



**Drain:** JOHN 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 \_\_\_\_\_

*J. Livingston*

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

Drain-Improvement: JOHN ROE

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
TILE	8"	450'	450'		2. <sup>00</sup> /lf	900. <sup>00</sup>
	10"	1410'	1410'		3. <sup>00</sup> /lf	4230. <sup>00</sup>
	14"	366'	366'		4. <sup>25</sup> /lf	1555. <sup>50</sup>
OPEN DITCH	-	84'	84'		19. <sup>55</sup> /lf	1642. <sup>20</sup>
TILE - ARM	8"	227'	227'		2. <sup>00</sup> /lf	454. <sup>00</sup>

Sum: 2537' 2537' \$8781.<sup>70</sup>

Final Report: 2537'

Comments:

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23164

John Roe Drain

FILED

MAR 23 1929

J. E. Thomas  
CLERK HAMILTON CO. IN.



The work will be staked by the Engineer and his stakes must be a 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, 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 cracks, 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 indestructible material, junctions with branch lines must be carefully and 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 <sup>w</sup> 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 other 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.....	\$.....
Station.....to Station.....	\$.....
Station.....to Station.....	\$.....
Station.....to Station.....	\$.....
Station.....to Station.....	\$.....
Total,	\$..701.60..

Estimate Expense, including,

Attorney fee's,.....	\$.....
Recording and Releasing,.....	\$.....
Legal Printing,.....	\$.....
Superintendent of Construction,.....	\$.....
Court Expenses,.....	\$.....
Contingency Fund,.....	\$.....
Total,	\$..150.00..

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

..... Drainage Commissioner,	\$..10.00..
..... Viewer,.....	\$..10.00..
..... Engineer and Helpers,	\$..57.80..
Total,	\$..77.80..

Grand Total, \$..929.40..



Joha Roe Drain.

Main Ditch.

Sta.	Ground Cut.	Cu. Yards.
0	3.00	21
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	3.88	21
10	3.38	24
11	2.88	21
12	3.58	21
13	3.08	22
14	3.68	22
15	4.48	27
16	4.78	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
	ARM	
0	3.01	
1	3.51	14
2	4.01	14
2-27	4.30	4

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586

*John Roe Drain*

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.
<i>Roscoe Comstock</i>	<i>1/4 S.E. S.E.</i>	<i>12</i>	<i>20</i>	<i>3</i>	<i>8</i>		<i>8</i>				<i>25</i>		<i>25</i>	<i>✓</i>
<i>John Roe</i>	<i>1/2 N.E. N.E.</i>	<i>12</i>	<i>20</i>	<i>3</i>	<i>20</i>		<i>15</i>				<i>245</i>		<i>245</i>	<i>✓</i>
<i>Irvin S. Hinshaw &amp; wf</i>	<i>Pt. S.W. N.E.</i>	<i>13</i>	<i>20</i>	<i>3</i>	<i>40</i>		<i>25</i>				<i>175</i>		<i>175</i>	<i>✓</i>
<i>H. W. Case, Jr. &amp; wf</i>	<i>1/2 N.E. N.E.</i>	<i>13</i>	<i>20</i>	<i>3</i>										
<i>Layton McVane</i>	<i>Pt. S.E. N.E.</i>	<i>13</i>	<i>20</i>	<i>3</i>	<i>20</i>		<i>20</i>				<i>160</i>			
	<i>Pt. W<sup>2</sup> N.W.</i>	<i>18</i>	<i>20</i>	<i>4</i>	<i>35</i>		<i>35</i>				<i>120</i>	<i>90</i>		<i>✓</i>
					<i>28</i>		<i>28</i>				<i>53</i>	<i>50</i>	<i>334</i>	<i>40</i>
<i>Hamilton County</i>	<i>Benefit to Public</i>													
	<i>Highways</i>													
	<i>1 E &amp; W lot</i>	<i>17</i>	<i>20</i>	<i>3</i>							<i>125</i>			
	<i>1 N &amp; S lot</i>	<i>13</i>	<i>20</i>	<i>3</i>							<i>25</i>		<i>150</i>	<i>✓</i>
		<i>18</i>	<i>20</i>	<i>4</i>							<i>929</i>	<i>40</i>		

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. Stultz*.....

.....*Clinton Haughey*.....  
Viewers.

.....*J. H. Cannon*.....  
Engineer.

Subscribed and sworn to before me this *23* day of *March* 19*02*.

.....*W. E. Luman*.....  
Auditor of Hamilton County.