

**North Hudson Public Works Meeting  
Village Hall 400 7<sup>th</sup> Street N  
Tuesday, July 17, 2018 @ 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 Matz and Zais. 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 June 19, 2018 Public Works Meeting**

**Motion (Matz/Zais) to approve the June 19, 2018 Public Works meeting minutes. Motion carried.**

**Snow Removal Contract**

Moos reported that the current contract with Zappa Brothers expires in October 2018, and he wants to work early on the renewal. In the 2017-2018 winter season, the village was charged \$8832.50 for plowing services, and the minimum contract was \$7000. Pike asked Moos whether this past snow season was unusual, and Moos thought it was. Village resident Frank Halvorson, a city of Hudson Public Works employee, stated that this March was the snowiest on record in the Twin Cities metro area. Pike recommended that the village contract remain at the \$7000 level. Moos explained that the village has a contract with Zappa Brothers to assist with snow removal in cul de sacs and other areas within the village that the village equipment is unable to handle.

**Street Sweeping Contract**

Moos stated that the village has a contract with McPhillips Inc. for street sweeping services in the village. Moos asked the committee to extend the current contract through the end of 2018. Moos wants to adjust future contracts with McPhillips to calendar year rather than ending in April of each year.

**Motion (Zais/Matz) to continue the current contract through 2018 with McPhillips, Inc. for street sweeping. Motion passed on a roll call vote of 3-0. Zais-yes, Matz-yes, Pike-yes.**

**Right turn lane on northbound Highway 35 onto North End Road N.**

Pike asked Oium to verify that the committee has to officially say they don't want the right turn lane, and bring that recommendation to the full village board, and Oium concurred. Nathan Byom, project manager for Kwik Trip of La Crosse, Wisconsin, voiced Kwik Trip's concerns with the right turn lane disrupting access points for businesses on Highway 35 south of North End Road N., and committee members expressed their concern as well. Byom reviewed the results of the traffic impact analysis (TIA) which was conducted to determine potential changes to traffic patterns with the construction of a Kwik Trip location on Highway 35 and North End Road N. The results of the TIA included a recommendation to add a left turn lane on southbound Highway 35, and that the northbound right turn lane is a want, not a need. Based on previous discussions, Kwik Trip has concluded that the effects of closing access points on Highway 35 outweigh the benefits of the new right turn lane. Kwik Trip will construct a sidewalk, with village approval, along the right of way on their property. It is yet to be determined whether a new curb would be required. Kwik Trip plans to add a valid crosswalk at the intersection. Oium noted that a valid sidewalk is required on both sides of the road to add a valid crosswalk, and Byom noted that Kwik Trip plans to add a short stretch of sidewalk on the west side of

Highway 35 to accommodate a valid crosswalk. Pike asked Byom if Kwik Trip is aware of the upcoming Highway 35 project planned for 2021, and asked if any of Kwik Trip's planned improvements would be affected by the Highway 35 project. Byom stated that they are aware of the Highway 35 project, and he doesn't believe Kwik Trip's improvements will be impacted by the state project. Byom noted that Kwik Trip's goal is to make their sites as safe as possible. Byom asked Oium to send him a written document stating that Kwik Trip is responsible for the left turn lane improvements only. Oium said that would be part of the conditional use permit, and Oium can send that to Byom.

**Motion (Zais/Matz) to decline construction of a right turn lane on northbound Highway 35 to North End Road N. Motion carried.**

### **ATV/UTV Ordinance**

Pike confirmed that the committee members had received the proposed ordinance. Zais expressed his surprise at the vast change in the state regulations regarding ATV use compared to the prior state regulations. Zais said he reviewed the state regulation (23.33), and he has some recommended changes to the proposed village ordinance: 1) Call out requirement for insurance on the vehicle; 2) No limits regarding operating hours is needed; 3) Minimum age to operate a vehicle should be specified as age 16. Pike wants to make sure the Ferry Landing village entrance is included in the village ordinance, since the state regulation states that ATVs are to operate on paved roads only. Pike said that Police Chief Mark Richert has to review the proposed ordinance before it can be put up for a vote. Pike believes the village ordinance may have adjustments made to it in the future. Matz believes Chief Richert will fine-tune the ordinance as he sees appropriate.

Zais expressed surprise how the new state ordinance has changed the committee's opinion compared to previous reviews.

Frank Halvorson, of 504 Sommers Landing Road N., recommended minimum age 16 with a valid driver's license and requirement to wear a helmet, or minimum age 18 to operate an ATV on village roads. The original intention wasn't for ATV operators to tear up the village; mainly, users want access to the St. Croix River in the wintertime for ice fishing. Zais said he'll review Halvorson's recommendation with Chief Richert. Matz asked whether moped use requires a driver's license. Others on the committee said they thought the minimum age to operate a moped is 16 years of age.

Pike will forward the proposed ordinance and suggested changes to Chief Richert, who will determine who needs to review the ordinance next.

Pike stated that ATV route signs are approximately \$40 each, and signs will be required at each of the five entrances to the village.

### **Artisan North Construction Schedule Update**

Oium provided the committee with an update on the status of the Artisan North development infrastructure improvements: The storm sewer is in, the retaining ponds are roughed in, and the sub grade for the street has been laid. After the gravel base has been laid, the curb and gutter can be installed. Oium feels they're a couple of days behind schedule, but the required elements should be completed by their deadline of July 31, 2018. They have made progress since the last meeting in June. Pike asked Oium to provide an update to the full board on August 7.

