

VILLAGE OF FONTANA ON GENEVA LAKE
WALWORTH COUNTY, WISCONSIN

Monthly Meeting of the Public Works Committee
Friday, July 22, 2016

(OFFICIAL MINUTES)

The public works committee meeting was called to order by Chairman Tom McGreevy at 3:03 pm on Friday, July 22, 2016.

Members Present: Trustee McGreevy, Mark Kennedy, Todd Reschke, Trustee Rick Pappas, Bruce Adreani, Russ Ceschi

Member Absent: Trustee Stan Livingston

Also Present: David Arnott, Dennis Barr, Joe Eberle, Dennis Martin, Brett McCollum, Dave Rex, Trustee Tom Howell

Visitors Heard

None

General Business

Approval of Minutes for Meeting Held June 17, 2016

Trustee Pappas/Adreani 2nd made a MOTION to approve the minutes for the meeting held June 17, 2016, and the MOTION carried without negative vote.

Sanitary Sewer Facilities Management Plan – Ruckert-Mielke Engineer Joe Eberle
Village Engineer Joe Eberle and Senior Project Manager David Arnott of Ruckert-Mielke presented a proposed comprehensive Sanitary Sewerage System Facilities Plan for the sanitary sewer line on the lake side of North and South Lakeshore Drives, where most of the current vitrified clay pipe sewer line was installed in the 1940s. Some stretches of the clay pipe is in poor condition according to the limited televising and repair projects completed by the Utility Dept. in recent years, and because it is very brittle it is susceptible to further cracking. Utilities Supervisor Dennis Barr stated that cracks in the sewer line have been the source of costly groundwater infiltration for decades, and roots also grow through the cracks which causes blockage, and breaks and reduces capacity. Eberle stated that the proposed plan is the first step in planning for repairing or replacing the sanitary sewer line which is only three-feet-deep in some lakefront areas, and it will qualify the Village for low interest loans from the DNR Clean Water Fund Program. Arnott stated that the main tasks of the \$98,500 proposal would be completing a thorough condition assessment of the existing system, forecasting future design flows, outlining design criteria, identifying and analyzing two alternatives, and determining a recommended plan. The plan would focus on the alternatives to rehabilitate the existing sanitary system, or to replace the existing system with a low pressure sewer (LPS) system. The rehabilitation option would include lining the sewers, repairing manholes, possibly relaying sewers in select areas, and repairing and updating the four Village lift stations that are part of the collection system in the project area. The intent for the repair projects would be to provide the Village with a 50-year service life of the rehabilitated system. An LPS system would involve the installation of individual grinder pumps in the

yards of each residential property in the project area. A lengthy discussion ensued on the purchase, installation, maintenance and replacement of grinder pumps. In response to some of the questions, Eberle stated that he has been the engineer for dozens of successful sanitary sewer system installation and rehabilitation LPS projects in lake municipalities throughout the state; the cost to purchase the grinder pumps and have them initially installed can be paid for by the Village or by the individual home owners, or a combination; the grinder pumps feature some minor maintenance and need to be replaced every 20 years or so; and when maintenance and replacement projects are necessary, they are not difficult or costly. The proposal includes contracting with Visu-Sewer to perform light cleaning and televised inspections of approximately 23,100 linear feet of sanitary sewer lines at a rate of \$2.90 per foot, which totals \$66,990. Any jetting required beyond two passes to cut roots or deposits, remove obstructions, or reverse setups would be charged on a time and materials basis at a rate of \$345 per hour; and any required heavy cleaning with a Vactor would be quoted separately. Eberle stated that if approved, the Visu-Sewer work would commence as soon as possible after Labor Day, and lakefront property owners would be notified of the project and of the Visu-Sewer work crews, as well as Ruekert-Mielke employees who will commence with manhole inspection and survey services. The estimated cost for Ruekert-Mielke will be reduced if the Village Utility crew members assist with the inspections. Eberle stated that the third contractor proposed for the Sanitary Sewerage System Facilities Plan would be the village financial advisor, Ehlers, Inc., to assist in analyzing the financial ramifications of the recommended improvements for a total fee not to exceed \$5,000. Following discussion, the committee members reached the consensus that the proposed Sanitary Sewerage System Facilities Plan is an important project that should be pursued and approved by the Village Board; however, the necessary funding should be reviewed by the Finance Committee. Staff was also directed to plan the proposed public information notices to be mailed to the lakefront property owners and to schedule the information meeting(s). Martin stated that the necessary funding could be budgeted for in 2017, or could be added to the proposed 2017 bonding, Some funding for the work to be completed yet this year could be allocated from the Utility Budget.

