

Drain: FRED SEERIGHT **Drain #:** 94
Improvement/Arm: STEARNS ARM
Operator: J. LIVINGSTON **Date:** 6-7-04
Drain Classification: Urban/Rural **Year Installed:** 2000

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

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6/26/00 @ 9:15



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: May 8, 2000

Re: Fred Seeright Drain

Attached are plans, specifications, drain map, drainage shed map, and schedule of assessments for the reconstruction of the Fred Seeright Drain. The drainage area covers approximately 1241.12 acres in Jackson and Adams Townships. The Fred Seeright Drain is a tributary to the Jessie DeVaney Drain (Taylor Creek).

A petition for reconstruction was received Jan 24, 1997. This petition was a result of a reconstruction hearing held on June 17, 1996 for Ross Acres Subdivision. A preliminary engineering request was sent to Hamilton County Soil and Water Conservation Service on Jan 27, 1997. On Jan 15, 1999 preliminary plans for 5 options were received from Hamilton County Soil and Water Conservation Service. The 5 possible options were as follows:

Option #1 – Replace 5800 feet of the main tile with a new tile system designed for the total watershed acreage. Drainage co-efficient to be used is 3/8”

Option #1 - Total cost \$172,557.00 - \$139.04 per acre

Option #2 – Parallel 5800 feet of the existing tile with new tile. Capacity of both tiles would equal the capacity of option #1.

Option #2 - Total cost \$141,852.00 - \$114.30 per acre

Option #3 – Replace 5800 feet of the existing tile with an open channel. Channel will end 1300 feet north of 256th Street.

Option #3 - Total cost \$147,315.00 - \$118.70 per acre

Option #4 – Utilize the existing tile and upgrade 5800 feet of the tile system for the capacity of the existing lateral tiles.

Option #4 - Total cost \$105,282.00 - \$84.84 per acre

Option #5 – No tile upgrade. Add 5800 feet of waterway and surface drain parallel to the existing tile.

Option #5 - Total cost \$41,400.00 - \$33.36 per acre

On February 10, 1999 a public informational hearing was held for the property owners in the Fred Seeright watershed to see if a consensus could be reached as to which option the property owners would support. Option #5, improving surface drainage via grassed waterways, was determined to be the option most likely to succeed if taken to public hearing.

On April 27, 1999, a request for construction plans for option #5, a grass waterway and surface drain improvements for the Seeright Drain was sent to the Hamilton County Soil and Water Conservation Service. On June 26, 1999 construction plans for the grass waterway and surface drain improvements were received from Hamilton County Soil and Water Conservation Service.

The cost estimate for the proposed reconstruction is as follows:

Fred Seeright Drain

Cost Estimate

Construct Grass Waterway to Grade 5100 Feet at 2.5 cubic yard/foot @ \$4.50 per cubic yard	\$51,000.00
Replace Topsoil (3" x 20' x 5100') 950 cubic yards @ \$4.50 per cubic yard	\$4,275.00
Construct Surface Drain to Grade 3750 Feet at 1.2 cubic yards/foot @ \$4.50 per cubic yard	\$20,250.00
Estimated Tile Crossing – 2 Crossings 240 Feet of 18" RCP installed at \$30.00 per foot	\$7,200.00
Hydro Seeding – 5.7 acres @ \$3,500.00 per acre	\$19,950.00
Install 48" culvert under 256 th Street (42" existing)	\$7000.00
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Sub-Total	\$109,675.00
+15% contingencies	\$16,451.25
Total	\$126,126.25

In addition to the grass waterway and surface drain improvements, plans for an additional arm to the Seeright Drain have been developed to allow direct access to the Seeright Drain tile for a parcel of ground owned by Jamie Stearns. On January 14, 2000 Ms. Stearns petitioned the Hamilton County Drainage Board for this reconstruction. The cost of constructing this arm will be borne by the petitioner and the Hamilton County Highway Department. The hearing for this arm will be held in conjunction with the Fred Seeright Reconstruction but as a separate phase of the work. An additional easement of 75' per half will be required across tracts 03-02-19-00-00-007.000 and 03-02-19-00-00-006.000 which are owned by Mildred R. Edrington.

The Stearns Arm to the Fred Seeright Drain as planned, would consist of approximately 250 feet of 8" HDPE pipe. It would begin at an existing structure located near station 76+00 on the Fred Seeright Drain, then going in an east-northeasterly direction, crossing under Anthony Road and terminating at a breather to be set on the southwest corner of Stearns property on the east side of Anthony Road.

