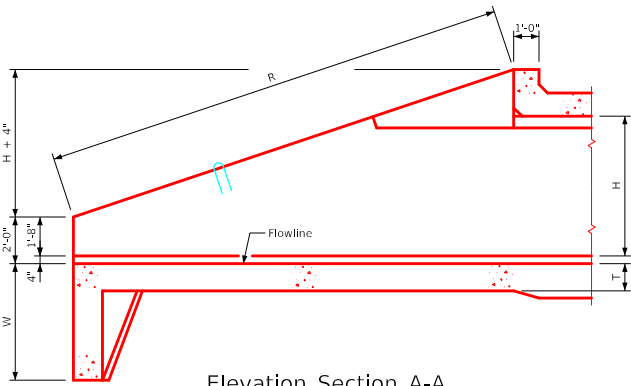
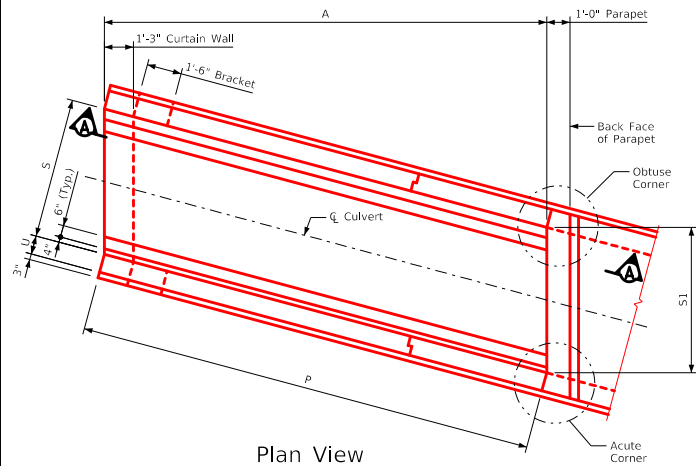


ENGLISHRFDDESIGNEDSINGLECULVERTS.DGN - PWH 15-1-20 - THIS SHEET ISSUED 07-2020.



Elevation Section A-A



Plan View

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'	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	A
H	14'-0	13'-0	12'-0	11'-0	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	4'-0	14'-0	13'-0	12'-0	11'-0	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	4'-0	H
P	44'-6 1/2	41'-4 1/2	38'-3 3/8	35'-2 3/8	32'-1 1/2	28'-11 1/8	25'-10 3/8	22'-9 3/8	19'-8	16'-6 1/2	13'-5 1/2	44'-6 1/2	41'-4 1/2	38'-3 3/8	35'-2 3/8	32'-1 1/2	28'-11 1/8	25'-10 3/8	22'-9 3/8	19'-8	16'-6 1/2	13'-5 1/2	P
R	46'-9 1/2	43'-6	40'-2 1/2	36'-11 1/2	33'-8 3/8	30'-5 1/2	27'-2 1/2	23'-11 1/2	20'-8	17'-4 1/2	14'-1 1/2	46'-9 1/2	43'-6	40'-2 1/2	36'-11 1/2	33'-8 3/8	30'-5 1/2	27'-2 1/2	23'-11 1/2	20'-8	17'-4 1/2	14'-1 1/2	R
S	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	16'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	14'-0	S
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	S1
T	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-4	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	1'-3	T
U	1'-1	1'-1	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-1	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	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	W
B	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	B
C	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	9	9	C
D	6	6	6	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	6	6	6	6	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	D
E	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	9	9	9	E

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'	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	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	A
H	12'-0	11'-0	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	4'-0	12'-0	11'-0	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	4'-0	H
P	38'-3 3/8	35'-2 3/8	32'-1 1/2	28'-11 1/8	25'-10 3/8	22'-9 3/8	19'-8	16'-6 1/2	13'-5 1/2	38'-3 3/8	35'-2 3/8	32'-1 1/2	28'-11 1/8	25'-10 3/8	22'-9 3/8	19'-8	16'-6 1/2	13'-5 1/2	P
R	40'-2 1/2	36'-11 1/2	33'-8 3/8	30'-5 1/2	27'-2 1/2	23'-11 1/2	20'-8	17'-4 1/2	14'-1 1/2	40'-2 1/2	36'-11 1/2	33'-8 3/8	30'-5 1/2	27'-2 1/2	23'-11 1/2	20'-8	17'-4 1/2	14'-1 1/2	R
S	12'-0	12'-0	12'-0	12'-0	12'-0	12'-0	12'-0	12'-0	12'-0	10'-0	10'-0	10'-0	10'-0	10'-0	10'-0	10'-0	10'-0	10'-0	S
S1	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	12'-5 1/2	10'-4 1/2	10'-4 1/2	10'-4 1/2	10'-4 1/2	10'-4 1/2	10'-4 1/2	10'-4 1/2	10'-4 1/2	10'-4 1/2	S1
T	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-2	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	1'-1	T
U	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	9	U
W	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
B	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	B
C	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	C
D	6	6	1'-0	1'-0	1'-0	1'-0	1'-0	9	1'-0	6	6	1'-0	9	1'-0	1'-0	1'-0	1'-0	1'-0	D
E	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	9	E

Dimension Table

S x H	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'	S x H
A	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	A
H	10'-0	9'-0	8'-0	7'-0	6'-0	5'-0	4'-0	8'-0	7'-0	6'-0	5'-0	4'-0	3'-0	6'-0	5'-0	4'-0	3'-0	H
P	32'-1 1/2	28'-11 1/8	25'-10 3/8	22'-9 3/8	19'-8	16'-6 1/2	13'-5 1/2	25'-10 3/8	22'-9 3/8	19'-8	16'-6 1/2	13'-5 1/2	10'-4 1/2	19'-8	16'-6 1/2	13'-5 1/2	10'-4 1/2	P
R	33'-8 3/8	30'-5 1/2	27'-2 1/2	23'-11 1/2	20'-8	17'-4 1/2	14'-1 1/2	27'-2 1/2	23'-11 1/2	20'-8	17'-4 1/2	14'-1 1/2	10'-10 1/2	20'-8	17'-4 1/2	14'-1 1/2	10'-10 1/2	R
S	8'-0	8'-0	8'-0	8'-0	8'-0	8'-0	8'-0	6'-0	6'-0	6'-0	6'-0	6'-0	6'-0	5'-0	5'-0	5'-0	5'-0	S
S1	8'-3 3/8	8'-3 3/8	8'-3 3/8	8'-3 3/8	8'-3 3/8	8'-3 3/8	8'-3 3/8	6'-2 1/2	6'-2 1/2	6'-2 1/2	6'-2 1/2	6'-2 1/2	6'-2 1/2	5'-2 1/2	5'-2 1/2	5'-2 1/2	5'-2 1/2	S1
T	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	11	T
U	10	10	10	9	9	9	9	10	9	9	9	9	9	9	9	9	9	U
W	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	W
B	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	B
C	1'-0	1'-0	9	9	9	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	9	1'-0	1'-0	1'-0	C
D	6	6	9	1'-0	1'-0	1'-0	1'-0	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	D
E	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	E

Notes:

1. See Sheet RCB G2-20 for General Notes, Specifications, and Design Stresses.
2. See Sheets PWH 15-2-20 thru 15-4-20 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

Parallel Wing Headwalls

July, 2020

Dimension Table
 15° Skew

PWH 15-1-20