

Source Document Log  
Source Document Discrepancy Log

Drain: GEORGE BEAM

Main/Arm Name	Document Name	Document ID	Info From Document	If Applicable	
				Document w/ Discrepancy	Description of Discrepancy
<i>MAM</i>	<i>SURVEYOR'S REPORT</i>	<i>6-19-907</i>			
	<i>"</i>	<i>7-10-2000</i>			

**Drain:** GEORGE BEAM # 322  
**Improvement:** \_\_\_\_\_  
**Operator:** J. LIVINGSTON  
**Date:** 10-15-03

### GIS Drain Input Checklist

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

QC'd Summary 11-21-2003 sha ok ✓

Gasb 34 Footages for Historical Cost  
Drain Length Log

Drain-Improvement: GEORGE BEAM

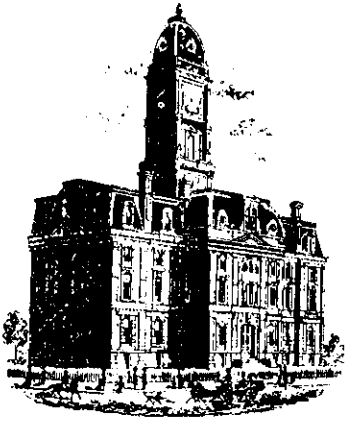
Drain Type:	Size:	Length (SURVEYORS' REPORT)	Length (DB Query)	Length Reconcile	Price:	Cost:
TILE	12"	800'	800'		4. <sup>00</sup> /lf	3200. <sup>00</sup>
	12"	2200'	2200'		4. <sup>00</sup> /lf	8800. <sup>00</sup>

Sum: 3000' \$ 12000.<sup>00</sup>

Final Report: 3000'

Comments:  
DATA INPUT INTO GIS BY SUEIE MILLS, DATE UNKNOWN.  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Reconstruction did not pass.  
Set upon maintenance.



SURVEYOR'S OFFICE  
**Hamilton County**

*Kenton C. Ward, Surveyor*

*Phone (317) 776-8495*

*Fax (317) 776-9628*

*Suite 146*

*One Hamilton County Square*

*Noblesville, Indiana 46060-2230*

To: Hamilton County Drainage Board

Date: July 10, 2000

Re: George W. Beam Regulated Drain

Attached are plans, specifications, drain map, drainage shed map, and schedule of assessments for the reconstruction of the George W. Beam Drain. The George W. Beam Drain is listed as number 14 as a Drain in Need of Reconstruction on the 2000 Drain Classification List. The drainage area is located in Adams Township in Hamilton County and benefits properties in sections 27, 28, 33, 34-20-8 with a total acreage of approximately 213 acres.

The George W. Beam Drain is a tributary to the George Symons Drain. It was originally petitioned through The Hamilton County Circuit Court in 1892, as Arm #2 of the George Symons Ditch, and consisted of 2200 feet of open ditch and 800 feet of 12" tile. In 1907 George W. Beam petitioned the Commissioners Court to tile the open portion of Arm # 2 of the George Symons Ditch. The petition was approved and 2200 feet of 12" clay tile was installed in the open channel and connected the existing 800 feet of 12" tile. The 800 feet of existing 12" tile was cleaned and accepted as a part of the George W. Beam Drain.

The legal description for the George W. Beam Drain is as follows:

Beginning at a point about five (5) rods east of the northwest corner of the northeast quarter of section thirty-three (33), township twenty (20) north, range three (3) east, thence north 33 degrees, west 250 feet; thence 23 degrees east 200 feet; thence north 40 degrees west 250 feet; thence west 49 degrees north 400 feet; thence west 32 degrees north 1400 feet; thence north 30 degrees west 300 feet, terminating in the open ditch known as the George Symons ditch.

The project shall consist of two-sided clearing from station 0+00 to station 7+00. Excavation of the open channel will begin at station 0+00 and continue to station 7+00. The open channel will have a 4-foot wide bottom and 2:1 sideslopes. 20-foot wide filter strips shall be installed on both sides of the open ditch. Reconstruction of the tile portion of the drain will consist of 1864' of 15" concrete tile installed at the grade shown on the plans. The 15" concrete tile will be installed from station 7+00 to station 25+64. A grass waterway will be installed over the tile from station 7+00 to station 20+00. The cost estimate for this work shall be as follows:

Clearing as specified - Open Ditch – 1.5 acres @ \$7,500 per acre	\$11,250.00
Open ditch reconstruction – 700 feet @ \$7.00 per foot	\$4,900.00
Armor ditch bank at station 0+00 with reno mattress - 1 @ \$2,500.00 each	\$2,500.00
18" Concrete Tile – installed – 1864 feet @ \$ \$11.50 per foot	\$21,436.00
Tile outlet pipe with animal guard – 18" x 20' CMP	\$500.00
2' x 2' catch basin w/ beehive casting 1 @ \$1,000.00 each	\$1,000.00
Rock Chute – 1 @ \$2,500.00 each	\$2500.00
Install and Maintain Silt Basins - 2 @ \$500.00 each	\$1,000.00
Hydro-Seeding channel according to specifications 1.5 acres @ \$ 2500.00 per acre	\$3750.00
Hydro-Seeding 20 ft filter strip - 4 acres @ \$1,700.00 per acre	\$6,800.00
Sub Total	\$55,636.00
10 % contingencies	\$5563.60
<hr/> Total	\$61199.60

I have reviewed the drainage shed for the George W. Beam Drain of 213.98 acres and upon considering each parcel individually, I believe that each parcel within the drainage shed will have equal benefits as provided by the drain. Therefore I recommend each tract

be assessed on the same basis equally. I also believe that no damages will result to landowners by the reconstruction of this drain. I recommend a reconstruction assessment of \$286.00 per acre with no minimum assessment.

I recommend the Board place the George W. Beam drainage area on a maintenance program as set out in I.C. 36-9-27-38. This drainage area is not presently under a maintenance program.


The nature of the maintenance work, which may be required, is as follows:

- a. Removal and/or prevention of brush within the drainage easement by hand, mechanical or spray methods.
- b. Re-excavating of open ditch to original grade line.
- c. Installation and /or repair of surface water structure as might be required.
- d. Bank erosion protection and/or seeding as might be required.
- e. Repair of private tile outlet ends as might be required.
- f. Repair of regulated tile outlet at drain end.
- g. Replacement of broken tile outlet ends as might be required.
- h. Cleaning and/or repair of existing catch basins as might be required.
- i. Installation of catch basins or inlets as may be required.
- j. Removal of debris and/or blockage from the existing tile drain including jetting or video work.
- k. Installation and/or repair of breather pipes.
- l. Removal of debris and/or blockage from the existing open drain.
- m. Maintain grass filter strips.
- n. Any other repairs necessary to restore the drain to it's original intended condition.

The frequency with which maintenance work should be performed annually is as required by the condition of the drain.

I have reviewed the plans and drainage shed and believe that the drain will benefit each tract equally for the purpose of maintenance. Therefore I recommend each tract within the drainage shed be assessed for maintenance equally at a rate of \$3.00 per acre with a minimum assessment set at \$10.00 per tract. The annual maintenance collection will be \$681.48.

I recommend the Board set a hearing for this proposed reconstruction and maintenance project for August 28, 2000.

  
Kenton C. Ward

Report of Engineer

GWT Beaman

Ditch

July 5 1907

Report approved

J E Beale

P. R.

FILED

JUN 19 1907

A. H. Conigree

And Hamilton Co.

THE GLOBE-WERNICKE LEGAL WRAPPER—Patented Feb. 11, 1890—FIRST QUALITY.  
Directions—Elevate the metal points—attach the manuscript—then bend the points down flat—dampen the gummed flap and stick it down—this fastens the papers and hides the metal.

STATE OF INDIANA, )  
                          ) SS.  
HAMILTON COUNTY. )

IN THE MATTER OF THE  
GEORGE W. BEAM Drain.

REPORT OF HUGH JOHNSON, COUNTY SURVEYOR

TO THE HONORABLE BOARD OF COMMISSIONERS OF HAMILTON COUNTY, INDIANA.

The undersigned Surveyor of Hamilton County, to whom was referred the <sup>N</sup> above entitled petition for drainage, on the 15<sup>th</sup> day of ~~XXIX~~ June-1907 would respectfully report that on the 18<sup>th</sup> day of June -1907, I made all the necessary surveys 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 the drainage.

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

I would further respectfully represent and show to the Board that the said proposed drain will not exceed two miles in length and will not cost to exceed \$300.00 , 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 effected thereby:-

LOCATION.

Beginning at a point <sup>82.5</sup> 5 rods east of the Northwest corner of the North east quarter of the Northeast quarter of section 33, Township 20, range 3 east, run thence north 33<sup>W</sup> 250' , thence North 23<sup>E</sup> East 200' , thence north 49<sup>W</sup> West 400' thence North 32<sup>W</sup> west 1400', thence north 30<sup>W</sup> west 300'



Terminating in the main <sup>line</sup> tile of George *Symons* Ditch at station 97 of main ditch.

