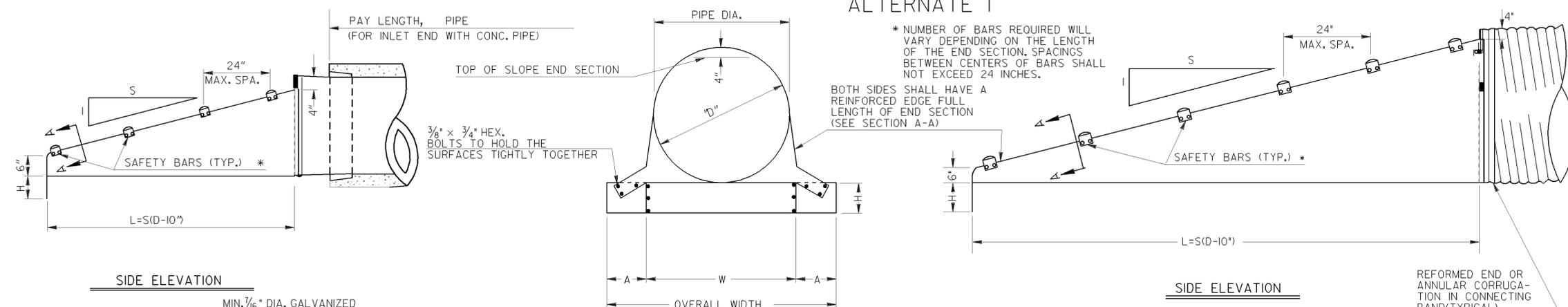


STATE	PROJECT NUMBER	SHEET NO.	TOTAL SHEETS
GA.	STP00-0000-00(408)	112	187

### ALTERNATE 1



\* NUMBER OF BARS REQUIRED WILL VARY DEPENDING ON THE LENGTH OF THE END SECTION. SPACINGS BETWEEN CENTERS OF BARS SHALL NOT EXCEED 24 INCHES.

BOTH SIDES SHALL HAVE A REINFORCED EDGE FULL LENGTH OF END SECTION (SEE SECTION A-A)

### GENERAL NOTES ALTERNATE 1

**GALVANIZED STEEL SHEET**  
USE GALVANIZED STEEL SHEET CONFORMING TO AASHTO M 218.

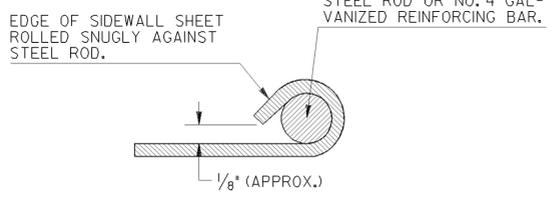
**CONNECTORS**  
PAYMENT FOR END SECTION SHALL INCLUDE CONNECTION OF THE TYPE REQUIRED FOR THE SIDE DRAIN USED.

**SAFETY BARS**  
SHALL BE 3" SCHEDULE 40 GALVANIZED STEEL PIPE. PIPE TO BE GALVANIZED AFTER FORMING. SAFETY BAR(S) SHALL BE REQUIRED FOR ALL SAFETY END SECTIONS.

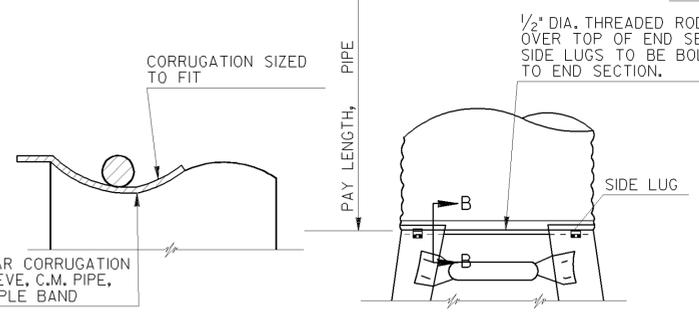
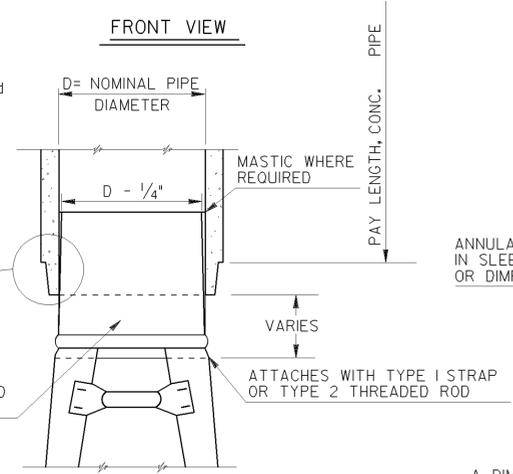
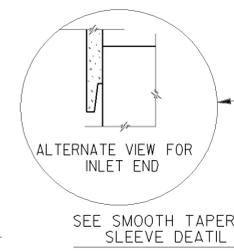
**MISCELLANEOUS DETAILS**  
DETAILS OF CONSTRUCTION MATERIALS AND WORKMANSHIP NOT SHOWN ON THIS DRAWING SHALL CONFORM TO THE MANUFACTURER'S REQUIREMENTS, SUBJECT TO APPROVAL BY THE D.O.T.'S LABORATORY. A SAMPLE MUST BE SUBMITTED TO PRE-QUALIFY THE PRODUCT.

