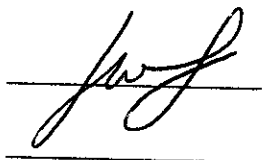
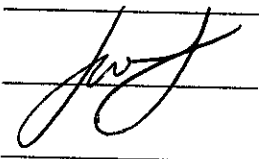
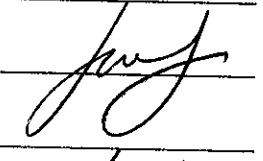
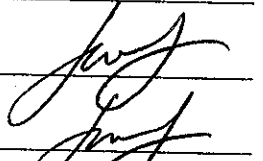
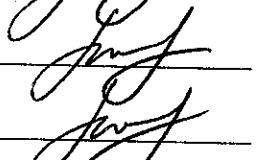



Drain: THISTLEWATE 1 Drain #: 296
Improvement/Arm: STAHL DREAGE
Operator: J. LIVINGSTON Date: 7-12-04
Drain Classification: Urban/Rural Year Installed: 1881

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 

Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: THISTLEWAITE - STAHL DREDGE

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
OPEN DITCH	—	5500'	5500'		19.55/f	107,525.00

Sum: 5500' 5500' \$107,525.00

Final Report: _____

Comments:
USED DESCRIPTION OF BEGINNING & ENDING POINTS IN SURVEYOR'S REPORT
DATED 8-1-1990 AND STATIONING FROM CORRESPONDING PLANS
FOR LENGTH & LOCATION. NO ORIGINAL SOURCE DOCUMENTATION
FOUND.

REPORT OF VIEWERS,
ONT
PUBLIC DITCH,

PETITIONED FOR BY

William Shepley
AND OTHERS.

Filed Feb 5th 1881
W. Ditzgen
and Hale,

No. 191 No 160

ORDER OF BOARD.

*Ditch established and _____ viewers
ordered to complete their duties in
accordance with Section 11 of Ditch
Law, 1875.*

9 day of _____ 188*1*

President of Board.

W. D. P. 34
R ON SECOND REPORT.

*approved by the Board and
ordered to record Proceed-
all and certify costs of loca-
ounty Treasurer for collec-*

_____ day of _____ 188*1*

President of Board.

W. D. P. 160

Wm. B. ...
Buff Legal ...
Indianapolis, ...

1 State of Indiana }
2 Hamilton County } S. S.

3 I hereby certify that I caused
4 notice to be given both by publication,
5 and posting notices, as required by law,
6 of the proceedings and prayer of the
7 petitioner herein; a copy of which
8 notice is herewith attached.

9 Witness my hand and seal as
10 Auditor of said County this March 6th 1887.
11 C. S. H. Pettigrew

Auditor H. C.

PROOF OF PUBLICATION.

State of Indiana, Hamilton County, SS:

In the A D., 18

To Whom it Conc
pendency of Petition of William Shapley and Others for Public Ditch in Adams township, Hamilton county, and Marion township, Boone county.

NOTICE is hereby given, that, upon the petition of William Shapley and others for the location and construction of a ditch in Adams township, Hamilton county, and Marion township, Boone county, and State of Indiana, which petition was filed at the December term, 1880, of Commissioners' Courts of Hamilton and Boone counties. And after due consideration had in the premises the Board of Commissioners of Hamilton county appointed John Beals, James G. Small and James Sanders, and the Board of Commissioners of Boone county appointed John J. Kern, Anthony Kincaid and Henry Stevens viewers to view the lands liable to be affected by said ditch and make the necessary computations and estimates of the cost of construction, and allot to each parcel of land a share of said work in proportion to the benefits to be derived therefrom; and a majority of said viewers have this 3d day of February, 1881, filed in my office their report on said petition. Said proposed ditch commences two (2) rods west of the corner in the center of section thirty-one (31), township twenty (20) north, range three (3) east, in Hamilton county, Indiana, and running from thence down stream, a general south-westerly course, respectively.

