



MONROE COUNTY STORMWATER MANAGEMENT BOARD
July 8, 2020 AT 3:00 PM

[The meeting will be held remotely](#)

AGENDA

I. CALL TO ORDER

II. APPROVAL OF MINUTES FOR – June 11, 2020 and June 24, 2020*

III. NEW BUSINESS

- a. No records were found in minutes for election of Stormwater Board officers after January 2019. Election of officers should be made.*
- b. Stormwater Board meeting November 11th falls on Veterans Day. Reschedule.*+
- c. Expenditure Report for June.+
- d. Examples of similar Application and Inspection Fee schedules are provided for discussion.+
- e. Provide continued discussion for Board questions from previous June meetings.
- f. Stormwater Board and FSG agreement.

IV. ADJOURNMENT

- * Action required to approve/deny
+ Attachment included

Date of next meeting: August 12, 2020

Anyone who requires an auxiliary aid or service for effective communication, or a modification of policies or procedures to participate in a program, service, or activity of Monroe County, should contact Monroe County Title VI Coordinator Angie Purdie, (812)349-2550, apurdie@co.monroe.in.us, as soon as possible but no later than forty-eight (48) hours before the scheduled event.

Individuals requiring special language services should, if possible, contact the Monroe County Government Title VI Coordinator at least seventy-two (72) hours prior to the date on which the services will be needed.

The meeting is open to the public.

MONROE COUNTY STORMWATER MANAGEMENT BOARD
JUNE 11, 2020 AT 3:00 P.M.
(Meeting held remotely via Zoom app)

Present: Trohn Enright-Randolph, Penny Githens, Julie Thomas

Absent: Lee Jones

Staff: Donna Barbrick (Secretary), Terry Quillman (MS4 Coordinator), Connie Griffin (MS4 Assistant Coordinator), David Schilling (Legal)

Others: Jason McAuley

Call to order: In the absence of Lee Jones, Penny Githens called the meeting to order at 3:04 pm

Approval of Minutes for May 14, 2020

Julie Thomas motioned for approval. Penny Githens seconded. Githens asked for comments or corrections. No one spoke. Connie Griffin took a roll call vote. Vote: Trohn, Yes; Githens, Yes; Thomas Yes. Motion carried and minutes approved.

NEW BUSINESS

Monthly Stormwater Expenditure Report for May

Terry Quillman said I would like to go through these because I am concerned we may not be done in an hour. He said there was nothing unusual in labor and fringes. He said in the 20s, there was \$5,400 in fleet maintenance, with significant repairs on the Gradall and the stormwater truck. He noted an expenditure for backfill material and pavement repair. He said we corrected a drainage issue where we had to remove a driveway within a right of way and set it at a different grade to allow water to pass by the drive. He said that cost \$3,600 of the \$8,100. He said in the 30s, under vehicle maintenance there was \$2,557 for another truck repair. He said the Vac-tor truck has some miles and we had it in Indianapolis for repairs to the tune of \$6,400. He said we have not been using flaggers lately. He said that concerning installation of a new water main for a flush hydrant at the garage so we can fill the Vac-truck from there. He said under professional fees, I have asked for easements to be prepared for some improvements on Rhorer Road.

He said Connie might want to speak about the contest winners for the 2021 calendar. Connie Griffin said we had just enough participants; with school closing early we just made it. She said it is being printed now and we will have it at the end of June and we will hold the contest again for next year. She said the winners got \$100 for a month and then \$150 for the cover page. Quillman said we are hitting the right niche of people and age group in my mind.

Quillman said I would like to note that Cherry Lane project is now finished and I will pull that out next month. He said Mount Tabor Road is progressing. He said on Stipp Road, we are trying to get the approval through the Corps. He said on the second page, in the expenses, with Stipp Road, there is permit processing. He said Truesdel Road is finished and I will be pulling that off the report next month.

Githens asked if Cherry Lane came in under what was estimated. Quillman said it was under by a few thousand dollars.

He said at the County Highway garage, the BMP that I am having built, the line number there is for design. He said there is some post-design money in that and also next month there would be an item for construction of the BMP when construction begins.

Githens said because I was not prepping to run the meeting I would like to ask my colleagues, do we need a motion to accept the monthly report. Thomas said no. Githens said I don't have any questions. She asked if there were questions. There were none.

Budget Projection and Transition Plan

Quillman said I started this conversation back in January raising several questions. He said you instructed me to go back and do some more. He said I have made projections on the calls we get and the services we are providing to improve our service on call turnaround and then provide for some manpower to make long term improvements and then projections on what I thought would be needed for manpower and equipment. He said in addition, I looked into making estimates on four projects we are looking to fund, what we might do with bonds and what we might get accomplished. He said I recognize that some of these projects may be put on hold with all the changes due to the virus. He said I want to present this so you can be thinking about this and think through fee increases if you are inclined to do that. He said there is also material on what other MS4s are doing, what Bloomington is doing. He said I think we are right in the middle of the boat if we were to increase it to about \$70.41 a year or \$75 a year. He asked if there were any questions, if anyone had an opportunity to look at it.

Githens asked if a second crew were added, how quickly would we be caught up. She said you note a lot of backlog on projects. He said in my projections, it points out that we are at about 150% roughly, taking calls in and what we are turning out. He said if we added another crew they would be able to address that additional 50% but, just as important, we have jobs that will take some planning and correction. He talked about projects on Truesdel Lane, Cherry Lane and other projects.

Githens asked how much additional equipment we would need for a second crew. Quillman said we are down a crew member now; we had seven. He said if I were to bring in two more crew members that would allow me to run two crews and generally we need a piece of machinery, a mini excavator and a couple of trucks to haul dirt away and in and out. He said that would be it. He said the tandem trucks that I push for are about \$160,000 each and then additional payroll with two crew members of about \$40,000 salary each, plus overhead and fixed expenses. He said the mini excavator would cost less than a Gradall. Githens asked about sharing equipment. Quillman said absolutely. He said another way to ease into this would be renting equipment by the day.

Julie Thomas said I think it would be useful for the public to talk about the increased staff, the fee versus what others are charging but also how you calculated in having an inspection program for permits. She said we talked about that last time and how important that is. She asked have we looked at some of the costs because the developer should bear that cost but it is an important part of the permit process to make sure we are not causing problems for other homeowners who are maybe downstream or downhill.

Quillman said one of our chronic issues is going back and doing maintenance on storm systems that were not put in properly and are failing in projects that are not that old. He said that demonstrates a need to have a site inspector during construction. He said that would reduce a lot of our maintenance. He said doing that would bring on another staff member in the \$40,000 range plus fixed expenses. He said you would have to have a vehicle for them to get out to the sites. He said beyond that I don't know of real significant costs but that leads to staffing expenditures that we have and I think that these inspectors, their time should be passed through to the developer as a fee for providing that inspection since they are the ones that are generating the need. He said I think we need to have them pay for that staffing. Thomas said my question was, in this plan, have you allotted for that and how would that work with that staffing and inspection program in place. She said and we still need that second crew and also that inspection program; how do those things work together financially.

Githens asked would the stormwater inspector generate fees that would help offset some of the salary and other expenses. Quillman said the developer could be invoiced for the inspector's time. He said that could be done; we could develop a fee structure that would pass that cost along to the developer. He said in my mind developers should be paying for that inspection cost. He talked about projected expenses for two crew members, two trucks and mini excavator. He said we could ease into that and try to use trucks that are available from the Highway or whatever is available.

Trohn asked about easing into it. He said right now you are saying that the capacity of the crew is insufficient to meet the demand. He asked is there a way that you are trying to incrementally add staff. He asked when do you anticipate adding the crew because once you add crew members, you have a fixed cost. He said that due to certain limitations we can only increase our fee amount by 3% so even to get to ten dollars less than what the City charges would be about nine years, it looks like. He asked so when do you think it would be a good time to add the staff members. He said because I am curious if that is part of what you are trying to do here and if not then I think we should be careful because every time we want to increase by 3% we are going to have to go through these conversations and get support. He asked doesn't the county council have to approve that request as well. He said so my question is, when do you anticipate needing those crew members and when can you sustain that additional staff when we are still fighting to have a sustainable budget already because the work demand already outmeasures our staffing. He asked how we would continue to build in sustainability in the budget. He said that is my fear. He asked do we add two staff and then not increase it by 3% for another four years.

Quillman said you have pointed out the issue of limiting fee increases to 3% and that is a question that I have for Legal. He said my thinking is to bring it up to match what the City is doing, \$70.41. He said if we are limited to only a 3% increase then this would happen over a

long period of time. He said if we can increase it to the \$70 then we can bring on additional staff and take some of those fees to allocate to a bond to provide funding for some of the larger projects from the long term plan.

