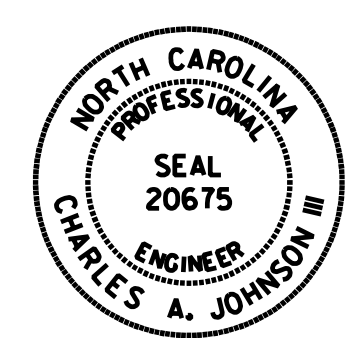


TIP NO. U-5169	SHEET NO. SIGN-2
APPROVED: <i>Charles A. Johnson, III</i> SSA1505047F5448	
DATE: 4/6/2018	
	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

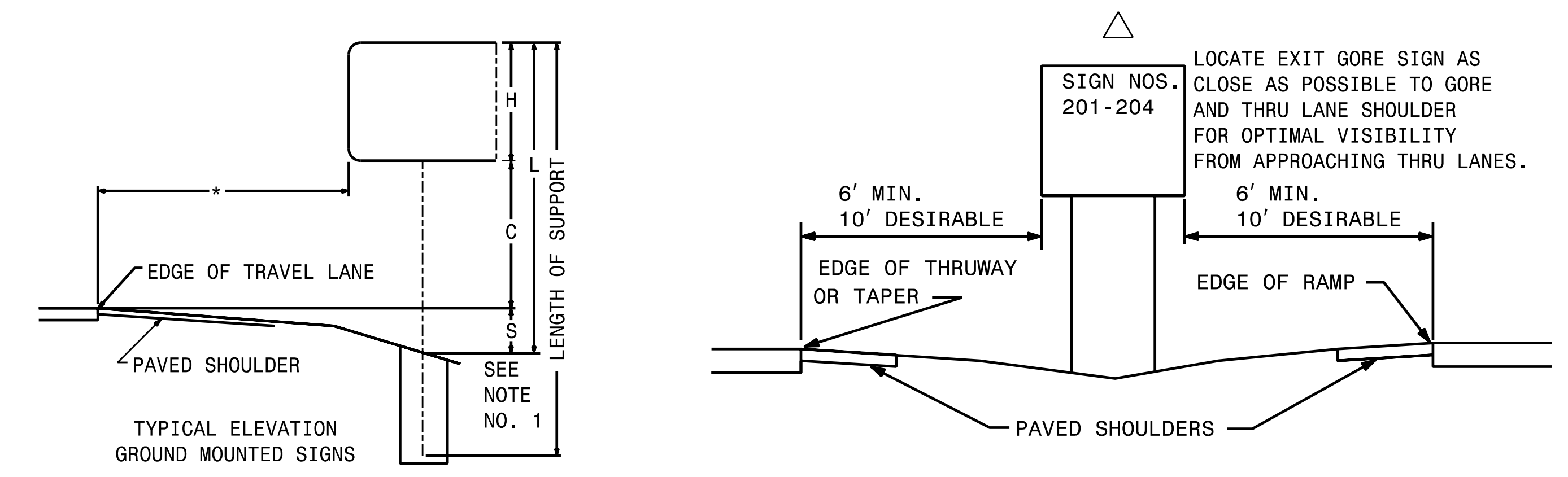
Version: 3.1 Posted: 6/2/2017

NUMBER	TYPE	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)
		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	204	x	90	I-74 EB	2	W6x16	BA	N/A	N/A	N/A	19.00	9.96	7.50	9.16	4.0	0.45	17.11	21.11	0.00	0.00	0.00	-2.16	14.50	18.50	727.76	0	1.5	4.5	0.59	0.00	_____
102	A	156	x	132	-Y- 23+50	2	W6x16	BA	N/A	N/A	N/A	18.00	7.62	11.00	7.00	4.0	0.68	18.68	22.68	0.00	0.00	0.00	0.64	18.64	22.64	819.12	0	1.5	4.5	0.59	0.00	_____
103	A	156	x	132	-Y- 32+50 LT	2	W6x12	BA	N/A	N/A	N/A	18.00	7.62	11.00	7.00	4.0	0.19	18.19	22.19	0.00	0.00	0.00	0.21	18.21	22.21	610.80	0	1.5	4.5	0.59	0.00	_____
104	A	204	x	90	I-74 WB	2	W6x16	BA	N/A	N/A	N/A	32.00	9.96	7.50	8.40	4.0	0.90	16.80	20.80	0.00	0.00	0.00	-1.40	14.50	18.50	722.80	0	1.5	4.5	0.59	0.00	_____
201	A	78	x	60	-LSB- 14+57 +/-	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	-LNB- 35+70 +/- LT	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	72	x	60	-Y- 25+94 +/- LT	2	S3x5.7	BA	N/A	N/A	N/A	Δ	3.52	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	_____
204	A	72	x	60	-Y- 30+91 +/-	2	S3x5.7	BA	N/A	N/A	N/A	Δ	3.52	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	_____
901	B	90	x	48	-YRPC- 16+00 LT	2	S4x7.7	BA	N/A	N/A	N/A	16.00	4.40	4.00	7.00	3.0	1.25	12.25	15.25	0.00	0.00	0.00	0.51	11.51	14.51	269.15	0	1.0	3.5	0.00	0.20	_____
902	A	90	x	72	-YRPC- 17+50 LT	2	S4x7.7	BA	N/A	N/A	N/A	16.00	4.40	6.00	7.00	3.0	1.88	14.88	17.88	0.00	0.00	0.00	1.15	14.15	17.15	309.73	0	1.0	3.5	0.00	0.20	_____
903	B	90	x	48	-YRPA- 18+50	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	4.00	7.00	3.0	2.18	13.18	16.18	0.00	0.00	0.00	2.88	13.88	16.88	294.56	0	1.0	3.5	0.00	0.20	_____
904	A	90	x	72	-YRPA- 20+00	2	S4x7.7	BA	N/A	N/A	N/A	18.00	4.40	6.00	7.00	3.0	2.18	15.18	18.18	0.00	0.00	0.00	2.91	15.91	18.91	325.59	0	1.0	3.5	0.00	0.20	_____

TOTAL	4907.52	TOTAL	0.00	TOTAL	2.36	TOTAL	1.51
USE:	4908.00		0.00		3.00		2.00

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.



HNTB
 HNTB NORTH CAROLINA, P.C.
 343 E. Six Forks Road, Suite 200
 Raleigh, North Carolina 27609
 NC License No: C-1554
 (919) 546-8997

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