

**North Hudson Public Works Meeting  
Village Hall 400 7<sup>th</sup> Street N  
Tuesday, May 21, 2019 @ 5:30 p.m.**

**Call to Order: roll call**

Chair Pike called the meeting to order at 5:30 p.m. Answering the call were Trustees Head and Matz. A quorum was present and the meeting was duly noticed. Also in attendance were Public Works Director Patrick Moos, Village Engineer Kevin Oium, Cedar Corporation representative Ryan Jones, and Recording Secretary Anne-Marie McDonald.

**Minutes approval from April 16, 2019 Public Works Meeting**

**Motion (Matz/Head) to approve the April 16, 2019 Public Works meeting minutes. Motion carried.**

**Comments from the floor**

None.

**Galahad Road North drainage issues**

Oium and Moos suggested that a visit to the site by the committee would be helpful to understand the issues. Matz, Oium, and Pike agreed that the pond on the north side of the area isn't very deep. In addition, the drainage ditch just south of the pond outlet has a high spot which prevents water from draining to the south and forces water to drain across Galahad Road N. Oium said that Zappa Bros. Excavating has placed an extra section of pipe on the outlet side of the berm near the village shop yards to slow down the flow of water. He stated that St. Croix Ventures and Zappa Brothers have agreed to share the costs of shrub removal and regrading the ditch south of the Public Works shop. Oium said that the 24" storm sewer on the southern side of the drainage area is private and that an additional catch basin south of the shop yards is public and needs to be regraded to have water flow to the south. Oium suggested the work be completed on the northern side and observe how the water reacts. Oium said that if drainage problems continue, grading toward the south inlet may be needed. Pike asked Oium whether there is discussion about making the current pond deeper. Oium said that if silt builds up in the bottom of the pond, the infiltration is greatly reduced. There is a possibility of deepening the pond or removing silt. Pike suggested the committee meet at the site on Galahad Road on June 18, 2019 at 5:00 pm.

Matz asked Oium how much money the village is responsible for regarding this situation. Oium said that for now, the village doesn't have to pay for any work.

Pike asked when the work will be done by Zappa. Oium said there is no specific time frame to do the work. Head asked whether anything can be put in writing to identify who will cover the costs of remediation work. Oium said he can get an email from the two parties confirming their commitment to pay for remediation.

**Bobcat exchange**

Moos reported that he received bids from Tri-State Bobcat and Frontier Ag of New Richmond to replace the village's bobcat. Moos said he wants a service location close to the village to reduce downtime when repairs or maintenance are needed. He stated that the bids are higher than he expected, due to the increased number of hours the bobcat had been used this past winter. Matz asked Moos why he

recommended the higher bid. Moos said that paying for additional hours of use would be more expensive than paying up front. Moos estimates that the bobcat will be used approximately 700 hours per year. Moos said he had contemplated exchanging the bobcat yearly due to increased use, but with the Bobcat warranty expanded to two years or 2000 hours, a two-year exchange should be just as cost-effective. Pike asked whether new tires would be needed annually. Moos said they probably would be, and he'll have to budget \$1500 for that cost. He said that the village would have to purchase new tires regardless of the length of the lease.

Head asked what the warranty covers. Moos said that major parts are covered, but not new tires. The new tires being used on the village's current Bobcat are wearing well with road use. Matz asked whether a unit with tracks would be more cost-effective than one with tires. Moos said tracks are more expensive and don't wear well on asphalt.

**Motion (Matz/Head) to recommend exchanging the village's Bobcat at Tri-State Bobcat, with an amount not to exceed \$10,500. Motion carried on a roll call vote of 3-0. Head-yes, Matz-yes, Pike-yes.**

### **Street Maintenance**

Moos stated that he received two bids for hot mix patching, from Allied Blacktop and Monarch Paving. There are 43-48 spots in the village which need to be cut out and refilled with hot mix. He recommends Monarch Paving, with the work not to exceed the budget amount. He reported that no hot mix patching has taken place for two years. Moos doesn't think this work will be needed every year.

**Motion (Head/Matz) to recommend having Monarch Paving cut out and replace bad spots on village streets with hot mix, with an amount not to exceed \$20,000. Motion carried on a roll call vote of 3-0. Matz-yes, Head-yes, Pike-yes.**

Moos received a bid from Fahrner Asphalt and an estimate from St. Croix County to perform spray patching of village streets. Moos recommended St. Croix County because he worked with them last year and had a good experience.

**Motion (Matz/Head) to recommend St. Croix County to spray patch village streets, with cost not to exceed \$20,000. Motion carried on a roll call vote of 3-0. Head-yes, Matz-yes, Pike-yes.**

Moos received quotes from Fahrner Asphalt and Scott Construction, and an estimate from St. Croix County to perform seal coating of village streets. He recommends St. Croix County do the work. Matz asked Moos if St. Croix County will go over the budgeted amount for the work; Moos stated that the county estimates are typically high. Pike added that St. Croix County does nice work and they do estimate high for their work.

**Motion (Head/Matz) to recommend St. Croix County seal coat village streets with a cost not to exceed \$35,000. Motion carried on a roll call vote of 3-0. Matz-yes, Head-yes, Pike-yes.**

Pike asked Moos if PASER (Pavement Surface Evaluation Rating) system tests will be done this year. Moos said he has to perform these tests this year. Moos wants to take care of seal coating Krattley Lane and Tenth Street N. due to high traffic on these roads and aggregate starting to show. He believes a lesser-traveled street will not show as much wear between tests. Oium agreed with Moos' assessment.

