

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	①	FT	IN
3' X 2'						4' X 2' (CONTINUED)						5' X 3'						5' X 5'						6' X 4'						6' X 6'												
A	5	4	4	2		Q	4	2	4	6		A	5	4	5	10		A	5	4	8	4		A	5	4	7	4		A	5	4	10	1								
C1	4	2	1	6		R	4	5	0	9		C1	4	2	1	11		C1	4	2	2	1		C1	4	2	2	3		B1	5	8	3	1								
C2	4	2	3	6		V1	5	4	2	10	1	7	C2	4	2	4	0		C2	4	2	4	2		C2	4	2	4	3		B2	5	8	4	0							
E1	5	2	6	11	3	11	V2	5	4	3	10	2	7	C3	4	2	5	3		C3	4	2	6	4		C3	4	2	6	4		B3	5	8	5	0						
E2	5	2	7	3	4	3							E1	5	2	9	2	6	2	C4	4	4	7	6		C4	4	2	6	7		B4	5	8	5	11						
F	4	5	0	11	0	4							E2	5	2	9	7	6	7	E1	5	2	9	2	6	2	E1	5	2	10	5	7	5	B5	5	4	6	10				
G1	4	2	4	0									F	4	7	0	11	0	4	E2	5	2	9	7	6	7	E2	5	2	10	9	7	9	C1	4	4	2	7				
G2	4	3	6	0			4' X 3'						G1	4	2	6	7		F	4	7	0	11	0	4	F	4	8	0	11	0	4	C2	4	4	4	8					
H	4	4	4	8	3	0	A	5	4	5	7		G2	4	2	8	11		G1	4	3	7	5		G1	4	2	8	0		C3	4	4	6	9							
N	4	6	3	8			C1	4	2	1	10		G3	4	2	10	0		G2	4	2	9	9		G2	4	2	10	0		C4	4	4	8	10							
Q	4	2	3	4			C2	4	2	3	10		H	4	6	6	0	4	4	G3	4	3	12	0		G3	4	3	12	0		C5	4	8	9	1						
R	4	4	0	9			C3	4	2	5	0		Q	4	2	5	8		H	4	7	8	0	6	4	H	4	7	7	2	5	6	E1	5	2	12	5	7	5			
V1	5	4	2	10	1	7	E1	5	2	8	1	5	1	R	4	6	0	10		Q	4	2	5	8		Q	4	2	6	10		E2	5	2	12	11	7	11				
V2	5	4	3	10	2	7	E2	5	2	8	5	5	5	V1	5	4	3	4	2	1	R	4	6	0	10		R	4	8	0	11		F	4	8	1	5	0	6			
							F	4	6	0	11	0	4	V2	5	4	4	3	3	0	V1	5	4	4	3	3	0	V1	5	4	3	10	2	7	G1	4	2	9	1			
							G1	4	3	5	10			V3	5	2	5	3	4	0	V2	5	4	5	3	4	0	V2	5	4	4	9	3	6	G2	4	2	11	4			
3' X 3'						G2	4	3	8	2									V3	5	4	6	2	4	11	V3	5	4	5	9	4	6	G3	4	2	13	8					
A	5	4	5	5			H	4	5	5	10	4	2						V4	5	4	7	2	5	11	V4	5	2	6	8	5	5	H	4	9	9	10	7	8			
C1	4	2	1	7			N	4	6	5	0			5' X 4'																												
C2	4	2	3	7			Q	4	2	4	6			A	5	4	7	1																								
C3	4	2	4	10			R	4	5	0	9			C1	4	2	2	1																								
E1	5	2	6	11	3	11	V1	5	4	3	4	2	1	C2	4	2	4	1																								
E2	5	2	7	3	4	3	V2	5	4	4	4	3	1	C3	4	2	6	2																								
F	4	5	0	11	0	4	V3	5	2	5	3	4	0	C4	4	2	6	4																								
G1	4	2	4	7										E1	5	2	9	2	6	2																						
G2	4	2	6	11			4' X 4'						E2	5	2	9	7	6	7																							
G3	4	2	8	0			A	5	4	6	10			F	4	7	0	11	0	4																						
H	4	5	5	8	4	0	C1	4	2	1	10			G1	4	2	7	5																								
N	4	6	4	10			C2	4	2	3	11			G2	4	2	9	9																								
Q	4	2	3	4			C3	4	2	6	0			H	4	7	7	0	5	4																						
R	4	4	0	8			C4	4	2	6	2			N	4	6	6	4																								
V1	5	4	3	4	2	1	E1	5	2	8	1	5	1	Q	4	2	5	8																								
V2	5	4	4	4	3	1	E2	5	2	8	5	5	5	R	4	6	0	10																								
V3	5	2	5	4	4	1	F	4	6	0	11	0	4	V1	5	4	3	10	2	7																						
							G1	4	2	5	5			V2	5	4	4	9	3	6																						
							G2	4	2	7	9			V3	5	4	5	9	4	6																						
4' X 2'						G3	4	3	10	0			V4	5	2	6	9	5	6																							
A	5	4	4	4			H	4	6	6	10	5	2																													
C1	4	2	1	9			N	4	6	6	2																															
C2	4	2	3	8			Q	4	2	4	6																															
E1	5	2	8	1	5	1	R	4	5	0	9																															
E2	5	2	8	5	5	5	V1	5	4	3	10	2	7																													
F	4	6	0	11	0	4	V2	5	4	4	9	3	6																													
G1	4	2	5	9			V3	5	4	5	9	4	6																													
G2	4	3	8	0																																						
H	4	5	5	0	3	4																																				

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
3' X 2' - 7' X 4' HEADWALLS
PRECAST BOX CULVERTS
0° SKEW*

STANDARD DRAWING NO. RDH-1300-03

SUBMITTED _____ DIRECTOR DIVISION OF DESIGN _____ DATE _____

APPROVED _____ STATE HIGHWAY ENGINEER _____ DATE _____