

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

BCB-02

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 #4 BARS	NO. BL2 #3 BARS				
											SIZE	SPACING c-c	a	b	LENGTH	SIZE	SPACING c-c	LENGTH	SIZE	SPACING c-c	a	LENGTH	SIZE	SPACING c-c	LENGTH	SIZE	SPACING c-c	LENGTH		
12	14	10 3/4"	10 3/4"	8"	11	11'-0"	22	11'-0"	12	12'-0"	5	7"	13'-0"	8'-4 3/4"	29'-2"	8	7"	13'-0"	4	7"	4'-6 1/2"	8'-10"	5	8 1/2"	15'-5"	63	52			
12	16	11 3/4"	11 3/4"	8 1/4"	11	11'-0"	22	11'-0"	14	14'-0"	6	6"	13'-1/2"	9'-9 1/4"	31'-10"	8	6"	13'-0"	--	---	-----	-----	5	5 1/2"	17'-8"	63	60			
14	8	10 3/4"	10 3/4"	8"	13	13'-0"	26	13'-0"	6	6'-0"	5	7"	15'-0"	5'-4 3/4"	25'-2"	7	7"	15'-0"	4	7"	4'-3 5/8"	8'-4"	4	12"	9'-5"	73	28			
14	10	11"	11"	8"	13	13'-0"	26	13'-0"	8	8'-0"	5	8 1/2"	15'-0"	6'-5"	27'-2"	8	8 1/2"	15'-0"	4	8 1/2"	4'-3 5/8"	8'-4"	4	12"	11'-6"	73	36			
14	12	11"	11"	8"	13	13'-0"	26	13'-0"	10	10'-0"	5	7 1/2"	15'-0"	7'-5"	29'-2"	8	7 1/2"	15'-0"	4	7 1/2"	4'-3 5/8"	8'-4"	5	12"	13'-6"	73	44			
14	14	11 1/2"	11 1/2"	8"	13	13'-0"	26	13'-0"	12	12'-0"	6	6 1/2"	15'-0"	8'-9"	31'-9"	8	6 1/2"	15'-0"	--	---	-----	-----	5	8"	15'-7"	73	52			
14	16	12 1/2"	12 1/2"	8 1/4"	13	13'-0"	26	13'-0"	14	14'-0"	6	5 1/2"	15'-1/2"	9'-10"	34'-0"	8	5 1/2"	15'-0"	--	---	-----	-----	6	9"	17'-9"	73	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	70.961	1.591	376.903	14'-10"	6	14'-6"	2.927	87.116	2.961	87.116	X
12	16	73.785	1.793	479.298	14'-10"	6	14'-6"	3.064	87.116	3.097	87.116	BB
14	8	70.839	1.431	305.160	16'-10"	6	16'-6"	2.557	99.132	2.597	99.132	L
14	10	73.663	1.554	302.186	16'-10"	6	16'-6"	2.735	99.132	2.775	99.132	P
14	12	76.487	1.649	360.576	16'-10"	6	16'-6"	2.920	99.132	2.961	99.132	T
14	14	79.311	1.790	445.148	16'-10"	6	16'-6"	3.092	99.132	3.132	99.132	X
14	16	82.135	2.004	543.465	16'-10"	6	16'-6"	3.222	99.132	3.262	99.132	BB

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

SPECIFICATION
REFERENCE

OVERSIZE BOX CULVERTS

0 TO 2 FT. FILLS

VIRGINIA DEPARTMENT OF TRANSPORTATION

VDOT

ROAD AND BRIDGE STANDARDS

REVISION DATE

SHEET 1 OF 1

07/11

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