

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	16.184	0.401	40.061								5'-10"
3	4	17.596	0.450	45.314	5'-10"	6	5'- 6"	1.131	33.044	1.134	33.044	C
4	3	19.524	0.448	67.357	6'-10"	6	6'- 6"	1.139	39.052	1.146	39.052	A
4	4	20.936	0.497	67.915	6'-10"	6	6'- 6"	1.232	39.052	1.239	39.052	C
4	5	22.348	0.546	74.725	6'-10"	6	6'- 6"	1.324	39.052	1.332	39.052	E
4	6	23.760	0.595	79.253	6'-10"	6	6'- 6"	1.417	39.052	1.424	39.052	G
5	3	22.864	0.555	83.223	7'-10"	6	7'- 6"	1.259	45.060	1.269	45.060	B
5	4	24.276	0.614	78.809	7'-10"	6	7'- 6"	1.352	45.060	1.362	45.060	D
5	5	25.688	0.663	83.653	7'-10"	6	7'- 6"	1.444	45.060	1.455	45.060	F
5	6	27.100	0.712	88.497	7'-10"	6	7'- 6"	1.537	45.060	1.547	45.060	H
5	7	28.512	0.761	93.341	7'-10"	6	7'- 6"	1.630	45.060	1.640	45.060	J
6	4	27.616	0.752	97.451	8'-10"	6	8'- 6"	1.442	51.068	1.456	51.068	D
6	5	29.028	0.801	107.894	8'-10"	6	8'- 6"	1.535	51.068	1.548	51.068	F
6	6	30.440	0.850	113.201	8'-10"	6	8'- 6"	1.627	51.068	1.641	51.068	H
6	7	31.852	0.899	118.507	8'-10"	6	8'- 6"	1.720	51.068	1.734	51.068	J
6	8	33.264	0.948	125.643	8'-10"	6	8'- 6"	1.813	51.068	1.827	51.068	L
7	4	30.956	0.899	122.048	9'-10"	6	9'- 6"	1.523	57.076	1.540	57.076	D
7	6	33.780	0.994	162.784	9'-10"	6	9'- 6"	1.708	57.076	1.726	57.076	H
7	8	36.604	1.093	167.261	9'-10"	6	9'- 6"	1.894	57.076	1.911	57.076	L
7	10	39.428	1.188	215.140	9'-10"	6	9'- 6"	2.079	57.076	2.096	57.076	P
8	4	34.296	1.018	175.231	10'-10"	6	10'- 6"	1.602	63.084	1.622	63.084	D
8	6	37.120	1.118	163.453	10'-10"	6	10'- 6"	1.787	63.084	1.808	63.084	H
8	8	39.944	1.214	203.569	10'-10"	6	10'- 6"	1.973	63.084	1.993	63.084	L
8	10	42.768	1.296	233.055	10'-10"	6	10'- 6"	2.160	63.084	2.181	63.084	P
9	4	37.636	1.197	193.447	11'-10"	6	11'- 6"	1.685	69.092	1.709	69.092	E
9	6	40.460	1.313	186.936	11'-10"	6	11'- 6"	1.868	69.092	1.891	69.092	I
9	8	43.284	1.410	208.526	11'-10"	6	11'- 6"	2.053	69.092	2.077	69.092	M
9	10	46.108	1.504	266.481	11'-10"	6	11'- 6"	2.239	69.092	2.262	69.092	Q
9	12	48.932	1.625	353.038	11'-10"	6	11'- 6"	2.383	69.092	2.406	69.092	U
10	4	40.976	1.411	228.592	12'-10"	6	12'- 6"	1.737	75.100	1.764	75.100	E
10	6	43.800	1.528	221.379	12'-10"	6	12'- 6"	1.919	75.100	1.946	75.100	I
10	8	46.624	1.626	234.211	12'-10"	6	12'- 6"	2.104	75.100	2.131	75.100	M
10	10	49.448	1.718	318.334	12'-10"	6	12'- 6"	2.290	75.100	2.317	75.100	Q
10	12	52.272	1.864	376.536	12'-10"	6	12'- 6"	2.411	75.100	2.437	75.100	U
12	6	50.480	1.922	271.945	14'-10"	6	14'- 6"	2.015	87.116	2.049	87.116	I
12	8	53.304	2.060	301.709	14'-10"	6	14'- 6"	2.190	87.116	2.224	87.116	M
12	10	56.128	2.171	408.220	14'-10"	6	14'- 6"	2.370	87.116	2.404	87.116	Q
12	12	58.952	2.338	449.488	14'-10"	6	14'- 6"	2.485	87.116	2.518	87.116	U

SPECIFICATION
REFERENCE

SINGLE BOX CULVERTS
25 TO 30 FT. FILLS
VIRGINIA DEPARTMENT OF TRANSPORTATION



ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 2 OF 2

1002.16