



Kenton C. Ward, CFM
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Suite 188
One Hamilton County Square
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March 25, 2022

TO: Hamilton County Drainage Board

RE: **William Baker Drain, Flora Mendenhall Arm Reconstruction**

Attached are the plans, schedule of assessments and drainage shed map for the William Baker, Flora Mendenhall Arm Reconstruction Project.

The Flora Mendenhall Arm of the William Baker Drain is located in Sections 1 and 12 of Township 19 North, Range 3 East, in Adams Township.

The Flora Mendenhall Arm of the William Baker Drain consists of the Flora Mendenhall Arm Drain, the Arm 1 Drain, and the Arm 2 Drain. The Drain is currently tiled, is 8,615-feet in length, and discharges to the George Starrett Arm of the William Baker Drain at Station 65+24 of the George Starrett Arm. The drainage shed is 402.44-acres

The attached plans, dated January 14, 2022, were prepared by the Hamilton County Surveyor's Office. The plans are for reconstructing a portion of the Flora Mendenhall Arm of the William Baker Drain and a portion of the Arm 2 of the Flora Mendenhall Arm of the William Baker Drain as an open ditch. The project will improve the flow characteristics of the Drain and will allow future reconstruction projects of the remainder of the drain not included in this project.

The drain stationing in this report references the historic stationing of the drain. The project stationing of the construction plans by the Hamilton County Surveyor do not follow the historic stationing.

I have made a personal inspection of the Drain. Upon doing so, I believe that the drain is practicable; will improve the public health; will be of public utility; and that the costs, damages and expenses of the proposed drain will probably be less than the benefits accruing to the owners of land likely to be benefited.

History

Per a Surveyor's Report dated March 16, 1990: "The Flora Mendenhall Drain was on a maintenance program in April 1979. This drain was

petitioned by Flora Mendenhall et al. to the Commissioners Court and on March 15, 1899, viewers were appointed and ordered to meet J.A. Mitchell, County Surveyor at Bakers Corner on the morning of April 4, 1899. The Viewers Report was filed April 15, 1899 and was ordered constructed on June 7, 1899 for a cost of \$1,281.82 (See Commissioners Record 29, Pages 25-27). The drain consisted of a main drain 7,800-feet in length, being 8, 10, 12, and 15-inch tile, and open ditch entering the T.B. Baker Drain. The 820-feet of the open ditch is now part of the Starrett and Swarms drain so the Flora Mendenhall main drain just has 6,980-feet in tile length and no open ditch. There are also two arms of the Flora Mendenhall drain; Arm 1 consisting of 8-inch tile with a length of 635-feet, and Arm 2 consisting of 8-inch tile with a length of 1000-feet. The construction of the two arms were at the same time of the main tile installation. The drain was assessed, and maintenance performed in 1958. Requests were made to maintain the drain in March 1969 by Lyndon Beals and Bernie Stowers. However, further maintenance was not performed until the drain was placed on maintenance in 1979."

Work Order History

Based on a search of the County's database for drainage complaints, there has been a total of twenty-eight (28) drainage complaints filed with the Surveyor's Office since 2003. The complaints are listed below.

DC #	Date	Description	Location
DC-2003-00223	5/15/2003	Blow hole in Tile	South of 234th St & East of Dunbar Rd
DC-2003-00323	6/18/2003	Blow hole in Tile	South of 226th St & East of Dunbar Rd
DC-2004-00241	5/28/2004	Blow hole in Tile	North of 226th St & East of Dunbar Rd
DC-2005-00290	5/11/2005	Standing water	South of 226th St & West of Dunbar Rd
DC-2006-00108	4/3/2006	Blow hole in Tile	22899 Dunbar Rd, Sheridan
DC-2006-00410	10/19/2006	Sink hole in Tile	South of 226th St & East of Dunbar Rd
DC-2008-00365	7/29/2008	Two (2) Blow holes in Tile	South of 226th St & East of Dunbar Rd
DC-2009-00214	5/15/2009	Standing water	South of 226th St & East of Dunbar Rd
DC-2009-00262	6/5/2009	Blow hole in Tile	South of 226th St & East of Dunbar Rd
DC-2010-00109	4/23/2010	6' of Tile missing in field	South of 234th St & East of Dunbar Rd

DC-2011-00296	6/28/2011	Blow hole in Tile	South of 226th St & East of Dunbar Rd
DC-2012-00113	3/27/2012	Water boiling up in back yard	South of 226th St & West of Dunbar Rd
DC-2012-00334	10/31/2012	Small Blow hole in Tile	South of 226th St & East of Dunbar Rd
DC-2013-00022	1/15/2013	Five (5) Blow holes in Tile	North of 226th St & East of Dunbar Rd
DC-2013-00264	5/6/2013	Three (3) Blow holes in Tile	South of 226th St & East of Dunbar Rd
DC-2013-00380	6/24/2013	Tile blockage; Two (2) Blow holes in Tile	South of 226th St & West of Dunbar Rd
DC-2015-00239	5/13/2015	Several Blow holes in Tile	North of 226th St & East of Dunbar Rd
DC-2015-00530	12/9/2015	Broken Tile	South of 226th St & East of Dunbar Rd
DC-2016-00058	3/9/2016	Blow hole in Tile	South of 226th St & East of Dunbar Rd
DC-2017-00049	2/21/2017	Standing water; Tile bent/exposed	South of 226th St & West of Dunbar Rd
DC-2018-00178	5/2/2018	Three (3) Blow holes in Tile	North of 226th St & East of Dunbar Rd
DC-2018-00202	5/10/2018	Broken Tile	South of 226th St & East of Dunbar Rd
DC-2019-00354	6/10/2019	Blow hole in Tile	South of 226th St & East of Dunbar Rd
DC-2019-00574	10/17/2019	Two (2) Blow holes in Tile close to Road	North of 226th St & West of Dunbar Rd
DC-2020-00185	4/20/2020	Two (2) Blow holes	North of 226th St & East of Dunbar Rd
DC-2020-00300	6/4/2020	Four (4) holes	South of 226 th Street & East of Dunbar Road
DC-2020-00347	7/6/2020	Two (2) holes	West of Dunbar Road & North of 226 th Street
DC-2021-00412	11/17/21	Standing water in front yard	South of 226 th Street & West of Dunbar Road

