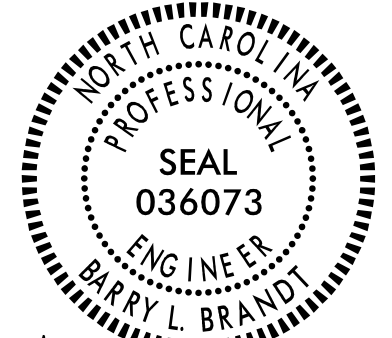


TIP NO. U-5315 A&B	SHEET NO. SIGN-02C
APPROVED: _____	
DATE: _____	
SEAL	
	
DocuSigned by: <i>Barry Brandt</i> 12/8/2017	
DOCUMENT NOT CONSIDERED FINAL UNLESS ALL SIGNATURES COMPLETED	

Version: 3.0 Posted: 9/14/2016

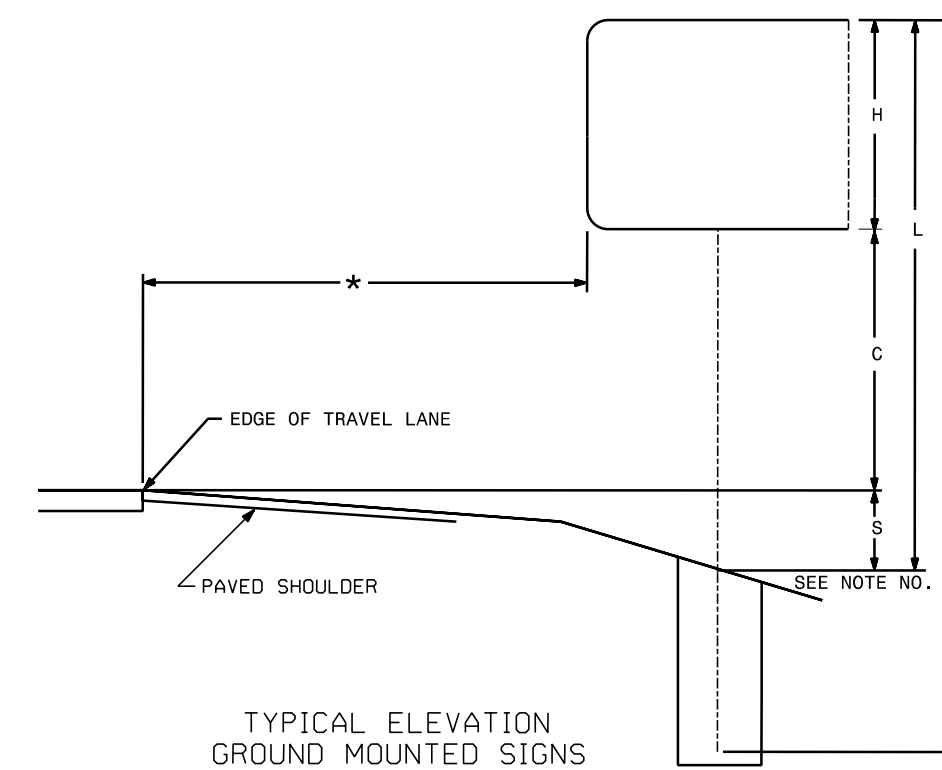
NUMBER	SIGN			ROADWAY STATION	NUMBER OF SUPPORTS	BEAM SECTION	SUPPORT TYPE BA or S	OMNI COUPLER	ATTACHMENT METHOD	MOUNTING METHOD	HORIZONTAL CLEARANCE* (ft.)	SUPPORT SPACING	LENGTH (ft)			LEFT SUPPORT (ft)			CENTER SUPPORT (ft)			RIGHT SUPPORT (ft)			SUPPORT WEIGHTS		FOOTINGS				FIELD VERIFIED SEE NOTE 2 (mm/dd/yy)	
	TYPE	SIZE (in.)											SNS HT	MTG HT	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
108	B	36	x	114	-L- 52+00	1	W6x16	BA	N/A	N/A	N/A	12.00	0.00	9.50	9.06	3.0	0.00	0.00	0.00	-2.06	16.50	19.50	0.00	0.00	0.00	359.00	0	1.5	3.5	0.23	0.00	
109	A	74	x	133	-L- 59+25	2	W6x12	BA	N/A	N/A	N/A	14.50	3.61	11.08	7.00	3.0	1.82	19.90	22.90	0.00	0.00	0.00	2.35	20.43	23.43	634.04	0	1.5	3.5	0.46	0.00	
110	B	36	x	133	-L- 63+00	1	W6x16	BA	N/A	N/A	N/A	19.50	0.00	11.08	8.33	3.0	0.00	0.00	0.00	-1.33	18.08	21.08	0.00	0.00	0.00	384.33	0	1.5	3.5	0.23	0.00	
111	B	36	x	133	-LPB- 20+50	1	W6x16	BA	N/A	N/A	N/A	18.50	0.00	11.08	9.65	3.5	0.00	0.00	0.00	-2.65	18.08	21.58	0.00	0.00	0.00	392.33	0	1.5	4	0.26	0.00	
112	A	74	x	133	-L- 62+00	2	W6x12	BA	N/A	N/A	N/A	15.00	3.61	11.08	7.00	3.0	1.73	19.81	22.81	0.00	0.00	0.00	2.23	20.31	23.31	631.52	0	1.5	3.5	0.46	0.00	
113	B	36	x	133	-L- 72+00	1	W6x16	BA	N/A	N/A	N/A	16.00	0.00	11.08	7.00	3.0	0.00	0.00	0.00	2.78	20.86	23.86	0.00	0.00	0.00	428.81	0	1.5	3.5	0.23	0.00	
114	B	36	x	133	-LPD- 22+71	1	W6x16	BA	N/A	N/A	N/A	12.00	0.00	11.08	7.00	3.0	0.00	0.00	0.00	2.25	20.33	23.33	0.00	0.00	0.00	420.33	0	1.5	3.5	0.23	0.00	
