
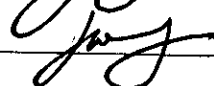
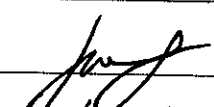

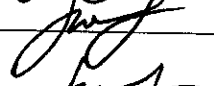

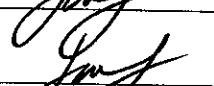


**Drain:** JAMES LOCKWOOD      **Drain #:** 111  
**Improvement/Arm:** RECONSTRUCTION  
**Operator:** J. LIVINGSTON      **Date:** 3-11-04  
**Drain Classification:** Urban/Rural      **Year Installed:** 1993

### 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

Gasb 34 Footages for Historical Cost  
Drain Length Log

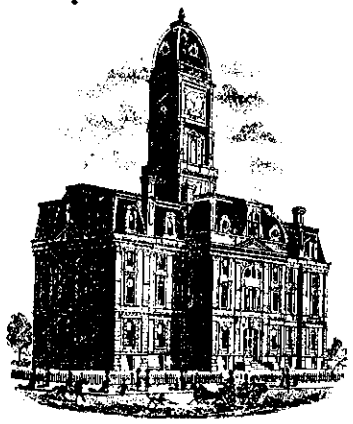
Drain-Improvement: JAMES LOCKWOOD - RECONSTRUCTION

| Drain Type: | Size: | Length | Length<br>(DB Query) | Length<br>Reconcile | If Applicable |       |
|-------------|-------|--------|----------------------|---------------------|---------------|-------|
|             |       |        |                      |                     | Price:        | Cost: |
|             |       |        |                      |                     |               |       |
| CONC. TILE  | 8"    | 347'   | 347'                 |                     |               |       |
| CMP         | 8"    | 80'    | 80'                  |                     |               |       |
| METAL PIPE  | 12"   | 80'    | 80'                  |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |
|             |       |        |                      |                     |               |       |

Sum: 507' 507 \$14,945.<sup>70</sup>

Final Report: \_\_\_\_\_

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



SURVEYOR'S OFFICE  
**Hamilton County**

Kenton C. Ward, Surveyor

776-9626

942 Maple Avenue

Noblesville, Indiana 46060 June 3, 1992

TO: Hamilton County Drainage Board

RE: James Lockwood Drain Revised Report

This report is a revision of my report dated February 14, 1992. The first revision is the Seconded Paragraph of the Second Page. The cost is to be reallocated per the Board at the May 18, 1992 meeting. The project cost is now to be divided one third (1/3) each to the Hamilton County Highway Department, Railroad and the landowners. The cost is to be allocated as follows:

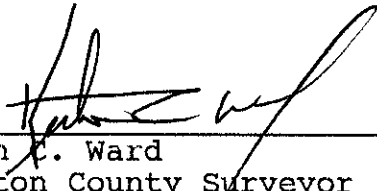
|                                    |         |          |                  |
|------------------------------------|---------|----------|------------------|
| Hamilton County Highway Department |         |          | \$ 6497.00       |
| Nickel Plate Railroad              |         |          | 6497.00          |
| Leeanna Illyes                     | 010     | 12.944ac | 2317.00          |
|                                    | 009     | 5.40ac   | 967.00           |
|                                    | 012     | 17.0ac   | 3043.00          |
| Kenneth Newcome                    | 010.001 | 1.ac     | 179.00           |
|                                    |         |          | <u>19,500.00</u> |

These figures are rounded to the next higher dollar amount.

The second revision is in the size of pipe to be installed under the Railroad. Per the Drainage Board request, the pipe has been enlarged from a ten (10") inch to a twelve (12") inch metal pipe with out additional cost.

Due to the increase for the Railroad, a corrected notice has been sent to the same reflecting the new cost. Because the assessment to the remaining tracts is less, than what was proposed, a corrected notice will not be required for those tracts.

A hearing for this revision will be held on July 20th, 1992 at 9:15am.



