

**VILLAGE OF GRAFTON**  
**BOARD OF PUBLIC WORKS MEETING MINUTES**

**OCTOBER 11, 2010**

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

Members present: Pat Murray, Richard Rieck, and Edwin Dietrich.

Members absent: Ron LaPean and Sue Meinecke.

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: Bill Hass

**HEAR PERSONS REQUESTING TO BE HEARD**

None.

**MINUTES**

Motion by Mr. Murray, seconded by Mr. Dietrich, to approve the September 20, 2010 Board of Public Works meeting minutes. Approved unanimously.

**WATER AND WASTEWATER UTILITY**

Water towers contract maintenance/funding program

Utility Director Tom Krueger updated the Board on the option of contract maintenance of the water towers. Contract maintenance would address a list of repairs and re-coating work that is needed at the water towers. Immediate work is estimated to cost between \$190,300 and \$224,500 per tower. The average cost for contract maintenance ranges from \$54,622 to \$76,768, based on a 14 year term. This is significantly higher than what the Utility has paid on an annual basis; however, contract maintenance does provide a proactive approach and provides a much higher level of asset management for the towers.

Mr. Krueger stated that in order to address the higher cost, the Utility will implement a fund where all the water tower maintenance costs by a contractor will be paid from the cell antenna lease fees. The Utility currently collects approximately \$86,000 per year from these fees with a scheduled increase of 4 percent per year.

2011 Proposed Utility Budget

Utility Director Tom Krueger highlighted the Utility budget.

Mr. Krueger explained that the format of the mission statements has been changed for the 2011 budget. The shaded areas are now fund objectives rather than benchmarks.

Mr. Krueger noted that facility improvements planned for 2011 include rehabilitation and recoating work at Water Tower #1 on North Street. Water and sewer infrastructure projects include: Falls Road water and sewer extension; Cheyenne Avenue water main loop; Glen Anna Drive water main replacement; and Second Avenue sewer relining.

The 2011 budget also includes funds for design and construction planning for a new Utility garage for equipment and vehicle storage with construction anticipated for 2012.

Trustee Rieck questioned why the Utility did not utilize the old DPW building. Mr. Krueger responded that consultants indicated that it would be necessary, and very costly, to have the building certified. He also noted that the Planning and Development Department has indicated that a metal building would not be acceptable.

#### Third Quarter Safe Drinking Water Act Compliance results

Utility Superintendent Tim Nennig highlighted the results of the 2010 Safe Drinking Water Act compliance analyses. He noted that analyte determinations were performed on the following parameters: volatile organic compounds (VOCs), total trihalomethanes (TTHMs), and haloacetic acids (HAA5s).

Mr. Nennig noted that at Well 2, 40 of the 41 analytes showed no detects, a slight detection of tetrachloroethylene was found.

In the raw water sample of Well 4, 36 of 42 VOC analytes sampled showed no detects. Detections of trichloroethylene and tetrachloroethylene were found. The treated water at Well 4 showed no detects.

Mr. Nennig stated Well 5 continues to be a problem. The raw water sample at Well 5 had an exceedance of the maximum contaminant level of trichloroethylene and dichloroethylene. It also showed a detection of tetrachloroethylene and an elevated level of carbon tetrachloride. The entry water contained a moderate level detection of trichloroethylene. Mr. Nennig stated that ultimately we would like to have no hits or detects; however, there is a 98 percent removal rate.

Mr. Nennig highlighted the analytical results of the TTHM and HAA5 stating that disinfection by-product concentrations are well below the maximum contamination levels established by the EPA.

Trustee Rieck questioned if the Utility tested more than required. Mr. Nennig responded that raw water testing at Well 4 and 5 was not required but done voluntarily.

### Utility projects update

*GIS Implementation:* The GIS mapping went public last week. This means that the public can now access Village mapping via a link on the village web site. Currently the GIS mapping is hosted by Ruekert & Mielke; however, it is anticipated that this will be done by Ozaukee County in 2012.

*Bridge Street Lift Station Replacement:* Underground work is substantially complete. Installation of a new electrical service including pad-mounted transformer is pending scheduling and installation by We Energies.

