

VILLAGE OF GRAFTON
BOARD OF PUBLIC WORKS MEETING MINUTES

AUGUST 9, 2010

The Board of Public Works meeting was called to order at 6:55 p.m. by Chair Ron LaPean.

Members present: Ron LaPean, Sue Meinecke, Pat Murray, Richard Rieck, and Edwin Dietrich.

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: Andrew Struck, Matt Aho, and Ryan McCone from Ozaukee County Planning/Parks Department, Chad Davidson and Dale Buser from Bonestroo, and many concerned citizens.

HEAR PERSONS REQUESTING TO BE HEARD

None.

MINUTES

Motion by Mr. Dietrich, seconded by Mr. Murray, to approve the July 12, 2010 Board of Public Works meeting minutes. Approved unanimously.

BRIDGE STREET DAM FISH PASSAGE - UPDATE

Andrew Struck, Ozaukee County Planning/Parks Department introduced the design team for the Bridge Street Dam Fish Passage, which includes:

Andrew Struck – Ozaukee County / Matt Aho – Ozaukee County
Ryan McCone – Ozaukee County / Chad Davidson – Bonestroo
Dale Buser - Bonestroo

Mr. Struck stated that they have advanced in the design process; however, this is not the final plan. Some water flow modeling needs to be completed prior to final design.

Chad Davidson, Bonestroo, presented various drawings and views of the proposed fish passage. He explained the design elements of the structure as well as the structure functions.

Dale Buser, Bonestroo, stated that the only place they will be digging into the bank of the river is at the dam site. The green and brown sections of the diagrams are the existing river banks.

Mr. Davidson then explained the cross section diagrams of the proposed plan.

Mary Mulloy, 1110 Riverview Court, questioned if the fish would be able to be seen under the water.

Less Blum, 1108 Sunset Court, questioned if the channel would be visible.

Mr. Struck replied that the channel will have a concrete wall to separate the water flow of the river from the channel. The channel will not be a sheet of concrete, it will be a concrete bed covered with rock so that it will appear like the natural river. The rocks will probably be set in so that they do not move around causing maintenance issues in the future.

Mr. Murphy indicated that he was concerned with the channel minimizing the cross section of the river, which will increase the flow, which will increase flooding of the river walk. Mr. Murphy stated that he was under the impression that the wall was going to be about 6 inches above normal water elevation and this plan is showing the proposed wall at 3.5 feet. Mr. Struck responded that the wall height was changed due to concerns with certain invasive species.

Bill Hass, 1226 Water Terrace, stated that he does not see any additional auxiliary water flow in the plans. He then stated that he thought they would have included a gate. Mr. Struck replied that there will be gate on both ends of the passage. Just like the dam, the 18 inch separation between the impoundment and the wall will need to be maintained.

Ryan McCone, 1711 Audubon, member of the design team, stated that the primary goal is fish passage; the secondary goal is non invasive species control and not NR333 requirements. Mr. Murphy stated that the Village's secondary goal is NR333 and flooding.

Ted Warwick, 1742 Falls Road, stated that it does not appear that you have the function down yet. What fish are target species for this passage? Mr. Davidson indicated that we are working through the modeling and have not run the models yet. The targeted fish species are Northern Pike, Sturgeon, and Walleye.

George Hollrith, questioned if the velocity of the water affects the fish. Mr. Davidson replied yes. The passage will include pools, rocks, and structures to slow the water down and allow the fish to rest, if necessary.

Ann Hollrith, stated that when this project started it was urgent that the work be done and it seems to be moving much slower now. She questioned if is there a time limit when the work must be completed by. Mr. Struck stated that the overall schedule is the same. The NOAA funding is to be used by the end of 2010; however, they are considering an extension of time to complete the project until early 2011, due to all the public input and concern.

PUBLIC WORKS

Adopt Falls Road Urbanization Preliminary Assessment Resolution:

Director of Public Works/Village Engineer Dave Murphy indicated that the Preliminary Assessment Resolution is necessary for the Village to recover costs associated with the Falls Road Urbanization project.

Motion by Trustee Rieck, seconded by Trustee Meinecke, to recommend the Village Board adopt a Preliminary Assessment Resolution for urbanization of Falls Road from Blackhawk Drive to Port Washington Road. Approved unanimously.

Adopt WIS 60 Pedestrian Path Final Assessment Resolution:

Director of Public Works/Village Engineer Dave Murphy explained that it is necessary to adopt the Final Assessment Resolution for the pedestrian path and WIS 60. A spreadsheet has been included which provides the total project costs as well as cost by property owner.

Mr. Murphy stated that the project cost was higher than the estimate because of the inability to draw down the water and expanding the bridge to accommodate the railings.

Motion by Trustee Rieck, seconded by Mr. Dietrich, to recommend the Village Board adopt the Final Assessment Resolution for construction of the WIS 60 Pedestrian Path. Approved unanimously.

Major projects update

Street Reconstruction-15th Avenue/9th Avenue/Power Street: Project is substantially complete. A punch list is being created for the contractor.

Cedar Creek Road Reconstruction: Village crews have completed the culvert replacements and the shoulder widening. A preconstruction meeting will be scheduled with Payne & Dolan for next week to schedule the road milling and paving.

Falls Road Urbanization: Preliminary meeting tonight went well, received many good comments from the property owners.