---

Kenton C. Ward  
Hamilton County Surveyor

KCW/no



SURVEYOR'S OFFICE  
**Hamilton County**

*Kenton C. Ward, Surveyor*

776-9626

*942 Maple Avenue*

*Noblesville, Indiana 46060* March 31, 1992

TO: Hamilton County Drainage Board

RE: James Lockwood Drain

Per the February Drainage Board meeting the Board requested two (2) changes on the Lockwood Drain. The first was increase the tile under the railroad from ten (10") to twelve (12") inch. The second was to open cut the railroad.

In review of the report I believe the cost to increase from \$120.00 per foot to \$150.00 per foot for the metal pipe and bore.

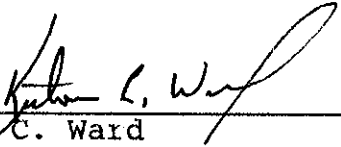
This will increase the cost \$2400.00. The revised cost is as

|          |            |             |
|----------|------------|-------------|
| follows: | Sub Total  | \$20,117.69 |
|          | 10% Contg. | 2,011.77    |
|          | Total      | \$22,129.46 |

The Hamilton County Highway Department cost will increase to \$10,679.86. The remainder of the tracts affected shall be assessed at \$300.00 per acre with a \$300.00 minimum.

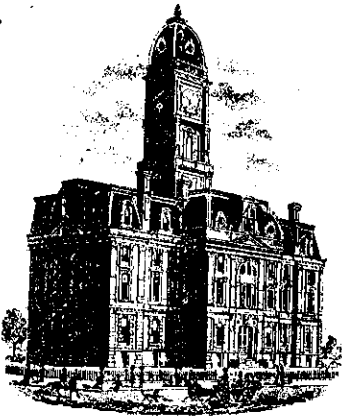
A request for open cut for the railroad has been submitted to PSI energy. At this time I have yet to receive a response. I

recommend the Board set a May 18th hearing in the meantime in order to expedite this matter.



\_\_\_\_\_  
Kenton C. Ward  
Hamilton County Drainage Board

KCW/no



SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor

776-9626

942 Maple Avenue

February 14, 1992

Noblesville, Indiana 46060

TO: Hamilton County Drainage Board

RE: James Lockwood Drain

Due to the proposed improvement on Cumberland Road and the discovery of a problem under the railroad it is necessary to reconstruct a portion of the James Lockwood Drain. The proposed reconstruction affects the upper portion of the main drain, Arm #2 and Arm #3.

The proposed reconstruction will involve intercepting the main drain at or near STA 6+20 and running a new eight (8") inch tile to STA 3+20 on Arm #2. This will involve 100' of eight (8") inch concrete tile and eighty (80') feet eight (8") CMP. Also at STA 4+30 on Arm #3 a new eight (8") inch tile will be run West to STA 3+20 on Arm #2. This will involve 274 feet of eight (8") inch concrete tile. A new ten (10") inch tile shall then be placed under the railroad.

The cost estimate for this work is as follows:

|                                      |                   |            |
|--------------------------------------|-------------------|------------|
| 8" Concrete Tile                     | 374' @ 9.35       | \$ 3496.90 |
| 8" CMP-18 ga                         | 80' @ 11.40       | 912.00     |
| 12" <del>10"</del> Metal Pipe & Bore | 80' @ 120.00      | 9600.00    |
| 10" Concrete Tile                    | 30' @ 10.30       | 309.00     |
| Clearing                             | 0.25ac @ 1000.00  | 250.00     |
| Grading                              | 250.00 Total      | 250.00     |
| Seeding                              | 1.0ac @ 300.00/ac | 300.00     |
| Junction Boxes                       | 4 @ 550.00        | 2200.00    |
| Road Repair                          | 400.00 Total      | 400.00     |
|                                      | Sub Total         | \$17717.90 |
|                                      | 10% Contg.        | 1771.69    |

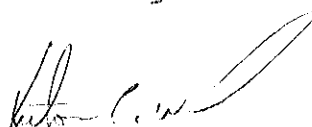
TOTAL \$19,489.69

The Main Drain will be abandoned from STA 6+20 to 8+22 which is its interception with Arm #2. This section will be replaced with 180' of eight (8") inch and approximately eighty (80') feet of ten (10") inch tile which will lengthen the main drain by fifty-eight (58') feet. Arm #2 will be intersected by the main drain at STA 3+20 of Arm #2. Arm #2 will be shortened by fifty (50') feet.

