



1994

BCT BEARING PLATE

FPB01

| SHEET NO. | REF. NO. |
|-----------|----------|
| 1 of 2 | F-36-79 |

SPECIFICATIONS

Bearing plate shall be formed from AASHTO M270M (ASTM A709M) Grade 250 steel plate and zinc-coated according to AASHTO M111 (ASTM A123) except when corrosion resistant steel is requested. No punching, drilling or cutting is permitted after the bracket is zinc-coated. Where corrosion resistant steel is desired, the bracket shall be manufactured from AASHTO M270M (ASTM A709M) Grade 50W plate and shall not be painted or zinc-coated.

Dimensional tolerances not shown or implied are intended to be those consistent with the proper functioning of the part, including its appearance and accepted manufacturing practices.

INTENDED USE

This bearing plate is used on the BCT guardrail terminals (SEW03a-b and SEW04a-b) and the MELT terminal (SEW05) as well as the trailing-end terminals (SEW02a-b). The anchor cable stud (FCA01) fits through the hole and is secured in place by an FNX24a nut. The plate bears upon the breakaway timber post (PDF01). Two 16d nails are nailed over the plate into the post and bent down to keep the plate from rotating. These nails are intended to prevent the plate from rotating around the nut.

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