


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	33'-1 1/2	30'-9 3/4	28'-5 1/2	26'-2 1/2	23'-10 1/2	21'-6 1/2	19'-3	16'-11 1/2	14'-7 1/2	12'-3 3/4	10'-0 1/2	33'-1 1/2	30'-9 3/4	28'-5 1/2	26'-2 1/2	23'-10 1/2	21'-6 1/2	19'-3	16'-11 1/2	14'-7 1/2	12'-3 3/4	10'-0 1/2	28'-5 1/2	26'-2 1/2	23'-10 1/2	21'-6 1/2	19'-3	16'-11 1/2	14'-7 1/2	12'-3 3/4	10'-0 1/2	CI
DL	14'-6 1/2	13'-6	12'-5 1/2	11'-5 1/2	10'-5 1/2	9'-5 1/2	8'-5 1/2	7'-5 1/2	6'-4 1/2	5'-4 1/2	4'-4 1/2	14'-6 1/2	13'-6	12'-5 1/2	11'-5 1/2	10'-5 1/2	9'-5 1/2	8'-5 1/2	7'-5 1/2	6'-4 1/2	5'-4 1/2	4'-4 1/2	12'-5 1/2	11'-5 1/2	10'-5 1/2	9'-5 1/2	8'-5 1/2	7'-5 1/2	6'-4 1/2	5'-4 1/2	4'-4 1/2	DL
DS	10'-10 1/2	10'-1 1/2	9'-4	8'-6 1/2	7'-9 1/2	7'-0 1/2	6'-3 1/2	5'-6 1/2	4'-9 1/2	4'-0 1/2	3'-3 1/2	10'-10 1/2	10'-1 1/2	9'-4	8'-6 1/2	7'-9 1/2	7'-0 1/2	6'-3 1/2	5'-6 1/2	4'-9 1/2	4'-0 1/2	3'-3 1/2	9'-4	8'-6 1/2	7'-9 1/2	7'-0 1/2	6'-3 1/2	5'-6 1/2	4'-9 1/2	4'-0 1/2	3'-3 1/2	DS
D1	41'-6 1/2	38'-8 1/2	35'-9 1/2	32'-10 1/2	29'-11 1/2	27'-0 1/2	24'-2 1/2	21'-3 1/2	18'-4 1/2	15'-5 1/2	12'-6 1/2	41'-6 1/2	38'-8 1/2	35'-9 1/2	32'-10 1/2	29'-11 1/2	27'-0 1/2	24'-2 1/2	21'-3 1/2	18'-4 1/2	15'-5 1/2	12'-6 1/2	35'-9 1/2	32'-10 1/2	29'-11 1/2	27'-0 1/2	24'-2 1/2	21'-3 1/2	18'-4 1/2	15'-5 1/2	12'-6 1/2	D1
D2	12'-3 1/2	11'-5 1/2	10'-7	9'-8 1/2	8'-10 1/2	8'-0 1/2	7'-1 1/2	6'-3 1/2	5'-5 1/2	4'-6 1/2	3'-8 1/2	12'-3 1/2	11'-5 1/2	10'-7	9'-8 1/2	8'-10 1/2	8'-0 1/2	7'-1 1/2	6'-3 1/2	5'-5 1/2	4'-6 1/2	3'-8 1/2	10'-7	9'-8 1/2	8'-10 1/2	8'-0 1/2	7'-1 1/2	6'-3 1/2	5'-5 1/2	4'-6 1/2	3'-8 1/2	D2
E	41'-4 1/2	39'-7	37'-9 1/2	36'-0 1/2	34'-3 1/2	32'-6 1/2	30'-8 1/2	28'-11 1/2	27'-2 1/2	25'-5 1/2	23'-8	39'-4 1/2	37'-7	35'-9 1/2	34'-0 1/2	32'-3 1/2	30'-6 1/2	28'-8 1/2	26'-11 1/2	25'-2 1/2	23'-5 1/2	21'-8	33'-9 1/2	32'-0 1/2	30'-3 1/2	28'-6 1/2	26'-8 1/2	24'-11 1/2	23'-2 1/2	21'-5 1/2	19'-8	E
