

Drain: WHEELER ? WHEELER Drain #: 25  
Improvement/Arm: J W WHEELER  
Operator: J. LIVING STON Date: 8-29-04  
Drain Classification: Urban/Rural Year Installed: 1900

### 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

*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*  
*[Handwritten signature]*

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

Drain-Improvement: WHEELER; WHEELER - J.W. WHEELER

Drain Type:	Size:	Length	Length (DB Query)	Length Reconlle	Price:	Cost:
TILE	10"	2988'	2988'		3.00/lf	89664.00
	15"	912'	912'		5.00/lf	4560.00
	18"	2916'	1826'	-1090'	6.00/lf	11,865.00
OPEN DITCH	-	984'	2504'	+1520	19.00/lf	48,953.00

Sum: 7800'      8230'      +430'      \$74,346.00

Final Report: \_\_\_\_\_

Comments:  
 LENGTH OF DRAIN VARIES AS ENTERED FROM THE 1908 SURVEYOR'S REPORT. OUTLET OF TILE WAS MOVED +/- 1090' UPSTREAM AT SOME POINTS TERMINUS LOCATION OF OPEN DITCH (FROM SURVEYOR'S REPORT DATED 6-7-1928. (1908)  
 SURVEYOR'S REPORT FOR G.W. WHEELER LOCATED ORIGINAL HEADWALL FOR J.W. WHEELER AT TERMINUS OF G.W. WHEELER TILE.

DIRECTIONS—Elevate the metal points—at the metal points—align the manuscript—then bend the points down flat—dampen the gummed flap and stick it down—this fastens the papers and hides the metal.

*Report approved and  
Ditch ordered constructed*

*Hamilton—Butcher P B*

*July 18 1908*

*Hugh Johnson*

*Construction Engineer*

Surveyor's Report

In the matter of the

J.W. Wheeler

Drain.

*Report amended by adding name  
of F.M. Heaton, and hearing con-  
tinued to July 18 1908, and  
condition ordered to serve  
Heaton with notice.*

*Hamilton Butcher P. B*

*Heaving - 18<sup>th</sup>*

**FILED**

**JUL 19 1908**

*A. H. Conzies*

*010.19-74*

STATE OF INDIANA,

SS:

HAMILTON COUNTY,

IN THE MATTER OF THE

J. W. WHEELER DRAIN.

REPORT OF HUGH JOHNSON, COUNTY SURVEYOR.

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

The undersigned Surveyor of Hamilton County, to whom was referred the petition of J.W.Wheeler for drainage on the 5 day of June, 1908, would respectfully report that on the 10 and 11 days of June, 1908 with the assistance of regular Deputy made all necessary survey and personal inspection 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 the proposed drainage when completed will improve the public health and will be of public utility; that there will be three public highways benefited and one public school ground. I would further report that the cost of construction, damages and expenses of effecting the proposed drainage 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 .

+++++

+++++

Beginning at a point ten rods south and six rods east of the SW corner of the NE $\frac{1}{4}$  of the NE $\frac{1}{4}$  of Section 17, Township 18 North, Range 5 East and run thence N 45° E 600 feet, thence N 21 $\frac{1}{2}$ ° E 500 feet, thence N 10° E 400 feet, thence N 18 $\frac{1}{2}$ ° W 235 feet, thence N 15° E 365 feet, thence N 8° W 900 feet, thence following in the old channel of the open drain 4800 feet to terminus. Total length 7800 feet

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

Ditch to consist of one row of 10 inch drain tile from Station 0 to Station 29+88 and one row of 15 inch drain tile from Station 29+88 to Station 39 and one row of 16 inch drain tile from Station 39 to Station 68+06 and one row of 18 inch sewer tile from Station 68+06 to Station 68+16 and an open ditch from Station 68+16 to Station 78. Said open ditch to be 18 inches wide in the bottom throughout its full length with banks sloped 1 to 1 or 45°.

C A T C H B A S I N .  
#####

At Station 29+88 to be constructed a catch Basin in the line of the ditch into which the several lines of tile ditch terminating at or near said catch-basin shall be connected. The contractor to furnish the tile necessary to make said connections. The tile entering and leaving the catch-basin on the main ditch shall be first class grade sewer tile.

