

Drain: WILLIAM THOMAS **Drain #:** 181
Improvement/Arm: _____
Operator: J. L. WILKINSON **Date:** 7-23-07
Drain Classification: Urban/Rural **Year Installed:** 1892

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

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Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: WILLIAM THOMAS

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	8"	400'	400'		2 ^{<u>00</u>} /lf	800 ^{<u>00</u>}
	10"	1475'	1475'		3 ^{<u>00</u>} /lf	4,425 ^{<u>00</u>}
	* 14"	1085'	526'	-559	4 ^{<u>25</u>} /lf	2,235 ^{<u>50</u>}
	2x10"	940'	940'		3 ^{<u>00</u>} /lf	5,640 ^{<u>00</u>}
	2x12"	1270'	1270'		4 ^{<u>00</u>} /lf	10,160 ^{<u>00</u>}
	18"	890'	890'		6 ^{<u>50</u>} /lf	5,785 ^{<u>50</u>}
	** 20"	2165'	665'	-1500'	8 ^{<u>00</u>} /lf	5,320 ^{<u>00</u>}
OPEN DITCH	* -	0'	615'	+615'	19 ^{<u>55</u>} /lf	12,023 ^{<u>25</u>}
Sum:		<u>8225'</u>	<u>6781'</u>	<u>-1444'</u>		<u>\$46,388^{<u>75</u>}</u>

Final Report: _____

Comments:
* -559' OF 14" TILE REPLACED BY 615' OF OPEN DITCH AT AN UNKNOWN TIME.

** 1500' OF 20" TILE REPLACED BY OPEN DITCH DURING RECONSTRUCTION (1984)

**Gasb 34 Asset Price &
Drain Length Log**

Drain-Improvement: WILLIAM THOMAS DRAIN - ARM 1 & ARM 2 (1912)

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	8	462	462	0	\$2.00 LF	\$924.00
TILE	10	1636	1636	0	\$3.00 LF	\$4,908.00
Sum:		<u>2098</u>	<u>2098</u>	<u>0</u>		<u>\$5,832</u>

Final Report: _____

Comments:
 THIS PORTION OF DRAIN WAS MISSED ON THE ORIGINAL ASSET INVENTORY IN 2004.

OLD Graduated Value was \$2873.33

NEW Graduated Value is \$3133.25

Apportionment for Keeping in Repair the

William W Thomas

DE 4 PG 38

Wm. B. Burford, Blank Book Mfr., Indianapolis.

Share No.	From Station No.	To Station No.	Feet Long	NAME TO WHOM APPORTIONMENT IS MADE	DESCRIPTION OF LAND BENEFITED	Section	Town.	Range	ACRES BENEFITED		AMOUNT OF BENEFIT	
									Acres	Hund.	Dols.	Cts.
				State of Indiana, S.E. Hamilton County								
<p style="text-align: center;">In the matter of the Wm W. Thomas et al Drain No 15813</p> <p style="text-align: center;">Report of the Drainage Commissioner & Engineer To the Honorable Judge of Hamilton Circuit Court</p> <p>The undersigned drainage Commissioner & Engineer to whom was referred the above entitled petition for the drainage of certain lands in Adams Township, Hamilton County, Indiana, would respectfully report that on the 22nd day of November we met at the head of the proposed drain and proceeded to survey and lay out said drain and examine the lands to be drained by said proposed drain. We would report that we have definitely determined the best and cheapest method of draining said lands and fixed the route, location & character of the proposed work and fixed the same by meters & bounds, courses, distances and descriptions, grades & bench-markers so as to provide for the complete drainage of the lands affected by the proposed work.</p> <p>We have divided the work into sections of not more than 100 feet in length and have computed and set out the number of cubic yards of excavation in each station and have assessed the benefits to each separate tract of land and to the proper Township, where highways are benefited. We have fixed the beginning and outlet of said drain so as to secure the best results and cause the least possible injury to the lands affected and so as to benefit the Public Highways.</p> <p>We believe the drain when completed will be practicable, that the public health will be improved; that two public highways will be benefited; that the ditch will be of public utility and that the cost and expense of constructing said drain will be less than the benefits to the lands assessed for the construction; that the best and cheapest method of securing said drainage is by a Main Ditch, and two arms or branches described and located as follows:—</p>												

ORIGINAL SPECIFICATIONS

DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE

Width at Top
Depth of Cut
Width at Bottom

Main Ditch Location.

