

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	0.450	43.361	5'-10"	6	5'- 6"	1.131	33.044	1.134	33.044	C		
4	3	19.524	0.450	48.646	6'-10"	6	6'- 6"	1.139	39.052	1.146	39.052	A		
4	4	20.936	0.498	54.436	6'-10"	6	6'- 6"	1.232	39.052	1.239	39.052	C		
4	5	22.348	0.547	60.536	6'-10"	6	6'- 6"	1.324	39.052	1.332	39.052	E		
4	6	23.760	0.596	65.064	6'-10"	6	6'- 6"	1.417	39.052	1.424	39.052	G		
5	3	22.864	0.497	72.194	7'-10"	6	7'- 6"	1.240	45.060	1.251	45.060	A		
5	4	24.276	0.546	76.547	7'-10"	6	7'- 6"	1.333	45.060	1.343	45.060	C		
5	5	25.688	0.595	83.671	7'-10"	6	7'- 6"	1.426	45.060	1.436	45.060	E		
5	6	27.100	0.645	81.578	7'-10"	6	7'- 6"	1.518	45.060	1.529	45.060	G		
5	7	28.512	0.694	86.199	7'-10"	6	7'- 6"	1.611	45.060	1.621	45.060	I		
6	4	27.616	0.627	104.117	8'-10"	6	8'- 6"	1.432	51.068	1.446	51.068	C		
6	5	29.028	0.677	104.046	8'-10"	6	8'- 6"	1.524	51.068	1.538	51.068	E		
6	6	30.440	0.725	113.762	8'-10"	6	8'- 6"	1.617	51.068	1.631	51.068	G		
6	7	31.852	0.774	118.740	8'-10"	6	8'- 6"	1.710	51.068	1.724	51.068	I		
6	8	33.264	0.822	137.723	8'-10"	6	8'- 6"	1.803	51.068	1.816	51.068	K		
7	4	30.956	0.731	124.958	9'-10"	6	9'- 6"	1.543	57.076	1.560	57.076	D		
7	6	33.780	0.843	122.935	9'-10"	6	9'- 6"	1.727	57.076	1.744	57.076	H		
7	8	36.604	0.939	158.059	9'-10"	6	9'- 6"	1.912	57.076	1.929	57.076	L		
7	10	39.428	1.036	186.552	9'-10"	6	9'- 6"	2.098	57.076	2.115	57.076	P		
8	4	34.296	0.847	154.788	10'-10"	6	10'- 6"	1.630	63.084	1.650	63.084	D		
8	6	37.120	0.959	166.959	10'-10"	6	10'- 6"	1.813	63.084	1.833	63.084	H		
8	8	39.944	1.072	176.921	10'-10"	6	10'- 6"	1.996	63.084	2.016	63.084	L		
8	10	42.768	1.168	210.845	10'-10"	6	10'- 6"	2.181	63.084	2.202	63.084	P		
9	4	37.636	0.991	181.067	11'-10"	6	11'- 6"	1.707	69.092	1.731	69.092	D		
9	6	40.460	1.105	184.391	11'-10"	6	11'- 6"	1.889	69.092	1.913	69.092	H		
9	8	43.284	1.203	194.124	11'-10"	6	11'- 6"	2.075	69.092	2.098	69.092	L		
9	10	46.108	1.315	231.236	11'-10"	6	11'- 6"	2.257	69.092	2.281	69.092	P		
9	12	48.932	1.409	300.780	11'-10"	6	11'- 6"	2.442	69.092	2.466	69.092	T		
10	4	40.976	1.132	215.554	12'-10"	6	12'- 6"	1.780	75.100	1.807	75.100	D		
10	6	43.800	1.230	228.121	12'-10"	6	12'- 6"	1.966	75.100	1.993	75.100	H		
10	8	46.624	1.328	235.243	12'-10"	6	12'- 6"	2.151	75.100	2.178	75.100	L		
10	10	49.448	1.425	263.804	12'-10"	6	12'- 6"	2.337	75.100	2.364	75.100	P		
10	12	52.272	1.516	360.548	12'-10"	6	12'- 6"	2.522	75.100	2.549	75.100	T		
12	6	50.480	1.552	276.319	14'-10"	6	14'- 6"	2.094	87.116	2.128	87.116	H		
12	8	53.304	1.666	343.227	14'-10"	6	14'- 6"	2.293	87.116	2.326	87.116	M		
12	10	56.128	1.767	313.030	14'-10"	6	14'- 6"	2.478	87.116	2.512	87.116	Q		
12	12	58.952	1.860	391.989	14'-10"	6	14'- 6"	2.663	87.116	2.697	87.116	U		

SPECIFICATION
REFERENCE

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



ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 2 OF 2

1002.12