#### REQUIREMENTS.

The ditch to consist of one row of 12" tile from station 9 to station 8 all of which are in place and in proper working order and are accepted as sufficient and made a part of the George W. Beam Drain, and said ditch to consist of one row of 12" tile from station 8 to station 29 + 90, and one row of 12" sewer tile from station 29 + 90 to station 30 or ~~terminus~~ terminus of ditch.

#### STONE WALL.

At station 30 to be constructed a stone retaining wall 16' x 16' x 2' as shown on attached drawing. Said wall to be built from rock faced range marble and laid up in mortar made from one part Portland cement and three parts good, clean, sharp sand, and so constructed to receive the tile at proper grade 2' above base of the wall.

#### LAYING TILE, FILLING DITCH, DEADNING & Ect.

All tile used in the construction of the ditch to be first class tile and be subject to inspection by superintendent in charge and to be laid in ditch in a true line with joints well attached and at proper grade as shown by profile hereto attached and marked, "Exhibit ~~BB~~ B" and to be left uncovered until inspected and accepted by the <sup>city</sup> Superintendent of construction after the same have been accepted to be covered with earth to the depth of 24" where ditch runs in old channel and where ditch is in new cut the ~~the~~ trench to be filled full.

At the 28 + 480 where old channel has a sharp turn to north the tile to be laid well into N. E. bank so as to make the curve gradual and not too sharp to hinder the proper laying of the tile.

All trees to be deadened and bushes cut for a distance of 25' on each side of ditch. All work to be done in a first class and workman like manner and to the full satisfaction of the <sup>city</sup> Superintendent in charge of construction.

#### REPAIRING TILE PORTION.

**REPAIRING TILE PORTION.**

From station 8 to station 8+86 where tile are already laid the contractor <sup>will be required</sup> to carefully take up and clean and replace with new tile <sup>all</sup> broken or damaged if any be found and relay same to grade given in profile hereto attached.

**GENERAL SPECIFICATIONS.**

Length of Main Ditch .....	300	ft
Length of tile in place and accepted.....	800	"
Length of new tile ditch .....	2200	"

**FALL OF ESTABLISHED GRADE.**

From station 8 to station 30 .....  $\frac{65}{100}$

**ESTABLISHED COSTS**

166 cubic yards excavation .....	<del>\$3320.00</del>
drain	
2190 feet of 12" <sup>A</sup> tile .....	\$298.05
10 feet 12" sewer tile .....	3.50
Stone retaining wall 16'x 2'x 6'.....	25.00
Laying tile, deadning <sup>timber</sup> and filling ditch .....	30.00
<b>Total</b> .....	<u>299.75</u>

Names	Description	S. T. R.		Acres	assessments		Total assessments
1. G.W. Beam	SE	SE	28 20 3	40	109 00		
Do	PT NE	SE	28 20 3	14	38 00	147 00	
2. J.S. Mercheval	PT SW	SW	27 20 3	30	21 00		
Do	PT NW	NW	34 20 3	35	49 00		
Do	NE	NE	33 20 3	40	58 00		
Do	PT SE	NE	33 20 3	10 11	12 00	140 00	
3. L.A. Hornaday	PT SE	SW	27 20 3	4	3 00	3 00	
4. Anna M Coyner	PT SW	SE	28 20 3	18	78 00	247 00	
5. W.S. Coyner	PT NW	SE	28 20 3	12	36 00	60 00	
6. Adams Township	Highway E & W		28 33 20 3		15 00	15 00	
							389 00

# PROFILE PAPER.

Exhibit 09

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.
8	1.14					
9	.71			5.26		
10	.86			4.15		
11	.79			4.44		
12	1.06			5.00		
13	1.52			8.33		
14	1.38			8.00		
15	1.48			7.77		
16	1.53			8.33		
17	1.46			8.33		
18	1.45			8.00		
19	1.73			8.20		
20	1.88			10.00		
21	1.46			9.00		
22	1.46			8.25		
23	1.85			9.00		
24	1.59			9.45		
25	1.61			8.88		
26	1.58			8.75		
27	1.52			8.60		
28	1.23			6.90		
29	1.56			6.90		
30	.92			3.80		

165.44 yds

STATE OF INDIANA )  
HAMILTON COUNTY. ) SS:-

The undersigned Surveyor of Hamilton County, State of Indiana, to whom was referred the above entitled petition for report, after being duly sworn upon his oath says that he personally examined each tract 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 parties ~~mentioned~~ therein named as interested; that no other lands will be benefited or effected by said proposed drain; that the above and foregoing report is true in substance and in fact as he verily believes.

*Hugh Johnson*  
Co Surveyor

Subscribed and sworn to before me this 14<sup>th</sup> day of June 1907.

*W. C. Cawyer*  
Auditor of Hamilton County.