



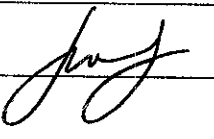
Drain: GEORGE STMONDS **Drain #:** 283
Improvement/Arm: _____
Operator: J. LIVINGSTON **Date:** 6-25-04
Drain Classification: Urban/Rural **Year Installed:** 1892

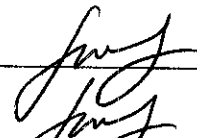
GIS Drain Input Checklist

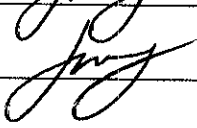
- Pull Source Documents for Scanning
- Digitize & Attribute Tile Drains
- Digitize & Attribute Storm Drains
- Digitize & Attribute SSD
- Digitize & Attribute Open Ditch
- Stamp Plans
- Sum drain lengths & Validate
- Enter Improvements into Posse
- Enter Drain Age into Posse
- Sum drain length for Watershed in Posse
- Check Database entries for errors














4 ...

Court met at 8 1/2 o'clock A.M. pursuant to adjournment.

Present the same Hon. judge and officers as of yesterday.

Whereupon the sheriff proclaimed said court open, and the following proceedings were had therein to wit:

Alpha Scott	} No. 9305.
Alpha Scott as guardian of	
James O. Scott.	
Walter Scott.	
Mary E. Foster	} No. 9305.
Andrew J. Foster	

Mary E. Foster by L. O. Clifford her attorney and files herein in answer to the plaintiff's complaint.

Which said answer is in the words and figures following to wit: (Here insert.)

George Symons	} No 9303.
et al	

Drainage Commission now the drainage commissioners J. B. Baker, Eli Stulper and J. S. Cyner and report in open court as follows:

Report of Commissioners.
 To the Honorable Judge of the Hamilton Circuit Court:
 The undersigned, Commissioners of Drainage, to whom was referred the petition of Symons et al, for the drainage of certain lands hereinafter described situate in Hamilton County, respectfully report that

They have inspected personally all the lands described in said petition, and all other lands liable to be affected by the construction of the proposed work, and are of the opinion that the proposed drainage will be of public utility, and will be a benefit to three public highways, and will improve the health of the neighborhood.

And that said drain can be constructed at a expense less than the aggregate benefit to the lands affected thereby.

And after causing the necessary survey and measurements to be made they determine that the method of drainage should be as follows to wit:

Commencing about 10 rods West & 10 rods South of the N & E corner of the SE quarter of the SW quarter of sec 32, Township 20, Range 3 East in an open ditch running thence North

- 21° E. 800 feet North 33° E 800 East 41° North 1000 .. East 450 North 300 East 48° N 500
- East 36° North 400 .. East 53° N 1400 North 15° West 430
- North 5° West 970 .. North 41° E 300 East 21° N. 300
- East - 750 .. East 14° N. 700 East 9° N. 700
- East 41° N 300 .. North 8° W 700 East 41° N 500
- East 47° N 200 .. East 17° N 400 East - 400
- East 31° N 1200 .. East 10° N 1100 East 25° N 900
- East 37° N 400 .. North 4° W 600 North 19° W 1100
- North 19° E 500 .. North 15° W 200 North 35° E 200
- East 35° S $\frac{400}{1900}$.. East - $\frac{200}{6200}$ North - $\frac{100}{5400}$

And terminating in an open ditch Little Cicero

Drain No. 1 - Commencing - about 20 rods South of the North West corner sec 28 - Tp 20 - R 3 E
 East 800 ft South 25° E 250 South 650
 East 400 .. East 41° N 200 East 750
 East 15° S 150 .. East 45° S - 1200 East 21° S 800

Terminating in main line near station 108 -
 Drain No. 2 Commencing about 5 rods East of the N West corner of the NE 1/4 of the NE 1/4 sec 33

Township 20 N of R 3 E^x thence North 33° W 250
 North 23° E 200 ft North 40° W 250 ft West 100
 West 49° N 400 " West 32° N 400 " N 30° W 300
 Terminating in main ditch at Station 97.

Bill of costs and charges for commissions.
 To the Honorable Judge of Hamilton Circuit Court.
 We the commissioners and surveyor on the
 George Symons tal. in ruin, would
 respectfully submit his honors consideration
 the following bill of expenses.

Eli Stalker Commissioner 17 days	\$51.00
J. Burrey Baker " 17 "	51.00
J. J. Cyner Engineer 70 "	112.00
Will Greene chainman 3 1/2 days @ \$1.50 da.	5.25
Elijah Sawron Rodeman 4 " " 1.50 "	6.00
Wes Sapp Stake driver 1 " " 1.50 "	1.50
Wes Leap chainman 2 1/2 " " 1.50 "	3.75
W M Matti axman 3 1/2 " " "	5.25
L. Harris axman 2 1/2 " " "	5.25
	<u>\$ 242.50</u>

Respectfully,
 J. J. Cyner
 S. Stalker

Ann Number 4, (Dunfair)
 Station 0 To Sta 15+50 - 2 Rows 10" tile 186.50
 Laying and covering 19.40
 Excavating 1477 - cut Rds - 183.92
 389.32

