

BOX SIZE ①	CONCRETE 2 HEADWALLS					REINFORCEMENT 2 HEADWALLS	
	②	③	④	⑤	⑥	⑦	⑧
3 x 2	7.66	1.37	—	—	—	682	—
3 x 3	9.79	1.51	—	—	—	836	—
4 x 2	9.76	1.61	—	—	—	855	—
4 x 3	12.12	1.76	—	—	—	1023	—
4 x 4	14.78	1.90	—	—	—	1213	—
5 x 3	14.71	2.00	—	—	—	1244	—
5 x 4	17.59	2.15	—	—	—	1443	—
5 x 5	20.78	2.29	—	—	—	1672	—
6 x 3	17.55	2.25	—	—	—	1458	—
6 x 4	20.67	2.39	—	—	—	1672	—
6 x 5	24.08	2.54	—	—	—	1903	—
6 x 6	39.83	3.47	4.05	4.71	37.03	3606	453
7 x 4	24.01	2.64	—	—	—	1808	—
7 x 5	27.65	2.79	—	—	—	2153	—
7 x 6	44.50	3.75	4.67	5.02	41.10	4010	536
7 x 7	49.45	3.91	5.37	5.36	45.52	4518	580
8 x 4	26.61	2.83	—	—	—	2122	—
8 x 5	30.41	2.98	—	—	—	2373	—
8 x 6	48.14	3.97	5.11	5.23	44.30	4305	577
8 x 7	53.23	4.13	5.86	5.57	48.81	4833	627
8 x 8	64.11	5.87	6.04	7.83	60.03	5959	729

BOX SIZE ①	CONCRETE 2 HEADWALLS					REINFORCEMENT 2 HEADWALLS	
	②	③	④	⑤	⑥	⑦	⑧
9 X 5	34.44	3.22	—	—	—	2652	—
9 X 6	53.33	4.24	5.75	5.54	48.87	4710	623
9 X 7	58.61	4.41	6.56	5.88	53.51	5291	717
9 X 8	69.97	6.24	6.77	8.24	65.20	6440	784
9 X 9	76.20	6.46	7.62	8.69	70.82	7566	887
10 X 5	38.73	3.47	—	—	—	2996	—
10 X 6	58.82	4.52	6.42	5.85	53.72	5143	670
10 X 7	64.29	4.68	7.29	6.18	58.49	5991	769
10 X 8	76.14	6.61	7.53	8.65	70.65	7345	885
10 X 9	82.56	6.83	8.43	9.10	76.40	8098	948
10 X 10	107.47	10.51	9.07	13.96	101.86	9907	1087
11 X 4	38.80	3.57	—	—	—	2550	—
11 X 6	64.61	4.80	7.11	6.15	58.85	5587	716
11 X 8	82.61	6.98	8.30	9.06	76.38	7869	942
11 X 10	115.31	11.05	9.96	14.56	108.87	10514	1153
11 X 11	134.04	11.15	11.13	14.87	126.62	11723	1277
12 X 4	43.41	3.82	—	—	—	3397	—
12 X 6	70.70	5.08	7.81	6.46	64.28	6159	840
12 X 8	89.38	7.35	9.10	9.47	82.40	8518	1036
12 X 10	123.48	11.59	10.86	15.16	116.18	11234	1220
12 X 12	177.08	11.40	13.12	15.07	167.63	13937	1478

- 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 45° SKEW</i>		
STANDARD DRAWING NO. RDH-1215-02		
SUBMITTED _____	DIRECTOR DIVISION OF DESIGN _____	DATE _____
APPROVED _____	STATE HIGHWAY ENGINEER _____	DATE _____