Beginning 367 feet south and 15 feet west of the south west corner of the north half of the south east quarter of section 20, Township 20 north of range 3 east in Hamilton County, Indiana run thence south 87° east 400 feet

"	"	58°	"	800	"
"	"	48°	"	300	"
"	"	37° 30"	"	100	"
"	"	14° 30"	"	200	"
"	"	55°	"	75	"
"	north	76° 25"	"	225	"
"	south	78°	"	100	"
"	"	73°	"	800	"
"	"	75° 45"	"	200	"
"	east			700	"
"	south	17°	east	100	"
"	"	1° 30"	"	380	"
"	"	26° 15"	"	220	"
"	"	33°	"	100	"
"	"	56°	"	100	"
"	"	76°	"	100	"
"	"	78°	"	100	"
"	north	68°	"	100	"
"	"	63°	"	200	"
"	"	83° 15"	"	700	"
"	south	89°	"	100	"
"	"	80°	"	100	"
"	"	69°	"	100	"
"	"	56° 30"	"	100	"
"	"	40°	"	325	"
"	"	25°	"	75	"
"	"	40°	"	600	"
"	"	62° 45"	"	825 feet	and terminating about

200 feet west and 200 feet north of the south east corner of the south west quarter of the north ^{East} west quarter of section 28, Township 20, north of range 3 east.

Apportionment for Keeping in Repair the

Wm W. Thomas
Dr 4 PG 39

W. B. Burford, Blank Book Mfr., Indianapolis.

Share No.	From Station No.	To Station No.	Feet Long	NAME TO WHOM APPORTIONMENT IS MADE	DESCRIPTION OF LAND BENEFITED	Section	Town.	Range	ACRES BENEFITED		AMOUNT OF BENEFITS	
									Acres	Hund.	Dols.	Cts.
				Arm No 1	Location							
				<p>Beginning 245 feet east of the south west corner of the north half of the south east quarter of Section 20, Township north of range 3 east in Hamilton County, Indiana, run thence south 23° west 100 feet, thence south 30° east 300 feet, thence south 45° east 62 feet, and terminating at stake 4 on said Wm W. Thomas et al Drain, Main Ditch,</p>								
				Arm No 2	Location.							
				<p>Beginning 255 feet south and 15 feet west of the south west corner of the south east quarter of section 20 Township 20 north of range 3 east in Hamilton County, Indiana, run thence north 53° east 460 feet, thence north 65° east 240 feet, thence north 67° east 100 feet, thence south 77° 30" east 200 feet, thence south 66° 30" east 100 feet, thence south 51° 30" east 200 feet thence south 68° east 100 feet, thence north 77° east 236 feet and terminating at stake 18+75 on said Wm W. Thomas et al drain, Main Ditch.</p>								
				<h2>Requirements.</h2>								
				<h3>Retaining Wall.</h3> <p>At station 82+25 shall be constructed a concrete retaining wall 20 feet in length and 7 feet in height at each end and 6 feet high at the center line, making a swag for overflow and shall be 24 inches thick at the base and battered on the face side one inch per foot.</p> <p>The mixture of the concrete shall be one part Portland cement to five parts sand and gravel of an approved quality, Said wall to be built in forms so that when completed the wall will have a neat and smooth finish and so constructed as to receive the tile at the proper grade, 2 feet above the base of the Wall.</p>								
				<h3>Concrete Box</h3> <p>At station 29+60 there shall be a concrete connecting box 18" x 30" inside measurements with walls 6" thick and extending one foot below and 6" above the Inlet tile and cemented bottom 4" thick and covered with a cement slab 4" thick. The mixture of the concrete shall be one part portland cement to five parts clean sand and gravel of an approved quality.</p> <p>At station 51+70 there shall be constructed a concrete connecting box 2' x 3½' feet inside measurements with walls 6" thick and extending one foot below and 6 inches above the Outlet tile and cemented bottom 4 inches thick and to be covered with a cement slab 4 inches thick, the mixture of the concrete</p>								

ORIGINAL SPECIFICATIONS

DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE

shall be one part portland cement to five parts clean sand and gravel of an approved quality.