Based on a search of the County's database for Work Orders, a total of twenty-eight (28) Work Orders have been completed since 2003 with a total value of \$48,474.51. The Work Orders are listed below.

Work Order #	Type of Repair	Cost	Date Complete
WO-2003-00123	Blow hole in Tile	\$508.00	1/14/2005
WO-2003-00154	Blow hole in Tile	\$689.40	1/9/2005
WO-2004-00164	Blow hole in Tile	\$470.20	12/9/2005
WO-2005-00146	Tile blockage and restore flow	\$6,177.76	5/1/2007
WO-2005-00176	Jet field tile lines	\$423.75	5/1/2007

WO-2006-00076	Blow hole in Tile	\$1,095.30	8/7/2007
WO-2006-00207	Sink hole in Tile	\$173.50	9/28/2007
WO-2008-00262	Two (2) Blow holes in Tile	\$415.90	12/24/2008
WO-2009-00288	Two (2) Blow holes in Tile	\$498.75	12/18/2009
WO-2011-00212	Two (2) Blow holes in Tile	\$557.75	8/9/2011
WO-2012-00114	Obstruction in tile; replaced with new pipe	\$3,928.45	1/30/2013
WO-2012-00307	Blow hole	\$163.00	12/11/2012
WO-2013-00039	Five (5) Blow holes in Tile	\$3,495.40	3/18/2013
WO-2013-00155	Three (3) Blow holes in Tile	\$349.11	7/10/2013
WO-2013-00249	Roots in Tile; replace with new Tile	\$3,959.10	9/5/2013
WO-2013-00261	Jet Tile	\$300.00	8/26/2013
WO-2016-00007	Blow hole in Tile	\$696.90	2/22/2016
WO-2016-00012	Five (5) Blow holes in Tile	\$2,469.32	4/11/2017
WO-2016-00097	Blow hole in Tile	\$2,358.72	6/13/2016
WO-2017-00066	Remove obstruction/Restore flow	\$7,253.65	12/21/2017
WO-2017-00067	Jet and remove roots in Tile	\$337.50	6/27/2017
WO-2018-00136	Several blow holes in Tile	\$3,415.75	7/25/2018
WO-2018-00153	Broken Tile	\$653.75	6/26/2018
WO-2019-00192	Several blow holes in Tile	\$2,712.75	7/9/2019
WO-2019-00199	Jet field tile/Restore flow	\$612.50	7/9/2019
WO-2019-00382	Two (2) Blow holes in Tile	\$593.40	12/10/2019
WO-2020-00162	Holes reported	\$2,716.40	6/3/2020
WO-2020-00272	Two (2) holes	\$1,448.50	7/15/2021

There are two (2) outstanding work orders for this Drain as of the date of this report. These work orders are WO-2022-0006 and WO-2022-0092.

Existing Condition

The existing drain is comprised of the original clay field tile constructed in 1899. The drain functions but is undersized by today's standards. The tile is 123-years old and has exceeded the expected service life of such a tile. Routine maintenance is required for the tile to function. The undersized tile does not adequately drain the ground and does not provide a positive outlet for private tiles that are connected to the drain. 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.

It is common for ponding to occur after rain events in several of the fields within the watershed. Such ponding and saturated soil conditions affect crop production.

There is also severe erosion occurring over the tile due to the flow of surface water.

Reconstruction Project

The project will improve the capacity of the drain, provide better drainage for existing tile upstream of the project, and provide a positive outlet for any private tiles.

The project will be let by the Hamilton County Drainage Board and the construction contract will be managed by the Hamilton County Surveyor's Office.

The project includes the following:

1. Flora Mendenhall Arm

A. Reconstruction of the existing Flora Mendenhall Arm of the William Baker Drain between Station 25+90 and Station 69+80. The existing tile between Station 0+00 and Station 25+90 is not being reconstructed with this project. More specifically, the reconstruction will include the following:

- i. Construct a new 4-foot bottom width open ditch with 2:1 side slopes between Station 26+41 and 68+81 at a gradient of 0.2%.
- ii. Intercept the existing 12" tile at Station 25+90 and install a new 15" tile between Station 25+90 and Station 26+41 to outlet the tile to the new open ditch.
- iii. Construct a rock chute in the open ditch between Station 65+05 and Station 65+53.
- iv. Construct a rock chute for surface water flow to enter the new open ditch between Station 26+49 and Station 25+75.

B. The existing tile between Stations 25+90 and Station 69+80 will be demolished by the project. Any connections to the existing tile will be extended to the new open ditch.

