

Drain: JM EDICOTT **Drain #:** 266
Improvement/Arm: RT OGLE
Operator: J. LIVINGSTON **Date:** 12-10-03
Drain Classification: Urban/Rural **Year Installed:** 1888

GIS Drain Input Checklist

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

We further state, that for the purpose of obtaining the above results, we found it necessary to employ the services of an Engineer. The expenses for surveying, leveling and preparing estimate of cost of construction and advertising, will be found in our second Report, which will be hereunto annexed.

We, ^{Jesse} ~~Henry~~ Devaney, J H Hunter

and viewers of the Ogle

Ditch, do, upon our oaths, say that the estimates and apportionments made in the foregoing Report are just and equitable, as we verily believe.

Jesse Devaney
J H Hunter

VIEWERS OF
R. J. Ogle
DITCH.

Subscribed and sworn to before me, this 29 day of Oct 1887

J W Brooks

Auditor of Hamilton County.

SECOND REPORT.

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

We, the undersigned, Viewers of the R & Ogle Ditch.

in pursuance of an Order of the Commissioners' Court, made on the 17th day of September, 1887, would respectfully state that we further report that the costs of surveying, estimating and advertising the above Ditch amounts to \$ 57.45 We have, in pursuance with Sec. 11 of Ditch Law, apportioned the above to the several parties benefited, which will be found in the last column of the list of apportionments in first Report. Said expenses to be paid into the County Treasury by the 25th day of April, 1889

Jesse Devaney
J H Hunter

VIEWERS OF
R. J. Ogle
DITCH.

Subscribed and sworn to before me, this day of April 1888

J W Brooks

Auditor of Hamilton County.

FILLED
NOV 4 1887
JAMES W BROOKS
AUDITOR HAMILTON COUNTY

TO THE HONORABLE BOARD OF COMMISSIONERS OF *Hamilton* COUNTY:

We, the undersigned, appointed by the within Order of the Commissioners' Court to view the proposed ditch therein described, would respectfully submit the following

REPORT.

In pursuance of the said Order we have viewed the location of the proposed ditch, and finding that such improvement will be conducive to the public health and convenience, and of benefit and utility to the inhabitants of the County, we have located the same, and appraised the benefits, and apportioned to each parcel of land affected by the construction of said ditch a share of work in proportion to the benefits to be derived therefrom.

The number of cubic yards of excavation required for said work, and estimated cost of the same, depth of cut, width at bottom and top for each station of one hundred feet, will be found in a tabular statement appended hereto, and made a part of this Report.

The following List shows the apportionment to each tract of land benefited by said improvement:

NAMES OF OWNERS.	DESCRIPTION.	Section.	Town.	Range.	APPORTIONMENT.		
					From Station.	To Station.	Expenses.
<i>H. E. Kershman</i>	<i>S. E.</i>	<i>S. W.</i>	<i>4</i>	<i>20</i>	<i>3</i>	<i>40</i>	<i>6.27</i>
<i>S. A. Kershman</i>	<i>N. E.</i>	<i>S. W.</i>	<i>4</i>	<i>20</i>	<i>3</i>	<i>40</i>	<i>3.76</i>
<i>H. B. Miles</i>	<i>N. W.</i>	<i>S. W.</i>	<i>4</i>	<i>20</i>	<i>3</i>	<i>40</i>	<i>94</i>
<i>J. J. W. Murty</i>	<i>N. E.</i>	<i>N. W.</i>	<i>9</i>	<i>20</i>	<i>8</i>	<i>40</i>	<i>1.25</i>
<i>R. J. Cagle</i>	<i>S. W.</i>	<i>S. E.</i>	<i>4</i>	<i>20</i>	<i>8</i>	<i>40</i>	<i>6.27</i>
<i>except 10 a. off E side</i>							
<i>John A. Lee</i>	<i>N. W.</i>	<i>S. E.</i>	<i>4</i>	<i>20</i>	<i>3</i>	<i>40</i>	<i>1.25</i>