Tile.

The Main Ditch to consist of

One	row	of	8	inch	tile	from	station	0	to	station	4.
"	"	"	10	"	"	"	"	4	to	"	18+75
"	"	"	14	"	"	"	"	18+75	"	"	29+60
Two	"	"	10	"	"	"	"	29+60	"	"	39
"	"	"	12	"	"	"	"	39	"	"	51+70
One	"	"	18	"	"	"	"	51+70	"	"	60+60
"	"	"	20	"	"	"	"	60+60	"	"	82+25

Note:— The tile from 9+80 to 17 and from 29+60 to 51+70 are now in place and not to be figured as a part of the cost of this ditch.

Arm No One

Arm number one to consist of one row of 8 inch tile throughout and to be connected to the Main ditch in the Y branch connection at station 4.

Arm No Two.

Arm number two to consist of one row of 10 inch tile throughout and to be connected to the Main ditch in the Y branch connection at station 18+75.

Fall of the established grade.

Main Ditch.

30/100	feet	to	each	100	feet	from	station	0	to	station	5
20/100	"	"	"	100	"	"	"	5	"	"	10
25/100	"	"	"	100	"	"	"	10	"	"	13
40/100	"	"	"	100	"	"	"	13	"	"	25
60/100	"	"	"	100	"	"	"	25	"	"	29+60
8/100	"	"	"	30'	"	"	"	51+70	"	"	52
25/100	"	"	"	100	"	"	"	52	"	"	68
30/100	"	"	"	100	"	"	"	68	"	"	82+25

Arm No One

10/100 feet to each 100 feet from station 0 to station 4+62

Arm No Two

25/100 feet to each 100 feet from station 0 to station 8

50/100 100 8 16+36

Apportionment for Keeping in Repair the

Wm W. Thomas

DRY PG 40

Wm. B. Burford, Blank Book Mfr., Indianapolis.

Share No.	From Station No.	To Station No.	Feet Long	NAME TO WHOM APPORTIONMENT IS MADE	DESCRIPTION OF LAND BENEFITED	Section	Town.	Range	ACRES BENEFITED		AMOUNT OF BENEFIT	
									Acres	Hund.	Dols.	Cts.
<p><i>Note.</i></p> <p>In consideration of the fact that there now exists certain tile drains on and along the route of the proposed drain, we have made the following provisions:-</p> <p>1st- That the new ditch shall follow the line of old tile, that said old tile shall be carefully taken out and placed upon the bank and shall be the property of the land owner in accordance with their original ownership, and shall be removed by them, Except that on the Main Ditch from stake 15 to 17+18 the tile will be taken up and relaid to the new grade.</p> <p>2nd;- That we have accepted that part of the Main Ditch from station 9+80 to station 15 as now constructed and hereby made it a part of this drain, and also from stake 15 to 17+18 have accepted the tile, but figure for the contractor to excavate and relay said 218-feet.</p> <p>3rd;- That we have accepted said old Ditch from station 29+60 to station 51+70 as now constructed and do hereby make this portion a part of this drain, without any change, except that said portion shall be connected at its upper and lower ends, to the new construction by means of concrete box connections as provided in another place in these specifications.</p> <p>4th- That at station 60+60 the contractor is to excavate a trench to a proper grade for a distance of 100 feet to the north-west from said station 60+60 and shall furnish sufficient number of new tile to make the connection of a certain 12 inch tile drain near said point and shall lay said tile, together with the old ones to proper grade and refill the trench.</p> <p>Also shall make excavations and furnish tile and make proper connection of a certain 7 inch tile drain at station 62.</p> <p><i>Laying Tile, Filling Ditch Leading and Grubbing</i></p> <p>All tile used in the construction of this drain shall be first class quality and subject to the inspection of the superintendent in charge of the work. They shall be laid in the trench in a true line with joints well matched and at proper grade as shown on the profile hereto attached and marked "Exhibit B" and made a part of this report and shall be left uncovered until examined by the Superintendent after which the trench, where the ditch is new cut, shall be filled full and where the ditch runs in the old channel the tile shall be covered with two feet of earth.</p> <p>Trees and bushes shall be cut or deadened on each side of the ditch for a distance of 25 feet except in the opinion of the superintendent it is advisable to leave certain trees, All work to be done in a first class and workman like manner, and to the full satisfaction of the superintendent in charge of the work.</p>												