C. The new open ditch will be constructed off of the alignment of the existing tile approximately between Station 32+04 and Station 59+17. The alignment of the open ditch was shifted from the alignment of the existing tile to avoid the creation of an isolated area of arable ground east of the new open ditch.

2. Arm 2 of the Flora Mendenhall Arm

A. Reconstruction of the existing Arm 2 of the Flora Mendenhall Arm of the William Baker Drain between Station 2+73 and Station 10+00. The existing tile between Station 0+00 and Station 2+73 is not being reconstructed with this project. More specifically, the reconstruction will include the following:

- i. Construct a new 4-foot bottom width open ditch with 2:1 side slopes between Station 2+89 and Station 11+26 at the following gradients:
 1. 0.2% between Station 11+26 and Station 10+04.
 2. 0.75% between Station 10+04 and 7+08.
 3. 0.2% between Station 6+60 and 4+03.
 4. 0.2% between Station 3+55 and 2+89.

- ii. Intercept the existing 8" tile at Station 2+73 and install a new 12" tile between Station 2+73 and Station 2+89 to outlet the tile to the new open ditch.
 - iii. Construct a rock chute in the open ditch between Station 7+08 and Station 6+60.
 - iv. Construct a rock chute in the open ditch between Station 4+03 and Station 3+55.
 - v. Construct a rock chute for surface water flow to enter the new open ditch between Station 2+95 and Station 2+23.
 - B. The existing tile between these stations will be demolished by the project. Any connections to the existing tile will be extended to the new open ditch.
- 3. Culverts and Crossings
 - A. The installation of two, 30-foot wide ditch crossings, per HCSO Detail C-2, as follows:
 - i. 60-LF of 54" CMP at Station 37+11 of the Flora Mendenhall Arm on Parcel 01-05-01-00-00-029.000.
 - ii. 60-LF of 60" CMP at Station 54+18 of the Flora Mendenhall Arm on Parcel 01-05-01-00-00-024.000.
 - B. The installation of 80-feet of 54" CMP under 226th Street at Station 26+88 of the Flora Mendenhall Arm.
 - C. The installation of 60-feet of 48" CMP under Dunbar Road at Station 3+24 of Arm 2 of the Flora Mendenhall Arm.
- 4. The cost estimate includes the installation of 4 surface water pipes with animal guard per HCSO Details OD-8 and O-2. The final number installed shall be determined during construction.
- 5. The cost estimate includes the installation of 8 tile outlets with animal guards per HCSO Details O-1 and O-2. These will be installed on an "as-needed" basis.
- 6. The project will also include clearing of the easement area, removal of existing pavement, culverts, breathers; installation of rip-rap stabilization at various locations and at culvert crossings; short lengths of grass waterway with rock chutes where concentrated surface flow will enter the new open ditch; temporary erosion control; seeding for a 20-foot filter strip as noted in the Filter Strip section of this report; seeding and other stabilization of disturbed soil areas; maintenance of traffic; pavement repair; special backfill; adjusting the slope of the roadway embankment for future access of ditch maintenance equipment; and other ancillary construction.
- 7. The soil excavated with the project will be placed within the adjacent regulated drain easement.

Permits

Staff of the Surveyor's Office or the Contractor will obtain construction entrance and road closure approvals from the Hamilton County Highway Department.

Permits from the US Army Corps of Engineers, Indiana Department of Natural Resources, and Indiana Department of Environmental Management are not required for this project.

Construction Cost

The Flora Mendenhall Arm of the William Baker Drain reconstruction project was approved for letting at the January 10, 2022 meeting of the Drainage Board (Hamilton County Drainage Board Meeting Minutes, Book 20, Page 265).

One addendum was issued. The addendum issued the most current Common Construction Wage Rate determination prior to receiving bids.

At the Drainage Board meeting on January 24, 2022, one bid was from White Construction in the amount of \$637,000. (Hamilton County Drainage Board Meeting Minutes, Book 20, Page 293).

From the White Construction bid, the construction cost of the project is estimated to be \$637,000.00.

The bids may be held for a period of 120-days from January 24, 2022. Therefore, the bid will expire on May 24, 2022.

A detailed cost of construction is outlined below.