E1	47'-9	45'-8 1/2	43'-8	41'-7 1/2	39'-7	37'-6 1/2	35'-6	33'-5 1/2	31'-4 1/2	29'-4 1/2	27'-3 1/2	45'-5 1/2	43'-4 1/2	41'-4 1/2	39'-3 1/2	37'-3 1/2	35'-2 1/2	33'-2 1/2	31'-1 1/2	29'-1 1/2	27'-0 1/2	25'-0 1/2	39'-0 1/2	37'-0 1/2	34'-11 1/2	32'-11 1/2	30'-10 1/2	28'-10	26'-9 1/2	24'-9	22'-8 1/2	E1
FL	14'-10 1/2	13'-10	12'-9 1/2	11'-9 1/2	10'-9 1/2	9'-9 1/2	8'-9 1/2	7'-9 1/2	6'-8 1/2	5'-8 1/2	4'-8 1/2	14'-10 1/2	13'-10	12'-9 1/2	11'-9 1/2	10'-9 1/2	9'-9 1/2	8'-9 1/2	7'-9 1/2	6'-8 1/2	5'-8 1/2	4'-8 1/2	12'-9 1/2	11'-9 1/2	10'-9 1/2	9'-9 1/2	8'-9 1/2	7'-9 1/2	6'-8 1/2	5'-8 1/2	4'-8 1/2	FL
F5	11'-2 1/2	10'-5 1/2	9'-8	8'-10 1/2	8'-1 1/2	7'-4 1/2	6'-7 1/2	5'-10 1/2	5'-1 1/2	4'-4 1/2	3'-7 1/2	11'-2 1/2	10'-5 1/2	9'-8	8'-10 1/2	8'-1 1/2	7'-4 1/2	6'-7 1/2	5'-10 1/2	5'-1 1/2	4'-4 1/2	3'-7 1/2	9'-8	8'-10 1/2	8'-1 1/2	7'-4 1/2	6'-7 1/2	5'-10 1/2	5'-1 1/2	4'-4 1/2	3'-7 1/2	F5
F1	25'-4 1/2	23'-8	21'-11	20'-2 1/2	18'-5 1/2	16'-8 1/2	14'-11 1/2	13'-2 1/2	11'-5 1/2	9'-8 1/2	7'-11 1/2	25'-4 1/2	23'-8	21'-11	20'-2 1/2	18'-5 1/2	16'-8 1/2	14'-11 1/2	13'-2 1/2	11'-5 1/2	9'-8 1/2	7'-11 1/2	21'-11	20'-2 1/2	18'-5 1/2	16'-8 1/2	14'-11 1/2	13'-2 1/2	11'-5 1/2	9'-8 1/2	7'-11 1/2	F1
F2	4'-7 1/2	4'-4	4'-0 1/2	3'-9	3'-5 1/2	3'-1 1/2	2'-10 1/2	2'-6 1/2	2'-3 1/2	1'-11 1/2	1'-8	4'-7 1/2	4'-4	4'-0 1/2	3'-9	3'-5 1/2	3'-1 1/2	2'-10 1/2	2'-6 1/2	2'-3 1/2	1'-11 1/2	1'-8	4'-0 1/2	3'-9	3'-5 1/2	3'-1 1/2	2'-10 1/2	2'-6 1/2	2'-3 1/2	1'-11 1/2	1'-8	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	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	11'-4	G
G1	17'-8 1/2	17'-8 1/2	17'-8 1/2	17'-8 1/2	17'-8 1/2	17'-8 1/2	17'-8 1/2	17'-8 1/2	17'-8 1/2	17'-8 1/2	17'-8 1/2	15'-4 1/2	15'-4 1/2	15'-4 1/2	15'-4 1/2	15'-4 1/2	15'-4 1/2	15'-4 1/2	15'-4 1/2	15'-4 1/2	15'-4 1/2	15'-4 1/2	13'-1	13'-1	13'-1	13'-1	13'-1	13'-1	13'-1	13'-1	13'-1	G1
