Repairs County Ditch No. 38, Anoka Board of County the Matter of the Patition of Muy. Conference and others Commissioners of the County of Anoka; County Winn.

said line of ditch stakes numbered progressively down stream at each 100 feet did make a complete survey of the main ditch and did cause to be set along rouge of County the undersigned engineer, appointed by your board to Ditch No. 38for repairs would respectfully report that I re-survey t

between each 100 foot stake, the cost of excavating same per cubic yard, of cubic yards in the old ditchand the total estimated anumber of cubic yards to be excavated; the total which tabular statement is hereto attached and marked exhibit No. 2 estimated ~cost of excavating the same, the estimated preliminary expenses and the total estimated cost of said work complete to its completion; depth of out, the width at the bottom. the width at the top, the number I did further cause to be made in tabular form a statement showing the number of cubic yards yo be excavated

incurred by meding making said survey, and the amounts thereof; which amount each is to be paid; and the other expenses of every kind and nature the time each was employed; the amount per day of each and the total the names of assistants and laborers employed in making said survey; the time occupied by me in making said survey and my compensation therefor; tatement is hereto attached and marked exhibit No. 3 I did further cause to be set forth in tabular statement, showing

work of construction of Repairs of said public ditch is to be done, construction is to be done attached thereto, which said form of contract and specifications is hereto attached and marked exhibit with complete specifications of the manner in which work of said I did cause to be prepared a form of contract under which the

anska Smin may 22 1916

Engineer Repairs Ditch No.

TOTAL ESTIMATED COST

of

REPAIRSCOUNTYDITC	H. NO.	38	
Printing	क्यार व्याप क्यार क्यार क्यार क्यार क्यार क्यार क्यार	The did stay and stay and stay .	\$ 50.00
Sherrif's fees	this time store seeds such this stime of	कार काल काल कीए काल काम काम काम	20.00
Register of Deeds>	කියා කිය කිය සිටේ සිටේ අවු අයේ සිට සි	का कर्त् <mark>र । जन्म कर्म क्या क्या क्या</mark>	5,00
Attorneys dees	రాగా ఆమ్ లేదు. రాగా ఇద్దు తాగు లేదు లే	···).	50.00
Auditors fees	ఇయిన తాగా ఇష్టిక్ ఇదిన తాగా ఇవది చమ్ము ఇదాగా త		100.00
Commissioners meetings	दानोक्ता नामि संस्तु संस्तु संस्तु स्थान स्थान स्थान स्थान	ක් කිලා කිලා කිලා කිලා කුතු කුතු කිලේ කිලා	77.00
Survey and report	न्याची प्राच्येत न्यांच्ये क्रांच्या क्ष्मांच्या क्ष्मांच्या क्ष्मांच्या क्ष्मांच्या क्ष्मांच्या क्ष्मांच्या क्	s	49.50
Inspection was a series in the series of the	क्षा प्रथम क्षम क्षमें । 🗳 ब्लाव क्षम क्षम क्षम क्ष	후 455 ⁴⁵⁶ 4111 4113 4113 4113 4113	50.00
Cost of construction	ann dan dan ann d an an an an an an an		1039.45
	TOTAL	\$	1440.95

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

Ditch No. 38

SECTION	2 mary 2	(1) DEPTH OF CUT	(2) WIDTH OF CUT AT BOTTOM	(3) WIDTH OF CUT AT TOP	No. OF GU Cu. Yds TO BE T	4) No. of Cubic BIC YARDS To be EMOVED	oF	(5) Estimated Cost Excavarion er Cubic Yand \$ CTS.	(6) Character of Other Expenses, Including Preliminary Experses and Expense of Inspecting Works Until Completed With Total per Section		(7) Total Estimated Cost per Section \$ CTS.
					Ditch		@ .15		,	Ç13.	
$Between\ Stake\ No\cdot$	δ	2.5	2,0	7.0	-		,,,,				
g and Stake No.	9	2,0	9	6.0	24	13	14	195			
Between Stake No.	10	2.0	· •	6.0	21	16	41	2 40			,
and Stake No.	//	20	··	6.0	21	16		240			
Between Stake No.	12	2.0		60	22	14		210			
and Stake No.	/3	2,0		6.0	r r	14	•	210			
Between Stake No.	14	2.3		6,6	24	//	41	165	i b :		
and Stake No.	15	2,5		7.0	21	12	11	180			
Between Stake No.	16	•		6. <i>4</i>	30	7	"	105			
and Stake No.	17	2,2	•	6.8		/	4	90			
Between Stake No	18	2.4			28	6	٠				
and Stake No.	, ,	2.4	u .	6.8	25	14	tı .	210			
Between Stake No.	19	2.4	٧,	6,8	22	17	11	2.55			
and Stake No.	20	3,0	47	8.0	25	19	**	285			
	21	2.7	**	7.4	27	23	•	3 45			
Between Stake No.	22	29		7.8	25	25	**	375			
and Stake No.	23	2.7	17	7.4	24	23	11	3 45			
Between Stake No.	24	2,5	**	7.0	zz	19	•	2 85			
$and\ Stake\ No.$	25			•	27			3 45			
Between Stake No.	26	3.0	· ·	8.0	. ,	23	69	330			
and Stake No	27	3.0 2.5	" 2.0	8.0 7.0	34 31	16	**	2 40	,		
and a second constitution of		inining in the second control of the second	agagas, ang tanggasan, talang talah sa pang taong taong taong taon taona tata pangala. Ta	: That it is a linear an encourage and a second consequence is a local control of the control of	is an employment of the second	310		46.50			

