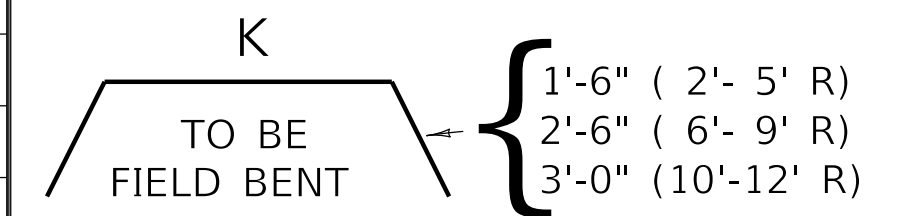


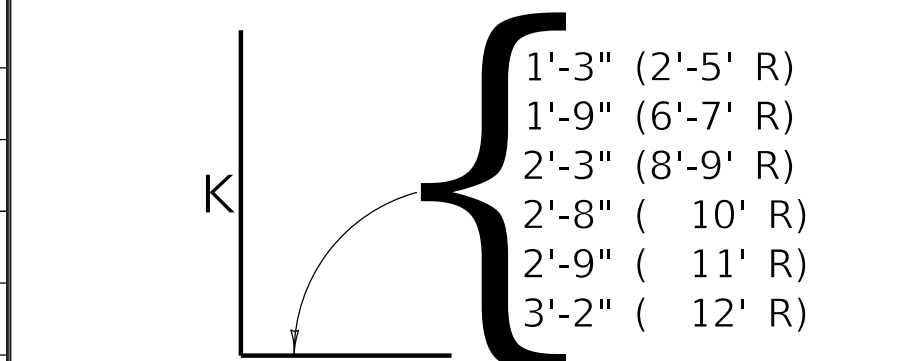
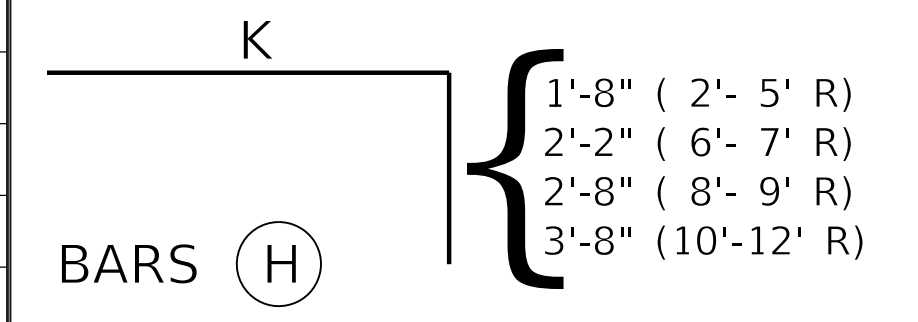
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		①	FT	IN	FT				IN	①	FT	IN				FT	IN	①	FT				IN	FT	IN	①		FT	IN	FT	IN	①	FT	IN	FT	IN							
7' X 5'						7' X 6'						7' X 6' (CONTINUED)						7' X 7' (CONTINUED)						8' X 4' (CONTINUED)						8' X 5' (CONTINUED)													
A1	5	2	8	7		A1	5	2	9	6		T1	5	2	1	3		P	5	30	5	9	4	0	S4	5	2	3	8		S2	5	2	2	3								
A2	5	2	11	5		A2	5	2	12	8		T2	5	2	2	7		Q	5	5	8	0		S5	5	2	4	5		S3	5	2	3	0									
C1	4	1	7	9		B1	5	4	3	0		T3	5	2	4	0		R	5	9	3	6		S6	5	2	5	1		S4	5	2	3	8									
C2	4	1	10	4		B2	5	4	3	9		T4	5	2	5	5		S1	5	2	1	2		S7	5	2	5	10		S5	5	2	4	5									
C3	4	1	12	11		B3	5	4	4	7		T5	5	2	6	10		S2	5	2	1	11		S8	5	2	6	6		S6	5	2	5	1									
C4	4	1	15	6		B4	5	4	5	4		T6	5	2	8	4		S3	5	2	2	7		T1	5	2	1	9		S7	5	2	5	10									
C5	4	2	17	2		B5	5	4	6	1		T7	5	2	9	0		S4	5	2	3	4		T2	5	2	3	2		S9	5	2	7	0									
E1	5	2	14	8	11	8	B6	5	4	6	11							S5	5	2	4	0		T3	5	2	4	7		T1	5	2	1	9									
E2	5	2	15	0	12	0	B7	5	14	7	2							S6	5	2	4	8		T4	5	2	6	0		T2	5	2	3	2									
F	4	12	1	3	0	6	C1	4	2	7	10							S7	5	2	5	5		T5	5	2	7	5		T3	5	2	4	7									
G1	4	2	12	3			C2	4	2	10	5		7' X 7'						S8	5	2	6	2		T6	5	2	8	10		T4	5	2	6	0								
G2	4	2	14	2			C3	4	2	13	1		A1	5	2	10	8		T1	5	2	1	3		V1	5	2	3	9	2	6	T5	5	2	7	5							
G3	4	2	16	2			C4	4	2	15	7		A2	5	2	14	2		T2	5	2	2	7		V2	5	2	4	6	3	3	T6	5	2	8	10							
G4	4	3	18	0			C5	4	2	18	2		B1	5	4	3	6		T3	5	2	4	0		V3	5	2	5	3	4	0	V1	5	2	4	3	3	0					
H	4	10	9	8	8	0	C6	4	4	18	6		B2	5	4	4	3		T4	5	2	5	5		V4	5	2	6	1	4	10	V2	5	2	5	0	3	9					
K1	4	1	2	8			E1	5	2	16	8	11	8	B3	5	4	5	0		T5	5	2	6	10		V5	5	9	6	11	5	8	V3	5	2	5	9	4	6				
K2	4	1	4	7			E2	5	2	17	3	12	3	B4	5	4	5	10		T6	5	2	8	4		W1	5	2	3	10	2	7	V4	5	2	6	6	5	3				
K3	4	1	6	5			F	4	12	1	5	0	6	B5	5	4	6	7		T7	5	2	9	0		W2	5	2	4	11	3	8	V5	5	2	7	4	6	1				
K4	4	2	7	6			G1	4	1	10	9			B6	5	4	7	4							W3	5	2	6	0	4	9	V6	5	8	7	10	6	7					
N1	4	3	7	6			G2	4	2	12	6			B7	5	16	8	2							W4	5	1	7	1	5	10	W1	5	2	4	4	3	1					
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Q	4	2	8	0			G4	4	2	16	2			C2	4	2	10	6		8' X 4'										W6	5	2	6	6	5	3	W3	5	2	6	6	5	3
R	4	9	1	3			G5	4	3	18	0			C3	4	2	13	1		A1	5	2	7	5			W7	5	2	7	7	6	4	W4	5	2	7	7	6	4			
S1	5	2	1	7			H	4	10	11	2	9	0	C4	4	2	15	8		A2	5	2	9	11		8' X 5'																	
S2	5	2	2	3			J1	5	4	3	1			C5	4	2	18	4		C1	4	1	8	5		A1	5	2	8	6													
S3	5	2	3	0			J2	5	4	4	2			C6	4	6	19	11		C2	4	1	11	0		A2	5	2	11	5													
S4	5	2	3	8			J3	5	4	5	3			E1	5	2	16	8	11	8	C3	4	1	13	6		C1	4	1	8	5												
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T5	5	2	7	10			M2	4	27	3	9			J1	5	4	3	7			G4	4	3	18	0		G2	4	2	16	0												
T6	5	2	8	10			N1	4	7	8	4			J2	5	4	4	8			H	4	10	8	8	7	0	G3	4	2	18	0											
V1	5	2	4	3	3	0	N2	4	5	16	7			J3	5	4	5	9			K1	4	1	2	8		G4	4	3	20	0												
V2	5	2	5	0	3	9	N3	4	2	18	8			J4	5	4	6	10			K2	4	1	4	6		H	4	11	9	8	8	0										
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V4	5	2	6	7	5	4	Q	5	5	8	0			K1	4	2	2	8			K4	4	1	6	6		K2	4	1	4	7												
V5	5	2	7	4	6	1	R	5	9	3	6			K2	4	2	4	6			N1	4	3	6	6		K3	4	1	6	5												
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W1	5	2	4	4	3	1	S2	5	2	1	11			K4	4	2	8	2			Q	4	2	9	0		N1	4	3	7	6												
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							S6	5	2	4	8			N1	4	7	9	4			S3	5	2	3	0		S1	5	2	1	7												
							S7	5	2	5	5			N2	4	5	18	0								S2	5	2	2	3													
							S8	5	2	6	2														S3	5	2	3	0														

