

**North Hudson Public Works Meeting  
Village Hall 400 7<sup>th</sup> Street N  
Tuesday, June 18, 2019 @ 5:30 p.m.**

**Call to Order: roll call**

Chair Pike called the meeting to order at 5:31 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 May 21, 2019 Public Works Meeting**

**Motion (Matz/Head) to approve the May 21, 2019 Public Works meeting minutes. Motion carried.**

**Comments from the floor**

None.

**Recess and reconvene at Galahad Road N. near the Shop Yards to gather information regarding drainage issues**

The committee members, Moos, Oium, and Jones met at the Shop Yards next to Galahad Road N. Oium described previous modifications made to the area by Zappa Bros. Excavating, as well as the drainage issues which took place this past winter and spring. Some possible improvements to the drainage problems were suggested by Moos.

**Motion (Head/Matz) to recess and reconvene at Galahad Road N. near the village shop yards to gather information regarding the drainage issues, and will return to Village Hall upon completion. Motion carried.**

**Reconvene at Village Hall**

The committee and other attendees reconvened at Village Hall at 5:55 pm.

**Motion (Matz/Head) to reconvene the Public Works meeting at Village Hall at 5:55 pm. Motion carried.**

**Galahad Road North drainage issues**

The committee reviewed their observations about drainage issues at the village shop yards and Galahad Road N. They were shown the problem areas and how it affected neighbors in the area. Pike said some neighbors would have had worse problems had Zappa Bros. Excavating not helped to move water farther south on Galahad Road S. Pike described the ditch on the east side of Galahad Road N. which is overgrown with vegetation and flat in some areas. There is a storm drain at the south end of Galahad Road N. that would be utilized if the ditch were cleaned up and deepened to allow water to flow more easily. In addition, there is a retaining pond on the shop yards property that is supposed to be one foot deep. Because of sediment build-up, that pond is nearly level with surrounding ground. Pike described an up spout which Zappa Bros. Excavating installed this spring to slow down drainage between the retaining pond and the ditch on the other side of a small berm. Pike said he isn't sure the new pipe would have kept up with spring flooding the area experienced this season.

Matz suggested deepening the drainage pond and build up the berm area this year, and do more permanent work on the area in 2020. Head suggested that, in addition to the pond work Matz suggested, the ditch could be deepened, while leaving screening foliage. Pike asked Oium whether the pine trees which the property owner had promised for screening had been planted. Oium said there was some discussion about planting trees on the northern part of the property, but nothing had been agreed upon for the entire length of the property. Pike asked Oium to research the agreement between the village and the property owner regarding installation of screening foliage. Pike observed that the drainage ditch is unsightly with the overgrown vegetation, including buck thorn, which makes it very difficult for Public Works employees to mow the ditch area. Pike reminded the committee that the village has an ordinance requiring removal of buck thorn. Pike agreed with Head that work needs to be done to improve the appearance of the ditch area. Pike also said that the residences across the street from the shop yards property are some of the most expensive properties in the village. He thinks that addressing the condition of the drainage ditch would be a visible improvement to the neighborhood.

There were questions about how much grading and cleanup of the ditch area on Galahad Road N. would cost. Moos said a contractor must look at the project and submit a bid. Pike asked Oium whether there is any drainage possible to the north of the village shops. Oium said there is none. Pike wants to ascertain that any grading done to the ditch results in proper drainage to the south.

Matz asked whether water from the ditch could drain into the private storm sewer. Oium recommended not tying into the private storm sewer along Galahad Road N. Rather, the water should go south to Wisconsin Street N. to drain into the public catch basin. Moos stated that Gary Zappa had been asked by the shop yards owner whether cleaning or expanding the drainage ponds is possible, so the owner is thinking along those same lines as the committee.

The final suggestion is to clean out the silt and sediment from the drainage pond in 2019, and deepen and clean up the ditch in 2020. The final decision is up to the shop yards owner, and Oium feels the property owner can be convinced because of the drainage issues which occurred this year. Pike asked if the agreement between the village and the owner can be used to convince the owner to have the recommended changes made, since the original berm and pond design is not working as intended. Oium said that the pond should have the top layer of material removed and the soil roughed up beneath it. Moos and Oium will work together to determine a budget dollar amount to be submitted with the Public Works 2020 budget.

Pike said he would like to discuss adding Galahad Road N. improvements on the department's Five Year Capital Plan, and investigate possible grant applications to assist with funding for the project.

Since the retaining pond improvements are on private property, there is nothing for the committee to recommend. Moos and Oium will work with the property owner to make necessary changes to the retaining pond and surrounding area.

Oium will investigate the original agreement for berm and pond improvements, and screening foliage.

