

Drain: HARRIET SHEWARD Drain #: 105
Improvement/Arm: _____
Operator: J. LIVINGSTON Date: 6-11-04
Drain Classification: Urban/Rural Year Installed: 1909

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: DARRELL SHEWARD

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	8"	1300'	1300'		2. ⁰⁰ /lf	2600. ⁰⁰
	10"	1112'	1112'		3. ⁰⁰ /lf	3336. ⁰⁰
	14"	2613'	2613'		4. ²⁵ /lf	11,105. ²⁵
OPEN DITCH	-	975'			19. ⁵⁵ /lf	19,061. ²⁵

Sum: 6000' 6000' \$36,102.⁵⁰

Final Report: 6000'

Comments:

Report examined and the Board after hearing the evidence finds that the amount of French Pines should be reduced 30.25^{sq} and ^{sq} and ^{sq} of 70, that said drain should be constructed, that Hugh Johnson be appointed contractor in consequence, and said other amounts confirmed and approved that C. M. Gearty be allowed the sum of \$300.00

REPORT OF
 COUNTY SURVEYOR
 IN THE MATTER OF THE
 Harriett Sheward et al
 DRAIN
 White-River TOWNSHIP.

FILED

JUN - 5 1909

W. A. [Signature]
 W. A. [Signature]
 804-04-268

1 1/2
 3 2
 [Handwritten diagrams and calculations]
 15 x 5 x 24
 7 5 4
 24 / 150 | 6.5
 136 -
 1504
 193
 110

STATE OF INDIANA,
HAMILTON COUNTY, SS:

IN THE MATTER OF THE Harriet Sheward Drain.

REPORT OF HUGH JOHNSON, COUNTY SURVEYOR, OF HAMILTON COUNTY, INDIANA.
TO THE HONORABLE BOARD OF COMMISSIONERS OF HAMILTON COUNTY, INDIANA.

The undersigned Surveyor of Hamilton County state of Indiana to whom was referred the above entitled petition for drainage at the regular session, May Term of the Commissioners Court, would respectfully report that as directed by the order given by the Auditor, on May ____ 1909. I made all necessary surveys and personal inspection of the lands named in the petition and all other lands likely to be affected by the proposed drain and that I would respectfully report as follows:-

That the drainage as proposed in said petition is practicable, that the same when constructed will improve the public health, and will be of public utility, that said proposed drainage will benefit one public highway in White-River Township said County and State.

That the cost of construction and expenses of effecting said proposed drainage will be less than the benefits to, the owners of lands assessed for the construction .

I would further respectfully represent and show to the Board that that the proposed drain will not exceed two miles in length and will # not cost to exceed Three Hundred Dollars exclusive of the tile that may be used there in, and that I am not interested in the said proposed drainage, and that I am not in any relation to any of the parties likely # to be affected thereby.

L O C A T I O N

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Beginning 40 Rods East of the south west corner of the north west 1/4 north west 1/4 Sec. 12 Tp. 19 N, R. 5 E. Run thence north 56° west 293 feet thence north 62° west 248 feet thence north 48° west 310 feet, thence north 75° west 293 feet, thence south 58° west 157¹³ feet, thence south 87° west 335 feet, thence north 40° west 777²⁴¹² feet, thence west 400 feet, thence south 75° west 900 feet, thence north 45° west 2000^{1312 / 688} feet, thence west 300 feet. And terminating 40 rods north and 40 rods west of the south west corner of Sec. 2 Tp. 19 R 5 E.

R E Q U I R E M E N T S

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Said Ditch to consist of one row of 8" drain tile from sta. 0 to sta. 13 and one row of 10" drain tile from station 13 to station 24+12 and one row of 12 inch drain tile from station 24+12 to station 50+25 and an open drain 1 foot wide in the bottom from station 50+25 to station 60 or terminus.

C O N N E C T I N G B O X

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At station 24+12 in line of the ditch to be constructed a connecting box to connect the lines of tile herein specified and the ones all ready in place to their common outlet. Said box to be 4 feet long inside measurement and of sufficient height and width to receive the tile to be connected. Walls of said box to be made from concrete composed of one part Portland Cement to three parts clean, sharp sand. All walls and floor of the box to be 4 inches in thickness. Box to be covered with a slab of properly reinforced concrete 3 inches in thickness and of sufficient dimensions to properly cover the box. Cover to be made in suitable form and allowed to thoroughly set before placing on the box.

O L D T I L E

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Where the line of new ditch follows old ditch the contractor shall take up the old tile and lay same on the bank to remain the property

erty of the owner of the land on which the tile are located.

C O N N E C T I N G T I L E
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At station 24+12 the contractor will be required to furnish 10 ft of 8 inch and 10 ft of 6 inch drain tile to connect a ditch that is all ready in to the connecting box.