Arm #3 shall be abandoned between STA 4+30 and <sup>5</sup>6+00. STA 5+00, which is the South line of the rail road, to its intersection with the main drain (STA 10+55, Arm 3, STA 13, Main Ditch) shall remain as regulated drain. The new section of Arm 3 shall consist of 274 feet of eight (8") inch tile. This arm shall lengthen by 204 feet. Overall the length of the drain shall increased by 212 feet.

I have reviewed the plans and considered the benefit to each tract. Upon doing so, I believe the County Highway will receive the greatest benefit from the proposed project. This is due to the fact that as part of the Cumberland Road project, five (5) road crossings shall be done under maintenance on this drain. The estimate for this work is \$8093.50 which includes, 1200 feet of eighteen (18") inch RCP, 200 feet of fifteen (15") inch RCP, 160 feet of eight (8") inch CMP and backfill, excavation and disposal of debris. I recommend the Highway Department pay for the cost of the road cut under this proposal, \$1312.00, as per IC 36-9-27-71. I further recommend that the Highway Department pay 45% of the remainder of the cost which would be \$8179.96. The total cost to the Highway Department will be \$9,491.96. The remainder of the cost shall be spread over the 38.34 acres remaining as I believe each shall receive equal benefit for a cost per acre of \$1000.00. The minimum assessment should be set at \$226.30. The maintenance assessment shall remain the same. damages for each property should be set at \$0.00.

I recommend the Board set a hearing for this matter at its April 1992 meeting.

  
Kenton C. Ward  
Hamilton County Surveyor

KCW/no





SURVEYOR'S OFFICE  
**Hamilton County**

*Kenton C. Ward, Surveyor*

*Suite 146*

*776-8495*

*One Hamilton County Square*

*Noblesville, Indiana 46060-2230*

May 25, 1993

TO: Hamilton County Drainage Board

RE: James Lockwood Drain

The reconstruction of the James Lockwood Drain has been completed. This work was done by Sweeney Construction, Inc. per contract dated August 17, 1992.

The contract price for this work was \$14,677.20, which is below the estimate for the job in the amount of \$22,129.46. This is the cost per my revised report dated March 31, 1992.

The drain reconstruction project had two change orders. Change order #1, dated January 6, 1993 called for joint wrap, jetting the highway culverts and allowing concrete block structures.

Change Order #2, dated January 14, 1993 called for the investigation of the tile on the main drain flowing South. It was found that this tile has a belly, low portion, about 400 feet South of STR 1.


The final cost, including the change orders is as follows:

|                 |             |
|-----------------|-------------|
| Contract Price  | \$14,677.20 |
| Change Order #1 | 1,481.00    |
| Change Order #2 | 787.50      |
| TOTAL           | \$16,945.70 |

At this time all claims have been paid. These claims are as follows:

|                |             |
|----------------|-------------|
| 1/22/93 93-058 | \$13,734.47 |
| 1/22/93 93-059 | 787.50      |
| 5/3/93 93-123  | 2,423.73    |

The Board should at this time accept the project as complete and acceptable.



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Kenton C. Ward  
Hamilton County Surveyor

