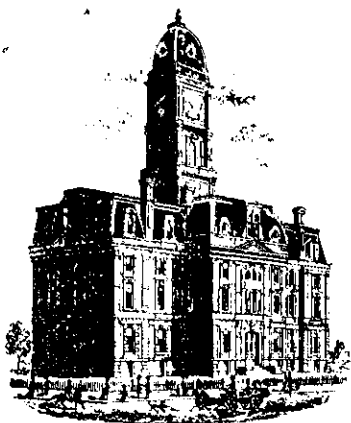


Drain: A J MYERS Drain #: 182  
Improvement/Arm: RECONSTRUCTION  
Operator: J. LIVINGSTON Date: 4-29-04  
Drain Classification: Urban/Rural Year Installed: 2002

### GIS Drain Input Checklist

- Pull Source Documents for Scanning JMJ
- Digitize & Attribute Tile Drains \_\_\_\_\_
- Digitize & Attribute Storm Drains \_\_\_\_\_
- Digitize & Attribute SSD \_\_\_\_\_
- Digitize & Attribute Open Ditch JMJ
- Stamp Plans JMJ
- Sum drain lengths & Validate JMJ
- Enter Improvements into Posse JMJ
- Enter Drain Age into Posse JMJ
- Sum drain length for Watershed in Posse JMJ
- Check Database entries for errors JMJ





SURVEYOR'S OFFICE

# Hamilton County

*Kenton C. Ward, Surveyor*

*Phone (317) 776-8495*

*Tax (317) 776-9628*

*Suite 188*

*One Hamilton County Square  
Noblesville, Indiana 46060-2230*

June 10, 2002

To: Hamilton County Drainage Board

Re: A. J. Myers Drain

Attached are plans, specifications, drain map, drainage shed map and schedule of assessments for the reconstruction of the A. J. Myers Drain. This was originally proposed as part of the proposed Thorpe Creek reconstruction per my report dated April 9, 2002 for Thorpe Creek. In my revised report of May 28, 2002 for Thorpe Creek I recommended that the A. J. Myers Drain be under a separate reconstruction project.

The A.J. Myers drain is located in Sections 29 and 30, Township 18 North, Range 6 East in Fall Creek Township. There is no known written legal description for the drain. The first Myers drain constructed in 1880 was an open ditch consisting of 7100 feet. The existing Myers drain was constructed in 1893 by tiling and extending the 1880 drain. The existing drain is 6900 feet and consists of both tile and open drains. The drain was placed on maintenance in 1983 ( see report dated July 5, 1983). There are a total of 253.5 (194 acres in Hamilton County) acres in the drainage shed. Madison County waived their right to a joint board during the maintenance hearing in 1983.

The A. J. Myers Drain enters Thorpe Creek at Station 91+92 of Thorpe Creek. The proposed reconstruction consists of the dredging of the open ditch from the tile outlet to Thorpe Creek. The cost estimate for the work is as follows:

|  |                           |                |
|--|---------------------------|----------------|
| Open Ditch Dredging                      | 610 feet @ \$ 10.00 LF    | \$6,100.00     |
| Clearing                                 | .5 ac. @ \$5,000.00/ac.   | \$2,500.00     |
| Seeding                                  | 1.0 acre @ \$ 4,000.00 ac | \$4,000.00     |
| Silt Basin (1)                           | 1 @ \$ 500.00 each        | \$500.00       |
| Lower Existing Crossing (1)              | 1 @ \$1,000.00            | \$1,000.00     |
| 24" Corrugated Metal Pipe Outlet (1)     | 1 @ \$ 500.00 each        | \$500.00       |
| Rip Rap Channel Stabilization            | \$2,500.00                | \$2,500.00     |
| 24" Animal Guard Installation (1)        | 1 @ \$ 300.00 each        | \$300.00       |
| Remove Large Tree @ Outlet Pipe          | \$ 500.00 each            | \$500.00       |
| Remove Building Material Debris @ Outlet | \$1,500.00                | \$1,500.00     |
| Outlet Restoration                       | \$3,000.00                | \$3,000.00     |
| 4" Corrugated Metal Pipe Outlet (1)      | 1 @ \$ 150.00 each        | \$150.00       |
| 4" Animal Guard Installation (1)         | 1 @ \$ 50.00 each         | \$50.00        |
| 6" Corrugated Metal Pipe Outlet (1)      | 1 @ \$ 200.00 each        | \$200.00       |
| 6" Animal Guard Installation (1)         | 1 @ \$ 50.00              | <u>\$50.00</u> |

|                        |                    |
|------------------------|--------------------|
| <b>Subtotal</b>        | <b>\$22,850.00</b> |
| <b>15% Contingency</b> | <b>3,427.00</b>    |
| <b>Total</b>           | <b>\$26,277.00</b> |

