





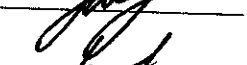


Drain: McMATHON ? OVERDORF Drain #: 69
Improvement/Arm: _____
Operator: J. LIVINGSTON Date: 3-27-04
Drain Classification: Urban ~~Rural~~ Year Installed: 1882

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 

**Gasb 34 Footages for Historical Cost
Drain Length Log**

Drain-Improvement: McMAHON & OVERDORF

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price:	Cost:
TILE	15"	973'	973'		5. ⁰⁰ /lf	4865. ⁰⁰
OPEN DITCH	-	569'	569'		19. ⁵⁵ /lf	11123. ⁹⁵
* TILE - JR CHRISTIAN (ARM 1)	2x7"	100'	100'		2. ⁰⁰ /lf	400. ⁰⁰

Sum: 1642' " " 1642' \$ 16,389.⁹⁵

Final Report: _____

Comments:

OUTLET MOVED AND RECONSTRUCTED FOR SR 37 CONSTRUCTION AND THEN WIDENING. OPEN DITCH ALSO REALIGNED. NO PLANS OR ASBUILTS ON FILE. CHANGES MADE BASED ON AERIAL PHOTOGRAPHY AND LENGTHS MEASURED IN G.I.S.
* ARM 1 IN SURVEYOR'S REPORT (2-10-2003) IS ACTUALLY MAIN JR CHRISTIAN DITCH. DRAIN BECAME McMAHON & OVERDORF IN 1912 WHEN RECONSTRUCTED. ARM 1 OF THE JR CHRISTIAN BECAME MAIN DITCH OF McMAHON & OVERDORF. 100' OF JR CHRISTIAN MAIN DITCH WILL REMAIN FOLLOWING RECONSTRUCTION. SURVEYOR'S REPORT NOTES THAT 400' WILL BE VACATED, BUT BASED ON COVER)

JR CHRISTIAN LEGAL DESCRIPTION & LOCATION OF INTERCEPTION
BY NEW STORM SEWER FOR NOBLESVILLE BUSINESS PARK
(SEE PLANS ATTACHED) THERE WILL ACTUALLY BE 1500'
VALATED. GIS REFLECTS THIS CHANGE.

No. 5363

Report of Commissioners.

FAVORABLE.

J. R. Christians et al
Ditch

FILED

OCT 5 1882

J. R. Christians

Clerk Circuit Court.

Filed *October 3*, 1882

J. R. Christians
Clerk Circuit Court.

Wm. E. 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 J. B. Christian, D. B. Christian & Geo. S. Christian for the drainage of the S. E. qr of the N. W. qr and the S. W. qr of the N. E. qr and the N. W. qr of the S. E. qr of Section 18 Township 18 North Range 5 East also the N. W. qr of the S. W. qr and 10 acres off of the North end of the S. W. qr of the S. W. qr of Section 17 Township 18 North Range 5 East, also 15 acres off of the South end of the North West quarter South West quarter, and 10 acres off of the North end of the N. W. qr of the South West quarter of Sec. 17 Township 18 North Range 5 East, also the S. W. qr of the S. W. qr of Section 17 Township 18 North Range 5 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 public highway 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 3 of this report.

They estimate the cost of constructing the work at four hundred and 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.
H.F. W. J. R. Christian	S. E. 1/4 N. E. 1/4	18	18	5	40		\$10.00
J. R. Christian	S. W. 1/4 N. E. 1/4	18	18	5	40		60.00
J. R. Christian	N. W. 1/4 S. E. 1/4	18	18	5	40		70
J. R. Christian	N. W. 1/4 S. W. 1/4	17	18	5	40		60
J. R. Christian	10 acres off the North end of the S. W. 1/4 S. W. 1/4	17	18	5	10		35
Asa Dunning	N. E. 1/4 S. E. 1/4	17	18	5	40		140
H. L. N. Hannah Jackson	S. E. 1/4 S. E. 1/4	18	18	5	40		5
J. R. Christian	30 acres off the South side of the S. W. 1/4 S. W. 1/4	17	18	5	30		60
J. R. Christian	13 acres off of the North end of the N. W. 1/4 N. W. 1/4	20	18	5	13		15
George S. Christian	10 acres off of the North side of the N. W. 1/4 S. W. 1/4	17	18	5	10		45
George S. Christian	15 acres off of the South side of the S. W. 1/4 N. W. 1/4	17	18	5	15		40
Eliza J. R. Christian	25 acres off of the North end of the S. W. 1/4 N. W. 1/4	17	18	5	15		1.5
Lumberland Gravel Road Company	Lumberland Gravel Road						40

