

Drain: Sm Smith Drain #: 153
Improvement/Arm: _____
Operator: J. Livingston Date: 6-18-03
Drain Classification: Urban/Rural Year Installed: 1882

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

JWS
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Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: S. M. SMITH

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
TILE	7"	2960'			2.00/ft	5920.00
OPEN DITCH	—	5970'			19.55/ft	116,713.50

Sum: 8930' \$122,633.50

Final Report: _____

Comments: _____

No 5322

Report of Commissioners.

FAVORABLE.

J. M. Smith drawing

m.

1882

7

Put in ... & ...
... to ...

1882

Refer to ...

Filed Sept 23^d, 1882

J. R. Christian

Clerk Circuit Court.

Wm. B. Burford, Printer, Indianapolis.

REPORT OF COMMISSIONERS.

To the Honorable Judge of the Hamilton Circuit Court:

The undersigned, Commissioners of Drainage, to whom was referred the petition of S. M. Smith for the drainage of of the east half of the North West quarter of section 3 Township 18 North Range 3 East

in Hamilton County, respectfully report that 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 improve the public health of that neighborhood, will benefit one or more public highways and will be of public utility in the county, and that the same can be accomplished at an expense less than the aggregate benefits to the lands to be affected thereby and after causing the necessary surveys and examinations to be made they determined that the method of drainage should be as follows, to wit:

See page of this report.

They estimate the cost of constructing the work at five hundred & seventy five dollars. They further report that they have estimated the benefits and injury

to the several tracts of land which will be affected by the work, as follows:

OWNERS.	DESCRIPTION.	S.	T.	R.	Acres.	Injury.	Benefit.
S. M. Smith	S. E. 1/4 N. W. 1/4	3	18	3	40		\$145
Sevi Cloud	N. E. 1/4 S. W. 1/4	3	18	3	40		80
Sevi Cloud	N. W. 1/4 S. W. 1/4 except 3 acres on the north side thereof and the school lot in the S. W. cor thereof	3	18	3	36 1/2		75
Henry B. Hill	S. W. 1/4 N. E. 1/4	3	18	3	40		30
Anna H. Sosy	N. W. 1/4 N. E. 1/4 except 1/2 acre in the N. W. cor thereof	3	18	3	34		10
Silburn White	S. W. 1/4 N. W. 1/4	3	18	3	40		70
Silburn White	S. E. 1/4 N. E. 1/4 except 4 acres off the N. W. cor thereof	3	18	3	36		25
Silburn White	N. E. 1/4 S. E. 1/4	4	18	3	40		40
Silburn White	S. E. 1/4 S. E. 1/4	4	18	3	40		15
Silburn White	3 acres off of the North side of N. W. 1/4 S. W. 1/4	3	18	3	3		9
Asa Cook	S. E. 1/4 S. W. 1/4 N. E. 1/4	4	18	3	20		15
Allen Barker Est	N. W. 1/4 N. E. 1/4	4	18	3	36		15
x Allen Barker Est Rebecca & Mansur Moore	N. E. 1/4 S. W. 1/4 N. E. 1/4 Part W. 1/2 S. E. 1/4 down at N. W. cor of said tract runs E. 31 rods, S. 31 rods, W. 31 rods, N. 31 rods to begin	4	18	3	6		5
Absalom Ballard	S. W. 1/4 S. E. 1/4	4	18	3	40		20

All of which is respectfully submitted.

Commissioners.

Owner	Description	Section	Range	Acres	Assessing Benefits
1					
2	Asahon Ballard	N. 1/2 Sec 18	3		
3	except 2 1/2 acres corner at NW cor. of said tract				
4	run S. 31 rods E. 31 rods N. 31 rods W. 31 rods to begin			34	\$20
5	Ellie Roberts	S. 1/2 Sec 18	3	40	25
6	Li. B. Rowman	S. 1/2 Sec 18	3	35	10
7	Thomas Gilpin	N. 1/2 Sec 18	3		
8	Sec 18 except that part lying West of travel road All that part of the N. 1/2 Sec 18 lying South of the N. 1/2 Sec 18			6	12
9	Thomas Gilpin	N. 1/2 Sec 18	3	36	10
10	Henry Stouch	Part of N. 1/2 Sec 18	3		
11	containing 8 rods South of the NW cor. of said tract run S. 3 rods 2 1/4 W. 20 rods N. 3 rods 2 1/4 to 20 rods to begin			4 3/4	8
12					
13					
14	Washington Township Public Highway				
15	running North and South through the separating Sections 3 & 4			18 3	15
16					
17	Washington Township Public Highway				
18	running North and South through the center of			4 18 3	15
19					
20					
21					
22					
23					
24					
25					
26					
27					
28					
29					
30					
31					
32					
33					