Flora Mendenhall Construction Costs					
Line Item	Item Description	Quantity	Unit	Unit Cost	Total Cost
A1	Clearing	Acre	0.25	\$36,000.00	\$ 9,000.00
A2	Regulated Drain Tile Removal	LF	2,469	\$ 5.75	\$ 14,196.75
A3	Construction Entrance	EA	4	\$ 2,250.00	\$ 9,000.00
A4	Open Ditch Excavation	LF	4,962	\$ 45.00	\$ 223,290.00
A5	Roadway Embankment	LS	1	\$25,000.00	\$ 25,000.00
A6	Grass Waterway/Surface Swale	LF	321	\$ 12.25	\$ 3,932.25
A7	Farm Crossing [12", #2 Stone]	Tons	225	\$ 45.00	\$ 10,125.00
A8	Surface Water Pipes with Animal Guard and CMP End Section	LF	303	\$ 100.00	\$ 30,300.00
A9	Tile Drain Extension with Animal Guard	EA	8	\$ 2,000.00	\$ 16,000.00
A10	15" HDPE Pipe with Fittings and Animal Guard [Regulated Drain Outlet]	LF	51	\$ 100.00	\$ 5,100.00
A11	12" HDPE Pipe with Fittings and Animal Guard [Regulated Drain Outlet]	LF	15	\$ 150.00	\$ 2,250.00
A12	54" CMP with Granular Backfill	LF	60	\$ 500.00	\$ 30,000.00
A13	60" CMP with Granular Backfill	LF	60	\$ 550.00	\$ 33,000.00
A14	Reno Mattress/Rock Chute	Tons	400	\$ 140.00	\$ 56,000.00
A15	Rip Rap	Tons	468	\$ 55.00	\$ 25,740.00
A16	Tree Fence	LF	1,035	\$ 3.00	\$ 3,105.00
A17	Filter Strip	Acre	4.7	\$ 5,000.00	\$ 23,500.00
A18	Ditch Seeding	Acre	3	\$ 3,000.00	\$ 9,000.00
A19	General Seeding	Acre	0.4	\$10,000.00	\$ 4,000.00
HC1	Pavement Demolition	SF	905	\$ 6.00	\$ 5,430.00
HC2	Existing Culvert Removal	LF	59	\$ 50.00	\$ 2,950.00
HC3	48" CMP with Granular Backfill	LF	60	\$ 325.00	\$ 19,500.00
HC4	54" CMP with Granular Backfill	LF	80	\$ 500.00	\$ 40,000.00
HC5	Maintenance of traffic	LS	1	\$18,481.00	\$ 18,481.00
HC6	Pavement Repair	SF	905	\$ 20.00	\$ 18,100.00
Total Cost					\$ 637,000.00

Easements

The project will take place within existing regulated drain easements and within the public right-of-way of 226th Street and Dunbar Road. No additional easements are required for this project.

The statutory easement over the existing tile of the Flora Mendenhall Arm of the William Baker Drain will be shifted between Station 32+04 and Station 59+17, approximately, to follow the new open ditch. The shifted easement will be 150-feet in width centered on the flowline of the new open ditch.

The statutory easement will be shifted on the following parcels:

Parcel No.:	Owner
01-05-01-00-00-028.000	Waltz, Kelei D
01-05-01-00-00-029.000	Waltz, Kelei D
01-05-01-00-00-024.000	Waltz, Kelei D

The statutory easement over the existing tile of the Arm 2 of the Flora Mendenhall Arm of the William Baker Drain will be extended with the new open ditch from Station 10+00 to 11+26.

The statutory easement will be extended on the following parcels:

Parcel No.:	Owner
01-05-01-00-00-029.000	Waltz, Kelei D

Filter Strips

20-foot filter strips are hereby established on each side of the new open ditch across the following parcels:

Parcel No.:	Owner
01-05-01-00-00-028.000	Waltz, Kelei D
01-05-01-00-00-029.000	Waltz, Kelei D
01-05-01-00-00-024.000	Waltz, Kelei D

Changes to the Drain

The reconstruction of the Flora Mendenhall Arm of the William Baker Drain and the Arm 2 of the Flora Mendenhall Arm of the William Baker Drain will replace the existing tile with an open ditch running roughly parallel to the existing tile. The existing tile of the Flora Mendenhall Arm will be removed between Station 25+90 and Station 69+80. The existing tile of the Arm 2 of the Flora Mendenhall Arm will be removed between Stations 2+73 and 10+00. This will remove 5,117-feet of existing drain.

As part of the Flora Mendenhall Arm, a new 15" tile will be constructed between Station 25+90 and Station 26+41. The new open ditch will begin at Station 26+41 and continue down-stream to Station 68+81. This work is reflected on the Construction Plans as Line "A" between Plan Station 10+49 and Plan Station 53+26. These changes will add 4,291-feet of new drain.

As part of the Arm 2 of the Flora Mendenhall Arm, a new 12" tile will be constructed between Station 2+73 and Station 2+89. The new open ditch will begin at Station 2+89 and continue down-stream to Station 11+26. This work is reflected on the Construction Plans as Line "B" between Plan Station 10+00 and Plan Station 18+40. These changes will add 853-feet of new drain.

With the changes mentioned above, the reconstruction project will have reconstructed 5,144-feet of drain and will have removed or abandoned 5,117-feet of drain. Therefore, the project will add 27-feet of drain to the Flora Mendenhall Arm.

Project Costs

Topographic Survey and Design was preformed by the Hamilton County Surveyor's Office.

Construction staking, periodic grade checks, and as-built drawings will be performed by the Hamilton County Surveyors Office.

The total value of the project is estimated to be as follows:

Construction	\$637,000.00
15% Construction Contingency	\$95,550.00
Total Project Cost	\$732,550.00

Project Funding

The costs for this project will be paid from the sources outlined below.

1. The cost for the new culverts under Dunbar Road and 226th Street shall be paid by the Hamilton County Highway Department per IC 36-9-27-71. The lump sum cost to be charged to the Hamilton County Highway Department is \$120,130.15. This amount includes a base cost of \$104,461.00 (Refer to Line Items HC1 - HC6 of the detailed cost estimate) and a 15% contingency equal to \$15,669.15.
2. The remainder of the project, equal to \$612,419.85 will be funded by the Coronavirus State and Federal Fiscal Recovery Funds of the American Rescue Plan. As of the date of this report, the first round of funds from this program is available. The total amount of the ARPA funds allocated for this project is \$637,000.

