

SPAN (FT.)	HIGHT (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)
				HEADWALL LENGTH	SIZE	LENGTH						
3	3	16.184	0.401	41.355	5'-10"	6	5'-6"	1.038	33.044	1.042	33.044	A
3	4	17.596	0.450	46.606	5'-10"	6	5'-6"	1.131	33.044	1.134	33.044	C
4	3	19.524	0.448	69.319	6'-10"	6	6'-6"	1.139	39.052	1.146	39.052	A
4	4	20.936	0.497	69.842	6'-10"	6	6'-6"	1.232	39.052	1.239	39.052	C
4	5	22.348	0.546	77.408	6'-10"	6	6'-6"	1.324	39.052	1.332	39.052	E
4	6	23.760	0.595	87.946	6'-10"	6	6'-6"	1.417	39.052	1.424	39.052	G
5	3	22.864	0.555	85.770	7'-10"	6	7'-6"	1.259	45.060	1.269	45.060	B
5	4	24.276	0.614	81.559	7'-10"	6	7'-6"	1.352	45.060	1.362	45.060	D
5	5	25.688	0.663	86.403	7'-10"	6	7'-6"	1.444	45.060	1.455	45.060	F
5	6	27.100	0.712	96.716	7'-10"	6	7'-6"	1.537	45.060	1.547	45.060	H
5	7	28.512	0.760	109.922	7'-10"	6	7'-6"	1.630	45.060	1.640	45.060	J
6	4	27.616	0.752	100.722	8'-10"	6	8'-6"	1.442	51.068	1.456	51.068	D
6	5	29.028	0.801	111.159	8'-10"	6	8'-6"	1.535	51.068	1.548	51.068	F
6	6	30.440	0.850	116.466	8'-10"	6	8'-6"	1.627	51.068	1.641	51.068	H
6	7	31.852	0.898	128.210	8'-10"	6	8'-6"	1.720	51.068	1.734	51.068	J
6	8	33.264	0.946	147.176	8'-10"	6	8'-6"	1.813	51.068	1.827	51.068	L
7	4	30.956	0.898	125.975	9'-10"	6	9'-6"	1.523	57.076	1.540	57.076	D
7	6	33.780	0.994	167.916	9'-10"	6	9'-6"	1.708	57.076	1.726	57.076	H
7	8	36.604	1.091	188.876	9'-10"	6	9'-6"	1.894	57.076	1.911	57.076	L
7	10	39.428	1.261	241.896	9'-10"	6	9'-6"	2.079	57.076	2.096	57.076	P
8	4	34.296	1.017	180.750	10'-10"	6	10'-6"	1.602	63.084	1.622	63.084	D
8	6	37.120	1.117	168.456	10'-10"	6	10'-6"	1.787	63.084	1.808	63.084	H
8	8	39.944	1.212	226.032	10'-10"	6	10'-6"	1.973	63.084	1.993	63.084	L
8	10	42.768	1.407	260.099	10'-10"	6	10'-6"	2.160	63.084	2.181	63.084	P
9	4	37.636	1.197	198.733	11'-10"	6	11'-6"	1.685	69.092	1.709	69.092	E
9	6	40.460	1.312	192.297	11'-10"	6	11'-6"	1.868	69.092	1.891	69.092	I
9	8	43.284	1.407	234.542	11'-10"	6	11'-6"	2.053	69.092	2.077	69.092	M
9	10	46.108	1.579	293.978	11'-10"	6	11'-6"	2.239	69.092	2.262	69.092	Q
9	12	48.932	1.846	389.542	11'-10"	6	11'-6"	2.383	69.092	2.406	69.092	U
10	4	40.976	1.410	236.138	12'-10"	6	12'-6"	1.737	75.100	1.764	75.100	E
10	6	43.800	1.527	228.503	12'-10"	6	12'-6"	1.919	75.100	1.946	75.100	I
10	8	46.624	1.624	258.918	12'-10"	6	12'-6"	2.104	75.100	2.131	75.100	M
10	10	49.448	1.795	349.512	12'-10"	6	12'-6"	2.290	75.100	2.317	75.100	Q
10	12	52.272	2.066	413.087	12'-10"	6	12'-6"	2.411	75.100	2.437	75.100	U
12	6	50.480	1.921	279.204	14'-10"	6	14'-6"	2.015	87.116	2.049	87.116	I
12	8	53.304	2.058	318.713	14'-10"	6	14'-6"	2.190	87.116	2.224	87.116	M
12	10	56.128	2.210	436.661	14'-10"	6	14'-6"	2.370	87.116	2.404	87.116	Q
12	12	58.952	2.548	488.548	14'-10"	6	14'-6"	2.485	87.116	2.518	87.116	U

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

SPECIFICATION REFERENCE	<h2>SINGLE BOX CULVERTS</h2> <h3>20 TO 30 FT. FILLS</h3> <p>VIRGINIA DEPARTMENT OF TRANSPORTATION</p>	 ROAD AND BRIDGE STANDARDS	
		REVISION DATE 07/11	SHEET 2 OF 2 1002.12