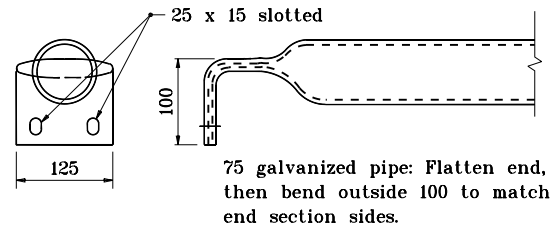
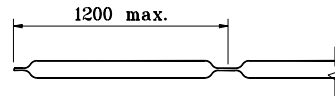


OR



TRANSVERSE SAFETY BAR DETAILS



LONGITUDINAL SAFETY BAR DETAIL

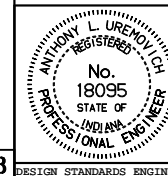
All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

**SAFETY METAL CULVERT END
SECTIONS FOR SMOOTH PIPE**

JANUARY 1998

STANDARD DRAWING NO. **715-SMES-09**



/s/ Anthony L. Uremovich 1-02-98
DESIGN STANDARDS ENGINEER DATE

/s/ Donald W. Lucas 1-02-98
CHIEF HIGHWAY ENGINEER DATE

Source Sheet: **SMES3**