

TABLE USED FOR CALCULATIONS OF SIGN SUPPORT				
SUPPORT SIZE	SUPPORT		FOUNDATION	
	UNIT WEIGHT	BARS WEIGHT	CONCRETE	PER POST
W16x45	45 LBS/FT	130 LBS	2.23 CU YD	PER POST
W14x38	38 LBS/FT	122 LBS	2.09 CU YD	PER POST
W10x22	22 LBS/FT	92 LBS	1.18 CU YD	PER POST
W8x18	18 LBS/FT	78 LBS	0.7 CU YD	PER POST
W6x15	15 LBS/FT	78 LBS	0.7 CU YD	PER POST
HSS4x2x1/4	8.81 LBS/FT	46 LBS	0.7 CU YD	PER POST

LEGEND:
 GS-GM = GUIDE SIGN GROUND MOUNT
 DS-GM = DIRECTIONAL SIGN GROUND MOUNT
 BAT = BREAKAWAY TUBULAR STEEL SIGN POST
 BAW = BREAKAWAY WIDE FLANGE STEEL POST

PROPOSED SIGNING SCHEDULE						SIGN SUPPORT TYPES										FOUNDATION		SUPPORT		SIGN PANEL			OBJECT
STATION	OFFSET LT/RT	SIGN TYPE	SIGN SIZE		NO POST	BREAK-AWAY WIDE FLANGE				BAT	METAL POST		WOOD	WEIGHT	VOLUME	STRUCT	TUBULAR	TYPE 1	TYPE 2	TYPE 3	MARKER		
			WIDTH	DEPTH		W16x45	W14x38	W10x22	W8x18	W6x15	HSS4x2x1/4	TYPE A	TYPE C	POST	**	CONC.	STEEL	LBS	CU YD	SO FT	SO FT	SO FT	EACH
242+20	RT	GS (GM)	168	180	2 BAW	0	60.0	0	0	0	0	0	0	244	4.18	2,280	-	0	0	210	0		
250+50	RT	GS (GM)	180	156	2 BAW		56.0							244	4.18	2,128	-			195			
268+60	86' RT	GS (GM)	168	180	2 BAW		60.0							244	4.18	2,280	-			210			
278+50	78' RT	DS (GM)	120	60	2 BAW				36.0					156	1.40	540	-			50			
280+60	83' LT	R2-4a	48	96	1 BAT					18.0				46	0.70	-	158.6			32			
285+23	87' LT	W4-2R	48	48	1 Wood*															16			
286+80	62' RT	D10-6	12	48	1C															4			
286+80	73' LT	D10-6	12	48	1C															4			
290+00	92' RT	GS (GM)	168	186	2 BAW	63.0								366	6.27	2,835	-			217			
290+60	95' LT	M3-3 INTER	36	18	1 Wood							18.0								5			
		MI-1 INTER	36	36																9			
298+23	59' RT	E5-1a	90	60	2 Wood*							35.0									38		
302+55	76' LT	W4-1	48	48	1 Wood							20.0								16			
319+86	74' RT	W4-1	48	48	1 Wood							19.0								16			
324+20	59' LT	E5-1a	90	60	2 Wood*							37.0									38		
331+35	98' RT	M3-3 INTER	36	18	1 Wood							23.0								5			
		MI-1 INTER	36	36																9			
332+00	92' LT	GS (GM)	168	186	2 BAW	67.0								390	6.27	3,015	-			217			
336+60	74' RT	W4-2R	48	48	1 Wood*							17.0								16			
339+25	62' LT	D10-6	12	48	1C															4			
339+25	74' RT	D10-6	12	48	1C															4			
109+50	23' RT	SERVICES	96	48	2 BAW					34.0				156	1.40	510	-						
112+00	23' RT	SERVICES	150	96	2 BAW			45.0						184	2.36	990	-			100			
114+50	28' RT	SERVICES	150	96	2 BAW			44.0						184	2.36	968	-			100			
117+00	35' RT	GS (GM)	120	54	2 BAW				34.0					156	1.40	510	-			45			
119+50	41' RT	SERVICES	150	96	2 BAW			44.0						184	2.36	968	-			100			
121+50	47' RT	GS (GM)	120	72	2 BAW				35.0					156	1.40	525	-			60			
121+86	44' LT	R5-1a	36	24	1 Wood							18.0								6			
121+86	45' RT	R5-1a	36	24	1 Wood							16.0								6			
124+10	44' LT	R5-1	36	36	1 Wood							20.0								9			
124+10	35' RT	R5-1	36	36	1 Wood							17.0								9			
124+75	11' RT	R6-1R	36	12	1 Wood							14.0								3			
		R6-1L	36	12																3			
50+85	33' LT	M3-1	24	12	1 Wood							17								2			
		M1-I100	24	24																4			
		M6-1L	21	15																3			
51+60	7' RT	R5-I100	48	60	2 Wood							37.0								20			
140+90	44' LT	M3-3	24	12	1 Wood							17								2			
		M1-I100	24	24																4			
		M6-1L	21	15																3			
142+00	24' RT	R5-I100	48	60	2 Wood							32.0								20			
18+50	23' RT	SERVICES	96	48	2 BAW				45.0					156	1.40	675	-						
21+00	23' RT	SERVICES	150	96	2 BAW			55.0						244	4.18	2,090	-			100			
23+50	23' RT	SERVICES	150	96	2 BAW			55.0						244	4.18	2,090	-			100			
26+00	31' RT	GS (GM)	120	54	2 BAW					38.0				156	1.40	570	-			45			
28+00	35' RT	SERVICES	150	96	2 BAW			45.0						184	2.36	990	-			100			
30+00	36' RT	GS (GM)	120	72	2 BAW					38.0				156	1.40	570	-			60			
30+50	33' RT	R5-1a	36	24	1 Wood							18.0								6			
30+50	45' LT	R5-1a	36	24	1 Wood							18.0								6			
31+28	44' RT	R5-1	36	36	1 Wood							18.0								9			
31+28	47' LT	R5-1	36	36	1 Wood							17.0								9			
31+55	1' LT	R6-1R	36	12	1 Wood							14.0								3			
		R6-1L	36	12																3			
1292+00	70' RT	R2-1	24	30	1 Wood							18.0								5			
1294+00	49' LT	LOGGING	30	30	1 Wood							17.0											
		M6-1L	21	15																3			
1295+29	60' RT	M2-1	21	15	1 Wood							20.0								3			
		M1-1	36	36																9			
1296+00	56' LT	GS (GM)	96	72	2 Wood*							38.0									48		
SUB-TOTAL 1						130	286	178	0	260	18	0	2	535	3850	53	24534	159	154	104	2065	0	

