

Drain: STEPHENSON - COMPTON **Drain #:** 63
Improvement/Arm: WALTER STEPHENSON
Operator: J. LIVINGSTON **Date:** 6-22-04
Drain Classification: Urban **Year Installed:** 1920

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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18732

In the Matter of the
Walter Stephenson et al
Drain.

Report of Drainage
Commissioner

FILED

FEB 18 1920

J. D. Hill
Clerk Hamilton County Court

STATE OF INDIANA)
HAMILTON COUNTY) SS

IN HAMILTON *Circuit* COURT.

IN THE MATTER OF THE PETITION

OF *Walter Stephenson et. al.* for repair of
Sarah Compton ditch
FOR DRAINAGE

Report of the Drainage Commissioners and the Engineer,

To the honorable *Judge of the Circuit Court* Hamilton County.

We the undersigned Commissioners of Drainage and the Engineer, to whom was referred the above entitled petition for drainage of certain lands, in *Adams Sp.*, Hamilton County, Indiana, *was referred*

We would respectfully report that we met on the line of said proposed repair of said *Compton* Drain, on the *16th* day of *May* 1919, qualified and proceeded to view said drain and the lands affected thereby.

After a careful investigation of the conditions of said drain, we are of the opinion that said drain, should be repaired and in the manner set out below in this report and that the same when completed will improve the public health and will reclaim certain lands, and will be of public utility, and benefit several highways, also that the cost of construction and repair, damages and expenses of affecting said drain will be less than the benefits to the lands effected by said drainage.

That we have definitely determined the best and cheapest method of effecting the drainage of such lands, we have fixed the route, location, and character of said proposed work and have fixed the same by metes and bounds, courses, distances, descriptions and guides, and bench marks, including arms and branches so as to provide for a complete outlet for the drainage of said lands affected by said proposed work; that we have divided the ditch ~~into sections~~ and branches into sections of not more than 100 feet in length by setting stakes at each 100 feet.

(-19) (1)

LOCATION

By the construction of a ditch commencing about twenty ~~east~~ rods South and twenty rods West of the North East corner of the South West quarter of the North East Quarter of Section five, Township Nineteen North, Range Three East, Thence South 51° West 685 feet

"	"	40°	"	65	"
"	"	13°	"	150	"
"	"	92°	East	1000	"
"	"	3°	"	400	"
"	"	25°	"	970	"
"	"	51°	"	155	"
"	"	64°	"	475	"
"			East	600	"
"	"	35°	"	200	"
"	"	22°	"	570	"

And terminating 150 feet East and 15 feet South of the Northwest corner of section Nine, Township 19 North, Range three East.

Said ditch to consist of one row of ~~14~~ inch tile from Sta. ~~0~~ to ~~---~~Sta. ~~9~~ ~~---~~, one row of ~~16~~ inch tile from Sta. ~~9~~ to Sta. ~~22~~ ~~---~~, one row of ~~18~~ inch tile from Sta. ~~22~~ to ~~---~~ Sta. ~~32~~ ~~---~~ and 1 row 20" tile from Station 32 to 52+70
 Sta. At station 0 and station 32+70 shall be constructed catch basins, circular in form, three feet in diameter, walls four inches and to full depth of out of ditch at said stations plus two feet said basins to have concrete bottoms and to be covered with ~~max-~~ ~~max-~~ open concrete slabs tops four inches thick, the openings in said coverings to have the capacity of the outlet tile, and each of the holes in said covers to be not more than $2\frac{1}{2}$ inches in diameter.

From Sta. 52+45 to Sta. 52+70 shall be a concrete flume ~~22~~ in. in diameter, with 4" walls.

At Sta. 52+70 shall be built a retaining wall, said wall to be an extension to the Southeast wing and the parapet wall of a concrete bridge now at said station.

The wing shall be extended 12 feet; the base of said extension to be 2' thick and be set 2' below the grade line of the ditch; said wall shall be built up to the height of the parapet of the bridge. The wing now in place to be built up to the same height and the whole extension capped to conform to the parapet of the bridge.

All concrete work to be constructed in accordance with the concrete specifications hereto attached.

CONCRETE WORK.

Unless otherwise specified all concrete work included in these specifications shall be a mixture of 1-2-5; one part Portland Cement, two parts sand, and three parts gravel. The sand and gravel to be free 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 immediately placed in the forms for moulding the concrete into shape.

