

DEKALB COUNTY DRAINAGE BOARD MEETING

April 1, 2021

Drainage Commissioners Present:

Chairman, Randall J. Deetz
William L. Hartman, Member
Michael V. Watson, Member
Bruce Bell II, Member

Others Present:

First Deputy Surveyor Nathan Frye
Drainage Board Admin. Asst. Michelle Lassiter
Attorney Shannon Kruse

Guests:

None

Absent:

Surveyor Michael C. Kline
Vice Chairman Michael E. Krehl

Chairman Randall J. Deetz called the regular meeting of the DeKalb County Drainage Board to order at 8:30 a.m.

APPROVAL OF MINUTES

A motion was made by Bruce Bell II to approve the Minutes of March 25, 2021 as the standard minutes of the DeKalb County Drainage Board. The motion was seconded by Bill Hartman. Chairman Deetz asked for a voice vote, motion was approved with all members voting in the affirmative.

VARIANCES

Mr. Deetz stated there were two Variances that were before the Board for approval. The Variances were the product of requests presented at the March 25, 2021 meeting by Andy Jagoda for property located at 2002 County Road 35, Waterloo, and Brandon Porter on behalf of Sierra Porter for property located at 5856 County Road 427, Auburn.

Bill Hartman moved to approve and sign the Variance for F. Andrew Jagoda and Melissa S. York for property located at 2002 County Road 35, Waterloo, for a residential structure to be located no closer than 55 feet to the Lewis Dibbling Drain 74-00-0. Mike Watson second the motion. The motion carried unanimously by a voice vote of members present.

Mike Watson moved to approve and sign the Variance for Sierra Porter for property located at 5856 County Road 427, Auburn for a fence to be located over the top of the Phillip Grube Drain 283-00-0. Bruce Bell II seconded the motion. The motion carried unanimously by a voice vote of the members present.

Administrative Assistant Michelle Lassiter has contacted the land owners to have them come in to sign the Variance Agreements and have those recorded.

Mr. Frye stated he had gone out to 5856 County Road 427, measured the invert and estimated the drain to be approximately 4 feet deep. The Commissioners asked Mr. Frye to go forward with having the drain located so the Board and Surveyor's Office were certain as to where it is located.

SURVEYOR'S REPORT

Mr. Deetz asked for the Surveyor's Report and Nathan presented the following:

- *Fritz Bartels Drain 408-00-0:*
 - Information: The drain was established in 1892 and is not on Maintenance, has never collected assessments, and currently has a balance of \$-172.50. The drain is approximately 1,776 feet of 15 inch HDPE DW pipe. The watershed for the drain is 68.93 acres, with 68.4% agriculturally used, 24.1% residentially used, 5.0% commercially used, and 2.4% road right-of-way. Total estimated reconstruction cost would be +10% is \$59,929.25.
 - ❖ Soil Types: BaB2 – Blount silt loam, 1 to 4 percent of slopes are eroded.
 - ❖ HaA - Haskins
 - ❖ Pe – Pewamo silty clay
 - ❖ Wetlands: PEM1A – Palustrine Emergent Persistent Temporary Flooded
 - PSS1/EM1C – Palustrine Scrub-Shrub Broad-Leaved Deciduous/Emergent Persistent Seasonally Flooded
 - PFO1C – Palustrine Forested Broad-Leaved Deciduous Seasonally Flooded
 - Problems: There is flooding at the County Road 68/County Road 31 intersection. The tile currently runs under the bard at 3266 County Road 68, and approximately 15 feet from a detached garage at 3238 County Road 68. The tile currently outlets into a section that was dug open from the previous tile.
 - Recommendations:
 - ❖ Reroute the tile to be outside of 75 feet of the existing buildings, laying new HDPE tile to replace broken and non-functional current tile, replace culvert between Freeman and Souder property, set grade on open ditch, and add catch basin structures on either side of County Road 68. The deeper/wider open ditch with the rip rap pad would work as a storm retention pond, with a slower release rate to eliminate the flooding issues. The ditch would be a two stage ditch.
 - ❖ In addition, during public hearing set the drain up for annual maintenance assessments with 2 acres as a minimum and base rates of \$20.00 per acre for agriculturally used land, \$40.00 per acre for residentially used land, and \$60.00 per acre for commercially used land.

