


PROJECT REFERENCE NO. I-5972	SHEET NO. SIGN-2
APPROVED: <i>David J. Sears</i> 089183P28E5741E 9/19/2023	
DATE: 9/19/2023	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

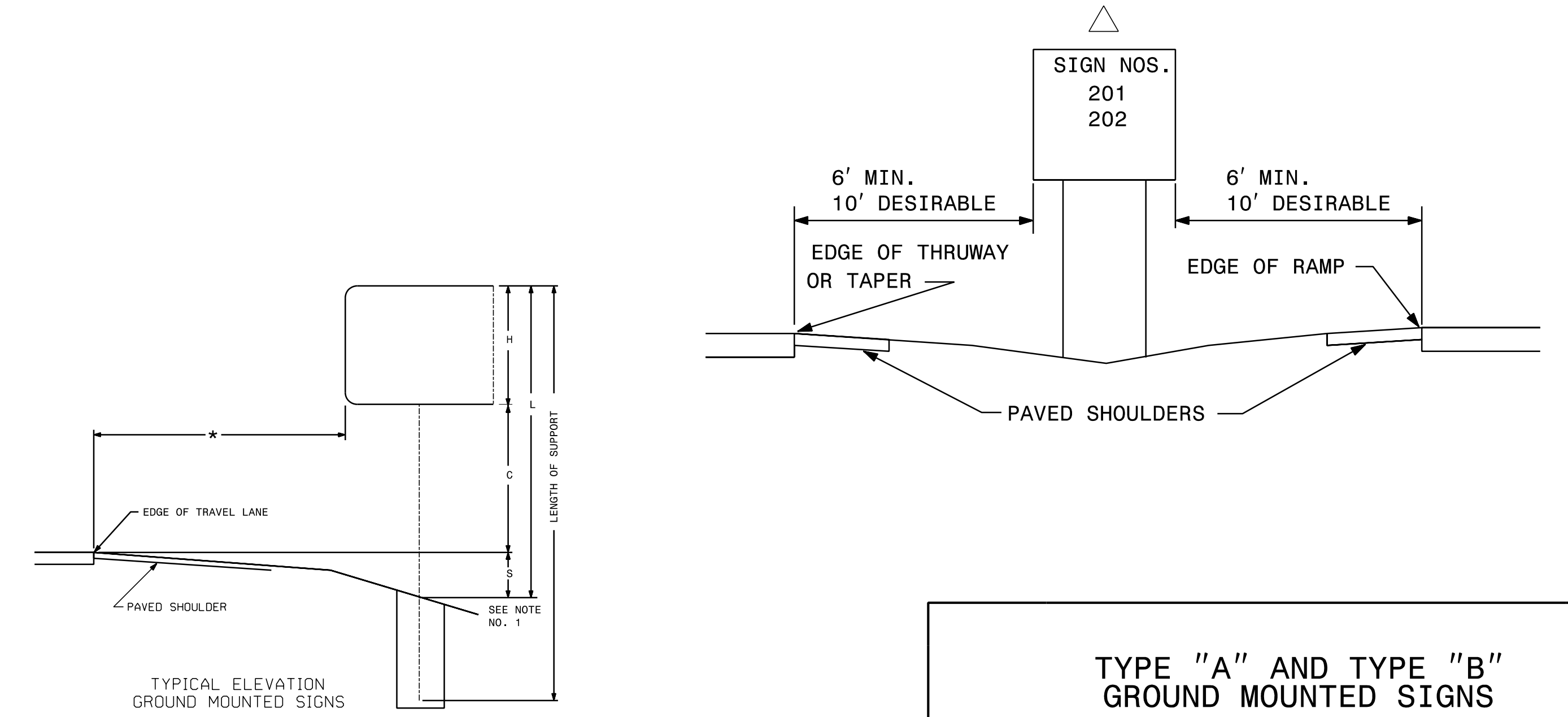
Version: 3.1 Posted: 6/2/2017

NUMBER	SIGN TYPE	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)
		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	OFFSITE	2	W10x26	BA	N/A	1-R	N/A	30.00	8.20	14.00	7.00	4.5	4.03	25.03	29.53	0.00	
101B	A	168	x	168	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.)	
102A	B	114	x	30	L 33+39	2	W14x30	BA	N/A	1-R	N/A	30.00	8.20	15.00	7.00	4.5	4.93	26.93	31.43	0.00	0.00	0.00	6.68	28.68	33.18	2348.21	0.00	3.0	5.0	2.62	0.00	
102B	A	168	x	180										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.)	
103	A	72	x	72	RPD 20+75	2	S4x7.7	BA	N/A	N/A	N/A	30.00	3.52	6.00	7.00	2.5	2.93	15.93	18.43	0.00	0.00	0.00	2.46	15.46	17.96	320.17	0.00	1.0	3.0	0.00	0.17	
104	A	96	x	72	RPD 22+25	2	W6x9	BA	N/A	N/A	N/A	30.00	4.69	6.00	7.00	2.5	3.63	16.63	19.13	0.00	0.00	0.00	4.62	17.62	20.12	417.25	0.00	1.5	3.0	0.39	0.00	
105	A	108	x	108	Y1 30+75	2	W6x9	BA	N/A	N/A	N/A	16.00	5.27	9.00	7.00	3.0	0.80	16.80	19.80	0.00	0.00	0.00	2.12	18.12	21.12	432.22	0.00	1.5	3.5	0.46	0.00	
106	A	78	x	78	Y1 32+50	2	S4x7.7	BA	N/A	N/A	N/A	16.00	3.81	6.50	7.00	3.0	2.34	15.84	18.84	0.00	0.00	0.00	3.29	16.79	19.79	337.47	0.00	1.0	3.5	0.00	0.20	
107	A	78	x	78	Y1 42+30	2	S4x7.7	BA	N/A	N/A	N/A	16.00	3.81	6.50	7.00	3.0	0.66	14.16	17.16	0.00	0.00	0.00	1.61	15.11	18.11	311.57	0.00	1.0	3.5	0.00	0.20	
