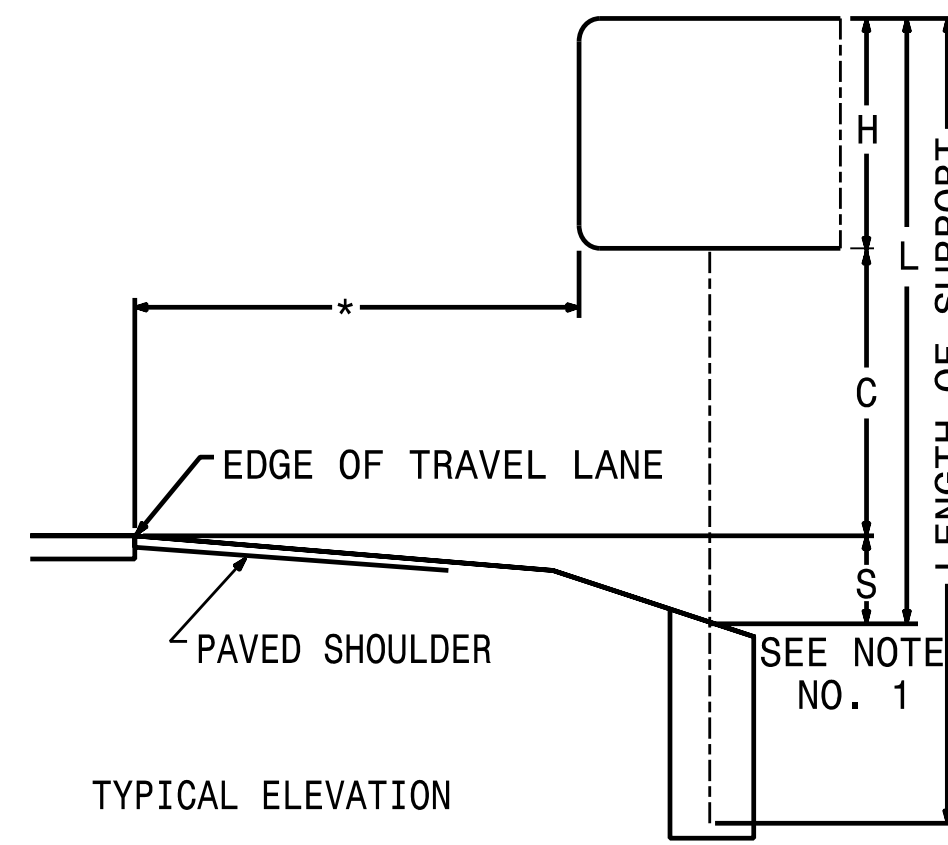


STEEL SUPPORT CHART:

