

SPAN (FT.)	HGHT (FT.)	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	
					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	45.279	6'-10"	6	6'- 6"	1.139	39.052	1.146	39.052	A		
4	4	20.936	0.499	49.455	6'-10"	6	6'- 6"	1.232	39.052	1.239	39.052	C		
4	5	22.348	0.548	54.772	6'-10"	6	6'- 6"	1.324	39.052	1.332	39.052	E		
4	6	23.760	0.597	60.314	6'-10"	6	6'- 6"	1.417	39.052	1.424	39.052	G		
5	3	22.864	0.498	58.708	7'-10"	6	7'- 6"	1.240	45.060	1.251	45.060	A		
5	4	24.276	0.547	64.991	7'-10"	6	7'- 6"	1.333	45.060	1.343	45.060	C		
5	5	25.688	0.596	74.348	7'-10"	6	7'- 6"	1.426	45.060	1.436	45.060	E		
5	6	27.100	0.645	72.728	7'-10"	6	7'- 6"	1.518	45.060	1.529	45.060	G		
5	7	28.512	0.694	78.991	7'-10"	6	7'- 6"	1.611	45.060	1.621	45.060	I		
6	4	27.616	0.594	92.060	8'-10"	6	8'- 6"	1.434	51.068	1.448	51.068	C		
6	5	29.028	0.643	95.776	8'-10"	6	8'- 6"	1.527	51.068	1.541	51.068	E		
6	6	30.440	0.692	104.210	8'-10"	6	8'- 6"	1.620	51.068	1.633	51.068	G		
6	7	31.852	0.741	108.936	8'-10"	6	8'- 6"	1.712	51.068	1.726	51.068	I		
6	8	33.264	0.790	118.188	8'-10"	6	8'- 6"	1.805	51.068	1.819	51.068	K		
7	4	30.956	0.642	118.059	9'-10"	6	9'- 6"	1.535	57.076	1.552	57.076	C		
7	6	33.780	0.753	124.830	9'-10"	6	9'- 6"	1.719	57.076	1.736	57.076	G		
7	8	36.604	0.851	140.365	9'-10"	6	9'- 6"	1.905	57.076	1.922	57.076	K		
7	10	39.428	0.948	158.396	9'-10"	6	9'- 6"	2.090	57.076	2.107	57.076	O		
8	4	34.296	0.747	141.757	10'-10"	6	10'- 6"	1.627	63.084	1.648	63.084	C		
8	6	37.120	0.845	154.432	10'-10"	6	10'- 6"	1.813	63.084	1.833	63.084	G		
8	8	39.944	0.956	179.815	10'-10"	6	10'- 6"	2.014	63.084	2.035	63.084	L		
8	10	42.768	1.054	186.791	10'-10"	6	10'- 6"	2.200	63.084	2.220	63.084	P		
9	4	37.636	0.848	177.985	11'-10"	6	11'- 6"	1.735	69.092	1.758	69.092	D		
9	6	40.460	0.962	184.047	11'-10"	6	11'- 6"	1.917	69.092	1.941	69.092	H		
9	8	43.284	1.060	192.693	11'-10"	6	11'- 6"	2.102	69.092	2.126	69.092	L		
9	10	46.108	1.172	234.365	11'-10"	6	11'- 6"	2.285	69.092	2.308	69.092	P		
9	12	48.932	1.268	264.840	11'-10"	6	11'- 6"	2.470	69.092	2.494	69.092	T		
10	4	40.976	0.958	208.158	12'-10"	6	12'- 6"	1.819	75.100	1.846	75.100	D		
10	6	43.800	1.073	228.929	12'-10"	6	12'- 6"	2.000	75.100	2.027	75.100	H		
10	8	46.624	1.186	269.870	12'-10"	6	12'- 6"	2.182	75.100	2.209	75.100	L		
10	10	49.448	1.286	246.041	12'-10"	6	12'- 6"	2.367	75.100	2.394	75.100	P		
10	12	52.272	1.398	310.621	12'-10"	6	12'- 6"	2.549	75.100	2.576	75.100	T		
12	6	50.480	1.366	280.309	14'-10"	6	14'- 6"	2.143	87.116	2.176	87.116	H		
12	8	53.304	1.462	320.195	14'-10"	6	14'- 6"	2.328	87.116	2.362	87.116	L		
12	10	56.128	1.582	311.500	14'-10"	6	14'- 6"	2.508	87.116	2.542	87.116	P		
12	12	58.952	1.674	394.369	14'-10"	6	14'- 6"	2.693	87.116	2.727	87.116	T		

SPECIFICATION REFERENCE

SINGLE BOX CULVERTS
10 TO 15 FT. FILLS
 VIRGINIA DEPARTMENT OF TRANSPORTATION

VDOT ROAD AND BRIDGE STANDARDS	
REVISION DATE	SHEET 2 OF 2
1002.10	