The cost estimate for the proposed reconstruction is as follows:

Stearns Arm

Cost Estimate

8" Dual Wall smooth interior HDPE pipe, installed per manufacturers' specifications. 215' @ \$10.00 per foot	\$2,150.00
8" Breather, w/8" tee, 8" CMP riser, plug, grate – installed	\$500.00
10" core drilled tap into existing structure	\$500.00
Road crossing, Anthony Road (To be paid by County Highway)	\$4,000.00
Total	\$7,150.00

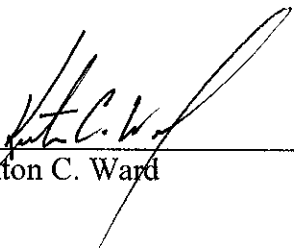
I have reviewed the drainage shed for the Fred Seeright Drain of 1241.12 acres and upon considering each parcel individually, I believe that each parcel within the drainage shed will have equal benefits as provided by the drain. Therefore I recommend each tract to be

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 \$95.98 per acre with no minimum assessment. I also recommend that the Hamilton County Highway be assessed in addition to the per acre assessment set out above, \$7,000.00 for the cost of the new culvert required under 256th Street. This is per IC 36-9-27-71 (C).

I have reviewed the plans for the Stearns Arm to the Fred Seeright Drain and upon considering each parcel individually, I believe that the Stearns parcel will be the only parcel benefited by the construction of this arm. Therefore I recommend that it be the only parcel assessed for the construction of this arm. I also believe that no damages will result to landowners by the reconstruction of this drain, therefore damage shall be set at \$0.00. I recommend that the Stearns tract (Parcel No 03-02-20-00-00-024.002) be assessed \$3,150.00 for proposed arm. I also recommend that the Hamilton County Highway be assessed \$4000.00 for the portion of the proposed to be installed under Anthony Road. This is per IC 36-9-27-71 (C).

The Fred Seeright Drain is currently assessed for periodic maintenance at a rate of \$3.00 per acre with a minimum assessment of \$3.00 per tract. The annual assessed total is \$3,756. The current account balance is \$15,422.67. I recommend that the Board increase the current minimum assessment to \$10.00 per tract. The current \$3.00 per acre rate should remain unchanged.

I recommend the Board set a hearing for this proposed reconstruction and maintenance project for June 26, 2000.



Kenton C. Ward

KCW/adc

He stated that there has been a problem on that property for years and that the Surveyor was aware of the problem. He stated that he objected to the Stearns arm as the tile was already overloaded. He also stated that he would be in favor of going through the Soil and Water Conservation Office for the grass waterway.

Mr. Phil Henderson then approached the Board. He stated that he also would like to see the project done through the Soil and Water Conservation Office as well. He stated that he thought it was a wonderful solution to the problem. He stated that the only problem with the cost share idea was that it would take a much longer amount of time then doing the project through the Drainage Board.

Mr. Dillinger then closed the public hearing.

Mrs. Clark stated that she thought the idea of the cost share and grant proposed by Mr. South was a good idea and should be investigated. She asked the Surveyor if it would be possible to revisit the reconstruction if it was found that the cost share would not work?

The Surveyor stated that if the petition was turned down a new petition would have to be submitted. If it was tabled it could be revisited.

Mrs. Clark asked the Surveyor which way the Stearns Arm water would drain?

The Surveyor stated that the tile that would be installed was going to be smooth plastic, non-perforated 8 inch pipe.

Mr. Dillinger made the motion to table the reconstruction, approve the construction of the arm and increase the maintenance assessment, seconded by Mrs. Clark for discussion.

Mr. Dillinger amended his motion to have the Surveyor speak to the Highway department about increasing the size of the culvert under the road, Mrs. Clark seconded the amendment.

Mrs. Clark asked that the Surveyor explain to her about the arm?

The Surveyor stated that Mrs. Stearns owned a tract of land that she wanted to build on. She would need to install perimeter drains for the septic systems and provide a way to drain them. All of the material to be used for the tile would be smooth plastic, non-perforated pipe. Perforated pipe would be used around the septic field.

Mrs. Clark stated that she thought that the concern was for the water going across the road into a system that was already having problems.

The Surveyor stated that the amount of water that would be flowing across the road would be a negligible amount.

After much more discussion, Mr. Dillinger asked for the call for the vote. The vote was 1 yea and 1 nay.

Mrs. Clark then made the motion to table the reconstruction hearing for at least six months and increase the maintenance assessment. There was no second.

Mr. Dillinger made the motion to table the reconstruction, seconded by Mrs. Clark and approved.

Mr. Dillinger made the motion to increase the maintenance assessment, seconded by Mrs. Clark and approved.

Mr. Dillinger made the motion to approve the proposed arm of the drain. There was no second to the motion.

This issue would be taken before the Board at the July 10 Drainage Board meeting.

