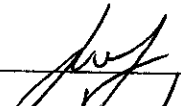
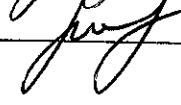
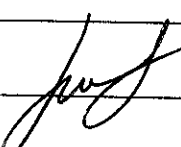
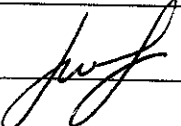
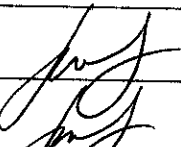
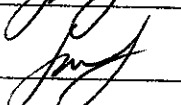


Drain: JACOB VANSEL **Drain #:** 22
Improvement/Arm: _____
Operator: J. LIVINGSTON **Date:** 8-31-04
Drain Classification: Urban/Rural **Year Installed:** 1882

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

NOW JACOB VANSEL

Monday Sept 11th 1882
 7 Day. Hamilton Circuit Court, September Term, 1882

In the matter of the Drainage of the
 James O'neare. No 5227
 Drainage.

Comes now the commission and ^{heretofore} their report here in the words and figures following.

To the Honorable Judge of the Hamilton Circuit Court.

The undersigned Commissioners of Drainage to whom was referred the petition of James O'neare for the drainage of the North East quarter of the North East quarter of section 5 Township 19 Range 4 East except 15 acres of the South East of said tract and also 15 acres of the West side of the North West Quarter of the North West quarter of Section 4 Township 19 North Range 4 East. 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 all of the opinion that the proposed drainage will improve the public health of the neighborhood will benefit a public highway and will be of public utility in the County and all the same can be accomplished at an expense less than the general benefit to the lands to be affected thereby and after giving the necessary surveys and examinations to be made they determined that the method of drainage should be as follows to wit: By the construction of a ditch commencing 40 rods South and ten rods East of the North West corner of the North East quarter of the North East quarter of section 5 Township 19 Range 4 East and running thence South 56° E 800 feet thence East 700 feet; thence South 500 feet thence 14° E 700 feet, thence East 200 feet, thence S 48° E 300 feet thence S 28° E 400 feet thence South 600 feet thence S 12° E 800 feet thence S 50° E 400 feet thence S 48° E 550 feet and terminating 48 rods North of the South East corner of the South West quarter of the South West quarter of section 5 Township 19 North Range 4 East.

They further determine that said ditch should be tiled as follows to wit: with one tier of 6 in tile for the greater portions of said ditch to 1500 feet from said commencement and with two tiers of 8 in tile from 1500 feet

Monday Sept 11

OB 5 PG 578 18

7 Day. Hamilton Circuit Court.

Term, 18

from the beginning to 1950 cut from said beginning and with 3 tier of 8 in tier from 1950 from the beginning of said ditch to 2750. from said beginning that the remaining portion of said ditch should be an open ditch as herein after provided. The following is a tabular statement of the depth of cut and widths at the bottom and at the top of said ditch at the beginning and terminus and at the end of each 100 feet thereof and also the number of the cubic yards of earth to be removed from each 100 feet the estimated cost per yard for removing the same the cost per section is 100 feet the total number of cubic yards to be removed and the total cost of removing the same all measurements of widths and depths being in feet & tenths of feet.

