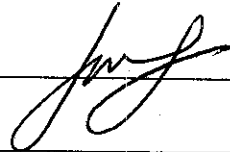
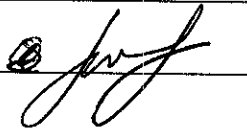

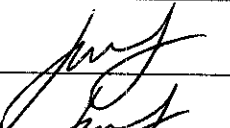
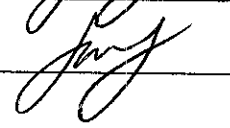


**Drain:** STEPHENSON - COMPTON **Drain #:** 63  
**Improvement/Arm:** SARAH COMPTON  
**Operator:** J. LIVINGSTON **Date:** 6-22-04  
**Drain Classification:** Urban/Rural **Year Installed:** 1890

### 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





SURVEYOR'S OFFICE  
**Hamilton County**

Kenton C. Ward, Surveyor

773-6110 Ext. 19

Noblesville, Ind. 46060 April 15, 1983

To: Hamilton County Drainage Board

Re: Walter Stephenson, Clark Millikan,  
John Bell and Sarah Compton Drains.  
(Stephenson-Compton Drainage Area)

Attached is a drain map showing the Walter Stephenson, Clark Millikan, John Bell and Sarah Compton Drains. At present the Walter Stephenson and Clark Millikan Drains are on a maintenance program.

The Sarah Compton Drain was constructed in 1890 as an open ditch. In 1919 a portion of the Compton, 5270 feet, was tiled as the Walter Stephenson Drain. The Clark Millikan Drain was constructed in 1898 and consists of 2625 feet of tile drain outletting into the Compton Drain at Sta 76+00. In ~~1942~~ <sup>1930</sup> the John Bell Drain was constructed and it consists of 987 feet of open ditch outletting into the Compton from the West at 221st Street.

I have found that some dredging is needed in order to free the outlets of the Millikan and Stephenson Drains. This is needed in order to relieve this pressure within the tile which is causing repeated failures of the system. A survey was run from 226th Street to 216th Street and it was discovered that very little fall occurs within this distance. Since reconstruction of the Compton is out of the question at this time as it is presently number 19 on the reconstruction classification list. I have sent out work orders to the Drainage Board Contractor which call for dredging 400' of open ditch

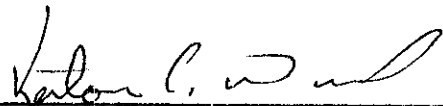
at the Stephenson and 650' at the Clark Millikan. Along with this he is to clear brush along the banks in these sections and install silt basins in front of both tiles. The cost estimate for this work is \$600.00 for the Stephenson and \$975.00 for the Millikan.

At present the maintenance fund for the Millikan Drain has a balance of \$537.66. The collections for 1983 will total \$180.76 for an aggregate amount of \$718.42. The fund for the Stephenson has a balance of \$39.22. This years collections will total \$488.45 for an aggregate amount of \$527.70. Both drains are being assessed at \$1.00 per acre, \$3.00 minimum.

Because of the work needed on the open channel for the Millikan and Stephenson I believe a drainage shed should be created combining these drains. This drainage shed should include the Walter Stephenson Drain, Clark Millikan Drian, John Bell Drain and approximately 4000' of the Sarah Compton Drain to 221st Street. This would also mean the elimination of the individual maintenance funds for the Millikan and Stephenson Drains.

The drainage shed map for the drain is attached. There are 1042.717 acres and 6 lots in the shed. Assessed at \$2.00 per acre, \$6.00 minimum, the total yearly collection will be \$2181.22.

I recommend a hearing be set for the above proposal on July 5, 1983 at 1:40 P.M.

  
\_\_\_\_\_  
Kenton C. Ward,  
Hamilton County Surveyor

KCW/jg

*[Handwritten signature]*

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 Staller*  
*James B. Baker*  
*Wm. Cunningham*

Commissioners.

Subscribed and sworn to by said Commissioners, this 10 day of May, 1888, before me

*[Handwritten signature]*

Clerk Circuit Court.

REPORT OF COMMISSIONERS.  
FAVORABLE.

