

Drain: JOHNSON & GARDNER ARM 1 OF ARM 2 **Drain #:** 169
Improvement/Arm: _____
Operator: J. LIVINGSTON **Date:** 2-4-04
Drain Classification: Urban/Rural **Year Installed:** 1983

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 _____



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

773-6110 Ext. 19

Noblesville, Ind. 46060 February 23, 1983

To: Hamilton County Drainage Board

Re: Arm 1 to Arm 2, Johnson & Gardner Drain

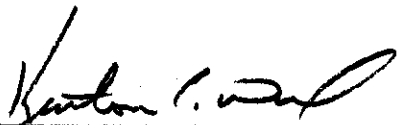
Attached is an assessment roll, drainage shed map, drain location map, construction plans and a petition to construct an Arm 1 to Arm 2 of the Johnson & Gardner Drain. This petition was submitted by the County Commissioners on February 22, 1983 for drainage of Mule Barn Road North of State Road 32. The plan calls for a 10 inch concrete tile 1600 feet in length from Mule Barn Road to Sta 0 of Arm 2 of the Johnson & Gardner Drain. Also, 1000 feet of Arm 2 would be dredged.

The description of Arm 1 to Arm 2 would be as follows. Beginning at a point approximately 300 feet North and 16.5 feet West of the South East corner of the North East quarter of Section 31, Township 19 North, Range 3 East, thence East 33 feet, thence in a South Easterly direction 1567 feet to Sta 0 of Arm 2, Johnson & Gardner Drain.

I have reviewed the petition and found it to be in proper form. I also believe that, 1. the proposed drain is practicable; 2. the proposed drain will improve public health, benefit a public highway, be of public utility; and 3. the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited.

The cost estimate for the project is \$7,730.00. The County Highway Department has indicated it will pay half or \$ 3,865.00 of the cost. The remaining 128.0 acres benefited will be assessed \$30.20 per acre for the balance. I also recommend that a maintenance program be established at \$2.00 per acre, \$6.00 minimum. With 134.0 acres in the drainage shed the yearly total will be \$268.00.

I recommend a hearing be set for May 2, 1983 at 1:35 P.M.



Kenton C. Ward, Surveyor

KCW/jg

FILED

MAR 1 1983

HAMILTON COUNTY DRAINAGE BOARD

Paul J. Oldham
SECRETARY

IN THE MATTER OF THE
HAMILTON COUNTY DRAINAGE
BOARD

Comes now the Board of Commissioners of Hamilton County, who petition the Hamilton County Drainage Board as follows:

1. They are the duly elected Board of Commissioners of Hamilton County, Indiana.
2. That in that capacity they are responsible for the drainage of public highways.
3. That they now desire that a legal drain be established in Washington Township which involves Mule Barn Road and various areas surrounding the road in the drainage shed.
4. The names and address of each owner affected by the proposed public drainage are attached hereto, made a part hereof, and marked Exhibit "A", which area of land involved in the proposed drainage area is located in sections 31 and 32, township 19 north, range 3 east, Hamilton County, Indiana.
5. No other public lands or owners are located in the area which would affect improvement.
6. That the general route of the proposed drain is shown in the attached plan which is marked Exhibit "B" and made a part hereof.
7. That in the opinion of the Petitioner, the costs, damages, and expenses of the proposed improvement will be less than the benefits which will result to the owners of the land to be benefited thereby.
8. That in the opinion of Petitioner, the proposed improvement will benefit a public highway in Hamilton County, Indiana.
9. That the name of the attorney representing Petitioner in the drainage petition is Adler & Tudor, 53 N. Sixth Street, Noblesville, Indiana.
10. That Petitioners shall pay the cost of notice and all legal costs if the Petition is dismissed.
11. Petitioner shall post a bond, if required, to pay the cost of notice and all legal costs in the case the improvement is not established.