Kennedy/Adreani 2nd made a MOTION to recommend approval of the proposed Sanitary Sewerage System Facilities Plan and to refer the proposal to the Finance Committee to review the funding method. The MOTION carried without negative vote.

Tarrant Drive Lift Station Planning – Review Options

Martin stated that copies of the April 2014 Tarrant Drive Lift Station Study completed by Ruekert-Mielke were distributed to provide the information requested at the last monthly meeting since the financial figures are still timely, and all the information requested is outlined in the report. When discussing at last month's meeting the staff recommendation to pursue a LPS system (the installation of individual grinder pumps for the approximate 20 homes currently serviced by the Tarrant Drive Lift Station), there were concerns stated by the committee members that the owners would be required to own and maintain the grinder pumps after installation. Pappas stated that there also is the difficult situation where if the Village funds the purchase and installation of grinder pumps for the Tarrant Drive property owners, will the Village also have to fund the initial purchase and installation of grinder pumps for the lakefront parcels discussed in the previous agenda

item. Eberle stated that if the LPS option is pursued, the individual grinder pumps may not be needed at the residences located at the top of the hill, and financing options include having the Village purchase the initial pumps and the owners paying to have them installed and maintained and replaced when necessary; having the Village fund the purchase and installation expenses, with the owners paying to have them maintained and replaced when necessary; or having the Village fund the purchase and all the installation and maintenance expenses. The estimated \$458,865 cost of purchasing and installing the grinder pumps would be at least 12 percent lower than constructing a new lift station in Tarrant Drive, which is the other option to replace the current lift station. As well as the construction cost, there also are many undesirable aspects to constructing a new lift station in Tarrant Drive, according to the study. Eberle also provided more information on the grinder pumps and stated that most of the concerns can be alleviated with educational mailings and meetings. Adreani stated that after hearing the information presented by Eberle that the committee should reconsider the LPS system and the grinder pumps. The committee directed staff to schedule with Ruckert-Mielke informational meetings for the committee and Village officials, and for the property owners in the two project areas on North Lakeshore Drive, South Lakeshore Drive and Tarrant Drive, so a model of the grinder pumps can be displayed and demonstrated and other detailed information distributed.

Abbey Harbor Association Driveway/South Lakeshore Drive Fence Proposal

Following last month's indication that the committee is not interested in splitting the cost for installing a new fence along the Abbey Harbor property, the association is planning to replace the facing along the west side of South Lakeshore Drive about two feet out from the current fence. The new black fence will be 4-feet-tall and match the fence installed by the Country Club Estates Association parking lot. The association is requesting that the Village authorize the use of some of its right-of-way grass shoulder north of the existing gate to South Lakeshore Drive to move the fence out by two feet, and to widen the driveway by three feet at a "pinch point" between slips 538 and 542, to allow for easier emergency vehicle access for Fire and Rescue Dept. members to get to the Rescue Boat that is moored in the Abbey Harbor. A wider driveway at that point also will allow better access for service vehicles and pier slip owners. Following discussion the committee members did not have any concerns with the proposal, and Pappas suggested that a licensing agreement be drafted and presented to the Village Board to authorize the proposal.

Adreani/Trustee Pappas 2nd made a MOTION to recommend Village Board approval of the Abbey Harbor Association's request for authorization to install its new fence two feet onto the Village right-of-way grass shoulder area located north of the existing gate on South Lakeshore Drive, and to widen the access driveway by up to 3-feet at the "pinch-point" between slips 538 and 542, as presented, and the MOTION carried without negative vote.

