

ELLIPTICAL PIPE SPAN RISE (mm)	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
1535 975	10.72	5.36	9.54	4.77
1730 1095	14.08	7.04	12.62	6.31
1920 1220	17.68	8.84	15.81	7.90
2110 1340	21.05	10.53	18.81	9.40
2305 1465	25.39	12.70	22.67	11.33
2495 1585	31.72	15.86	28.58	14.29
2609 1705	34.47	17.23	30.75	15.37

TABLE D-8M
STONE FOR EROSION CONTROL WITH ST'D. EW-2A ENDWALLS

PIPE ARCH Span Riser (mm)	1 ½ : 1 Slope		2:1 Slope		ST'D. EW-10
	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	Increments For Each Add'l. Pipe
	Cu. Meters	Cu. Meters	Cu. Meters	Cu. Meters	Cu. Meters
425 325	0.82	0.41	0.77	0.39	0.39
525 375	1.17	0.58	1.11	0.55	0.52
600 450	1.60	0.80	1.52	0.76	0.68
700 500	2.08	1.04	1.98	0.99	0.84
875 600	3.11	1.55	2.95	1.47	1.16
1050 725	4.52	2.26	4.29	2.14	1.72
1225 825	6.02	3.01	5.72	2.86	2.29
1425 950	8.11	4.05	7.70	3.85	3.12

TABLE D-9M
STONE FOR EROSION CONTROL WITH ST'D. EW-9 AND EW-10 PIPE ARCHES
Quantities To Be Used Only For Computations of Dry Rip Rap For Outlet Protection.*

* Rev. 7/10