

Drain: ELIZABETH LYNCH Drain #: 121
Improvement/Arm: _____
Operator: J. LIVINGSTON Date: 5-16-04
Drain Classification: Urban/Rural Year Installed: 1969

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: ELIZABETH LYNCH

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	12"	1100'	1100'		4 ⁰⁰ "/lf	4400 ⁰⁰ ==
TILE-ARM 1	8"	600'	600'		2 ⁰⁰ "/lf	1200 ⁰⁰ ==
TILE-ARM 2	6"	50'	50'		1 ⁰⁰ "/lf	50 ⁰⁰ ==
	8"	315'	315'		2 ⁰⁰ "/lf	630 ⁰⁰ ==
	10"	235'	235'		3 ⁰⁰ "/lf	705 ⁰⁰ ==
TILE-ARM 1 OF 2	7"	138'	138'		2 ⁰⁰ "/lf	276 ⁰⁰ ==
TILE-ARM 3	8"	759'	759'		2 ⁰⁰ "/lf	1518 ⁰⁰ ==

Sum: 3197' 3197' \$ 8779⁰⁰==

Final Report: * 4483'

Comments:

* 1286' OF DRAIN ABANDONED : RECONSTRUCTED DURING 1993
RECONSTRUCTION

DIRECTIONS: Elevate the metal points—align the manuscript—then bend the points down flat—dampen the paper and glue the points—then gummed flap and stick it down—this fastens the papers and binds the same.

THE GLOBE-WERNICKE LEG/L WRAPPER—Patented Feb. 11, 1890—FIRST QUALITY.

Report of
County Surveyor
In the matter of the
ELIZABETH LYNCH ET AL.
DRAIN.

Filed March 4-1909.

W. W. Conroy

4570-112

STATE OF INDIANA,
SS:
HAMILTON COUNTY,

In the matter of the
Elizabeth Lynch et al, Drain.

REPORT OF HUGH JOHNSON, COUNTY SURVEYOR, HAMILTON COUNTY, INDIANA.
TO THE HONORABLE BOARD OF COMMISSIONERS, 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, February Term of the Commissioners Court, would respectfully report that as directed by the order given by the Auditor I made on February 25th. 1909, 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 the 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 three public highways in Jackson 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 the lands assessed for the construction.

I would further respectfully represent and show to the Board 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 therein, and that I am not interested in the proposed drainage, and that I am not in any related to any of the parties likely to be affected thereby.

LOCATION.

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Main Ditch.

Beginning at a point 30 rods North and 12 rods West of the N.E. corner of the SE $\frac{1}{4}$ of Section 13, Township 20 North, Range 4 East, run thence N 45°E 555 feet, thence N3°E 445 feet, thence N50°E 1100 feet, thence N 75°E 286 feet and terminating in Cicero Creek near the SW corner of the NE $\frac{1}{4}$ of the NW $\frac{1}{4}$ of Section 18, Township 20 North, Range 5 East.

Arm No. 1.

Beginning 2 rods west and 1 rod north of the NE corner of the SE $\frac{1}{4}$ of Section 13, Township 20 North, Range 4 East, run thence N 45° W 330 feet, thence N 270 feet and terminate in Main Ditch at Station 0.

Arm No. 2.

Beginning at a point 30 rods west and 13 rods North of the NE corner of the SE $\frac{1}{4}$ of Section 13, Township, 20 north, Range 4 East, run thence North 20° East 200 feet, thence North 60° East 400 feet, and terminate in the main ditch at Station 0.

Arm No. 1 to Arm No. 2.

Beginning 25 rods North and 30 rods West of the NE corner of the SE $\frac{1}{4}$ of Section 13, Township 20 North, Range 4 East, and run thence South 75° East and terminate in Arm No. 2 at Station 3+65.

Arm No. 3.