Total Estimated Cost of Whole Work, \$.

Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of Same, in County Ditch No. 38

		(1)	(2) WIDTH OF CUT	(3) WIDTH OF CUT	No OF ST	(4) No. of CUBIC	(5)	(6)	744		(7)
SECTION		DEPTH OF CUT	T AT BOTTOM AT TOP		cu. Yds	Removed	Estimated Cost Per Cubic Yard \$ CTS.	Character of Other Expenses, Including Preliminary and Expense of Inspecting Works Until Comple With Total per Section		Estir per TS. \$	Total mated Cost er Section
alatemakan terkateman mendisahan kalambah di lambah di lambah di sebah di lambah di lalatan sebah sebah sebah Sebah sebah se					P1/2/	10					
$Between\ Stake\ No\cdot$	27	2,5	20	7.0			-				
and $Stake\ No\cdot$	28	2.9	•	7.8	28	19	2 85				
$Between\ Stake\ No.$	29	2.8	,	7,6	30	20 "	300				
$and\ Stake\ No.$	30	3,2	: t i	8.4	31	22 "	3 30				
$Between\ Stake\ No\cdot$	31	3,2	•	8.4	39	23	3 / s-				
$and\ Stake\ No.$	32	3./		8.2	41	17 .,					
$Between\ Stake\ No.$	33	3,2	**	8.4	41	17	203				
and Stake No.	34	2.6	••	7.2	33	17	2 55				
Between Stake No.	<i>35</i>	3. J		9.0	3 3	23 "	3 45				
and Stake No.	36	2.7	•	7.4	36	2/	3 13			A constitution of the cons	
Between Stake No-	37	2.9	1	7.8	30	20					
$and\ Stake\ No.$	38	2.7		7.4	25	25	3 75				
Between Stake No.	39	3,0	11	8.0	24	26	•			Wyork minut manning	· ·
$and\ Stake\ {\it No.}$	40	3,0	*	8.0	25	31 ,	1			Pomp in transmitter	
$Between\ Stake\ No.$	41	2.6	**	1.2	22	28	420				
$and\ Stake\ No.$	42	2.8	4	7.6	22	26	3.40	•			
Between Stake No.	43	2.0 2.9	19	7.8	25	25.	3 75	·			
$and\ Stake\ No.$	rfof	<i>3</i> .0	ч	7.0 8.0	34	19	2 85				
Between Stake No.	7] 43^	3.0	•	8.0	3/	17	2 55				,
and Stake No	45	30	', 2.0	8.0	30	26.	3 90				

Total Estimated Cost of Whole Work, \$.

Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of Same, in County Ditch No. 38.

