



Proposed Bridgeport Sewer District Extension No. 1

Public Information Meeting

Town of Sullivan

May 11, 2022

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Zoom Features Overview



Zoom

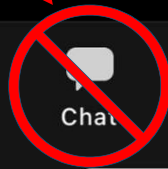
Leave

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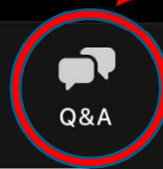
Please use the Q&A button to submit questions



Raise Hand



Chat



Q&A



More

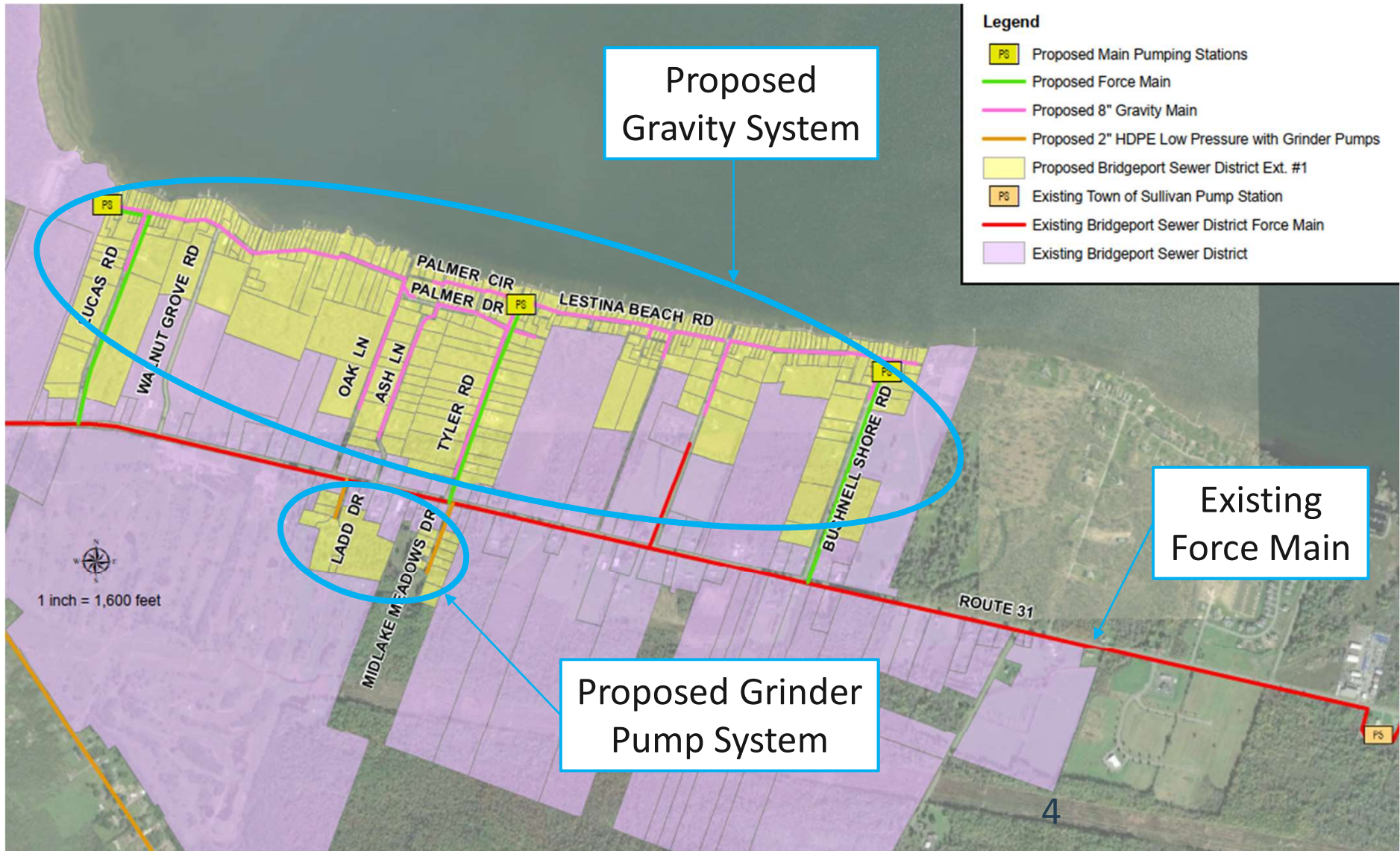
Project Drivers

- Aging, non-compliant septic systems
- Small lot sizes, year-round home conversions
- Overburdened by seasonal groundwater table
- Potential public health risk to nearby lakeshore residents
- Environmental risk to Oneida Lake water quality

