

Madison County Ditch Improvement Record.

The Winter Ditch Construction

Report of Engineer  
Statement of Working Sections of the Smith Ditch Schedule a a

no. of working section	no. of stakes		no. of lineal feet	no. of cubic yards	lineal feet	Amount		Remarks
	From	To				D.	C.	
<u>Main Ditch Open</u>								
1	115	90	2500	994	204	198	80	
2	90	65	2500	1387	204	277	40	
3	65	40	2500	2088	204	417	60	
4	40	20	2000	2208	204	441	60	
5	20	0	2000	1197	204	239	40	
<u>Lateral No. 2 Open</u>								
6	5+84	0	584	221	204	44	20	
<u>Lateral No. 1 Tile</u>								
7	61	50	1100					
	64.73	Rods 18"	Tile		4 <sup>20</sup>	271	86	
	1.95	" 15"	"		2 <sup>80</sup>	5	46	Average cut
	66.68	" Construction			1 <sup>00</sup>	66	67	2' 3"
		Total				343	99	
8	50	25	2500					
	151.51	Rods 15"	Tile		2 <sup>80</sup>	424	23	Average cut
	151.51	" Construction			1 <sup>00</sup>	151	51	2' 6"
		Total				575	74	
9	25	0	2500					
	23.02	Rods 15"	Tile		2 <sup>80</sup>	64	46	
	84.25	" 12"	"		1 <sup>70</sup>	143	22	
	31.94	" 10"	"		1 <sup>20</sup>	38	32	Average cut 1' 9"
	12.30	" 8"	"		.80	9	84	
	151.51	" Construction			75	113	63	
		Total				369	47	

Madison County Ditch Improvement Record.

The Minter Ditch Construction

Report of Engineer  
Statement of Working Sections of the Smith Ditch. Schedule a.a.

Average cut 1' 10"

Station	no. of stakes		no. of lineal feet	no. of cubic yards	no. of cubic yards	amount		Remarks.
	From	To				D.	C.	
10	Lateral No. 1 of Lateral No. 1							Average cut 2' 1"
	3+60	0	360					
	21.82		Rods 8" Tile	804		17	45	
	21.82		.. Construction	604		13	09	Recapitulation
	Lateral no. 2 of no. 1							8095 cu yds. Earth @ 20¢ 1619.00
	7+18	0	718					6 Rods Construction 40 2.40
	41.68		Rods 10" Tile	120	50	65.33		60 39.19
	1.83		" 6" "	60	110	151.51		75 113.63
	43.51		.. Construction	60	2610	218.19		120 218.18
	Connection on Smith Land							1.83 .. 6" Tile 60 1.10
	@ Station 42							40.12 .. 8" 80 32.09
	6		Rods 8" Tile	80	480	73.62		120 88.33
	6		.. Construction	40	240	84.25		170 143.22
	Total				11494	176.48		280 494.14
						64.73		420 271.86
11	Concrete Bulkhead							Estimate For Yp 20.90
	Station 61 of Lat No. 1							.. .. Bulkhead 12.00
	8' x 5 1/2' x 1 1/4' = 2 yds		600		1200			Total 3056.04
	Estimate For Yp							
	2		10" x 8" yp @	75	150			Location of yp.
	2		12" x 6" ..					1-10x8 Station 2+3 Lateral no. 1
	1		12" x 8" .. @	100	700			1-12x6 .. 7+30 .. "
	3		12" x 4" ..					1-12x6 .. 10+51 .. "
	1		12" x 6" ..					1-12x8 .. 12+96 .. "
	1		15" x 10" ..					1-12x4 .. 15 .. "
	3		15" x 4" ..	1.50	1050			1-12x4 .. 16+44 .. "
	2		15" x 6" ..					1-12x6 .. 18+36 .. "
	1		15" x 8" ..					1-12x4 .. 19+14 .. "
	1		18" x 10" ..	190	190			1-15+10 .. 21+20 .. "
	Total				2090			1-15+4 .. 22+20 .. "
								1-15+4 .. 23+61 .. "
								1-15+6 .. 27+29 .. "
								1-15+6 .. 34+63 .. "
								1-15+8 .. 42 .. "
								1-15+4 .. 45+92 .. "
								1-18+10 .. 50+32 For Lat no. 2
								1-10+8 .. 0+30 Lat "2 of 1.