	. (1)	(2)	. (3)	(4	,)	(5)	(6)	(7)
SECTION	DEPTH OF CUT	WIDTH OF CUT	WIDTH OF CUT	No. OF CUE	BIC YARDS	Estimated Cost	Character of Other Expenses, Including Preliminary Expenses and Expense of Inspecting Works Until Completed	Total Estimated Cost
Berron	BEITH OF COT	AT BOTTOM	AT TOP	TO BE RI	EMOVED	Per Cubic Yard	With Total per Section	per Section
						\$ Стs.	\$ CTS.	\$ CTS.
					#.,	a) 15		
Between Stake No. 47	3.3	2.0	8 .6	31	31	465		
and Stake No.	3.4	n	8,8	30	35	373		**
Between Stake No. 49	3.3	••	8.6	28	37	533	•	PROPORTING AND
and Stake No. 50	3.3	"	8.6	20	42	630	·	TOWNS OF THE MODEL
Between Stake No. 5/	3°, 5°	٠,	9.0	20	45	6 75	·	
and Stake No. 52	3.6	•	92	22	49	735		COMMON ACCIDENT
Between Stake No. + 53	(3.5 (3.7	••	9.0 Froad	17	19	285		
and Stake No. +60	55.7 13.5	•,	9.0		52	7 80	30 feet of 30" Cor. I. Ripe	5100
Between Stake No. 53	2,5	••	7.0	17	19	2 85		
and Stake No. 5-4	2,8	` ``	7.6	16	28	420		
Between Stake No. 55	4.0	,,	10.0	25	57	8 55		
and Stake No.	4.3	`'	10.6	37	59	8 85		
Between Stake No. 3-7	3,8	••	9. 6	36	54	8 10		
and Stake No.	3.7	٠,	9.4	31	47	7 05		
Between Stake No. 59	3.8	••	9,6	31	51	765		
and Stake No. 60	3.8	••	9.6	31	47	705		
Between Stake No. 6/	3.8	`,	9.6	31	47	705		
and Stake No.	3.5		9.0	27	48	720	•	
Between Stake No. 63	4.0	• •	10.0	28	50	750		
and Stake No 64	3.8		9.6	30	52			
					010	2 ~		

869 130.35

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

Sheet Tho 4

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 County Ditch No. 38

SECTION		(1) DEPTH OF CUT	(2) WIDTH OF CUT AT BOTTOM	H OF CUT WIDTH OF CUT) IC YARDS EMOVED	(5) Estimated Cost Per Cubic Yard	(6) Character of Other Expenses, Including Prand Expense of Inspecting Works Unit With Total per Section		(7) Total Estimated Cost per Section
						J.	\$ CTS.		\$ CTS	5. \$ CTS.
Between Stake No.	65	3.6	2,0	9,2	27	4. 1.	5 120			
and Stake No	66	3,6	**	9.2	25	46	690		12.0	
Between Stake No.	67	3.7	"	9.4	27	48	720		to the second se	
and Stake No.	68	3.6	N.	9.2	ユơ ⁻	50	750		The state of the s	
$Between\ Stake\ No.$	69	3,6	• •	9.2	24	47	705			
and Stake No.	70	3.1	4	9.4	25	5-0	750			
$Between\ Stake\ \mathcal{N}o.$	71	3,9		9,8	27	57	7 65			
and Stake No.	72	3.8	41	9.6	: 28	54	8 10			
Between Stake No.	73	3.8	41	9,6	28	50	750			
and Stake No.	74	3.7	_	9.4	27	57	765	,		
Between Stake No	75	3.9	41	9,8	28	374	8 10			
and Stake No.	76	3,7		9,4	27	56	8 40			
Between Stake No.	77	-,, 3,9	4	9.8	28	50	150			
and Stake No.	78	3,6	11	9,2	30	49	735			
$Between\ Stake\ No.$	79	3.2		8.4	25	43	6 45			
and Stake No.	80	4.0	**	10.0	21	51	765	•		
$Between\ Stake\ No.$	81	4.0	4	10.0	24	65	9 73			
$and\ Stake\ No.$	82	4.0	<i>M</i>	10.0	24	65	9 75		Control	
$Between\ Stake\ \mathcal{N}o.$	82+81	7. 3.8		9.6	22	46	6 90			
and Stake No	83	3.8	2,0	9.6		17	\$148.65		de Carlos de Car	1.1

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

Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of Same, in Holenty Ditch No. 38

