

culverts.

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0 "

TABLE I.—Continued.

This is a Table of quantities in Four Feet Arch Culverts, according to the accompanying Diagram and Dimensions given in Table G. The Masonry is calculated to a depth of 3 feet under surface of Paving. The height of formation level above surface on centre line being known, the quantities of Masonry and Paving in the whole structure will be found opposite. Paving is supposed to extend from the extremities of wings at lower end, to 4 feet beyond the upper end, and includes retaining walls at foot of slopes.

Per foot run of Culvert..... Masonry, 2.44 cub. yds. Paving, 0.0926 cub. yds.
Additional for Lower End Do 25.56 " Do 0.8800 "
Additional for Upper End Do 29.82 " Do 0.6000 "
Do do Retaining wall Do 1.5000 "

PAVING. — Cubic yards.	Height of For- mation Level above Surface of Paving.	Length of Arch.	MASONRY. — Cubic yards.	PAVING. — Cubic yards.	Height of For- mation Level above Surface of Paving.	Length of Arch.	MASONRY. — Cubic yards.	PAVING. — Cubic yards.
11.3	50 feet.	154	431.1	17.3	66	205	555.6	22.0
11.6	51	157	438.4	17.6	67	208	562.9	22.2
11.9	52	160	445.7	17.9	68	211	570.2	22.5
12.2	53	163	453.1	18.1	69	214	577.5	22.8
12.5	54	166	460.4	18.4	70	218	587.3	23.2
12.8	55	170	470.2	18.8	71	221	594.6	23.5
13.1	56	173	477.5	19.0	72	224	601.9	23.7
13.4	57	176	484.8	19.3	73	227	609.2	24.0
13.6	58	179	492.1	19.6	74	230	616.5	24.3
13.9	59	182	499.4	19.9	75	234	626.3	24.7
14.3	60	186	509.2	20.3	76	237	633.6	24.9
14.5	61	189	516.5	20.5	77	240	641.0	25.2
14.8	62	192	523.8	20.8	78	243	648.3	25.5
15.1	63	195	531.2	21.0	79	246	655.6	25.8
15.4	64	198	538.5	21.3	80	250	665.4	26.1
15.8	65	202	548.3	21.7				
16.0								
16.3								
16.6								
16.9								

For approximate quantities in inclined Culverts, see special memoranda.

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