All of which is respectfully submitted.

} Commissioners.

By the construction of a ditch commencing 24 rods South and one rod East of the South East corner of the North East quarter of Section 18 Township 18 North Range 5 East and running thence S. 41° W 600 feet, thence S. 58° W 100 feet, thence West 100 feet, thence N. 56° W 800 feet, thence S. 63° W 100 feet, thence S. 42° W 100 feet, thence N. 86° W 260 feet, thence N. 47° W 240 feet, thence N. 65° W 340 feet, thence North 100 feet, thence N. 30° W 680 feet, thence West 252 feet and terminating 35 rods South of the North West corner of the South West quarter of the North East quarter of Section 18 Township 18 North Range 5 East.

Also by the construction of Arm No. 1 to said ditch commencing 25 rods North and one rod East of the South East corner of the North East quarter of the South East quarter of Section 18 Township 18 North Range 5 East and running thence West 300 feet, thence N. 70° W 112 feet and terminating in the main ditch at Stake Six.

Also by the construction of Arm No. 2 to said ditch commencing 2½ rods North and one rod East of the South East corner of the North East quarter of the South East quarter of Section 18 Township 18 North Range 5 East, and running thence West 100 feet, thence N. 60° W 150 feet, thence N. 18° W 400 feet and terminating 25 feet below Stake 3 in Arm No. 1.

They also determined that the first 600 feet of the main ditch should be tiled with two tiers of seven inch tile, and that Arm No. 1 to said ditch should be tiled with one tier of six inch tile and to 25 feet below Stake 3 on said arm, and with two tiers of seven inch tile and one tier of six inch tile from 25 feet below Stake 3 on said Arm.

to the terminus of the same; and that Arm No 2 of said ditch should be tiled with two tiers of seven inch tile; and that the remainder of said ditch should be an open ditch.

The following is a tabular Statement of the Depth of cut and the widths at the bottom and at the top of said ditch and its arms, at the beginning and the terminus and at the ends 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 of removing the same, the cost per section of 100 feet, the total number of cubic yards of earth to be removed and the total cost of removing the same.

