

Drain: SARAH MORGAN Drain #: 143
Improvement/Arm: _____
Operator: J. LIVINGSTON Date: 4-22-04
Drain Classification: Urban/Rural Year Installed: 1910

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

J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston
J. Livingston

Gasb 34 Footages for Historical Cost Drain Length Log

Drain-Improvement: SARAH MORGAN

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable:	
					Price:	Cost:
TILE	8"	140'	140'		2.00/lf	280.00

Sum: 140' 140' 280.00

Final Report: _____

Comments:

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

DIRECTIONS: Elevate the metal points - attach the manuscript - then bend the points down flat - dampen the gummed flap and stick it down - the fastens the papers and hides the metal.

Sarah E. Morgan
Witch.

Witch ordered certified
John B. Mackin Esq
March 4 - 1910
To the Clerk P. B.

FILED

FEB 16 1910

Geo Griffin
Auditor

STATE OF INDIANA

SS:

HAMILTON COUNTY

IN THE MATTER OF THE SARAH E. MORGAN DRAIN.

REPORT OF DRAINAGE COMMISSIONERS AND ENGINEER.

TO THE HONORABLE BOARD OF COMMISSIONERS, HAMILTON COUNTY, INDIANA.

The undersigned Commissioners of Drainage, to whom was referred the above entitled petition for the drainage of certain lands in Fallcreek Township, Hamilton County, Indiana, would respectively report and show to the Board that as directed by the order and mandate of said Board they hereby submit this report.

That as shown by said report they have definitely determined the best and cheapest method of draining said lands; they have fixed the route, location and character of the proposed work and fixed the same by metes and bounds, courses, distances and descriptions, grade and bench marks so as to provide for the complete drainage of the lands to be affected by the proposed work. That they have divided the ditch or drain into sections, each not more than one hundred feet in length, that they have computed and set out the number of cubic yards of excavation in each station and they have assessed the benefits and damages as the case may be, to each separate tract of land and to the proper Township where highways were benefited; that they have fixed the beginning and outlet of said drain or ditch so as to secure the best results; that they have run the lines of said ditch so as to secure the best results and cause the least possible injury to the lands affected and so as to benefit the public highway; that said drain when completed will be practicable; that the public health will be improved; that a number of places in the highway will be benefited; that the ditch will be of public utility and that the cost, damages and expenses of completing the work will be less than the benefits to the owners of the lands likely to be assessed for the construction.

L O C A T I O N .

Commencing 966 feet North and 50 feet East of the south east corner of the Southwest Quarter of the Northeast Quarter of Section 3. Township 17 North Range 5 East; and run thence S 75° W 200 feet, thence West 700 feet, thence N 52° W 358 feet, thence N 30° W 482 feet. thence N 34° W 400 feet, thence N 54° W 100 feet, and terminating in MUDCREEK about 600 feet west and 300 feet north of the Northwest corner of the Southwest Quarter of the Northeast Quarter of said Section 3 Township and Range above described.

The established FALL OF THE GRADE IS AS FOLLOWS.

1.35/100' per 100 ft. From Station 0 to Station 9.
50/100' per 100 ft. " " 9 to " 15.
30/100' per 100 ft. " " 15 to " 22+40' or terminus.

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

Ditch to consist of one row of 8 inch tile from station 0 to station 9, one row of 12 inch tile from station 9 to station 22+40 or terminus.

A

All tile used in the construction of this ditch shall be of good quality and subject to inspection and approval by the superintendent in charge of the work, they shall 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 left uncovered until inspected and accepted by the superintendent, after having been accepted they shall be covered to the depth of the channel.

All trees to be deadened and bushes cut for a distance of 25 feet on each side of the ditch.

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

At station 9, there is to be constructed a connecting box of concrete, the box to be 3 feet long, 3 feet wide, and $4\frac{1}{2}$ feet high, and to be constructed of a mixture of one part Portland cement to three parts clean sand and gravel and to be built in forms that will receive the tile at each end of the box, 18 inches above the concrete bottom.

The side walls and bottom of said box to be 4 inches thick.

The top of said box to be left open, except that it is to be covered with corrugated iron bars, to be laid across the top each way, leaving square meshes 3 inches square, and the same to be imbeded in the top of the concrete walls.

R E T A I N I N G W A L L .

