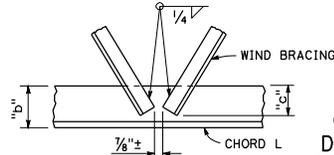
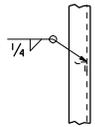


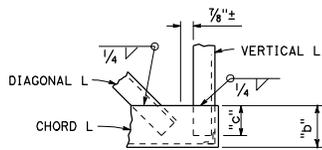
DETAIL 1



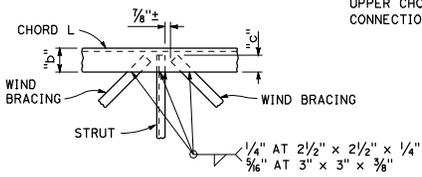
DETAIL 2



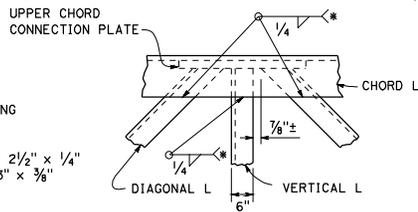
DETAIL 3



DETAIL 4



DETAIL 5

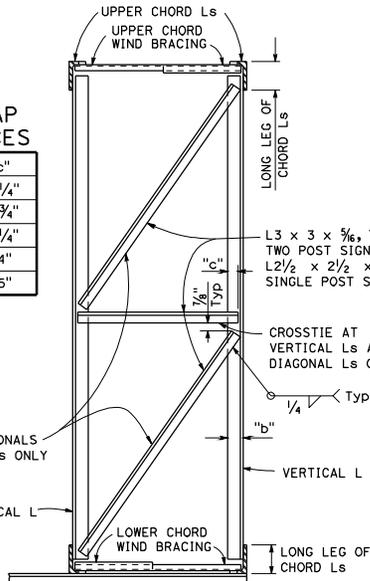


DETAIL 6

\* Welds are to upper chord connection plate and chord angle.

**OVERLAP DISTANCES**

"b"	"c"
3 1/2"	2 1/4"
4"	2 3/4"
5"	3 1/4"
6"	4"
8"	5"



**TYPICAL SECTION J-J**

**NOTE:**  
Diagonal Ls in plane of truss not shown. Bracing shown is at all vertical Ls of truss.

**BOLTED CHORD SPLICE**  
**TWO POST SIGNS**

CHORD L	NOMINAL BOLT DIAMETER	"a"
5 x 3 1/2 x 3/8	3/4"	2 1/2"
6 x 4 x 1/2	7/8"	3"
8 x 4 x 3/4	1 1/4"	3 3/4"
8 x 6 x 3/4	1 1/4"	3 3/4"

**SINGLE POST SIGNS**

CHORD L	NOMINAL BOLT DIAMETER	"a"
5 x 5 x 1/2	3/8"	3"
6 x 6 x 1/2	7/8"	3"

DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET NO.	TOTAL SHEETS

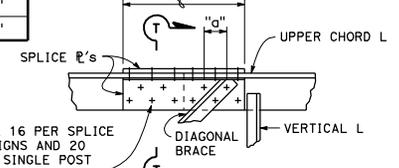
Stanley P. Johnson  
REGISTERED CIVIL ENGINEER

May 20, 2011  
PLANS APPROVAL DATE

THE STATE OF CALIFORNIA OR ITS OFFICERS OR AGENTS SHALL NOT BE RESPONSIBLE FOR THE ACCURACY OR COMPLETENESS OF SCANNED COPIES OF THIS PLAN SHEET.

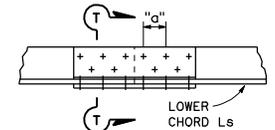
Stanley P. Johnson  
No. CS793  
Exp. 3-31-12  
CIVIL  
STATE OF CALIFORNIA

VARIABLE LENGTH DETERMINED BY MIN GAGE, PITCH AND EDGE DISTANCE



**SPLICE WITH DIAGONAL ANGLE**

HS BOLTS, TOTAL 16 PER SPLICE FOR TWO POST SIGNS AND 20 PER SPLICE FOR SINGLE POST SIGNS. SEE TABLE FOR SIZE



**SPLICE WITHOUT DIAGONAL ANGLE**  
**BOLTED CHORD SPLICE**

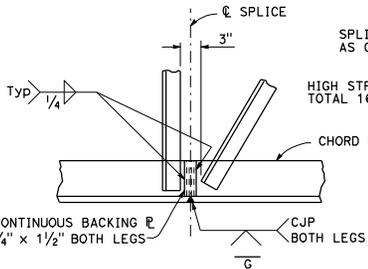
**SPLICE NOTES:**

Location of Splices:

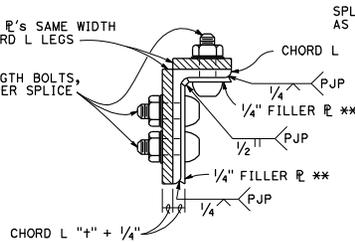
The splice shall be located so as not to interfere with mounting the walkway brackets or the clip angles for the removable sign panel frame. For two post type see also S11.

Filler L:

The plates welded to the angle legs on the inside shall be welded before drilling the bolt holes. The plates shall be the same length as the cover plates. The plates are not necessary on the single post signs if the splice is located over 1/3 of the cantilever length from the post. Alternative splice details may be used if approved by the Engineer.

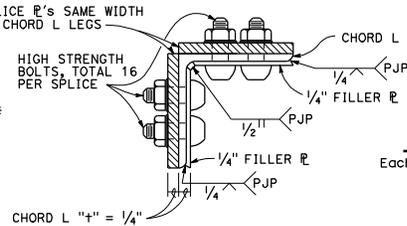


**WELDED CHORD SPLICE**

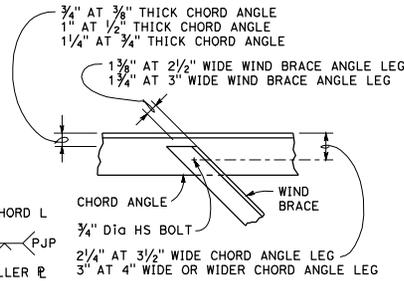


**SECTION T-T**  
**TWO POST SIGNS**

\*\* 5/8" Filler L at 3/4" thick chord angle



**SECTION T-T**  
**SINGLE POST SIGNS**



**BOLTED WIND BRACE DETAIL**

Each end of wind brace at bolted chord splice

STATE OF CALIFORNIA  
DEPARTMENT OF TRANSPORTATION  
**OVERHEAD SIGNS-TRUSS**  
**STRUCTURAL FRAME DETAILS**  
NO SCALE