

SPAN (FT.)	HGHT (FT.)	REINFORCING STEEL (LBS/LONG. JT)	QUAN./LF		HEADWALLS							
			CONCRETE CLASS A4 (CY/LF)	REINFORCING STEEL (LBS/LF)	HEADWALL LENGTH	G SIZE	HW I LENGTH	INLET CONCRETE CL. A4 (CY)	INLET REINFORCING STEEL (LBS)	OUTLET CONCRETE CL. A4 (CY)	OUTLET REINFORCING STEEL (LBS)	WINGWALL
3	3	16.184	0.399	60.179	5'-10"	6	5'- 6"	1.038	33.044	1.042	33.044	A
3	4	17.596	0.448	64.622	5'-10"	6	5'- 6"	1.131	33.044	1.134	33.044	C
4	3	19.524	0.522	65.173	6'-10"	6	6'- 6"	1.165	39.052	1.172	39.052	B
4	4	20.936	0.563	72.899	6'-10"	6	6'- 6"	1.257	39.052	1.264	39.052	D
4	5	22.348	0.620	74.861	6'-10"	6	6'- 6"	1.350	39.052	1.357	39.052	F
4	6	23.760	0.669	79.705	6'-10"	6	6'- 6"	1.443	39.052	1.450	39.052	H
5	3	22.864	0.691	87.548	7'-10"	6	7'- 6"	1.259	45.060	1.269	45.060	B
5	4	24.276	0.740	92.854	7'-10"	6	7'- 6"	1.352	45.060	1.362	45.060	D
5	5	25.688	0.789	98.161	7'-10"	6	7'- 6"	1.444	45.060	1.455	45.060	F
5	6	27.100	0.809	108.698	7'-10"	6	7'- 6"	1.537	45.060	1.547	45.060	H
5	7	28.512	0.858	114.814	7'-10"	6	7'- 6"	1.630	45.060	1.640	45.060	J
6	4	27.616	0.887	116.334	8'-10"	6	8'- 6"	1.433	51.068	1.446	51.068	D
6	5	29.028	0.935	132.479	8'-10"	6	8'- 6"	1.525	51.068	1.539	51.068	F
6	6	30.440	0.996	125.577	8'-10"	6	8'- 6"	1.617	51.068	1.631	51.068	H
6	7	31.852	1.043	159.991	8'-10"	6	8'- 6"	1.710	51.068	1.724	51.068	J
6	8	33.264	1.080	174.639	8'-10"	6	8'- 6"	1.804	51.068	1.817	51.068	L
7	4	30.956	1.128	146.481	9'-10"	6	9'- 6"	1.514	57.076	1.531	57.076	E
7	6	33.780	1.239	161.390	9'-10"	6	9'- 6"	1.698	57.076	1.715	57.076	I
7	8	36.604	1.322	201.988	9'-10"	6	9'- 6"	1.885	57.076	1.902	57.076	M
7	10	39.428	1.417	246.667	9'-10"	6	9'- 6"	2.070	57.076	2.087	57.076	Q
8	4	34.296	1.278	165.947	10'-10"	6	10'- 6"	1.579	63.084	1.599	63.084	E
8	6	37.120	1.390	177.700	10'-10"	6	10'- 6"	1.762	63.084	1.782	63.084	I
8	8	39.944	1.499	239.486	10'-10"	6	10'- 6"	1.945	63.084	1.965	63.084	M
8	10	42.768	1.752	269.729	10'-10"	6	10'- 6"	1.987	63.084	2.006	63.084	Q
9	4	37.636	1.499	207.204	11'-10"	6	11'- 6"	1.627	69.092	1.650	69.092	E
9	6	40.460	1.629	221.019	11'-10"	6	11'- 6"	1.806	69.092	1.830	69.092	I
9	8	43.284	1.740	269.816	11'-10"	6	11'- 6"	1.988	69.092	2.012	69.092	M
9	10	46.108	1.980	320.555	11'-10"	6	11'- 6"	2.030	69.092	2.052	69.092	Q
9	12	48.932	2.254	405.987	11'-10"	6	11'- 6"	2.048	69.092	2.069	69.092	U
10	4	40.976	1.797	212.729	12'-10"	6	12'- 6"	1.671	75.100	1.698	75.100	F
10	6	43.800	1.878	223.419	12'-10"	6	12'- 6"	1.860	75.100	1.887	75.100	J
10	8	46.624	1.973	286.739	12'-10"	6	12'- 6"	2.046	75.100	2.073	75.100	N
10	10	49.448	2.197	332.052	12'-10"	6	12'- 6"	2.089	75.100	2.114	75.100	R
10	12	52.272	2.451	486.942	12'-10"	6	12'- 6"	2.109	75.100	2.133	75.100	V
12	6	50.480	2.611	301.114	14'-10"	6	14'- 6"	1.847	87.116	1.881	87.116	K
12	8	53.304	2.671	382.507	14'-10"	6	14'- 6"	2.065	87.116	2.099	87.116	O
12	10	56.128	2.922	451.173	14'-10"	6	14'- 6"	2.094	87.116	2.127	87.116	S
12	12	58.952	3.188	559.733	14'-10"	6	14'- 6"	2.106	87.116	2.137	87.116	W

SPECIFICATION
REFERENCE

SINGLE BOX CULVERTS

45 TO 50 FT. FILLS

VIRGINIA DEPARTMENT OF TRANSPORTATION



ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 2 OF 2

1002.24