

# SPECIFICATION

Roadside Safety Devices

Designator: **TRTM04a**

Description: **4 – SPACE THRIE BEAM  
GUARDRAIL**

**Manitoba**   
**Infrastructure and  
Transportation**

Traffic Engineering

---

4 – Space Thrie Beam Guardrail shall conform to the current requirements of AASHTO M180. The section shall be manufactured from sheets with a nominal width of 750 mm. TRTM04a shall conform to AASHTO M180 Class A. Thrie beams may be either Type II (zinc coated) or Type IV (corrosion resistant steel). Corrosion resistant steel should conform to ASTM A606 for Type IV material and shall not be zinc coated, painted or otherwise treated. Inertial properties are calculated for the whole cross section without a reduction for the splice bolt holes.

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. 4 – Space Thrie Beam Guardrail may be supplied in the nearest Imperial, or English, units equivalent and corresponding manufacturing specification.

4 – Space Thrie Beam Guardrail shall be shipped in bundles not exceeding 25 pieces per bundle. The traffic face of the rail shall be facing up and, if shipped in single stack bundles, rail sections shall be separated by one 5 mm diameter nylon rod located approximately 250 mm from each end and another at the mid point.

Effective Date: September 1, 2001

Revised Date: January 31, 2011

