

**STEUBEN  
COUNTY IDA**

INDUSTRIAL DEVELOPMENT AGENCY

MAKING CONNECTIONS  
CREATING SOLUTIONS

J.C. Smith  
Community Infrastructure Specialist  
607.776.3316  
[jcsmith@steubencountyida.com](mailto:jcsmith@steubencountyida.com)

# Practical Experiences for Organizing and Funding Your Infrastructure Project

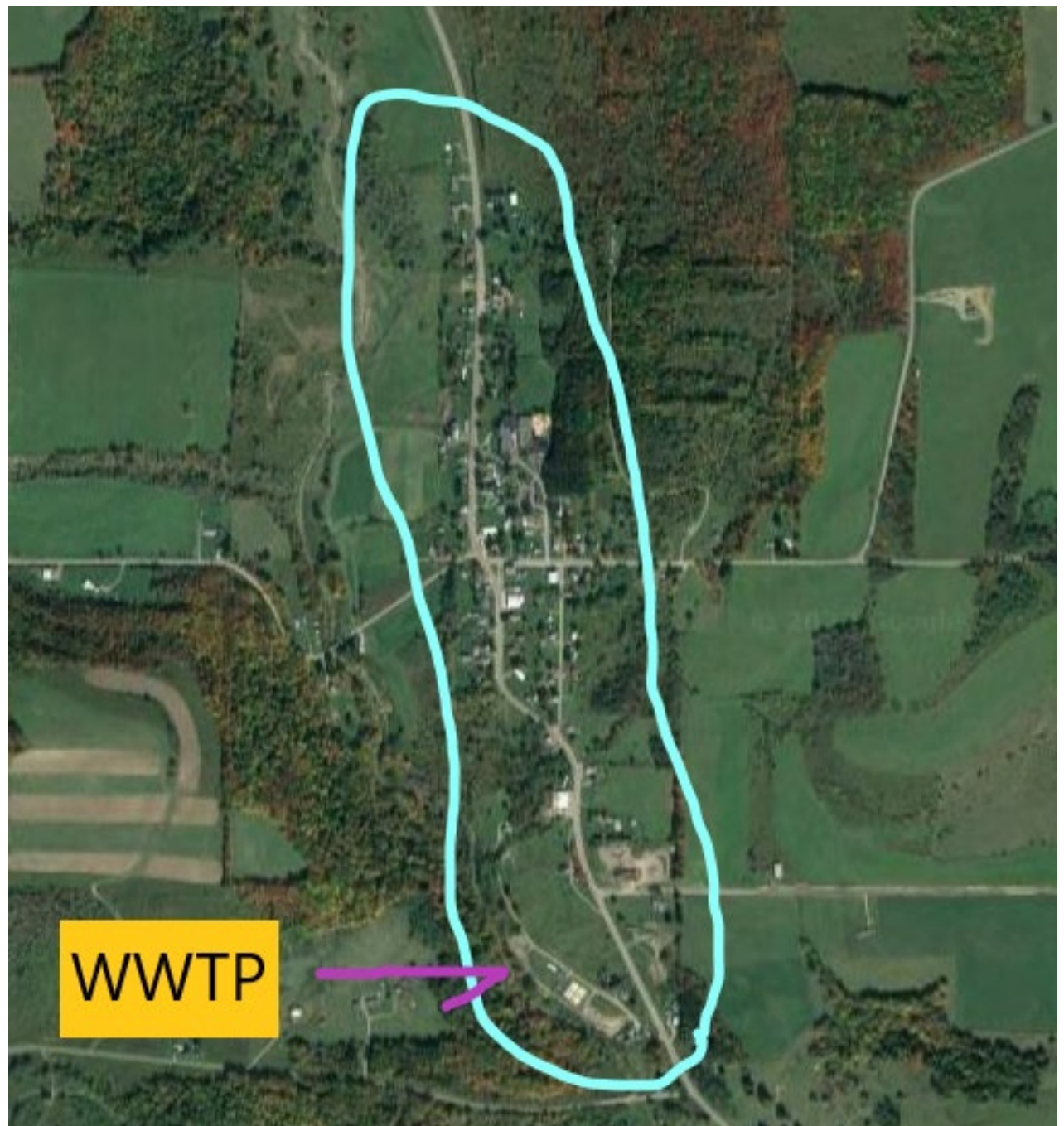
Southern Tier Central RPDB  
2023 Regional Leadership Conference