Trohn said so a lot of this hinges on being able to increase it to the desired amount and, if not, we would have to reconfigure a few things. He said, okay, thank you.

Lisa Ridge said I wanted to make a point with Julie talking about the inspector position. She said we toyed with this a lot with the Planning department and if they would be using this position also and what would we do with grading permits and that's why that inspector position is not a huge part of this plan because we have been in discussion for probably a year or so. She said we want to utilize that position the best we can to help everybody involved who is dealing with developers. She said Trohn, you are correct, if we can only do this at 3% then that hinders us on trying to move forward and increasing the staff to what we feel is adequate and doing the projects that we want to complete. She said I think that would keep putting us farther behind. She said we didn't know if there was any way around that part of the ordinance or not.

Thomas said my question is, the opportunity to bond is present but that comes out of the stormwater fee, right. She said it is like a revenue bond based on that particular fee coming in so if you did that and also increased staff then that is sort of double dipping into the fee and that could be problematic. She said I think all of these things need to work together very carefully.

Githens talked about expensive equipment that needs to be replaced in the next year or two. Ridge said I think this report gives an overall picture of how far behind this is. She said you can't have the revenue the way it is now to get things accomplished and we feel very inadequate on what we get done. She I think the report shows the numbers and justifies why we need the fee increase. She said there is not another option at this point.

Thomas said I agree this is a great report to have and for the public to have access to because it shares a lot of important information about the work that gets done every day. She said it may not be something happening in someone's specific neighborhood but it may be on a road they travel on that has been impacted and corrected and their life is easier because of it. She I think the thing that would normally happen would be that this board would need to make a recommendation to go before the budget hearings with the council and I assume we would have to do that by July.

Trohn interjected well, it is not a recommendation, right, and this board has to approve it to move it forward. Thomas said we would have to approve it but I guess what I am saying that to the council it is a recommendation. She said my question is, is the July meeting soon enough to have that vote to have it impact and go through the council or can we only really do this next year. Trohn said I would be hesitant to move too quickly with this. He said obviously we have not advertised it. He said I am saying I would like to treat this more delicately and try to get some public input and listen to what they have to say. He said with not meeting in person, it would be a little trickier but I would like to get feedback from the public and maybe even shoot an article to the editors and get a public notification. He said we are talking about a ratepayer fee and I would hate anyone to feel like it wasn't exposed to them for discussion.

Thomas said my concern is that we need a timetable to understand the impact on taxpayers, when the council would hear it and if we are talking about 2022. She said because I don't think we are on time to do 2021. She said I might be wrong about that but I am looking for a sense of the timetable. She said if we move slowly, we have to understand what the implications are.

Githens said I wonder if we can do this without holding a special meeting. Thomas said the council would also have a hearing. She said I would like to hear from Legal about the timetable and process for passing an increase and then when does the council hear it and when does it become effective. David Schilling said I will look into that. He said I was under the impression that you could just amend the ordinance at any time and start collecting that but I will check on that. Ridge said I appreciate it, Dave, if you would look into that. She said our goal was to put the report together and then have a discussion of the next steps. She said we know we want public comment and then go to the council for a hearing; there is a process and this was just our starting point. She said we don't want to rush anything; this was our first step to raise the fee. She said if Dave could get us a timeline then that would help us out tremendously.

Thomas said yes, it needs to go to council and then it gets attached to property tax bills so I think it would be pay 2022 that we are looking at.

Trohn said I have one more comment but no further questions. He said when the report looks at five major factors, one was policy and code, and it immediately talks about education. He said if we increase the fee if we could focus on the youth and that is the one comment I have. He said in my opinion, and I would love to hear others, we can't miss educating the youth. He said because if people are doing things appropriately and preventing situations occurring that will outweigh a lot of expenditures and then the cost savings is invaluable. He said it's addressed in there but I am wondering if we could bring that out a little more and really make that part of our mission moving forward. He said we are increasing the fee to an amount that will meet the demands and comparable to what the City already has and would look more average across the state.

Thomas said I agree with Trohn's comment and it might even be worth it to make that a separate chapter in this report. She said I think some ideas about how to pursue that education process would be useful whether it be putting together curriculum packets for classrooms or doing programming in the schools but also education for the adult community, for everyone who has property or resides in the county, they all need to understand what the implications are. She said education is important and if you separate it out, that would highlight a bit more. She said the other thing I will say is that this is a cost related to climate change. She said we have had such massive rain events. She said this is one of the costs that goes up with climate change because we are dealing with massive rain events when they happen and then drought and then very wet winters. She said this is one of those things where our community was developed with a different climate than what we are experiencing more nowadays. She said I don't see this as we are doing anything new or outrageous; we are trying to take care of business and protect property in the county because what happens upstream can impact you. She said thank you.

Quillman said I will add something into the report addressing education. He said I would like to say to all of you that you just made Connie very excited. He said she is excited about the education element. Trohn said I agree with Julie on that education element.

Githens said it also speaks to why there is a need to increase the fee. Julie said I don't think it would be bad to add something more substantial about climate change. She said I don't think it would be a bad thing to set aside some text about why our costs are going up and to provide some data on the massive events we have had in just the last five to ten years. Githens said I think sometimes when we talk about average rainfall that doesn't tell us about heavy storms so I think we need to select out the worst days and what that has meant to the demand on stormwater. Quillman said so far what I am taking away is to work on a time frame, get a chapter into the report on education and then more about climate change. He asked if there was anything else.

Githens said I think one thing that was missing for me and maybe I didn't do a deep enough dive but I couldn't tell for 2021, for 2022, for 2023 what the projections are for equipment needs. She said you told when stuff is likely to wear out, but it was harder for me to go through that year by year in terms of what the replacement costs might be.

Julie said this is something where I don't think that anything legally prevents the board of commissioners from considering heavy equipment for a bond. She said so that is another option. She said I just wanted to throw that in the mix as another possibility.

Quillman said on page 30 I tried to show the green line as basically our budget now and then the lower green line would be what happened if we raised it by 3% and then the upper green line is what it would be if we increased the fee to \$70.41. He said the dark blue line is what our expenses are now. He said if we project out for 2021, there are blue lines with alternatives. He said just so you can see how the money would be going. He said Penny you are right, it doesn't address time but the point I want to make is that if we bond something we don't want to make it so tight; I think we need to budget them in now and then when we could bring them in when we feel it is appropriate. Githens said I think when you bond, you are contracting things out and it is not the same as doing the project in-house. Quillman said that is correct.

Ridge said I think we needed to get to this point with designing some of the bigger projects. She said requests come in daily and that will not ever go away. She said I think the big issues right now is getting information from Legal, and then a timeline that would help us. She said and then if we can only do the 3% at this point, then that changes the whole picture or can we do the \$70.41 and make the plan work. She said I would love to do it all and get it all done. She said I would love to see the bigger projects constructed. She said we can't commit to any of that construction until we know about the fee.

Githens said Commissioner Thomas and I have to step out in about ten minutes for another meeting. Thomas said I would like us all to read through all of these pieces and then send comments and questions. She said I know we are going to try to change our meetings to Wednesdays but I would not be opposed to having a second meeting this month to be caught up. She said I feel like I skimmed through everything but I would like to go back and re-read.

She said I wonder about trying to have another meeting. There was a discussion about scheduling another SWMB meeting in June.

Plot Plan Checklist

Cave Creek Memo

Cave Creek Summary and Christopher B. Burke Engineering, LLC Report

Quillman said I put in the full Cave Creek report in this month's packet and I wrote a one-page memo and included the report to get it on the record. He said also I put together a format for a checklist for plot plans and I think it is in good shape and I sent that over to Jackie (in Planning). He said there are a lot of details; I am looking to get that going also.

Githens said regarding Cave Creek, it looked like property buyouts would be over \$1.5 million. Quillman said it depends. He said there are a couple of homes that are in real danger anytime we have a three-inch rain and those homes are \$100,000 each. He said if you look at the 100-year flood, there are about six houses and that kicks up the amount. He said I have had conversations with Dave about buyouts but it doesn't seem like that is a good policy to start but that is something maybe for another conversation.

Trohn said definitely, because I have attended different meetings where they are ramping up repetitive loss acquisitions and working with DNR on buyouts. He said there are programs for repetitive loss; I will try to pull some notes and send them your way, Terry. Thomas asked if that was coming out of FEMA or flood insurance companies themselves. Quillman said I can look into it. Thomas said there is so much to talk about; I am glad we are going to meet again. Githens said every time we meet I learn so much.

