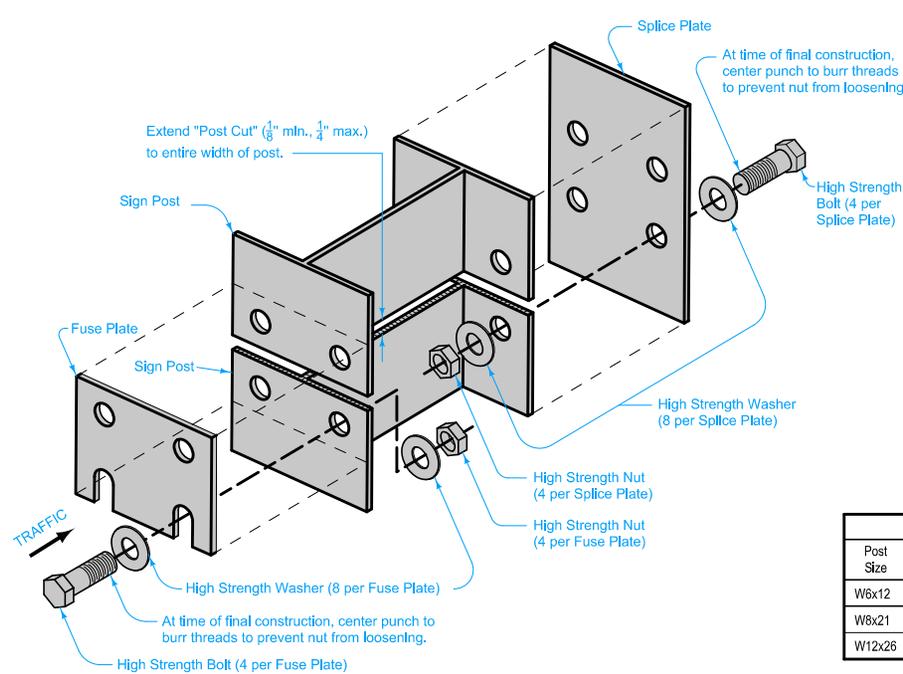
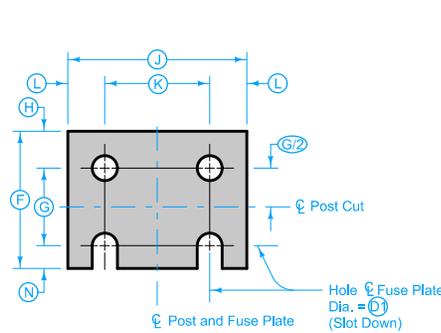


**SIGN INSTALLATION**  
Side View

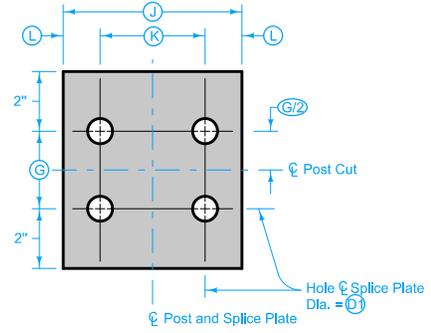
**STUB & SIGN POSTS**  
3d View



**FUSE PLATE ASSEMBLY**



**FUSE PLATE**  
(Thickness  $T_3$ )



**SPLICE PLATE**  
(Thickness  $T_4$ )

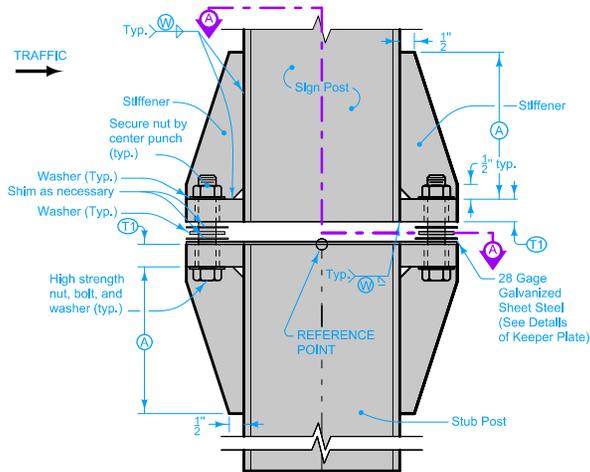
Plumb signpost by installing brass stock or strip shims complying with ASTM B36. Furnish two shims each of 0.012" and 0.032" thickness (total of 4 per post).

- ① Not for single post installations.
- ② Refer to Standard Road Plan SI-112 for footing information.

