

**VANDEBURGH COUNTY
DRAINAGE BOARD
March 2, 2021**

The Vanderburgh County Drainage Board met in session this 2nd day of March, 2021 at 3:36 p.m. in Exhibit Hall A of the Old National Events Plaza with President Cheryl Musgrave presiding.

Call to Order

President Musgrave: I would like to call to order the Vanderburgh County Drainage Board for March 2, 2021.

Permission to Open 2021 Ditch Maintenance Bids

President Musgrave: And, is there a motion to open the bids?

Commissioner Shoulders: I will motion to open the bids for drainage.

President Musgrave: Is there a second?

Commissioner Hatfield: Second.

President Musgrave: Madelyn, would you please call the roll?

Madelyn Grayson: Commissioner Shoulders?

Commissioner Shoulders: Yes.

Madelyn Grayson: Commissioner Hatfield?

Commissioner Hatfield: Yes.

Madelyn Grayson: President Musgrave?

President Musgrave: Yes.

(Motion approved 3-0)

President Musgrave: And the bids will now begin to be opened.

Recessing of the Drainage Board Meeting
--

President Musgrave: May I have a motion to recess this meeting, so that we can go back to the road hearing, and then we'll reconvene.

Commissioner Shoulders: Yeah, so moved.

Commissioner Hatfield: Second.

President Musgrave: Alright, just a voice vote. All those in favor say aye.

All Commissioners: Aye.

(Motion approved 3-0)

President Musgrave: And we are in recess.

Commissioner Hatfield: Alright, but to be clear, we're going to have a road hearing, and then we're going to have Drainage Board, right?

Commissioner Shoulders: Yes.

President Musgrave: Correct.

Commissioner Shoulders: We just had to open the bids for drainage, yes. Thank you.

(The meeting was recessed at 3:37 p.m.)

Reconvening of the Drainage Board Meeting

(The meeting was reconvened at 4:13 p.m.)

President Musgrave: Okay, we are resuming the Drainage Board of March 2, 2021.

Pledge of Allegiance

President Musgrave: If you would all please join me in the Pledge of Allegiance.

(The Pledge of Allegiance was given.)

Approval of the February 2, 2021 Drainage Board Meeting Minutes

President Musgrave: A motion to approve the minutes of the previous meeting?

Commissioner Shoulders: So moved.

President Musgrave: Is there a second?

Commissioner Hatfield: Second.

President Musgrave: We have a second. All, Madelyn, would you please call the roll?

Madelyn Grayson: Commissioner Shoulders?

Commissioner Shoulders: Yes.

Madelyn Grayson: Commissioner Hatfield?

Commissioner Hatfield: Yes.

Madelyn Grayson: President Musgrave?

President Musgrave: Yes. That motion carries.

(Motion approved 3-0)

Westridge Commons: Preliminary Drainage Plan

President Musgrave: We, are we ready to, oh, we have the opening.

Linda Freeman: He's still compiling.

President Musgrave: Okay, we have already done number four, so we move to five, Westridge Commons, the preliminary drainage plan.

Linda Freeman: Yes, Ma'am. Cash Waggner and Associates, excuse me, submitted to the County Surveyor's Office a drainage plan for preliminary approval for a new Jagoe Homes subdivision on the west side of Evansville. It's on Strueh-Hendricks Road, across from McDowell Road and Willow Creek Drive, Perry Township. And, the preliminary plan has been reviewed by our office and it has been found to be, to provide sufficient information for preliminary approval. We would recommend preliminary approval of the plan to the Board. Glen Meritt is here from Cash Waggner if you have any questions.

President Musgrave: I would like Mr. Meritt to come to the podium please. Commissioner Hatfield, I understand that you have some questions for Mr. Meritt.

Commissioner Hatfield: I do.

President Musgrave: Okay.

Glen Meritt: Glen Meritt with Cash Waggoner and Associates, engineer on the project.

Commissioner Hatfield: Hey, Glen. How are you doing?

Glen Meritt: I'm doing good.

Commissioner Hatfield: Good. Hey, I've received quite a few phone calls and emails regarding this proposal.

Glen Meritt: Okay.

Commissioner Hatfield: And, I want to zone in on what is germane to this Board, of drainage only.

Glen Meritt: Okay.

Commissioner Hatfield: You know, currently your plan, according to the Surveyor, complies with our current ordinances on the ten-year and 25-year storm events.

Glen Meritt: Sure.

Commissioner Hatfield: Is it your belief that that is adequate? Not, we understand that it meets code.

Glen Meritt: Sure.

Commissioner Hatfield: But, how do you feel about it outside of that?

