

**Gasb 34 Footages for Historical Cost
Drain Length Log**

Drain-Improvement: Elijah Jay :
~~MARGARET CRUE~~ - JOHN BOATMAN

Drain Type:	Size:	Length ()	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	2x6"	1774	N/A		3548. ⁰⁰	
	N/A	1323	N/A		N/A	

Sum: 3097' N/A 3548.⁰⁰

Final Report: _____

Comments:

John Boutwell
Ditch

Description

See E. Jay

John Boatman Ditch
See E. Jay or Geo. Symons Ditch

Commencing 560 feet north of the SW corner
of the west 1/2 of the South East 1/4 of section
33 Tp 20 R. 3 East on the land of John Boatman
and run from stake 0 to Stake 6 S 82° E

" " 6 to " 11+90 S 41 1/4° E

" " 11+90 " " 17+55 S 89° E.

" " 17+55 to " 23 S 1 1/2° E.

Ect Ect, Ect.

It is found that according to the descriptions of
courses given that from some place
near this point Stake 19+20, this
ditch has been taken up by the construction
of the Elijah Jay ditch

See Original Papers for Plat.

~~TRANSCRIPT~~

Commissioners' Court.

John Boatman
Petitioner

for
vs.

Ditch

Law of 1879

No 43

Filed Sept 1st 1879

C S W Pettyjohn

crull

C O B P P. 151

FEE, - \$ _____

W. E. Burford, Printer, Indianapolis.

State of Indiana }
County of Hamilton } N S

Your petitioner would respectfully represent that he is a citizen of Hamilton County Ind and is the owner in fee simple of lands in said County and is desirous of having said lands ditched and drained said Ditch will be less than three miles in length and cannot be completed without affecting the lands of other persons your petitioner would further represent that the construction of said Ditch or drain will be conducive to the public health convenience and welfare of the surrounding community and will be of great public benefit and utility your petitioner would further represent that he has caused a survey to be made of said proposed ditch by a competent Engineer and that it is intended to run or build a portion thereof which said portion is properly designated in this petition together with general course extent height depth with the amount of fall

per mile, the point of beginning
 and the terminus, with a description
 of the lands to be affected
 together with the names of the
 owners of such lands

Said Ditch or drain
 commences 560 feet north of the
 South West Corner of the West 1/2
 of the South East 1/4 of Sec 33 T 20
 Range 3 East on the land of
 John Boatman and run

From Stake 0	to Stake 6	S 82° E
6	11 x 90 ft	S 14 1/2° E
11	17 x 55 ft	S 89° E
17	17 x 55 ft to Stake 23	S 1 1/2° E
23	24 x 66 ft	S 53° E
24	24 x 66 ft	S 11 1/4° E
27	27 x 68 ft	S 51 3/4° E
37	37 x 36 ft	S 37 1/2° E
43	43 x 28 ft	S 1/2° W
52	52 x 48 ft	S 89° W
57	57 x 90 ft	S 58° E
59	59 x 84 ft	S 70° E
64	64 x 78 ft	S 79° E
67	67 x 78 ft	N 81 1/4° E
68	68 x 52 ft	N 50 1/2° E
71	71	N 81° E
77	77 x 42 ft	N 51° E
77	77 x 82 ft	N 6 1/2° W
78	78 x 60 ft	N 43 3/4° E
79	79 x 16 ft	N 68 1/2° E

