





In the matter of the  
B B Johnson et al  
Drain

Report of  
Engineer Com. -

Report - Approved and

Order entered and

Hugh Johnson, Superintendent

Hamilton, Mich. P. B.  
Feb. 18 - 1908

JAN 20 1908

STATE OF INDIANA, |  
HAMILTON COUNTY, |SS  
|

IN THE MATTER OF THE |  
BEVERLY B. JOHNSON, ET |  
AL. DRAIN. |

REPORT OF HUGH JOHNSON, COUNTY SURVEYOR.

To the Honorable Board of Commssioners of Hamilton County,  
Indiana:--

The undersigned, Surveyor of Hamilton County, to whom was referred the above entitled petition for drainage on the 12th day of December, 1907, would respectfully report, that on the 31st day of December, 1907, and on the 7th day of January, 1908, I made all the necessary surveys and personal inspection of the real estate described in the petition and all lands likely to be effected by the proposed work and that I would respectfully report as follows:-- That the drainage as proposed in said petition is practicable; that the same when constructed will improve the public health and will be of public utility. That there will be one public highway benefited by drain.

I would further report that the cost of construction, ~~xxxx~~ damages and expenses of effecting said proposed drainage will be less than the benefits to the owners of land likely to be effected by said proposed drainage .

I would further respectfully represent and show to the Board that the proposed drain will not exceed two (2) miles in length and will not cost to exceed Three Hundred (\$300.00) Dollars exclusive of the tile that may be used therein and that I am not interested in said proposed drainage, and that I am not in any way related to any of the parties likely to be affected thereby.

## L O C A T I O N .

Beginning at a point 7.30 feet east and 150 feet south of the northwest corner of the southwest quarter of Section 7, Township 20 north, Range 6 East, run thence South 72° East 100 feet, thence South 30° East 200 feet, Thence South 80° East 380 feet, thence east 120 feet, thence South 83° East 300 feet, thence South 87° East 345 feet; thence South 55° East 355 feet; thence South 72° East 600 feet; thence North 85° East 185 feet, thence South 85° East 460 feet; thence East 100 feet; thence North 65° East 130 feet; thence North 46° East 170 feet; thence North 75° East 175 feet terminating in an open ditch 450 feet east and 60 rods south of the North east corner of the southeast quarter of Section 7 Township 20 north Range 6 East/

## R E Q U I R E M E N T S .

The Ditch to consist of one row of 6" drain tile from Station 0 to Station 9, and one row of 7" drain tile from Station 9 to Station 19 + 45 and one row of 8" drain tile from Station 19 + 45 to Station 41 + 65 and one row of 10" sewer tile from Station 41 + 65 to Station 41 + 75 or terminus of ditch.

## S T O N E W A L L .

At Station 41 + 75 to be constructed a stone retaining wall 16' X 5' X 2' as shown on attached drawing. Said ~~walk~~ <sup>wall</sup> to be built of field rock laid up in mortar made from one part Portland Cement and three parts clean, sharp sand and so constructed to receive the tile at proper grade 2' above the base of the wall.

## L A Y I N G T I L E , F I L L I N G D I T C H , D E A D E N I N G , E T C .

All tile used in the construction of the ditch to be first class, hard burnt tile and be subject to the inspection and approval of the Superintendent in charge of the work, and to be laid in the ditch in a true line with joints well matched and at proper grade as shown by profile hereto attached and marked "Exhibit B" and to be left uncovered until inspected by the Superintendent and which the trench shall be filled full and well tamped. All trees to be deadened and bushes cut for a distance of 25 feet on each side of the ditch. All work to be done in a first class and workmanlike manner and to the full satisfaction of the Superintendent in charge of the construction. When a new ditch follows the line of the old tile drain, the contractor shall carefully remove the old tile and place them on the bank to remain the property of the owner,

General Specifications.-

|  |                  |
|--|------------------|
| Length of ditch-----                     | 4175 feet.       |
| Fall of established grade -----          | 1                |
| From station 0 to station 9-----         | $\frac{42}{100}$ |
| From station 9 to station 29 -----       | $\frac{24}{100}$ |
| From station 29 to station 33 -----      | $\frac{13}{100}$ |
| From station 33 to station 41 + 75 ----- | $\frac{51}{100}$ |