SIZES, DIMENSIONS, AND THICKNESSES										
PIPE DIA. (IN.)	MIN. THICK. IN.	DIMENSIONS (INCHES)				OVERALL WIDTH	* L DIMENSION			
		A	H	W (D+6")	SLOPE (S:H)		SLOPE LENGTH (IN.)	SLOPE (S:H)	SLOPE LENGTH (IN.)	
15	.064	16	8	6	21	37	4:1	20	6:1	30
18	.064	16	8	6	24	40	4:1	32	6:1	48
24	.064	16	8	6	30	43	4:1	56	6:1	84
30	.109	12	12	9	36	60	4:1	80	6:1	120
36	.109	12	12	9	42	66	4:1	104	6:1	156
42	.109	12	16	12	48	80	4:1	128	6:1	192
48	.109	12	16	12	54	86	4:1	152	6:1	228

\*SEE STD. NO. 903IT FOR SLOPES AT SIDE ROAD OR AT DRIVES.



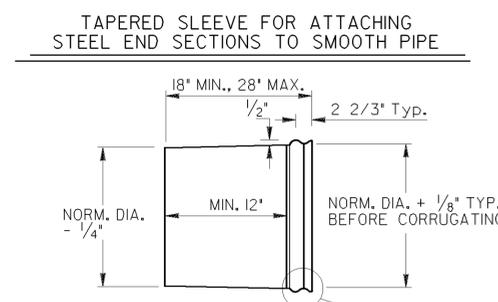
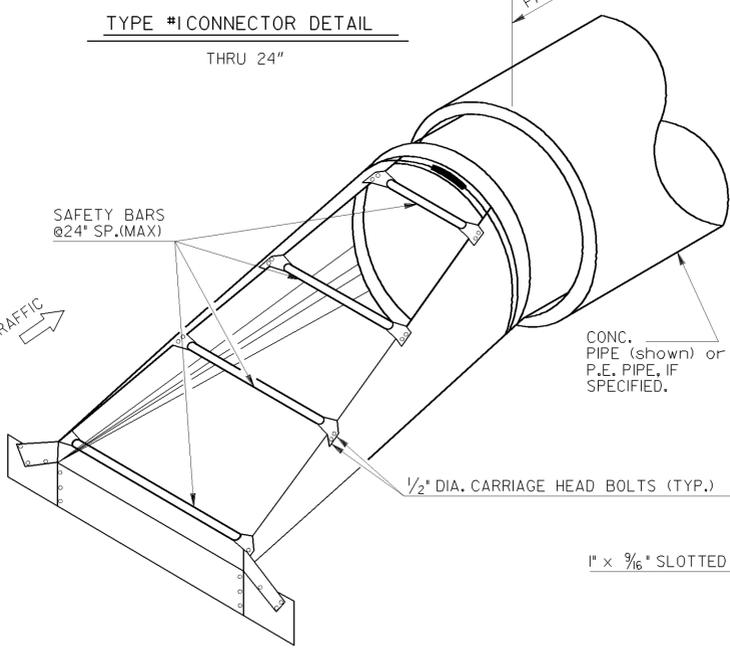
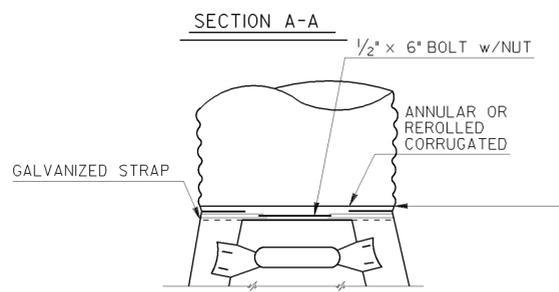
NOTE:  
Payment for Safety End Section shall include Tapered Sleeve.