108	A	108	x	108	Y1 44+00	2	W6x12	BA	N/A	N/A	N/A	16.00	5.27	9.00	7.00	3.5	2.06	18.06	21.56	0.00	0.00	0.00	2.93	18.93	22.43	605.92	0.00	1.5	4.0	0.52	0.00	
109A	A	72	x	60	RPB 17+00	2	S4x7.7	BA	N/A	N/A	N/A	30.25	3.52	6.50	7.00	3.0	4.06	17.56	20.56	0.00	0.00	0.00	4.04	17.54	20.54	356.47	0.00	1.0	3.5	0.00	0.20	
109B	B	90	x	18										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.)	
110A	A	96	x	78	RPB 15+50	2	W6x12	BA	N/A	N/A	N/A	31.00	4.69	8.00	7.00	3.0	4.13	19.13	22.13	0.00	0.00	0.00	4.03	19.03	22.03	607.96	0.00	1.5	3.5	0.46	0.00	
110B	B	96	x	18										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.)	
111	B	102	x	36	L 73+00	2	S3x5.7	BA	N/A	N/A	N/A	30.00	4.98	3.00	7.00	2.5	3.77	13.77	16.27	0.00	0.00	0.00	3.80	13.80	16.30	221.67	0.00	1.0	3.0	0.00	0.17	
112A	B	114	x	30	L 77+11	2	W10x26	BA	N/A	1-R	N/A	30.00	8.20	15.00	7.00	5.0	4.19	26.19	31.19	0.00	0.00	0.00	5.65	27.65	32.65	1939.73	0.00	2.5	5.5	2.00	0.00	
112B	A	168	x	180										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.)	
113	A	66	x	60	Y1 25+00	2	S3x5.7	BA	N/A	N/A	N/A	16.00	3.22	5.00	7.00	2.5	2.33	14.33	16.83	0.00	0.00	0.00	3.40	15.40	17.90	233.93	0.00	1.0	3.0	0.00	0.17	
114	A	132	x	66	Y1 25+70	2	S4x7.7	BA	N/A	N/A	N/A	16.00	6.45	5.50	7.00	3.0	0.81	13.31	16.31	0.00	0.00	0.00	0.62	13.12	16.12	289.72	0.00	1.0	3.5	0.00	0.20	
201	A	78	x	60	L 44+85	1	W6x16	BA	N/A	N/A	N/A	Δ	0.00	5.00	7.00	2.5	0.00	0.00	0.00	0.97	12.97	15.47	0.00	0.00	0.00	294.52	0.00	1.5	3.0	0.20	0.00	
