

NOTES:

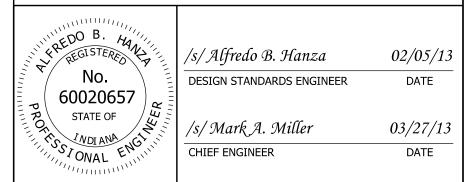
1 Required for sign width greater than 24'.

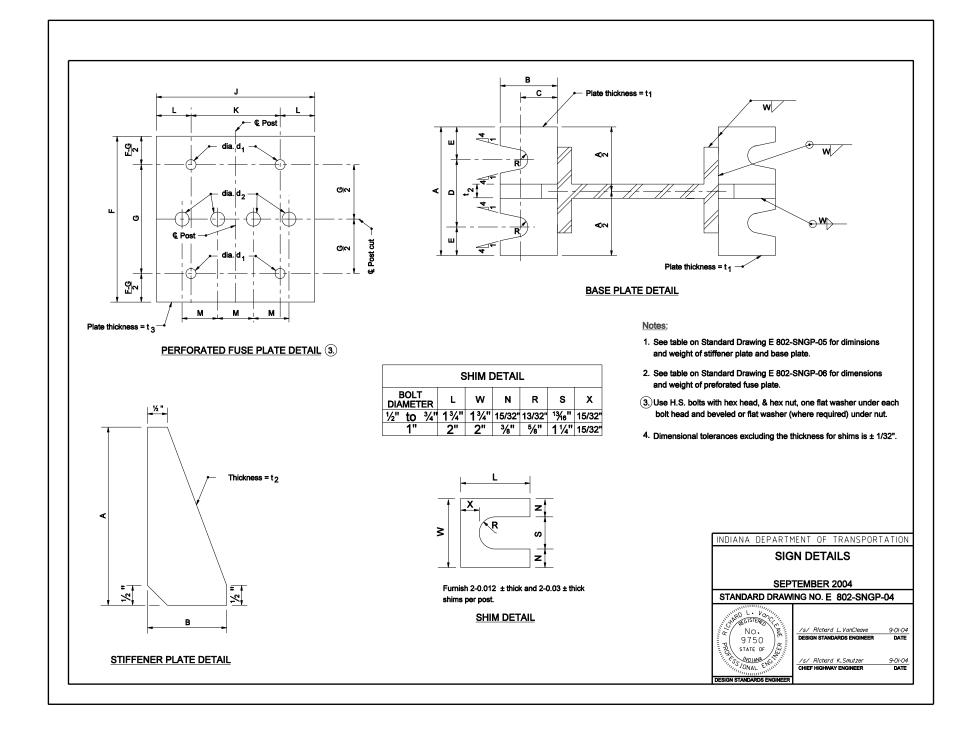
INDIANA DEPARTMENT OF TRANSPORTATION

SIGN PLAN DETAILS

SEPTEMBER 2013

STANDARD DRAWING NO. E 802-SNGP-03





			BASE PLATE	& STIFFENER	R PLA	TE DA	ATA T	ABLE						
Post Size	Bolt Size	Torque in Ib	Wt. of 4 Plates (One Post) ,lb	Wt. of 4 Stiffeners (One Post) ,lb	Α	в	С	D	Е	R	d4	t ₁	t2	w
W6 x 9	½"øx2¼"	140	5.10	3.33	4 ½"	2"	1.%"	2½"	1"	9/23"	1.¾"	1⁄2"	1⁄2"	3⁄16
W8 x 10	%"øx2½"	300	6.38	4.07	5"	2¼"	1.1⁄2"	27⁄8"	1¼6"	11/32"	1.1⁄2"	"	"	"
W8 x 13	¾" ø x 3"	500	12.6	7.97	6"	2½"	"	3.1/8"	1:⁄/6"	13/32"	1.¾"	3⁄4"	3⁄4"	1⁄4'
W8 x 15	"	"	"	"	"	"	"	"	"	"	"	"	"	"
W8 x 18	"	"	п	"	"	"	"	"	"	"	"	"	"	5/16'
W10 x 19	1" ø x 3.¼"	700	14.04	8.66	"	2¾"	1.1⁄2"	35%"	1¾6"	17/32"	2¼"	3⁄4"	3⁄4"	5/16

