

Dimension Table

S x H	16' x 14'	16' x 13'	16' x 12'	16' x 11'	16' x 10'	16' x 9'	16' x 8'	16' x 7'	16' x 6'	16' x 5'	16' x 4'	14' x 14'	14' x 13'	14' x 12'	14' x 11'	14' x 10'	14' x 9'	14' x 8'	14' x 7'	14' x 6'	14' x 5'	14' x 4'	12' x 12'	12' x 11'	12' x 10'	12' x 9'	12' x 8'	12' x 7'	12' x 6'	12' x 5'	12' x 4'	S x H
A	43'-0	40'-0	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	43'-0	40'-0	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	A
B	14'-4	13'-4	12'-4	11'-4	10'-4	9'-4	8'-4	7'-4	6'-4	5'-4	4'-4	14'-4	13'-4	12'-4	11'-4	10'-4	9'-4	8'-4	7'-4	6'-4	5'-4	4'-4	12'-4	11'-4	10'-4	9'-4	8'-4	7'-4	6'-4	5'-4	4'-4	B
C	28'-8	26'-8	24'-8	22'-8	20'-8	18'-8	16'-8	14'-8	12'-8	10'-8	8'-8	28'-8	26'-8	24'-8	22'-8	20'-8	18'-8	16'-8	14'-8	12'-8	10'-8	8'-8	24'-8	22'-8	20'-8	18'-8	16'-8	14'-8	12'-8	10'-8	8'-8	C
CI	29'-8 1/2	27'-7 1/2	25'-6 1/2	23'-5 1/2	21'-4 1/2	19'-3 1/2	17'-3	15'-2 1/2	13'-1 1/2	11'-0 1/2	8'-11 1/2	29'-8 1/2	27'-7 1/2	25'-6 1/2	23'-5 1/2	21'-4 1/2	19'-3 1/2	17'-3	15'-2 1/2	13'-1 1/2	11'-0 1/2	8'-11 1/2	25'-6 1/2	23'-5 1/2	21'-4 1/2	19'-3 1/2	17'-3	15'-2 1/2	13'-1 1/2	11'-0 1/2	8'-11 1/2	CI
DL	11'-11 1/2	11'-1 1/2	10'-3 1/2	9'-5 1/2	8'-7 1/2	7'-9 1/2	6'-11 1/2	6'-1 1/2	5'-3 1/2	4'-5 1/2	3'-7 1/2	11'-11 1/2	11'-1 1/2	10'-3 1/2	9'-5 1/2	8'-7 1/2	7'-9 1/2	6'-11 1/2	6'-1 1/2	5'-3 1/2	4'-5 1/2	3'-7 1/2	10'-3 1/2	9'-5 1/2	8'-7 1/2	7'-9 1/2	6'-11 1/2	6'-1 1/2	5'-3 1/2	4'-5 1/2	3'-7 1/2	DL
DS	10'-5 1/2	9'-8 1/2	8'-11 1/2	8'-3	7'-6 1/2	6'-9 1/2	6'-0 1/2	5'-4	4'-7 1/2	3'-10 1/2	3'-1 1/2	10'-5 1/2	9'-8 1/2	8'-11 1/2	8'-3	7'-6 1/2	6'-9 1/2	6'-0 1/2	5'-4	4'-7 1/2	3'-10 1/2	3'-1 1/2	8'-11 1/2	8'-3	7'-6 1/2	6'-9 1/2	6'-0 1/2	5'-4	4'-7 1/2	3'-10 1/2	3'-1 1/2	DS
D1	23'-10 1/2	22'-2 1/2	20'-6 1/2	18'-10 1/2	17'-2 1/2	15'-6 1/2	13'-10 1/2	12'-2 1/2	10'-6 1/2	8'-10 1/2	7'-2 1/2	23'-10 1/2	22'-2 1/2	20'-6 1/2	18'-10 1/2	17'-2 1/2	15'-6 1/2	13'-10 1/2	12'-2 1/2	10'-6 1/2	8'-10 1/2	7'-2 1/2	20'-6 1/2	18'-10 1/2	17'-2 1/2	15'-6 1/2	13'-10 1/2	12'-2 1/2	10'-6 1/2	8'-10 1/2	7'-2 1/2	D1
D2	8'	8'	7 1/2	6'	6'	5'	5	4 1/2	3'	3'	2'	8'	8'	7 1/2	6'	6'	5'	5	4 1/2	3'	3'	2'	7'	6'	6'	5'	5	4 1/2	3'	3'	2'	D2
