

Drain: RUSSEL SHUBART Drain #: 320

Improvement/Arm: _____

Operator: J. LIVINGSTON Date: 6-17-04

Drain Classification: Urban/Rural Year Installed: 1914

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

J. Livingston
J. Livingston

J. Livingston

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Gasb 34 Footages for Historical Cost
Drain Length Log

Drain-Improvement: RUSSEL SHUGART

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Applicable	
					Price:	Cost:
TILE	10"	1500'	1500'		3.00/lf	4500.00
	12"	300'	300'		4.00/lf	1200.00
	15"	1800'	850'	-950'	5.00/lf	4250.00
TILE - ARM 1	8"	1310'	1310'		2.00/lf	2620.00
TILE - ARM 2	8"	810'	810'		2.00/lf	1620.00
TILE - ARM 3	6"	493'	493'		1.00/lf	493.00

Sum: 6213' 5263' * -950' \$14,683.00

Final Report: _____

Comments:

* 950' OF TILE REMOVED AND RECONSTRUCTED FOR HAZEL DELL
WCDAS OFFSITE ARM

Day. Hamilton Circuit Court,

Term, 19

In Re Petition of

Russell Shugart, for Drain.

No. 15668. L

(CONTINUED FROM PAGE 398.)

State of Indiana, Hamilton County, ss:

To the Honorable Judge of the Hamilton County Circuit Court.

REPORT OF THE DRAINAGE COMMISSIONERS.

In the matter of the RUSSELL SHUGART ET AL DRAIN.

The undersigned Viewers and drainage Commissioners, to whom was referred the above entitled petition for the drainage of certain lands in Noblesville Township, Hamilton County, Indiana, would respectfully show that as directed by the order of said Court they hereby submit this their report. That as shown by the within report they have definitely determined the best and cheapest method of draining said lands. They have fixed the route, location and character of said work and fixed the same by meets and bounds, courses and distances, descriptions, grades and bench marks, including all necessary arms or branches so as to provide for the complete drainage of the lands to be affected by the proposed work. They have divided the drain into sections, each not more than one hundred feet in length, that they have computed and set out the number of cubic yards of excavation in each station and they have assessed the benefits and damages as the case may be, to each separate tract of land, to the right of way of the Central Indiana R.R. and to the proper townships where the highways are affected. They have fixed the beginning and outlets of said drain so as to secure the best results and cause the least possible injury to the lands affected, and so as to benefit the streets, alleys and public highways.

That in the court of said drain they have followed the natural course as near as possible, that in a portion of said ditch, said ditch should be cleaned, obstructions removed, and that the work should be done with a shovel.

That said drain will be practical when completed. That the same will improve public health. That the same will be of public utility and that the cost, damages and expenses of completing said work will be less than the benefits to the owners of the property likely to be affected.

Said drains has been divided into stations of 100 feet each and numbered from station 0 to 36 on the main ditch and from station 0 to 13.13 on arm No. 1 and from station 0 to 8.10 on arm No. 2 and from station 0 to 4.93 on arm No. 3.

That the cheapest and best method of securing said drain is by a main ditch and three arms located as follows:-

LOCATION.

Beginning near the 1/8 section line on the Westfield-Crawfordsville pike, northwest 1/4 sec. 3 Township 18 north range 4 east, run thence in a southeasterly direction to the Central Indiana R.R. crossing said railroad right-of-way and following on and near the line of an open drain to the west side of the North and South road on the center of the Sec. 3 Township 18 North Range 4 East a distance of 36.00 feet,

Arm No. 1. Beginning about 300 feet South and 600 feet East of the northwest corner of the southwest 1/4 of the N.W. 1/4 of Sec. 3 Township 18 North Range 3 East and running in an easterly direction to the main ditch at Station 13.

Arm No. 2. Begins at Station 0 north of the Central Indiana R.R. and runs 810 ft. east to the main ditch at station 14.50

Arm No. 3. Begins at station 0 and runs northwest to station 4.93 joining arm No. 1 at station 7.

CONCRETE WORK: All concrete work shall be built in unyielding forms of dressed lumber. The concrete shall be mixed in a proportion of one part first quality Portland cement to five parts of clean sand and gravel approved by the Engineer in charge. All exposed surfaces shall have a spaded finish. There shall be five joints of Vitrified Tile at the Outlet.

TILE AND MATERIAL: All tile and material used in this ditch shall be first class and subject to inspection of the Engineer in charge before being used in the ditch.

Laying and Filling the Ditch.

After the tile portion of the ditch has been dug the tile are to be laid in the trench to the proper grade as shown on the profile, herewith attached and marked exhibit B, in a true line with the joints well matched and to be left uncovered until inspected by the Engineer in charge of the work and accepted, after which the ditch is to be covered full and well packed so that no settlement will occur.

All the earth removed from the open part shall be deposited 2' from the break of the banks.

The side slope of the open part shall be 45 degrees with bottom
Trees and shrubs shall be deadened back 25 feet from the both sides of the ditch.

SPECIFICATIONS.