Beginning at a point 20 rods North and 30 rods West of the SE corner of of the NE $\frac{1}{4}$ of the NE $\frac{1}{4}$ of Section 13, Township 20 North, Range 4 East, and run thence South 20° East 400 feet, thence South 10° East 359 feet, terminating in the Main Ditch at Station 11.

REQUIREMENTS.

Main Ditch to consist of one row of 12 inch drain tile from Station 0 to Station 11 and one row of 14 inch drain tile from Station 11 to Station 23+70 and one row of 15 inch sewer tile from Station 23+70 to Station 23+80 or terminus.

Arm No. 1. to consist of one row of 8 inch drain tile from Station 0 to Station 6 where same terminates in the Main Ditch.

Arm No. 2. to consist of one row of 8 inch drain tile from Station 0 to Station 0+50 and one row of 8 inch drain tile from Station 0+50 to Sta. 3+65 and one row of 10 inch drain tile from Station 3+65 to Station 6 where same terminates in Main Ditch.

Arm No. 1 to Arm No. 2. to consist of one row of 7 inch drain tile from Station 1 + 38 where same terminates in Arm No. 2.

Arm No. 3. to consist of one row of 8 inch drain tile from Station 0 to Station 7+59.

Also the contractor shall furnish 20 feet of 8 inch drain tile and connect private drain to arm No. 2 at Station 0+50 of said Arm No. 2.

STONE RETAINING WALL.

At Station 23+80 to be constructed a stone wall laid up in cement mortar mixed one part cement to two parts clean, sharp sand. Wall to be 20 feet long by $6\frac{1}{2}$ feet high and 2 feet thick and set to such grade as the Engineer may require.

LAYING TILE, FILLING DITCH AND CLEANING BANKS.

The tile 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 in charge of the work, after which they shall be covered with earth to a depth of 24 inches where the ditch follows in the old channel and where the ditch is a new cut the trench is filled full. All trees shall be deadened and bushes cut and disposed of for a distance of 25 feet on each side of the ditch.

FALL OF ESTABLISHED GRADE.



Main Ditch.

From Sta. 0 to Sta. 10 87/100 foot to each 100 feet.
 " " 10 " " 23+80 70/100 foot to each 100 feet.

Arm No. 1.

From Sta. 0 to Sta. 6 63/100 foot to each 100 feet.

Arm No. 2.

From Sta. 0 to Sta. 6 68/100 foot to each 100 feet.

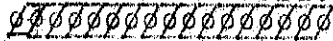
Arm No. 1 to Arm No. 2.

From Sta. 0 to Sta. 1+38 40/100 foot to each 100 feet.

Arm No. 3.

From Sta. 0 to Sta. 7+59 1.72/100 foot to each 100 feet.

ESTIMATED COST.



859 cubic yards excavation,	\$171.80
1270 feet 14 inch drain tile,	\$190.50
10 feet 15 inch sewer tile,	\$ 4.00
1100 feet 12 inch drain tile,	\$104.50
600 feet 8 inch drain tile for Arm No. 1.	\$ 28.80
50 feet 6 inch drain tile for Arm No. 2.	\$ 1.50
315 feet of 8 inch drain tile for Arm No. 2.	\$ 15.12
20 feet of 6 inch drain tile for private drain	\$.60
235 feet of 10 inch drain tile for Arm No. 2.	\$ 16.75
138 feet of 7 inch drain tile for Arm No. 1 to Arm No. 2.	\$ 5.00
759 feet of 8 inch drain tile for Arm No. 3.	\$ 36.43
Stone wall 20X2X6½ at Station 23+80,	\$ 25.00
Laying tile, filling ditch, deadning & etc.,	\$ 75.00
Total,	\$675.00

6202

PROFILE PAPER.

Main Ditch.

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 50					
1	3 13			19		
2	2 75			17		
3	4 40			20		
4	3 71			23		
5	3 92			22		
6	4 17			23		
7	6 01			29		
8	3 89			28		
9	3 84			21		
10	3 50			20		
11	3 59			20		
12	3 41			20		
13	3 42			19		
14	3 59			19		
15	4 20			22		
16	3 79			23		
17	3 01			19		
18	3 05			17		
19	2 90			17		
20	2 90			17		
21	2 80			16		
22	2 98			17		
23	3 98			20		
23+80	4 43			23		
				Stone wall at end of tile.		