PERSONALLY appeared before the undersigned, Oscar Miles

who, being duly sworn according to Law, saith that he is Publisher of the NOBLESVILLE LEDGER, a newspaper of general circulation, Published in said County and State, and that the notice herewith attached was Published in the said Paper for 4 weeks, the first Publication being on the 8th day of February 1881, the second on the 15th day of February 1881, and the third on the 22d day of February 1881, and the last on the 1st day of March 1881

Oscar Miles

SUBSCRIBED AND SWORN TO before me this 9 day of Mar., 1881

J R Christian

Printer's fee \$25.00

Hamilton & BOONE COUNTIES

SS:

March

TERM, 1887

REPORT OF VIEWERS.

To the Honorable Boards of Commissioners of Hamilton & Boone Counties

WE, the undersigned, who were appointed Viewers at your respective December Terms 1880, on a proposed ditch petitioned for by William Shapley, Joel Shoë and others, praying for the location of a public ditch, drain or water course in Adams Township, ^{in Hamilton County, and in Adams Township Boone County} would respectfully submit the following reports That in pursuance of said appointment as certified by the Auditor of said County, we met at ^{the beginning of the proposed ditch} on Monday, the 17th day of January, 1881, and having procured the services of David M. Burns, a civil engineer, and a sufficient number of assistants, and finding that such improvement as prayed for will be conducive to the public health, convenience, or welfare, that the same will be of public benefit or utility, and that the statements made in said petition are true, we proceeded, viewed, surveyed and located the said ditch, drain or water course, on the general route described in said petition; and its meanders, the position and numbers of stakes driven, sections of land, and owners of land benefitted, are represented in a plat filed herewith and made a part of this report, marked Exhibit A, and is fully described as follows to-wit: Commencing two rods west (at) of the corner in the center of section 31 Township 20 North Range Three East in Hamilton County Indiana, and running from thence down stream, as near as advisable with the natural water way, a general southerly course on the east half of the south west quarter and on the west half of the south east quarter of said section 31 to the south west corner of the half quarter last described being a distance of 2660 feet all on the land of Charles Heisterwate, Thence South 1270 feet on and adjacent to the line dividing the lands of Shapley & Shoë from those of William A. Davis, Thence Easterly 670 feet on and adjacent to line dividing lands of same persons, Thence Southerly 1730 through land of said Davis, Thence Westerly ^{355 feet} on and adjacent to the line dividing lands of said Davis from those of Mary & Stahl, all the fore going lands (except those of said Heisterwate) being in section 6 Township 19 North Range Three East, From thence a south westerly course 1455 through the North East quarter of the South West quarter of same section, owned by Alpheus Cox, Thence Westerly 166 feet through the North West quarter of the South West quarter of same section, owned by William A. Davis, all the above and foregoing being in Adams Township, Hamilton County Indiana, Thence South Westerly 1680 feet through the East half of the South East quarter of section one, Township 19 North Range Two East, owned Thomas Shapley, Thence a Westerly course 1450 feet through the North West quarter of the South East quarter of same section (1) owned by Sarah Worley, Thence South Westerly 1850 feet through the North East quarter of the South West quarter of same section (1) owned by Albert W. Stark, Thence South Westerly 2020 feet through the West half of the South West

quarter of some section (C) owned by Samuel S. Davis
Thence South Westerly 40 feet thence the South East
corner of the South part of the of the South East
quarter of two Township last aforesaid, owned by Grabel
H. Vanarsdal, Thence South Westerly on the North
half of the North East quarter of section 11, Township
19 last aforesaid, owned by Gordon Wheeler (except
School lot) to where said ditch terminates at a point
73 rods South, and ninety five rods West, of the North
East Corner of said section 11, Marion Township
Boone County, Indiana.

Said ditch is all to be an open ditch excepting
a distance of 800 feet, from stake 0, to stake 8, on the
first allotment, on the land of Charles Thistlethwaite
which is to be constructed with two rows of seven
inch tile, estimated in cost of said allotment. Ditch
all to be graded to the depths given in profile
which makes the bottom of grade for part tiled
one foot above grade for part left open, where tile stops
at stake 8.

GENERAL SPECIFICATIONS.