NAMES OF OWNERS.	DESCRIPTION.	Section.	Town.	Range.	APPORTIONMENT.		
					From Station.	To Station.	Expenses.
John A. Lee	N ¹ / ₂ S. E. S. E.	4	20	3	20		
Same	5 a. off end of N ¹ / ₂ S W S E	4	20	3			\$ 14.10
John Herstman	15 a. out of NW corner of NW S E	4	20	3			2.57
George Holland	N. E. S E	4	20	3			12.54
S. S. Cagle	N. W. S W	3	20	3	40		1.57
George Small	S W N W	3	20	3	40		2.50
Jesse Small	S. E. N. W. Except 2 a. out of N. E. Corner	3	20	3	28		94
Ann Summers	2 a. out N. E. corner S. E. N W	3	20	3			
H. J. Copick	S. W N. E.	3	20	3			
Adams Town	Public highway running E by west through center of	3	20	3			
Same	Public highway running N. S between	3	20	3			
Same	Public highway running East and West on line dividing	4	20	3			2.50
Be. Co. L. & R. Co.	Roller Turn and County Line (Gravel Road)						
David Hester	N. E. S W	3	20	3	40		1.57
J. N. Eaton	S. W. S W	3	20	3	40		.64

Main Ditch

No. of Station.	Depth of Cut.	Width at Bottom.	Width at Top.	No. Cubic Yards.	Cost per Cubic Yard.	Cost per	Section.	No. of Station.	Depth of Cut.	Width at Bottom.	Width at Top.	No. Cubic Yards.	Cost per Cubic Yard.	Cost per	Section.
0	4.0	10 in						33	4.3			22		\$	10 00
1	3.2			10	12.2	\$	45-8	34	4.1			22			10 00
2	3.3			10			45-8	35	4.3			22			10 00
3	2.8			10			45-8	36	4.4	2.6		25			18 19
4	3.4			10			45-8	37	4.9			37			17 44
5	3.4			10			45-8	38	5.3			39			17 69
6	4.4			10			45-8	39	5.9			43			18 19
7	3.5	14 in		18			9 51	40	5.9			45			18 44
8	3.7			19			9 63	41	5.6			44			18 3 2
9	3.6			19			9 63	42	5.5			43			18 19
10	4.0			20			9 76	43	4.7			39			17 69
11	3.9			20			9 76	44	4.5			39			17 44
12	3.9			20			9 76	45	4.1			34			17 07
13	4.4			21			9 88	46	3.8			32			16 82
14	4.2			22			10 00	47	3.0			26			16 07
15	4.2			22			10 00	48	3.2			24			15 82
16	4.3			22			10 00	49	4.1			28			16 32
17	4.7			28			10 13	50	4.5			33			16 95
18	5.3			30			11 01	51	3.7			32			16 82
19	5.5			33			11 38	52	4.0			29			16 45
20	5.2			33			11 38	53	4.1			32			16 82
21	6.1			34			11 63	54	4.8			33			16 95
22	6.3			35			12 75	55	4.3			34			17 07
23	5.3			32			11 38	56	3.8			31			16 70
24	5.1			29			11 01	57	3.1			23			15 70
25	4.5			29			10 76	58	2.6			21			15 45
26	4.3			23			10 26	59	2.2			19			15 19
27	4.0			21			10 01	60	1.1			17			14 94
28	3.9			22			10 00	61	1.0						
29	4.4			21			9 88	62	1.6						
30	4.6			23			10 13	63	1.6						
31	5.0			25			10 38	64	1.8						
32	4.2			23			10 13	65	1.7						
								66	1.8						
								67	2.2						
								68	3.3						
								69	2.5	80 ft.					

