

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
D	10'-9	10'-0	9'-3	8'-6	7'-9	7'-0	6'-3	5'-6	4'-9	4'-0	3'-3	10'-9	10'-0	9'-3	8'-6	7'-9	7'-0	6'-3	5'-6	4'-9	4'-0	3'-3	9'-3	8'-6	7'-9	7'-0	6'-3	5'-6	4'-9	4'-0	3'-3	D
E	37'-6	36'-0	34'-6	33'-0	31'-6	30'-0	28'-6	27'-0	25'-6	24'-0	22'-6	35'-6	34'-0	32'-6	31'-0	29'-6	28'-0	26'-6	25'-0	23'-6	22'-0	20'-6	30'-6	29'-0	27'-6	26'-0	24'-6	23'-0	21'-6	20'-0	18'-6	E
F	11'-1	10'-4	9'-7	8'-10	8'-1	7'-4	6'-7	5'-10	5'-1	4'-4	3'-7	11'-1	10'-4	9'-7	8'-10	8'-1	7'-4	6'-7	5'-10	5'-1	4'-4	3'-7	9'-7	8'-10	8'-1	7'-4	6'-7	5'-10	5'-1	4'-4	3'-7	F
G1	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	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	G1
G2	16'-6½	16'-6½	16'-6½	16'-6½	16'-6½	16'-6½	16'-6½	16'-6½	16'-6½	16'-6½	16'-6½	14'-6½	14'-6½	14'-6½	14'-6½	14'-6½	14'-6½	14'-6½	14'-6½	14'-6½	14'-6½	14'-6½	12'-6½	12'-6½	12'-6½	12'-6½	12'-6½	12'-6½	12'-6½	12'-6½	12'-6½	G2
G3	18'-1½	16'-10½	15'-7½	14'-4½	13'-1½	11'-10½	10'-7½	9'-4½	8'-1½	6'-10½	5'-7½	18'-1½	16'-10½	15'-7½	14'-4½	13'-1½	11'-10½	10'-7½	9'-4½	8'-1½	6'-10½	5'-7½	15'-7½	14'-4½	13'-1½	11'-10½	10'-7½	9'-4½	8'-1½	6'-10½	5'-7½	G3
G4	19'-3½	17'-8½	16'-5½	15'-0½	13'-7	12'-4	11'-1½	9'-7½	8'-4½	7'-1½	5'-11	19'-3½	17'-8½	16'-5½	15'-0½	13'-7	12'-4	11'-1½	9'-7½	8'-4½	7'-1½	5'-11	16'-5½	15'-0½	13'-7	12'-4	11'-1½	9'-7½	8'-4½	7'-1½	5'-11	G4
G5	--	3%	3%	5%	7%	7%	7%	9%	9%	9%	9%	--	3%	3%	5%	7%	7%	9%	9%	9%	9%	3%	5%	7%	7%	9%	9%	9%	9%	9%	9%	G5
P	44'-3½	41'-2½	38'-1½	35'-0½	31'-11½	28'-10½	25'-9½	22'-8½	19'-7	16'-5½	13'-4½	44'-3½	41'-2½	38'-1½	35'-0½	31'-11½	28'-10½	25'-9½	22'-8½	19'-7	16'-5½	13'-4½	38'-1½	35'-0½	31'-11½	28'-10½	25'-9½	22'-8½	19'-7	16'-5½	13'-4½	P
R	46'-7	43'-4	40'-1	36'-10	33'-7	30'-4	27'-1	23'-10	20'-7	17'-4	14'-1	46'-7	43'-4	40'-1	36'-10	33'-7	30'-4	27'-1	23'-10	20'-7	17'-4	14'-1	40'-1	36'-10	33'-7	30'-4	27'-1	23'-10	20'-7	17'-4	14'-1	R
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	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-2	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	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	3'-6	W

