DocuSign Envelope ID: 9B07B339-D2B2-4F74-A2B5-F4C889494446

TIP NO.	SHEET NO.
R-2514D	SIGN-2

APPROVED: DocuSigned by: Charles A Johnson III 7802A0468CBF4F8...

DATE: 2/2/2015

SEAL

NORTH CAROLINA PROFESSIONAL SEAL 20675 ENGINEER CHARLES A. JOHNSON III

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 DIAMETER (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)
101A	B	132	X	30																										
101B	A	198	X	186	-L- 315+00	3	W18x35	S	1-R	N/A	18.00	15.50	7.00	7	2.32	24.82	31.82	4.24	26.74	33.74	6.17	28.67	35.67	3	7.5	0.00	3543.05	5.89	0.00	
102A	B	132	X	30																										
102B	A	198	X	180	-L- 365+00	3	W18x35	S	1-R	N/A	17.00	15.00	7.00	7	2.41	24.41	31.41	4.39	26.39	33.39	6.37	28.37	35.37	3	7.5	0.00	3505.95	5.89	0.00	
103A	B	132	X	30																										
103B	A	198	X	180	-L- 398+00	3	W18x35	S	1-R	N/A	18.00	15.00	7.00	7	2.23	24.23	31.23	4.31	26.31	33.31	6.29	28.29	35.29	3	7.5	0.00	3494.05	5.89	0.00	
104A**	B	132	X	30																										
104B**	A	132	X	114	-L- 548+50	2	W10x22	BA	2	N/A	30.00	12.00	7.00	6	5.86	24.86	30.86	0.00	0.00	0.00	5.88	24.88	30.88	2.5	6.5	1596.28	0.00	2.36	0.00	
105A**	B	132	X	30																										
105B**	A	132	X	114	-L- 575+00	2	W10x22	BA	2	N/A	30.00	12.00	7.00	6	4.25	23.25	29.25	0.00	0.00	0.00	5.84	24.84	30.84	2.5	6.5	1559.98	0.00	2.36	0.00	
106A**	B	132	X	30																										
106B**	A	132	X	126	-L- 599+00	2	W10x22	BA	2	N/A	30.00	13.00	7.00	6	3.73	23.73	29.73	0.00	0.00	0.00	5.11	25.11	31.11	2.5	6.5	1576.48	0.00	2.36	0.00	
107A**	B	132	X	30																										
107B**	A	132	X	126	-L- 637+00	2	W16x31	BA	2	N/A	30.00	13.00	7.00	6	4.70	24.70	30.70	0.00	0.00	0.00	6.50	26.50	32.50	3	6.5	2405.20	0.00	3.40	0.00	
108A	B	132	X	30																										
108B	A	132	X	114	US-17 SB	2	W10x22	S	2	N/A	20.00	12.00	7.00	6	2.30	21.30	27.30	0.00	0.00	0.00	4.40	23.40	29.40	2.5	6.5	0.00	1247.40	2.36	0.00	
109A**	B	132	X	30																										
109B**	A	132	X	114	US-17 SB	2	W10x22	BA	2	N/A	30.00	12.00	7.00	6	5.00	24.00	30.00	0.00	0.00	0.00	6.40	25.40	31.40	2.5	6.5	1588.80	0.00	2.36	0.00	
110**	A	150	X	120	US-17 NB	2	W10x22	BA	N/A	N/A	30.00	10.00	7.00	6	5.60	22.60	28.60	0.00	0.00	0.00	7.40	24.40	30.40	2.5	6.5	1536.00	0.00	2.36	0.00	
201A	A	96	X	60																										
201B	B	96	X	24	-L- 325+54 +/-	2	W6x9	BA	N/A	2	△	7.00	7.00	4.5	0.50	14.50	19.00	0.00	0.00	0.00	0.50	14.50	19.00	1.5	5	406.00	0.00	0.65	0.00	
202	A	96	X	60	-L- 334+30 +/-	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	4.5	0.50	12.50	17.00	0.00	0.00	0.00	0.50	12.50	17.00	1	5	229.80	0.00	0.00	0.29	
203	A	96	X	60	-L-605+15 +/-	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	4.5	0.50	12.50	17.00	0.00	0.00	0.00	0.50	12.50	17.00	1	5	229.80	0.00	0.00	0.29	
204	A	72	X	60	-Y10- 22+35 +/-	2	S3x5.7	BA	N/A	N/A	△	5.00	7.00	4	0.50	12.50	16.50	0.00	0.00	0.00	0.50	12.50	16.50	1	4.5	224.10	0.00	0.00	0.26	
205	A	66	X	90	-L- 630+05 +/-	2	S4x7.7	BA	N/A	N/A	△	7.50	7.00	4.5	0.50	15.00	19.50	0.00	0.00	0.00	0.50	15.00	19.50	1	5	340.30	0.00	0.00	0.29	
206	A	126	X	60	US-17 NB	2	S4x7.7	BA	N/A	N/A	△	5.00	7.00	5	0.50	12.50	17.50	0.00	0.00	0.00	0.50	12.50	17.50	1	5.5	309.50	0.00	0.00	0.32	
207A	A	126	X	60																										
207B	B	126	X	24	US-17 NB	2	W6x9	BA	N/A	2	△	7.00	7.00	5	0.50	14.50	19.50	0.00	0.00	0.00	0.50	14.50	19.50	1.5	5.5	415.00	0.00	0.72	0.00	
701	A	120	X	102	BUS US-17 NB	2	W6x12	BA	N/A	2	20.00	8.50	7.00	ERECT PROPOSED SIGN ON EXISTING SUPPORTS																
																										TOTAL 12417.24	TOTAL 11790.45	TOTAL 36.63	TOTAL 1.45	
																										USE: 12418	11791	37	2	

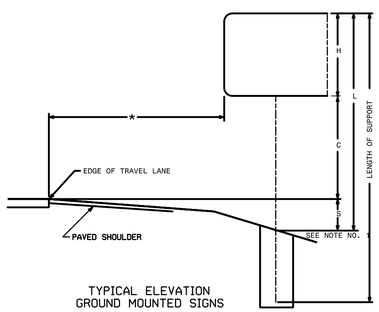
**PROPOSED SUPPORT SPACING IS 8.00'.

NOTES:

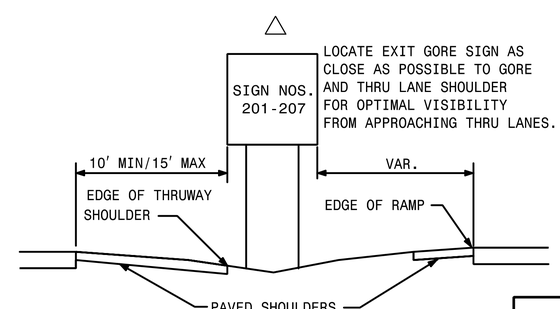
1. DIMENSION "S" REPRESENTS AN INCREASE (+), OR A DECREASE (-) IN POLE LENGTH, RELATIVE TO THE ELEVATION OF THE EDGE OF PAVEMENT.

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.



TYPICAL ELEVATION
GROUND MOUNTED SIGNS



HNTB
HNTB NORTH CAROLINA, P.C.
343 E. Six Forks Road, Suite 200
Raleigh, North Carolina 27609
NC License No: C-1554

TYPE 'A' AND TYPE 'B' GROUND MOUNTED SIGNS