

SPAN	HGHT	REINFORCING STEEL (LBS/LONG. JT)	QUAN./LF		HEADWALLS								
			CONCRETE CLASS A4 (CY/LF)	REINFORCING STEEL (LBS/LF)	G		HW I		INLET CONCRETE CL. A4 (CY)	INLET REINFORCING STEEL (LBS)	OUTLET CONCRETE CL. A4 (CY)	OUTLET REINFORCING STEEL (LBS)	WINGWALL
(FT.)	(FT.)				HEADWALL LENGTH	SIZE	LENGTH						
3	3	16.184	0.401	36.185	5'-10"	6	5'- 6"	1.038	33.044	1.042	33.044	A	
3	4	17.596	0.450	40.361	5'-10"	6	5'- 6"	1.131	33.044	1.134	33.044	C	
4	3	19.524	0.450	42.391	6'-10"	6	6'- 6"	1.139	39.052	1.146	39.052	A	
4	4	20.936	0.499	47.628	6'-10"	6	6'- 6"	1.232	39.052	1.239	39.052	C	
4	5	22.348	0.547	60.274	6'-10"	6	6'- 6"	1.324	39.052	1.332	39.052	E	
4	6	23.760	0.596	64.450	6'-10"	6	6'- 6"	1.417	39.052	1.424	39.052	G	
5	3	22.864	0.499	51.373	7'-10"	6	7'- 6"	1.240	45.060	1.251	45.060	A	
5	4	24.276	0.548	56.781	7'-10"	6	7'- 6"	1.333	45.060	1.343	45.060	C	
5	5	25.688	0.597	62.422	7'-10"	6	7'- 6"	1.426	45.060	1.436	45.060	E	
5	6	27.100	0.646	68.330	7'-10"	6	7'- 6"	1.518	45.060	1.529	45.060	G	
5	7	28.512	0.694	74.544	7'-10"	6	7'- 6"	1.611	45.060	1.621	45.060	I	
6	4	27.616	0.596	69.998	8'-10"	6	8'- 6"	1.434	51.068	1.448	51.068	C	
6	5	29.028	0.644	88.369	8'-10"	6	8'- 6"	1.527	51.068	1.541	51.068	E	
6	6	30.440	0.693	88.612	8'-10"	6	8'- 6"	1.620	51.068	1.633	51.068	G	
6	7	31.852	0.742	95.504	8'-10"	6	8'- 6"	1.712	51.068	1.726	51.068	I	
6	8	33.264	0.791	110.043	8'-10"	6	8'- 6"	1.805	51.068	1.819	51.068	K	
7	4	30.956	0.643	107.920	9'-10"	6	9'- 6"	1.535	57.076	1.552	57.076	C	
7	6	33.780	0.741	109.692	9'-10"	6	9'- 6"	1.721	57.076	1.738	57.076	G	
7	8	36.604	0.839	123.346	9'-10"	6	9'- 6"	1.906	57.076	1.923	57.076	K	
7	10	39.428	0.936	143.891	9'-10"	6	9'- 6"	2.092	57.076	2.109	57.076	O	
8	4	34.296	0.690	136.021	10'-10"	6	10'- 6"	1.636	63.084	1.657	63.084	C	
8	6	37.120	0.788	137.716	10'-10"	6	10'- 6"	1.822	63.084	1.842	63.084	G	
8	8	39.944	0.886	151.551	10'-10"	6	10'- 6"	2.007	63.084	2.028	63.084	K	
8	10	42.768	0.984	170.237	10'-10"	6	10'- 6"	2.193	63.084	2.213	63.084	O	
9	4	37.636	0.737	161.601	11'-10"	6	11'- 6"	1.738	69.092	1.761	69.092	C	
9	6	40.460	0.851	173.018	11'-10"	6	11'- 6"	1.920	69.092	1.944	69.092	G	
9	8	43.284	0.949	183.366	11'-10"	6	11'- 6"	2.105	69.092	2.129	69.092	K	
9	10	46.108	1.062	208.505	11'-10"	6	11'- 6"	2.288	69.092	2.311	69.092	O	
9	12	48.932	1.190	240.130	11'-10"	6	11'- 6"	2.467	69.092	2.491	69.092	S	
10	4	40.976	0.801	199.247	12'-10"	6	12'- 6"	1.835	75.100	1.862	75.100	C	
10	6	43.800	0.916	217.106	12'-10"	6	12'- 6"	2.016	75.100	2.043	75.100	G	
10	8	46.624	1.033	211.738	12'-10"	6	12'- 6"	2.198	75.100	2.225	75.100	K	
10	10	49.448	1.167	210.899	12'-10"	6	12'- 6"	2.394	75.100	2.421	75.100	P	
10	12	52.272	1.264	228.791	12'-10"	6	12'- 6"	2.580	75.100	2.607	75.100	T	
12	6	50.480	1.201	294.130	14'-10"	6	14'- 6"	2.186	87.116	2.219	87.116	H	
12	8	53.304	1.301	268.332	14'-10"	6	14'- 6"	2.371	87.116	2.405	87.116	L	
12	10	56.128	1.419	294.385	14'-10"	6	14'- 6"	2.551	87.116	2.585	87.116	P	
12	12	58.952	1.536	323.474	14'-10"	6	14'- 6"	2.731	87.116	2.765	87.116	T	

SPECIFICATION
REFERENCE

SINGLE BOX CULVERTS 5 TO 10 FT. FILLS

VIRGINIA DEPARTMENT OF TRANSPORTATION

VDOT

ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 2 OF 2

1002.08