Ann Number 5 (Hammill Underwood)
 Sta 0 To 24 1 Row 12" tile 144 R. 216.00
 " 14 " 2nd 1 " 10" " 78 R. 78.00
 Laying and covering tile 22.20
 Excavating and grubbing 72.46
 388.66

Ann Number 6, (Norman)
 Sta 0 To Sta 10 1 Row 8" tile 60 R. 42.00

Laying and covering tile	20.00
Excavating 683 cu Rods.	86.95
	<u>106.95</u>
Cost of excavating on main line.	1880.35.
Sta 0 To Sta 22.115 4 R 12" tile 532 at 1.50 per R	798.00
Laying tile and covering	54.02
Embedding	20.00
	<u>1952.37</u>
Item No 1. (Kinross)	
Sta 0 To Sta 8 2 Rows 10" Tile 9 Rods 1.00 per R.	96.00
Sta 8 To 22 2 " 12" " 168 " 1.50 " "	252.00
Laying and covering tile	26.40
Excavating +	216.85
Embedding & Dredging	20.00
	<u>611.25</u>
Item No 2. Kirkeval.	
Sta 0 To Sta 5, Row 12" tile 30 Rods 1.20 per R.	45.00
Laying and covering tile	3.00
Excavating 700 Rods Excavating	116.53
	<u>164.53</u>
Item No 3. Hawkey Boatman.	
0 To 2 R 12" tile 40 Rods 1.50 per R.	72.00
Laying & covering tile.	4.80
Excavating 556 cu yards.	69.50
	<u>146.30</u>
Total cost of construction.	\$3950.39.

They estimate the cost of constructing the work at thirty nine hundred and ninety one (\$3991.00) dollars.

They report further that they have estimated the benefits and injury to the several tracts of land which will be affected by the work, as follows:

next page.

Owner.	Description	S	T.	R.	Acres	Beit.	Benefit
A. O. Scott.	Pl NW NW	5	19	3	12	8	1500
Geo. Simons.	Pl NW NW	5	19	3	20	20	6500
L. O. Henry.	Pl N. NW	5	19	3	8	6	900
William Norman	Pl NW NW	5	19	3	9 ^{50/100}	5	2500
Samuel Barker.	Pl NW NW	5	19	3	40	4	500
Harriet ^{same} L. O.	Pl NE NW	5	19	3	10 ^{1/2}	38	2500
George Winters	Pl NE NW	5	19	3	25	20	1500
Sheridan Improvement Co.	Pl NE NW	5	19	3	20	20	1500
Sheridan Brick Co.	Pl NE NW	5	19	3	35	30	2000
Stute group	Pl W NE	5	19	3	58	10	500
Mary Huffman.	Pl NE NW	5	19	3	23		
L. M. Hare.	Pl NW NW	32	20	3	15	15	4000
Cowell Boxley Est.	Pl NW NW	32	20	3	40	40	5000
J. A. Boxley	Pl SW NW	32	20	3	15	11	2000
Lewis Underwood Est	Pl NE NW	32	20	3	40	40	7000
Same	Pl NW NW	32	20	3	40	40	13000
John Underwood	Pl NE NW	32	20	3	40	40	5000
same	Pl NE NW	32	20	3	40	40	7500
Same	Pl NW NW	32	20	3	40	40	5000
Same	Pl NE NW	32	20	3	40	40	5000
Lewis Underwood	Pl NE SW	32	20	3	27	27	4700
Sheridan Corporation	Pl NE SW	32	20	3	20	20	8500
Same	Pl SE SW	32	20	3	40	40	17300
Same	Pl NW NW	32	20	3	40	30	13000
Same	Pl SW SW	32	20	3	40	22	9600
Wilson Clark	Pl SE SE	32	20	3	13	13	750
Arthur Macy	Pl SE SE	32	20	3	40	40	3000
J. W. Underwood	Pl NE SE	32	20	3	53 ^{25/100}	53	6000
Katherine Underwood	Pl NW 1/4	32	20	3	40	40	20000
same	Pl NW 1/4	32	20	3	12	12	10000
William Mosey	Pl NW 1/4	32	20	3	159 ^{100/100}	159 ^{100/100}	500
J. R. Boutman.	Pl NW 1/4	32	20	3	159 ^{100/100}	159 ^{100/100}	150
D. H. Gerber.	Pl SW 1/4	32	20	3	1	1	150
John Statley.	Pl SW 1/4	32	20	3	1	1	150
same.	Pl SE 1/4	32	20	3	1	1	150
Robert Cox.	Pl SE 1/4	30	20	3	40	15	1000
Cowell Boxley Est	Pl NE SE	31	20	3	27	15	750
Jonelius Oiler.	Pl NW NE	31	20	3	10	8	300
Cowell Hickman	Pl NW NE	31	20	3	1	1	200