Mr. Frye further explained that the design for the reconstruction would have an outlet with a rip rap pad on the property line of Stanley Freeman and Dr. Mark Souder's properties. Mr. Frye stated that Dr. Souder's property due to the location of drains and direction of water flow was taken out of the Fritz Bartels watershed, but remained as part of the Hilkey Carnahan Lateral 4 Drain 12-04-0 watershed.

The following information came out of the discussion following Mr. Frye's presentation:

- The two acre minimum and base rates of \$20.00 per acre for agriculturally used land, \$40.00 per acre for residentially used land, and \$60.00 per acre for commercially used land are reasonable.
 - The 1964/1965 State Drainage Code created the Drainage Board to oversee County Regulated Drains. Prior to that Code the Courts decided when to accept/create a County Regulated Drain in a hearing forum.
 - Highway Department would be charged an estimated special assessment of \$16,236.25 for two manholes and to upsize the tile from 12 inch to 15 inch to serve the County Road 68/County Road 31 intersection and relieve the flooding issues. The inlet for the manholes would be 30 inches and concrete. Due to cost effectiveness 3 foot x 4 foot rectangular structures would be preferred.
 - The Board requested that Mr. Frye meet with Mr. Freeman to show him the design, along with a mocked up map. If Mr. Freeman is accepting of the design, then Mr. Frye was to meet with Dr. Souder and have him sign a consent for the outlet to be on the property line to add additional protection to the reconstruction project.
 - The drain design would abandon a loop on the Seiler Farms property that had been petitioned for reconstruction, making it a private tile with a tie-in into the newly reconstruction drain.
 - The AEP substation on County Road 68 created a good portion of the flooding issues at the County Road 68/County Road 31 intersection, as AEP ran a tile down County Road 68, under County Road 31, to dump into a low spot on the northeast corner of the intersection.
 - Mr. Frye referenced the Shatto Ditch in Tippecanoe County, by Lafayette, Indiana, recommending the Board members research the topic.
- *C. B. Kagey Drain 225-00-0*: Reconstruction for this drain would cost approximately \$140,000.00. The landowners petitioning for the reconstruction were willing to pay \$70,000.00. Mr. Frye was asked to reach out to the landowners to see if they are still interested in signing a Consent and Waiver for the project or if they would prefer for the project to be moved through the public hearing process.
 - *Guy Platter Drain 112-00-0*: Mr. Frye stated he had not heard anything additional from the contractor since last week, when the contractor had stated the 24 inch tile was going to be moved from the Krehl property to the work site. The tile had not been moved as of Monday when the field inspectors were onsite. The 18 inch tile was slated to arrive onsite Monday or Tuesday. The field inspectors were to verify the status of the tile today.
 - *Frederick Groscup, Jr. Drain 335-00-0*: Mr. Frye stated he had met with the Director of City of Auburn Engineering Department and was waiting for a meeting with the City of Auburn Mayor.

- *William Bickel Drain 133-00-0*: Mr. Frye spoke with Nobel County Surveyor Randy Sexton. Mr. Frye will be sending the details and profiles for the drain's proposed route changes to Mr. Sexton. Once Mr. Sexton signs off on them, then a meeting date will be determined.
- *George Matson Lateral 11 Drain 73-11-0*: Mr. Frye stated Troy Bungard was drawing the watershed for the project. Once he completed the drawing, then Mr. Frye would be able to determine the size of tile size and would have the profiles drawn. Rory Walker would still like to see this drain reconstructed.
- *Paul Funk Drain 3-00-0*: The Surveyor's Office met with Tom Miller onsite, along with a TransCanada Pipeline Representative on Monday. They located the pipeline on the west side of the open ditch. Troy Bungard was drawing the profiles of the pipeline to determine if the crossing proposed was feasible.
- Mr. Frye spoke with Surveyor Mike Kline on Tuesday. Mr. Kline reminded Mr. Frye that the *Levi O. Dennison Drain 317-00-0* and the *Ora E. Bohler Drain 54-00-0* both are in need of reconstruction. Mr. Frye stated that once he has the previously mentioned projects through the design and hearing/Consent and Waiver processes, then he will be bringing these two projects to the Drainage Board for processing.

Mr. Hartman stated that there was an instance on page three of the March 25, 2021 meeting minutes that would need to be changed to "fence".

Ms. Kruse reminded the Board that Mr. Deetz would not be in attendance at the April 8, 2012 meeting and she would not be in attendance at the April 28, 2021 meeting.

There being no further business, meeting adjourned at 9:39 a.m.

Randall J. Deetz, Chairman

Michelle Lassiter, Administrative Assistant