115	A	74	x	133	-L- 76+50	2	W6x9	BA	N/A	N/A	N/A	7.42	3.61	11.08	7.70	3.0	-0.70	18.08	21.08	0.00	0.00	0.00	-0.57	18.21	21.21	444.67	0	1.5	3.5	0.46	0.00	
116	A	74	x	133	-L- 73+25	2	W6x12	BA	N/A	N/A	N/A	27.55	3.61	11.08	7.00	3.0	1.31	19.39	22.39	0.00	0.00	0.00	2.81	20.89	23.89	633.44	0	1.5	3.5	0.46	0.00	
117	B	36	x	114	-L- 85+00	1	W6x16	BA	N/A	N/A	N/A	10.00	0.00	9.50	7.00	3.0	0.00	0.00	0.00	1.52	18.02	21.02	0.00	0.00	0.00	383.32	0	1.5	3.5	0.23	0.00	
118	B	36	x	74	-NC540- 649+50	1	W6x12	BA	N/A	N/A	N/A	20.00	0.00	6.17	7.00	2.5	0.00	0.00	0.00	1.64	14.81	17.31	0.00	0.00	0.00	246.68	0	1.5	3	0.20	0.00	
119	B	36	x	74	-NC540- 585+00	1	W6x12	BA	N/A	N/A	N/A	20.00	0.00	6.17	7.00	2.5	0.00	0.00	0.00	2.08	15.25	17.75	0.00	0.00	0.00	251.96	0	1.5	3	0.20	0.00	
120	B	36	x	74	-NC540- 555+00	1	W6x12	BA	N/A	N/A	N/A	20.00	0.00	6.17	7.00	2.5	0.00	0.00	0.00	1.64	14.81	17.31	0.00	0.00	0.00	246.68	0	1.5	3	0.20	0.00	
																	TOTAL	TOTAL		TOTAL	TOTAL											
																	5457.12	0.00		3.83	0.00											
																	USE:	5458.00	0.00	4.00	0.00											


* SIGN TYPE, BASED ON OVERALL WINDLOAD AREA AS SHOWN ON SHEET SIGN-04H, USED FOR CALCULATIONS. SIGN PANELS WILL FOLLOW SPECIFICATIONS FOR TYPE "B" SIGNS, EXCEPT FOR MOUNTING METHODS AND SILK SCREENING.

PROJECT NOTES

NOTES

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



<p>PLANS PREPARED BY :</p>  <p>RUMMEL, KLEPPER & KAHL, LLP 900 RIDGEFIELD DRIVE SUITE 350 RALEIGH, NORTH CAROLINA 27609-3960 NC LICENSE NO. F-0112 (919) 878-9560 FOR THE NORTH CAROLINA TURNPIKE AUTHORITY</p>	<p>TOLL ROUTE SIGN ASSEMBLIES STEEL SUPPORT CHART</p>
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