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

The work will 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 begin at its outlet or its junction with another tile drain and proceed toward its upper end.

The ditch to be dug along one side of the line of survey stakes and a sufficient distance from them to not disturb them, and shall be cut in a straight and neat 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 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 a line free from irregular cracks, 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 more than one fourth inch is necessarily left, it must be securely covered with broken pieces of tile or with other indestructible material. Junctions with branch lines must be carefully and securely made. After the tile have been laid or inspected by the Engineer or his representative, they must be covered with the earth excavated from the trench or with borrowed clay or soil, where said trench does not afford sufficient material, and in no case less than two feet in depth over the tile in new cuts.

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And where said drain is an open channel the filling shall be to a depth of not less than two 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 materials being first used and in no case will boulders or heavy rock, that may in time come in contact with the tile, be allowed in the filling. The ditch contractor must assume all risk from the caving in of ~~the~~ the ditch, and when ~~it~~ each ~~drain~~ 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 in properly laying the tile, to complete the ditch in the time specified in the contract, the time may be extended as may be mutually agreed upon by the Engineer and Contractor. The contractor shall use all necessary precautions to protect his work from injury while he is constructing the ditch. All tile and other material used in the construction of the ditch and its tributaries thereto, included in the ^{requirements of these} ~~contract~~, shall be first ^{specifications} class in every respect and subject to the rigid inspection of the Engineer.

The Engineer shall have the authority to layout and direct the work, and to inspect the same and supervise it 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.

"We are of the opinion that as said ditch crosses the right of way of the Chicago, Indianapolis & Louisville Railroad Company, and that said railroad company has been assessed in the sum of \$100.00, as benefits to its right of way; that if said railroad company desires to make different construction, than that provided for in the specifications, for that portion of the ditch lying within its right of way; then and in that case the said railroad company shall have the privilege of putting ⁱⁿ whatever construction it desires, equal to or superior to the construction provided for in these specifications, said company to place said construction across its right of way at its own expense; but should said railroad company avail itself of the privilege of putting in said construction, and does so to the satisfaction of the engineer in charge of the work, then and in that case said railroad company shall have credit on its assessment as herein fixed to the amount of \$30.00, the same being the estimated cost of construction ^{of} the drain across said right of way.

Profile of Sarah Compton Drain.

Sta. #	Hub	Out	Mud	Out	Cu. Yd.	Hub	Out	Mud	Out	Cu. Yd.
0	4.10		2.11		28	4.81				36
1	4.56		0.76		9	4.51				35
2	4.46		0.96		9	4.76				35
3	4.11		1.10		10	5.16				37
4	4.56		1.30		11	6.16				42
5	4.61		1.54		14	5.76	1.20			15
6	4.39		1.64		15	6.26	1.18			11
7	4.14		1.74		16	6.38	1.20			11
8	4.74		1.84		16	5.18	1.20			11
9	5.04		2.04		19	6.58	1.20			11
10	4.79		2.10		19	7.28	1.08			11
11	4.74		2.10		20	6.63	1.25			11
12	5.04		2.10		20	5.63	1.48			13
13	5.74		2.10		19	5.58	1.50			14
14	6.24		2.20		20	6.08	1.40			14
15	5.60		2.20		20	5.08	1.33			13
16	5.16		2.20		20	6.03	1.23			13
17	5.01		2.30		22	5.18	1.13			11
18	5.81		2.41		22	6.23	1.10			11
19	5.31		2.50		23	6.28	0.40			8
20	5.31		2.70		24	4.90	0.70			38
21	5.11		2.70		25	5.24				38
22	5.21		2.71		25	5.28				39
23	5.61		2.90		31	4.55				37
24	5.71				42	4.45				33
25	6.01				43	52+70	8.13	0.37		30
26	5.06				41					
27	4.91				37					
										TOTAL CU. YD. 1170
										1170

Estimated cost of Construction including,
 Material, Labor, Hauling, etc.,
 Necessary for completion of the work in
 accordance with the plans and specifications,

Station 0 to 52+70
 Station to
 Station to
 Station to

Estimated cost & expenses, including, Total \$ 3324.00
 Attorneys Fee
 Recording & Relicensing
 Legal Printing
 Superintendent of construction
 Contingency Fund
 Total 659.00