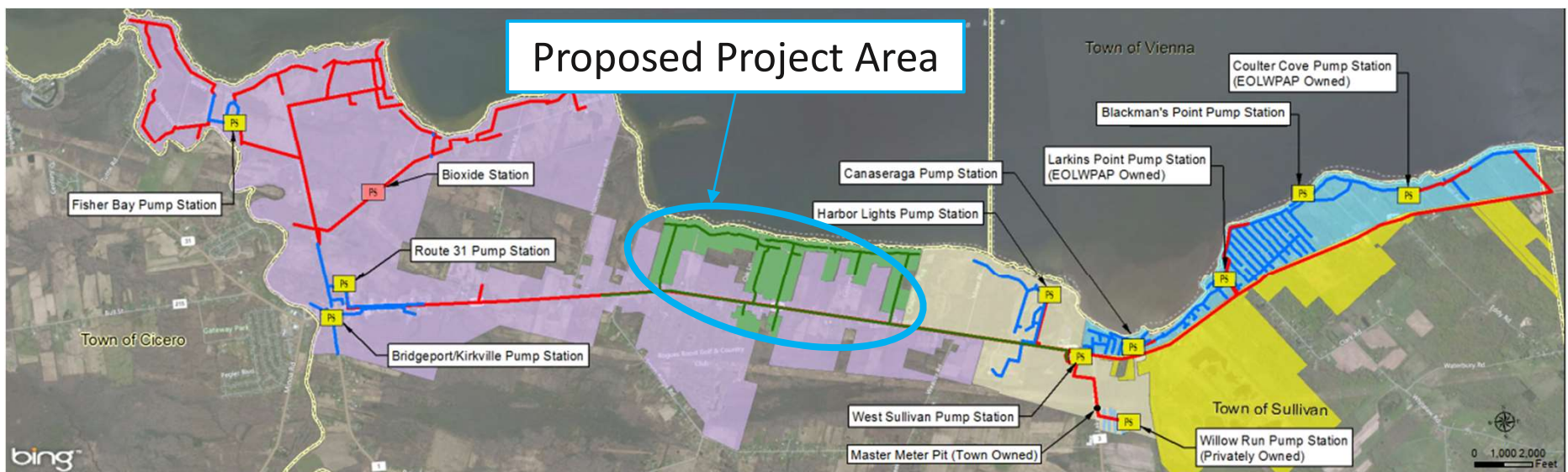


Proposed Service Area

- Extension of public sewers to serve residents along the southern shore of Oneida Lake, extension to existing Bridgeport Sewer District
- Approximately 278 Equivalent Dwelling Units (EDUs)
- 1 EDU = a typical single family household



