

Infrastructure Commission Meeting

Tuesday, February 23, 2016

Call to Order: 6:00 PM

Commission Members Present:

Dave Clemen- Chair
Tom Kelleher- Member
John Devona- Member
Larry Wilson- Member
Scott Lewis- Member

Ron Christens- Member

Others:

Barry Allen- Trustee

Mark Latner- Engineer KPlus Engineering

Village Staff Present:

Matthew Supert- Staff
Eric Devitt-Staff
Casey Biernacki-Staff
Grace Turi- Staff

1. Public Comments

Chair Clemen brought up the subject of water samples. He noted that the Timber Trails subdivision, which has lake water, had harder water than most of the Village and is fairly similar in all other aspects. Director Supert stated that staff plans to continue taking water samples for the next couple of months.

2. Approval of Minutes

Chair Clemen made a motion to approve the meeting minutes as amended from January 20th, 2016 the motion was seconded by John Devona.

3. Water Systems Status Update

A. Well #3 Motor Report

Director Supert informed the commission that Village staff has received a report from Bryon- Jackson for the motor that was pulled from well #3. Bryon-Jackson has recommended that the Village recondition the motor or purchase a new type M motor. The Village Board reviewed this proposal in February and are interested in the purchasing of a new type M motor at the cost of \$143,266. The Infrastructure Commission discussed this item and voted unanimously to purchase the new motor.

B. Well #1 Treatment Options

Director Supert informed the commission that staff has been exploring opinions for the treatment of water from well #1. Staff had a discussion with CDM Smith where it was determined that the water from well #1 cannot go through the RO plant. Village staff discussed mobile treatment opinions with a firm called Water Surplus out of Loves Park, IL. The result from this discussion was a mobile R.O treatment process, which totaled \$239,900.

C. Well #5

Director Supert informed the commission that Village staff is seeking an IEPA low interest loan for \$3 million. This loan will be for the projects of painting the standpipe and elevated tank, and perhaps the construction of well #5. The application process takes about a year and the Village has received a proposal from Baxter & Woodman for services to complete the loan application process. Village staff and members of the Infrastructure Commission discussed a number of items pertaining the building of well #5 including its cost, priority, and importance to the Village's long term goals. The idea of building a new water storage facility was also discussed by the commission. The Village Board is interested in a recommendation from the Infrastructure Commission on the subject of the building of well #5. Members of the commission and Village staff is examine the typical water use for a household in a 24 hour period as a reference point.

D. Leak Detection

Director Supert informed the Commission that staff has complete the LMO-2 form which indicates that about 40% of the Village's water is unaccounted for. The information will be made available on the Village's website in the 2015 Water Infrastructure Report over the next month. Director Supert stated that estimates were made on the report for several water loss categories, including the volume lost from water main breaks. Director Supert stated that the Village is currently conducting an acoustic a leak detection program. The firm M.E Simpson is conducting a village wide leak detection survey, this survey began on February 8th.

4. Ridgewood Infrastructure

Members of the Infrastructure Commission asked about future infrastructure improvements in the Ridgewood subdivision. Commissioner Devona inquired about the use of a special assessment. Director Supert informed the commission that subdivision special assessment is one tool that could be used to fund capital infrastructure improvements in the subdivision since the improvements would benefit the residents in the project area. Trustee Allen asked the point if it would be considered fair if only the residents of Ridgewood should be charged for the public improvements or if the entire community should bear the cost of the improvements. Director Supert went on to say that a special assessment or a special service area may be an option that the Village Board could explore due to the large amount of improvements needed in the Ridgewood subdivision.

5. 2015 Water Infrastructure Report

Director Supert informed members of the commission that a draft of the 2015 water infrastructure report has been completed as was available for review in a linked provided

in their packet. When the final report is finished, it will be available for residents to view on the Village's website.

6. Meter Pilot Testing Status Update

Director Supert informed the commission that 40 water meters will be installed in residences around the Village. Results will be taken from these old 40 meters and bench tested to determine their accuracy. When results are available from the 40 meters that are part of the pilot program Village staff will provide the commission information for discussion to determine whether a full scale water meter replacement program is needed.

7. Other

A. Roadway Referendum

Trustee Allen brought up the subject for the roadway referendum. Director Supert informed the commission that staff is currently reviewing documents from the last roadway referendum. He also informed the commission as to the process of a referendum where it would have to be reviewed by the Infrastructure Commission, passed by the Public Works and Water committee, then the Village Board in order to go to voters on the ballot. Director Supert then stated that the referendum may be around \$10 million or possibly more, which will cover a ten-year period. Members of the Infrastructure Commission and Village staff also discussed what the public would think about a referendum and how to best present it to the public

B. Hydrant Flushing

Director Supert informed the commission that hydrant flushing will take place shortly after Easter and residents will be notified via a postcard in the mail.

Adjournment

A motion was made by Chair Clemen and seconded by Mr. Devona to adjourn the Commission meeting.

The meeting adjourned at 7:41 PM

Respectfully Submitted: Eric Devitt