**MINUTES**

**WARRICK COUNTY DRAINAGE BOARD**

**&**

**DEPARTMENT OF STORM WATER**

**August 24, 2020**

Regular Session

Old Historic Courthouse

107 W. Locust St. Suite 303

Boonville, In 47601

812-897-6170

The Warrick County Drainage Board and Department of Storm Water met in regular session with Bob Johnson, President; Dan Saylor, Vice President; Terry Phillippe, Secretary, Morrie Doll, Attorney; Jason Baxter, Deputy Surveyor; Jennifer Curry, Recording Secretary.

Present in the audience: Chad Graber, Andy Hanson, Bobby Howard

**PLEDGE OF ALLEGIANCE:**

President Johnson opened the meeting of August 24, 2020 with the Pledge of Allegiance.

**APPROVAL OF MINUTES**

President Bob Johnson: First up we have approval of minutes for August 10, 2020

Commissioner Terry Phillippe: I make a motion to approve the minutes.

Commissioner Dan Saylor: Second.

President Bob Johnson: All in favor 3-0

**CHAD GRABER-SKANSKA- EVANSVILLE CHRISTIAN HIGH SCHOOL- NEWBURGH, IN**

President Bob Johnson: Next up we have Chad Graver with SKANSKA for Evansville Christian High School Newburgh, drainage approval. Please state your names for the record.

Chad Graber: I am Chad Graber with SKANSKA, 401 NW First Street Evansville, I am the Civil Engineer on the project.

Andy Hanson: I am Andy Hanson with Evansville Christian School, 4401 Epworth Road.

Commissioner Dan Saylor: Andy, what is your position with Evansville Christian?

Any Hanson: CFO.

President Bob Johnson: Where are we at with this?

Jason Baxter: The brought us a drainage plan for new school over here in Newburgh, I spoke with Steve about it and these are all the numbers calculated and coming out well, it is a private entity anyways so, we don’t really have any jurisdiction

Steve Sherwood: Just for those of you who aren’t familiar with it, ECS there is at the NW corner of Epworth and Lincoln, they already built the High School, this is the development of the remainder of the property which will take care of another additional school, Kindergarten through sixth grade if I remember correctly. This is an extension of the existing drainage for that area of development that was approved privately previously, so that is an extension of that, it does meet our numbers per Warrick County Ordinance for the 50-year storm pipe and 5-year release. They are expanding the existing retention basin to accommodate the extra drainage, Chad if I have not covered everything does that pretty much summarize the project?

Chad Graber: That’s pretty much it, yeah. New school will lay between Crossroads Church and the existing Evansville Christian School pointing towards Lincoln a little more.

Steve Sherwood: The access issues will be addressed by Bobby at the Commissioner meeting, for expansion of their existing entry ways, they had to do a traffic impact study, but all of that will be covered under Commissioner business, not Drainage Board.

Commissioner Dan Saylor: Who maintains the basin?

Morrie Doll: Property owner.

Chad Graber: The basin itself is located on Crossroads property, but Evansville Christian School does have an easement over the basin so, I don’t know, do you guys mow that?

 Andy Hanson: Yeah we do.

Chad Graber: So, Evansville Christian does maintain it, it is technically on Crossroads property though.

President Bob Johnson: Councilor, there is nothing I need to do here is there?

Morrie Doll: I don’t think there is, as long as we have no objection you can motion that we have no objection to the proposal.

Steve Sherwood: They will post a dollar amount for the drainage improvements to insure they are constructed, that will be posted through the APC.

Commissioner Dan Saylor: Then you guys will inspect it once it is done.

Steve Sherwood: Yes.

Jason Baxter: Yes.

Commissioner Dan Saylor: Okay.

President Bob Johnson: Okay, so do we need to do a motion to do a consensus?

Commissioner Dan Saylor: I make a motion to approve the drainage plans for Evansville Christian School on their K-6 building.

Commissioner Terry Phillippe: I second the motion.

President Bob Johnson: All in favor 3-0

Chad Graber: Thank you guys.

President Bob Johnson: That’s it, Jason?

Jason Baxter: That’s all I got.

