

**Source Document Log**  
**Source Document Discrepancy Log**

Drain: GEORGE BOOTH

Main/Arm Name	Document Name	Document ID	Info From Document	If Applicable	
				Document w/ Discrepancy	Description of Discrepancy
	PETITION FOR DRAIN	CR 16 PGS 189-96			
	SUPERINTENDENT'S REPORT	CR 17 PG 62	COMPLETION OF CONSTRUCTION		
	SURVEYOR'S REPORT	4-20-2001	DRAIN CLASSIFICATION - URBAN		

**Drain:** GEORGE BOOTH **Drain #:** 107  
**Improvement/Arm:** MAIN, ARM 1, ARM 2  
**Operator:** J. LIVINGSTON **Date:** 10-28-03  
**Drain Classification:** Urban/Rural **Year Installed:** 1905

### GIS Drain Input Checklist

- Digitize & Attribute Tile Drains           jlf
- Digitize & Attribute Storm Drains           n/a
- Digitize & Attribute SSD           n/a
- Digitize & Attribute Open Ditch           jlf
- Sum drain lengths & Validate           jlf
- Enter Improvements into Posse           n/a
- Enter Drain Age into Posse           jlf
- Sum drain length for Watershed in Posse           jlf
- Stamp Plans           n/a
- Pull Source Documents for Scanning           jlf

11-14-2003 bc'd summary sln ok ✓

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

Drain-Improvement: GEORGE BOOTH - MAIN, ARM1, ARM2

Drain Type:	Size:	Length ( )	Length (DB Query)	Length Reconcile	Price:	Cost:
TILE -	8"	500'	500'		2. <sup>00</sup> / <sub>14</sub>	1000. <sup>00</sup>
	10"	200'	200'		3. <sup>00</sup> / <sub>14</sub>	600. <sup>00</sup>
	12"	712'	712'		4. <sup>00</sup> / <sub>14</sub>	2848. <sup>00</sup>
OPEN DITCH	-	658'	658'		19. <sup>55</sup> / <sub>14</sub>	12863. <sup>90</sup>
TOTAL		2070'	2070'			17311. <sup>90</sup>
ARM1 - TILE	6"	1406'	1406'		1. <sup>00</sup> / <sub>14</sub>	1406. <sup>00</sup>
ARM2 - TILE	5"	677'	677'		1. <sup>00</sup> / <sub>14</sub>	677. <sup>00</sup>

Sum: 4153'      4153'      \$ 19394.<sup>90</sup>

SURVEYOR'S  
REPORT 1905  
Final Report: 4153'

Comments:  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

December Term.

Tuesday, Dec. 5 - 1905.

Arms No. 1

Consists of 1 row of 6 in. drain tile from station 0 to station 14 + 06, and to be connected with the tile in said main ditch in a first class and workmanlike manner.

Arms No. 2

Consists of 1 row of 5 in. drain tile from station 0 to station 6 + 77, and to be connected with the tile in said main ditch in a first class and workmanlike manner.

All tile to be used in the construction of said ditch and arms to be first class in every respect and to be laid in the ditch in a true line, with joints well matched, and left uncovered until inspected and accepted by the County Surveyor, then to be covered with earth to a depth of 24 inches where ditch is in old open channel, and where ditch is new cut, the trench to be filled full.

At station 14 + 12, there is to be constructed a stone wall, dimensions 18' x 5' x 8'; said wall to be built from migger head stones, or field rock, and laid up in mortar made from one part Portland Cement to two parts of good sharp sand, so constructed as to receive the tile at proper grade, 18 inches above the base of said wall.

The fall of the established grade in said main ditch is  $\frac{60}{100}$  ft. in 100 ft. from station 0 to station 5 and is  $\frac{30}{100}$  " " " " " " 5 " " 14 + 12 " "  $\frac{25}{100}$  " " " " " " 14 + 12 " " 20 + 70 or terminus.

At station 14 + 12 at the mouth of the tile the grade of said ditch drops  $\frac{26}{100}$  feet.

The fall of the established grade in Arm No 1 is  $\frac{69}{100}$  ft in 100 ft. from station 0 to station 5 and is  $\frac{74}{100}$  ft. " " " " " 5 " " 10 " "  $\frac{32}{100}$  " " " " " 10 " " 14 + 06 or terminus.

The fall of the established grade in Arm No. 2 is  $\frac{33}{100}$  ft. in 100 ft. for the entire length.

December 5<sup>th</sup> 1903

Dec. 5 - 1903

Location.

Commencing at a point 35 rods south of the north west corner of the north east quarter of the south east quarter of section 29, township 19 north, range 4 east, running thence

South 82° east from station 0 to station 1, thence

South 72° east " " 1 " " 2 "

" 66° " " " 2 " " 5+15 "

" 78° " " " 5+15 " " 8 "

" 78° " " " 8 " " 15+68 "

" 47° " " " 15+68 " " 17 "

" 80° " " " 17 " " 19 "

" 70° " " " 19 " " 20+70 and

Terminating at a point 137 feet south and 239 feet east of the south east corner of the north east quarter of the south east quarter of section 29, township 19 north, range 4 east.

Drain No. 1.

Commences at a point 775 feet west of the south east corner of the north west quarter of the south east quarter of section 29, township 19 north, range 4 east, running thence north 60° east from station 0 to station 2, thence north 50° east from station 2 to station 14+06, and terminating in the main ditch at station 5.

Drain No. 2.

