

**North Hudson Public Works Meeting
Village Hall 400 7th Street N
Tuesday, September 18, 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 August 21, 2018 Public Works Meeting

Motion (Matz/Zais) to approve the August 21, 2018 Public Works meeting minutes. Motion carried.

Comments from the floor

North Hudson resident Jim Bechel asked whether there is any information regarding the Highway 35 project beyond what was shared at the recent public information meeting. Pike asked if he has any concerns. Bechel said he doesn't have any concerns; he's looking for more information than was shared at the meeting. Pike asked Oium what will happen with the steep driveways for those homes on Highway 35. Oium said the sidewalk elevation will be the same after construction as it is now. Oium stated that the width of the road will remain the same. The question is whether the curb profile will be changed. Oium said that won't be known until the design stage is complete and the construction plans are released. Oium said the state will conduct two or three more public information meetings after the design phase is complete, at which time property owners can analyze what the road profiles will be adjacent to their properties. Pike asked if Wisconsin DOT will have separate meetings for each municipality affected by the Highway 35 project. Oium said the meetings will probably be scheduled at separate times on the same evening for the City of Hudson and the Village of North Hudson.

Snow Removal Contract

Pike explained that the new contract is for the same amount of money as last season's contract. The village spent about \$1500 extra last season due to the large amount of snow which fell in the area. Pike believes the contract amount should cover most of the snow removal to be done by Zappa Brothers. Moos said that the contract runs from October 2018 to October 2019. Bechel asked Moos how much snow removal is done by Zappa. Moos estimated that Zappa takes care of about 20% or less of the village's snow removal needs. Pike explained that the village uses the outside contractor when there is too much snow for the village to remove on its own.

Motion (Matz/Zais) to recommend to approve the updated snow removal contract with Zappa Brothers Excavating at the same rate as last season's contract. Motion passed on a roll call vote of 3-0. Matz-yes, Zais-yes, Pike-yes.

ATV/UTV ordinance

This item will be skipped; it will be discussed at the upcoming village board meeting. Implementation of the village ordinance is going well.

Purchase of road construction signs for Public Works street maintenance crew

Pike reported that Moos can purchase the signs with his maintenance budget, so no committee discussion is necessary.

Water maintenance

Village Administrator Melissa Luedke, Zais, and Moos will meet to discuss the surcharge being collected by the city of Hudson for water and sewer customers and what village budget items are paid by the surcharge. Zais stated that the current agreement was established in 1970, and that it may be time to re-negotiate with the Water Commission in the city of Hudson. There have been increases in the surcharge since 1970, but Pike and Zais are concerned that the surcharges being paid to the village are not covering the costs of maintenance to water infrastructure.

Artisan North development

Oium reported that the final layer of asphalt was installed on the road in the development, so the project has been completed. Moos and Oium are working with Xcel Energy to have one decorative street light installed at the end of the street. The cost of the street light installation will be paid by the developer.

Gerard development

Oium reported on an update from the developer. Clearing of trees will start next week, and foundations will be started in two weeks. Pike asked whether the buildings will be completed before winter. Oium believes construction will take place through the winter. Approval of the storage units has to come from the village Plan Commission. The developer hasn't requested approval of the storage units by the village.

Pike explained that Oium will report on development updates at village board meetings unless there are sewer, water, or road-related items to be discussed at Public Works meetings.

Salt Storage building

Moos reported that the site is ready for St. Croix County to lay the Class 5 gravel for the asphalt slab. Materials for the building will be delivered when construction begins. The building vendor has to meet with the state of Wisconsin to get approval for the building plans before construction can begin. The vendor is on a waiting list to meet with the state in October to obtain the plans approval. The slab can be completed before state approval. Pike suggested the salt be stored on the open slab if the building isn't finished when the salt is delivered. Moos said that the salt can't be stored without a cover.

Water main replacement under Lake Mallalieu

Pike is looking for information from engineering for the cost difference between the dry pipe installation and connection to the 7th Street N pipe under Lake Mallalieu. This construction will increase the pipe diameter from 4" to 12" between North Hudson and the city of Hudson. The water main that is connected to the 4" water main under Lake Mallalieu is 12". The section on Lemon Street N. between Monroe Street N. and the water tower, is 6" diameter. Enlargement of the Lemon Street N. water pipe is on the village's five-year capital plan in 2023. Pike doesn't want to do the Mallalieu pipe replacement until Lemon Street N. has been updated.

