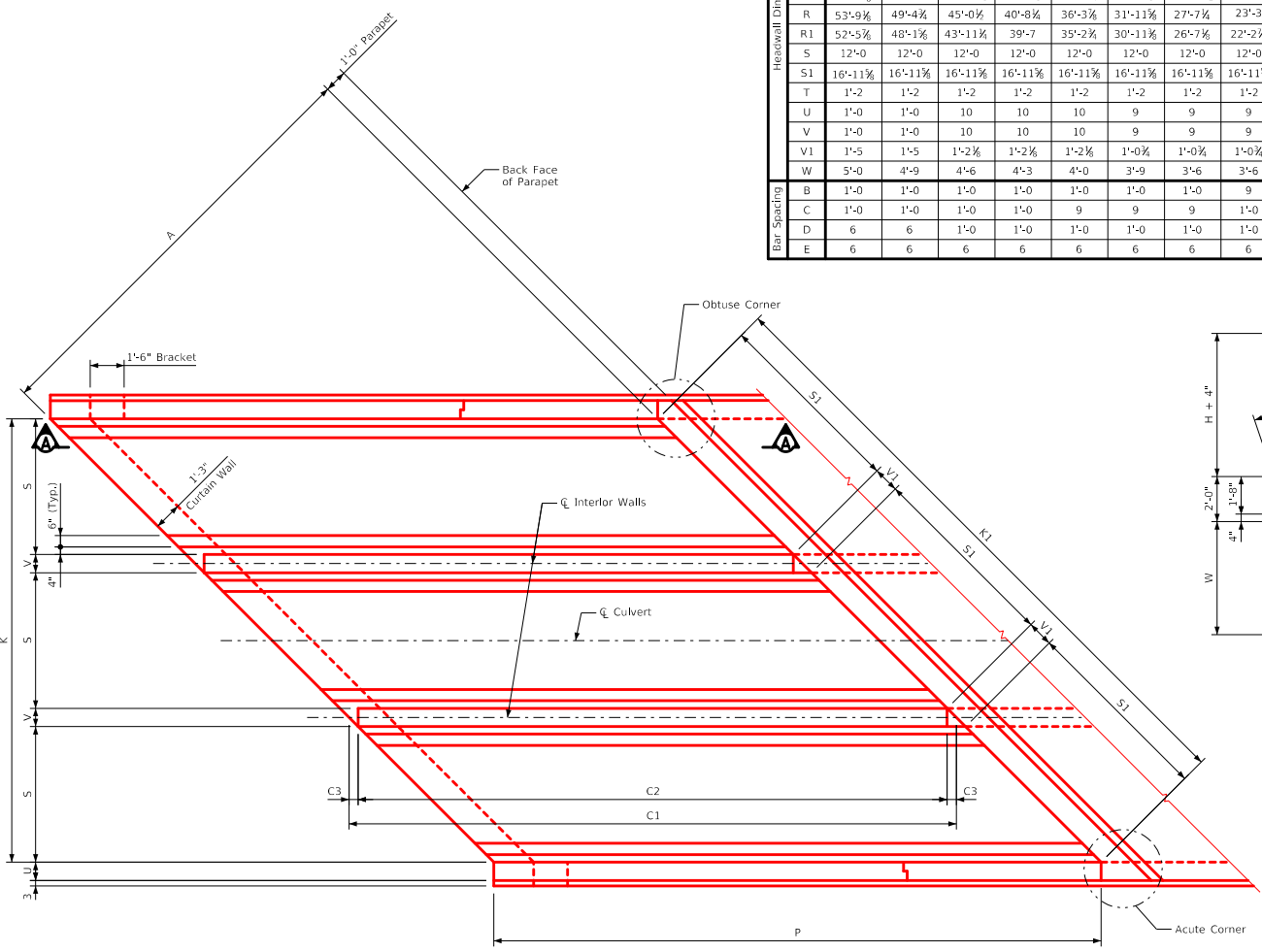


ENGLISHRFDDESIGNEDTRIPLECULVERTS.DGN - TRPWH 45-1-20 - THIS SHEET ISSUED 07-2020.

