

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	11 1/2"	11 1/2"	9"	11	11'-0"	11	11'-0"	12	12'-0"	5	6 1/2"	13'-2"	8'-5 1/2"	29'-5"	8	6 1/2"	13'-2"	4	6 1/2"	4'-7"	8'-11"	6	7 1/2"	15'-7"	52	52
12	16	12"	12"	10 1/2"	11	11'-0"	11	11'-0"	14	14'-0"	6	6"	13'-5"	9'-9 1/2"	32'-4"	8	6"	13'-5"	--	---	-----	-----	6	6"	17'-8"	52	60
14	8	11 3/4"	11 3/4"	8"	13	13'-0"	13	13'-0"	6	6'-0"	6	6 1/2"	15'-0"	5'-9 1/2"	25'-10"	8	6 1/2"	15'-0"	--	---	-----	-----	4	6"	9'-8"	60	28
14	10	11 3/4"	11 3/4"	8"	13	13'-0"	13	13'-0"	8	8'-0"	5	6"	15'-0"	6'-5 3/4"	27'-4"	8	6"	15'-0"	3	6"	4'-3 5/8"	8'-5"	4	6"	11'-8"	60	36
14	12	12"	12"	8"	13	13'-0"	13	13'-0"	10	10'-0"	5	6"	15'-0"	7'-6"	29'-4"	8	6"	15'-0"	3	6"	4'-3 5/8"	8'-5"	6	12"	13'-8"	60	44
14	14	12 1/2"	12 1/2"	9 1/2"	13	13'-0"	13	13'-0"	12	12'-0"	5	5 1/2"	15'-3"	8'-6 1/2"	31'-8"	8	5 1/2"	15'-3"	3	5 1/2"	4'-8"	9'-1"	7	12"	15'-9"	60	52
14	16	12 3/4"	12 3/4"	10 1/2"	13	13'-0"	13	13'-0"	14	14'-0"	6	5 1/2"	15'-5"	9'-10"	34'-3"	8	5 1/2"	15'-5"	--	---	-----	-----	6	7"	17'-9"	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	1.746	421.454	14'-10"	6	14'-6"	2.911	87.116	2.945	87.116	X
12	16	64.600	2.059	503.510	14'-10"	6	14'-6"	3.003	87.116	3.036	87.116	BB
14	8	59.984	1.521	363.885	16'-10"	6	16'-6"	2.529	99.132	2.569	99.132	L
14	10	62.808	1.619	384.341	16'-10"	6	16'-6"	2.714	99.132	2.754	99.132	P
14	12	65.632	1.741	410.358	16'-10"	6	16'-6"	2.893	99.132	2.933	99.132	T
14	14	68.456	2.029	478.737	16'-10"	6	16'-6"	3.064	99.132	3.105	99.132	X
14	16	71.280	2.276	561.097	16'-10"	6	16'-6"	3.187	99.132	3.227	99.132	BB

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;">5 TO 10 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	1001.05