

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	LENGTH					
3	3	16.184	0.400	46.498	5'-10"	6	5'-6"	1.038	33.044	1.042	33.044	A	
3	4	17.596	0.450	44.657	5'-10"	6	5'-6"	1.131	33.044	1.134	33.044	C	
4	3	19.524	0.449	50.604	6'-10"	6	6'-6"	1.139	39.052	1.146	39.052	A	
4	4	20.936	0.498	56.391	6'-10"	6	6'-6"	1.232	39.052	1.239	39.052	C	
4	5	22.348	0.547	62.489	6'-10"	6	6'-6"	1.324	39.052	1.332	39.052	E	
4	6	23.760	0.596	67.017	6'-10"	6	6'-6"	1.417	39.052	1.424	39.052	G	
5	3	22.864	0.497	75.669	7'-10"	6	7'-6"	1.240	45.060	1.251	45.060	A	
5	4	24.276	0.546	79.112	7'-10"	6	7'-6"	1.333	45.060	1.343	45.060	C	
5	5	25.688	0.595	86.230	7'-10"	6	7'-6"	1.426	45.060	1.436	45.060	E	
5	6	27.100	0.644	84.196	7'-10"	6	7'-6"	1.518	45.060	1.529	45.060	G	
5	7	28.512	0.693	94.817	7'-10"	6	7'-6"	1.611	45.060	1.621	45.060	I	
6	4	27.616	0.627	108.307	8'-10"	6	8'-6"	1.432	51.068	1.446	51.068	C	
6	5	29.028	0.676	107.430	8'-10"	6	8'-6"	1.524	51.068	1.538	51.068	E	
6	6	30.440	0.725	117.454	8'-10"	6	8'-6"	1.617	51.068	1.631	51.068	G	
6	7	31.852	0.773	129.488	8'-10"	6	8'-6"	1.710	51.068	1.724	51.068	I	
6	8	33.264	0.821	157.284	8'-10"	6	8'-6"	1.803	51.068	1.816	51.068	K	
7	4	30.956	0.731	129.127	9'-10"	6	9'-6"	1.543	57.076	1.560	57.076	D	
7	6	33.780	0.843	126.868	9'-10"	6	9'-6"	1.727	57.076	1.744	57.076	H	
7	8	36.604	0.938	170.365	9'-10"	6	9'-6"	1.912	57.076	1.929	57.076	L	
7	10	39.428	1.033	219.296	9'-10"	6	9'-6"	2.098	57.076	2.115	57.076	P	
8	4	34.296	0.846	159.600	10'-10"	6	10'-6"	1.630	63.084	1.650	63.084	D	
8	6	37.120	0.958	172.840	10'-10"	6	10'-6"	1.813	63.084	1.833	63.084	H	
8	8	39.944	1.070	190.718	10'-10"	6	10'-6"	1.996	63.084	2.016	63.084	L	
8	10	42.768	1.165	238.930	10'-10"	6	10'-6"	2.181	63.084	2.202	63.084	P	
9	4	37.636	0.990	186.271	11'-10"	6	11'-6"	1.707	69.092	1.731	69.092	D	
9	6	40.460	1.105	190.592	11'-10"	6	11'-6"	1.889	69.092	1.913	69.092	H	
9	8	43.284	1.202	207.534	11'-10"	6	11'-6"	2.075	69.092	2.098	69.092	L	
9	10	46.108	1.312	270.322	11'-10"	6	11'-6"	2.257	69.092	2.281	69.092	P	
9	12	48.932	1.492	338.890	11'-10"	6	11'-6"	2.442	69.092	2.466	69.092	T	
10	4	40.976	1.132	222.972	12'-10"	6	12'-6"	1.780	75.100	1.807	75.100	D	
10	6	43.800	1.229	235.180	12'-10"	6	12'-6"	1.966	75.100	1.993	75.100	H	
10	8	46.624	1.328	242.383	12'-10"	6	12'-6"	2.151	75.100	2.178	75.100	L	
10	10	49.448	1.423	291.088	12'-10"	6	12'-6"	2.337	75.100	2.364	75.100	P	
10	12	52.272	1.601	398.098	12'-10"	6	12'-6"	2.522	75.100	2.549	75.100	T	
12	6	50.480	1.551	284.965	14'-10"	6	14'-6"	2.094	87.116	2.128	87.116	H	
12	8	53.304	1.665	354.490	14'-10"	6	14'-6"	2.293	87.116	2.326	87.116	M	
12	10	56.128	1.764	343.084	14'-10"	6	14'-6"	2.478	87.116	2.512	87.116	Q	
12	12	58.952	1.991	427.061	14'-10"	6	14'-6"	2.663	87.116	2.697	87.116	U	

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE

SPECIFICATION REFERENCE	<p style="text-align: center;">SINGLE BOX CULVERTS 10 TO 20 FT. FILLS</p> <p style="text-align: center;">VIRGINIA DEPARTMENT OF TRANSPORTATION</p>		 ROAD AND BRIDGE STANDARDS	
			REVISION DATE 07/11	SHEET 2 OF 2 1002.10