### **East Bank Sanitary Sewer Lift Station maintenance**

Moos received one incomplete quote to replace the pump and circuit boards on the East Bank lift station. The cost would be \$25,000-\$30,000 to replace the pumps, and roughly \$35,000-\$40,000 in total if the control panel is also replaced. Moos explained that the replacement parts take 12 to 16 weeks to be delivered. Pike said he wants to have this issue decided at the June Public Works meeting. Pike explained to Matz and Head that this is an unbudgeted item, but it is critical. Moos explained that the control panel needs to be updated – it is from the 1970s. Matz asked if the committee can approve a general recommendation with a maximum dollar amount this month so Moos can start the process. Moos doesn't recommend the committee approve a motion without having a final quote. Moos explained that the lift station service companies are very busy, and they are already 3-4 weeks behind on their work schedules. Pike told Moos that if the committee approves a recommendation with a maximum dollar amount, the topic can be discussed at the village board meeting and Moos can start the process to order parts, etc. Pike said the committee members trust Moos to find a reasonable quotation for the work, as long as the committee puts a ceiling on the total cost.

**Motion (Head/Matz) to recommend approval of required maintenance on the East Bank sewer lift station, with cost not to exceed \$50,000. Motion carried on a roll call vote of 3-0. Head-yes, Matz-yes, Pike-yes.**

### **Road repair on Sixth Street N.**

Pike explained that there is a manhole on Sixth Street N. that dips down in the road. Moos explained that the interior rings have failed and allowed the surrounding road surface to sink. Due to the narrow road in the area, Moos will coordinate with the North Hudson Police Department to flag traffic during repair work. Pike explained there are other manholes with similar issues, but he asked Moos to work on the worst ones, and wait until the 2021 Highway 35 project to correct the rest. Pike said he has received numerous comments about the situation, and asked Moos to do what he can to lessen the dip. Moos said the manhole is between Michaelson Street N. and Sommers Street N. Moos is trying to create a low-cost solution to make it through to 2021.

### **Chair Update**

Nothing to report.

### **Engineer's Report**

Oium reported that the three-party agreement for the Wisconsin Street N. project has been executed. Field work will begin this summer. The village must provide updated traffic counts to Wisconsin Department of Transportation (DOT). Oium will work with St. Croix County Highway Department to set up traffic counters on Wisconsin Street N., at a cost around \$200. This street project is slated for 2022.

Oium said that the Surface Transportation Program (STP)-Urban program applications have opened, and are due by October 15, 2019. This program is funding 80% of the Wisconsin Street N. project. Moos said the committee can begin discussions on possible projects at next month's meeting. Projects must include collector streets only, no local streets.

PASER (Pavement Surface Evaluation Rating) tests are due to the state in December, and are usually completed by Moos in the fall. Pike said he would like the PASER ratings before deciding which

projects are candidates for grant applications. Oium said the Local Road Improvement Project (LRIP) projects can include local streets. These are typically smaller dollar amount awards, around \$20,000 or so. Head asked who completes the applications. Oium stated Cedar Corporation can assist with the applications at no cost to the village. Oium said he can provide the committee with a map of the village streets to help determine whether there are projects which would qualify for a grant. Moos said that PASER tests don't need to be completed for grant consideration; the previous PASER ratings can be used since they don't change very much between tests. Pike asked Oium and Moos to make recommendations regarding grant application candidates next month.

### **Director's Report**

The project at 204 Helen Street N. is complete; the cement sidewalk sections were poured this week.

There was a water main break on Highway 35 across from Freedom. When the water pressure is reduced in an area, the Wisconsin Department of Natural Resources (DNR) requires water samples to be taken and tested. The samples were collected and tested, and declared to be good. The burst pipe was an old 2" pipe. Pike asked if the village should include an add-on project to replace the 2" pipe during the 2021 Highway 35 reconstruction project. Oium explained that the Highway 35 project stops at Sommers Street N., and the project limits have already been defined. Matz asked whether replacement of this pipe could be part of the center turn lane project. Oium said that the city of Hudson is including some add-on work during the Highway 35 project. Pike asked where the 2" pipe is located. Moos said the pipe runs between Sommers Street N. and the Public Works shop driveway. Oium and Moos said the 2" pipe would be replaced with a 6" minimum pipe. Pike asked Moos and Oium to discuss whether it makes sense to replace the 2" pipe during one of the upcoming road work projects. Pike said that Eighth Street N. worries him – there have been three water main breaks in the past year or two. Moos and Oium said that road is on the village's five-year capital plan.

Moos said that pieces of a curb on Sommers Street N. had fallen off and is being worked on.

Public Works recently did stump grinding in village parks.

Moos reported that all Public Works employees will take the Confined Space refresher training on Wednesday.

Moos said he wants to start hydrant flushing soon.

### **Public Works Capital/Equipment Planning**

Pike stated that the village borrows water-testing equipment, and he would like the village to purchase its own testing equipment in the future. Moos said he can include it on the 2020 department budget.

Moos will bring his list of capital equipment and budget items to June's meeting.

### **Public Works Committee Future Goals/Agenda Items**

Galahad Road N. drainage issues; East Bank Sanitary Sewer lift station maintenance; street project grant application candidates; Flex Seal activities for 2019; bids for new pickup truck.

### **Adjournment**

Pike adjourned the meeting at 6:21 p.m.

Respectfully submitted by,

Anne-Marie McDonald  
Recording Secretary