**CLAIMS**

President Bob Johnson: Claims.

Commissioner Dan Saylor: I make a motion to pay the claims.

Commissioner Terry Phillippe: Second.

President Bob Johnson: All in favor 3-0

**OTHER BUSINESS**

President Bob Johnson: Any other business, Jason? Steve?

Jason Baxter: No, Sir.

Steve Sherwood: I don’t know if Jason has reported to the Board previously, but his grant that was approved for cleaning up the log jam on Pigeon Creek just outside of Warrick County, I believe that work was recently completed. Jason, I didn’t know if you wanted to say anything for the minutes or just update the Board on your successful project.

Jason Baxter: Have you guys received any of the images?

President Bob Johnson: I seen some photos.

Jason Baxter: Yeah, it’s good I invoiced DNR to get that grant money turned around and he expects it to be 15-20 days before it gets released to us. I have spoken to the contractor and he is aware with the delay, but it was a fantastic job, really happy with how it came out. We dropped the level 8-feet, so..

Commissioner Dan Saylor: So, how far down is the next log jam?

Jason Baxter: You’d have to go far, but it’s not a complete obstruction and again, I would be traveling into Vanderburgh County and there wouldn’t be anything I could do for that particular grant can be used on the same water way once it gets passed Warrick County, because it cant be in a legal drain, they have $175,000 is what the total grant was able to be approved at in $35,000 increments.

Commissioner Dan Saylor: Is Vanderburgh County going after any of this money?

Jason Baxter I have made them aware, I made Cheryl aware of it when I was getting it.

Steve Sherwood: Jason did get approval from all three Vanderburgh County Commissioners in writing to proceed with this project.

President Bob Johnson: Well, good job Jason.

Jason Baxter: Thank you.

Steve Sherwood: I want to mention that Warrick County Soil & Conservation Service was extremely helpful with procuring this grant for Jason and his office.

Jason Baxter: Yeah, they were a huge help.

Commissioner Terry Phillippe: The end result was that I have heard from no less than six farmers individually saying thank you to Jason, and everybody else involved. There were a lot of happy farmers.

Jason Baxter: Yeah, and let’s see how long that lasts.

Commissioner Dan Saylor: So, the next log jam is further into Vanderburgh County, so will it flood their land before it floods us?

Jason Baxter: They got a bunch of Styrofoam cups I know that, broke that dam lose and it got to be ugly in there it was holding a bunch of trash back. Bunch of trash, boats, propane tanks, and that’s just what I saw.

Commissioner Dan Saylor: Did you get video of that?

Jason Baxter: No, I didn’t get that. There will be a next time.

President Bob Johnson: Good job

Commissioner Terry Phillippe: Thanks Jason.

President Bob Johnson: Mr. Sherwood.

**STORM WATER DEPARTMENT**

Steve Sherwood: Thank you Mr. President, first order of business is to open bids for the Hornet Hills Subdivision Drainage Improvement Project, we sent out five (5) proposals on August 7, 2020 of a pre-bid meeting that was non-mandatory that was held at the site on August 12, 2020 four (4) of the five (5) contractors bidding attended, however we did get all five (5) contractors to bid on this project in a timely matter and Morrie has all five (5) bids before you.

Morrie Doll: I have five (5) bids, four (4) which are sealed, one of which has been previously accidentally opened, but then resealed without Steve examining it, it was mistakenly opened with the US mail. First bid I am going to open is being marked on being received on August 24th at 12:47pm concerning the Hornet Hills Subdivision from JBI Construction Inc.

Steve Sherwood: These will all be lump sum bids.

Morrie Doll: I have a job description from JBI Construction for Hornet Hills Subdivision proposal submitted to the Warrick County Storm Water Department lump sum bid of $18,776.00 signed by Eric Roush, again $18,776.00. As I open these I am going to return them to the possession of Steve, the next bid was also received on August 24th from Jerry Aigner for the Hornet Hill Subdivision, this one also contains the required Certificate of Liability Insurance, it is addressed to the Warrick County Department of Storm Water Management and it is for a lump sum unitemized in the amount of $20,850.00. Third bid dated August 24th with Metzger Construction Company submitted to Warrick County Department of Storm Water Management, Hornet Hill Subdivision unitemized $18,610.00. The fourth one is on an Indiana State Form Public Contractor’s Bid Form-96…

President Bob Johnson: Whom is that please?

