



**SECTIONAL PROPERTIES**

Area		4.82 in <sup>2</sup>
Weight		5.91 lb/ft
Moment of Inertia	I <sub>xx</sub>	27.05 in <sup>4</sup>
	I <sub>yy</sub>	12.087 in <sup>4</sup>
Section Modulus	S <sub>xx</sub> (max)	7.94 in <sup>3</sup>
	S <sub>xx</sub> (min)	7.79 in <sup>3</sup>
	S <sub>yy</sub>	5.372 in <sup>3</sup>

**SPECIFICATIONS**

Rail element shall conform to the requirements of A.S.T.M. B221, alloy 6061-T6 or alloy 6351-T5 (minimum elongation 10%).

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 section is used as a traffic rail element for special service conditions.

Note: For clamp bar to fasten rail to a post see F-21-76.

**6 7/8" X 4 1/2" SEMI-ELLIPSE RAIL**

HM-TF-13

APPENDIX

A.7.1