

Drain: J M WAGNER Drain #: 113
Improvement/Arm: GEJE McPHERSON
Operator: J. LIVINGSTON Date: 7-30-04
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

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2281779-335

McPherson Drain

Report of Drainage
Commissioners

Set for hearing 2-18-28

Examined and approved
2/24/1928

Fred E. Hoover
Judge.

FILED

FEB 1 - 1928

J. P. [Signature]
CLERK HAMILTON C. C.

STATE OF INDIANA)
)SS
HAMILTON COUNTY)

IN HAMILTON CIRCUIT COURT.

IN RE. PETITION FOR DRAINAGE
BY GENE McPHERSON, ET AL.
INVOLVING, THE REPAIR & EXTENSION
OF THE J.M. WAGNER, DRAIN,

No. 22817

REPORT OF DRAINAGE COMMISSIONERS AND ENGINEER,

TO THE HONORABLE JUDGE OF THE HAMILTON CIRCUIT COURT,

We the undersigned commissioners of Drainage and Engineer, to whom
was referred the above entitled petition for Drainage of certain lands,
in Noblesville and Whith River Townships, Hamilton County, Indiana,

Would respectfully report that we at the Clerks Office, Qualified, then
proceeded to the location of said drain, and made a View of the proposed line
of said Drain and the lands likely to be effected thereby,

That we further report that said proposed Drain is practicable, that the same
when completed will improve the public health, and will reclaim certain lands,
and will be of public utility, and will benefit several highways,
also that the cost of construction and repairs damages and expense of effect-
ing said Drain will be less than the benefits to the lands effected by said
Drainage.

That we difinately determined the best and cheapest method of effecting
Drainage of said lands,

We fixed the route, location, and character of said proposed work and fixed
the same by notes and bounds, courses, distance, and guides, and Bench Marks,
including Arms and branches so as to provide for a complete out let for the
Drainage of said lands effected by said proposed work; that we have divided
the Ditch and branches into Sections of not more than 100 feet, in length
by setting Stakes at each 100 feet.

We are of the opinion that the best method for securing an outlet for, and the Drainage of said land to be effected, is by, repairing all broken down places in the J. M. Wagner Drain,

Then beginning at the end of the tile in said Wagner Drain and extending said tile a distance of 520 feet, then continuing in and along an old open channel for a distance of 1080 feet,

The location of said improvement, being fully described as follows;

Beginning 20 feet East and 20 feet South of the Northwest corner of the Northeast quarter of section 20, Township 19 North, Range 5 East,

Run thence South 500 feet; thence South 32 degrees and 30 minutes East 100 feet; Thence South 61 degrees and 15 minutes East 100 feet; Thence North 89 degrees and 21 minutes East 150 feet; Thence North 80 degrees and 51 minutes East 250 feet; Thence North 75 degrees and 51 minutes East 500 feet; and terminating 536 feet South of the North line of, and 1043 feet East of the West line of the Northeast quarter of Section 20, Township 19 North, Range 5 East,

Said beginning point being Station 77 on the J.M. Wagner Drain,

Said Ditch to consist of one row of 20 inch Drain tile from Sta 77 to Sta 82 plus 20, and an open Drain 3 feet wide in bottom with side slopes of 1 to 1 or 45 degrees and the dirt to be deposited not nearer than 3 feet

from the break of the banks from Sta 82 plus 20 to Sta 93,

That at Sta 77 the tile shall be securely joined to the tile now in place by cementing the joint around the tile and against the headwall now in place on the J.M. Wagner Drain, That at Station 82 plus 20 there shall be constructed a concrete containing wall 20 feet in length, two feet wide at bottom battered to one foot at top said wall to be set 18 inches below the bed of the ditch, built to an average height of 7 feet, the design of construction to be so as to leave an over flow 2 by 10 feet directly in center of wall, immediately in front of and securely joined to the middle Section of the wall an apron shall be constructed of concrete to the width of 6 feet, 10 feet long and 8 inches thick, continuous for a distance of 20 feet back of headwall the tile shall be laid with sealed joints.

