SAFETY METAL END SECTIONS FOR CIRCULAR PIPES							
Pipe Dia.	Min. Thick.	Dimensions				L Dimensions	
		A	H	W	Overall Width	4:1 Slope	6:1 Slope
375	1.63	200	150	525	925	500	750
450	1.63	200	150	600	1000	800	1200
525	1.63	200	150	675	1075	1100	1650
600	1.63	200	150	750	1150	1400	2100
750	2.77	300	225	900	1500	2000	3000
900	2.77	300	225	1050	1650	2600	3900
1050	2.77	400	300	1200	2000	3200	4800
1200	2.77	400	300	1350	2150	3800	5700
1350	2.77	400	300	1500	2300	4400	6600
1500	2.77	400	300	1650	2450	5000	7500

SAFETY METAL END SECTIONS FOR PIPE-ARCHES									
Equiv. Dia.	Span	Rise	Min. Thick.	Dimensions				L Dimension	
				A	H	W	Overall Width	4:1 Slope	6:1 Slope
450	530	380	1.63	200	150	675	1075	500	750
525	610	460	1.63	200	150	750	1150	800	1200
600	710	510	1.63	200	150	850	1250	1000	1500
750	885	610	2.01	300	225	1025	1625	1400	2100
900	1060	740	2.77	300	225	1200	1800	1900	2850
1050	1240	840	2.77	400	300	1375	2175	2300	3450
1200	1440	970	2.77	400	300	1575	2375	2800	4200
1350	1620	1100	2.77	400	300	1750	2550	3300	4950
1500	1800	1200	2.77	400	300	1925	2725	3700	5550
1800	2100	1450	2.77	400	300	2225	3025	4700	7050

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-06**

ANTHONY L. UREMOVICH REGISTERED No. 18095 STATE OF INDIANA PROFESSIONAL ENGINEER

DESIGN STANDARDS ENGINEER

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

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

Source Sheet: SMES2