	60	-Y14RPC- 9+00	2	W6x9	BA	N/A	N/A	N/A	18.00	7.62	5.00	7.00	3.0	2.20	14.20	17.20	0.00	0.00	0.00	3.47	15.47	18.47	385.03	0	1.5	3.5	0.46	0.00	_____				
201A	A	96	x	60	-L- 818+75	2	S4x7.7	BA	N/A	N/A	N/A	Δ	4.69	7.00	7.00	3.0	0.50	14.50	17.50	0.00	0.00	0.00	0.50	14.50	17.50	309.50	0	1.0	3.5	0.00	0.20	_____				
201B	B	96	x	24																																
202	A	72	x	60	-RAMP_D- 28+00	2	S3x5.7	BA	N/A	N/A	N/A	Δ	3.52	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	96	x	60	-L- 842+60	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	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	_____				
204	A	96	x	60	-L- 82+00	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	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	_____				
205	A	96	x	60	-L- 622+50	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	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	_____				
																								TOTAL	TOTAL	TOTAL				TOTAL						
																								9380.20	3649.53	11.44				1.11						
																								USE:	9381.00	3650.00	12.00				2.00					

**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' & 'B'  
GROUND MOUNTED SIGNS**

\$\$\$SYTIME\$\$\$  
 \$\$\$DGN\$\$\$  
 \$\$\$USERNAME\$\$\$