*Received for Record  
and recorded in Work  
Record 10 Pages 142 to 195*

*L. P. Focrea  
R. W. C.*

FILED

MAY 10 1888

*[Handwritten signature]*  
CLERK OF THE HAMILTON CIRCUIT COURT,  
HAMILTON CO. IND.

Filed \_\_\_\_\_, 1888.

Clerk Circuit Court.

Wm. B. Burford, Printer, Indianapolis.

*7-484  
1888*

# REPORT OF COMMISSIONERS.

To the Honorable Judge of the Hamilton Circuit Court:

The undersigned, Commissioners of Drainage, to whom was referred the petition of Sarah J. Compton et al for the drainage of North West Quarter of the North East Quarter, and the North East Quarter of the North East Quarter, and the North half of the South West Quarter of the North East and the North half of the South East Quarter of the North East Quarter of Section 10 Township 19 North Range 3 East, all

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, a benefit to the health of the neighborhood, and will benefit six Public highways, and that the same can be accomplished at an expense less than the aggregate benefits to the lands to be affected thereby; and after making the necessary surveys and examinations, they are of the opinion, that the method of drainage should be as follows - to wit;

See 5<sup>th</sup> Page.

They estimate the cost of constructing the work at \$1110 00 dollars. They further report that they have estimated the benefits and injury to the

several tracts of land which will be affected by the work, as follows:

OWNERS.	DESCRIPTION.	S.	T.	R.	Acres.	Acres Benefit	Benefit.
Sarah J. Compton	NE NE	5	19	3	40	40	\$30.00
Do.	NW NE	5	19	3	40	40	30.00
Do.	fat SW NE Strip 31rd 18l wide	5	19	3	17	17	25.00
Do.	fat SW NE Strip 31rd 18l wide	5	19	3	17	17	25.00
Kate Compton	NE NE 1/4 <small>Begin 34 rd 1/2 l. N. 22. Cor. W. 100. N. 13rd 7 1/2 l. &amp; 160</small>	5	19	3	13	13	20.00
Phoebe Antrim	PT. NE 1/4 <small>Begin 34 rd 1/2 l. N. 22. Cor. W. 100. N. 13rd 7 1/2 l. &amp; 160</small>	5	19	3	35	35	50.00
Eli Reagan	NW NE <small>Ex. 6 A. SW Cor.</small>	4	19	3	34	10	10.00
Thomas Owens	fat NW NW. S. Lafayette	4	19	3	6.	6	8.00
Henry Mitels	SW NW	4	19	3	40	37	20.00
Do.	N NE SW	5	19	3	20	20	20.00
Do.	S NW SW	5	19	3	20	20	20.00
Lee Mitels	N NW SW	5	19	3	20	20	30.00
Ann Peterson	S NE SW	5	19	3	20	20	20.00
Do.	N SW SW <small>Ex. 2 A. SW Cor.</small>	5	19	3	18	18.	18.00
Harriette Cox	NE NW <small>Ex. 2 1/4 A. N. Airline R.R.</small>	5	19	3	37 3/4	10	7.50
Do.	SW NW	5	19	3	40	30	22.50
Do.	NE SW	5	19	3	40	20	15.00
Phoebe Eudaly	SW SW	5	19	3	40	40	30.00
Do.	N SW SW	5	19	3	40	5	2.50
Amos Jay	NW SW	4	19	3	40	40	20.00
Do.	N SW SW	4	19	3	40	40	25.00
Do.	W SW SW	4	19	3	20	20	10.00
Ellis Wutcheus	S NE SW	4	19	3	20	6	4.50
Do.	N NE SW	4	19	3	10	4	3.00
Clara Millikan	S SW SW R.R. road	4	19	3	13	10	5.00
Do.	N NW NW	9	19	3	40	40	40.00
Do.	N NW NW <small>Ex. 6 A. S.E. Cor.</small>	9	19	3	34	34	35.00
Abigail Green	NE NW	9	19	3	40	40	20.00
Do.	18 A. N. End NW NW	9	19	3	18	6	3.00

