

DIMENSIONS							REINFORCING STEEL																									
SPAN (FT.)	HGHT (FT.)	T1 TOP SLAB	T2 BOTTOM SLAB	T3 EXTERIOR WALL (IN.)	T4 INTERIOR WALL (IN.)	A	B	C	D	E	F	BH1		BH2		BH3		BH4			BV1		BV2									
												SIZE	SPACING O-C	LENGTH	SIZE	SPACING O-C	LENGTH	SIZE	SPACING O-C	a	LENGTH	SIZE	SPACING O-C	a	b	LENGTH	SIZE	SPACING O-C	LENGTH	SIZE	SPACING O-C	LENGTH
3	3	8"	8"	8"	8"	9	9'-0"	9	9'-0"	1	1'-0"	4	12"	11'-2"	4	12"	11'-4"	4	12"	2'-1 1/4"	3'-11"	4	12"	2'-1 1/4"	2'-8"	4'-6"	4	12"	4'-0"	4	12"	4'-0"
3	4	8"	8"	8"	8"	9	9'-0"	9	9'-0"	2	2'-0"	4	12"	11'-2"	4	12"	11'-4"	3	12"	2'-1 1/4"	4'-0"	4	12"	2'-1 1/4"	3'-2"	5'-0"	4	12"	5'-0"	4	12"	5'-0"
4	3	9 3/4"	9 3/4"	8"	8"	12	12'-0"	12	12'-0"	1	1'-0"	4	12"	13'-9"	4	12"	14'-4"	--	--	----	----	4	12"	2'-3 5/8"	2'-9 3/4"	4'-10"	4	12"	4'-3"	4	12"	4'-3"
4	4	9 3/4"	9 3/4"	8"	8"	12	12'-0"	12	12'-0"	2	2'-0"	4	12"	13'-9"	4	12"	14'-4"	--	--	----	----	4	12"	2'-3 5/8"	3'-3 3/4"	5'-4"	4	12"	5'-3"	4	12"	5'-3"
4	5	9 3/4"	9 3/4"	8"	8"	12	12'-0"	12	12'-0"	3	3'-0"	4	12"	13'-9"	4	12"	14'-4"	--	--	----	----	4	12"	2'-3 5/8"	3'-9 3/4"	5'-10"	4	12"	6'-3"	4	12"	6'-3"
4	6	9 3/4"	9 3/4"	8"	8"	12	12'-0"	12	12'-0"	4	4'-0"	4	12"	13'-9"	4	12"	14'-4"	4	12"	2'-3 5/8"	4'-4"	4	12"	2'-3 5/8"	4'-3 3/4"	6'-4"	4	12"	7'-3"	4	12"	7'-3"
5	3	12"	12"	8"	8"	15	15'-0"	15	15'-0"	1	1'-0"	4	11"	16'-4"	4	11"	17'-4"	--	--	----	----	4	11"	2'-6"	3'-0"	5'-3"	4	12"	4'-8"	4	12"	4'-8"
5	4	12"	12"	8"	8"	15	15'-0"	15	15'-0"	2	2'-0"	4	11"	16'-4"	4	11"	17'-4"	--	--	----	----	4	11"	2'-6"	3'-6"	5'-9"	4	12"	5'-8"	4	12"	5'-8"
5	5	11 3/4"	11 3/4"	8"	8"	15	15'-0"	15	15'-0"	3	3'-0"	4	10"	16'-4"	4	10"	17'-4"	--	--	----	----	4	10"	2'-6"	3'-11 3/4"	6'-3"	4	12"	6'-8"	4	12"	6'-8"
5	6	11 3/4"	11 3/4"	8"	8"	15	15'-0"	15	15'-0"	4	4'-0"	4	10"	16'-4"	4	10"	17'-4"	--	--	----	----	4	10"	2'-6"	4'-5 3/4"	6'-9"	4	12"	7'-8"	4	12"	7'-8"
5	7	11 3/4"	11 3/4"	8"	8"	15	15'-0"	15	15'-0"	5	5'-0"	4	10"	16'-4"	4	10"	17'-4"	--	--	----	----	5	10"	2'-6"	4'-11 3/4"	7'-2"	4	8 1/2"	8'-8"	4	12"	8'-8"
6	4	13 3/4"	13 3/4"	8"	8"	18	18'-0"	18	18'-0"	2	2'-0"	4	9"	18'-11"	4	9"	20'-4"	--	--	----	----	4	9"	2'-8 3/8"	3'-7 3/4"	6'-1"	4	12"	6'-0"	4	12"	6'-0"