# Topics Today

- Discuss Common Types of Infrastructure Projects
- Review Project Development Processes
- Identify Contemporary Funding Themes
- Identify Best Practices In Project Development

# Town of Troupsburg

Extensive septic system  
failures



# Town of Troupsburg

Planning start  
1997

Construction 2002

## Complete Wastewater Collection and Treatment System

Collection sewers

Pump station

RBC Treatment Plant

Sand Filtration

Rural Development Grant	\$1,305,200
Rural Development Loan	\$97,420
CDBG Grant	\$400,000
CWSRF 0% Loan	\$202,500
ARC Grant	\$150,000
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Total	\$2,155,120

# Town of Prattsburgh

Old Water Supply System (1890's!)

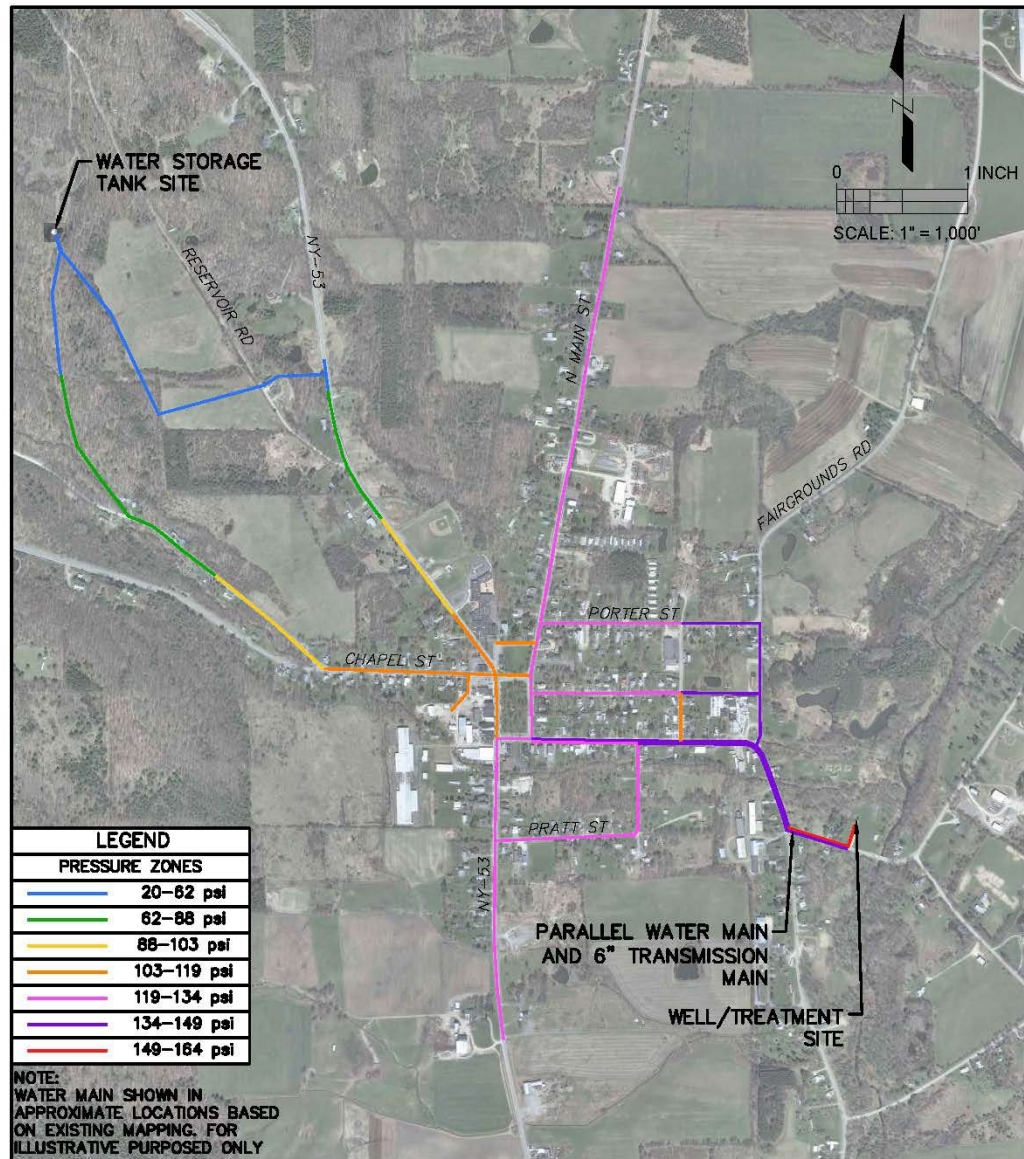
On-going water main breaks

Loss of volume from wells

Green sand system tired

Depreciation...