NAMES.	DESCRIPTION.	Section.	Towship.	Range.	Acres	Benefits.
see Hinshaw	SE NW	9	19	3	40	40 ✓ \$35.00
Do.	22 A. S. End NW NE	9	19	3	22	5 2.50 } 37.50
John P. Bradfield	N N SW NE	9	19	3	10	10 5.00 ✓
P. A. Mundy	S. N. and S SW NE	9	19	3	30	10 5.00 ✓
Elijah Boxley	N SE NE	9	19	3	20	8 4.00 ✓
Thomas Moore	NW SE (Ex. 1 A. in NE Cor.)	9	19	3	39	15 7.50 ✓
M. A. Clappitt	NE SW	9	19	3	40	40 20.00
Do.	SE SW	9	19	3	40	40 15.00 } 35.00
Asenath Hall	NW SW (Ex. Cemetery in SW Cor)	9	19	3	39	39 35.50 ✓
Do.	SW SW (Ex. " " NW Cor)	9	19	3	39	39 36.00 } 71.50
Robt. Cox	pt SW NW. East of Ditch	9	19	3	6.	6 5.00
W. A. Wilson	pt N SW SW (2 A. in SW Cor)	5	19	3	2	2 2.00 ✓
Do.	S. SE SE	5	19	3	20	20 20.00 ✓
Do.	NE NE	8	19	3	40	40 30.00 } 67.00
Do.	NW NE	8	19	3	40	30 15.00 ✓
Ida Allen	N N SE NE	8	19	3	10	10 7.50 ✓
Ernie Bail	S. N. and N. S. SE NE	8	19	3	20	20 15.00
Jacob Hinshaw	S S SE NE	8	19	3	10	10 5.00
Do.	NE SE	8	19	3	40	40 30.00
Do.	NW SE	8	19	3	40	40 20.00 } 65.00
Do.	NE SW	8	19	3	40	20 10.00 ✓
William Davis	SE SW	8	19	3	40	20 10.00 ✓
Elihu Barker	SE SE (Ex. 1/2 A. in SW Cor)	8	19	3	38 1/2	38 28.50
Do.	SW SE	8	19	3	40	40 20.00 } 48.50
John Barker	N SE NE (ex 1/2 A. in NW Cor)	17	19	3	19 1/2	19 19.00 ✓
J. D. Pearson	S SE NE	17	19	3	20	10 20.00 ✓
Do.	pt NE SE (34 A. N. End.)	17	19	3	34	15 10.00 } 30.00
Asaph Barker	N SE SE 1/2 S. S. End S. N. SE	17	19	3	25	4 3.00
John D. Barker	pt SW NW. (30 A. W. Side)	16	19	3	30	2 2.00
W. H. Perisho	NW NW	16	19	3	40	40 25.00 ✓
Robert Stevenson	NE NW	16	19	3	40	14 7.00 ✓
Ed. Fhuttlethwait	NE NE	17	19	3	40	40 40.00
Do.	NW NE	17	19	3	40	40 30.00
Do.	SW NE	17	19	3	40	40 40.00 } 161.00
Do.	NE NW	17	19	3	40	40 20.00
Do.	SE NW	17	19	3	40	40 30.00
Do.	pt SE NE (1/2 A. NW Cor)	17	19	3	1/2	1/2 1.00



NAMES.	DESCRIPTION.	Section.	Township.	Range.	Acres	Assessed	Benefits.		
W. A. Luman	N NW	AE	17	19	3	20	20	20.00 ✓	
M. E. Hutchens	S NW	AE	17	19	3	20	15	15.00 ✓	
Do	ESE	SW	17	19	3	20	2	1.00 ✓ 16.00	
Rachael Parr	SW	AE	17	19	3	40	10	10.00 ✓	
Addison Higbee	E NE	SW	17	19	3	20	20	15.00 ✓	
Mrs. Parr	N NE	SW	17	19	3	20	20	15.00 ✓	
Do	Pl. W AE SW (12 A. N. E. incl.)		17	19	3	12.	H	2.00 ✓ 17.00	
S. Davis (or Andrew)	SW	SW	17	19	3	40	40	20.00 ✓	
Engbert Higbee	SW	SW	17	19	3	40.	40	20.00 ✓	
L. Davis Township	Pub. Highway	E SW	4/9	19	3			10.00	
Do	" "	E SW	9	19	3			10.00	
Do	" "	NWS. Cent 1/2	9	19	3			5.00 3.00	
Do	" "	E SW	8/17	19	3			5.00	
Washington Township	Pub. Highway	E SW	8/17	19	3			5.00	
Do	" "	NWS Cent 1/2	17	19	3			5.00 10.00	
Hamilton County	on Baxter S.R.	NWS	14/17	19	3			10.00	
L.N.A. & C. R.R. Co.	Wright of way through		4/15	19	3			15.00	
							Total assessed benefit	\$1387.50	