The current maintenance assessment for the A.J. Myers Drain is \$2.00 per acre with a \$6.00 minimum. The annual assessment for the drain is \$404.40 for Hamilton County and \$124.00 for Madison County. The current balance for the drain is \$2,251.31. I recommend the following changes for the maintenance assessment at this time.

- Maintenance assessment for roads and street \$10.00 per acre with a \$25.00 minimum.
- Assessment for platted lots and common areas in subdivisions whose drainage systems will not be part of the regulated drain (those systems maintained by the (Town of Fishers) shall be set at \$15.00 per acre with a \$25.00 per lot/min.
- Assessments for platted lots and common areas in subdivisions whose drainage systems will be part of the regulated drain shall be set at \$ 10.00 per acre with a \$50.00 per lot/min.
- Assessment for acreage shall remain at \$2.00 per acre with a \$6.00 minimum. This shall include agricultural lands and non-platted residential tracts.
- Assessment for commercial, industrial and institutional tracts shall be set at \$35.00 per acre with a \$75.00 minimum.

These proposed changes will increase the maintenance assessment to \$452.40 for Hamilton County and \$124.00 for Madison County annually.

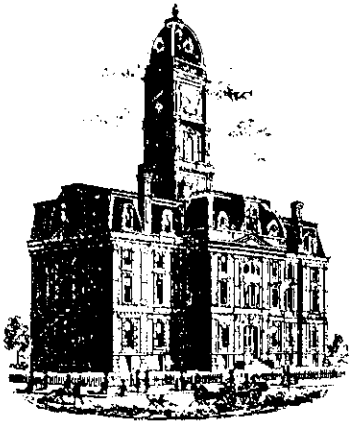
I have reviewed the drainage shed for the proposed A. J. Myers Reconstruction and upon considering each parcel individually, I believe that by parcel use, each parcel within the drainage shed will have equal benefits for reconstruction as provided by the drain within both Hamilton County and Madison County. Therefore, I recommend each tract be assessed on the same use basis equally. I also believe that no damages will result to landowners by the reconstruction of this drain. I recommend the following rates for reconstruction:

- Roads and streets be assessed at \$4,500.00.
- Assessments for acreage be set at \$88.00 per acre.

I recommend the Board set a hearing for this proposed reconstruction and maintenance project for July 22/2002.

  
 Kenton C. Ward  
 Hamilton County Surveyor

KCW/llm



SURVEYOR'S OFFICE

# Hamilton County

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Suite 188  
 One Hamilton County Square  
 Noblesville, Indiana 46060-2230

January 28, 2003

TO: Hamilton County Drainage Board

RE: A. J. Myers Drain  
 Final Report - 2002 Reconstruction

The Hamilton County Surveyor's Office has completed the inspection of the A. J. Myers drain reconstruction by Van Horn Excavating. At this time the work has been found to be complete and acceptable.

The Surveyor's reconstruction report dated June 10, 2002 was approved at hearing by the Drainage Board on July 22, 2002. The reconstruction contract was awarded to Van Horn Excavating on August 26, 2002 for \$20,880.00.

The reconstruction project consisted of the clearing of woody vegetation along the drain, 615 feet of channel excavation, the lowering of the existing driveway pipe crossing, outlet replacement and restoration, burial of assorted construction debris, installation of tile outlets, armoring and seeding.

The Asbuilt drawings have been completed and are included with the final report.