No of Station	Depth of cut	Width at bottom	Width at top	No of cubic yards	Cost per cubic yard	Cost per Section	No of Station	Depth of cut	Width at bottom	Width at top	No of cubic yards	Cost per cubic yard	Cost per Section
0	5.0	1.5	1.5				18	4.1	1.0	7.2	66.12	8.25	
1	5.1	1.5	1.5	24	12.5	3.00	19	3.4	1.0	7.8	66	8.25	
2	5.1	1.5	1.5	24	11	3.00	20	3.5	1.0	8.0	56	7.00	
3	5.2	1.5	1.5	24	11	3.00	21	3.5	1.0	8.0	58	7.25	
4	5.7	1.5	1.5	26	11	3.25	22	3.4	1.0	7.8	56	7.00	
5	5.2	1.5	1.5	26	11	3.25	23	2.6	1.0	6.2	44	5.50	
6	3.3	1.5	1.5	22	11	2.75	24	3.0	1.0	7.0	44	5.50	
7	4.3	1.0	9.6	88	11	8.50	25	3.0	1.0	7.0	44	5.50	
8	3.9	1.0	8.8	78	11	9.50	26	3.0	1.0	7.0	44	5.50	
9	4.3	1.0	9.6	76	11	9.50	27	3.0	1.0	7.0	44	5.50	
10	4.9	1.0	10.8	94	11	11.75	28	3.3	1.0	7.6	48	6.00	
11	4.6	1.0	10.2	100	11	12.50	29	2.5	1.0	6.0	40	5.00	
12	4.0	1.0	9.0	84	11	10.50	30	5.2	1.0	11.4	68	8.50	
13	5.2	1.0	11.4	94	11	11.75	31	3.4	1.0	7.8	84	10.50	
14	4.2	1.0	9.4	100	11	12.50	32	4.0	1.0	9.0	64	8.00	
15	4.2	1.0	9.4	80	11	10.00	33	3.6	1.0	8.2	68	8.50	
16	3.4	1.0	7.8	68	11	8.50	34	2.8	1.0	6.6	50	6.25	
17	3.4	1.0	7.8	56	11	7.00	35	3.4	1.0	7.8	36	4.50	
							36	2.6	1.0	6.2	00	0.00	
							37	2.0	1.0	5.0	00	0.00	
							37	2.0	1.0	5.0	00	0.00	
							37	2.0	1.0	5.0	00	0.00	

NOTE
1042 \$130.25

780 \$120.50

Arw No 1	1242	130125
0 3.4 1.0 1.0	980	122.50
	50	61.25
1 2.8 1.0 1.0 12.12 20 \$1.50	136	17.00
	2208	\$276.00
2 3.3 4.0 1.0 12.11 1.50		
3 3.3 1.0 1.0 12.11 1.50		
2.3 2.3		
4 3.1 2.3 2.3 12.11 1.50		
4.12 3.3 2.3 2.3 12.11 25		
	50	\$62.50

Arw No. 2		
0 4.0 1.5 1.5		
1 2.8 1.5 1.5 20.12 20 \$2.50		
2 4.2 1.5 1.5 20.11 2.50		
3 4.3 1.5 1.5 24.11 3.00		
4 3.7 1.5 1.5 22.11 2.75		
5 3.8 1.5 1.5 20.11 2.50		
6 2.7 1.5 1.5 20.11 2.50		
6.50 3.3 1.5 1.5 10.11 1.25		
	136	17.00

They estimate the total number of cubic yards of earth to be removed to be 2208

They estimate the cost of removing the same at \$276.00

They estimate the cost of grubbing the roots of said ditch at \$35.00

Cost of 162 rods 6 inch tile 8 cts \$129.60

Cost of 25 rods 6 inch tile 6 cts 15.00

Cost of hauling tile 10.00

Cost of putting in tile 5.00

Cost of covering tile 5.00

Total cost of construction \$475.60

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.

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

4 George Christian apman 1 da	\$1.50
5 G. B. Christian apman 5 da	7.50
6 Winfield Alfred chairman 1 da	1.50
7 Frank P. Christian 1 da	1.50

10
11 They claim fees for services in the matter
12 as commissioners of drainage as follows, to wit:

13 James A. McMullen as commissioner 3 da	\$9.00
14 S. B. Wells as commissioner 4 da	\$12.00
15 James Sanders as commissioner 2 da	6.00
16 James Sanders as engineer 2 da	10.00

17
18
19 All of which is respectfully submitted.

20 James Sanders
21 James A. McMullen Commissioners
22 Samuel S. Wells

STATE OF INDIANA,

Hamilton 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
James M. McMillan
Samuel S. Wells } Commissioners.

Subscribed and sworn to by said Commissioners, this 3 day
of October, 1882, before me. *J. R. Richardson*

Clerk Circuit Court.

→ J. M. Christian Reconstructed

→ NOV 20-1912

STATE OF INDIANA.
HAMILTON COUNTY.

Q.B. No 23
Page 324

SS:-

In The Matter Of The Ezra Overdorf and
Edward McMahan Drain.

Report of J. S. Shannon, County Surveyor.