REFER TO BREAKAWAY WIDE FLANGE STEEL SIGNPOST STANDARDS (BAW-A) FOR DETAILS
 REFER TO BREAKAWAY TUBULAR STEEL SIGNPOST STANDARDS (BAT-A) FOR DETAILS
 FOR OVERHEAD SIGN STRUCTURE SUPPORT AND DETAILS SEE SIGN TRUSS DETAIL DRAWINGS

TYPE C SUPPORT IS PAID FOR AS
 MILE POST MARKER ASSEMBLY (EACH)
 * 4" x 6" WOOD POST
 ** THE REINFORCEMENT IN THE BREAKAWAY SIGN FOUNDATIONS IS INCLUDED IN THE PAY ITEM "CONCRETE FOUNDATIONS".

FILE NAME = I:\dgn\sheet\sc013.dgn	USER NAME = EricG	DESIGNED - JTF	REVISED -	STATE OF ILLINOIS DEPARTMENT OF TRANSPORTATION	SIGN SCHEDULES	F.A.I. RTE. 57	SECTION (46-2) I, HBR, VBR	COUNTY KANKAKEE	TOTAL SHEETS 558	SHEET NO. 35		
PLOT SCALE = 1:1	CHECKED - DLT	REVISED -	SCALE: N.T.S.			SHEET NO. 1 OF 1 SHEETS	STA. TO STA.	FED. ROAD DIST. NO. 3 ILLINOIS FED. AID PROJECT				
PLOT DATE = 12/22/2010	DATE - 12/17/10	REVISED -	CONTRACT NO. 66409									