

SPAN (FT.)	HGHT (FT.)	QUAN./LF			HEADWALLS									WINGWALL	
		REINFORCING STEEL (LBS./LONG. JT)	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)
					HEADWALL LENGTH	SIZE	LENGTH	INLET CONCRETE CL. A4 (CY)	INLET REINFORCING STEEL (LBS)	OUTLET CONCRETE CL. A4 (CY)					
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



ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 2 OF 2

1002.08