Estimated Cost.-

|   |           |
|---|-----------|
| 924 cubic yards of excavation -----           | \$ 179.75 |
| Laying tile, filling ditch, deadning & etc. - | 65.00     |
| Stone retaining wall - -----                  | 25.00     |
| 900 feet drain tile (6 inch) -----            | 27.83     |
| 1045 feet drain tile (7 inch) -----           | 41.38     |
| 2220 feet drain tile (8 inch) -----           | 117.22    |
| 10 feet ten inch sewer tile -----             | 4.00      |

Total \$ 460.18

THIS AGREEMENT WITNESSETH:-- That Whereas there is about to be constructed the B. B. Johnson Ditch over the land of B. B. Johnson and over and through the land of the undersigned, and whereas it is possible to carry all the water through and under my own land by the connection of two certain ditches composed and partly constructed of eight inch tile and by the removal of certain sewer across the highway between our land known as ~~at~~ the Omega and Aroma Free gravel Road, now therefore in consideration that I be not assessed in any sum for the construction of B. B. Johnson Ditch I agree with the County Surveyor and the County Commissioners <sup>And maintain</sup> (to connect) the said two eight inch ditches heretofore mentioned with the proper channel and eight inch tile in a manner that ~~xxxxxxx~~ shall meet the approval of said County Surveyor and that the said Commissioners may remove said sewer across said highway and be released and discharged from any damage that may accrue to me in consequence of the removal of said Sewer.

Dated this 2 day of January 1908.

J. B. Sumner

*The above tile  
Ditches is connected*

| No. | NAMES.           | DESCRIPTION OF LANDS.  | Section | Tp. | Range | Acres Assessed |      | Acres Benefited |      | Amt. of Assessm't |      | Totals |      |
|-----|------------------|--|---------|-----|-------|----------------|------|-----------------|------|-------------------|------|--------|------|
|     |                  |  |         |     |       | A              | Hun. | A               | Hun. | \$                | Cts. | \$     | Cts. |
| 1   | B B Johnson      | pt NW  | SE      | 7   | 20    | 6              | 25   |                 |      | 144               | 00   | 340    | 00   |
|     | do               | pt NE  | SE      | 7   | 20    | 6              | 34   |                 |      | 19                | 00   |        |      |
| 2   | Mary A Foland    | pt NE  | SW      | 7   | 20    | 6              | 8    |                 |      | 28                | 26   | 43     | 00   |
|     | do               | pt SE  | SW      | 7   | 20    | 6              | 2    |                 |      | 7                 | 32   |        |      |
|     | do               | pt SW  | SE      | 7   | 20    | 6              | 2    |                 |      | 7                 | 32   |        |      |
| 3   | Joseph Carpenter | pt NW  | SW      | 7   | 20    | 6              | 6    |                 |      |                   |      | 60     | 00   |
| 4   | Sanford Ault     | pt NW  | SW      | 7   | 20    | 6              | 6    |                 |      |                   |      | 29     | 00   |
| 5   | Wm A Leiman      | pt NW  | SW      | 7   | 20    | 6              | 7    |                 |      |                   |      | 42     | 00   |
| 6   | Alfred Leiman    | pt NW  | SW      | 7   | 20    | 6              | 100  |                 |      |                   |      | 10     | 00   |
| 7   | Chas Harvey      | pt NE  | SE      | 7   | 20    | 6              | 6    |                 |      |                   |      | 12     | 00   |
| 8   | White River Twp  | Highway E to W than<br>known as the Aroma<br>and Omega Trer Gravel Road. |         | 7   | 20    | 6              |      |                 |      |                   |      | 15     | 00   |