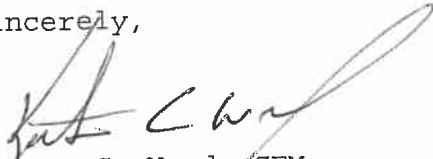
The maintenance fund balance for the William Baker Drain is currently in the red \$33,953.21. The William Baker Drain maintenance fund currently receives \$8,425.94 annually from maintenance assessments.

The final costs to be assessed shall be based on the actual construction contract amounts and any approved change orders.

I believe that no damages will result to landowners by the reconstruction of this drain. Therefore, damages shall be set at \$0.00.

I recommend that a hearing be held for this matter on May 9, 2022.

Sincerely,



Kenton C. Ward, CFM
Hamilton County Surveyor

KCW/pll

FINDINGS AND ORDER

CONCERNING THE PARTIAL VACATION OF THE

William Baker Drain, Flora Mendenhall Arm Reconstruction

**Station 25+90 to Station 69+80
Station 2+73 to Station 10+00 (Arm 2)**

On this **23rd day of May, 2022**, the Hamilton County Drainage Board has held a hearing on the Maintenance Report and Schedule of Assessments of the **William Baker Drain, Flora Mendenhall Arm Reconstruction (Station 25+90 to Station 69+80 and Station 2+73 to Station 10+00 of Arm 2)**.

Evidence has been heard. Objections were presented and considered. The Board then adopted an order of action. The Board now finds that the costs of continued maintenance to the portion of the above drain exceed the benefits to the real estate benefited by the portion of the drain to be abandoned and issues this order vacating the above section of the **William Baker Drain, Flora Mendenhall Arm Reconstruction (Station 25+90 to Station 69+80 and Station 2+73 to Station 10+00 of Arm 2)**.

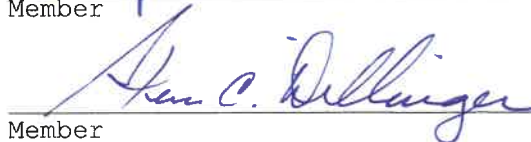
HAMILTON COUNTY DRAINAGE BOARD



President



Member



Member

Attest: 

STATE OF INDIANA)
) ss:
COUNTY OF HAMILTON)

BEFORE THE HAMILTON COUNTY
DRAINAGE BOARD
NOBLESVILLE, INDIANA

IN THE MATTER OF THE
RECONSTRUCTION OF THE
William Baker Drain, Flora Mendenhall Arm Reconstruction

FINDINGS AND ORDER FOR RECONSTRUCTION

The matter of the proposed Reconstruction of the **William Baker Drain, Flora Mendenhall Arm Reconstruction** came before the Hamilton County Drainage Board for hearing **on May 23, 2022**, 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 **William Baker Drain, Flora Mendenhall Arm 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:

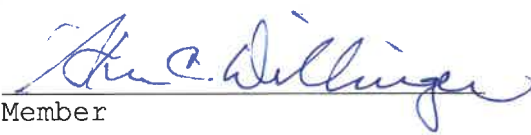
HAMILTON COUNTY DRAINAGE BOARD



PRESIDENT



Member



Member

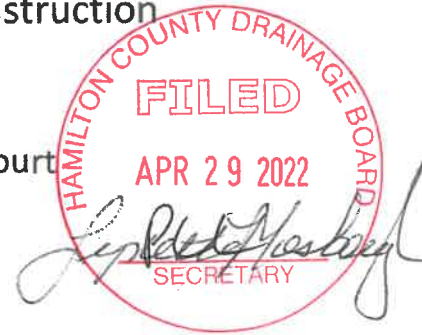
ATTEST:



FLORA MENDENHALL DRAIN RECONSTRUCTION

Property Owner	Parcel Number	Acres Benefited	% of Acres
Waltz, Kelei D.	01-05-01-00-00-012.000	5.24	1.30%
	01-05-01-00-00-024.000	28.23	7.01%
	01-05-01-00-00-027.000	19	4.72%
	01-05-01-00-00-028.000	16.18	4.02%
	01-05-01-00-00-029.000	44.53	11.07%
	01-05-01-00-00-029.001	8.12	2.08%
	01-05-01-00-00-032.000	27.75	6.90%
Ganzel, Candice J	01-05-01-00-00-028.001	1.17	0.29%
TOTALS		150.22	37.39%

William Baker Drain & Flora Mendenhall Arm Reconstruction



To: Hamilton County Drainage Board & County Commissioner's Court

From: Formerly known as Kelei Waltz, Kelei Baker Leak

This is my registered objection.

I want to be clear that while there was an existing agricultural drain with some easement rights, I do not think it was all 7.8 acres. This ditch was agricultural & underground. Since I am still farming this land, I am asking that the drain be buried, as it has been. This land was & is being farmed. This is a terrible inconvenience to my Farming operations with navigation around this project with too few over passes. This project is being done for 400 landowners. I should be compensated for the increased acreage taken and what it is doing to my land values. Please let those who need to know what my requests are.

1. Bury the drain so that I can continue to farm my ground. I understand that there will be easement rights for maintenance.
2. I deserve just compensation for the 7.9 additional acres being taken.
3. This project is cutting my farm in half. This would be better handled as a buried drain.

I know this drain has needed to be reworked for a long time and I agreed with that but not to have my farm cut in half and donate 7.8 acres to the cause. I did not have all the pertinent information such as acreage being taken before hand.

I have copies of all the emails sent for review.