During construction two deviations from the original plan design were made. These included an extension of a existing driveway crossing pipe on the Robert A. & Elizabeth A. Keck parcel (13-12-30-00-02-001.000) and the placement of rip rap armorment at Station 1+00. These change orders are as follows.

|                      |  |           |
|----------------------|--|-----------|
| Change Order #1      | Additional ten (10) feet of forty eight (48) inch CMP pipe |           |
|                      | Approved by the Board September 23, 2002                   | \$ 700.00 |
| Change Order #2      | Corner armorment at Station 1+00 (bank stabilization)      |           |
|                      | Approved by the Board October 14, 2002                     | \$ 250.00 |
| Total Change Orders: |  | \$ 950.00 |

The following is a breakdown of the A. J. Myers Drain reconstruction costs.

|                            |                  |
|----------------------------|------------------|
| Contract Bid               | \$20,880.00      |
| Change Orders              | <u>\$ 950.00</u> |
| Total Reconstruction Costs | \$21,830.00      |

The following is a breakdown of the claim payments paid to Van Horn Excavating for the reconstruction project.

|                           |  |                    |
|---------------------------|--|--------------------|
| Claim #1 (Claim # 02-214) | Van Horn Excavating Invoices 4782 and 4856<br>Includes Change Order #1 and #2<br>Paid: October 29, 2002<br>Check Number: 2000533 | \$18,555.50        |
| Claim #2 (Claim # 03-011) | Retainage from Invoices 4782 and 4856<br>Paid: January 14, 2003<br>Check Number: 2004595   | <u>\$ 3,274.50</u> |
| Total Paid:               |  | \$21,830.00        |

On November 1, 2002, the Surveyor's Office received from Van Horn Excavating the County's Form E-1 from the reconstruction contract per IC 36-9-27-82(b). The form states that all expenses incurred for labor and materials on the A. J. Myers drain reconstruction project have been paid in full by Van Horn Excavating.

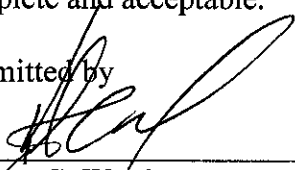
|   |                    |
|---|--------------------|
| Reconstruction Cost Estimate              | \$26,277.00        |
| Total Contract Cost                       | <u>\$21,830.00</u> |
| Unexpended Balance in Reconstruction Fund | \$ 4,447.00        |

