

SPECIFICATIONS

W-beam guardrail blockouts shall be manufactured using AASHTO M270M (ASTM A709M) Grade 250 steel unless corrosion resistant steel is required in which case the blockout shall be manufactured from AASHTO M270M (ASTM A709M) Grade 50W steel. The dimensions of the structural W150x13.5 are defined in AASHTO M160M (ASTM A6M). W150x12.6 wide flange posts are an acceptable alternative that is considered equivalent to the W150x13.5.

After the section is cut and all holes are drilled or punched the component should be zinc-coated according to AASHTO M111 (ASTM A123) unless corrosion resistant steel is used in which case it should not be zinc-coated, painted or otherwise treated.

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 blockout is used in the SGR04a strong-post W-beam guardrail and the SGM04a strong-post median barrier. Each blockout is attached to PWE01 or PWE02 posts with at least 2 40-mm long zinc-coated FBX16a bolts and nuts. The w-beam is attached to the post using an FBB02 guardrail bolt and nut.

W-BEAM GUARDRAIL BLOCKOUT

PWB01

SHEET NO.

DATE

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03-23-00