0	36	1.0	1.0	10		27	5.8	2.5	25	110	102	4 00
1	31	"	"	14	"	28	6.0	1.0	10.0	56	122	7 00
2	28	"	"	14	"	29	4.8	1.0	10.6	90	"	12 00
3	30	"	"	14	"	30	5.3	1.0	11.6	90	"	11 25
4	30	"	"	14	"	31	4.8	"	9.6	90	"	11 25
5	48	"	"	14	"	32	5.0	"	11.0	88	"	11 00
6	34	"	"	14	"	33	5.0	"	11.0	88	"	11 00
7	30	"	"	14	"	34	5.1	"	11.2	88	"	11 00
8	31	"	"	14	"	35	5.4	"	11.8	88	"	11 00
9	32	"	"	14	"	36	5.3	"	11.6	88	"	11 00
10	33	"	"	14	"	37	6.2	"	11.4	88	"	11 00
11	35	"	"	14	"	38	5.3	"	11.6	88	"	11 00
12	37	"	"	14	"	39	5.3	"	11.6	88	"	11 00
13	38	"	"	20	"	40	4.4	"	9.8	84	"	10 50
14	43	"	"	22	"	41	4.9	"	10.8	84	"	10 50
15	56	1.6	1.6	38	"	42	4.4	"	11.8	88	"	11 00
16	52	"	"	30	"	43	5.1	"	11.2	88	"	11 00
17	59	"	"	40	"	44	4.8	"	10.6	84	"	10 50
18	56	"	"	40	"	45	4.3	"	10.0	84	"	10 50
19	51	1.6	1.6	40	"	46	4.8	"	9.6	84	"	10 50
20	9	1.2	1.2	50	"	47	4.4	"	9.8	84	"	10 50
21	75	"	2.5	40	"	48	4.8	"	9.8	84	"	10 50
22	71	"	"	40	"	49	4.2	"	7.4	80	"	10 00
23	63	"	"	40	"	50	3.0	1.0	3.0	80	"	8 00
24	64	"	"	40	"	51	2.0	1.0	2.0	80	"	4 00
25	56	"	"	40	"	52	2.1	1.0	2.1	80	"	2 95
26	61	"	"	40	"	53	2.5	1.0	2.5	80	"	3 00

Monday Sept 11

1882

7 Day. Hamilton Circuit Court, Sept

Term, 1882

The total cost number of cubic yards of earth to be removed from said ditch is 2842 and the estimated cost of removing the same is \$336.30 They estimate the cost of tile as follows

91 rods of 6 in tile 60 cts	\$54.60
200 rods 8 inch tile at \$1.00.	200.00
Reinforcing tile	15.00
pulling in tile	8.00
filling ditch	10.00
Total cost of constructing	\$628.90

They would further specify that the banks of the open portion of the said ditch should be cut smooth and of uniform slope and the earth excavation therefrom to be deposited not less than 2 feet from the top of the banks.

Subscribed and sworn to before James R Christiani September 14th 1882.

And the court having seen and examined said Report and being sufficiently advised does approve the same, and said drain is ordered to be constructed and the matter of said construction is referred to J B Wells one of the Commissioners of Drainage of said County,

FILED

SEP 20 1906

M. H. Cowgill

Att. Hamilton Co.

*See pg. 20
715 123*

THE GLOBE-WALKER LEGAL WRAPPER—patented Feb. 11, 1890—FIRST QUALITY.
Directions—Elevate the metal points—attach the manuscript—then fold the points down flat—dampen the gummed flap and stick it down—this fastens the papers and hides the metal.

*20 =
60 =*

STATE OF INDIANA,

SS:

HAMILTON COUNTY,

IN THE MATTER OF THE)
JACOB VANSEL ETAL. DRAIN }

REPORT OF H.L.FINDLEY, COUNTY SURVEYOR.

TO THE AUDITOR OF HAMILTON COUNTY INDIANA.

The undersigned Surveyor of Hamilton County, to whom was referred the above entitled petition for drainage on, the ^{15th} 16th day of July ¹⁹⁰⁶ 1906, would respectfully report that on account of large amount of work being carried on by the County Surveyor, I was unable to make the surveys and report within 30 days as required in your order, but did on the ^{28th} 28th day of August and on the ^{17th} 17th day of September 1906, make all necessary surveys and personal inspections of land described in said petition and all the lands likely to be affected by the proposed work, and that I would respectfully report as follows:--

That the drainage in said petition is practicable, that said proposed drain, when completed will improve the public health and will be of public utility and that there will be two or more public highways benefited. I would further report that the cost of construction, damages and expenses of affecting the proposed drainage, will be less than the benefits to the owners of the lands likely to be benefited by the proposed drainage.

LOCATION.

The best and cheapest method by which said drainage can be accomplished is by a tile drain beginning at a point ⁶⁰ 40 rods South ¹⁰ 10 rods East of North West corner of North East quarter of the North East quarter of Section 5 Township 19 Range 4 running thence.

