

Source Document Log
Source Document Discrepancy Log (Over)

Drain: John Roe

Drain: JOHNL ROE **Drain #:** 137

Improvement/Arm:

Operator: J. LIVINGSTON

Date: 6-1-04

Drain Classification: Urban/Rural **Year Installed:** 1929

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: Johnd 120E

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	Price: <small>(in Applicable)</small>	Cost:
TILE	8"	450'	450'		2.55/lf	900.00
	10"	1410'	1410'		3.55/lf	4230.00
	14"	366'	366'		4.25/lf	1555.50
OPEN DITCH	-	84'	84'		19.55/lf	1642.00
TILE - ARMED	8"	227'	227		2.55/lf	454.00

Sum: 2537' 2537' \$8781.70

Final Report: 2537'

Comments:

23164

John Roe Drain

FILED

MAR 23 1929

J. E. Turner
CLERK HAMILTON C. S.

STATE OF INDIANA)
) ss
HAMILTON COUNTY.)

IN HAMILTON CIRCUIT COURT.

23164

IN THE MATTER OF THE PETITION
OF JOHN ROE, ET. AL. FOR THE
REPAIR OF THE JOHN ROE DRAIN.

Report of the Drainage Commissioner and Engineer,
To the Honorable Board of Commissioners of Hamilton County,
we the undersigned Commissioners of Drainage and the Engineer, to whom the
above entitled petition for Drainage of certain lands in Adams Township,
Hamilton County, Indiana, was referred.

We would respectfully report that we met in the Auditors Office on the
6th day of March, 1929, qualified and proceeded to view said Drain and lands
affected thereby.

After a careful investigation of the condition of said Drain, we are of
the opinion that said Drain should be repaired and in a manner set out in this
report and that the same when completed will improve the public health and
will reclaim certain lands, and will be a public utility, and will benefit
highways, also that the costs of constructing, damages and expenses of ef-
fecting said Drain will be less than the benefits to the lands effected by
said Drainage.

That we 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 notes and bounds, courses, dis-
tances, descriptions and guides and bench marks, for complete outlet fair
the Drainage of said lands affected by said proposed work; that we divided the
Ditch in to sections of not more than 100 feet in length by setting stakes
at each 100 feet.

LOCATION.

Commencing 150 feet south and 10 feet west of the center of the Northwest
quarter of Section 13 Township 20 North, Range 3 East, run thence North 83°
East 70 feet, thence North 33° East 630 feet; thence North 19° East 300 feet
thence North 25° East 700 feet; thence 2° East 2610 feet and terminate in
Little Cicero Creek at a point 450 feet west and 534 feet north of the North-
east corner of Section 13 Township 20 North, Range 3 East. Also an Arc
beginning 340 feet West and 70 feet South of the Northwest corner of said
Section 13; run thence North 76° West 227 feet and enter Main Ditch at Station
18-60 on said Main Ditch. *Arc to consist of one row of
8 inch tile*

REQUIREMENTS.

Said ditch to consist of one row of 8 inch tile from station 0 to station
4-50, and one row of 10 inch tile from station 4-50 to station 18-60 and one
row of 14 inch tile from station 18-60 to station 22-26 and an open channel
3 feet wide in the bottom with side slopes of 45 degrees from station 22-26 to
23-10. At station 18-60 shall be constructed a Concrete Catch Basin 4 feet by
7 feet by 4 feet six inches outside measurements with walls and bottom 8 inches
thick, and to be covered with a latticed grate made from $\frac{1}{2}$ by $\frac{1}{2}$ angle Iron
as shown on Plan. At the lower end of the tile shall be imbedded in concrete
by placing a bed of concrete for the tile to be laid upon and then running a
2 inch layer of concrete completely around the tile for a distance of 25 feet
back from both end of tile.

Said ditch to be constructed by excavating all earth, mud, slush, boulders
rocks and stone from the bed of said ditch to the depth and width shown on the
tabulated statements of cuts and widths. Said tabulated statement is hereby
made a part of this report.

All materials excavated shall be equally distributed on both banks by
alternating the lifts, and shall be deposited not nearer than three feet from
the break of the bank (meaning the line as indicated by the slope with the
general elevation of the ground). Said materials not to be left in heaps or piles.

The work will be staked 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 Drain towards its upper end. The Ditch to be dug along one side of the line of the Survey Stakes, and sufficient from so as not to disturb them, and shall be dug in a straight and clean manner. In taking out the last draft, of 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 upstream. The tile must be laid as closely as practicable and in a line free from crevices, the pieces 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 reason 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 other indestructable 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 trench does not afford sufficient material, and in no case less than two (2) feet in depth over the tile in new cuts. 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 ether material first being used, and in no case 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 caving 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 lay out 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 shall be 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 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,

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.....	\$.....
Total, \$..7..0..6..0..	

Estimate Expense, including,

Attorney fee's,.....	\$.....
Recording and Releasing,.....	\$.....
Legal Printing,.....	\$.....
Superintendent of Construction,.....	\$.....
Court Expenses,.....	\$.....
Contingency Fund,.....	\$.....
Total, \$..1..5..0..0..	

We claim for Services, Expenses and Mileage to date for;

..... Drainage Commissioner,	\$...1..0.. ⁰⁰
..... Viewer,.....	\$...1..0.. ⁰⁰
..... Engineer and Helpers,	\$...2..7.. ⁸⁰
Total, \$..7..7..⁸⁰	

Grand Total, \$..9..2..9..⁴⁰

John Roe Drain.

Main Ditch.

Sta.	Ground Cut.	Cu. Yards.
0	3.00	25
1	3.30	15
2	3.20	15
3	3.00	15
4	3.50	15
5	3.00	15
6	3.40	18
7	3.70	20
8	3.50	20
9	3.80	21
10	3.30	24
11	2.80	21
12	3.50	21
13	3.00	22
14	3.60	22
15	4.40	27
16	4.70	30
17	4.81	30
18	4.36	30
19	3.21	28
20	3.46	25
21	3.21	25
22	4.66	29
23	4.01	66

554

ADM

0	3.01	
1	3.51	14
2	4.01	14
2-27	4.30	4

586

John Roe Crane

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.
Roscoe Comstock	1/4 S.E. S.E.	12	20	3	8		2				25		25	V
John Roe	1/2 N.E. N.E.	12	20	3	20		.15				245		245	V
Jewell & Kinshaw wif Pt S.W.	N.E.	13	20	3	40		25				175		175	00
Layton McNamee	1/2 N.E. N.E.	13	20	3										
	Pt S.E. N.E.	13	20	3	20						160			
	Pt W 1/2 N.W. 18 20 4				35		35				120	.90		
							28	28			53	.50	334	40
<i>Hamilton County Benefit to Public Highways</i>														
1 E & W lot		1/3	20	3							125			
1 N & S lot		1/8	20	3/4							25		160	V
													929	.40

STATE OF INDIANA)
) SE
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.

L. M. Sturtevant.....
Clinton Haughey.....
Viewers.

J. B. Hannon.....
Engineer.

Subscribed and sworn to before me this 23 day of March 1903.

W. E. Turner.
Auditor of Hamilton County.