

VILLAGE OF GRAFTON
BOARD OF PUBLIC WORKS MEETING MINUTES

OCTOBER 10, 2011

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

Members present: Richard Rieck, Sue Meinecke, Lisa Harbeck, Pat Murray, and Edwin Dietrich.

Staff Present: Director of Public Works/Village Engineer Dave Murphy, Utility Director Tom Krueger, Utility Superintendent Tim Nennig, and Administrative Assistant Melissa Depies.

Others Present: Representatives from Donohue and Associates Leon Downing and Ken Sedmak, Bill Hass and Sue Hass

HEAR PERSONS REQUESTING TO BE HEARD

None

MINUTES

Motion by Trustee Harbeck, seconded by Mr. Murray, to approve the September 12, 2011 Board of Public Works meeting minutes.

Trustee Harbeck noted on page 3 in the motion to establish a recycling curbside collection fee it states the motion was approved 4-1, however Trustee Rieck was not in attendance therefore it should read "Approved 3-1".

The motion to approve the minutes as corrected was approved unanimously.

WATER & WASTEWATER

Anaerobic digesters expansion study update

Utility Director Tom Krueger introduced Ken Sedmak and Leon Downing from Donohue and Associates.

Ken Sedmak gave a power point presentation on the Anaerobic Digestion Evaluation study. He explained that based on the 2007 Feasibility of Expansion report, the utility is currently operating at 1.2 million gallons per day with waste solids at 7,800 gallons. The digestion capacity needed for a design year flow of 2.5 million gallons per day is 18,190 gallons of waste solids.

Mr. Sedmak explained that the theoretical capacity of the digesters is 10,130 gallons per day; however, the actual operational capacity is 7,400 gallons per day. The reason that the actual operational capacity is so much less than the theoretical capacity is because of the

foaming that occurs. If the Utility eliminates the foaming, the digesters would be large enough for another 10 to 13 years. Three alternatives were looked at to address the capacity issue:

Alternative 1: Add a digester with foam catching capacity;

Alternative 2: Add an acid reactor unit to minimize foam and a mesophilic digester;

Alternative 2b: Add an acid reactor unit that would process only thickened waste activated sludge (TWAS) and, a mesophilic digester;

Alternative 3: Add a temperature phased anaerobic digester, which operates at 130 degrees versus 98 degrees and produces a Class A sludge rather than a Class B sludge. The material must be fed in batches for this type of process and operation.

After evaluation of these options Utility Director Tom Krueger indicated that he was in favor of alternative 2b. This option addresses the foaming issues and allows the project to be done in phases which will reduce the upfront costs and allow the costs to be spread out over time.

Director of Public Works/Village Engineer Dave Murphy questioned which Utilities are providing a Class A sludge with the new process. Mr. Sedmak indicated that some utilities are being forced to become Class A because they cannot land-apply the sludge; however, that is not the case for Grafton. Mr. Murphy explained to the Board members that Class B sludge is injected into fields for fertilizer and Class A sludge can be publically distributed similar to milorganite. Class A sludge is a safer material with absence of pathogenic organisms. Mr. Sedmak stated that the City of Milwaukee produces a Class A sludge that is sold as milorganite; however, they only recover approximately 60 percent of their costs. Mr. Sedmak indicated that Class A sludge is regulated pretty heavily.

Motion by Mr. Murray, seconded by Trustee Harbeck, to recommend the Village Board accept the final report by Donohue and Associates - Sheboygan, WI entitled Anaerobic Digestion Evaluation Technical Memorandum dated September 12, 2011. Approved unanimously.

Utility Project update

Utility Vehicle/Storage Facility: Program planning, preliminary design work and construction cost estimates have been completed. The architect is working with field employees to begin a more detailed design. Facility construction is anticipated for 2012.

Regional Lake Water Supply Study: The consultant has met to review individual municipal goals. A follow up meeting is scheduled for October 11 to review common goals and to establish criteria for alternatives.

Utility budget dashboard measurements update

Utility Director Tom Krueger indicated that these are budgetary benchmarks that are provided monthly for Board information.

Report of benchmark measurements – Utility

The benchmark report was reviewed by Board members.

