

SPECIFICATION

Roadside Safety Devices

Designator: **TPFP01**

Description: **STRUT AND YOKE
ASSEMBLY**

Manitoba 
**Infrastructure and
Transportation**

Traffic Engineering

The Strut and Yoke Assembly shall be manufactured from material as follows:

- a) strut: from a C150×12.2 channel section as defined in AASHTO M160M (ASTM A6M). The material of the strut shall be AASHTO M270M (ASTM A709M) Grade 250 steel;
- b) yoke: from 5 mm. thick AASHTO M270M (ASTM A709M) Grade 250 steel plate.

After all punching, drilling, stamping and welding is complete, the section shall be zinc coated according to AASHTO M111 (ASTM A123) unless corrosion resistant steel is desired. Corrosion resistant steel shall conform to AASHTO M270M (ASTM A709M) Grade 50W and should not be zinc coated, painted or otherwise coated. Welding shall conform to the requirements of ANSI/AASHTO/AWS D1.5.

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. Strut and Yoke Assembly may be supplied in the nearest Imperial, or English, units equivalent and corresponding manufacturing specification.

Effective Date: September 1, 2001

Revised Date: January 31, 2011