Trohn motioned to continue the SWMB meeting to June 24 at 3:00 p.m. Thomas said I second that, noting that it is the same agenda. Quillman called the roll. Vote: Trohn, Yes; Penny, Yes; Julie, Yes (unanimous). Motion carried.

Meeting adjourned at 3:58 (to be continued on June 24 at 3:00 pm).

MONROE COUNTY STORMWATER MANAGEMENT BOARD

Continuation of Meeting from June 11, 2020

Reconvened remotely via Zoom App on June 24, 2020, 3:00 PM

Members Present: Trohn Enright-Randolph, Penny Githens, Julie Thomas, Lee Jones

Members Absent: None

Staff: Donna Barbrick (Secretary), Terry Quillman (MS4 Coordinator), Connie Griffin (MS4 Assistant Coordinator), David Schilling (Legal), Hans Kelson (Tech Services), Lisa Ridge (Highway Director), Brady Egan (Tech Services)

Others: Jim Faber, Jason McAuley

Penny Githens reconvened the meeting at 3:04 pm on June 24, 2020.

Penny Githens asked when I was looking back through the transition plan, I wondered, do you feel like we got through the transition plan the way that you wanted to.

Terry Quillman said if you went through it, I think as long as that got transferred over to Greg Guerretaz and he includes that in his proposal. He said I will be working with him, I assume. Githens said there was a big proposal about shifting the amount of the stormwater fees. She said we did not take a vote and I know it would have to go through the ordinance but I would like help to know whether this group needs to make a recommendation.

Trohn Enright-Randolph said this board needs to take action; whatever happens, we approve it. He said this is the first step. He said we are not somebody who provides recommendation; if we don't have to proceed, we don't have to. Githens said right, but it was my understanding that the ordinance that was passed by the Monroe County Commissioners set a 3% rate.

Julie Thomas said Council has to approve as well.

Lisa Ridge said a big part of this was coming back with what we can do with the policy in the existing ordinance and then a schedule. She said that was a big reason why we continued the meeting.

Quillman said Dave (Schilling – Legal) has a schedule and that answers questions about the scheduling. He said he has received a proposal from FSG that will firm up the analysis on the financial end using my projections and what I think we need in the next few years as far as staffing. He said the proposal will provide that and he has the proposal as an action to be executed today.

Dave Schilling said this is just a tentative schedule and if the report is done more quickly, we can move that up if you want. He said you probably don't have to take action on the proposal today; you could move that to your next meeting in July if you like. He said I think what we were talking about was having Greg's report deal with a couple of different options. He said for example, keeping the rate the same – what kind of projects could we do with that or have an option for adding a certain level of staffing or have an option dealing with certain projects – things like that, so you could have a number of things to think about.

Thomas said I would suggest that we address this at our July meeting and I would want the public to be aware that this will be on the agenda. She said because this just arrived a couple of days ago. She said part of that for me, is that we had talked about moving our meetings to Wednesdays, anyway.

Quillman said I have several things coming up on the agenda and Dave has a draft of the ordinance coming up so if we can get more than an hour that would be great. Quillman said I will move the meeting. Ridge said be sure to get with Dina so she can notify CATS and everyone.

Schilling asked so the next SWMB meeting will be at 3:00 pm on July 8. Thomas said yes.

Trohn said I have a few questions. He asked Dave, if you could just clarify about the procedure to amend the policy – does that have to come from SWMB or is this something that the commissioners can take up freely? Schilling said it's up to the commissioners; they can handle that any way that they want. He said they have the absolute say so they could just do it or they can run it through a SWMB hearing. He said I could have a couple of options for you at the next meeting if that is desired. Trohn said thank you. He said but as far as an increase that does pertain to the SWMB so the local policy of the 3% increase, that is

something that the Commissioners can take up as they choose but to move and do the increase that is a SWMB decision.

Schilling said SWMB has to conduct a hearing first and make a recommendation. Trohn said but we are not making a recommendation; it's a request. He said we are requesting them to approve those. He said it might be semantics but I want to make sure that the authority of SWMB is clear. He said some of the points that I had -- I will make the same comments at our next meeting; this goes with the proposal that we saw last month. He said some things I see about the ratepayer fee -- how does this complement or implement the AMEC Foster Wheeler long-range stormwater improvement plan. He said I would like to see how this coincides with the 25-year long-range plan with the potential fee increase. He said the plan/document cost the county over \$100,000 and it needs to be fully utilized. He said also we need to see some type of mechanism to dedicate funds so we can create opportunities/partnerships with ratepayers with pre-existing stormwater issues. He said also I would like to see a mechanism to dedicate funds for educational outreach. He said those are my comments for Item B; those could be carried over with FSC Corp. He said I would love to hear what the board thinks also.

Ridge said the only thing that I can say about the long range plan is this is where we took many of our projects from. She said we took that plan and we prioritized. She said many of the costs that are in the long-range plan we feel are just design fees, not construction fees. She said now that we have them designed, construction fees for the four projects we talked about is around \$8 million dollars. She said I do feel we have used that long-range plan as a good tool for where to begin. She said those big projects are so outside of what we take in as a normal request every single day for the residents of Monroe County. She said we have over 200 requests from people who are dealing with issues every single day that can provide to anybody that data about the problems that people are having. She said so I feel like we have provided the justification and we are using the long-range plan to the best of our ability with how we prioritize and how we move forward. She said Terry could add more to that. She said we began this process from that plan.

Trohn said right -- and some of those comments came from the FSG when they were talking about five year goals. He said I just wanted to bring awareness that we integrate some of the capital improvement plans that we adopted in 2016. He said absolutely, Lisa, you did a great job of relating that to your proposal. He said since it is a 25-year plan it would be cool to create a matrix so we can see how we are executing it.

Thomas said I have a question. She said my question is, is there a sense from Terry and Connie that there is a need for additional educational expenditures. She said that might be something that is desired but what are we going to do with that. She said if that were the case, then I would say update the budget request.

Trohn said I am bringing this up to say that we need to look at that aspect. He said I feel like there is so much middle ground where education is important. He said I just want to make sure it is fully being looked at. He said the only thing we have right now is a cooperative agreement with SWCD. He said I would like to see some type of mechanism where stormwater is out there trying to educate as well.

Quillman said I took that from the last meeting where there was interest in expanding education; I challenged Connie to come up with ideas and she is working on that and we will come together on that. He said the role I would take is to be critical of her ideas and be sure there is a good payoff. He said that is something I can edit in my report and give a summary to the SWMB at any time.

Thomas asked if there is the need for an additional person, part time, if that has to be taken into account then we should think about that. Quillman said at this point we have been taking advantage of the fellows from SPEA and that has worked out well. He said as Connie and I are talking I will be thinking about manpower and try to bring you back an answer.

Githens asked if there was anything else on the budget and transition plan. She asked do we need to vote on accepting the transition plan. Schilling said if that is something that the staff is supposed to take as an official document and move forward on then, a SWMB approval would be helpful. Trohn said I think this is listed as a discussion item, not an action item.

Quillman said I would like to add that I put that document together so that the person who replaces me, I can show them and offer guidance; I wasn't really thinking that it would be approved. Githens said fair enough, thank you.

Ordinance Draft

Githens commented I found this a little hard to follow with how the spacing came out. Quillman said at this point I would consider that a first draft from David. He said he has given it to me to review and make sure it marries well with technical standards. He said it's still a rough draft.

Thomas said I realized today that I hadn't finished the email with questions. She said I will finish it and send it to Dave and to Terry, too. She said I do have some policy questions. She said in Chapter 1 #5 – Covered Activities and Exemptions. She asked in A1A there is a discussion of activities that are covered in this ordinance. She said it's pretty comprehensive but I wonder if we can have a quick chat about whether or not to talk about other land disturbing activities. She said is there a reason that we have not really talked about it in here.

Schilling said we have a definition of land disturbing activity in the appendix. He read the definition. He said at the end of Chapter 1, I have attached proposed definitions.

He said this is consistent with language reflecting that policy of IDEM. He said when you talk about fertilizer and stuff like that; I guess that would just be the second chapter where you talk about prohibited discharges? Quillman said yes. Schilling said if we find someone is discharging that into the system we can go after them but if they are applying it to their ground, then it would be harder to detect. Thomas said I guess I am concerned mostly with Eco Zones. She said it seems like there is a big gaping hole with enforcement. She said I don't know what the answer is but I feel like we have an opportunity to address a major pollutant.

Quillman said let me look into it and see what I can find about what others have done and then maybe come up with some direction.