Morrie Doll: This one is from Ragel Inc. and it was also received on August 24th, all of those were prior to noon on that date, this one is addressed to the Warrick County Storm Water Management Department with a lump sum bid of $39,000.00, it contains a full public bid package of documents. The last one that was accidentally opened, it was stamped on August 24th from Deig Brothers addressed to Warrick County Department of Storm Water Management for the Hornet Hills Subdivision project, it was resealed as I understand the facts, and not examined, it is addressed to the Warrick County Storm Water Director proposed for the Hornet Hills Subdivision and I is for the lump sum bid of $32,250.00 from the Chief Estimator Manager at Deig Brothers. I will return all five (5) bids to Steve for maintenance at the Storm Water office.

President Bob Johnson: It sounds like there may be some discrepancies perhaps, or instructions on how they bided it out?

Steve Sherwood: Well, the two low bidders are just $166 apart, and they were both present at the pre-bid meeting. I did specify in there that is there was no issues we would like to reward it today to the low bidder, subject to any proprieties that we may find with the bids, but if the Board will be willing to select the low bidder based on Morrie and I’s review and we don’t find any issues, we would like to start next week long story short.

Commissioner Dan Saylor: I make a motion to award the bid to the lowest bidder based on inspection from our legal council and Steve and looking at the bids to make sure they meet all the criteria.

Commissioner Terry Phillippe: I second that motion.

President Bob Johnson: All in favor. 3-0

*Hornet Hills Subdivision Drainage Improvement Project Bid*

*\*JBI Construction Inc.----$18,776.00*

*\*Jerry Aigner---------$20,850.00*

*\*Metzger Construction Company------$18,610.00—Awarded 3-0*

*\*Ragel Inc.-----$39,000.00*

*\*Dieg Brothers-----$32,250.00*

Steve Sherwood: Thank you, next item I have is the Lake Ridge Crossing Section G, the Insituform and Granite lining bids, they were tabled at the last meeting. Both parties have indicated that they would extend their price on their contract to mid September, I have gotten back Right or Entry from the two property owners that will allow us to do this work. With that being said, it is still my recommendation to go with Insituform at $68,675.00 versus the bid from Granite liner for $47,500.00 just based upon the reasoning they are both going to be a 1-year warranty, but the thickness from Insituform is a sprayed on epoxy with about a 12-millimeter thickness coating versus a 5-millimeter lining that would be UV cured inside the pipe because of all the twists, turns, and pipe irregularities it is Bobby and I’s opinion would be a stronger and better product for this particular use.

Commissioner Terry Phillippe: I make a motion to approve the Insituform bid.

Commissioner Dan Saylor: Second.

President Bob Johnson: All in favor 3-0

Commissioner Dan Saylor: Councilor, we are within the right to do that?

Morrie Doll: Lowest is best, these are two distinct different products, in fact I don’t think the spray on product as opposed to the UV cure product is even the same product is it Bobby? Steve?

Steve Sherwood: Not in my opinion.

Morrie Doll: Plus, you have a significant difference in thickness, more than twice as thick and we have experience with the most expensive product being used previously in Warrick County still upholding its integrity. Lowest and best.

Steve Sherwood: Thank you, before you on the larger 11x17 ledger size drawing, I gave you a copy of the cover sheet of the Pleasant Ridge Drive, this is essentially Tanglewood and Fuquay Road Improvement Project, the second page is basically the plan view showing the structure where we wish to proceed, basically all of this was designed by Lochmueller Group per our contract. I am at the point now where we’d like tentative permission from the Board to proceed before we go to the geotechnical exploration and the notifications of the property owners that we are going to need easements from. I believe I emailed this to you a month ago, more or less, for any comments you may have had just to let you see the southern most structure on that sheet that you have before you that it is not going to be incorporated to the north part of Fuquay Road Telephone Road intersection. Federal Aid road project which reduces out cost for Storm Water to build that portion, you will see there is a note there to that effect that this will be provided as part of that project.