By the construction of a ditch commencing
4 rods North of the S.E. corner of the North West
quarter of Section 3 Township 18 North Range
3 East and running thence S. 30° W. 850 feet, thence
West 3200 feet, thence S. 55° W. 800 feet, thence 84° W.
800 feet, thence N. 46° W. 250 feet, thence N. 31° W. 1580
feet, thence N. 72° W. 450 feet, thence West 300 feet
thence N. 55° W. 70 feet, thence West 750 feet and
terminates 700 feet West of the North East corner
of the South West quarter of the North West quarter
of Section 4 Township 18 North Range 3 East.

They determined also that the first 850 feet of
said ditch should be tiled with one tier of seven
inch tile that the tiled portion of said ditch
should be $2\frac{5}{8}$ feet deep at the beginning and $3\frac{5}{8}$
at its terminus and of uniform fall from the
beginning to the terminus.

They determined also that the open portion of
said ditch should be constructed as set forth
in the following tabular statement. Said statement
giving the depth of cut and width at the bottom and
at the top of said ditch at the beginning and
the terminus and at the end of each 100
feet thereof and also the number of cubic
yards of earth to be removed from each
section of 100 feet, the estimated cost per
cubic yard, the cost per section, the
total number of cubic yards of earth
to be removed and the total cost of removing
the same.

West for Section	North of Section	East for Section	South of Section	Area	Price
0	3.5	1.0	8.0	324.0	1.0 9.0 48.126 48.00
1	3.7	1.0	8.4	334.6	1.0 10.2 44 550
2	3.8	1.0	8.6	344.4	1.0 9.8 48 600
3	3.6	1.0	8.2	355.6	1.0 12.2 54 675
4	2.8	1.0	6.6	364.8	1.0 10.6 56 700
5	4.5	1.0	10.0	374.4	1.0 9.8 80 1000
6	5.8	1.0	12.6	383.7	1.0 8.4 64 800
7	3.9	1.0	8.8	394.2	1.0 9.4 52 650
8	5.4	1.0	11.8	401.8	1.0 4.6 44 550
9	3.4	1.0	7.8	415.4	1.0 11.8 50 625
10	3.0	1.0	7.0	424.7	1.0 10.4 88 1100
11	3.3	1.0	7.6	433.9	1.0 8.8 54 675
12	3.4	1.0	7.8	443.6	1.0 8.2 66 825
13	4.5	1.0	10.0	453.3	1.0 7.6 56 700
14	4.8	1.0	10.6	464.5	1.0 10.0 36 450
15	4.8	1.0	9.6	474.5	1.0 10.0 46 575
16	3.8	1.0	8.6	485.8	1.0 8.6 56 700
17	3.2	1.0	7.4	498.6	1.0 8.2 38 475
18	4.2	1.0	9.4	509.4	2.0 10.8 42 525
19	5.0	1.0	11.0	514.2	2.0 10.4 44 550
20	4.6	1.0	10.2	528.0	2.0 8.0 42 525
21	4.3	1.0	9.6	534.0	2.0 10.0 40 500
22	3.8	1.0	8.6	543.2	2.0 8.4 24 300
23	4.3	1.0	9.6	554.5	2.0 11.0 24 300
24	4.6	1.0	10.2	564.8	2.0 10.6 24 300
25	4.2	1.0	9.4	573.6	2.0 9.2 24 300
26	4.4	1.0	9.8	583.6	2.0 9.2 24 300
27	4.4	1.0	9.8	593.2	2.0 8.4 24 300
28	4.0	1.0	9.0	603.4	2.0 8.8 24 300
29	6.2	1.0	13.4	614.2	2.0 10.2 24 300
30	5.4	1.0	11.8	622.5	2.0 7.0 24 300
31	5.1	1.0	11.2	635.0	2.0 12.0 24 300
32	5.1	1.0	11.2	635.0	2.0 12.0 24 300
33	5.1	1.0	11.2	635.0	2.0 12.0 24 300

