

VILLAGE OF GRAFTON

BOARD OF PUBLIC WORKS MEETING MINUTES

APRIL 12, 2010

The Board of Public Works meeting was called to order at 6:00 p.m. by Chairman Ron LaPean.

Members present: Ron LaPean, Pat Murray, and Edwin Dietrich.

Members absent: Scott Volkert and Richard Rieck.

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

Others Present: Village Trustee Sue Meinecke, Lisa Harbeck, Ozaukee County Director of Planning and Parks Andrew Struck, Ozaukee County Planning and Parks Program Manager Matt Aho, and many interested citizens.

HEAR PERSONS REQUESTING TO BE HEARD

None.

MINUTES

Motion by Mr. Dietrich, seconded by Mr. Murray, to approve the March 8, 2010, Board of Public Works meeting minutes. Approved unanimously.

PUBLIC WORKS

Bridge Street Dam Fish Passage - Update

Ozaukee County Director of Planning and Parks Andrew Struck gave a brief update on the Bridge Street Dam Fish Passage project.

Mr. Struck stated that Ozaukee County has contracted with Bonestroo for the fish passage design. Underwater investigations have been completed and the dam was found to be in good condition. Engineers have identified two areas that need repairs. There is a crack in the concrete cap that was poured over bedrock that does allow water to flow through. The concern is the underlying bedrock is not of the highest quality and the east abutment wall is poured against this poor quality bedrock. The second concern is the west abutment block wall appears to have lost most of the mortar.

Mr. Struck expressed that these are very preliminary results and a full report will be available soon. He again stated that the dam was found to be in good condition with the exception of the side abutments.

Mr. Struck stated that there are advantages and disadvantages for both the east and west side of the dam for the construction of the fish passage. Once the area of installation is determined a project timeline will be refined.

Bill Harbeck, 907 17th Avenue, asked for an explanation of how the drawdown will happen and what is expected to be exposed at that time. Mr. Struck stated that the draw down procedure will depend on which side the fish passage is constructed. The conceptual plan is to use the current raceway for the draw down. If the fish passage is constructed on the east side, additional coffer damning will be necessary.

Trustee LaPean commented that Mr. Struck is not here for questions, this was meant for a quick update as to the progress of the project. Once the report on the dam structure is received and the design is done a public informational meeting will be held for these types of questions.

DPW 5-Year Capital Improvement Program

Director of Public Works/Village Engineer Dave Murphy stated that the 2010 Capital Improvement budget includes funds for Cedar Creek Road. It was decided that the Ozaukee County Highway Department would be completing this project to save the Village the expense of bidding the project and paying prevailing wages. However, Governor Doyle has now made it mandatory that counties also pay their workers prevailing wages on this type of project, therefore the project may go over budget. Village crews will be doing some of the work such as trucking, shoulder work, culvert work, etc. to save some costs.

The remainder of the Street Improvement projects was adjusted according to the road ratings and sewer work to be done.

Mr. Murphy stated that the Stormwater section is very preliminary at this time. In 2010 we are completing another SLAMM modeling to determine where we are with the Total Suspended Solid removal. The results of this modeling will determine future storm water management projects.

Superintendent of Public Works Gary Helm presented the equipment replacement program. He noted that a payment of \$10,500 to the Water and Waste Water Utility was added to the program for the next 4 years for re-payment of the mid-size excavator. He then noted that each item in the program is a replacement item with the exception of the crack router.

Mr. Murphy noted that a new snow plow and additional person is slated for 2012. This is something that has been requested for the past 3 years; however, it keeps getting pushed back due to the economy and decline in new development. This request will be reviewed each year and adjusted accordingly.

Motion by Mr. Dietrich, seconded by Pat Murray, to recommend the Finance Committee recommend Village Board approval of the 2011-2015 Department of Public Works Capital Improvement Program, as presented. Approved unanimously.

Major projects update

Director of Public Works/Village Engineer Dave Murphy stated that projects are just starting.

Sidewalk Replacement Program: Contractor began work April 12, and the project should take approximately 2 or 3 weeks to complete.

Street Reconstruction: Project was awarded to Ozaukee Excavating. The anticipated start date is April 26. Trustee Meinecke questioned if there was any plan to move the green utility box for the property owner. Mr. Murphy responded that because there is no work behind the curb and gutter the box will not be relocated.