Thomas asked in Chapter 2 (page 12 in the PDF) where you list exempted discharges and connections, is septic considered a discharge or not. Schilling read from that page. Quillman commented that septic fields are not a surface water discharge. He said if the septic is on the surface then it would fall under the illicit discharge section.

Trohn said I have something that goes within that. He said as we move forward I was wondering about having internal stakeholder meetings with Health Department, Planning, Building -- I think we need to get some of their input because there is a lot of significant overlap. He said and, of course, with the public. He said administratively they go through Health, Planning, Building. He said I think we need to bring them into the conversation because we might be missing a big part of how we deal with failing septic and things of that nature.

Githens said some of that goes beyond what I understand stormwater is. She asked about going through this chapter-by-chapter. Quillman said that would be fine. Githens said I went through this with what came in the meeting packet.

Githens asked does anyone else have comments on Chapter 1. Trohn said I think I will reserve my comments so I can put them in written form.

Schilling said with respect to Trohn's comment earlier, I think the idea is to get this drafted and then have a process where everybody takes a good hard look at it. He said it is going to take time. Quillman said Dave has put together the ordinance and I have technical standards that are about 170 pages and I wanted to make sure that's coordinated with the ordinance. He said I'd like to make sure those two documents are in a rough draft form before we send it out too much. Schilling said for example, there's a requirement to apply for a stormwater permit and in the technical standards there is a list of all the kinds of documentation that you need to include in the stormwater permit application and then it will have specifications for those. He said a lot of it is in the technical standards. He said so we are making sure that the ordinance language matches up with the stuff in the technical terms. He said we want to make sure that all the definitions in the technical standards actually appear in the ordinance because if they don't then there is no reason to have them in the ordinance.

Thomas said my questions today are really just philosophical. Githens asked if this would be available on the software permitting that we talked about. Thomas said yes.

Trohn said just another general statement that goes with all of the chapters. He said I would like to see some type of itemized list where changes in discretion or authority are being suggested. He said in one incident, it starts taking discretion from the Drainage Board (DB) and giving it to the Board of Commissioners. He said I would like not to have to sift through it. He said I would like to see a version where changes are being done so we understand where we were and where we are moving. He said I have been actively outspoken about having the DB have more teeth in the game. He said without the DB having any authority, it's just a recommendation and then that puts the MS4 Coordinator in the hot seat whereas if you have an independent body with geologists, drainage engineers and such saying this is what we want to see ... He said this is for the longevity of our county and I'd like to see things more itemized rather than having to sift through for changes.

Githens responded to Trohn I think what came with the packet two weeks ago it has the changes marked the way you'd like to see. Trohn said I would like to still see that moving forward before we go to a version where it doesn't have those strikethroughs.

Schilling said no problem; I have that on my system although there are so many different changes that I don't know how useful it will be but I can make that available to you. He said basically, I think the way the discretion goes is that DB retains its discretion to approve subdivisions and things like that and minor things can go to the MS4 Coordinator. He said then if MS4 Coordinator feels uncomfortable, he or she can send it to the DB. He said DB decisions could be appealed to the Commissioners before it would go to a court. He said that is the rough outline of what the authority scheme is.

Trohn said I am wondering where else in the ordinance things are shifting. Thomas said if I may make a suggestion, if there is an issue of authority that could that be highlighted in yellow or something or a major change could be highlighted. She said once you start moving sections around it's very confusing and hard to follow.

Ridge said I would like to add, I am not sure how it is stated but I believe in the code it says the DB consists of a drainage engineer. She said we technically do not have a drainage engineer on board. She said Terry is an MS4 Coordinator and I am a highway director and I do not have drainage expertise. She said I think if you can get more engineers on that board, even our highway engineer, that would be good. She said we don't want to abolish this board; it's a great board. She said it deals with more technical aspects so if we could include more of the local engineers or our highway engineer, I think that would help. She said we are trying to update everything at the same time, if that makes sense.

Githens said back to the document, moving forward to Chapter 2. She asked if there were more comments or questions from the group. Trohn commented it is shaping up nicely.

Githens read “Chapter 3 – Stormwater Quantity Management.” Thomas commented in Chapter 3, Section 1 or somewhere in Chapter 3 or at the beginning, I would like an acknowledgement of climate change and the impact that it has had. She said I think it’s important to have that somewhere in this document. She said I noticed its absence here, as well. She said because it does change the frequency of significant storm events. She said that changes stormwater and our community in a big way. She said I want to say big kudos for saying “it is realized that most streams and drainage channels serving Monroe County do not have sufficient capacity to receive and convey stormwater runoff resulting from continued urbanization.” She said thank you; that is huge.

Thomas continued by saying in Part 2, I wanted to ask a couple of questions. She said I would assume the DB is going to review the technical standards portion. Quillman said it is my plan to have them review the whole manual, ordinance and the technical standards. He said at some point I will make it public and send it to all the local engineers practicing here, the DB and any other groups that have an interest in it. Thomas said thank you. Schilling asked Julie Thomas would your reference to climate change be appropriate under Chapter 1 Section 3, Findings. Thomas said yes, Findings makes sense. Quillman said references for Findings were on his to-do list. He mentioned NOA increases in rain amounts.

Githens said I think it is important to talk not just about climate change in terms of amount of rainfall but also rainfall more concentrated which means more baking of the ground, making it less absorbent. She said it hits from multiple sides.

Githens read “Chapter 4 – Stormwater Pollution Prevention for Construction Sites.”

Quillman said for the most part Connie manages the construction sites to make sure they stay in conformance with their Stormwater Pollution Prevention (SWPP) documents. He said we are trying to change a mindset out there and not very many are willing to change and go along with it. He said fortunately we have IDEM on our side and we are following their leads. Githens asked so this is an enforcement issue. Quillman said for Connie, yes, and she pulls me in when she needs assistance. He said they are required to prepare stormwater prevention and pollution plans and for the most part that gets discarded when construction starts. He said we try to reinforce it right from the pre-construction meeting. He said Connie is wrestling with the contractors to adhere to the SWPPs.

Ridge said this kind of gets into the transition plan. Quillman said this reinforces my goal with the inspector. He said that person could work and support Connie; together they can do things more efficiently.

Thomas asked about in 1 C, in the penultimate paragraph, there is a discussion about how an individual lot with land disturbance less than one acre located within a larger permitted project site is considered part of the larger permitted project site. She asked what if the land disturbance is less than one acre is not part of a larger permitted site. She asked is there clarity on, especially at the end talking about single family residential projects, at what point is there a permitting process required and at what point there is there not, for the average reader. She said maybe set that out at the beginning of chapter. Quillman said I would say that explanation is standard to what I have seen in just about every other ordinance. He said if it is less than one acre, it’s not required to get an NOI. He said if you are disturbing less than an acre for a single-family house and it’s in a subdivision, then you still have to follow the SWPP plan for the entire subdivision.

Schilling commented the second to last sentence on page 20 makes it clear that individual lots are required to submit individual lot plot plans permit applications. He said this is something new so if somebody wants to come in to build a house, they will have to do a plot plan. He said there are requirements that Terry is calling for so that we can make sure that what they are doing will not be

causing a problem for them or other people nearby. He said the concern is people just locating their houses in areas where flooding or drainage is going to be a problem. Thomas said I think there just needs to be some clarity at the beginning of this chapter. Quillman said we'll see if we can polish that a little bit.

Ridge suggested a modification in the paragraph. Schilling said yes, and we can have a table if you want. He commented visuals are good.

Githens read "Chapter 5, Stormwater Quality Management for Post Construction."

Thomas said elsewhere you note the inspection and compliance factor in post construction but I guess there is once again looking for some standard language about what is expected post construction versus when someone is actually residing or doing business on the property. She asked is there a difference. Quillman said post construction is stormwater facilities that are designed to maintain stormwater quality and the accepted standard is 80 percent of the total suspended solids.

Schilling said one thing you might be concerned about is what happens after the site is constructed and that is covered on the technical standards, there is a section about operations agreements.

Quillman said one of my pet peeves is we requiring these BMPs and post construction facilities and then they are not maintained. He said I am pushing to get the owners to sign the document recognizing that it is his responsibility and responsibility goes with that ownership. Thomas suggested maybe that could go in Chapter 5. Quillman said I can look at that. She said if we are going to require it, it should be in there, maybe.

Trohn said I absolutely agree. He said I think there is a gap in a lot of ordinances about some of the operational growth if you will. He said I am not saying we should manage businesses' growth but in certain areas, it could have significant impact on stormwater. He said I agree with Julie that after certain things are met, how do we know that they are not going to exceed in other areas. He said I think there are certain things that we could write in the ordinance concerning operational growth that has significant impacts on stormwater and water quality.