Mallery-Granger Drain-Update:

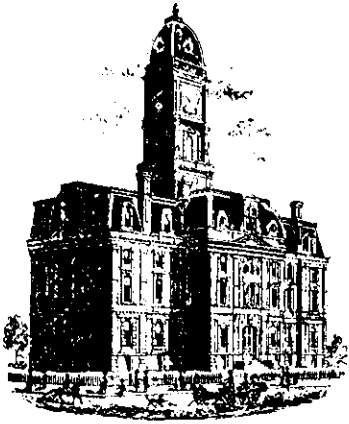
The Surveyor stated that his office was still working on the new cost estimate for the reconstruction. He stated that his office had been in contact with Mr. Lunsford and Mr. Gordon and got their opinions. He stated that it should be ready for the Board at the next meeting. The Surveyor stated that this was for the Board's information only.

Non-enforcement Requests:

Mr. Kurt Wanninger presented the following non-enforcement requests to the Board for approval upon the recommendation of the Surveyor: Elwood Wilson Drain filed by JAVCA LLP for parcels #11-07-31-00-00-023.000 and 11-07-31-00-00-023.000 for a reduction of the easement to 20 feet; Crossfields Drain filed by Clay Township Regional Waste District for sanitary sewer; Homeplace Drain filed by Indianapolis Water Company for a water main.

Mrs. Clark made the motion to approve the above referenced non-enforcement requests, seconded by Mr. Dillinger and approved.

Drainage Board Minute Book 5 PG 390



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Hamilton County

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Phone (317) 776-8495
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Suite 188
One Hamilton County Square
Noblesville, Indiana 46060-2230

To: Hamilton County Drainage Board

March 11, 2002

Re: Stearns Arm to the Fred Seeright Project
Final Inspection Report

FINAL INSPECTION REPORT

Please regard this letter as the inspector's final report on the Stearns Arm to the Fred Seeright Drain, in Sections 19 & 20, Township 20 North, Range 4 East, Jackson Township, in Hamilton County Indiana. This project was approved by the board at hearing on July 10, 2000.

As of the date of this report, I hereby attest to and agree that the reconstruction was installed according to the specified plans and change orders. All inspections have been completed.

The Hamilton County Drainage Board awarded the contract on December 26, 2000 to Chuck Johnson Inc.

Construction of the Stearns Arm to the Fred Seeright Drain started on May 19, 2001 and was completed on May 20, 2001. Final inspection for the purpose of retainage release was on July 09, 2001. Claim for retainage was paid on September 11, 2001.

The construction of this arm added an additional 250.46 lineal feet of 8" drain tile to the Fred Seeright Regulated Drain.

The following claims have been paid to the contractor:

Claim #1	\$3,660.00
15% Retainage withheld	\$549.00
Check amount paid on 05/30/01-----	\$3,111.00

Claim #2	
Retainage withheld on Claim #1	<u>\$549.00</u>
Check amount paid on 09/11/01-----	\$549.00

Claim #1 -----	\$3,111.00
Claim #2 -----	<u>\$549.00</u>
Total Claims -----	\$3,660.00

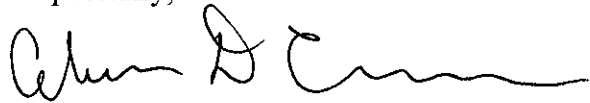
Engineer's Estimate -----	\$7,150.00
Total Reconstruction Cost -----	<u>\$3,660.00</u>
Difference -----	<u>\$3,550.00</u>

The original reconstruction assessment for was based on the engineer's estimate of \$7,150 per the Surveyor's report dated May 8, 2000. The total reconstruction cost was \$3,660.00. The reconstruction assessments are to be lowered a total of \$3,550.00. The Hamilton County Highway Assessment will be reduced from \$4,000.00 to \$1,500.00, a reduction of 62.5%. The two privately owned parcels assessed to the project are to be reduced from \$1,669.50 to \$1,144.80 and \$1,480.50 to \$1,015.20 respectively per parcel, a reduction of 31.4%.

Statement of All Incurred Expenses Paid was received from the contractor on Dec. 6, 2001.

Collections for maintenance and reconstruction began on May 10, 2001.

Respectfully,



Andrew Conover
 Inspector
 Hamilton County Surveyor's Office

EDRINGTON
82 AC.

STEARNS
25 AC.

FRED
SEERIGHT
DRAIN
STA 0

PROPOSED ARM

STA 1+75

WHISMAN
1 AC

VANDEV-
ENDER
1 AC

MOORHOUS
1 AC

EDWIN
1 AC

HEDGES
1 AC

EDRINGTON
19 AC.

MORGAN
72 AC

ROSS
100 AC.

STA 15

ANTHONY ROAD

INVERT-EXISTING TILE-99.4

105

2+18 W.EDGE ROAD

2+41 E.EDGE ROAD

2+51 END OF TILE INVERTELEV. 99.65

8" CMP

SOLID PIPE UNDER
COUNTY ROAD

0.1% GRADE

8" DUAL WALL HDPE PIPE*

8" TEE

0+00

1+00

2+00

2+51

Entered by: *[Signature]*

Entry Date: 6-2-9

This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