Glen Meritt: I mean, per my calculations that I've turned in, I mean, we're going above and beyond the releasing at the ten-year undeveloped rate for the 25-year developed storm. I mean, the undeveloped calculations for the ten-year storm that are running off of that existing farm field are about 52-53 cubic feet per second, and we needed some excess dirt to balance the site, so our basins have been enlarged. I mean, we have three basins on this project, and between the three basins we're only releasing about seven cfs for the entire site now. So, we're holding back 43-44 cubic feet per second that we could release additional water to that ditch, and we're holding back. I mean, I feel we're holding back a tremendous amount of water from this project. I mean, there is floodplain on it, but that ground will be elevated, you know, to build the houses. The basins are still going to be down in that lower area, but they will be above the base flood elevation, the 100-year, and, like I said, we're holding back a significant amount of water. We could have 18"-24" outlet pipes from all three basins, and I think they're all 12". Let me double check that real quick. One of them is a 10", one of them is a 12" and the third one is a 10" as well. So, the largest pipe we've got discharging off of this property is a 12" diameter pipe coming out of one of our detention basins. The other two are tens. So, I feel really good about what we're doing. I mean, I've done a number of these throughout the city and the county, and most of the time when they're all said and done, you know, the drainage has been improved in the area. If you look at just our entrance, there's an 18" culvert coming across from McDowell/Willow Creek area, and there's about a ten-acre watershed, and it just basically dumps out into a sheet flow condition in that agricultural field that's there. I mean, when I went out there two months ago, you know, it was just laying in water, because it has nowhere to go. I mean, that whole area is going to be a detention basin now, and, you know, the only standing water that is going to be there is going to be what's stored in our basins. So, I feel that the drainage is going to be tremendously improved with this development. It's going to hold back a lot of water, and, so, therefore there's going to be less water going to that creek during any storm event that we get out there on that site.

Commissioner Hatfield: So, how does that reconcile with, you know, you add this much impervious surface to this, is it 25 acres?

Glen Meritt: We have to design it for the 25 year, yes, storm.

Commissioner Hatfield: No, I meant there's like, is this like a 25-acre site?

Glen Meritt: 27.

Commissioner Hatfield: 27?

Glen Meritt: 27, plus or minus, yeah, it's in that range.

Commissioner Hatfield: So, we're roughly what, three homes per acre?

Glen Meritt: Usually it ends up being in that range, yes.

Commissioner Hatfield: Yeah, plus streets.

Glen Meritt: Plus, roads, yep.

Commissioner Hatfield: And, then rooftops.

Glen Meritt: Yeah, I mean, that's all factored in.

Commissioner Hatfield: 75 homes, so you have calculated in that. You know, we understand that there is runoff into these creeks in rains less than 10 years.

Glen Meritt: Sure.

Commissioner Hatfield: And, rains over 25 years?

Glen Meritt: Sure.

Commissioner Hatfield: Yeah, and, so, with that, with adding the impervious streets and rooftops to this, you don't believe that that adds more rain water in storms under ten and over 25?

Glen Meritt: I mean, when you look at the maybe under ten-year event, I mean, I think you could possibly see, under normal conditions, if you were maxing out your undeveloped ten-year rate from your basin, like to meet the ordinance and you just barely passed it, then yes, I could see that there would be more water. But, in this case where we're going from fifty something cfs down to seven, I think under any storm condition that we get out there on that site there's going to be less water going to that creek than there would have been today.

Commissioner Hatfield: Then, how, what kind of efforts did the developer make, that you're aware of, in meeting with the area homeowners? Because I've received quite a bit of phone calls.

Glen Meritt: Jagoe is pretty good. I mean, they had a Zoom meeting last Wednesday, February 24th at 5:30. Manuel Ball, Jagoe's Land Development person, he was involved in that call. He's the one who set it up, and sent out all of the notices to the adjoiners. Brent Borst, Jagoe's Land Acquisition person for Jagoe was also involved on that call. I just, I didn't do the Zoom, I just did it on teleconference, but there were ten or 15 different adjoiners that spoke up on that particular call. Most of it was traffic concerns that were brought up. There were a little, there were a few comments about drainage towards the end, but it was about floodplain. Which is, I don't think a lot of people understand exactly what the floodplain means. They hear floodplain and they think you're not supposed to do any work in the floodplain, and that's, you know, not the case. You know, we deal with floodplain all the time, you just elevate it, you know, to that two foot above to get your homes at flood protection grade. And, typically we remove them, remove the houses or remove the lots, after the fact, and get them out of the flood zone. So, I mean, that was, there were several people complaining about dangerous driveways or hidden driveways out there on Strueh-Hendricks, and people driving too fast, but, I mean, that kind of stuff is out of my control, out of Jagoe's control.

Commissioner Hatfield: Do you mind holding on for maybe some follow up?

Glen Meritt: Sure.

Commissioner Hatfield: Because I would really like John Stoll and Linda to come to the podium. I had just a few questions for Linda and John Stoll.

Glen Meritt: Sure.