Owners,	Description	S	T.	R.	A.	Clear Acres	Benefit
Wm. Minor	SW 1/4 NW 1/4	33	20	3	8	8	20 00
J. K. Newby.	NE 1/2 NW 1/4	33	20	3	40	40	85 00
James Purpus.	WW SW 1/4	33	20	3	40	20	10 00
same,	SSW SW	33	20	3	20	20	5 00
same,	SW 1/4 NW 1/4	33	20	3	12	12	17 00
Ruston Mandenhall	SW 1/4 SW 1/4	33	20	3	40	20	5 00
J. same.	NW SW 1/4	33	20	3	20	20	20 00
J. same.	SE 1/4 NW 1/4	33	20	3	40	40	20 00
Harvey Brathman.	NE 1/4 NW 1/4	33	20	3	40	40	70 00
same,	SE 1/4 NW 1/4	33	20	3	40	40	40 00
J. same.	NE 1/4 NW 1/4	33	20	3	40	40	15 00
J. Phillips.	NW 1/4 SE 1/4	33	20	3	40	40	15 00
J. same.	SW 1/4 SE 1/4	33	20	3	40	30	20 00
same.	SSW 1/4 NE 1/4	33	20	3	40	30	30 00
Lucie Kitcherick.	NE 1/4 NE 1/4	33	20	3	40	30	30 00
same.	SE 1/4 NE 1/4	33	20	3	20	20	7 50
same.	SW 1/4 SW 1/4	33	20	3	40	40	42 50
same.	NW 1/4 NW 1/4	34	20	3	40	25	35 00
same.	NE 1/4 NW 1/4	34	20	3	40	10	10 00
Joseph Colteral.	SE 1/4 NE 1/4	33	20	3	40	40	20 00
same	SE 1/4 SE 1/4	33	20	3	40	20	15 00
same.	NE 1/4 NE 1/4	33	20	3	40		
Mrs. J. Jones	SW 1/4 NW 1/4	34	20	3	40	10	6 00
Chas. G. Glett	SW 1/4 NW 1/4	29	20	3	40	10	15 00
G. J. Simkins	NW 1/4 NW 1/4	29	20	3	20	10	5 00
Joseph Furness	SE 1/4 NE 1/4	28	20	3	40	40	65 00
same.	NE 1/4 SE 1/4	28	20	3	40	40	50 00
same.	SE 1/4 SE 1/4	28	20	3	40	40	20 00
Wm. C. Newbough.	NW 1/4 NW 1/4	27	20	3	40	40	12 50
same.	NE 1/4 NW 1/4	27	20	3	40	40	45 00
same.	SE 1/4 NW 1/4	27	20	3	7 ⁵⁰ / ₁₀₀	7 ⁵⁰ / ₁₀₀	7 50
Samuel Starrett.	SW 1/4 NW 1/4	27	20	3	40	40	31 25
same.	SE 1/4 NW 1/4	27	20	3	12 ⁵⁰ / ₁₀₀	12 ⁵⁰ / ₁₀₀	6 25
Bernard & Ambrose	NW 1/4 SW 1/4	27	20	3	40	40	40 00
same.	NE 1/4 SW 1/4	27	20	3	40	40	20 00
same.	SE 1/4 SW 1/4	27	20	3	40	30	10 00
Mary C. Foster.	NW 1/4 NE 1/4	27	20	3	40	15	30 00
Clibert Mann.	SW 1/4 NE 1/4	27	20	3	40	15	7 50
Elmer Myers.	SW 1/4 SW 1/4	22	20	3	40	40	30 00

Owners	Descriptions	S	T	R	Acres	Ben	Assess	Assess
same.	SW 1/4	22	20	3	40			
Lina Myers,	SE 1/4	22	20	3	40	40	20.00	
same,	NE 1/4	22	20	3	16	16	10.00	
J. F. Kewly,	SW 1/4	22	20	3	40	10	20.00	
same,	SE 1/4	22	20	3	16 3/4			
J. S. Kereval,	NW 1/4	21	20	3	31	8	150	
same,	NW 1/4	21	20	3	40	35	1750	
same,	SE 1/4	20	20	3	40	40	2500	
same,	NW 1/4	20	20	3	40	15	500	
same,	SE 1/4	20	20	3	26	13	500	
M. A. Kereval,	SE 1/4	20	20	3	40	40	3000	
J. A. Vickery,	SW 1/4	21	20	3	40	40	3000	
same,	NE 1/4	21	20	3	40	20	3000	
Barbara Dell,	SW 1/4	21	20	3	40	16	1000	
J. M. Murtry,	NW 1/4	21	20	3	40			
E. C. Myers,	SE 1/4	21	20	3	40			
same,	SE 1/4	21	20	3	40	40	2000	
Eva Underwood	NE 1/4	29	20	3	40	15	1000	
same	S. SE 1/4	29	20	3	20	20	1000	
E. A. Wittum	SW 1/4	29	20	3	6 6/10	6	500	
F. W. Cynabough,	SE 1/4	29	20	3	33 3/10	33	2150	
D. M. Hare,	NW 1/4	29	20	3	20	10	1000	
same,	SW 1/4	29	20	3	40	40	2500	
David Linton,	SE 1/4	29	10	3	40	40	3250	
same,	W. NW 1/4	29	10	3	20	20	5000	
Wm. J. Lewis,	NW 1/4	29	20	3	40	40	4500	
same,	SE 1/4	29	20	3	20	20	1000	
same,	SW 1/4	29	20	3	40	30	2000	
M. A. Kereval,	NE 1/4	29	20	3	40	40	3250	
J. A. Bonley,	SE 1/4	29	20	3	40	40	2000	
William Farrow	NE 1/4	29	20	3	40	40	2500	
same,	SE 1/4	29	20	3	40	40	5000	
same,	E. N. W 1/4	29	20	3	20	20	3000	
Annibal Underwood	SW 1/4	29	20	3	40	40	11000	
William Haworth	SE 1/4	28	20	3	37	37	24000	
same,	SW 1/4	28	20	3	40	40	14000	
same,	SE 1/4	28	20	3	3	3	300	
John Kincaid,	NE 1/4	28	20	3	40	40	5000	
same,	SE 1/4	28	20	3	40	40	4000	

