

VILLAGE OF FONTANA ON GENEVA LAKE
WALWORTH COUNTY, WISCONSIN

Monthly Meeting of the Public Works Committee
Friday, August 19, 2016

(OFFICIAL MINUTES)

Due to the absence of Chairman Tom McGreevy, the public works committee meeting was called to order by Trustee Rick Pappas at 3:02 pm on Friday, August 19, 2016.

Members Present: Trustee Pappas, Mark Kennedy, Todd Reschke, Bruce Adreani, Russ Ceschi, Trustee Stan Livingston

Member Absent: Trustee McGreevy

Also Present: David Arnott, Dennis Barr, Rick Bartelt, Jim Hoover, Dwight Jenkins, Dennis Martin, Brett McCollum, Dave Rex, Terry Tavera, (several Tarrant Drive property owners listed in the agenda item below)

Visitors Heard

None

General Business

Approval of Minutes for Meeting Held July 22, 2016

Kennedy/Adreani 2nd made a MOTION to approve the minutes for the meeting held July 22, 2016, and the MOTION carried without negative vote.

DPW Garage Gas Pumps Upgrade Options

DPW Manager Brett McCollum stated that he asked the village mechanic, Jim Hoover, to attend the meeting to present an updated proposal to upgrade the gas pumps and install card readers on the two fuel tanks at the village garage. Hoover stated that since the last monthly meeting he obtained a proposal from Northwest Petroleum Service, Inc. for the purchase of a new transfer pump, dispensing equipment, new tank mounted pumps and a card reader system for \$10,891. The proposal calls for attaching the new pumps, dispensing equipment and card readers to the existing above ground fuel storage tanks. There will also be some electrical connection work required that is not included in the Northwest proposal. Hoover stated that the Village also received a \$31,447 proposal from Walt's Petroleum Service, Inc., West Allis; and at the last monthly meeting, McCollum presented a proposal submitted by Frawley Oil Company, Inc., Whitewater, to purchase and install upgraded fueling equipment and a management card system for \$26,447, with an additional \$5,000 for the electrical connection work. Hoover stated that there is a diesel pump and a regular gasoline pump that services the DPW, Utility Dept., Fire and Rescue Dept., and Police Dept. vehicles. Hoover stated that the current pumps are not up to code, and there are problems with some of the old equipment. There are also ongoing concerns with the current pump meters and the manual-entry accounting system. The new equipment will have digital card readers for the employees to "swipe" before fueling their vehicles. The system could be setup so that each vehicle has a card, or for each employee to have a card, or a combination. The proposals considered by the committee include

terms for financing the equipment by paying extra for the gasoline purchase rate; however, following discussion the committee members reached a consensus that the equipment should be purchased without the financing option, and if the funds are not available in the 2016 budget, the proposal should be included in the 2017 budget. Martin stated that since the purchase will be split between the four Village departments, there likely are funds available for the immediate purchase of the equipment.

Kennedy/Trustee Livingston 2nd made a MOTION to recommend Village Board approval of the proposal to purchase new fuel pumps, dispensing equipment and a card reader system from Northwest Petroleum Service, Inc., Wausau, for an amount to exceed \$12,000, and if approved to purchase the equipment outright with funds available in the 2016 budgets, or to defer the purchase until 2017 if the funds are not available. The MOTION carried without negative vote.

Mohr Road Lift Station and Road Reconstruction Update

Martin stated that the Village Board approved the low bid submitted by Odling Construction, final planning meetings with staff and the property owners have been held in recent weeks, and only the cost-sharing agreement still needs to be finalized by the village attorney and executed. The utility burial projects have been completed and some of the new Mohr Road Lift Station equipment has arrived and is ready to be installed. The road reconstruction and storm water infiltration sewer installation project is scheduled to commence in September and will include some culvert work by South Lakeshore Drive to address some storm water runoff concerns in the Club Unique subdivision. It also includes upgrading and replacing the Mohr Road Lift Station pumps, generator and equipment building; creating three off-street parking stalls adjacent to the lift station building; and extending the park path that leads to the Geneva Lake shorepath further up Mohr Road to the new parking stalls.