1387.50

No. of Station.	Depth of Cut.	Width on Top.	Width in Bottom.	No. of Cubic Yards to be Removed.	Price per Cubic Yard.	Total Cost per Station.
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*Engineer's Report. Compton Ditch.*

0	3.0	7.0	4.0			
1.	3.1	7.2	"	47	12 1/2¢	\$ 5.87 1/2 4.01
2.	2.9	6.8	"	44	"	5.50 4.31
3.	3.0	7.0	"	42	"	5.25 4.11
4.	3.0	7.0	"	44	"	5.50 4.31
5.	2.6	6.2	"	39	"	4.87 1/2 3.82
6.	2.4	5.8	"	32	"	4.00 3.13
7.	2.6	6.2	"	32	"	4.00 3.13
BM	3.16	Ash	8 ft east of ditch			
8.	3.4	7.8	"	44	"	5.50 4.31
9.	4.2	9.4	"	44	"	5.50 4.31
10.	3.2	7.4	"	64	"	8.00 6.27
11.	2.7	6.4	"	42	"	5.25 4.11
12.	3.6	8.2	"	61	"	7.62 1/2 5.97
13.	4.1	9.2	"	68	"	8.50 6.63
14.	4.9	10.8	"	92	"	11.50 9.07
BM	4.94	Red Oak	east of ditch			
15.	4.4	9.8	"	95	"	11.87 1/2 9.30
16.	4.1	9.2	"	84	"	10.50 8.13
17.	4.5	10.0	"	84	"	10.50 8.13
18.	3.6	8.2	"	84	"	10.50 8.13
19.	4.2	9.4	"	71	"	8.87 1/2 6.96
20.	4.3	9.6	"	28	15¢	4.20 3.28
21.	3.4	7.8	"	28	"	4.20 3.28
22.	5.1	11.2	"	28	"	4.20 3.28
23.	5.0	11.0	"	30	"	4.50 3.52
24.	4.8	10.6	"	30	"	4.50 3.52
25.	6.1	13.2	"	30	"	4.50 3.52
26.	5.5	12.0	"	32	"	4.80 3.72
27.	5.7	12.4	"	35	"	5.25 4.11
28.	4.9	10.8	"	35	"	5.25 4.11

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No. of Station.	Depth of Cut.	Width on Top.	Width in Bottom.	No. of Cubic Yards to be Removed.	Price per Cubic Yard.	Total Cost per Station.
29.	6.0 ft.	13.0 ft	17 ft	37	15 <sup>00</sup>	\$5.55
30.	6.2 "	13.4 "	"	37	"	5.55
31.	6.3 "	13.6 "	"	37	"	5.55
32.	6.5 "	14.0 "	"	37	"	5.55
RM	<u>5.16</u>	Maple East Bank.			5.94 11.58	
33.	4.5 "	10.0 "	"	39	"	5.85
34.	6.0 "	13.0 "	"	39	"	5.85
35.	5.5 "	12.0 "	"	42.	"	6.30
36.	5.5 "	12.0 "	"	44.	"	6.60
37.	5.4 "	11.8 "	"	44.	"	6.60
38.	5.7 "	12.4 "	"	47.	"	7.05
39.	5.4 "	11.8 "	"	50.	"	7.50
40.	4.8 "	10.6 "	"	50.	"	7.50
RM	<u>6.28</u>	Black Walnut 25ft North Ditch.				
41.	5.5 "	12.0 "	"	47.	"	7.05
42.	6.2 "	13.4 "	"	44	16 28	6.60
43.	5.6 "	12.2 "	"	44.	"	6.60
44.	6.5 "	14.0 "	"	44.	"	6.60
45.	5.8 "	12.6 "	"	44	"	6.60
46.	6.2 "	13.4 "	"	44	"	6.60
47.	5.9 "	12.8 "	"	42	"	6.30
48.	6.4 "	13.8 "	"	42.	"	6.30
49.	5.7 "	12.4 "	"	42.	"	6.30
50.	6.0 "	13.0 "	"	37.	1/26	5.55
51.	6.4 "	13.8 "	"	37.		5.55
52.	7.3 "	15.6 "	"	37.		5.55
53.	6.4 "	13.8 "	"	39.		5.85
54.	5.7 "	12.4 "	"	39.		5.85
55.	5.5 "	12.0 "	"	37.		5.55
56.	5.4 "	11.8 "	"	37.		5.55
57.	6.0 "	13.0 "	"	37.		5.55
58.	7.0 "	15.0 "	"	35.		5.25