Owner	Description	S	T	Area	Area	Area	Area	Area	Area
Eli Hutchens	SW 1/4	28	20	3	36	36			80.00
same	SW 1/4	28	20	3	40	40			70.00
Mary Cox	NE 1/4	28	20	3	40	40			70.00
same	SE 1/4	28	20	3	40	40			55.00
J. W. Kercheval	SW 1/4	28	20	3	39	39			20.00
John Wood	Small Swear NW	NE	28	20	3	1	1		1.50
Marion Ferrus	SW 1/4	NE	28	20	3	40	40		55.00
W. S. Coyner	NW 1/4	SE 1/4	28	20	3	40	40		80.00
same	SW 1/4	SE 1/4	28	20	3	40	40		30.00
M. W. Asplund	NE 1/4	NE 1/4	28	20	3	40	40		25.00
Stephen Cottingham	SW 1/4	SW 1/4	20	20	3	40			
same	SE 1/4	SW 1/4	20	20	3	40	15		10.00
Washington Cottingham	NE 1/4	SE 1/4	20	20	3	20	20		9.00
M. A. Kercheval	SW 1/4	SW 1/4	21	20	3	40	40		30.00
same	SW 1/4	SE 1/4	20	20	3	20	20		10.00
Adams Tp. Public School B	No 3 SW	SW	28	20	3				
Sherridan Public School			32	20	3				
John E. Kercheval	NW	NE	33	20	3	40	40		35.00
same	N 1/2 SW	NE	33	20	3	40	20		10.00
J. W. Underwood	SW NW	SE	32	20	3		18		75.00
same	SW NE	SE	32	20	3		14		45.00
same	SW	SE	32	20	3		18		15.00
same	SE	SE	32	20	3		13 1/2		15.00
C. B. Harbungh	SW SE 1/4	NW 1/4	27	20	3		20		10.00
J. W. Kercheval	SW NW 1/4	NW 1/4	28	20	3	3	3		6.00
Aspen ton County	Adams Tp Gravel Road		32	20	3				5.00
Adams Tp. Public Highway	N and S between	see 28 and 29							10.00
" " " "	" " " "	" " " "							10.00
" " " "	East W "	see 5 and 32							10.00
" " " "	East W in 2	22 20 3							10.00
Aspen ton County	Branch Gravel Road E to W between	see 28 and 29							5.00

\$4577.00

A list of which is respectfully submitted.
 Eli Stulker }
 James B. Baker } Commissioner
 J. S. Coyner }

4th day Sep Term 1892.

Sep 8, 1892.

State of Indiana, Hamilton County, SS:
 We, the undersigned, Commissioners of Drainage, swear that we have each personally examined each tract of land assessed for benefits and damages and the whole route of the proposed work, and that such drain is of sufficient capacity to carry, without overflowing all the water which flows or should flow along such route; that no other lands than those described in this report will be either benefited or damaged by the construction of the proposed work, and that all the statements therein are true and correct, and that all assessments of benefits and injuries set forth therein are correct, just, fair and equitable to all parties concerned, as we verily believe.

Eli Stulker,
 James B. Baker, ^{Commissioners}

Subscribed and sworn to before me this 6th day of September, 1892, before me.

Joel Stappord
 Clerk Circuit Court.

[Faint, mostly illegible text]
 But not being sufficiently advised concerning the charges of commissioners herein, such said charges & under advancement and day is given.

see next Page for Profile.

Profile Paper.
Geo. Simmons Ditch

Main Line
Stations

Station	Depth of Cut	Width of Top	Width of Bottom	Price per cu yd	Total
0			4 ft 6 in	12 1/2	
P.M. (342)					
1	4-6		"	"	43 65
2	5-2		"	"	43 65
3	5-3		"	"	43 29
4	4-6		"	"	43 29
5	4-0		"	"	42 39
6	4-2		"	"	42 39
7	4-7		"	"	42 39
8	4-0		"	"	42 39
B.M. (40) 3					
9	3-7		"	"	42 39
10	4-0		"	"	42 26
11	4-6		"	"	42 26
12	4-5		"	"	42 26
13	3-6		"	"	42 50
14	4-3		"	"	42 50
15	4-3		"	"	42 50
16	3-9		"	"	41 50
17	4-8		"	"	41 75
B.M. (56) 3					
18	3-7		"	"	41 90
19	5-2		"	"	41 90
20	3-8		"	"	42 40
21	4-1		"	"	42 40
22 x 15	4-2		2 ft	"	42 40 @ end of 15
23	3-0		"	"	10 65
24	3-7		"	"	4 25
B.M. (51) 9					
25	3-3		"	"	4 25
26	3-8		"	"	4 25
27	3-1	8 ft 2 in	2 ft	12 1/2	4 25
28	4-3	10-6	"	"	4 63
29	3-0	8	"	"	4 63
30	4-0	10	"	"	4 63
31	3-6	9	"	"	4 63
32	5-5	12-10	"	"	4 75

11/2 corner bridge.

