

VILLAGE OF GRAFTON
BOARD OF PUBLIC WORKS MEETING MINUTES

APRIL 9, 2012

The Board of Public Works meeting was called to order at 6:00 p.m. by Richard Rieck.

Members present: Richard Rieck, Sue Meinecke, Pat Murray, Edwin Dietrich and Lisa Harbeck (6:24 p.m.).

Staff Present: Director of Public Works/Executive Utility Director Dave Murphy, Utility Director Tom Krueger, Superintendent of Public Works Gary Helm, and Administrative Assistant Melissa Depies.

Others Present: Jonathan Butt – Symbiont, Bill Hass

HEAR PERSONS REQUESTING TO BE HEARD

None

MINUTES

Motion by Mr. Dietrich, seconded by Mr. Murray, to approve the March 12, 2012, and March 19, 2012, Board of Public Works meeting minutes.
Approved unanimously.

Water & Wastewater

Symbiont proposal re: WWTP permit renewal

Utility Director Tom Krueger explained that the discharge permit for the Utility is due to expire on December 31, 2013. Typically when discharge permits are renewed they are subject to a review of discharge limits and water quality requirements.

Grafton's pollutant parameters include biochemical oxygen demand, suspended solids, phosphorus, and ammonia nitrogen. The current phosphorus discharge limit is 1.0 mg/l, however due to new water quality based effluent limit standards this could be reduced to 0.1 mg/l. This could be very expensive to achieve.

Mr. Krueger stated that there is some dated water quality data for the Milwaukee River which indicates that the river is impaired below the former Lime Kiln Park dam and not impaired above that location. Because the Utility's discharge point is so close to the impaired versus not impaired segments of the river and the river flow has been changed by the removal of the Lime Kiln Park dam, there is an opportunity for Grafton to gather water quality data that may support a significantly higher phosphorus limit than the 0.1 mg/l standard.

Mr. Krueger stated that his staff has been working with Symbiont to implement a sampling plan for both upstream and downstream from our discharge location and report to the DNR to hopefully prove how our discharge affects the river. This information may provide some guidance to the DNR when establishing new effluent limits for Grafton and may help to minimize the reduction in our phosphorus discharge limit.

Mr. Krueger explained that the sampling must be completed over a period of four seasons for permit renewal purposes, therefore it is important to start the sampling as soon as possible.

Jon Butt, Symbiont, stated that this proposal does include Utility staff assistance. Utility staff will be making the collections and completing the testing. Symbiont will organize the sampling plan and the quality assurance plan. They will take the flow data and complete the data analysis and engage in conversation with the DNR including reporting and regulatory support. The goal to obtaining this data is to have a defensible position with the DNR.

Trustee Meinecke questioned if there were budgeted funds for this project. Mr. Krueger noted that the Utility budget included \$25,000 for general engineering and consultant fees.

Trustee Rieck questioned if the Utility obtained any other bids for this project. Mr. Krueger responded that staff discussed getting alternate proposals however concluded that Symbiont was most knowledgeable of Grafton's circumstances, the proposal was reasonable and, staff was comfortable and confident working this with firm.

Motion by Trustee Meinecke, seconded by Mr. Murray, to recommend the Village Board approve the Symbiont, West Allis, WI, proposal for services in support of permit renewal for a lump sum fee of \$16,600. Approved unanimously.

Utility 5 Year Capital Improvement Program - Utility

Utility Director Tom Krueger highlighted the Utilities' Capital Improvement Program stating that the Utility is proposing to replace the Ninth Avenue lift station in 2013, the 17th Avenue lift station in 2015 and the Audubon Avenue lift station in 2017. A number of wastewater treatment plant replacements and additions are also being planned for 2013 through 2015. Equipment replacement and/or facility additions include the construction of new equipment/vehicle garage building in 2012-2013, a new septage receiving station in 2013, a new sludge boiler in 2014, and a third digester in 2015. The plan also includes a number of water and sewer replacement projects that mirror the 5-year street improvement program.

Utility Projects update

The Board members reviewed the Utility projects.

Ultraviolet Light Disinfection Project: This project is substantially complete. Start-up training took place on March 30. The in-service operational date is set for May 1.

Tower No. 2 (Cheyenne Court) Renovation Project: Tower work is anticipated to start by June 11.

Water System Leak Detection Survey: This project is anticipated to begin in late April.

Regional Lake Water Supply Study: The “communities” have refined a scope of services for phase II that meets all common objectives and are in agreement to authorize the consultant to proceed.

Utility budget dashboard measurement update

No comments or discussion.

Report of benchmark measurements-Utility

The Board reviewed the benchmarks report with no comments or questions.

