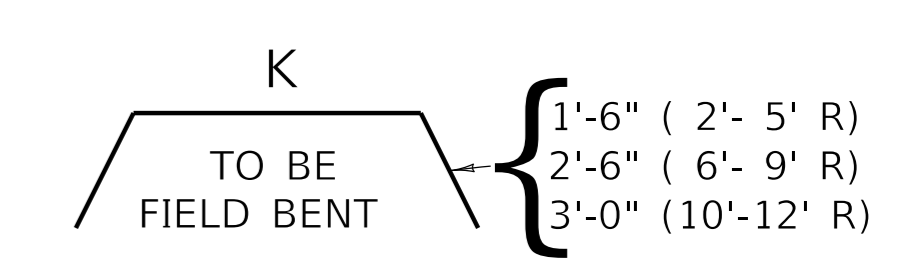


MARK	SIZE	NO LGTH				K	MARK	SIZE	NO LGTH				K	MARK	SIZE	NO LGTH				K	MARK	SIZE	NO LGTH				K						
		①	FT	IN	FT				IN	①	FT	IN				FT	IN	①	FT				IN	FT	IN	①		FT	IN	FT	IN	①	FT
9' X 7'						9' X 7' (CONTINUED)						9' X 8' (CONTINUED)						9' X 8' (CONTINUED)						9' X 9' (CONTINUED)									
A1	5	2	11	2		S6	5	2	9	3		G3	4	2	25	7		T15	5	2	11	0		K1	4	2	3	0					
A2	5	2	19	10		S7	5	2	10	8		G4	4	2	28	4		X1	4	1	2	5	1	0	K2	4	2	5	0				
B1	5	4	3	5		S8	5	2	12	1		G5	4	2	31	3		X2	4	1	2	11	1	3	K3	4	2	6	11				
B2	5	4	4	0		S9	5	2	13	6		G6	4	3	34	0		X3	4	1	3	3	1	5	K4	4	2	8	10				
B3	5	4	4	7		S10	5	2	14	11		H	4	18	13	10	11	2	X4	4	1	3	9	1	8	K5	4	2	10	9			
B4	5	4	5	1		S11	5	2	15	9		J1	5	4	4	0		X5	4	1	4	1	1	10	K6	4	8	11	10				
B5	5	4	5	7		T1	5	2	1	8		J2	5	4	5	1		X6	4	1	4	5	2	0	M1	4	1	2	11				
B6	5	4	6	2		T2	5	2	2	4		J3	5	4	6	2		X7	4	1	4	11	2	3	M2	4	50	4	9				
B7	5	4	6	8		T3	5	2	3	0		J4	5	4	7	2		Z	4	2	9	2	8	2	N1	4	8	11	11				
B8	5	4	7	3		T4	5	2	3	9		J5	5	4	8	3									N2	4	5	35	4				
B9	5	4	7	9		T5	5	2	4	6		J6	5	2	9	3									N3	4	3	39	3				
B10	5	34	8	3		T6	5	2	5	2		K1	4	2	1	1									P	7	51	7	3	5	0		
C1	4	2	17	11		T7	5	2	5	11		K2	4	2	3	0		9' X 9'						Q	5	5	10	2					
C2	4	2	21	7		T8	5	2	6	7		K3	4	2	5	0		A1	5	2	13	5			S1	5	2	2	2				
C3	4	2	25	4		T9	5	2	7	4		K4	4	2	6	10		A2	5	2	24	0			S2	5	2	3	7				
C4	4	2	29	0		T10	5	2	8	0		K5	4	2	8	9		B1	5	4	4	6			S3	5	2	5	0				
C5	4	2	32	9		T11	5	2	8	9		K6	4	2	10	8		B2	5	4	5	0			S4	5	2	6	5				
C6	4	6	35	0		T12	5	2	9	5		K7	4	6	10	11		B3	5	4	5	6			S5	5	2	7	10				
E1	5	2	25	6	20	6	T13	5	2	10	2		M1	4	1	2	10		B4	5	4	6	0			S6	5	2	9	3			
E2	5	2	26	3	21	3	T14	5	2	10	10		M2	4	47	4	9		B5	5	4	6	7			S7	5	2	10	8			
F	4	21	1	5	0	6	T15	5	2	11	0		N1	4	8	10	11		B6	5	4	7	1			S8	5	2	12	1			
G1	4	2	22	3								N2	4	5	33	4		B7	5	4	7	8			S9	5	2	13	6				
G2	4	2	25	2								N3	4	3	37	3		B8	5	4	8	2			S10	5	2	14	11				