Total Cost of Main Ditch \$748.3

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.
0	3.5	10 in				
1	3.2	..		16	12 1/2 cts.	\$ 5 33
2	2.7	..		12	..	4 83
3	3.1	..		12	..	4 83
4	3.9	..		16	..	5 33
5	3.8	..		18	..	5 58
6	3.6	..		17	..	5 46
7	4.1	..		18	..	5 58
8	3.8	..		19	..	5 70
9	3.4	11 in		17	..	6 40
10	3.6	..		18	..	6 52
11	3.5	..		18	..	6 52
12	3.4	..		17	..	6 40
13	3.1	..		16	..	6 28
14	3.4	..		16	..	6 28
15	3.6	12		18	..	7 81
16	3.5	..		18	..	7 81
17	4.1	..		19	..	7 93
18	4.1	..		21	..	8 18
19	3.7	..		20	..	8 06
20	4.3	..		21	..	8 18
21	4.9	..		24	..	8 55
22	4.2	..		23	..	8 43
23	4.3	..		22	..	8 30
Total Cost - Arise						\$154.29
Main Ditch						748.37
Entire of Ditch						\$902.66

From Station 0 to Station 8
 From Station 8 to Station 14
 From Station 14 to Station 23
 One row 8 in tile
 One row 7 in tile
 One row 9 in tile

Profile of Arise.

Said ditch should commence 580 West of
of the N.E. Corner of the S. E. ^{section 4} S. W. ^{1/4} Township
20 Range 3 East - thence east 600ft - thence N 26° E
2000ft - thence N 15° E 1000ft - thence N 25° E 800ft -
thence East 900ft - thence N 30° E 300ft - thence N 40° E
1180ft. and empties into the ~~main~~ Endicot
Ditch. Also an arm commencing 10 rods South
of the N.W. Corner of N 1/2 S.E. S.E. Section 4
Township 20 Range 3 East - thence S 10° E 400ft -
thence N 30° E 1100ft - thence - thence N 15° E 800ft.
and intersects the main ditch at Lake
numbered 95.

It is further specified that in the
~~open~~ tiled part of said ditch the bottom is to
evenly cut and inspected before the
tile is covered. The parties who are
allotted portions of the tile ditch are to
furnish the tile of their allotments. The cost
of ~~including~~ hauling the sand and filling
in ditches are all included in the esti-
mated cost of said ditch.

The ditch is to consist of 1 row of 6 in tile from
stake to stake numbered 6 from stake
numbered 6 to ^{2 stake} numbered 35. 1 row of 10 in
tile. From stake numbered 35 to stake
numbered 60. 1 row of 8 in tile and 1 row
of 10 in tile. Also an arm consisting of 23
stations. From stake numbered 8 to
stake numbered 8. 1 row 6 in tile
From stake numbered 8 to stake numbered
14. 1 row 7 in tile. From stake numbered 14 to
stake numbered 28. 1 row of 8 in tile.
to be of good quality.

GENERAL SPECIFICATIONS.

Length of Ditch.

The total length of said ditch as described in the petition is $68\frac{4}{5}$

Stations of 100 feet each. With an arm of 23 Stations

Fall per Station.

The fall of the established grade is as follows: From Station 0 to Station 6 is $\frac{2.5}{100}$ feet to the Station. From 6 Station to 35 Station is $\frac{1}{10}$ feet to the Station. From Station 35 to

Fall per mile.

64 Station is $\frac{1}{5}$ feet to the Station. From .. 64 to Station ⁶⁹ 70 to the station. Arm - From 0 to 10 $\frac{1}{5}$ ft to station - From 10 to 23 The total fall is feet to the mile. $\frac{1}{10}$ ft to the station.

Excavated earth.

No excavated earth to remain within two feet of either edge of the banks.

Slopes of banks.

The slopes of banks to be not less than one foot horizontal to one foot vertical.

Width of waterways

The waterways of bridge and farm crossings to be double the ordinary width of ditch.

Removal of standing and down timber.

All standing and down timber to a width of feet on each side of the center of the ditch to be cleared level with the surface of the ground, and removed by each party on his or her own land, on or before the day of 18 If not finished as specified above, the work to be let at a price not to exceed Dollars per acre.

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

Time when excavation shall be finished.

