

ARPA

Water & Sewer Infrastructure



DANIEL W. SANTOS, MPA, P.E.
DIRECTOR OF PUBLIC WORKS
BARNSTABLE, MASS.
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DPW Areas of Responsibility

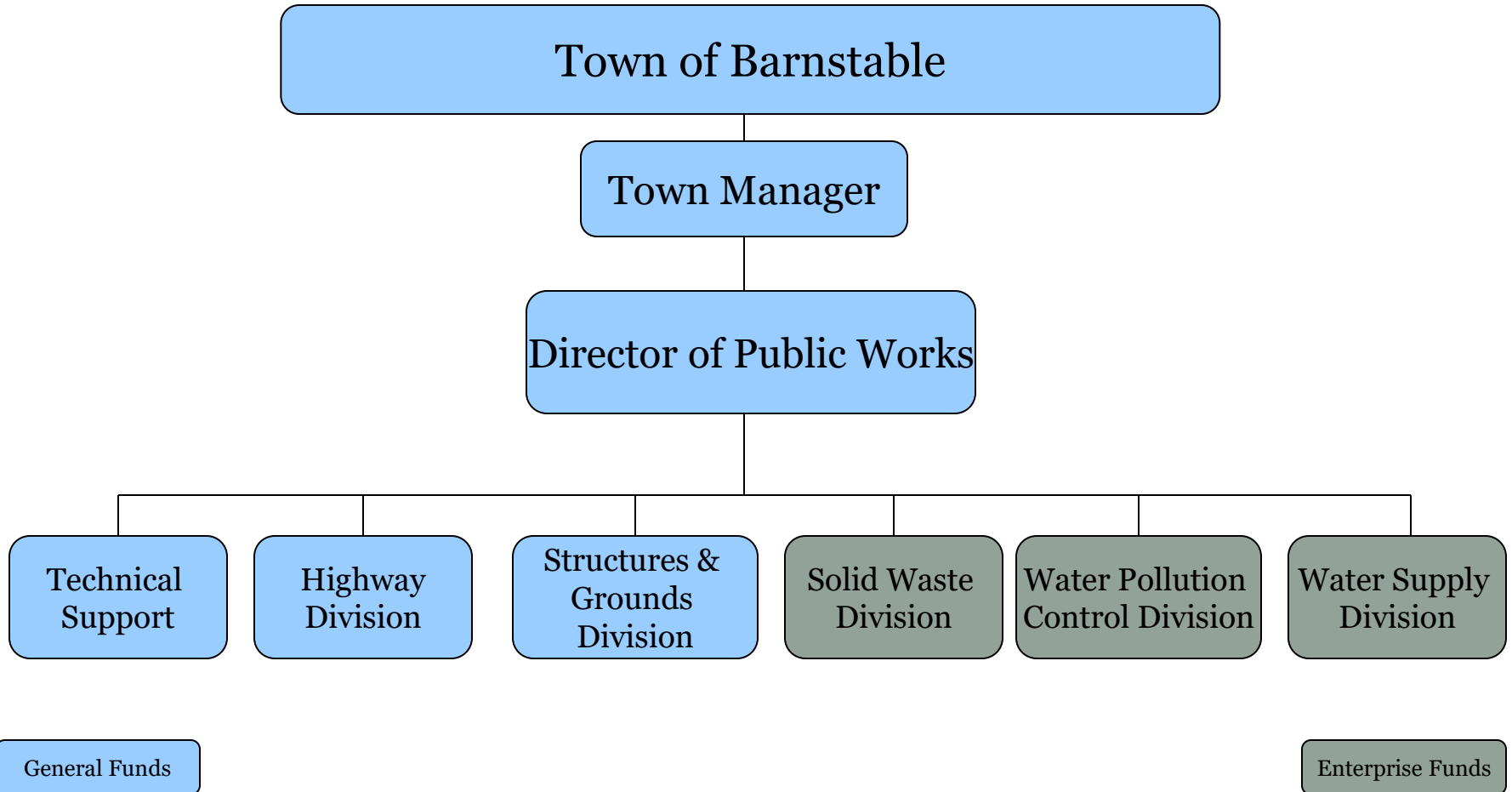


- Emergency Services
 - Snow and Ice removal
 - Hurricane
 - Etc.
- Roads/Drainage/Sidewalks
- Municipal Buildings and Grounds
- Marinas
- Beaches and Bath Houses
- Cemeteries
- Water Supply
- Wastewater
- Solid Waste



