

| 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 | 7.12 | 3.56 | 6.92 | 3.46 |
| 0.91 x 1.22 | 9.82 | 4.91 | 9.82 | 4.91 |
| 1.22 x 0.91 | 9.71 | 4.86 | 9.10 | 4.55 |
| 1.22 x 1.22 | 12.82 | 6.41 | 12.51 | 6.25 |
| 1.22 x 1.52 | 16.29 | 8.15 | 16.28 | 8.14 |
| 1.22 x 1.83 | 20.03 | 10.01 | 20.64 | 10.32 |
| 1.52 x 0.91 | 12.60 | 6.30 | 11.54 | 5.77 |
| 1.52 x 1.22 | 16.09 | 8.04 | 15.22 | 7.61 |
| 1.52 x 1.52 | 19.93 | 9.96 | 19.34 | 9.67 |
| 1.52 x 1.83 | 24.14 | 12.07 | 24.07 | 12.04 |
| 1.52 x 2.13 | 28.80 | 14.40 | 29.13 | 14.57 |
| 1.83 x 1.22 | 19.85 | 9.93 | 18.42 | 9.21 |
| 1.83 x 1.52 | 24.07 | 12.04 | 22.85 | 11.42 |
| 1.83 x 1.83 | 28.77 | 14.39 | 27.96 | 13.98 |
| 1.83 x 2.13 | 33.81 | 16.91 | 33.38 | 16.69 |
| 1.83 x 2.44 | 39.11 | 19.55 | 39.45 | 19.72 |
| 2.13 x 1.22 | 23.87 | 11.93 | 21.87 | 10.94 |
| 2.13 x 1.83 | 33.68 | 16.84 | 32.04 | 16.02 |
| 2.13 x 2.44 | 45.10 | 22.55 | 44.25 | 22.12 |
| 2.13 x 3.05 | 57.41 | 28.17 | 57.77 | 28.89 |
| 2.44 x 1.22 | 28.41 | 14.20 | 25.77 | 12.89 |
| 2.44 x 1.83 | 39.08 | 19.54 | 36.60 | 18.30 |
| 2.44 x 2.44 | 51.27 | 25.64 | 49.78 | 24.89 |
| 2.44 x 3.05 | 64.56 | 32.28 | 64.38 | 32.19 |
| 2.74 x 1.22 | 33.17 | 16.59 | 29.87 | 14.93 |
| 2.74 x 1.83 | 44.78 | 22.39 | 41.40 | 20.70 |
| 2.74 x 2.44 | 57.63 | 28.81 | 55.14 | 27.57 |
| 2.74 x 3.05 | 71.85 | 35.92 | 70.55 | 35.28 |
| 2.74 x 3.66 | 87.57 | 43.79 | 87.99 | 43.99 |
| 3.05 x 1.22 | 38.48 | 19.24 | 34.44 | 17.22 |
| 3.05 x 1.83 | 51.06 | 25.53 | 46.71 | 23.36 |
| 3.05 x 2.44 | 64.58 | 32.29 | 61.01 | 30.51 |
| 3.05 x 3.05 | 79.99 | 40.00 | 77.55 | 38.78 |
| 3.05 x 3.66 | 96.84 | 48.42 | 95.99 | 47.99 |
| 3.66 x 1.83 | 64.12 | 32.06 | 57.80 | 28.90 |
| 3.66 x 2.44 | 79.60 | 39.80 | 73.68 | 36.84 |
| 3.66 x 3.05 | 96.58 | 48.29 | 91.69 | 45.85 |
| 3.66 x 3.66 | 115.36 | 57.68 | 111.82 | 55.91 |

**TABLE D-10M - STONE FOR EROSION CONTROL FOR BOX CULVERT
ST'D. BS00.6 THRU BS15.0 (NO SKEW)**

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

* Rev. 7/10