KCW/no

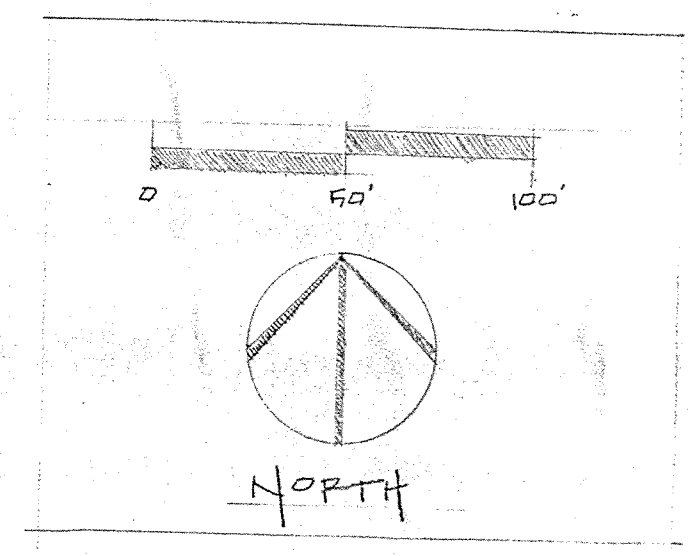
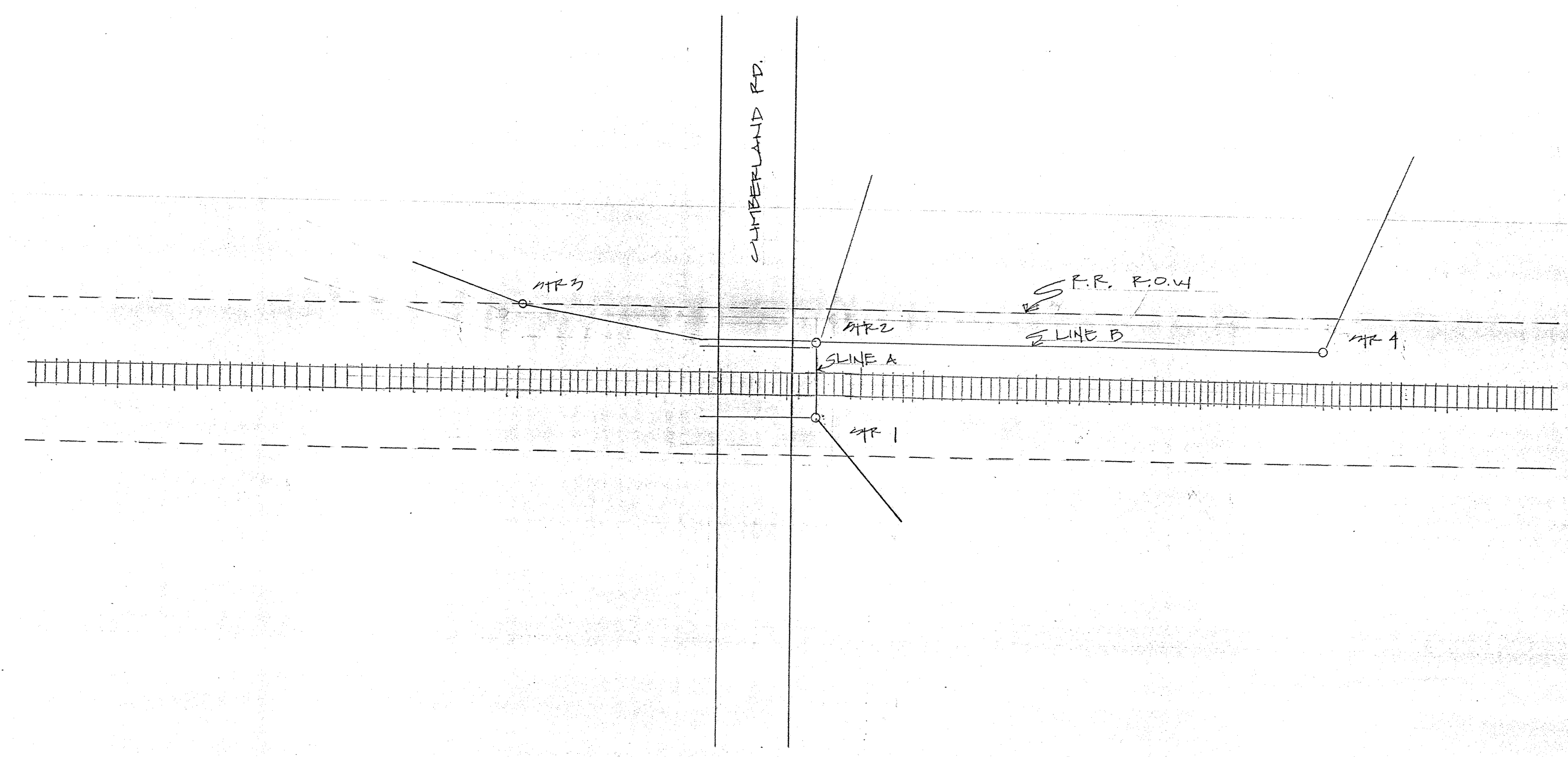