We claim for services, expenses, & mileage, to date for

Clark Effie Drainage Commissioner 16.00
E. E. Phillips Viewer 16.00
J. J. Shannon Engineer & Helpers 32.00
 Total 64.00

GRAND TOTAL \$ 4047.00

Walter Stephenson Ritch

No.	NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefited		Amt. of Assessm't		Totals		
						A	Hun	A	Hun	\$	Cts	\$	Cts	
✓	Seth Henshaw	Lots 57, 65, 72, 73, 80, 81, 82 83, 84, 85, 87, 88, 89, 90, 92, 93 94, 95, 96, 97, 98, 99, 100. in Simp Co Addition to Sheridan.									34	50	34	50
	F Thurman & Wf.	Lots 66, 71, 74, 74 1/2, 75 1/2, 78 & 79 in Simp Co Addl to Sheridan									10	50	10	50
	Maggie Smith	Lots 86, 91. in Simp Co. Addl. to Sheridan									3		3	
	John Roy	Lots 73 1/2 & 64 in Simp Co add to Sheridan									3		3	
	Sheridan Packing Co.	NE ² E ² NW 5-19 3				10	75	6			45		45	
	Town of Sheridan	Benefits to Streets & Alleys in Simp Co. Addl to Sheridan									18		18	
	Lora Erwin O'Neal	Lots 34 & 35 Hoffman Addl to Sheridan									2		2	
	Leota Sprinks	Lots 36 & 37 Hoffman Addl. to Sheridan									2		2	
✓	Frank Carnell	NE ² NE NW 5-19 3				13	89	9			50		50	
✓	Joseph Jones	NE W. NW 5-19 3				49		20			80		80	
✓	C.M. Johnson	NE W. NW 5-19 3				6		1	50	9			9	
✓	Wm H Moore	NW. SW. NW 4-19 3				10		6			36		36	
✓	David Sutton	S ² SW NW 4-19 3				20		2			12		12	

No.	NAMES	DESCRIPTION OF LANDS	Section	Township	Range	Acres Assessed		Acres Benefitted		Amt. of Assessm't		Totals	
						A	Hun	A	Hun	\$	Cts	\$	Cts
✓	Wm H Compton	PE ² NE	5	19	3	39	50	39	50	312			
		PW ² NE	5	19	3	27		13		104		416	
✓	Walter Stephenson	S ² S ²	NE	5	19	3	40	40		385			
		18 A off S Side N ² S ²	NE	5	19	3	18	18		171			
		Pt NE lying N of the above tract and W of C. I. & L. R. R.		5	19	3	29	29		290		846	
✓	J. C. Newby	Quadr. E ² NW	5	19	3	39	50	39	50	316			
		N ² NE SW	5	19	3	20		20		160		476	
✓	E. M. Branson	N ² N ² SE	5	19	3	40		40		385		385	
✓	Chas Endaley	S ² NE SW	5	19	3	20		19		133			
	No.	SE SW	5	19	3	40		22		110			
	No.	SW SE	5	19	3	40		32		291			
	No.	S ² NW SE	5	19	3	20		20		225		759	
✓	Chas B. Pickett & Wf	S ² NE SE	5	19	3	20		20		160			
		Pt N ² SE SE	5	19	3	18		18		225		385	
✓	W. A. Wilson	SPT SE SE	5	19	3	22		15		200		200	
✓	R. E. Jay & Wf	N ² SW SW	4	19	3	20		20		50		50	
	Cedars Township	Benefit to Lafayette Road	NE	5	19	3				25			
		" Road N & S bet 4/5		19	3					100		125	
✓	Chicago Indianapolis & Louisville R. P. Co.	Benefit to Right-of-way	NE	5	19	3				100		100	

\$ 4047.⁰⁰

STATE OF INDIANA)
) SS
HAMILTON COUNTY)

We the undersigned viewers and Engineer, to whom was referred the above entitled petition for report, 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.

Charles Coffin
.....
Viewer
E. E. Phillips
.....
Viewer

J. B. Shannon
.....
Engineer

Subscribed and sworn to before me this...*15*...day of...*Feb.*...19*20*

J. D. Hill
.....
~~Juditor of Hamilton Co.~~
Clerk of Hamilton Circuit Court