Ditch, by

J. Shannon

COUNTY SURVEYOR,

ORIGINAL SPECIFICATIONS			DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE				
Width at Top	Depth of Cut	Width at Bottom					
Station	Cut	Yards	Cost per Station	Station	Cut	Yards	Cost per Station
0	4.45			54	5.35	5	27 95
1	4.03	23	\$ 10 95	55	6.58	6	30 20
2	3.77	22	10 70	56	5.50	7	30 45
3	3.43	20	10 20	57	5.64	8	30 70
4	3.13	18	9 70	58	6.19	9	30 95
5	3.31	18	11 75	59	6.07	10	31 20
6	3.69	19	12 00	60	4.38	21	33 95
7	4.01	21	12 50	+60	7.88	42	27 72
8	3.77	22	12 75	61	5.68	25	20 69
9	4.57	24	13 25	62	3.21	41	46 35
+80		23	11 55	63	4.87	37	45 35
10	6.41			64	5.68	49	48 35
11	4.81			65	5.81	43	46 85
12	4.22			66	5.51	52	49 10
13	3.97			67	7.46	60	51 10
14	4.25			68	5.81	61	51 35
15	4.48			69	4.76	9	38 35
16	4.58	25	6 25	70	7.09	9	38 35
17	3.56	22	5 50	71	6.97	7	38 35
18	3.47	19	12 00	72	6.24	6	37 60
+75	3.56	14	8 94	73	5.14	5	37 35
19	4.16	7	5 86	74	5.99	8	38 10
20	4.93	34	24 95	75	6.78	9	38 35
21	4.09	33	24 70	76	6.44	6	37 60
22	4.02	30	23 95	77	6.16	5	37 35
23	4.95	33	24 70	78	4.74	6	37 60
24	4.27	34	24 95	79	6.06	5	37 35
25	3.85	30	23 95	80	5.14	4	37 10
26	4.26	30	23 95	81	5.46	3	36 85
27	3.66	29	23 70	82	5.29	1	36 35
28	3.76	28	23 45	<i>Total</i>		1194	\$ 1580 49
29	3.99	29	23 70				
+60		14	13 37				
30 to 51							
+70	1.64						
52	3.90	8	10 61				
53	5.55	4	29 70				

Apportionment for Keeping in Repair the

Wm W Thomas
DR 4 Pg 41

Share No.	From Station No.	To Station No.	Feet Long	NAME TO WHOM APPORTIONMENT IS MADE	DESCRIPTION OF LAND BENEFITED	Section	Town	Range	ACRES BENEFITED		AMOUNT OF BENEFITS	
									Acre	Hund.	Dols.	Cts.
<i>Arms No 1</i>												
Station	but	yd	Station									
0	4.03											
1	3.10	20	\$10 20									
2	2.90	17	9 45									
3	3.51	18	9 70									
4	3.13	18	9 70									
+62	3.13	11	5 97									
<i>Total</i>		84	\$45 02									
<i>Arms No 2</i>												
0	4.02											
1	4.24	23	\$13 00									
2	3.91	22	12 75									
3	3.96	22	12 75									
4	3.84	22	12 75									
5	3.80	21	12 50									
6	3.70	21	12 50									
7	3.74	21	12 50									
8	3.57	20	12 25									
9	3.63	20	12 25									
10	3.63	20	12 25									
11	3.65	20	12 25									
12	3.62	20	12 25									
13	4.22	22	12 75									
14	4.46	24	13 25									
15	4.37	24	13 25									
16	3.72	22	12 75									
+36	3.56	7	4 36									
<i>Total</i>		351	\$206 36									

ORIGINAL SPECIFICATIONS			DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE
Width at Top	Depth of Cut	Width at Bottom	
			Estimated cost of construction.
			Cost per Profile \$ 1831.87
			Retaining Wall 50.00
			Y connections 9.60
			Two concrete Box connections 20.00
			75 feet of 12 inch tile at station 60+60 19.00
			50 feet of 7 inch tile at station 62 6.70
			<u>\$ 1937.17</u>
			Advertising \$ 20.00
			Recording 1.00
			Attorney 80.00
			Mr. J. Shannon Engineer 38.00
			Mr. John Hoskins Viewer & Reelman 18.00
			Mr. H. M. Mare Viewer 12.00
			Mr. M. M. Robertson Chairman 8.00
			Mr. W. J. Stahl Assessor 2.00
			Estimated cost of Superintending construction 100.00
			<u>\$ 279.00</u>
			Grand Total \$ 2216.17