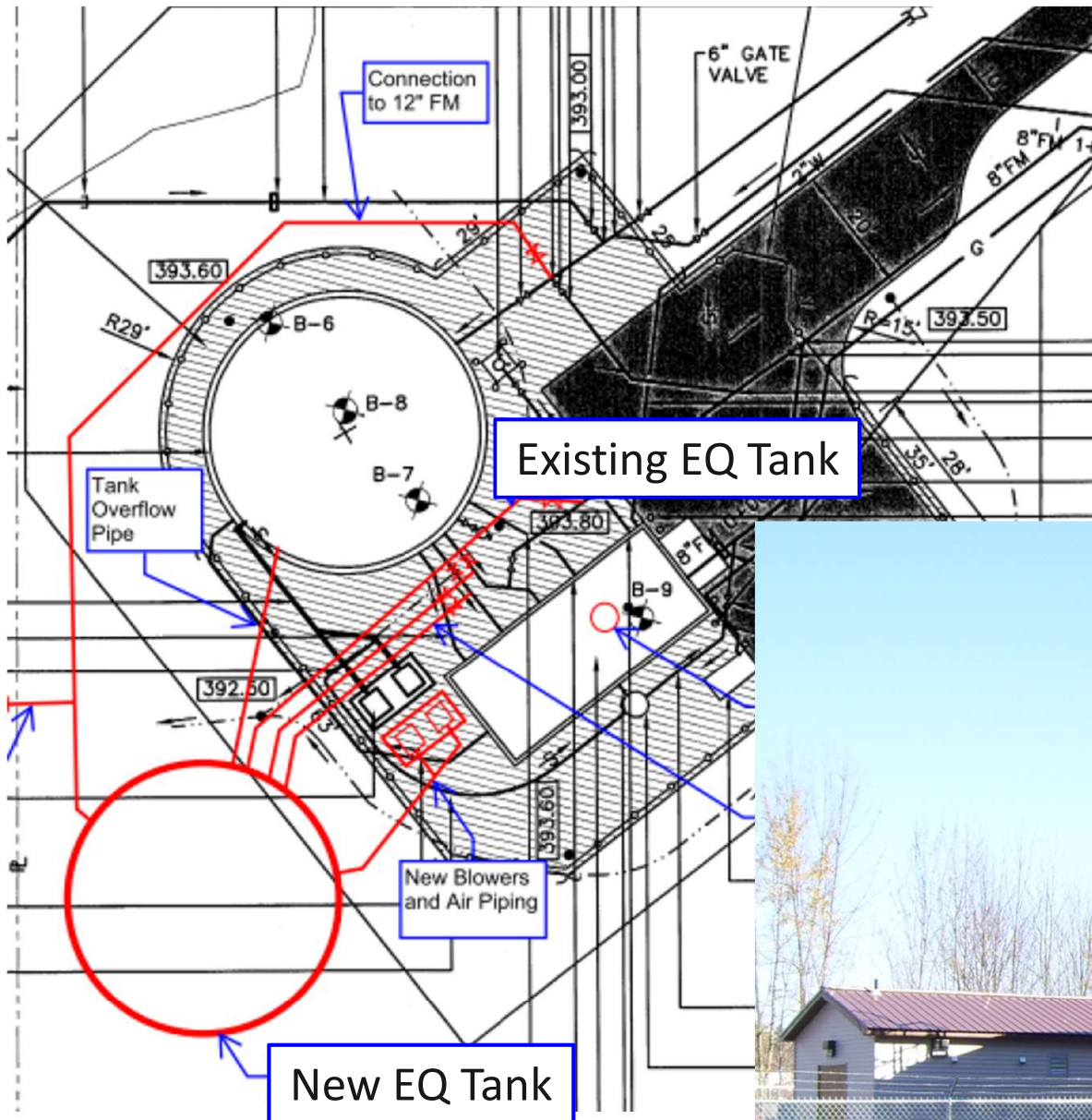
- East Oneida Lake Water Pollution Abatement Program
 - Formed in the 1970's to serve - Town of Sullivan, Town of Lenox, Town of Verona, Town of Vienna, Village of Sylvan Beach
 - Treatment at Village of Sylvan Beach WWTP



- Gravity sewer infrastructure system for areas north of NYS Route 31
 - ~17,500 LF of 8-inch gravity main
 - 242 gravity lateral connections
 - 3 pump stations with force main connections to existing 12-inch force main
- Gravity pump/force main infrastructure system for areas south of NYS Route 31
 - ~1,300 LF of 2-inch low-pressure force main
 - 18 grinder pumps
 - Low-pressure force main connection to existing 12-inch force main
- Additional Equalization Tank – ~200,000 gallons
 - At site of existing West Sullivan Pump Station Site



Proposed Improvements



Example pump stations – Existing Bridgeport Sewer District



Pump Station – below grade with emergency generator and control panel



Pump Station – building with emergency generator

- Gravity
 - Town ownership – Right of way (ROW) to sewer main
 - Operation and maintenance of 3 larger pump stations
 - Connected to Town SCADA (operations system)
 - Resident ownership – household connection to ROW
 - Generally maintenance free
- Grinder Pump
 - Town ownership – grinder pump to sewer main
 - Maintain grinder pumps
 - Town currently maintains >500 in Bridgeport SD
 - Resident ownership – household connection to grinder pump
 - Responsible for electrical cost
 - Power Loss – ~80 gallons of waste capacity, notify Town
 - Portable generator receptacle

