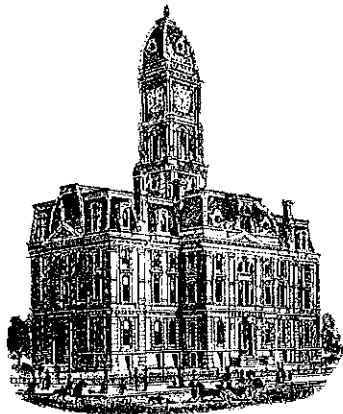


K.C.W.



# SURVEYOR'S OFFICE Hamilton County

*Kenton C. Ward, CFM*  
*Surveyor of Hamilton County*  
*Phone (317) 776-8495*  
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*Suite 188*  
*One Hamilton County Square*  
*Noblesville, Indiana 46060-2230*

November 30, 2020

TO: Hamilton County Drainage Board

RE: Mallery-Granger Drain Reconstruction

Attached is a drainage map, drainage shed map and schedule of assessments for the reconstruction of the Mallery-Granger Drain. The Mallery-Granger Drain is currently listed as Number 3 on the 2020 Classification List as being in need of reconstruction.

The Drainage Area of the Mallery-Granger Drain covers a portion of Section 12, Township 19 North, Range 4 East, of Jackson Township and portions of Sections 13, 14, 23, 24, 25 & 26 of Township 19 North, Range 4 East, of Noblesville Township. The total watershed for the drain is approximately 1,110.98-acres and 162-lots.

The Mallery Granger Drain consists of the Mallery Granger Drain, Arm 1, the North Arm, the Feather Cove Arm, the John Deere Arm, and the State Road 19 Extension Arm.

The Mallery-Granger Regulated Drain is an open ditch that starts approximately 623-feet west of SR 19 and approximately 2,680-feet south of 206th Street. The drain then runs west and crosses under James Road after which the drain turns south and continues generally to the south and crossing under 196th Street to where it ends on the Fox Prairie Golf Course property approximately 560-feet south of 196th Street. The Mallery Granger ditch continues as an unregulated drain to State Road 19 where the ditch again becomes a regulated drain as described below.

Arm 1 of the Mallery Granger Drain begins at 216<sup>th</sup> Street approximately 1,783-feet east of Hague Road and generally drains south crossing under James Road twice, then under 206<sup>th</sup> Street and then under James Road a third time before discharging to the main ditch at approximate Station 29+89 of the main ditch.

The North Arm of the Mallery Granger Drain starts at the intersection of Hague Road and Carrigan Road, flows easterly and discharges to Arm 1 of the Mallery Granger Drain.

The Feather Cove Arm of the Mallery Granger Drain drains the Feather Cover Development on the west side of Hague Road. The Arm drains north along the west side of Hague Road and then drains east crossing under Hague Road and discharging to the main ditch.

The John Deere Arm of the Mallery Granger Drain runs along the eastern edge of the Morse Lake Industrial Park, LLC property. The drain is an open ditch that discharges to the Feather Cove Arm of the Mallery Granger Drain.

A Surveyors Report dated September 24, 2009 for the Mallery Granger Drain State Road 19 Extension was presented to the Drainage Board at the meeting of November 23, 2009. This Drain is within the channel of the existing Mallery Granger drain between State Road 19 and the White River that was not part of the regulated drain system. The drain was established at the meeting. [See Hamilton County Drainage Board Minute Book 12, pages 331-332].

## **HISTORY**

The Mallery-Granger Drain was constructed by order of the Hamilton County Circuit Court in 1881. (Order Book 4, pages 545-553). The original drain consisted of a main drain and three (3) arms. Over the years since originally constructed the drain was altered several times. The first was by the construction of the Indiana Filler Drain constructed in 1915 which replaced Arm 2 of the drain. The second was in 1928-1930 when the construction of the County-McMahon Drain replaced the first 663 feet of the main drain and Arm 3. The Mallery-Granger Drain was dredged by order of the Hamilton County Commissioners in 1917. The drain was last dredged in 1955 by order of the Hamilton County Circuit Court (see Hamilton County Drainage Board Minutes Book 14, pages 387-395).

The Mallery-Granger Drain, North Arm was petitioned on February 21, 1995 by the City of Noblesville. The drain was described in a report to the Board dated June 7, 1999 and approved by the Board on June 28, 1999 (see Hamilton County Drainage Board Minutes Book 5, page 169 to 172).

The Feather Cover Arm of the Mallery-Granger Drain was petitioned by Community Development II, Inc. The drain was outlined in a report to the Board dated July 14, 2000 and was approved by the Board at hearing on August 28, 2000 (see Hamilton County Drainage Board Minute Book 5, pages 423-425).

The John Deer Arm of the Mallery-Granger Drain was petitioned by Morse Lake Industrial Park, LLC to regulate a portion of open drain along the east property lines of Tract 11-06-24-00-00-024.000 and Tract 11-06-24-00-00-024.002. This open drain outlets into the existing Feather Cove Arm of the Mallery-Granger Drain and is described in a report to the Board dated March 18, 2005 and approved by the Board at hearing on May 23, 2005 (see Hamilton County Drainage Board Minutes Book 8, pages 316-317).

The Mallery Granger Drain was placed on maintenance during the November 28, 2012 meeting of the Drainage Board (see Hamilton County Drainage Board Minutes Book 14, pages 387-395). The main ditch located east of the Nickel Plate Railroad is under maintenance as part of the County McMahon Drain.

A contract with VS Engineering to develop construction plans for the dredging of the entire length of Arm 1, and the Main Drain from the rail line at approximately station 18+69 to the end at Station 66+00 was approved on January 12, 2015. [See Hamilton County Drainage Board Meeting Minutes Book 16, pages 79-80].

A Public Information Meeting was held on December 13th, 2016 where the proposed plans to improve the ditch were presented to the affected property owners. At the meeting the general opinion of the property owners in attendance was that the project was not needed. However, after the meeting a few property owners not wanting to speak up for it at the meeting did state that they believed there was a need for the project. The plans have been revised to reflect pertinent comments regarding the design.

The following drain complaints and work orders are on file at the Hamilton County Surveyor's Office. To date, all the work orders have been addressed or completed.

Landowner (at time of complaint)	Date	Complaint
Blackwell, Regina R	1/28/2005	Culvert under drive is rusted through
Noblesville Multi School Building Corporation	9/5/2007	Erosion into drain
Church, Manson E	9/5/2007	Sediment
Hamman, Sean & Janice	6/29/2010	Sink hole
Gollner, Michael E & Teri J	3/13/2012	Clogged on east side of ditch
Crystal Lake Homeowners Assoc Inc	5/3/2013	Hole at inlet
Heinzman, Edward C	6/2/2016	Trees down in ditch near road
Bozell, David R & Rachel C	11/15/2017	Tree down between Noblesville West Middle School & Bozell property
Bozell, David R & Rachel C	4/11/2018	Water coming from the East
Minniear, Robert E	5/16/2018	Small hole over SSD at box structure

### MAINTANANCE

The maintenance assessment rates were last revised for the 2013 collections.

The current rates are as follows:

1. Maintenance assessments for platted residential / agricultural tracts set at \$4.00 per acre with \$15.00 minimum.
2. Maintenance assessments for platted lots in subdivisions whose drainage systems will not be part of the regulated drain set at \$35.00 per lot/minimum. Common areas within the non-regulated drain subdivisions shall be assessed at \$5.00 per acre with a \$35.00 minimum.
3. Maintenance assessment for platted lots within subdivisions whose drainage system will be part of the regulated drain set at \$65.00 per lot/minimum. Common areas within the regulated drain subdivisions shall be set at \$10.00 per acre with a \$65.00 minimum.
4. Maintenance assessment for commercial, institutional and multi-family residential tracts to be set at \$10.00 per acre with a \$75.00 minimum.
5. Maintenance assessment for roads and street be set at \$10.00 per acre.

With above rates the drain collects \$16,280.54 annually.

I recommend the rates be increased to the following rates:

1. Maintenance assessment for agricultural tracts be set at \$5.00 per acre with a \$35.00 minimum.
2. Maintenance assessment for non-platted residential tracts be set at \$5.00 per acre with a \$35.00 minimum.
3. Maintenance assessments for platted lots in subdivisions whose drainage system will not be part of the regulated drain shall be set at \$45.00 per lot/minimum. Common areas within the non-regulated drain subdivisions shall be assessed at \$6.00 per acre with a \$45.00 minimum.
4. Maintenance assessment for platted lots within subdivisions whose drainage system will be part of the regulated drain shall be set at \$75.00 per lot/minimum. Common areas within the regulated drain subdivisions shall be set at \$15.00 per acre with a \$75.00 minimum.
5. Maintenance assessment for commercial, institutional and multi-family residential tracts to be set at \$20.00 per acre with a \$90.00 minimum.

6. Maintenance assessment for roads and streets be set a \$25.00 per acre.

With above rates the drain will collect \$23,887.06 annually. These collections rates will begin in May 2021.

## EXISTING CONDITIONS

The Surveyors Report dated September 28, 2012 and presented to the Drainage Board at the meeting of November 26, 2012 stated the following:

“Although the Mallery-Granger Drain is on the reconstruction list, I am recommending that it be placed on maintenance at this time. The drain shall remain on the reconstruction list until plans can be finalized and a reconstruction hearing held to reconstruct the drain. By placing the drain on maintenance at this time when the reconstruction plans are prepared the Board can utilize up to 75% of that fund under IC 36-9-27-45.5 to offset reconstruction costs.

At this time the open ditch is heavily overgrown and is need of clearing. The drain is susceptible to jams caused by debris which cases backwater and localized flooding. It is possible for large woody debris to collect on road crossings. This creates a threat to the bridge/culvert structure and can redirect flow causing erosion.”

These conditions still remain.

Additionally, the report states the following:

“Although not specifically noted in the NPDES Phase II General Permit Application, Storm Water Quality Management Plan Part C: Program Implementation Report, The Mallery-Granger Drain is within the drainage shed for the White River which is identified on Page 2 of the report as an MS4 receiving stream.

The Mallery-Granger Drain is mentioned in the NPDES Phase II General Permit Application Storm Water Quality Management Plan Part B: Baseline Characterization Report. The drain is listed on the following pages of this report:

- Page 7 as #05120201070030 Watershed within the MS4 Area.
- Page 16 as being an impaired waterbody due to E. Coli.
- Page 32 as being a priority watershed.
- Page 44 as being a priority watershed due to multiple impairments and as a recreational watershed.

This drain is listed on the 2012 303(d) List of Impaired Waters for Indiana on pages 130 and 246. The impairment listed is for E. Coli.” (see Hamilton County Drainage Board Minutes Book 14, pages 387-395)

The total current watershed length of the drain is 27,585-feet.

The open ditch portion of the drain was inspected visually in December 2014. The inspection identified that the open ditch portion of the drain is heavily overgrown with vegetation and has a high amount of accumulated sediment in the channel. This sediment compromises both the hydraulic capacity of the road crossings and the ability to effectively drain the root zone of the adjacent agricultural lands. An adequately drained root zone relieves

stress on plants and also provides aeration to the root system, which potentially increases production/yield of the acreage.

## **RECONSTRUCTION PROJECT**

The project was designed by VS Engineering.

The project lies with Sections 13, 24 and 25 of Township 19 North Range 4 East in Noblesville Township and is located within the Mallery Granger Watershed. The project comprises the reconstruction of the entire Arm 1 between Stations 0+00 and 86+60 and the portion of the Main Drain between Stations 18+69 (approximately) and 66+00. The total length of the Drain to be dredged is 13,391-feet. The project consists of the widening and lowering of the open ditch to restore the capacity of the open ditch.

The Main Drain between Stations 6+23 and 18+69, the North Arm, the Feather Cove Arm, the John Deere Arm, and the State Road 19 Extension Arm are not included in this project.

Arm 1 begins at the north line of the Northwest  $\frac{1}{4}$  of Section 13 (at 216th Street) and continues downstream generally south and generally along the half section line through Section 13 and Section 24 to the confluence with the Main Drain in the Southeast  $\frac{1}{4}$  of the Northwest  $\frac{1}{4}$  of Section 24.

The portion of the Main Drain to be dredged is from the western side of the railroad (at approximately Station 18+69 of the Main Drain) to Station 66+00 of the Main Drain, approximately 560-feet south of 196<sup>th</sup> Street. The portion to be dredged starts approximately in the Southwest  $\frac{1}{4}$  of the Northeast  $\frac{1}{4}$  of Section 24 and runs west and then south through Section 24 to the Northwest  $\frac{1}{4}$  of Section 25.

The field surveyed length from the VS constructions plans dated January 31, 2018 is 8,817-feet for Arm 1 and 4,822-feet for the portion of the Main Drain for a total length of 13,639-feet. This distance is 248-feet longer than the total distance noted above based on the historic stationing. This distance of 248-feet represents a 1.85% difference and is considered negligible for the purposes of this report.

A new channel was recommended for the entire length of the project. The recommended bottom width of the new channel was 4-feet.

The side slopes of the new channel in all segments is 2-foot horizontal for each 1-foot vertical.

Due to the existing elevation of the open ditch being below the proposed elevation of the open ditch, there will be no channel work on Arm 1 between Stations 43+18 and 43+78, 46+42 and 47+36, and 48+20 and 56+39.5.

The project includes the replacement of a drive crossing, the replacement of 4 road crossings, the extension of 39 private tile outlets, the installation of 18 surface water pipes, and the installation of rip-rap armoring at various locations and bends along the open ditch. The existing 42" CMP crossing of the Main drain at James Road and the bridge crossing at 196<sup>th</sup> Street will remain in-place. Each of the five crossings to be reconstructed are being lowered to match the proposed flow line and are being increased in size.

The existing 24" CMP under 211<sup>th</sup> Street at Station 30+56 of Arm 1 will be removed and replaced with a 48" CMP. The existing 48" CMP under James Road at Station 56+60 of Arm 1 will be removed and replaced with a 38" x 60" CMP. The existing 60" CMP under 206<sup>th</sup> Street at Station 58+42 of Arm 1 will be removed and replaced with a 60" CMP. The existing 60" CMP under an existing driveway at Station 72+82 of Arm 1 will be removed and replaced with a 60" CMP. The existing 48" CMP under James Road at Station 75+49 of Arm 1 will be removed and replaced with a 60" CMP.

The project will include tree removal and clearing of debris. 75-foot conservation clearing will take place to facilitate an operational side for equipment access for the project and for future maintenance. The operational side will also be planted with a 20-foot filter strip. The operational side is outlined below.

The operational side for Arm 1 between Stations 0+00 and 30+56 and between Stations 58+42 and 87+75 will be on the west bank.

The operational side for Arm 1 between Stations 30+56 and 58+42 will be on the east bank.

The operational side for the Main Drain will be on the north/west bank between Stations 18+91 and 66+00.

#### **FILTER STRIPS**

In order to protect the drain from siltation, I recommend that a twenty (20) foot filter strip be installed and established on the operational side of the Mallery Granger open ditch. The work shall include the installation of filter strip markers. The side of the open ditch and the parcel across which the filter strip will be installed is as follows:

##### *West Bank of the Drain*

10-06-13-00-00-002.004	Green, John W. & Linda M.
10-06-13-00-00-018.000	Fortgang, Ronald & Delibero, Renee; jt/rs
10-06-13-00-00-018.001	Breining, Michael
10-06-24-00-00-003.001	Carnevale Family Rev Trust
10-06-24-00-00-013.504	Blackwell, Regina R.
10-06-24-00-00-001.000	Cruzan II, Robt (1/2int); Bloehs, Angela (1/4 int); Coletto, Scott (1/4 int)
10-06-24-00-00-021.000	Noblesville Multi School Building Corp.
10-06-24-00-00-015.003	Hoover, Chalmer & Andrea
10-06-24-00-00-015.004	McCarty, John & Linda

##### *East Bank of the Drain*

10-06-13-00-00-019.000	RCM Farms, LLC
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10-06-13-00-00-020.000	RCM Farms, LLC
10-06-13-00-00-015.000	Russel, Lawrence A. & Geraldine A.

*North Bank of the Drain*

10-06-24-00-02-001.000	Reiger, Mark A. & Ashley C.
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**EASEMENTS**

The drain is being reconstructed in place. As currently designed, the reconstruction of this drain will not require acquisition of new easement. All work will occur within the existing 75-foot easement from the top of bank per IC 36-9-27-33.

**PERMITS**

Permits have not yet been submitted for this project.

**CHANGES TO THE DRAIN**

There are no changes proposed to the length of the Drain.

**QUANTITIES & COST ESTIMATE**

VS Engineering, Inc., was hired by approval of a Professional Services Agreement for Survey and Design in the amount of \$42,750.00 on January 26, 2015 per Hamilton County Drainage Board Book 16 Page 96. This Contract was paid from the Mallery Granger Shed Maintenance Fund and this amount will be repaid when settlement from the reconstruction assessments are received. VS Engineering will also be hired to provide Professional Survey Services for Construction Staking, Periodic Elevation Checks, and As-Built drawings if the reconstruction project is approved.

The construction cost estimate for the project is outlined in detail as follows:

<b><i>Regulated Drain Work</i></b>				
Item Description	Quantity	Unit	Unit Cost	Total Cost
12" CMP Surface Drains	18	EA	\$2,250.00	\$40,500.00
Tile Outlets	39	EA	\$ 450.00	\$17,550.00
Rip Rap, Revetment	5,100	TON	\$ 45.00	\$229,500.00
Dredging	13,639	LFT	\$ 16.00	\$218,224.00
Restoration and Mulched Seeding	35,100	SYS	\$2.25	\$78,975.00
60" CMP; Drive Crossing [Arm 1 Sta: 72+82]	19	LFT	\$534.00	\$10,146.00



Compacted #53 Stone	13	TON	\$34.00	\$442.00
60" End Section	2	EA	\$6,074.00	\$12,148.00
Pavement Restoration	100	SYS	\$91.00	\$9,100.00
Erosion Control	1	LS	\$30,371.00	\$30,371.00
Clearing	10	ACRES	\$3,515.00	\$35,150.00
Maintenance of Traffic	1	LS	\$6,974.00	\$6,974.00
Subtotal				\$689,080.00
15% Contingency				\$103,362.00
<i>Reconstruction Total</i>				<i>\$792,442.00</i>

<b>City of Noblesville Work</b>				
Item Description	Quantity	Unit	Unit Cost	Total Cost
Scour Protection [196th Street]	1	LS	\$7,593.00	\$7,593.00
			Subtotal	\$7,593.00
			15% Contingency	\$1,138.95
			Total lump sum to City of Noblesville	\$8,731.95

<b>Hamilton County Highway Work</b>				
Item Description	Quantity	Unit	Unit Cost	Total Cost
48" CMP; 211 <sup>th</sup> Street [Arm 1 Sta: 30+56]	47	LFT	\$382.00	\$17,954.00
48" CMP End Section [211 <sup>th</sup> Street Culvert at Arm 1 Sta: 30+56]	2	EA	\$ 4,556.00	\$9,112.00
38"x60" CMP; James Road [Arm 1 Sta: 56+60]	41	LFT	\$416.00	\$17,056.00
38" x 60" CMP End Section [James Road Culvert at Arm 1 Sta: 56+60]	2	EA	\$ 6,074.00	\$ 12,148.00
60" CMP; 206 <sup>th</sup> Street [Arm 1 Sta: 58+42]	50	LFT	\$534.00	\$26,700.00

60" End Section [206 <sup>th</sup> Street Culvert at Arm 1 Sta: 58+42]	2	EA	\$6,074.00	\$12,148.00
60" CMP; James Road [Arm 1 Sta: 75+49]	34	LFT	\$534.00	\$18,156.00
60" End Section [James Road Culvert at Arm 1 Sta: 75+49]	2	EA	\$6,074.00	\$12,148.00
Compacted #53 Stone	115	TON	\$34.00	\$ 3,910.00
Pavement Restoration	400	SYS	\$91.00	\$36,400.00
Subtotal				\$165,732.00
15% Contingency				\$24,859.80
<i>Total lump sum to County Highway</i>				<i>\$190,591.80</i>

#### **COST SUMMARY**

Item Description	Cost
VS Engineering Survey and Design	\$ 42,750.00
VS Engineer Staking and As Built [Estimate]	\$ 40,000.00
Regulated Drain Reconstruction	\$ 792,442.00
City of Noblesville	\$ 8,731.95
Hamilton County Highway	\$190,591.80
<i>Total Project Cost</i>	<i>\$ 1,074,515.75</i>

The total cost of this project is estimated to be \$1,074,515.75.