Commissioner Hatfield: Linda, you don't have to go to the podium. You can sit right there if you can talk in that mic, you know. What I wanted to ask you is, what has been your, I'm going to ask this to Linda first, what is your opinion of the drainage—

Linda Freeman: Okay, I'm sorry?

Commissioner Hatfield: What is your opinion of the drainage in this area, specifically the creeks that surround this property, and how has that been handling things in the past? Do you, are you aware of any information about the complaints that I've been receiving on, by phone and email regarding the area not being able to handle a great deal more drainage? What is your experience on that?

Linda Freeman: Well, it's like Glen was saying and anybody that's built on the eastside and the developments on the eastside, they're more used to hearing that flood protection grade and not having basements type of thing. This is going to present some interesting plans, which I know John and I have talked, and Glen has made some changes to some things that we felt would be a better situation for the drainage out there. They're going to, with the steep grades and things, they're going to have to be very careful with the way they get their roads and the building lots situated. I mean, I'm not saying it can't be done, but it's going to need to be oversaw, there's going to need to be some oversight by the engineers on the developer to make sure that the plan goes as the plan is presented. Now, this—

Commissioner Hatfield: Do our minimum ordinances take care of those concerns that you have?

Linda Freeman: I mean, our ordinance could have some more teeth, but we are working with what we have. There's that fine line of being able to develop and then too restrictive. John and I were talking about that this morning. I mean, I think there's some instances where our ordinance could use a little more—

Commissioner Hatfield: No, I meant the suggestions you may have made to Cash Waggnar. I mean, I have the utmost faith that Cash Waggnar, any suggestions you have made to Cash Waggnar, that they are going to—

Linda Freeman: Yes, they have already implemented several things. There was some, there was a concern of mine, they had a one foot berm in an area, and I said that might work in theory, but out in the real world the folks are going to go out there in their backyard and see that and go, what the heck, and yeah, they're going to wipe it out, they're going to throw it over here in the swale or something. He made some lot adjustments, or some easement adjustments in the same realm, because we felt cutting through the lots might cause problems for people. They're going to go, they're going to want to fence their lot. But, he's been making some changes, like we've had some front to back type of grading, and they're looking at some different things there. So, I mean, they've been very receptive to our suggestions that, as far as my office.

Commissioner Hatfield: Is there more suggestions you would make if you felt like you had maybe time to make them?

Linda Freeman: I mean, some of it's not under our control, like, you know, it would be nice, I mean, this isn't really on a drainage standpoint, but if the road—

Commissioner Hatfield: No, no, no. Only drainage is what I'm interested in tonight.

Linda Freeman: Right, so, I mean, they've been covering the things that we've had concerns about.

Commissioner Hatfield: Okay. John, how about you?

John Stoll: I know we'll have additional comments when we're reviewing the final drainage plan, and they'll end up addressing those comments before it comes back to the Drainage Board again. I haven't gone through it to the extent that Linda has, as far as asking for specific details yet, but we will, and what's taken place with past subdivisions is the design engineer makes the changes as requested, and we eventually come to terms with a plan that can be presented for a final drainage approval. As far as the surrounding drainage area, the drainage around the site, we had not received any complaints about

that site in the past, or any known drainage complaints that I'm aware of. The county has a bridge down on Broadway downstream of this, and that's really the only drainage issue that I know of. The bridge needs to be replaced, but it's not a function of flow, it's just an old bridge. So, prior to this subdivision we weren't aware of complaints, but I've received a number of complaints as of late as well, and some of those, like one of them yesterday, the complaint was the pass through drainage that's coming from McDowell down alongside the north side of Strueh-Hendricks and then crossing under Strueh-Hendricks running along the south side of Strueh-Hendricks to the creek on the east side of this site, that water just passes through, it's not being routed through their new subdivision. So, it doesn't really have any effect, positive or negative, relative to this project. I had other complaints about the fill in the floodplain and things like that, but within the context of the drainage ordinance, it's allowed. As far as any changes to the drainage ordinance, you would really have to make a change to the design storms that you're using to size the detention. If you wanted to ever increase the storage for the higher end, you could make it be detained to the 50-year storm instead of the 25, like we've got right now, or even the 100-year storm. I know the impacted drainage areas in the north part of the county do have that requirement for 100-year. And, you can also make changes on the low end, rather than ten-year, you could say a two-year storm, because IDEM has—

Commissioner Hatfield: So, Linda, what do you think about Glen, who I have the utmost respect for, of course, and Cash Waggoner, a great outfit. You know, I asked him if the ten to 25 shouldn't be a two or 50, right? Two to 50, which is what IDEM is proposing, it hasn't passed yet, but they're proposing that. Do you see a reason, and I'm going to ask John this too, that this area, specifically, could benefit if they went lower than ten and higher than 25?

Linda Freeman: Well, I think any area could. It's just a matter of how far do you want to go? I mean, I think the State is looking at some tighter regs, which would push us to doing that, but at the present time, this is what we have in the ordinance.