List Continues to Grow

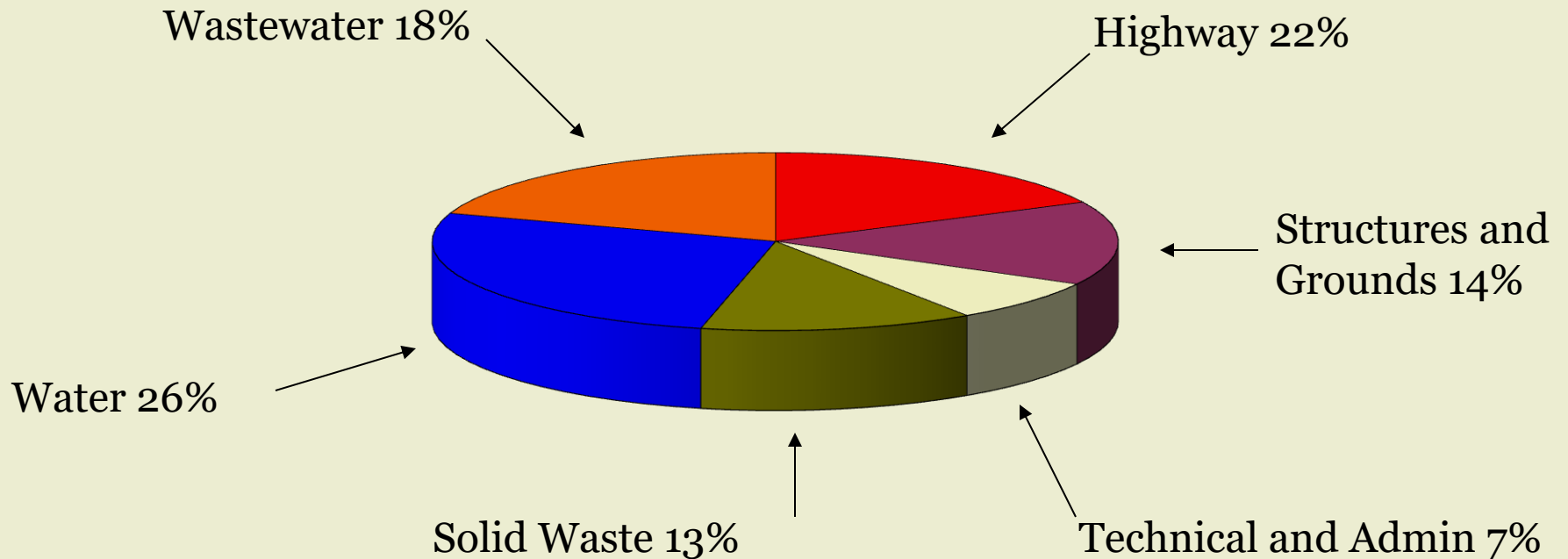
DPW Organization



DPW Operating Budget



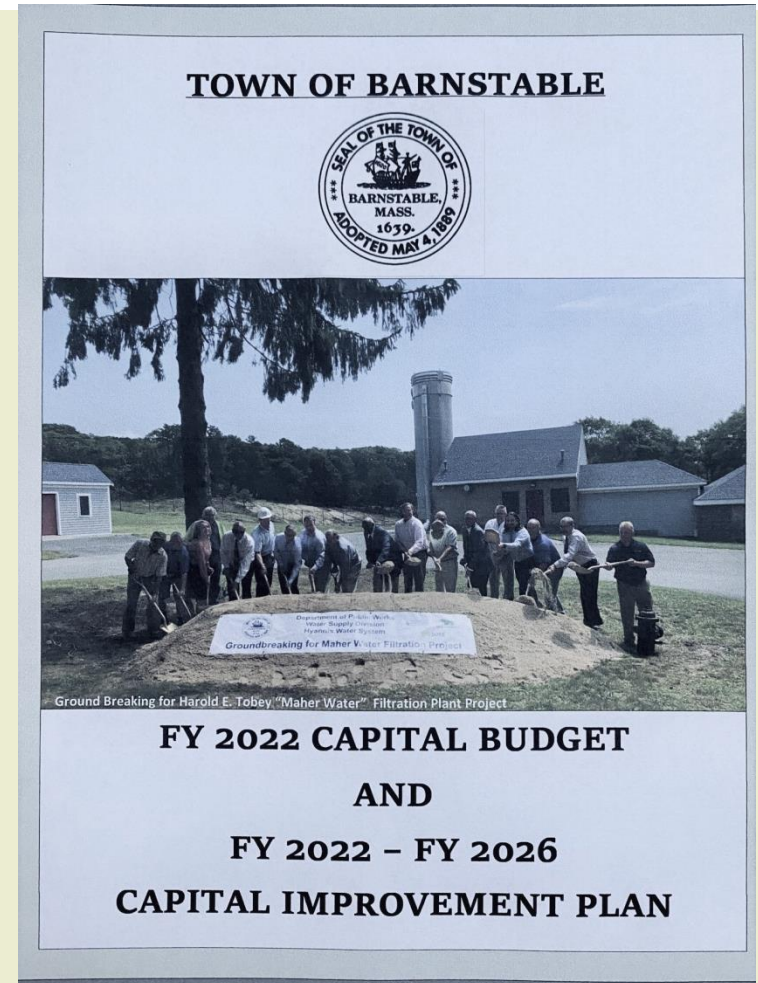
Total Operating Budget = \$23,859,773



Capital Planning Process



- Asset Management Program
- 5-Year Capital Plan
 - Barnstable: 168 projects, \$474 million
- Annual Budget Cycle
- Project Pipeline
 - Plan
 - Design
 - Implement



