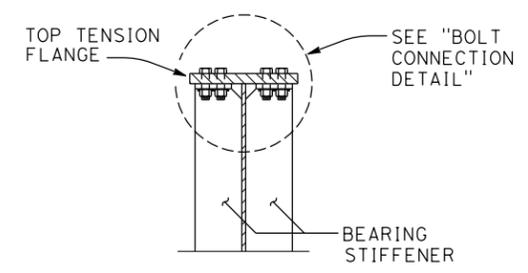
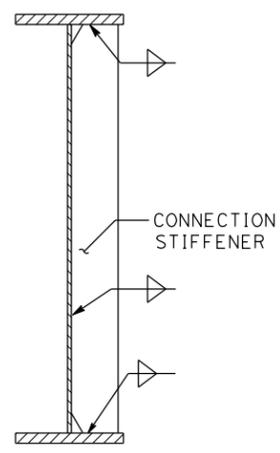


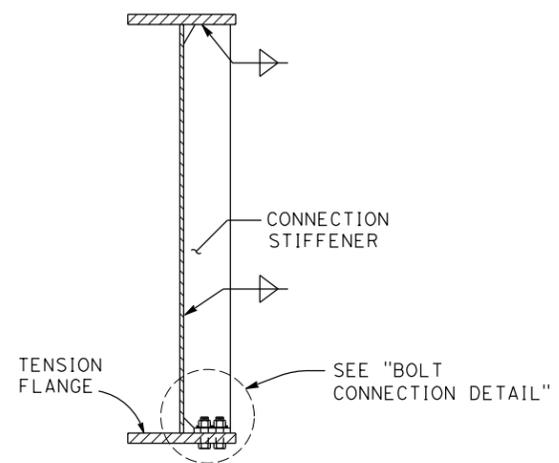
DIST	COUNTY	ROUTE	POST MILES TOTAL PROJECT	SHEET No.	TOTAL SHEETS
X	X	X	X	X	X
REGISTERED CIVIL ENGINEER			X	DATE	
PLANS APPROVAL DATE					
<i>The State of California or its officers or agents shall not be responsible for the accuracy or completeness of electronic copies of this plan sheet.</i>					



**ALTERNATIVE 3  
BOLTED CONNECTION**



**ALTERNATIVE 1  
WELDED CONNECTION**



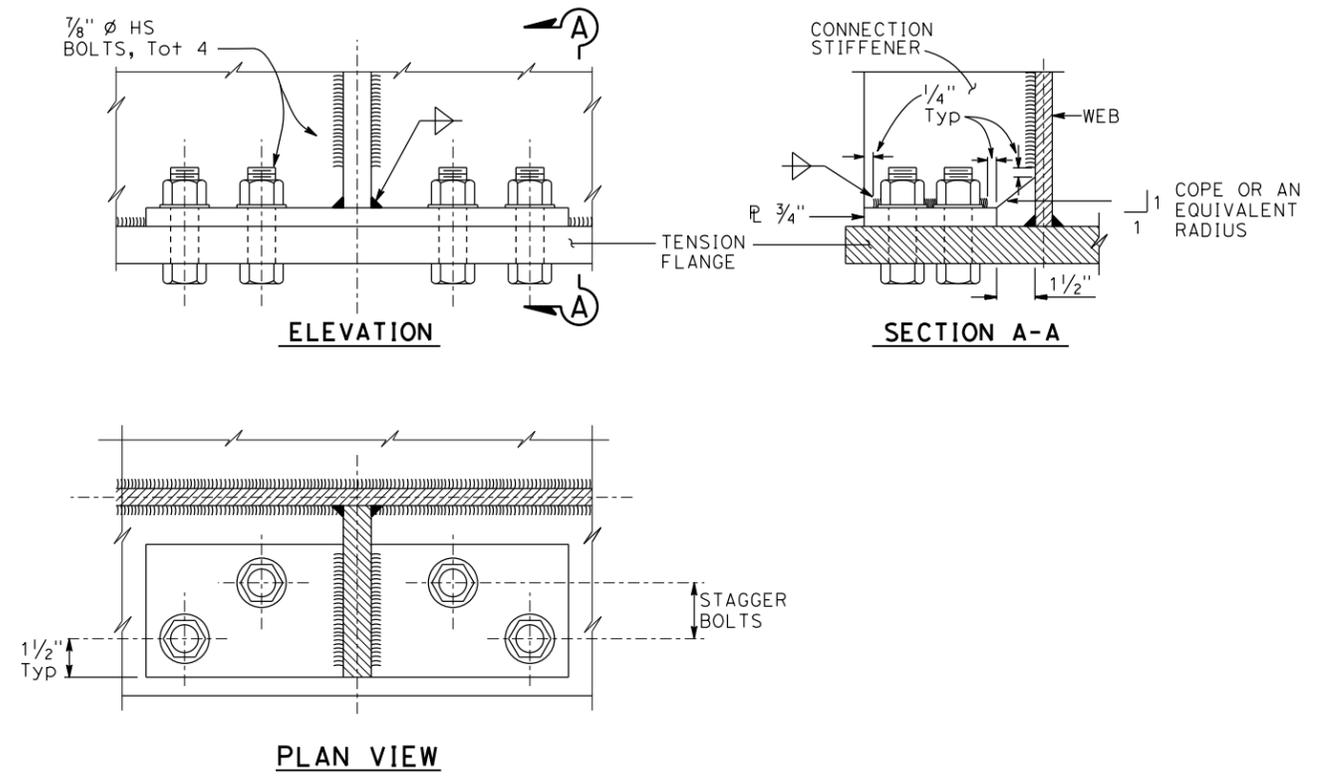
**ALTERNATIVE 2  
BOLTED CONNECTION**

**CONNECTION STIFFENER**

CROSS FRAME OR DIAPHRAGM NOT SHOWN  
(ONE-SIDE STIFFENER SHOWN, OTHER SIDE SIMILAR)

**NOTES:**

1. For stiffener sizes see Project Plan sheets.
2. Fillet Weld size to be minimum size from Project Specifications unless otherwise shown on Project Plan sheets.
3. See Project Plan sheets for locations where bolted connection is required.



**BOLT CONNECTION DETAIL**

FOR 3/4" PLATE:  
WIDTH TO BE AS DRAWN.  
LENGTH TO BE MINIMUM TO PROVIDE FOR INSTALLATION  
CLEARANCE AND 2 5/8" C-C BETWEEN ADJACENT BOLTS.

Note to Designer: (remove this note before printing)

The weld between the connection stiffener and the flange or the tab plate shall be designed for lateral loads.

The bolts connecting tab plate and the flange shall be designed for lateral loads.

The detail sheets must define locations where the bolted connection is required.

The detail sheets must define locations where the weld size required is larger than the minimum.

NO SCALE

STANDARD DRAWING	
FILE NO. <b>xs1-410-3</b>	APPROVAL DATE July 2014

STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION	
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DIVISION OF ENGINEERING SERVICES	
BRIDGE NO.	X
POST MILE	X

STEEL GIRDER CONNECTION STIFFENER DETAILS	
REVISION DATES	SHEET OF
6-18-14	X X

TIME PLOTTED => \$TIME DATE PLOTTED => \$DATE USERNAME => \$USER