JAMES LOCKWOOD DRAIN

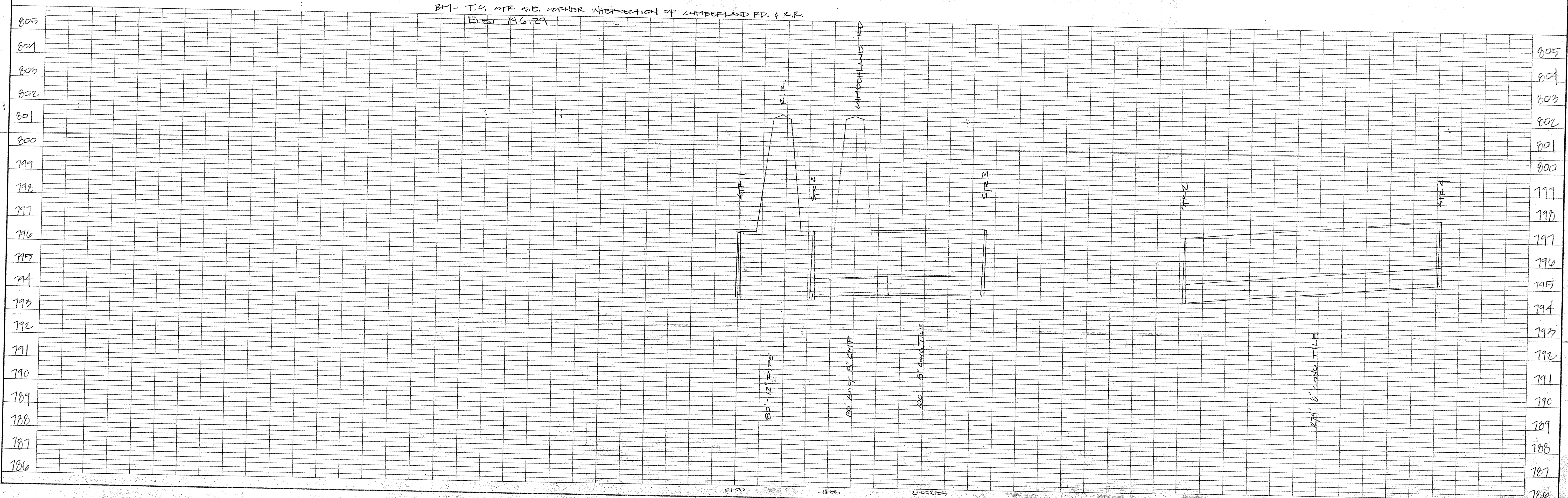
**HAMILTON COUNTY INDIANA**  
1823

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: 3-11-04  
Entered by: *[Signature]*



BM - T.C. STR N.E. CORNER INTERSECTION OF CUMBERLAND RD & R.R.  
Elev 796.29



**PLAN**

DATE: \_\_\_\_\_  
BY: \_\_\_\_\_  
SURVEYED: \_\_\_\_\_  
NOTE BOOK: \_\_\_\_\_  
NO. \_\_\_\_\_  
ADJUSTMENT CHECKED: \_\_\_\_\_  
RT. OF WAY CHECKED: \_\_\_\_\_

**PROFILE**

DATE: 3/11/04  
BY: [Signature]  
SURVEYED: \_\_\_\_\_  
NOTE BOOK: \_\_\_\_\_  
NO. \_\_\_\_\_  
ADJUSTMENT CHECKED: \_\_\_\_\_  
STRUCTURE NOTATIONS CHECKED: \_\_\_\_\_