From 33 x 70 to 44 x 70

From 33 x 70 to 44 x 70

From 41 x 30 to 44 x 30

x 70

x 30

x 30

No. of Station.	Depth of Cut.	Width on Top.	Width in Bottom.	No. of Cubic Yards to be Removed.	Price per Cubic Yard.	Total Cost per Station.		
X52 59	6.4 ft	13.8 ft	1.700 ft	35	15	5.25	1.11	
X53 60	5.9 "	12.8 "	"	32	12/10	4.80	3.75 1.80	
61	6.2 "	13.4 "	"	32	1/31	4.80	3.75	
62	5.7 "	12.4 "	"	30	"	4.50	3.50	
63	5.2 "	11.4 "	"	28	"	4.20	3.20	
64	6.4 "	13.8 "	"	26	"	3.90	3.06	
BW	6.9 "	Hickory on South Bank						
65	5.9 "	12.8 "	"	26	"	3.90	3.05	
66	5.4 "	11.8 "	"	26	"	3.90	3.06	
67	5.3 "	11.6 "	"	24	"	3.60	2.82	
68	5.3 "	11.6 "	"	24	"	3.60	2.82	
69	4.9 "	10.8 "	"	24	"	3.60	2.82	
70	4.8 "	10.6 "	"	26	"	3.90	3.05	
71	4.5 "	10.0 "	"	26	"	3.90	3.06	
72	4.7 "	10.4 "	"	26	"	3.90	3.05	
73	4.1 "	9.2 "	"	26	"	3.90	3.06	
74	4.4 "	9.8 "	"	26	"	3.90	3.05	
75	5.0 "	11.0 "	"	28.9	"	4.20	3.28	
76	5.3 "	11.6 "	"	28	"	4.20	3.28	
77	5.0 "	11.0 "	"	28.13	"	4.20	3.28	
78	5.7 "	12.4 "	"	26	"	3.90	3.06	
BW	5.5 "	Hickory 10ft west ditch						
79	6.4 "	13.8 "	"	26	"	3.90	3.05	
X 80	6.2 "	13.4 "	"	26	"	3.90	3.06	
81	5.5 "	12.5 "	1.8 in	28	"	4.20	3.28	
82	5.0 "	11.5 "	"	32	"	4.80	3.75	
83	5.3 "	12.1 "	"	32	"	4.80	3.75	
84	4.0 "	9.5 "	"	35	"	5.25	4.12	
BW	5.65 "	Swamp Ash west Bank ditch						
85	5.5 "	12.5 "	"	37	"	5.55	4.35	
86	5.0 "	12.0 "	"	37	"	5.55	4.35	
87	5.4 "	12.3 "	"	37	"	5.55	4.35	

