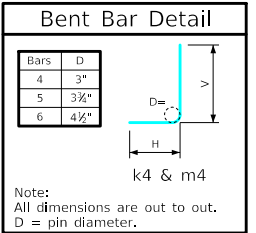


Variable Dimensions and Quantities for Triple 10' x 8' Barrel Sections

Dimensions														Bar List																																											
Fill	S	H	A	B	C	D	E	R	T	U	W	X	Z	a1			a2			b1			b2			e1			e2			f1			f2			k1			k2			k3			k4			k6			k7				
														Size	Sp.	L	Size	Sp.	L	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.	No.	Size	Sp.
0	10	8	13	11	9	9	9	0'-0	0'-0	6'-2	2'-5	4'-2	3'-9	5	12	9'-11	6	9	9'-11	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	6	18	32'-8	5	18	10'-9	4	18	10'-9	4	6	9'-6	6'-5	3'-2	4	12	32'-8	4	12	12'-4
1	10	8	12.5	10.5	9	6	9	0'-10	0'-2	6'-2	2'-9	3'-8	3'-11	4	6	9'-10	6	9	9'-10	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	6	18	32'-8	5	18	10'-9	4	18	9'-1	4	6	9'-6	6'-5	3'-1	4	12	32'-8	4	12	12'-4
2	10	8	9	10	9	6	9	2'-2	1'-9	5'-9	2'-2	4'-2	3'-6	4	6	9'-6	6	9	9'-6	4	6	32	4	6	34	5	12	27	4	18	24	4	12	33	4	18	24	5	9	32'-8	4	9	8'-1	4	9	6'-5	5	6	7'-5	4'-3	3'-2	5	18	32'-8	7	18	12'-6
3-6	10	8	8	10	9	6	9	1'-11	1'-7	4'-2	2'-2	4'-2	3'-8	4	6	9'-5	6	9	9'-5	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	5	12	32'-8	5	12	8'-5	4	12	6'-11	5	6	6'-10	3'-9	3'-1	5	12	32'-8	5	12	8'-11
7-8	10	8	8	10	9	9	9	2'-11	2'-2	3'-6	3'-1	4'-2	3'-6	4	12	9'-5	6	9	9'-5	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	5	12	32'-8	5	12	7'-5	4	12	4'-11	5	6	6'-2	3'-1	3'-1	5	12	32'-8	6	12	7'-2
9-10	10	8	9	11	9	9	9	3'-1	1'-10	3'-4	2'-9	4'-2	3'-3	4	12	9'-7	6	9	9'-7	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	5	12	32'-8	5	12	8'-2	4	12	4'-7	5	6	6'-4	3'-2	3'-2	5	12	32'-8	6	12	6'-11
11-12	10	8	9.5	11.5	9	9	9	4'-2	2'-6	3'-5	2'-7	4'-2	3'-2	4	12	9'-8	6	9	9'-8	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	5	9	32'-8	4	9	7'-0	4	9	2'-5	5	6	6'-4	3'-2	3'-2	4	12	32'-8	7	12	7'-1
13-15	10	8	11.5	14	9	9	9	3'-2	1'-7	3'-3	2'-2	3'-6	3'-5	4	12	10'-0	6	9	10'-0	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	5	12	32'-8	5	12	8'-10	4	12	4'-5	5	6	6'-4	2'-11	3'-5	5	12	32'-8	6	12	6'-10
16-17	10	8	12.5	15	9	9	9	3'-5	2'-1	3'-4	2'-0	3'-5	3'-5	4	12	10'-2	6	9	10'-2	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	5	9	32'-8	4	9	8'-2	4	9	3'-11	5	6	6'-5	2'-11	3'-6	4	12	32'-8	7	12	7'-0
18-19	10	8	13.5	15.5	9	9	9	3'-4	1'-11	3'-4	2'-0	3'-4	3'-4	4	12	10'-4	6	9	10'-4	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	5	9	32'-8	4	9	8'-7	4	9	4'-1	5	6	6'-5	2'-11	3'-6	4	12	32'-8	7	12	7'-1
20-21	10	8	14.5	16.5	9.5	9	6	3'-3	1'-8	3'-4	1'-7	3'-3	3'-5	4	12	10'-6	5	6	10'-6	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	5	9	32'-10	4	9	9'-4	4	9	4'-4	6	9	7'-0	3'-0	4'-0	5	12	32'-10	6	12	7'-2
22-23	10	8	15.5	17.5	10	6	9	4'-2	1'-4	3'-5	1'-5	3'-10	3'-6	4	6	10'-8	7	9	10'-8	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	5	9	33'-0	4	9	9'-9	4	9	2'-6	6	12	7'-2	3'-1	4'-1	4	12	33'-0	7	12	7'-4
24-25	10	8	16.5	18.5	10	6	9	3'-1	0'-11	3'-6	1'-3	3'-10	3'-7	4	6	10'-10	7	9	10'-10	4	6	32	4	6	34	4	12	27	4	18	24	4	12	33	4	18	24	7	18	33'-0	6	18	10'-2	4	18	4'-8	6	12	7'-4	3'-2	4'-2	4	12	33'-0	7	12	7'-6