South 56 degrees East 800 feet thence East 700 feet thence South 500 feet
thence South 14 degrees East 700 feet thence East 200 feet thence South
48 degrees East 300 feet thence South 20 degrees East 400 feet thence
South 600 feet thence South 12 degrees East 800 feet thence South 50
degrees 400 feet thence South 43 degrees 600 feet thence South 40 degrees
East 600 feet thence South 5 degrees West 143 feet and terminating at a
2152 feet East and 238 feet North of the South West corner of Section 4
Township 19 Range 4 Hamilton County Indiana.

REQUIREMENTS:--

Said ditch to consist of one (1) row of six (6) inch tile
from Station 0 to Station 15 and two (2) rows of eight (8) inch tile from
Station 15 to Station 19 + 50 and three (3) rows of eight (8) inch tile
from Station 19 + 50 to Station 27 + 50 all of which is in place and
known as part of James Orear Ditch and which is accepted as sufficient
and made a part of the Jacob Yansel Etal Drain. And said Ditch to consist
of one (1) row of fourteen (14) inch Drain tile from Station 27 + 50 to
Station 36 + 50 and one (1) row of fifteen (15) inch Drain tile from
Station 36 + 50 to Station ~~59 + 00~~^{60 + 06} and one (1) row of fifteen (15) inch
Sewer tile from Station ~~59 + 00~~^{59 + 06} to Station 60⁺¹⁶ and an open ditch one (1)
foot wide in the bottom with side slopes 1 to 1 or 45 degree slope from
Station 60⁺¹⁶ to Station 67 + 43. At Station 27 + 50 to be constructed a catch
basin. Dimentions 6' x 3' x 9" inside mesurments. Said basin to be built
from first class hard burnt brick laid up in mortar made one part
Portland Cement and two parts of good sharp sand, and to be covered with
Iron Ring and open cover of Elwood Iron Works pattern. Dimentions of
cover to be 24 inches. At time basin is built all tiles to be connected
to basin with Sewer tile of same Dimentions as tile to be furnished by
Contractor and laid in basin so that Drain may be properly connected.

STONE RETAINING WALL:--

At Station 60⁺¹⁶ to be constructed a Stone Retaining Wall. Dimensions 16 x 5 x 2 feet, said wall to be built from field rock or nigger heads, laid up in mortar made of one (1) part of Portland Cement to three (3) parts of good sharp sand and so constructed as to receive the tile at proper grade eighteen (18) inches above base of wall. Said wall to be with an angle to line of ditch and on line between Stanley and J. E. Jamby.

LAYING TILE FILLING DITCH & DEADNING:--

All tile used in said Drain to be first class in every respect and to laid in ditch in a true line, with joints well matched and at the proper grade as shown by profile hereto attached and marked Exhibit "B" and to be left uncovered until inspected and accepted by Superintendent of Construction, after same has been accepted to be covered with earth in a first class shape to a depth of 24". All trees to be deadend and bushes trees and weeds to be cut for a distance of 20 feet on each side of tile. All mud, dirt and etc removed from open portion of open ditch to be deposited not nearer than two (2) feet from break of banks. All work to be done in a first class workman like manner and to the full satisfaction of Superintendent in charge of Construction.

GENERAL SPECIFICATIONS:--

Length of Drain	6745 feet.
Length of tile in place and accepted.	2750 feet.
Length of new tile Ditch.	³²⁶⁶ 3250 feet.
Length of open ditch.	⁶²⁷ 645 feet.

FALL OF ESTABLISHED GRADE:--

From Station 0 to Station 27 + 50 fall not shown in James Orear Ditch report.

25/100 to each 100 feet from Station 27 + 50 to Station 40

40/100 to each 100 feet from Station 40 to Station 50

80/100 to each 100 feet from Station 50 to Station 55

40/100 to each 100 feet from Station 55 to Station ~~60~~ 60+16

Drop in Grade at Station 60⁺¹⁶ of 50/100

60/100 feet to each 100 feet from Station 60⁺¹⁶ to Station 67 + 43.

Constructors of the
ESTIMATED COST JACOB YANSEL ETAL DRAIN.