General course. The general course from the beginning to the termination is South

Length of Ditch. Westerly
The total length of said ditch is one hundred eighty seven & 8/10 stations of 100 feet each, equal to Three miles, 178 rods, three feet.

Fall per Station. The fall of the established grade is as follows: From stake 0 to stake 20 is 15 feet to the station. From stake 20 to stake 187 & 8/10 is 10 feet to the station. From stake _____ to stake _____ is _____ feet to the station. From stake _____ to stake _____ is _____ feet to the station.

Average fall per mile. The average fall per mile is 5.50 feet.

Average depth. The average depth from the level of stakes driven to measure from is five feet.

Top width. The average top width, measured on said level, is 24.20 feet.

Bottom width. The average bottom width is 4.20 feet.

Slopes of banks. The slopes of banks two feet horizontal to one foot perpendicular, except the part that

Width of waterways. The waterways of bridges, flood gates and farm crossings, to be four feet wider than the ordinary width of ditch.

Removal of obstructions from route. The route of said ditch to be cleared of all obstructions to a width of fifty feet on each side of the center of same, by each party on his or her allotment.

Excavated earth. No excavated earth to remain within four feet of either edge of the banks, nor steeper than the slope of sides.

Bridges for road and farm crossings. Wherever said ditch crosses a highway, or wherever a farm crossing is desired, a bridge shall be built, which shall be four feet wider than the top of the ditch, the stringers or joists Six feet above the bottom of the ditch; and blocks or framed bents, where necessary, shall be placed so as to give a clear waterway of twenty feet in the center of said ditch. Said highway bridges to be constructed by the Supervisors of the road district, under the direction of the Township Trustee as soon as necessary.

Flood gates. Wherever said ditch is crossed by any fence, flood gates shall be swung by strong iron hinges to a strong cross-beam, firmly supported, Six feet above the bottom of said ditch. Said flood gates shall be made of good plank, kept clear of drift, and in good repair, by the owner.

Manner excavated. Ditch to be excavated in accordance with the profile and specifications filed herewith, marked exhibit B., and made a part of this report. Said exhibit showing the number of stakes, whose land they are upon, height of grade stake above assumed level, distances in allotments, to whom allotted, the depth, top width and bottom width for each stake.

Estimated cost. We find that the estimated cost is Four thousand eight hundred Sixty five dollars and 90 cents (\$ 4865.90), which we take for the basis of the allotment of the work, and we set apart and apportion to each parcel or tract of land a share of said work, in proportion to the benefits to be derived therefrom, all set forth in the following schedule of allotments, which shows in tabular form to whom allotted, for what land, section, township, range, acres, hundredths, number of allotments, from what stake, to what stake, distance in feet, also the number of cubic yards of excavation in section or allotment.

Benjamin Krindle	S E SW	qr 1	19 2	40 00	28	144	147	300	420	42,00	2,11	126
Samuel S Davis	W 1/2 SW	"	"	80 00	29	147	164	1700	3400	340,00	3,30	10,21
Boone County	per benefit of County road				30	164	167	300	570	57,00	3,15	171
Gabel H Vanarsdall	S pt SE	qr 2	19 2	109 00	31	167	177	1000	1360	135,00	3,23	4,06
Judson Wheeler	1/4 N 1/2 NE	"	"	79 00	32	177	187	1080	1650	165,00	2,52	4,96
Trustee of Adams Township Hamilton County Indian												
+ Joseph W Sample Trustee of Marion " Boone "												
per constructing bridges on their county roads												
general specifications above												
In Hamilton County											9206	
" Boone County											5419	
Total											\$ 146,25	

" Exhibit C "

Statement of costs and expenses of the
 Shapley Public Ditch in Adams Township Hamil.
 County of Marion Township Boone County Indian

580	Joel Shae Axman	2 da	\$ 2.50
	Charles Shettlethwaite Axman	2 da	2.50
	publisher Ledger	10 sgs 4 wks. advertising	25.00
	Auditors fees		10.00
	David M. Burns	10 days Engineering	50.00

In the above schedule the words, letters, &c., are of the denomination or name given at the head of the column in which they stand, and in the abbreviation used, N stands for North, S for South, E for East, W for West, qr. for quarter, pt. for part, "°" for degrees, ^{and same,} do., or two dots (thus " ") ^{whatever} for is last above, ^{and} fr. for fraction.

We further report that the expenses of engineering and preparing a plat, profile and an estimate of the cost of construction, expenses of chain carriers, axmen and rodmen, with the cost of advertising, will be found on a paper filed herewith, marked exhibit C, and made a part of this report.

STATE OF INDIANA, }
Boone COUNTY, } SS:

We, the undersigned, viewers of *Shapley and others* public ditch, being duly sworn ^(affirmed) upon oath say that we located said ditch as above described, made a careful examination of all lands liable to be affected by same, allotted the work of construction to the several tracts in proportion to the benefits to be derived therefrom, and that the foregoing report, with the plat, profile and bill of expenses, constitute a full report of our proceedings herein, all of which are just and equitable, as we verily believe: so help us God. ^(under the pains and penalties of perjury)

John Beals }
John G. Kern }
James G. Small }
Stephen Stevens }
Anthony Kincaid }

Viewers of
Shapley
 Public Ditch.

Subscribed and sworn to before me this *second* day of *February*, 18*81*

David M. Burrus
 Notary Public

2200
 1

220

STATE OF INDIANA,

Hamilton COUNTY, } SS:

SECOND REPORT OF VIEWERS.

ON *Shapley* PUBLIC DITCH.

To the Honorable the Board of Commissioners of Boone County:

We, the undersigned, viewers, in pursuance of your order made on the *9th* day of *March*, 1881, directing us to perform certain additional duties in accordance with section eleven of the act under which said ditch was established, would respectfully report that we have, in accordance with said act, from estimates heretofore made by us, with the assistance of the engineer, as in first report, made a just and fair estimate of the average cash value per lineal rod of the whole ditch, which we find to be *4* ^{*52*}/₁₀₀ dollars per rod, and the average value of the cost of excavating the earth per cubic yard is *10* cents. The whole cost of construction, *Forty eight hundred sixty five & 90* ^{*100*}/₁₀₀ dollars. The cost of constructing each allotment is set forth in the third column from the last in our first report. The average cost per lineal rod through each allotment is set forth in second column from the last in said report. We also apportioned the cost of location, including printer's fees, to the amount of *one hundred forty six* ^{*25*}/₁₀₀ dollars, as required in our order and awarded each person owning land affected, as found to be just and right, his or her proportional share of said cost; which we have set forth in the last column on the right in the schedule of allotments in the first report.

Said expenses or cost to be paid into the County Treasury by the *7th* day of *November*, 1881.

We further specify that the excavation of the entire ditch to be completed as follows, to-wit:

Time when excavation shall be finished.

- From Stake *187th* up to Stake *98*, by the *first* day of *October*, 1881
- From Stake *98* up to Stake *31*, by the *first* day of *November*, 1881
- From Stake *31* up to Stake *0*, by the *first* day of *December*, 1881
- From Stake _____ to Stake _____, by the _____ day of _____, 18__
- From Stake _____ to Stake _____, by the _____ day of _____, 18__
- From Stake _____ to Stake _____, by the _____ day of _____, 18__

The whole ditch to be fully completed by the *1st* day of *December*, 1881.

The work shall be performed in the manner as required in the specifications of said ditch, filed in the Auditor's office of said county. Stakes are driven at the boundaries of the several portions or allotments, at each one hundred feet, which are numbered progressively down stream.

STATE OF INDIANA, }

BOONE COUNTY. }

sworn

We, the undersigned, being duly sworn upon oath say that the last three columns of schedule of allotments, in first report referred to above, are accurate statements of what they purport to be, and that said statements, together with all the above and foregoing, are true and equitable, as we verily believe; so help us God.

James G. Small
John Beal
John J. Kern
Anthony Kincaid } Viewers

Subscribed and sworn to before me, this *28th* day of *May*, 1881

David M. Burrus
Notary Public