Sycamore square. Stake 8

Asch at stake 17

Sugar tree at stake 24

957.76

No of Station	Depth of Station	Depth of Stake	Width of Stake	No. of cubic yds to be removed.	Price per cubic yd.	Total cost per station
P.M.	(700)		2 ft Buckeye	30 ft east of stake	32.	
33	4-9	11-6	"	38	12 1/2	475
34	5-8	13-4	"	38	"	475
35	4-5	10-10	"	52	"	650
36	4-9	11-10	"	52	"	650
37	5-1	14-2	"	52	"	650
38	5-1	12-2	"	52	"	650
39	4-6	12-2	"	65	"	813
40	5-6	13-	"	65	"	812
41	4-9	13-6	"	65	"	813
42	4-6	11-2	"	65	"	812
43	4-4	10-8	"	63	"	788
44	4-4	10-8	"	63	"	787
45	4-7	11-2	"	63	"	788
46	5-8	13-1	"	63	"	
P.M.	(575)		" Oak	Tree 60 ft east of stake	46	
47	5-5	14-10	"	63	"	788
48	5-8	13-4	"	63	"	787
49	4-8	11-4	"	63	"	788
50	5-2	12-4	"	58	"	725
51	5-1	12-2	"	51	"	637
52	5-2	12-4	"	51	"	638
53	5-5	12-10	"	51	"	637
54	5-5	12-10	"	51	"	638
55	5-8	13-4	"	51	"	637
56	5-6	13 ft.	"	51	"	638
57	5-3	12.6 in	"	87	"	1088
58	5-4	12.8	"	147	"	1838
59	5-4	12.8	"	148	"	1850
60	5-3	12.6	"	144	"	1800
61	5-0	12	"	134	"	1675
62	5-4	12.8	"	134	"	1675
(P.M.)	(207)		" Walnut	Tree 60 ft East of stake	62.	
63	7-0	16	"	185	"	2313
64	8-2	18 4.	"	268	"	3350
65	6-0	14.	"	237	"	2963
66	4-8	12 1/2 in	3 ft	145	"	1812
67	4-6	12.	"	133	"	1663
68	4-4	11.	"	118	"	1488

189.77

No. of Station	Depth cut	Width at top	Width at bottom	No. cu yds. of base removed	Price per cubic yd.	Total cost per station
69	4-4	11-8	3 ft	114	"	1425
70	5-3	13-6	"	30	"	375
71	5-3	13-6	"	30	"	375
72	5-2	13-4	"	30	"	375
73	5-6	14	"	30	"	375
74	5-3	13-6	"	30	"	375
75	5-3	13-6	"	30	"	375
B.M. (586)		" Clearcut Stake 75				
76	5-4	13-8	"	35	"	437
77	5-2	13-4	"	35	"	438
78	5-3	13-6	"	35	"	437
79	5-2	13-4	"	35	"	438
80	5-6	14	"	55	"	687
81	5-5	13-10	"	55	"	688
82	5-7	14-2	"	55	"	687
83	5-3	13-6	"	55	"	688
84	5-6	14 feet	"	45	"	563 328.48
85	5-5	13 ft 10 in	3 ft	45	"	562
86	5-2	13-4	"	45	"	563
B.M. (557)		" S. West stake 86				
87	5-4	13-8	"	45	"	562
88	5-5	13-10	"	45	"	563
89	5-2	13-4	"	45	"	562
90	5-6	14	"	45	"	563
91	6-3	15-6	"	31	"	387
92	5-7	14-2	"	31	"	388
93	5-8	14-4	"	31	"	387
94	5-2	13-4	"	31	"	388
95	5-4	13-8	"	24	"	300
96	5-3	13-6	"	24	"	300
97	4-3	11-6	"	22	"	275
B.M. (656)		" Ash stump 20 ft south East Stake 97				
98	5-1	13-2	"	20	"	250
99	4-4	11-8	"	20	"	250
100	4-7	12-2	"	20	"	250
101	5-2	13-4	"	20	"	250
102	4-7	12-2	"	20	"	250
103	5-4	13-8	"	20	"	250
104	6-1	15-2	"	20	"	250

any representation, etc.