President Musgrave: Not only is it what we have in the ordinance, but the testimony from the developer's engineer is that it will release less water than the current undeveloped plan releases.

Linda Freeman: Within the storms, yes.

President Musgrave: Within the storms.

Linda Freeman: Now, if you get greater storms—

President Musgrave: This is just a preliminary plan, and it will come back to us at a final, for final approval.

Linda Freeman: This is, basically the preliminary is that they have the outline, the skeleton, so to speak, for a drainage plan, and they have, like I said, they have been working with us, and they are aware of some of the concerns in the site. I'm hoping that they're fully, you know, ready and willing to develop it to its potential.

President Musgrave: Well, I'm going to ask for a motion to approve the preliminary plan, with the full understanding that I expect conversations between Commissioner Hatfield, the developer, the Surveyor and the Engineer to continue, and that his concerns, if they can be addressed within a final plan, that they are addressed, without treating this developer differently—

Linda Freeman: Exactly.

President Musgrave: -- applying a different set of rules to this developer than anyone else. I mean, if there are site specific things that warrant a tweak here, there and yon, I think that would be appropriate. So, is there a motion to approve the preliminary drainage plan?

Commissioner Shoulders: I'll make the motion to approve the preliminary. I think that there, obviously, this supports some tweaks, but preliminary, yes.

President Musgrave: Is there a second?

Commissioner Hatfield: I'll second it.

President Musgrave: We have a motion and a second. Madelyn, would you please call the roll?

Madelyn Grayson: Commissioner Shoulders?

Commissioner Shoulders: Yes.

Madelyn Grayson: Commissioner Hatfield?

Commissioner Hatfield: I'm going to abstain, because I want to see what, how far the conversation goes on the area and the drainage in the area.

Madelyn Grayson: President Musgrave?

President Musgrave: And, I'll vote yes. The motion carries with two yes votes and one abstention.

(Motion approved 2-0. Commissioner Hatfield abstained.)

President Musgrave: We move now to the Cambridge Village Phase IV preliminary drainage plan. Morley—

Linda Freeman: We, actually, there's a gentleman that wanted to speak to Westridge.

President Musgrave: Oh, I apologize. Please come up, sir, and do recognize that this was a preliminary plan.

Linda Freeman: Yes.

President Musgrave: It's still undergoing changes.

Linda Freeman: Yeah, he stopped by the office prior to the meeting.

President Musgrave: I apologize, I was just this minute handed the sign in sheet. So, please come up, give us your name and address, and let us know what you would like to say.

James Creek: I go by Jimmy.

President Musgrave: Okay, Mr., did you say Creek?

James Creek: It's Creek, C-r-e-e-k.

President Musgrave: Okay, thank you.

James Creek: Which means I know something about water. I would like to begin with good health to everybody. Then three ponds are good and all the retainage to reduce the water, but what are they going to do about the ditches on the front side of the property? Because that rain we had Sunday washes over the road into my ditch, washes over the road and it's washing out McDowell Road, as page three of Susan Kemper's plans here, that they're running water off of that property on to other people's property, which in my opinion is against the law. So, before they ever get started, I'm thinking they need to widen and deepen their ditches to keep flowing the property off the high land on to other people, was my, you know, my greatest thing. I also, while I'm up here, the main reason I showed up was to give Mr. Hatfield this Lochmueller report on the traffic too, but I'll do that here in a minute. But, yeah, I'm wondering what they're going to do about the ditches in the front.

President Musgrave: Alright, I would like the Engineer and the Surveyor to please make sure that you get back with him—

Linda Freeman: Yes.

President Musgrave: --about what will be done about the ditches. And, are those county ditches? Or are they—

Linda Freeman: They're just, if he's talking about the roadside, we don't have a regulated drain in the area. So, if it's property, road right-of-way, it would be the county's. But, he had a traffic study that he wanted to present as well.

President Musgrave: Commissioner Hatfield, could you make sure that the Recording Secretary gets a copy of that traffic study?

Commissioner Hatfield: Yes.

President Musgrave: Thank you. Madelyn, he's going to hand that to you. I apologize again for not having called for public comment before we moved on.

Cambridge Village Phase IV: Preliminary Drainage Plan
--

President Musgrave: But, we are now ready to move to the Cambridge Village Phase IV preliminary drainage plan. And, I see that Jim Morley, Jr. has signed in to speak. If you would like to come up, and if the Surveyor would give us a summary of what is going on.

Linda Freeman: Morley and Associates submitted to the office, to the Surveyor's Office a drainage plan for preliminary approval for Cambridge Village Phase IV, and this plan has been reviewed and has been found to provide sufficient information for, again, a preliminary plan. We recommend approval so that they can move forth to the March 4th APC meeting.

President Musgrave: Do you have anything to add to that, Mr. Morley?