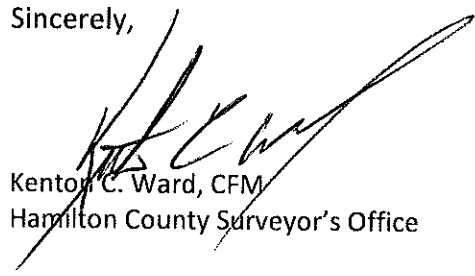
The cost of the new pipe and culvert work at 276<sup>th</sup> Street will be paid by the County Highway Department per IC 36-9-27-71. The lump sum cost to be charged to the County Highway will be \$190,591.80. The cost of the scour protection at 196<sup>th</sup> Street will be paid by the City of Noblesville per IC 36-9-27-71. The lump sum cost to be charged to the City of Noblesville will be \$8,731.95. At this time the maintenance fund has a balance of \$146,335.05. As mentioned above, per IC 36-9-27-45.5, the Board may use up to 75% of the fund to offset reconstruction costs. I recommend the Board utilized \$109,751.00 of the maintenance fund to help offset reconstruction costs. The remaining \$765,441.00 will be spread out to the entire drainage shed. The drainage shed for this reconstruction project is 1,110.98-acres and 162-lots. I have reviewed the benefitted drainage shed and upon considering each parcel individually, I

believe each parcel within the drainage shed will have equal benefits as provided by the drain. Therefore, I recommend each tract be assessed on the same basis equally.

I also believe that no damages will result to landowners by reconstruction of this drain. I recommend a reconstruction assessment of \$589.38 per acre with the minimum assessment set at \$589.38.

I recommend that the Board set a hearing for this proposal for January 25, 2021.

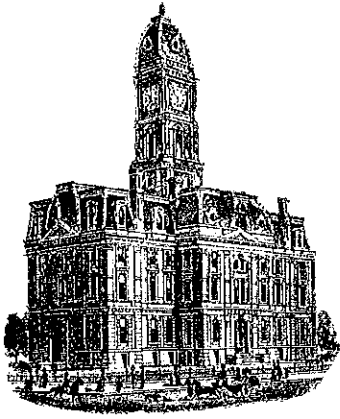
Sincerely,



Kenton C. Ward, CFM  
Hamilton County Surveyor's Office

KCW/pll

KCW



SURVEYOR'S OFFICE  
**Hamilton County**

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*Noblesville, Indiana 46060-2230*

February 2, 2021

To: Hamilton County Drainage Board

Re: Mallery-Granger Drain Reconstruction

At the January 25, 2021 hearing the Board set the interest rate for the payments for the reconstruction at 3% and asked that I come up with a plan on an Urban Assessment to extend the assessment collection period. I went to the sections of the Drainage Code, Sections 67, 68, 69 and 88 to review. As the Board knows the payment period for reconstruction and construction payments is over five (5) years as per Section 88(1). If the Board designates land as Urban Land in its Certification of Assessment the payment period can go no more than 20 years per Section 88(2). Also, the statutory interest established in Sections 85 and 86 of the Code is 10%.

I then found that the "cash on hand" in the GDIF is only \$2,650,909.00. With approximately \$180,000.00 left to pay out on the Krause and Barker projects the amount drops to \$2,470,909.00. The estimated costs for the Mallery-Granger Reconstruction is \$1,074,515.00.

Due to the rapid depletion of the GDIF I recommend that the Board set the payment period at seven (7) years.

Sincerely,

Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/llm

FINDINGS AND ORDER

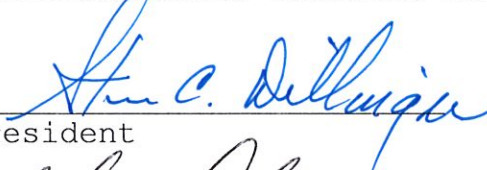
CONCERNING THE MAINTENANCE OF THE

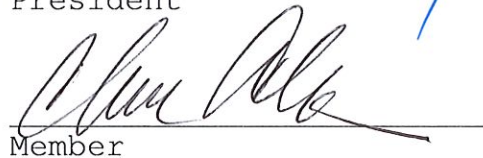
**Mallery-Granger Drain Reconstruction**

On this **25<sup>th</sup> day of January, 2021**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **Mallery-Granger Drain Reconstruction**.

Evidence has been heard. Objections were presented and considered. The Board then adopted the original/amended Schedule of Assessments. The Board now finds that the annual maintenance assessment will be less than the benefits to the landowners and issues this order declaring that this Maintenance Fund be established.

HAMILTON COUNTY DRAINAGE BOARD

  
\_\_\_\_\_  
President

  
\_\_\_\_\_  
Member

  
\_\_\_\_\_  
Member

Attest:   
Executive Secretary

STATE OF INDIANA )  
 ) ss:  
COUNTY OF HAMILTON )

BEFORE THE HAMILTON COUNTY  
DRAINAGE BOARD  
NOBLESVILLE, INDIANA

IN THE MATTER OF THE  
RECONSTRUCTION OF THE  
**Mallery-Granger Drain Reconstruction**

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **Mallery-Granger Drain Reconstruction** came before the Hamilton County Drainage Board for hearing **on February 8, 2021**, on the Reconstruction Report consisting of the report and the Schedule of Damages and Assessments. The Board also received and considered the written objection of an owner of certain lands affected by the proposed Reconstruction, said owner being:

Evidence was heard on the Reconstruction Report and on the aforementioned objections.

The Board, having considered the evidence and objections, and, upon motion duly made, seconded and unanimously carried, did find and determine that the costs, damages and expenses of the proposed Reconstruction will be less than the benefits accruing to the owners of all land benefited by the Reconstruction.

The Board having considered the evidence and objections, upon motion duly made, seconded and unanimously carried, did adopt the Schedule of Assessments as proposed, subject to amendment after inspection of the subject drain as it relates to the lands of any owners which may have been erroneously included or omitted from the Schedule of Assessments.

The Board further finds that it has jurisdiction of these proceedings and that all required notices have been duly given or published as required by law.

Wherefore, it is ORDERED, that the proposed Reconstruction of the **Mallery-Granger Drain Reconstruction** be and is hereby declared established.

Thereafter, the Board made inspection for the purpose of determining whether or not the lands of any owners had been erroneously included or excluded from the Schedule of Assessments. The Board finds on the basis of the reports and findings at this hearing as follows:

HAMILTON COUNTY DRAINAGE BOARD

v. *Alvin Albin* *abstained*  
PRESIDENT

*Steven Pillinger*  
Member

*Yvonne [unclear]*  
Member

ATTEST: *Suzette Marshall*  
Executive Secretary

**MALLERY-GRANGER DRAIN MAINTENANCE INCREASE/RECONSTRUCTION**

Property Owner	Parcel Number	Lots Benefited	Acres Benefited	Current Maint.	Proposed Maint.	% of Maint.	Reconst. Assmt.	% of Recons.
Wimmer, Zachary & Megan	11-06-23-04-06-022.000	1 Lot		\$35.00	\$45.00	0.19%	\$589.38	0.06%
Noblesville Schools	10-06-24-00-00-020.003		19.35	\$193.50	\$387.00	1.62%	\$11,404.50	1.18%
	10-06-24-00-00-021.000		38.45	\$384.50	\$769.00	3.22%	\$22,661.66	2.35%
	10-06-24-00-00-020.000		17.34	\$173.40	\$346.80	1.45%	\$10,219.86	1.06%
	10-06-24-00-00-022.000		8.91	\$89.10	\$178.20	0.75%	\$5,251.38	0.54%
Coppess, Stephen Kyle	11-06-23-02-03-012.000	1 Lot		\$35.00	\$45.00	0.19%	\$589.38	0.06%
Wallace, Roy & Karla	10-06-13-00-00-004.000		0.61	\$15.00	\$35.00	0.15%	\$589.38	0.06%
	10-06-13-00-00-004.004		7.34	\$29.36	\$36.70	0.15%	\$4,326.06	0.45%
	10-06-13-00-00-004.003		3.34	\$15.00	\$35.00	0.15%	\$1,968.54	0.20%
Blackwell, Regina R.	10-06-24-00-00-013.504		5.65	\$22.60	\$35.00	0.15%	\$3,330.00	0.35%
Snodgrass, Sandy D. & Judith A.	10-06-13-00-00-004.002		1.95	\$15.00	\$35.00	0.15%	\$1,149.30	0.12%
<b>TOTALS</b>		2 Lots	102.94	\$1,007.46	\$1,947.70	8.17%	\$62,079.44	6.43%

Mallery-Granger Drain

Zachary and Megan Wimmer  
20007 Tahoe Circle  
Noblesville, IN 46062

Parcel # 11-06-23-04-06-022-000

Hamilton County Drainage Board,

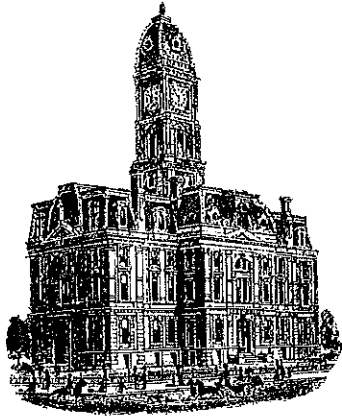
We are writing regarding the proposed updates to the drainage system in our yard. We do not feel this is the responsibility of the homeowner to update to the new drainage system when the current drain is working properly. In these current economic times, financially, this should not be our responsibility as homeowners. We **Object** to the Mallery-Granger Drain Reconstruction.

Thank you,

Zac and Megan Wimmer







*Kenton C. Ward, CFM*  
*Surveyor of Hamilton County*  
*Phone (317) 776-8495*  
*Fax (317) 776-9628*

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

January 14, 2021

Zachary & Megan Wimmer  
20007 Tahoe Court  
Noblesville, IN 46062

RE: Mallery-Granger Drain

I received your letter of objection to the reconstruction of the above referenced drain.

Please be aware that the outlet for Harbor View Subdivision is the Mallery-Granger Drain. All of the stormwater facilities empty into the retention pond located along Hague Road just north of Dakota Drive. The outlet for this pond is the Feather Cove Arm of the Mallery-Granger Drain. This arm runs east under Hague Road and continues east along the south property lines of Morse Lake Industrial Park, LLC and the Cruzan property and then empties into the main open ditch. Per Indiana Drainage Code, the watershed, or entire land area drained or affected by the drain, shall be benefited and shall be assessed. Also, per the code the assessment for reconstruction can be paid over a five (5) year period with interest accrued on the unpaid portion.

I hope this helps explain why you received the assessment.

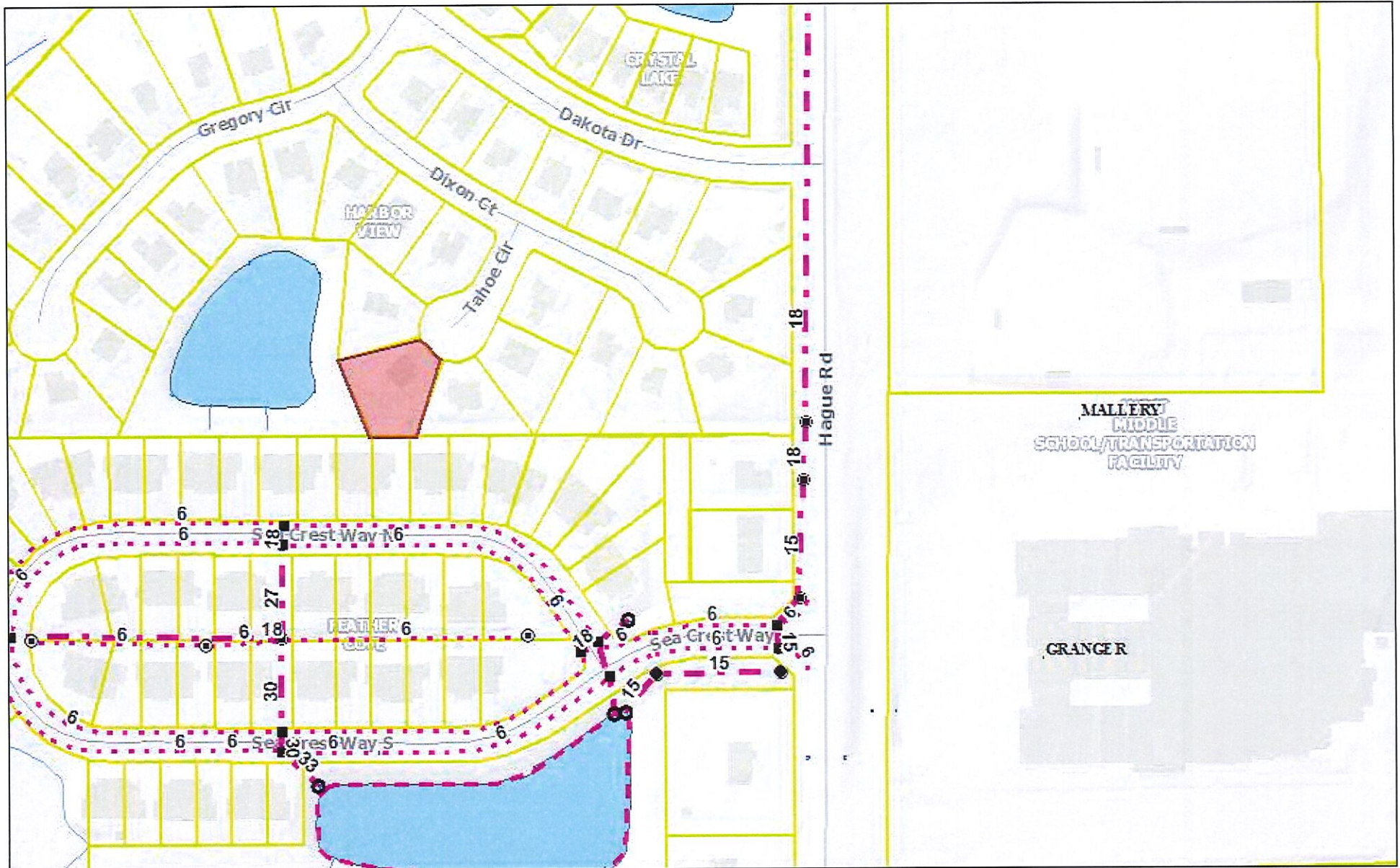
Sincerely,








Kenton C. Ward, CFM  
Hamilton County Surveyor

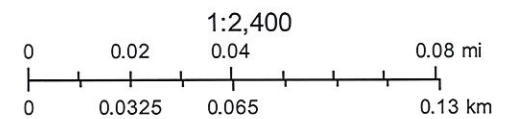
KCW/pll

# Mallery Granger Reconstruction



January 13, 2021

- |  |  |  |
|--|--|--|
| <b>Areas</b>   | <b>Drains - Subdivision Drainage Structures</b>  | <b>○ END SECTION</b>   |
|  Override 1 |  CURB INLET |  MANHOLE          |
|  |  INLET      |  RISER - CLEANOUT |



10-06-24-00-00-020.003  
10-06-24-00-00-021.000  
10-06-24-00-00-020.000  
10-06-24-00-00-022.000



**NOBLESVILLE  
SCHOOLS**



January 19, 2021

Hamilton County Drainage Board  
One Hamilton County Square, Ste. 188  
Noblesville, IN 46060-2230

To Whom It May Concern:

Noblesville Schools has received your Notice of Hearing on Reconstruction & Schedule of Assessments and Damages on the Mallery-Granger Drain Reconstruction. The notice is dated December 23, 2020 and was received by the district on January 4, 2021. As a governmental entity, the drainage board should understand the timing of budgets. Noblesville Schools did not budget for this increased expense in its 2021 budget. Nor did it know to budget for the reconstruction.

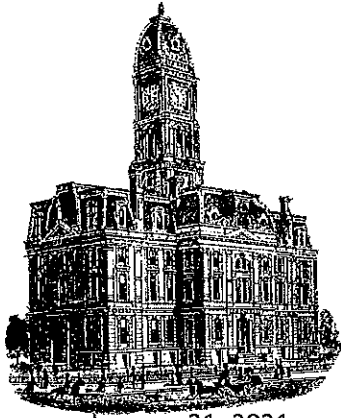
Another concern is the doubling of the maintenance assessment. If the drain is being reconstructed; therefore, being considered upgraded, why would the assessment be doubled? How is the maintenance assessment used? The district had beavers dam up the drain on its property. The district had to pay to have the dam removed over and above the maintenance assessment it has been paying each year. The district also paid over and above the maintenance assessment to clear cut trees on the east side of the drain. Which leads to the final concern.

The east side of the drain on the school district's property has already been cleared. Why would the county propose to place the filter strips on the west side of the drain instead of the east side where it has already been cleared? Also, if placed on the west side of the drain, it will have to be accessed through a school property where students will be present.

The district is asking that you reconsider the timing of the project, the amount of the increase in the maintenance assessment, and the side of the ditch in which you are placing the filter strips on the school site.

Sincerely,

Robin Phelps  
Chief Financial Officer



January 21, 2021

Noblesville Schools  
Robin Phelps  
Chief Financial Officer  
18025 River Road  
Noblesville, IN 46062

*Kenton C. Ward, CFM*  
*Surveyor of Hamilton County*  
*Phone (317) 776-8495*  
*Fax (317) 776-9628*

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

RE: Mallery-Granger Drain Reconstruction

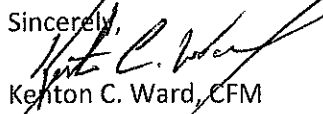
I received your letter dated January 19, 2021 regarding the above referenced project. Please be aware that per the Indiana Drainage Code, IC 36-9-27-52 requires that hearing notices are sent between thirty (30) to forty (40) days before the date of the hearing. The time period as stated in your letter meets that requirement. As to the lack of timeliness in transient, that is beyond our control.

The Board does understand budgets. If approved the first reconstruction assessment would not be payable until May 2022. This will enable the schools to adequately budget for the reconstruction assessment in their next budget cycle.

The maintenance assessment is being increased so as to remain ahead of future expenses for the drain. As to the use of maintenance funds the Indiana Drainage Code, IC 36-9-27, calls out what the funds may be used for. The beaver dam which you refer to in your letter would have been something which could have been removed if the office was notified of its existence. With 1,420 miles of regulated drains in the county and a staff of nineteen (19) we must rely on the landowners to let us know of the problems with a drain.

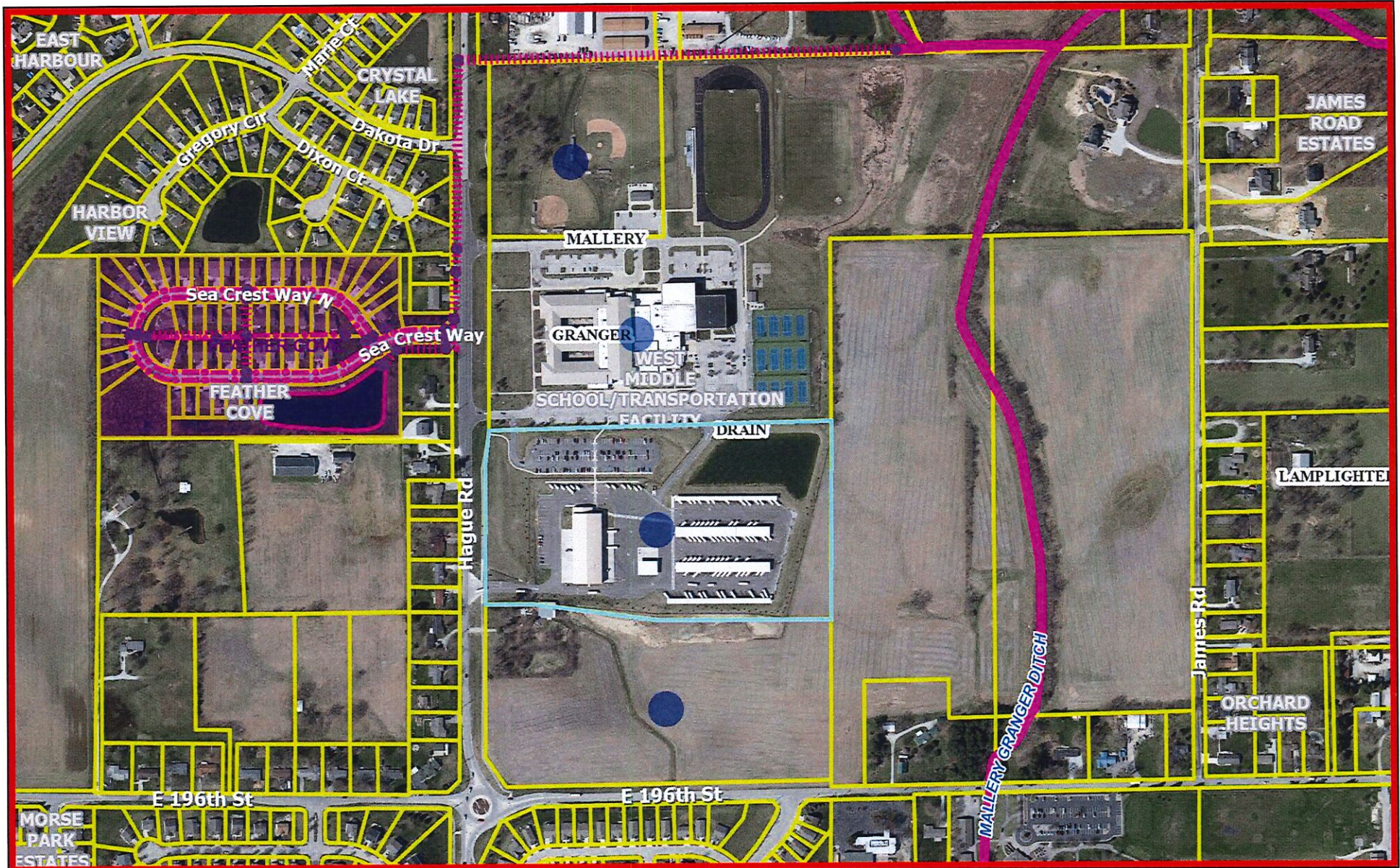
Regarding the clearing of the drain done by the school district, it is a requirement of all development, including schools, to clear one side of an open ditch when the property is developed. I do not recall why the east side was chosen in this case. However, the west side was chosen as the working side for the reconstruction because when an open ditch is dredged the operational side needs to be on one side of the ditch between roads. This is so the equipment does not have to cross the ditch or be trucked around to the other side if the operation side changes which would add to the cost of the project.