### **Water Main Replacement Under Lake Mallalieu**

Pike reviewed the 2015 sanitary survey conducted to determine the functionality of the 4” water main line between the village of North Hudson and the city of Hudson, which lies beneath Lake Mallalieu. At the time of the survey, it was believed the water main was exposed under the water, when it should have had two feet of cover. The state said that the remediation must be completed by December 31, 2020, and that the plans must be completed by December 31, 2018. The water main was laid in 1934 with cast iron pipe, and was used as a backup water source if there was a need for an alternate source of water in either the village or the city in an emergency. The water main diameter is too small to accommodate the water coming from towers in either municipality, and there are questions regarding the condition of the pipe. The city of Hudson’s recommendation is to replace the existing 4” water main with a 12” line. The committee members discussed whether the water main should be replaced, and the timing of replacement. Oium stated that the main line valves are open on both sides in the village and the city. The connecting water main has been used several times to supply one of the municipalities with water during a high-demand water event, such as a large fire or a water tower painting event. In the 2015 survey, it was estimated that the project to upgrade and expand the water main between the village of North Hudson and the city of Hudson would cost \$285,000, with half of that amount being paid by the village of North Hudson. Oium explained that the water main must lie seven feet below the water in Lake Mallalieu to prevent the main from freezing in the winter months. Oium has heard speculation that part of the pipe is visible in the lake at certain times of the year.

Oium said that recent street projects in North Hudson have expanded the water mains to 10” and 12” pipes. The goal is to have a 12” main connection pipe to each water tower.

The water main on Eleventh Street N. going north from Monroe Street N. to the water tower on Michaelson Street N. is slated to be upgraded from a 6” diameter pipe to a 10” or 12” pipe. Oium believes this project is on the village’s five-year Public Works capital improvement project plan. Pike asked Oium to confirm whether this project is on the five-year improvement plan, what year it is scheduled to be completed, and estimate the cost to replace this section with a 12” pipe, and present the information at the next Public Works meeting. Oium’s recommendation is to replace the pipe under Lake Mallalieu as a separate project after the Hwy 35 project.

Pike thinks the Highway 35 project and Lake Mallalieu water main project should be put together for financing purposes. Oium doesn’t think that will work – 60% of the planning for the Highway 35 project must be completed by November 2018, and he said it may be hard to have that much of the planning completed on the Lake Mallalieu project by that time.

### **Salt Shed**

Moos presented quotes for the salt shed building ranging from \$42,380 to \$48,000. Moos prefers the Norseman high profile shed for storage and access purposes, and is the lowest priced unit. The side panels of the building would be about six feet high. Moos hasn’t received any quotes for the base work. He is looking for approval from the committee to start removing topsoil on the shed site. The St. Croix County Highway Commissioner can lay the rock for the base and compact it if the village prepares the area beforehand. Pike asked what would happen to the fence in the area where the shed will be located. Moos stated that, during construction, the portion of the fence near the construction area would be open during working hours and rolled closed at night. He thought the construction company would need to do that one or two days, then the building will provide some of the barrier where the fence is currently located.

Moos said he got the names of suggested companies for the salt shed building and construction from the NJPA, a purchasing co-op, which he used as a resource to investigate contractors. Oium has worked with Structures Unlimited in other municipalities and recommends them.

Since it isn't on the agenda, the committee can't discuss or vote on a motion to allow Moos to spend money to prepare the pad for the salt shed. Moos explained that if the village board approves tonight's motion, he can purchase cement blocks for the base and start other preparations until the committee and village board approves money for the base work. Pike asked Moos to communicate with Gary Zappa regarding the salt shed and update him that plans are moving forward.

**Motion (Zais/Matz) to recommend the purchase and installation of a 32x50 foot long Norseman fabric truss structure from Structures Unlimited to be constructed on the Public Works garage property with a price not to exceed \$44,000. Motion passed on a roll call vote of 3-0. Matz-yes, Zais-yes, Pike-yes. Motion carried.**

### **Chair Update**

Thanks to the village, the Cedar Lift Station is working much better. He thanks residents for not flushing so-called flushable wipes.

### **Engineer's Report**

Oium had nothing additional to report.

### **Director's Report**

Moos reported on the sinkhole on Michaelson Street N. and Tenth Street N. His department has put some large rocks into the hole to buy some time. Moos needs Zappa Brothers Excavating to excavate the area, then the village will make the repair. Moos believes a separated pipe caused the sinkhole. Pike asked for a status update at the next Public Works meeting.

The village received the new pumps for the Cedar Lift Station, and they are scheduled to be installed the first week of August. Pike verified that the bypass will take place at the time the pumps are installed. Moos wants to save the old pumps and gate valves as spares. Ken of Tri-State Pumps looked at the pumps and the location today, and Ken and Oium believe the fit of the new pumps will be good. The exact date the bypass will be needed is not yet known; Oium and Moos will communicate with affected residents when that date is known. Moos believes he should have a date by the end of this week.

Moos reported that the work crew from St. Croix Correctional Facility will be working in the village for three days the week before Pepper Fest, doing brushing, raking, and other work.

Moos said that seal coating on Helen Street N. will take place the third week of August, and shouldn't interfere with Pepper Fest.

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

Moos didn't have anything to discuss. He believes the budget planning for 2019 will start next month. Pike asked Moos to prepare a spreadsheet with totals for all expenses for next month's committee meeting. Moos will meet with Oium to identify the expenses.

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

ATV/UTV ordinance

Lake Mallalieu water main replacement

Salt shed base work

Sinkhole status

2019 budget item – Should parks-associated costs be managed by Park Board or Public Works and divided?

**Adjournment**

Pike adjourned the meeting at 6:33 p.m.

Respectfully submitted by,

Anne-Marie McDonald  
Recording Secretary