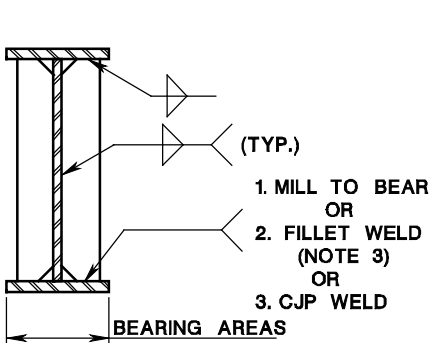


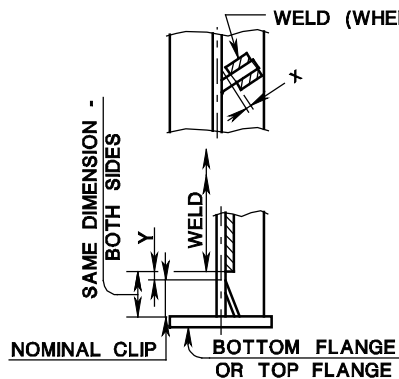
INTERMEDIATE AND BEARING STIFFENER DETAILS (1 OF 2)

ISSUED: 2009

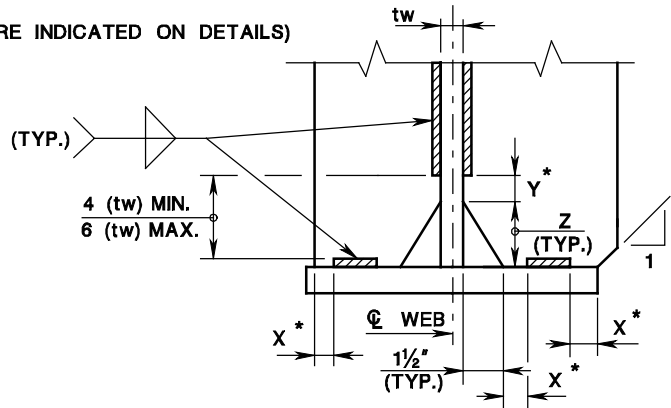
PLATE
3.9-5



**BEARING
STIFFENER**



**STIFFENER WELDING DETAIL
(FOR SKEWED STIFFENERS)**



**DETAIL @ END OF STIFFENER
OR CONNECTION PLATE**

- SHOW STIFFENER PLATE AND FILLET WELD SIZES ON THE PLAN

$$X = \frac{3}{16}'' \pm \frac{1}{8}''$$

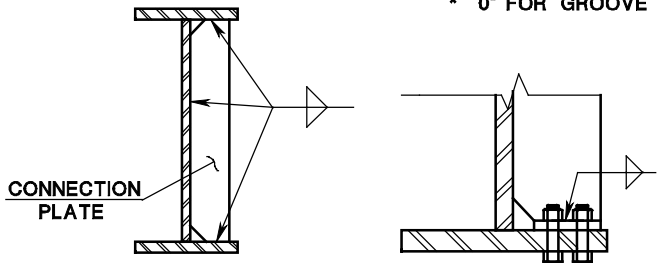
$$Y = \frac{9}{16}'' \pm \frac{3}{16}''$$

$$Z = 2\frac{1}{2}'' \text{ FOR } \frac{1}{2}'' \text{ WEB}$$

$$3'' \text{ FOR } \frac{5}{8}'' \text{ WEB}$$

$$4'' \text{ FOR } \frac{3}{4}'' \text{ WEB}$$

$$* 0'' \text{ FOR GROOVE WELD.}$$



**CONNECTION
PLATE**

**ALTERNATE DETAIL
@ TENSION FLANGE
WHERE STRESS RANGE
EXCEEDS CATEGORY C**

NOTES:

1. STIFFENER SIZE MUST BE SHOWN ON PLANS.
2. FILLET WELD SIZE SHALL BE SHOWN ON PLANS UNLESS MINIMUM WELD SIZE AS PER AASHTO/AWS D1.5 IS TO BE USED.
3. IF A BEARING STIFFENER IS USED AS A CONNECTION PLATE FOR CROSS FRAMES FILLET WELDS ARE REQUIRED IN ADDITION TO MILL TO BEAR. INVESTIGATE LOAD FOR REQUIREMENT OF CJP WELDS.
4. WHEN LONGITUDINAL STIFFENERS ARE REQUIRED, PLACE ALL TRANSVERSE STIFFENERS ON ONE SIDE OF WEB AND PLACE THE LONGITUDINAL STIFFENER ON OPPOSITE SIDE.