Board of Commissioners of Hamilton County, Indiana

BY: *Phil Henderson*
Phil Henderson, President



SURVEYOR'S OFFICE
Hamilton County

Kenton C. Ward, Surveyor

776-9626

Noblesville, Ind. 46060 June 25, 1984

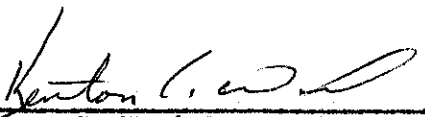
TO: Hamilton County Drainage Board

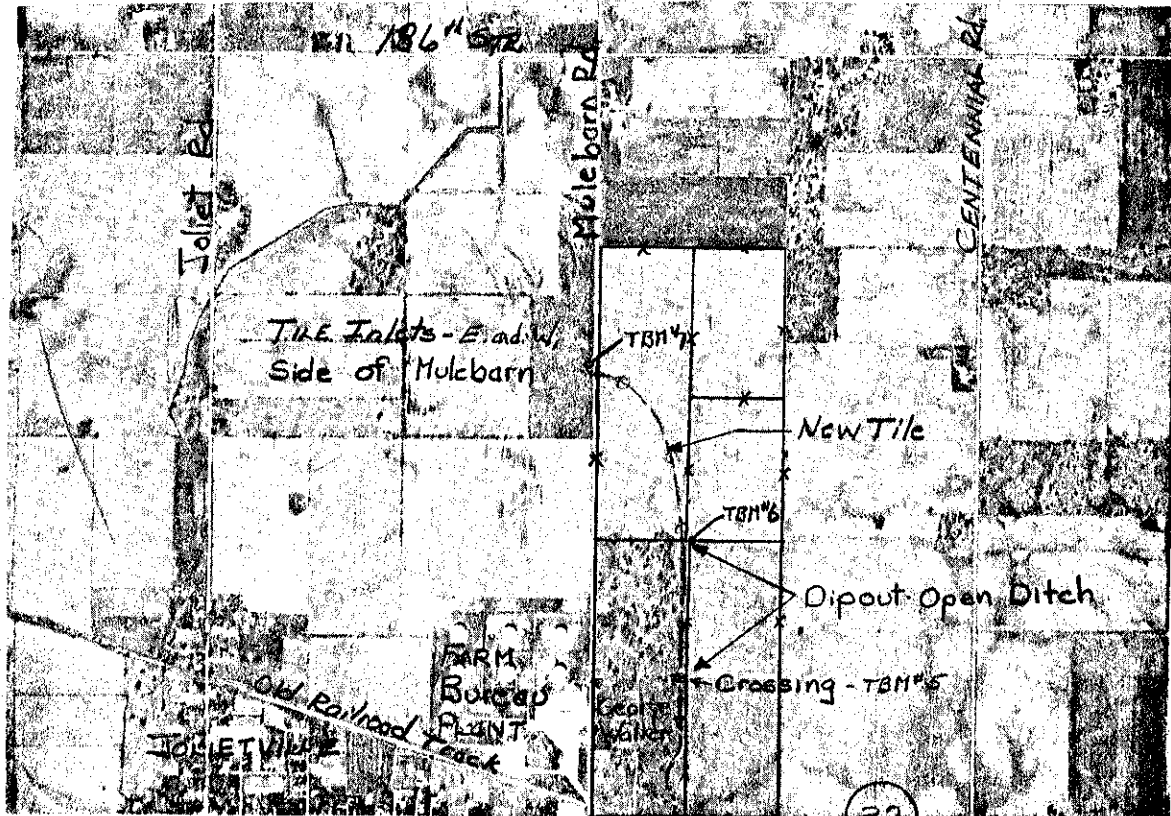
RE: Arm #1 to Arm #2
Johnson and Gardner Drain

On June 5, 1984 I made a final inspection on the construction of Arm #1 to Arm #2 Johnson and Gardner Drain. At that time I found it to be complete and acceptable.

The total cost for this work is the contract price of \$6653.40. The estimate for the work was \$7730.00. A revised assessment roll is attached. A claim for the remainder, \$450.00 should be approved. A statement for payment of expenses has been submitted.

KCW/no


Kenton C. Ward-County Surveyor



LOCATION PLAN
Scale: 1 inch = 1320 feet

LEGEND

Road	---	New Drain Installed	—●—●—●—
Farm Boundary	- - - - -	Existing Deep Ditch	====
Permanent Fence	- x - x - x - x -	Proposed Deep Ditch	—●—●—●—
Existing Drain Line	- - - - -	Existing Shallow Ditch	—●—●—●—
Proposed Drain Line	- - - - -	Proposed Shallow Ditch	—●—●—●—

DESIGN DETAILS

Line	Stations	Drain area acres	Dominant soil type	Grade %	Drain coef.	Capacity required CFS	Drain size inches	Capacity available CFS
Main	0100 - 16100	10	Brookston	0.15	2"	0.84	10" Concrete	0.8
						0.84	12" Plastic	1.1

Materials:

- DREDGE Open Ditch - 1000'
- 10" Concrete or 12" Plastic Tile - 1600'
- 12" CMP ~~or 12" CMP~~ w/animal guard - 20'
- Tile Inlets - 2
- 12" Reinforced Concrete Bell Tile - 40'
- ~~HMP or Schedule 40 PVC - 70'~~

SUBSURFACE DRAINAGE PLAN

NAME Co. Highway - Mulebarn Rd.

U.S. DEPARTMENT OF AGRICULTURE
SOIL CONSERVATION SERVICE

Designed <u>J. South</u>	Date <u>1/83</u>	Approved by <u>John South</u>
Drawn		Title <u>D.E.</u>
Checked <u>T. Schellenberger</u>	<u>1/83</u>	Title
Reviewed		Sheet
		Drawing No.
		No.
		Of