Oium stated that the city of Hudson engineer recommended burying the pipe under Lake Mallalieu. Oium contacted the Wisconsin Department of Transportation (DOT) regarding the feasibility of installing the new water pipe on the Lake Mallalieu bridge. The DOT said that North Hudson would need a significant hardship variance for the state of Wisconsin to allow it to be installed on the bridge.

A load analysis would have to be done to determine the impact of the fully-loaded pipe on the bridge. Any future bridge repair or replacement might require replacement of the pipe at village expense or not allow it to be reconnected. Pike asked the committee members if they are willing to remove the bridge (dry pipe) installation from consideration for the new water pipe to the city of Hudson, and the committee members agreed. Oium estimated that the village portion to have the 12" pipe laid under Lake Mallalieu would be about \$150,000. The estimated cost of the Lemon Street N. pipe upsize project is about \$150,000, as well. Pike and Matz asked questions regarding the amount of water needed at fire hydrants and water pressure within the system. Oium stated that, under normal conditions, the pressure of the system is 70-80 pounds per square inch (psi). The water utility managers don't want the water pressure to drop below 20 psi at any time.

Oium stated that Village Administrator Melissa Luedke asked about funding options for the Lake Mallalieu or Lemon Street N. projects. Pike speculated whether these projects could be rolled into the bonding for the Highway 35 project. Pike asked Oium to contact Luedke regarding the feasibility of rolling multiple projects into one bond.

Bobcat exchange

Moos reported that the cost to exchange the village's current bobcat would be \$4,512.13. Pike explained that the village leases its bobcat and tries to exchange it every year. The current lease is now at 18 months. The bulk of the summer usage is done and the desire is to complete the exchange before winter arrives. Moos explained that there is a separate department account for capital equipment. Pike recommended that the committee approve the motion, then see how the Finance Committee handles this request. The village is charged \$10-12 per hour of usage, and the current bobcat has about 400 hours of usage logged. Moos wants to keep the new bobcat under 300 hours in a twelve-month period to lower the lease and maintenance cost to around \$3000-3500 per year. When the lease lasted a longer period of time, the cost was \$4000. Pike explained that having the bobcat on an annual lease will decrease the amount of money the village has to spend annually and will reduce maintenance costs such as new tires. Pike asked Moos to price out attachments so it could be included in the same capital expense proposal to be presented to the Finance Committee. Moos suggested purchasing the attachments rather than leasing them; there is no need to replace them every year.

Motion (Zais/Matz) to recommend to exchange the village's current bobcat for a new model at Tri-State Bobcat at a cost not to exceed \$5600. Motion passed on a roll call vote of 3-0. Matz-yes, Zais-yes, Pike-yes.

Catch Basin Repairs

Three catch basins and one storm sewer doghouse have failed in the village. Moos wants EverLast Rehab to rebuild the failed basins before a sinkhole develops. EverLast did work previously for the village, including the FlexSeal repairs and prior catch basin repairs, which were done well at a reasonable cost. Moos wants the repairs completed before winter. There is \$10,000 in the budget for this type of repair.

Motion (Matz/Zais) to recommend EverLast Rehab to repair all storm sewer failures at a cost not to exceed \$7300, to be used from the Storm Sewer Fund. Motion passed on a roll call vote of 3-0. Zais-yes, Matz-yes, Pike-yes.

Five year Capital Improvement Plan

Based on a prior discussion with Moos, Oium presented the projects planned for upcoming years: 2019 – St. Croix Street N.; 2020 – 8th Street N. water main repairs; 2021 - 6th Street N/Highway 35 project; 2022 – Wisconsin Street N.; 2023 – Lemon Street N. Oium explained that the CIP is fluid and could change. Oium discussed anticipated costs and funding sources for each project.

Chair Update

None.

Engineer’s Report

Oium described the geo grid system for supporting retaining walls. The grid ties into the slope, acts as a monolithic unit that resists sliding, and will allow for water to flow through the grid and not be trapped behind the wall.

Director’s Report

Moos said that valve turning is being done. The Public Works department has worked on lots of projects in the parks: Filling in holes and leveling areas, planting grass seed, wood chipping, and mulching around trees.

The fence at the salt shed site has been rolled out of the way during construction of the new shed, and will be put back into place and secured each night and after the shed is complete.

Public Works Capital/Equipment Planning

Nothing further to discuss at this time.

Public Works Committee Future Goals/Agenda Items

Water maintenance surcharges; water main replacement.

Adjournment

Pike adjourned the meeting at 6:15 p.m.

Respectfully submitted by,

Anne-Marie McDonald
Recording Secretary