

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

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						
3	3	16.184	0.400	55.206	5'-10"	6	5'-6"	1.038	33.044	1.042	33.044	A	
3	4	17.596	0.449	51.804	5'-10"	6	5'-6"	1.131	33.044	1.134	33.044	C	
4	3	19.524	0.490	61.854	6'-10"	6	6'-6"	1.161	39.052	1.169	39.052	B	
4	4	20.936	0.530	68.673	6'-10"	6	6'-6"	1.235	39.052	1.242	39.052	C	
4	5	22.348	0.579	73.399	6'-10"	6	6'-6"	1.328	39.052	1.335	39.052	E	
4	6	23.760	0.636	90.283	6'-10"	6	6'-6"	1.440	39.052	1.447	39.052	H	
5	3	22.864	0.643	81.426	7'-10"	6	7'-6"	1.259	45.060	1.269	45.060	B	
5	4	24.276	0.692	90.093	7'-10"	6	7'-6"	1.352	45.060	1.362	45.060	D	
5	5	25.688	0.750	95.374	7'-10"	6	7'-6"	1.444	45.060	1.455	45.060	F	
5	6	27.100	0.799	106.254	7'-10"	6	7'-6"	1.537	45.060	1.547	45.060	H	
5	7	28.512	0.818	123.095	7'-10"	6	7'-6"	1.630	45.060	1.640	45.060	J	
6	4	27.616	0.819	112.841	8'-10"	6	8'-6"	1.437	51.068	1.451	51.068	D	
6	5	29.028	0.868	118.353	8'-10"	6	8'-6"	1.530	51.068	1.544	51.068	F	
6	6	30.440	0.916	129.740	8'-10"	6	8'-6"	1.623	51.068	1.636	51.068	H	
6	7	31.852	0.965	144.111	8'-10"	6	8'-6"	1.715	51.068	1.729	51.068	J	
6	8	33.264	1.045	156.235	8'-10"	6	8'-6"	1.808	51.068	1.822	51.068	L	
7	4	30.956	0.987	143.621	9'-10"	6	9'-6"	1.512	57.076	1.529	57.076	D	
7	6	33.780	1.084	161.807	9'-10"	6	9'-6"	1.698	57.076	1.715	57.076	H	
7	8	36.604	1.181	188.072	9'-10"	6	9'-6"	1.883	57.076	1.900	57.076	L	
7	10	39.428	1.453	266.363	9'-10"	6	9'-6"	2.032	57.076	2.049	57.076	P	
8	4	34.296	1.206	159.065	10'-10"	6	10'-6"	1.590	63.084	1.611	63.084	E	
8	6	37.120	1.318	176.663	10'-10"	6	10'-6"	1.773	63.084	1.794	63.084	I	
8	8	39.944	1.412	236.248	10'-10"	6	10'-6"	1.959	63.084	1.979	63.084	M	
8	10	42.768	1.690	298.216	10'-10"	6	10'-6"	2.107	63.084	2.127	63.084	Q	
9	4	37.636	1.421	186.129	11'-10"	6	11'-6"	1.642	69.092	1.666	69.092	E	
9	6	40.460	1.519	197.639	11'-10"	6	11'-6"	1.828	69.092	1.851	69.092	I	
9	8	43.284	1.615	230.749	11'-10"	6	11'-6"	2.013	69.092	2.037	69.092	M	
9	10	46.108	1.851	336.193	11'-10"	6	11'-6"	2.162	69.092	2.185	69.092	Q	
9	12	48.932	2.201	425.353	11'-10"	6	11'-6"	2.202	69.092	2.224	69.092	U	
10	4	40.976	1.621	231.746	12'-10"	6	12'-6"	1.691	75.100	1.718	75.100	E	
10	6	43.800	1.736	244.494	12'-10"	6	12'-6"	1.872	75.100	1.899	75.100	I	
10	8	46.624	1.848	296.723	12'-10"	6	12'-6"	2.054	75.100	2.081	75.100	M	
10	10	49.448	2.081	395.781	12'-10"	6	12'-6"	2.194	75.100	2.221	75.100	Q	
10	12	52.272	2.461	463.231	12'-10"	6	12'-6"	2.236	75.100	2.262	75.100	U	
12	6	50.480	2.227	324.329	14'-10"	6	14'-6"	1.953	87.116	1.987	87.116	J	
12	8	53.304	2.323	356.451	14'-10"	6	14'-6"	2.138	87.116	2.172	87.116	N	
12	10	56.128	2.523	431.964	14'-10"	6	14'-6"	2.287	87.116	2.320	87.116	R	
12	12	58.952	2.942	534.328	14'-10"	6	14'-6"	2.327	87.116	2.359	87.116	V	

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

SPECIFICATION REFERENCE	<h2>SINGLE BOX CULVERTS</h2> <h3>30 TO 40 FT. FILLS</h3> <p>VIRGINIA DEPARTMENT OF TRANSPORTATION</p>	 ROAD AND BRIDGE STANDARDS	
		REVISION DATE 07/11	SHEET 2 OF 2 1002.14