User Cost Analysis

- Proposed Bridgeport Sewer District Extension No. 1 Project Cost Estimate

Approx. Cost **\$21M**

- Estimated User Cost = Debt Service + O&M Cost + Treatment Cost

- Estimated Debt Service \$677
- Estimated Town O&M \$130
- Estimated Treatment/Transmission Cost \$325

Total Annual Cost **~\$1,130/unit¹**



1 – Assumes ~50% USDA RD Grant, 25% WIIA Grant, 38-yr Intermediate USDA RD Loan

- NYS Water Infrastructure Improvement Act (WIIA) Grant
 - Lesser of \$5M or 25% of total project costs less other grants, max.
- NYS EFC Cleaning Water State Revolving Fund (CWSRF)
 - Program offers AAA market rate or subsidized loans
 - Financing based on project score and financial need
- USDA Rural Development (RD)
 - Offer market rate or subsidized loans and grant funding
 - Targeted financing: 38 year, RD Intermediate Rate
- Infrastructure Investment and Jobs Act



**Environmental
Facilities Corporation**

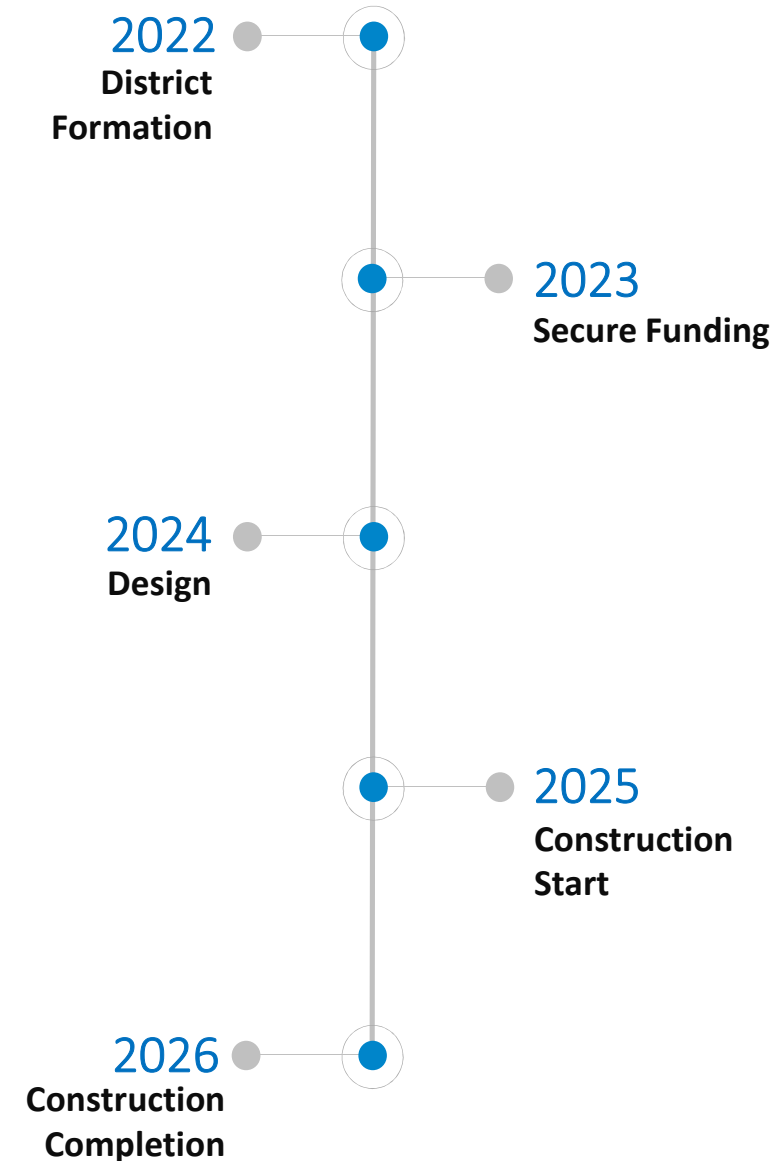


What's Next?

2022

- District Formation
- State Environmental Quality Review (SEQR)
- Bond Resolution

All 3 steps are required prior to securing funding.



The experience to
listen
The power to
solveSM

BartonandLoguidice.com