H. Barker B. S.  
 50 X 52 to 100-1

M. J. Anderson  
 Surveyor

No. of Station.	Depth of Cut.	Width on Top.	Width in Bottom.	No. of Cubic Yards to be Removed.	Price per Cubic Yard.	Total Cost per Station.	
88.	4.8 ft.	11.1 ft.	18 in.	35	13¢	\$ 5.25 4.11	
89.	3.6 "	8.7 "	"	35	"	5.25 4.12	
90.	6.1 "	13.7 "	"	35	"	5.25 4.11	
91.	5.5 "	12.5 "	"	35	"	5.25 4.12	
B.M.	<u>5.7</u>	Red Oak Stumps soft east ditch.					
92.	5.9 "	13.3 "	"	35	"	5.25 4.11	
93.	6.4 "	14.3 "	"	35	"	5.25 4.12	
94.	6.3 "	14.1 "	"	35	"	5.25 4.11	
95.	7.1 "	15.7 "	"	35	"	5.25 4.12	
96.	6.8 "	15.1 "	"	35	"	5.25 4.11	
97.	5.9 "	13.3 "	"	35	"	5.25 4.12	
98.	5.6 "	12.7 "	"	35	"	5.25 4.11	
99.	6.2 "	13.9 "	"	35	"	5.25 4.12	
100.	6.7 "	14.9 "	"	35	"	5.25 4.12	
101.	5.3 "	12.1 "	"	35	"	5.25 4.12	
102.	5.5 "	12.5 "	"	35	"	5.25 4.11	
103.	5.8 "	13.1 "	"	35	"	5.25 4.12	
104.	5.9 "	13.3 "	"	35	"	5.25 4.11	
105.	5.9 "	13.3 "	"	35	"	5.25 4.12	
B.M.	<u>5.8</u>	Locust soft east of ditch					
106.	5.6 "	12.7 "	"	35	"	5.25 4.11	
107.	4.9 "	11.3 "	"	38	"	5.70 4.47	
108.	5.5 "	13.0 "	2 ft.	38	"	5.70 4.46	
109.	5.7 "	13.4 "	"	41	"	6.15 4.52	
110.	7.0 "	16.0 "	"	43	"	6.45 5.06	
111.	5.4 "	12.8 "	"	43	"	6.45 5.05	
112.	6.3 "	14.6 "	"	43	"	6.45 5.06	
113.	5.8 "	13.6 "	"	47	"	7.05 5.52	
114.	5.8 "	13.6 "	"	47	"	7.05 5.53	
115.	5.9 "	13.8 "	"	47	"	7.05 5.53	
116.	5.4 "	12.8 "	"	45	"	6.75 5.27	
117.	6.2 "	14.4 "	"	45	"	6.75 5.29	

No. of Station.	Depth of Cut.	Width on Top.	Width in Bottom.	No. of Cubic Yards to be Removed.	Price per Cubic Yard.	Total Cost per Station.
118.	6.6 ft	15.2 ft	2 ft.	47	10 <sup>d</sup>	\$ 7.05 5.52
119.	5.4 "	12.8 "	"	47	"	7.05 5.53
Sum.	6.07	Run Out	50 ft. East			
120.	6.3 "	14.6 "	"	47	"	7.05 5.53
121.	4.9 "	11.8 "	"	45	"	6.75 5.29
122.	6.7 "	15.4 "	"	43	"	6.45 5.06
123.	6.4 "	14.8 "	"	43	"	6.45 5.15
124.	5.4 "	12.8 "	"	43	"	6.45 5.06
125.	4.5 "	11.0 "	"	42	"	6.30 4.93
126.	5.2 "	12.4 "	"	42	"	6.30 4.94
127.	4.9 "	11.8 "	"	40	"	6.00 4.70
128.	6.5 "	15.0 "	"	38	"	5.70 4.46
129.	5.6 "	13.2 "	"	34	"	5.10 4.00
130.	4.9 "	11.8 "	"	34	"	5.10 4.00
131.	5.5 "	13.0 "	"	36	"	5.40 4.23
132.	4.8 "	11.6 "	"	36.	"	5.40 4.23
Sum.	5.66	Run Out	40 feet South.			
133.	4.9 "	11.8 "	"	36.	"	5.40 4.23
134.	5.5 "	13.0 "	"	34.	"	5.10 4.00
135.	6.2 "	14.4 "	"	34.	"	5.10 4.00
136.	5.7 "	13.4 "	"	34.	"	5.10 4.00
137.	4.6 "	11.2 "	"	36.	"	5.40 4.33
138.	4.5 "	11.0 "	"	36.	"	5.40 4.23
139.	3.7 "	9.4 "	"	40.	"	6.00 4.70
140.	4.7 "	11.4 "	"	110.	"	16.50 12.94
141.	5.8 "	13.6 "	"	70.	"	10.50 8.25
Sum.	5.03	Run Out	40 feet East.			
142.	5.6 "	13.2 "	"	43.	"	6.45 5.05
143.	4.1 "	10.2 "	"	43.	"	6.45 5.06
144.	4.6 "	11.2 "	"	41.	"	6.15 4.85
145.	4.9 "	11.8 "	"	40.	"	6.00 4.70
146.	4.3 "	10.6 "	"	40.	"	6.00 4.70

