



## Town of Schroepfel – West Schroepfel Sewer Service Area Project

# Presentation Outline

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- I. Introductions
- II. Project Objective
- III. West Schroepfel Sewer Project
- IV. Funding
- V. Anticipated User Cost
- VI. Project Schedule



# Introductions

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**Dustin Clark, P.E.**  
**Senior Associate**  
*Project Manager*  
*Regional Coordinator*



**Macie Waldroup**  
**Engineer II**  
*Project Engineering Lead*

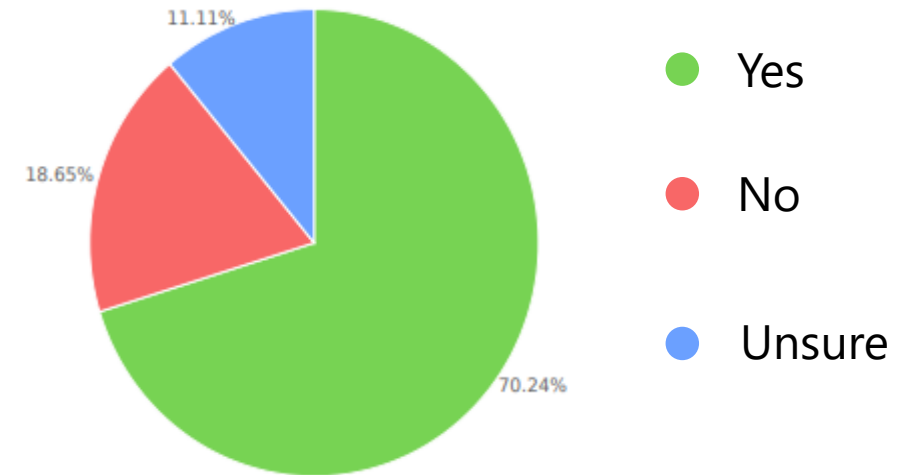
# Project Objective

# Need for Project

- Eliminate unreliable and poorly-functioning septic systems leaching into Oswego River
- Attract new commercial and residential growth throughout the Town
- Strengthen local tax base by attracting development to the Town

**Would you support the Town of Schroepfel developing public water and sewer services in selected areas of town to help attract new commercial and residential growth and strengthen the local tax base? (Select one)**

Answered: 504 Skipped: 3



Town of Schroepfel Comprehensive Plan  
Survey Results

# Project Development Considerations

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- Town Goals
  - Provide municipal infrastructure throughout the Town
- Town Comprehensive Plan
  - Survey Responses
  - Commercially-zoned areas
  - Areas of Need
- How to Leverage Project to Receive Grant Funding
  - User Cost
  - Sewer Conveyance and Treatment
- Regional Opportunity