Apportionment for Keeping in Repair the

Wm W. Thomas
Dr 4 Pg 42

Share No.	From Station No.	To Station No.	Feet Long	NAME TO WHOM APPORTIONMENT IS MADE	DESCRIPTION OF LAND BENEFITED	Section	Town	Range	ACRES BENEFITED		AMOUNT OF BENEFITS	
									Acres	Hund.	Dols.	Cts.
<i>Description of Assessments</i>												
				<i>Erugine Williams</i>	<i>Pt SE SW</i>	<i>20</i>	<i>20</i>	<i>3</i>	<i>20</i>		<i>81</i>	<i>00</i>
				<i>Eva Underwood</i>	<i>Pt E 1/2 NW</i>	<i>29</i>	<i>20</i>	<i>3</i>	<i>35</i>		<i>132</i>	<i>00</i>
				<i>W. J. Stahl</i>	<i>Pt S 1/2 SE NW</i>	<i>29</i>	<i>20</i>	<i>3</i>	<i>4</i>		<i>3</i>	<i>40</i>
				<i>Do</i>	<i>NW NE</i>	<i>29</i>	<i>20</i>	<i>3</i>	<i>40</i>		<i>187</i>	<i>00</i>
				<i>Anna Boyley</i>	<i>SE NE</i>	<i>29</i>	<i>20</i>	<i>3</i>	<i>40</i>		<i>59</i>	<i>50</i>
				<i>Clara Beard</i>	<i>S 1/2 SW SE</i>	<i>20</i>	<i>20</i>	<i>3</i>	<i>20</i>		<i>85</i>	<i>00</i>
				<i>Wm Johnson</i>	<i>N 1/2 SW SE</i>	<i>20</i>	<i>20</i>	<i>3</i>	<i>20</i>		<i>85</i>	<i>00</i>
				<i>John C Saworth</i>	<i>Pt NW NW</i>	<i>28</i>	<i>20</i>	<i>3</i>	<i>37</i>		<i>49</i>	<i>30</i>
				<i>Do</i>	<i>SW NW</i>	<i>28</i>	<i>20</i>	<i>3</i>	<i>40</i>		<i>136</i>	<i>00</i>
				<i>Do</i>	<i>Pt NW NW SW</i>	<i>28</i>	<i>20</i>	<i>3</i>	<i>3</i>		<i>10</i>	<i>20</i>
				<i>Geo W Beacon</i>	<i>NE NW</i>	<i>28</i>	<i>20</i>	<i>3</i>	<i>40</i>		<i>222</i>	<i>70</i>
				<i>Do</i>	<i>SE NW</i>	<i>28</i>	<i>20</i>	<i>3</i>	<i>40</i>		<i>222</i>	<i>70</i>
				<i>W. W. Thomas</i>	<i>Pt SW NE</i>	<i>28</i>	<i>20</i>	<i>3</i>	<i>20</i>		<i>222</i>	<i>50</i>
				<i>Rebecca Merchall</i>	<i>Pt NW NE</i>	<i>28</i>	<i>20</i>	<i>3</i>	<i>4</i>		<i>13</i>	<i>60</i>
				<i>Geo W Baker</i>	<i>Pt SW SE</i>	<i>21</i>	<i>20</i>	<i>3</i>	<i>15</i>		<i>31</i>	<i>87</i>
				<i>Laurena Fausett</i>	<i>Pt NE SW</i>	<i>21</i>	<i>20</i>	<i>3</i>	<i>5</i>		<i>10</i>	<i>65</i>
				<i>Do</i>	<i>SE SW</i>	<i>21</i>	<i>20</i>	<i>3</i>	<i>40</i>		<i>85</i>	<i>00</i>
				<i>John C Merchall</i>	<i>Pt N NW SW</i>	<i>28</i>	<i>20</i>	<i>3</i>	<i>3</i>		<i>14</i>	<i>00</i>
				<i>Do</i>	<i>SW SW</i>	<i>21</i>	<i>20</i>	<i>3</i>	<i>40</i>		<i>151</i>	<i>30</i>
				<i>Do</i>	<i>NW SW</i>	<i>21</i>	<i>20</i>	<i>3</i>	<i>33</i>		<i>70</i>	<i>10</i>
				<i>Do</i>	<i>Pt SW NW</i>	<i>21</i>	<i>20</i>	<i>3</i>	<i>8</i>		<i>6</i>	<i>80</i>
				<i>Do</i>	<i>Pt SE NE</i>	<i>20</i>	<i>20</i>	<i>3</i>	<i>13</i>		<i>11</i>	<i>10</i>
				<i>Do</i>	<i>NE SE</i>	<i>20</i>	<i>20</i>	<i>3</i>	<i>30</i>		<i>25</i>	<i>50</i>
				<i>Do</i>	<i>S NW SE</i>	<i>20</i>	<i>20</i>	<i>3</i>	<i>20</i>		<i>74</i>	<i>40</i>
				<i>Do</i>	<i>SE SE</i>	<i>20</i>	<i>20</i>	<i>3</i>	<i>40</i>		<i>123</i>	<i>20</i>
				<i>Do</i>	<i>NE NE</i>	<i>29</i>	<i>20</i>	<i>3</i>	<i>40</i>		<i>170</i>	<i>00</i>
				<i>Adams Township</i>	<i>N & S through</i>	<i>20+29</i>	<i>20</i>	<i>3</i>			<i>30</i>	<i>00</i>
				<i>benefit to highway</i>	<i>N & S between</i>	<i>29+20+21+</i>	<i>28</i>	<i>20</i>	<i>3</i>		<i>15</i>	<i>00</i>
					<i>N & S through</i>	<i>21+28</i>	<i>20</i>	<i>3</i>			<i>15</i>	<i>00</i>
					<i>E & W</i>	<i>"</i>	<i>20</i>	<i>20</i>	<i>3</i>		<i>5</i>	<i>00</i>
					<i>Total</i>						<i>2348</i>	<i>82</i>

