

## VILLAGE OF GRAFTON

### BOARD OF PUBLIC WORKS MEETING MINUTES

**JANUARY 11, 2010**

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

Members present: Ron LaPean, Pat Murray, Edwin Dietrich, Richard Rieck, and Scott Volkert.

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

Others Presents: Bill Hass

#### **HEAR PERSONS REQUESTING TO BE HEARD**

Bill Hass, 1226 Water Terrace, had three questions regarding the Bridge Street dam as follows:

- 1) *In reading the past history of the dam, including inspection reports and letters from the DNR, it was clear that the west abutment was part of the spillway system of the dam. Is the design of the Fish Ladder going to include restoring the west abutment to be functional as a spillway during periods when the Fish Ladder floods?* Director of Public Works/Village Engineer Dave Murphy stated that AECOM has recently been awarded the design contract for this project. It has not yet been determined if the spillway will be restored. Mr. Hass questioned if the Village was familiar with AECOM and where their expertise on Fish Ladder design was from. Mr. Murphy responded that the Village has worked with AECOM on several other type projects. Mr. Murphy noted that AECOM is a very large firm which has offices nationally. Trustee LaPean suggested that Mr. Hass contact Mr. Murphy during regular business hours as these are questions that do not need to take place at a public meeting.
- 2) *As a homeowner along this portion of the river, and as an engineer, I would like to review the design as it proceeds. Is that possible?* Director of Public Works/Village Engineer Dave Murphy stated that there will be a Public Informational meeting when the design is approximately 60 percent complete. Individual meetings during the design process are generally not provided.
- 3) *Given that Andrew Struck is proceeding full force ahead with the Fish Ladder, what is the plan for accessing the site along the river?* Director of Public Works/Village Engineer Dave Murphy stated that access to construct the Fish Ladder has not been fully determined; however they do not plan to access the river from private property.

There has been discussion that access will be from the Riverwalk, the Bridge Street Bridge, and/or a barge.

## **MINUTES**

Motion by Trustee Rieck, seconded by Mr. Dietrich, to approve the December 14, 2009 Board of Public Works meeting minutes. Approved unanimously.

## **WATER & WASTEWATER**

### Green Bay Road lift station project – Change Order No. 1

Utility Director Tom Krueger explained that Change Order 1 for the Green Bay Road lift station project is only for an extension of time, as requested by the contractor, there is no monetary changes to the contract. The contractor has asked that substantial completion be extended from December 22, 2009 to January 22, 2010, and that final completion be extended from February 6, 2010 to May 30, 2010. The Utility will not be monetarily harmed by the extension request.

Motion by Trustee Volkert, seconded by Mr. Murray, to recommend the Village Board approve the request by Rawson Contractors, Inc., Sussex, WI, to extend the substantial completion date for the Green Bay Road lift station project from December 23, 2009 to January 22, 2010, and to further extend the project's final completion date from February 6, 2010 to May 30, 2010, with no application of liquidated damages. Approved unanimously.

### Utility projects update

The Board reviewed the projects update.

Leak Detection Survey: Project is approximately 50 percent complete. Project is on hold due to weather conditions and will resume when the snow melts. To date seven leaks have been identified.

Green Bay Road Sewer Extension: Execution of contract documents is pending the receipt and recording of the five easement agreements. We may have trouble obtaining one easement as the property owner is out of state and is not responding to letters or telephone calls.

Bridge Street Lift Station Replacement: AECOM was awarded the design contract. This project is in the early design phase.

### Report of Benchmark Measurements – Utility

The benchmark report was reviewed by Board members.

Utility Director Tom Krueger noted that the information sheet for the benchmarks was not included with the packet. He will forward the information to all Board members as this is the final report for 2009.

## **PUBLIC WORKS**

### 2010 Equivalent Charges – Water, Sewer and Road Projects

Director of Public Works/Village Engineer Dave Murphy stated that the Board annually sets the fees to be used for 8-inch equivalent sewer and water main installation and for the interceptor connection fee cap based on the increase in the Engineering News-Record, which was 1.3 percent for 2009. The I-43 Lift Station increases by 8 percent annually.

Utility Director Tom Krueger requested that the Equivalent Residential Connection Fee be set at \$780, rather than the calculated \$780.01.

Motion by Mr. Murray, seconded by Trustee Rieck, to recommend the Village Board set the following 2010 fees: Interceptor Connection Fee Cap (per acre) - \$2,867, 8" Equivalent Sanitary Sewer Fee (per foot) - \$72.38, 8" Equivalent Water Main Charge (per foot) - \$59.43, Road Construction - \$178.39, I-43 Lift Station - \$1,763.26, I-43 Sewer & Water Crossing-Water main/per acre - \$361.76, I-43 Sewer & Water Crossing-Sanitary sewer/per acre - \$453.52, and Equivalent Residential Connection Fee - \$780. Approved unanimously.

### Department of Public Works Site Change Order No. 4

Director of Public Works/Village Engineer Dave Murphy explained the various items covered in change order 4 for the Municipal Services Facility.