# Southern Oswego County Regional Interceptor System (SOCRIS)

# The SOCRIS Initiative

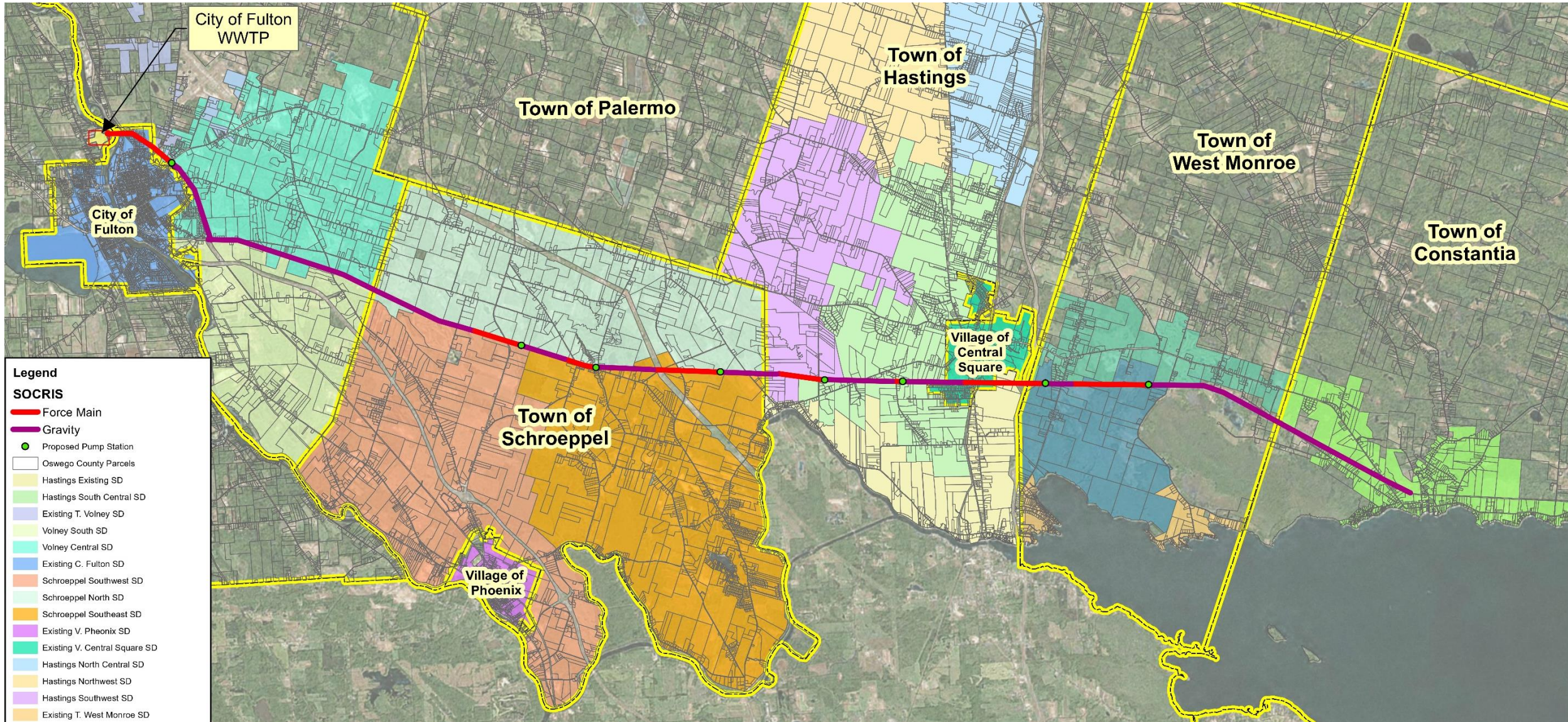
SOCRIS = ***Southern Oswego County Regional Interceptor System***

- Construction of a Regional Sewer System Along Oswego County Rail Trail
  - System Proposed from Constantia to the City of Fulton WPCF
- Initiating Entities:
  - Oswego County
  - Town of Constantia
  - Town of Hastings
  - **Town of Schroepfel**