Village Gas Pumps Upgrade Proposal

McCullum presented a proposal submitted by the Village gas supplier, Frawley Oil Company, Inc., Whitewater, to purchase and install upgraded fueling equipment and a management card system for a total of \$26,447.91 and an additional \$5,000 for the

electrical connection work. The Frawley proposal has the option for the Village to pay for the project by increasing the cost of the gas by .20 cents per gallon until the debt has been recovered; however, Martin stated that if approved, the Village could probably budget for the proposal in 2017 and pay off the project expenses without having to pay .20 cents more per gallon of gas purchased by Frawley. Following discussion on the need for entirely new gas tanks and pumps, and the management card system, the committee directed McCollum to obtain other options for just installing new electronic heads on the existing pumps.

Adreani/Trustee Pappas 2nd made a MOTION to table the item, and the MOTION carried without negative vote.

Heavy Truck Route Ordinance Draft – Update

Martin stated that Police Chief Steve Olson informed him that posting a weight limit on the new bridge has worked to stop truck drivers from cutting through the Village on South Lakeshore Drive, and the local firms are abiding by the restriction. Olson suggested that a heavy truck route may not need to be established by the Village as proposed a few months ago. The committee members agreed with Olson and decided to not pursue the establishment of a heavy truck route at this time, and to continue to monitor the situation.

Mohr Road Lift Station and Road Reconstruction Update

Martin stated that the Mohr Lift Station improvement project and associated utility line burial projects are underway, and the Mohr Road reconstruction contract is out for bids, with the bid opening scheduled for July 28, 2016 at 11:00 am. The financial cost sharing agreement with the Adreani and O'Halleran families has not yet been completely drafted or signed, and Martin stated that the final project costs have to be recalculated with additional items added to the lift station project and with increases in the initially estimated utility burial expenses. Bruce Adreani asked if the Village would consider adding the replacement of a rusted out storm water culvert under the driveway to his property at this time when the road will be under construction. Martin stated that the proposal was forwarded to the village engineer for review and a recommendation.

Brookwood Water Tower Fencing Update

Martin stated that confusion if the Brookwood water tower site fence would be reinstalled by the contractor or if the item was not included in the painting and rehabilitation project contract has been resolved. The water tower project contract only calls for Maxcor, Inc., to reinstall the old fence, and the Village staff has been working with the neighbors on changing two sides of the fence to wood. The other two sides would remain chain-link fencing, and the barbed wiring on the old fence does not have to be reinstalled. Martin stated that the old chain-link cyclone fencing is in poor condition, especially the two sections that were taken down for the project, and many of those fence poles were bent and left unusable when the DPW crew took down two sides of the fence prior to the painting and rehab project. Martin stated that the Village engineer is obtaining a credit amount from Maxcor for taking the item out of the contract and staff is obtaining an estimate from B&M Fence Company, Inc., to purchase and install new fencing.

Sewer Cleaning Reimbursement Requests

Barr stated that sewer line blockages at two residences on Waubun Drive were repaired by plumbers prior to the home owners contacting the Utility Dept. The repairs were not to the privately owned laterals, but to the main line; however, the Utility Dept. was not contacted for the blockage incidents to be reviewed by staff prior to the repair work being completed. Barr stated that the home owners are requesting reimbursement of the repair expenses, and he requested that the committee authorize him to work with Martin to determine appropriate reimbursements. .

Adreani/Kennedy 2nd made a MOTION to direct staff to determine appropriate reimbursement credits to the two home owners for the sewer main cleaning expenses, and the MOTION carried without negative vote.

Set Next Meeting Date

The next meeting was scheduled for Friday, August 19, 2016 at 3:00 pm.

Adjournment

Adreani/Kennedy 2nd made a MOTION to adjourn the meeting at 4:18 pm, and the MOTION carried without negative vote.

Minutes prepared by Village Administrator Dennis Martin
Approved: 8/19/2016