At Station 76 plus 70 , a concrete Catch Basin 3 feet in diameter and to the depth of the grade in the ditch, shall be constructed.

The work will be staked out by the Engineer and his stakes must be carefully preserved and followed. The digging of each and every portion of the Ditch must be at its outlet, or its junction with another tile Drain toward its upper end.

The ditch to be dug along one side of the line of survey stakes, and sufficient distance from to not disturb them, and shall be dug in a straight and clean manner, In taking out the last draft the blade of the spade must not go deeper than the grade line. The ditch must be dug accurately and true to the grade at the depth indicated by the figures given by the Engineer, measured from the grade stakes,

The laying of the tile must begin at the lower end and proceed up stream.

The tile must be laid as closely as practicable and in line free from crooks, the piece being turned about until the upper closes, unless there is sand or fine silt which is likely to run into the tile, in which case the lower edge must be laid close and the upper side covered with clay or other material.

When making turns or by other unavoidable reasons a crack of one-fourth ($\frac{1}{4}$) inch or more is necessarily left, it must be securely covered with broken pieces of tile, or by other indestructible material, junctions with branch lines must be carefully and securely made.

After the tile have been laid and inspected by the Engineer or his representatives, they must be covered with the earth excavated from the trench, or borrowed clay or soil.

Where said ~~Ditch~~ trench does not afford sufficient material, and in no case less than two ^{and One Half} ($2\frac{1}{2}$) feet in depth over the tile in New cuts.

The dirt for extra filling to be obtained from the East bank of the Tile portion of Ditch, The West bank not to be disturbed on account of Road.

in
And where said Drain is in an open channel the filling shall be to a depth of not less than Two (2) feet above the Top of the Tile, for the full width of said channel, in no case must the Tile be covered with sand without other material being first used and in no cases will boulders or heavy rock be allowed in the filling if they may in time come in contact with the tile.

The ditch contractor must assume all risk from waving in of the ditch, and when each drain is completed it must be free from sand and mud before it will be received and paid for in full. In case it is found impracticable, by reason of bad weather or other unlooked for trouble in digging the ditch or properly laying the tile, to complete the work specified in the contract, the time may be extended as mutually agreed upon by the contractor and the Engineer.

The contractor shall use all necessary precaution to secure his work from injury while he is constructing the drain.

All tile and material used in the construction of this drain and its tributaries thereto, included in the requirements of these Specifications, shall be first class in every respect and subject to rigid inspection by the Engineer.

The Engineer shall have authority to layout and direct the work, and to inspect and supervise the same during the construction and completion to see that it is properly done in accordance with the Specifications and contract, and his instructions shall be fully carried out.

CONCRETE WORK.

Unless otherwise specified all concrete work included in these Specifications shall be a mixture of 1-2-3- ; One part Portland Cement, Two parts Sand and *Three* parts gravel . The Sand and Gravel to be free ~~mixt~~ from dirt, loam and other foreign matter,

The cement, sand and gravel to be thoroughly mixed while dry until it presents an even shade of coloring throughout, then made into a moderately wet mortar, and be immediately placed in the forms for moulding the concrete into shape.

The forms for all concrete work shall be neatly constructed from strong materials, and shall be true to lines, dimensions and shape given for the different structures.

Gene McPherson Drain,

Sta.	HubCut,	MudCut,	Cu. Yds.
77	4.50	0.55	
78	4.15	3.05	33
79	4.17	2.48	31
80	4.35	1.90	24
81	3.60	1.45	19
82	3.56	1.20	15
82-20 Header to be Cont, s			3

125

Open Portion,

125

Sta.	HubCut,	MudCut,	Width in Bottom,	Cu. Yds.
82				
83	2.43	0.95	3 feet,	29
84	2.36	0.70	" "	34
85	1.93	0.55	" "	27
86	1.85	0.45	" "	22
87	1.80	0.35	" "	20
88	1.26	0.38	" "	16
89	1.34	0.20	" "	14
90	1.21	0.51	" "	14
91	1.24	0.51	" "	14
92	0.84	0.59	" "	13
93	0.98	0.16	" "	10

213

213

Total

338 cu yds.