Quillman said the idea with the technical standards was that we could just take those things to the DB and have them updated. He said if those things were put into the ordinance it would be more involved to change them. He said that is the reason for the tables in the back; they can be modified more readily. Thomas said that makes sense.

Schilling said Section 1 of Chapter 5 requires the post construction stormwater quality plan and then Chapter 8 of the Stormwater Standards Manual sets forth all the requirements associated with that; there is quite a bit on that which is not in front of you at this time. Thomas said thank you.

Githens read "Chapter 6. Karst and Sinkhole Development."

Schilling said this basically takes Chapter 829 from the zoning ordinance and puts it into the stormwater ordinance and gives the MS4 Coordinator the authority to check out any proposed development activities in the Sinkhole Conservancy Area (SCA). Quillman said Planning would still keep the element of the setbacks and define the SCAs. Schilling said my thinking was that the chapter on SCAs essentially incorporating Chapter 6 of this ordinance so that it is still a land use requirement under the zoning ordinance as well as something in our stormwater ordinance, which is not a zoning ordinance.

Thomas said I have a lot of concerns and I do recognize the language is carried over. She said I will address these concerns about SCAs, I think they are way too small especially when there are a certain number of sinkholes per acre, something else should be happening. She said when land looks like Swiss cheese, there is a reason for it and we don't really acknowledge that in our ordinance or here so I would like to key in on that. She said I have concerns that we are far too lax on SCAs.

Quillman said I'd like to give you an example. He said we had a couple of young kids who came in with a piece of land that they had purchased. He said the land was just covered in sinkholes. He said they put in all the SCAs on it and then they were trying to wiggle in a home and then wiggle in septic fields. He said I didn't have a good way to say no. He said this site clearly should not have been developed but I did not have the means to stop them. Trohn said thank you for the example, Terry; I echo Commissioner Thomas' concerns. He said we are a little lax and recently we have seen things come through where there are ordinances to point to.

Githens asked does anyone monitor sinkholes. Quillman said no one from our office does. Trohn said that is something that maybe an inspector could do from time to time. He said I think there is a shortfall on the way we monitor things, water quality even, and maybe sinkholes.

Lee Jones said right from the beginning I was concerned about the sinkhole ordinance. She said I never felt it was adequate, especially in areas where there are lots of them. She said I have witnessed areas where buildings were constructed without a permit and first you see one sinkhole and then a few others; I think we need to be able to require that when something is built without a permit in an area like that it could be removed or altered or something.

Githens read "Chapter 7, Stormwater Management and Permitting Requirement Procedures." She said some of this for me concerned definitions. She said for example, what is highly erodible; how do you define certain things that are in here. Schilling said we haven't gone through the definition section yet to make changes. He said highly erodible soils are identified in our soil maps. He said for example all the stuff around Lake Monroe is highly erodible. Quillman said they can be identified through CSC; they have mapping and they will summarize the soils as best they know. He said as crude as their system is, it's the best that is available anymore that I know of, short of having a geotechnical engineer making an analysis.

Trohn said I would like to suggest the idea of adding the best available information. He said sometimes as we are using a state level analysis, we do have local data so it would be nice if we could defer to the best available information because sometimes what the State has is not necessarily up to date.

Thomas said I would say that my concerns are mainly on the post construction side. She said on #4E, is that just post construction or is that in perpetuity, those kinds of things. She asked under #5 Individual Lots and Parcels, is that review also in response to complaints.

Quillman said in my mind these are design standards so I am not sure if complaints are addressed here.

Schilling said if the situation arises where someone has blocked a natural drainage way, we have other parts of the ordinance where we can inspect for those things. If someone is creating an illicit discharge, under the enforcement section in Chapter 8, we can go inspect the property.

Thomas asked why is there a Section 4 on Approval Requirements and then Review of Individual Lots and Parcels -- why are these two separate? She said it seems like there are two separate things and I get why there are two separate things but maybe that needs to be in the title just for clarity.

Trohn asked do you think they just need to be arranged closer. Thomas said I think it's the title because there is a major disturbance and a minor disturbance.

Schilling said I think that this gets you back to the Chapter 4 comment about the matrix because that would separate these out. Quillman said I think I can make this clearer for you.

Githens asked about Item 8, Manner and Form of Bond or Assurance. Schilling said those documents are set forth in the technical standards portion. He said that is an area you could discuss. There was a discussion about bonds and situations where they might not be sufficient to cover costs.

Thomas asked how you know what the cost of the drainage is versus the cost of the other landscaping, roadworks and all the other things that you have done to build out that subdivision. Quillman said generally the design engineer will put together a construction estimate and we ask them to break out those different elements. He said what happens is they will come back later and ask for a release of a portion of it and that is when we go out and inventory.

Thomas asked why we are only concerned for a certain amount of time because the rain will continue to fall and the drainage will have to continue to work. She asked so why we are only concerned about a certain time and how does this fit in with HOAs. She asked are we getting a bond for an HOA even though a development is built by a company. She asked how does this all work together and how is an HOA held responsible and how do we recover the cost. She said we saw one instance where the taxpayers bailed out a subdivision HOA that was not pursuing and maintaining what it was supposed to maintain. She said we can't keep doing that and it's not fair to taxpayers because the developer has their money and is whistling their way home. She asked how we ensure that HOAs are set up so that there is funding for maintenance and if there isn't and the county has to step in, how do we have the funds to do that. She asked how we manage that. She asked if there was some kind of bonding. She asked what kind of leverage do we have. She said I am trying to put this all together with some things that have been raised at previous meetings.

Quillman said let me summarize the issue. He said when the developer builds it out, he maintains control of the property and the subdivision until he sells out some percentage and then he creates and turns it over to an HOA. He said when he turns it over, there is an agreement with the developer that he is required to maintain the post construction erosion control measures and BMPs and when it is transferred over the HOA doesn't realize it. He said the developers continue to sell lots out there and the property owners don't realize that they have HOA responsibilities. He said the best thing I could come up with is some kind of an education process but that seemed very labor intensive; it is a form of education.

Thomas asked can we require them to maintain a contract with someone who will continue to maintain the system on that property to continue to meet the standards. She asked at what point do we stop and I don't think we ever should. She said this is a forever thing.

Schilling said we tried that with Fieldstone. He required them to maintain a contract and that didn't work out. He said we have in Chapter 8 Section 2H about costs and abatements of violations. He said if somebody violates the ordinance and we have to go in and fix it, we can charge that to them and if they do not charge we can put it on their taxes. He said we might to add language about HOAs.

Thomas said I don't know what we need to do; I am just trying to raise the questions. She said something could be affordable housing in an HOA subdivision and then those houses become very unaffordable if there is a drainage problem that is not addressed. She brought up the possibility of an HOA not having a contract for maintenance and having the county do the maintenance and charge for it. She asked what do my colleagues think.

Trohn said we need to start thinking out of the box. He said both of those are excellent ideas. He said even maybe something like a legal drain, where if there is bio retention on the property that some of that assessment goes to coffers that go to maintaining that which could then be utilized by the HOA potentially or by the county and that could then incorporate more staff to facilitate the maintenance. He said we have a huge issue with developers creating HOAs and then moving it to them and stepping away and if something happens, the property owners are on the hook or the county has to step in. He said in one of those incidents that was alluded to, there was a major impact on homeowners downstream. He said we came in to fix the issue that caused the onerous burden. He said as we look at this so if there is any way to put more teeth in our ordinance to deal with stormwater, bio retention on development plans, I think this is a great opportunity because if not, they will just continue to pass the buck to HOAs. He said not everyone is a bad player but there are a few so we need more options.

Quillman asked Schilling about writing something in the ordinance requiring a maintenance contract or somehow demonstrating that they have provisions to maintain. He said that would put the pinch on them to get it under contract. Schilling said yes, again at Fieldstone, we had meetings and said you are on the hook for this and then they say, hey, we pay stormwater fees. He said you are going to get it from the people on that point. He said if that's ok, that's ok. Quillman said I am not sure we could force them to have a maintenance contract. Schilling said if it was a condition of the zoning approval then that condition could be enforced. Thomas asked about a commitment recorded with the deed. Schilling said all the Fieldstone agreements were recorded. Quillman said what I require now is what I refer to as an Operations and Maintenance Manual with a schedule and logs and what's required to monitor BMPs. He said I have those signed by the property owner and then we record them but it is dropped somewhere along the line when it gets transferred to the HOA. Thomas said if we had a list, we could check on them annually. Quillman said that is one of the things on my inspector list. Quillman said part of the O&M manual requires keeping logs so we can see if they are keeping up with it. Thomas suggested possibly making the log part of Open Gov.