Jim Morley, Jr.: No.

Linda Freeman: I don't know that we have any—

Jim Morley, Jr.: Unless you have any questions.

Linda Freeman: --body to speak.

President Musgrave: I don't see anybody having signed in on the sheet. Do the Commissioners have any comments?

Commissioner Shoulders: I don't.

Commissioner Hatfield: You know, just so people don't know, or people don't think I'm just picking on selective people, I did talk to people about this one today, and one of the benefits of this one, and you can confirm this, Jim, is that it has the benefit of this large golf course around it. So, it doesn't really impact anything in the area around it.

Jim Morley, Jr.: Yeah, there are, this is the last undisturbed part of—

Commissioner Hatfield: Right.

Jim Morley, Jr.: --Cambridge, or the last section to be built. And, there are two existing lakes inside of this area already that will be reworked, and then it also then flows off of this property, into the golf course where there are more lakes inside the golf course, and then it eventually flows out, but not for a long way.

President Musgrave: Alright, is there a motion to approve the preliminary plan?

Commissioner Hatfield: So moved.

Commissioner Shoulders: Yeah, second.

President Musgrave: We have a motion and a second. Madelyn, would you please call the roll?

Madelyn Grayson: Commissioner Shoulders?

Commissioner Shoulders: Yes.

Madelyn Grayson: Commissioner Hatfield?

Commissioner Hatfield: Yes.

Madelyn Grayson: President Musgrave?

President Musgrave: Yes, and that motion carries.

(Motion approved 3-0)

President Musgrave: Thank you very much.

Jim Morley, Jr.: Thank you.

Drone Software Purchase Proposal: Pix4D
--

President Musgrave: We move now to the drone software purchase proposal, Pix4D. Pix4D.

Linda Freeman: Yes, Pix4D. We have previously contracted with an outside provider to inspect our legal drains with a drone. Recently we were able to purchase the leftover, I guess, a hand me down from the Evansville Water & Sewer Utility. It's a DGI Inspire II, so we could use it to inspect our ditches, some of the ones that we can't get to easily. We would like to purchase some software that would allow us to study and evaluate these areas. I'm proposing that we purchase this software using funds from the Eastside Urban Drainage Maintenance Fund. Eastside Urban has some drains that are not easily accessible, and this software would be useful in evaluating and inspecting those areas. The software is Pix4D, it's an industry standard software that is widely used, and it is the same program that Evansville Water & Sewer Utility has used. They've been a great resource for us. Brad Kleaving has been very helpful with not only our JAVAD equipment, but anything else. Like I said, the drone and this license, or this software would just allow us to do some of the things that we've paid contractors to do. It's \$4,990, so not quite \$5,000, and we are seeking your guidance and thoughts prior to pursuing this possibility. The code that covers the usage of maintenance funds is Indiana Code 36-9-27-45, where use of funds can be used for the necessary and proper repair, maintenance, study or evaluation of drains or combination of drains. And, that can be done whenever the Board, upon recommendation of the County Surveyor, finds that it's necessary, and we would really benefit from this software, if you would approve us purchasing it from the Eastside Urban Drainage Funds, which is—

President Musgrave: Okay.

Linda Freeman: --\$302,000 in that account currently. So, it's not like we're going to hurt that, plus it will alleviate some of the costs that we've used before to actually contract drone footage.

President Musgrave: Members, how do you feel about this?

Commissioner Hatfield: I'll make a motion.

President Musgrave: Is there a second?

Commissioner Shoulders: Second.

President Musgrave: We have a motion and a second. Madelyn, please call the roll.

Madelyn Grayson: Commissioner Shoulders?

President Musgrave: Your mic's not on.

Commissioner Shoulders: Yes, sorry. Yes.

Madelyn Grayson: Commissioner Hatfield?

Commissioner Hatfield: Yes.

Madelyn Grayson: President Musgrave?

President Musgrave: And, I'm a yes as well. Let it show that that motion carries.

(Motion approved 3-0)

Linda Freeman: Thank you.

Ditch Maintenance Claims

President Musgrave: We move now to the ditch maintenance claims, which there are none.

Reading of 2021 Ditch Maintenance Bids

President Musgrave: So, we move back to the top of the agenda for the opening of the 2021 ditch maintenance bids. And, Craig Emig, our attorney has that available.

Craig Emig: With these I will announce the bidder, the ditch and the amount. These bids will be awarded to the lowest responsive, responsible bidder. They will be reviewed later for any errors in the application.

