

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

DIMENSIONS						REINFORCING STEEL																					
SPAN (FT.)	HGHT (FT.)	T1 TOP SLAB (IN.)	T2 BOTTOM SLAB (IN.)	T3 WALL (IN.)		BH1					BH2			BH3			BV1			NO. BL1 #4 BARS	NO. BL2 #3 BARS						
				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 1/2"	19 1/2"	12 1/2"	11	11'-0"	11	11'-0"	12	12'-0"	5	5 1/2"	13'-9"	9'-4"	31'-9"	8	5 1/2"	13'-9"	4	5 1/2"	5'-4"	10'-4"	7	8"	16'-11"	52	52
12	16	19 1/2"	19 1/2"	15"	11	11'-0"	11	11'-0"	14	14'-0"	6	5 1/2"	14'-2"	10'-6"	34'-4"	8	5 1/2"	14'-1"	3	5 1/2"	5'-8"	11'-2"	8	10"	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'-5"	27'-3"	8	5"	15'-0"	--	---	-----	-----	5	12"	11'-4"	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'-5"	29'-4"	8	5"	15'-0"	3	5"	4'-9"	9'-4"	5	6 1/2"	13'-5"	60	36
14	12	22 3/4"	22 3/4"	10 1/2"	13	13'-0"	13	13'-0"	10	10'-0"	5	4 1/2"	15'-5"	8'-7"	31'-11"	8	4 1/2"	15'-4"	--	---	-----	-----	6	9"	15'-5"	60	44
14	14	22 3/4"	22 3/4"	12 1/2"	13	13'-0"	13	13'-0"	12	12'-0"	5	5"	15'-9"	9'-7"	34'-3"	8	5"	15'-8"	3	5"	5'-7"	10'-11"	5	5"	17'-5"	60	52
14	16	22 3/4"	22 3/4"	15"	13	13'-0"	13	13'-0"	14	14'-0"	6	4 1/2"	16'-2"	10'-9"	36'-10"	8	4 1/2"	16'-2"	--	---	-----	-----	7	9"	19'-5"	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	2.776	529.473	14'-10"	6	14'-6"	2.572	87.116	2.604	87.116	Y	
12	16	64.600	3.221	612.127	14'-10"	6	14'-6"	2.588	87.116	2.620	87.116	CC	
14	8	59.984	2.538	362.624	16'-10"	6	16'-6"	2.267	99.132	2.308	99.132	N	
14	10	62.808	2.655	433.615	16'-10"	6	16'-6"	2.446	99.132	2.486	99.132	R	
14	12	65.632	2.991	524.087	16'-10"	6	16'-6"	2.607	99.132	2.647	99.132	V	
14	14	68.456	3.337	568.048	16'-10"	6	16'-6"	2.653	99.132	2.692	99.132	Z	
14	16	71.280	3.786	702.626	16'-10"	6	16'-6"	2.638	99.132	2.676	99.132	DD	

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

SPECIFICATION REFERENCE	<h2 style="margin: 0;">OVERSIZE BOX CULVERTS</h2> <h3 style="margin: 0;">20 TO 30 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
			07/11	1001.07