To the Honorable Board of Commissioners
of Hamilton County, Indiana.

The undersigned Surveyor of Hamilton County, to whom was referred the above entitled petition for drainage on the 2nd day of October 1912, would respectfully report that on the 17th day of October 1912, with the assistance of a Deputy surveyor made all necessary surveys and made personal inspections of all lands likely to be affected by the proposed work and that I would report as follows:-

That the drainage asked for in the petition is practicable, that said proposed work when completed would improve the public health and will be of public utility and there will be one public highway benefited. I would further report that the cost of construction, damage and expenses of effecting the proposed drainagewill be less than the benefits to the owners of the lands likely to be benefited and assessed for said work and that I am not in any way related to any of the parties likely to be assessed.

I would further report that the best and cheapest method to effect said drainage would be by the construction of a tile drain and an open drain as follows:-

LOCATION.

Begin at a point 480 feet north and 20 feet east of the ^{south} ~~north~~ east corner of the north eastn quarter of the ^{south} ~~north~~ east quarter of Section 18, Township 18 north of range 5 east in Hamilton County, Indiana, Run thence south 81° west 100 feet; thence north 87 1/2° west 450 feet; thence north 87° west 50 feet; thence north 81° west 100 feet; thence north 40° west 490 feet;

thence south 72° west 110 feet; thence south 41° west 120 feet; thence north 82° west 280 feet; thence north 54° west 265 feet; thence north 66° west 235 feet; thence north 44° west 50 feet; thence north 22° west 50 feet; thence north 14° west 100 feet; thence north 31° west 600 feet; thence north 38° west 70 feet; thence north 60° west 30 feet; thence south 86° west 400 feet; thence south 45° west 230 feet a total distance of 3830 feet and terminating in a natural water course at a point 800 feet south and 337 feet west of the north west corner of the south half of the north east quarter of section 18, Township 18 north of range 5 east in Hamilton County, Indiana.

REQUIREMENTS.

Said ditch to consist of one row of 8 inch drain tile from station 0 to station 3+10, and four sewer Y connections to be placed as follows from station 3+10 to station 3+18, One 8 x 8 inch Sower Y, One ^{10 X 8} 8 x 10 inch sewer Y, One ^{12 X 8} 8 x 12 inch sewer Y, One ^{10 X 8} 8 x 10 inch sewer Y, and one row of 15 inch drain tile from station 3+18 to station 35+18, and one row of 15 inch sewer tile from station 35+18 to station 35+28, and a concrete retaining wall 10 feet long, 5 feet high, 18 inches thick shall be built at station 35+28, and an open drain 18 inches wide in the bottom with side slopes 1 to 1 or 45° from station 35+28 to station 39+30 or terminus.

The mixture of the concrete for the retaining wall 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 two feet above the base of the wall.

At a point 40 feet north of station 3+10 will be found two rows of 7 inch drain tile which shall be connected to the Main Ditch in a proper manner, also the tile entering from the south shall be properly connected to the Y's provided for same.

LAYING TILE, FILLING DITCH, DRAINING AND GRUBBING.

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.

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.

Full of Established Grade.

From station	0	to station	12	25/100 feet to each 100 feet.
"	"	12	"	"
"	"	17	"	"
"	"	24	"	"
"	"	31	"	"
"	"	35+28	"	"
"	"	39+30	"	"

N O T E .

The tile now in place between station 0 and station 7+5 that is in the line of this ditch and will be interfered with shall be carefully taken up by the contractor and placed on the bank and shall become the property of the land owner who shall immediately take care ^{of} and remove the same out of the contractors way.

PROFILE.