Commissioner Dan Saylor: You are saying the southern?

Steve Sherwood: The southern end, and I will point to it here on the drawing, this structure right here.

Commissioner Dan Saylor: That is going to be apart of the Telephone Road project?

Steve Sherwood: We had a hundred and some odd gap between this project and the Telephone Road project, Bobby and I met with a consultant a little over a month ago. We didn’t want to leave a gap, we asked if they could extend that project to the north, the felt that they could, and in doing so we would change out that structure as part of the Telephone Road project and then try to soften our cost slightly we are still looking at a relatively expensive project along the amount that was indicated to this Board previously.

Commissioner Dan Saylor: Steve, help me understand. On the northern part of this drawing, so you have the structure that is going underneath Fuquay Road, will that be replaced?

Steve Sherwood: Yes.

Commissioner Dan Saylor: Okay, and what will that be replaced with?

Steve Sherwood: Everything you see solid line there will be a new structure, the wide gray lines.

Commissioner Dan Saylor: Concrete?

Steve Sherwood: Concrete pipe, yes, both of them. The one going across the intersection at Pleasant Ridge it will be staggered at a higher elevation meaning most of the water is going to be invited to go south in this major structure on the east side on Fuquay Road, there will still be overflow however, but it wont be obviously the quantity that you’ve experienced and seen in the past. I have asked them to analyze the ditch north of there because we saw the recent video footage from the last storm how it crossed the road north of there and they assured me this would correct this. This is not the final design, but it is still going to trap all of that water north of that intersection and bring it into the system.

Commissioner Dan Saylor: In these big rains I have jumped in the car and went down there and looked at the height of this ditch on the north end versus the height of this ditch on the south end and while this ditch has been full, the ditch on the south end has been half of typically what it is. Most recent here, like a week ago, that house flooded again, but there was probably a 12-inch diameter log by 10-feet that was laying on the side of the road that I think probably got in there and blocked that structure to cause that water to go over the road.

Steve Sherwood: To your point this will change the flow of the water and take a lot more of it south to divert to the ditch to the south hopefully to prevent the conditions that you have previously sited.

Commissioner Dan Saylor: Jason, are you working on the ditch further down and getting that?

Jason Baxter: Yeah, I spoke with Morrie a little bit earlier before the meeting. I am having trouble getting the TROE’s back, so probably going to go knock on some doors. Morrie said possibly give them a call..

Morrie Doll: They’ve been out a month?

Jason Baxter: Yeah, they’ve been out, is that right?

Jennifer Curry: They went out on the 7th.

Jason Baxter: Since the 7th.

Morrie Doll: 7th of August? That is a little soon yet.

Commissioner Dan Saylor: I’ve just gotten a lot of phone calls on this, it seems like we have had two or three heavy rains here just right localized area.

Morrie Doll: Now might be a good time to go out and knock on doors.

Commissioner Dan Saylor: I think so, timing is everything.

Morrie Doll: There is 16 requests, Jason is that accurate?

Jason Baxter: Yes, Sir.

Morrie Doll: And you are still waiting on 9 to be returned?

Jason Baxter: Yeah, we are about a third of the way.

Morrie Doll: And I suggest Steve, Steve and I had to do this off of Vann on a project over there, we literally had to go knock on doors, sit at people’s kitchen tables and tell them how this was going to be a blessing and they really needed to do it, to get them to allow us to do that project. I told Jason that story, and suggested that maybe he wants to call them and say we mailed it to you and have it back or we cant fix this problem, I can come out and explain it if you want me to. Give them one more chance with a phone call so it’s not tracing all up and down the road to get nine people to sign.

Jason Baxter: I added a memo too it, as well just to explain that we 100% cooperation and everything.

Morrie Doll: If Jason wants me to tag along, I can do that, at Jason’s request he can let me know if he wants me to participate, if not I’m sure he can handle it.

Jason Baxter: Yeah, once I contact them I don’t expect them to have a problem.