From Station 40 to Station 59+35 by the 1st day of August 1888	1888
From Station 59+35 to Station 58+37 by the 4th day of .. 1888	1888
From Station 58+37 55+84 9 1888	1888
From Station 55+84 to Station 54+38 by the 12 day of .. 1888	1888
From Station 54+38 52+4 16 1888	1888
From Station 52+4 to Station 50+56 by the 19 day of September 1888	1888
From Station 50+56 to Station 42+11 by the 1st day of September 1888	1888
From Station 42+11 40 6 1888	1888
From Station 40 to Station 39 by the 26 day of .. 1888	1888
From Station 39 29 main D. 21+98 by the 6 day of October 1888	1888
From Station 29 28+98 main D. 20+29 9 1888	1888
From Station 28+98 27+29 12 1888	1888
The whole ditch to be fully completed by the 19 day of .. 1888	1888
From Station 19 to Station 13+32 by the 19 1888	1888
From Station 13+32 18 0 29 1888	1888

We claim fees for services as follows

J. H. Hunter Viewer & Co	\$ 12.00
Jesse Dewary	6 .. 12.00
John Lee Chairman	1/2 .. 2.25
James Lee	1/2 .. .75
G. H. Scott	1/2 .. .75
Lark Harold oxman	1 .. 1.50
R. J. Coffey Marker	1/2 .. 2.25
W. J. Coffey	1/2 .. .75

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FILED

APR 6 1929

O. W. Applegate

AUDITOR HAMILTON COUNTY

STATE OF INDIANA)
) 31
HAMILTON COUNTY)

IN COMMISSIONERS COURT.

IN THE MATTER OF THE PETITION

OF PAUL KIRBY, ET AL.

FOR THE REPAIR OF THE R. T. OGLE DRAIN.

Report of Drainage Commissioners and Engineer.

To the Honorable Board of Commissioners of Hamilton County.

We the undersigned Commissioners of Drainage and the Engineer, to show the above entitled petition for Drainage of certain lands in Adams Township, Hamilton County, Indiana, was referred.

We would respectfully report that we met in the Auditor's Office, on the 12th, of December, 1928, qualified and proceeded to view said Drain and lands affected thereby.

After a careful investigation of the condition of said Drain, we are of the opinion that said Drain should be repaired and in a manner set out in this report and that the same when completed will improve the public health and will reclaim certain lands, and will be a public utility, and will benefit highways, also that the cost of constructing, damages and expenses of effecting said Drain will be less than the benefits to the lands effected by said Drainage.

That we definitely determined the best and cheapest method of effecting the Drainage of such lands, we have fixed the route, locations and character of said proposed work and have fixed the same by notes and bounds, courses, distances, descriptions and guides and Bench Marks, for complete outlet for the Drainage of said lands effected by said proposed work; that we divided the Ditch into Sections of not more than 100 feet in length by setting stakes at each 100 feet.

LOCATION.

Begin at the Northeast corner of the Southeast quarter of the Southwest quarter of Section 4 Township 20 North Range 3 East; Run thence from station 0 to station 9 North 58' East; thence from station 9 to station 17 North 55' East; thence from station 17 to station 18 North 68' East; thence from station 18 to station 19 North 70' East; thence from station 19 to station 31 North 62' East; thence from station 31 to station 36 North 55' East; thence from station 36 to station 37 North 58' East; thence from station 37 to station 46 North 88' East; thence from station 46 to station 47 North 54' East; thence from station 47 to station 49 North 36' East; thence from station 49 to station 50 North 51' East; thence from station 50 to station 54 North 80' East; thence from station 54 to station 56-30 East; thence from station 56-30 to station 59-30 North 10' East; thence from station 59-30 to station 62-54 North 55' East and terminate in the Endicott Drain, about 60 rods North and 4 rods East of the center of Section 3.

62.54

Said Drain to consist of one row of ^{12"}~~12"~~ tile, from station 0 to station ²⁸~~28~~
~~and one row of 12" tile from station 28 to station 53-76~~ and one row of 14" tile
from station 28 to station 53-76 and an open ditch 3 feet wide in the bottom
with side slopes of 45' from station 53-76 to station 62-54, also station 0
and station 29-60 there shall be constructed Catch Basins as per Plans attached
hereto also at station 53-76 shall be constructed a headwall as per Plans
for same filed herewith.