P:\17374\17374-004 Town of Prattsburgh - Water PERI Drawings\Plan Set\Exhibit 5 - Existing Pressures Map.dwg, Exhibit, 8/15/2022, 11:42:09 AM, Robbie, Allison



LEGEND	
PRESSURE ZONES	
	20-62 psi
	62-88 psi
	88-103 psi
	103-119 psi
	119-134 psi
	134-149 psi
	149-164 psi

NOTE:  
WATER MAIN SHOWN IN APPROXIMATE LOCATIONS BASED ON EXISTING MAPPING. FOR ILLUSTRATIVE PURPOSES ONLY

Larson Design Group  
1 WEST MARKET STREET  
SUITE 301  
CORNING, NY 14830  
(807) 936-7076

**WATER SYSTEM IMPROVEMENTS PROJECT**  
TOWN OF PRATTSBURGH, NEW YORK

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**ESTIMATED EXISTING WATER PRESSURES IN THE DISTRIBUTION SYSTEM**

Date:	08/15/2022
Project No.:	7374-004
Sheet No.:	<b>EXHIBIT 2</b>

# Prattsburgh

Planning start  
2011

Construction 2015

Water System Improvements

~5200 ' of water main

Storage Tank Improvements

Well Re-development

Greensand filter refurbishment

Disinfection Improvements

Rural Development Loan	\$1,155,000
CDBG Grant	\$600,000
-----	
Total	\$1,755,000

# Lay of the Land - 1998

- Wastewater Treatment Not (Yet!) Subject To Broad Regulatory and Water Quality Pressures
- Public Water Systems Subject To Surface Water Treatment Rule
- More Limited Scope of Funding Opportunities
- Problems From Depreciation (Appeared?!?) Less Significant
- Less Projects!
- Little To No Planning Funds

# Town of Erwin

Wastewater Treatment Plant Improvements  
Nutrient Removal (Mandated!)  
Disinfection (Mandated)  
Remove Capacity Bottleneck  
Renovate Sludge Digester  
Enable Addison Consolidation

NYS WQIP Grant	\$2,297,094
CW SRF Loan	\$531,008
WIIA Grant	\$177,002
NYS Local Gov't Efficiency	\$400,000
Town Reserves	\$310,200
Town InKind	\$81,074
ARPA	\$95,391
-----	
Total	\$3,891,769



# Town of Bath

Planning start  
2019

Construction  
2024???

Sewer Extension Using Treatment at Village of Bath  
~25,000 ' of various sewer mains  
2 Pump Stations  
~ 45 Grinder Pump Installations  
Connection to Village of Bath WWTP

NYS WQIP Grant	\$3,798,175
CW SRF 0% Loan \$1,155,000	\$2,499,579
Federal BIL Grant	\$2,499,579
-----	
Total	\$8,797,333
ARC Grant	(if awarded, \$500,000)
NYS WIIA Grant	(application to be made, \$624,895???)