The main ditch shall consist of :

Station	Size Tile.
0---15	10"
15---18	12"
18---36	15"
Arm No. 1	
0-13.10	8"
Arm No. 2.	
0-8.10	8"
Arm No. 3	
0-4.93	6"

There shall be a Concrete head-wall at station 36 of the Main Ditch 12 ft. long and of sufficient height to hold the grade back. Said headwall shall be 18" thick at the bottom and 10" thick at the top and extend 18" below the grade line of Said Drain.

There shall be a 13/16 inch iron pipe 10" in diameter under the Central Indiana R.R. on the main ditch --- the length to suit the grade at said crossing.

PROFILE
EXHIBIT B.

MAIN DITCH.

Station	Ditch	Cu. Yds.	Station	Depth	Cu. Yds.
0	275	-----	33	372	17.17
1	393	15.44	34	390	17.64
2	389	18.10	35301	301	15.99
3	326	16.53	36	---	6.96
4	282	14.07	Total	-----	576.87
5	281	13.03			
6	303	13.52			
7	313	14.26	7	443	25.46
8	354	15.44	8	449	20.65
9	359	16.50	9.10	432	2.03
10	315	15.60			158.48
11	385	16.20			
12	426	1877			
13	409	19.32	Arm No. 3.		
14	442	19.77	0	250	---
15	328	17.82	1	304	13.75
16	332	15.27	2	393	16.13
17	359	15.99	3	642	23.96
18	402	17.61	4	411	24.56
19	387	18.26	5.93	477	19.11
20	392	18.03	Total	-----	97.51
21	293	16.09			
22	265	1291			
23	265	12.91			
24	309	13.28			
25	313	14.28			
26	325	14.77			
27	312	14.74			
28	282	13.75			
29	319	13.91			
30	379	16.15			
31	648	23.77			
32	370	23.50			

Total excavation-----1,008.61

ESTIMATED COST OF CONSTRUCTION.

1500 ft. of 10" tile	\$ 99.00
300 ft. of 12" tile,	28.50
1800 ft. of 15" tile,	297.00
1310 ft. of 8" tile,	62.88
810 ft. of 8" tile,	38.88
493 ft. of 6" tile,	13.31
Head Wall,	25.00
5 joints of vitrified tile,	8.00
Cutting and Filling,	426.00
Iron Pipe 10" under R.R. right-of-way	200.00
Total estimate,	\$ 1198.57

Attorney's fees,	60.00
Viewing,	24.00
Engineer,	24.90
Docket fee,	8.00
Recording,	1.00
Printing,	15.00
Supt. Const.---Coll. Assessment,	75.00

Arm No. 1.

0	196	---
1	312	11.76
2	259	13.21
3	276	12.38
4	257	1303
5	289	12.64
6	267	12.87
7	377	14.91
8	230	1405
9	267	11.50
10	292	12.94
11	330	14.39
12	313	14.19
13	372	17.88
		175.75

Arm No. 2.

0	330	---
1	265	13.77
2	240	11.69
3	255	11.46
4	400	15.16
5	730	26.16
6	657	32.10

Day. Hamilton Circuit Court,

Term, 19

ASSESSMENTS OF BENEFITS

Tom Henderson, pt. NE SW 3--18--4-----	\$ 47.50
Noblesville Tp. benefit to highways,-----	70.00
Anna Deeds pt. SE NW 3--18--4-----	210.00
Dan Dawson pt SW NW 3--18--4-----	35.00
Benson Estate SE NE 4--18--4-----	6.00
John Dill pt. SW NW 3--18--4-----	36.00
Haden Kirby pt. SE NE 4--18--4-----	48.00
Antony Gerbert pt. SE NE 4--18--4-----	
" " " pt. SW SW 34--19--4-----	84.00
Albert Bealt pt. NE NE 4--18--4-----	90.00
Edd Lowery pt. NW NW 3--18--4-----	64.50
Cyrus Chance pt- NW NW 3--18--4-----	6.00
Benson Est., Mary Bendon pt. NW NW 3--18--4-----	6.00
Albert Whiting pt SE SE 33--19--4-----	120.00
Elmer Mott pt NE SE 33--19--4-----	60.00
S.J.Mott pt NE SE 33--19--4-----	60.00
Wm. Clark pt SE NE 33--19--4-----	12.00
Russell Shugart pt NE NW 3--18--4-----	18.00
Central Indiana R.R.-----	225.00
Loc. George pt SE SE 34--19--4-----	30.00
Hadley Whicker pt NW NW 3--18--4-----	15.00

STATE OF INDIANA
HAMILTON COUNTY SS:

We the undersigned drainage Commissioners of Hamilton County, Indiana, to whom was referred the above entitled petition for report after each being duly sworn upon his oath says, that we have each personally examined each tract of land as above set out in this report and that we have each examined the whole line and route of the proposed drain and no other lands than those described will be benefitted or injured by said drain and that the above report is true in substance and in fact as we verily believe.

W.W.Morris
Jesse E.Venable
Chas. H.Wann,
Drainage Commissioners.

Subscribed and sworn to before me this 23 day of May, 1914.

Will F.Wall,
Clerk Hamilton County.