The open portion shall be cut true to grade and shall have the banks cut
to a forty five degree slope. All earth excavated shall be deposited not nearer
than three feet from the edge of the banks. All bushes, briars and weeds to be
cut for a distance of 25 feet from the center line of drain.

53-76
28
25-70

62-54
53-76
8+78 open

The work will be staked by the Engineer and his stakes must be carefully preserved and followed. The digging of each and every portion of the Ditch must be at its outlet, or its junction with another Drain towards its upper end. The Ditch to be dug along one side of the line of Survey stakes, and sufficient distance from not to disturb them, and shall be dug in a straight and clean manner. In taking out the last draft the blade of the spade must not go deeper than the grade line. The ditch must be dug accurately and true to the grade at the depth indicated by the figures given by the Engineer, measured from the grade stakes. The laying of the Tile must begin at the lower end and proceed up stream. The tile must be laid as closely as practicable and in a line free from cracks, the pieces being turned about until the upper closes, unless there is sand or fine silt which is likely to run into the tile, in which case the lower edge must be laid close and the upper side covered with clay or other material. When making turns or by other unavoidable reason a crack of one-fourth ($\frac{1}{4}$) inch or more is necessarily left, it must be securely covered with broken pieces of tile or by other indestructible material. Junctions with branch lines must be carefully and securely made.

After the tile have been laid and inspected by the Engineer or his representatives, they must be covered with the earth excavated from the trench, or borrowed clay or soil. Where said trench does not afford sufficient material, and in no case less than Two (2) feet in depth over the tile in new cuts. And where said Drain is in an open channel the filling shall be to a depth of not less than Two (2) feet above the top of the tile, for the full width of said channel, in no case must the tile be covered with sand without other material being first used, and in no case will boulders or heavy rock be allowed in the filling if they may in time come in contact with the tile.

The Ditch Contractor must assume all risk from caving in of the Ditch, and when each drain is completed it must be free from sand and mud before it will be received and paid for in full. In case it is found impracticable, by reason of bad weather or other unlooked for trouble in digging the ditch or properly laying the tile, to complete the work specified in the contract, the time may be extended as mutually agreed upon by the contractor and the Engineer.

The contractor shall use all necessary precaution to secure his work from injury while he is constructing the Drain.

All tile and material used in the construction of this drain and its tributaries thereto, included in the requirements of these Specifications, shall be first class in every respect and subject to rigid inspection by the Engineer.

The Engineer shall have authority to lay out and direct the work, and to inspect and supervise the same during the construction and completion to see that it is properly done in accordance with the specifications and contract, and his instructions shall be fully carried out.

CONCRETE WORK.

Unless otherwise specified all concrete work included in these Specifications shall be a mixture of 1--2--3 ; One part Portland Cement, Two part Sand, and Three part Gravel.

The sand and gravel to be a ~~minimum~~ free from dirt, loam and other foreign matter. The Cement, sand and gravel to be thoroughly mixed while dry until it presents an even shade of coloring throughout, then made into a moderately wet mortar, and be immediately placed in the forms for moulding the concrete into shape. The forms for all concrete work shall be neatly constructed from strong materials, and shall be true to lines, dimensions and shape given for the different structures.

Station	Ground Cut	Cubic Yards.
0	2.50	8x00
1	3.00	15
2	2.90	16
3	3.00	16
4	3.10	17
5	2.80	16
6	3.40	17
7	3.49	19
8	3.30	19
9	2.99	18
10	3.85	16
11	4.55	23
12	5.10	26
13	5.42	29
14	5.92	32
15	6.65	35
16	7.32	39
17	6.12	37
18	5.98	34
19	5.19	31
20	4.62	27
21	4.27	25
22	4.37	24
23	4.42	25
24	4.55	25
25	4.09	24
26	5.02	25
27	4.67	27
28	4.57	26
29	4.72	26
30	4.97	27
31	4.88	28
32	5.54	29
33	6.14	32
34	6.44	35
35	5.94	34
36	6.31	34
37	5.84	34
38	4.84	30
39	3.89	24
40	3.59	20
41	3.59	20
42	3.94	20
43	4.59	24
44	5.19	28
45	4.29	26
46	4.29	26
47	4.39	24
48	4.78	25
49	4.89	27
50	4.59	27
51	4.12	24
52	4.02	23
53	3.72	22
54-76 end of tile	2.76	14
54	1.42	9
55	1.32	27
56	0.22	14
57	0.72	8
58	1.02	16
59	1.02	20
60	1.07	20
61	0.97	20
62	1.07	20
62+54	0.52	8

