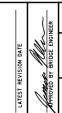
Dimension Table															\neg																	
суц	x H 16° x 14′ 16° x 13′ 16° x 12′ 16° x 11′ 16° x 10′ 10° 10° 10° 10° 10° 10° 10° 10° 10° 10°														12' v 6'	12' v 5'	12' x 4'	SVH														
Δ	43'-0	40'-0	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	43'-0	40'-0	37'-0	34'-0	31-0	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	3 A III
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	В
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	С
C1	29'-81/4	27 - 7½	25'-61/5	23 -5%	21-4¾	19'-3%	17'-3	15'-21/4	13'-1¾	11'-0½	8'-11%	29'-81⁄4	27 - 71/4	25'-6⅓	23'-5%	21-4¾	19'-3%	17'-3	15'-21/4	13'-1¾	11-0%	8'-11%	25'-6½	23'-5%	21'-4¾	19'-3%	17'-3	15'-21/4	13 -1⅓	11'-01/5	8'-11%	C1
DL	11 -11%	11-1%	10'-31/6	9'-51/6	8'-71/4	7'-91/4	6'-111/4	6'-11/4	5'-31/4	4'-51/4	3'-71/4	11'-111/4	11-1%	10'-31/4	9'-51/6	8 - 71/4	7'-91/4	6-111/4	6'-11/4	5'-31/4	4'-51/4	3'-71/4	10'-31/6	9'-51/6	8'-71/4	7'-9¼	6'-111/4	6'-11/4	5'-31/4	4'-51/4	3'-71/4	DL
DS	10'-5⅓	9'-8%	8'-11¾	8'-3	7'-61/4	6'-91/5	6'-0¾	5'-4	4-71/4	3'-10%	3'-1%	10'-51/6	9'-8%	8'-111/4	8'-3	7'-61/4	6'-91/	6'-0¾	5'-4	4'-71/4	3'-10%	3'-1%	8'-11¾	8'-3	7'-61/4	6'-91/5	6'-0¾	5-4	4'-71/4	3'-10%	3'-1%	DS
D1	23 -101/2	22'-21/2	20'-61/2	18 10½	17 -21/2	15 6½	13'-10½	12 -21/2	10 6%	8'-10%	7'-2%	23 -10½	22 -21/2	20 61/2	18'-10½	17 -21/2	15 61⁄2	13'-10⅓	12 -21/2	10-6⅓	8-10%	7'-21/8	20'-61/2	18-10½	17 - 21/2	15'-6½	13 -10½	12'-21/2	10-6%	8'-10%	7'-2%	D1
D2	8¾	81/4	7½	6%	61/4	5%	5	4½	3%	31/4	21/6	8%	81/6	7½	6%	61/4	5%	5	41/2	3%	3⅓	2%	7⅓	6%	61/4	5%	5	4⅓	3%	31/4	2%	D2
E	38'-41/4	36'-9%	35-2%	33'-8⅓	32'-1⅓	30'-6¾	29'-0	27'-51/4	25'-10½	24'-3%	22'-91/8	36'-41/4	34'-9%	33 -21/8	31'-8⅓	30'-1¾	28'-6¾	27'-0	25'-51/4	23'-10½	22 - 31/6	20'-9⅓	31'-2%	29'-8⅓	28'-1%	26'-6¾	25'-0	23'-51/4	21'-10½	20'-3%	18'-9⅓	Е
E1	39'-8½	38'-1⅓	36'-5¾	34'-10¾	33'-3	31'-7%	30'-01/4	28'-4⅓	26'-9½	25'-2⅓	23'-6¾	37'-7¾	36'-0⅓	34'-5	32'-9½	31'-2⅓	29'-6¾	27'-11%	26'-4	24'-8%	23'-1¼	21-5%	32'-4⅓	30'-8¾	29'-1%	27'-6	25'-10⅓	24'-31/4	22'-7%	21'-0¾	19'-5	E1