Steve Sherwood: I believe most of Jason work is going to be on the south side of Tanglewood because it is the most open part and has the least amount of buildings to deal with.

Jason Baxter: Right, that’s the plan.

Commissioner Dan Saylor: You say the south side of Tanglewood, you’re talking about the subdivision?

Jason Baxter: The ditch.

Steve Sherwood: South side of the Tanglewood Ditch.

Commissioner Dan Saylor: Okay

Steve Sherwood: That goes through Tanglewood Subdivision.

Commissioner Dan Saylor: Bobby, do you think cleaning that out will help that street that is flooding now?

Steve Sherwood: Brownwood Court.

Bobby Howard: It would help with part of it, because it floods there when it gets backed up.

Commissioner Dan Saylor: Right, the street to the west of that drains perfectly and that is the street that you guys worked on and put additional drainage in?

Bobby Howard: Yeah we put additional drainage in this other one as well…

Commissioner Dan Saylor: But the street is lower, correct?

Bobby Howard: Yeah.

Morrie Doll: Was this cleared 5 years ago? Its grown back up in the last 5 years.

Steve Sherwood: Since the Tanglewood Drainage Project per say.

Morrie Doll: Jason and I talked about chemically treating the cuts to try and retard future vegetation if possible, that will be part of any bid that we let if we can I know Jason has concerns about liabilities, we always have those concerns.

Steve Sherwood: This project continues down stream to Sandalwood which adjoins Tanglewood Subdivision to the Gardner-Webb Ditch I believe.

Jason Baxter: Yeah.

Commissioner Dan Saylor: It’s all grown up

Steve Sherwood: A lot of willow trees that have grown rapidly.

Commissioner Dan Saylor: So, what is the next step on this Tanglewood?

Steve Sherwood: I would just like the Board’s consensus to move forward with the plan that you have before you so we can keep this thing proceeding for 2021 bid letting is my goal.

Morrie Doll: The cost on the total project is pretty significant.

Steve Sherwood: Yes, we are still below a half a million dollars projected, engineers estimate is still beneath it.

Commissioner Dan Saylor: Shifting some of that cost to the Telephone Road project has probably helped a little bit.

Steve Sherwood: That would be 80% Federal funded.

Morrie Doll: That one…

Steve Sherwood: That one piece up by adding it to that project.

Commissioner Dan Saylor: Did you encumber some 2019 monies, or will you be encumbering some 2020 monies?

Steve Sherwood: Correct, and we still have a surplus of the A-formation amount of $700,00 that we should be able to draw against with Council’s permission.

Commissioner Dan Saylor: So, this wont create a hardship with any other drainage projects going on in the County?

Steve Sherwood: We don’t think so at this time.

Commissioner Dan Saylor: Perfect.

President Bob Johnson: I will entertain a motion

Commissioner Dan Saylor: I will make a motion to give Steve the authority to proceed with the drainage improvements for Pleasant Ridge Drive, Fuquay Road corridor.

Commissioner Terry Phillippe: Second.

President Bob Johnson: All in favor 3-0

Steve Sherwood: Thank you, at the appropriate time I will have the Design Engineer come back to update the Board on this project. Last item I have for the Board is the next project that I am putting out for bid went out last Friday, August 21st this one kind of jumped to the fore front based upon the localized flooding that has happened at 2344 Lake Ridge Crossing, I believe Commissioner Saylor is familiar with that issue. We had pipe collapse, it was shown to be collapsed from basically occupation of the drainage easement and the trees that grew adjacent to it, this will replace that structure and its entirety and we will raise that structure out of the pond or Storm Water retention lake that exists. I should have those bids back at the next Storm Water meeting on I believe the September 14th meeting. Seeing Joe is not in the audience, I will not ask him for anything he may have and that is all I have for the Board unless they have any other questions.

President Bob Johnson: Anything else? Bobby, anything? Okay.

**MOTION TO ADJOURN**

Commissioner Dan Saylor: I make a motion to adjourn

Commissioner Terry Phillippe: Second.

President Bob Johnson: All in favor. 3-0