work Station	Depth of Cut.	width on top.	width in bottom.	No. of cub yds to be removed.	price per cub. yd.	total cost per sta.
105	5-3	13-10	"	20	"	250
106	5-6	14-	"	20	"	250
107	5-2	13-4	"	20	"	250
108	5-6	15-	4ft.	22	"	275
109	4-9	13-6	"	22	"	275
110	4-1	12-2	"	22	"	275
111	4-2	12-4	"	22	"	275
112	4-2	12-4	"	22	"	275
113	4-4	12-8	"	22	"	275 (175)
114	6-1	16ft 2 in	"	22	"	275
115	4-9	13-6	"	22	"	275
116	5-6	15-	"	22	"	275
117	5-4	14-8	"	22	"	275
118	4-0	12-	"	22	"	275
119	5-5	14-10	"	22	"	275
B.M.	(7.05)				General Station	119.787
120	6-1	16-2	"	23	"	286
121	4-3	12-6	"	23	"	287
122	4-4	12-8	"	23	"	288
123	4-4	12-8	"	23	"	287
124	5-2	14-4	"	25	"	312
125	5-6	15-	"	22	"	275
126	5-0	14-	"	22	"	275
127	6-2	16-4	"	22	"	275
128	7-6	19-	"	22	"	275
129	8-2	20-4	"	22	"	275
130	6-4	16-8	"	19	"	231
131	5-0	14-	"	19	"	238
132	6-5	16-10	"	19	"	237
133	6-5	16-10	"	19	"	238
134	5-1	14-2	"	19	"	237
135	5-1	14-2	"	19	"	238
136	5-2	14-4	"	19	"	237
137	5-2	14-4	"	21	"	262
138	5-4	14-8	"	21	"	263
139	6-2	16-4	"	21	"	262
140	4-6	13-	"	21	"	263
141	4-4	12-8	"	23	"	287

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No of station	Depth cut.	Width Top.	Width Bottom	Area removed	Price per cu yd	total amt station
143	6 7	17 2	4 ft	26	14 1/2	3 25 (84)
144	6-8	17 ft 7 in	"	26	"	3 25
145	6-0	16	"	26	"	3 25
146	6-2	16.5	"	26	"	3 75
147	5 3	14 7	"	22	"	2 75
148	5 4	14 10	"	22	"	2 75
B. No (615)						As above side ditch
149	7 3	18 7	"	28	"	3 50
150	2 5	13 0	"	26	"	3 25
151	4 2	12 5	"	26	"	3 25
152	6 4	16 10	"	22	"	2 75
153	5 0	14 0	"	22	"	2 75
154	5 3	14 7	"	24	"	3 00
155	5 3	14 7	"	24	"	3 00
B. M. (610)						Strips south of stake 155
156	4 2	12 5	"	22	"	2 75
157	5 3	14 7	"	24	"	3 00
158	5 1	14 2	"	24	"	3 00
159	4 7	13 5	"	22	"	2 75
160	4 5	13 0	"	21	"	2 62
161	4 8	13 7	"	21	"	2 63
162	4 8	13 7	"	21	"	2 62
163	4 1	12 2	"	44	"	5 50
B. M. (453)						again at stake (163)
164	5 7	13 5	"	44	"	5 50
165	6 9	9 10	"	44	"	5 50
166	4 7	13 5	"	44	"	5 50
167	3 6	11 2	"	119	"	14 87
168	4 6	13 2	"	119	"	14 88
169	4 1	12 2	"	155	"	19 38
170	6 0	16 0	"	207	"	25 87
171	5 5	15 0	"	207	"	25 88 (179.00)
172	5 2	14 4 in	"	184	"	23 00
173	4 4	12 8	"	155	"	19 38
174	4 4	12 8	"	134	"	16 75
175	4 6	13	"	144	"	18 00
176	3 3	10 6	"	63	"	7 87
177	4 1	12 2	"	25	"	3 12

Survey map of ...

No. of Station	Depth of Cut	Width on Top	Width in bottom	no. of cubic yds. to be removed	Price per cubic yd.	Total cost for station
179	3-7	11-2	4 ft	25	1 1/2	372
180	3-4	10-8	"	25	"	313
181	5-0	14-	"	20	"	250
182	4-1	12-2	"	20	"	250
183	3-7	10-2	"	20	"	250
184	3-7	11-2	"	20	"	350
185	3-5	10-10	"	20	"	250
186	2-5	8-10	"	10	"	125
B.M. (178)						On southwest corner bridge.
187	3-0	10ft	"	10	"	
188	5-4	14-8 in	"	10	"	125
189	5-1	14-2	"	10	"	125 113 25
Ann No. 0	3-0	2ft	2ft		1 1/2	
B.M. (175)				Tree 15ft. east		of stake (1)
1	3-8	"	"	25	"	1633
2	4-0	"	"	30	"	1695
3	4-2	"	"	30	"	1695
4	4-1	"	"	30	"	1695
5	4-3	"	"	32	"	1720
6	4-3	"	"	34	"	1745
7	4-0	"	"	32	"	1720
8	4-0	2 1/3 ft	2 1/3 "	30	"	2295
9	4-0	"	"	37	"	2383
10	3-3	"	"	32	"	2320
11	3-2	"	"	32	"	2320
12	3-8	"	"	32	"	2320
13	4-4	"	"	41	"	2432
B.M. (178)				Red Oak		
14	5-5	"	"	46	"	2495
15	5-3	"	"	50	"	2545
16	4-2	"	"	44	"	2470
17	4-2	"	"	39	"	2408
18	3-4	"	"	35	"	2358
19	4-6	"	"	37	"	2383
20	3-9	"	"	39	"	2408
21	3-4	"	"	33	"	2333
22	4-3	9-6	1ft	36	"	450