I hope this helps answer your questions regarding this project.

Sincerely,  
  
Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/plf

# Mallery Granger Drain\_Noblesville Schools Objection



January 19, 2021

Unincorporated Towns

Subdivisions

Interstates & US Highways

State Highways

Major Roads

Minor Roads

Lakes & Reservoirs

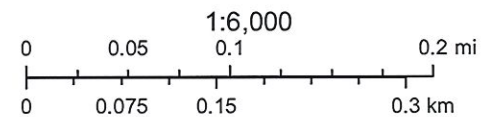
Rivers & Streams

Drainage Structures

● All Other Structures

⊕ MUNICIPAL MANHOLE

Drain Name



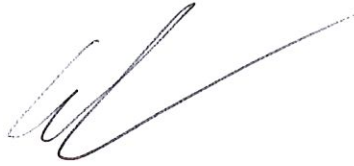
Mallery-Granger Drain Reconstruction and maintenance assessment rate  
increase

To whom it may concern,

I object to any increased rate of reconstruction and maintenance. I do not waive my  
right.

Thank you for your time.

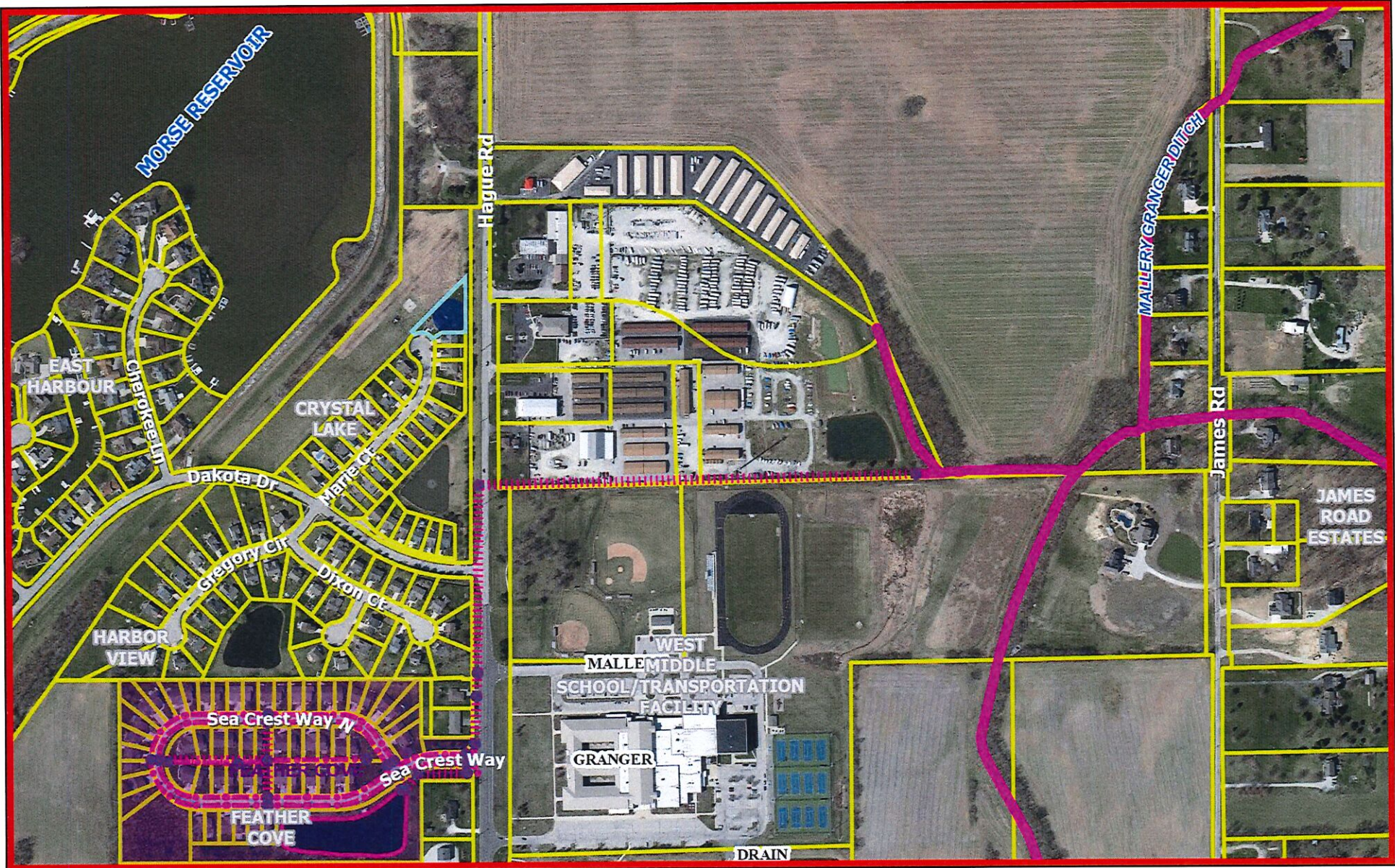
Sincerely,  
Stephen Coppess



*Lyette Masterson*  
SECRETARY  
Jan 13 2021

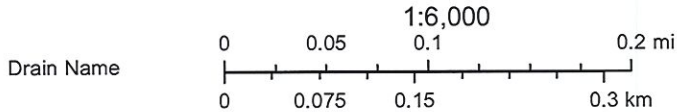
11-06-23-02-03-012.000

# Mallery Granger Drain\_Coppess Objection



January 19, 2021

- |                           |                |                    |                            |
|---------------------------|----------------|--------------------|----------------------------|
| Unincorporated Towns      | State Highways | Lakes & Reservoirs | <b>Drainage Structures</b> |
| Subdivisions              | Major Roads    | Rivers & Streams   | ● All Other Structures     |
| Interstates & US Highways | Minor Roads    |                    | ⊕ MUNICIPAL MANHOLE        |



10-06-13-00-00-004.000  
004  
003

Roy Wallace Residence  
8301 East 216<sup>th</sup> St.  
Cicero, IN 46034

January 15, 2021

Hamilton County Drainage Board  
One Hamilton County Square, Ste. 188  
Noblesville, IN 46060-2230



**ATTN:** Hamilton County Drainage Board  
**REF:** Mallery-Granger Drain Reconstruction and Maintenance

To whom it may concern,


We have received your *Notice of Hearing on Reconstruction & Schedule of Assessments and Damages on the Mallery-Granger Drain Reconstruction and Maintenance Assessment Rate Increase*. We would like to formally object this proposal.

11.29 acres of our property at *8301 East 216<sup>th</sup> St. Cicero, IN* are merely watershed of the Mallery-Granger Ditch. Not only is our properties' water contribution to the ditch minimal, but our field becomes flooded and stays that way for a large portion of the year. With that being said, it is questionable how this reconstruction is deemed necessary for our property.

Our concerns are not only for ourselves, but for those around us who may be struggling financially. In the midst of a pandemic, it is inconsiderate, and unrealistic to ask landowners to pay a minimum of \$589 per acre for an unnecessary project.

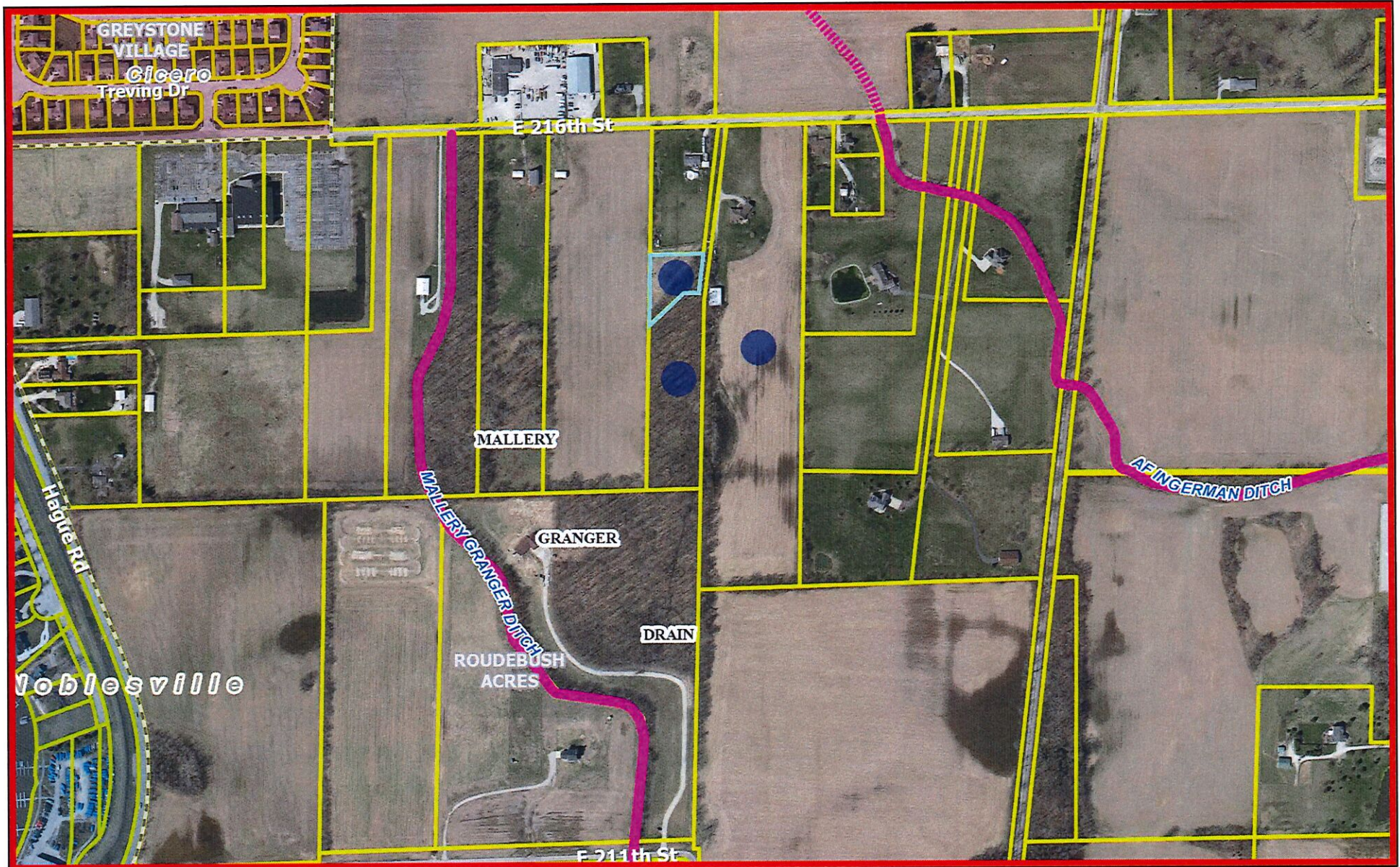
As proud, yet concerned residents of Hamilton County, we are asking that you please take our points into consideration. We ask that you refrain from moving forward with this project at this time, or at the very least reconsider the amount landowners will be charged.

Respectfully,

  
Roy and Karla Wallace



# Mallery Granger Drain/Wallace Objection



January 19, 2021

Unincorporated Towns  
Subdivisions  
Interstates & US Highways

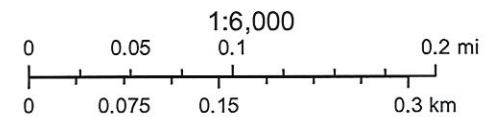
State Highways  
Major Roads  
Minor Roads

Lakes & Reservoirs  
Rivers & Streams

**Drainage Structures**

● All Other Structures  
⊕ MUNICIPAL MANHOLE

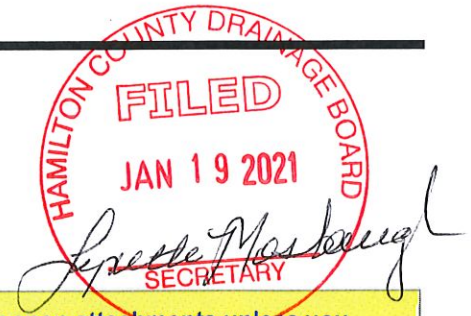
Drain Name



Author: Hamilton County

**Lynette L. Mosbaugh**

**From:** blackwell.regina <blackwell.regina@yahoo.com>  
**Sent:** Monday, January 18, 2021 6:56 PM  
**To:** Surveyor  
**Subject:** Meeting 25 Jan 2021



10-06-24-00-00-013-504

**CAUTION: This email originated from outside of the organization. Do not click links or open attachments unless you recognize the sender and know the content is safe.**

Mallery-Granger Drain

Mr. Ward;

My name is Regina Blackwell, property owner at 20316 James Road. Im writing bec I may not be available for the meeting due to my work sched. I drive a school bus for Noblesville. I also saw where questions & concerns had to be in 5 days bef the meeting.

My deed info says I do not "own" the land Mallery-Granger Ditch <MGD> flows thru, 10' either side, so sadly, I'm sure the govt will do whatever it wants without care or my concerns.

I've lived at this address since Sept1989. In those nearly 32 yrs, MGD has NEVER been an issue for me OR apparently for the county bec only one time in all those years has anyone ever been near it here. That was at James Rd & the culvert. The crew came in, supposedly "cleaned & cleared" it, put bank stone in... & for the 1st & only time in 31yrs, MGD backed up, overflowed my land, nearly washed out my driveway which crosses MGD... My son, after the water went down, pulled & cleared debris from the trees & underbrush that was not removed after it was cut. BUT, bec of rezoning in 2005, I suddenly was required to pay FLOOD INS for an area that NEVER floods. MGD has always handled water flow thru my property just fine.

Now suddenly the county wants to spend \$1mil+ to "dredge" it & "reconstruct" it. Apparently, from what I've read in the docs, means "widening, deepening?" which would include destroying the full grown trees which line it thru my property. It may not mean anything to anyone else, but those trees shield my property from the west. It breaks wind, snow, inclement weather. It also houses & protects wild animals such as red fox, raccoons, squirrels, deer, ducks, geese, including several hawks, owls... & at least one Bald Eagle has been observed here. I cherish those moments when I see all these beautiful creatures safe here. I also enjoy the privacy & seclusion they provide.

I REALIZE legally it's not my property, however, my property in your docs identify 5.65 acres in my name. When I purchased the land in 1989, I bought 5.92 acres. When the water lines & hydrants went in, I had to sell the front so it could go in. I have not asked for but one thing from the county & that was to replace the drain pipe up next to James Road bec it's rusted & collapsed. Remember, I had to sell that portion for the water company, right? Who maintains that area? Not the water comp or county... I do. I mow, trim, clean around the hydrant & pipes sticking out of the ground. NO ONE ever assists keeping the property manicured. If I didn't, it would be impassable by now.

I DO NOT WANT "reconstruction" per se. What I would appreciate IF there is an actual "necessity" for "clearing" the MGD, is to have only the underbrush removed along the banks & if necessary, bank rock laid. Also, since the one flood, the bridge that has been there for decades, needs a new culvert & restoration of the drive. It's naturally collapsing more each year. Since I don't own the bridge or area, I cannot replace it, but it was there when I bought the land. Im sure the county must have owned it at that time since it's declared in my deed as not mine.

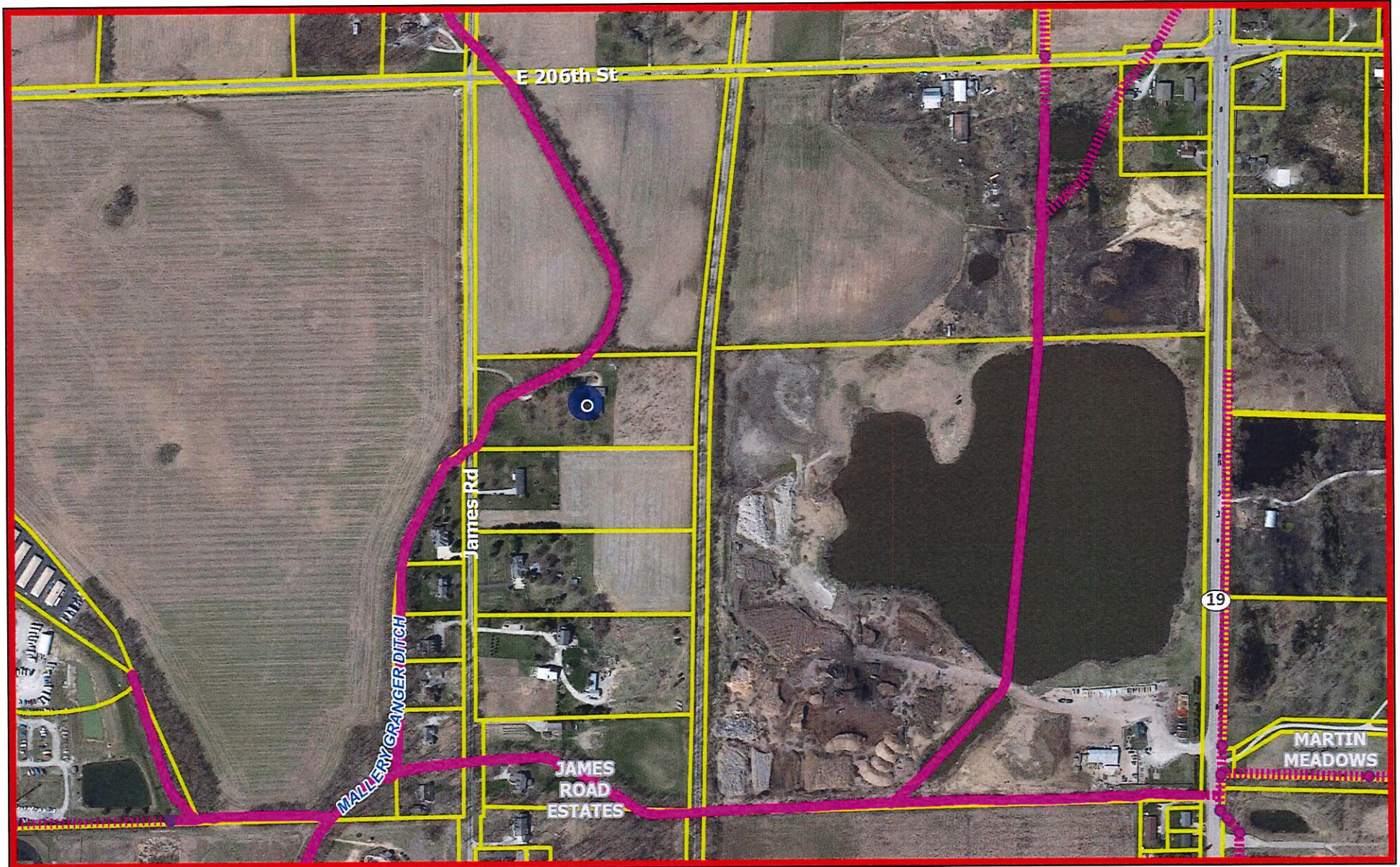
One thing I DO NOT understand is "repair assessment". How, if the land belongs to the county, can I be assessed & charged for something I do not own. there is no feasible way I should have to pay for CV this project... & I CAN'T AFFORD IT!