1	From Stake 83	25 ft		to Stake 84	N 45° E
2	"	"	4.12	84	88 x 12 ft N 60 1/2° E
3	"	88 x 12 ft	1.88	90	N 1 1/4° E
4	"	90	3.0	93	N 9 1/4° E
5	"	93	2.8	95 x 80 ft	N 25° E
6	"	95 x 80 ft	2.3	98 x 10 ft	N 83° E
7	"	98 x 10 ft	2.1	100 x 20 ft	N 2 1/2° E
8	"	100 x 20 ft	1.92	101 x 12 ft	N 59° E
9	"	101 x 12 ft	1.18	102 x 30 ft	N 12 1/2° E
10	"	102 x 30 ft	1.8	104 x 10 ft	N 48 1/2° E
11	"	104 x 10 ft	1.9	106	N 13° E
12	"	106	1.12	107 x 12 ft	N 51° E
13	"	107 x 12 ft	1.86	108	N
14	"	108	3.48	111 x 48 ft	N 63 1/2° E
15	"	111 x 48 ft	1.52	113	N 53° E
16	"	113	6.36	119 x 36 ft	N 2 3/4° E
17	"	119 x 36 ft	3.19	122 x 55 ft	S 89 1/2° E
18	"	122 x 55 ft	8.9	131 x 45 ft	N 3 1/4° E
19	"	131 x 45 ft	1.69	133 x 14 ft	N 48° E
20	"	133 x 14 ft	1.86	135	N 25 1/2° E
21	"	135	1.2	136 x 20 ft	N 1° E
22	"	136 x 20 ft	3.8	140	N 24° E
23	"	140	2.0	142	N 37° E
24	"	142	1.0	143	N 24 1/2° S
25	"	143	1.0	144	N 14 1/2° E
26	"	144	6.0	150	N 48° E
27	"	150	1.0	151	N 40° E
28	"	151	1.0	152	N 20° E
29	"	152	3.6	155 x 60 ft	N 50° E
30	"	155 x 60 ft	2.4	158	N 7 1/2° E
31	Encoding 699 feet East and				

Put these 2 pieces in any
Place

Vote Legal.
Indianapolis.

also a part of the North East
qr of Sec 4 Tp 19 R 3 described
as follows, Begin at the South West
corner of it E quarter run East 121
Rods & 12 links North 125 Rods & 16 links
then 7 rods & 12 links South 125 Rods
95 acres owned by Isaac H. Key
the East 1/2 of the South 1/2 of
1/4 of Sec 4 Tp 33 R 3
owned by Peyton Menckhoff

486 feet North of the one fourth section
post on the West side of Sec 35 Tp
20 Range 3 East on the land of
Robert and Melissa Drake

The following is a
description of the lands to be
affected together with the names of the
owners of such lands

The West 1/2 of the South East 1/4
of Section No 33 Tp 20 Range 3 East
from stake 0 to stake 1774ft 1774ft
owned by John Boelman

52 Acres off of the North side of
the North East quarter of Sec No 4
Tp 19 R 3
from stake 1774ft to stake 2730ft 956ft
owned by Elijah Jay

30 acres of the East side of the
North East 1/4 of Sec 4 Tp 19 R 3
commencing at the South East corner
of said 1/4 thence West $43\frac{63}{100}$ Rods thence
North 10 thence East $43\frac{63}{100}$ Rods thence
South to place of beginning

also 4 1/2 acres out of the South West
corner of the North West 1/4 of Sec 3
Tp 19 R 3 commencing at the South west
corner of said 1/4 and run North 80 R
thence East 93 R thence South 80 R

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The North $\frac{1}{2}$ of the South West $\frac{1}{4}$
of Sec 3 Tp 19 R 3
owned by John Thistlethwaite

also the following described
land in the name of Sarah J
Smith and John O Johnson
commencing $118 \frac{28}{100}$ R West and $179 \frac{84}{100}$
Rods South of N E cor of Sec 3 Tp
19 R 3 thence run West $119 \frac{60}{100}$ Rods
thence North $53 \frac{51}{100}$ Rods East $119 \frac{60}{100}$ Rods
South $53 \frac{51}{100}$ Rods $56 \frac{81}{100}$ Rods off the
East of said tract being owned
by Sarah J Smith and the
residue $62 \frac{79}{100}$ Rods being owned by
John O. Johnson

Also the following described land
commencing 29-57 chains west of the
North East corner of Sec 3 Tp 19 R 3
running thence West 29 chains & 90 links
thence South 44-96 chains East 29-90 chains
North 44-96 chains to beginning Except 40
acres off the South end of said tract
owned by David Lindley

also the following described lands
commencing at the
North East corner of Sec 3 Tp 19 R 3
and run West 29-57 chains thence South
45-47 chains thence East 29-57 chains
thence North 45-98 chains to beginning

