

DIMENSIONS										REINFORCING STEEL																	
SPAN	HGHT	T1	T2	T3	A	B	C	D	E	F	BH1			BH2			BH3			BV1			NO. BL1 BARS	NO. BL2 BARS			
(FT.)	(FT.)	TOP SLAB (IN.)	BOTTOM SLAB (IN.)	WALL (IN.)							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	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"	3'-10 3/4"	7'-6"	4	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'-5 3/4"	31'-2"	8	6"	13'-0"	--	--	-----	-----	4	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"	--	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"	4	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'-5 1/2"	31'-1"	8	6 1/2"	15'-0"	--	--	-----	-----	4	10"	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'-6 1/2"	33'-4"	8	5 1/2"	15'-0"	--	--	-----	-----	5	9"	17'-9"	73	60

SPAN	HGHT	REINFORCING STEEL (LBS/LONG. JT)	QUAN./LF		HEADWALLS											
			CONCRETE CLASS A4 (CY/LF)	REINFORCING STEEL (LBS/LF)	G	HW1		INLET CONCRETE CL. A4 (CY)	INLET REINFORCING STEEL (LBS)	OUTLET CONCRETE CL. A4 (CY)	OUTLET REINFORCING STEEL (LBS)	WINGWALL				
(FT.)	(FT.)				HEADWALL LENGTH	SIZE	LENGTH									
12	14	70.961	1.591	348.374	14'-10"	6	14'-6"	2.927	87.116	2.961	87.116	X				
12	16	73.785	1.793	442.230	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	344.477	16'-10"	6	16'-6"	2.920	99.132	2.961	99.132	T				
14	14	79.311	1.790	413.560	16'-10"	6	16'-6"	3.092	99.132	3.132	99.132	X				
14	16	82.135	2.004	513.929	16'-10"	6	16'-6"	3.222	99.132	3.262	99.132	BB				

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

SPECIFICATION REFERENCE

OVERSIZE BOX CULVERTS

0 TO 2 FT. FILLS

VIRGINIA DEPARTMENT OF TRANSPORTATION



ROAD AND BRIDGE STANDARDS

REVISION DATE SHEET 1 OF 1

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