I'm just asking, please do not come in, bulldozers & chainsaws blazing & destroy the beauty & serenity of my home. Just fix what actually needs fixing. This is the only home I've ever had & the only one I will have. I'm 72 now & live alone here. Don't destroy my little piece of Heaven. please.

Regina R. Blackwell  
20316 James Road

Sent from my Verizon, Samsung Galaxy smartphone

# Maller Granger Drain/Blackwell Objection



January 19, 2021

Unincorporated Towns  
Subdivisions  
Interstates & US Highways

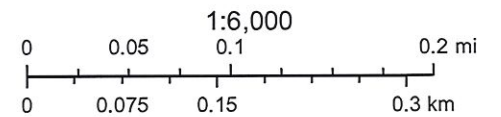
State Highways  
Major Roads  
Minor Roads

Lakes & Reservoirs  
Rivers & Streams

**Drainage Structures**

- All Other Structures
- ⊕ MUNICIPAL MANHOLE

Drain Name



Author: Hamilton County

January 17, 2021

Hamilton County Drainage Board

We are writing in objection to the reconstruction assessment fees.



It is inconceivable that you would ever consider wanting tax payers to pay the amounts you are requiring us to pay at this time or in the near future. People are struggling to pay their bills in this economy. With unemployment and pandemic, we have been dealing with for the past year! Prices of food, gasoline, etc. have increased. Many families are struggling to keep a roof over their families and food on the table. Many people are suffering with depression because of the shut downs and loss of loved ones. This will only add to all of this.

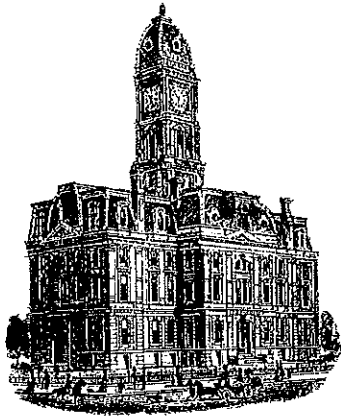
We were also hit this summer with Hamilton County trash ordinance last summer, with my husband going thru radiation therapy for cancer and am recovering from two spine surgeries. It cost a couple thousand dollars to remove our belongings from our property. And we don't even fall under the requirements of the ordinance. But were threatened with thousands of dollars in fines if we did not comply. We do not live in a housing community and not on a small lot, but in the county.

The Mallery-Dangan Drain doesn't even go through our property and we have been paying a maintenance fee for over 20 years now.

Please rethink what you are asking residence of Hamilton County to pay. If the \$190000 you have already collected isn't enough then only do what that will pay for and do not ask to come up with the rest.

Respectfully,

Sandy & Judith Rodgers  
8335 E. 216th St  
Cicero, In 46034



*Kenton C. Ward, CFM*  
*Surveyor of Hamilton County*  
*Phone (317) 776-8495*  
*Fax (317) 776-9628*

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

January 22, 2021

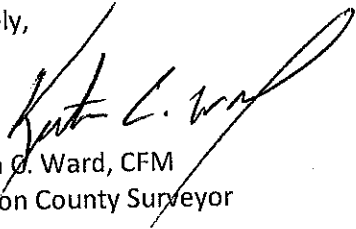
Sandy D. & Judith A. Snodgrass  
8335 E. 216<sup>th</sup> St.  
Cicero, IN 46034

RE: Mallery-Granger Drain Reconstruction

I received your letter dated January 17, 2021 regarding the above referenced project. Please be aware that to be assessed for a drain the drain does not have to traverse your property. Per the Indiana Drainage Code, IC 36-9-27, any property within the drainage shed of the drain is considered to be benefited by that drain and therefore assessed for the drain.

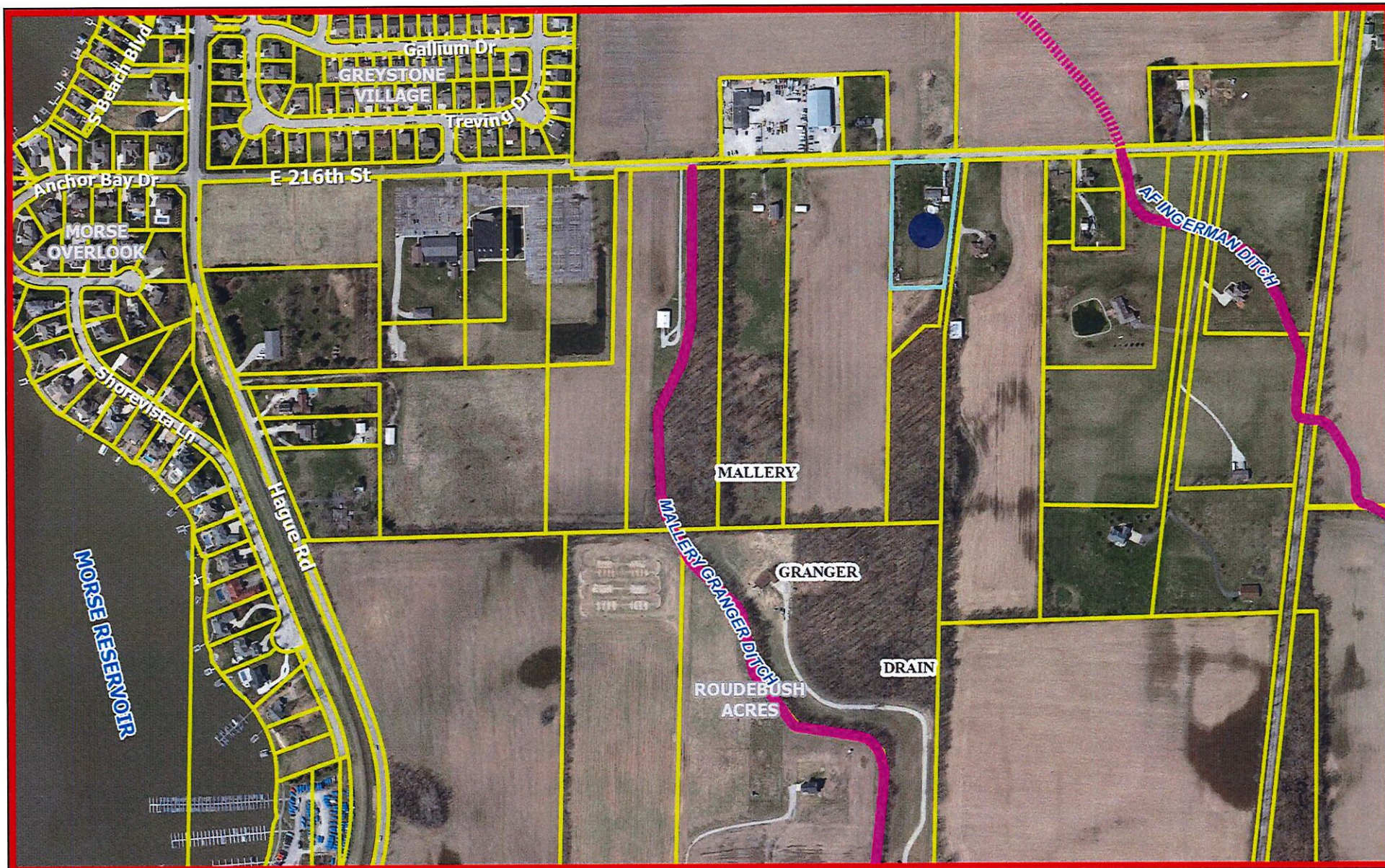
In order to help landowners afford reconstruction projects the code allows the costs to be paid over a five (5) year period. The Drainage Board has at times extended that time period on project by project basis. That may or may not be done in this case as the decision is the Board's to make.

Sincerely,

  
Kenton C. Ward, CFM  
Hamilton County Surveyor

KCW/pll

# Mallery-Granger Drain\_Snodgrass Objection



January 22, 2021

Unincorporated Towns  
Subdivisions  
Interstates & US Highways

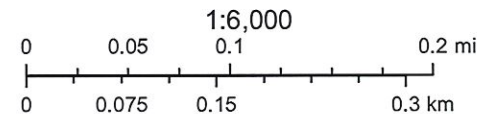
State Highways  
Major Roads  
Minor Roads

Lakes & Reservoirs  
Rivers & Streams

**Drainage Structures**

- All Other Structures
- ⊕ MUNICIPAL MANHOLE

Drain Name



Author: Hamilton County



BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF

***Mallery-Granger Drain Reconstruction***

NOTICE

To Whom It May Concern and: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Notice is hereby given of the hearing of the Hamilton County Drainage Board concerning the reconstruction of the **Mallery-Granger Drain Reconstruction** on **January 25, 2021** at **9:00 A.M.** in Commissioners Court, Hamilton County Judicial Center, One Hamilton County Square, Noblesville, Indiana. Construction and maintenance reports of the Surveyor and the Schedule of Assessments proposed by the Drainage Board have been filed and are available for public inspection in the office of the Hamilton County Surveyor.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

BEFORE THE HAMILTON COUNTY DRAINAGE BOARD  
IN THE MATTER OF THE

**Mallery-Granger Drain Reconstruction**

NOTICE

Notice is hereby given pursuant to Section 405 of the 1965 Indiana Drainage Code that this Board, prior to final adjournment on **January 25, 2021** has issued an order adopting the Schedule of Assessments, filed the same and made public announcement thereof at the hearing and ordered publication. If judicial review of the findings and order of the Board is not requested pursuant to Article Eight of this code within twenty (20) days from the date of this publication, the order shall be conclusive.

Hamilton County Drainage Board

Attest: Lynette Mosbaugh

ONE TIME ONLY

STATE OF INDIANA     )  
                          ) SS               BEFORE THE HAMILTON  
                          )  
COUNTY OF HAMILTON )               DRAINAGE BOARD

IN THE MATTER OF **Mallery-Granger Drain Reconstruction**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **February 8, 2021** adopted the reconstruction report of the Surveyor and the Amended Schedule of damages and assessments including annual assessment for periodic maintenance, finding that the costs, damages and expense of the proposed improvement would be less than the benefits which will result to the owner of lands benefited thereby.

The Board issued an order declaring the proposed improvement established. Such findings and order were marked filed and are available for inspection in the Office of the Hamilton County Surveyor.

If judicial review of the findings and order of the Board is not requested pursuant to Article VIII of the 1965 Indiana Drainage Code as amended within twenty (20) days from the date of publication of this notice, the findings and order shall become conclusive.

HAMILTON COUNTY DRAINAGE BOARD

BY: Steven C. Dillinger  
      PRESIDENT

ATTEST: Lynette Mosbaugh  
          SECRETARY

OFFICE OF  
**HAMILTON COUNTY DRAINAGE BOARD**  
 December 23, 2020

**FILED**

JAN 27 2021

OFFICE OF HAMILTON COUNTY SURVEYOR

Notice of Hearing on Reconstruction & Schedule of Assessments and Damages on the **Mallery-Granger Drain**  
**Reconstruction and maintenance assessment rate increase.**

Markor, John J  
 7675 DIXON CT  
 Noblesville, IN 46062

Under the Indiana Drainage Code, all land which drains directly, or indirectly, may be assessed for either maintenance cost or reconstruction cost within the drain. In making the calculation for each parcel, the Drainage Board must calculate the percentage of the cost attributable to each parcel of land benefitted. The Drainage Board has received a reconstruction report and schedule of assessments which affects your land. The purpose of the reconstruction project is to perform work which will substantially improve the drainage for the entire watershed served by the drain.

You are hereby notified that the reconstruction report of the County Surveyor and the schedule of assessments made by the Drainage Board have been filed and are available for public inspection in the office of the County Surveyor. The chart below contains your proposed assessment and your percentage of the total reconstruction assessment.

The reconstruction report of the Surveyor and schedule of damages and benefits as determined by the Drainage Board for the proposed improvement known as the **Mallery-Granger Drain Reconstruction** have been filed and are available for inspection in the office of the County Surveyor. The schedule of assessments shows the following lands in your name are affected as follows. This assessment is not a charge for services associated with regulating the quality of storm water within your city or town.

Description: S23 T19 R4 Harbor View Lot 18	Acres Benefitted	Current Maintenance Asmt.	Proposed Maintenance Asmt.	% of Total Maintenance	Reconstruction Asmt.	% of Reconstruction
11-06-23-04-06-018.000	1 Lot	\$35.00	\$45.00	0.19%	\$589.38	0.06%
Un-Regulated Subd						
The collections for the proposed maintenance assessment will begin in May 2021. Reconstruction assessment will be certified for collections upon completion of the project.						

The hearing on the Surveyor's reconstruction report and on the schedules of damages and assessments are set for hearing at **9:00 A.M. on January 25, 2021**, in the Commissioner's Court. The law provides that objections must be written and filed not less than 5 days before the date of the hearing. Objections may be for causes as specified by law and which are available at the Surveyor's Office. Written evidence in support of objections may be filed. The failure to file objections constitutes a waiver of your right to thereafter object, either before the Board or in court on such causes, to any final action of the Board. On or before the day of the hearing before the Board, the Surveyor shall and any owner of affected lands may cause written evidence to be filed in support of or in rebuttal to any filed objections.

HAMILTON COUNTY DRAINAGE BOARD  
 One Hamilton County Square, Ste. 188  
 Noblesville, IN 46060-2230

*For a copy of the Surveyor's Report to the Drainage Board and a copy of the map, if applicable, please go to [www.hamiltoncounty.in.gov/drainageboardnotices](http://www.hamiltoncounty.in.gov/drainageboardnotices).*

OFFICE OF  
**HAMILTON COUNTY DRAINAGE BOARD**  
 December 23, 2020

**FILED**

**JAN 27 2021**

Notice of Hearing on Reconstruction & Schedule of Assessments and Damages on the **Mallery-Granger Drain**  
**Reconstruction and maintenance assessment rate increase.**

OFFICE OF HAMILTON COUNTY SURVEYOR

**\*\*Please contact John Markor  
 or current owner of proposed  
 assessment**

Markor, John J / or Current Resident  
 7675 DIXON CT  
 Noblesville, IN 46062

Under the Indiana Drainage Code, all land which drains directly, or indirectly, may be assessed for either maintenance cost or reconstruction cost within the drain. In making the calculation for each parcel, the Drainage Board must calculate the percentage of the cost attributable to each parcel of land benefited. The Drainage Board has received a reconstruction report and schedule of assessments which affects your land. The purpose of the reconstruction project is to perform work which will substantially improve the drainage for the entire watershed served by the drain.

You are hereby notified that the reconstruction report of the County Surveyor and the schedule of assessments made by the Drainage Board have been filed and are available for public inspection in the office of the County Surveyor. The chart below contains your proposed assessment and your percentage of the total reconstruction assessment.

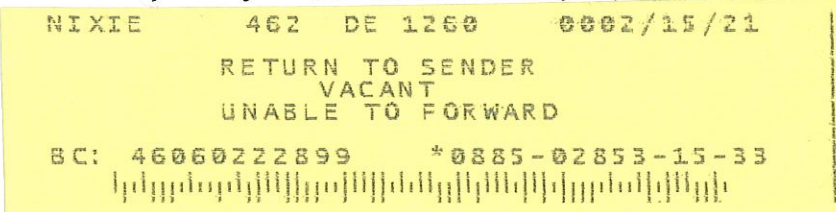
The reconstruction report of the Surveyor and schedule of damages and benefits as determined by the Drainage Board for the proposed improvement known as the **Mallery-Granger Drain Reconstruction** have been filed and are available for inspection in the office of the County Surveyor. The schedule of assessments shows the following lands in your name are affected as follows. This assessment is not a charge for services associated with regulating the quality of storm water within your city or town.

Description: S23 T19 R4 Harbor View Lot 18	Acres Benefitted	Current Maintenance Asmt.	Proposed Maintenance Asmt.	% of Total Maintenance	Reconstruction Asmt.	% of Reconstruction
11-06-23-04-06-018.000	1 Lot	\$35.00	\$45.00	0.19%	\$589.38	0.06%
Un-Regulated Subd						
The collections for the proposed maintenance assessment will begin in May 2021. Reconstruction assessment will be certified for collections upon completion of the project.						

The hearing on the Surveyor's reconstruction report and on the schedules of damages and assessments are set for hearing at **9:00 A.M. on January 25, 2021**, in the Commissioner's Court. The law provides that objections must be written and filed not less than 5 days before the date of the hearing. Objections may be for causes as specified by law and which are available at the Surveyor's Office. Written evidence in support of objections may be filed. The failure to file objections constitutes a waiver of your right to thereafter object, either before the Board or in court on such causes, to any final action of the Board. On or before the day of the hearing before the Board, the Surveyor shall and any owner of affected lands may cause written evidence to be filed in support of or in rebuttal to any filed objections.

HAMILTON COUNTY DRAINAGE BOARD  
 One Hamilton County Square, Ste. 188  
 Noblesville, IN 46060-2230

*For a copy of the Surveyor's Report to the Drainage Board and a copy of the map, if applicable, please go to [www.hamiltoncounty.in.gov/drainageboardnotices](http://www.hamiltoncounty.in.gov/drainageboardnotices).*



OFFICE OF  
HAMILTON COUNTY DRAINAGE BOARD

December 23, 2020

-Returned -  
-Unable to Forward-  
01/12/21

Notice of Hearing on Reconstruction & Schedule of Assessments and Damages on the **Mallery-Granger Drain**  
**Reconstruction and maintenance assessment rate increase.**

P4 SFR Property Owner 1 LLC  
810 7th Ave, 24th Floor  
New York, NY 10282

Under the Indiana Drainage Code, all land which drains directly, or indirectly, may be assessed for either maintenance cost or reconstruction cost within the drain. In making the calculation for each parcel, the Drainage Board must calculate the percentage of the cost attributable to each parcel of land benefitted. The Drainage Board has received a reconstruction report and schedule of assessments which affects your land. The purpose of the reconstruction project is to perform work which will substantially improve the drainage for the entire watershed served by the drain.

You are hereby notified that the reconstruction report of the County Surveyor and the schedule of assessments made by the Drainage Board have been filed and are available for public inspection in the office of the County Surveyor. The chart below contains your proposed assessment and your percentage of the total reconstruction assessment.

The reconstruction report of the Surveyor and schedule of damages and benefits as determined by the Drainage Board for the proposed improvement known as the **Mallery-Granger Drain Reconstruction** have been filed and are available for inspection in the office of the County Surveyor. The schedule of assessments shows the following lands in your name are affected as follows. This assessment is not a charge for services associated with regulating the quality of storm water within your city or town.

Description: S12 T19 R4 Greystone Village 2nd Lot 71	Acres Benefitted	Current Maintenance Asmt.	Proposed Maintenance Asmt.	% of Total Maintenance	Reconstruction Asmt.	% of Reconstruction
05-06-12-00-02-031.000	1 Lot	\$35.00	\$45.00	0.19%	\$589.38	0.06%
Un-Regulated Subd						

The collections for the proposed maintenance assessment will begin in May 2021. Reconstruction assessment will be certified for collections upon completion of the project.

The hearing on the Surveyor's reconstruction report and on the schedules of damages and assessments are set for hearing at **9:00 A.M. on January 25, 2021**, in the Commissioner's Court. The law provides that objections must be written and filed not less than 5 days before the date of the hearing. Objections may be for causes as specified by law and which are available at the Surveyor's Office. Written evidence in support of objections may be filed. The failure to file objections constitutes a waiver of your right to thereafter object, either before the Board or in court on such causes, to any final action of the Board. On or before the day of the hearing before the Board, the Surveyor shall and any owner of affected lands may cause written evidence to be filed in support of or in rebuttal to any filed objections.

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*Kenton C. Ward, CFM*  
*Surveyor of Hamilton County*  
*Phone (317) 776-8495*  
*Fax (317) 776-9628*

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

March 8, 2023

TO: HAMILTON COUNTY DRAINAGE BOARD

**RE: MALLERY-GRANGER DRAIN RECONSTRUCTION  
FINAL REPORT**

This is the Final Report on the Mallery – Granger Drain Reconstruction. The Drainage Area of the Mallery-Granger Drain covers a portion of Section 12, Township 19 North, Range 4 East, of Jackson Township and portions of Sections 13, 14, 23, 24, 25 & 26 of Township 19 North, Range 4 East, of Noblesville Township.”

The December 14, 2020 meeting of the Hamilton County Drainage Board the County Surveyor requested a hearing before the Board for the Mallery – Granger Drain Reconstruction for January 25, 2021 (HCDB Minute Book 19, Pages 439-440).