No. of Station.	Depth of Cut.	Width on Top.	Width in Bottom.	No. of Cubic Yards to be Removed.	Price per Cubic Yard.	Total Cost per Station.
147.1	3.8 ft.	9.6 ft.	2 ft.	40	15¢	\$6.00
148.1	4.2 "	10.4 "	"	89	12¢	11.12
149.1	4.2 "	10.4 "	"	96	"	12.00
150.1	4.0 "	10.0 "	"	93	"	11.62
151.1	4.8 "	11.6 "	"	104	"	13.00
152.1	4.5 "	11.0 "	"	112	"	14.00
153.1	4.5 "	11.0 "	"	108	"	13.50
154.1	4.8 "	11.6 "	"	117	"	14.02
155.1	3.5 "	9.0 "	"	96	"	12.00
156.1	3.7 "	9.4 "	"	74	"	9.25
157.1	3.8 "	9.6 "	"	81	"	10.12
158.1	2.7 "	7.4 "	"	61	"	7.62
Sum	434	Maple	15 ft met Ditch			
159.1	4.6 "	11.2 "	"	24	15¢	3.60
160.1	3.9 "	9.8 "	"	25	"	3.75
161.1	4.7 "	11.4 "	"	27	"	4.05
162.1	4.2 "	10.4 "	"	29	"	4.35
163.1	4.4 "	10.8 "	"	27	"	4.05
164.1	4.2 "	10.4 "	"	25	"	3.75
165.1	4.1 "	10.2 "	"	24	"	3.60
166.1	4.7 "	11.4 "	"	24	"	3.60
167.1	4.9 "	11.8 "	"	24	"	3.60
168.1	5.8 "	13.6 "	"	25	"	3.75
169.1	5.9 "	13.8 "	"	25	"	3.75
170.1	5.8 "	13.6 "	"	24	"	3.60
171.1	4.8 "	11.6 "	"	23	"	3.45
172.1	5.2 "	12.4 "	"	22	"	3.30
173.1	5.3 "	12.6 "	"	21	"	3.15
174.1	5.5 "	13.0 "	"	25	"	3.75
175.1	5.1 "	12.2 "	"	29	"	4.35
176.1	5.1 "	12.2 "	"	29	"	4.35
177.1	4.9 "	11.8 "	"	29	"	4.35

No. of Station.	Depth of Cut.	Width on Top.	Width in Bottom.	No. of Cubic Yards to be Removed.	Price per Cubic Yard.	Total Cost per Station.	
178.	5.1"	12.2 ft	2 ft.	29.	15 <sup>c</sup>	\$4.35	3.41
v179.	4.7.	11.4 "	"	27.	"	4.05	3.17
180.	5.4"	12.8 "	"	27.	"	4.05	3.17
181.	6.5"	15.0 "	"	25.	"	3.75	2.94
182.	5.6 "	13.2 "	"	20.	"	3.00	2.35
183.	5.7 "	13.4 "	"	18.	"	2.70	2.17
184.	5.5 "	13.0 "	"	18.	"	2.70	2.17
185.	4.2.	10.4 "	"	18.	"	2.70	2.17
				<u>7587.</u>		<u>1084.45</u>	Cost of Construction
						<u>25.55</u>	Est. Cost Grub & Clear
						<u>\$1110.00</u>	Total Est. Cost Ditch
<p>Estimate 2144 Cu. Yds (new cut) @ 12<sup>1</sup>/<sub>2</sub> = \$268.00  " 5443 " " (in old channel) @ 15<sup>c</sup> = 816.45 = 1084.45  " Grubbing &amp; Clearing line of ditch @ 25.55  Total Estimated Cost \$1110.00</p>							
<p>C. J. Cunningham  Engineer.</p>							