Githens read "Chapter 8, Compliance and Enforcement." She said there are still multiple items on the agenda. She said let's try to finish the ordinance. Quillman said one of the things I am looking for is a means for Connie to assess a fine if there are issues with SWPP stuff and erosion control. Schilling said if you want to do that we would need to amend Monroe County Code 115 to add Stormwater to the list of things that fines could be issued for.

Githens read we have Abbreviations and Definitions and Appendices. Schilling said there would be a lot of changes in there; some of the definitions are just not clear. Trohn said my comment is something we have discussed with our CDO is it would be neat if we could hyperlink items to definitions for a user-friendly ordinance. Schilling said we could also hyperlink to sections of the technical standards manual.

Githens asked what is the next step for moving forward on all of this. Schilling said I think Terry will go through the Technical Standards, I will go through it for the non-technical aspects and then we probably give it to the DB and engineering firms for comments. He said I hope to spend a few days on it; I want to read the edits, compare to technical standards and try to pull things together. Githens asked will we see this again to vote on? Quillman said yes. He said I would like to get into it more before setting a date.

Trohn asked do you think it would be beneficial to have a joint meeting with DB just to get their perspective on it, also. He said I think a joint meeting would be very beneficial. Thomas said I think I assumed that would happen. Quillman said yes. Ridge said this is how we went for our driveway ordinance and right-of-way ordinance. She said Dave helped us prepare things and helped update it. She said then we met with local engineers and went through it, discussed different things, but in the end we all came to the same conclusion for what we wanted out of the new ordinance. She said this is along the same lines, working with local engineers and everybody being on the same page so I foresee this going in the same direction.

Quillman said I would also like to say that just had a conversation with Siavash Beik (Christopher Burke) and he is still on board and offered his assistance so we still have that support there.

Individual Plot Plan Checklist

Quillman said I wanted to get this out to you because I have strong feelings about more closely monitoring individual houses when they are being built. He said I have issues in subdivisions and in rural areas. He said I feel like I need to get some checks on these. He said we would monitor and look for situations where there might be flooding. He said if you are not careful, your rear yard ditch could flood

your house if you are not looking and reviewing the picture of what is happening. He said I think requiring that will be money ahead for us in the long run.

Ridge said I want to commend Terry for bringing this to my attention. She said for the last couple of years he has showed me pictures and given me a great lesson on where homes were built without consideration for the drainage. She said he has really opened my eyes on this topic. She said I think this is huge in our county especially with all the karst features; I encourage you to support this.

Quillman said I would like to steer this a little differently. He said I want you to think about administering this. He said Planning issues building permits. He said we are going to start requiring plot plans and there will be an administrative need there and we need to start thinking about that also. He said that leads me into a conversation of fees, how we pay for that administrative staff and other things we should be thinking about and discussing in the near future. He said I do not have the answers. He said I think Penny sent me away a couple of months ago to come up with examples of other fees but I don't have that done yet. Githens said I live in town and we are covered under City things. She said they let people build upstream from us on a creek and so we flood more. She said I get impacted by this; I know exactly what you are talking about and I really appreciate what's being discussed. She also had a comment about the logo and Quillman said that Lisa had corrected him on that. Thomas commented that this is the cost of building in this county because it is not a flat place. Trohn said this is definitely something that will hold people to their obligations. He said this is a great first go-around. Githens said I thought it was very thorough.

Trohn said I just wanted to say one another thing. He said this could maybe be pulled out and brought to SWMB as an action item so we can move forward. Thomas said I agree; I don't want to wait for the ordinance. Quillman said ok, I will push this forward.

Cave Creek

(Lee Jones said that she had to leave the meeting at approximately 4:45 pm)

Githens said we talked about this a little bit last time. Quillman said that Julie Thomas had asked about what came out of the study of Cave Creek watershed by CB. He said I had asked them what it would take to add additional detention basins to have an impact on the terminus of Cave Creek. He said they roughly said it would take three more detention basins on the magnitude of the Fieldstone basin. He said it's hard for me to even think about that much detention. He said the issue is Cave Creek drains to the terminus; it goes into the sinkhole. He said it is difficult or impossible to quantify it because the holes open or they closes down with debris in it and the capacity at which it can take water varies. He said there may be an impact of groundwater coming up through the sinkholes which slow the outfall. He said so there does not seem to be a solution. He said there is enough relief on the ground that there won't be an opportunity to create three more detention basins of that magnitude. He said when Fieldstone was built there was an offer to purchase the two homes at the end of Cave Road but it was my understanding that they declined. He said they had an opportunity to get out and chose not to, as best as I can tell. He said we talked briefly about the area that the airport is farming. He said if that were to go back into legumes or something where the runoff coefficient would change a little bit but in the overall picture, I am not sure that would accomplish anything. He said I thought about going back to the detention basins around the Cook buildings to see if they could be modified but it's still a drop in the bucket. He said I didn't really come up with anything and the report recommendations were not very hopeful, if you read the report. He said I think the best thing to do is to read the summary that I wrote. He said the bad news is I am not sure that we can do anything. Thomas suggested limiting development. Quillman said yes, we could limit development and put a permanent hold on development in that area. He said I could decrease the allowable discharge and that would stop any further development. He said even at that, it's difficult if I

put a detention basin in without sluice gates it will fill up and drain down and still contribute to the flooding down at Cave Road because there is such a difference in the time runoff. He said Fieldstone facility works so well because I can shut the gates on it and hold the water for two or three days until the sinkhole has drained down and then release it. Thomas said it seems that the berm system they talked about doesn't have any real advantage. Quillman said probably the best way to do it would be to purchase the properties and I talked to Dave about it but it's a real can of worms. Thomas said maybe we do need to stall out future development in the area until a solution is discovered, which I don't know when that might be. Quillman said in Fieldstone, Steve Smith created a lot more storage than he needed to, which is massive, and I believe that developer offered to purchase those two homes which is another significant investment. Githens asked about limiting future development. Quillman said it's in the ordinance now; we have a list of critical watersheds and that will be transferred to the new ordinance. He said those are pretty much my discretion to limit the allowable discharge and I would look to you guys about development in the creek basin or cutting the discharge or requiring sluice gates for detention. He said those are things I can do the way the ordinance is now. Githens asked about bringing those as an action item to the next meeting.

Schilling commented this is probably more of a zoning issue. Trohn said I was going to suggest the same thing. Thomas asked about options. Schilling said to limit the development of land, it should probably go through the zoning ordinance. Trohn said we could convene an ORC if this is something the commissioners would like to see. Quillman said even in the existing ordinance, there is a provision where I could restrict the allowable discharge if the outlet flow can't handle it. Trohn said so you think what you are saying already limits it. Quillman said yes, if a project comes in, and the ordinance says this but when I can have an analysis done of the downstream outfall and that doesn't have the capacity to handle as much water as the ordinance will allow, I can restrict them to a lower discharge based on that outfall. Trohn said so basically they wouldn't be able to build the project. Quillman said I would be uncomfortable saying "no development" but I could require them to detain to a lower rate. Githens asked does this need to be recorded somehow. Quillman said we might come up with a written policy for the drainage basin and then I would ask Dave how to process that through the SWMB or DB. Thomas said sounds like a plan. Quillman said, all right, I will pursue that for Cave Creek specifically. Thomas said there are probably others but that is the one that is most immediate.

Githens asked if there was anything for the good of the order.

Trohn said I had a question about re-scheduling the meetings to Wednesday and whether that would require a vote. Githens said since it was a consensus, it does not require a vote. Schilling said you might want to adopt a new schedule at the next meeting which would be July 8 at 3:00 p.m. He said I would note that November 11 is the second Wednesday and that is a holiday.

Trohn said we do typically have public comment and we do have a member here so maybe we want to offer him the opportunity. Thomas said we don't have to do public comment and we usually do it on items with a vote.

Jim Faber said no public comment today; I will wait until the next meeting.

Ridge said thank you to Terry and to Dave. She said I think we are headed in the right direction. She said it's great for the community and I am glad we are getting it done before Terry leaves.

Thomas motioned to adjourn and Trohn seconded. Meeting adjourned at 4:56 pm.

