PROJECT REFERENCE NO.	SHEET NO.
SS-4903BR	SIGN-2

APPROVED: 2017.05.03 10:29:56 -04'00'

DATE:

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 034343 ENGINEER MATTHEW THIGPEN

SIGN NO.	SIGN TYPE	SIGN SIZE (in.) w	x	h	ROADWAY STATION	NO. OF SUP.	BEAM SECTION	SUPPORT TYPE BA or S	ATTACH METHOD	MOUNTING METHOD	HORIZ. CLR.* (ft.)	LENGTH (ft) SNS HT H	MTG HT C	EMBED MENT	LEFT SUPPORT (ft) S	L	TOTAL LENGTH	CENTER SUPPORT (ft) S	L	TOTAL LENGTH	RIGHT SUPPORT (ft) S	L	TOTAL LENGTH	FOOTING DIAMETE (ft.)	FOOTING DEPTH (ft.)	B/A SUPPORT WEIGHTS (lbs.)	SIMPLE SUPPORT WEIGHTS (lbs.)	REINF. FTGS. (c.y.)	PLAIN FTGS. (c.y.)	FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)
101	B	90	X	42	Y2 - 12+45	2	S3x5.7	BA	N/A	N/A	23.00	3.50	7.00	4	2.70	13.20	17.20	0.00	0.00	0.00	2.71	13.21	17.21	1	4.5	232.17	0.00	0.00	0.26	
507	F	72	X	87	Y2 - 13+45	2	W6x9	BA	N/A	N/A	18.00	7.25	7.00	4.5	2.84	17.09	21.59	0.00	0.00	0.00	1.79	16.04	20.54	1.5	5	443.16	0.00	0.65	0.00	
																										TOTAL 675.33	TOTAL 0.00	TOTAL 0.65	TOTAL 0.26	
																							USE:			676	0	1	1	

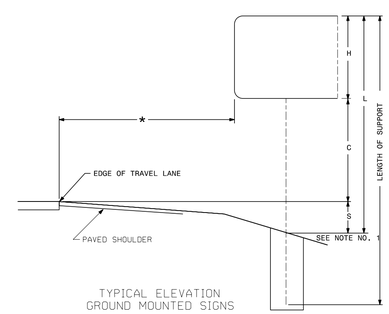
NOTES

1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF PAVEMENT.

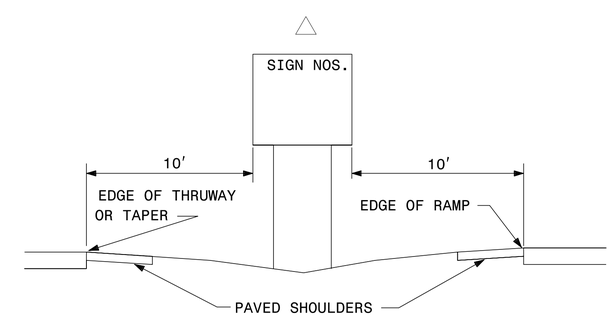
2. FIELD VERIFICATIONS SHALL BE REQUIRED FOR ALL SUPPORTS, SEE (*) ARTICLE 903-3. FABRICATORS SHALL BE AISC CERTIFIED IN CATEGORY 1, SEE (*) ARTICLE 1072-1. (*) = N.C.D.O.T. STANDARD SPECIFICATIONS FOR ROADS AND STRUCTURES

3. 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.

4. IF THE GROUNDWATER IS ENCOUNTERED AT A DEPTH SHALLOWER THAN 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.



TYPICAL ELEVATION
GROUND MOUNTED SIGNS



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

5/3/2017
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User:thigpen