### **Ridges Second Addition Preliminary Plat**

Oium stated that Derrick Homes has approached the village Plan Commission to begin work on the second addition to The Ridges development. The updated plat and development plans have been

submitted to the Plan Commission for review. The current proposal is the addition of 32 twin homes, each on its own lot, rather than 16 single family homes. The only change from the original plan is the configuration of the homes; the street layout would be the same as the original plan, and would tie into Adam Drive in the Town of Hudson. Head mentioned that the amount of traffic on the affected roads would increase because of the number of additional homes. Oium said that the Plan Commission was not happy with the location of the driveways in the original proposal, so Derrick made changes. With the connection to Adam Drive, traffic would have two exits from the development. There is provision for a trail between the homes on the northeast part of the addition, and there is a water main in that area. The forty acre parcel owned by Zappa Bros. has been annexed into the village and will be developed at some time in the future. The fourth phase of the Derrick development will require a booster water system. There are twenty homes planned for the fourth phase and currently planned as single family homes. There will be a connection to Krattley Lane N. when the Zappa property is developed. Oium stated that the Plan Development Document (PDD) is flexible in regards to setbacks, type of dwelling, etc. Village Administrator Melissa Luedke has copies of the revised PDD available for review.

Oium stated that the revised development document will be reviewed by the Plan Commission on June 19, 2019. Street lights and sidewalk will be installed by the developer. The village has some control over the style of the new street lights. After some discussion, there was agreement to keep with the style of the current street lights in the area. Oium said there have been issues with the mailboxes that were installed for current homes in The Ridges. When one is damaged, the cost is \$400-500 each to replace. When damaged by village equipment, the current limit for damage payment is \$100. Pike asked if multiple unit mailboxes could be installed in the new addition; there is a precedent for the look. Head said multiple unit mailboxes are installed on Keystone Court N. Pike would like to see multiple unit mailboxes put in for the new addition. Oium will present the recommendation to the Plan Commission at tomorrow evening's meeting.

Oium stated that park land and storm water fees are paid by the developer. He said that a sewer extension with a dead-end at the north end of the addition will be installed.

Moos said he is not concerned with any Public Works-related elements of this project.

#### **Wisconsin DOT-STP-Urban grant application**

Oium discussed the possible state grants for which the village could submit applications. For most applications, the proposed street must be defined by Wisconsin Department of Transportation (DOT) as a collector street. Some examples are Krattley Lane N., Fourth, Sommers, Michaelson, Monroe, and Wisconsin Streets N. Oium and Moos reviewed the PASER (Pavement Surface Evaluation Rater) ratings and did visual inspections of village streets. The area which stood out is Monroe Street N. from Lemon Street N. to Helen Street N. Currently there is no curb and gutter in this area. Helen Street N. was reconstructed in 2002. The proposed road is on the south side of North Hudson Elementary School. Moos and Oium would like to connect the sidewalk between Helen Street N. and Lemon Street N. on the north side of Monroe Street N. The construction would affect three homes. Part of the upgrade would increase the size of the water main to 8" and add several fire hydrants. The committee agreed that this project would be a good improvement for the village, if some grant money is awarded. Oium said the application is available now, and it is due October 15, 2019. The sunset clause to begin work is three years after the grant is awarded.

**Motion (Head/Matz) to apply for a Wisconsin DOT-STP grant for Monroe Street N. improvements. Motion passed on a roll call vote of 3-0. Head-yes, Matz-yes, Pike-yes.**

**Catch basin and manhole repair**

Moos has been very happy with the Flex Seal repairs. Everlast Rehab has submitted a bid of \$775 per catch basin, a slight increase over the 2018 price. Moos recalled that the previous cost was around \$725-735 each. He also received a bid for Spectra Shield, a similar product which is very flexible. R & H Painting submitted a bid for Spectra Shield at a cost of approximately \$1400 per catch basin. Matz asked how many catch basins remain to be repaired. Moos said they are not halfway finished with the group, and that 80 of 323 have been repaired. Pike suggested adding more budget money to get them finished in three years. Moos said that Flex Seal doesn't stick to the new plastic rings being made for manholes, and that a new solution is being developed. Moos said he isn't sure how aggressive the village should be completing repairs of all catch basins. Matz asked whether Spectra Shield sticks to plastic rings; Moos said he doesn't know.

**Motion (Matz/Head) to have Everlast Rehab repair and flex seal catch basins and manholes in the Village with a cost not to exceed \$11,000. Motion passed on a roll call vote of 3-0. Head-yes, Matz-yes, Pike-yes.**

**Chair Update**

Nothing to report.

**Engineer's Report**

Nothing to report.

**Director's Report**

Moos reported that the department will start flushing fire hydrants tomorrow.

The new Bobcat arrived today. The old unit was under the maximum number of hours.

The department's laptop with air card is running and can be used in the field to gather data and complete reports.

Seal coating of village roads will happen in August.

**Public Works Capital/Equipment Planning**

Add Galahad Road N. improvements to Five Year Plan.

Moos will present a list of equipment needs at next month's meeting.

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

Galahad Road N. drainage issues; clearing of Station Lane N. right-of-way.

**Adjournment**

Pike adjourned the meeting at 6:41 p.m.

Respectfully submitted by,

Anne-Marie McDonald  
Recording Secretary

DRAFT