

**MAYOR JAMES M. JAROSZYNSKI
TRUSTEE ANTHONY CAVALLARO
TRUSTEE TIMOTHY DUNN
TRUSTEE ALAN GUSTAFSON, JR.**

**GREGORY PETERSON, ATTORNEY
PETER FULLER, PROJECT CONSULTANT
CINDY CAPESTRANI, VILLAGE CLERK
PAULA SPUNAUGLE, TREASURER
AVERY FAULKNER, DPW SUPERINTENDENT
NIKKI PIERCE, Trustee appointee**

The work session meeting of the Village of Falconer Mayor and Board of Trustees was held on Monday, February 10, 2025 at 5:00 pm in the Falconer Public Library.

Pledge of Allegiance & Roll:

Trustee Gustafson, Trustee Dunn, Trustee Cavallaro, and Mayor Jaroszynski were all present.

Sanitary Sewer System Improvements – Square Engineering

Steven Renaud from Square Engineering gave a presentation to the board on the condition of the sanitary sewer collection system and pump station based on their recent field investigations.

Collection System Condition:

- Main focus of study was to assess the inflow and infiltration of the system.
- Based on data from 2018 – 2024, the average daily flow in the existing collection system is 1.5 million gallons per day (MGD), the highest at 2.6 MGD and lowest at .43 MGD. Current sewer use is 3-10 times higher than what it should be. The expected average daily flow is .35 MGD based on design standards for a new system for a population size in this area.
- Inspected approximately (\approx) 85% of \approx 360 manholes which are largely old brick manholes. Deficiencies include low lying manholes, frame and wall deterioration, root intrusion and active inflow at joints.
- There are \approx 78,000 linear feet of sewer main pipes, \approx 64,000 are original clay pipe, \approx 12,000 lined clay and \approx 2,000 PVC. The sewer main clay piping was generally found to be deficient (minor cracking, roots, offset joints).
- The pump station pumps and motors are reaching the end of their useful lives, sections of piping are deteriorating and the motor shafts require considerable maintenance and pose safety risks.

Collection System Improvement Recommendations:

- Rehabilitation of some type on approximately 274 manholes.
- Cementitious lining of all brick manholes.
- Trenchless cured-in-place pipe (CIPP) lining of approximately 59,000 LF sewer main.
- Open-cut replacement of approximately 5,000 LF sewer main.
- Pump Station – replace existing shafts and motors with dry pit submersible pumps and replacement of deteriorated piping and valves.

Summary:

- The total estimated project cost is \$11.2 million. There are funding agencies with grants and 30-year interest free loans to apply for to help with the cost of the project.
- Lining of clay pipe and lining/replacement of brick manholes will extend the life of the collection system.

February 10, 2025

2

- Based on flow meter data, the collection system suffers significantly from inflow and infiltration (I/I). Improvements under the project will help mitigate the influence of I/I.
- Improvements to the pump station (new pumps and motors) will reduce operation and maintenance for operators and eliminate the safety risks posed by the existing motor shafts.
- Approximate timeline for project – once the report is submitted, funding is applied for and RFQ's are sent out for the construction, the estimated start for the project would be in 2027 with a 12–18 month timeframe for completion.

Next Steps:

- Finalize the Engineering Report
- Begin the Environmental Review process – the board will review 2 resolutions for approval at the meeting tonight.
- Present the project during a public meeting
- Submit the Preliminary Engineering Report to NYS Environmental Facilities Corporation.

Trustee Dunn made a motion, seconded by Trustee Cavallaro to adjourn the work session at 6:04 p.m.
Ayes: All, Nays: None. Carried.

*Respectfully submitted,
Cindy Capestrani, Village Clerk*