PROFILE PAPER.

Arm No. 1 of Main Ditch.

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 00					
1	4 55			21		
2	3 87			24		
3	4 05			22		
4	3 55			22	63 $\frac{1}{2}$ /100 fall.	
5	3 05			19		
6	3 50			19	Same as Sta. 0 Main Ditch.	
Arm No. 2 of Main Ditch.						
0	3 00					
1	2 74			16		
2	2 85			16		
3	3 30			17	86 $\frac{1}{2}$ /100 fall.	
4	2 99			18		
5	2 42			15		
6	3 50			17	Same as Sta. 6 Main Ditch.	
Arm No. 1 to Arm No. 2.						
0	2 73					
1	2 69			15	40/100 fall.	
1+58	2 31			6	Enters Arm No. 2 at Sta. 3+55.	
Arm No. 3 of Main Ditch.						
0	2 89					
1	1 77			13		
2	2 93			13		
3	3 35			18		
4	3 36			19	1.72/100 fall.	
5	3 06			18		
6	2 34			15		
7	2 66			14		
7+59	3 57			11	Enters Main Ditch at Sta. 11.	

No.	NAMES.	DESCRIPTION OF LANDS.	Section	Tp.	Range	Acres Assessed		Acres Benefited		Amt. of Assessm't		Totals	
						A	Hun	A	Hun	\$	Cts.	\$	Cts.
1	Elizabeth Lynch	Pt. SW	NW18	205		30							
	Do.	" SE	NW18	205		8							
	Do.	" NW	NW18	205		10				180	00		
2	J.H. Hockenberry Heirs	" SW	NW18	205		10							
	Do.	" SE	NE12	205		2				27	05		
3	Micheal Mosbaugh	" SW	SW18	205		3				4	45		
4	Robt. C. Thomas	" NW	SW18	205		20				48	80		
5	Guy Booth	" NE	SE13	204		23				56	20		
6	Henry Martin	" NE	SE13	204		15				36	85		
7	Elizabeth Berg	" SE	NE13	204		39.3							
	Do.	" NE	NE13	204		34.2							
	Do.	" NW	NW18	205		4				216	00		
8	Peter Yarling	" SW	NE13	204		37.9							
	Do.	" E $\frac{1}{2}$	NW13	204		6							
	Do.	" NW	NE13	204		30				109	60		
9	J.H. Flannigan	" NE	NW13	204		.5				1	50		
10	Fred Essig	" SE	NW13	204		3							
	Do.	" NW-SE & Pt NE-SW	13	204		4.75				11	50		
11	John Rawlings & Wife	" NW	SE13	204		2.50				3	70		
12	David Bradburn	" NW	SE13	204		8.50				12	60		
13	C. L. Endicott	" SW	SE12	204		6				8	85		
14	Indiana Union Traction Co.	Right-of-way thru	13	204						32	00		
15	L.B. & W. Railroad Co.	Right-of-way through	13	204						8	00		
16	Jackson Township	Range line between	13/18	204/5									
	Do.	Highway thru N $\frac{1}{2}$	13	204						20	00		

~~777 10~~
~~740 50~~
~~36 60~~

State of Indiana,
ss:
Hamilton County,

The undersigned 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 he made personal examination of each tract of land assessed for benefits and injuries in the foregoing report, and that he has examined the whole line and route of the proposed drain, that the assessments herein made and reported are just and equitable to all parties named therein as interested; that no other lands will be benefitted or injured by said proposed drain; that the above and foregoing report is true in substance and in fact as I verily believe.



Surveyor Hamilton County.

Subscribed and sworn to before me this the 4 day of March, 1909.



Auditor Hamilton County.