The January 25, 2021 meeting of the Hamilton County Drainage Board the hearing for the Mallery – Granger Drain Reconstruction was held, and the Surveyor’s Report dated November 30, 2020 was approved and the Finding and Order signed. (HCDB Minute Book 19, Pages 460 - 472)

The engineer’s cost estimate for the Mallery-Granger Drain Reconstruction was \$991,765.75.

The February 8, 2021 meeting of the Hamilton County Drainage Board there was discussion and approval of the interest rate by the Board for the Mallery-Granger Drain Reconstruction. The interest rate was set at 3% and extended to 7 years (HCDB Minute Book 19, Pages 483-484 and 494-495).

The February 22, 2021 meeting of the Hamilton County Drainage Board the Board received one (1) bid for the Mallery-Granger Drain Reconstruction from 5 Star Company Inc. After a review of the submittals from 5 Star Company Inc. by staff later in the meeting it was recommended the drain reconstruction be awarded to 5 Star Company Inc. in the amount of \$925,533.00 (HCDB Minute Book 19, Pages 497 and 526).

A Notice to Proceed for Clearing Only was presented to 5 Star Company Inc. February 25, 2021. This was done to allow 5 Star Company Inc. to start clearing the project in accordance with the required Indiana Bat Law deadline of April 1, 2021.

The preconstruction meeting for the dredging and associated drain work was held April 8, 2021. 5 Star Company Inc. was issued a verbal notice to Proceed on this date.

The project consisted of dredging approximately 13,391 feet of open drain, clearing of vegetation and trees, new tile outlets, stabilization of eroded areas, replacement of driveway and roadway culverts, roadway pavement removal and restoration and rip rap placement.

During the reconstruction there were some minor changes made to the original design of V S Engineering. The road crossing culverts on 211<sup>th</sup> Street James Road and 206<sup>th</sup> Street were lengthened at the request of the Hamilton County Highway Department. Seven (7) additional tile outlets were uncovered with the dredging operations. 5 Star Company was required to return and pull back slope of banks to a 2:1 slope after as-built drawings showed the slopes to be 1:5 to 1.

During the project there were four (4) change orders:

Change Order # 1 dated May 1, 2021 was approved by the Hamilton County Drainage Board at the May 10, 2021 meeting (HCDB Minutes Book 20, Page 32).

Change Order # 2 dated August 4, 2021 was approved by the Hamilton County Drainage Board at the August 9, 2021 meeting. (HCDB Minutes Book 20, Pages 125-126).

Change Order # 3 dated December 7, 2021 was approved by the Hamilton County Drainage Board at the December 13, 2021 meeting. (HCDB Minutes Book 20, Page 258).

Change Order # 4 dated June 9, 2022 was approved by the Hamilton County Drainage Board at the June 13, 2022 meeting. (HCDB Minutes Book 20, Page 450).

**Change Order # 1 (Approved 05/10/2021)**

Extension of completion date from June 1, 2021 to July 15, 2021 \$0.00

**Change Order # 2 (Approved 08/09/2021)**

9 Tile Outlets, Road and Drive Culvert Extensions, Compacted #53 Stone \$53,935.00



**Change Order # 3 (Approved (12/13/2021)**

Restoration and Mulch Seeding, compacted #53 Stone, Clearing, 48" CMP (Arm 1 Sta. 30+56), Clean Culvert (216<sup>th</sup> Street), and Grass Mowing \$44,847.25

The following items were deducted from the contract with Change Order # 3.

12" CMP Surface Pipes	- \$6,300.00
Rip Rap, Revetment	- \$107,000.00
60" End Section	- \$8,400.00
Pavement Restoration	- \$9,500.00
Scour Protection (196 <sup>th</sup> Street)	- \$12,000.00
48" End Section (211 <sup>th</sup> Street)	- \$7,500.00
38" X 60" End Section (James Road)	- \$6,800.00
60" End Section (206 <sup>th</sup> Street)	- \$8,400.00
60" End Section (James Road)	- \$8,400.00
Compacted #53 Stone	- \$2,128.20
Pavement Restoration	- <u>\$17,005.00</u>
	- \$194,333.20

**Change Order # 4 Approved (06/13/22)**

Compacted #53 Stone, and Clean Culvert (Railroad Tracks) \$2,091.00

Total of Four (4) Change Orders - \$93,459.95

During the project there were Six (6) Pay Applications:

Pay Application # 1 Total	\$154,500.00
Retainage	<u>\$(23,175.00)</u>
Amount Paid to 5 Star Company Inc. (04/13/21)	<b>\$131,325.00</b>
Pay Application # 2 Total	\$128,750.00
Retainage	<u>\$(19,312.50)</u>
Amount Paid to 5 Star Company Inc. (5/25/21)	<b>\$109,437.50</b>
Pay Application # 3 Total	\$108,007.65
Retainage	<u>\$(16,201.15)</u>
Amount Paid to 5 Star Company Inc. (06/29/21)	<b>\$91,806.50</b>
Pay Application # 4 Total	\$355,581.10
Retainage	<u>\$(53,337.16)</u>
Amount Paid to 5 Star Company Inc. (08/24/21)	<b>\$302,243.94</b>

Pay Application # 5 Total	\$83,143.30
Retainage	<u>\$(12,471.49)</u>
Amount Paid to 5 Star Company Inc. (12/28/21)	<b>\$70,671.80</b>
Pay Application # 6 Total – Retainage and Change Order # 4 (06/16/22)	<b>\$126,588.30</b>
Total Paid to 5 Star Company Inc.	<b><u>\$832,073.05</u></b>

The cost estimate compared to the actual cost of the Mallery Granger reconstruction are listed below.

	Cost Estimate	Actual Cost
VS Engineering Survey & Design	\$42,750.00	\$42,750.00
VS Engineering Staking & As-Builts	\$0.00	\$0.00
Regulated Drainage Shed Reconstruction	\$792,442.00	\$673,097.75
City of Noblesville Lump Sum	\$8,731.95	* \$0.00
Hamilton County Highway Lump Sum	<u>\$190,581.80</u>	<u>\$158,975.80</u>
Total Project Cost:	\$1,074,515.75	\$874,823.05

\*The City of Noblesville proposed lump sum of \$8,731.95 was for proposed scour protection at 196<sup>th</sup> Street. The proposed scour protection was deleted from the contract during the reconstruction with Change Order # 3.

On August 30, 2021 this Office received from 5 Star Company Inc. Form E-1 stating that all expenses incurred for labor and material have been paid in full.

As-built drawings were completed by Hamilton County Surveyor's Office Brian Rayl and staff and certified January 31, 2023. The as-built drawings were reviewed and approved by Staff Project Engineer Gary Duncan and Inspector Jerry Liston.

As of the date of this report, I hereby attest to and agree that the reconstruction was completed according to Specified Plans, Change Orders, and Inspections.

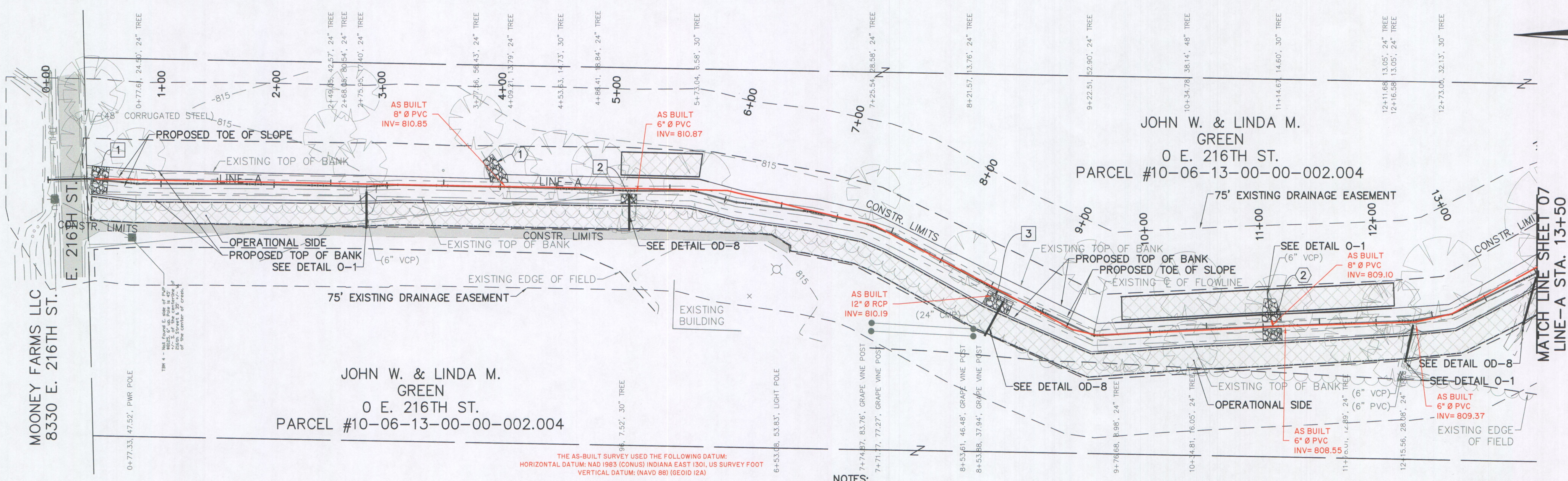
I recommend the Board approve the drain's reconstruction as complete and acceptable.

Respectfully,



Jerry L. Liston  
New Construction Inspector  
Hamilton County Surveyor's Office

**"AS-BUILT" RECORD DRAWINGS  
MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



JOHN W. & LINDA M. GREEN  
0 E. 216TH ST.  
PARCEL #10-06-13-00-00-002.004

JOHN W. & LINDA M. GREEN  
0 E. 216TH ST.  
PARCEL #10-06-13-00-00-002.004

THE AS-BUILT SURVEY USED THE FOLLOWING DATUM:  
HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301, US SURVEY FOOT  
VERTICAL DATUM: (NAVD 88) (GEOID 12A)

**"AS-BUILT" CERTIFICATION**

"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY MULTIPLE FIELD SURVEYS FROM MARCH TO NOVEMBER OF 2021.

CERTIFIED BY: *B.K.R.*  
BRIAN K. RAYL, PS  
PROFESSIONAL SURVEYOR  
INDIANA LICENSE NO. 20100070  
DATE: 1-31-2023

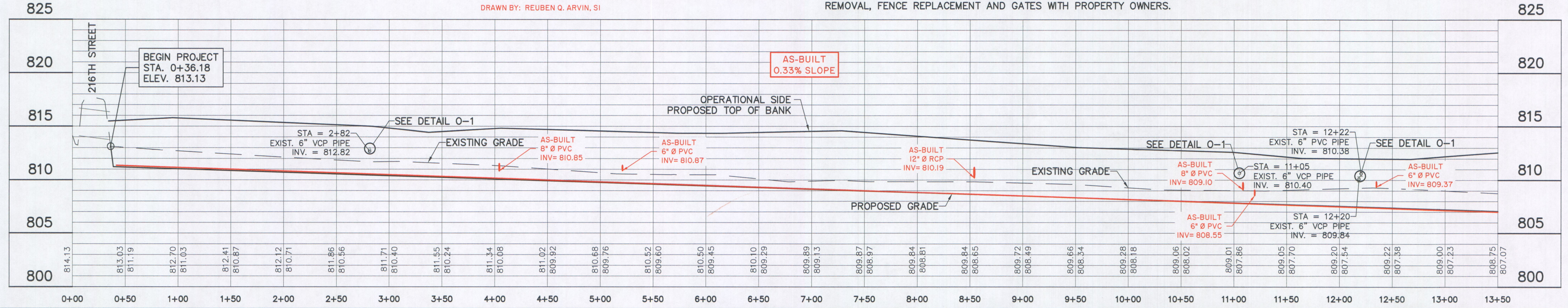


THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT  
DRAWN BY: REUBEN Q. ARVIN, SI

- NOTES:**
- TOPSOIL TO BE SAVED PRIOR TO EXCAVATION FOR PIPE INSTALLATION. TOPSOIL TO BE REPLACED OVER PIPE AFTER BACKFILL OF TRENCH AND GRADED TO MATCH NATURAL DRAINAGE PATTERN.
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  - ALL SURFACE DRAINAGE MUST MAINTAIN POSITIVE DRAINAGE TO DITCH. CONTRACTOR TO PROVIDE GRADING AS NECESSARY TO MAINTAIN FLOW TO DITCH OR REFER TO DETAIL OD-8 FOR PIPE INSTALLATIONS TO MAINTAIN FLOW FOR SURFACE FLOWS.
  - TREE CLEARING AS NEEDED PER HCSO DETAIL OD-3 SHEET 15. CONTRACTOR TO COORDINATE WITH HCSO INSPECTOR.
  - CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS TO LOCATE EXISTING GEOTHERMAL AND SEPTIC SYSTEMS.
  - HAMILTON COUNTY SURVEYOR'S OFFICE INSPECTOR TO COORDINATE FENCE REMOVAL, FENCE REPLACEMENT AND GATES WITH PROPERTY OWNERS.

**LEGEND**

	20' FILTER STRIP		EXISTING CONTROL POINT
	RIP-RAP		EXISTING UTILITY POLE
	SEDIMENT BASIN		EXISTING GUYWIRE
	EXISTING DRAINAGE EASEMENT		EXISTING TREE
	TREE REMOVAL		EXISTING PROPERTY LINE
	RIP RAP		EXISTING RIGHT OF WAY
	ROCK LINED CHUTE		EXISTING FLOWLINE
	BENCH MARK		EXISTING OVERHEAD UTILITY
	PROPOSED TOP OF BANK		UGT - EXISTING TELEPHONE
	PROPOSED TOE OF SLOPE		UGE - EXISTING ELECTRIC
	PROPOSED FLOW LINE		G - EXISTING GAS
	CONSTRUCTION LIMITS		W - EXISTING WATER MAIN
			EXISTING TREE LINE
			EXISTING FENCE LINE



DIRECTORY...F:\2015\15-3272 Mallery Granger Ditch\DESIGN\Drawings\02-Plan and Profiles\  
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 DIMSCALE: 50 LTSCALE: 50  
 PLOTTED BY: BStephens-Hotopp  
 DATE: Oct 24, 2018 11:22am

PLOT DATE: Jan 30, 2023 - 10:22 am  
FILE LOCATION: S:\E-Surv\Projects\Regulated Drains\Mallery Granger\Civil 3D\Source Drawings\1315 Mallery Granger As-Built RQA 100721.dwg



PREPARED BY:  
HAMILTON COUNTY SURVEYOR'S OFFICE  
HAMILTON COUNTY GOVERNMENT/JUDICIAL CENTER  
ONE HAMILTON COUNTY SQUARE, SUITE 188  
NOBLESVILLE, IN 46060  
PHONE: (317) 776-8495  
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SURVEYOR@HAMILTONCOUNTY.IN.GOV



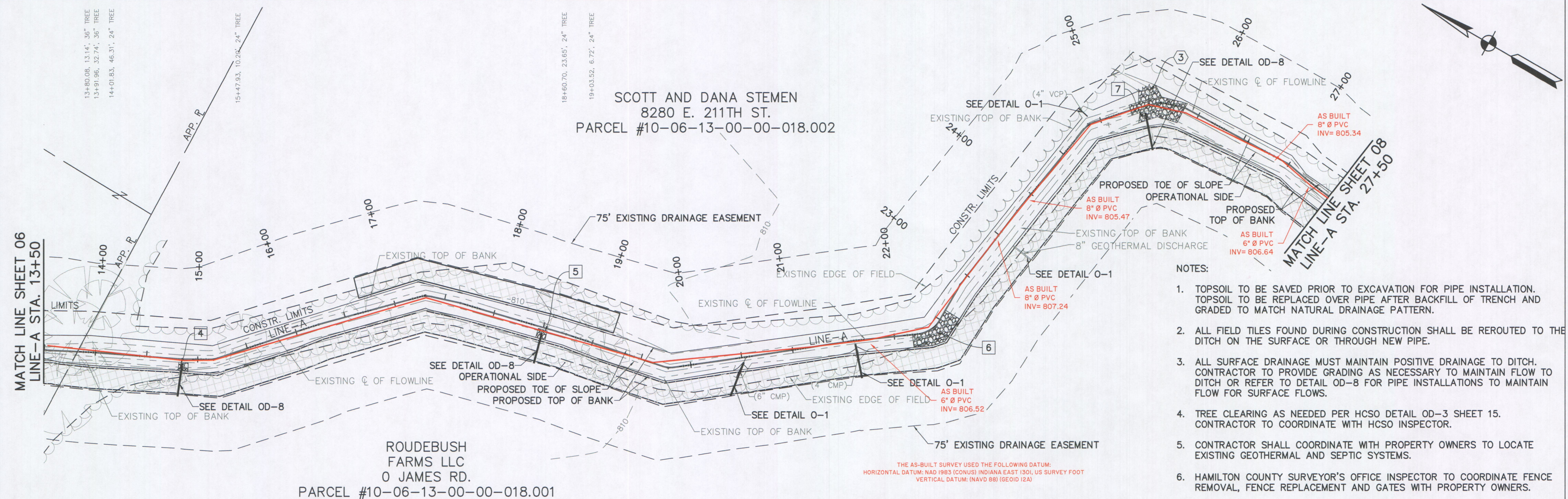
RECOMMENDED FOR APPROVAL: *Brian Stephens-Hotopp* 01/31/2018  
DESIGN ENGINEER DATE  
DESIGNED: KDK DRAWN: KDK  
CHECKED: SJW CHECKED: SJW

**MALLERY-GRANGER DITCH  
HAMILTON COUNTY, INDIANA**

**LINE-A PLAN AND PROFILE**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION N/A
SURVEY BOOK	SHEETS
CONTRACT	14 of 76
	PROJECT 15-3272

**"AS-BUILT" RECORD DRAWINGS  
MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



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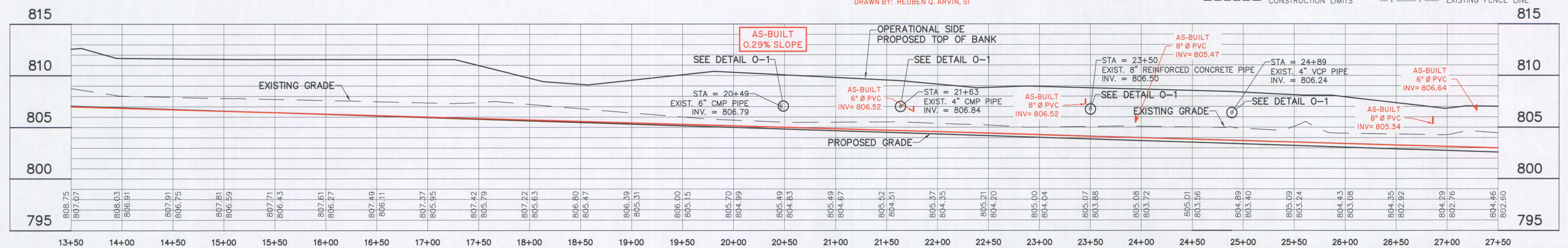
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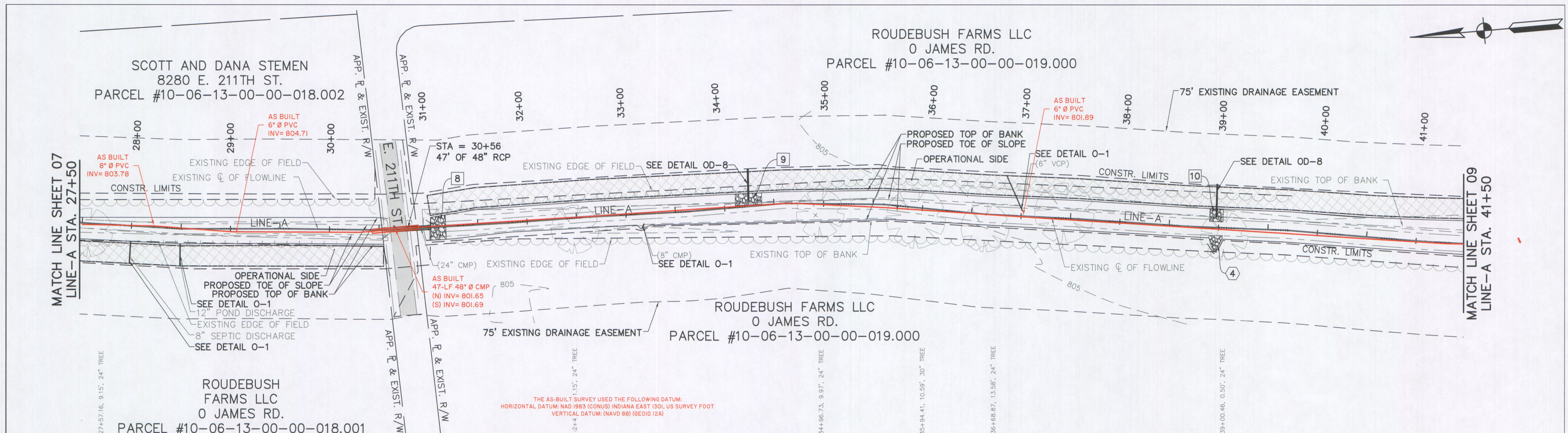
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HAMILTON COUNTY, INDIANA**