SECTION		(1) DEPTH OF CUT	(2) WIDTH OF CUT	(3) WIDTH OF CUT	(4) No. OF CUBIC YARDS	(5) Estimated Cost	(6) Character of Other Expenses, Including Preliminar and Expense of Inspecting Works Until Comp With Total per Section	y Expenses leted	(7) Total Estimated Cost
		٠.	AT BOTTOM	AT TOP	TO BE REMOVED	Per Cubic Yard	With Total per Section		per section
		A mark than 19 for the first and the first a			SERVICE CONTROL OF THE CONTROL OF TH	\$ CTS.		\$ CTS.	\$ CTS.
					4.1.	9 5		The state of the s	II WALLOW COMMENT
Between Stake No.	83	3,8	2.0	9.6					,
and Stake No	84'	4.1.	•		. 85 .	12.75			
Between Stake No.	85	4.2	••		93 .	. 13 95	i		and the property of the proper
and Stake No.	86	4.2	•		96.	. 14 40			SOCIAL POPULAR PARAMETERS AND
Between Stake No.	87	4.3	••		96 .	. 1440			Tyres delanas and the second s
and Stake No.	88	4.3	N		100	1500			
Between Stake No.	89	4.4	- 41		100.	15 00			distinguishment and Likeke
and Stake No.	+35	6.7	•		fil.	. 615	34-11 of 36" Cor. I Pipe	CCI CLUMING AND	⁷⁵ 95. 20
Between Stake No.	+ 65	B. 7 .	4		148.	. 120			
and Stake No.	90	4.5	••		. 3 8 .	. 570	·		
Between Stake No	91	4,5	••		100.	. 15 00	•		
and Stake No.	92	4.2			100 .	. 15-00		•	The second secon
Between Stake No.	93	4.4	· ·		96.	. 1460			
and Stake No.	94	4.2	.,		96.	1460			T T T T T T T T T T T T T T T T T T T
Between Stake No.	95	4.4	-		93	•	• .		
and Stake No.	96	4,0	V		93 .	13 95			and or account of the second o
Between Stake No.	97	4,2	Y.		89	13 35			
and Stake No.	98	<i>f</i> :'	4.		89	13 35			and an analysis of the state of
Between Stake No.	99	4.0	**		85	. 1275			T
and Stake No	100	40	,		85				
					1623	P243.45			

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

Showing Estimated Depth of Cut, Width, No. of Cubic Yards Removed and Cost of Same, in County Ditch No. 38

SECTION	e e e e e e e e e e e e e e e e e e e	(1) DEPTH OF CUT	(2) WIDTH OF CUT	(3) WIDTH OF CUT	(4 No. OF CUE	1	(5) Estimated Cost	(6) Character of Other Expenses, Including Prelimin and Expense of Inspecting Works Until Com-With Total per Section	ary Expense	3	(7) Tota Estimate	
BECTION		DEFIN OF COL	AT BOTTOM	AT TOP	TO BE RI	EMOVED	Per Cubic Yard	and Expense of Inspecting Works Until Com With Total per Section			per Sec	ction
	A Committee of the Comm						\$ CTS.		\$	CTS.	\$	CTS.
Between Stake No.	101	3.9	2,0	9.8		85	12 75					
and Stake No.	102	<i>3,9</i>	•	9.8		8 डे	12 75	y		Project/fiel Jean		
Between Stake No.	103	3,9		9.8		8 ప్	12 75		To the second			
and Stake No.	104	4.1	MALAY MANAGEMENT OF THE STATE O	10.2		82	13 33			The state of the s		
Between Stake No.	103	3.6	William Carlo	9,2		82	1230					
and Stake No.	+73	4.0	Magailleanna an	10.0		57	8 55					
Between Stake No.	106	3.9	ring and the state of the state	9.8	3 · , ,	22	3 30					
and Stake No.	107	3.7	• •	9.4	11	66	9 90					
Between Stake No.	108	3.8	CONTROL OF THE CONTRO	9,6	14	68	10 20					
and Stake No.	109	3.8	••	9,6	20	58	8 70					-
Between Stake No	110	3.6	♣ •	9.2	18	38	5.70			complete management of the		Account of the second
and Stake No.	///	2.5	A P	7.0	12	44	6 60			0.0000000000000000000000000000000000000		
Between Stake No.	112	3.6	Constitution of the Consti	9.2	13	62	930			-		
and Stake No.	// 0	. 3 .6	**	9, 2	13	6 S	9 75					#17 (Mark
Between Stake No.	114	3,9	The state of the s	9.8	/3	68	10.20			To provide the second		***************************************
and Stake No.	//3	3.6	The state of the s	9,2	13	58	8 70			7770		
Between Stake No.	116	3.5	• •	9.0	15	56	8 40			77777		ALL COMPANY TO THE CONTRACT OF
and Stake No.	117	<i>3ે</i> .ક	••••••••••••••••••••••••••••••••••••••	9.0	15	· 53	7 95			The state of the s		TOTAL PROPERTY OF THE PARTY OF
Between Stake No- and Stake No	118	3.3		8.6	13	572	780		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	TOTAL PROPERTY.		THE STATE OF THE S
www. Ducke 310	119	3.3	2.0	8,6	18	47	1 946 66					