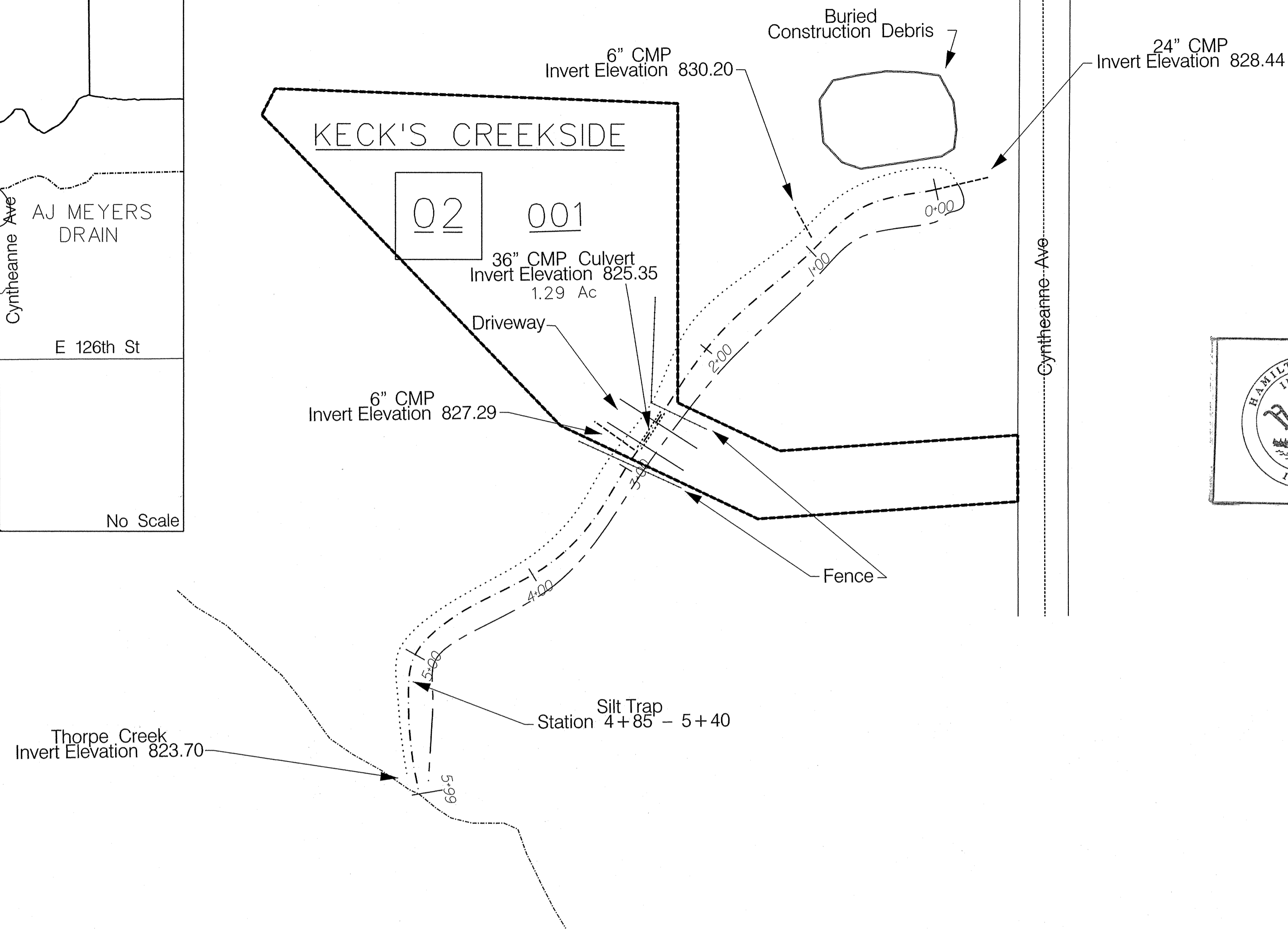
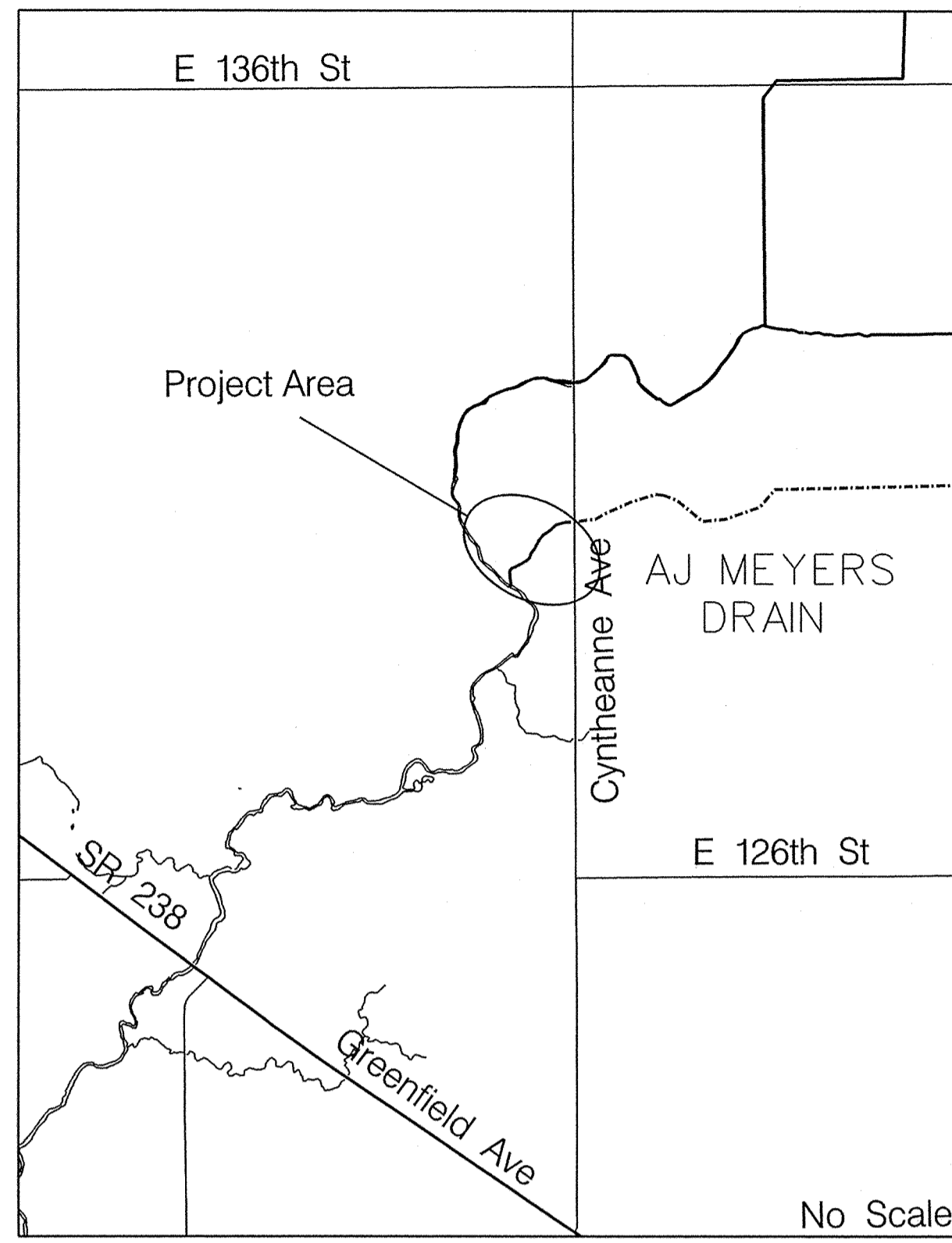
Van Horn Excavating did not post a surety for the reconstruction project. Instead the Board received a letter from Wells Fargo Bank in Rochester, Indiana, stating Van Horn Excavating had a \$100,000.00 line of credit with the bank and as of September 26, 2002 had an available balance of \$80,000.00. Therefore, no surety needs to be released with the acceptance and approval of this project.