6	5	13 3/4"	13 3/4"	8"	8"	18	18'-0"	18	18'-0"	3	3'-0"	4	10"	18'-11"	5	10"	20'-4"	--	--	----	----	4	10"	2'-8 3/8"	4'-1 3/4"	6'-7"	4	12"	7'-0"	4	12"	7'-0"
6	6	13 3/4"	13 3/4"	8"	8"	18	18'-0"	18	18'-0"	4	4'-0"	4	10"	18'-11"	5	10"	20'-4"	--	--	----	----	4	10"	2'-8 3/8"	4'-7 3/4"	7'-1"	4	12"	8'-0"	4	12"	8'-0"
6	7	13 3/4"	13 3/4"	8"	8"	18	18'-0"	18	18'-0"	5	5'-0"	4	10"	18'-11"	5	10"	20'-4"	3	10"	2'-8 3/8"	5'-2"	4	10"	2'-8 3/8"	5'-1 3/4"	7'-7"	4	9"	9'-0"	4	12"	9'-0"
6	8	13 1/2"	13 1/2"	8"	8"	18	18'-0"	18	18'-0"	6	6'-0"	4	9"	18'-11"	4	9"	20'-4"	--	--	----	----	5	9"	2'-8 3/8"	5'-7 1/2"	8'-0"	5	9 1/2"	9'-11"	4	12"	9'-11"
7	4	15 3/4"	15 3/4"	8"	8"	21	21'-0"	21	21'-0"	2	2'-0"	5	9"	21'-6"	5	9"	23'-4"	--	--	----	----	4	9"	2'-10 3/4"	3'-9 3/4"	6'-5"	4	12"	6'-3"	4	12"	6'-3"
7	6	15 3/4"	15 3/4"	8"	8"	21	21'-0"	21	21'-0"	4	4'-0"	5	9"	21'-6"	5	9"	23'-4"	--	--	----	----	4	9"	2'-10 3/4"	4'-9 3/4"	7'-5"	4	12"	8'-3"	4	12"	8'-3"
7	8	15 3/4"	15 3/4"	8"	8"	21	21'-0"	21	21'-0"	6	6'-0"	5	9"	21'-6"	5	9"	23'-4"	4	9"	2'-10 3/4"	5'-6"	4	9"	2'-10 3/4"	5'-9 3/4"	8'-5"	4	6"	10'-3"	4	12"	10'-3"
7	10	15 3/4"	15 3/4"	8 1/2"	8"	21	21'-0"	21	21'-0"	8	8'-0"	5	9"	21'-6"	5	9"	23'-5"	3	9"	2'-11 1/4"	5'-8"	5	9"	2'-11 1/4"	6'-9 3/4"	9'-5"	5	6 1/2"	12'-3"	4	12"	12'-3"
8	4	17 3/4"	17 3/4"	8"	8"	24	24'-0"	24	24'-0"	2	2'-0"	5	8"	24'-2"	5	8"	26'-4"	--	--	----	----	4	8"	3'-1 1/4"	3'-11 3/4"	6'-10"	4	12"	6'-7"	4	10 1/2"	6'-7"
8	6	17 3/4"	17 3/4"	8"	8"	24	24'-0"	24	24'-0"	4	4'-0"	5	8"	24'-2"	5	8"	26'-4"	--	--	----	----	4	8"	3'-1 1/4"	4'-11 3/4"	7'-10"	4	12"	8'-7"	4	10 1/2"	8'-7"
8	8	18"	18"	8"	8"	24	24'-0"	24	24'-0"	6	6'-0"	5	8"	24'-2"	5	8"	26'-4"	3	8"	3'-1 1/4"	6'-0"	4	8"	3'-1 1/4"	6'-0"	8'-10"	4	6"	10'-8"	4	10 1/2"	10'-8"
8	10	18"	18"	8 1/2"	8"	24	24'-0"	24	24'-0"	8	8'-0"	5	8"	24'-2"	5	8"	26'-5"	3	8"	3'-1 3/4"	6'-1"	5	8"	3'-1 3/4"	7'-0"	9'-10"	6	9"	12'-8"	4	10 1/2"	12'-8"
9	4	19 3/4"	19 3/4"	8"	8"	27	27'-0"	27	27'-0"	2	2'-0"	6	9"	26'-9"	6	9"	29'-4"	--	--	----	----	4	9"	3'-3 5/8"	4'-1 3/4"	7'-2"	4	12"	7'-0"	4	10"	7'-0"
9	6	19 3/4"	19 3/4"	8"	8"	27	27'-0"	27	27'-0"	4	4'-0"	6	9"	26'-9"	6	9"	29'-4"	--	--	----	----	4	9"	3'-3 5/8"	5'-1 3/4"	8'-2"	4	12"	9'-0"	4	10"	9'-0"