202	A	78	x	60	L 65+84	1	W6x16	BA	N/A	N/A	N/A	Δ	0.00	5.00	7.00	2.5	0.00	0.00	0.00	1.00	13.00	15.50	0.00	0.00	0.00	295.00	0.00	1.5	3.0	0.20	0.00	
901	A	90	x	72	RPD 23+75	2	S4x7.7	BA	N/A	N/A	N/A	30.00	4.40	6.00	7.00	3.0	3.36	16.36	19.36	0.00	0.00	0.00	4.06	17.06	20.06	343.53	0.00	1.0	3.5	0.00	0.20	
902	A	90	x	72	RPD 25+25	2	S4x7.7	BA	N/A	N/A	N/A	30.00	4.40	6.00	7.00	3.0	2.85	15.85	18.85	0.00	0.00	0.00	3.55	16.55	19.55	335.68	0.00	1.0	3.5	0.00	0.20	
903	A	90	x	72	RPD 25+25	2	W6x9	BA	N/A	N/A	N/A	30.00	4.40	6.00	7.00	2.5	4.22	17.22	19.72	0.00	0.00	0.00	4.95	17.95	20.45	425.53	0.00	1.5	3.0	0.39	0.00	
904	A	90	x	72	RPD 26+75	2	W6x9	BA	N/A	N/A	N/A	30.00	4.40	6.00	7.00	2.5	4.97	17.97	20.47	0.00	0.00	0.00	5.67	18.67	21.17	438.75	0.00	1.5	3.0	0.39	0.00	
905	A	90	x	60	RPB 21+50	2	S4x7.7	BA	N/A	N/A	N/A	30.00	4.40	5.00	7.00	3.0	2.87	14.87	17.87	0.00	0.00	0.00	3.74	15.74	18.74	321.88	0.00	1.0	3.5	0.00	0.20	
906	A	90	x	108	RPB 20+00	2	W6x12	BA	N/A	N/A	N/A	30.00	4.40	9.00	7.00	3.0	3.39	19.39	22.39	0.00	0.00	0.00	2.86	18.86	21.86	609.02	0.00	1.5	3.5	0.46	0.00	
907	A	90	x	108	RPB 20+00	2	W6x9	BA	N/A	N/A	N/A	30.00	4.40	9.00	7.00	3.0	2.97	18.97	21.97	0.00	0.00	0.00	2.75	18.75	21.75	457.52	0.00	1.5	3.5	0.46	0.00	
908	A	90	x	108	RPB 18+50	2	W6x12	BA	N/A	N/A	N/A	30.00	4.40	9.00	7.00	3.0	3.61	19.61	22.61	0.00	0.00	0.00	3.40	19.40	22.40	618.14	0.00	1.5	3.5	0.46	0.00	


TOTAL	14396.14	TOTAL	0.00	TOTAL	10.82	TOTAL	1.95
USE:	14397.00		0.00		11.00		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.



08/19/23 15472 SIGN-support char-t.dgn



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