DIGIT, BY

J. S. Harmon

COUNTY SURVEYOR,

ORIGINAL SPECIFICATIONS

DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE

Width at Top
Depth of Cut
Width at Bottom

State of Indiana
S.S.
Hamilton County.

We the undersigned
Drainage Commissioners and 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 we have personally
examined each tract of land as set out in this report, and that
we have examined the whole line of route of the proposed drain and
that no other lands than that above set out and described will be
benefited or injured by said drain, and that the above report is true
in substance and in fact as we each verily believe.

John B. Hoskins } Drainage
H. M. Mare } Commissioners

J. S. Harmon
Engineer

Subscribed and sworn to before me this the 21 day of November 1912

Le Roy J. Patty
Clerk Hamilton Circuit Court.

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, and will be a benefit to the three public highways, and will improve the health of the neighborhood.

And that said drain can be constructed at an expense less than the aggregate benefit to the lands affected thereby.

And after causing the necessary survey and examinations to be made they determine that the method of drainage should be as follows to wit:

Commencing about 10 rods West & 10 rods South of the N.E. corner of the N.E. quarter of the S.W. quarter of sec 32, Township 20, Range 3 East

in an open ditch running thence North
 21° E. 800 feet North 33° E 800 East 41° North
 1000 " East 45° North 300 East 48° N 500
 East 56° North 400 " East 53° N 400 North 15° West 430
 North 5° West 970 " North 41° E 300 East 21° N. 300
 East — 750 " East 14° N. 700 East 9° N. 700
 East 41° N 200 " North 8° W 700 East 41° N 500
 East 47° N 200 " East 17° N 400 East — 400
 East 31° N 1200 " East 10° N 1100 East 25° N 900
 East 37° N 400 " North 14° W 600 North 19° W 1100
 North 19° E 500 " North 15° W 200 North 35° E 200
 East 35° S $\frac{400}{1400}$ " East — $\frac{200}{6200}$ North — $\frac{100}{5400}$

And terminating in an open ditch
 Little Cicero

Drain No. 1 - Commencing - about 20 rods South of the North West corner sec 28 - Tp 20 - R 3 E