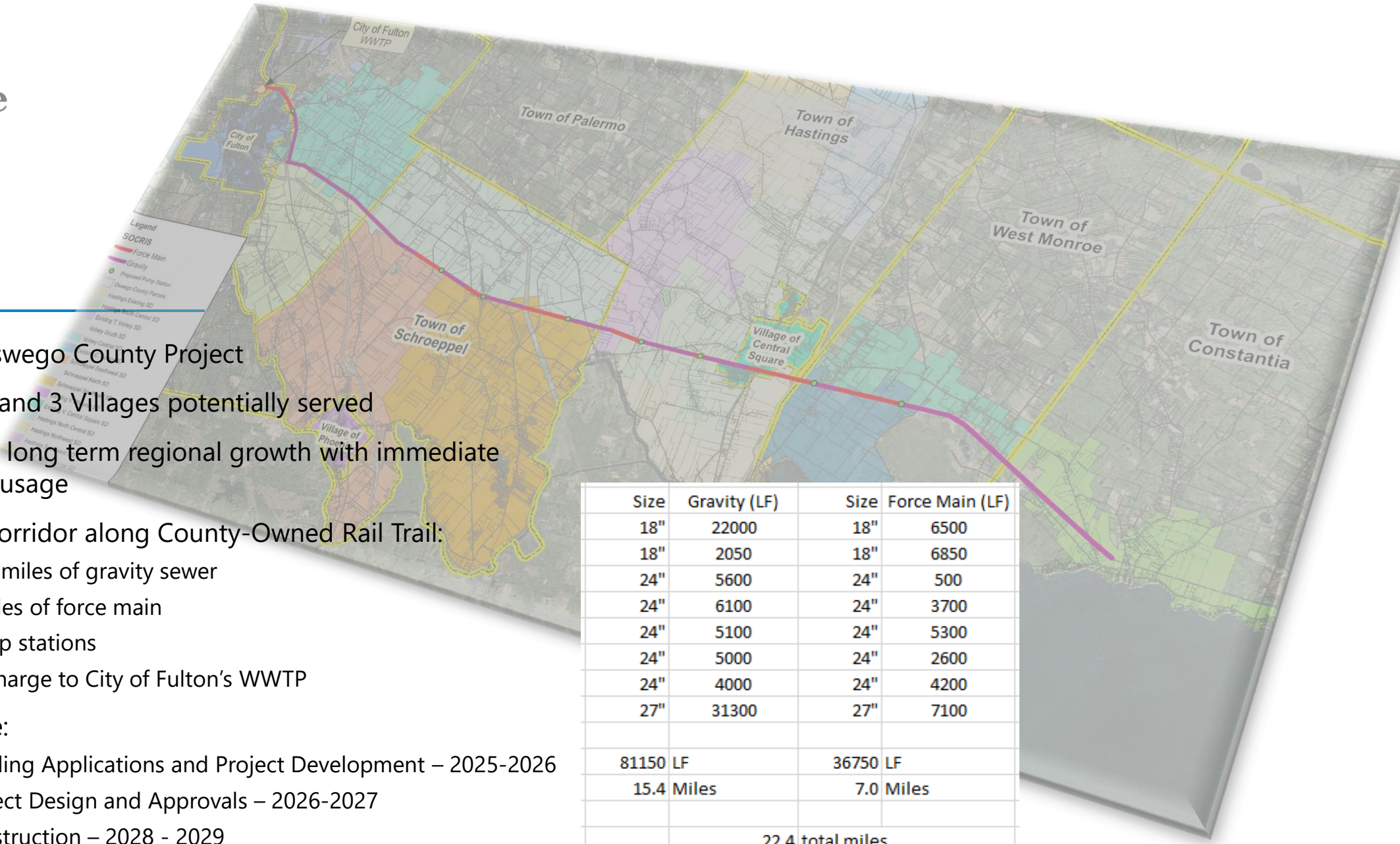


# The SOCRIS Initiative



# SOCRIS

- \$91M Oswego County Project
- 5 Towns and 3 Villages potentially served
- Sized for long term regional growth with immediate reduced usage
- Project corridor along County-Owned Rail Trail:
  - 15.4 miles of gravity sewer
  - 7 miles of force main
  - pump stations
  - Discharge to City of Fulton’s WWTP
- Schedule:
  - Funding Applications and Project Development – 2025-2026
  - Project Design and Approvals – 2026-2027
  - Construction – 2028 - 2029