## Lake Salubria, Town of Bath Steuben County, New York , March 2020



Photo Credit – Dillon Lewis, Lewis Imagery, Bath NY

# Town of “Rivendell”

## Drinking Water Supply Treatment Improvements

Upgrade Filtration to address HAB's,  
PFOA/PFOS and Turbidity

Upgrade Disinfection

DWSRF Market Rate Financing	\$4,729,000
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NYS WIIA Grant	\$3,000,000
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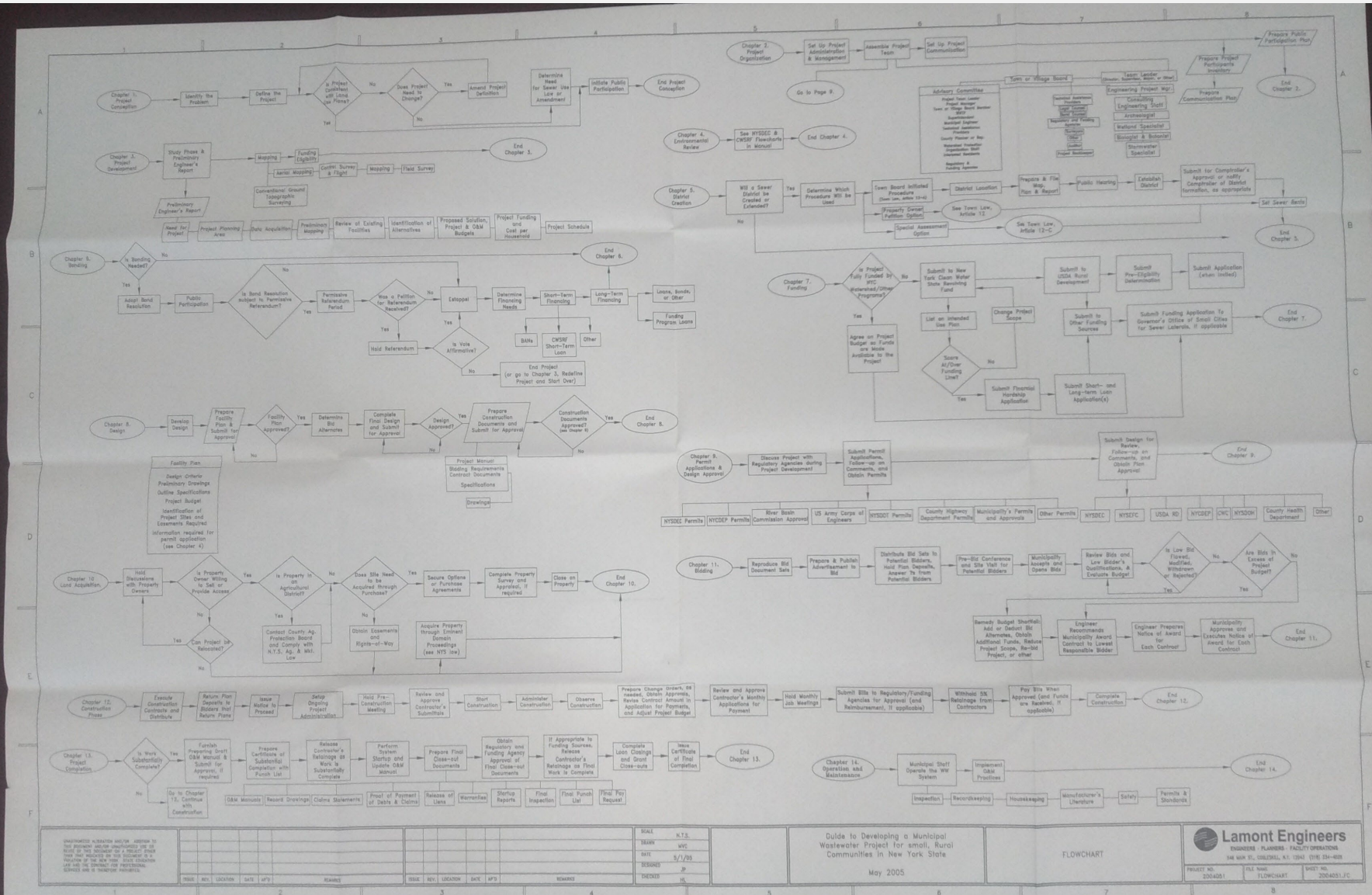
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Total	\$7,729,000
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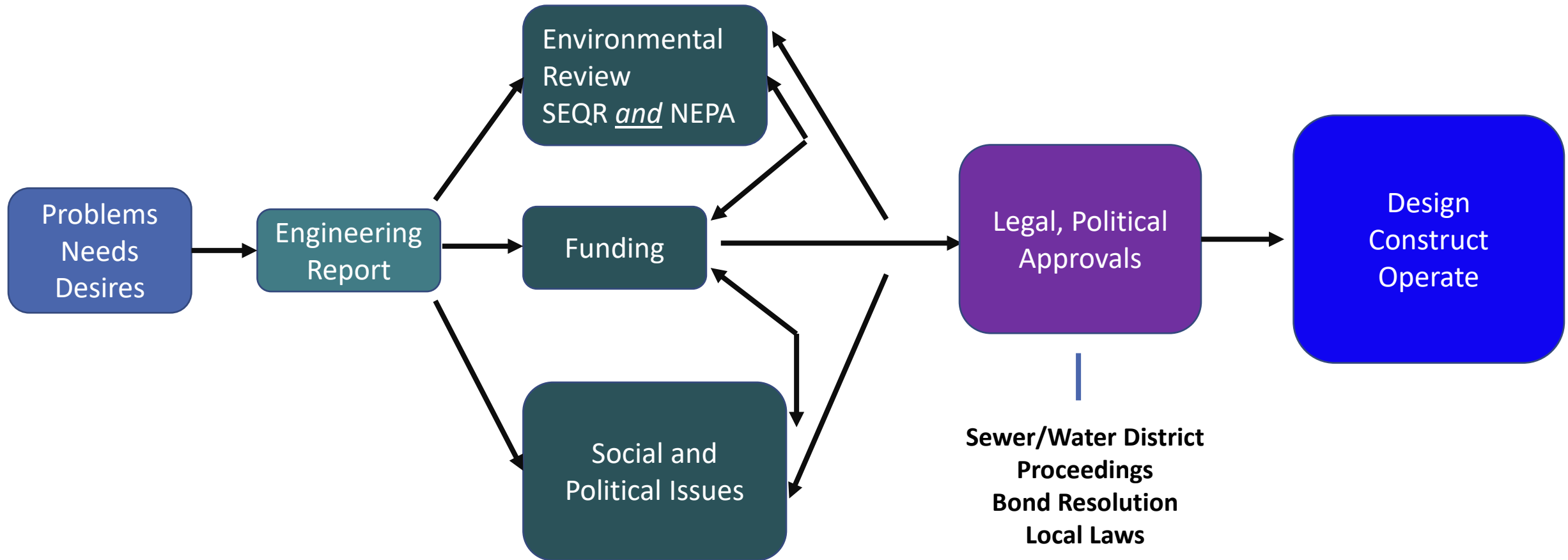
# Lay of the Land – Today!

