

Summary

of

Branch No. 1. of Ditch No. 46

	Anoka County,		Preliminary	Total
	Cu. Yds.	Cost		
		Excavation,		Cost.
Sheet No. 1.	769.20	\$ 84.68	\$ 47.34	\$ 132.02
Sheet No. 2.	1319.84	145.12	49.97	195.09
Sheet No. 3.	748.16	82.30	49.97	132.27
Sheet No. 4.	<u>708.29</u>	<u>\$ 78.00</u>	<u>\$ 42.08</u>	<u>120.08</u>
	3545.48	\$ 390.10	\$ 189.36	\$ 579.46

EXHIBIT 2.

Engineer's Report

IN

Ditch Proceedings.

EXHIBIT 2 OF ENGINEER'S REPORT IN DITCH PROCEEDINGS.

Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of Same, in Anoka County Ditch No. 46

SECTION	(1) DEPTH OF CUT	(2) WIDTH OF CUT AT BOTTOM	(3) WIDTH OF CUT AT TOP	(4) NO. OF CUBIC YARDS TO BE REMOVED	(5) Estimated Cost Per Cubic Yards.		(6) Character of Other Expenses, Including Preliminary Expenses And Expense of Inspecting Work Until Completed With Total Per Section		(7) Total Estimated Cost per Section	
					\$	CTS.	\$	CTS.	\$	CTS.
				Branch No. 1.						
Between Stake No. 0.	1.8 ft.	2.0 ft.	5.6 ft.							
and Stake No. 1.	2.2 "	2.0 "	6.4 "	29.63	11		\$ 3.26	\$ 2 63	5 89	
Between Stake No. 2.	2.3 "	2.0 "	6.6 "	35.43	11		3.90	2 63	6.53	
Between Stake No. 3.	2.3 "	2.0 "	6.6 "	36.63	11		4.03	2 63	6 66	
Between Stake No. 4.	2.2 "	2.0 "	6.4 "	35.43	11		3.90	2 63	6 53	
Between Stake No. 5.	2.2 "	2.0 "	6.4 "	34.22	11		3.79	2 63	6 42	
Between Stake No. 6.	2.1 "	2.0 "	6.2 "	33.55	11		3.69	2 63	6 32	
Between Stake No. 7.	2.1 "	2.0 "	6.2 "	31.89	11		3.52	2 63	6 15	
Between Stake No. 8.	2.1 "	2.0 "	6.2 "	31.89	11		3.52	2 63	6 15	
Between Stake No. 9.	2.3 "	2.0 "	6.6 "	34.22	11		3.76	2 63	6 39	
Between Stake No. 10.	2.0 "	2.0 "	6.0 "	33.55	11		3.69	2 63	6 32	
Between Stake No. 11.	2.4 "	2.0 "	6.8 "	34.22	11		3.76	2 63	6 39	
Between Stake No. 12.	2.9 "	2.0 "	7.8 "	45.46	11		5.02	2 63	7 65	
Between Stake No. 13.	2.9 "	2.0 "	7.8 "	52.62	11		5.79	2 63	8 42	
Between Stake No. 14.	3.6 "	2.0 "	9.2 "	63.19	11		6.95	2 63	9 58	
Between Stake No. 15.	3.5 "	2.0 "	9.0 "	68.04	11		7.48	2 63	10.11	
Between Stake No. 16.	3.2 "	2.0 "	8.4 "	66.39	11		7.30	2 63	9 93	
Between Stake No. 17.	3.0 "	2.0 "	8.0 "	58.55	11		6.45	2 63	9 08	
Between Stake No. 18.	2.2 "	2.0 "	6.4 "	44.29	11		4.87	2 63	7 50	
and Stake No.		Totals.		769.20			\$ 84.68	\$ 47.34	\$ 132.02	

Total Estimated Cost of Whole Work, \$-----

EXHIBIT 2 OF ENGINEER'S REPORT IN DITCH PROCEEDINGS.

Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of Same, in Anoka County, Ditch No. 46.