561



# PROFILE PAPER.

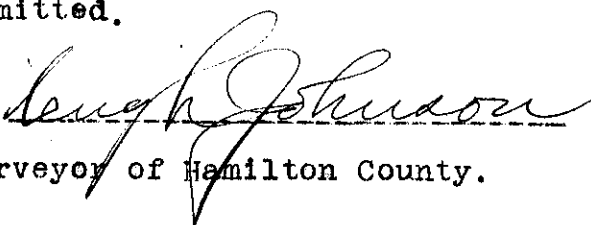
*Exhibit B*

| No. of Station. | Depth of Cut.  | Width on Top. | Width in Bottom. | No. of Cubic Yards to be Removed. | Price per Cubic Yard. | Total Cost per Station. |
|-----------------|----------------|---------------|------------------|-----------------------------------|-----------------------|-------------------------|
| 0               | <del>423</del> |               |                  |                                   |                       |                         |
| 1               | <del>379</del> |               |                  |                                   |                       |                         |
| 2               | <del>413</del> |               |                  |                                   |                       |                         |
| 3               | 441            |               |                  |                                   |                       |                         |
| 0 4             | 492            |               |                  |                                   |                       |                         |
| 1 5             | 473            |               |                  |                                   |                       |                         |
| 2 6             | 478            |               |                  |                                   |                       |                         |
| 3 7             | 322            |               |                  |                                   |                       |                         |
| 4 8             | 0.83           |               |                  |                                   |                       |                         |
| 5 9             | 374            |               |                  |                                   |                       |                         |
| 6 10            | 399            |               |                  |                                   |                       |                         |
| 7 11            | 429            |               |                  |                                   |                       |                         |
| 8 12            | 438            |               |                  |                                   |                       |                         |
| 9 13            | 452            |               |                  |                                   |                       |                         |
| 14              | 421            |               |                  |                                   |                       |                         |
| 15              | 435            |               |                  |                                   |                       |                         |
| 16              | 444            |               |                  |                                   |                       |                         |
| 17              | 450            |               |                  |                                   |                       |                         |
| 18              | 482            |               |                  |                                   |                       |                         |
| 19              | 451            |               |                  |                                   |                       |                         |
| 20              | 433            |               |                  |                                   |                       |                         |
| 21              | 456            |               |                  |                                   |                       |                         |
| 22              | 460            |               |                  |                                   |                       |                         |
| 23              | 431            |               |                  |                                   |                       |                         |
| 24              | 431            |               |                  |                                   |                       |                         |
| 25              | 430            |               |                  |                                   |                       |                         |
| 26              | 369            |               |                  |                                   |                       |                         |
| 27              | 331            |               |                  |                                   |                       |                         |
| 28              | 323            |               |                  |                                   |                       |                         |
| 29              | 351            |               |                  |                                   |                       |                         |
| 30              | 373            |               |                  |                                   |                       |                         |
| 31              | 559            |               |                  |                                   |                       |                         |

# PROFILE PAPER.

| No. of Station.        | Depth of Cut. | Width on Top. | Width in Bottom. | No. of Cubic Yards to be Removed. | Price per Cubic Yard. | Total Cost per Station. |
|------------------------|---------------|---------------|------------------|-----------------------------------|-----------------------|-------------------------|
| 32                     | 376           |               |                  |                                   |                       |                         |
| 33                     | 368           |               |                  |                                   |                       |                         |
| 34                     | 431           |               |                  |                                   |                       |                         |
| 35                     | 401           |               |                  |                                   |                       |                         |
| 36                     | 393           |               |                  |                                   |                       |                         |
| 37                     | 350           |               |                  |                                   |                       |                         |
| 38                     | 326           |               |                  |                                   |                       |                         |
| 39                     | 257           |               |                  |                                   |                       |                         |
| 40                     | 307           |               |                  |                                   |                       |                         |
| 41                     | 277           |               |                  |                                   |                       |                         |
| <del>41+75</del><br>72 | 145           |               |                  |                                   |                       |                         |

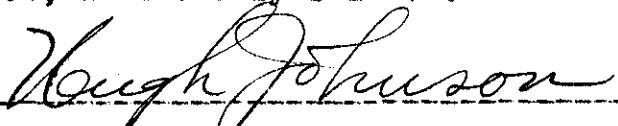
Respectfully submitted.

  
Surveyor of Hamilton County.

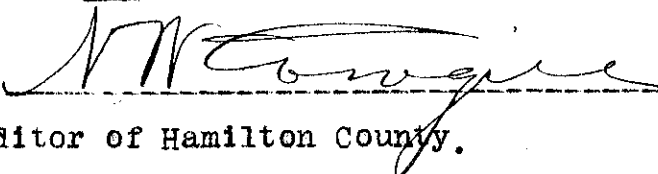
STATE OF INDIANA. |  
HAMILTON COUNTY, | SS

IN THE MATTER OF THE  
BEVERLY E. JOHNSON, ET AL.  
DRAIN.

The undersigned, Surveyor of Hamilton County, State of Indiana, to whom was referred the above entitled petition for report, after being first duly sworn upon his oath, says, that he personally examined each track of land assessed for benefits and injuries in the foregoing report, and that he has examined the whole line and route of the proposed drainage; that the assessments herein before made and reported are correct, just and equitable to all of the parties therein named as interested; that no other lands will be ~~xxx~~ benefited or injured by said proposed drain; that the above and foregoing report is true in substance and in fact, as I verily believe.

  
Surveyor of Hamilton County.

Subscribed and sworn to before me this 23 day of January, 1908.

  
Auditor of Hamilton County.