TIP NO.	SHEET NO.
R-5737	SIGN - 2

APPROVED: _____

DATE: _____

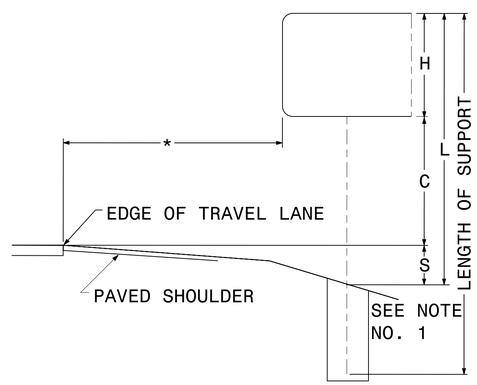
SEAL

NORTH CAROLINA PROFESSIONAL SEAL 17586 ENGINEER J. TODD BROOKS

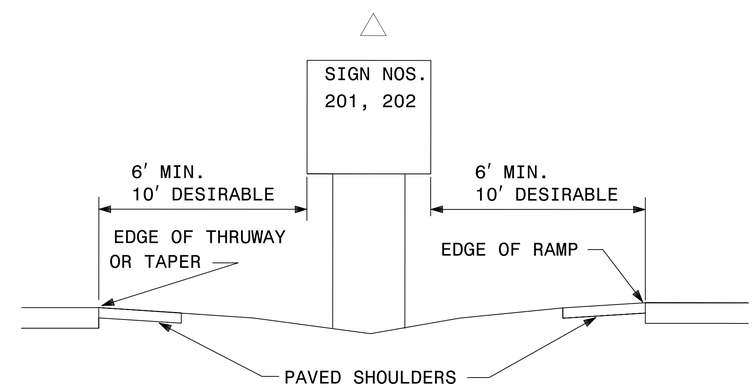
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED

	SIGN					ROADWAY	NUMBER OF	BEAM	SUPPORT TYPE	OMNI	ATTACHMENT	MOUNTING	HORIZONTAL CLEARANCE*	SUPPORT	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			SUPPORT WEIGHTS		FOOTINGS				FIELD VERIFIED SEE NOTE 2
	NUMBER	TYPE	SIZE (in.) w	x	h	STATION	SUPPORTS	SECTION	BA or S	COUPLER	METHOD	METHOD	(ft.)	SPACING	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.)	(mm/dd/yy)
	101	A	222	x	66	20+00 +- L	3	W6x12	BA	YES	N/A	N/A	30.00	6.57	5.50	12.73	0.0	-0.59	17.64	17.64	-3.18	15.05	15.05	-5.73	12.50	12.50	542.28	0	1.5	3.5	0.69	0.00	_____
	102	A	186	x	84	30+30 -L-	2	W8x18	S	YES	N/A	N/A	16.00	9.08	7.00	7.00	0.0	3.60	17.60	17.60	0.00	0.00	0.00	9.10	23.10	23.10	0.00	732.6	2.0	4.5	1.05	0.00	_____
	103	A	222	x	78	41+55 -L-	3	W6x16	BA	YES	N/A	N/A	30.00	6.57	6.50	20.00	0.0	-6.44	20.06	20.06	-9.72	16.78	16.78	-13.00	13.50	13.50	805.44	0	1.5	4	0.79	0.00	_____
1	104	B	84	x	42	11+06 -Y2-	2	S3x5.7	BA	YES	N/A	N/A	15.00	4.10	3.50	10.50	0.0	-2.10	11.90	11.90	0.00	0.00	0.00	-3.50	10.50	10.50	127.68	0	1.5	2.5	0.33	0.00	_____
1	105	B	96	x	42	24+00 -Y1-	2	S3x5.7	BA	YES	N/A	N/A	15.00	4.69	3.50	11.79	0.0	-2.74	12.55	12.55	0.00	0.00	0.00	-4.79	10.50	10.50	131.39	0	1.5	2.5	0.33	0.00	_____
1	106	B	96	x	42	24+54 -RPC-	2	S3x5.7	BA	YES	N/A	N/A	20.00	4.69	3.50	11.80	0.0	-2.45	12.85	12.85	0.00	0.00	0.00	-4.80	10.50	10.50	133.10	0	1.5	2.5	0.33	0.00	_____
1	107	B	96	x	42	22+00 -RPA-	2	S3x5.7	BA	YES	N/A	N/A	30.00	4.69	3.50	7.69	0.0	-0.69	10.50	10.50	0.00	0.00	0.00	-0.59	10.60	10.60	120.27	0	1.5	2.5	0.33	0.00	_____
	108	A	222	x	78	81+53 +- L	3	W6x9	S	YES	N/A	N/A	30.00	6.57	6.50	11.20	0.0	-1.80	15.90	15.90	-3.10	14.60	14.60	-4.20	13.50	13.50	0.00	396	1.5	3.5	0.69	0.00	_____
	109	A	186	x	84	90+00 +- L	2	W6x9	S	YES	N/A	N/A	20.00	9.08	7.00	7.00	0.0	-0.90	13.10	13.10	0.00	0.00	0.00	-1.50	12.50	12.50	0.00	230.4	1.5	4	0.52	0.00	_____
2	110	A	222	x	66	98+26 +-L	3	W6x9	BA	N/A	N/A	N/A	16.00	6.57	5.50	8.50	3.0	-0.90	13.10	16.10	0.00	14.00	17.00	-1.50	12.50	15.50	533.40	0	1.5	3.5	0.69	0.00	_____
	201	A	72	x	60	14+81 -RPC-	2	S3x5.7	BA	YES	N/A	N/A	Δ	3.52	5.00	7.20	0.0	-0.20	12.00	12.00	0.00	0.00	0.00	-0.20	12.00	12.00	136.80	0	1.5	2.5	0.33	0.00	_____
	202	A	72	x	60	67+00 -L-	1	W6x16	BA	YES	N/A	N/A	Δ	0.00	5.00	7.00	0.0	0.00	0.00	0.00	0.80	12.80	12.80	0.00	0.00	0.00	204.80	0	1.5	3	0.20	0.00	_____
																											TOTAL 2735.15	TOTAL 1359.00			TOTAL 6.25	TOTAL 0.00	
																										USE:	2736.00	1360.00			7.00	0.00	

[1] SIGN SUPPORTS ARE DESIGNED FOR FUTURE SIGN PANELS.
[2] SIGN SUPPOTYS REQUIRED TO BE TWO-DIRECTION BREAKAWAY.
SEE MPTE 12 ON RSD NO. 503.10, SHEET 3 OF 3.



TYPICAL ELEVATION



GROUND MOUNTED SIGNS

NOTES

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

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.

invgld expressions
USER: obsmears

Dewberry
2610 WYCLIFF ROAD
SUITE 410
RALEIGH, NC 27607
PHONE: 919.881.9939
NC COA No. F-0929

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