*Ultraviolet Light Disinfection Project/Study:* The study is now complete in draft form. The study recommendations will be the basis for preparation of plans and specifications and project bidding in 2011.

### Report of benchmark measurements - Utility

The benchmark report was reviewed by Board members.

Utility Superintendent Tim Nennig highlighted various benchmarks for the Utility:

*Distribution System Valves Repaired:* Utility field crews have repaired numerous mainline and hydrant valves within the Cedar Creek Road and County Highway O reconstruction projects.

*Distribution System Valves Exercised:* M.E. Simpson Company has been awarded the 2010 valve program work. A total of 560 valves will be inspected and exercised. Inspection and exercising the valves will be on a 3 or 4 year rotation basis.

*Fire Hydrants Operated/Flushed and Repaired:* Fall hydrant flushing is now complete. Over 750 hydrants were flushed and inspected by field staff. Forty-three repairs have been identified of which 26 are complete.

*AMR Meter Installs and/or Upgrades:* Field staff is exchanging the AMR meters that were installed in 2000 with updated models.

*Cross Connection Control Inspections (Residential):* Will be completed by field staff at the time of water meter testing appointments.

*Sewer Mainline Back-ups:* There has only been one sewer backup. The backup was in the downtown area near Paramount Plaza. It is believed that the cause of the backup was improperly maintained grease traps. Currently there is a dispute as to who is responsible, the current owners or the previous owners. The current owner has all the necessary equipment to maintain the traps properly. There was limited discussion of the Village completing grease trap inspection/maintenance. Currently the Village does not have such a program nor do they have the manpower. The Utility deals with individual properties as issues arise.

## **PUBLIC WORKS**

### Department of Public Works Site Change Order No. 6

Director of Public Works/Village Engineer Dave Murphy explained that Change Order 6, in the amount of \$8,129, is for items that were deemed necessary during the construction of the Municipal Services Facility.

Mr. Murphy stated that the project is coming in under budget; therefore, he will be putting together a list of items that will assist both Public Works and Parks and Recreation to function more efficiently. This will be brought before the Board for approval.

Motion by Mr. Dietrich, seconded by Mr. Murray, to recommend the Village Board approve Change Order No. 6, to Miron Construction for \$8,129. Approved unanimously.

### Cedar Creek Road Reconstruction – Change Order 1

Director of Public Works/Village Engineer Dave Murphy explained that Change Order 1, for \$1,800, is for epoxy pavement marking for the railroad crossing.

Mr. Murphy stated that after all project costs are in, he will prepare a spreadsheet showing all costs breaking them down between the Village of Grafton, the Town of Grafton, and the Town of Cedarburg, as well as sidewalk costs for Mole Creek Estates development (Lew Herro).

Mr. Murphy recognized Superintendent Helm and Village Crews for doing an outstanding job on their portion of the project.

Trustee Rieck questioned why we were painting the RR crossing with epoxy rather than our paint stripper. Mr. Helm noted that the lines done with the paint stripper need to be repainted every year as it is generally only good for one plow season; however, epoxy paint will last approximately 7 years.

Motion by Mr. Murray, seconded by Mr. Dietrich, to recommend the Village Board approve Change Order No. 1 to Payne and Dolan for \$1,800. Approved unanimously.

### Street Reconstruction (15th Ave/Ninth Ave/Power Street) – Change Order 3

Director of Public Works/Village Engineer Dave Murphy indicated that the contractor encountered some unexpected issues during this project which required additional work and subsequent change order in the amount of \$4,861.33. The main item of this change order is poor ground conditions that were encountered when relaying the sanitary sewer. The trench opened up and required additional backfill material for an additional cost of \$3,986.33.

Motion by Mr. Dietrich, seconded by Mr. Murray, to recommend the Village Board approve Change Order 3 in the amount of \$4,861.33. Approved unanimously.

### 2011 Proposed DPW Budget

Director of Public Works/Village Engineer Dave Murphy highlighted the 2011 budget.