Water Main Problem Areas

Village Utility Dept. Supervisor Dennis Barr stated that as well as the projects presented earlier this summer in a potential infrastructure project list compiled by the Village engineering firm, the recently completed Brookwood Water Tower, Abbey Springs water main and Indian Hills Road tie-in projects have revealed the need to tie the exiting water main into the main on Pottawatomie Drive, off Juneau Drive where it cuts across Waubun Drive at Berwyn Drive. Barr stated that when the County Highway B tie-in project is also completed, if the water main is tied in at Pottawatomie Drive, it will completely loop the Village's entire water system to enable service from the Brookwood tower or from the Duck Pond standpipe. Barr stated that the old feeder line that currently services the Pottawatomie and Juneau Drive areas has a stretch where there are three repair clamps in a row that are holding the old water main together. Barr stated that the feeder line stretch needs to be replaced before there is another water main break. Village engineer Terry Tavera stated that the stretch would be about 475-feet-long and cost approximately \$160,000 for the project. The committee directed staff to move the County Highway B and Pottawatomie Drive water main projects to the top of the potential infrastructure project list for completion in 2017 if the funding is available or added to the proposed 2017 bond series. Barr stated he also wanted to mention a potential problem at the Abbey Harbor where a breezeway from one building to another was constructed over a water

main line. Barr stated that the water main line ran out under the old swamp land before the Abbey Resort and Abbey Harbor were developed, and it may have to be rerouted in the future if it needs to be repaired or replaced.

Sanitary Sewer Repair Invoice for 489 Waubun Drive Construction

Martin stated that local contractor Rick Lynam requested that the Village reconsider a \$2,781 invoice that was issued by the Village Utility Dept. for repair expenses for a sewer main break at a residential construction site at 489 Waubun Drive. Martin stated that Lynam is constructing a new residence for property owners Ray and Rita Martinez, and Lynam stated that the sewer lines are located so close to the road surface in that area that the stretch in front of 489 Waubun Drive was crushed by trucks when razing the old residence. Martin stated that it is Lynam's contention that the sewer main is located so close to the surface in that area that the trucks crushing the main at the construction site is not his responsibility. Barr stated that Lynam is a local contractor and he did not ask the Utility Dept. for any assistance or ask any question prior to the main break, he did not call in a required Digger's Hotline locate, and the weight of the trucks caused the sewer main to crush, not the depth of the pipes. Barr stated that D&K Services already repaired the damage for a cheap rate, and the invoice would have been much more than \$2,781 if the contractor would have had to fix the damage.

Kennedy/Reschke 2nd made a MOTION to recommend Village Board denial of the request to reconsider the \$2,781 invoice issued to Ray and Rita Martinez for sewer main repair expenses at 489 Waubun Drive, and the MOTION carried without negative vote.

Tarrant Drive Lift Station Update

Barr stated that the current wet well for the Tarrant Drive Lift Station is not big enough for the pumps and the wooden equipment building that was constructed by village staff on the side of the hill is rotting due to surface drainage. The lift station wet well, piping, valves, and pump control panel are all located in the building. Access to the building is from the street by a metal stairway built into the side of the hill. Getting equipment in and out of the building is very challenging because of the limited space between the retaining wall and the door on the north side of the building. There are also state code issues with the current lift station that will have to be addressed and the pump controls also will have to be upgraded if the station is reconstructed or rehabilitated. The Village contracted with Ruckert-Mielke to complete a study and develop recommendations to repair or replace the lift station that serves about 20 homes on Tarrant Drive between Tarrant Court and Mayflower Lane. At last month's meeting, the committee members directed staff to mail notices to the home owners to invite them to the next meeting where information was scheduled to be presented on one of the five alternatives presented in the village engineering firm's study: the abandonment of the current lift station and installation of a low pressure sewerage system that would require the individual homes to have grinder pumps. Martin stated that the study was completed in April 2014 and the committee has been considering the five alternatives outlined in the final report. The committee also had staff look into a proposal to have a new sewer line installed down the hill and under Big Foot Country Club woodlands that would have allowed for a gravity-fed system and the abandonment of the current lift station; however, cost and feasibility concerns ruled that option out. Home owners who were in attendance for the grinder pump demonstration