Trustee Meinecke excused herself at 7:32 p.m.

Municipal Services Facility: Paving and curb work are complete, with final landscaping to follow. The project should be complete in the next week or two.

Ozaukee County Fish Passage: Mr. Murphy stated that he is concerned with the height of the wall and maintenance of the fish passage. The east abutment wall is estimated to cost between \$50,000 to \$100,000. Mr. Murphy would like something that will not only handle the fish passage but also reduce flooding. The fish viewing site will be on

the north side of WIS 60 so you can see the fish coming up and leaving the fish passage.

Building Demolition-1435 Wisconsin Avenue (Moose's): Project has been awarded to Guelig Demolition. They are working with Building Inspector Thomas Johnson to obtain the razing permit.

Report of benchmark measurements – Public Works

The benchmark report was reviewed by Board members.

Mr. Helm stated that the crews have been working on Cedar Creek Road, as well as completing the regular day to day operations. They began the catch basin cleaning this week and hope to finish this project in the next couple of weeks.

Trustee Rieck questioned if the recycling percentage was good. Mr. Murphy stated that previously we had a hard time reaching 25 percent and are now at 31 percent. We had previously placed relevant articles in the newsletter; however, since it is no longer being mailed we are unsure how many people are still getting that information.

WATER AND WASTEWATER UTILITY

UV disinfection study

Utility Director Tom Krueger explained that the Utility has used chlorine gas for disinfection since 1971. An alternative to this type of disinfection is the use of a UV (ultraviolet light) disinfection system. Mr. Krueger requested hiring Donohue & Associates to complete a study to determine which UV system would be the best for Grafton since the system will need to be retro-fit.

Mr. Krueger noted that chlorination is still the least expensive way to disinfect; however, it is very hazardous. Therefore for safety reasons they are proposing the UV Disinfection system.

Motion by Mr. Dietrich, seconded by Mr. Murray, to recommend the Village Board approve the UV Disinfection Engineering Services Agreement with Donohue & Associates, Inc., Sheboygan, WI for a not to exceed cost of \$4,860. Approved unanimously.

News from the field: 2010 Wisconsin Water Facts

Utility Director Tom Krueger highlighted a fact sheet prepared by the Public Service Commission:

1. In 2009, Grafton began reporting as one of 75 Class AB utilities.
2. Like many other water utilities, Grafton has seen a decline in volumes sold since 2005. Grafton's decrease in water sold per residential customer since 2005 was 9 percent.
3. On average, residential customers in Grafton used 53,800 gallons in 2009, compared to 54,900 gallons residential average across all reporting utilities.

4. Wisconsin residents on average pay \$4.07 per 1,000 gallons of water. Grafton's current rate is \$2.41 per 1,000 gallons.
5. The average statewide quarterly cost of water for 18,750 gallons was \$76.37 for residential customers. In Grafton, the average residential quarterly cost for the same volume of water is \$63.19.

Mr. Krueger stated that Grafton compares quite favorably with other water utilities in almost all categories.

Utility projects update

Plant Heating Boiler Replacement: The project is moving along nicely, there is a lot of activity going on right now.

Green Bay Road Sewer Extension: All landscaping issues have been resolved. The project is being closed out.

Trustee LaPean questioned why the budget numbers were so much higher than the contract prices. He questioned if the budget numbers were inflated. Mr. Krueger responded that the budget number was based on past projects; however, the bids came in much lower due to the construction climate.

Report of benchmark measurements - Utility

The benchmark report was reviewed by Board members.

Utility Superintendent Tim Nennig stated that the Utility and the Department of Public Works have been joining forces to do valve repairs rather than contracting out the work, resulting in a cost savings to the Village.

Mr. Nennig noted that there are approximately 40 hydrants that need repairs to improve operation. He further noted that the hydrants are functional for Fire Department use.

The Utility has experienced five water main breaks to date. Again a joint effort between the Utility the Department of Public Works for these repairs has reduced and/or eliminated the need to hire a contractor for these repairs.

Mr. Nennig noted that there have been 11 residential service lateral repairs. Repairs to the most recent were completed by the Utility and the Department of Public Works for a considerable cost savings with little disruption to the residents.

Non-Residential Cross Connection Control Inspection should be 100 percent complete by the end of the week.

OLD BUSINESS

None.

NEW BUSINESS

Utility Director Tom Krueger distributed a design of a proposed identification sign for the Water and Waste Water Utility. The proposed location for the sign is at Falls Street and Ninth Avenue, near or in front of the existing garage building. The cost of \$5,200 for the proposed sign is not in the 2010 budget; however, funds are available from two lower priority equipment purchases that would be forgone in 2010. Board members were unanimous in support of this sign project.

Director of Public Works/Village Engineer Dave Murphy distributed a report he received from Collins Engineers on the Bridge Street Dam. The report notes that the east abutment is cracked on top and will need to be repaired. Mr. Murphy would like to include improvements to the dam to meet the NR333 requirements as part of the fish passage project.

Mr. Murphy presented an updated spreadsheet on the costs of the Municipal Services Facility indicating that there is approximately \$100,000 remaining for unexpected costs. He is aware of some forthcoming change orders that will reduce this amount to approximately \$50,000.

ADJOURN

Motion by Mr. Dietrich, seconded by Mr. Murray, to adjourn the meeting at 8:01 p.m. Approved unanimously.