

DIMENSIONS											REINFORCING STEEL																
SPAN (FT.)	HGHT (FT.)	T1 TOP SLAB (IN.)	T2 BOTTOM SLAB (IN.)	T3 WALL (IN.)	A	B	C	D	E	F	BH1			BH2			BH3			BV1			NO. BL1 BARS	NO. BL2 BARS			
											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'-2"	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'-2"	--	---	-----	-----	6	9"	18'-6"	60	60

SPAN (FT.)	HGHT (FT.)	REINFORCING STEEL (LBS./LONG. JT)	QUAN./LF		HEADWALLS							
			CONCRETE CLASS A4 (CY/LF)	REINFORCING STEEL (LBS/LF)	G HEADWALL LENGTH	HW1 SIZE LENGTH		INLET CONCRETE CL. A4 (CY)	INLET REINFORCING STEEL (LBS)	OUTLET CONCRETE CL. A4 (CY)	OUTLET REINFORCING STEEL (LBS)	WINGWALL
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.

SPECIFICATION REFERENCE	<h2 style="margin: 0;">OVERSIZE BOX CULVERTS</h2> <h3 style="margin: 0;">15 TO 20 FT. FILLS</h3> <p style="margin: 0;">VIRGINIA DEPARTMENT OF TRANSPORTATION</p>	<p style="margin: 0;">ROAD AND BRIDGE STANDARDS</p>	
		REVISION DATE	SHEET 1 OF 1
		1001.07	