

II. COST DATA FOR DRAINAGE EXCAVATION—continued.  
UNITED STATES DEPARTMENT OF AGRICULTURE.—BUREAU OF PUBLIC ROADS—continued.

State.	Drainage District and County.	Date let.	Excavation (Cubic Yards).	Bid per Cubic Yard.	Clearing per Acre.	Length (Miles).	Base Width.		Depth.		Side Slope.	Bfd.	Soil.	Remarks.	Engineer.	
							Max.	Min.	Max.	Av.					Contractor.	
Ill. . .	D.D. No. 1; Ricks and Christian Cos.	4/9/20	9,679	Cents. 35	None	4.2	6	4	3	2	1½:1 & 2:1	8	Black loam, clay	T. and S. Contractor to be paid in cash, 80% monthly	J. W. Dappert, Taylorville, Ill.	Engineer.
S. Dak.	Mud Lake D.D.; Douglas Co.	10/9/20	182,000	25	None	9	8	4	20	7	1:1	6	Clay, gumbo	F.D.D. and D.L.E. Contractor to be paid in cash	Western Eng. Co., Yankton, S. Dak.; Northern Minn. Dredge, Litchfield, Minn.	Contractor.
S. Dak.	Gardner Valley D.D.; Douglas Co.	10/9/20	246,000	25	None	10	8	4	17	6	1:1	6	Black loam, clay	F.D.D. and D.L.E. Contractor to be paid in cash	Western Eng. Co., Yankton, S. Dak.; Northern Minn. Dredge, Litchfield, Minn.	Contractor.
Iowa	D.D. No. 55; Hardin Co.	13/9/20	268,022	25	None	8.75	20	10	9	7	1½:1	..	Loam, clay, sand	D.L.E. Contractor to be paid in warrants	W. S. Porter, Eldora, Iowa; R. J. Phelps.	Contractor.
Ill. . .	Whiteside and Rock Island Special D.D.; Whiteside and Rock Island Cos.	13/9/20	194,400	40 & 35	None	1.25	30	30	..	6	1:1	20	Musk, loam, sand	Levee, 142,760 cubic yd., 18,000 ft. long, 5 ft. high, 30 ft. arm; ditch, 51,600 cubic yd., 6,550 ft. long	Fred A. Snyder, Albany, Ind.	Contractor.
Ga. . .	Drainage Dist. No. 1; Spalding, Ga.	25/9/20	147,680	16.4	\$50	6.6	14	8	8	5.8	½:1	..	Sandy loam	F.D.D. Contractor to be paid in cash, 80% monthly	Cecil L. Fife, Fayetteville.	Contractor.
Ill. . .	Bug River Special D.D.; Christian and Montgomery Cos.	1/10/20	7,404	40 & 37	None	5.5	4	2½	..	..	1½:1	..	Clay, loam	T. and S.; clean-out work. Contractor to be paid in cash, 80% monthly	J. W. Dappert, Taylorville.	Contractor.
Miss.	Christmas D.D.; Boliver Co.	7/10/20	497,526	26	Incl.	24	18	4	13	6	1:1	10	Alluvial loam	1 yd., F.F.D.; 1 road machine. Contractor to be paid in warrants	W. W. Boone, Cleveland, Miss.; Road Construction Co., Grand Rapids.	Contractor.
Iowa	D.D. No. 165; Kossuth Co.	7/10/20	1,149,500	14	None	7.8	50	20	30	10	1:1	..	Black loam	F.D.D. . . . .	G. D. Hart, Bancroft; Thomas & Swan, Algona, Iowa.	Contractor.
Iowa	Seven-mile Creek D.D.; Cass Co.	14/10/20	388,600	14.4	None	12	10	10	..	..	1:1	10	Black loam, clay	D.L.E. . . . .	B. F. Walker, Council Bluffs.	Contractor.
Iowa	Drainage Dist. No. 123; Palo Alto Co.	22/10/20	54,000	20	..	3.5	8	8	7	5	1½:1	6	Sand	D.L.E. Contractor to be paid in warrants	R. H. Fuller, Emmetsburg.	Contractor.
Ind. . .	Wm. M. Myers et al Ditch D.D.; Miami Co.	23/10/20	30,731	22	None	2	4	4	11	8	1:1	4	Clay	W.D.D. Contractor to be paid in cash	C. P. Howard, Peru, Ind.; E. O. Deeds, Deedsville.	Contractor.
Ill. . .	Rock River D.D.; Henry and Whiteside Cos.	29/10/20	272,000	14.9	Incl.	6	16	8	18	7½	1½:1	10	Sandy loam	D.L.E. Contractor to be paid in cash, monthly	H. E. Reeves, Le Claire; Mathews Bros., Erie, Ill.	Contractor.
Mo. . .	J. W. McCoglan et al D.D.; Stoddard Co.	6/11/20	66,950	25.8	Incl.	6.3	..	..	..	..	..	..	..	Contractor to be paid in cash, monthly	A. C. Spiker, Bloomfield; J. E. Warner, Benton.	Contractor.
Ind. . .	Joseph Nagel et al D.D.; Jasper Co.	6/11/20	30,665	35.5	..	3	6	5	8.5	6	1:1	8	Clay	D.L.E., 1,170 cubic yards rock	E. D. Nesbitt, Kennesaw; A. Benema, Chicago, Ill.	Contractor.
Okla.	Sequoyah D.D. No. 1; Sequoyah Co.	8/11/20	288,500	16.5	Incl.	4.9	26	18	..	10	1:1	10	Alluvial	F.D.D. Contractor to be paid in cash. . .	W. L. Winter, Fort Smith; American Construction Co., Oklahoma.	Contractor.
Ohio . .	R. V. Wright Improv. D.D.; Huron Co.	9/11/20	12,173	\$1	..	2.1	..	..	..	..	1½:1	..	Muck	D.L.E. Contractor to be paid in cash. . .	H. P. Starbin, Norwalk.	Contractor.
Miss	Merigold D.D.; Boliver Co.	18/11/20	159,447	30	\$30	12.6	12	4	8.9	5.5	1:1	10	..	..	W. W. Boone, Cleveland; McWilliams, Memphis.	Contractor.