

CULVERT SIZE (Meters) SPAN X RISE	1 ½ : 1 Slope		2:1 Slope	
	Normal Depth (0.6m)	Increments For Each Add'l. 0.3 m Above Normal	Normal Depth (0.6m)	Increments For Each Add'l. 0.3 m Above Normal
	Cu. Meters	Cu. Meters	Cu. Meters	Cu. Meters
0.91 x 0.91	7.79	3.89	7.62	3.81
0.91 x 1.22	10.80	5.40	10.91	5.46
1.22 x 0.91	10.52	5.26	9.93	4.96
1.22 x 1.22	14.05	7.02	13.80	6.90
1.22 x 1.52	17.73	8.87	18.13	9.07
1.22 x 1.83	22.36	11.18	23.19	11.60
1.52 x 0.91	13.54	6.77	12.48	6.24
1.52 x 1.22	17.54	8.74	16.66	8.33
1.52 x 1.52	21.80	10.90	21.37	10.68
1.52 x 1.83	26.69	13.34	26.82	13.41
1.52 x 2.13	31.93	15.96	32.61	16.30
1.83 x 1.22	21.44	10.72	20.01	10.01
1.83 x 1.52	26.17	13.09	25.04	12.52
1.83 x 1.83	31.55	15.78	30.90	15.45
1.83 x 2.13	37.24	18.62	37.10	18.55
1.83 x 2.44	43.38	21.69	44.13	22.07
2.13 x 1.22	25.66	12.83	23.63	11.81
2.13 x 1.83	36.65	18.33	35.18	17.59
2.13 x 2.44	49.54	24.77	49.20	24.60
2.13 x 3.05	63.95	31.98	65.16	32.58
2.44 x 1.22	30.41	15.21	27.70	13.85
2.44 x 1.83	42.33	21.16	39.94	19.97
2.44 x 2.44	56.18	28.09	55.06	27.53
2.44 x 3.05	71.70	35.85	72.20	36.10
2.74 x 1.22	35.38	17.69	31.96	15.98
2.74 x 1.83	48.27	24.14	44.96	22.48
2.74 x 2.44	62.95	31.42	60.66	30.33
2.74 x 3.05	79.32	39.66	78.64	39.32
2.74 x 3.66	97.46	48.73	98.92	49.46
3.05 x 1.22	40.90	20.45	36.70	18.35
3.05 x 1.83	54.80	27.40	50.49	25.24
3.05 x 2.44	70.12	35.06	66.84	33.42
3.05 x 3.05	87.81	43.91	86.00	43.00
3.05 x 3.66	107.17	53.58	107.40	53.70
3.66 x 1.83	68.26	34.13	61.93	30.96
3.66 x 2.44	85.77	42.89	79.97	39.99
3.66 x 3.05	105.07	52.54	100.67	50.34
3.66 x 3.66	126.55	63.27	123.98	61.99

**TABLE D-13M - STONE FOR EROSION CONTROL FOR BOX CULVERT
ST'D. BS00.6 THRU BS15.0 (45 DEGREE SKEW)**

Quantities To Be Used Only For Computations of Dry Rip Rap For Outlet Protection.*

* Rev. 7/10