



TIP NO. I - 5987A	SHEET NO. SIGN - 2
APPROVED: <i>William J. Hamilton</i> AS260070484844	
DATE: 5/11/2022	
SEAL 	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	
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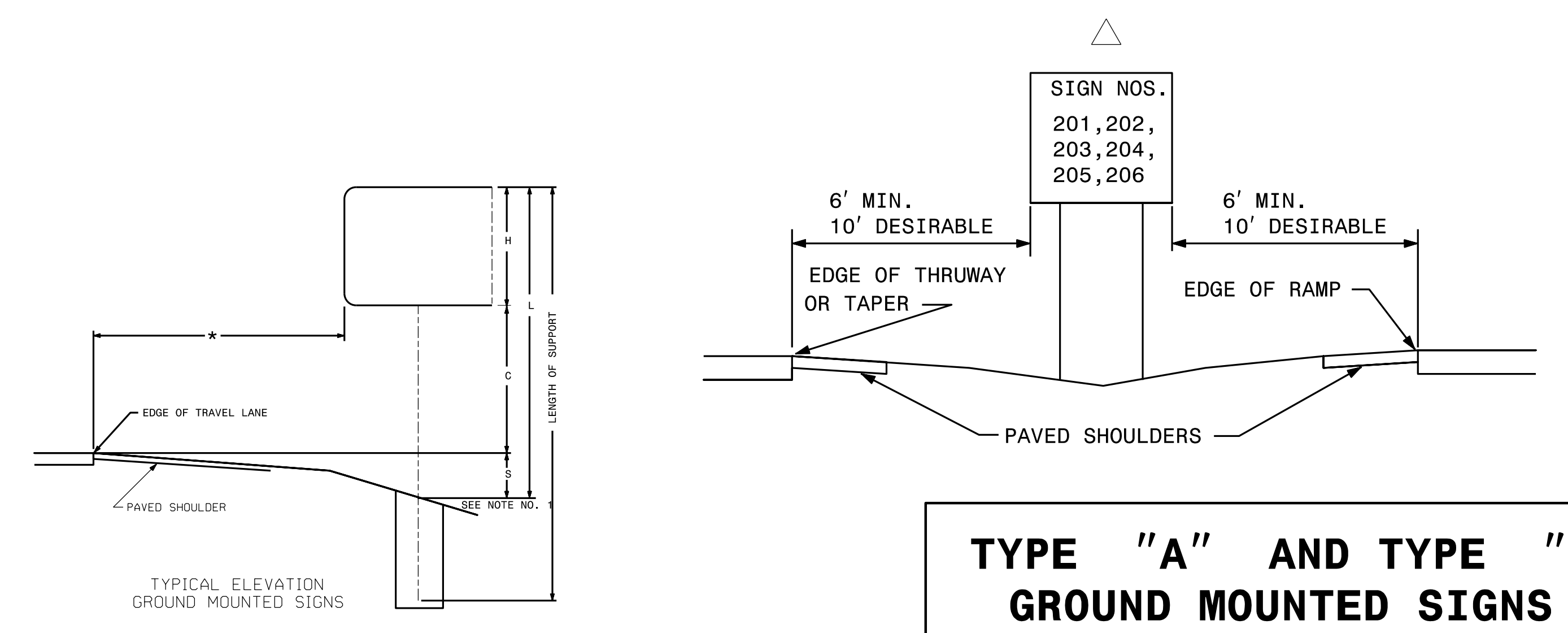
Version: 3.1 Posted: 6/2/2017

