BOX SIZE (1)	CONCRETE 2 HEADWALLS (2)	(3)	(4)	(5)	(6)	REINFORCEMENT 2 HEADWALLS (7)	(8)
3 x 2	5.29	0.98	———	———	———	467	———
3 x 3	6.83	1.08	———	———	———	595	———
4 x 2	6.60	1.15	———	———	———	581	———
4 x 3	8.29	1.25	———	———	———	682	———
4 x 4	10.21	1.35	———	———	———	835	———
5 x 3	9.90	1.43	———	———	———	821	———
5 x 4	11.96	1.53	———	———	———	982	———
5 x 5	14.25	1.62	———	———	———	1116	———
6 x 3	11.65	1.60	———	———	———	955	———
6 x 4	13.86	1.70	———	———	———	1123	———
6 x 5	16.30	1.80	———	———	———	1279	———
6 x 6	28.16	2.60	2.74	3.71	26.53	2526	344
7 x 4	15.92	1.87	———	———	———	1253	———
7 x 5	18.50	1.97	———	———	———	1436	———
7 x 6	31.04	2.79	3.18	3.93	29.01	2765	351
7 x 7	34.68	2.90	3.66	4.20	32.32	3163	421
8 x 4	17.44	2.01	———	———	———	1388	———
8 x 5	20.13	2.11	———	———	———	1574	———
8 x 6	33.19	2.94	3.49	4.08	30.84	2933	391
8 x 7	36.90	3.06	4.00	4.35	34.20	3378	464
8 x 8	44.65	4.37	4.08	6.20	42.41	4170	508

BOX SIZE (1)	CONCRETE 2 HEADWALLS (2)	(3)	(4)	(5)	(6)	REINFORCEMENT 2 HEADWALLS (7)	(8)
9 X 5	22.59	2.28	———	———	———	1754	———
9 X 6	36.36	3.14	3.94	4.31	33.58	3214	435
9 X 7	40.19	3.25	4.50	4.57	37.01	3594	472
9 X 8	48.79	4.63	4.60	6.50	46.06	4453	549
9 X 9	53.38	4.78	5.17	6.86	50.28	5254	601
10 X 5	25.21	2.45	———	———	———	1904	———
10 X 6	39.70	3.34	4.41	4.53	36.48	3470	479
10 X 7	43.64	3.45	5.01	4.80	39.98	4035	520
10 X 8	52.57	4.89	5.13	6.80	49.35	5002	613
10 X 9	57.28	5.04	5.74	7.15	53.65	5595	657
10 X 10	75.63	7.82	6.15	11.08	72.74	7001	770
11 X 4	24.86	2.53	———	———	———	1911	———
11 X 6	43.21	3.53	4.89	4.75	39.53	3741	523
11 X 8	56.54	5.15	5.67	7.09	52.80	5316	666
11 X 10	80.45	8.20	6.77	11.51	76.99	7270	832
11 X 11	94.18	8.30	7.57	11.78	90.10	8203	881
12 X 4	27.66	2.70	———	———	———	2133	———
12 X 6	46.90	3.73	5.39	4.97	42.76	4020	568
12 X 8	60.68	5.41	6.23	7.39	56.42	5712	720
12 X 10	85.47	8.58	7.41	11.94	81.42	7651	895
12 X 12	123.25	8.49	8.92	11.98	117.82	9593	998

(1) PRECAST CONCRETE BOX CULVERT SECTIONS EQUALS THE INTERIOR SPAN (S) BY THE INTERIOR RISE (R) IN FEET.
(2) CU. YDS. OF CONCRETE IN TWO HEADWALLS WITH PAVING.
(3) CU. YDS. OF CONCRETE IN TWO APRONS (HEADWALLS WITH PAVING).
(4) CU. YDS. OF CONCRETE IN TWO PAVED AREAS OF THE HEADWALLS.
(5) CU. YDS. OF CONCRETE IN TWO APRONS (HEADWALLS WITHOUT PAVING).
(6) CU. YDS. OF CONCRETE IN TWO HEADWALLS WITHOUT PAVING.
(7) POUNDS OF REINFORCING STEEL IN TWO HEADWALLS WITH PAVING.
(8) POUNDS OF REINFORCING STEEL TO DEDUCT WHEN PAVING FOR TWO HEADWALLS IS ELIMINATED.

KENTUCKY
DEPARTMENT OF HIGHWAYS

QUANTITIES
3' x 2' – 12' x 12' H-WALLS
PRECAST BOX CULVERTS
30° SKEW

STANDARD DRAWING NO. RDH-1210-02

SUBMITTED _____ DIRECTOR DIVISION OF DESIGN _____ DATE

APPROVED _____ STATE HIGHWAY ENGINEER _____ DATE