G3	4	2	28	1								P	6	48	6	9	4	6	B9	5	4	8	9			S11	5	2	15	9			
G4	4	2	31	0								Q	5	5	10	2		B10	5	4	9	3			T1	5	2	1	8				
G5	4	3	34	0								R	5	11	4	3		B11	5	4	9	10			T2	5	2	2	4				
H	4	18	12	4	10	2	9' X 8'						S2	5	2	3	7		B12	5	34	10	3			T3	5	2	3	0			
J1	5	4	3	6		A1	5	2	12	3		S1	5	2	2	2		C1	4	2	17	11			T4	5	2	3	9				
J2	5	4	4	7		A2	5	2	21	11		S2	5	2	3	7		C2	4	2	21	9			T5	5	2	4	6				
J3	5	4	5	8		B1	5	4	4	0		S3	5	2	5	0		C3	4	2	25	4			T6	5	2	5	2				
J4	5	4	6	9		B2	5	4	4	6		S4	5	2	6	5		C4	4	2	29	1			T7	5	2	5	11				
J5	5	4	7	9		B3	5	4	5	0		S5	5	2	7	10		C5	4	2	32	11			T8	5	2	6	7				
K1	4	2	3	0		B4	5	4	5	6		S6	5	2	9	3		C6	4	2	36	9			T9	5	2	7	4				
K2	4	2	4	11		B5	5	4	6	1		S7	5	2	10	8		C7	4	8	39	0			T10	5	2	8	0				
K3	4	2	6	10		B6	5	4	6	8		S8	5	2	12	1		E1	5	2	25	6	20	6	T11	5	2	8	9				
K4	4	2	8	8		B7	5	4	7	2		S9	5	2	13	6		E2	5	2	26	3	21	3	T12	5	2	9	5				
K5	4	6	9	10		B8	5	4	7	9		S10	5	2	14	11		F	4	21	1	5	0	6	T13	5	2	10	2				
M1	4	2	2	4		B9	5	4	8	3		S11	5	2	15	9		G1	4	2	21	9			T14	5	2	10	10				
M2	4	43	3	9		B10	5	4	8	9		T1	5	2	1	8		G2	4	2	24	7			T15	5	2	11	0				
N1	4	7	9	10		B11	5	34	9	3		T2	5	2	2	4		G3	4	2	27	5			X1	4	1	2	5	1	0		
N2	4	5	32	1		C1	4	2	18	0		T3	5	2	3	0		G4	4	2	30	3			X2	4	1	2	9	1	2		
N3	4	2	35	3		C2	4	2	21	9		T4	5	2	3	9		G5	4	2	33	1			X3	4	1	3	3	1	5		
P	5	45	5	9	4	0	C3	4	2	25	5		T5	5	2	4	6		G6	4	3	36	0			X4	4	1	3	7	1	7	
Q	5	5	10	2		C4	4	2	29	2		T6	5	2	5	2		H	4	19	14	10	12	2	X5	4	1	3	11	1	9		
R	5	11	3	9		C5	4	2	32	10		T7	5	2	5	11		J1	5	4	4	6			X6	4	1	4	3	1	11		
S1	5	2	2	2		C6	4	2	36	6		T8	5	2	6	7		J2	5	4	5	7			X7	4	1	4	7	2	1		
S2	5	2	3	7		C7	4	6	37	1		T9	5	2	7	4		J3	5	4	6	7			X8	4	1	4	11	2	3		
S3	5	2	5	0		E1	5	2	25	6	20	6	T10	5	2	8	0		J4	5	4	7	8			Z	4	2	10	2	9	2	
S4	5	2	6	5		E2	5	2	26	3	21	3	T11	5	2	8	9		J5	5	4	8	8										
S5	5	2	7	10		F	4	21	1	5	0	6	T12	5	2	9	5		J6	5	4	9	9										
						G1	4	1	20	0		T13	5	2	10	2																	
						G2	4	2	22	9		T14	5	2	10	10																	