Version: 3.1 Posted: 6/2/2017

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)		
NUMBER	TYPE	SIZE (in.)										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.)			
		w																													x	h
101	A	120	x	102	-L- 57+00	2	W6x16	BA	N/A	N/A	N/A	40.00	7.5 NON-STD. SPACING	8.50	7.00	4.0	8.47	23.97	27.97	0.00	0.00	0.00	9.46	24.96	28.96	1004.88	0	1.5	4.5	0.59	0.00	_____
102	A	114	x	108	-L- 66+90	2	W6x16	BA	N/A	N/A	N/A	34.00	7.5 NON-STD. SPACING	9.00	7.00	4.0	6.98	22.98	26.98	0.00	0.00	0.00	6.89	22.89	26.89	955.92	0	1.5	4.5	0.59	0.00	_____
103	A	144	x	132	-YREV- 48+00 LT	2	W8x18	BA	N/A	N/A	N/A	18.00	7.5 NON-STD. SPACING	11.00	7.00	4.0	3.64	21.64	25.64	0.00	0.00	0.00	6.14	24.14	28.14	1108.04	0	2.0	4.5	1.05	0.00	_____
104	A	114	x	108	-L- 86+50 LT	2	W6x16	BA	N/A	N/A	N/A	30.00	7.5 NON-STD. SPACING	9.00	7.00	4.0	6.26	22.26	26.26	0.00	0.00	0.00	6.20	22.20	26.20	933.36	0	1.5	4.5	0.59	0.00	_____
105	A	120	x	102	-L- 112+00 LT	2	W6x16	BA	N/A	N/A	N/A	28.00	7.5 NON-STD. SPACING	8.50	7.00	4.0	7.45	22.95	26.95	0.00	0.00	0.00	7.74	23.24	27.24	961.04	0	1.5	4.5	0.59	0.00	_____
106	A	120	x	102	-L- 310+50	2	W6x16	BA	N/A	N/A	N/A	18.00	7.5 NON-STD. SPACING	8.50	7.00	4.0	5.04	20.54	24.54	0.00	0.00	0.00	6.68	22.18	26.18	905.52	0	1.5	4.5	0.59	0.00	_____
107	A	156	x	72	-L- 319+00	2	W6x16	BA	N/A	N/A	N/A	30.00	7.62	6.00	7.00	3.5	6.20	19.20	22.70	0.00	0.00	0.00	4.65	17.65	21.15	795.60	0	1.5	4	0.52	0.00	_____
108	A	156	x	72	-L- 325+00	2	W6x12	BA	N/A	N/A	N/A	30.00	7.62	6.00	7.00	3.5	4.54	17.54	21.04	0.00	0.00	0.00	5.57	18.57	22.07	595.32	0	1.5	4	0.52	0.00	_____
109	A	162	x	156	-L- 336+40	2	W6x16	BA	N/A	N/A	N/A	20.00	7.91	13.00	7.00	4.5	1.17	21.17	25.67	0.00	0.00	0.00	1.06	21.06	25.56	913.68	0	1.5	5	0.65	0.00	_____
110	A	108	x	96	-Y14A- 21+00	2	W6x9	BA	N/A	N/A	N/A	10.00	5.27	8.00	7.00	3.0	0.62	15.62	18.62	0.00	0.00	0.00	0.96	15.96	18.96	402.22	0	1.5	3.5	0.46	0.00	_____
111	A	156	x	156	-Y14A- 27+00	2	W8x21	BA	N/A	N/A	N/A	18.00	7.62	13.00	7.00	4.5	3.52	23.52	28.02	0.00	0.00	0.00	5.55	25.55	30.05	1365.47	0	2.0	5	1.16	0.00	_____
112	A	108	x	96	-Y14A- 64+50 LT	2	W6x12	BA	N/A	N/A	N/A	14.00	5.27	8.00	7.00	3.5	2.02	17.02	20.52	0.00	0.00	0.00	3.78	18.78	22.28	591.60	0	1.5	4	0.52	0.00	_____
113	A	174	x	162	-Y14A- 57+50 LT	2	W12x26	BA	N/A	N/A	N/A	22.00	8.50	13.50	7.00	4.5	6.23	26.73	31.23	0.00	0.00	0.00	9.06	29.56	34.06	2049.54	0	2.5	5	1.82	0.00	_____
114	A	144	x	144	-Y14A- 52+50	2	W8x18	S	N/A	N/A	N/A	14.00	7.03	12.00	7.00	4.0	1.66	20.66	24.66	0.00	0.00	0.00	4.01	23.01	27.01	0.00	930.06	2.0	4.5	1.05	0.00	_____
115	A	96	x	96	-Y14A- 44+00	2	W6x12	S	N/A	N/A	N/A	14.00	4.69	8.00	7.00	3.0	2.21	17.21	20.21	0.00	0.00	0.00	3.78	18.78	21.78	0.00	503.88	1.5	3.5	0.46	0.00	_____
116	A	162	x	156	-L- 345+00 LT	2	W8x21	BA	N/A	N/A	N/A	20.00	7.91	13.00	7.00	4.5	4.12	24.12	28.62	0.00	0.00	0.00	2.08	22.08	26.58	1305.20	0	2.0	5	1.16	0.00	_____
117	A	120	x	102	-L- 367+00 LT	2	W6x12	S	N/A	N/A	N/A	14.00	7.5 NON-STD. SPACING	8.50	7.00	3.5	1.56	17.06	20.56	0.00	0.00	0.00	4.06	19.56	23.06	0.00	523.44	1.5	4	0.52	0.00	_____
118	B	90	x	48	-L- 399+00 LT	2	S4x7.7	BA	N/A	N/A	N/A	30.00	4.40	4.00	7.00	3.0	6.28	17.28	20.28	0.00	0.00	0.00	7.23	18.23	21.23	359.63	0	1.0	3.5	0.00	0.20	_____
119	A	126	x	60	-Y22- 30+50	2	S4x7.7	BA	N/A	N/A	N/A	28.00	7.5 NON-STD. SPACING	5.00	7.00	3.0	1.34	13.34	16.34	0.00	0.00	0.00	1.10	13.10	16.10	289.79	0	1.0	3.5	0.00	0.20	_____
901	B	108	x	36	-L- 372+50	2	S4x7.7	BA	N/A	N/A	N/A	30.00	5.27	3.00	7.00	2.5	5.77	15.77	18.27	0.00	0.00	0.00	5.94	15.94	18.44	322.67	0	1.0	3	0.00	0.17	_____
902	A	114	x	108	-L- 86+60 LT	2	W6x16	BA	N/A	N/A	N/A	30.00	7.5 NON-STD. SPACING	9.00	7.00	4.0	6.26	22.26	26.26	0.00	0.00	0.00	6.20	22.20	26.20	933.36	0	1.5	4.5	0.59	0.00	_____

TOTAL	TOTAL	TOTAL	TOTAL
15792.83	1957.38	13.44	0.58
USE:	15793.00	1958.00	14.00 1.00



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.

TIP NO. R-5021	SHEET NO. SIGN-2
APPROVED: <i>Andrew D. Klinkosiek</i> <small>E3078F84596E448</small>	
DATE: 9/2/2021	
SEAL	
<p>DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED</p>	

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(919) 546-8997

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