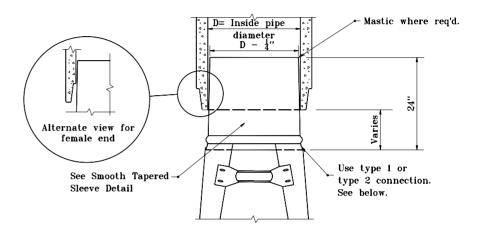


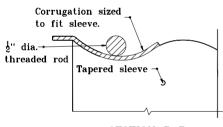
GENERAL NOTES

1. For circular pipe diameters through 24", attach end section to pipe with type 1 connector. For all other sizes, attach end section to pipe with type 2 connector.



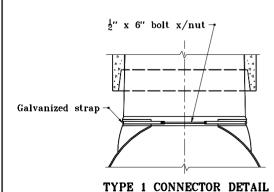
TAPERED SLEEVE FOR ATTACHING STEEL END SECTION TO SMOOTH INTERIOR PIPE

SMOOTH TAPERED SLEEVE DETAIL



SECTION B-B

for all circular pipes through 24"



top of end section. Side lugs to be bolted to end section. ← Side lug

1" dia. threaded rod over

TYPE 2 CONNECTOR DETAIL all circular pipes larger than 24" and all horizontal elliptical pipes INDIANA DEPARTMENT OF TRANSPORTATION SAFETY METAL CULVERT END SECTIONS FOR SMOOTH PIPE

JANUARY 1998

STANDARD DRAWING NO. E 715-SMES-08 DETAILS PLACED IN THIS FORMAT 7-27-99



/s/Anthony L. Uremovich 7-27-99

7-27-99 DATE /s/ Firooz Zandi

ORIGIANLLY APPROVED