East 800 ft	South 25° E	250	South	650
East 400 "	East 45° N	200	East	750
East 15° S 150 "	East 45° S	1200	East 21° S	800

Terminating in main line near station 108 -

Drain No. 2 - Commencing about 5 rods East of the N West corner of the N.E. 1/4 of the N.E. 1/4 sec 33

Laying and covering tile	20.00
Excavating 683 cu Rods.	86.95
	<u>106.95</u>
Cost of excavating on main line.	1880.35
Sta C to Sta 22 + 15 4 R 12" tile 532 at 1.50 per R	798.00
Laying tile and covering	54.02
Grubbing	20.00
	<u>1952.37</u>
<u>Item No. 1. (Kinross)</u>	
Sta C to Sta 8 2 Rows 10" Tile 9 Rods 1.00 per R.	96.00
Sta 8 to 22 2 " 12" " 168 " 1.50 " "	252.00
Laying and covering tile	26.40
Excavating +	216.85
Grubbing & Dredging	20.00
	<u>611.25</u>
<u>Item No. 2. Kirkeval.</u>	
Sta 0 to Sta 5, Row 12" tile 30 Rods 1.50 per R.	45.00
Laying and covering tile.	3.00
Excavating 700 Rods Excavating	116.53
	<u>164.53</u>
<u>Item No. 3. Harvey Boatman.</u>	
Sta 0 to 2 R 12" tile 4 Rods 1.50 per R.	72.00
Laying & covering tile.	4.80
Excavating 506 cu yards.	69.50
	<u>146.30</u>
Total cost of construction.	\$3950.39.

They estimate the cost of constructing the work at thirty nine hundred and ninety five (\$3950.00) dollars.

They report further that they have estimated the benefits and injury to the several tracts of land which will be affected by the work, as follows:

next Page.

4th day Sep Term 1892.

Sep 8, 1892.

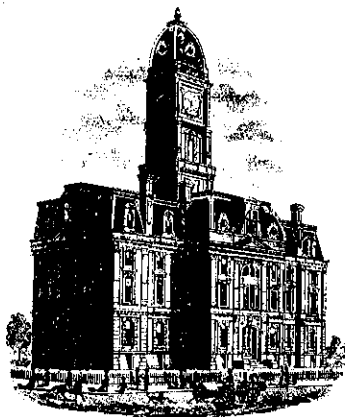
State of Indiana, Hamilton County, IN:
 We, the undersigned, Commissioners of Drainage swear that we have each personally examined each tract of land assessed for benefits and damages and the whole route of the proposed work, and that such drain is of sufficient capacity to carry, without overflowing 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 Stulker,
 James B. Baker, ^{Commissioners}

Subscribed and sworn to before me this
6th day of September, 1892, before me,
 Joel Stappord
 Clerk Circuit Court

I have read the foregoing report and find it correct and true. But not being sufficiently advised concerning the charges of commissioners herein, take said charges under advisement and day is given.

see next Page for Profile.



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 June 3, 1983

TO: Hamilton County Drainage Board

RE: Wm Thomas Drain

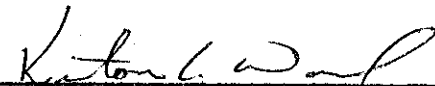
Attached is the drainage map, drainage shed map and assessment roll for the William Thomas Drain. This drain lies in Sections 20, 28 and 29 of T 20N, R 3E in Adams Township. This drain consists of tile ditch totaling 10,323 feet in length. The Thomas Drain was constructed in 1912 and it is believed that it was Arm 1 of the George Symons Drain. Although the description of Arm #1 places it further South than the Thomas, the pattern matches the Thomas and the report mentions existing tile matching the size of the Symons Arm 1. (see Ditch Repair Book 4 pg 40)

Although the lower end of this drain is in need of reconstruction I do not believe that it should be done at this time. I recommend the drain be placed on Maintenance at this time so that more investigation can be done before reconstruction begins.

With 700.54 acres in the drainage shed assessed at \$2.00/ac, \$6.00 minimum for maintenance, the total yearly assessment will be \$1,597.40.

I recommend a maintenance hearing be set for October 3, 1983 at 1:35pm.

KCW/no


Kenton C. Ward - County Surveyor