BASE PLATE & STIFFENER PLATE DATA TABLE

Post Size	Bolt Size	Torque in. - lb	Wt. of 4 Plates (One Post) ,lb	Wt. of 4 Stiffeners (One Post) ,lb	A	B	C	D	E	R	d4	t_1	t_2	W
W6 x 9	½" ø x 2¼ "	140	5.10	3.33	4½"	2"	1⅜"	2½"	1"	9/23"	1⅜"	½"	½"	3/16"
W8 x 10	⅝" ø x 2½ "	300	6.38	4.07	5"	2¼"	1½"	2⅞"	1 1/16"	11/32"	1½"	"	"	"
W8 x 13	¾" ø x 3"	500	12.6	7.97	6"	2½"	"	3⅛"	1 7/16"	13/32"	1¾"	¾"	¾"	¼"
W8 x 15	"	"	"	"	"	"	"	"	"	"	"	"	"	"
W8 x 18	"	"	"	"	"	"	"	"	"	"	"	"	"	5/16"
W10 x 19	1" ø x 3¼"	700	14.04	8.66	"	2¾"	1½"	3⅝"	1 3/16"	17/32"	2¼"	¾"	¾"	5/16"

INDIANA DEPARTMENT OF TRANSPORTATION

SIGN DATA TABLES

SEPTEMBER 2002

STANDARD DRAWING NO. E 802-SNGP-05

RICHARD L. VanCLEAVE REGISTERED No. 9750 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

/s/ Richard L. VanCleave 9-03-02
DESIGN STANDARDS ENGINEER DATE

/s/ Richard K. Smutzer 9-03-02
CHIEF HIGHWAY ENGINEER DATE