
BILL OF MATERIAL

| Item | Unit | Total |
| :--- | :---: | :---: |
| High Lood Multi-Rototional Bearings, Guided Expansion, 550 kips | Eoch | 13 |
| Anchor Bolts, $l_{2} z^{\prime \prime}$ | Eoch | 52 |

## NOTES:

The structural steel plates of the Bearing Assembly shall conform to the enis of AASHTO M 270 Grode 50.
2. Cost of top and bottom bearing plates, 'r" elastomeric neoprene leveling pad, adjusting shims and threaded studs with washers shall be included
with "Hligh Lood Multi-Rotational Bearings, Guided Expansion, 550 kips".
3. Anchor bolts sholl be ASTM F1554 all-thread (or an Engineer-approved alternotive moterial) of the grode ond diameter specified. The correspon
specified grode of AASHTO M314 anchor bolts moy be used in lieu of seecifieie grod
ASTM FI554.
4. Anchor bolts shall be placed in holes grilied in the concrete through holes
in the bottom beoring plate ofter members ore in place.
in the bottom bearing plate after members are in place.
Standard Specifications.
6. Two ' ${ }^{8}$ " odjusting shims shall be provided for each bearing in addition
to all other plates or shims ond ploced os shown on bearing details.
. The ' $g^{\prime \prime}$ PTFE sheet shall be bonded directly to the piston with a two

component, medium viscosity epoxy resin. conforming the requirements
of the Federal Speeificioation MMM-A-134, Type $I$. The bond ogent shall be
applied on the full area of the contact surffoces. of the Standard Specifications.

* No Imoact
* Maximum Factored Ullimate (Strength) Design Rotation


TOP BEARING $\mathbb{P}$ - PISTON PLAN

BOTTOM BEARING P AND BASE CYLINDER PLAN



* No Impoct