Catch-basin to be built of hard burnt brick laid up in mortar made of one part portland cement to two parts clean, sharp sand and covered with an iron ring and open cover of the Elwood Iron Works pattern. Catch basin to be 36 inches in diameter, inside measurement, with walls 9 inches in thickness and to extend to a depth of 18 inches below the bottom of the tile and floored over the bottom ~~at~~ with one layer of brick and plastered over the bottom and sides to one foot above the top of the tile with a coat of cement plaster  $\frac{1}{2}$  inch thick. The height of the catch-basin to conform to the general conditions of the ground.

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

At Station 30+20 to be constructed a connecting box of one to 4 concrete. The side walls and bottom to be 3 inches in thickness and covered with a slab of properly reinforced concrete 3 inches thick and of such size as will properly cover the box when completed. Inside dimensions of connecting box to be 24"X20"X20". the contractor will be required to furnish one joint of 12" and one joint of 8" tile to properly connect the two laterals, entering at this point, to the connecting box.

S T O N E   R E T A I N I N G   W A L L .  
#####

At Station 29+96 to be constructed a ~~stone~~ retaining wall of stone laid in cement mortar mixed one part cement to two parts clean, sharp sand Wall to be 24 feet long by five feet high by 18 inches thick and set to such grade as the Superintendent may require.

Also at Station 68+16 to be constructed a stone retaining wall 24'X 5½"X 2'. Said wall to be built of field rock laid up in mortar made from one part portland cement to two parts clean, sharp sand and so constructed as to receive the tile at proper grade two feet above the base of the wall.

L A Y I N G   T I L E - F I L L I N G   D I T C H - C L E A R I N G .  
#####

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 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 for the full width of the cut where the ditch follows the old channel and where the ditch is new cut the trench shall be filled full. All trees shall be deadened and bushes cut and disposed of for a distance of 25 feet on each side of the tile portion of the ditch. On the open part of the ditch all weeds and bushes shall be removed back a distance of 5 feet from the break of the banks. All earth excavated shall be deposited not nearer than two feet from the break of the banks. From Station 31 to 33 the tile are to be laid in the east bank and ~~7704/874~~ between Station 33 and 34 to be laid in the SW bank so as to lengthen the curve at the bend of the ditch.

F A L L   O F   E S T A B L I S H E D   G R A D E .  
#####

- From Station 0 to Station 24-25/100 foot to each 100 feet.
- From Station 24 to Station 38 57/100 foot to each 100 feet.
- From Station 38 to Station 47 22/100 foot to each 100 feet.
- From Station 47 to Station 60 54/100 foot to each 100 feet.
- From Station 60 to Station 68+16 37½/100 foot to each 100 feet.
- From Station 68+16 to Station 78 20/100 foot to each 100 feet.

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

2983 feet 10 inch tile,-----	\$ 197.08
912 feet of 15 inch tile,-----	\$ 150.00
2906 feet of 16 inch tile,-----	\$ 552.44
10 feet of 18 inch sewer tile,-----	\$ 6.00
Catch-Basin at Station 29+88,-----	\$ 20.00
Stone wall at Station 29+86,-----	\$ 25.00
Stone Wall at Station 68+16,-----	\$ 25.00
Connecting Box at Station 30+20,-----	\$ 6.00
Additional tile for connecting arms to catch-basin and connecting box,-----	\$ 4.00
Laying tile, filling ditch, clearing & etc.,-----	\$ 125.00
1319 cubic yards excavation,-----	\$ 263.80
Total estimated cost,-----	\$ 1374.32

No.	NAMES.	DESCRIPTION OF LANDS.	Section	Tp.	Range	Acres Assessed		Acres Benefited		Amt. of Assessm't		Totals	
						A	Hun.	A	Hun.	\$	Cts.	\$	Cts.
1	Charles Ward	Pt.NE	b	17	185	87							
	Do.	Pt.SE		17	185	10				306	40		
2	J.W.Wheeler	Pt.SE		17	185	80				248	50		
3	Aaron Laudig	Pt. NW	SW	16	185	25				67	00		
4	Sarah Laudig	Pt.SE	SE	8	185	30				106	50		
5	Madison Brooks	NW	NW	16	185	40							
	Do.	Pt.SW	NW	16	185	38				182	50		
6	Emma Wheeler	Pt.SE	NW	16	185	3				7	10		
7	Eli Brooks	Pt.NE	NW	16	185	9				23	75		
8	F.P.Christian	Pt.SE	SW	9	185	20							
	Do.	Pt.NE	SW	9	185	5				58	75		
9	Daisy Walker	Pt.SW	SW	9	185	40				94	00		
10	George Wheeler	Pt.N½	NE	17	185	53							
	Do.	Pt.W	SE	8	185	45							
	Do.	Pt.E	SW	8	185	31				337	00		
11	S.N.Stoops	Pt.SW		8	185	35				15	00		
12	C.A.Erwin	Pt.SW		8	185	8				3	75		
13	Leander Giger	Pt.NW		17	185	30				12	50		
14	Margaret Frjetsche	Pt.SE	SE	8	185	10				26	60		
15	Noblesville Township	Highway N&S cent.	NW	16	185								
	Do.	" N&S "	E½	17	185								
	Do.	Greenfield Gravel Road											
	Do.	Wheeler School Grounds								40	00		

