

Infrastructure Commission Meeting

Thursday, March 28, 2019

Call to Order 6:00 PM

Commission Members Present

Tom Kelleher-Chair

Scott Lewis-Member

John Devona-Member

Dan Ciecko Member

Dan Ruzic -Member

Larry Wilson-Member

Shawn Murphy-Member

Tom Mitoraj-Member

Village Staff Present

Matt Supert-Staff

Casey Biernacki-Staff

Jenny Pesek-Staff

Committee Members Present

Berry Allen-Trustee

1. **Public Comment**

Director Supert indicated forms were attached to the back of packet that did not refer to this meeting and advised the Committee to disregard.

2. **Approval of Minutes**

The meeting minutes from the 2/28/2019 were approved by Mr. Lewis and seconded by Chair Kelleher.

Comments/Questions: John Devona-Member mentioned at the last meeting to do a street assessment to roads not owned by the Village. He feels the Village should give more attention to the most heavily traveled roads in the community. In doing the street assessment he stated the following roads need assessment & review these roads in particular-Ogden Avenue, 55th Street, Gilbert, 47th, & Wolf.

Director Supert advised we do assess Gilbert Road. The Village does not assess Ogden, 55th Street, 47th Street, and Wolf Road, since they are not the Village roads. Director Supert

advised we could start to give them a rating. John Devona reported we should at least assess these roads, so we have a way to gauge the need for improvement.

Director Supert reported the following roads Ogden, 55th, 47th are under IDOT jurisdiction. Wolf & Plainfield are under Cook County jurisdiction. Gilbert Rd is shared by LaGrange and Western Springs. Director Supert reported the Staff does attend County and IDOT meetings.

Larry Wilson asked about the roadway impact fee for private development and indicated they will follow up with other nearby Villages as mentioned in the previous meeting.

3. **2016 Roadway Referendum Review** Assistant Director Biernacki presented the 2016 roadway referendum review to the infrastructure Committee. The committee requested a review of the average modified pavement condition index (MPCI) ratings for data.

Assistant Director Biernacki reported to the Committee the important milestones to be considered when reviewing the entire roadway system.

2008-2014: The Village obtained a roadway referendum for \$6.5 million.

2014- 2017: Funds in the roadway referendum were depleted. The Village was bonded out at the time which would not allow a new referendum to be implemented until 2016. The Village obtained a general obligations bond for \$3 million to fund roadway projects for this period.

2018-Present: In 2016 roadway referendum for \$12 million was passed. The first series of the bond for \$4.5 million was made available for use at the end of 2017.

Assistant Director Biernacki reported to the Committee the group rating as follows:

0-8 Good-Moderate

9-15 Fair

16+ Poor

Trustee Allen asked where do the complaints start. Director Supert explained it is typically around a 12+ rating with Field Park, 39th& 40th, Clausen is currently rated a 14-15.

4. **5-Year Capital Outlook Report**

Director Supert reported to the Committee the Capital Outlook Report which is a long-range planning document to summarize the Village's anticipated capital needs and infrastructure improvements during the document's plan period. This report's goal is to ensure that Village's infrastructure meets both the service demands of the public and operation needs of the organization.

The fiscal year 2019/2024 Capital Outlook Report includes projects and cost projections for the period from January 1, 2019 through December 2023. This allows the Village to identify long-term project needs, while having the flexibility to make any changes as new needs arise.

Director Supert reported on the Capital Improvement Fund Prioritization and Evaluation. Director Supert reported that projects are prioritized based on availability funding, including grant funds if available.

2019 Capital Improvement Fund Projects Summary

Flooring

The Village has budgeted \$15,000 for the repair of various locations of floor and tile at various Village facilities that are damaged due to routine use and wear.

Community Development Carpet

The Village has budgeted \$8,000 for replacing the carpet in the Community Development offices.

Administration Carpet

The Village has budgeted \$12,000 for the replacement of carpet in the Administrative offices and adjoining hallways.

Village Facilities-Miscellaneous Painting

The Village annually budgets \$6,500 for miscellaneous painting at Village facilities due to routine use and wear.

Village Facilities-Man Doors

The Village has budgeted \$6,500 for the replacement of approximately two-man doors on an annual basis at various village facilities. Door frames and jams to the exterior of the buildings routinely damaged due to use, salt corrosion and other weather impacts.

Historic Tower-Paint Soffits

The Village has budgeted \$65,000 for the repainting and repair of the soffits at the historic tower.

Historic Tower

The Village has budgeted \$5,000 for the inspection and spot repair of the historic tower roof.

Roadway Capital Improvement Prioritization and Evaluation

The roadway maintenance and database were created in 2008 to promote long-term planning for roadway construction. The database uses calculations that focus on the life of a

roadway of any pavement type and projects for future maintenance for each street by using the **Modified Pavement Condition Index (MPCI)** ratings.

Annual MPCI ratings for each roadway segment are determined independently from year to year utilizing 13 measurement criteria. Previous ratings are not used to determine the current year's rating.

2019 Roadway and MFT funds Projects Summary

Clausen Avenue Reconstruction Phase 1

Assistant Director Biernacki presented the 2019 Projects Summary to the Committee. The Village will begin Phase 1 of the reconstruction of Clausen Avenue from Ogden Avenue to Hillgrove Avenue. Clausen Avenue currently has a MPCI rating exceeding 16 in the Village's road inventory and been for several years making it one of the highest rated streets in the community. Road reconstruction will be funded from the Village's 2016 Road Referendum funds. The watermain will be upgraded to an eight-inch main. The water main improvement will be funded from the IEPA PWSLP loan.

