

- The structural steel plates of the Bearing Assembly shall conform to the requirements of AASHTO M270, Grade 50.
- 2. Cost of top and bottom bearing assembly plates, ${}^{\prime}g$ " Elastomeric Neoprene, shim plates and threaded studs with washer shall be included with "High Load Multi-Rotation, Guided Expansion 450k".
- 3. Anchor bolts shall be ASTM F1554 all-thread (or an Engineer approved alternative material) of the grade and diameter specified. ASTM A307 Grade C anchor bolts may be used in lieu of ASTM F1554 Grade 36 (Fy=36 ksi)
- 4. Anchor bolts may be cast in place or installed in holes drilled after members are in place. Drilled and set anchor bolts shall be installed according to Article 521.06 of the Standard Specifications.
- 5. Two $\slash g$ " adjusting shims shall be provided for each bearing in addition to all other plates or shims and placed as shown in bearing details.
- 6. The bearing assembly shall be capable of transmitting 20% of the vertical design load as a horizontal force in the direction normal to the guide bars.

| | L | 2′~5" | | - | | ′- 10" | |
|----------|--|----------------------|------|----|--|---|------|
| | 2", 1'-0'2" | 1'-0 ¹ 2" | 2" | 5" | 6" | 6" | 5" |
| | " \$\phi \ Hole for \ I" \phi \ anchor \ bolts Typ | © Girder | | | | € Girder | |
| , 2 | | | | 0 | | (| 0 |
| 7" L'-6" | | 600 | 634" | 0 | 8 | 0 | 0 |
| 17. | \(\frac{\psi^2}{2}\) | | 73." | 0 | 1.35% | | / 0 |
| | <u> </u> | | 2 | |) | | |
| | | Base cylinder | | | | | |
| | BOTTOM BEARING PLATE | AND BASE CYLINDER F | PLAN | 1 | ³ ₄ " φ tapp ³ ₄ " φ H.S. thr | readed stud Typ | |

| TOP | BEA | A <i>RING</i> | PLAT | E AND | PISI | TON PLA | Ν |
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| SHEET | NO. | 63 | OF | 103 | SHEETS | |

| F.A.P. RTE. | SECTION | COUNTY | TOTAL SHEETS | SHEET NO. | | | |
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| 646 | IB-2 | WHITESIDE | 257 | 166 | | | |
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