

VILLAGE OF GRAFTON
BOARD OF PUBLIC WORKS MEETING MINUTES

NOVEMBER 9, 2015

The Board of Public Works meeting was called to order at 6:00 p.m. by Chair Sue Meinecke.

Board members present: Trustee Sue Meinecke, Trustee Tom Krueger, Trustee Dave Liss, and Pat Murray

Members absent: Les Blum

Staff present: Director of Public Works/Village Engineer Dave Murphy, Superintendent of Public Works Gary Helm, Utility Superintendent Tim Nennig, and Administrative Assistant Melissa Depies

HEAR PERSONS REQUESTING TO BE HEARD

None

MINUTES

Motion by Trustee Liss, seconded by Mr. Murray, to approve the October 12, 2015, Board of Public Works meeting minutes. Motion carried.

PUBLIC WORKS

Presentation/approval of Bike and Pedestrian Plan – Adam Wood

Director of Public Works/Village Engineer Dave Murphy stated that Mr. Wood will not be attending the meeting this evening.

Mr. Murphy presented the plan, highlighting Map 3: Quick Wins Recommendations; indicating where the existing facilities are located as well as where proposed facilities are being recommended that can be done in a reasonable timeframe for a reasonable cost.

Trustee Krueger indicated that the Quick Wins were great; however, he questioned if Police Chief Wenten agreed with the plan or had any involvement in the planning. Trustee Meinecke responded that Officer Scott Brinkman and Officer Anthony Alfonsi were members of the Bicycle and Pedestrian Committee.

Mr. Murphy then highlighted Map 5: Long Term Vision Recommendations; indicating that these were projects that would add a bike lane on County and Town roads. These bike lanes would require cooperation from both the County and Town

Superintendent of Public Works Gary Helm commented that the pavement markings will become a huge maintenance item for his crews. The initial markings will probably be done with an epoxy paint that will last 5 to 7 years. After the initial wearing period the markings will need to be repainted on an annual basis unless redone with an epoxy paint which would require complete grinding off of the old before repainting.

Trustee Meinecke questioned if Director of Planning and Development Jessica Wolf was going to research grant opportunities to fund this project or will this become an annual budget item until the project is complete.

Mr. Murphy responded that if this is done with road improvement projects, it could take 50 or 60 years to complete. He suggested increasing the annual striping budget and have Ozaukee County crews complete some of the markings each year. It may also be possible for the Village of purchase the stencil for the sharrow and complete some of the markings in-house.

Trustee Meinecke commented that the Village should not be funding a project like this when the Village is not funding road projects as it should.

Motion by Trustee Krueger, seconded by Mr. Murray, to recommend the Village Board approve the Bicycle and Pedestrian Plan as designed and presented by Toole Design Group. Motion carried.

Easement vacation – 1456 Blackfoot Avenue

Director of Public Works/Village Engineer Dave Murphy explained that the property owner at 1456 Blackfoot Avenue has requested that a storm water/retention pond easement that runs through their back yard be vacated so they can construct a deck.

Vacating this easement will not hamper future maintenance work on the storm water pond; all pond maintenance can be done from Erie Street.

Motion by Trustee Krueger, seconded by Trustee Liss, to recommend the Village Board approve the vacation and termination of a portion of the storm water/retention pond easement at 1456 Blackfoot Avenue as described in the attached document, contingent upon the Village Attorney's approval and property owner reimbursement of Village Attorney's review fee. Motion carried.

Report of benchmark measurements – Public Works

The benchmark report was reviewed.

Superintendent of Public Works Gary Helm stated that the crew is working on leaf collection.

Last week, due to the nice weather, crews completed additional road patching. Some concrete patching was done in various areas on WIS 60, Cheyenne Avenue, and Badger Circle. A patch of colored concrete was also done.

Street Cleaning: Basic street sweeping has been completed for the year. The sweeper will go around the Village one more time following the final leaf collection.

Traffic Control: As crews are out snowplowing, they will report any signs that are in need of replacement due to fading or lack of reflectivity.

Trustee Meinecke indicated that the crosswalk sign near the bike path is obscured by a tree, she requested the tree be trimmed. Mr. Helm indicated that he would contact the County Highway Department as he believed it was a county matter.

WATER & WASTEWATER

Well #3 Emergency Repairs

Utility Superintendent Tim Nennig explained that the Utility experienced an unanticipated mechanical failure at Well #3, located near the Grafton High School. The well has been out of service since October 25.

Well #3 has provided 25 percent of the Village's total daily water system demand and over 50 percent of the water requirements in the east side pressure zone during the first nine months of 2015.

Mr. Nennig explained that the well pumping equipment for this well was last pulled for inspection and rehab services in 2007. Pump pull, inspection and rehabilitation work was scheduled to be done in 2017, with replacement of all below grade pumping equipment and Well hole chemical/physical treatment anticipated.

In an effort to avoid further damage to the well pump and its related equipment, Village Administrator approved a purchase order for immediate repairs to Well 3.