- 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

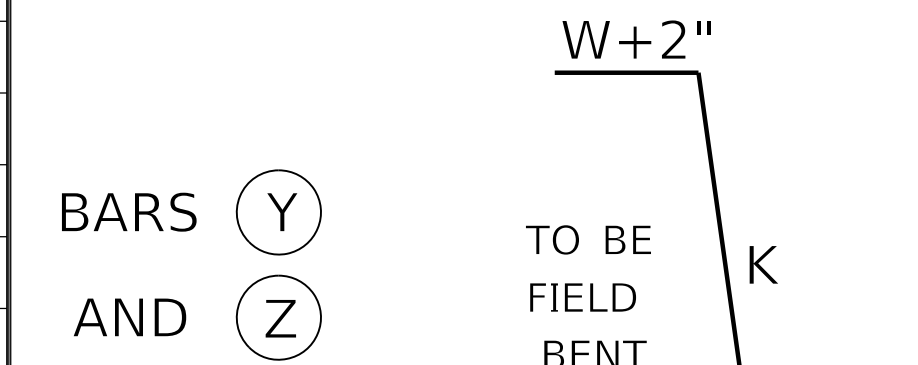
**BENT BAR SHAPES**



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



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



**KENTUCKY DEPARTMENT OF HIGHWAYS**  
 BILL OF REINFORCEMENT  
 7' X 5' - 8' X 5' HEADWALLS  
 PRECAST BOX CULVERTS  
 30° SKEW