E	38'-4 1/2	36'-9 1/2	35'-2 1/2	33'-8 1/2	32'-1 1/2	30'-6 1/2	29'-0	27'-5 1/2	25'-10 1/2	24'-3 1/2	22'-9 1/2	36'-4 1/2	34'-9 1/2	33'-2 1/2	31'-8 1/2	30'-1 1/2	28'-6 1/2	27'-0	25'-5 1/2	23'-10 1/2	22'-3 1/2	20'-9 1/2	31'-2 1/2	29'-8 1/2	28'-1 1/2	26'-6 1/2	25'-0	23'-5 1/2	21'-10 1/2	20'-3 1/2	18'-9 1/2	E
E1	39'-8 1/2	38'-1 1/2	36'-5 1/2	34'-10 1/2	33'-3	31'-7 1/2	30'-0 1/2	28'-4 1/2	26'-9 1/2	25'-2 1/2	23'-6 1/2	37'-7 1/2	36'-0 1/2	34'-5	32'-9 1/2	31'-2 1/2	29'-6 1/2	27'-11 1/2	26'-4	24'-8 1/2	23'-1 1/2	21'-5 1/2	32'-4 1/2	30'-8 1/2	29'-1 1/2	27'-6	25'-10 1/2	24'-3 1/2	22'-7 1/2	21'-0 1/2	19'-5	E1
FL	12'-3 1/2	11'-5 1/2	10'-7 1/2	9'-9 1/2	8'-11 1/2	8'-1 1/2	7'-3 1/2	6'-5 1/2	5'-7 1/2	4'-9 1/2	3'-11 1/2	12'-3 1/2	11'-5 1/2	10'-7 1/2	9'-9 1/2	8'-11 1/2	8'-1 1/2	7'-3 1/2	6'-5 1/2	5'-7 1/2	4'-9 1/2	3'-11 1/2	10'-7 1/2	9'-9 1/2	8'-11 1/2	8'-1 1/2	7'-3 1/2	6'-5 1/2	5'-7 1/2	4'-9 1/2	3'-11 1/2	FL
F5	10'-9 1/2	10'-0 1/2	9'-3 1/2	8'-7	7'-10 1/2	7'-1 1/2	6'-4 1/2	5'-8	4'-11 1/2	4'-2 1/2	3'-5 1/2	10'-9 1/2	10'-0 1/2	9'-3 1/2	8'-7	7'-10 1/2	7'-1 1/2	6'-4 1/2	5'-8	4'-11 1/2	4'-2 1/2	3'-5 1/2	9'-3 1/2	8'-7	7'-10 1/2	7'-1 1/2	6'-4 1/2	5'-8	4'-11 1/2	4'-2 1/2	3'-5 1/2	F5
F1	16'-6 1/2	15'-4 1/2	14'-3 1/2	13'-1 1/2	12'-0 1/2	10'-10 1/2	9'-9 1/2	8'-7 1/2	7'-6	6'-4 1/2	5'-2 1/2	16'-6 1/2	15'-4 1/2	14'-3 1/2	13'-1 1/2	12'-0 1/2	10'-10 1/2	9'-9 1/2	8'-7 1/2	7'-6	6'-4 1/2	5'-2 1/2	14'-3 1/2	13'-1 1/2	12'-0 1/2	10'-10 1/2	9'-9 1/2	8'-7 1/2	7'-6	6'-4 1/2	5'-2 1/2	F1
F2	7'-3 1/2	6'-9 1/2	6'-4	5'-10 1/2	5'-4 1/2	4'-10 1/2	4'-4 1/2	3'-10 1/2	3'-5	2'-11 1/2	2'-5 1/2	7'-3 1/2	6'-9 1/2	6'-4	5'-10 1/2	5'-4 1/2	4'-10 1/2	4'-4 1/2	3'-10 1/2	3'-5	2'-11 1/2	2'-5 1/2	6'-4	5'-10 1/2	5'-4 1/2	4'-10 1/2	4'-4 1/2	3'-10 1/2	3'-5	2'-11 1/2	2'-5 1/2	F2
G	15'-4	15'-4	15'-4	15'-4	15'-4	15'-4	15'-4	15'-4	15'-4	15'-4	15'-4	13'-4	13'-4	13'-4	13'-4	13'-4	13'-4	13'-4	13'-4	13'-4	13'-4	13'-4	13'-4	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	G
G1	15'-10 1/2	15'-10 1/2	15'-10 1/2	15'-10 1/2	15'-10 1/2	15'-10 1/2	15'-10 1/2	15'-10 1/2	15'-10 1/2	15'-10 1/2	15'-10 1/2	13'-9 1/2	13'-9 1/2	13'-9 1/2	13'-9 1/2	13'-9 1/2	13'-9 1/2	13'-9 1/2	13'-9 1/2	13'-9 1/2	13'-9 1/2	13'-9 1/2	11'-8 1/2	11'-8 1/2	11'-8 1/2	11'-8 1/2	11'-8 1/2	11'-8 1/2	11'-8 1/2	11'-8 1/2	G1	