INDIANA DEPARTMENT OF TRANSPORTATION

SIGN DATA TABLES

SEPTEMBER 2002



/s/ Richard L. VanCieave DESIGN STANDARDS ENGINEER

/s/ Richard K. Smutzer Chief Highway Engineer

9-03-02 DATE

9-03-02 DATE

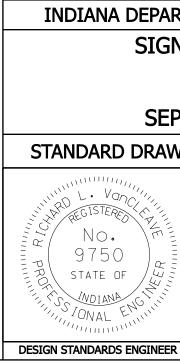
DESIGN STANDARDS ENGINEER

	PERFORATED FUSE PLATE DATA TABLE											
Post Size	BOLT SIZE	Wt. of Plate* (One Post), lb	F	G	J	к	L	М	d ₁	d ₂	t ₃	Bolt Tension, Ibs
W6 x 9	$\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1.01	4 ¹ ⁄4 "	2"	4"	2 ¹ ⁄4 "	7⁄8 "	1"	⁹ ⁄16"	3⁄4 "	¹ ⁄4 "	12000
W8 x 10	¹ ⁄ ₂ " x 1 ¹ ⁄ ₂ "	1.01	4 ¹ ⁄4 "	2"	4"	2 ¹ ⁄4 "	7⁄8 "	1"	⁹ ⁄16"	³ ⁄4 "	¹ ⁄4 "	12000
W8 x 13	$\frac{1}{2}$ " x 1 $\frac{1}{2}$ "	1.01	4 ¹ ⁄4 "	2"	4"	2 ¹ ⁄4 "	7⁄8 "	1"	⁹ ⁄16"	³ ⁄4 "	¹ ⁄4 "	12000
W8 x 15	⁵ ⁄8 " x 2 ¹ ⁄4 "	1.72	5"	2 ¹ ⁄2 "	4"	2 ¹ ⁄4 "	7⁄8 "	1"	¹¹ ⁄16 "	³ ⁄4 "	3⁄8 "	19000
W8 x 18	⁵ ⁄8 " x 2 ¹ ⁄4 "	2.27	5"	2 ¹ ⁄2 "	5 ¹ ⁄4 "	2 ³ ⁄4 "	1 ¹ ⁄4 "	1 ¹ ⁄4 "	¹¹ ⁄16 "	1 ¹ ⁄16 "	³ ⁄8 "	19000
W10 x 19	⁵ ⁄8 " x 2 ¹ ⁄4 "	1.72	5"	2 ¹ ⁄2 "	4"	2 ¹ ⁄4 "	7⁄8 "	1"	¹¹ ⁄16 "	3⁄4 "	3⁄8 "	19000

* Gross weight with holes deducted from weight. Incidental weights of bolts and washers are not included in plan quantities.

NOTES:

1. See Standard Drawing E 802-SNGP-01 through 07 for details and notes for posts, bolts, washers, etc.



INDIANA DEPARTMENT OF TRANSPORTATION SIGN DATA TABLES

SEPTEMBER 2008

STANDARD DRAWING NO. E 802- SNGP-06

ER JAY /s/ Richard L. VanCleave DESIGN STANDARDS ENGINEER

09/02/08 DATE

/s/ Mark A. Miller

09/02/08

CHIEF HIGHWAY ENGINEER

DATE

FOUNDATION DATA									
Туре	Post Size	Stub Length	Dia.	Depth					
VI	W6 x 9	2'-0	20"	5'					
	W8 x 10	2'-0	20"	5'					
X	W8 x 13	2'-0	20"	5'					
X	W8 x 15	2'-6	24"	6'					
XI	W8 x 18	2'-6	24"	6'					
XII	W10 x 19	2'-6	24"	7'					