Dimension Table

S x H	10' x 12'	10' x 11'	10' x 10'	10' x 9'	10' x 8'	10' x 7'	10' x 6'	10' x 5'	10' x 4'	8' x 10'	8' x 9'	8' x 8'	8' x 7'	8' x 6'	8' x 5'	8' x 4'	6' x 8'	6' x 7'	6' x 6'	6' x 5'	6' x 4'	6' x 3'	5' x 6'	5' x 5'	5' x 4'	5' x 3'	4' x 4'	3' x 3'	S x H		
A	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	25'-0	22'-0	19'-0	16'-0	13'-0	10'-0	19'-0	16'-0	13'-0	10'-0	10'-0	10'-0	A		
B	12'-4	11'-4	10'-4	9'-4	8'-4	7'-4	6'-4	5'-4	4'-4	10'-4	9'-4	8'-4	7'-4	6'-4	5'-4	4'-4	8'-4	7'-4	6'-4	5'-4	4'-4	3'-4	6'-4	5'-4	4'-4	3'-4	3'-4	3'-4	B		
C	24'-8	22'-8	20'-8	18'-8	16'-8	14'-8	12'-8	10'-8	8'-8	20'-8	18'-8	16'-8	14'-8	12'-8	10'-8	8'-8	16'-8	14'-8	12'-8	10'-8	8'-8	6'-8	12'-8	10'-8	8'-8	6'-8	6'-8	6'-8	6'-8	C	
D	9'-3	8'-6	7'-9	7'-0	6'-3	5'-6	4'-9	4'-0	3'-3	7'-9	7'-0	6'-3	5'-6	4'-9	4'-0	3'-3	6'-3	5'-6	4'-9	4'-0	3'-3	2'-6	4'-9	4'-0	3'-3	2'-6	2'-6	2'-6	D		
E	28'-6	27'-0	25'-6	24'-0	22'-6	21'-0	19'-6	18'-0	16'-6	23'-6	22'-0	20'-6	19'-0	17'-6	16'-0	14'-6	18'-6	17'-0	15'-6	14'-0	12'-6	11'-0	14'-6	13'-0	11'-6	10'-0	10'-6	8'-0	E		
F	9'-7	8'-10	8'-1	7'-4	6'-7	5'-10	5'-1	4'-4	3'-7	8'-1	7'-4	6'-7	5'-10	5'-1	4'-4	3'-7	6'-7	5'-10	5'-1	4'-4	3'-7	2'-10	5'-1	4'-4	3'-7	2'-10	3'-7	2'-10	F		
G1	9'-4	9'-4	9'-4	9'-4	9'-4	9'-4	9'-4	9'-4	9'-4	7'-4	7'-4	7'-4	7'-4	7'-4	7'-4	7'-4	5'-4	5'-4	5'-4	5'-4	5'-4	5'-4	3'-4	5'-4	5'-4	4'-4	4'-4	4'-4	4'-4	4'-4	G1
G2	10'-6½	10'-6½	10'-6½	10'-6½	10'-6½	10'-6½	10'-6½	10'-6½	10'-6½	8'-6½	8'-6½	8'-6½	8'-6½	8'-6½	8'-6½	8'-6½	6'-6½	6'-6½	6'-6½	6'-6½	6'-6½	6'-6½	4'-6½	6'-6½	6'-6½	5'-6½	5'-6½	5'-6½	5'-6½	5'-6½	G2
G3	15'-7½	14'-4½	13'-1½	11'-10½	10'-7½	9'-4½	8'-1½	6'-10½	5'-7½	13'-1½	11'-10½	10'-7½	9'-4½	8'-1½	6'-10½	5'-7½	10'-7½	9'-4½	8'-1½	6'-10½	5'-7½	4'-4½	8'-1½	6'-10½	5'-7½	4'-4½	4'-4½	4'-4½	4'-4½	4'-4½	G3
G4	16'-5½	15'-0½	13'-7	12'-4	11'-1½	9'-7½	8'-4½	7'-1½	5'-11	13'-7	12'-4	11'-1½	9'-7½	8'-4½	7'-1½	5'-11	11'-1½	9'-7½	8'-4½	7'-1½	5'-11	4'-8½	8'-4½	7'-1½	5'-11	4'-8½	5'-11	4'-8½	4'-8½	4'-8½	G4
G5	3%	5%	7%	7%	7%	9%	9%	9%	9%	7%	7%	9%	9%	9%	9%	9%	7%	9%	9%	9%	9%	9%	9%	9%	9%	9%	9%	9%	9%	9%	G5
P	38'-1½	35'-0½	31'-11½	28'-10½	25'-9½	22'-8½	19'-7	16'-5½	13'-4½	31'-11½	28'-10½	25'-9½	22'-8½	19'-7	16'-5½	13'-4½	25'-9½	22'-8½	19'-7	16'-5½	13'-4½	10'-3½	19'-7	16'-5½	13'-4½	10'-3½	13'-4½	10'-3½	10'-3½	P	
R	40'-1	36'-10	33'-7	30'-4	27'-1	23'-10	20'-7	17'-4	14'-1	33'-7	30'-4	27'-1	23'-10	20'-7	17'-4	14'-1	27'-1	23'-10	20'-7	17'-4	14'-1	10'-10	20'-7	17'-4	14'-1	10'-10	14'-1	10'-10	10'-10	R	
T	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	T
U	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	U
W	5'-0	4'-9	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	3'-6	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	3'-6	4'-0	3'-9	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	3'-6	W

Notes:

1. See Sheet FWH G2-21 for General Notes, Specifications, and Design Stresses.
2. See Sheet FWH 0-1-21 and sheets FWH 0-3-21 & 0-4-21 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 0° Skew	FWH 0-2-21