At station 22+40 feet, or terminus of said ditch to be constructed a retaining wall built of concrete or field rock, dimensions of same to be 20 X $7\frac{1}{2}$ X 2 feet; If built of rock, it shall be laid up in mortar made of one part Portland cement to three parts of clean sharp sand, and so constructed as to receive the tile at proper grade 18 inches above the base of the wall. If of concrete it shall consist of one part Portland cement to five parts clean sand & gravel.

---E-S-T-I-M-A-T-E-D C-O-S-T.

422 cubic yards excavation,-----\$105.50
900 feet of 8 inch tile,----- 55.20
1340 feet of 12 inch tile,-----160.30
Stone wall at station 22+40 feet,----- 30.00
Concrete connecting box,----- 10.00
Laying tile , filling ditch, etc.,----- 12.00

Total Cost \$373.00

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.
	SARAH E.	MORGAN	et al	DRAIN.		
BM	2.58	Willow	west of road	15ft. s.	Sta. 0+85	(Elev. 30.00)
0	3.13					
+ 40	2.28					
+50	5.20				Cent. of road.	
1.	3.03			20		
2.	3.08			17		
3.	3.27			18		
4.	3.38			18		
5.	3.65			19		
6.	2.98			18		
7.	2.81			16		
8.	3.61			18		
bm. BM.	3.59	Elev. (20.44)	Elm 30'	S. of	Sta. 8+65	
9.	3.00			18		
10.	3.85			20		
11.	4.19			20		
12.	3.51			22		
+ 58'	3.60					
13.	3.55			20		
14.	3.53			20		
15.	3.68			20		
16.	3.23			12		
17.	2.94			14		
18.	2.37			15		
19.	2.81			15		
20	3.81			18		
21.	4.70			24		
+ 40	4.96					
22.	5.49			28		
+ 40	5.74			12		
				422.		

No.	NAMES.	DESCRIPTION OF LANDS.	Section	Twp.	Range	Acres Assessed		Acres Benefited		Amt. of Assessment		Totals	
						A	Hur.	A	Hur.	\$	Cts.	\$	Cts.
	SARAH E. MORGAN.	Pt. NW $\frac{1}{4}$ NE $\frac{1}{4}$	3	175				4		23	24		
	Do.	" SW. NE.	3	175				38		137	80		
	Do.	" SE. NW	3	175				5		29	05		
	Do.	S SW $\frac{1}{4}$ NW $\frac{1}{4}$	3	175				3		17	43	207	52
	AUGUSTUS BROOKS.	Pt. NE $\frac{1}{4}$ NE $\frac{1}{4}$	3	175				5		10	00		
	Do.	" SE $\frac{1}{4}$ NE $\frac{1}{4}$	3	175				39		77	66		
	Do.	" SW $\frac{1}{4}$ NE $\frac{1}{4}$	3	175				2		3,322		90	98
	T.A. RICHARDS.	Pt. W $\frac{1}{2}$ NW $\frac{1}{4}$	2	175				5		10	00	10	00
	SAMUEL TRITTIPO Est.	Pt. S NW $\frac{1}{4}$	2	175				4		8	64		
	Do.	" NW $\frac{1}{4}$ SW $\frac{1}{4}$	2	175				1		1	66		
	Do.	" NE $\frac{1}{4}$ SE $\frac{1}{4}$	3	175				45		74	70		
	Do.	" SW $\frac{1}{4}$ SE $\frac{1}{4}$	3	175				15		24	90	109	90
	J.W. TRITTIPO	Pt. NW $\frac{1}{4}$ SE $\frac{1}{4}$	3	175				10		16	60	16	60
	FALLCREEK TOWNSHIP	Public Highway N&S Thru NE $\frac{1}{4}$	3	175						15	00	15	00
													450.00

State of Indiana,
Hamilton County, SS:

The undersigned Viewers and Engineer to whom was referred the above entitled petition for report, after being first duly sworn upon his oath, says that they have personally examined the whole line and route of the proposed drain, 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 benefited or injured by the proposed drain: that the above and foregoing report is true in substance and in fact as we verily believe.

John B. Haspkins
E. F. Klepper
Viewers.

W. J. Warrington
Engineer.

Subscribed and sworn to before me this the 16th. day of February, 1910.

Geo Griffin
Auditor Hamilton County.