The current maintenance fund balance for the A. J. Myers Drain is \$1,412.31. The current balance does not reflect the 2002 Fall Settlement which the Auditor's Office has not posted to the A. J. Myers Drain fund as of this date due to software problems in the Treasurer's Office. The drain's annual assessment is \$404.40. The Surveyor's Office recommends the Board place the unexpended reconstruction funds in the maintenance fund for this drain per IC 36-9-27-85(a).

The Surveyor's Office recommends the Board approve the reconstruction of this drain as complete and acceptable.

Submitted by

  
 \_\_\_\_\_  
 Kenton C. Ward  
 Hamilton County Surveyor

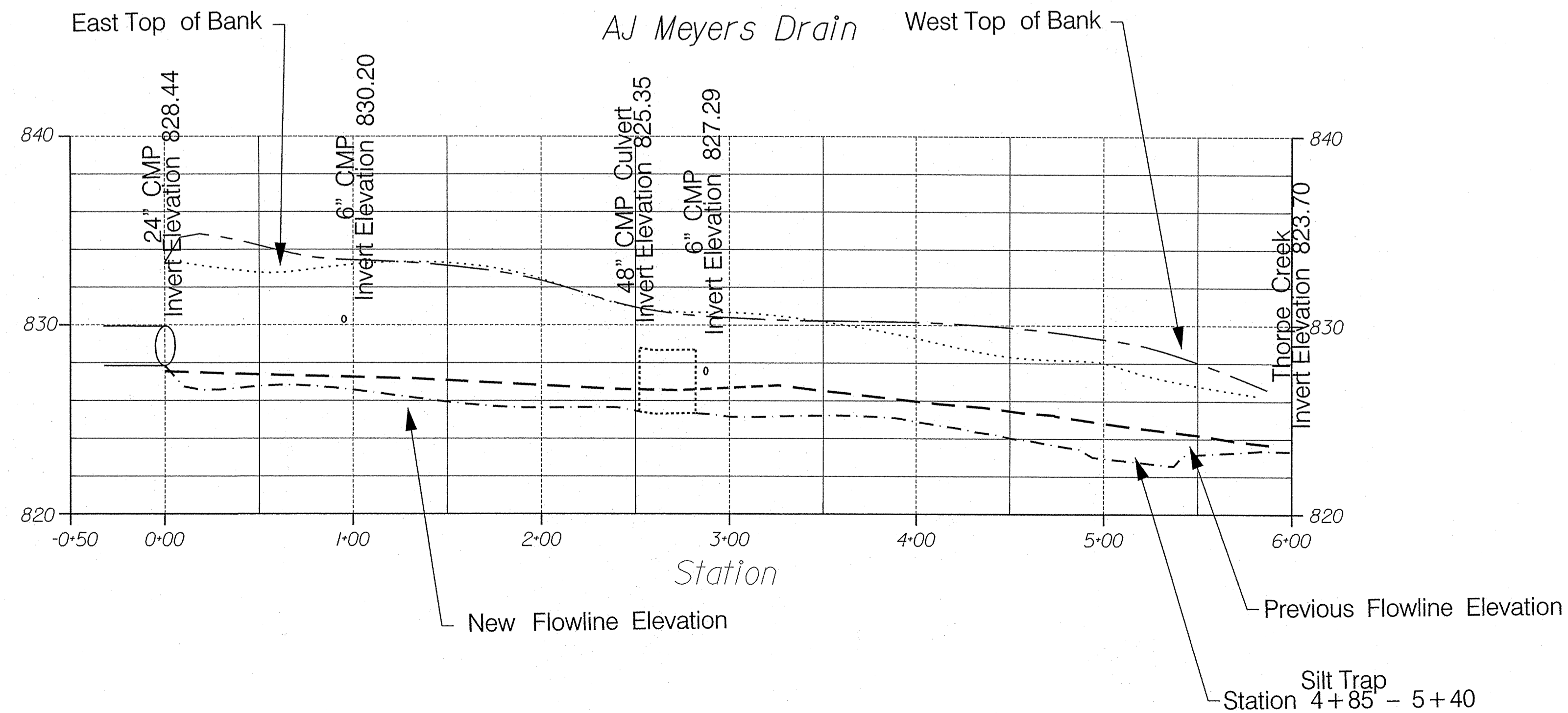


PLAN VIEW  
SCALE 1" = 50'

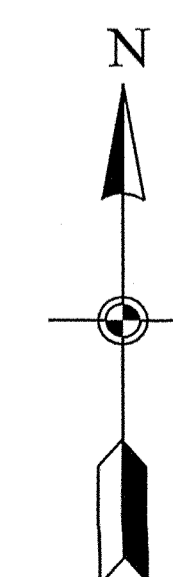
This information was gathered for input into the Hamilton County Geographical Information System. This document is considered an official record of the GIS.

Entry Date: 4-28-04  
Entered by: [Signature]

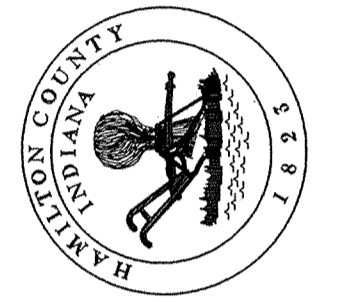
NOTE: Assorted construction debris buried north of 24" CMP outlet



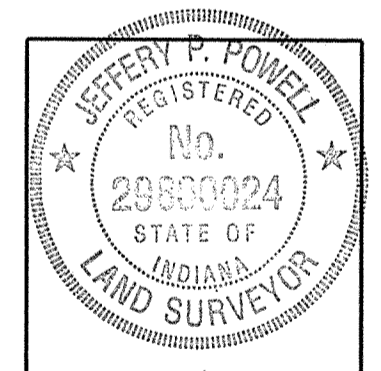
PROFILE VIEW  
HORIZONTAL SCALE 1" = 50'  
VERTICAL SCALE 1" = 5'



HAMILTON COUNTY, INDIANA  
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Hamilton County Government and  
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One Hamilton County Square, Suite 188  
Noblesville, IN 46060  
(317) 776-0628  
surveyor@co.hamilton.in.us



|             |                         |
|-------------|-------------------------|
| Project No: | Watershed No:           |
| By:         | Dgn Name: AJ Meyers     |
| Date:       | Field By: RAE           |
| Revisions:  | Drawn By: RAE           |
|             | Checked By: [Signature] |
|             | Date: 1/30/2003         |



Certified By: [Signature]

Project Name: AJ Meyers Asbults  
Overall Plan Sheet  
PLOT DATE: 02/19/03

SHEET NO. 1 of 1