

MARK	SIZE	NO LGTH K				MARK	SIZE	NO LGTH K				MARK	SIZE	NO LGTH K				MARK	SIZE	NO LGTH K				MARK	SIZE	NO LGTH K										
		①	FT	IN	FT			IN	①	FT	IN			FT	IN	①	FT			IN	FT	IN	①			FT	IN	FT	IN	①	FT	IN	FT	IN		
9' X 8'					9' X 9' (CONTINUED)					10' X 6' (CONTINUED)					10' X 8'					10' X 9' (CONTINUED)					10' X 10' (CONTINUED)											
A	5	4	13	0	G1	4	2	10	6	C2	4	4	3	2	A	5	4	13	3	E1	5	2	16	11	11	11	Q	5	6	11	4					
B1	5	8	4	0	G2	4	2	12	10	C3	4	4	5	4	B1	5	8	4	1	E2	5	2	17	5	12	5	R	5	12	4	6					
B2	5	8	5	0	G3	4	2	15	1	C4	4	4	7	4	B2	5	8	5	0	G1	4	2	12	6												
B3	5	8	5	11	G4	4	2	17	5	C5	4	4	9	6	B3	5	8	5	11	G2	4	2	14	10												
B4	5	8	6	10	G5	4	2	19	9	C6	4	8	9	8	B4	5	8	6	10	G3	4	2	17	1	11' X 4'											
B5	5	8	7	10	G6	4	3	22	0	E1	5	2	16	11	11	11	B5	5	8	7	9	G4	4	2	19	5	A	5	4	8	2					
B6	5	8	8	9	H	4	12	13	8	11	0	E2	5	2	17	5	12	5	B6	5	4	8	9	G5	4	2	21	9	C1	4	2	3	0			
C1	4	4	2	11	M	4	26	4	9	F	4	12	1	5	0	6	B7	5	4	9	2	G6	4	3	24	0	C2	4	2	5	1					
C2	4	4	5	2	N	4	16	12	11	G1	4	1	11	5	C1	4	4	1	1	H	4	13	13	10	11	2	C3	4	2	7	2					
C3	4	4	7	3	P	7	26	7	3	5	0	G2	4	2	14	0	C2	4	4	3	2	M	4	26	4	9	N	4	16	13	1	C4	4	2	7	4
C4	4	4	9	5	Q	5	5	10	2	G3	4	2	16	3	C3	4	4	5	4	P	7	26	7	3	5	0	E1	5	2	16	1	13	1			
C5	4	4	11	6	R	5	11	3	9	G4	4	2	17	11	C4	4	4	7	6	Q	5	5	11	4	R	5	12	3	10	E2	5	2	16	5	13	5
C6	4	12	11	9						G5	4	3	20	0	C5	4	4	9	7											F	4	13	0	11	0	4
E1	5	2	15	9	10	9				H	4	11	10	4	8	2	C6	4	4	11	9											G1	4	1	13	1
E2	5	2	16	3	11	3	10' X 5'					N	4	14	9	8	C7	4	12	11	11						G2	4	2	15	5					
F	4	11	1	5	0	6	A	5	4	9	3	P	5	20	5	3	3	6	E1	5	2	16	11	11	11						G3	4	2	17	9	
G1	4	1	10	6	C1	4	2	2	10	Q	5	4	11	4	E2	5	2	17	5	12	5	10' X 10'					H	4	11	7	10	6	2			
G2	4	2	12	10	C2	4	2	4	11	R	5	12	3	4	F	4	12	1	5	0	6	A	5	4	16	0	N	4	6	7	4					
G3	4	2	15	1	C3	4	2	7	1						G1	4	1	10	6	B1	5	8	5	0	Q	4	2	12	6							
G4	4	2	17	5	C4	4	2	8	4						G2	4	2	12	10	B2	5	8	6	0	R	4	13	1	3							
G5	4	2	19	9	E1	5	2	14	11	11	11	10' X 7'					G3	4	2	15	1	B3	5	8	6	11	V1	5	4	3	10	2	7			
G6	4	3	22	0	E2	5	2	15	3	12	3	A	5	4	12	0	G4	4	2	17	5	B4	5	8	7	10	V2	5	4	4	9	3	6			
H	4	12	12	8	10	0	F	4	12	0	11	0	4	B1	5	8	3	7	G5	4	2	19	9	B5	5	8	8	10	V3	5	4	5	9	4	6	
M	4	24	4	9	G1	4	2	13	0	B2	5	8	4	6	H	4	12	12	10	10	2	B6	5	8	9	9	V4	5	4	6	8	5	5			