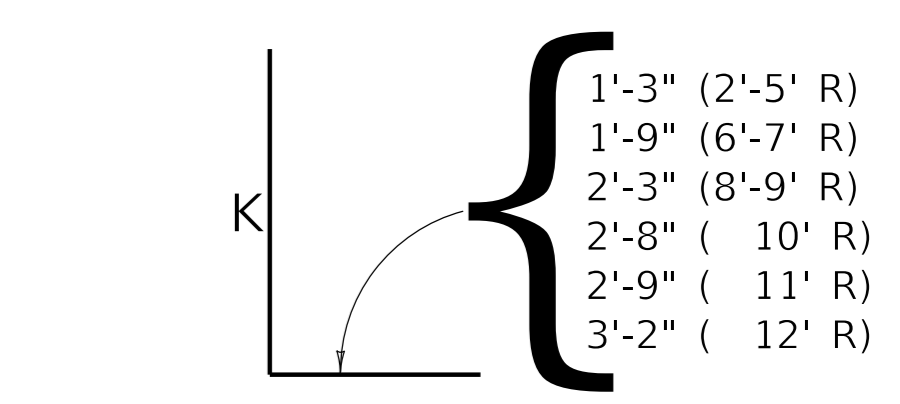
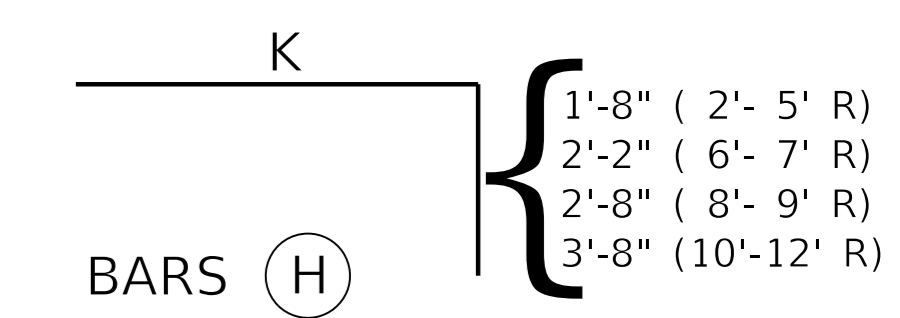
NOTES

- ① NUMBER OF BARS IN ONE HEADWALL.
- 2 DIMENSIONS ARE 0. TO 0. OF BARS.
- 3 ALL BARS ARE STRAIGHT EXCEPT THOSE SHOWN BELOW.
- 4 R = BOX OR PIPE RISE
- 5 W = WING WALL WIDTH

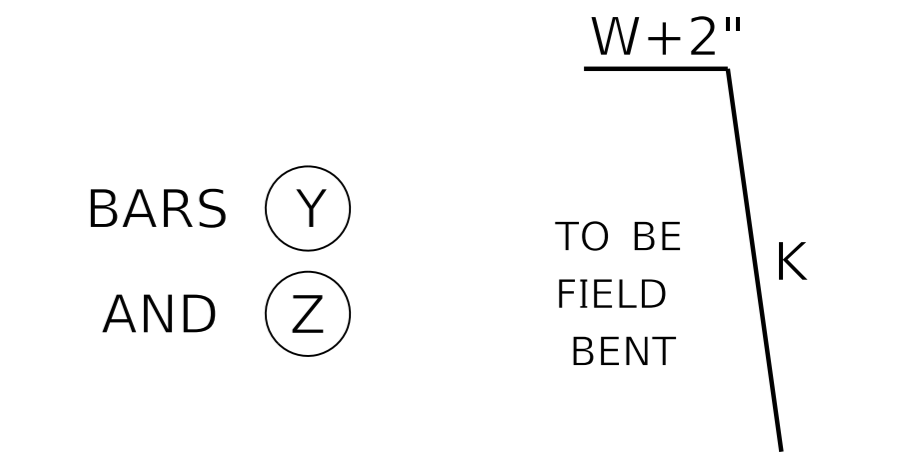
BENT BAR SHAPES



BARS (F), (U) AND (X)



BARS (P), (V) AND (W)



BARS (Y) AND (Z)

**KENTUCKY
DEPARTMENT OF HIGHWAYS**

*BILL OF REINFORCEMENT
9' X 7' - 9' X 9' HEADWALLS
PRECAST BOX CULVERTS
45° SKEW*

STANDARD DRAWING NO. RDH-1358-03

SUBMITTED _____ DIRECTOR DIVISION OF DESIGN _____ DATE _____

APPROVED _____ STATE HIGHWAY ENGINEER _____ DATE _____