Except - commencing at the
North East corner of said tract of land
thence run South 34 Rods thence West
118 $\frac{28}{100}$ Rods thence North 34 Rods thence
East 118 $\frac{28}{100}$ Rods to beginning
surveyed by William Linnelley
also

20 acres out of the
North East corner of Sec 3 Tp 19 R 3
commencing at the North East corner
and run South 34 Rods thence West
118 $\frac{28}{100}$ Rods thence North 34 Rods thence
East 118 $\frac{28}{100}$ Rods to place of beginning
and 60 acres off of
the West side of the East half of
the South East quarter of Sec 34
Tp 20 R 3 except a part of the North
end of said 60 acre tract being 60 Rods
East and West and 45 Rods 13ft 10 inches
North and South surveyed by Samuel Cook
also 20 acres off the
East side of the East half of the South
East quarter of Sec 34 Tp 20 R 3 except
a part of the North end of said tract
of land being 20 Rods East and West

and 64 Rods and 6 ft North and South
owned by John Bank

also a part of
the West half of the South West quarter
of Sec 35 Tp 20 R 3 being on the
North West corner and 79 Rods 6 1/2 ft
East and West and 64 Rods 6 ft
North and South owned by William
Macy

also 60 Acres off of the
East side of the West half of the
North West quarter of Sec 35 Tp 20
R 3 owned by Melissa Drake

Your petitioner would
further represent that he has posted
up three Notices in the immediate
vicinity of said proposed ditch
ten days previous to the session of
this board and also appends
an Estimate sworn to by the Engineer
of the cost of said ditch

The following is the estimate of the Engineer to Nottingham as to the least at each Station the number of cubic yards of earth to be removed together with the width depth the amount of fall per mile and the estimate of the costs of the construction of said proposed work

Stake	Least	Yds	Stake	Least	Yds	Stake	Least	Yds
0	4.30		20	3.80 8.00	72	40	3.80	70
1	4.20		21	6.80	73	41	3.80	69
2	4.90		22	6.40 4.20	73	42	4.70	73
3	4.10		23	4.10	74	43	3.80	73
4	4.10		24	3.30	70	44	3.40	70
5	3.80		25	4.10 1.90	48	45	3.00	48
6	3.90		26	3.90	30	46	3.00	44
7	3.70		27	3.00	20	47	3.30	47
8	3.80		28	3.60	20	48	3.40	52
9	3.60		29	3.50 1.90	20	49	3.00	50
10	4.60		30	3.70	20	50	3.00	44
11	3.70		31	4.00	21	51	3.20	50
12	3.40		32	4.10	21	52	3.50	52
13	3.70		33	3.70	22	53	3.40	55
14	5.10		34	2.80	24	54	3.00	50
15	5.90		35	4.20 2.30	28	55	3.20	47
16	5.25		36	4.10	28	56	3.40	52
17	5.00		37	3.80	28	57	3.00	50
18	5.00 4.00	73	38	4.00	30	58	3.00	50
19	6.50	73	39	4.00	70	59	3.00	50

6 inch
 to be layered with
 17 x 74 ft to
 cost \$2.00 per Rod making
 \$215.00
 Stake 0 to Stake 17
 which will cost \$2.00 per Rod making
 \$215.00
 Stake 17 to Stake 39
 which will cost \$2.00 per Rod making
 \$215.00