2022 \$25275

1388 \$173.50
 75.00
 55.00
 100.00
 25

1	64 4.0 2.0 10.0 2.4 12.0 3.00	524	\$657.50
2	65 3.9 2.0 9.8 2.4 11 3.00	1388	1731.50
3	66 3.2 2.0 8.4 2.4 11 3.00	2022	2521.75
4	67 4.2 2.0 10.4 2.4 11 3.00	3934	\$4911.75
5	68 5.0 2.0 12.0 2.4 11 3.25		
6	69 4.8 2.0 11.6 2.8 11 3.50		
7	70 4.9 2.0 11.8 3.0 11 3.75		
8	71 4.5 2.0 11.0 3.4 11 4.25		
9	72 4.9 2.0 11.8 3.4 11 4.25		
10	73 3.4 2.0 8.8 3.6 11 4.50		
11	74 4.2 2.0 10.4 3.6 11 4.50		
12	75 4.1 2.0 10.2 3.6 11 4.50		
13	76 3.5 2.0 9.0 3.4 11 4.25		
14	77 2.9 2.0 7.8 3.2 11 4.00		
15	78 3.6 2.0 9.2 3.6 11 4.50		
16	79 3.8 2.0 9.6 3.6 11 4.50		
17	80 1.7 2.0 5.4 3.0 11 3.75		
18	524	\$657.50	

They estimate the whole number of cubic yards of earth to be removed from said ditches to be 3934 and the total cost of removing the same to be \$4911.75

They estimate the cost of cutting the tile ditches at	12.00
Cost of 5 1/2 rods of 7 inch tile	43.75
Cost of hauling tile	31.00
Cost of putting in tile	1.25
Cost of covering tile	51.00
For hauling the points of said ditches	20.00
Total cost of construction	\$576.75

They would further specify that the banks of said ditch should be cut smooth and of uniform slope and the earth excavated therefrom be deposited not nearer than two feet from the top

of the banks.

They would further report that the following named persons are entitled to fees for services in the matter as follows, to wit:

Frank Wells, Rodman 1 da \$1.50

S. M. Smith, axman 1 da 1.50

Percy Smith chairman 1 da 1.50

Wm Moon chairman 1 da 1.50

They claim fees for services in the matter as commissioners of drainage as follows, to wit:

Samuel B. Wells as commissioner 4 da \$12.00

James Sanders as commissioner 2 da 6.00

James Sanders as engineer 2 da 10.00

All of which is respectfully submitted

James Sanders (Commissioners)
Samuel B. Wells

STATE OF INDIANA,

County,

ss:

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.

James Sanders
Samuel B Wells

Commissioners.

Subscribed and sworn to by said Commissioners, this 23rd day of September, 1882, before me.

J R Christian

Clerk Circuit Court.

Ditch, by *Chas. H. Wann.*

County Surveyor,

July 21, 1914.

FINAL SPECIFICATIONS DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE

Depth at Cut	Width at Bottom	DESCRIPTION OF THE MANNER IN WHICH THE WORK SHALL BE DONE
		89 30 8 50 80 80

(S. M. Smith, Allotment: 2110 feet exempted by Tiling the Allotment)
 (Note: 850 feet of this Ditch was Tiled in Construction)
 Sta 29+60 The End of tile E side of Road

Ditch to be repaired by removing all mud, slush, stone and set to grade of ditch same to be deposited not nearer than two (2) feet from break of bank
 All shrubs, bushes, briars, logs and set to be moved from limits of ditch
 Ditch to be one (1) foot ^{wide in bottom.} from station 29+60 to station 47+00
 From station 47+00 to station 89+30 two (2) feet wide in bottom. (Mar 9-1931)