- Wastewater Treatment Subject To Regulatory (Consent Order) and Water Quality Pressures Like Nutrient Removal and Disinfection
- Public Water Systems Facing Microcystins/HAB's, PFOA/PFOS and Lead
- Funding Opportunities Greatly Expanded In Type and Total Dollars
- Depreciation Is A Larger Factor In Scope and Number of Projects
- Overall, Many More Projects!
- \$\$\$ For Project Planning

# Project Planning.... GULP!



# Your Official 2023 Regional Leadership Conference Seriously Oversimplified Outline For Water and Sewer Project Development



# Funding Programs!



## Anchor Programs for Drinking Water and Wastewater Treatment

NYS Clean Water State Revolving Fund (**CWSRF**)

NYS Drinking Water State Revolving Fund (**DWSRF**)

BiPartisan Infrastructure Legislation (**BIL**)

NYS Water Infrastructure Improvement Act (**WIIA**)

USDA Rural Development (**RD**)

NYS Water Quality Improvement Program (**WQIP**)

**Emphasis on documented water quality issues, safety of public water supplies, financial need, management capacity and more...**

# Funding Programs!



## Team Players

NYS Local Government Efficiency Program (**LGE**)

NYS OCR Community Development Block Grant Program  
(**CDBG**)

American Rescue Plan Act (**ARPA**)

Appalachian Regional Commission (**ARC**)

US Economic Development Administration (**EDA**)

**Can or often fund public water/sewer projects that improve life of lower income persons, create economic opportunity, make for more livable communities, more effective government and more...**



# Engineering Planning

NYS EFC/DEC Wastewater  
Engineering Planning Grants

USDA Rural Development PPG  
and SEARCH

NYS OCR CDBG Planning  
Grants

# Know Your Demographics!

Median Household Income – MHI

It's the number in the middle

Poverty

What is Low to Moderate Income?

Income Surveys

- great if it works for you!
- timing and workload
- must be strategic

# Good Practices

- **Meet with Funders**
- **Use and Attend Outreach, i.e., EFC's new Community Assistance initiative, RCAP Solutions, Regional Planning boards...**
- **Plan Key Dates and Milestones**
- **Get SEQR and NEPA in the scope of your Engineering Report**

# Good Practices

- **Regular project team conference calls/meetings**
- **Ask for help!**
- **Make a plan to communicate with your public!**
- **The best day to start work on your grant application is the day after the application deadline!**



Questions