L A Y I N G T I L E F I L L I N G D I T C H D E A D N I N G A N D E T C .
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All tile used in the construction of the ditch shall be first class, tile subject to inspection and approval of the Superintendent in charge of the work, and to be laid in the ditch in a true line with joints well matched and at proper grade as shown on the profile hereto attached and marked "EXHIBIT B" and to be left uncovered until inspected by the Superintendent. After the same have been accepted where the ditch is a new cut the trench must be filled full and where the tile is in an old open channel there must be two foot of earth over the tile, measurement to be straight across the entire open ditch.

All trees to be deadened and bushes cut for a distance of 25 feet on each side of the ditch. All work to be done in a first class and work-man-like manner and to the full satisfaction of the Superintendent in charge of the work.

GENERAL SPECIFICATIONS

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Total length of the ditch-----6000 feet

FALL ON ESTABLISHED GRADE

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From station 0 to station 50+25 20/100 foot to each 100 feet
or station and 25/100 foot to each 100 feet from station 50+25 to
station 60 or terminus.

SETIMATED COST

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Excavation -----	\$ 200.00
1300 feet of 8 inch drain tile -----	51.24
1112 " " 10 " " " -----	73.40
2600 " " 14 " " " -----	590.00
12 " " 15 " Sewer " -----	7.50
10 " " 8 " drain " -----	.25
10 " " 6 " " " -----	.25
2 " " 6 " sewer " -----	.25
2 " " 8 " " " -----	.25
2 " " 10 " " " -----	.50
1 connecting box -----	7.00
1 retaining wall 15 x 5½ x 2 -----	30.00
Laying tile filling ditch deadning & grubbing-----	50.00
	<u>\$ 810.64</u>

"Exhibit B" 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.
0	4.00			24		
1	4.57			26		
2	4.53			26		
3	4.73			27		
4	5.00			27		
5	4.30			18		
6	5.58			11		
7	5.34			11		
8	5.73			13		
9	6.14			16		
10	5.76			16		
11	6.18			16		
12	7.00			14		
13	5.62			44		
14	6.18			46		
15	6.20			46		
16	6.15			45		
17	5.99			44		
18	5.79			44		
19	5.88			44		
20	5.70			42		
21	5.52			41		
22	5.46			42		
23	5.58			40		
24	4.90			12		
25	6.48			12		
26	6.13			12		
27	6.23			12		
28	6.20			11		
29	5.73			10		
30	6.61			10		
31	6.48			10		

PROFILE PAPER.

No. of Station.	Depth of Out.	Width on Top.	Width in Bottom.	No. of Cubic Yards to be Removed.	Price per Cubic Yard.	Total Cost per Station.
32	686			11		
33	660			11		
34	653			11		
35	638			13		
36	613			13		
37	489			11		
38	687			11		
39	653			11		
40	561			11		
41	605			10		
42	591			9		
43	592			8		
44	687			7		
45	530			6		
46	526			5		
47	478			4		
48	583			4		
49	443			4		
50	505			5		
50 + 25	{ 1,78 228	<i>End of Title</i>				
51	547			5		
52	506			3		
53	383			2		
54	355			4		
55	383			2		
56	388			2		
57	389			2		
58	314			2		
59	244			1		
60	314					

No.	NAMES.	DESCRIPTION OF LANDS.	Section	Twp.	Range	Acres Assessed		Acres Benefited		Amt. of Assessm't		Totals	
						A	Hun.	A	Hun.	\$	Cts.	\$	Cts.
✓ 1	Harriet Sheward, Do Do	1/2 NW, NW, 12 DB S.E., S.E., 2 " W 1/2 SW 1				40							240 ⁰⁰
✓ 2	Frank Pierce	DB SW NW, 12				25 30							70 85
✓ 3	Ella B Moor	DB S.E., N.E., 11				30							80 ⁰⁰
✓ 4	Wm Moor est,	DB S.E., N.E., 11				7							20 ⁰⁰
✓ 5	W. & Rose Branson	DB W 1/2 SW, 1				10							15 ⁰⁰
✓ 6	Ben Finley Do Do Do	DB N.E., N.E., 11 NW, N.E., 11 DB SW, N.E., 11 " E 1/2 NW 11				35 40 25 30							343 ⁰⁰
✓ 7	Charles Finley Do Do	DB N 1/2 N.E., NW 11 " S 1/2 SW S.E., 2 " S 1/2 S.E., SW, 2				10 15 25							150 ⁰⁰
✓ 8	White River Tp	Ben L. Highway N x S through the E 1/2				20							20 ⁰⁰

State of Indiana,
Hamilton County,

ss:

The undersigned Surveyor of Hamilton County, Indiana, to whom was referred the above entitled petition for drainage, after being first duly sworn upon his oath says, that I made a personal inspection of each tract of land as set out in this report, and that I have examined the whole line and route of the proposed drain and that no other lands will be benefited than those set out in this report, and that no damages have been awarded to any person on account of said proposed drain, and that the above report is true in substance and in fact as I verily believe.

Naugh Johnson
County Surveyor

Subscribed and sworn to before me this the 5 th day of # June 1909

K. W. Cannon
Auditor of Hamilton County