SECTION	(1) DEPTH OF CUT	(2) WIDTH OF CUT AT BOTTOM	(3) WIDTH OF CUT AT TOP	(4) NO. OF CUBIC YARDS TO BE REMOVED	(5) Estimated Cost Per Cubic Yards		(6) Character of Other Expenses, Including Preliminary Expenses And Expense of Inspecting Work Until Completed With Total Per Section			(7) Total Estimated Cost per Section	
					\$	CTS.	\$	CTS.	\$	CTS.	
Branch No. 1.											
Between Stake No. 19.	2.8 ft.	2.0 ft.	7.6 ft.	41.67			\$ 4.58			\$ 7 21	
and Stake No. 20.	3.0 "	2.0 "	8.0 "	52.62	11		5.78		2 63	8 41	
Between Stake No. 21.	3.5 "	2.0 "	9.0 "	63.19	11		6.95		2 63	9 58	
and Stake No. 22.	3.3 "	2.0 "	8.6 "	67.99	11		7.48		2 63	10 11	
Between Stake No. 23.	3.3 "	2.0 "	8.6 "	64.77	11		7.12		2 63	9 75	
and Stake No. 24.	3.4 "	2.0 "	8.8 "	66.39	11		7.30		2 63	9 93	
Between Stake No. 25.	3.6 "	2.0 "	9.2 "	71.28	11		7.84		2 63	10 47	
and Stake No. 26.	3.3 "	2.0 "	8.6 "	69.63	11		7.65		2 63	10 28	
Between Stake No. 27.	3.2 "	2.0 "	8.4 "	63.19	11		6.95		2 63	9 58	
and Stake No. 28.	3.8 "	2.0 "	9.6 "	71.28	11		7.84		2 63	10 47	
Between Stake No. 29.	5.3 "	2.0 "	12.6 "	110.37	11		12.13		2 63	14 76	
and Stake No. 30.	4.9 "	2.0 "	11.8 "	134.09	11		14.75		2 63	17 38	
Between Stake No. 31.	4.1 "	2.0 "	10.2 "	110.35	11		12.13		2 63	14 76	
and Stake No. 32.	3.3 "	2.0 "	8.6 "	86.58	11		9.53		2 63	12 16	
Between Stake No. 33.	3.0 "	2.0 "	8.0 "	60.08	11		6.61		2 63	9 24	
and Stake No. 34.	3.0 "	2.0 "	8.0 "	81.60	11		8.97		2 63	11 60	
Between Stake No. 35.	2.1 "	2.0 "	6.2 "	42.08	11		4.61		2 63	7 24	
and Stake No. 36.	2.0 "	2.0 "	6.0 "	33.05	11		3.64		2 63	6 27	
Between Stake No. 37.	2.0 "	2.0 "	6.0 "	29.63	11		3.26		2 63	5 89	
and Stake No.		Totals.		1319.84			\$ 145.12		\$ 49 97	\$ 195 09	

Total Estimated Cost of Whole Work, \$-----

EXHIBIT 2 OF ENGINEER'S REPORT IN DITCH PROCEEDINGS.

Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of Same, in Anoka County. Ditch No. 46.

SECTION	(1) DEPTH OF CUT	(2) WIDTH OF CUT AT BOTTOM	(3) WIDTH OF CUT AT TOP	(4) NO. OF CUBIC YARDS TO BE REMOVED	(5) Estimated Cost Per Cubic Yards		(6) Character of Other Expenses, Including Preliminary Expenses And Expense of Inspecting Work Until Completed With Total Per Section		(7) Total Estimated Cost per Section	
					\$	CTS.	\$	CTS.	\$	CTS.
				Branch No. 1.						
Between Stake No. 38.	2.1 ft.	2.0 ft.	6.2 ft.	33.05		11	\$ 3.64	\$ 2 63	\$ 6 27	
and Stake No. 39.	2/0 "	2.0 "	6.0 "	33.05		11	3.64	2 63	6 27	
Between Stake No. 40.	1.9 "	2.0 "	5.8 "	28.55		11	3.14	2 63	5 77	
and Stake No. 41.	1.9 "	2.0 "	5.8 "	29.63		11	3.26	2 63	5 89	
Between Stake No. 42.	2.0 "	2.0 "	6.0 "	28.55		11	3.14	2 63	5 77	
and Stake No. 43.	2.6 "	2.0 "	7.2 "	36.63		11	4.03	2 63	6 66	
Between Stake No. 44.	2.6 "	2.0 "	7.2 "	44.29		11	4.87	2 63	7 50	
and Stake No. 45.	2.7 "	2.0 "	7.4 "	45.64		11	5.02	2 63	7 65	
Between Stake No. 46.	2.7 "	2.0 "	7.4 "	47.00		11	5.17	2 63	7 80	
and Stake No. 47.	2.9 "	2.0 "	7.8 "	49.77		11	5.47	2 63	8 10	
Between Stake No. 48.	2.8 "	2.0 "	7.6 "	51.19		11	5.63	2 63	8 26	
and Stake No. 49.	2.5 "	2.0 "	7.0 "	45.64		11	5.02	2 63	7 65	
Between Stake No. 50.	2.4 "	2.0 "	6.8 "	40.39		11	4.44	2 63	7 07	
and Stake No. 51.	2.3 "	2.0 "	6.6 "	37.87		11	4.17	2 63	6 80	
Between Stake No. 52.	2.4 "	2.0 "	6.8 "	37.87		11	4.17	2 63	6 80	
and Stake No. 53.	2.4 "	2.0 "	6.8 "	39.11		11	4.30	2 63	6 93	
Between Stake No. 54.	2.6 "	2.0 "	7.2 "	41.67		11	4.58	2 63	7 21	
and Stake No. 55.	2.3 "	2.0 "	6.6 "	40.39		11	4.44	2 63	7 07	
Between Stake No. 56.	2.4 "	2.0 "	6.8 "	37.87		11	4.17	2 63	6 80	
and Stake No.				748.16			\$ 82.30	\$ 49 97	\$ 132 27	