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NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Amount of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Hanna C Small	1/4 SE NW	3	20	3			20		25	80	23		23	
Maggie Coffey	1/4 NE SW	3	20	3			30		49	80	4			
	1/4 SE NW	3	20	3			10		22		20		6	
Orin Hershman	SW NW	3	20	3			30		418		380		380	
Robert Burton	NW SW	3	20	3			40		187		170			
	N ² SW SW	3	20	3			17		37	40	34		204	
Roy Hershman	1/4 SE NE	4	20	3			3		22		20		20	
Rosa Rokey	1/4 NW SE	4	20	3			12		112	20	102		102	
									161	20	147		147	
Jo Left Rokey	1/4 E ² W ² SW	4	20	3			12		41	80	38		38	
									52	20	48		48	
Samuel Hershman	1/4 NE SW	4	20	3			25	18	188	10	171		171	
Emma Hershman	1/8 SW SW	4	20	3			40		308		280		280	
Henry E Hershman	3/4 NW ² SW SE	4	20	3			25	28	123	20	112		112	
Everett W Murty	1/4 NE NW	9	20	3			25		60	50	55		55	
									110		100		100	
Best Hillock	1/4 S ² SE	4	20	3			4		8	80	8		8	
Edgar M Biddle	1/4 SW SW	3	20	3			3		6	60	6		6	
Everett & Paul Kirby	1/4 NW NE	4	20	3			25	25	60		550			
	NE SE	4	20	3			25	40	61	6	560			
	N ² SE SE	4	20	3			20		44		40			
	E ¹ / ₄ N ² SW SE	4	20	3			5		11		10		1160	
Hamilton County	Benefits to Highways													
	1-E ¹ / ₄ NW thru Cent	3	4	20	3				33		30			
	1-N ² SE bet	3	4	20	3				33		30			
	1-E ¹ / ₄ NW S. side	4	20	3					16	50	15		75	
	Assessments reduced by Board								33	10			301	
	leaving balance												291	

Estimate Cost of Construction including,

Material, Labor Hauling, etc., necessary for completion of the work in accordance with the Plans and Specifications,

Station	to Station,	\$
Station	to Station,	\$
Station	to Station,	\$
Station	to Station,	\$
Station,	to Station,	\$
Total,		\$ 2488.60

Estimate expense, including,

Attorney Fee,	\$	
Recording & Relensing,	\$	
Legal Printing,	\$	
Superintendent of Construction,	\$	
Court expenses etc.,	\$	
Contingency fund,	\$	
Total,		\$ 387.90

We claim for services, expenses & mileage, to date for;

<i>L.M. Stultz</i>	Drainage Commissioner,	\$ 7.00
<i>Walt D. M. Casey</i>	Viewer,	\$ 7.00
<i>J. Shannon</i>	Engineer & Helpers,	\$ 94.50
Total,		\$ 134.50

Grand Total, \$ 3011.00

Net after Board's Reduction \$ 2911.00

STATE OF INDIANA }
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HAMILTON COUNTY }

We the undersigned Viewers and Engineer, to whom was referred the above entitled petition for report, after being duly Sworn upon Oath say that we have personally examined the whole line of said proposed Ditch, that the assessments herein made and reported are correct, just and equitable to all parties herein named as interested, That no other lands will be benefitted or injured by said proposed Drain, and that the above and foregoing report is true in substance and in fact as we verily believe.

L. M. Stutz
.....
J. D. DeLooney
.....
Viewers.

J. H. ...
.....
Engineer.

Subscribed & Sworn to before me this *10* day of *April* 192*9*

O. M. Applegate
.....
Auditor of Hamilton County.