No. of Station	Depth in feet	Width in ft.	Width in bottom	No. of cubic yards removed	Price per cubic yard	Total cost per station
24	4-2	9-1	1 ft	35	12 1/2	437
25	6-0	12	"	35	"	438
26	4-2	9-4	"	35	"	437
27	5-4	7-5	"	37	"	462
28	5-4	11-5	"	37	"	463 (484)
B.M. (534) Hickory soft, South Stake 28.						
29	4-7	10-2	"	37	"	462
30	4-1	9-2	"	37	"	463
31	5-5	11-10	"	47	"	587
32	4-1	9-2	"	47	"	588
33	3-8	8-4	"	47	"	587
34	4-5	9-10	"	47	"	588
35	5-3	11-6	"	47	"	587
36	3-9	8-6	"	52	"	650
37	5-6	12	"	52	"	650
38	5-5	12-4	"	52	"	650
39	4-0	9-6	"	52	"	650
40	5-5	13-4	"	52	"	650
B.M. (866) Large stump soft, South Coast Stake 40.						
41	5-4	12-2	"	52	"	650
42	4-9	11	"	52	"	650
43	4-0	9-6	"	52	"	650
44	4-1	9-8	"	52	"	650
45	5-5	12-4	"	52	"	650
46	5-0	11-6	"	26	"	325
47	4-9	11	"	26	"	325
48	4-7	10-8	"	26	"	325
49	5-6	12-6	"	26	"	325
50	4-3	10	"	26	"	325
51	5-8	12-10	"	26	"	325
52	5-4	12-4	"	26	"	325 (326.27)
B.M. 1102, N. Kinkwood.						
0	3-3	1 1/4 ft.	1 1/4 ft.	29	12 1/2	13 23
1	5-3	"	"	29	"	13 23
2	6-2	"	"	29	"	14 23
3	6-7	"	"	37	"	14 23
4	4-5	"	"	37	"	14 23
5	5-9	"	"	37	"	14 23
B.M. (967) Hickory soft, north of Stake 5.						

No. of Station	Depth of Cut	Width on top	Width on bottom	No. of cubic yards to be removed	Price per cubic yd	Total cost per station
6	3-4	11 8	1 ft	37	12 1/2	463
7	5-2	11 2	"	37	"	462
8	4-5	9 10	"	37	"	463
9	6-0	13	"	37	"	462
10	5-0	11	"	37	"	463
11	4-6	10	"	38	"	475
12	4-8	10 4	"	38	"	475
13	5-4	11 8	"	38	"	475
14	3-1	7 2	"	38	"	475
15	2-8	6 4	"	38	"	475
16	3-5	7 10	"	38	"	475
17	3 9	8 6	"	38	"	475
18	4-9	10 6	"	32	"	400
19	4-1	7 2	"	32	"	400
20	3 5	7-10	"	32	"	400
21	2-9	6 6	"	32	"	400
22	3-7	8 2	"	32	"	400
23	3-2	7 4	"	19	"	237
24	4-5	7 10	"	19	"	238
25	4-7	10-2	"	19	"	237
26	4-6	10	"	19	"	238
27	3-7	8 2	"	19	"	237
28	3-8	8 4	"	19	"	238
29	3-5	"	"	19	"	237
Arm No 2. Ditch removal continued.						
B.M. (4.57)			1 ft on stump.			
30	3-5	7 10	"	19	12 1/2	238 12.25
Arm No 3. Harry Boatman.						
0	4-7	2 1/2 ft	2 1/2 ft		12 1/2	
B.M. (4.00)			mill race corner bridge.			
1	5-1	"	"	24	"	2220
2	5-4	"	"	24	"	2220
3	4-8	"	"	24	"	2220
4	3-8	8 4	1 ft	18	"	2145
5	5-4	11-8	"	18	"	2225
6	4-4	9-8	"	18	"	2225
7	3-8	8 4	"	27	"	338
8	3-4	7-8	"	26	"	325
9	3-3	7-6	"	27	"	337

No. of station	Depth cut.	width in top.	width in bottom.	No. cubic yards to be removed.	Price per cubic yard.	total cost per station.
10	4-3	9-6	1 ft	26	12 1/2	325
11	3-5	7-10	"	36	"	450
12	4-0	9	"	36	"	450
13	4-2	9-4	"	36	"	450
14	4-5	9-10	"	36	"	450
15	6-5	13-10	"	31	"	425
16	5-6	12	"	34	"	425
17	5-0	11	"	31	"	425
18	4-5	9-10	"	26	"	325
19	3-9	8-6	"	26	"	325
20	4-7	10-2	"	26	2	325 (1463)
No 4. <i>Corner Mt. D. Moore.</i>						
0	5-7		2 ft		12 1/2	
<i>B.M. (620) (600)</i>						
1	5-4		"	21	"	1583
2	4-9		"	21	"	1583
3	4-5		"	21	"	1583
4	4-6		"	21	"	1583
5	4-3		"	18	"	1545
6	3-9		"	18	"	1545
7	3-2		"	18	"	1545
8	3-1		"	18	"	1545
9	3-1		"	15	"	1508
10	2-8		"	15	"	1508
<i>B.M. (370) <i>Assumed 15 ft North Stake 10</i></i>						
11	4-0		"	15	"	1508
12	3-8		"	15	"	1508
13	3-3		"	15	"	1508
14	2-8		"	15	"	1508
15	3-0		"	15	"	1508
16	4-7	21 in 10-5	1 ft	28	"	1010
17	4-9	10-10	"	28	"	350
<i>B.M. (440) <i>N.E. corner bridge on ^{to} 40 Pike.</i></i>						
18	4-7	10-5	"	28	"	350
19	4-6	10-2	"	31	"	388
20	4-4	9-10	"	31	"	387
21	5-0	11-0	"	31	"	388
22	4-3	9-7	"	31	"	387
23	4-2	9-5	"	31	"	388