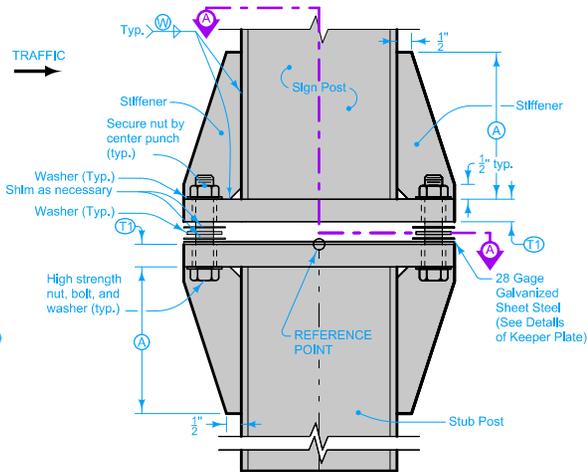
FUSE AND SPLICE PLATE DATA										
Post Size	Bolt Dia.	F	G	H	J	K	L	N	$T_3$	$T_4$
W6x12	$\frac{5}{8}$ "	$3\frac{3}{4}$ "	2"	$1\frac{1}{8}$ "	4"	$2\frac{1}{4}$ "	$\frac{7}{8}$ "	$5\frac{3}{8}$ "	$1\frac{1}{8}$ "	$\frac{1}{4}$ "
W8x21	$\frac{7}{8}$ "	$4\frac{1}{8}$ "	$2\frac{1}{2}$ "	$1\frac{1}{2}$ "	$5\frac{1}{4}$ "	$2\frac{3}{4}$ "	$1\frac{1}{4}$ "	$7\frac{1}{8}$ "	$1\frac{5}{16}$ "	$\frac{3}{8}$ "
W12x26	$\frac{7}{8}$ "	$5\frac{3}{8}$ "	3"	$1\frac{1}{2}$ "	$6\frac{1}{2}$ "	$3\frac{1}{2}$ "	$1\frac{1}{2}$ "	$7\frac{7}{8}$ "	$1\frac{5}{16}$ "	$\frac{3}{8}$ "

Possible Contract Item:  
Steel Breakaway Sign Post for Type A or B Signs

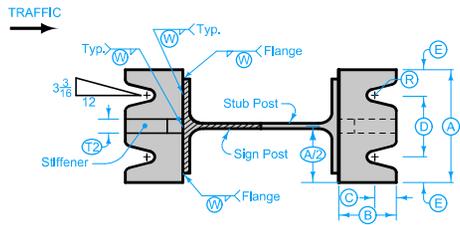
 <b>STANDARD ROAD PLAN</b>	REVISION 6 04-19-16
	<b>SI-113</b>
	SHEET 1 of 2
REVISIONS: Moved footing information to SI-112. Removed various post sizes and Hinge Alternate 2. Changed "C" dimension.	
 APPROVED BY DESIGN METHODS ENGINEER	
SUPPORT STRUCTURES - STEEL BREAKAWAY POSTS	



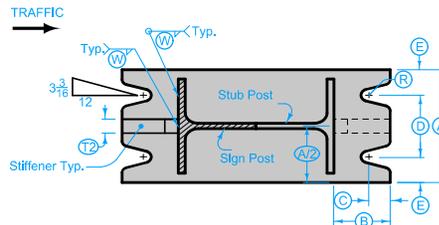
**BREAKAWAY BASE**  
Side View  
(Alternate 1)



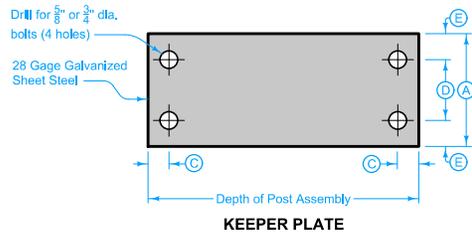
**BREAKAWAY BASE**  
Side View  
(Alternate 2)



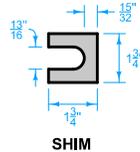
**SECTION A-A**  
PLAN - BASE  
(ALTERNATE 1)



**SECTION A-A**  
PLAN - BASE  
(ALTERNATE 2)



**KEEPER PLATE**



**SHIM**

BREAKAWAY BASE DATA										
Post Size	Bolt Size & Torque	A	B	C	D	E	T	T2	W	R
W 6 x 12	5/8\"/>									
W 8 x 21 W 12 x 26	3/4\"/>									

The following Base Plate alternates are considered equivalent:

Alternate 1 - Weld base plates (2 each), to sides of signpost and stub post flanges.

Alternate 2 - Weld base plate (1 each) to end of sign post and stub post. Properly match and align the bolt holes and notches in the stub post plate and the sign post plate as indicated herein.

Grind smooth all welds and galvanizing between Base Plates.

 <b>STANDARD ROAD PLAN</b>	REVISION
	6 04-19-16
	<b>SI-113</b>
SHEET 2 of 2	
<small>REVISIONS: Moved footing information to SI-112. Removed various post sizes and Hinge Alternate 2. Changed "C" dimension.</small>	
<i>Brian Smith</i> <small>APPROVED BY DESIGN METHODS ENGINEER</small>	
<b>SUPPORT STRUCTURES - STEEL BREAKAWAY POSTS</b>	