Sincerely, Kelei Baker Leak (formerly known as Kelei Waltz)

Kelei Baker Leak (Kelei Waltz)

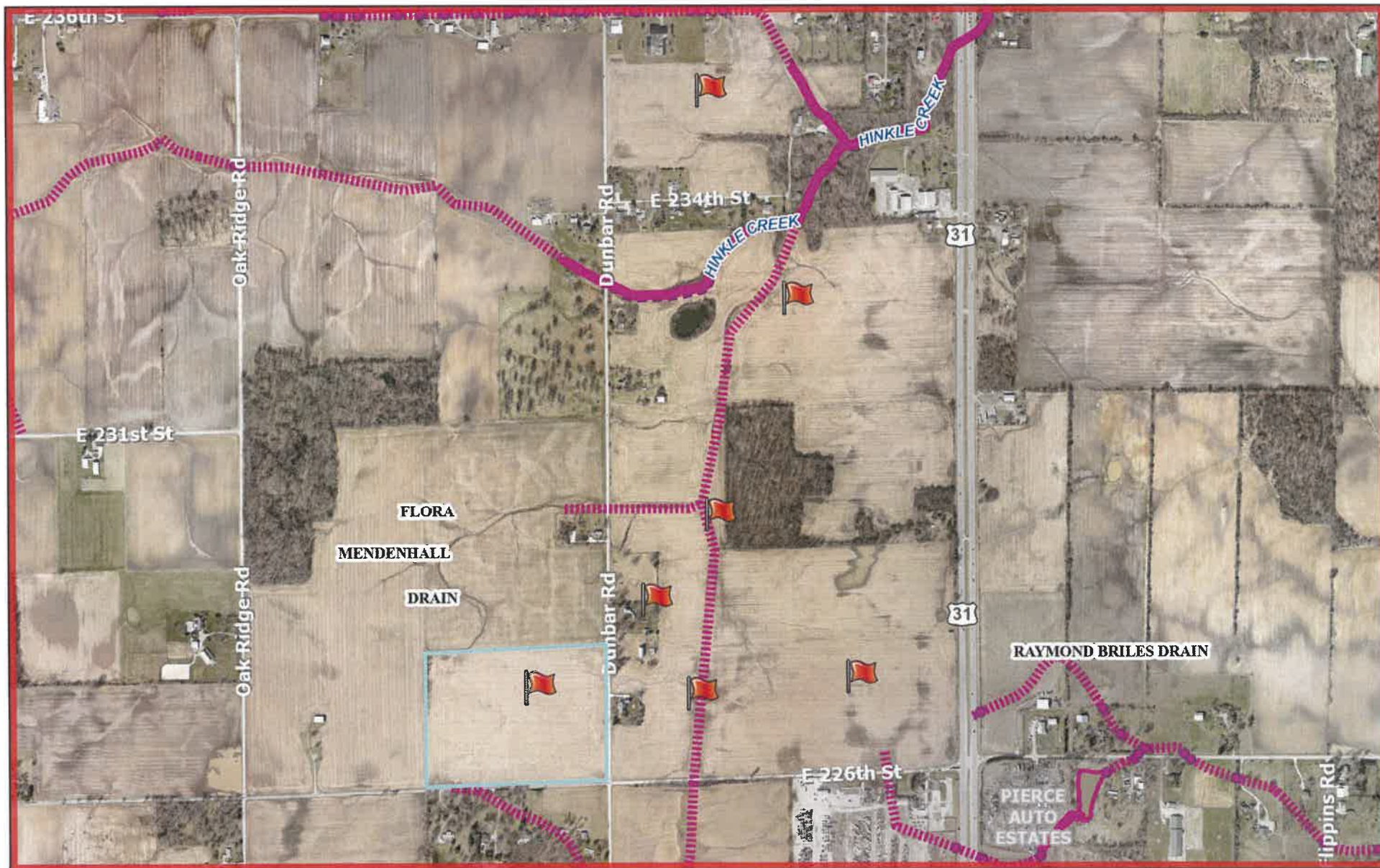
My address is: 2398 East 236th Street Cicero, IN 46034

Phone: 317-695-0083

Copies of Emails:

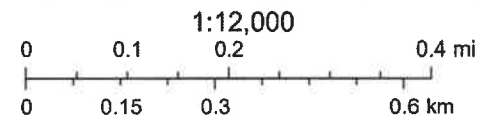
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01-05-01-00-00-032.000

Flora Mendenhall Drain_Waltz-Leak Objection



May 4, 2022

- | | | | | | |
|--|--------------------------------|---|------------------|--|----------------------|
|  | Regulated Drains Drainage Pool |  | Regulated Drains |  | Drain Name |
|  | Regulated Drains Waterways |  | CLOSED DRAIN |  | Drainage Structures |
|  | Filter Strip |  | OPEN DRAIN |  | All Other Structures |

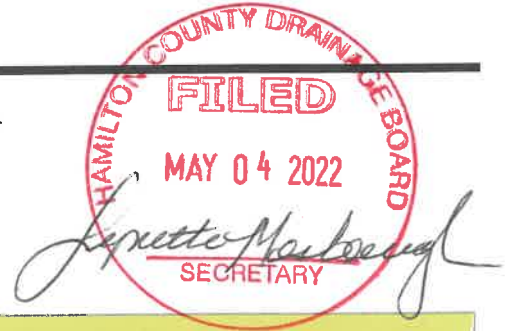


Author: Hamilton County

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Surveyor

From: Candy Ganzel <candyganzel2004@yahoo.com>
Sent: Wednesday, May 4, 2022 10:00 AM
To: Surveyor
Subject: William Baker Drain, Flora Mendenhall Arm



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.

