

SPAN (FT.)	HGHT (FT.)	REINFORCING STEEL (LBS/LONG. JT)	QUAN./LF		HEADWALLS							
			CONCRETE CLASS A4 (CY/LF)	REINFORCING STEEL (LBS/LF)	G HEADWALL LENGTH	HW I SIZE LENGTH	INLET CONCRETE CL- A4 (CY)	INLET REINFORCING STEEL (LBS)	OUTLET CONCRETE CL- A4 (CY)	OUTLET REINFORCING STEEL (LBS)	WINGWALL	
3	3	17.854	0.413	51.209								5'-10"
3	4	19.266	0.463	48.592	5'-10"	6	5'- 6"	1.134	33.044	1.137	33.044	C
4	3	22.029	0.482	53.114	6'-10"	6	6'- 6"	1.142	39.052	1.149	39.052	A
4	4	23.441	0.531	56.495	6'-10"	6	6'- 6"	1.235	39.052	1.242	39.052	C
4	5	24.853	0.580	60.671	6'-10"	6	6'- 6"	1.328	39.052	1.335	39.052	E
4	6	26.265	0.629	67.791	6'-10"	6	6'- 6"	1.420	39.052	1.427	39.052	G
5	3	26.204	0.547	62.973	7'-10"	6	7'- 6"	1.259	45.060	1.269	45.060	B
5	4	27.616	0.596	67.271	7'-10"	6	7'- 6"	1.351	45.060	1.362	45.060	D
5	5	29.028	0.645	75.429	7'-10"	6	7'- 6"	1.444	45.060	1.455	45.060	F
5	6	30.440	0.684	79.872	7'-10"	6	7'- 6"	1.518	45.060	1.529	45.060	G
5	7	31.852	0.732	89.391	7'-10"	6	7'- 6"	1.611	45.060	1.621	45.060	I
6	4	31.791	0.652	84.653	8'-10"	6	8'- 6"	1.449	51.068	1.463	51.068	D
6	5	33.203	0.701	89.275	8'-10"	6	8'- 6"	1.542	51.068	1.555	51.068	F
6	6	34.615	0.750	93.896	8'-10"	6	8'- 6"	1.634	51.068	1.648	51.068	H
6	7	36.027	0.798	105.585	8'-10"	6	8'- 6"	1.727	51.068	1.741	51.068	J
6	8	37.439	0.846	118.716	8'-10"	6	8'- 6"	1.820	51.068	1.833	51.068	L
7	4	35.966	0.721	94.040	9'-10"	6	9'- 6"	1.545	57.076	1.562	57.076	D
7	6	38.790	0.818	110.869	9'-10"	6	9'- 6"	1.730	57.076	1.747	57.076	H
7	8	41.614	0.916	130.884	9'-10"	6	9'- 6"	1.915	57.076	1.933	57.076	L
7	10	44.438	1.012	155.677	9'-10"	6	9'- 6"	2.101	57.076	2.118	57.076	P
8	4	40.141	0.793	111.031	10'-10"	6	10'- 6"	1.639	63.084	1.659	63.084	D
8	6	42.965	0.890	133.800	10'-10"	6	10'- 6"	1.824	63.084	1.845	63.084	H
8	8	45.789	0.986	161.225	10'-10"	6	10'- 6"	2.010	63.084	2.030	63.084	L
8	10	48.613	1.069	180.006	10'-10"	6	10'- 6"	2.197	63.084	2.218	63.084	P
9	4	44.316	0.849	165.284	11'-10"	6	11'- 6"	1.735	69.092	1.758	69.092	D
9	6	47.140	0.948	159.791	11'-10"	6	11'- 6"	1.920	69.092	1.944	69.092	H
9	8	49.964	1.046	168.693	11'-10"	6	11'- 6"	2.105	69.092	2.129	69.092	L
9	10	52.788	1.144	179.792	11'-10"	6	11'- 6"	2.291	69.092	2.315	69.092	P
9	12	55.612	1.238	242.316	11'-10"	6	11'- 6"	2.476	69.092	2.500	69.092	T
10	4	48.491	0.926	173.924	12'-10"	6	12'- 6"	1.826	75.100	1.853	75.100	D
10	6	51.315	1.026	154.244	12'-10"	6	12'- 6"	2.012	75.100	2.039	75.100	H
10	8	54.139	1.122	187.777	12'-10"	6	12'- 6"	2.197	75.100	2.224	75.100	L
10	10	56.963	1.220	205.013	12'-10"	6	12'- 6"	2.383	75.100	2.410	75.100	P
10	12	59.787	1.314	259.016	12'-10"	6	12'- 6"	2.568	75.100	2.595	75.100	T
12	6	59.665	1.162	255.223	14'-10"	6	14'- 6"	2.197	87.116	2.230	87.116	H
12	8	62.489	1.241	250.938	14'-10"	6	14'- 6"	2.387	87.116	2.421	87.116	L
12	10	65.313	1.340	251.265	14'-10"	6	14'- 6"	2.573	87.116	2.606	87.116	P
12	12	68.137	1.456	295.486	14'-10"	6	14'- 6"	2.753	87.116	2.786	87.116	T

SPECIFICATION  
REFERENCE

**SINGLE BOX CULVERTS**  
0 TO 2 FT. FILLS  
VIRGINIA DEPARTMENT OF TRANSPORTATION



ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 2 OF 2

1002.04