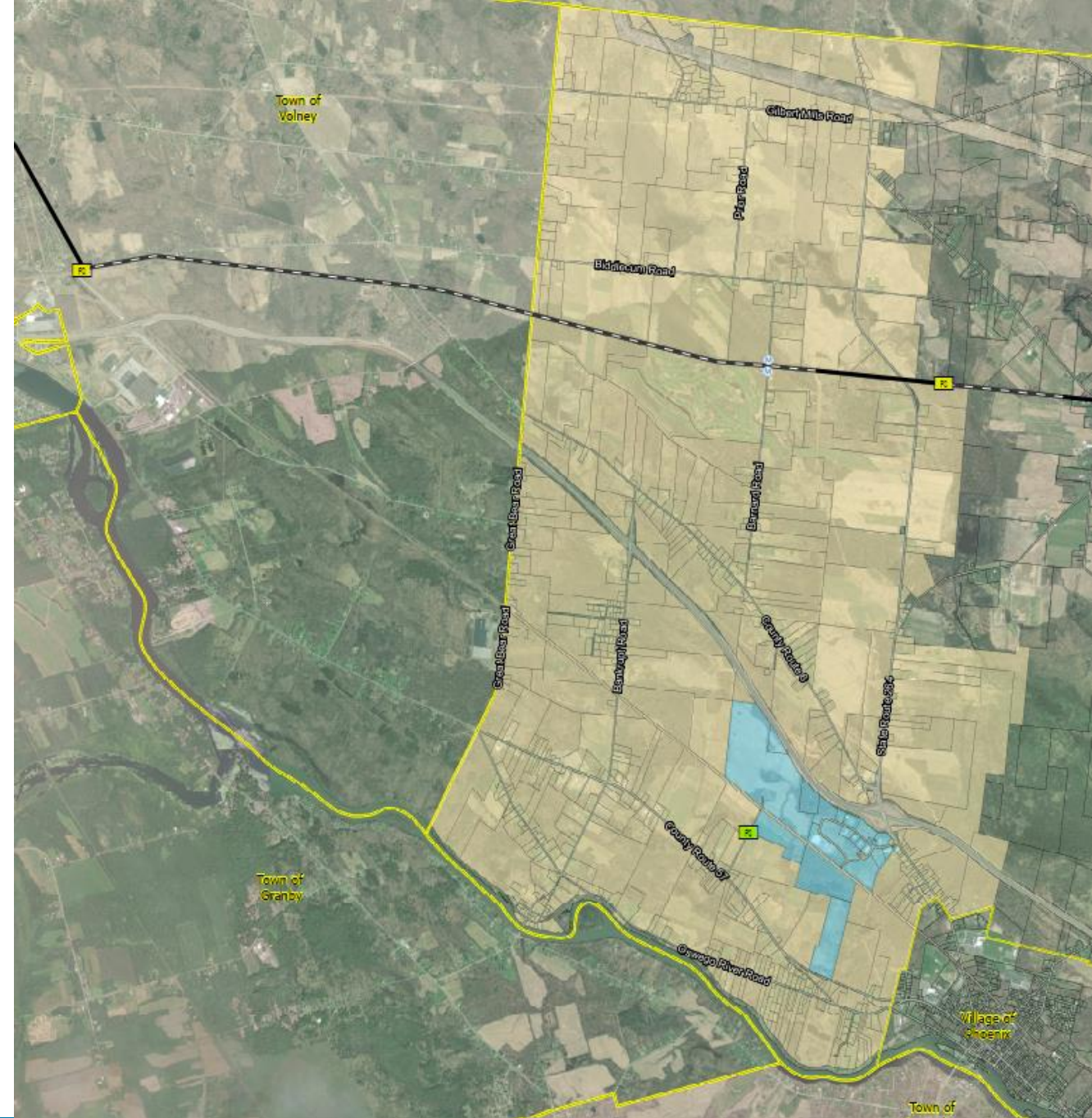


Size	Gravity (LF)	Size	Force Main (LF)
18"	22000	18"	6500
18"	2050	18"	6850
24"	5600	24"	500
24"	6100	24"	3700
24"	5100	24"	5300
24"	5000	24"	2600
24"	4000	24"	4200
27"	31300	27"	7100
81150 LF		36750 LF	
15.4 Miles		7.0 Miles	
22.4 total miles			
117900 total feet			

