

BOX SIZE ①	CONCRETE 2 HEADWALLS					REINFORCEMENT 2 HEADWALLS	
	②	③	④	⑤	⑥	⑦	⑧
3 X 2	3.17	0.82	—	—	—	271	—
3 X 3	4.39	0.94	—	—	—	365	—
4 X 2	3.74	0.96	—	—	—	311	—
4 X 3	5.06	1.07	—	—	—	389	—
4 X 4	6.60	1.18	—	—	—	497	—
5 X 3	5.76	1.20	—	—	—	430	—
5 X 4	7.39	1.32	—	—	—	576	—
5 X 5	9.24	1.43	—	—	—	681	—
6 X 3	6.51	1.34	—	—	—	483	—
6 X 4	8.22	1.45	—	—	—	603	—
6 X 5	10.16	1.57	—	—	—	738	—
6 X 6	19.81	2.39	2.24	3.26	18.43	1619	273
7 X 4	9.10	1.59	—	—	—	652	—
7 X 5	11.13	1.70	—	—	—	796	—
7 X 6	21.08	2.54	2.56	3.43	19.40	1678	292
7 X 7	24.13	2.67	3.00	3.69	22.15	2092	353
8 X 4	9.59	1.68	—	—	—	693	—
8 X 5	11.67	1.80	—	—	—	805	—
8 X 6	21.80	2.65	2.78	3.54	19.90	1736	325
8 X 7	24.88	2.78	3.25	3.80	22.64	2117	350
8 X 8	31.42	4.03	3.34	5.47	29.52	2749	427

BOX SIZE ①	CONCRETE 2 HEADWALLS					REINFORCEMENT 2 HEADWALLS	
	②	③	④	⑤	⑥	⑦	⑧
9 X 5	12.70	1.93	—	—	—	877	—
9 X 6	23.13	2.81	3.12	3.71	20.91	1791	327
9 X 7	26.26	2.93	3.62	3.97	23.68	2204	397
9 X 8	33.01	4.23	3.73	5.70	30.75	2846	479
9 X 9	36.81	4.40	4.25	6.04	34.20	3431	509
10 X 5	13.79	2.07	—	—	—	971	—
10 X 6	24.50	2.96	3.47	3.89	21.96	1972	376
10 X 7	27.69	3.09	4.00	4.14	24.75	2419	444
10 X 8	34.64	4.43	4.12	5.93	32.01	3081	482
10 X 9	38.50	4.60	4.68	6.27	35.49	3539	565
10 X 10	53.89	7.29	5.40	9.95	51.16	4748	674
11 X 4	12.60	2.09	—	—	—	870	—
11 X 6	25.92	3.11	3.83	4.06	23.04	2049	413
11 X 8	36.32	4.63	4.53	6.16	33.32	3180	534
11 X 10	56.04	7.59	5.89	10.29	52.85	4801	677
11 X 11	69.84	7.77	6.93	10.66	65.81	5688	778
12 X 4	13.72	2.22	—	—	—	903	—
12 X 6	27.39	3.26	4.19	4.23	24.17	2134	457
12 X 8	38.05	4.84	4.94	6.39	34.66	3424	587
12 X 10	60.16	7.88	6.38	10.62	56.52	5075	740
12 X 12	92.85	8.01	8.83	10.98	86.98	6916	929

- 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 0° SKEW		
STANDARD DRAWING NO. RDH-1200-02		
SUBMITTED _____	DIRECTOR DIVISION OF DESIGN _____	DATE _____
APPROVED _____	STATE HIGHWAY ENGINEER _____	DATE _____