

**North Hudson Public Works Meeting
Village Hall 400 7th Street North
Tuesday, December 20, 2016 @ 5:30 p.m.**

Call to Order: roll call

Chair Pike called the meeting to order at 5:32 p.m. Answering the call was Trustee Head. A quorum was present and the meeting was duly noticed. It was noted that Trustee Kirk Nelson was absent. Also in attendance was Interim Public Works Director Patrick Moos, Village Engineer Kevin Oium, Ryan Jones, Cedar Corporation representative, and Recording Secretary Anne-Marie McDonald.

Minutes approval from November 15, 2016 Public Works Meeting

Motion (Head/Pike) to approve the November 15, 2016 Public Works minutes. Motion carried.

Winter Parking Ordinance

Previous discussions regarding a winter parking ordinance revolved around projected cost savings vs. the costs of the Police Department to enforce the ordinance. It was felt that the cost savings of about \$300 per month would be negated by the costs of police enforcement. Head would like to see a cost analysis on paper of residents moving vehicles off the street for certain overnight hours during a snow event, as well as the costs which would be incurred by the police department to enforce the ordinance. Pike suggested that Moos speak with representatives of the Public Works departments in Hudson, Wisconsin and Bayport, Minnesota. Moos asked that he be given time to provide accurate calculations based on North Hudson's plowing activities after a snow event in the near future. Moos will do that analysis and provide the information to the committee.

Purchase of Snow Plowing Truck

Moos obtained quotes for three plow trucks – two International models and one Mack model. He spoke with St. Croix County and Hudson Public Works departments, and neither recommended International vehicles due to mechanical issues. Village Public Works part-time employee Brian Frye has experience with plowing equipment in his role as a full-time employee of the North St. Paul, Minnesota Public Works department. In the past few years, Mack has pulled ahead as a leader in the municipal public works market. When he and Moos searched for potential vehicles, they looked for trucks which were configured and ready for purchase. The Mack truck has a Cummins engine which can be repaired by any repair garage, as opposed to International trucks, which must be repaired by an International garage or dealership. International trucks have a reputation for having maintenance issues and are not favored by other public works departments. Frye feels the cab of the Mack is sturdier and more well designed than the International cab. Cab features include a wrap-around dashboard and Bluetooth hands-free headset. The Mack truck features a closed loop spreader control, which uses the vehicle speed and auger or liquid flow rate to calculate the application rate being applied to the road surface, which could result in reduced salt costs. The International trucks use only the vehicle speed to calculate application rate. Head asked what the warranty period on the trucks are; Frye believes the warranty is two years for all the vehicles. The salt spreader on the village's current International plow truck is very inaccurate – it uses engine RPM to judge how much salt to spread, so any change in RPM results in a change to the amount of salt being applied. Head asked about the village's 2017 budget; Pike stated that the plow truck is included in the 2017 village budget. For the benefit of village residents, Pike asked Moos and

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Frye to state why the village needs a new plow truck. Moos stated that the current truck is nearly 20 years old and needs a number of repairs, and he is concerned about the reliability of the truck. Head asked about the number of miles on the truck; Frye stated that the number of miles isn't the consideration in this case, it is the number of hours on the vehicle, and the current plow truck has been driven many hours. They agreed that the truck is very old and needs to be replaced. The consensus within the committee and Frye is that the village needs a new plow truck. Moos stated that the extra cost for the Mack truck is a good value, due to its reliability and that it will retain its trade-in value better than the International trucks do. Frye stated that the Mack truck includes a wing plow, which will reduce the number of passes required to clear streets and result in gas and labor savings over the life of the truck. **Motion (Head/Pike) to recommend purchase of a 2017 Mack plow truck at a price not to exceed \$200,000. Motion passed on a roll call of 2-0. Pike -Yes, Head-Yes.**

Public Works Building Purchase Options

The village is looking for property for the Public Works department. In the special Village Board meeting which took place earlier today, the board recommended that Village Board President Stan Wekkin and Village Administrator begin negotiations on a property.

Catch Basin Project

Oium reported that earlier this year the Village Board approved repairs for 66 catch basin inlets using Flex Seal technology. A representative from ESS Brothers told Oium that the village can be put on the repair schedule early in spring 2017. ESS Brothers asked whether the village wants to sign a contract with ESS for the services, and for how much. McDonald read the approved motion from the September 21, 2016 Public Works Committee for the 2017 repairs, which specified repair of 66 catch basins at a cost not to exceed \$50,000. Head recommended that the village enter into a contract with ESS Brothers for the 2017 repairs, and include wording regarding the lifetime guarantee of the repairs. Moos to work with Oium to determine the Phase 2 catch basin repairs to be included in upcoming budget years.

Snow Plowing Plan

Moos reported that during the last snow event, the big plow took two passes, salting on the second pass, and had the pickup truck plow follow behind for cleanup. The rental skid steer was equipped with a snow plow to clear cul-de-sacs and other areas. During the last snow event, Zappa Brothers did some snow removal, mainly overnight to make two passes down every street in the village to clear a driving lane in each direction. Head asked whether the purchase of the new plow truck would eliminate the need for contract snow removal services in the future. Moos stated that if the village wants Public Works to not use contractors and perform all the snow plowing itself, it can be done with the right equipment. Head and Pike commended Public Works for the snow removal during the last snow event. Moos said he can provide Pike with a general snow removal plan.

Salt Agreement with the City of Hudson

The committee reviewed the proposed salt agreement sent by the City of Hudson. Head asked what are the fees included in the agreement, and Pike asked about the admin fee. Moos to investigate and identify the fees listed on the agreement. The salt storage fee would go away if the village stored its own salt, but they don't have a place to store it. Head mentioned that Hudson's agreement specifies that the City of Hudson will not allow loading of salt during a snow event. Pike asked that Moos get that updated to provide for large snow events.

Engineer's Report

St. Croix Electric Cooperative completed street light installation in The Ridges. Wisconsin DOT has asked for information on the sewer project on Highway 35. The kickoff meeting for the state project is January 30, 2017. Recommended that Moos, Gloria Troester, and Oium attend the meeting. Oium will send meeting information to Troester, Melissa Luedke, Pike, and Moos.

Director's Report

Snow plowing went well; the snow removal plan is a work in progress. They completed a test run of the pre-wet de-icing agent before the snow. It was hard to tell whether it worked because the temperature didn't go below 0 degrees. The de-icing agent was applied primarily at intersections and hills.

All Public Works staff received iPhones and village e-mail addresses, which should improve communication. The phones were free with a data plan. The total cost for all phones is \$240 per month plus a \$1600 credit.

Future Agenda Items

Winter Parking Ordinance; Catch Basin Project Phase II; Salt Agreement clarification;

Adjournment

Pike adjourned the meeting at 6:23 p.m.

Respectfully submitted by,

Anne-Marie McDonald
Recording Secretary