

**North Hudson Public Works Meeting
Village Hall 400 7th Street N
Tuesday, April 16, 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 Matz and Head. 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 March 19, 2019 Public Works Meeting

Motion (Matz/Head) to approve the March 19, 2019 Public Works meeting minutes. Motion carried.

Comments from the floor

Pike welcomed Trustee Lori Head to the village board.

Galahad Road North drainage issues

Oium reported concerns that surfaced last fall about drainage coming off the existing pond near the village shop yards. Berms were constructed, ponds installed, and soil moved around due to contamination by previous owners. He explained that the heavy snow, fast snow melt, and the frozen ground cause the pond to overflow to properties on the west side of Galahad Road N., then to the St. Croix River. This has happened two times this spring. Oium explained that similar events are taking place in other communities this season. He said that the village is trying to find remediation for this issue without a major outlay of money. His suggestion is to regrade the east ditch south of the shop yards to improve drainage on Galahad, and install a drain for the existing underground storm sewer pipe. The pipe is a private line, so permission is needed from the owner to tie onto that pipe.

Oium stated that Zappa Brothers Excavating and St. Croix Ventures may help with the costs of remediation. The village could help with removal of scrub trees and provide a vehicle to remove material from the ditch.

Pike asked who approved the original design for drainage. Oium explained that drainage always went that direction, however, a berm had to added on the western side of the shop yards area to contain material. Oium stated that ponds were added to enhance what the property already had, which concentrated drainage to one area. There is no drainage pipe close by that can be tapped into. The exact location of the storm sewer being considered wasn't known until a building was being constructed.

Matz asked whether the existing pond can be enhanced rather than making the ditch deeper.

Pike asked whether the village can ask the party who put in the pond if they are responsible, and whether the village will be responsible for maintaining the new ditch.

Oium explained that the current design is fine for three seasons of the year. The big issue is winter when the ground is frozen and the water has nowhere to go underground. He described an outlet control structure installed by Zappa Brothers to throttle down how fast the water drains from the pond, but with the heavy snow and fast snow melt, the water went over the berm.

Pike asked whether the berm can be raised. Oium explained that, with the flat terrain in the area, if the berm is raised, the water would get so high that existing buildings would get inundated.

Moos explained that not much material will be removed from the ditch to improve drainage, and said that some areas of the ditch are pretty flat now.

Oium said that the ditch improvement is the best alternative without spending a lot of money. The alternative is to install curb and gutter on Galahad Road N., which would be expensive. There is no other storm sewer besides the old existing pipe.

The committee agreed to add an upgrade of Galahad Road N. to the Public Works 5-year capital plan. However, Oium isn't sure the road upgrade would help the drainage situation in winter.

Pike asked Oium and Moos to identify the work needed to improve the east ditch, including estimated cost to do the work. He suggested Oium and Moos talk to property owners who have the ponds and berms, and determine owner contributions. Oium explained that the original improvements were on private property and didn't have to be approved by the village. Pike stated that he would like to have Oium and Moos identify what work should be completed by the Public Works department.

Soil borings for Highway 35 project

Oium explained that the proposed soil borings will be done in preparation for the Highway 35 project. He consulted with Professional Service Industries (PSI) for this work. PSI would take eight borings between 12 and 15 feet deep at pre-determined locations. The soil borings will be done to identify potential issues before the highway project begins. PSI's quote for this work is \$5100. Pike asked Head if she understands what the soil borings project entails, and she said she did. Head asked about the village's responsibility for remediation if anything is found. Oium said the bore locations were chosen to locate potential problems if they exist, including in front of the old service station.

Motion (Matz/Head) to have PSI do soil borings as part of the Highway 35 project, with a cost not to exceed \$5100. Motion passed on a roll call vote of 3-0 – Head-yes, Matz-yes, Pike-yes.

East Bank Sanitary Sewer Lift Station maintenance

Moos reported that the East Bank Sanitary Sewer lift station pump recently blew out a starter in the control panel. This is the last station to be updated, and the cost could be added to the 2020 department budget. Moos was advised by General Repair that the control panel may be degenerating and needs replacement. Moos will gather more information and present a quote to the committee next month. Moos explained that if a failure takes place, the parts take 8-10 weeks to arrive. Matz and Head don't want to wait for a failure to take place. Pike doesn't want to wait until 2020 to update the lift station. Pike asked Moos to present all the necessary information in May to take this issue to the full board for approval to get the lift station repaired before next year.

Pike asked Moos about the last remaining lift station to be updated. Moos said it is the lift station on Krattley Lane. That lift station isn't being used as much as had been planned, so the motor has more wear than anticipated.

Chair Update

Nothing to report.

Engineer's Report

Oium stated that a Wisconsin Department of Transportation (DOT) Public Information Meeting related to the Highway 35 project took place in Hudson on April 4, 2019. Many residents voiced disapproval about the Lake Mallalieu bridge being closed for the entire construction period. At a meeting earlier today with representatives from the city of Hudson and the village of North Hudson, the DOT presented two alternatives to complete closure of the bridge. Option 1 involves allowing two-way traffic on one side at a time, which would involve removal of the sidewalk and getting close to the retaining walls. In addition, some traffic would have to drive on asphalt and some drive on gravel. Oium said this approach would be cumbersome. Option 2 involves having one lane open across the bridge with temporary traffic signals through the city of Hudson and the village of North Hudson. Oium explained that Highway 35 would remain closed north of Wisconsin Street N. to Sommers Street N., with the detour traveling on Wisconsin Street N. to Fourth Street N. The consensus of the committee is that Option 2 is preferred. The DOT is looking for input from the Public Works committee and community members. Because of the wide impact in the village, Pike wants the village board to make this decision. Pike asked whether owners with driveways on Sixth Street N. will have access to their driveways during construction. Oium explained that they would have access most of the time, except when work is being done in front of their homes. Because of the anticipated community participation in the next village board meeting, Pike said he will speak with Village President Stan Wekkin to determine the location of that meeting and to get feedback from village business owners before the village board meeting on May 7, 2019. Head suggesting posting an online survey to gauge residents' preferences.

Oium said that the DOT is considering paving Highway 35 with concrete rather than asphalt.

Director's Report

Moos stated that the spring motorcycle run was cancelled last Saturday due to snow. He said that the department staff are preparing for spring activities. Moos will request bids regarding street maintenance activities. He said that he will discuss the bobcat exchange next month. Fire hydrant flushing will start soon; he would like to do an every other year rotation of flushing hydrants and water main valves.

Moos said that, because of potential flooding of Lake Mallalieu due to the high water level on the river, the department put sand bags around manholes near the lake.

Moos plans to do seal coating on Krattley Lane N. and finish 10th Street N., based on this year's budget. He would also like to do some spray patching this summer. Pike asked whether more hydrants could be painted. Moos said that the department doesn't have the equipment to do a lot of the hydrant painting itself. Moos would like to get more of the hydrants painted this year, since the list of large projects is smaller.

Moos reported that the sewer line project at 205 Helen Street North is complete; the line is connected to the home and the sidewalk sections will be replaced soon.

Public Works Capital/Equipment Planning

Moos has started his list for the 2020 budget process, including a salt/sander box for one of the department's pickup trucks.

Public Works Committee Future Goals/Agenda Items

Galahad Road N. drainage issues; East Bank Sanitary Sewer lift station maintenance; RFPs for street maintenance; bobcat exchange; Flex Seal activities for 2019.

Adjournment

Pike adjourned the meeting at 6:14 p.m.

Respectfully submitted by,

Anne-Marie McDonald
Recording Secretary