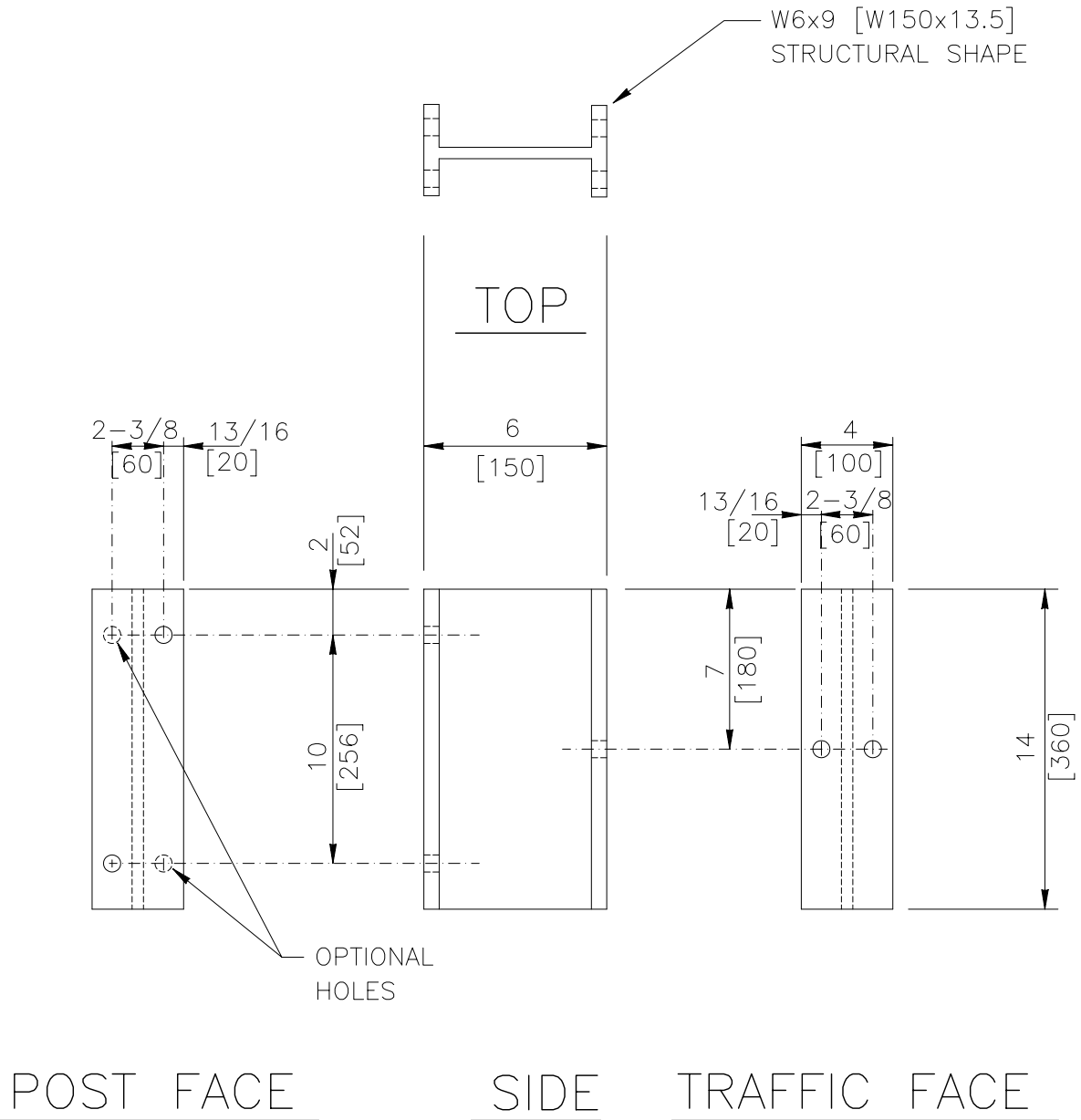


NOTES:

1. ALL HOLES ARE $3/4$ [20] D



1994

W-BEAM GUARDRAIL BLOCKOUT

PWB01

SHEET NO.

DATE:

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SPECIFICATIONS

W-beam guardrail blockouts shall be manufactured using AASHTO M 270 / M 270M (ASTM A 709 / A 709M) Grade 36 [250] steel unless corrosion-resistant steel is required, in which case the blockout shall be manufactured from AASHTO M 270 / M 270M (ASTM A 709 / A 709M) Grade 50W [345W] steel. The dimensions of the structural W6x9 [W150x13.5] are defined in AASHTO M 160 / M 160M (ASTM A 6 / A 6M). [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 M 111 (ASTM A 123) 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. Each blockout is attached to PWE01 or PWE02 posts with at least two 1.5-inch [40 mm] long zinc-coated FBX16a bolts and nuts. The W-beam is attached to the blockout using an FBB02 guardrail bolt and nut.

W-BEAM GUARDRAIL BLOCKOUT

PWB01

SHEET NO.

DATE

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7/06/2005