

FOR TYPICAL SECTION, NOTES AND OTHER DETAILS, REFER TO STANDARD BCS-DT.

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)	WINGWALL
					HEADWALL LENGTH	SIZE	LENGTH	LENGTH					
3	3	16.184	0.399	68.962	5'-10"	6	5'- 6"	1.038	33.044	1.042	33.044	A	
3	4	17.596	0.448	74.625	5'-10"	6	5'- 6"	1.131	33.044	1.134	33.044	C	
4	3	19.524	0.522	76.100	6'-10"	6	6'- 6"	1.165	39.052	1.172	39.052	B	
4	4	20.936	0.571	75.683	6'-10"	6	6'- 6"	1.257	39.052	1.264	39.052	D	
4	5	22.348	0.620	81.181	6'-10"	6	6'- 6"	1.350	39.052	1.357	39.052	F	
4	6	23.760	0.764	86.910	6'-10"	6	6'- 6"	1.443	39.052	1.450	39.052	H	
5	3	22.864	0.691	87.548	7'-10"	6	7'- 6"	1.259	45.060	1.269	45.060	B	
5	4	24.276	0.740	92.854	7'-10"	6	7'- 6"	1.352	45.060	1.362	45.060	D	
5	5	25.688	0.789	104.834	7'-10"	6	7'- 6"	1.444	45.060	1.455	45.060	F	
5	6	27.100	0.808	119.650	7'-10"	6	7'- 6"	1.537	45.060	1.547	45.060	H	
5	7	28.512	0.968	126.150	7'-10"	6	7'- 6"	1.630	45.060	1.640	45.060	J	
6	4	27.616	0.887	116.334	8'-10"	6	8'- 6"	1.433	51.068	1.446	51.068	D	
6	5	29.028	0.935	132.479	8'-10"	6	8'- 6"	1.525	51.068	1.539	51.068	F	
6	6	30.440	1.038	155.252	8'-10"	6	8'- 6"	1.617	51.068	1.631	51.068	H	
6	7	31.852	1.041	186.084	8'-10"	6	8'- 6"	1.710	51.068	1.724	51.068	J	
6	8	33.264	1.207	195.354	8'-10"	6	8'- 6"	1.804	51.068	1.817	51.068	L	
7	4	30.956	1.128	146.481	9'-10"	6	9'- 6"	1.514	57.076	1.531	57.076	E	
7	6	33.780	1.236	194.910	9'-10"	6	9'- 6"	1.698	57.076	1.715	57.076	I	
7	8	36.604	1.371	222.064	9'-10"	6	9'- 6"	1.885	57.076	1.902	57.076	M	
7	10	39.428	1.735	257.787	9'-10"	6	9'- 6"	2.070	57.076	2.087	57.076	Q	
8	4	34.296	1.276	195.772	10'-10"	6	10'- 6"	1.579	63.084	1.599	63.084	E	
8	6	37.120	1.390	187.491	10'-10"	6	10'- 6"	1.762	63.084	1.782	63.084	I	
8	8	39.944	1.566	261.160	10'-10"	6	10'- 6"	1.945	63.084	1.965	63.084	M	
8	10	42.768	1.934	281.746	10'-10"	6	10'- 6"	1.987	63.084	2.006	63.084	Q	
9	4	37.636	1.499	207.204	11'-10"	6	11'- 6"	1.627	69.092	1.650	69.092	E	
9	6	40.460	1.628	231.090	11'-10"	6	11'- 6"	1.806	69.092	1.830	69.092	I	
9	8	43.284	1.774	288.545	11'-10"	6	11'- 6"	1.988	69.092	2.012	69.092	M	
9	10	46.108	2.166	334.834	11'-10"	6	11'- 6"	2.030	69.092	2.052	69.092	Q	
9	12	48.932	2.515	436.543	11'-10"	6	11'- 6"	2.048	69.092	2.069	69.092	U	
10	4	40.976	1.795	245.200	12'-10"	6	12'- 6"	1.671	75.100	1.698	75.100	F	
10	6	43.800	1.874	266.040	12'-10"	6	12'- 6"	1.860	75.100	1.887	75.100	J	
10	8	46.624	1.970	310.043	12'-10"	6	12'- 6"	2.046	75.100	2.073	75.100	N	
10	10	49.448	2.385	361.147	12'-10"	6	12'- 6"	2.089	75.100	2.114	75.100	R	
10	12	52.272	2.714	528.019	12'-10"	6	12'- 6"	2.109	75.100	2.133	75.100	V	
12	6	50.480	2.610	314.113	14'-10"	6	14'- 6"	1.847	87.116	1.881	87.116	K	
12	8	53.304	2.668	410.348	14'-10"	6	14'- 6"	2.065	87.116	2.099	87.116	O	
12	10	56.128	3.123	476.112	14'-10"	6	14'- 6"	2.094	87.116	2.127	87.116	S	
12	12	58.952	3.467	594.069	14'-10"	6	14'- 6"	2.106	87.116	2.137	87.116	W	

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

SPECIFICATION REFERENCE	<h1>SINGLE BOX CULVERTS</h1> <h2>40 TO 50 FT. FILLS</h2> <p>VIRGINIA DEPARTMENT OF TRANSPORTATION</p>	 ROAD AND BRIDGE STANDARDS	
		REVISION DATE 07/11	SHEET 2 OF 2 1002.16