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32				
Stake	Cont	Yds		Stake	Cont	Yds		Stake	Cont	Yds		Stake	Cont	Yds		Stake	Cont	Yds		Stake	Cont	Yds		Stake	Cont	Yds		Stake	Cont	Yds					
60	4,00	60		89	4,60	30		118	4,30	28		147	3,30	50																					
61	3,70	60		90	4,40	30		119	5,80	28		148	2,20	26																					
62	4,50	50		91	4,60	90		120	4,30	28		149	2,80	30																					
63	3,80	40		92	5,30	105		121	5,20	28		150	3,20	26																					
64	3,50	34		93	4,	94		122	4,50	28		151	1,80	20																					
65	3,50	34		94	3,70	68		123	4,40	28		152	,70	18																					
66	4,00	34		95	4,20	25		124	4,10	28		153	1,90	12																					
67	3,70	34		96	3,80	22		125	3,70	28		154	3,00	15																					
68	3,60	32		97	4,00	24		126	5,50	28		155	1,70	10																					
69	3,80	32		98	4,30	24		127	4,70	28		156	2,90	10																					
70	3,70	30		99	3,90	24		128	5,80	28		157	3,20	8																					
71	3,50	32		100	4,30	24		129	5,40	28		158	2,40	6																					
72	5,00	32		101	4,10	24		130	5,60	28																									
73	4,70	30		102	4,70	24		131	5,40	28		total brace																							
74	2,40	30		103	4,40	26		132	4,40	98		yds 5600																							
75	3,60	27		104	4,60	28		133	3,30	28																									
76	4,60	26		105	4,60	28		134	4,00	73																									
77	5,00	26		106	4,10	28		135	3,90	28																									
78	4,80	26		107	4,80	28		136	3,00	28																									
79	4,80	26		108	4,30	28		137	3,50	28																									
80	5,20	100		109	4,30	28		138	3,60	26																									
81	4,70	98		110	3,60	28		139	3,00	25																									
82	5,	101		111	4,10	28		140	2,60	24																									
83	4,90	105		112	4,70	28		141	2,40	23																									
84	4,20	60		113	3,90	28		142	2,90	22																									
85	4,80	90		114	3,60	28		143	4,60	30																									
86	4,30	91		115	4,80	28		144	3,60	20																									
87	5,30	100		116	5,10	28		145	3,50	25																									
88	4,30	100		117	3,90	28		146	3,50	50																									

The dimensions of this ditch are as follows from Stake 0 to Stake 17 and 74 ft to be a covered ditch with two six inch tile, and from Stake 17 & 74 ft to Stake 158 to be an open ditch one foot wide in the bottom and side slopes at an angle of 45 degrees or a slope of one foot horizontal to one foot in depth. The dirt taken out of the ditch must be removed at least two feet outside the outer stake of the ditch.

The descent or fall in this ditch is from Stake 0 to Stake 27 is $\frac{31\frac{1}{2}}{100}$ of a foot to the 100 feet being equal to $16\frac{63}{100}$ feet per mile, and from Stake 27 to Stake 46 the descent or fall in the bottom is $\frac{36}{100}$ of a foot to the 100 feet or equal to a fall of 19 feet per mile, from Stake 46 to Stake 57 the descent or fall per 100 feet is $\frac{23}{100}$ of a foot to the 100 feet or equal to a fall of $12\frac{14}{100}$ feet per mile, from Stake 57 to Stake 118 the fall or descent in the bottom is $\frac{13}{100}$ of a foot to the 100 feet equal to a fall of $6\frac{86}{100}$ feet per mile. From Stake 118 to Stake 158 the descent or fall in the bottom is $\frac{10}{100}$ of a foot to the 100 feet being equal to a fall of $5\frac{28}{100}$ feet per mile, the total fall in this ditch is $29\frac{64}{100}$ feet for the distance

of two miles and 5240 feet, the stakes
in this ditch are set 100 feet apart

Wherefore your Petitioner asks
that your honorable board appoint
three disinterested free holders as
appraisers to assess the lands affected
for the purpose of constructing said
work in proportion that the lands
affected are benefited by such work
in pursuance to the provisions of
an Act of the General Assembly
approved March 13 1879
entitled an act to enable the owners
of wet lands to drain and reclaim
them when the same cannot be done
without affecting the lands of others
&c &c &c

all of which is respectfully
submitted to the Board
this 1st day of Sept 1879

John Boutman

Estimates for the Boatman Ditch
Made August 8. 1879

To 10 1/2 Rods Covered ditch two inch
Gle at Two Dollars per Rod \$ 215.00
5600 Cubic Yards at 13 cents per Yard 728.00
Contingent Cost 72.00
Total Cost \$ 1015.00

State of Indiana ss.
Hamilton Co. ss.

Personally appeared E. Cottingham
who being duly sworn deposes and swears
that the above statement is true to the best
of his knowledge and belief

Elijah Cottingham

Subscribed to before me this 9th day of Aug
1879.

Witness my hand and seal

J. A. Hamming
Notary Public