

DISPLACEMENT QUANTITIES FOR PIPE OPENINGS
(TO BE USED WITH STD JB-1 JUNCTION BOX)

PIPE SIZE	PIPE CLASS	CONCRETE				REINF. STEEL
		0°	15°	30°	45°	LBS.
		CU. YDS	CU. YDS	CU. YDS	CU. YDS	
12"	III, IV, V C.M.	0.035	0.036	0.040	0.050	17.67
		0.019	0.020	0.022	0.027	11.06
15"	III, IV, V C.M.	0.050	0.052	0.058	0.071	24.88
		0.030	0.031	0.034	0.042	15.93
18"	III, IV, V C.M.	0.069	0.072	0.080	0.099	33.23
		0.043	0.044	0.049	0.061	21.68
24"	III, IV, V C.M.	0.118	0.122	0.137	0.168	53.53
		0.076	0.078	0.087	0.108	35.83
30"	III, IV, V C.M.	0.179	0.186	0.208	0.256	78.64
		0.118	0.122	0.137	0.168	53.53
36"	III, IV, V C.M.	0.254	0.263	0.294	0.362	108.76
		0.170	0.176	0.197	0.242	74.76
42"	III, IV, V C.M.	0.341	0.353	0.395	0.486	143.33
		0.231	0.240	0.268	0.330	99.53
48"	III, IV, V C.M.	0.441	0.457	0.511	0.629	182.90
		0.302	0.313	0.350	0.431	127.85
54"	III, IV, V C.M.	0.554	0.574	0.642	0.789	227.29
		0.580	0.600	0.672	0.826	237.42
60"	III, IV, V C.M.	0.679	0.704	0.787	0.965	276.49
		0.708	0.734	0.821	1.009	287.65
66"	III, IV, V C.M.	0.818	0.847	0.948	1.166	330.50
		0.849	0.880	0.985	1.211	342.70
72"	III, IV, V C.M.	0.969	1.004	1.123	1.382	389.34
		1.003	1.040	1.163	1.431	402.58
		0.679	0.704	0.787	0.969	276.49

Sheet 4 of 4

Chesapeake VIRGINIA	DESIGN AND CONSTRUCTION STANDARDS	
	JUNCTION BOX CONCRETE (48" - 72" PIPE)	
	DR. BY:	DATE:
08/01/03	REV. FOR INTERNET 2003	CHK. BY:
DATE	REVISIONS	APP. BY:
		DATE:

JB-1

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APPROVED FOR THE WEB _____

City Engineer

Date

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