430 ⁴⁵⁰ cubic yards excavation.	\$ 22.00 ^{96.00}
Station 27 + 50 Catch Basin and Iron Top.	20.00
900 feet of 14 inch Drain tile.	135.00
2540 ²³⁵⁶ feet 15 inch Drain tile.	380.00 358.65
10 feet 15 inch Sewer tile.	5.00
8 feet of 8 inch Sewer tile for Basin Construction.	2.00
2 feet of 6 inch Sewer tile for Basin Construction.	.50
Stone Wall 14 x 5 x 2 feet.	25.00
Laying tile, filling ditch and deadning. <i>& cleaning</i>	55.00 ^{94.00}

	\$724.60
	766.15

PROFILE PAPER.

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.
58	409			8		
59	449			9		
60	375	<i>End of file open ditch - 1 ft</i>		12		
60 1/2	425					
61	374		"	22		
62	385		"	18		
63	404		"	15		
64	291		"	10		
65	480		"	9		
66	235		"	5		
67	297		"	2		
67+43	57		"	1		
<i>Total yds -</i>				<u>130</u>	<i>cu yds.</i>	

No.	NAMES.	DESCRIPTION OF LANDS.	Section.	Township.	Range.	Acres Assessed.		Acres Benefited.		Am't of Assess't.		TOTALS.	
						Acres.	Hdths.	Acres.	Hdths.	\$	Cts.	\$	Cts.
	JAMES OREAR.	Pt NW NW	4	19	4	15				30	00		
	DO.	Pt NE NE	5	19	4	15				30	00	60	00
	AMOS CARSON.	Pt SE SE	32	19	4	4				4	00	4	00
	AMOS GIGER.	Pt SW SW	33	20	4	4				4	00	4	00
	M.B. OREAR.	Pt NW NW	4	19	4	5				10	00		
	DO.	Pt NE NE	5	19	4	12				24	00	34	00
	J.W. CROOKS.	Pt N 1/2 NW 1/4	4	19	4	43				86	00	86	00
	ALLEN J. ERP.	SE NE	5	19	4	40				80	00	80	00
	STEPHEN HAWORTH	Pt NE SE	5	19	4	22 ¹⁰				44 ²⁰ 00	44 ²⁰ 00	44 ²⁰ 00	44 ²⁰ 00
	JAMES PARSONS.	Pt NW SW	4	19	4	10				20	00	20	00
	W.A. PERRY.	Pt W 1/2 & E 1/2 SW	4	19	4	51				204 ²²⁹ 00	204 ²²⁹ 00	204 ²²⁹ 00	204 ²²⁹ 00
	I.B. REES.	Pt NE SW	4	19	4	6				12	00	12	00
	E.O. STANLEY.	Pt S 1/2 SW	4	19	4	8				36 00	36 00	36 00	36 00
	I.E. NEWBY.	Pt SE SW	4	19	4	5				5 ¹⁰ 00	5 ¹⁰ 00	5 ¹⁰ 00	5 ¹⁰ 00
	A.M. WILSON.	Pt SE NW	4	19	4	1				2	00	2	00
	JACOB YANSEL.	SW NW	4	19	4	40				160	00		
	DO.	Pt SE NW	4	19	4	15				36 ⁴⁵ 00	36 ⁴⁵ 00	190	00
	JACKSON TOWNSHIP.	Benefit to Highway E & W thro center	4	19	4					45 ⁵² 00	45 ⁵² 00	45 ⁵² 00	45 ⁵² 00
	HAMILTON COUNTY.	Benefit to Gravel Road E & W between 4 5	20	4	19	4				5	00	5	00

STATE OF INDIANA,

SS:

HAMILTON COUNTY,

The undersigned Surveyor of Hamilton County, Indiana, to whom was referred the above entitled petition for report, after being first duly sworn upon his oath, says that he personally examined each track of land assessed for benefits and injuries in the foregoing report, and that the assessments herein before made and reported are correct, just and equitable to all of the parties therein named as interested; that no other lands will be benefitted or injured by said proposed drains; that the above and foregoing report is true in substance and in fact as I verily believe.

A. L. Fridley

Surveyor of Hamilton County.

Subscribed and sworn to before me this the 20 day of September, 1906.

M. T. Gage

Auditor of Hamilton County.