Total Estimated Cost of Whole Work, \$-----

EXHIBIT 2 OF ENGINEER'S REPORT IN DITCH PROCEEDINGS.

Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of Same, in Anoka County. Ditch No. 46.

SECTION	(1) DEPTH OF CUT	(2) WIDTH OF CUT AT BOTTOM	(3) WIDTH OF CUT AT TOP	(4) NO. OF CUBIC YARDS TO BE REMOVED	(5) Estimated Cost Per Cubic Yards		(6) Character of Other Expenses, Including Preliminary Expenses And Expense of Inspecting Work Until Completed With Total Per Section			(7) Total Estimated Cost per Section	
					\$	CTS.	\$	CTS.	\$	CTS.	
				Branch No. 1.							
Between Stake No. 56.	2.4 ft.	2.0 ft.	6.8 ft.	37.87		11		\$ 4.17		\$ 2 63	\$ 6 80
and Stake No. 57.	2.4 "	2.0 "	6.8 "	38.11		11		4.30		2 63	6 93
Between Stake No. 58.	2.6 "	2.0 "	7.2 "	41.67		11		4.58		2 63	7 21
Between Stake No. 59.	2.3 "	2.0 "	6.4 "	39.11		11		4.30		2 63	6 93
Between Stake No. 60.	2.3 #	2.0 "	6.6 "	35.43		11		3.90		2 73	6 53
Between Stake No. 61.	2.6 "	2.0 "	7.2 "	40.39		11		4.44		2 63	7 07
Between Stake No. 62.	2.6 "	2.0 "	7.2 "	44.29		11		4.87		2 63	7 50
Between Stake No. 63.	2.6 "	2.0 "	7.2 "	44.29		11		4.87		2 63	7 50
Between Stake No. 64.	2.6 "	2.0 "	7.2 "	44.29 "		11		4.87		2 63	7 50
Between Stake No. 65.	2.7 "	2.0 "	7.4 "	45.64		11		5.02		2 63	7 65
Between Stake No. 66.	2.5 "	2.0 "	7.0 "	44.29		11		4.87		2 63	7 50
Between Stake No. 67.	3.3 "	2.0 "	8.6 #	52.62		11		5.78		2 63	8 41
Between Stake No. 68.	3.0 "	2.0 "	8.0 "	60.08		11		6.61		2 63	9 24
Between Stake No. 69.	2.6 "	2.0 "	7.2 "	49.77		11		5.47		2 63	8 10
Between Stake No. 70.	2.7 "	2.0 "	7.4 "	45.64		11		5.02		2 63	7 65
and Stake No. + 90	2.9 "	2.0 "	7.8 "	44.80		11		4.93		2 63	7 56
Between Stake No. and Stake No.			Totals.	708.29				\$ 78.00		\$ 42 08	\$ 120 08

82.30
78.00
160.30

Total Estimated Cost of Whole Work, \$-----