G2	18'-11 1/2	18'-11 1/2	18'-11 1/2	18'-11 1/2	18'-11 1/2	18'-11 1/2	18'-11 1/2	18'-11 1/2	18'-11 1/2	18'-11 1/2	18'-11 1/2	16'-7 1/2	16'-7 1/2	16'-7 1/2	16'-7 1/2	16'-7 1/2	16'-7 1/2	16'-7 1/2	16'-7 1/2	16'-7 1/2	16'-7 1/2	16'-7 1/2	14'-3 1/2	14'-3 1/2	14'-3 1/2	14'-3 1/2	14'-3 1/2	14'-3 1/2	14'-3 1/2	14'-3 1/2	14'-3 1/2	G2
G3	29'-2 1/2	27'-2	25'-1 1/2	23'-1 1/2	21'-1 1/2	19'-1 1/2	17'-1 1/2	15'-1 1/2	13'-1	11'-0 1/2	9'-0 1/2	29'-2 1/2	27'-2	25'-1 1/2	23'-1 1/2	21'-1 1/2	19'-1 1/2	17'-1 1/2	15'-1 1/2	13'-1	11'-0 1/2	9'-0 1/2	25'-1 1/2	23'-1 1/2	21'-1 1/2	19'-1 1/2	17'-1 1/2	15'-1 1/2	13'-1	11'-0 1/2	9'-0 1/2	G3
G4	29'-10 1/2	27'-8 1/2	25'-7 1/2	23'-4 1/2	21'-0 1/2	19'-0 1/2	17'-0 1/2	14'-8 1/2	12'-8 1/2	10'-8 1/2	8'-8 1/2	29'-10 1/2	27'-8 1/2	25'-7 1/2	23'-4 1/2	21'-0 1/2	19'-0 1/2	17'-0 1/2	14'-8 1/2	12'-8 1/2	10'-8 1/2	8'-8 1/2	25'-7 1/2	23'-4 1/2	21'-0 1/2	19'-0 1/2	17'-0 1/2	14'-8 1/2	12'-8 1/2	10'-8 1/2	8'-8 1/2	G4
G5	15'-0 1/2	14'-0 1/2	12'-11 1/2	11'-11 1/2	10'-10 1/2	9'-10 1/2	8'-9 1/2	7'-9 1/2	6'-8 1/2	5'-8 1/2	4'-7 1/2	15'-0 1/2	14'-0 1/2	12'-11 1/2	11'-11 1/2	10'-10 1/2	9'-10 1/2	8'-9 1/2	7'-9 1/2	6'-8 1/2	5'-8 1/2	4'-7 1/2	12'-11 1/2	11'-11 1/2	10'-10 1/2	9'-10 1/2	8'-9 1/2	7'-9 1/2	6'-8 1/2	5'-8 1/2	4'-7 1/2	G5
G6	16'-7 1/2	15'-3 1/2	14'-3 1/2	13'-0 1/2	11'-10 1/2	10'-10 1/2	9'-9 1/2	8'-7 1/2	7'-7	6'-6 1/2	5'-6 1/2	16'-7 1/2	15'-3 1/2	14'-3 1/2	13'-0 1/2	11'-10 1/2	10'-10 1/2	9'-9 1/2	8'-7 1/2	7'-7	6'-6 1/2	5'-6 1/2	14'-3 1/2	13'-0 1/2	11'-10 1/2	10'-10 1/2	9'-9 1/2	8'-7 1/2	7'-7	6'-6 1/2	5'-6 1/2	G6
G7	--	2 1/2	2 1/2	5 1/2	8 1/2	8 1/2	8 1/2	11'-0 1/2	1'-0	1'-0	11 1/2	--	2 1/2	2 1/2	5 1/2	8 1/2	8 1/2	8 1/2	11'-0 1/2	1'-0	1'-0	11 1/2	2 1/2	5 1/2	8 1/2	8 1/2	8 1/2	11'-0 1/2	1'-0	1'-0	11 1/2	G7
