

DIMENSIONS					REINFORCING STEEL																						
SPAN	HGHT	T1	T2	T3	BHI												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	19/2"	19/2"	9 3/4"	11	11'-0"	11	11'-0"	12	12'-0"	5	5/2"	13'-3 1/2"	9'-1 1/2"	30'-11"	8	5/2"	13'-3"	4	5/2"	4'-1/2"	7'-10"	6	8"	16'-11"	52	52
12	16	19/2"	19/2"	11"	11	11'-0"	11	11'-0"	14	14'-0"	6	5/2"	13'-6"	10'-1 1/2"	32'-11"	8	5/2"	13'-6"	3	5/2"	4'-1 3/4"	8'-1"	8	12"	18'-11"	52	60
14	8	22 1/2"	22 1/2"	8"	13	13'-0"	13	13'-0"	6	6'-0"	4	5"	15'-0"	6'-4 1/2"	27'-3"	8	5"	15'-0"	--	--	-----	-----	4	12"	11'-5"	60	28
14	10	22 3/4"	22 3/4"	8"	13	13'-0"	13	13'-0"	8	8'-0"	4	5"	15'-0"	7'-4 3/4"	29'-3"	8	5"	15'-0"	3	5"	4'-3 5/8"	8'-5"	4	6 1/2"	13'-6"	60	36
14	12	22 3/4"	22 3/4"	8 1/4"	13	13'-0"	13	13'-0"	10	10'-0"	5	4 1/2"	15'-1/2"	8'-4 3/4"	31'-2"	8	4 1/2"	15'-0"	--	--	-----	-----	6	9"	15'-6"	60	44
14	14	22 3/4"	22 3/4"	9 1/2"	13	13'-0"	13	13'-0"	12	12'-0"	5	5"	15'-3"	9'-4 3/4"	33'-5"	8	5"	15'-3"	3	5"	4'-5 1/8"	8'-8"	5	5 1/2"	17'-6"	60	52
14	16	22 3/4"	22 3/4"	11"	13	13'-0"	13	13'-0"	14	14'-0"	6	4 1/2"	15'-6"	10'-4 3/4"	35'-6"	8	4 1/2"	15'-6"	--	--	-----	-----	7	9 1/2"	19'-6"	60	60

SPAN	HGHT	REINFORCING STEEL (LBS/LONG. JT)	QUAN./LF	HEADWALLS									
				CONCRETE CLASS A4 (CY/LF)	REINFORCING STEEL (LBS/LF)	HEADWALL LENGTH	SIZE	HW I LENGTH	INLET CONCRETE CL. A4 (CY)	INLET REINFORCING STEEL (LBS)	OUTLET CONCRETE CL. A4 (CY)	OUTLET REINFORCING STEEL (LBS)	WINGWALL
12	14	61.776	2.189	471.266	14'-10"	6	14'-6"	2.572	87.116	2.604	87.116	Y	
12	16	64.600	2.751	557.865	14'-10"	6	14'-6"	2.588	87.116	2.620	87.116	CC	
14	8	59.984	2.540	345.475	16'-10"	6	16'-6"	2.267	99.132	2.308	99.132	N	
14	10	62.808	2.658	403.321	16'-10"	6	16'-6"	2.446	99.132	2.486	99.132	R	
14	12	65.632	2.744	505.676	16'-10"	6	16'-6"	2.607	99.132	2.647	99.132	V	
14	14	68.456	3.011	533.304	16'-10"	6	16'-6"	2.653	99.132	2.692	99.132	Z	
14	16	71.280	3.301	668.433	16'-10"	6	16'-6"	2.638	99.132	2.676	99.132	DD	

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

OVERSIZE BOX CULVERTS

25 TO 30 FT. FILLS

VIRGINIA DEPARTMENT OF TRANSPORTATION

STRUCTURE AND BRIDGE DIVISION