

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	0.400	45.201	5'-10"	6	5'- 6"	1.038	33.044	1.042	33.044	A		
3	4	17.596	0.449	49.377	5'-10"	6	5'- 6"	1.131	33.044	1.134	33.044	C		
4	3	19.524	0.449	53.135	6'-10"	6	6'- 6"	1.139	39.052	1.146	39.052	A		
4	4	20.936	0.498	63.973	6'-10"	6	6'- 6"	1.232	39.052	1.239	39.052	C		
4	5	22.348	0.547	68.271	6'-10"	6	6'- 6"	1.324	39.052	1.332	39.052	E		
4	6	23.760	0.596	74.584	6'-10"	6	6'- 6"	1.417	39.052	1.424	39.052	G		
5	3	22.864	0.516	80.245	7'-10"	6	7'- 6"	1.240	45.060	1.251	45.060	A		
5	4	24.276	0.565	87.679	7'-10"	6	7'- 6"	1.333	45.060	1.343	45.060	C		
5	5	25.688	0.614	90.246	7'-10"	6	7'- 6"	1.426	45.060	1.436	45.060	E		
5	6	27.100	0.674	94.821	7'-10"	6	7'- 6"	1.518	45.060	1.529	45.060	G		
5	7	28.512	0.722	92.896	7'-10"	6	7'- 6"	1.611	45.060	1.621	45.060	I		
6	4	27.616	0.684	106.939	8'-10"	6	8'- 6"	1.446	51.068	1.460	51.068	D		
6	5	29.028	0.745	97.220	8'-10"	6	8'- 6"	1.538	51.068	1.552	51.068	F		
6	6	30.440	0.794	106.917	8'-10"	6	8'- 6"	1.631	51.068	1.645	51.068	H		
6	7	31.852	0.843	112.047	8'-10"	6	8'- 6"	1.724	51.068	1.738	51.068	J		
6	8	33.264	0.890	138.951	8'-10"	6	8'- 6"	1.817	51.068	1.830	51.068	L		
7	4	30.956	0.822	117.002	9'-10"	6	9'- 6"	1.532	57.076	1.549	57.076	D		
7	6	33.780	0.932	131.068	9'-10"	6	9'- 6"	1.716	57.076	1.733	57.076	H		
7	8	36.604	1.030	142.092	9'-10"	6	9'- 6"	1.902	57.076	1.919	57.076	L		
7	10	39.428	1.125	197.314	9'-10"	6	9'- 6"	2.087	57.076	2.104	57.076	P		
8	4	34.296	0.961	167.087	10'-10"	6	10'- 6"	1.611	63.084	1.631	63.084	D		
8	6	37.120	1.075	161.419	10'-10"	6	10'- 6"	1.794	63.084	1.815	63.084	H		
8	8	39.944	1.172	185.729	10'-10"	6	10'- 6"	1.980	63.084	2.000	63.084	L		
8	10	42.768	1.266	238.319	10'-10"	6	10'- 6"	2.165	63.084	2.185	63.084	P		
9	4	37.636	1.085	196.771	11'-10"	6	11'- 6"	1.688	69.092	1.712	69.092	D		
9	6	40.460	1.184	197.873	11'-10"	6	11'- 6"	1.874	69.092	1.897	69.092	H		
9	8	43.284	1.281	220.077	11'-10"	6	11'- 6"	2.059	69.092	2.083	69.092	L		
9	10	46.108	1.379	237.461	11'-10"	6	11'- 6"	2.245	69.092	2.268	69.092	P		
9	12	48.932	1.456	309.829	11'-10"	6	11'- 6"	2.433	69.092	2.457	69.092	T		
10	4	40.976	1.254	224.040	12'-10"	6	12'- 6"	1.753	75.100	1.780	75.100	D		
10	6	43.800	1.369	237.193	12'-10"	6	12'- 6"	1.935	75.100	1.962	75.100	H		
10	8	46.624	1.468	235.505	12'-10"	6	12'- 6"	2.120	75.100	2.147	75.100	L		
10	10	49.448	1.562	304.296	12'-10"	6	12'- 6"	2.306	75.100	2.333	75.100	P		
10	12	52.272	1.657	347.194	12'-10"	6	12'- 6"	2.491	75.100	2.518	75.100	T		
12	6	50.480	1.757	277.565	14'-10"	6	14'- 6"	2.059	87.116	2.092	87.116	I		
12	8	53.304	1.872	336.479	14'-10"	6	14'- 6"	2.239	87.116	2.272	87.116	M		
12	10	56.128	1.969	364.495	14'-10"	6	14'- 6"	2.424	87.116	2.458	87.116	Q		
12	12	58.952	2.064	408.019	14'-10"	6	14'- 6"	2.609	87.116	2.643	87.116	U		

SPECIFICATION
REFERENCE

SINGLE BOX CULVERTS
20 TO 25 FT. FILLS
VIRGINIA DEPARTMENT OF TRANSPORTATION



ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 2 OF 2

1002.14