To Whom It May Concern,

I am writing in objection to the open William Baker Drain, Flora Mendenhall Arm. I am very happy that you are fixing the drain. I do have a strong objection to the fact that it will be an open drain. I am requesting that this be a closed/covered drain. An open-drain will be within a few feet of our property will cause nothing but problems.

1. Open water attracts unwanted animals
2. Open water sitting breeds mosquitoes, houseflies, snails....
3. Open drain is a danger to animals and to humans (especially small children)
4. They provide breeding sites for disease vectors and parasites
5. Open drains create air pollution by their foul-smell and that is not what I want to smell in my backyard
6. I have a well that I drink out of daily and do not want the standing water to become contaminated and to leach into my well

I am asking the drainage board to reconsider and to make this a closed drain for the health, welfare, and safety of all involved.

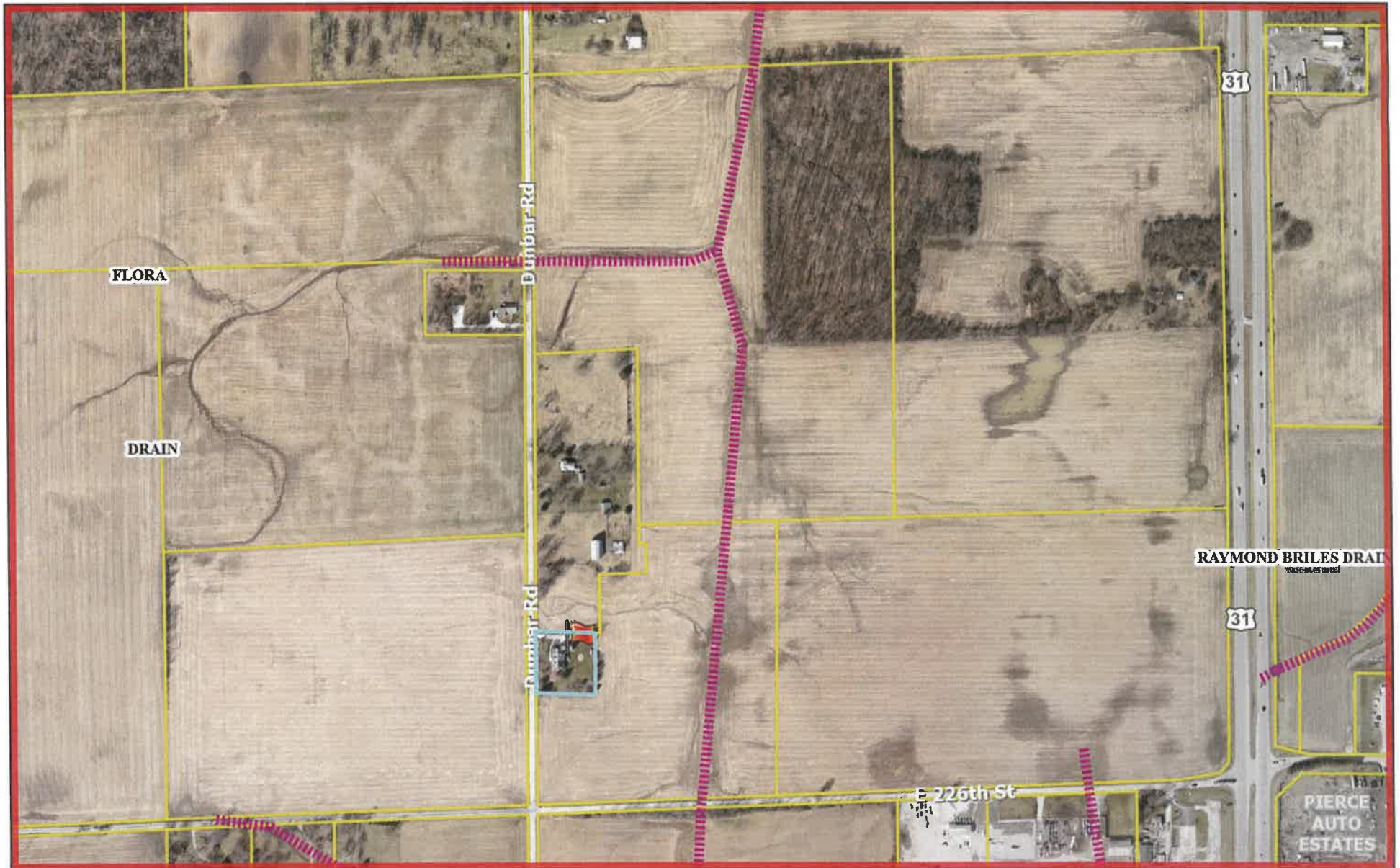
Candice Ganzel

Ganzel, Candice J Trustee Caandice J Ganzel Rev Trust
22711 Dunbar Road
Sheridan, IN 46069