186.00 1240

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



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

Dou	My
r-	

Ditch No. 38

		(1)	(2)	(3)	(,	4)	(5)	(6)			(7))
SECTION		DEPTH OF CUT	WIDTH OF CUT	WIDTH OF CUT	No. OF CU	BIC YARDS	Estimated Cost		ry Expenses		Tota Estimate	
BECTION	E	DEFIN OF COT	AT BOTTOM	AT TOP	то ве в	EMOVED	Per Cubic Yard	Character of Other Expenses, Including Preliminal and Expense of Inspecting Works Until Comp With Total per Section	leted		per Sec	d Cost etion
							\$ CTS.		\$	CTS.	\$	CTS.
						#/	5					
Between Stake No.	20	3,3	2.0	8.6	18	1 , 1	705		10 mm			-
		ļ.	7.0			47						
and Stake No. \prime	21	3.1		8,2	18	44	6 60					-
Between Stake No.	122	3.4	•	8.8	20	45	6 75					
7 (2) 7 . 3/			•			1 //.	1					
and Stake No.	123	3,3	••	8.6	20	46	6 90					
Between Stake No.	124	2.4		6,8	20	30	4 50					
			• • • • • • • • • • • • • • • • • • •				,					
ana Stake No.	2 د 2	3,6		9,2	21	34	5 10					At deader a more
Between Stake No.	126	3,7	1,	9.4	22	53	J 95			Common or School of Common		
and Stake No.	127	3.7	•	9.4	30	48	1 20					
Between Stake No.	128	3.9	•1	9.8	49	33	4 95			4		
and Stake No.	129	3.9		9.8	53	32	4 80					
Patruaga Vtales No	130	4.0		10.0	58	27	4 05				•	
and Stake No.			**				/ / / /					7-0-1
/	131	3,5	••	9.0	58	20	3 00					
Between Stake No.	132	3,8		9.6	53	22	3 30			Annual state of the state of th		
and Stake No.	133	3,5	•	9.0	52	19	2 85		To the state of th	den mario de deserviciones de la constanta de		
$Between\ Stake\ No.$		-				500	\$75 00			100000		
$and \ Stake \ \mathcal{N}o.$									*			
$Between\ Stake\ No.$,										
$and~Stake~No.$ \cdot												
$Between\ Stake\ No\cdot$	2 to 1 to						THE CONTRACT OF THE CONTRACT O					
and Stake No						-	74 550 0000			10 (10 m) 10		
						1			31	1 1		1

Sheet 710.8

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 Ditch No.

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 Yard \$ CTS.	(6) Character of Other Expenses, Including Preliminar and Expense of Inspecting Works Until Compl With Total per Section	y Expenses leted \$ CTS.	(7) Total Estimated Cost per Section \$ CTS.
Between Stake No.	otals Bro Shelf	f Fowar	al			•		
	Shell	no 1		310	46 50	30H of 30" Cort Pipe.	J7 00	
and Stake No. Between Stake No.	The first control of the control of	" K		422	4330 13035	34tt of 36" " I Pipe	95.20) \$ 146 20	The control of the co
and Stake No.	e de la constant de l	. 4		991	148 65		7 7 9	
Between Stake No.	Alexandra de la companya de la comp	. 3		1623	24345			
and Stake No. Between Stake No.		6		1240 500	186 00 75 00		-	•
and Stake No.		,						The second secon
Between Stake No and Stake No	ALCA CASA CASA CASA CASA CASA CASA CASA			5955cu.yd Pipe Total=#	893 23			* * * · · · · · · · · · · · · · · · · ·
$Between\ Stake\ No.$				Total = #	1039 45	-		•
and Stake No. Between Stake No.								
and Stake No.	M. (1.1. 1.2. 1.2. 1.2. 1.2. 1.2. 1.2. 1.							
Between Stake No. and Stake No.								
Between Stake No	All in the second of the secon						•	and a continuous and a
and Stake No								

No. 681.—Exhibit No. 4 to Engineer's Report in Ditch Proceedings.

Exhibit **, showing Time and Compensation of Engineer, Names and Compensation of Assistants and Laborers, and all other Expenses of Survey of Repairs of Ditch No. 38

Amounts ENGINEER'S TIME OTHER EXPENSES, NATURE AND CHARACTER OF SAME NAMES OF ASSISTANTS Amount Total No. Other than AND COMPENSATION AND LABORERS of Days per Day Amount Assistants and Laborers Cts. Employed TimeCts. Cts. \$ Cts. 3 days Bond Livery Meals Hath 18 00 K. P. Caswell
Harold Blewett 4/2 2 50 11 25 200 8 00 19 25 \$18 00 12 25 TOTALS,