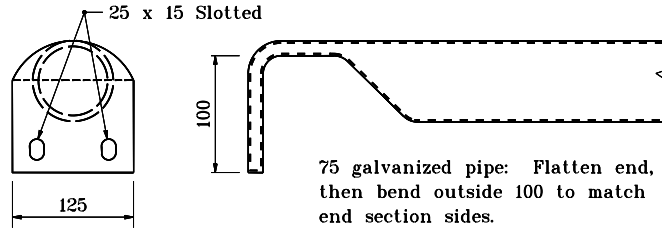
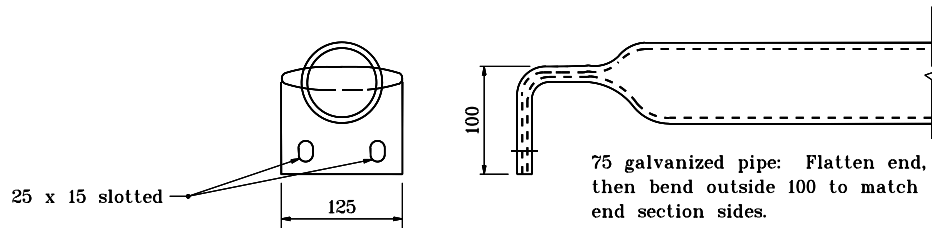


**LONGITUDINAL SAFETY BAR DETAIL**



OR



**TRANSVERSE SAFETY BAR DETAILS**

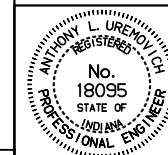
All dimensions are in mm unless otherwise specified.

INDIANA DEPARTMENT OF TRANSPORTATION

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

JANUARY 1998

STANDARD DRAWING NO. 715-SMES-02



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

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

Source Sheet: SMES1

DESIGN STANDARDS ENGINEER