Motor fuel Tax Resurfacing

The Village receives \$350,000 each year in Motor Fuel Tax (MFT) funds. Staff has reviewed MPCI ratings, underground infrastructure and existing drainage to select the following streets for resurfacing in 2019.

39th Street (Johnson to Franklin)

Maple Street (Hampton to Forest)

Grand Avenue (Maple to Chestnut)

Johnson Avenue (48th to Cul-de-sac)

Howard Avenue (Caroline to 52nd)

Dierks Drive (Harvey to Ellington)

Water Distribution Capital Improvement Prioritization and Evaluation

Water distribution capital projects were identified using water main break data and correlating that data with the Village's annual roadway review program. Four- inch water main is identified as one category for the higher priority replacement due to the lower volume these mains can provide for fire protection.

IEPA Loan-Water System Improvements Project Plan

Director Supert reported to the Committee the Water System Improvements Project Plan. The Water System Improvement Project Plan summarizes the results of an investigation of the water supply, storage, distribution, and treatment needs for the Village.

Director Supert advised the Committee these projects are identified as priority projects in the Village's five-year water infrastructure improvement plan.

2019-2023 Water Fund (Distribution)

Standpipe Maintenance and Repainting

Water Supply Well No.5 Drilling

Well No. 5 Transmission Main

Well No. 5 Pumping Equipment

Elevated Tank Maintenance and Repainting

Clausen Ave North Watermain Replacement

Rose & Grove Watermain Replacement

Vehicle Purchases (33%)

Meter Replacement

2019 Water Fund Projects Summary

Director Supert reported to the Committee the Standpipe Maintenance and Repainting Project:

Project Summary:

IEPA Loan (L175496) This loan is to repaint the interior and exterior of the standpipe located near Lyons Township Highschool and the Garden Market. Work is anticipated to take approximately hundred days. Director Supert reported during this period the tower will be out of service while it is sandblasted, primed and painted. This project includes Phase II engineering.

Well #5 Drilling

Director Supert reported to the Committee Well No.5 Drilling. The new well will increase the firm well capacity from 1,950 gpm to 2300 gpm. The proposed site is directly east of the Water Treatment along Hillgrove Avenue in Field Park. Drilling is anticipated to take approximately four months.

Well No. 5 Transmission Main

Director Supert reported to the Committee a new installation of a new transmission main for Well No.5 to the Village's Water Treatment Plant. The project location is Hillgrove Avenue from Field Park to Johnson Avenue.

This project includes three separate construction phases and will extend throughout 2019.

Well No. 5 Pumping Equipment

Director Supert reported to the Committee this Project is the installation of pumping equipment for Well No. 5 and final piping work at the Village's Water Treatment Plant.

The project includes three separate construction phases and will extend throughout 2019.

Clausen Avenue Phase I-Watermain Replacement

Director Supert reported to the Committee this project is the replacement of a 4" main and upgrade to an 8" main on Clausen Avenue to increase system pressure, fire protection and overall system performance in the road construction project area.

5-Year Water & Sewer Capital Outlook

2019-2023 Sewer Fund	<u>2019</u>
Ridgewood Oaks P2-Detention Basin	\$395,600
Road Program Sewer Lining/Repair	\$145,000
MWRD I&I Televising Repairs	\$10,000
Sewer Outfall Ridgewood Drive	\$50,000
Miscellaneous Sewer Repairs	\$20,000
Sewer Separation Central Ave to Flagg Creek	\$350,000
Ridgewood Oaks P1 Upsize collection	
Vehicle Purchases	
Interservice Charges	\$25,000
Annual Total	\$995,600

MWRD I&I Televising Repairs

Spot repairs to the Village's sewer system as identified from our annual Sewer Televising Program.

Sewer Outfall Ridgewood Drive

Funds budgeted for a potential storm sewer outfall on Ridgewood Drive. Project location has not been identified and inspections will occur in 2019.

Miscellaneous-Sewer Repairs

Funds set aside for various spot repairs to the Village's sewer system throughout the year.

2019 Sewer Fund Projects Summary

Ridgewood Oaks Detention Basin

Project Summary:

The Village is assisting the Ridgewood Oaks Home Owners Association (HOA) with the rehabilitation of the detention basin located on the southwest portion of the property. The project was identified throughout the stormwater studies in the Ridgewood area. The detention basin is owned and maintained by the HOA. The village will coordinate the improvement and establish a special Service (SSA) for residents of the HOA to pay back the Village.

Road Program Sewer Lining/Repair

Project Summary:

The Village budgets funds annually for the repair and lining of sewer systems located within the Village's road construction project areas. Prior to the commencement of construction, the sewer system is televised and inspected. Deficiencies are identified for repair.

Sewer Separation: Central Avenue to Flagg Creek

Project Summary:

The Village is scheduled for reconstruction to Central Avenue from Burlington Avenue to 47th Street in 2020 utilizing federal funds. The Village has received a grant from the MWRD for separation of the combined sewer on Central Avenue and to establish a new storm sewer and outfall to Flagg Creek.

The sewer separation is identified in the Village's Long-Term Control Plan as part of its NPDES project. The separation of the combined sewer system should provide to portions of the Old Town South subdivision during storm events.

Due to timing and coordination issues this project would occur in late 2019 or may occur in 2020.

New Business: John Devona wrote "*Western Springs Short Stories*" which was recently published.

Old Business: None

Next Meeting

TBD beginning with a Water Plant Tour along with our new Members and Committee.