Signed:

Secretary:

Chair

Donna Barbrick

STORMWATER EXPENDITURE REPORT - JUNE

Acct No.	Account Description	Individual Invoices	Account Total \$	Monthly % used	YTD % used
10's					
	Labor		31,033.83		
	Fringe		6,676.05		
			\$37,709.88	5.45%	44.48%

20's					
21170	Field Crew Supplies		87.17		
23411	Fleet Maintenance		1,870.13		
23940	Seed/Mulch/Compost/Plantings		77.98		
23950	Pipes		1,841.86		
23960	Backfill Material/Pavement Repair		2,479.16		
			\$6,356.30	4.56%	37.24%

30's					
30218	Laboratory Fees		283.00		
	- Analyze Street Sweepings	283.00			
30321	Professional Fees		250.00		
	- Bidding Docs - Hwy Garage Drainag	250.00			
30700	Gas, Oil & Lube		1,694.90		
	- Monthly Fuel Use	1,621.86			
	- Diesel Exhaust Fluid for Gradall	73.04			
31585	Communications		27.53		
	- Lazer Batteries, AA, D	27.53			
36003	Utilities (Hydrant meters)		132.70		
38230	Equipment Rental		166.73		
	- Rent Hammer Drill & Generator	71.73			
	- Rent Portable Restroom	95.00			
39220	Cherry Lane #15 SW		24,230.82		
	- Drainage Improvements - Cherry L	23,599.82			
	- Fairfax Culvert Engineering Service	631.00			
39288	Stipp Rd/Moores Creek #16 & #4		1,200.00		
	-Design, Task Order 4 - Stipp Rd	1,200.00			
			\$27,985.68	3.26%	76.11%

40's					
			\$0.00	0.00%	309.91%

Acct No.	Contract Items	Contract Amount	Previous Billings	Current Billing	Total Billed	Percent Complete
39222	Baby Creek #3 SW	337,000.00	219,984.97		219,984.97	65.28%
39288	Stipp/Moores	444,418.60	376,881.20	1,200.00	378,081.20	85.07%
30061	M.C. Garage - Construction	218,800.00			0.00	0.00%

			0	
			Monthly % used	YTD % used
JUNE Total			4.14%	67.14%

Fee Schedule for office of Boone County Surveyor

Application and Inspection Fees:

I. Subdivision:

A. Minor Subdivision	
1. Primary & Secondary	\$250.00
B. Major Subdivision	
1. Primary	\$500.00 + \$15.00 per lot
2. Secondary	\$500.00 + \$10.00 per lot
C. Revision – (Change to an approved plat not recorded)	\$250.00
D. Amendment – (Change to recorded plat)	\$250.00
E. Re-Plat – (Vacation of a recorded plat)	\$250.00

II. Shopping Center:

A. Preliminary Development Plan	\$1000.00 + \$15.00/lot
B. Final Development Plan	\$1000.00 + \$10.00/acre
C. Amendment to Approved Final Development Plan	\$1000.00 + \$10.00/acre

III. Planned Unit Development:

A. Preliminary Development Plan	\$500.00 + \$15.00/lot
B. Final Development Plan	\$500.00 + \$10.00/lot
D. Amendment to an Approved Planned Unit Development	\$500.00 + \$10.00/lot

IV. Development Plan Review:

A. Preliminary Development Plan	\$500.00 + \$15.00/lot
B. Final Development Plan	\$500.00 + \$10.00/acre
C. Amendment to Development Plan	\$500.00 + \$10.00/acre

X. Residential:

1. Single Family Dwelling	\$200.00
2. Two Family Dwelling	\$250.00
3. Additions	\$50.00
4. Accessory Structures	\$50.00
5. Detached Garage	\$50.00
6. Swimming Pools	\$50.00
7. Relocation	\$50.00

XI. Stop Work Orders:

A. Permit Re-instatement Fee	Minimum \$500.00 or two times the filing fee, whichever is greater.
B. Continued Construction after Stop Work Order	\$1000.00 first day and up to \$500.00 for each additional day.

XII. Miscellaneous Fees:

A. Copy of Boone County Drainage Ordinance	\$25.00
B. Mylar aerial	\$1.00
C. GIS aerial	\$2.00
D. Blueprint copies – 24" x 36" and less	\$1.50
E. Blueprint copies – 36" x 48" and larger	\$3.00
F. Returned check fee	\$30.00

All Fees are Non Refundable
(Unless so permitted by the Boone County Drainage Board)

V. Commercial/Industrial:

✓ A. Application and review \$1000.00 + \$10.00/acre

VI. Individual Residence:

A. Regulated drain outlet \$100.00/outlet
B. Regulated drain crossing permit \$150.00/crossing
C. Regulated drain encroachment permit \$150.00/encroachment

(Note: All fees in this section can be waived or modified by the Boone County Surveyor and/or the Boone County Drainage Board.)

VII. Utilities:

A. Regulated drain crossing permit \$250.00/crossing
B. Regulated drain encroachment permit \$0.25/foot
(Minimum \$250.00)

(Note: All fees in this section can be waived or modified by the Boone County Surveyor and/or the Boone County Drainage Board. All fees will be waived if the permit is for work within a new subdivision. A new subdivision refers to a development granted final approval by the Boone County Area Plan Commission within the last 24 months.)

VIII. Other:

A. Removal of Obstruction application \$25.00
B. Variance of regulated drainage easement \$150.00

(Note: All fees in this section can be waived or modified by the Boone County Surveyor and/or the Boone County Drainage Board.)

IX. Engineering Review Fees:

All engineering projects will require a review fee above and beyond the application fees. The review fee shall equate to the contract rate of the reviewing engineer, not to exceed \$110.00/hour. This fee shall be paid to the office of the Boone County Surveyor and shall be paid in full before any project approval is given.

This Ordinance shall be in full force and effect from and after its passage and approval.
Presented to the Boone County Board of Commissioners and approved on this
14th day of February 2005:

Boone County Commissioners

Betty Lee Cooper
Betty Lee Cooper

Harold "Huck" Lewis
Harold Huck Lewis

Charles W. Eaton
Charles Eaton

Attest:

Kenneth E. Hedge
Kenneth E Hedge, Boone County Surveyor

**RESOLUTION NO. 2020-1-1
AMENDING RESOLUTION 2009-5-1**

**A RESOLUTION TO DESIGNATE DRAINAGE, EROSION AND
SEDIMENT CONTROL FEES PURSUANT TO COUNTY ORDINANCE 154.065**

Be it Resolved by the Board of Commissioners of Hancock County, Indiana, That the following fee schedule is adopted:

Erosion and Sediment Control Fees (Erosion Control Plan, Notice of Intent, Notice of Termination, Inspections, etc.)

- A. Minor Subdivision
\$100.00
- B. Major Subdivision
\$500.00 + \$15.00 per lot
- C. Planned Unit of Development
 - 1. Designated areas for platted residential lots
\$500.00 + \$15.00 per lot
 - 2. Designated areas for commercial/industrial
\$1,000.00 + \$10.00 per acre
- D. Wastewater Treatment Facilities
\$1,000.00
- E. Commercial/Industrial/Shopping Centers: \$1,000.00 + \$10.00 per acre.
 - 1. Variance to connect roof drains to stormwater systems:
\$150.00 per building
- F. Residential
 - 1. Single family dwelling: \$100.00
 - 2. Two family dwelling/Condos: \$250.00 per building
- G. Amendment – (Change to recorded plat)
\$250.00
- H. Re-plat: \$250.00

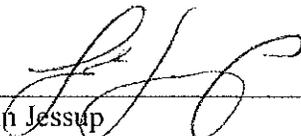
I. CD Copy of the Hancock County Drainage Ordinance
\$25.00

J. Inspection of Storm Sewers for recording plat or bond release: \$250.00

Engineering Review Fees: Engineering review fees shall be in the amount that the consultant charges to review. (This fee is for drainage reviewed completed by Consultants and office staff. It is paid in full before final approval is granted).

Adopted the 7th of January 2020.