Municipal Services Facility: The schedule move in date is April 23. The Parks and Recreation and the Public Works offices will be closed for business that day to complete the move. The existing building will be razed once we are completely moved out and then the garage portion will be finished. Final construction is anticipated to be completed in August, with an open house to follow.

Village Hall Remodeling Project: Project is still not complete, the parking lot and the landscaping need to be completed.

Multi Modal Path on STH 60 from First Avenue to Canary Court: The only remaining work on this project is the two abutments to the boardwalk. They will be completed when the asphalt plants open.

Removal of the Lime Kiln Dam: The plans are at the Army Corp of Engineers for review and permit.

Mr. Murphy also noted that the railroad crossings on Wisconsin Avenue and Bridge Street are scheduled to be resurfaced this year in conjunction with the Wisconsin Central Railroad.

Report of benchmark measurements - DPW

The benchmark report was reviewed by Board members.

Superintendent Helm gave brief update on the benchmarks. He explained that trees are being removed in conjunction with the sidewalk replacement program. If the trees are too big for the boulevard, they are being removed rather than root cutting as this makes the tree unstable.

Mrs. Depies noted that the crew has also spent a lot of hours moving equipment into the new facility.

Director of Public Works/Village Engineer Dave Murphy distributed an updated project cost spreadsheet for Board review. He noted that the Water and Wastewater Utility has declined the frame for the steel building; therefore, the Village will receive a credit to the project for the material. Mr. Murphy also noted that soil conditions for Phase II of the project are unknown and there could be additional expenses if the soil is bad.

WATER & WASTEWATER

Green Bay Road sewer extension change orders 1, 2, and 3

Utility Director Tom Krueger explained that this project was to extend sewer service to four property owners on North Green Bay Road. During the course of construction 3 change orders were necessary to address field conditions.

- Change Order 1 (\$1,490.88): Place slurry backfill in Claern Court trench rather than granular backfill as required by the street opening permit.
- Change Order 2 (\$6,851.50): Contractor encountered bedrock between manhole 2 and 3 which required blasting and removal.
- Change Order 3 (\$650.00): Replacement of rings and frame on existing manhole in Claern Court.

Total change orders \$8,992.38. Project remains under budget by approximately \$8,349.

Motion by Mr. Murray, seconded by Mr. Dietrich, to recommend the Village Board approve change order #1 (\$1,490.88), #2 (\$6,851.50), and #3 (\$650) on the Green Bay Road sewer extension project totaling \$8,992.38. Approved unanimously.

Mr. Krueger noted that two the property owners are already hooked up to this sewer. A letter is being sent to the remaining property owners. Per Village Code, property owners have 12 months from date of notice to connect to the system.

Water towers maintenance agreement

Utility Director Tom Krueger explained that over the last few years the Utility has completed comprehensive inspections of all three water towers. These inspections produced a list of necessary maintenance and re-coating work.

The recent inspections recommended that all three towers undergo major re-coating in the next 3 to 5 years. The estimated cost for this work could range between \$190,300 and \$224,500 per tower. As an alternative option to spending this large amount of money over the next few years, a long term maintenance contract was investigated.

Mr. Krueger explained that contract maintenance would help keep major costs under control. The contracts are designed so that the Village would not experience a situation where large amounts of money would be necessary for yearly repairs.

Mr. Krueger explained a cost comparison spreadsheet for the two companies that bid on the contract maintenance compared to the current or traditional method of maintenance. He stated that there are higher costs in the first 5 years because of the necessary re-coating on all three towers.

Mr. Krueger also explained the differences between the two maintenance proposals received. Each company has a different philosophy regarding needed maintenance. Dixon Engineering only does maintenance as required by inspection where Utility Services Company has a maintenance program that is in accordance with a pre-established schedule.

Trustee LaPean questioned if other municipalities are under contract for tower maintenance. Mr. Krueger responded that there are several and there is a growing number in Wisconsin. Watertown was the first community in Wisconsin and they have been under contract for the past 4 or 5 years.

Trustee LaPean questioned if the Village should enter into this contract or if the Village should wait a few years to obtain information from Watertown on the results. Mr. Krueger commented that he did like the idea of a maintenance contract because it is taking a proactive approach to tower maintenance and allows for easier, more consistent budgeting. Utility Superintendent Tim Nennig commented that he also liked the proactive approach; however, he is not in favor of a 20 year contract.