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MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



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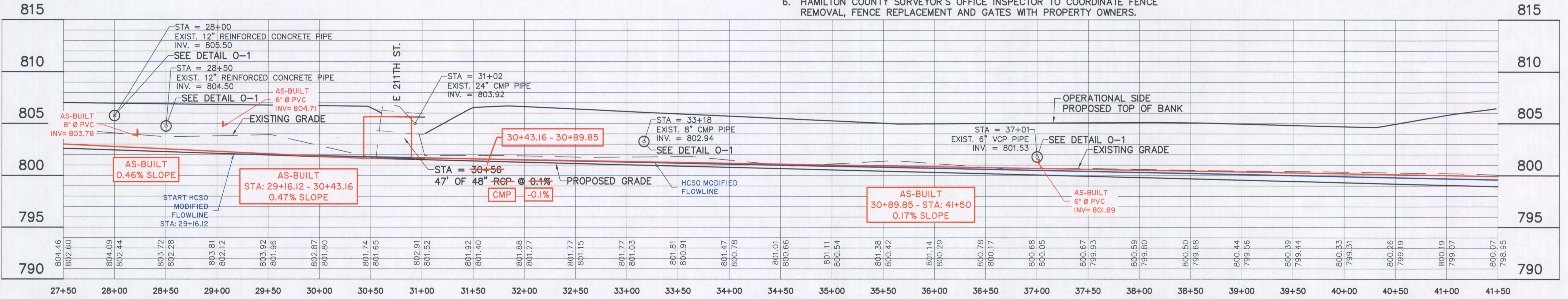
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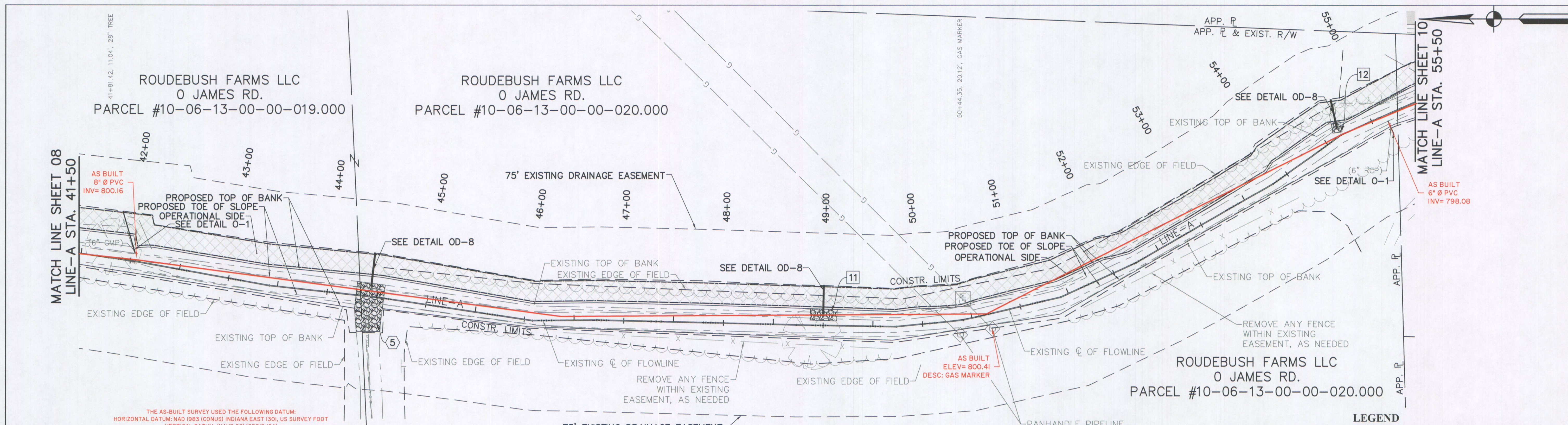
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**MALLERY-GRANGER DITCH  
HAMILTON COUNTY, INDIANA**

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1" = 10'	N/A
SURVEY BOOK	SHEETS
	16 of 76
CONTRACT	PROJECT
	15-3272

**"AS-BUILT" RECORD DRAWINGS  
MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



**"AS-BUILT" CERTIFICATION**

"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY MULTIPLE FIELD SURVEYS FROM MARCH TO NOVEMBER OF 2021.

PARCEL #10-06-13-00-00-019.000

CERTIFIED BY: *Brian K. Rayl*  
 BRIAN K. RAYL, PS  
 PROFESSIONAL SURVEYOR  
 INDIANA LICENSE NO. 20100070  
 DATE: 1-31-2023



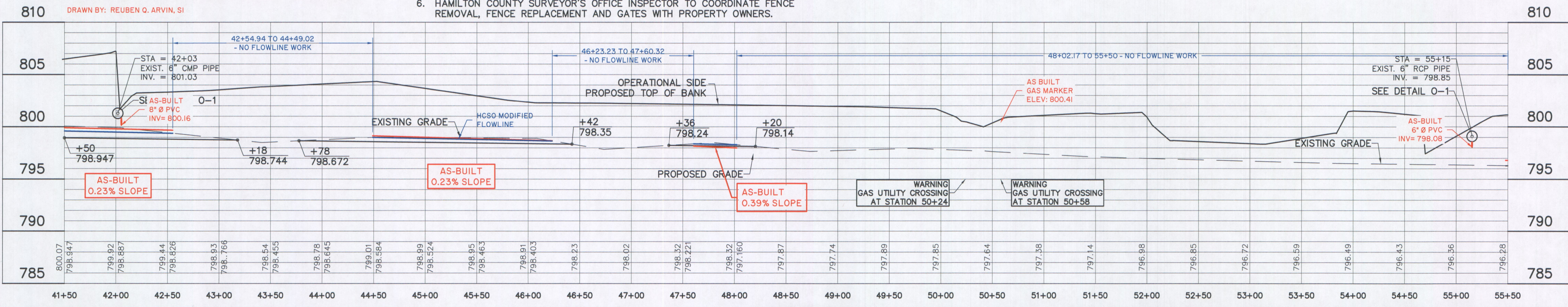
THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT.  
 DRAWN BY: REUBEN Q. ARVIN, SI

**NOTES:**

1. TOPSOIL TO BE SAVED PRIOR TO EXCAVATION FOR PIPE INSTALLATION. TOPSOIL TO BE REPLACED OVER PIPE AFTER BACKFILL OF TRENCH AND GRADED TO MATCH NATURAL DRAINAGE PATTERN.
2. ALL FIELD TILES FOUND DURING CONSTRUCTION SHALL BE REROUTED TO THE DITCH ON THE SURFACE OR THROUGH NEW PIPE.
3. ALL SURFACE DRAINAGE MUST MAINTAIN POSITIVE DRAINAGE TO DITCH. CONTRACTOR TO PROVIDE GRADING AS NECESSARY TO MAINTAIN FLOW TO DITCH OR REFER TO DETAIL OD-8 FOR PIPE INSTALLATIONS TO MAINTAIN FLOW FOR SURFACE FLOWS.
4. TREE CLEARING AS NEEDED PER HCSO DETAIL OD-3 SHEET 15. CONTRACTOR TO COORDINATE WITH HCSO INSPECTOR.
5. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS TO LOCATE EXISTING GEOTHERMAL AND SEPTIC SYSTEMS.
6. HAMILTON COUNTY SURVEYOR'S OFFICE INSPECTOR TO COORDINATE FENCE REMOVAL, FENCE REPLACEMENT AND GATES WITH PROPERTY OWNERS.

**LEGEND**

	20' FILTER STRIP		EXISTING CONTROL POINT
	RIP-RAP		EXISTING UTILITY POLE
	SEDIMENT BASIN		EXISTING GUYWIRE
	EXISTING DRAINAGE EASEMENT		EXISTING TREE
	TREE REMOVAL		EXISTING PROPERTY LINE
	RIP RAP		EXISTING RIGHT OF WAY
	ROCK LINED CHUTE		EXISTING FLOWLINE
	BENCH MARK		EXISTING OVERHEAD UTILITY
	PROPOSED TOP OF BANK		OHU
	PROPOSED TOE OF SLOPE		EXISTING TELEPHONE
	PROPOSED FLOWLINE		EXISTING ELECTRIC
	CONSTRUCTION LIMITS		EXISTING GAS
			EXISTING WATER MAIN
			EXISTING TREE LINE
			EXISTING FENCE LINE

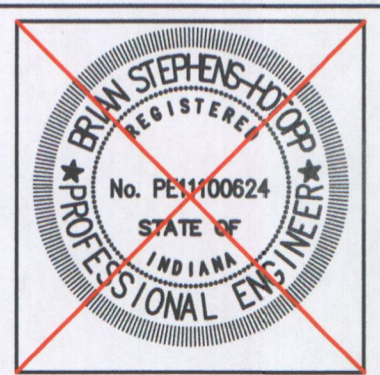


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 DIMSCALE: 50 LTS SCALE: 50  
 PLOTTED BY: BStephens-Hotopp  
 DATE: Oct 24, 2018 11:23am

PLOT DATE: Jan 30, 2023 - 10:23 am  
 FILE LOCATION: S:\E-Surv\Projects\Regulated Drains\Mallery Granger\Civil 3D\Source Drawings\13-15 Mallery Granger As-Built RQA 100721.dwg



PREPARED BY:  
 HAMILTON COUNTY SURVEYOR'S OFFICE  
 HAMILTON COUNTY GOVERNMENT/JUDICIAL CENTER  
 ONE HAMILTON COUNTY SQUARE, SUITE 188  
 NOBLESVILLE, IN 46060  
 PHONE: (317) 776-8495  
 FAX: (317) 776-9628  
 SURVEYOR@HAMILTONCOUNTY.IN.GOV



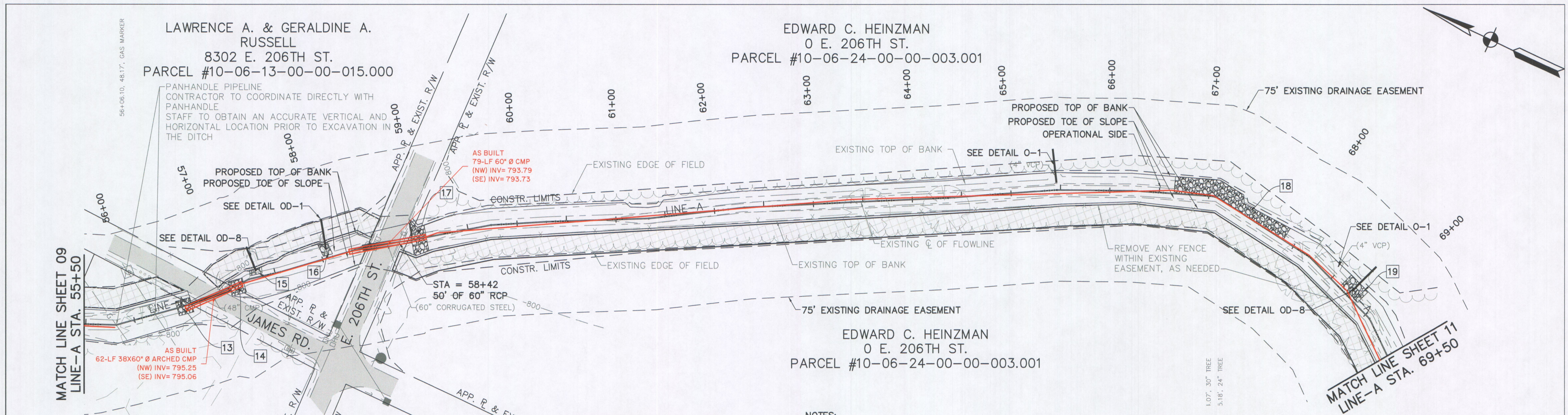
RECOMMENDED FOR APPROVAL: *Brian Stephens-Hotopp* 01/31/2018  
 DESIGN ENGINEER DATE  
 DESIGNED: KDK DRAWN: KDK  
 CHECKED: SJW CHECKED: SJW

**MALLERY-GRANGER DITCH  
HAMILTON COUNTY, INDIANA**

**LINE-A PLAN AND PROFILE**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION N/A
SURVEY BOOK	SHEETS
CONTRACT	17 of 76
	PROJECT 15-3272

**"AS-BUILT" RECORD DRAWINGS  
MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



LAWRENCE A. & GERALDINE A. RUSSELL  
8302 E. 206TH ST.  
PARCEL #10-06-13-00-00-015.000

EDWARD C. HEINZMAN  
0 E. 206TH ST.  
PARCEL #10-06-24-00-00-003.001

RICKY A. ROUDEBUSH  
20603 JAMES RD.  
PARCEL #10-06-13-00-00-020.001

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CERTIFIED BY: *Brian K. Rayl*  
BRIAN K. RAYL, PS  
PROFESSIONAL SURVEYOR  
INDIANA LICENSE NO. 20100070  
DATE: 1-31-2023

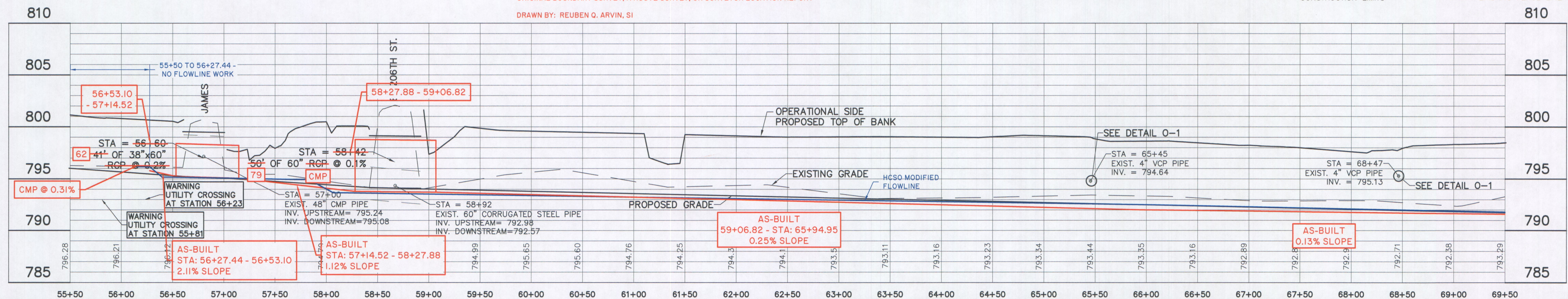


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DRAWN BY: REUBEN Q. ARVIN, SI

- NOTES:**
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  - CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS TO LOCATE EXISTING GEOTHERMAL AND SEPTIC SYSTEMS.
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**LEGEND**

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	RIP-RAP		EXISTING UTILITY POLE
	SEDIMENT BASIN		EXISTING GUYWIRE
	EXISTING DRAINAGE EASEMENT		EXISTING TREE
	TREE REMOVAL		EXISTING PROPERTY LINE
	RIP RAP		EXISTING RIGHT OF WAY
	ROCK LINED CHUTE		EXISTING FLOWLINE
	BENCH MARK		EXISTING OVERHEAD UTILITY
	PROPOSED TOP OF BANK		EXISTING TELEPHONE
	PROPOSED TOE OF SLOPE		EXISTING ELECTRIC
	PROPOSED FLOWLINE		EXISTING GAS
	CONSTRUCTION LIMITS		EXISTING WATER MAIN
			EXISTING TREE LINE
			EXISTING FENCE LINE



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 PLOTTED BY: BStevens-Hotopp  
 DATE: Oct 24 2018 12:03pm

PLOT DATE: Jan 30, 2023 - 10:23 am  
FILE LOCATION: S:\E-Surv\Projects\Regulated Drains\Mallery Granger\Civil 3D\Source Drawings\1313-15 Mallery Granger As-Built RQA 100721.dwg



PREPARED BY:  
HAMILTON COUNTY SURVEYOR'S OFFICE  
HAMILTON COUNTY GOVERNMENT/JUDICIAL CENTER  
ONE HAMILTON COUNTY SQUARE, SUITE 188  
NOBLESVILLE, IN 46060  
PHONE: (317) 776-8495  
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SURVEYOR@HAMILTONCOUNTY.IN.GOV



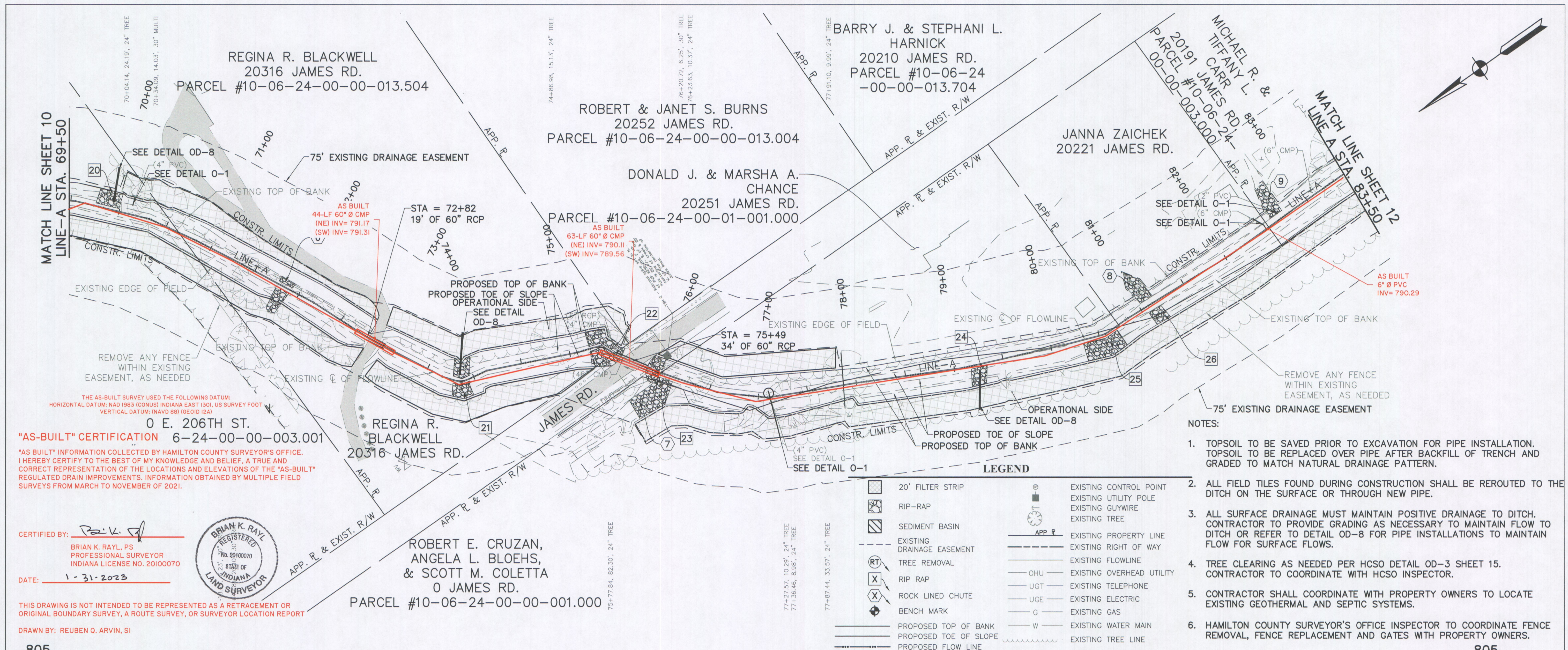
RECOMMENDED FOR APPROVAL: *Brian Stephens-Hotopp* 01/31/2018  
DESIGN ENGINEER DATE  
DESIGNED: KDK DRAWN: KDK  
CHECKED: SJW CHECKED: SJW

**MALLERY-GRANGER DITCH  
HAMILTON COUNTY, INDIANA**

**LINE-A PLAN AND PROFILE**

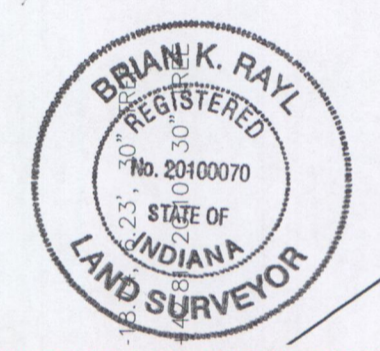
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VERTICAL SCALE 1" = 10'	DESIGNATION N/A
SURVEY BOOK	SHEETS
CONTRACT	18 of 76
	PROJECT
	15-3272

**"AS-BUILT" RECORD DRAWINGS  
MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



**O E. 206TH ST.**  
**"AS-BUILT" CERTIFICATION** 6-24-00-00-003.001  
 "AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY MULTIPLE FIELD SURVEYS FROM MARCH TO NOVEMBER OF 2021.