Commencing at a point 176 feet east of the south west corner of the north east quarter of the south east quarter of section 29, township 19 north, range 4 east, running thence north 30° east from station 0 to station 6+77, and terminating in the main ditch at station 7.

Requirements.

Said main ditch consists of 1 row of 8 in. drain tile from station 0 to station 5, and 1 row of 10 in. drain tile

" " 5 " " 7 " 1 " " 18 " " "

" " 7 " " 14 " 1 " " 18 " " "

" " 14 " " 14+12 and from station 14+12

to station 20+70 to be an open ditch one foot wide in the bottom, with banks sloping 1' to 1' or 45° slope.

All dirt removed from said open portion of said ditch to be deposited not nearer than two feet of the

break of the banks. The timber to be cleared to a distance of one rod on each side of the ditch.

June Term

Dec. June 4-1907.

Saw the matter of  
Final Report of  
Geo. P. Booth Drain.

Came now H. Findley, Superintendent of Construction of the Geo. P. Booth Drain and files and submits to the Board his final report, said report being as follows, to-wit:-

Superintendent's Report. George Booth Drain.

To Honorable Board of Commissioners.

The undersigned Superintendent of Construction appointed by said board on Dec. 5, 1905, would report that said ditch has been completed in all respects, in accordance with the preliminary report made and adapted for the same, and would further report receipts and disbursements as follows:-

Receipts.

Out of Assessments confirmed by said Board. \$ 500.50

Disbursements.

A. W. Smith.	Receipt book.	.15
Henty & Coe.	Attorney.	25.00
H. Findley.	Preliminary report and survey.	33.00
County Recorder.	Recording Assessments.	1.00
County Auditor	Reimbursed costs.	13.50
B. D. Chance.	Contractor.	394.75
H. Findley.	Dept. Construction.	33.00
Recorder.	Releasing Assessments.	20
	Total.	<u>500.60</u>

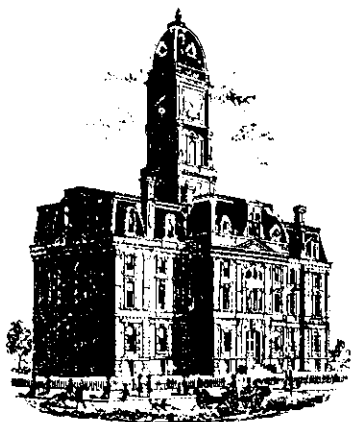
Deficit. 10<sup>cts</sup>

Respectfully Submitted.

H. Findley.

Superintendent.

And the Board having seen and examined said report and being duly advised in the premises do now accept and approve the same in all respects.



SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor

Phone (317) 776-8495

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Suite 188

One Hamilton County Square  
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

April 20, 2001

Re: George Booth Drain

Upon review of the maintenance fund for the George Booth Drain, I found that the drain is currently in the red by \$2,122.99. Therefore, the Board should consider increasing the assessment rate for this drain.

This drain was certified for assessment on July 12, 1979 at a rate of \$2.00 per acre, \$3.00 minimum. This assessment has remained at this rate since that time. With 179.54 acres and 1 lot in the drainage shed the current annual assessment is \$381.76.

Over the last 10 years the drain has had the following work orders:

91-218	\$299.50	94-144	\$242.00
92-095	\$250.00	94-155	\$234.00
93-118	\$293.00	98-116	\$359.50
93-238	\$529.00	2000-00171	\$282.00
		<b>TOTAL</b>	<b>\$2,489.00</b>

Along with these work orders the drain has been sprayed in the following years at the following cost:

1992	\$150.00
1996	\$200.00
<b>TOTAL</b>	<b>\$350.00</b>

Based on the above the present average annual cost for maintenance is only \$283.90. However, due to the rapidly approaching development in the area I recommend the Board consider increasing the assessment rate for this drain to the following:

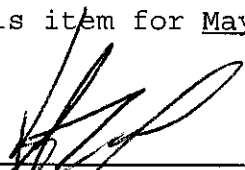
1. Maintenance assessment for roads and streets be set at \$10.00 per acre.
2. Maintenance assessment for agricultural tracts increase to \$5.00 per acre-the minimum should increase from \$3.00 to \$20.00 minimum.

3. Maintenance assessment for nonplatted residential tracts be set at \$5.00 per acre with an increase to a \$20.00 minimum.
4. Maintenance assessment for future commercial, multifamily residential, and institutional tracts be set at \$10.00 per acre with a \$50.00 minimum.
5. Maintenance assessment for future platted lots in subdivisions whose drainage systems will not be part of the regulated drain (those systems maintained by the City of Noblesville/Town of Westfield) shall be set at \$35.00 per lot/minimum. Common areas within non-regulated drain subdivisions shall be assessed at \$5.00 per acre with a \$35.00 minimum.
6. Maintenance assessment for platted lots within a subdivision whose drainage system will be part of the regulated drain shall be set at \$65.00 per lot/minimum. Common areas within regulated drain subdivisions shall be set at \$10.00 per acre with a \$65.00 minimum.

This will create an annual maintenance assessment of \$1,308.68.

Upon review of the drainage shed for the George Booth Drain, I believe that the drain meets the requirements for Urban Drain Classification as set out in IC 36-9-27-67 to 69. Therefore, the George Booth Drain should be designated as an Urban Drain.

I recommend the Board set a hearing for this item for May 29, 2001.

  
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Kenton C. Ward  
Hamilton County Surveyor