G2	17'-1 1/2	17'-1 1/2	17'-1 1/2	17'-1 1/2	17'-1 1/2	17'-1 1/2	17'-1 1/2	17'-1 1/2	17'-1 1/2	17'-1 1/2	17'-1 1/2	15'-0 1/2	15'-0 1/2	15'-0 1/2	15'-0 1/2	15'-0 1/2	15'-0 1/2	15'-0 1/2	15'-0 1/2	15'-0 1/2	15'-0 1/2	15'-0 1/2	14'-11 1/2	12'-11 1/2	12'-11 1/2	12'-11 1/2	12'-11 1/2	12'-11 1/2	12'-11 1/2	12'-11 1/2	G2	
G3	21'-10 1/2	20'-4 1/2	18'-10 1/2	17'-4 1/2	15'-10 1/2	14'-4 1/2	12'-10 1/2	11'-3 1/2	9'-9 1/2	8'-3 1/2	6'-9 1/2	21'-10 1/2	20'-4 1/2	18'-10 1/2	17'-4 1/2	15'-10 1/2	14'-4 1/2	12'-10 1/2	11'-3 1/2	9'-9 1/2	8'-3 1/2	6'-9 1/2	18'-10 1/2	17'-4 1/2	15'-10 1/2	14'-4 1/2	12'-10 1/2	11'-3 1/2	9'-9 1/2	8'-3 1/2	6'-9 1/2	G3
G4	22'-9 1/2	21'-0 1/2	19'-6 1/2	17'-9 1/2	16'-0 1/2	14'-6 1/2	13'-0 1/2	11'-3 1/2	9'-9 1/2	8'-3 1/2	6'-9 1/2	22'-9 1/2	21'-0 1/2	19'-6 1/2	17'-9 1/2	16'-0 1/2	14'-6 1/2	13'-0 1/2	11'-3 1/2	9'-9 1/2	8'-3 1/2	6'-9 1/2	19'-6 1/2	17'-9 1/2	16'-0 1/2	14'-6 1/2	13'-0 1/2	11'-3 1/2	9'-9 1/2	8'-3 1/2	6'-9 1/2	G4
G5	16'-1	14'-11 1/2	13'-10 1/2	12'-9	11'-7 1/2	10'-6 1/2	9'-5	8'-3 1/2	7'-2 1/2	6'-1	4'-11 1/2	16'-1	14'-11 1/2	13'-10 1/2	12'-9	11'-7 1/2	10'-6 1/2	9'-5	8'-3 1/2	7'-2 1/2	6'-1	4'-11 1/2	13'-10 1/2	12'-9	11'-7 1/2	10'-6 1/2	9'-5	8'-3 1/2	7'-2 1/2	6'-1	4'-11 1/2	G5
G6	17'-6 1/2	16'-0 1/2	14'-11 1/2	13'-7 1/2	12'-4 1/2	11'-3 1/2	10'-1 1/2	8'-10 1/2	7'-9 1/2	6'-7 1/2	5'-6 1/2	17'-6 1/2	16'-0 1/2	14'-11 1/2	13'-7 1/2	12'-4 1/2	11'-3 1/2	10'-1 1/2	8'-10 1/2	7'-9 1/2	6'-7 1/2	5'-6 1/2	14'-11 1/2	13'-7 1/2	12'-4 1/2	11'-3 1/2	10'-1 1/2	8'-10 1/2	7'-9 1/2	6'-7 1/2	5'-6 1/2	G6
G7	--	2'	2'	5'	8'	8'	10'	10'	10'	10'	10'	--	2'	2'	5'	8'	8'	10'	10'	10'	10'	10'	2'	5'	8'	8'	10'	10'	10'	10'	10'	G7
G8	--	3 1/2	3 1/2	5'	7 1/2	7 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	--	3 1/2	3 1/2	5'	7 1/2	7 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	3 1/2	5'	7 1/2	7 1/2	9 1/2	9 1/2	9 1/2	9 1/2	9 1/2	G8
PL	49'-2 1/2	45'-9	42'-3 1/2	38'-10 1/2	35'-5 1/2	32'-0 1/2	28'-7 1/2	25'-2	21'-8 1/2	18'-3 1/2	14'-10 1/2	49'-2 1/2	45'-9	42'-3 1/2	38'-10 1/2	35'-5 1/2	32'-0 1/2	28'-7 1/2	25'-2	21'-8 1/2	18'-3 1/2	14'-10 1/2	42'-3 1/2	38'-10 1/2	35'-5 1/2	32'-0 1/2	28'-7 1/2	25'-2	21'-8 1/2	18'-3 1/2	14'-10 1/2	PL