Originally, it was believed that the cause for failure was a bad well pump line shaft spider bearing. Municipal Well & Pump removed 350 feet of pumping equipment and determined that the mechanical failure was caused by swollen rubber bearing inserts that seized to the line shaft so tightly that the well pump motor had a difficult time starting rotation when called for. This excessive resistance caused the high amperage draw of the motor resulting in the burnt motor lead and tripping of motor overloads.

Mr. Nennig explained that the Utility has \$36,909 of funds remaining in the 2015 budget for Water Tower #3 contract services agreement with Utility Services Company (USC). The emergency repair costs will be pulled from that specific water account.

Mr. Nennig stated that he is recommending that the Utility continue with plans for pulling, inspection and re-installation of all pumping equipment once again in 2017 including well pump replacement and well hole rehab, at a total estimated cost of \$29,000. This work will provide the Utility with a visual inspection of the replacement equipment condition, and an opportunity to gauge the effectiveness of any water chemistry corrective actions that the Utility takes now.

Trustee Krueger questioned if the purchase order amount included all work done to date as well as video logging and chemical analysis. Mr. Nennig responded that it did.

Trustee Krueger stated that when the lower aquifer was sealed off back in 2007, the upper aquifer seemed to have better water quality than it does today. Mr. Nennig agreed stating that the water chemistry has changed over the past eight years.

Motion by Trustee Krueger, seconded by Mr. Murray, to recommend the Village Board approve Well #3 emergency repairs at an estimated cost of \$33,355.

Motion carried.

2015 Utility projects update

Water System Master Plan Update: Staff met with Short Elliott and Hendrickson to review the draft report and discuss recommended water system improvements. A presentation to this board is anticipated in December or January.

WWTP Compact Plant #2 Re-coating: Utility staff completed installation of the replacement compact plant deck and bridge grating across the plant and replaced 880 fine bubble aeration diffusers in the bottom of the aeration tanks. The compact plant returned to active service on October 26.

WWTP Digester Cleaning and Inspection: This was the first time the 100,000 gallon anaerobic digesters were cleaned since digester mixing improvements occurred in 2008. Based on observations staff believes that they can complete this work in-house when needed in the future. Digester cleaning is anticipated again in 2018.

Collection System CMOM Program: The CMOM program; which addresses collection system operations, maintenance and management will continue into 2016. The DNR-imposed deadline for completion and implementation is August 1, 2016.

River Bend Lift Station, Infrastructure and Road Re-construction: The site plan and elevations were reviewed by Plan Commission for conditional use permit approval on October 27. Architectural Review Board approval is scheduled for November 12. Upon all necessary approvals and permits the project will be bid. It is anticipated that bids documents will be ready in late December with a bid submittal deadline of late January followed by presentation to this Board at the February meeting.

Trustee Krueger stated that the Plan Commission has requested changes to the grading and site plan; and questioned if changes from the Architectural Review Board were anticipated. Murphy responded that the Architectural Review Board can only make changes to the façade of the structure.

Trustee Meinecke questioned if it was Village residents or Town residents that had issues with the appearance of the structure. Trustee Liss stated that most of the people that attended the last meeting were from the Town, there were only two residents from the Village. He stated that the biggest complaint received was that construction of the lift station was not disclosed when they purchased the lots.

Mr. Nennig stated that the lift station was originally designed to mirror the Ninth Avenue Lift Station and the Village has received zero complaints regarding that unit. Mr. Nennig also noted that the operations and maintenance of the lift station must be considered when determining landscaping.

Report of benchmark measurements – Utility

The benchmark report was reviewed.

Clearwater Inspections Performed: Per new State Statute requirements, local municipalities are no longer permitted to enforce code requirements relating to clearwater exclusion at the time of a property sale. This is unfortunate as it hinders local communities and their efforts in

combatting excessive I/I into their wastewater systems. Staff will continue to investigate alternate means of enforcing clearwater removal requirements.

Cross Connection Control Inspections (Non-Residential): HydroCorp, Inc. has performed 36 separate cross connection inspections and re-inspections, which is below the targeted number of inspections. HydroCorp has indicated that they anticipate completing 19 additional inspections on November 19.

Water Main Breaks Repaired: Nine water main breaks have occurred to date in 2015.

Sewer Mainline Jetting (Cleaned): Field operations staff have completed nearly 80,000 lineal feet of sewer mainline jetting this year equating to approximately 1/3 of the Village's total collection system. This is the highest amount of sewer cleaning accomplished since 2009 when just over 100,000 feet of sewer was cleaned.

Sewer Mainline Back-ups: The Utility has not experienced any sanitary sewer mainline back-ups, sanitary sewer overflows or sewer bypassing events to date in 2015.

Trustee Krueger commented that the hydrants look the best they ever have after the recent hydrant repainting. Mr. Nennig stated that the contractor did a very good job this year, they sandblasted, primed and painted each hydrant.

OLD BUSINESS

Trustee Krueger questioned if the Town of Grafton has agreed to cost sharing the change order items for Falls Road. Mr. Murphy responded that this has been discussed with Kevin Kimmes and he is writing a memo to the Town requesting the cost share.

NEW BUSINESS

None

ADJOURN

Motion by Mr. Murray, seconded by Trustee Krueger, to adjourn the meeting at 7:15 p.m. Motion carried.