FL	12 -3⅓	11-5⅓	10'-7⅓	9'-91/8	8-111/4	8'-11/4	7'-31⁄4	6'-51/4	5'-71/4	4-91/4	3'-111/4	12'-3⅓	11-51/3	10'-7⅓	9'-91/8	8-11½	8-11/4	7 - 31/4	6'-5⅓	5'-71/4	4-91/4	3'-111/4	10'-7⅓	9-9%	8'-111/4	8 -11/4	7'-3⅓	6'-5⅓	5'-71/4	4'-9¼	3'-111/4	FL
FS	10'-9⅓	10'-0%	9'-3¾	8'-7	7'-10⅓	7'-1½	6'-4¾	5'-8	4 111/4	4'-2%	3'-5%	10′-9⅓	10'-0%	9'-3¾	8'-7	7'-101/4	7'-1½	6'-4¾	5'-8	4'-11½	4'-2%	3'-5⅓	9-3¾	8'-7	7'-101/4	7'-1½	6'-4¾	5'-8	4'-111/4	4'-2%	3'-5%	FS
F1	16'-6¾	15 4%	14-31/4	13'-1¾	12'-0⅓	10'-10%	9'-9⅓	8-71/2	7'-6	6'-4¾	5'-2⅓	16'-6%	15 4%	14 -31⁄₄	13 -1¾	12 -0⅓	10-10%	9'-9⅓	8'-71/2	7'-6	6'-4%	5'-2⅓	14 - 31⁄4	13 -11/4	12'-0⅓	10'-10%	9'-9⅓	8'-7½	7'-6	6'-4%	5'-2⅓	F1
F2	7'-3%	6'-9¾	6'-4	5-10⅓	5'-4%	4-10½	4 4 %	3 -10%	3'-5	2 -111/4	2'-5%	7'-3%	6'-9¾	6'-4	5-10⅓	5'-4¾	4'-10½	4'-4%	3'-10⅓	3'-5	2-111/4	2'-5⅓	6'-4	5 -10⅓	5'-4%	4-10½	4'-4%	3'-10%	3'-5	2 111/4	2'-5¾	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	15'-10½	15'-10½	15'-10½	15-10½	15'-10½	15'-10½	15'-10½	15'-10½	15'-10½	15'-10½	15'-10½	13'-9%	13′-9⅓	13′-9⅓	13'-9⅓	13'-9%	13′-9%	13'-9%	13'-9⅓	13'-9%	13'-9%	13′-9⅓	11-8¾	11'-8¾	11'-8¾	11'-8¾	11-8¾	11'-8¾	11'-8¾	11'-8¾	11-8¾	G1
G2	17'-1⅓	17'-11/4	17'-11/4	17'-11/4	17'-1⅓	17'-1⅓	17'-1⅓	17'-1	17'-0⅓	17'-0¾	17'-0%	15'-0%	15'-0¾	15'-0¾	15'-0¾	15'-0¾	15'-0¼	15'-0¼	15'-0⅓	15'-0⅓	15'-0	14'-11¾	12-11½	12-111/2	12'-11½	12'-11⅓	12'-11⅓	12'-11⅓	12'-111/4	12'-111/8	12'-11	G2
G3	21-10%	20 41/2	18'-10⅓	17'-41/4	15 10⅓	14'-4⅓	12'-10	11-3%	9-9¾	8-3%	6'-9%	21-10%	20'-41/2	18'-10%	17'-41/4	15'-10⅓	14 4 %	12'-10	11-3%	9'-9¾	8'-3%	6'-9%	18'-10%	17 41/4	15'-10⅓	14 41/8	12'-10	11 -3%	9'-9¾	8'-3%	6'-9%	G3
G4	22 -9%	21-0¾	19'-6%	17'-9%	16'-0⅓	14'-6%	13 -0½	11-3%	9-9%	8'-3½	6'-9%	22'-9%	21-0¾	19'-6%	17'-9%	16'-0%	14 6%	13 -0½	11'-3%	9'-9%	8-31/2	6-9%	19'-6%	17'-9%	16 0%	14'-6%	13'-0½	11'-3%	9'-9%	8'-3½	6'-9%	G4
G5	16'-1	14 -11¾	13 -10⅓	12'-9	11'-7¾	10 6%	9'-5	8'-3¾	7'-2%	6'-1	4-11¾	16'-1	14 - 11¾	13 10%	12'-9	11-7¾	10 6⅓	9'-5	8'-3¾	7-2%	6'-1	4-11¾	13 -10%	12'-9	11 -7¾	10 -6%	9'-5	8'-3¾	7-2%	6'-1	4-11¾	G5
G6	17'-6⅓	16'-0%	14-111/4	13'-7%	12'-4⅓	11'-3⅓	10-1¾	8'-10⅓	7'-9%	6'-7%	5'-6%	17'-6¼	16'-0%	14'-111/4	13'-7%	12'-4%	11'-3⅓	10-1¾	8'-10⅓	7-9%	6'-7%	5'-6⅓	14-111/4	13 - 7 1/8	12 -4%	11-3⅓	10-1¾	8'-10⅓	7-9%	6'-7%	5'-6%	G6