# West Schroepfel Sewer Project

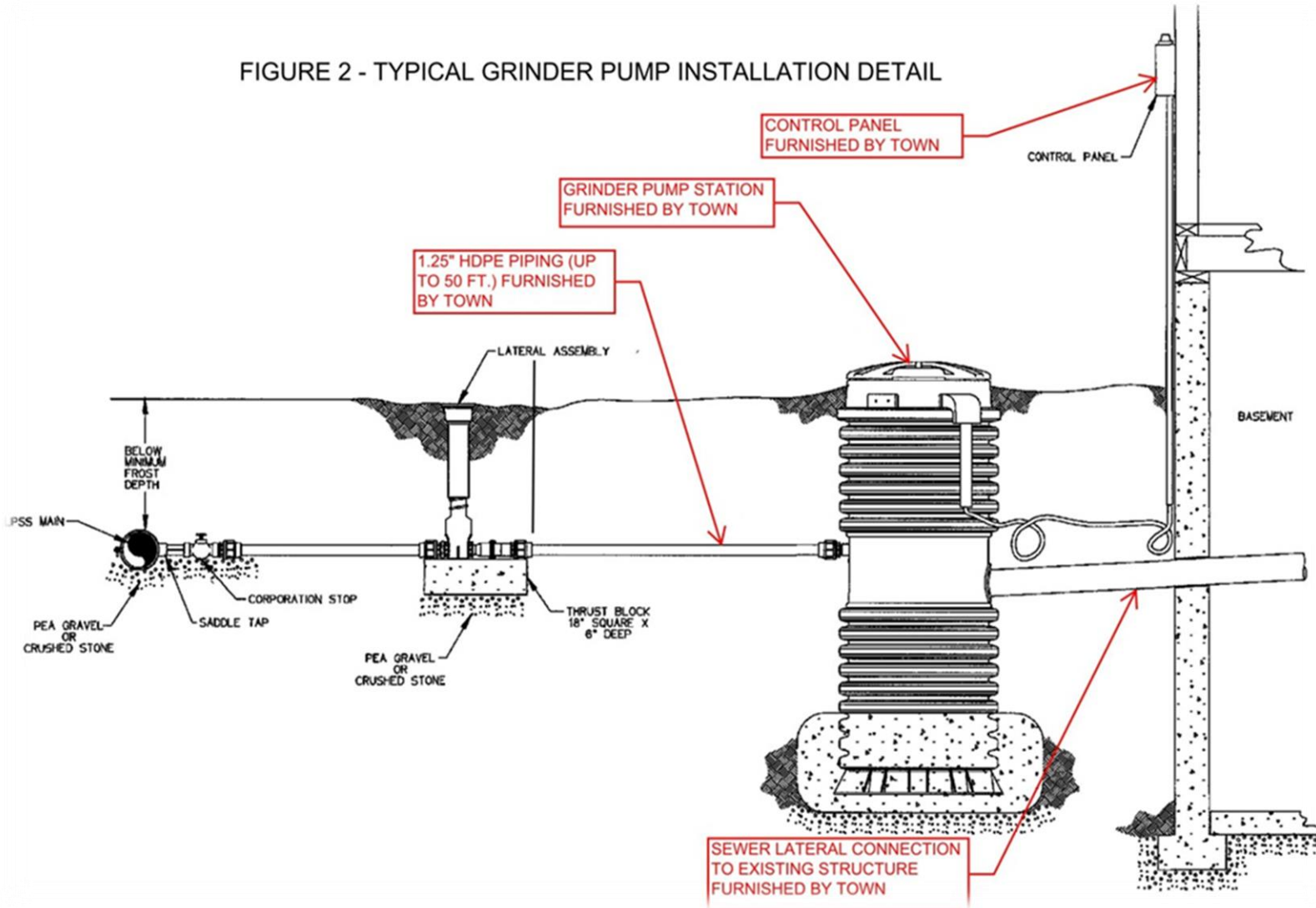
# Project Details

- Sanitary Sewer Collection System to serve Western portion of Town
- Turn-Key System
  - No additional connection costs
  - Septic decommissioning included in project
- 728.5 Equivalent Dwelling Units

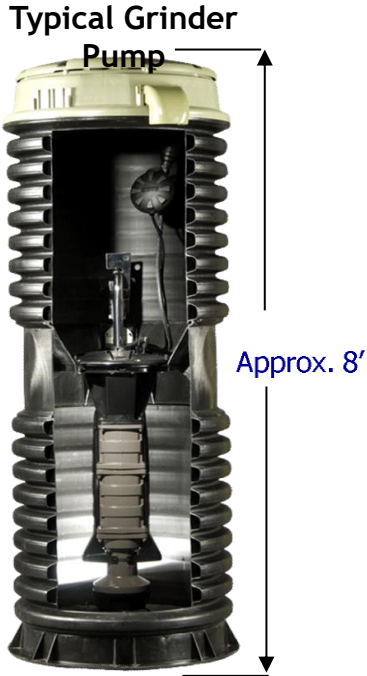


# "Turn-Key System"

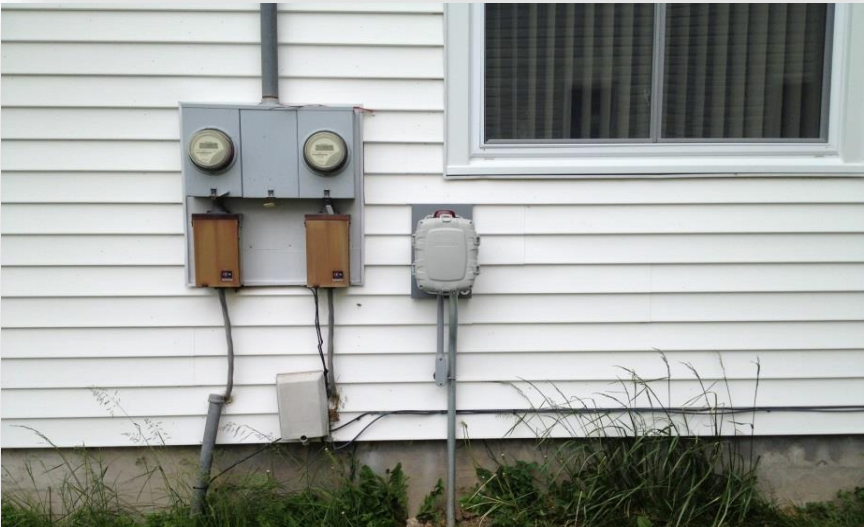
FIGURE 2 - TYPICAL GRINDER PUMP INSTALLATION DETAIL