BIDDER	DITCH	AMOUNT
Big Creek Drainage Assn	Barr's Creek – Annual Maintenance	\$4,261.53
Big Creek Drainage Assn	Buente Upper Big Creek – Annual Maintenance	\$4,039.00
Big Creek Drainage Assn	Maidlow Ditch – Annual Maintenance	\$3,174.07
Big Creek Drainage Assn	Pond Flat Main – Annual Maintenance	\$5,527.80
Big Creek Drainage Assn	Rexing Creek – Annual Maintenance	\$2,051.25 ¹
Rexing Enterprises, Inc.	Singer Ditch – Annual Maintenance	\$367.50
RR Rexing Farm Inc.	Pond Flat Lateral "A" – Annual Maintenance	\$743.54
RR Rexing Farm Inc.	Pond Flat Lateral "B" – Annual Maintenance	\$391.58
RR Rexing Farm Inc.	Pond Flat Lateral "D" – Annual Maintenance	\$641.06
Union Township Ditch Assn Inc.	Barnett – Annual Maintenance	\$417.90
Union Township Ditch Assn Inc.	Cypress Dale Maddox – Annual Maintenance	\$1,194.35
Union Township Ditch Assn Inc.	Edmond Ditch – Annual Maintenance	\$6,927.75
Union Township Ditch Assn Inc.	Helfrich-Happe Ditch – Annual Maintenance	\$634.90
Union Township Ditch Assn Inc.	Kamp Ditch – Annual Maintenance	\$558.00
Eldon Maasberg	Baehl Ditch – Annual Maintenance	\$1,102.40
Eldon Maasberg	Kneer Ditch – Annual Maintenance	\$410.40
Eldon Maasberg	Maasberg Ditch – Annual Maintenance	\$220.60
Eldon Maasberg	Wallenmeyer Ditch – Annual Maintenance	\$1,253.25

¹ The last two numbers were transposed per County Surveyor's Office review. Correct bid amount is \$2,051.52.

John Maurer	Hoeftling Ditch – Annual Maintenance	\$557.10
-------------	--------------------------------------	----------

President Musgrave: I believe that we normally take these under advisement.

Commissioner Hatfield: So moved.

Commissioner Shoulders: Second.

President Musgrave: We have a motion and a second. Madelyn?

Madelyn Grayson: Commissioner Shoulders?

Commissioner Shoulders: Yes.

Madelyn Grayson: Commissioner Hatfield?

Commissioner Hatfield: Yes.

Madelyn Grayson: President Musgrave?

President Musgrave: Yes.

(Motion approved 3-0)

President Musgrave: So, they are under advisement, and we'll award them at our next meeting. Is that right, Surveyor?

Linda Freeman: Pardon?

President Musgrave: We'll award these at our next meeting?

Linda Freeman: March 16th, we'll bring, but—

Craig Emig: We've got more.

Linda Freeman: He didn't actually read all the bids.

Commissioner Hatfield: We've got more, Cheryl.

Craig Emig: We've got more.

Linda Freeman: He's got more.

President Musgrave: Oh, I thought he was done.

Commissioner Shoulders: He just paused.

Linda Freeman: No, that was just the first page.

Craig Emig: That was the first segment.

President Musgrave: Well, that was the acceptance of page one, alright.

Linda Freeman: Oh, first and second, okay.

President Musgrave: Please go on.

Linda Freeman: I was like—

Commissioner Hatfield: But, we at least got the first page done.

Commissioner Shoulders: We got the first page done.

Craig Emig: There's two pages, two of six.

Commissioner Hatfield: Two of six.

BIDDER	DITCH	AMOUNT
K & H Vegetation Management	AIKEN – 2,840 l.f.	\$397.60
Sterilize Ditch Bottoms Category 1* Foliar spraying Broadleaf, Brush & Growth Inhibitor Category 2	ESU - S ½ - 25,862 l.f.*	\$3,620.68
	ESU - S 1/2 – Wabash Erie at Stockwell Rd – LUMP SUM Bid – approx. 5,000 sq. ft.	\$600.00
	HARPER – 2,950 l.f.	\$413.00
	KOLB – 4,475 l.f.	\$626.50
	SONNTAG STEVENS – 6,905 l.f.	\$966.70
	ESU - S ½ - Bonnie View – 1,400 l.f.	\$88.20
	EASTSIDE URBAN - S ½ - 29,085 l.f.	\$1,832.35
	HARPER – 2,950 l.f. + specific area east of tennis courts	\$185.85
	KOLB – 4,475 l.f.	\$281.92
	SONNTAG STEVENS-6,905 l.f.	\$435.01 ²
TruGreen Commercial	AIKEN – Growth Inhibitor – 2,840 l.f.	\$298.20
Foliar Spraying Broadleaf, Brush & Growth Inhibitor Category 2	AIKEN – 10,251 l.f.	\$686.82
	EAGLE SLOUGH – 30,040 l.f.	\$2,823.76
	EASTSIDE URBAN - N ½ - 21,127 l.f.	\$1,352.13
	ESU - S ½ - Bonnie View – 1,400 l.f.	\$99.40
	EASTSIDE URBAN - S ½ - 29,085 l.f.	\$1,948.70
	HARPER – 2,950 l.f. + specific area east of tennis courts	\$197.65
	KEIL – 3,370 l.f.	\$205.57
	KOLB – 4,475 l.f.	\$295.35
	SONNTAG STEVENS – 6,905 l.f.	\$462.64
TruGreen Commercial	AIKEN – 4,000 l.f.	\$272.00
Dormant Spraying Category 8 (Aiken & Eagle Slough will be awarded together for dormant spraying)	EAGLE SLOUGH – 30,040 l.f.	\$3,064.08
	ESU - S ½ - 29,085 l.f.	\$1,832.36
	HENRY- 3,179 l.f.	\$228.89
	KEIL –3,370 l.f.	\$215.68
	SONNTAG STEVENS – 6,905 l.f.	\$462.64

