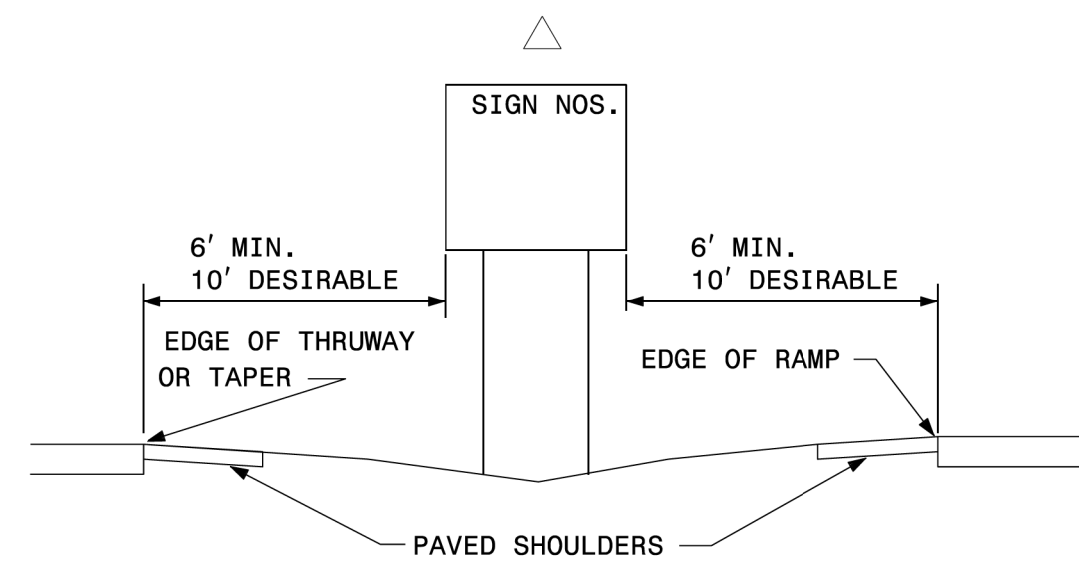
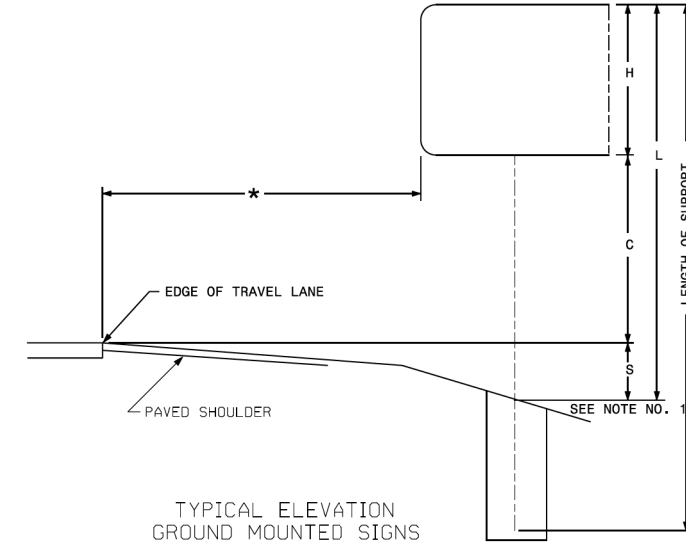


Version: 3.1 Posted: 6/2/2017

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.)	REINFORCE D (c.y.)	PLAIN (c.y.)	
101A	B	120	x	30	-27+80	2	W10x22	S	N/A	1-R N/A	N/A N/A	18.00	7.62	12.00	7.00	4.0	3.00	22.00	26.00	0.00	0.00	0.00	5.50	24.50	28.50	0.00	1199	2.5	4.5	1.64	0.00	_____
101B	A	156	x	144										12.00	7.00	4.5	2.00	21.00	25.50	0.00	0.00	0.00	3.00	22.00	26.50	0.00	936	2.0	5	1.16	0.00	_____
102A	B	120	x	30	106+40	2	W8x18	S	N/A	1-R N/A	N/A N/A	20.00	7.62	12.00	7.00	4.5	2.00	21.00	25.50	0.00	0.00	0.00	3.00	22.00	26.50	0.00	936	2.0	5	1.16	0.00	_____
102B	A	156	x	144										12.00	7.00	4.5	2.00	21.00	25.50	0.00	0.00	0.00	3.00	22.00	26.50	0.00	936	2.0	5	1.16	0.00	_____
103A	B	120	x	30	23+88	2	W10x26	S	N/A	1-R N/A	N/A N/A	25.00	8.20	13.50	7.00	4.5	3.50	24.00	28.50	0.00	0.00	0.00	6.00	26.50	31.00	0.00	1547	2.5	5	1.82	0.00	_____
103B	A	168	x	162										13.50	7.00	4.5	3.50	24.00	28.50	0.00	0.00	0.00	6.00	26.50	31.00	0.00	1547	2.5	5	1.82	0.00	_____
104A	B	120	x	30	60+26	2	W10x26	BA	N/A	1-R N/A	N/A N/A	30.00	8.20	13.50	7.00	4.5	4.50	25.00	29.50	0.00	0.00	0.00	6.50	27.00	31.50	1866.00	0	2.5	5	1.82	0.00	_____
104B	A	168	x	162										13.50	7.00	4.5	4.50	25.00	29.50	0.00	0.00	0.00	6.50	27.00	31.50	1866.00	0	2.5	5	1.82	0.00	_____
105	B	120	x	42	66+46	2	S3x5.7	S	N/A	N/A	N/A	20.00	5.86	3.50	7.00	2.5	1.50	12.00	14.50	0.00	0.00	0.00	3.00	13.50	16.00	0.00	173.85	1.0	3	0.00	0.17	_____
201	A	96	x	60	30+69	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	0.00	12.00	14.50	204.15	0	1.0	3	0.00	0.17	_____
202	A	96	x	60	53+55	2	S3x5.7	BA	N/A	N/A	N/A	Δ	4.69	5.00	7.00	2.5	1.00	13.00	15.50	0.00	0.00	0.00	0.50	12.50	15.00	209.85	0	1.0	3	0.00	0.17	_____
													TOTAL			TOTAL		TOTAL				TOTAL										
													2280.00			3855.85		6.44				0.52										
													USE:			2281.00		3856.00				7.00		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.
- IF GROUNDWATER IS ENCOUNTERED AT A DEPTH SHALLOWER THAN A DEPTH OF 7 FEET, THE SIGN FOUNDATION MUST BE REDESIGNED BASED UPON THE ACTUAL FIELD CONDITIONS. THE FOUNDATION DESIGN DOES NOT APPLY TO VERY SOFT OR LOOSE SOIL, MUCK, WEATHERED ROCK, OR HARD ROCK.



**RS&H** 8521 SIX FORKS ROAD, SUITE 400  
RALEIGH, NC 27615  
NC FIRM LICENSE No: F-0493

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

1/3/2023 R:\Projects\Signing\CADD\Signing Layout Plans\R-5751-sign-designs-ground mounted.dgn User:Rbondj