

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	55.258	5'-10"	6	5'- 6"	1.038	33.044	1.042	33.044	A		
3	4	17.596	0.449	50.522	5'-10"	6	5'- 6"	1.131	33.044	1.134	33.044	C		
4	3	19.524	0.490	59.775	6'-10"	6	6'- 6"	1.161	39.052	1.169	39.052	B		
4	4	20.936	0.530	66.727	6'-10"	6	6'- 6"	1.235	39.052	1.242	39.052	C		
4	5	22.348	0.579	71.453	6'-10"	6	6'- 6"	1.328	39.052	1.335	39.052	E		
4	6	23.760	0.637	76.179	6'-10"	6	6'- 6"	1.440	39.052	1.447	39.052	H		
5	3	22.864	0.643	78.788	7'-10"	6	7'- 6"	1.259	45.060	1.269	45.060	B		
5	4	24.276	0.692	87.451	7'-10"	6	7'- 6"	1.352	45.060	1.362	45.060	D		
5	5	25.688	0.751	92.772	7'-10"	6	7'- 6"	1.444	45.060	1.455	45.060	F		
5	6	27.100	0.800	97.902	7'-10"	6	7'- 6"	1.537	45.060	1.547	45.060	H		
5	7	28.512	0.819	106.722	7'-10"	6	7'- 6"	1.630	45.060	1.640	45.060	J		
6	4	27.616	0.819	109.583	8'-10"	6	8'- 6"	1.437	51.068	1.451	51.068	D		
6	5	29.028	0.868	115.095	8'-10"	6	8'- 6"	1.530	51.068	1.544	51.068	F		
6	6	30.440	0.917	120.607	8'-10"	6	8'- 6"	1.623	51.068	1.636	51.068	H		
6	7	31.852	0.966	126.119	8'-10"	6	8'- 6"	1.715	51.068	1.729	51.068	J		
6	8	33.264	1.014	141.936	8'-10"	6	8'- 6"	1.808	51.068	1.822	51.068	L		
7	4	30.956	0.987	139.521	9'-10"	6	9'- 6"	1.512	57.076	1.529	57.076	D		
7	6	33.780	1.085	151.614	9'-10"	6	9'- 6"	1.698	57.076	1.715	57.076	H		
7	8	36.604	1.182	171.789	9'-10"	6	9'- 6"	1.883	57.076	1.900	57.076	L		
7	10	39.428	1.302	240.002	9'-10"	6	9'- 6"	2.032	57.076	2.049	57.076	P		
8	4	34.296	1.207	154.471	10'-10"	6	10'- 6"	1.590	63.084	1.611	63.084	E		
8	6	37.120	1.319	165.495	10'-10"	6	10'- 6"	1.773	63.084	1.794	63.084	I		
8	8	39.944	1.414	221.367	10'-10"	6	10'- 6"	1.959	63.084	1.979	63.084	M		
8	10	42.768	1.534	266.033	10'-10"	6	10'- 6"	2.107	63.084	2.127	63.084	Q		
9	4	37.636	1.422	180.697	11'-10"	6	11'- 6"	1.642	69.092	1.666	69.092	E		
9	6	40.460	1.519	192.206	11'-10"	6	11'- 6"	1.828	69.092	1.851	69.092	I		
9	8	43.284	1.617	212.333	11'-10"	6	11'- 6"	2.013	69.092	2.037	69.092	M		
9	10	46.108	1.733	298.146	11'-10"	6	11'- 6"	2.162	69.092	2.185	69.092	Q		
9	12	48.932	1.972	378.099	11'-10"	6	11'- 6"	2.202	69.092	2.224	69.092	U		
10	4	40.976	1.621	224.436	12'-10"	6	12'- 6"	1.691	75.100	1.718	75.100	E		
10	6	43.800	1.737	237.289	12'-10"	6	12'- 6"	1.872	75.100	1.899	75.100	I		
10	8	46.624	1.850	276.005	12'-10"	6	12'- 6"	2.054	75.100	2.081	75.100	M		
10	10	49.448	2.002	356.608	12'-10"	6	12'- 6"	2.194	75.100	2.221	75.100	Q		
10	12	52.272	2.227	417.324	12'-10"	6	12'- 6"	2.236	75.100	2.262	75.100	U		
12	6	50.480	2.228	315.567	14'-10"	6	14'- 6"	1.953	87.116	1.987	87.116	J		
12	8	53.304	2.325	334.691	14'-10"	6	14'- 6"	2.138	87.116	2.172	87.116	N		
12	10	56.128	2.441	395.659	14'-10"	6	14'- 6"	2.287	87.116	2.320	87.116	R		
12	12	58.952	2.664	492.457	14'-10"	6	14'- 6"	2.327	87.116	2.359	87.116	V		

SPECIFICATION
REFERENCE

SINGLE BOX CULVERTS

35 TO 40 FT. FILLS

VIRGINIA DEPARTMENT OF TRANSPORTATION



ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 2 OF 2

1002.20