

VILLAGE OF EPHRAIM

FOUNDED 1853



**VILLAGE OF EPHRAIM STORMWATER SUBCOMMITTEE
WEDNESDAY AUGUST 30, 2017 6:00 P.M.**

Present: Jim Stollenwerk- Chair, Fred Bridenhagen, John Cox, per phone Cindy Nelson

Absent: Niles Weborg

Staff: Brad Rasmusson- Maintenance Manager

Guests: Steve Parent- Baudhuin Representative, Ken Nelson, Jim & Margaret Peterman, Mike McCutcheon, Marianne Roppuld

1. **Call to Order:** Meeting called to order by chair Stollenwerk at 6:00 P.M.
2. **Quorum:** A quorum is present for this meeting
3. **Changes in Agenda:** None
4. **Visitors' Comments:** Bridenhagen suggests that Ken Nelson be invited to be a part of this Committee, committee concurs. This will be on the next Physical Facilities Agenda.
5. **Discussion and recommendation with Baudhuin Representative concerning Stormwater Drainage:** Steve Parent from Baudhuin is here to speak to the Committee. Parent began by summarizing what he knows about this project. The re-surfacing will be done in 2020. From his perspective he feels we have stormwater issues that need to be addressed prior to the re-surfacing. They will look at all the existing drainage system, locations, elevations and conditions. The drainage pipe will be looked at them and determine if they need re-sizing and develop a concept plan. We have a Nov 1 deadline and they hope to have their part done by end of September. It is a concept plant not a final design. Hopes to determine what our priorities are tonight and what we are looking for.
Bridenhagen stated that when the Ephraim sewer came in they smashed practically all our culverts and filled in creeks, in the meantime roads deteriorated and the changed the course of water flows on the hills. They filled in swamp without any practical experience or knowledge which disrupted drainage. Bridenhagen inquired if we could get ahead of the highway before they re-surface. Parent said that may be a possibility but probably not, that takes a long time. The DOT has criteria they use and they will want to be part of the planning or our drainage and use of the right of way. Bridenhagen sees this as a 3 tier project. 1st we would run everything that has to go across the highway, kind of spot where it has to go along the highway get that in place as the first segment of this project and ready to go Nov. 1 as planned. Then look at the various roads that dump out on the highway, knowing that is going to be our water shed from the rain then we have a couple of areas that are seriously bad and then he believes we could accommodate some sort of area and create a retention pond in that area that would have a system with perhaps some sort of a sump pump. Bridenhagen provided and explained a drawing of that particular area. Bridenhagen again re-iterated his three tiers.
McCutcheon asked Parent if this turns into a reconstruction would there be time to get this to the DOT. Parent responded yes, if they do a resurfacing they can do that in 2018 and early 2019 if it becomes a reconstruction it would be likely be pushed into 2020.
Cox mentioned that our environmental sensitivity is an important factor. Will the DNR allow more water to be drained into the lake? Parent explained some of the options we could consider like a swale to filter the water rather than just running a pipe directly into the lake. Cox added that Eagle Harbor is basically the Villages bread and butter and he is concerned with what we drain into it. Parent does not know what they (the DOT) would allow us to do in regard to curb and gutter on one side of the road. Parent stated Bristol provided him a list of 15 or 17 outfalls, would fixing them correct the problem? Cox in favor of fixing what's known and expanding what's known or re-tooling

to make it right. When the sewer went in they never tore the old road up, they just excavated the big ditch along the road as they went and filled it in with wash gravel so what was under there is a different compaction that what would be normal there, so the highway was somewhat elevated. That exasperated the drainage problem as well. The Village doesn't have a lot of easements on private properties, we will need to figure that out.

Ken Nelson feels one observation after listening is that it may not be productive to go back 30 years, he understands the contributing factors but the clay pipes were probably already filled and no good. The best we could go is to go by the culverts and pipes we have and even thou they may be broken the recent system can be repaired. We are going to need some kind of cost estimate, cost is going to drive this project and he hopes they (this sub-committee) can add some kind of range for the Board to look at. Time is not on our side noted Stollenwerk.

Cindy Nelson thanked Parent for coming tonight. C. Nelson feels the Board can't act without some dollar figure attached to this. Stollenwerk wants to keep pushing it ahead and if nothing else gets done this will. Bridenhagen stated this project will be done in segments not all at once and that the roads are a large contributing factor to the problem with drainage. He does not feel it will be a big as everyone imagines. Cox added that in so far as being done in phases, the Village just replaced 3 culverts on the back streets, when they were kids that was all wide open not full of trees and roots and water flowed pretty easy thru there, encourages getting those ditches cleaned out we don't need to wait for the highway project to do that.

Peterman stated that everyone here tonight had some great ideas but he wants Parent to give us the information we need to do it right as soon as possible. M. Roppuld asked if the Village is going to require all of their plans to be DNR compliant, yes replied Stollenwerk. This quote that was approved was for \$2,500 dollars, what is this going to cost asked Roppuld. The new quote is \$9,000 and includes field work and looking at the side streets. This increase has not been approved to date. The Board is meeting tomorrow and may approve this increase. Ken Nelson asked about the cost estimate is Parent comfortable proceeding, yes replied Parent

Motion per Bridenhagen to approve and recommend to the Board that they approve the expansion of the quote from Baudhuin Inc., to expand this project to the length from Anderson Lane to the Wetlands at a cost not to exceed \$9,000 seconded by Cox, motion carried.

6. **Discussion and recommendation regarding dividing up project into multiple sections:** Covered above.
7. **Next Meeting:** No date set Cox requests copies of these things.
8. **Adjournment**

Motion per Cox to adjourn this meeting of the Ephraim Stormwater Sub Committee, seconded by Bridenhagen, motion carried.

Transcribed by,
Susan Shallow- Deputy Clerk