G7		2%	2%	5%	81%	81%	81/8	10¾	10%	10%	10½		2%	2%	5⅓	81/8	81/6	81%	10¾	10%	10%	10½	2%	5%	81/8	81/8	81/8	10¾	10%	10%	10½	G7
G8		3¾	3¾	5%	7½	7½	7½	9¼ 25'-2	91/4	91/4	91/8		3¾ 45'-9	3¾	5%	7½	7½	7½	91/4	91/4	91/4	91/8	3¾	5%	7½	7½	7½	9¼ 25'-2	91/4	91/4	91/8	G8
PL	49'-21/8	45'-9	42'-3%	38 - 10% 34 - 0	35'-5½	32 -01/4	28 - 71/6		21'-8¾	18'-3%	14 -10%	49'-21/6		42 - 3%	38-10%	35'-5½	32'-0¼	28 -7½ 25 -0	25'-2 22'-0	21'-8¾	18 - 3%	14 -10%	42'-3%	38 -10% 34 -0	35'-5½	32 -01/4	28'-7%		21'-8¾	18 -3½ 16 -0	14 - 10 % 13 - 0	PS PS
PS PI	43 -0½ 51 -2¾	40'-0% 47'-7%	37-01/s 44-1	40 -61/4	31'-0 36'-11½	28'-0 33'-4½	25'-0 29'-9¾	22'-0	19'-0 22'-7%	16'-0	13'-0 15'-5%	43 -0⅓ 51 -2¾	40 -01/6 47 -71/6	37 -0⅓ 44 -1	34'-0	31'-0	28'-0	29-9%		19'-0 22'-7%	16'-0 19'-0¾	13'-0 15'-5%	37 -01/6 44 -1	40 -61/8	31'-0 36'-111	28'-0 33'-4¼	25'-0	22'-0 26'-2½	19'-0 22'-7%	19-0¾	15-5%	P5
RS	45 4	47 7/8	39-0%	40 -6% 35 -10%	36-11%	29 61/4	29-9%	26'-2½ 23'-2¾	20 -0%	19'-0¾ 16'-10¾	15-5%	45-4	47-7%	39'-01/4	40'-61/8 35'-101/4	36 -11½ 32 -8½	33 -4¼ 29 -6¼	29 9%	26 -2½ 23 -2¾	20 0%	16 10%	15-5%	39'-0%	40 6% 35 10%		33-41 ₄ 29-61 ₄	29'-9¾ 26'-4¼	26 -21/2	20 -0%	16'-10%	13-81/	RS
S1	16'-6%	16 6%	16'-6%	16-6%	32 8% 16 6%	29 67 ₄	16 -6 %	23 - 27 ₈	16'-6¾	16-10%	16 6 %	14-5%	14'-5%	14'-5%	35 - 10 % 14 - 5 %	32 87 ₈	14 5%	14'-5%	23 - 27 ₈	14 -51/8	14 5 %	14'-5%	12'-5%	12 -51/6	32'-8⅓ 12'-5⅓	12 -51/6	12 -51/4	12 -51/6	12 -51/6	16 10%	13 -81/2	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	14 -578	1'-2	1'-2	1'-2	14-578	12 - 578	1'-2	1'-2	12-578	1'-2	1'-2	1'-2	1'-2	1'-2	- T
H	1'-2	1'-0	1'-0	11	10	10	10	9	9	9	9	1'-2	1'-0	1'-0	11	10	10	10	9	9	9	9	1'-0	11	10	10	10	9	9	9	9	Ü
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
<u> </u>	3.0	2.3	3-0	-,-5	-,-0	7.5	-, -0	3-3	5-0	3.0	3-0	2-0	3-5	2-0		., -0	7-3	0	2.7	3-0	3-0	3-0	5-0	1.2	.,-0		-, -0		J =0	_ ق		ات

Notes:

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





Standard Design - Single Reinforced Concrete Box Culverts

Flared Wing Headwalls

February, 2021

Dimension Table 15° Skew

FWH 15-2-21 Sheet 1 of 2