NUMBER	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	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.)	
101	A	90	x	72	-Y1RPC- 16+25	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	2.21	15.21	18.21	0.00	0.00	0.00	1.47	14.47	17.47	314.74	0	1.0	3.5	0.00	0.20	
102	A	90	x	72	-Y1RPC- 17+25	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	2.78	15.78	18.78	0.00	0.00	0.00	1.88	14.88	17.88	322.28	0	1.0	3.5	0.00	0.20	
103	A	90	x	84	-Y1RPC- 17+25	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	7.00	7.00	3.0	1.13	15.13	18.13	0.00	0.00	0.00	1.79	15.79	18.79	324.28	0	1.0	3.5	0.00	0.20	
104	A	90	x	72	-Y1RPA- 17+00	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	2.40	15.40	18.40	0.00	0.00	0.00	1.67	14.67	17.67	317.74	0	1.0	3.5	0.00	0.20	
105	A	90	x	72	-Y1RPA- 17+00	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	1.80	14.80	17.80	0.00	0.00	0.00	2.90	15.90	18.90	322.59	0	1.0	3.5	0.00	0.20	
106	A	90	x	84	-Y1RPA- 16+00	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	7.00	7.00	3.0	2.04	16.04	19.04	0.00	0.00	0.00	1.30	15.30	18.30	327.52	0	1.0	3.5	0.00	0.20	
107	A	150	x	54	-L- 114+00	2	W6x12	BA	N/A	N/A	N/A	30.00	7.33	4.50	7.00	3.0	4.58	16.08	19.08	0.00	0.00	0.00	6.41	17.91	20.91	557.88	0	1.5	3.5	0.46	0.00	
108	A	192	x	120	-L- 127+00	2	W8x18	BA	N/A	N/A	N/A	30.00	9.38	10.00	7.00	4.0	5.39	22.39	26.39	0.00	0.00	0.00	6.71	23.71	27.71	1113.80	0	2.0	4.5	1.05	0.00	
109	A	180	x	138	-L- 143+00	2	W10x22	BA	N/A	N/A	N/A	30.00	8.79	11.50	7.00	4.0	5.34	23.84	27.84	0.00	0.00	0.00	7.53	26.03	30.03	1511.14	0	2.5	4.5	1.64	0.00	
110	A	180	x	120	-L- 151+00	2	W8x18	BA	N/A	N/A	N/A	30.00	8.79	10.00	7.00	4.0	5.34	22.34	26.34	0.00	0.00	0.00	7.53	24.53	28.53	1127.66	0	2.0	4.5	1.05	0.00	
111	A	174	x	78	-L- 170+00	2	W6x16	BA	N/A	N/A	N/A	30.00	8.50	6.50	7.00	4.0	5.31	18.81	22.81	0.00	0.00	0.00	7.44	20.94	24.94	858.00	0	1.5	4.5	0.59	0.00	
112	A	180	x	120	-L- 178+00	2	W8x18	BA	N/A	N/A	N/A	30.00	8.79	10.00	7.00	4.0	5.34	22.34	26.34	0.00	0.00	0.00	7.53	24.53	28.53	1127.66	0	2.0	4.5	1.05	0.00	
201	A	78	x	60	-L- 88+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	
202	A	78	x	60	-L- 104+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	84	x	78	-L- 225+00	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.10	6.50	7.00	3.0	0.50	14.00	17.00	0.00	0.00	0.00	0.50	14.00	17.00	229.80	0	1.0	3.5	0.00	0.20	
204	A	84	x	78	-L- 238+60	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.10	6.50	7.00	3.0	0.50	14.00	17.00	0.00	0.00	0.00	0.50	14.00	17.00	229.80	0	1.0	3.5	0.00	0.20	
205	A	78	x	60	-L- 274+80	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	
206	A	78	x	60	-L- 300+25	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	
903	A	90	x	72	-Y1RPC- 16+25	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	1.40	14.40	17.40	0.00	0.00	0.00	2.09	15.09	18.09	313.27	0	1.0	3.5	0.00	0.20	
904	B	132	x	42	-Y1RPC- 18+25	2	S3x5.7	BA	N/A	N/A	N/A	18.00	6.45	3.50	7.00	2.5	1.05	11.55	14.05	0.00	0.00	0.00	1.50	12.00	14.50	198.74	0	1.0	3	0.00	0.17	
905	B	132	x	42	-Y1RPA- 18+00	2	S4x7.7	BA	N/A	N/A	N/A	18.00	6.45	3.50	7.00	3.0	1.67	12.17	15.17	0.00	0.00	0.00	3.28	13.78	16.78	286.02	0	1.0	3.5	0.00	0.20	
906	A	90	x	72	-Y1RPA- 16+00	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	2.35	15.35	18.35	0.00	0.00	0.00	3.45	16.45	19.45	331.06	0	1.0	3.5	0.00	0.20	
907	A	180	x	120	-L- 186+00	2	W8x18	BA	N/A	N/A	N/A	30.00	8.79	10.00	7.00	4.0	5.34	22.34	26.34	0.00	0.00	0.00	7.53	24.53	28.53	1127.66	0	2.0	4.5	1.05	0.00	
908	A	180	x	120	-L- 264+00	2	W8x18	BA	N/A	N/A	N/A	30.00	8.79	10.00	7.00	4.0	3.74	20.74	24.74	0.00	0.00	0.00	5.21	22.21	26.21	1057.10	0	2.0	4.5	1.05	0.00	
909	A	90	x	72	-Y1ARPC- 24+00	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	3.91	16.91	19.91	0.00	0.00	0.00	2.81	15.81	18.81	338.14	0	1.0	3.5	0.00	0.20	
910	A	90	x	72	-Y1ARPA- 24+00	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	3.87	16.91	19.87	0.00	0.00	0.00	2.77	15.77	18.77	337.53	0	1.0	3.5	0.00	0.20	
911	A	180	x	120	-L- 322+00	2	W8x18	BA	N/A	N/A	N/A	30.00	8.79	10.00	7.00	4.0	3.74	20.74	24.74	0.00	0.00	0.00	5.21	22.21	26.21	1057.10	0	2.0	4.5	1.05	0.00	

TOTAL	14559.50	TOTAL	0.00	TOTAL	8.97	TOTAL	3.52
USE:	14560.00		0.00		9.00		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

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