Water Supply Projects



- Source Development
- Treatment
- Storage
- Distribution
- Demand Management

Barnstable Water Supply Projects



- New well development
- Watermain Replacement
- Water Treatment Plants
 - Perfluorinated Compounds (PFAS)

Wastewater Projects



- Collection
- Transmission
- Treatment Plant
- Effluent Disposal
- Solids Handling
- Septage
- Demand Management

Barnstable Wastewater Projects



- Comprehensive Wastewater Management Plan
- Treatment Plant Improvements
- Sewer Line Replacements

Comprehensive Wastewater Management Plan (CWMP)



- 30-Year plan in 3 Phases
- Address Nutrient Contamination of Coastal Waters
- \$1.4 billion
 - Connect 11,800 properties
 - 190 Miles of sewers
 - 50 Miles of force main
 - 80+ Pump stations
 - Treatment upgrades
 - Additional Effluent Disposal Methods/Locations

Funding Sources



- Enterprise Fund Reserves
- Capital Trust Fund
- Sewer Construction and Private Way Maintenance and improvement Fund (meals and rooms tax)
- Cape Cod and Islands Water Protection Fund (2.75% tax on all lodging)
- Water and Wastewater Stabilization Fund (short term rentals tax)
- State Revolving Fund
 - 2% Loans
 - 0% Loans
 - Principle Forgiveness Subsidies

ARPA Funding



- Water & Sewer Infrastructure
- Distribution through State, County, Municipal City
 - Barnstable:
 - ✦ Direct: \$7.6 million
 - ✦ County: \$41 million (Barnstable Share TBD)
 - ✦ State: \$5.3 billion (Barnstable Share TBD)
- Funds Obligated by 12/31/2024
- Projects complete by 12/31/2026

SRF Schedule for 2022 Solicitations



SRF Schedule for 2022 Solicitations

Step	2021												2022												2023												Notes
	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	J	F	M	A	M	J	J	A	S	O	N	D	
PEF Due																																					Due August 20, 2021
Draft IUP Issued																																					Typically received from SRF in January
Final IUP Issued																																					Typically received from SRF in Spring
Local Appropriation Deadline																																					Appropriation required by June 30, 2022
Loan Application Due																																					Loan Application due October 15, 2022
PAC Received																																					Typically received from SRF in December
Contract Execution Deadline																																					Deadline is June 30th for principle forgiveness eligibility

Takeaways



- Understand the condition of your assets
- Maintain – It's far cheaper in the long run!
- Plan and program
- Take small bites
- Position your community for opportunities
 - SRF
 - Grants
 - New Programs
 - Get a seat at the table

Thank You



DANIEL.SANTOS@TOWN.BARNSTABLE.MA.US

508-790-6400

SRF Schedule

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- **Submit Performance Evaluation Forms (PEFs)**
 - Due August 20, 2021 for 2022 Solicitations
- **SRF Issues Intended Use Plan**
 - Draft typically issued in January
 - Final typically issued in April
- **Local Appropriation Required by end of fiscal year**
 - Due June 30, 2022 for 2022 Solicitations
- **Loan Application Due mid-October**
 - Due October 15, 2022 for 2022 Solicitations
 - Loan Application requires substantial amount of documents including plans, specifications, estimate, certification of title, etc.

SRF Schedule (continued)

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- **Project Approval Certification (PAC)** received from SRF
 - Received after SRF reviews and approves Loan Application
 - Typically received in December
 - SRF will issue a “Restricted PAC” if loan application is incomplete
- **Permission to Advertise** received from SRF
 - Received after SRF review and approval of final bid documents.
 - Can advertise “at risk” prior to receipt of Permission to Advertise from SRF
- **Town bids construction project**
- **Town opens bids for construction project**
- **Town reviews bids for project and submits bid review letter to SRF requesting Authorization to Award**
- **Authorization to Award** received from SRF
 - Once received, Town can execute contract w/ contractor
- **Executed Contract Deadline**
 - Unless an extension is received, the deadline for executing a contract in order to remain eligible for principle forgiveness is June 30th
 - For 2022 Solicitations, the Executed Contract Deadline will be June 30, 2023