

DANE COUNTY DRAINAGE BOARD MEETING
July 18, 2019

Location: Bristol Town Hall, 7747 County Highway N, Sun Prairie, WI 53590

Drainage Board Members Present: Scott Ringelstetter, Leonard Massie, Paul Maly

Others Present: Elizabeth Spencer (Board Attorney), Bob Pofahl (REA Engineering Associates, Inc.), and Wayne Wollin

District Members present:

District No.4: Frederick Porter, Grant Gullickson, Dennis Laufenberg, Annie Tremaine, Doug and Delano Tjugum, Brett Renk, Tom Kesselhon, and Cory Kvalo

District No. 16: Doug Wileman

District No. 21: Gary Paulman

Meeting called to order at 6:30 PM by Chairman Scott Ringelstetter.

District 16

Discussion of work to be performed on Wileman/Anderson Lands

- Doug Wileman is present. Anderson not present but previously submitted a letter.
- Anderson letter opposing work to be performed is discussed.
- Massie asks whether Anderson has soybeans planted.
 - D. Wileman explains that nothing has been planted, the status of the ditch, discussions with DNR regarding wetland, and that a permit is not needed if only maintenance is being performed.
 - D. Wileman states that a dual wall to support heavy equipment will be put in and it will be bedded with pea gravel.
- Massie inquires regarding timeframe.
 - D. Wileman will proceed as soon as possible. Rain has been an issue and the contractor is on vacation for 10 days.
 - There is a fence that is not used, it will be moved and put back.
- Contract
 - Massie states that the contract terms were already approved.
 - S. Ringelstetter and D. Wileman execute the contract.
 - Attorney Spencer will mail a copy of contract to D. Wileman.
- Notice
 - Massie requests notification when pipe is being put in. D. Wileman agrees to provide notice.

District 4

Presentation by Bob Pofahl regarding REA Report

- B. Pofahl presents overview of alternative new tile main line, watershed and laterals.

- Report and Appendices Highlights include the topographic information, soils being heavy silty soil, outlet information, and current capacity of system vs. what it should be.
- The current capacity and velocity is 6 times too little in the existing system.
- B. Pofahl address 3 Options Proposed in Report
 - Split Main (North/South)
 - There would be 600 acre and 1,000 acres in the drainage area respectively. At best ¼ to 3/8 drainage coefficient. However, realistically this is not really an option because the District needs more capacity than it can produce.
 - New Main Following the current alignment
 - This would involve putting in a 48 in. pipe that would narrow down ultimately to 10 inches and would require 2-2.5 minimum cover. This would require the extension of pipe 1,000 ft. downstream to get the necessary grade but these areas are not in the district.
 - Open Ditch
 - This would follow a similar alignment but also track the road line to keep the ditches out of the fields. The ditch would need to be at least 5 ft. deep for a 2.3-3/4 flow rate. This would also require working with the town to see if the District can go into their right away.
- Costs of New Main and Open Ditch
 - New Main: \$1,530,500
 - Additional \$344,250 to fix the laterals.
 - Open Ditch: \$701,000
 - Additional \$344,250 to fix the laterals.
 - Significant contingency here due to unknown issue with how to handle the excess soil. Also, issues with how much land it will take from property owners who will likely want to be compensated. Approximately 10 acres would be needed from land owners.
 - Costs were determined from estimate books. R. Pofahl believes estimates are on the high side.
- B. Pofahl may be able to create a hybrid of the options presented that would include enclosed pipe and an open channel.
- B. Pofahl reviews the profiles provided in the appendices to the report.

Comments by Leonard Massie regarding Replacement

- Massie reviews potential of a hybrid option of combining pipe and open ditch. This may make the land more usable and keep the costs down. Using map Massie shows potentially where pipe and ditch will switch over.

Public Comments and Discussion with District Members regarding Replacement

- Delano Tjugum asks how many additional culverts would be needed and how wide would the ditch be.
 - B. Pofahl states there would be additional 3 culverts.
- Delano Tjugum asks about field access.

- B. Pofahl states that REA engineer Dan Wierzba did not include field road crossings in the report but that it will need to be put in.
 - Delano is opposed to the ditch option.
- D. Laufenberg opposes ditch based on the estimated costs given the amount of area that is actually wet. He believes that there should be new costs assessments performed. Also concerned about runoff from subdivisions and their financial contribution.
 - B. Pofahl states that the report did include everything in the watershed.
- G. Paulman asks how long will it take for the new system to be effective.
 - P. Maly estimates that it will work partially in year one and be up to 100% by years two and three.
 - G. Paulman asks where will the tile empty into at the end of the district
 - P. Maly states that it enters the Rauls property.
- Delano Tjugum asks if a permit or easement is needed for the emptying of the ditch/main.
 - L. Massie states that what happens outside the borders of the district is not under the jurisdiction of the Board. When the water exits the ditch it becomes another entity's problem.
 - B. Pofahl states that REA could look into where things flow. The problem here is that there is not enough capacity in the fields right now to get to the end of the district.
- Massie states the District members must tell the Board how they would like it to act in response to the options presented by REA. The Board does not want to spend money on additional analysis by REA for areas outside the district.
- P. Maly states that the 1800 acres here based on the options equal approximately \$833/acre.
 - D. Laufenberg states that only approximately 100 acres will be helped. It appears that they will be spending too much money for nothing based on the percentage that he must contribute. The REA study was beneficial as at least the district members now know the costs.
- Massie states that the age of the pipe here is a concern. Potentially they could use small pipe. The legislature is unlikely to help and it would take years for helpful legislation to pass.
- P. Maly reminds all that there is always the option to dissolve the district if they find it unhelpful.
 - B. Renk states that with the District the members are better off.
- A. Tremaine asks the Board how successful are they at receiving payments from the homes in the subdivisions?
 - Massie states that if they do not pay, it goes on the tax rolls. Getting homeowners to pay is a big issue.
- G. Paulman asks whether people are required to be in the District.
 - Massie explains the history and that those who had prior to 1985 can continue to improve their pipe without being a part of a district.
- Delano Tjugum states that before anything is done, Bryan Rauls should have a say as he owns a large portion of the land.
- Massie presents options on how the Board should proceed including having a mail vote, vote on basis of percent owned, or a hearing.

- Members would like to vote based on percent ownership and want everyone notified by mail of next meeting.
- B. Renk states that the REA plan is wildly oversized for the district goals.
- D. Laufenberg states that the Ag owners cannot get ahead due to the subdivisions.
 - P. Maly states that the town says that the detention ponds are up to code.
- F. Porter states that we are no further ahead than we were before this meeting. The meetings happened and nothing is decided. He recommends going through with one of the options to improve the district.

Action going forward

- E. Spencer will provide REA Report to district members who provided their email to her. She will see if it can also be posted on the District website. A copy of the report and related maps will be left with the town clerk.
- Massie proposes that a meeting be held one month from now after everyone has had an opportunity to digest the report so that the members can be fully informed before deciding what action to take.

P. Maly moves to adjourn meeting. Massie seconds.

Meeting adjourned at 9:15 pm.