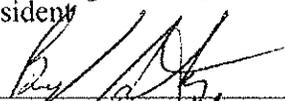
Board of Commissioners
Hancock County, Indiana



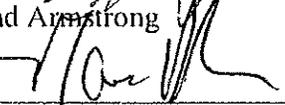
John Jessup
President

Attest: 

Debra Carnes
Hancock County Auditor



Brad Armstrong



Marc Huber



ORDINANCE NO. 2020-08

***AN ORDINANCE AMENDING THE HENDRICKS COUNTY DRAINAGE BOARD
UNIFORM FEE SCHEDULE***

WHEREAS, The Board of County Commissioners of Hendricks County, Indiana hereby amend the Drainage Board Uniform Fee Schedule, which includes the setting and collection of all Drainage Board administrative fees, and

WHEREAS, Section 36-9-27.73 of the Indiana Code allows the Hendricks County Drainage Board the authority to set reasonable fees and collect associated costs from petitioners in drainage proceedings, and

NOW THEREFORE, BE IT ORDAINED by the Hendricks County Board of Commissioners that there is hereby amended a Drainage Board Uniform Fee Schedule as follows:

DRAINAGE BOARD UNIFORM FEE SCHEDULE:

ALL FEES ARE NON-REFUNDABLE

I. SUBDIVISION:

- | | |
|---|------------|
| a. Major Subdivision (additional review fees will apply) | |
| i. Primary/Preliminary | \$1,000.00 |
| ii. Secondary/Final | \$1,000.00 |
| b. Minor Subdivision (MIP) | |
| i. Primary & Secondary (additional review fees may apply) | \$ 750.00 |
| c. Minor Residential Plat (MRP) | |
| i. Primary & Secondary (additional review fees may apply) | \$ 250.00 |
| d. Revision/Amendment/Re-Plat | |
| i. Primary & Secondary (additional review fees may apply) | \$ 500.00 |

II. PLANNED UNIT DEVELOPMENT: (PUD & MAP) (additional review fees will apply)

- | | |
|------------------------|------------|
| a. Primary/Preliminary | \$1,000.00 |
| b. Secondary/Final | \$1,000.00 |

III. DEVELOPMENT PLAN REVIEW: (DPR) (additional review fees will apply)

- | | |
|------------------------|------------|
| a. Primary/Preliminary | \$1,000.00 |
| b. Secondary/Final | \$1,000.00 |

IV. COMMERCIAL/INDUSTRIAL: (additional review fees will apply)

- | | |
|------------------------|------------|
| a. Primary/Preliminary | \$1,000.00 |
| b. Secondary/Final | \$1,000.00 |

(If project is continued 3 times the project will be canceled/declined all fees must be paid and will be forfeited and the project must wait 1 year from original submission date to re-apply.)

All fees received from sections I to IV and all previously deposited fees in GDIF shall be applied to the Drainage Board Non-Reverting Fund (4945-00130-000-0133)

(Appeals can be made to the Hendricks County Drainage Board)

V. OUTLETS, CROSSINGS, AND ENCROACHMENTS:

- a. *INDIVIDUAL RESIDENCE AND FARMS:*
 - i. Regulated Drain Outlet Permit \$150.00 each
 - ii. Regulated Drain Crossing and Encroachment \$250.00 each
- b. *UTILITIES, COMMERCIAL AND INDUSTRIAL:*
 - i. Regulated Drain Outlet Permit \$250.00 each
 - ii. Regulated Drain Crossing Permit \$500.00 each
 - iii. Regulated Drain Encroachment Permit (\$500.00 Min) \$1.00/ft each

All fees received from section V shall be applied to the corresponding Regulated Drain Fund

VI. OTHER PERMITS:

- a. Removal of Obstruction Permit Application Fee \$500.00
 - b. Petition to Vacate a Regulated Drain Permit Application Fee \$500.00
- Fees from (a) & (b) shall be applied to Drainage Board Non-Reverting Fund
4945-00130-000-0133**
- c. Variance of a Regulated Drain Easement Permit Application Fee \$250.00
 - d. Petition for a New or Lengthening of a Regulated Drain Application Fee \$500.00
- Fees from (c) & (d) shall be applied to corresponding Regulated Drain Fund
4946-001133-000-0106**
- e. Address /Alcohol Beverage Verification Permit \$100.00
 - f. Plot Plan Review/s \$100.00
- Fees from (e) & (f) shall be applied to Surveyor's Office Non-Reverting fund
4946-00134-000-0160**

VII. MISCELLANEOUS FEES:

- a. Returned Check Fee (or as stipulated by the Treasurer's Office) \$ 55.00 Min.
- b. 8.5" X 11" to 11" X 17" Copies (Regular Copies) \$ 1.00/Page
- c. Large Copies \$ 2.00/Page

All fees from VII shall be applied to County General Fund

VIII. TELEVISIONING EQUIPMENT, VAN AND PERSONNEL FEES:

- a. Hendricks County Departments (2-hour minimum) \$100.00 per hour
- b. Non-Hendricks County Departments (2-hour minimum) \$150.00 per hour

All Fees from VIII shall be applied to Surveyor's Office Non-Reverting Fund for Televising Equipment upkeep and software updates & new purchase 4946-00135-000-0106

IX. FINES & PENALTIES:

- a. Incomplete/noncompliance with required forms/plans up to \$2,500.00
**Fine/penalty shall be applied to Drainage Board Non-Reverting fund
4945-00130-000-0133**
- b. Working on/damaging/destroying a regulated drain (cost of repair plus) up to \$2,500.00
Fine/penalty shall be applied to corresponding Regulated Drain Fund
- c. Moving or destroying a Corner Stone (cost of repair/replacement plus) up to \$10,000.00
Fine/penalty shall be applied to the Cornerstone Non-Reverting Fund

X. ENGINEERING REVIEW FEES:

Most engineering projects will have a review fee(s) beyond the application fee(s). The review fee shall equate to the contracted rate and time spent by the reviewing engineer and approved by the Drainage Board. Each year the Drainage Board will negotiate and approve the engineer review rate. This fee(s) shall be paid to the Hendricks County Drainage Board in full before the Drainage Board project approval letter is given out and before any new projects can be submitted/approved. New review rates will be posted on the Surveyor's Website once approved.

**Fees from X shall be applied to Surveyor's Office Project Reviews Fund
1001-0003-000-0106 P/T 1001-30206-000-0106**

NOTE: All fees on this schedule can be modified/waived at the discretion of the Hendricks County Drainage Board.

This Ordinance is effective upon passage this 25th day of February, 2020.

**Presented to the Board of Commissioners of Hendricks County, Indiana, and approved on this
25th day of February, 2020.**

BOARD OF COMMISSIONERS OF HENDRICKS COUNTY:



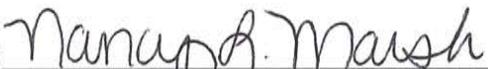
Phyllis A. Palmer, President



Matthew D. Whetstone, Vice President



Bob Gentry, Member

Attest: 

Nancy Marsh, Hendricks County Auditor

JOHNSON COUNTY DRAINAGE BOARD

86 West Court Street, Franklin, Indiana 46131

Phone: (317) 346-4341

Fax: (317) 736-3900

<http://co.johnson.in.us>

Rick Chase, Board Chairman
Andrew Cochran
Robert Weaver

J. Gregg Cantwell, Co. Surveyor
Robert E. Etter
Kevin Walls

THE JOHNSON COUNTY DRAINAGE BOARD APPROVED THE FOLLOWING SCHEDULE OF FEES FOR THE FILING OF PETITIONS AT THE MAY 2017 MEETING

- * **MINOR PLAT - 1 Fee**
 - A. Fee for processing and review up to 1 hour: \$270.00
 - B. Hourly Fee for plan review thereafter \$175.00 per hour
(Preliminary, Final, or Preliminary and Final)

- * **MINOR SUBDIVISION REPLAT**
 - A. Fee for processing and review up to 1 hour: \$270.00
 - B. Hourly Fee for plan review thereafter \$175.00 per hour

- * **MAJOR PLAT - 2 FEES (x 2)**
 - A. Fee for processing and review up to 1 hour: \$375.00 (\$750.00)
 - B. Hourly Fee for plan review thereafter \$175.00 per hour
(Preliminary OR Final)

- * **MAJOR SUBDIVISION REPLAT**
 - A. Fee for processing and review up to 1 hour: \$375.00
 - B. Hourly Fee for plan review thereafter \$175.00 per hour

- * **COMMERCIAL SITE PLAN - 2 FEES (x 2)**
 - A. Fee for processing and review up to 1 hour: \$375.00 (\$750.00)
 - B. Hourly Fee for plan review thereafter \$175.00 per hour
(Preliminary OR Final)

- * **APPLICATION FOR OUTLET INTO A LEGAL DRAIN**
 - A. Fee corresponds with the size of the project. (\$275.00, \$375.00)
 - B. Hourly Fee for plan review thereafter \$175.00 per hour

- * **PETITION FOR REMOVAL OF OBSTRUCTION**
 - A. Fee for process and field review, Platted: \$275.00
 - B. Fee for process and field review, Un-Platted: \$375.00

- * **APPLICATION FOR PERIMETER DRAIN HOOK-UP**
 - A. Drain Maintenance Fund to be reimbursed to legal drain \$200.00
 - B. PERFORMANCE BOND: \$1,000.00

- * **UTILITY CROSSING**
 - A. Drain Maintenance Fund: \$200.00
 - B. PERFORMANCE BOND: \$2,000.00

ALL FEES ARE DUE WITH APPLICATION AT TIME OF FILING.