Station.	Cuts		Cubic Yards.
0	4.23		
1	2.96		37
2	4.15		24
3	4.33		26
4	6.45		37
5	5.48		41
+50	5.64		
6	5.40	<i>Retain Cut</i>	37
7	5.28	<i>2.53</i>	30
8	7.55	<i>2.43</i>	17
9	6.45	<i>2.08</i>	17
10	5.81	<i>2.73</i>	16
11	7.04	<i>2.28</i>	16
12	5.24	<i>2.13</i>	16
13	4.96	<i>2.13</i>	15
14	4.53	<i>2.53</i>	17
15	3.90	<i>2.93</i>	18
16	4.23	<i>2.63</i>	21
+20	3.28	<i>2.63</i>	
17	4.05	<i>1.85</i>	17
18	4.01	<i>1.85</i>	14
19	5.35	<i>1.65</i>	13
20	4.83	<i>1.85</i>	13
21	4.70	<i>1.65</i>	13
22+65	4.28	<i>1.30</i>	
22	4.35	<i>1.15</i>	10
23	3.92	<i>1.45</i>	10
24	3.59	<i>1.32</i>	10

Profile ---continued.

Station	Cnts		Cubic Yards.
24+50	4.40		
25	4.19	230	34
26	3.58	170	14
27	4.08	175	15
28	4.38	220	16
29	4.23	240	20
30	5.02	255	24
31	3.81	340	20
32	3.98		20
32+70	3.72		
33	3.89		24
34	3.94		26
35	3.40		24
35+28	3.35		7 End of Tile
36	2.83		44
37	2.72		44
38	2.25		37
39	1.04		19
39+30	.16		6
Total.....		-----8-----	880

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

310 lineal feet of 8 inch drain tile in ditch.....	\$	15.60
One each, 8 x 8, 8 x 10, 8 x 12, 8 x 15 inch sewer Y,	\$	5.50
3200 lineal feet of 15 inch drain tile in ditch.....	\$	554.40
10 lineal feet of 15 inch sewer tile in ditch.....	\$	5.50
Concrete Retaining wall	\$	15.00
Clearing and grubbing.....	\$	10.00
880 Cubic Yards of excavation and fill.....	\$	198.00
Total.....	\$	805.00

Estimated for Attorney Fee	\$	15.00
Legal printing.....	\$	15.00
Recording.....	\$	1.00
Superintending Construction.....	\$	30.00
Total.....	\$	61.00

I claim for my services for making necessary surveys and Viewing land and making report.....	\$	12.00
Grand Total.....	\$	878.00

A S S E S S M E N T S .

name	description	Sec, Tp, R	Acres	Amount.
1/2 Ezra Overdorf	Qt. N.W. S.E.	18 18 5	18	\$ 90.00
do	S.W. N.E.	18 18 5	38	\$ 195.00
do	S.E. N.E.	18 18 5	30	\$ 60.00

2/ Edward Mc Mahon	Pt E. 1/2 S.E.	18 18 5	37	\$ 345.00
				205.00
3/ Lucy A Wise	Pt S. 1/2 N. 1/2 N.E.	18 18 5	10	\$ 20.00
4/ O. P. Shoemaker	pt W. 1/2 S.W.	17 18 5	40	\$ 80.00
do	pt E. 1/2 S.W.	17 18 5	15	\$ 15.00

				\$ 95.00
5/ Geo M Young	N. Pt W. 1/2 S.W.	17 18 5	32 1/2	\$ 104.00
do	N. Pt E. 1/2 S.W.	17 18 5	32 1/2	\$ 32.00
do	30 off south side N.W.	17 18 5	30	\$ 52.00

				\$ 188.00
6 Noblesville Township, Benifit to highway,				
between 17 and 18 18 5				
				\$ 25.00

Total.....				\$ 878.00

STATE OF INDIANA.

SS:-

HAMILTON COUNTY.

The undersigned County Surveyor to whom was referred the above entitled petition for drainage, after being first duly sworn upon his oath says that he has personally examined the whole line and route of the proposed drain, that the assessments made herein and reported are correct, just and equitable to all parties named therein, as interested ^{and} 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 he verily believes.

.....
County Surveyor.

Subscribed and sworn to before me thisday of1912.

.....
Auditor of Hamilton County.