

BOX SIZE ①	CONCRETE 2 HEADWALLS					REINFORCEMENT 2 HEADWALLS	
	②	③	④	⑤	⑥	⑦	⑧
3 x 2	4.15	0.83	—	—	—	371	—
3 x 3	5.44	0.91	—	—	—	475	—
4 x 2	5.05	0.97	—	—	—	448	—
4 x 3	6.44	1.06	—	—	—	534	—
4 x 4	8.04	1.14	—	—	—	661	—
5 x 3	7.53	1.20	—	—	—	637	—
5 x 4	9.23	1.28	—	—	—	769	—
5 x 5	11.15	1.37	—	—	—	887	—
6 x 3	8.70	1.34	—	—	—	719	—
6 x 4	10.51	1.42	—	—	—	830	—
6 x 5	12.53	1.51	—	—	—	982	—
6 x 6	22.48	2.26	2.21	3.31	21.33	1967	270
7 x 4	11.88	1.57	—	—	—	933	—
7 x 5	14.00	1.65	—	—	—	1057	—
7 x 6	24.40	2.42	2.57	3.50	22.91	2129	310
7 x 7	27.46	2.51	2.96	3.74	25.73	2433	336
8 x 4	12.82	1.68	—	—	—	1053	—
8 x 5	15.01	1.76	—	—	—	1139	—
8 x 6	25.71	2.54	2.82	3.62	23.97	2201	315
8 x 7	28.82	2.63	3.24	3.87	26.81	2549	382
8 x 8	35.47	3.79	3.28	5.53	33.93	3239	418

BOX SIZE ①	CONCRETE 2 HEADWALLS					REINFORCEMENT 2 HEADWALLS	
	②	③	④	⑤	⑥	⑦	⑧
9 X 5	16.63	1.90	—	—	—	1266	—
9 X 6	27.77	2.70	3.19	3.81	25.68	2381	357
9 X 7	30.96	2.79	3.65	4.05	28.57	2694	385
9 X 8	37.85	4.00	3.70	5.78	35.93	3394	469
9 X 9	41.66	4.12	4.17	6.10	39.46	4022	498
10 X 5	18.35	2.05	—	—	—	1328	—
10 X 6	29.93	2.86	3.58	3.99	27.49	2541	401
10 X 7	33.20	2.95	4.07	4.24	30.42	2996	434
10 X 8	40.34	4.21	4.14	6.02	38.01	3818	520
10 X 9	44.22	4.34	4.64	6.35	41.59	4257	554
10 X 10	59.12	6.77	4.96	9.87	57.26	5286	602
11 X 4	17.65	2.10	—	—	—	1308	—
11 X 6	32.19	3.02	3.97	4.18	29.38	2692	403
11 X 8	42.92	4.43	4.58	6.27	40.18	3926	526
11 X 10	62.30	7.08	5.47	10.23	59.98	5480	670
11 X 11	74.61	7.18	6.12	10.49	71.81	6336	702
12 X 4	19.47	2.25	—	—	—	1468	—
12 X 6	34.56	3.18	4.38	4.36	31.36	2921	468
12 X 8	45.61	4.64	5.04	6.52	42.45	4246	598
12 X 10	66.55	7.39	5.98	10.59	63.76	5915	730
12 X 12	99.18	7.34	7.20	10.67	95.30	7588	876

- 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		
<i>QUANTITIES 3' x 2' - 12' x 12' H-WALLS PRECAST BOX CULVERTS 15° SKEW</i>		
STANDARD DRAWING NO. RDH-1205-02		
SUBMITTED _____	DIRECTOR DIVISION OF DESIGN _____	DATE _____
APPROVED _____	STATE HIGHWAY ENGINEER _____	DATE _____