9	8	19 3/4"	19 3/4"	8"	8"	27	27'-0"	27	27'-0"	6	6'-0"	6	9"	26'-9"	6	9"	29'-4"	--	--	----	----	5	9"	3'-3 5/8"	6'-1 3/4"	9'-1"	4	6"	11'-0"	4	10"	11'-0"
9	10	19 1/2"	19 1/2"	8 1/2"	8"	27	27'-0"	27	27'-0"	8	8'-0"	6	9"	26'-9"	6	9"	29'-5"	--	--	----	----	6	9"	3'-4 1/8"	7'-1 1/2"	10'-1"	6	9"	12'-11"	4	10"	12'-11"
9	12	19 3/4"	19 3/4"	10"	8"	27	27'-0"	27	27'-0"	10	10'-0"	6	9"	26'-9"	6	9"	29'-8"	--	--	----	----	7	9"	3'-5 5/8"	8'-1 3/4"	11'-2"	5	5 1/2"	15'-0"	4	10"	15'-0"
10	4	22"	22"	8"	8"	30	30'-0"	30	30'-0"	2	2'-0"	6	9"	29'-4"	6	9"	32'-4"	--	--	----	----	4	9"	3'-6"	4'-4"	7'-7"	4	12"	7'-4"	4	10"	7'-4"
10	6	22"	22"	8"	8"	30	30'-0"	30	30'-0"	4	4'-0"	6	9"	29'-4"	6	9"	32'-4"	--	--	----	----	4	9"	3'-6"	5'-4"	8'-7"	4	12"	9'-4"	4	10"	9'-4"
10	8	22"	22"	8"	8"	30	30'-0"	30	30'-0"	6	6'-0"	6	9"	29'-4"	6	9"	32'-4"	--	--	----	----	5	9"	3'-6"	6'-4"	9'-6"	4	6"	11'-4"	4	10"	11'-4"
10	10	22"	22"	8 1/2"	8"	30	30'-0"	30	30'-0"	8	8'-0"	7	9"	29'-4"	6	9"	32'-5"	--	--	----	----	6	9"	3'-6 1/2"	7'-4"	10'-6"	4	4"	13'-4"	4	10"	13'-4"
10	12	22 1/4"	22 1/4"	10"	8"	30	30'-0"	30	30'-0"	10	10'-0"	6	9"	29'-4"	6	9"	32'-8"	3	9"	3'-8"	7'-2"	6	9"	3'-8"	8'-4 1/4"	11'-7"	6	7 1/2"	15'-4"	4	10"	15'-4"
12	6	25 1/2"	25 1/2"	8"	8"	36	36'-0"	36	36'-0"	4	4'-0"	6	8"	34'-6"	6	8"	38'-4"	--	--	----	----	4	8"	3'-10 3/4"	5'-7 1/2"	9'-3"	4	12"	9'-11"	4	9 1/2"	9'-11"
12	8	25 1/2"	25 1/2"	8"	8"	36	36'-0"	36	36'-0"	6	6'-0"	6	8"	34'-6"	6	8"	38'-4"	3	8"	3'-10 3/4"	7'-7"	4	8"	3'-10 3/4"	6'-7 1/2"	10'-3"	5	9"	11'-11"	4	9 1/2"	11'-11"
12	10	25 3/4"	25 3/4"	8 1/2"	8"	36	36'-0"	36	36'-0"	8	8'-0"	6	8"	34'-6"	6	8"	38'-5"	3	8"	3'-11 1/4"	7'-8"	5	8"	3'-11 1/4"	7'-7 3/4"	11'-3"	7	11 1/2"	13'-11"	4	9 1/2"	13'-11"
12	12	25 3/4"	25 3/4"	10"	8"	36	36'-0"	36	36'-0"	10	10'-0"	6	8"	34'-6"	6	8"	38'-8"	4	8"	4'-3 3/4"	7'-10"	5	8"	4'-3 3/4"	8'-7 3/4"	12'-5"	7	10"	15'-11"	4	9"	15'-11"

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

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ROAD AND BRIDGE STANDARDS

SHEET 1 OF 2      REVISION DATE

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**TRIPLE BOX CULVERTS**  
35 TO 40 FT. FILLS  
VIRGINIA DEPARTMENT OF TRANSPORTATION

SPECIFICATION REFERENCE