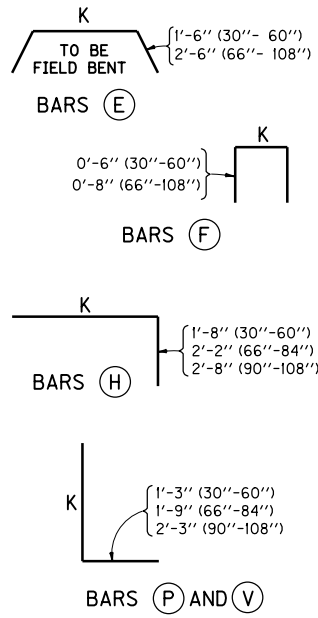
MARK	SIZE	NO (1)	LGTH FT	LGTH IN	K FT	K IN
96″						
A	5	4	13	0		
B1	5	8	4	1		
B2	5	8	5	0		
B3	5	8	5	11		
B4	5	8	6	10		
B5	5	8	7	10		
B6	5	8	8	9		
C1	4	4	3	0		
C2	4	4	5	2		
C3	4	4	7	3		
C4	4	4	9	5		
C5	4	4	11	7		
C6	4	12	11	9		
E1	5	2	14	9	9	9
E2	5	2	15	3	10	3
F	4	10	1	9	0	6
G1	4	3	10	9		
G2	4	3	14	3		
G3	4	3	17	9		
G4	4	3	20	0		
H	4	10	12	8	10	0
M	4	24	4	9		
N	4	16	11	9		
P	6	24	6	9	4	6
Q	5	4	9	2		
R	5	10	3	3		
102″						
A	5	4	13	9		
B1	5	8	4	4		
B2	5	8	5	3		
B3	5	8	6	2		
B4	5	8	7	2		
B5	5	8	8	1		
B6	5	8	9	0		
B7	5	4	9	11		
C1	4	4	2	0		
C2	4	4	4	2		
C3	4	4	6	4		
C4	4	4	8	6		
C5	4	4	10	7		
C6	4	16	12	5		
E1	5	2	15	4	10	4
E2	5	2	15	10	10	10
F	4	10	1	9	0	6
G1	4	3	12	1		
G2	4	3	15	8		

MARK	SIZE	NO (1)	LGTH FT	LGTH IN	K FT	K IN
102″ (CONTINUED)						
G3	4	3	19	2		
G4	4	3	21	7		
H	4	11	13	3	10	7
M	4	26	4	9		
N	4	16	12	5		
P	7	26	7	0	4	9
Q	5	4	9	9		
R	5	10	3	4		
108″						
A	5	4	14	6		
B1	5	8	4	7		
B2	5	8	5	6		
B3	5	8	6	5		
B4	5	8	7	4		
B5	5	8	8	3		
B6	5	8	9	3		
B7	5	8	10	2		
C1	4	4	3	3		
C2	4	4	5	5		
C3	4	4	7	7		
C4	4	4	9	8		
C5	4	4	11	10		
C6	4	16	13	1		
E1	5	2	15	10	10	10
E2	5	2	16	5	11	5
F	4	11	1	9	0	6
G1	4	1	9	10		
G2	4	3	13	4		
G3	4	3	16	10		
G4	4	3	20	3		
G5	4	3	22	7		
H	4	11	13	10	11	2
M	4	28	4	9		
N	4	16	13	1		
P	7	28	7	3	5	0
Q	5	4	10	4		
R	5	11	3	4		

NOTES

1. NUMBER OF BARS IN ONE HEADWALL.
2. DIMENSIONS ARE O. TO O. OF BARS.
3. ALL BARS ARE STRAIGHT EXCEPT THOSE SHOWN BELOW.

BENT BAR SHAPES



(USE WITH CURRENT RDH-110)

KENTUCKY
DEPARTMENT OF HIGHWAYS

BILL OF REINFORCEMENT
96″ TO 108″ DIAMETER
CIRCULAR PIPE HEADWALLS
0° SKEW

STANDARD DRAWING NO. RDH-312-04

SUBMITTED John B Sachatich — DIRECTOR DIVISION OF DESIGN — 12-1-99 DATE

APPROVED J M Yowell — STATE HIGHWAY ENGINEER — 12-1-99 DATE