CERTIFIED BY: *[Signature]*  
 BRIAN K. RAY, PS  
 PROFESSIONAL SURVEYOR  
 INDIANA LICENSE NO. 20100070  
 DATE: 1-31-2023

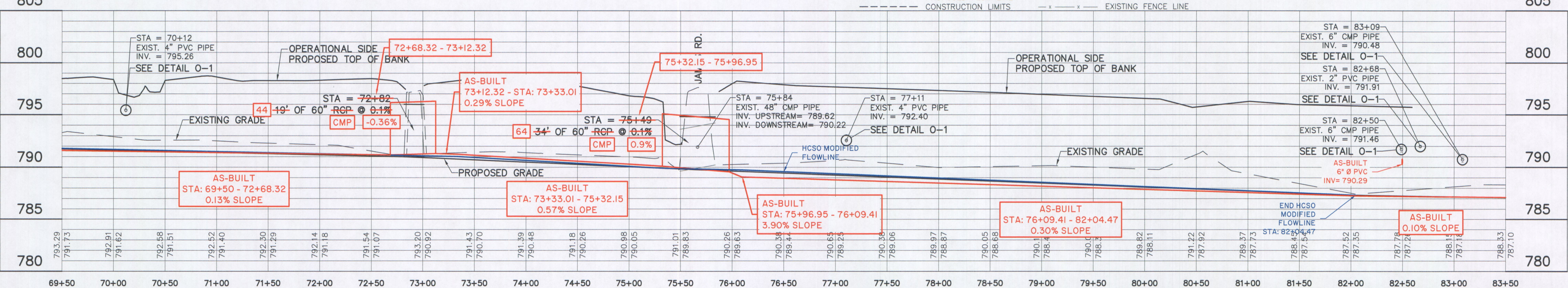


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 DRAWN BY: REUBEN Q. ARVIN, SI

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**LEGEND**

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	BENCH MARK		EXISTING OVERHEAD UTILITY
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	PROPOSED TOE OF SLOPE		EXISTING TELEPHONE
	PROPOSED FLOW LINE		EXISTING ELECTRIC
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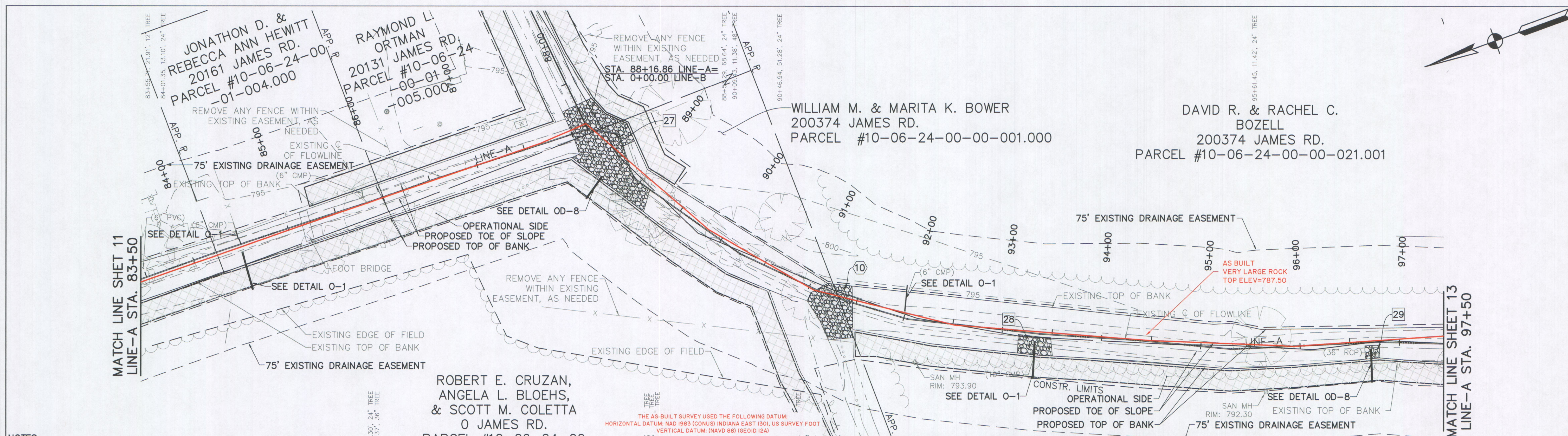


HAMILTON COUNTY SURVEYOR'S OFFICE HAMILTON COUNTY GOVERNMENT/JUDICIAL CENTER ONE HAMILTON COUNTY SQUARE, SUITE 188 NOBLESVILLE, IN 46060 PHONE: (317) 776-8495 FAX: (317) 776-9628 SURVEYOR@HAMILTONCOUNTY.IN.GOV	PREPARED BY: BRIAN BLOEHS DESIGN ENGINEER	RECOMMENDED FOR APPROVAL: BRIAN BLOEHS DESIGN ENGINEER DATE: 01/31/2018	HORIZONTAL SCALE 1" = 50' BRIDGE FILE N/A
	DESIGNED: KDK CHECKED: SJW	DRAWN: KDK CHECKED: SJW	MALLERY-GRANGER DITCH HAMILTON COUNTY, INDIANA LINE-A PLAN AND PROFILE
PLOT DATE: Jan 30, 2023 - 10:23 am FILE LOCATION: S:\E-Surv\Projects\Regulated Drains\Mallery Granger\Civil 3D\Source Drawings\ 313-15 Mallery Granger As-Built RQA 100721.dwg		SURVEY BOOK SHEETS 19 of 76 PROJECT 15-3272	

DIRECTORY: F:\2015\15-3272 Mallery Granger Ditch\DESIGN\Drawings\02-Plan and Profiles\  
 FILE: 15-3272 Line A PP.dwg  
 DIMSCALE: 50 LTSSCALE: 50  
 PLOTTED BY: BStephens-Hotopp  
 DATE: Oct 24, 2018 11:24am



**"AS-BUILT" RECORD DRAWINGS  
MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



**NOTES:**

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**"AS-BUILT" CERTIFICATION**

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CERTIFIED BY: *B. K. Rayl*

BRIAN K. RAYL, PS  
PROFESSIONAL SURVEYOR  
INDIANA LICENSE NO. 20100070

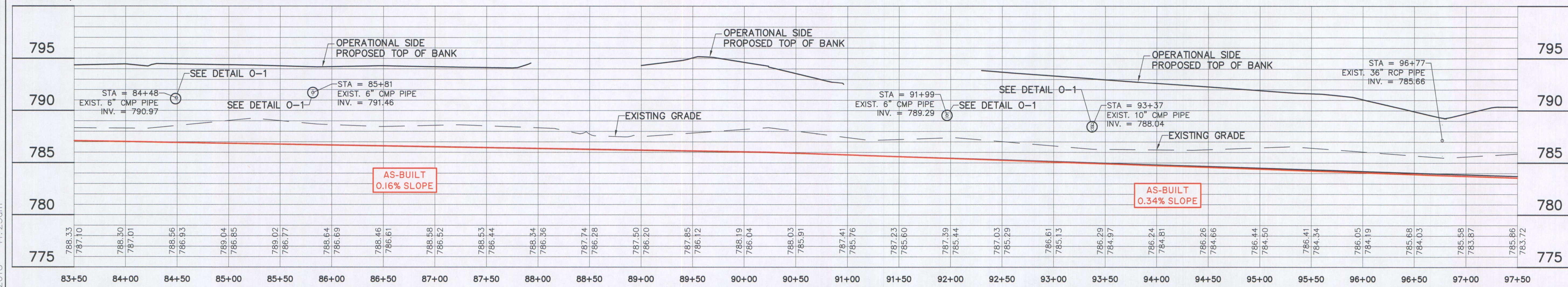
DATE: 1-31-2023



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DRAWN BY: REUBEN Q. ARVIN, SI

LEGEND	
	20' FILTER STRIP
	RIP-RAP
	SEDIMENT BASIN
	EXISTING DRAINAGE EASEMENT
	TREE REMOVAL
	RIP RAP
	ROCK LINED CHUTE
	BENCH MARK
	PROPOSED TOP OF BANK
	PROPOSED TOE OF SLOPE
	PROPOSED FLOW LINE
	CONSTRUCTION LIMITS
	EXISTING CONTROL POINT
	EXISTING UTILITY POLE
	EXISTING GUYWIRE
	EXISTING TREE
	EXISTING PROPERTY LINE
	EXISTING RIGHT OF WAY
	EXISTING FLOWLINE
	EXISTING OVERHEAD UTILITY
	EXISTING TELEPHONE
	EXISTING ELECTRIC
	EXISTING GAS
	EXISTING WATER MAIN
	EXISTING TREE LINE
	EXISTING FENCE LINE



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 PLOTTED BY: BStephens-Hotopp  
 DATE: Oct 24, 2018 11:25am

PLOT DATE: Jan 30, 2023 - 10:23 am  
 FILE LOCATION: S:\E-Surv\Projects\Regulated Drains\Mallery Granger\Civil 3D\Source Drawings\131-15 Mallery Granger As-Built RQA 100721.dwg



PREPARED BY:  
 HAMILTON COUNTY SURVEYOR'S OFFICE  
 HAMILTON COUNTY GOVERNMENT/JUDICIAL CENTER  
 ONE HAMILTON COUNTY SQUARE, SUITE 188  
 NOBLESVILLE, IN 46060  
 PHONE: (317) 776-8495  
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 SURVEYOR@HAMILTONCOUNTY.IN.GOV

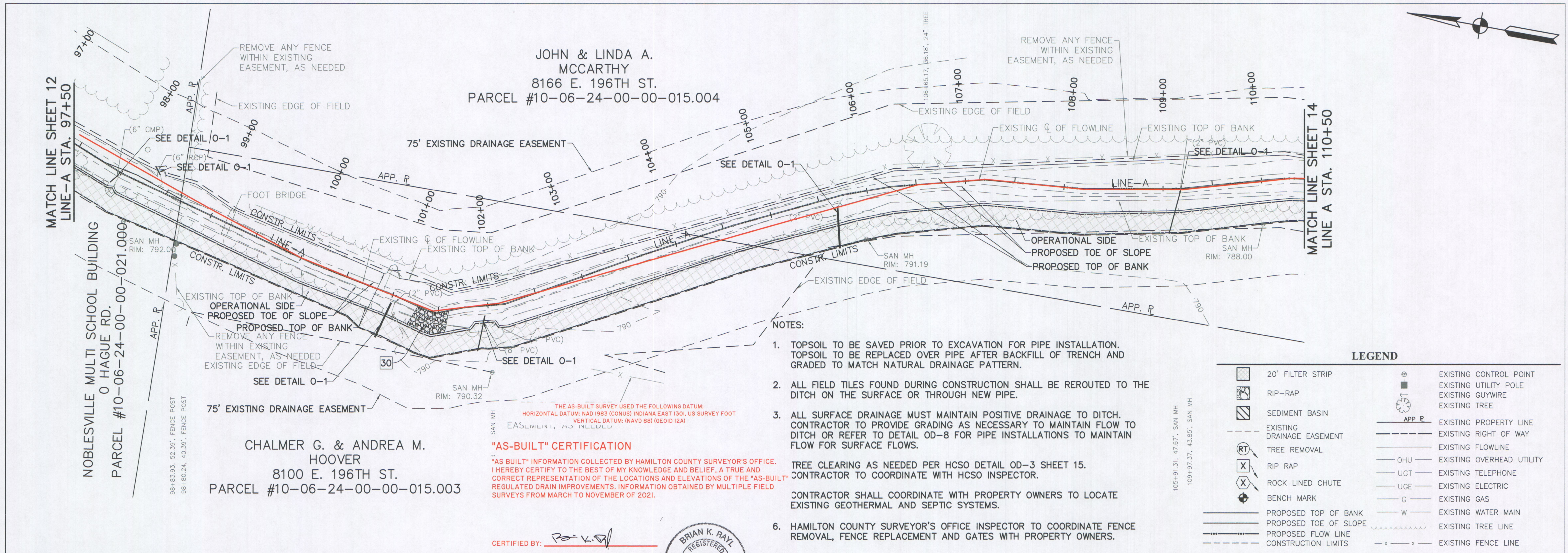


RECOMMENDED FOR APPROVAL: <i>Brian Stephens-Hotopp</i> 01/31/2018 DESIGN ENGINEER DATE
DESIGNED: KDK DRAWN: KDK
CHECKED: SJW CHECKED: SJW

**MALLERY-GRANGER DITCH  
HAMILTON COUNTY, INDIANA**  
  
**LINE-A PLAN AND PROFILE**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION N/A
SURVEY BOOK	SHEETS 20 of 76
CONTRACT	PROJECT 15-3272

**"AS-BUILT" RECORD DRAWINGS  
MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



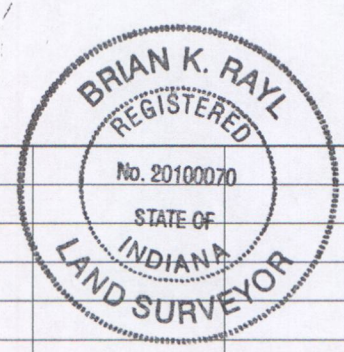
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**LEGEND**

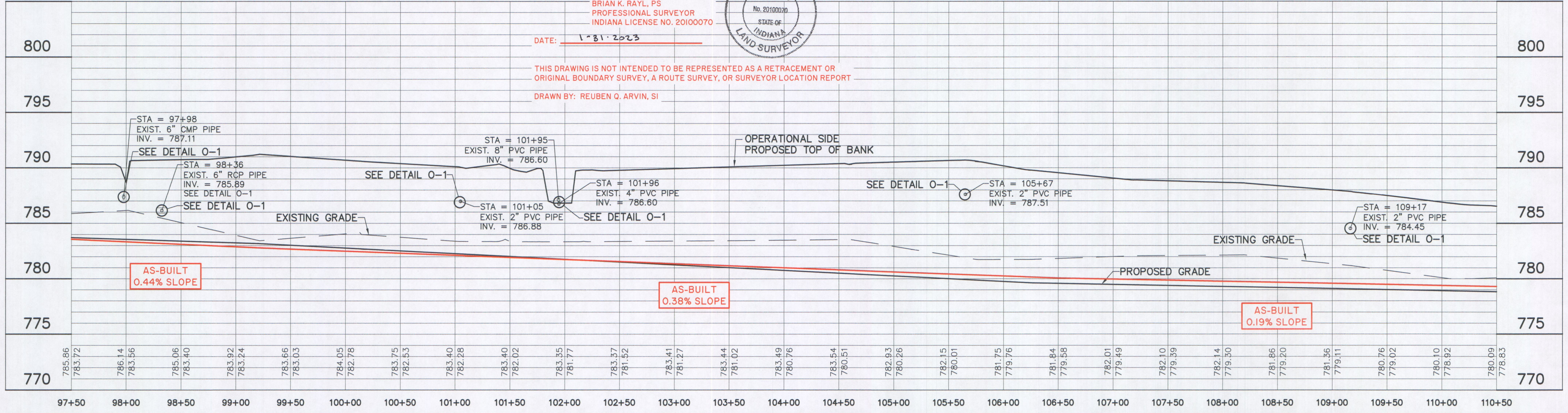
	20' FILTER STRIP		EXISTING CONTROL POINT
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	CONSTRUCTION LIMITS		EXISTING WATER MAIN
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 INDIANA LICENSE NO. 20100070  
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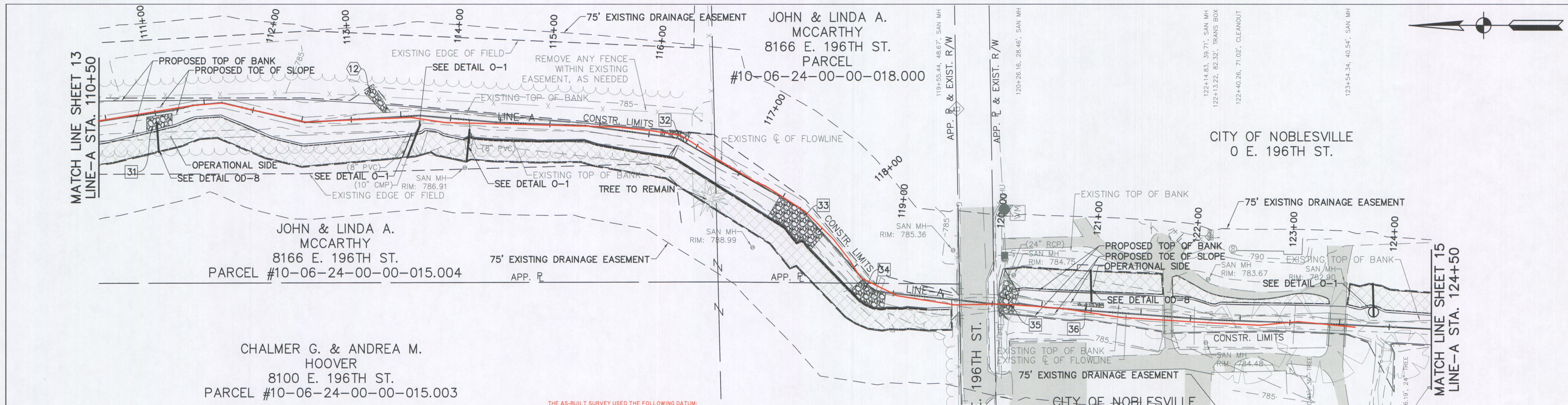
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 DRAWN BY: REUBEN Q. ARVIN, SI



DIRECTORY: F:\2015\15-3272 Mallery Granger Ditch\DESIGN\Drawings\02-Plan and Profiles\  
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PLOT DATE: Jan 30, 2023 - 10:23 am FILE LOCATION: S:\E-Surv\Projects\Regulated Drains\Mallery Granger\Civil 3D\Source Drawings\1313-15 Mallery Granger As-Built RQA 100721.dwg	PREPARED BY: HAMILTON COUNTY SURVEYOR'S OFFICE HAMILTON COUNTY GOVERNMENT/JUDICIAL CENTER ONE HAMILTON COUNTY SQUARE, SUITE 188 NOBLESVILLE, IN 46060 PHONE: (317) 776-8495 FAX: (317) 776-9628 SURVEYOR@HAMILTONCOUNTY.IN.GOV		RECOMMENDED FOR APPROVAL: DESIGN ENGINEER DATE: 01/31/2018	HORIZONTAL SCALE: 1" = 50' BRIDGE FILE: N/A
			MALLERY-GRANGER DITCH HAMILTON COUNTY, INDIANA	VERTICAL SCALE: 1" = 10' DESIGNATION: N/A
LINE-A PLAN AND PROFILE			SURVEY BOOK: 21 of 76 SHEETS	CONTRACT: PROJECT 15-3272

**"AS-BUILT" RECORD DRAWINGS  
MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



**NOTES:**

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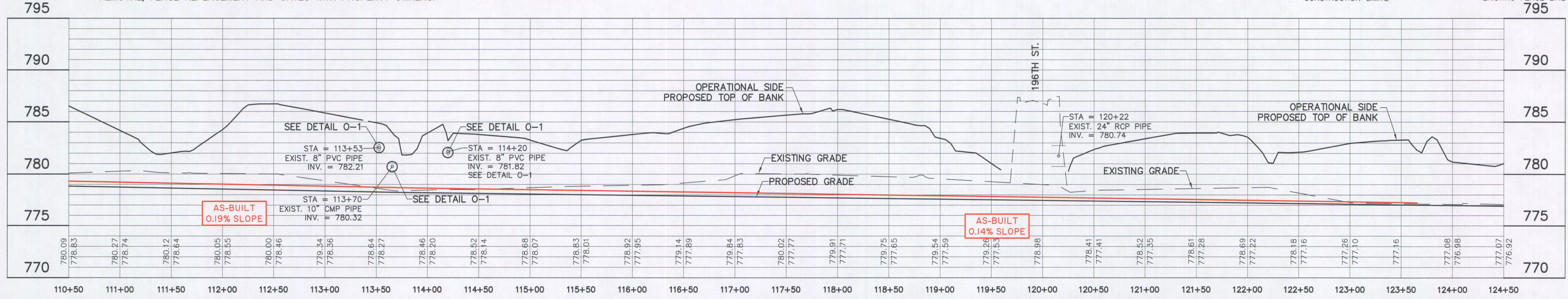
DATE: 1-31-2023