By the Construction of a ditch Commencing  
 1 about twenty rods South and twenty rods West  
 2 of the North East Corner of the South West quarter  
 3 of the North East Quarter of Section five  
 4 Township Nineteen North, Range Three East,  
 5 Thence South  $51^{\circ}$  West 685 feet  
 6 Thence South  $40^{\circ}$  West 65 feet  
 7 Thence South  $13^{\circ}$  West 150 feet  
 8 Thence South  $6^{\circ}30'$  East 360 feet  
 9 Thence South  $10^{\circ}$  West 640 feet 2000  
 10 Thence South  $1^{\circ}$  West 290 feet  
 11 Thence South  $45^{\circ}35'$  East 240 feet  
 12 Thence South  $11^{\circ}30'$  East 220 feet  
 13 Thence South  $40^{\circ}$  West 270 feet 3000  
 14 Thence South  $18^{\circ}30'$  East 70 feet  
 15 Thence South  $2^{\circ}30'$  East 250 feet  
 16 Thence South  $49^{\circ}$  East 140 feet 3880  
 17 Thence South  $64^{\circ}$  East 500 feet  
 18 Thence North  $88^{\circ}30'$  East 610 feet  
 19 Thence South  $38^{\circ}30'$  East 290 feet  
 20 Thence South  $2^{\circ}30'$  East 480 feet 52160  
 21 Thence South  $61^{\circ}$  East 400 feet  
 22 Thence South  $2^{\circ}30'$  East 620 feet  
 23 Thence North  $84^{\circ}30'$  East 550 feet  
 24 Thence South  $31^{\circ}$  East 740 feet  
 25 Thence South  $64^{\circ}30'$  West 320 feet 10000  
 26 Thence South  $30^{\circ}$  West 340 feet  
 27 Thence South  $49^{\circ}$  West 260 feet  
 28 Thence South  $12^{\circ}$  East 1180 feet  
 29 Thence South  $6^{\circ}$  East 490 feet  
 30 Thence South  $8^{\circ}30'$  East 110 feet  
 31 Thence South  $9^{\circ}$  East 400 feet  
 32 Thence South  $33^{\circ}$  East 120 feet 3760  
 33

1  
2 Thence South 15° East 80 feet.  
3 Thence South 11° East 150 feet.  
4 Thence South 55° West 490 feet  
5 Thence South 35° 30' West 700 feet  
6 Thence South 72° West 490 feet  
7 Thence South 55° West 200 feet.  
8 Thence South 77° 30' West 180 feet.  
9 Thence South 68° West 120 feet.  
10 Thence South 49° West 150 feet.  
11 Thence South 58° West 450 feet  
12 Thence South 37° 30' West 200 feet.  
13 Thence South 21° 30' West 580 feet.  
14 Thence South 2° East 520 feet. 19530  
15 Thence South 7° West 100 feet 1270  
16 Thence South 35° 30' West 500 feet.  
17 Thence South 24° West 250 feet.  
18 Thence South 19° West 130 feet.  
19 Thence South 12° East 510 feet  
20 Thence South 20° 30' East 350 feet  
21 Thence South 35° East 160 feet  
22 Thence South 4° 30' East 690 feet  
23 Thence South 18° West 120 feet  
24 Thence South 1° 30' East 490 feet  
25 Terminating about twenty-five rods west  
26 and five rods south of the North east corner  
27 of the North West Quarter of the South West  
28 Quarter.  
29 This is in the Channel of the old ditch  
30 known as Finley Run from Stake 19 to  
31 terminate with exception of small changes  
32 on the lands of Ed. Thistlethwait.  
33 The entire ditch to be an open ditch.

The fall of the established grade is  $14\frac{1}{100}$  of a foot per 100 feet from State 0 to State 78. and is  $19\frac{1}{100}$  of a foot per 100 feet from State 78 to State 91. - and is  $9\frac{1}{100}$  of a foot per 100 feet from State 91 to State 119. - and is  $9\frac{1}{100}$  of a foot per 100 feet from State 119 to State 185. or Linnicum.

Said ditch to be 1 foot wide in bottom from State 0 to State 81. and 18 inches in bottom from State 81 to State 108. balance of ditch to be 2 feet wide in bottom.

The slope of the banks of said ditch to be given a  $45^\circ$  slope, all overhanging soils to be cut from banks, bottom to be evenly surfaced, and all earth removed to be deposited not nearer than 2 feet from break of bank, and to slope away from ditch with a  $45^\circ$  slope.

All work to be done in a workmanlike manner, and to the acceptance of the Superintendent in Charge.

All of which is respectfully submitted.

All of which is respectfully submitted.

Eli Stalker

James B. Baker

J. Cunningham

Commissioners.