

**Drain:** ED WALTZ      **Drain #:** 212  
**Improvement/Arm:** RECONSTRUCTION  
**Operator:** J. LIVINGSTON      **Date:** 8-11-04  
**Drain Classification:** Urban (Rural) **Year Installed:** 1986

### GIS Drain Input Checklist

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

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

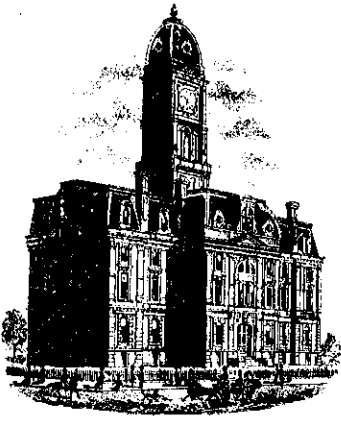
Drain-Improvement: EO WALTZ - RECONSTRUCTION

Drain Type:	Size:	Length	Length (DB Query)	Length Reconcile	If Applicable	
					Price:	Cost:
DREDGING 6775'	—	0'				
BANK WORK, SILT		0'				
TRAPS, CLEARING, ETC						

Sum: \_\_\_\_\_ \$57,297.<sup>35</sup>

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

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



SURVEYOR'S OFFICE

# Hamilton County

Kenton C. Ward, Surveyor

776-9626

*Wm. H. Allen*

Noblesville, Ind. 46060 February 10 1986

To: Hamilton County Drainage Board

Re: Ed Waltz Drainage Area

Attached is a drain map, drainage map, construction plans and assessment roll for the Ed Waltz Drainage Area. The Area is approximately 1.5 miles West of Cicero in Sections 26, 27, 28, 34 and 35, Township 20 North, Range 4 East and Section 2, Township 19 North, Range 4 East in Jackson Township.

The original drain was constructed in 1869 as the William Thompson Drain. This was an open ditch ordered by the Commissioners and began at what is now 236th Street and ran north to a point somewhere in the northeast quarter of the northeast quarter of 27-20-4. In 1880, Martin Meehan petitioned the Commissioners for a drain which consisted of a main drain and 8 arms. Because of remonstrators, three viewers were appointed and a later report by the viewers mention only the main drain and two arms. The County Surveyor made his final report to the Board on April 26, 1881.

In 1912 a petition was submitted for the Asa Wiles Drain. This consisted of tiling part of the Meehan Drain from Station 15+50 to 32+22. Although no records exist of tiling the Meehan Drain from Station 0 to 15+50, this must have occurred prior to this time. The engineers

report mentions a 10" x 15" 'Y' being needed at Station 0 of the Wiles Drain. In 1917 the drain was repaired as the Ed Waltz Drain. This was done by cleaning out the Meehan Drain from Station 32+22 to the south line of Section 34, Township 20 North, Range 4 East. The drain was later assessed for repair in 1935, 1937 and 1942. In 1960 the drain was again cleaned out from Station 32+22 to a point 40 rods south of 236th Street.

The drainage area should consist of the Meehan Drain from Station 0 to 108, which includes the Asa Wiles and Ed Waltz Drains and the Waltz Drain south of 236th Street. This also would include the Herman Morris Drain as a part of the drainage area. Presently the Morris Drain has \$343.72 in the maintenance fund. Collections ~~in 1986~~ will give it another \$474.24 in the fund. Collections should stop after 1986 for the Morris Drain. Funds in the account shall be used until exhausted and thereafter repair cost for the Morris will be taken from the Waltz account.

Because evidence of drains could not be found in the locations described as arms of the Meehan Drain, I recommend that the 8 arms as described be abandoned.

The reconstruction of the Waltz Drain shall begin on the tile north of 249th Street (approximately Station 14+40 of the Meehan Drain) and run to a point 1000 feet downstream south of 236th Street. The cost estimate for this work shall be as follows:

✓ Dredging - 6775' @ \$2.75/ft	\$18,631.25
✓ Bank work - 1800' @ \$2.00/ft	3,600.00
✓ Silt traps - 5 @ \$200/ea.	1,000.00
✓ Clearing - 3.5 acres @ \$1,500/ac	5,250.00

Armoring channel - 150 tons @ \$20/ton	3,000.00
Inchannel armoring - 230 tons @ \$17/ton	3,910.00
✓ Cleanout Highway bridges - 4 @ \$200/ea.	800.00
✓ Replace farm crossing	
pipe	1,700.00
stone-32 tons @ \$17/ton	544.00
installation	500.00
✓ Tile pipes w/animal guard, 20 sections	
8" CMP 6 @ \$150/ea	900.00
10" CMP 1 @ \$180/ea	180.00
12" CMP 1 @ \$220/ea	220.00
15" CMP 1 @ \$260/ea	260.00
18" CMP 2 @ \$340/ea	680.00
✓ Surface Drain - 2000 ft. @ \$100/ft	2,000.00
✓ Erosion control structures	
Structures #1, 2, 5 - 3 @ \$700/ea	2,100.00
Structures #4 1 @ \$800/ea	800.00
Structures #3, 6, 8, 9 -	
4 @ \$1850/ea	7,400.00
Structure #7	3,300.00
Structure #10	2,500.00
✓ Seeding	
5 acres w/fertilizer \$600/ac	3,000.00
2.5 acres w/o fertilizer \$300/ac	750.00
	<hr/>
	\$63,025.25
10% Contingency	6,302.53
	<hr/>
Total	\$69,327.78

I have considered each tract and believe that each will benefit equally. With 1277.68 acres in the drainage shed the cost per acre for this shall be \$54.28, with a \$100.00 minimum. Maintenance should be \$2.00 per acre with a \$10.00 minimum which will total \$2619.68

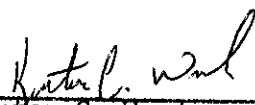
I recommend a hearing be set for April 14, 1986.

**FILED**

FEB 10 1986

KCW/jh HAMILTON COUNTY DRAINAGE BOARD

SECRETARY

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



SURVEYOR'S OFFICE  
**Hamilton County**

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 September 23, 1986

TO: Hamilton County Drainage Board

RE: Ed Waltz Drainage Area

On September 22, 1986, I made the final inspection on the reconstruction of the Ed Waltz Drain by Ron Taylor Excavating, Inc.. At this time I found the work to be complete and acceptable.

The contract price of \$54,193.75 was reduced to \$53,443.75 because of tile outlet pipes which were not used. However, extra work was done which included additional dredging, North of 236th Street, bank excavation South of 249th Street, animal guards for existing tiles, additional tile and searching for tile.

The revised contract price was \$53,443.75, with \$5853.50 of extra work, the final cost for the drain was \$59,297.25, which is below the cost estimate of \$69,327.78.

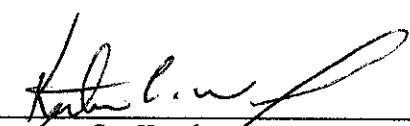
Claims for \$51,281.25 have been paid at this time. A claim for the retainer, \$8016.00, should be paid. A statement for expenses has been submitted by the contractor.

The reconstruction assessment should be reduced to \$48.00 an acre, with the same minimum.

**FILED**

OCT 14 1986

KCW/no

  
Kenton C. Ward  
Hamilton County Surveyor

**HAMILTON COUNTY DRAINAGE BOARD**

SECRETARY