Mr. Murphy stated that the main part of the budget is the capital projects, which are: Urbanization of Falls Road, mill and overlay of Valley Drive, Glen Anna Drive, and 17th Avenue. Valley Drive, Glen Anna Drive, and 17th Avenue will begin after July 4, so the Falls Road project will be further along. It is anticipated that Falls Road will begin in early spring. Other capital projects include: sidewalk replacement, storm water pond design, and street trees.

Mr. Murphy explained that the Equipment Fund includes replacing a 3-yard dump truck, step van, crack router, crack sealer, and confined space ventilation system. The equipment fund also includes payment 1 of 4 to the Water Utility for the mid-sized excavator.

Mr. Murphy noted that the Town of Cedarburg has agreed to fund half the cost of the crack sealer. The Town of Cedarburg will use the equipment in the fall and the Village will use the equipment in the spring. The Town of Cedarburg does not believe they will use the crack router at this time; however, if it is proven to be beneficial they may fund half the purchase price at some point in the future.

Mr. Murphy commented that no wage increases have been included in the 2011 budget.

It was noted that the developer of Blue Stem Subdivision has filed for bankruptcy. It is unknown how this will affect his costs associated with the Falls Road project.

### Major projects update

Director of Public Works/Village Engineer Dave Murphy stated almost every project is complete.

*Cedar Creek Road Reconstruction:* Mr. Murphy is calculating the project costs: manpower, purchased materials, and contracted expenses.

*Wisconsin Avenue Railroad Crossing Replacement:* Wisconsin Avenue will need to be closed for at least one week due to CN Railroad raising the tracks six inches. This work is scheduled for the end of October.

*Lime Kiln Park dam:* Mr. Murphy noted that there are 40 foot cliffs in the middle quarry of the Park; therefore, they are trying to obtain permission to fill this area with the rocks and rubble from the dam removal. This would save substantial disposal and transportation costs.

Trustee Rieck stated that, in past years, there was a water bubbler near the horseshoe pits across from Muttland Meadows. He questioned if this bubbler would ever be replaced, he has received requests from people utilizing Muttland Meadows. Superintendent of Public Works Gary Helm stated that the bubbler was removed as the water system there is in very poor condition.

Mr. Murphy noted that the fencing issue at Muttland Meadows has been resolved and now considered closed.

#### Report of benchmark measurements – Public Works

The benchmark report was reviewed by Board members.

Superintendent of Public Works Gary Helm stated that catch basin repairs are way below goal; however, many other areas are above and beyond goal. He also noted that much time was spent on Cedar Creek Road.

Currently the crew is out with the street sweeper getting what it can; next week leaf collection operations will begin.

#### **OLD BUSINESS**

Bill Hass questioned why there has not been any work on the dewatering on the Lime Kiln Dam. Director of Public Works/Village Engineer Dave Murphy explained that Ozaukee County is going to pull their excavator off of the NOAA culvert project to remove the material from the raceway the week of October 18. We will then see how this can be used to dewater the basin. A determination on the next step will occur once the basin is dewatered. There is \$133,000 remaining of the NOAA grant for construction.

Bill Hass questioned when the fish passage design will be reviewed. Mr. Murphy explained that the fish passage design will go directly to the Village Board in November.

#### **NEW BUSINESS**

Superintendent of Public Works Gary Helm requested to hold a quick Board of Public Works meeting prior to the next Village Board meeting for approval to purchase the 10-yard dump truck. Mr. Helm stated that he only received one bid for this truck. He believes this is because of special wording that was included into the specifications. He further explained that there is a unique situation where the truck needed to be specified in such a way that all employees could utilize the truck. Due to the truck companies meeting the emission requirements, larger cooling equipment is needed which causes the front end of the trucks to be wider and higher. This becomes a safety hazard as a driver cannot see over the front of the truck when plowing.

This truck replaces an existing tandem truck, which we would like to keep for snow removal and for hauling material at the Residential Yard Waste Site. The Board felt

that this item could be taken directly to the Village Board without Board of Public Works recommendation.

**ADJOURN**

Motion by Mr. Murray, seconded by Mr. Dietrich, to adjourn the meeting at 7:19 p.m. Approved unanimously.