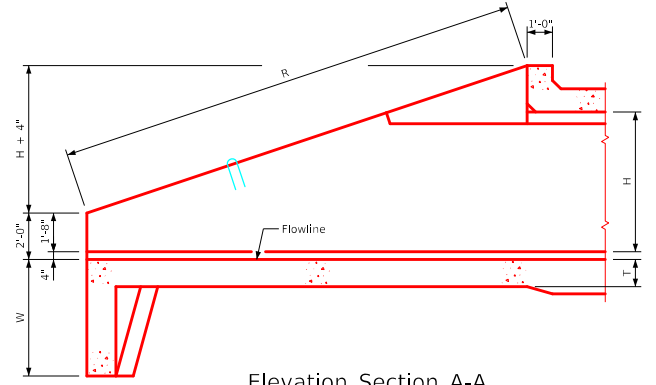
		Dimension Table																					
S x H		12' x 12'	12' x 11'	12' x 10'	12' x 9'	12' x 8'	12' x 7'	12' x 6'	12' x 5'	12' x 4'	10' x 12'	10' x 11'	10' x 10'	10' x 9'	10' x 8'	10' x 7'	10' x 6'	10' x 5'	10' x 4'	S x H			
A		37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	37'-0	34'-0	31'-0	28'-0	25'-0	22'-0	19'-0	16'-0	13'-0	A			
C1		52'-3 3/8	48'-1	43'-10 1/2	39'-7 1/2	35'-4 1/4	31'-1 1/2	26'-10 1/2	22'-7 1/2	18'-4 1/4	52'-3 3/8	48'-1	43'-10 1/2	39'-7 1/2	35'-4 1/4	31'-1 1/2	26'-10 1/2	22'-7 1/2	18'-4 1/4	C1			
C2		51'-3 3/8	47'-1	43'-0	38'-9 3/8	34'-6	30'-4 1/4	26'-1 1/2	21'-10 1/2	17'-7 1/2	51'-3 3/8	47'-1	43'-0	38'-9 3/8	34'-6	30'-4 1/4	26'-1 1/2	21'-10 1/2	17'-7 1/2	C2			
C3		6	6	5	5	5	4 1/2	4 1/2	4 1/2	4 1/2	6	6	5	5	5	4 1/2	4 1/2	4 1/2	4 1/2	C3			
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			
K		38'-0	38'-0	37'-8	37'-8	37'-8	37'-6	37'-6	37'-6	37'-6	32'-0	32'-0	31'-8	31'-8	31'-6	31'-6	31'-6	31'-6	31'-6	K			
K1		53'-8 1/2	53'-8 1/2	53'-3 3/8	53'-3 3/8	53'-3 3/8	53'-0 3/8	53'-0 3/8	53'-0 3/8	53'-0 3/8	45'-3 3/8	45'-3 3/8	44'-9 3/8	44'-9 3/8	44'-9 3/8	44'-6 3/8	44'-6 3/8	44'-6 3/8	44'-6 3/8	K1			
P		52'-3 3/8	48'-1	43'-10 1/2	39'-7 1/2	35'-4 1/4	31'-1 1/2	26'-10 1/2	22'-7 1/2	18'-4 1/4	52'-3 3/8	48'-1	43'-10 1/2	39'-7 1/2	35'-4 1/4	31'-1 1/2	26'-10 1/2	22'-7 1/2	18'-4 1/4	P			
R		53'-9 3/8	49'-4 1/4	45'-0 3/8	40'-8 3/8	36'-3 3/8	31'-11 1/2	27'-7 1/2	23'-3	18'-10 3/8	53'-9 3/8	49'-4 1/4	45'-0 3/8	40'-8 3/8	36'-3 3/8	31'-11 1/2	27'-7 1/2	23'-3	18'-10 3/8	R			
R1		52'-5 3/8	48'-1 1/2	43'-11 1/2	39'-7	35'-2 3/4	30'-11 1/2	26'-7 1/2	22'-2 1/2	17'-10 3/8	52'-5 3/8	48'-1 1/2	43'-11 1/2	39'-7	35'-2 3/4	30'-11 1/2	26'-7 1/2	22'-2 1/2	17'-10 3/8	R1			
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		16'-11 1/2	16'-11 1/2	16'-11 1/2	16'-11 1/2	16'-11 1/2	16'-11 1/2	16'-11 1/2	16'-11 1/2	16'-11 1/2	14'-1 1/2	14'-1 1/2	14'-1 1/2	14'-1 1/2	14'-1 1/2	14'-1 1/2	14'-1 1/2	14'-1 1/2	14'-1 1/2	S1			
T		1'-2	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	T			
U		1'-0	1'-0	10	10	10	10	9	9	9	1'-0	1'-0	10	10	10	9	9	9	9	U			
V		1'-0	1'-0	10	10	10	9	9	9	9	1'-0	1'-0	10	10	10	9	9	9	9	V			
V1		1'-5	1'-5	1'-2 1/2	1'-2 1/2	1'-2 1/2	1'-0 3/4	1'-0 3/4	1'-0 3/4	1'-0 3/4	1'-5	1'-5	1'-2 1/2	1'-2 1/2	1'-2 1/2	1'-0 3/4	1'-0 3/4	1'-0 3/4	1'-0 3/4	V1			
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	9	9	B			
C		1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	9	9	9	1'-0	1'-0	C			
D		6	6	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	1'-0	6	6	6	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	E			

Reinforcement Dimensions

Bar Spacing



Plan View



Elevation Section A-A

Notes:

1. See Sheet TRRCB G2-20 for General Notes, Specifications, and Design Stresses.
2. See Sheets TRPWH 45-2-20 thru 45-5-20 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 - Triple Reinforced Concrete Box Culverts	
		Parallel Wing Headwalls	
		July, 2020	
		Dimension Table 45° Skew	TRPWH 45-1-20