Mr. Krueger stated that Dixon Engineering does have a track record with other states for tower maintenance; however, this is fairly new in Wisconsin. He also noted that, with the Dixon contract, the Utility would not be bound to services over a certain term of the maintenance plan. There would be an agreement governed by a series of service agreements and guided by owner satisfaction with services rendered.

Trustee LaPean questioned if the Board was comfortable voting on this matter or did they want to continue with traditional type of maintenance while continuing with additional investigations including recommendations.

Mr. Krueger stated that he would like to proceed with rehabilitation at Tower 1 and then set up a restricted fund for future water tower maintenance so the Utility can be more proactive with the possibility of a future maintenance contract. The idea behind the contract was primarily for budget purposes.

Motion by Mr. Murray, seconded by Mr. Dietrich, to recommend the Village Board complete necessary repairs to water Tower 1, complete further investigations regarding maintenance contracts, and meet with the Finance Department

regarding setting up a restricted account for tower maintenance funding.
Approved unanimously.

Utility 5-Year Capital Improvement Plan

Utility Director Tom Krueger highlighted several of the major projects anticipated in the next 5-years. He noted that River Bend Road lift station was slated for 2012; however, the timing of this project was dependent on the east side sewer flows, development, and the flows impact that the Aurora Hospital will have.

A new equipment garage is scheduled for 2011. Investigations need to be done on where the new building will be located.

A new plant sludge boiler is scheduled for 2013 and including a possible third digester tank.

Mr. Krueger stated that he is working with the Department of Public Works to align future sewer/water main replacement projects with the street replacement program.

Motion by Mr. Dietrich, seconded by Mr. Murray, to recommend the Finance Committee recommend Village Board approval of the 2011-2015 Water and Wastewater Capital Improvement Program, as presented. Approved unanimously.

Utility projects update

Leak detection survey work: This was completed last week. A total of 15 leaks were identified that have been estimated at 190,000 gallons per day of water loss. Two of the water main leaks and all seven water service leaks have been repaired. Another 5 leaks were identified at hydrant locations and will be repaired in follow-up to the hydrant flushing program.

GIS Implementation: Field work will be complete in the next week or so. The program is in a form for public access and will be linked to the Village web site in the near future. Village staff will have a more advanced access level than the public.

Combination Boiler/Heat Exchanger-Equipment Replacement: Phase 1 equipment replacement is currently out for bid with a bid opening scheduled for April 27.

Bridge Street Lift Station: Project is currently out for bid with a bid opening is scheduled for April 27.

Green Bay Road Sewer Extension: Project is substantially complete. Site restoration remains to be done.

Report of benchmark measurements - Utility

The benchmark report was reviewed by Board members.

Utility Superintendent Tim Nennig highlighted the benchmarks stating that hydrant flushing will begin Monday, April 19, and will take approximately 4 weeks to complete. Staff is upgrading the AMR technology with new AMR units as well as testing the 1 inch and 1-1/2 inch meters. Meter testing with sizes over 3 inches is contracted out.

Mr. Nennig noted that they have had three water main breaks and 10 service lateral leaks to date.

Mr. Krueger noted that the Utility will continue to budget for and complete leak detection activities until all leaks are down to an acceptable level.

OLD BUSINESS

Director of Public Works/Village Engineer Dave Murphy stated that Gremmer and Associates has been hired to complete the design for the Falls Road project slated for 2011. Mr. Murphy has been in contact with the property owner regarding the storm water easement for the needed box culvert extension as well as the grading easement.

NEW BUSINESS

Utility Director Tom Krueger stated that he has been contacted by the Ozaukee County Communications Manager regarding installation of some microwave dishes on the Village water tower located near the high school. This is needed for setting up a law enforcement network. Mr. Krueger noted that this particular tower already has a lot of cell equipment on it and additional dishes may be problematic. Mr. Krueger noted that he offered Tower 1 (the North Street tower) as it does not have anything else on it. Mr. Krueger will keep the Board informed as further information is received.

ADJOURN

Motion by Mr. Dietrich, seconded by Mr. Murray, to adjourn the meeting at 7:26 p.m. Approved unanimously.