TYPE 3 ALTERNATE CONNECTOR (NOT SHOWN)  
A DIMPLE BAND COLLAR MAY BE SHOP BOLTED TO THE END SECTION

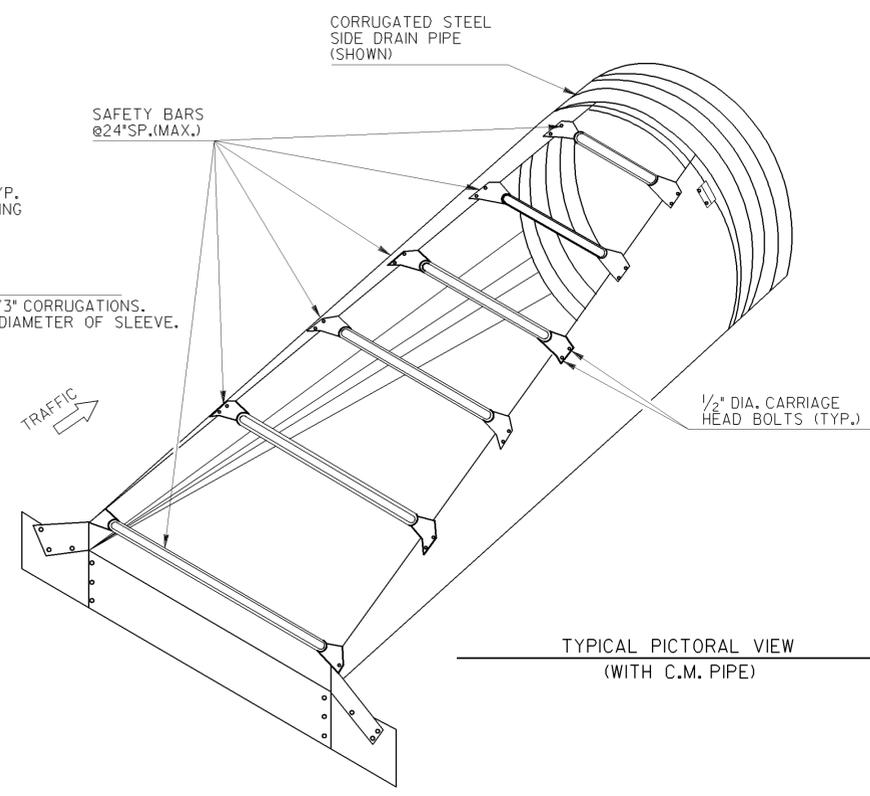
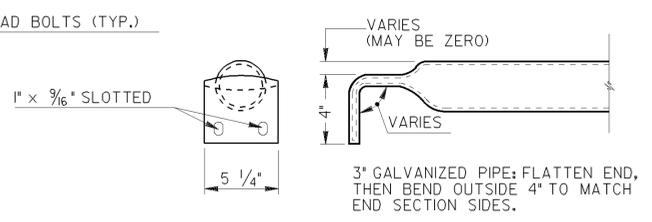
### SPECIAL NOTE:

WHERE THE LENGTH OF DITCH OR THE DISTANCE BETWEEN TOE POINTS OF END SECTIONS ON SEPARATE INSTALLATIONS WOULD BE LESS THAN 30 FT., CONTINUED S.D. PIPE WITH AN INTERMEDIATE INLET OR OTHER ALTERNATE MAY BE SPECIFIED INSTEAD.



NOTE: METAL TO BE 12 GAGE, SMOOTH GALVANIZED IN ACCORDANCE WITH AASHTO M218-AND COATED AS REQUIRED FOR END SECTION.

### TYPE 4 CONNECTOR SMOOTH TAPERED SLEEVE DETAIL



TYPICAL PICTORAL VIEW (WITH C.M. PIPE)

DEPARTMENT OF TRANSPORTATION STATE OF GEORGIA <b>STANDARD SAFETY END SECTION (METAL)</b> (FOR SIDE DRAIN PIPE-OR FOR STORM DRAIN PIPE PARALLEL TO MAINLINE) ALTERNATE 1			
REVISIONS: 1-28-05 CONVERTED TO STANDARD 12-14-94 PAY ITEM REVISION 11-18-94 GEN. REVISION 12-20-93 REFER TO STD. 9031-T	DATE NO SCALE	NUMBER 1122 SHEET 1 OF 3	DESIGNED _____ DRAWN _____ TRACED _____ CHECKED _____
(SUBMITTED) <i>[Signature]</i> STATE ROAD & AIRPORT DESIGN ENGINEER (APPROVED) <i>[Signature]</i> CHIEF ENGINEER		NUMBER 1122 SHEET 1 OF 3	