Utility Superintendent Tim Nennig stated that field crews are approximately 2/3 done with fall hydrant flushing.

Mr. Nennig indicated that valve exercising and leak detection has been contracted. The contractor has currently exercised approximately 400 of the 600 valves that need to be done. The contractor is also completing a leak detection survey simultaneously with the valve exercising. Slight adjustments have been needed; however, no major leaks have been discovered.

Mr. Nennig stated that the Utility has experienced their fourth water main break at Seventh Avenue and Maple Street. Utility and Public Works crews completed the repairs Monday, October 10.

Utility Director Tom Krueger indicated that the Village may want to consider completing water main replacement on Seventh Avenue in the near future. The pipe is pitted and corroded and is over 40 years old.

Director of Public Works/Village Engineer Dave Murphy indicated that storm sewer work has been on the books for this area for some time. He stated that development at the lumberyard site will trigger the work. Pace Industries experiences surcharges of water during heaving rains and the storm sewer work will help alleviate this problem as well as accommodate any additional storm water loads that may occur as a result of lumberyard site development.

PUBLIC WORKS

Resolution authorizing the urban forestry grant program

Director of Public Works/Village Engineer Dave Murphy stated that he applied for a forestry grant to complete a tree inventory to combat the Emerald Ash Borer. The grant application requires a 50 percent match from the municipality. The Village share would come from the \$12,000 that is budgeted for tree purchases and in-kind labor and machinery expenses.

Motion by Mr. Dietrich, seconded by Mr. Murray, to recommend the Village Board adopt a Resolution authorizing the urban forestry grant program.
Approved unanimously.

Maintaining Traffic Sign Retro-reflectivity Policy

Director of Public Works/Village Engineer Dave Murphy stated that the Village needs to adopt this policy to meet the new federal guidelines that go in effect the end of 2011. The policy is a guideline used for sign assessment or management methods to maintain minimum levels of sign retro-reflectivity.

Motion by Trustee Harbeck, seconded by Trustee Meinecke, to recommend the Village Board adopt the Village of Grafton Retro-reflectivity Policy. Approved unanimously.

Ordinance amending chapter 8.20.060 relating to garbage and refuse container placement for collection

Director of Public Works/Village Engineer Dave Murphy explained that while assisting a resident, staff discovered that a code correction is needed to clarify the time of trash/recycling cart placement and removal. The existing language includes two time periods in which the carts could be placed at the curb prior to collection.

Motion by Mr. Murray, seconded by Mr. Dietrich, to recommend the Village Board approve an Ordinance amending Chapter 8.20.060 Relating to Garbage and Refuse – container placement for collection of Grafton Municipal Code. Approved unanimously.

Major project updates - DPW

All projects are complete.

Trustee Meinecke questioned why the sidewalk program went over budget. Director of Public Works/Village Engineer Dave Murphy stated that when the bids were received some sidewalk blocks were removed by the Engineer Technician so that the project would be within budget; however, these addresses were missed by the contractor as well as by himself.

Report of benchmark measurements-Public Works

The Board reviewed the benchmarks report.

OLD BUSINESS

Sue Hass, 1226 Water Terrace, questioned if the Lime Kiln Park restoration was going to be done this year. Mr. Murphy responded that Ozaukee County is building a bridge in their shop and then putting it in place. Once the bridge is in place they will build the railings and restore the area.

Mrs. Hass questioned if there was an actual cost figured for the dam removal at Lime Kiln Park. Mr. Murphy stated that he does not have those costs as it was a County project, the figures would need to be obtained from Andrew Struck.

NEW BUSINESS

Director of Public Works/Village Engineer Dave Murphy stated that the 2012 Street Improvement Program will include: 11th Avenue (Cedar Street to Broad Street); 13th Avenue (Cedar Street to Broad Street); Broad Street (Wisconsin Avenue to 13th Avenue); and Cedar Street (11th Avenue to 12th Avenue). He and Engineering Technician Steve Block have completed the survey work and are beginning the plan design.

ADJOURN

Motion by Trustee Harbeck, seconded by Mr. Murray, to adjourn the meeting at 6:58 p.m. Approved unanimously.