

**FIXED SHOE**

400 & 1 ksi reaction kips, use 3/8" bolts.

1000 & 2 ksi reaction kips, use 1/2" bolts.

Notes:

- All structural steel bearing plates shall be flat rolled steel plates with all surfaces smooth and free from warp and all edges straight, parallel, and uniform.
- All plate cuts shall be made or machine plane cuts on machine bearers. Face machining can be performed after welding is completed.
- All materials for bearings including bolts, nuts, and washers shall conform to ASTM specification Type A709 Grade 36 steel.
- Anchor bolts, nuts, and washers shall conform to ASTM specification Type A325 or B7, and bolts shall be equivalent in yield strength and elongation.
- Use 2" stiffeners.
- For reactions > 1000 kips, use 2" stiffeners.

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Type B - Steel Girders Fixed Shoe

Bureau of Structures

Approved: Bill Oliva Date: 1-16

Standard: 40.22

For more information, refer to the standard specifications.