Fill	Bar List												Quantities					Steel (LB/FT)													
	k9	m1		m2		m3		m4			m6		m7		m9		Concrete (CY/FT)														
Size	Sp.	L	Size	Sp.	L	Size	Sp.	L	Size	Sp.	L	L	H	V	Size	Sp.	L	Size	Sp.	L	Size	Sp.	L	Size	Sp.	L	Slab	Floor	Walls	Total	
0	4	4.5	32'-8	5	12	33'-2	4	12	7'-1	4	12	2'-5	4	6	14'-6	6'-2	8'-4	4	9	33'-2	4	9	7'-6	4	4.5	33'-2	1,405	1,219	0,840	3,464	428.50
1	4	4.5	32'-8	5	12	33'-2	4	12	6'-8	4	12	3'-5	4	6	13'-11	5'-7	8'-4	5	18	33'-2	7	18	7'-10	7	4.5	33'-2	1,354	1,167	0,840	3,361	437.13
2	7	4.5	32'-8	5	12	33'-2	5	12	7'-6	4	12	2'-5	4	6	12'-5	4'-2	8'-3	5	12	33'-2	5	12	7'-2	5	4.5	33'-2	0,998	1,115	0,840	2,953	467.29
3-6	5	4.5	32'-8	5	12	33'-2	5	12	7'-6	4	12	2'-5	4	6	11'-10	3'-7	8'-3	4	12	33'-2	6	12	7'-6	7	4.5	33'-2	0,896	1,115	0,840	2,851	455.11
7-8	6	4.5	32'-8	5	9	33'-2	4	9	5'-9	4	9	2'-5	5	6	11'-4	3'-1	8'-3	4	12	33'-2	7	12	7'-1	7	4.5	33'-2	0,896	1,115	0,840	2,851	469.42
9-10	6	4.5	32'-8	5	9	33'-2	4	9	6'-6	4	9	2'-5	5	6	11'-4	3'-0	8'-4	5	12	33'-2	6	12	6'-9	6	4.5	33'-2	0,998	1,219	0,840	3,057	474.79
11-12	7	4.5	32'-8	6	12	33'-2	5	12	7'-2	4	12	2'-5	5	6	11'-4	2'-11	8'-5	5	9	33'-2	5	9	6'-6	5	4.5	33'-2	1,049	1,270	0,840	3,159	493.92
13-15	6	4.5	32'-8	5	9	33'-2	4	9	8'-1	4	9	3'-9	5	6	11'-7	3'-0	8'-7	5	18	33'-2	8	18	7'-3	8	4.5	33'-2	1,252	1,529	0,840	3,621	481.29
16-17	7	4.5	32'-8	5	9	33'-2	4	9	8'-6	4	9	3'-11	5	6	11'-8	3'-0	8'-8	5	18	33'-2	8	18	7'-3	8	4.5	33'-2	1,354	1,632	0,840	3,826	489.00
18-19	7	4.5	32'-8	6	12	33'-2	5	12	8'-6	4	12	4'-1	5	6	11'-9	3'-0	8'-9	5	12	33'-2	6	12	7'-2	6	4.5	33'-2	1,456	1,684	0,840	3,960	501.34
20-21	6	4.5	32'-10	6	12	33'-4	5	12	9'-5	4	12	4'-4	6	9	11'-11	3'-1	8'-10	4	12	33'-4	7	12	7'-4	7	4.5	33'-4	1,568	1,798	0,887	4,253	511.37
22-23	7	4.5	33'-0	6	12	33'-6	5	12	9'-8	4	12	3'-2	6	12	12'-1	3'-2	8'-11	4	12	33'-6	7	12	7'-6	7	4.5	33'-6	1,682	1,913	0,934	4,529	521.58
24-25	7	4.5	33'-0	6	12	33'-6	5	12	9'-10	4	12	3'-2	6	12	12'-3	3'-3	9'-0	4	12	33'-6	7	12	7'-8	7	4.5	33'-6	1,784	2,017	0,934	4,735	531.82



Notes:

- Dimensions listed on this sheet to be used in conjunction with Sheet TRRCB G3-20.
- Fill, dimensions "S" and "H" are in feet.
- Dimensions "A", "B", "C", "D", and "Sp." listed in the bar list are in inches.
- Dimensions "L", "H", "V" are in feet and inches.

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER	Standard Design Triple Reinforced Concrete Box Culverts July, 2020
		Culvert Barrel Details 10' x 8' Barrel Sections
		TRRCB 10-8-20 Sheet 2 of 2