PS	43'-0 1/2	40'-0 1/2	37'-0 1/2	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	43'-0 1/2	40'-0 1/2	37'-0 1/2	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	37'-0 1/2	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	PS
RL	51'-2 1/2	47'-7 1/2	44'-1	40'-6 1/2	36'-11 1/2	33'-4 1/2	29'-9 1/2	26'-2 1/2	22'-7 1/2	19'-0 1/2	15'-5 1/2	51'-2 1/2	47'-7 1/2	44'-1	40'-6 1/2	36'-11 1/2	33'-4 1/2	29'-9 1/2	26'-2 1/2	22'-7 1/2	19'-0 1/2	15'-5 1/2	44'-1	40'-6 1/2	36'-11 1/2	33'-4 1/2	29'-9 1/2	26'-2 1/2	22'-7 1/2	19'-0 1/2	15'-5 1/2	RL
RS	45'-4	42'-2	39'-0 1/2	35'-10 1/2	32'-8 1/2	29'-6 1/2	26'-4 1/2	23'-2 1/2	20'-0 1/2	16'-10 1/2	13'-8 1/2	45'-4	42'-2	39'-0 1/2	35'-10 1/2	32'-8 1/2	29'-6 1/2	26'-4 1/2	23'-2 1/2	20'-0 1/2	16'-10 1/2	13'-8 1/2	39'-0 1/2	35'-10 1/2	32'-8 1/2	29'-6 1/2	26'-4 1/2	23'-2 1/2	20'-0 1/2	16'-10 1/2	13'-8 1/2	RS
S1	16'-6 1/2	16'-6 1/2	16'-6 1/2	16'-6 1/2	16'-6 1/2	16'-6 1/2	16'-6 1/2	16'-6 1/2	16'-6 1/2	16'-6 1/2	16'-6 1/2	14'-5 1/2	14'-5 1/2	14'-5 1/2	14'-5 1/2	14'-5 1/2	14'-5 1/2	14'-5 1/2	14'-5 1/2	14'-5 1/2	14'-5 1/2	14'-5 1/2	12'-5 1/2	12'-5 1/2	12'-5 1/2	12'-5 1/2	12'-5 1/2	12'-5 1/2	12'-5 1/2	12'-5 1/2	S1	
T	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	T
U	1'-2	1'-0	1'-0	11	10	10	9	9	9	9	9	1'-2	1'-0	1'-0	11	10	10	9	9	9	9	9	1'-0	11	10	10	9	9	9	9	U	
W	5'-6	5'-3	5'-0	4'-9	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	3'-6	5'-6	5'-3	5'-0	4'-9	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	3'-6	5'-0	4'-9	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	W	

Notes:

1. See Sheet FWH G2-21 for General Notes, Specifications, and Design Stresses.
2. See Sheet FWH 15-1-21 and sheets FWH 15-3-21 thru 15-5-21 for location of certain dimensions tabulated.
3. Dimensions are in feet and inches unless otherwise noted.

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER	 Standard Design - Single Reinforced Concrete Box Culverts	
		Flared Wing Headwalls February, 2021	
		Dimension Table 15° Skew	FWH 15-2-21 Sheet 1 of 2