PUBLIC WORKS

Preliminary Assessment Resolution: Construction of Badger Court

Director of Public Works/Executive Utility Director Dave Murphy stated that there is the possibility of a manufacturing facility building on the vacant property on Cheyenne Avenue just north of Cheyenne Court. Staff has been directed to design and construct a road to access these two vacant properties. All associated costs will be assessed to the two properties therefore a Preliminary Assessment Resolution is necessary to start the assessment procedures and project design.

Motion by Trustee Meinecke, seconded by Trustee Harbeck to recommend the Village Board adopt a Preliminary Assessment Resolution for construction of a new road, being referred to as Badger Court, to serve two vacant properties along Cheyenne Avenue owned by Cheyenne Western Corporation. Approved unanimously.

Sewer and Water Main Acceptance – Aurora Cancer Care

Director of Public Works/Executive Utility Director Dave Murphy stated that Aurora Health Care has completed water main and sanitary sewer installation to the new cancer care center. They have finished the as-built drawings and all required paperwork. It is now necessary for the Village to accept the improvements which will start the 1-year warranty period.

Motion by Mr. Dietrich, seconded by Mr. Murray to recommend the Village Board adopt Resolution XXX, Series 2012, for the acceptance of the water main and sanitary sewer for the Aurora Cancer Care Development. Approved unanimously.

Sewer and Water Easement for the Aurora Cancer Care

Director of Public Works/Executive Utility Director Dave Murphy stated that an easement is necessary for the Utility to maintain the water main and sanitary sewer lines that have been dedicated to the Village. The easements extend from the medical center to the new cancer care center.

Motion by Mr. Murray, seconded by Trustee Harbeck, to recommend the Village Board accept the water main and sanitary sewer easement from Aurora Medical Center Grafton LLC, f/k/a AMC Holdings, LLC. Approved unanimously.

5-Year Equipment Replacement Program

Director of Public Works/Executive Utility Director Dave Murphy stated that this board approved the street improvement program at the February meeting. We are only reviewing the equipment replacement plan at this time.

Mr. Murphy explained that the aerial lift truck was moved up to 2013. The existing aerial is believed to have some engine and transmission issues that will be very costly to repair. Staff has been very conscious in keeping the plan at an average level of approximately \$250,000. You will note that 2013 is fairly high in value due to the type of equipment being replaced, however the remaining years are much lower for a 5-year average of \$242,200.

Trustee Rieck questioned if we could rebuild the engine and keep the truck for another 5 years or more. Superintendent of Public Works Gary Helm replied that the truck needs too much work to be feasible. Mr. Helm commented that he is working with vendors to obtain a truck that would burn natural gas as well as gasoline. There are not a lot of miles on this vehicle, however there are many hours on the engine as this vehicle idles a lot due to the type of use.

Mr. Murphy stated that in his opinion the Village has developed a comprehensive equipment replacement program allowing vehicles to be replaced before breaking down causing expensive repairs and loss in productive man hours. He also commented that the Village is receiving fair prices for the old equipment using the on-line auction site.

There were no other comments or questions from Board members on this item.

Major project updates

The board reviewed the major projects.

Street Reconstruction (12-01): Project is anticipated to start on June 18. A letter has been sent to all affected residents informing them of the project.

Sidewalk Replacement Program (12-02): Project is anticipated to start on April 30. Currently working with the contractor who is making the poetry stamps to ensure we have them in a timely manner.

Bridge Street Dam Repair: Contract with Ayres & Associates has been signed, and they will complete the design survey and preliminary review of design alternatives.

Report of benchmark measurements-DPW

The board reviewed the benchmarks report.

Superintendent of Public Works Gary Helm stated that due to the mild winter, crews completed extra tree trimming. Crews have completed removing and stumping trees in the street improvement and sidewalk replacement project areas. Crack filling is anticipated to begin next week as well as tree planting.

Director of Public Works/Executive Utility Director Dave Murphy explained that previously the Village used square feet to determine the amount of crack filling done. Staff has determined that measuring material used may be a better tracking method for this activity. Therefore in 2012 you will see the material used also reported.

OLD BUSINESS

Utility Director Tom Krueger explained that there is a property, 935 North Green Bay Road, that has gone into foreclosure. The property owner was sent a letter approximately a year and a half ago explaining that they needed to connect to the sanitary sewer. Mr. Krueger commented that we need to make sure they hook up and that this does not fall through the cracks due to lack of communication.

NEW BUSINESS

None

ADJOURN

Motion by Trustee Meinecke, seconded by Trustee Harbeck, to adjourn the meeting at 6:47 p.m. Approved unanimously.