

DIMENSIONS					REINFORCING STEEL																						
SPAN	HGHT	T1	T2	T3	BH1												BH2			BH3			BV1			NO. BL1 BARS	NO. BL2 BARS
(FT.)	(FT.)	TOP SLAB (IN.)	BOTTOM SLAB (IN.)	WALL (IN.)	A	B	C	D	E	F	SIZE	SPACING C-C	a	b	LENGTH	SIZE	SPACING C-C	LENGTH	SIZE	SPACING C-C	a	LENGTH	SIZE	SPACING C-C	LENGTH		
12	14	15"	15"	8 1/4"	11	11'- 0"	11	11'- 0"	12	12'- 0"	6	6"	13'- 1/2"	8'- 9"	29'- 9"	8	6"	13'- 0"	--	---	-----	-----	6	9 1/2"	16'- 2"	52	52
12	16	15 1/4"	15 1/4"	9 3/4"	11	11'- 0"	11	11'- 0"	14	14'- 0"	6	5 1/2"	13'- 3 1/2"	9'- 9 1/4"	32'- 0"	8	5 1/2"	13'- 3"	3	5 1/2"	4'- 0 1/2"	7'- 11"	7	11 1/2"	18'- 3"	52	60
14	8	16 3/4"	16 3/4"	8"	13	13'- 0"	13	13'- 0"	6	6'- 0"	4	5 1/2"	15'- 0"	5'- 10 3/4"	26'- 3"	8	5 1/2"	15'- 0"	4	5 1/2"	4'- 3 5/8"	8'- 4"	4	11"	10'- 6"	60	28
14	10	16 3/4"	16 3/4"	8"	13	13'- 0"	13	13'- 0"	8	8'- 0"	5	5"	15'- 0"	6'- 10 3/4"	28'- 2"	8	5"	15'- 0"	--	---	-----	-----	4	12"	12'- 6"	60	36
14	12	16 3/4"	16 3/4"	8"	13	13'- 0"	13	13'- 0"	10	10'- 0"	5	5"	15'- 0"	7'- 10 3/4"	30'- 2"	8	5"	15'- 0"	--	---	-----	-----	4	10"	14'- 6"	60	44
14	14	16 3/4"	16 3/4"	8 1/2"	13	13'- 0"	13	13'- 0"	12	12'- 0"	5	5"	15'- 1"	8'- 10 3/4"	32'- 3"	8	5"	15'- 1"	4	5"	4'- 4 1/8"	8'- 5"	6	11 1/2"	16'- 6"	60	52
14	16	17"	17"	9 1/2"	13	13'- 0"	13	13'- 0"	14	14'- 0"	6	5"	15'- 3"	9'- 11"	34'- 3"	8	5"	15'- 3"	--	---	-----	-----	6	9"	18'- 6"	60	60

SPAN	HGHT	REINFORCING STEEL (LBS/LONG. JT)	QUAN./LF	HEADWALLS									
				G		HWI		INLET CONCRETE CL. A4 (CY)	INLET REINFORCING STEEL (LBS)	OUTLET CONCRETE CL. A4 (CY)	OUTLET REINFORCING STEEL (LBS)	WINGWALL	
(FT.)	(FT.)	CONCRETE CLASS A4 (CY/LF)	REINFORCING STEEL (LBS/LF)	HEADWALL LENGTH	SIZE	LENGTH	LENGTH						LENGTH
12	14	61.776	1.960	433.211	14'-10"	6	14'- 6"	2.810	87.116	2.844	87.116	X	
12	16	64.600	2.248	525.232	14'-10"	6	14'- 6"	2.835	87.116	2.868	87.116	CC	
14	8	59.984	1.994	365.773	16'-10"	6	16'- 6"	2.408	99.132	2.449	99.132	M	
14	10	62.808	2.090	403.570	16'-10"	6	16'- 6"	2.594	99.132	2.634	99.132	Q	
14	12	65.632	2.188	423.137	16'-10"	6	16'- 6"	2.779	99.132	2.820	99.132	U	
14	14	68.456	2.331	520.092	16'-10"	6	16'- 6"	2.913	99.132	2.953	99.132	Y	
14	16	71.280	2.571	579.111	16'-10"	6	16'- 6"	2.970	99.132	3.009	99.132	CC	

For Typical Section, notes and other details, refer to Standard BCB-DT.

OVERSIZE BOX CULVERTS
 15 TO 20 FT. FILLS
 VIRGINIA DEPARTMENT OF TRANSPORTATION