Footing Over Excavation – During the construction of Phase I, additional soft spots were discovered under the footings. These areas were over excavated and filled with a lean concrete mixture to provide adequate support for the building. The cost of for the additional excavation and filling is \$1,313.

Additional Rip Rap at North Pond – During the construction of the North Pond, Director Murphy determined that the plans did not have include enough rip rap and the weight of the rip rap was under sized. The contractor increased the size of the rip rap at no additional cost, but the additional rip rap needed to control the water from the outfall came to \$1,238.

Additional Roof Vents at drop off site building – Kueny Architects determined that eight additional roof vents where necessary at a cost of \$255.

Deduct for Generator – The Village has issued a purchase order directly to the vendor for the facility generator, in the amount \$61,000, for a total savings of \$3,416. The credit to the contract with Miron for directly purchasing the generator will be \$64,416.

Stairway to mezzanine – In order to remove the stairway from window areas, the direction of the stairway was changed. This change resulted in the need for additional steel and labor at a cost of \$667.

Contract Extension – Miron Construction has asked to extend the contract for 30 days due to the extra work related to the removal of the pond. There is no change in the contract price.

Removing poor soils by salt dome – Due to the heavy rains in October, the back yard area had poor soil conditions. In order to move ahead with paving for the construction of the salt dome, Director Murphy ordered the poor soils to be removed. An additional six inches of soils were removed and an additional six inches of gravel was placed on-site at an additional cost of \$12,569. The Village also purchased fabric, directly from the manufacturer, to place under the gravel at a cost of \$800.

Addition of the Lubrication Dispensing System – This item was part of the original bid; however, was not included with the original contract award. With the removal of the pond and underground storage tanks being an unknown factor during the award, Director Murphy wanted to make sure there was enough cushion to take care of these issues. With Phase I out of the ground, the budget can now support this item as part of the contract. This item adds additional efficiencies in the maintenance of the fleet and allows us to purchase oil in bulk at reduced rates. The cost of the installation is estimated at \$38,000. The Village will purchase the equipment directly from the manufacturer, to save related sales tax, for an estimated cost of \$40,000. This will add \$78,000 to the project cost.

Board members requested that a project cost analysis spreadsheet be made available each month to monitor the project.

Motion by Mr. Dietrich, seconded by Mr. Murray, to recommend the Village Board approve Change Order 4 to Miron Construction, for a credit of \$10,374 and allow the direct purchase of the lube system for an additional \$40,000. Motion approved 4-1, (S. Volkert – nay).

Municipal Services Facility – shelving, files, and brackets

Director of Public Works/Village Engineer Dave Murphy stated that shelving, files, and brackets will be needed at the new facility to organize the equipment for efficiency. The estimated cost for these items is \$30,000.

Motion by Mr. Dietrich, seconded by Trustee Rieck, to recommend the Village Board approve project cost of \$30,000 for files, shelving and brackets for the new Municipal Services Facility. Approved unanimously.

Report of benchmark measurements - DPW

The benchmark report was reviewed by Board members.

It was noted that there was no sand/salt mix used in 2009, for snow and ice control. Trustee Volkert questioned how the use of sand affected the storm sewers. Mr. Murphy responded that sand builds up in the bottom of the catch basins, which means that they need to be cleaned more frequently and the cost of disposal is increased.

Trustee Rieck questioned the use of beet juice. Mr. Murphy explained that as part of the new facility we will be installing liquid tanks so the Village can mix a brine that consists of a salt brine, calcium chloride, and beet juice. This mixture will be used to help reduce the amount of salt needed for de-icing the roads.

### **OLD BUSINESS**

Trustee LaPean requested that the pond on Falls Road/Green Bay Road, across from Lime Kiln Park be posted "No Skating". He noticed that people have been clearing the snow and skating on the pond and he is worried about liability. Mr. Murphy responded that Village Administrator Hofland and Village Clerk Dylak are checking with the insurance company regarding Village liability if the pond is not signed or what action is necessary.

### **NEW BUSINESS**

Director of Public Works/Village Engineer Dave Murphy stated that the DNR is considering new regulations for the Stormwater Discharge Permit. Currently the rule states that each permitted entity must remove 40 percent of Total Suspended Solids (TSS) by 2013; however, many entities are having a tough time meeting this requirement. The new rule will state that if you do not meet the 40 percent removal of TSS then you must create a plan to reach 40 percent removal by 2020, and spend up to \$0.37 per \$1,000 assessed value each year until the goal is reached. The \$0.37 per \$1,000 assessed value would come to about \$410,000 per year for Grafton.

Mr. Murphy noted that Grafton is very close to meeting the 40 percent requirement. He noted that in 2010, another SLAMM model will be completed to determine what percentage of TSS is currently being removed and what project(s) will be the best benefit for the Village.

Trustee Volkert questioned the status of the project around the new Pick n' Save. Mr. Murphy stated that Village Administrator Hofland and Director of Planning Rambousek are working with the developer, and he has not been included in those discussions.

### **ADJOURN**

Motion by Trustee Volkert, seconded by Mr. Dietrich, to adjourn the meeting at 6:32 p.m. Approved unanimously.