



Area for computing ratio

(D) Diameter of Culvert (inches)	Area (A)	
	1 ½ : 1 Slope	2 : 1 Slope
	Sq. Ft.	Sq. Ft.
48	27.31	33.95
54	33.43	41.64
60	40.07	50.05
66	47.38	59.29
72	55.29	69.25
78	63.74	80.00
84	72.80	91.55

(S) Span of Culvert (inches)	Area (A)	
	1 ½ : 1 Slope	2 : 1 Slope
	Sq. Ft.	Sq. Ft.
60	23.31	28.88
68	23.31	28.88
76	27.31	33.95
83	33.43	41.64
91	40.07	50.05
98	47.38	59.29
106	55.29	69.25

Area is given for one endwall.
Double area shown if two endwalls are used.

TO DETERMINE RATIO	$\frac{A}{D \text{ or } S \text{ (in feet)} \times \text{Length of Culvert}}$
-----------------------	---

TABLE D-24 COMPUTATION OF RATIOS FOR MINOR STRUCTURE EXCAVATION STANDARDS EW-2, EW-2A