# Typical Grinder Pump Installation



Typical Pump Alarm Panel



# Project Funding

# Estimated Project and User Costs

## Project Costs

- \$54.6M
- 728.5 EDUs

## User Costs

- O&M: \$225 / quarter
- Debt Charge: Target less than \$300/year

**GRANT = Lower Cost!!!**

### Potential 2025 Funding Scenarios

	Enhanced WIIA	En. WIIA + 1/2 WQIP	En. WIIA + Full WQIP	En. WIIA + Full WQIP + BIL
Grant (CWSRF/WIIA)	\$25,000,000	\$24,822,000	\$22,322,000	\$22,322,000
Grant (WQIP)	\$0	\$5,000,000	\$10,000,000	\$10,000,000
Grant (RD)	\$0	\$0	\$0	\$0
Grant (BIL)	\$0	\$0	\$18,000,000	\$22,322,000
Additional Grants	\$0	\$0	\$0	\$0
Other Grant (CDBG)	\$0	\$0	\$0	\$0
Grant Percentage	46%	55%	92%	100%
Loan Term	30	30	30	30
Loan Amount	\$20,000,000	\$20,000,000	\$4,322,000	\$0
Interest Rate	0.00%	0.00%	0.00%	0.00%
Annualized Project Cost (Hardship levelized payments)	\$666,667	\$666,667	\$144,067	\$0
Annualized Project Cost (50% rule)	\$533,333	\$533,333	\$115,253	\$0
Interest Rate	2.5%	2.5%	2.5%	2.5%
Loan Term	38	38	38	38
Loan Amount	\$9,644,000	\$4,822,000	\$0	\$0
Annualized Project Cost (levelized payments)	\$396,080	\$198,040	\$0	\$0
Annual Town Collection System O&M	\$139	\$139	\$139	\$139
Wastewater Treatment Charge (\$6/K-gal)	\$314	\$314	\$314	\$314
SOCRIS Conveyance Charge (Debt + O&M)	\$399	\$399	\$399	\$399
Annual Collection SLA	\$91	\$91	\$91	\$91
Annual Town Collection Debt Service	\$1,276	\$1,004	\$158	\$0
<b>Monthly First-Year User Cost</b>	<b>\$125</b>	<b>\$162</b>	<b>\$92</b>	<b>\$79</b>



# Funding Opportunities



## Environmental Facilities Corporation



## Department of Environmental Conservation

- Water Infrastructure Improvements Act (WIIA)
  - 25% of Project Cost up to \$25,000,000
- Enhanced WIIA
  - 50% of Project Cost up to \$25,000,000
- Bipartisan Infrastructure Law (BIL)
  - 50% of Project Cost up to \$25,000,000
- Hardship Financing Program
  - Interest-Free (0%) Financing up to \$20,000,000
  - Median Household Income Requirements

- Water Quality Improvements Project (WQIP)
  - 25% of Project Cost up to \$5,000,000
  - For eligible, high-priority projects

## • Other Opportunities:



United States  
Department of  
Agriculture

**Rural Development**



**Northern Border  
Regional Commission**

# Project Schedule

# Schedule

<b>Proposed Schedule</b>	
<b>Spring 2025</b>	Environmental Review  Preliminary Engineering Report  Public Hearing  Bond Resolution
<b>Summer 2025</b>	Funding Applications
<b>Winter 2025</b>	Receive Funding Offers
<b>2026</b>	Additional Funding Applications
<b>2027-2028</b>	Design and Permitting
<b>2028-2029</b>	Construction

Thank you!

Questions?

**Stay Informed!**

Visit the Town of Schroepfel website or scan the QR code to follow along throughout the course of the project.



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