² Per County Surveyor's Office review, the bid paperwork was missed on the bid opening.

McCullough Land Improvements, LLC	AIKEN – Mid-summer – Mowing – 3,840 l.f.	\$1,574.40
Mowing-Category 3	EAST SIDE URBAN – N 1/2 – CRAWFORD BRANDEIS EXT – 1,700 l.f. Mid-Summer & Fall	\$810.90
	ESU – N 1/2 – CRAWFORD BRANDEIS EXT – South of Hirsch Rd - 2,100 l.f. - Fall Mowing	\$478.80
	ESU – N 1/2 – CRAWFORD BRANDEIS EXT – After Harvest Mowing – 1,935 l.f.	\$828.18
	ESU - S 1/2 – RR/Canal Mowing – Late Spring, Mid-Summer & Fall - 15,235 l.f.	\$3,458.35
	ESU - S 1/2 – Wabash Erie at Stockwell Rd – LUMP SUM Bid – approx. 5,000 sq. ft.	\$238.00
	ESU - S 1/2 - CRAWFORD BRANDEIS & BONNIE VIEW EXT-Summit Place – Spring, Late Spring, Mid-Summer, & Fall Mowing – 1,450 l.f.	\$330.60
	ESU - S 1/2 – NURRENBERN- Late Spring & Mid-Summer Mowing – 2,550 l.f.	\$629.85
	ESU - S 1/2 – NURRENBERN-Mid-Summer & Fall Mowing – 2,600 l.f.	\$616.20
	ESU - S 1/2 - STOCKFLETH-Mid-Summer & Fall Mowing – 6,363 l.f.	\$1,571.66
	HARPER – PER Mowing, Cart & Debris Removal – Plus area east of tennis courts – Late Spring, Mid-Summer & Fall – 3,000 l.f.	\$948.00
	HARPER – NEWTON AVE – LUMP SUM – approx. ½ acre – Mid-Summer Mowing	\$457.00
	HENRY – Mid-Summer Mowing along Kansas Rd – 1,850 l.f.	\$477.30
	HENRY – After Harvest Mowing – 3,179 l.f.	\$960.06
	KEIL – Mid Summer & Fall Mowing – 800 l.f.	\$189.60
	KOLB – Section A - Fall Mowing – 1,600 l.f.	\$376.00
	KOLB – Section B – Late Spring, Mid-Summer & Fall Mowing – 4,605 l.f.	\$999.29
	SONNTAG STEVENS – Late Spring Mow – 3,080 l.f. + South Leg 1,000 l.f. = 4,080 l.f.	\$1,130.16
	SONNTAG STEVENS – Mid Summer & Fall Mowing – 10,705 l.f.	\$4,506.81
Niemeier Property Solutions	AIKEN – Mid-summer – Mowing – 3,840 l.f.	\$1,543.68
Mowing Category 3	EAST SIDE URBAN – N 1/2 – CRAWFORD BRANDEIS EXT – 1,700 l.f. Mid-Summer & Fall	\$794.75
	ESU – N 1/2 – CRAWFORD BRANDEIS EXT – South of Hirsch Rd - 2,100 l.f. - Fall Mowing	\$518.70