N	4	16	11	9	G2	4	2	15	3	B3	5	8	5	5	M	4	24	4	9	N	4	16	11	11	B7	5	8	10	8							
P	6	24	6	9	4	6	G3	4	2	17	7	B4	5	8	6	5	P	7	24	6	9	4	6	B8	5	4	11	7	C1	4	4	1	5			
Q	5	5	10	2	G4	4	3	19	11	B5	5	8	7	4	Q	5	5	11	4						C2	4	4	3	7							
R	5	11	3	9	H	4	11	8	8	7	0	B6	5	4	8	3	R	5	12	3	10						C3	4	4	5	9					
					N	4	6	8	4	C1	4	4	1	0											C4	4	4	7	10							
					Q	4	2	11	4	C2	4	4	3	2											C5	4	4	10	0							
9' X 9'					R	4	12	1	2	C3	4	4	5	3	10' X 9'					C6	4	4	12	2												
A	5	4	14	3	V1	5	4	4	3	3	0	A	5	4	14	6	C7	4	4	14	3						E1	5	2	17	11	11	11			
B1	5	8	4	7	V2	5	4	5	3	4	0	B1	5	8	4	6											E2	5	2	18	8	12	8			
B2	5	8	5	6	V3	5	4	6	2	4	11	B2	5	8	5	6											F	4	12	1	11	0	8			
B3	5	8	6	5	V4	5	4	7	2	5	11	B3	5	8	6	5											G1	4	1	12	2					
B4	5	8	7	4	V5	5	2	8	0	6	9	B4	5	8	7	4											G2	4	2	14	5					
B5	5	8	8	3							B5	5	8	8	3											G3	4	2	16	9						
B6	5	8	9	2	10' X 6'					B6	5	8	9	2											G4	4	2	19	1							
B7	5	4	10	2	A	5	4	10	8	G4	4	2	19	9	B7	5	4	10	2											G5	4	2	21	4		
C1	4	4	3	0	B1	5	8	3	1	G5	4	3	22	0	C1	4	4	1	1											G6	4	2	23	8		
C2	4	4	5	2	B2	5	8	4	0	H	4	12	11	4	9	2	C2	4	4	3	2											G7	4	3	26	0
C3	4	4	7	4	B3	5	8	5	0	M	4	22	3	9	C3	4	4	5	4											H	4	14	16	0	12	4
C4	4	4	9	6	B4	5	8	5	11	N	4	14	10	10	C4	4	4	7	6											M	4	30	5	8		
C5	4	4	11	8	B5	5	4	6	11	P	6	22	5	9	4	0	C5	4	4	9	8											N	4	18	14	6
C6	4	16	12	11	B6	5	4	7	4	Q	5	4	11	4	C6	4	4	11	10											P	8	30	8	2		
E1	5	2	15	9	10	9	C1	4	4	1	0	R	5	12	3	4	C7	4	16	13	1															
E2	5	2	16	3	11	3																														
F	4	11	1	5	0	6																														

NOTES

- NUMBER OF BARS IN ONE HEADWALL.
- DIMENSIONS ARE 0. TO 0. OF BARS.
- ALL BARS ARE STRAIGHT EXCEPT THOSE SHOWN BELOW.
- R = BOX OR PIPE RISE
- W = WING WALL WIDTH

BENT BAR SHAPES

TO BE FIELD BENT

BARS (E)

BARS (F) AND (U)

BARS (H)

BARS (P) AND (V)

TO BE FIELD BENT

BARS (Y)

KENTUCKY DEPARTMENT OF HIGHWAYS

BILL OF REINFORCEMENT

9' X 8' - 11' X 4' HEADWALLS

PRECAST BOX CULVERTS

0° SKEW

STANDARD DRAWING NO. RDH-1304-03

SUBMITTED _____ DIRECTOR DIVISION OF DESIGN _____ DATE _____

APPROVED _____ STATE HIGHWAY ENGINEER _____ DATE _____