24	4-0	9-0	"	31	"	387
25	4-1	9-2	"	31	"	388
26	4-3	9-7	"	40	"	500
27	4-3	11-7	"	40	"	500 (2nd 9)
B.M.			Oak South side ditch 100 ft. S. of Stake 31.			
28	5-1	11-2	"	40	"	500
29	5-2	11-5	"	40	"	500
30	6-3	13-7	"	40	"	500
31	5-7	12-5	"	43	"	538
32	5-9	12-10	"	43	"	539
33	5-7	12-5	"	43	"	538
34	6-4	13-10	"	43	"	537
35	6-2	13-5	"	43	"	538
36	5-3	11-7	"	25	"	313
37	6-4	13-10	"	25	"	312
38	5-9	12-10	"	25	"	313
39	6-8	14-7	"	29	"	363
40	6-3	13-7	"	19	"	238
41	5-4	11-10	"	19	"	237
B.M.	(618)		Walnut 100 ft. West of Stake 41.			
42	6-3	13-7	"	19	"	238
43	5-0	11-0	"	19	"	237
44	4-7	10-5	"	19	"	238
45	5-1	11-2	"	15	"	188
46	4-7	10-5	"	15	"	187
47	5-2	11-5	"	15	"	188
48	5-2	11-5	"	14	"	175
49	4-1	9-2	"	14	"	175
50	4-6	10-2	"	14	"	175
51	3-7	8-5	"	14	"	175
52	4-5	10-0	"	14	"	175
53	4-4	9-10	"	14	"	175
54	5-8	12-7	"	10	"	125
55	5-4	11-10	"	10	"	125
56	5-2	11-5	"	10	"	125
57	3-9	8-10	"	10	"	125 (87.90)
B.M.	(530)		Hickory north of Stake 57.			
58	4-7	10-5	"	10	14 1/2	125
59	4-3	9-7	"	10	"	125
60	4-0	9-0	"	10	"	125
61	4-7	10-5	"	85	"	10.63 (16.50)

Ann No 5 Mag Station	Depth cut	width on top	Underwood, No of cubic feet removed	Price per cubic yard	Total cost per station
0	4.0		1 1/4 ft.	12 1/2	
B.M. (477)			" Stake 0.		
1	4.2		" 16	"	11.60
2	4.2		" 24	"	12.60
3	3.6		" 16	"	11.73
4	3.5		" 17	"	11.60
5	3.1		" 15	"	11.48
6	3.0		" 15	"	11.48
7	3.3		" 15	"	11.48
8	3.1		" 15	"	11.48
9	2.7		" 15	"	11.48
10	2.8		" 24	"	12.60
11	2.9		2 1/3 ft. " 25	"	12.73
B.M. (428)			Large stake 11.		
12	3.0		" 26	"	19.45
13	4.1		" 31	"	20.08
14	3.5		" 33	"	20.33
15	3.2		" 28	"	19.70
16	3.5		" 29	"	19.83
17.	3.7		" 31	"	20.08
B.M. (497)			Buckeye soft m.e. of stake 17.		
18	3.2		" 22	"	16.95
19	3.2		" 27	"	19.58
20	4.5		" 33	"	20.33
21	3.8		" 35	"	20.58
22	3.2		" 30	"	19.96
23	3.2		" 27	"	19.58
24.	3.9		" 30	"	19.95 ^(1988.66)
Ann No 6. Normal.					
0			1 ft.	12 1/2	
B.M. (2527)			" Tree 100 ft west.		
1.	2.5		" 9	"	5.93
2	2.7		" 10	"	6.05
3	2.9		" 11	"	6.18
4	3.0		" 11	"	6.18
5	2.5		" 10	"	6.05
6	2.8		" 10	"	6.05
7.	2.4		" 10	"	6.05

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8	3-3		10		6.05
9	3-3		12		6.30
10	3-5		12		6.30
11	4-0		12		8.10
12	4-0		14		8.35
13	4-3		15		8.48
14	4-7		16		8.60
15	4-7		16		8.60
16	4-6		17		8.75
17	4-5		17		8.75
B.M.	(506)		Tree at 17.		
18	4-6		25		9.72
19	5-6		28		10.10
20	6-3		33		10.72
21	5-2		32		10.60
22	5-1		29		10.22
23	5-4		29		10.22
24	4-8		28		10.10
25	6-0		30		10.35
26	5-5		30		10.60
B.M.	(905)	NW corner lot on top of Post.			223.4
27.	4-8		28		10.10
28	4-7		26		9.85
29	4-7		26		9.85
30	4-0		24		9.60
31	4-1		22		9.35
32	3-7		21		9.22
33	4-4		22		9.85
34	4-1		24		9.60
34+80			19		9.65
Total cost of construction					277.50
Total cost of construction					33950.39