G8	1 1/2	4 1/2	4 1/2	6 1/2	7 1/2	7 1/2	9	9	9	9	1 1/2	4 1/2	4 1/2	6 1/2	7 1/2	7 1/2	9	9	9	9	9	9	4 1/2	6 1/2	7 1/2	7 1/2	9	9	9	9	9	G8
PL	59'-9 1/2	55'-7 1/2	51'-5 1/2	47'-3 1/2	43'-1 1/2	38'-11 1/2	34'-9 1/2	30'-7 1/2	26'-5 1/2	22'-3 1/2	18'-1	59'-9 1/2	55'-7 1/2	51'-5 1/2	47'-3 1/2	43'-1 1/2	38'-11 1/2	34'-9 1/2	30'-7 1/2	26'-5 1/2	22'-3 1/2	18'-1	51'-5 1/2	47'-3 1/2	43'-1 1/2	38'-11 1/2	34'-9 1/2	30'-7 1/2	26'-5 1/2	22'-3 1/2	18'-1	PL
PS	44'-8 1/2	41'-7 1/2	38'-5 1/2	35'-4 1/2	32'-2 1/2	29'-1 1/2	26'-0	22'-10 1/2	19'-9 1/2	16'-7 1/2	13'-6 1/2	44'-8 1/2	41'-7 1/2	38'-5 1/2	35'-4 1/2	32'-2 1/2	29'-1 1/2	26'-0	22'-10 1/2	19'-9 1/2	16'-7 1/2	13'-6 1/2	38'-5 1/2	35'-4 1/2	32'-2 1/2	29'-1 1/2	26'-0	22'-10 1/2	19'-9 1/2	16'-7 1/2	13'-6 1/2	PS
RL	61'-6 1/2	57'-2 1/2	52'-11 1/2	48'-7 1/2	44'-4 1/2	40'-0 1/2	35'-9 1/2	31'-5 1/2	27'-2 1/2	22'-10 1/2	18'-7 1/2	61'-6 1/2	57'-2 1/2	52'-11 1/2	48'-7 1/2	44'-4 1/2	40'-0 1/2	35'-9 1/2	31'-5 1/2	27'-2 1/2	22'-10 1/2	18'-7 1/2	52'-11 1/2	48'-7 1/2	44'-4 1/2	40'-0 1/2	35'-9 1/2	31'-5 1/2	27'-2 1/2	22'-10 1/2	18'-7 1/2	RL
RS	46'-11 1/2	43'-8 1/2	40'-5	37'-1 1/2	33'-10 1/2	30'-7	27'-3 1/2	24'-0 1/2	20'-9	17'-5 1/2	14'-2 1/2	46'-11 1/2	43'-8 1/2	40'-5	37'-1 1/2	33'-10 1/2	30'-7	27'-3 1/2	24'-0 1/2	20'-9	17'-5 1/2	14'-2 1/2	40'-5	37'-1 1/2	33'-10 1/2	30'-7	27'-3 1/2	24'-0 1/2	20'-9	17'-5 1/2	14'-2 1/2	RS
S1	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	18'-5 1/2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	16'-2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 1/2	13'-10 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	1'-2	1'-0	1'-0	11	10	10	9	9	9	9	9	9	1'-0	11	10	10	9	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 30-1-21 and sheets FWH 30-3-21 thru 30-5-21 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 30° Skew	FWH 30-2-21 Sheet 1 of 2