2022 Sewer Department Project Funding Requests

Jim Peterson – General Foreman
Preventative Maintenance – Alpine Neighborhood Sewer Relining

- Sanitary Sewers constructed in the late 1950’s
- 4632’ of sewer pipe that serve 90 residential homes
- Sewer Deficiencies:
  - Running sand makes excavation difficult
  - Clay pipe has deteriorated, with many off-set joints
  - Tree root penetration
  - Bi-annual root cutting is required
  - I&I – Inflow and Infiltration
  - Sewer back ups have occurred
Off-Set Joints
Alpine Neighborhood Sewer Relining

- Minimal disruption to the neighborhood
- No need to shut off water to home
- Project Estimate - $270,000
Deferred due to COVID-19 – Reitz Parkway Pump Station Generator Replacement

- Pump Station serves a large number of households from Reitz Parkway through the Sunset Neighborhood.
- Generator is 20 years old
- It is presenting reliability and maintenance issues
- Assists during Power outages preventing sewer backups
- Project Estimate - $33,000
Lehigh Pump Station Upgrades

- Pump station services ~450 homes south of Lehigh Station Rd. An additional 191 homes south of the Thruway will be added to the system.
- Capacity Issues
- Issues with the reliability of the Pumps

- Pumps will be upgraded to be consistent with other Town stations
- S.C.A.D.A (Supervisory Control & Data Acquisition) monitoring will be added
- Project Estimate - $128,000
Miscellaneous Improvements

• Sewer Department Building Repairs
  • Overhead Door Replacement – Project Estimate $13,000
    • Exceeding 20 years old
    • Costly to Repair
  • Replacement Air Compressor – Project Estimate $6,000
  • Replacement Security Gate – Project Estimate $14,000
    • Much after-hours activities because of Canal Path use
• Additional Pump Station Improvements – Project Estimate $29,000
  • Replacement Pumps
  • Purchase back-up Pumps
  • S.C.A.D.A (Supervisory Control & Data Acquisition) Control Panel Upgrades
• Replacement Septic System for Mile Post School House – Project Estimate $5,000
## 2022 Sewer Department Project Funding Requests

<table>
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<tr>
<th>Project Description</th>
<th>Cost</th>
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<td><strong>Total</strong></td>
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All of these improvements are eligible for payment with ARPA funds.

Questions?