	ESU – N 1/2 – CRAWFORD BRANDEIS EXT – After Harvest Mowing – 1,935 l.f.	\$818.51
	ESU - S 1/2 – RR/Canal Mowing – Late Spring, Mid-Summer & Fall - 15,235 l.f.	\$3,473.58
	ESU - S 1/2 – Wabash Erie at Stockwell Rd – LUMP SUM Bid – approx. 5,000 sq. ft.	\$299.00
	ESU - S 1/2 - CRAWFORD BRANDEIS & BONNIE VIEW EXT-Summit Place – Spring, Late Spring, Mid-Summer, & Fall Mowing – 1,450 l.f.	\$319.73
	ESU - S 1/2 – NURRENBERN- Late Spring & Mid-Summer Mowing – 2,550 l.f.	\$567.89
	ESU - S 1/2 – NURRENBERN-Mid-Summer & Fall Mowing – 2,600 l.f.	\$595.40
	ESU - S 1/2 - STOCKFLETH-Mid-Summer & Fall Mowing – 6,363 l.f.	\$1,589.00 ³
	HARPER – PER Mowing, Cart & Debris Removal – Plus area east of tennis courts – Late Spring, Mid-Summer & Fall – 3,000 l.f.	\$888.00
	HARPER – NEWTON AVE – LUMP SUM – approx. ½ acre – Mid-Summer Mowing	\$997.00
	HENRY – Mid-Summer Mowing along Kansas Rd – 1,850 l.f.	\$467.87
	HENRY – After Harvest Mowing – 3,179 l.f.	\$936.85
	KEIL – Mid Summer & Fall Mowing – 800 l.f.	\$187.20
	KOLB – Section A - Fall Mowing – 1,600 l.f.	\$382.40
	KOLB – Section B – Late Spring, Mid-Summer & Fall Mowing – 4,605 l.f.	\$1,097.83
	SONNTAG STEVENS – Late Spring Mow – 3,080 l.f. + South Leg 1,000 l.f. = 4,080 l.f.	\$1,489.20
	SONNTAG STEVENS – Mid Summer & Fall Mowing – 10,705 l.f.	\$4,667.38

Craig Emig: Those are all the bids. That's all of them.

Commissioner Shoulders: Did you take a breath finally, Craig?

Craig Emig: That is it.

Commissioner Shoulders: Are you hoarse?

Commissioner Hatfield: I make a motion to take it under advisement.

Linda Freeman: Thank you.

Commissioner Shoulders: I will second.

President Musgrave: Ben?

³ There was a math error found on this bid per County Surveyor's Office review. The correct bid amount is \$1,588.84.

Commissioner Shoulders: I seconded it. Yes, I seconded it.

President Musgrave: We have a motion and a second. Madelyn?

Madelyn Grayson: Commissioner Shoulders?

Commissioner Shoulders: Yes.

Madelyn Grayson: Commissioner Hatfield?

Commissioner Hatfield: Yes.

Madelyn Grayson: President Musgrave?

President Musgrave: Yes.

(Motion approved 3-0)

President Musgrave: And, next year the bid packet will be arrayed in such a way that we read off bid numbers rather than all of this language, or we insert it into the record as if read.

Other Business

President Musgrave: Is there any other business to come before the Board? Eldon, you had signed up to speak. Do you still have something to say?

Eldon Maasberg: My name is Eldon Maasberg, 14747 Lutterbach Road in Vanderburgh County. I'm in Armstrong Township. You talked about, when Waggner was up here, about the floodplain. My comment is, as we let every contractor build something in the floodplain, we're pushing that water some place, and if we had the water that Kentucky's got, that you can go watch the t.v. on the news tonight, that could have been here just as easy if that front would have moved further north. I'll use a farm that my dad bought in '59 down on Baseline Road on Buente Ditch. When my dad bought that farm in 1959, we used to figure the water would only go up one in three years. In 2019 it was in the field three different times, and it backed into the slough the fourth time. That in 50 years how much water has changed, or as Bill Jeffers said when he was in Linda's job, water has to go someplace, and if we keep taking floodplain out of being a floodplain, that means that we're taking the water and putting it elsewhere, which is going to make higher and higher and more damage when we do have our big floods. I think we need to look at, and how can we not let our floodplains get destroyed? Houses built in them. Haul dirt into them, that water has to go somewhere, and how to take care of this problem, I really don't know, because we've already let it. The City of Evansville was originally in a floodplain and look how much dirt we've hauled into the City of Evansville. As we built it up, water went someplace, and that goes the same whether we want to talk out in the country or whether you want to talk in your subdivisions, water is going somewhere. I appreciate your time for listening to me. Thank you.

Commissioner Hatfield: Thank you.

President Musgrave: Thank you, Mr. Maasberg.

Commissioner Shoulders: Thank you.

Commissioner Hatfield: Thanks, Eldon.

Public Comment

President Musgrave: Is there any further comment from the public? Commissioners, do you have any further comments?

Commissioner Shoulders: I do not.

Adjournment

President Musgrave: Is there a motion to adjourn?

Commissioner Shoulders: So moved.

President Musgrave: Is there a second?

Commissioner Hatfield: Second.

President Musgrave: We are adjourned.

(The meeting was adjourned at 5:02 p.m.)

Those in Attendance:

Cheryl Musgrave
Jacob Timmons
Glen Meritt
Eldon Maasberg
Members of Media

Ben Shoulders
Craig Emig
John Stoll
Jim Morley, Jr.

Linda Freeman
Madelyn Grayson
James Creek
Others Unidentified

**VANDERBURGH COUNTY
DRAINAGE BOARD**

Cheryl A.W. Musgrave, President

Jeff Hatfield, Vice President

Ben Shoulders, Member

(Recorded and transcribed by Madelyn Grayson.)