



Plan View

Notes:

1. See Sheet TRFWH G1-21 for General Notes, Specifications, and Design Stresses.
2. See Sheet TRFWH 0-2-21 thru TRFWH 0-4-21 for location of certain dimensions tabulated.
3. Dimensions are in feet and inches unless otherwise noted.

Dimension Table													
S x H	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	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	A			
B	12'-4	11'-4	10'-4	9'-4	8'-4	7'-4	6'-4	5'-4	4'-4	B			
C	24'-8	22'-8	20'-8	18'-8	16'-8	14'-8	12'-8	10'-8	8'-8	C			
D	9'-3	8'-6	7'-9	7'-0	6'-3	5'-6	4'-9	4'-0	3'-3	D			
E	56'-6	54'-10	53'-2	51'-8	50'-2	48'-6	47'-0	45'-6	44'-0	E			
F	9'-7	8'-10	8'-1	7'-4	6'-7	5'-10	5'-1	4'-4	3'-7	F			
G1	37'-4	37'-2	37'-0	37'-0	37'-0	36'-10	36'-10	36'-10	36'-10	G1			
G2	38'-6½	38'-4½	38'-2½	38'-2½	38'-2½	38'-0½	38'-0½	38'-0½	38'-0½	G2			
G3	15'-7½	14'-4½	13'-1½	11'-10½	10'-7½	9'-4½	8'-1½	6'-10½	5'-7½	G3			
G4	16'-5½	15'-0½	13'-7	12'-4	11'-1½	9'-7½	8'-4½	7'-1½	5'-11	G4			
G5	3½	5½	7½	7½	7½	9½	9½	9½	9½	G5			
K	38'-0	37'-10	37'-8	37'-8	37'-8	37'-6	37'-6	37'-6	37'-6	K			
P	38'-1½	35'-0½	31'-11½	28'-10½	25'-9½	22'-8½	19'-7	16'-5½	13'-4½	P			
R1	40'-1	36'-10	33'-7	30'-4	27'-1	23'-10	20'-7	17'-4	14'-1	R1			
R2	27'-0½	24'-9½	22'-6½	20'-3½	18'-0½	15'-10½	13'-7½	11'-4½	9'-2	R2			
T	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	T			
U	1'-0	11	10	10	10	9	9	9	9	U			
V	1'-0	11	10	10	10	9	9	9	9	V			
W	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'	S x H			
A	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	A			
B	12'-4	11'-4	10'-4	9'-4	8'-4	7'-4	6'-4	5'-4	4'-4	B			
C	24'-8	22'-8	20'-8	18'-8	16'-8	14'-8	12'-8	10'-8	8'-8	C			
D	9'-3	8'-6	7'-9	7'-0	6'-3	5'-6	4'-9	4'-0	3'-3	D			
E	50'-6	48'-10	47'-2	45'-8	44'-2	42'-6	41'-0	39'-6	38'-0	E			
F	9'-7	8'-10	8'-1	7'-4	6'-7	5'-10	5'-1	4'-4	3'-7	F			
G1	31'-4	31'-2	31'-0	31'-0	31'-0	30'-10	30'-10	30'-10	30'-10	G1			
G2	32'-6½	32'-4½	32'-2½	32'-2½	32'-2½	32'-0½	32'-0½	32'-0½	32'-0½	G2			
G3	15'-7½	14'-4½	13'-1½	11'-10½	10'-7½	9'-4½	8'-1½	6'-10½	5'-7½	G3			
G4	16'-5½	15'-0½	13'-7	12'-4	11'-1½	9'-7½	8'-4½	7'-1½	5'-11	G4			
G5	3½	5½	7½	7½	7½	9½	9½	9½	9½	G5			
K	32'-0	31'-10	31'-8	31'-8	31'-8	31'-6	31'-6	31'-6	31'-6	K			
P	38'-1½	35'-0½	31'-11½	28'-10½	25'-9½	22'-8½	19'-7	16'-5½	13'-4½	P			
R1	40'-1	36'-10	33'-7	30'-4	27'-1	23'-10	20'-7	17'-4	14'-1	R1			
R2	27'-0½	24'-9½	22'-6½	20'-3½	18'-0½	15'-10½	13'-7½	11'-4½	9'-2	R2			
T	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	T			
U	1'-0	11	10	10	10	9	9	9	9	U			
V	1'-0	11	10	10	10	9	9	9	9	V			
W	5'-0	4'-9	4'-6	4'-3	4'-0	3'-9	3'-6	3'-6	3'-6	W			

LATEST REVISION DATE	APPROVED BY BRIDGE ENGINEER		
		Standard Design - Triple Reinforced Concrete Box Culverts	
		Flared Wing Headwalls February, 2021	
Dimension Plan & Table 0° Skew		TRFWH 0-1-21	