

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

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
1297+43	81' RT	GS (GM)	120	108	2 BAW	0	0	47.0	0.0	0	0	0	0	184	2.36	1,034	-	-	-	90	-	
1298+92	81' RT	GS (GM)	120	108	2 BAW			47.0						184	2.36	1,034	-	-	-	90		
1299+00	51' LT	R2-1	24	30	1 Wood	-	-	-	-	-	-	15.0	-	-	-	-	-	5	0	0	0	
1300+97	CENTER	GS (OS)	156	90	TRUSS	-	-	-	-	-	-	-	-	-	-	-	-	-	-	98		
			156	90																98		
1308+00	63' LT	GS (GM)	120	108	2 BAW									156	1.40	570	-	-	-	90		
1309+30	58' RT	M3-3 INTER	24	12	1 Wood	-	-	-	-	-	-	18	-	-	-	-	-	2				
		M1-1 INTER	36	36																9		
		M5-1L	21	15																3		
1313+70	60' LT	M3-1	24	12	1 Wood	-	-	-	-	-	-	18	-	-	-	-	-	2				
		M1-1 INTER	36	36																9		
		M5-1L	21	15																3		
1314+78	83' RT	GS (GM)	144	84	2 BAW									156	1.40	684	-	-	-	84		
1317+83	85' LT	R11-I100	48	30	1 Wood	-	-	-	-	-	-								10			
	81' LT	MARKER	18	18	1A	-	-	-	-	-	12										1	
	89' LT	MARKER	18	18	1A	-	-	-	-	-	12										1	
1318+00	48' RT	M3-1	24	12	1 Wood	-	-	-	-	-	-	15.0	-	-	-	-	-	2				
		M1-I100	24	24																4		
1320+50	CENTER	GS (OS)	150	90	TRUSS	-	-	-	-	-	-	-	-	-	-	-	-	-	-		94	
			156	90																	98	
1321+00	54' RT	MEMORIAL	54	36	2 Wood	-	-	-	-	-	-	30.0								14		
1322+20	51' RT	R3-7(RIGHT)	36	36	1 Wood							16.0								9		
1323+00	48' RT	R2-1	24	30	1 Wood	-	-	-	-	-	-	15.0								5		
1323+10	51' LT	GS (GM)	120	108	2 BAW									156	1.40	720	-	-	-		90	
1324+79	55' LT	GS (GM)	120	108	2 BAW									156	1.40	756	-	-	-		90	
1327+00	51' LT	M2-1	21	15	1 Wood	-	-	-	-	-	-	19.0								3		
		M1-1	36	36																9		
1327+50	49' RT	LOGGING	42	30	1 Wood	-	-	-	-	-	-	15.0								9		
341+50	87' RT	R2-4a	48	96	1 BAT														176		32	
343+50	90' LT	DS (GM)	120	60	2 BAW									156	1.40	630					50	
354+40	90' LT	GS (GM)	168	180	2 BAW	66.0								260	4.46	2,970					210	
358+00	73' LT	W1-8	36	48	1 Wood*	-	-	-	-	-	-	20.0									12	
360+00	73' LT	W1-8	36	48	1 Wood*	-	-	-	-	-	-	20.0									12	
362+00	73' LT	W1-8	36	48	1 Wood*	-	-	-	-	-	-	20.0									12	
364+00	73' LT	W1-8	36	48	1 Wood*	-	-	-	-	-	-	20.0									12	
366+00	73' LT	W1-8	36	48	1 Wood*	-	-	-	-	-	-	20.0									12	
371+60	90' LT	GS (GM)	180	156	2 BAW		56.0							244	4.18	2,128					195	
380+80	90' LT	GS (GM)	168	180	2 BAW	66.0								260	4.46	2,970					210	
SUB-TOTAL 2						132	56	94	120	80	20	24	0	261	1,912	25	13,496	176	74	84	1,619	2
SUB-TOTAL 1						130	286	178	0	260	18	0	2	535	3,850	53	24,534	159	154	104	2,065	0
TOTAL						262	342	272	120	340	38	24	2	796	5,762	78	38,030	335	228	188	3,684	2

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".

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

FILE NAME = I:\Dgn\sheeta\sc014.dgn	USER NAME = ErcG	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. 36	
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		CONTRACT NO. 66409	
PLOT DATE = 12/22/2010	DATE - 12/17/10	REVISED -									