

# SPECIFICATION

Roadside Safety Devices

Designator: **TRWM24a**

Description: **LONG 2 – SPACE  
W BEAM GUARDRAIL**



Long 2 – Space W Beam Guardrail shall conform to the current requirements of AASHTO M180 Class A. The section shall be manufactured from sheets with a nominal width of 483 mm. Corrosion protection 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 (Area =  $1.3 \times 10^3 \text{ mm}^2$ ;  $I_x = 1.0 \times 10^6 \text{ mm}^4$ ;  $S_x = 23 \times 10^3 \text{ mm}^3$ ).

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. Long 2 – Space W Beam Guardrail may be supplied in the nearest equivalent Imperial, or English, units and corresponding manufacturing specification.

Long 2 – Space W Beam Guardrail shall be shipped in bundles not exceeding 25 pieces. 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, or suitable substitute, located approximately 250 mm from each end and another at the midpoint.

Effective Date: January 10, 2013

Revised Date:

