

Drain: BARTHOLOMEW (KWIN) **Drain #:** 160
Improvement/Arm: _____
Operator: J. LIVINGSTON **Date:** 2-2-04
Drain Classification: Urban/Rural **Year Installed:** 1902

GIS Drain Input Checklist

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

rec

Bartholomew James
Ditch

James

26th day of May

1902.

U. C. White
admitted these on
June 13th & be cleared
July 7-1902
J. M. H.

No. *97*

IN THE MATTER OF

Bartholomew Jewin Ditch

Report returned

July 4, 1902

*and viewers ordered
to make final report*

July 19, 1902

Leri Cooper

Report of Ditch Viewers.

COMMISSIONERS' COURT.

Filed **FILED** . 1

JUN 5 1902

Erige D. ...

Auditor.

Wm. B. Burford, Printer, Indianapolis. 500 2-25-90.

103, 319

E-25 E-SW

To the Honorable Board of Commissioners of **Hamilton** County, Indiana:

We, the undersigned, appointed by this Court, at its **May** Term, 1902, to view a drain described in the certified copy of a petition and order of Court for a **Ditch**, by **Bartholomew Ditch**, and others, handed us by the Auditor, would represent that according to said order we, on the day named therein, to wit: The **26th** day of **May**, 1902, in company with **J. A. Mitchell**, a civil engineer, made an accurate survey of the line of said proposed **Ditch**, from its source to its outlet. A plat of said **Ditch** is filed herewith, including the survey by the engineer, marked "Exhibit **B**." We caused stakes to be set along said line, each one hundred feet, numbering down stream, as shown by plat. We also made a computation of the total number of cubic yards of earth to be removed from said drain, and estimated the total cost for the construction of the work at **\$515.80** Dollars.

~~We also apportioned and set apart to each parcel of land a share of said work in proportion to the benefits received, all of which will fully appear by a tabular statement in this report.~~ We have also set out, by a statement below, the names of the owners of lands benefited, with a description of each tract of land, and the amount assessed against each tract. The depth of cut, the width at bottom, and width at top along said drain, is also shown in a tabular statement in this report. After a full and careful view and examination, we are of the opinion that the drain, as located

by the survey, will be of **public utility and convenience** and that the cost of the construction of the drain will be less than the benefits to be derived therefrom: and we believe that said drainage can best be accomplished by a tile drain from its source to its outlet; said drain to consist of a main ditch and arm. The main ditch shall consist of one row of 8 inch tile from stake 0 to stake 16+50, and one row of 10 inch tile from stake 16+50 to stake 29+30, and from stake 29+30 to stake 35+74 one row of 12 inch tile; and from 35+74 to 35+90 shall be 1 row of 12 inch sewer tile, or 16 feet of 12 inch sewer tile at lower end of ditch; The arm shall be 1 row of 8 inch tile or from 0 to 1+42 ft

The following statement shows who are benefited, the lands thereof and assessments thereon, location, length of each share, amount of assessments, amount of benefits, ~~amount of dirt to be removed from each share, price thereof per cubic yard, and total cost of each share:~~

NAMES OF OWNERS.	DESCRIPTION OF LANDS.	Section.	Township.	Range.	Acres Assessed.	Hdths Assessed.	Acres Benefited.	Hdths Benefited.	Amount of Benefits.	Amount of Assessments.	From Station.	To Station.	Feet Long.	Cubic Yards to be Removed	Price per Cubic Yard.	Cost of Construction of Share.
Bartholomew Ditch	1/2 A. g.w side NE	SW	32 18	5	9 50				\$40.00	40.00	✓					35.65
J. W. Kirkpatrick.	Pl NW SE	SW	32 18	5	2 58				7.00	7.00	✓					6.24
Mary M. Beckner.	NW	SW	32 18	5	40		40		72.75	74.00	✓					65.93
"	Pl 1/2 1/2 SW	SW	32 18	5	1		1		1.25		✓					
Samuel C. Harrison.	Pl 1/2 NE + pl 1/2 SE		31 18	5	2.7		2.7		80.00	80.00	✓					71.28
James C. Harrison.	Pl NE	SE	31 18	5	7		7		10.00	10.00	✓					8.91
Wm F. Harrison.	Pl E 1/2	NE	31 18	5	8		8		20.00	20.00	✓					17.82
James F. McKinstry	SW	NW	32 18	5	40		40		110.00	165.00	✓					147.02
"	Pl NW	NW	32 18	5	20		20		55.00		✓					
Wm. H. Harper.	Pl NE	NW	32 18	5	38		38		80.00	118.00	✓					105.14
"	Pl 1/2 SE	NW	32 18	5	12		12		30.00		✓					
"	Pl NW	NE	32 18	5	5.50		5.50		9.00		✓					
Hamilton County	Highway, Cumberland & RR between		31/32 18	5					\$21.00	\$21.00						18.71
Fall Creek Township	Highway E & W thro Cut		32 18	5					\$25	\$25.00						22.30
Certificate issued Sept 10-1902															499.00	

\$560.00

20-209

Viewers' Report of

TABULAR STATEMENT OF STATIONS, WIDTH, DEPTH, LENGTH, ETC.

STATIONS.	WIDTH AT TOP.		DEPTH OF CUT.		WIDTH AT BOTTOM.		WIDTH OF CLEARING OR TIMBER.
	Feet.	Inches.	Feet.	Tenths.	Feet.	Inches.	

Location: This drain is located as follows: Beginning a point 280 feet north and 420 feet west of the southeast corner of the northeast quarter of section 31 Township 18 north, range 5 east in Hamilton County Indiana, running thence Township 18 north, range 5 east in Hamilton County Indiana, running thence south 88° East 1200 feet; thence S. 49° E. 200 feet; thence N. 81½° E. 250 feet; thence S. 29¾° E. 400 feet; thence S. 63¾° E. 655 feet, being 3590 feet in length. The area begins at a point 312 feet north and 157 feet west of the northwest corner of the northeast quarter of the southwest quarter of section 32 Township 18 north range 5 east thence S. 29¾° E. 100 feet; thence S. 29¾° E. 42 feet and terminating in Main Ditch at stake 16+50 ft being 142 feet long. The main ditch terminates in what is known as Sand Creek Extension Ditch. The main ditch terminates in what is known as Sand Creek Extension Ditch 63 feet below stake 58 on said ditch, or at a point 682 feet east and 1060 feet south of the southwest corner of the northeast quarter of the southwest quarter of section 32 Township 18 north range 5 east.

1200
200
250
1650

Requirements:-

All tile use must be of the best quality in every respect and must be laid in the ditch at the proper grade and in a true line with joints well matched, and must be left uncovered until inspected and accepted by the County Surveyor. After which the earth excavated must be placed in and over the line of ditch or in other words the tile must be covered to the satisfaction of the engineer. There shall be a retaining wall of stone at stake 35+90 or end of tile. The wall to be 16' x 6' x 2' and to be built of big heads or field rock laid up with mortar made from 1 part portland cement to 3 parts good sharp sand all work to be done in a workmanlike manner and to the satisfaction of the County Surveyor.

GENERAL SPECIFICATIONS AND SUGGESTIONS.

The length of the ditch as located is	Main Ditch 3590 feet.	Arm is 142 feet in length.				
The fall of the established grade is	12/100	feet, from Station	0	to Station	9	per 100 feet.
" " " " " " "	5 1/2/100	" " " "	9	" " "	13	100 "
" " " " " " "	1 ft	" " " "	13	" " "	18	100 "
" " " " " " "	1 30/100	" " " "	18	" " "	26	100 "
The total fall is	92/100	feet, from	26	" " "	35+90	100 "
Total fall of Main Ditch	27 5/100 feet					
The fall of the arm is	1 60/100 feet	per 100 feet.				with drop into Main Ditch of 28/100 feet.

The viewers would further report that in our opinion it is impracticable to allot said ditch for construction, for the reason that we believe the work can be better done and in less time by selling the contract to the lowest bidder and all to one contractor; and we recommend that the Auditor sell the ditch as provided by law in such cases.

Viewers { N. G. Randall.
Chas. J. Brown.
A. H. Myers.

Subscribed and sworn to before me, this 5th day of June, 1902, Auditor, County.

Viewers' Report of

Ditch.

TABULAR STATEMENT OF STATIONS, WIDTH, DEPTH, LENGTH, ETC.

STATIONS.	WIDTH AT TOP.		DEPTH OF CUT.		WIDTH AT BOTTOM.		WIDTH OF CLEARING OR TIMBER.
	Feet.	Inches.	Feet.	Tenths.	Feet.	Inches.	

Location: This drain is located as follows: Beginning at a point 280 feet north and 420 feet west of the southeast corner of the northeast quarter of section 31 Township 18 north, range 5 east in Hamilton County Indiana, running thence south 88° East 1200 feet; thence S. 49° E. 200 feet; thence N. 81½° E. 250 feet; thence S. 29¾° E. 400 feet; thence S. 6° E. 885 feet; thence S. 63¾° E. 605 feet, being 3590 feet in length. The area begins at a point 212 feet north and 157 feet west of the northwest corner of the northeast quarter of the southwest quarter of section 32 Township 18 north range 5 east thence S. 4° W. 100 feet; thence S. 29¾° E. 42 feet and terminating in Main Ditch at stake 16+50 ft being 142 feet long. The main ditch terminates in what is known as Sand Creek Extension Ditch 63 feet below stake 58 on said ditch, or at a point 682 feet east 24060 ft south of the southwest corner of the northeast quarter of the southwest quarter of section 32 Township 18 north range 5 east.

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GENERAL SPECIFICATIONS AND SUGGESTIONS.

The length of the ditch as located is	Main Ditch 3590 feet.		Arise is 142 feet in length.		
The fall of the established grade is	12/100	feet, from Station	0	to Station 9	per 100 feet.
" " " " " " "	50/100	" " " "	9	" " 13	" 100 "
" " " " " " "	1 ft	" " " "	13	" " 18	" 100 "
" " " " " " "	1 30/100	" " " "	18	" " 26	" 100 "
The total fall is	93/100	" " " "	26	" " 35+90	" 100 "
Total fall of Main Ditch 27.57 feet					
The fall of the arise is 1 60/100 feet per 100 feet with drop into Main Ditch of 28/100 feet.					

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Chas. J. Brown.
A. H. Myers.

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5th

day of

June

1902

Auditor

County.