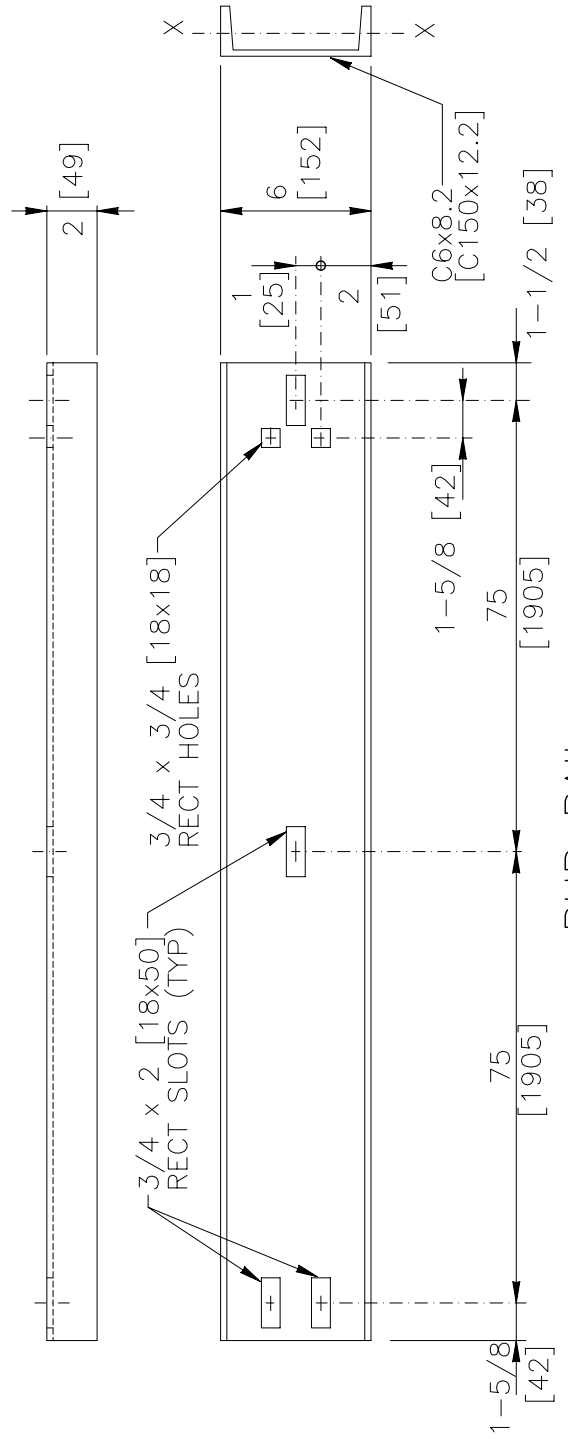


SPLICE PLATE



RUB RAIL

CHANNEL-SECTION RUB RAIL AND SPLICE

RLR01

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SPECIFICATIONS

Channel section rub rails shall be manufactured from C6x8.2 [C150x12.2] channel sections as defined in AASHTO M 160/M 160M (ASTM A 6/A 6M). Rub rails and splice plates shall be manufactured from AASHTO M 270 / M 270M (ASTM A 709 / A 709M) Grade 36 [250] steel unless corrosion-resistant steel is required, in which case AASHTO M 270 / M 270M (ASTM A 709 / A 709M) Grade 50W [345W] steel shall be used. Unless rub rails and splice plates are made of corrosion-resistant steel, all hardware shall be zinc-coated according to AASHTO M 111 (ASTM A 123) unless corrosion-resistant steel is required. Corrosion-resistant steel shall conform to AASHTO M 222/M 222M (ASTM A 588/A 588M) after all punching and cutting are complete.

Inertial properties shown below are based on the gross cross-section dimensions without a reduction for splice and bolt holes.

Designator	Area in ² [10 ³ mm ²]	I _x in ⁴ [10 ⁶ mm ⁴]	I _y in ⁴ [10 ⁶ mm ⁴]	S _x in ³ [10 ³ mm ³]	S _y in ³ [10 ³ mm ³]
RLR01	2.48 [1.6]	0.69 [0.288]	13.09 [5.45]	0.49 [8.04]	4.38 [71.7]

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 rub rail is used in the SGM06a-b strong-post w-beam median barrier. Sections of this rub rail are connected using the splice plate and four 1.5-inch [40-mm] long FBX16a bolts and nuts. The rub rail can be attached to the PDE15 timber post using an FBB04 bolt and nut or to the PWE05 steel post using an FBB03 bolt and nut.

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