16. F. M. Heron

Pt. S. W. E.

S. W. 16 18 5

3

7 10



# PROFILE PAPER.

- Exhibit B -

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 80					
1	3 43			20		
2	4 30			22		
3	4 05			24		
4	3 93			23		
5	4 19			23		
6	3 70			22		
7	3 98			22		
8	4 02			23		
9	4 14			23		
10	4 09			23		
11	4 19			24		
12	4 46			23		
13	4 07			23		
14	4 25			24		
15	4 19			24		
16	4 07			24		
17	4 19			24		
18	4 14			24		
19	4 50			24		
20	4 31			25		
21	3 44			22		
22	3 27			19		
23	3 00			18		
24	3 89			20		
25	3 36			21		
26	3 92			21		
27	3 90			22		
28	3 97			22		
29	2 92			18		
30	6 01			15		

# PROFILE PAPER.

Exhibit B

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.
31	4 70			11		
32	5 96			11		
33	5 89			11		
34	6 11			13		
35	6 59			14		
36	6 76			13		
37	7 02			12		
38	7 68			11		
39	5 93			12		
40	6 79			15		
41	6 78			18		
42	6 61			15		
43	6 08			15		
44	6 53			16		
45	5 46			17		
46	6 21			17		
47	6 37			17		
48	5 77			17		
49	4 84			17		
50	6 25			17		
51	5 23			16		
52	4 98			17		
53	6 14			17		
54	6 46			18		
55	5 75			17		
56	8 48			17		
57	5 47			16		
58	6 68			16		
59	4 55			16		
60	4 97			15		
61	6 98			14		

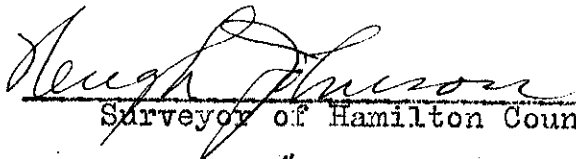
# PROFILE PAPER.

- Exhibit B -

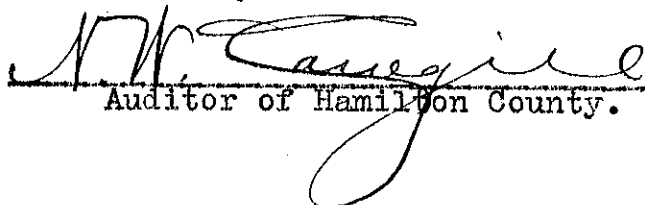
No. of Station.	Depth of Cut.	Width on Top.	Width in Bottom. inches	No. of Cubic Yards to be Removed.	Price per Cubic Yard.	Total Cost per Station.
62	5 58			14		
63	5 03			12		
645 22	5 22			12		
65	4 39			12		
66	3 52			13		
67	4 59			12		
68	2 29			12		
88+16	2 99					
	3 49		18	<del>12</del>		
69	3 59		18	13		
70	3 76		18	13		
71	2 24		18	14		
72	2 99		18	13		
73	2 99		18	13		
74	2 50		18	9		
75	3 02		18	6		
76	1 67		18	6		
77	1 99		18	3		
78	1 79	End of Ditch.	18	2		

STATE OF INDIANA,  
HAMILTON COUNTY, SS:

The undersigned Surveyor of Hamilton County, Indiana, to whom was referred the above entitled petition for report, after first being duly sworn upon oath, says that he has personally examined 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 ~~made~~ herein ~~are~~ before made and reported are just, and equitable to all parties named therein as interested; that no lands will be benefited or injured by said proposed drain; that the above and foregoing report is true in substance and in fact as I verily believe.

  
Surveyor of Hamilton County,

Subscribed and sworn to before me this the 19 day of June, 1908.

  
Auditor of Hamilton County.