317-753-7250

01-05-01-00-00-028.001

Flora Mendenhall Reconstruction_Ganzel Objection



May 4, 2022

Regulated Drains

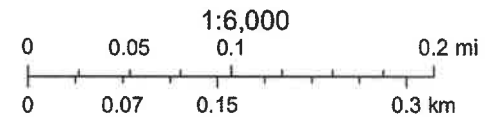
Drainage Structures

■■■■■■■ CLOSED DRAIN

● All Other Structures

Drain Name

▭ Parcels



Author: Hamilton County

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BEFORE THE HAMILTON COUNTY DRAINAGE BOARD
IN THE MATTER OF

William Baker Drain, Flora Mendenhall Arm 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 **William Baker Drain, Flora Mendenhall Arm Reconstruction** on **May 9, 2022** at **12:00 P.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

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ONE TIME ONLY

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

**IN THE MATTER OF William Baker Drain, Flora Mendenhall Arm
Reconstruction**

NOTICE

Notice is hereby given that the Hamilton County Drainage Board at its regular meeting **May 23, 2022** 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: Christine Altman
PRESIDENT

ATTEST: Lynette Mosbaugh
SECRETARY

JOINT AGREEMENT TO TERMINATE DRAIN RECONSTRUCTION CONTRACT

This Joint Agreement to Terminate Drain Reconstruction Contract, dated as of this 12th day of June, 2023, between the Hamilton County Drainage Board ("the Board"), and White Construction, LLC, ("the Contractor").

WHEREAS, the Board and the Contractor entered into a Drain Reconstruction Contract on May 23, 2022; and,

WHEREAS, the Board has determined that it is not in position to move forward with the reconstruction at this time; and,

WHEREAS, the Contractor is willing to terminate the Drain Reconstruction Contract.

IT IS THEREBY AGREED as follows:

1. The Drain Reconstruction Contract by and between the Hamilton County Drainage Board and White Construction, LLC, dated as of May 23, 2022, is terminated by mutual agreement; and,
2. All bonds of the Contractor posted pursuant to the May 23, 2022, Contract, shall be released and returned to the Contractor.

HAMILTON COUNTY DRAINAGE BOARD

Mark E. Heirbrandt
Mark E. Heirbrandt

Steven C. Dillinger
Steven C. Dillinger

Christine Altman
Christine Altman

ATTEST:

Lynette Mosbaugh
~~Robin Mills, Auditor~~
Lynette Mosbaugh
Executive Secretary

WHITE CONSTRUCTION, LLC

By: *Matt Schauf*

Printed: Matt Schauf

Title: Senior Estimator

Goodwin stated okay, so now this 18" thing collapses, my perimeter drain on my septic system is now not doing its job, what happens?

The Surveyor stated if it collapses, I'm sorry to say it is on you.

Goodwin stated an 18" pipe is now my responsibility that was not until you came through my property. Is that right?

The Surveyor stated we've done it for years throughout the county.

Goodwin stated but does that make it right that you're throwing a huge expense; I know about where it comes through so I've either got to bypass it with that, I've got to find all my field tile and reconnect it and I think you had an issue a while back where you jumped on somebody for trying to do work inside the main, inside the easement on their own field tile. Do I now have to get a variance to work on pipe that used to connect to an 18" and now has to be moved?

The Surveyor stated no, not if you're replacing it or repairing it. This was a new tile that you're talking about that happened to.

Heirbrandt asked Howard, do you have any thoughts?

Howard stated when we reconstruct and put a new tile in from a pragmatic standpoint where you put that new one in there's old field tile and old things everywhere and if we find them and they're in our easement we connect them. We can't survey the whole township or even the whole section. If we've got it connecting into a good outlet that is at least equal to, but probably better than the previous condition, but just because we connect into it wouldn't give us a duty to go clear up the line and fix it. Once it's not part of our system anymore it's theirs. Your field tile has probably been there 100 years.

Goodwin stated at least. I don't know exactly.

Howard stated that doesn't give us an affirmative duty to go up and replace everything in the area.

Heirbrandt stated temporarily, right now, if Liston could continue to give us updates on this property and some of the things, we're able to get done so we can get this issue resolved.

Liston stated we haven't done any inspections. We were just told on Friday morning that the contractor had pretty much buttoned up the project. We'll do a walkthrough with an inspection and put together a list of items that need to be addressed and send those to the contractor and have them addressed.

Howard stated I think the important thing is at least the drain to go around is septic if we can look for those. If your field tile gets busted and doesn't hook in you've got mud, if your perimeter drain around septic doesn't...

Goodwin stated I was there 30 years when it was built. I remember they took it in, they put it into the old 18" and I actually went out and took a couple coat hangers and wrenched for it and found the line and laid flags down for them to where it went through and showed the guy and said could this be connected and then they went right on past and just took 18" in. So, I've got a perimeter drain going into an 18" that's being abandoned that goes into the new. I'm concerned if my perimeter drain; if between where my perimeter drain connects in and where it connects to the new pipe, that collapses, what do I do?

Heirbrandt stated we'll have Liston give us updates on this, but I appreciate you bringing this to our attention and coming in today to speak briefly about it. We're already fifteen minutes late for our next meeting. Liston will give us updates at every meeting until we get this resolved.

Goodwin asked does that include the punch list items too?

Drainage Board Attorney - Pending Items:

Flora Mendenhall Drain Reconstruction (Termination of Contract) - Howard stated we had a contract, a project bid last year with White Construction. For some reason unknown to me that contract has been terminated and you asked me to prepare for your signature and for White Construction's a real short joint agreement to terminate the drain reconstruction contract before you for approval.

Altman made the motion to terminate the contract with White Construction for the Flora Mendenhall Drain Reconstruction, seconded by Dillinger and approved unanimously.