



**4 Sided Box Culvert Sizes**

Width (ft)	Height (ft)	Area (ft <sup>2</sup> )	Ø Equivalent (ft)
3	3	7.88	3.17
3	4	10.88	3.72
3	5	13.88	4.20
3	6	16.88	4.64
3	7	19.88	5.03
3	8	22.88	5.40
4	4	14.88	4.35
4	5	18.88	4.90
4	6	22.88	5.38
4	7	26.88	5.85
4	8	30.88	6.27
5	5	23.88	5.51
5	6	28.88	6.06
5	7	33.88	6.56
5	8	38.88	7.04
6	6	34.88	6.66
6	7	40.88	7.21
6	8	46.88	7.73
7	7	47.88	7.81
7	8	54.88	8.36
8	8	62.88	8.95

1. Steel Reinforcing Conforms To Latest ASTM Specification:  
A-615 Grade 60 Rebar
2. Concrete: FC = 5,000 PSI @ 28 Days Minimum
3. Concrete Cover = 1 1/2" Minimum
4. Design Loading:  
Live load : AASHTO-HS20-44 Or Cooper E80 Railway  
Dead Load: Up To 24 Feet Of Soil Cover  
(May Be Used With Soil Cover From 5' Min. Up To 24' Max. Plus HS20 OR Cooper E80 Live Load)

Phoenix  
Precast  
Products

Four Sided  
Box Culvert

P/N: Custom As Required

Concord, NH 03301