included Adam Shade, Ed Hayes, Gary Perschke, Ken Oliak, Henry Kooistra, Charlene M. Denoon, Drew Gilchrist, Phil Joyce, Dick Patchin, Joanne Patchin, Peter Hannon, Diane Palma, Chuck Palma, Lawrence Smith, Tim Labrecque and Terry Bartowitz. Martin stated that the Village also received letters from Tarrant Drive property owners Chuck Palma, Al Kaminski, and Steve and Larissa Lyon, who all objected to the study's alternative to abandon the current lift station and install a low pressure sewerage system that would require individual grinder pumps. Kaminski states in his emailed letter to the committee and Village Board members, "I appreciate your prompt response. The attached study is an appropriate informational precursor for affected residents to actively participate in on-going research and review of all potentially viable solutions to this issue. I will promulgate this study to as many affected residents as I can however. I would demand of our Village Trustees, that all affected residents be given sufficient notice of and allowed to participate in, all relevant discussions on this topic moving forward."

Grinder Pumps Demo – Ruckert-Mielke

Tavera and David Arnott from the village engineering firm Ruckert-Mielke presented preliminary information on the low pressure sewerage system alternative. Grinder pumps in individual fiberglass lift stations would be installed in each home, and the sewage would be pumped from each house with the automatic controls through a 1.5-inch diameter pressure lateral to a shared 2-inch diameter force main in Tarrant Drive. The pumps at each residence would be the semi-positive displacement type that pump at the same rate of about 15-gallons-per-minute, regardless of the pressure of the shared force main. Other ancillary components of the LPS system would include an air release valve and flushing assemblies. LPS systems have been used extensively in lake communities where a conventional gravity sewer system in conjunction with a central lift station is not practical. Dwight Jenkins of Ferguson Waterworks, Madison, then demonstrated how the grinder pumps are installed in the individual lift stations, and answered many questions with regard to the Ruckert-Mielke study. Concerns and issues brought up during the demonstration included what would be the effect on the grinder pumps during a power-loss incident; what is the legal ability of the village to force this upon homeowners; what is the legal responsibility of the village to provide sewer service; what happens if no one uses the house/grinder pumps for months; who is responsible for initial cost, maintenance cost, and installation restoration costs; what are the issues with freezing; what is the ability of the village to be notified with a failure or alarm being set off; who does the repairs when necessary; what is the timetable for the project; if the grinder pump has to be located in a basement, how does the village or repairman access the house; after a failure, what is the capacity before damage or backup; what are the additional power costs; will there be a sewer charge adjustment for homes occurring additional costs; and what is the potential for inappropriate material flushed for causing damage or failure. Some of the questions were answered at the meeting, and some were not as further research is still required, and Martin pointed out that the agenda item was simply to provide a demonstration on the grinder pumps. The other alternatives will be considered by the committee at future meetings, before a recommendation is forwarded to the Village Board. One of the property owners asked prior to the end of the demonstration if a poll could be taken of the owners in attendance to determine if they favored the alternative to abandon the current lift station and install a low pressure sewerage system that would

require the individual homes to have grinder pumps, and none of them were in favor of the grinder pumps. The property owners in attendance then took a poll on alternative No. 4 in the study, which would be to reconstruct the current lift station in place with a new building with a different configuration, and they all favored option 4. Martin stated that the property owners can keep up to date by checking the committee minutes which are posted on the Village website, and that staff also will contact them when the other alternatives in the study are presented for review. Martin stated that past meeting minutes and all the information presented at the meeting is also available upon request at the Village Hall.

Set Next Meeting Date

The next meeting will be scheduled after consulting with Chairman McGreevy.

Adjournment

Trustee Pappas/Ceschi 2nd made a MOTION to adjourn the meeting at 4:24 pm, and the MOTION carried without negative vote.

Minutes prepared by Village Administrator Dennis Martin
Approved: 10/07/2016