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Am't of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Jesse L. Muschman	NW SE	17	19	5	40		40		83	60	76			
do	SW SE	17	19	5	40		38	38	80	41	73	10	149	10
Mert Theresa Wagner	NE SW	17	19	5	40		38		65	57	59	70	59	70
L. H. & Louisa Roberts	SE SW	17	19	5	40		12		25	88	22	80	22	80
David F. Kanable	SE NE	17	19	5	40		32		40	13	36	50	36	50
Emma A. Dyer	NE SE	17	19	5	40		30		33	44	30	40		
	SE SE	17	19	5	40		25		27	17	24	70		
	W ² NW NE	20	19	5	40		4		4	40	4		59	10
Samuel H. H. Day	SW NE	17	19	5	40		40		83	60	76		76	
Sarah F. Wagner	NE NW	17	19	5	40		30		45	98	41	80		
do	NW NE	17	19	5	40		40		83	60	76			
do	NE NW	17	19	5	40		40		45	98	41	80		
do	SE NW	17	19	5	39		39		51	04	46	40	206	00
Wm D. Davis	SE cor SE NW	17	19	5	1		1		2	09	1	90	1	90
Charles & Mary Stage	W ² NW NW	16	19	5	20		3		2	53	2	30	2	30
Noblesville Finance Corporation	NW SW NW	16	19	5	10		5		4	18	3	80	3	80
Adam Kepner	SW SE	8	19	5	40		40		83	60	76			
do	SE SE	8	19	5	40		38		47	94	43	40	119	00
Emma Kelley	NE SW	8	19	5	40		25		45	98	41	80	41	80
John Learning	NW SE	8	19	5	40		38		41	80	38		38	

NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amount of Benefits		Am't of Assessment		Total Assessment	
					A	Hun	A	Hun	\$	Cts.	\$	Cts.	\$	Cts.
Magdalena Kepner	NE	SE	8	19	5	40	38	40	150	36	50			
No	W ² N ²	SW	9	19	5	40	20	16	72	15	20	51	70	
Jacob Kepner	SE	SW	8	19	5	40	30	45	98	41	80	41	80	
Hamilton County, Benefit to Public Highways														
	1 E ¹ W ¹ Thru		8	19	5				5	50	5		5	
	1 N ¹ + 5 " Cent.		17	19	5				166	65	165		170	
Noblesville Township, Benefit to Public Highways														
	1 E ¹ W ¹ Thru E ²		17	19	5				11	70	10			
	1 E ¹ W ¹ S Line		17	19	5				110	00	100		110	
													<u>\$1189.90</u>	

Estimate Cost of Construction including,
 Material, Labor, Hauling, etc., necessary
 for completion of the work in accordance
 with the Plans and Specifications,

Station	to Station .....	.....
Station	to Station .....	.....
Station	to Station .....	.....
	Total,	..... \$ 747.

Estimate expense, including,

Attorney Fee, .....	.....
Recording and Releasing, .....	.....
Legal Printing, .....	.....
Superintendent of Construction .....	.....
Court expenses etc., .....	.....
Contingency fund, .....	.....
	Total, 369.90

We claim for Services, expenses and mileage,
 to date for;

<i>L. W. Shelby</i>	Drainage Commissioner	..... 10.
<i>L. M. Davis</i>	Viewer,	..... 10.
<i>E. A. Baker</i>	Engineer & helpers,	..... <u>53.</u>
	Total	..... 73.

Grand Total, \$ 1189.90

STATE OF INDIANA)
HAMILTON COUNTY) SS

We the undersigned Viewers and Engineer, to whom was referred the above entitled petition for a drain, after being Duly Sworn upon Oath say that we have personally examined the whole line of said proposed Ditch, 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 benefitted or injured by said proposed Drain, and that the above and foregoing report is true in substance and in fact as we verily believe.

L. M. Stultz
L. M. Davis
VIEWERS.

E. A. Baker by *J. Shannon*
Engineer. Deputy.

Subscribed and Sworn to before me this *31* day of *Jan* 1928.

Frank S. Campbell
Clerk of Hamilton County. Notary Public
my Com. Exp. 1-20-1930.