

III. COST DATA FOR TILE DRAINAGE.

UNITED STATES DEPARTMENT OF AGRICULTURE.—BUREAU OF PUBLIC ROADS.

(C.T. = Clay tile. Cem. T. = Cement tile. V.T. = Vitrified tile. S.P. = Sewer-pipe. S.B. = Segmental block.)

State.	Drainage District and County.	Date let.	Kind of Tile.	Diameter in Inches.	Length in Feet.	Cost per Foot.	Depth.		Hauling Tile: Distance and Price per Ton.	Construction: Digging, Laying, and B.F. Cost per Foot.	Remarks.	Engineer, Contractor, &c.
							Max.	Average.				
Iowa	D.D. No. 128; Buena Vista Co.	4/5/20	Cem. T.	26	1,600	\$ 1,665	..	6-7	2 m. Delivered on site of work for prices shown	\$ 0.55	..	Contractor, H. Johnson, Albert City, Iowa; manufacturers, Cement Products Co., Spencer, Iowa.
			Cem. T.	24	3,200	1,440	..	7-2		0.60		
			Cem. T.	22	3,400	1,125	..	6-3		0.50		
			Cem. T.	20	400	0.945	..	6-1		0.45		
			Cem. T.	18	4,700	0.795	..	6-5		0.48		
			Cem. T.	16	800	0.645	..	5-9		0.30		
			Cem. T.	10	700	0.232	..	4-2		0.12		
			Cem. T.	8	1,260	0.15758	..	4-2		0.12		
			Cem. T.	26	2,000	1,650	8-0	8-0	Delivered on site of work for prices shown	1.00	1 concrete headwall, 5 yd., at \$25	
			Cem. T.	24	1,500	1,175	8-0	7-0		0.67		
			Cem. T.	20	2,000	0.870	8-0	7-0		0.55		
			Cem. T.	18	2,000	0.725	8-5	6-5		0.40		
Iowa	D.D. No. 79; Cerro Gordo Co.	17/5/20	Cem. T.	16	1,200	0.623	7-0	6-0		0.36		Contractor, Christenson Const., Iowa Falls, Iowa; manufacturers, Cement Products Co., Spencer, Iowa.
			Cem. T.	15	800	0.490	6-0	5-5		0.33		
			Cem. T.	14	500	0.406	6-0	5-5		0.30		
			Cem. T.	12	3,700	0.319	9-0	6-1		0.305		
			Cem. T.	10	3,000	0.218	8-0	5-6		0.27		
			Cem. T.	9	1,500	0.188	8-5	5-5		0.25		
			Cem. T.	8	3,100	0.146	8-0	5-1		0.20		
			Cem. T.	7	4,350	0.116	7-0	5-0		0.189		
			Cem. T.	6	7,850	0.095	7-0	4-5	Probably delivered on site of work	0.173	6.7 in. intakes, at \$15; 9.6 in. intakes, at \$15; 4 manholes at \$100; 1 headwall, 12 cu. yd., at \$30 per yard	
			Cem. T.	30	500	2.985	..	5-6		Included in cost per foot		
			Cem. T.	24	5,800	2,1675	..	7-0				
			Cem. T.	18	2,700	1,234	..	6-4				
Iowa	Sub-district No. 9 of No. 4; Kossuth Co.	2/6/20	Cem. T.	16	2,800	1,081	..	6-7		..		Engineer, G. D. Hart; contractors, Humbolt Gravel and Tile Co., Humbolt, Iowa; also furnishing tiles.
			Cem. T.	15	3,000	0.986	..	7-2		..		
			Cem. T.	14	3,500	0.9325	..	7-2		..		
			Cem. T.	12	2,600	0.6000	..	5-5		..		
			Cem. T.	10	4,600	0.549	..	6-6		..		
			Cem. T.	8	600	0.365	..	6-1		..		
			Cem. T.	7	1,482	0.315	..	5-4		..		
			Cem. T.	6	500	0.2545	..	5-7		..		
			Cem. T.	22	150	1.22	..	5-8	Delivered on site of work for prices shown	0.48	..	
			S.P.	22	250	1.30	..	5-5		0.48		
			Cem. T.	20	1,300	1.10	..	5-4		0.48		
			Cem. T.	18	300	0.966	..	5-8		0.48		
Iowa	D.D. N. 7; Bremer Co.	16/6/20	Cem. T.	15	900	0.650	..	5-6		0.48		Engineer, C. A. Cool, Waverly, Iowa; contractor, Nels. Debel; manufacturers, Mason City Cement Products Co., Mason City, Iowa.
			Cem. T.	14	..	0.4615	..	..		0.36		
			Cem. T.	12	977	0.360	..	4-8		0.34		
			S.P.	12	200	0.375	..	5-1		0.36		