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT

DRAWN BY: REUBEN Q. ARVIN, SI

**LEGEND**

	20' FILTER STRIP		EXISTING CONTROL POINT
	RIP-RAP		EXISTING UTILITY POLE
	SEDIMENT BASIN		EXISTING GUYWIRE
	EXISTING DRAINAGE EASEMENT		EXISTING TREE
	TREE REMOVAL		EXISTING PROPERTY LINE
	RIP RAP		EXISTING RIGHT OF WAY
	ROCK LINED CHUTE		EXISTING FLOWLINE
	BENCH MARK		EXISTING OVERHEAD UTILITY
	PROPOSED TOP OF BANK		EXISTING TELEPHONE
	PROPOSED TOE OF SLOPE		EXISTING ELECTRIC
	PROPOSED FLOW LINE		EXISTING GAS
	CONSTRUCTION LIMITS		EXISTING WATER MAIN
			EXISTING TREE LINE
			EXISTING FENCE LINE



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 DMSCALE: 50 LTSSCALE: 50  
 PLOTTED BY: BStephens-Hotopp  
 DATE: Oct 24 2018 11:26am

PLOT DATE: Jan 30, 2023 - 10:23 am  
 FILE LOCATION: S:\E-Surv\Projects\Regulated Drains\Mallery Granger\Civil 3D\Source Drawings\1315 Mallery Granger As-Built RQA 100721.dwg



PREPARED BY:  
 HAMILTON COUNTY SURVEYOR'S OFFICE  
 HAMILTON COUNTY GOVERNMENT/JUDICIAL CENTER  
 ONE HAMILTON COUNTY SQUARE, SUITE 188  
 NOBLESVILLE, IN 46060  
 PHONE: (317) 776-8495  
 FAX: (317) 776-9628  
 SURVEYOR@HAMILTONCOUNTY.IN.GOV



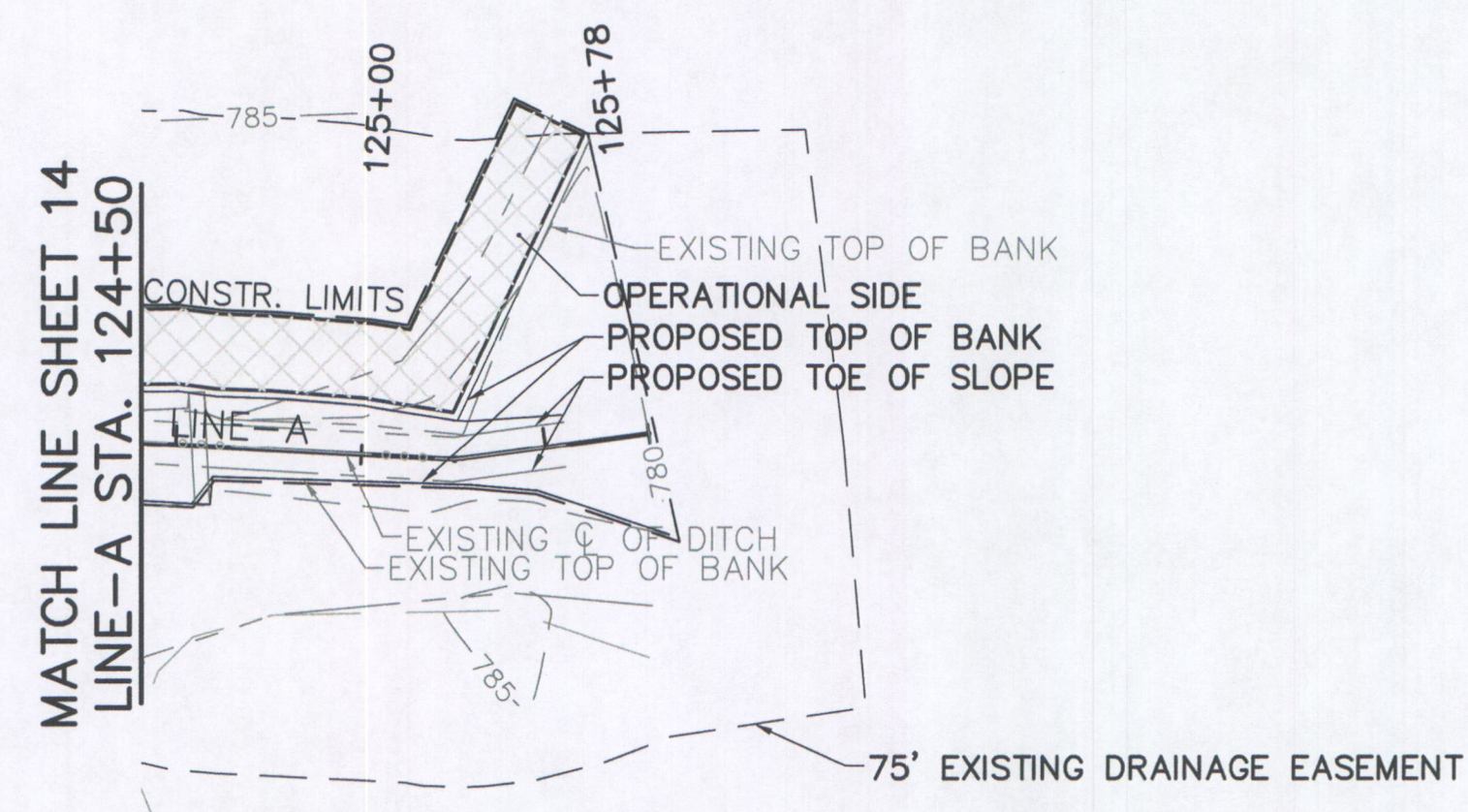
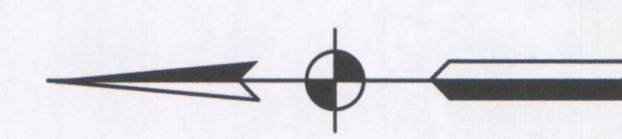
RECOMMENDED FOR APPROVAL:   
 DESIGN ENGINEER DATE: 01/31/2018  
 DESIGNED: KDK DRAWN: KDK  
 CHECKED: SJW CHECKED: SJW

**MALLERY-GRANGER DITCH  
HAMILTON COUNTY, INDIANA**

**LINE-A PLAN AND PROFILE**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION N/A
SURVEY BOOK	SHEETS
CONTRACT	22 of 76
	PROJECT 15-3272

**"AS-BUILT" RECORD DRAWINGS  
MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



**NOTES:**

1. TOPSOIL TO BE SAVED PRIOR TO EXCAVATION FOR PIPE INSTALLATION. TOPSOIL TO BE REPLACED OVER PIPE AFTER BACKFILL OF TRENCH AND GRADED TO MATCH NATURAL DRAINAGE PATTERN.
2. ALL FIELD TILES FOUND DURING CONSTRUCTION SHALL BE REROUTED TO THE DITCH ON THE SURFACE OR THROUGH NEW PIPE.
3. ALL SURFACE DRAINAGE MUST MAINTAIN POSITIVE DRAINAGE TO DITCH. CONTRACTOR TO PROVIDE GRADING AS NECESSARY TO MAINTAIN FLOW TO DITCH OR REFER TO DETAIL OD-8 FOR PIPE INSTALLATIONS TO MAINTAIN FLOW FOR SURFACE FLOWS.
4. TREE CLEARING AS NEEDED PER HCSO DETAIL OD-3 SHEET 15. CONTRACTOR TO COORDINATE WITH HCSO INSPECTOR.
5. CONTRACTOR SHALL COORDINATE WITH PROPERTY OWNERS TO LOCATE EXISTING GEOTHERMAL AND SEPTIC SYSTEMS.
6. HAMILTON COUNTY SURVEYOR'S OFFICE INSPECTOR TO COORDINATE FENCE REMOVAL, FENCE REPLACEMENT AND GATES WITH PROPERTY OWNERS.

CITY OF NOBLESVILLE  
0 E. 196TH ST.  
PARCEL #11-06-25-00-00-004.000

**LEGEND**

	20' FILTER STRIP		EXISTING CONTROL POINT
	RIP-RAP		EXISTING UTILITY POLE
	SEDIMENT BASIN		EXISTING GUYWIRE
	EXISTING DRAINAGE EASEMENT		EXISTING TREE
	TREE REMOVAL		EXISTING PROPERTY LINE
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	ROCK LINED CHUTE		EXISTING FLOWLINE
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	PROPOSED TOE OF SLOPE		EXISTING ELECTRIC
	PROPOSED FLOW LINE		EXISTING GAS
	CONSTRUCTION LIMITS		EXISTING WATER MAIN
			EXISTING TREE LINE
			EXISTING FENCE LINE

THE AS-BUILT SURVEY USED THE FOLLOWING DATUM:  
HORIZONTAL DATUM: NAD 1983 (CONUS) INDIANA EAST 1301, US SURVEY FOOT  
VERTICAL DATUM: (NAVD 88) (GEOID 124)

**"AS-BUILT" CERTIFICATION**

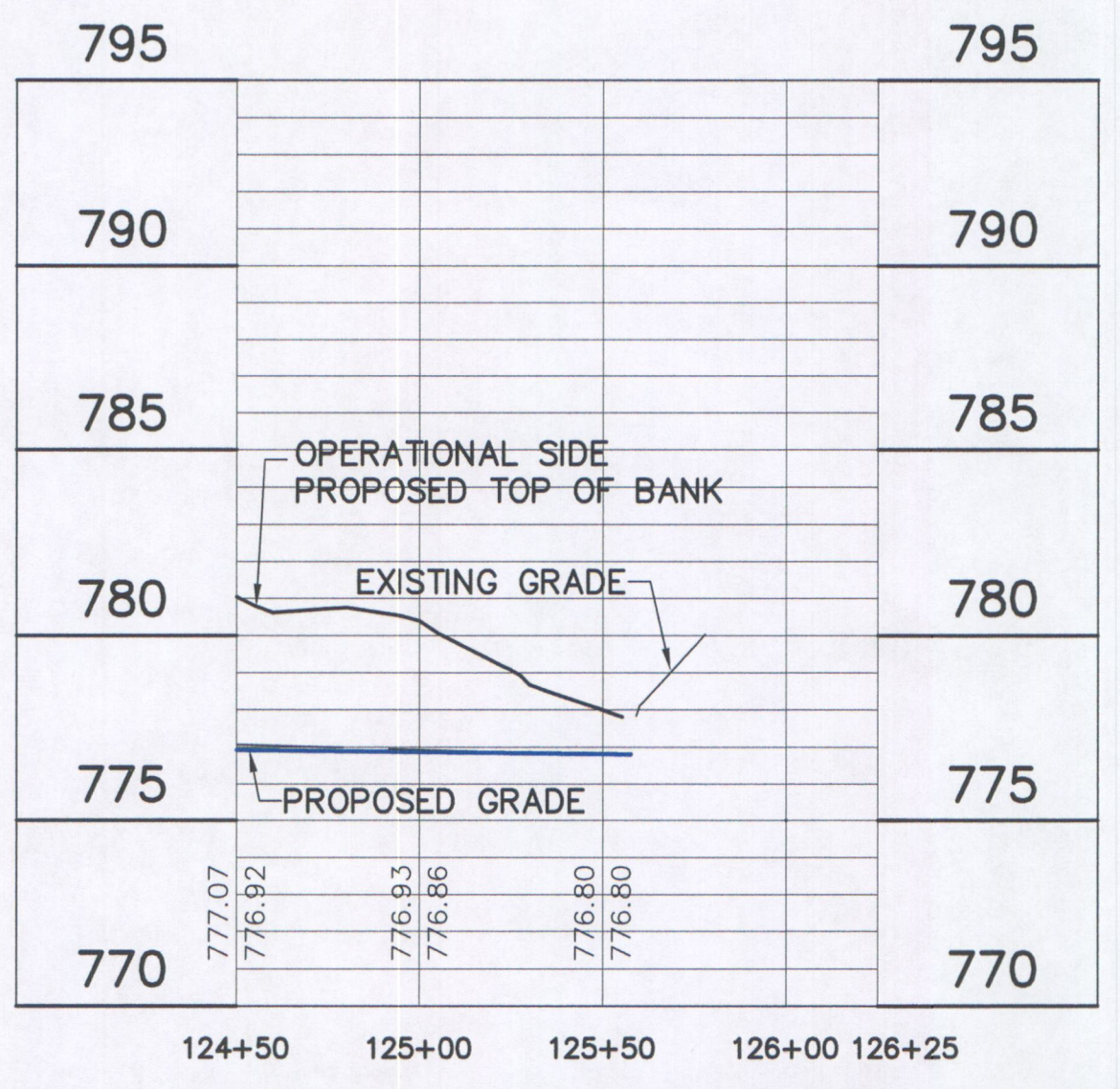
"AS BUILT" INFORMATION COLLECTED BY HAMILTON COUNTY SURVEYOR'S OFFICE. I HEREBY CERTIFY TO THE BEST OF MY KNOWLEDGE AND BELIEF, A TRUE AND CORRECT REPRESENTATION OF THE LOCATIONS AND ELEVATIONS OF THE "AS-BUILT" REGULATED DRAIN IMPROVEMENTS. INFORMATION OBTAINED BY MULTIPLE FIELD SURVEYS FROM MARCH TO NOVEMBER OF 2021.

CERTIFIED BY:   
BRIAN K. RAYL, PS  
PROFESSIONAL SURVEYOR  
INDIANA LICENSE NO. 20100070



DATE: 1-31-2023

THIS DRAWING IS NOT INTENDED TO BE REPRESENTED AS A RETRACEMENT OR ORIGINAL BOUNDARY SURVEY, A ROUTE SURVEY, OR SURVEYOR LOCATION REPORT  
DRAWN BY: REUBEN Q. ARVIN, SI



DIRECTORY: F:\2015\15-3272 Mallery Granger Ditch\DESIGN\Drawings\02-Plan and Profiles\  
 FILE: 15-3272 Line A PP.dwg  
 DIMSCALE: 50 LTSCALE: 50  
 PLOTTED BY: BStephens-Hotopp  
 DATE: Oct 24, 2018 11:26am

PLOT DATE: Jan 30, 2023 - 10:24 am  
FILE LOCATION: S:\E-Surv\Projects\Regulated Drains\Mallery Granger\Civil 3D\Source Drawings\1313-15 Mallery Granger As-Built's RQA I00721.dwg



PREPARED BY:  
HAMILTON COUNTY SURVEYOR'S OFFICE  
HAMILTON COUNTY GOVERNMENT/JUDICIAL CENTER  
ONE HAMILTON COUNTY SQUARE, SUITE 188  
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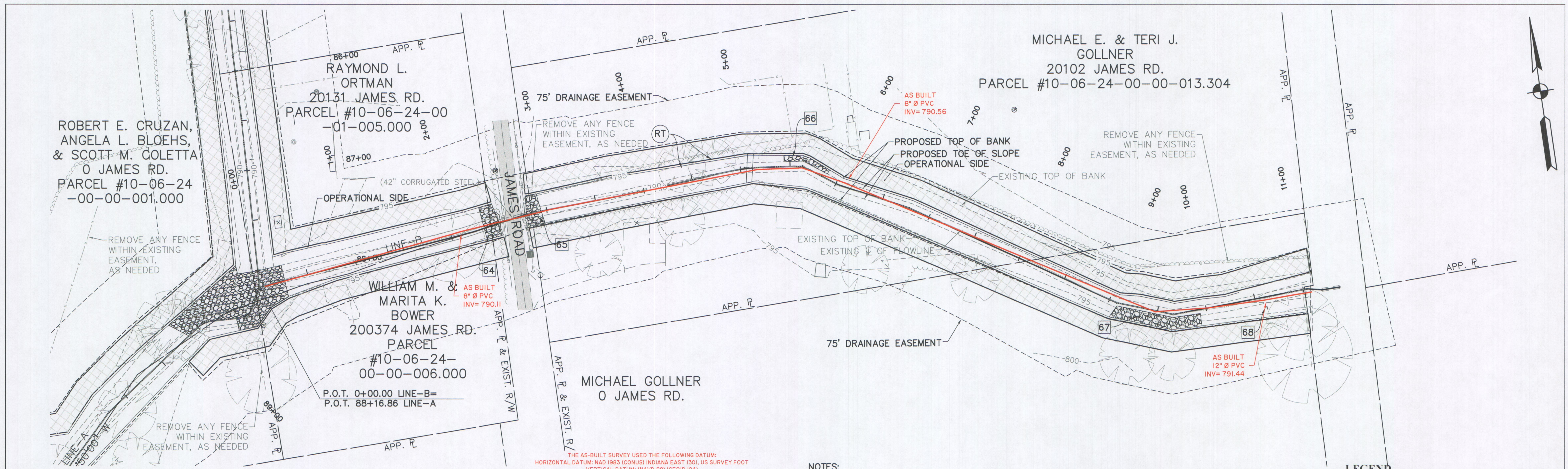
RECOMMENDED FOR APPROVAL		01/31/2018
DESIGNED:	KDK	DATE
CHECKED:	SJW	

**MALLERY-GRANGER DITCH  
HAMILTON COUNTY, INDIANA**

**LINE-A PLAN AND PROFILE**

HORIZONTAL SCALE	BRIDGE FILE
1" = 50'	N/A
VERTICAL SCALE	DESIGNATION
1" = 10'	N/A
SURVEY BOOK	SHEETS
	23 of 76
CONTRACT	PROJECT
	15-3272

**"AS-BUILT" RECORD DRAWINGS  
MALLERY GRANGER REGULATED DRAIN RECONSTRUCTION**



THE AS-BUILT SURVEY USED THE FOLLOWING DATUM:  
HORIZONTAL DATUM: NAD 1983 (GONUSS) INDIANA EAST 1301 US SURVEY FOOT  
VERTICAL DATUM: (NAVD 88) (GEOID 124)

**"AS-BUILT" CERTIFICATION**

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CERTIFIED BY: *Brian K. Rayl*  
BRIAN K. RAYL, PS  
PROFESSIONAL SURVEYOR  
INDIANA LICENSE NO. 20100070  
DATE: 1-31-2023



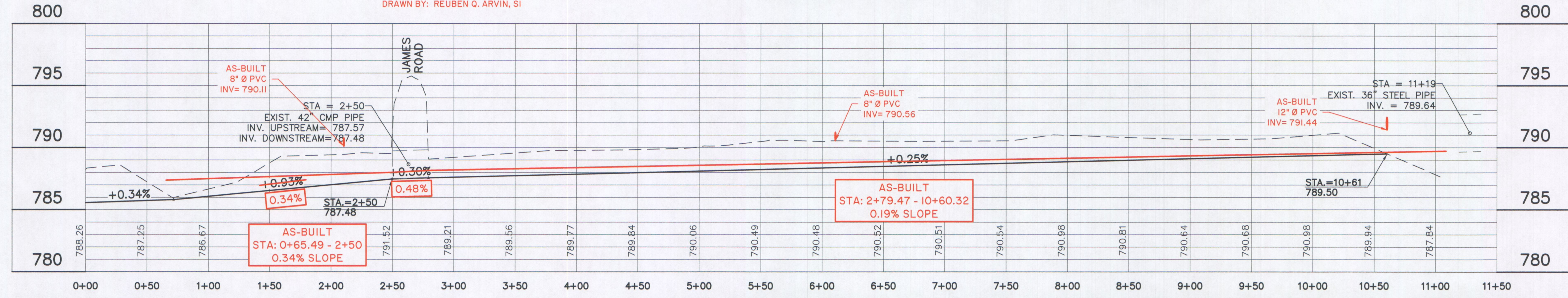
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**LEGEND**

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	BENCH MARK		EXISTING OVERHEAD UTILITY
	PROPOSED TOP OF BANK		UGT - EXISTING TELEPHONE
	PROPOSED TOE OF SLOPE		EXISTING ELECTRIC
	PROPOSED FLOW LINE		EXISTING GAS
	CONSTRUCTION LIMITS		EXISTING WATER MAIN
			EXISTING TREE LINE
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RECOMMENDED FOR APPROVAL: *Brian Stephens-Hotopp* 01/31/2018  
DESIGN ENGINEER DATE  
DESIGNED: KDK DRAWN: KDK  
CHECKED: SJW CHECKED: SJW

**MALLERY-GRANGER DITCH  
HAMILTON COUNTY, INDIANA**

**LINE-B PLAN AND PROFILE**

HORIZONTAL SCALE 1" = 50'	BRIDGE FILE N/A
VERTICAL SCALE 1" = 10'	DESIGNATION N/A
SURVEY BOOK	SHEETS 24 of 76
CONTRACT	PROJECT 15-3272