



Projects

North Fork Reservoir Dredging

- Removal of accumulated sediment for maintenance
- Status: Complete
- Cost: ~\$900,000



North Fork Reservoir Dredging



French Broad River Intake and Pumping Station



WWTP Aeration Basin Repair/Rehab

- Structural Repair of Wall
- Basin Coating System
- Status: Complete
- Cost: \$1.5M Grant



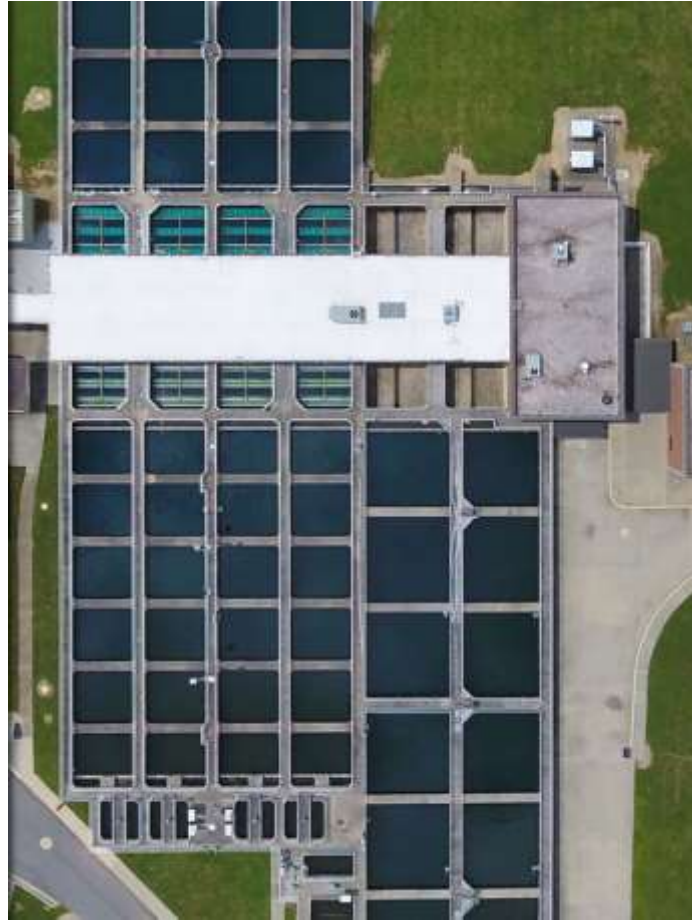
WWTP Ultraviolet Disinfection Improvements

- Replacement of aging equipment
- Additional capacity
- Redundancy
- Energy Savings
- Status: Construction
- Cost: ~\$3.9M Grant



Water Treatment Facility Expansion – 15 mgd

- Installation of additional filter
- Additional 3 mgd capacity
12 mgd to 15 mgd
- Status: Design/Permitting
- Construction 2024
- Estimated Cost: \$2.1M



Sewer Collections Master Plan Update

- Update to 2019 Master Plan
- Population projections
- Identify deficiencies
- Prioritize projects
- Status: Preliminary



WWTP 6mgd Expansion and Improvements

- Influent Pump Station and Headworks
- Equalization Basin (reduce SSOs)
- Blower Improvements
- Filter Replacement
- Additional Capacity – 6.0mgd
- Status: Preliminary
- Estimated Cost: ~\$34M



Future WWTP Improvements

- Recycle Pumping Station, \$1.1M, FY26
- Sludge Thickening, \$5.9M, FY28
- Dewatering Facility Lightning Protection, \$500k, FY28
- Status: Preliminary



Mud Creek Sewer Interceptor Replacement

- Undersized for current and future flows
- Status: Design/Permitting
- Construction 2025
- Estimated Cost \$9.3M



NCDOT Hwy 191 Widening

- Installation of 36" and 30" water pipe along NC-191
- Status: Design
- Construction: 2025
- Estimated Cost: \$12.8M

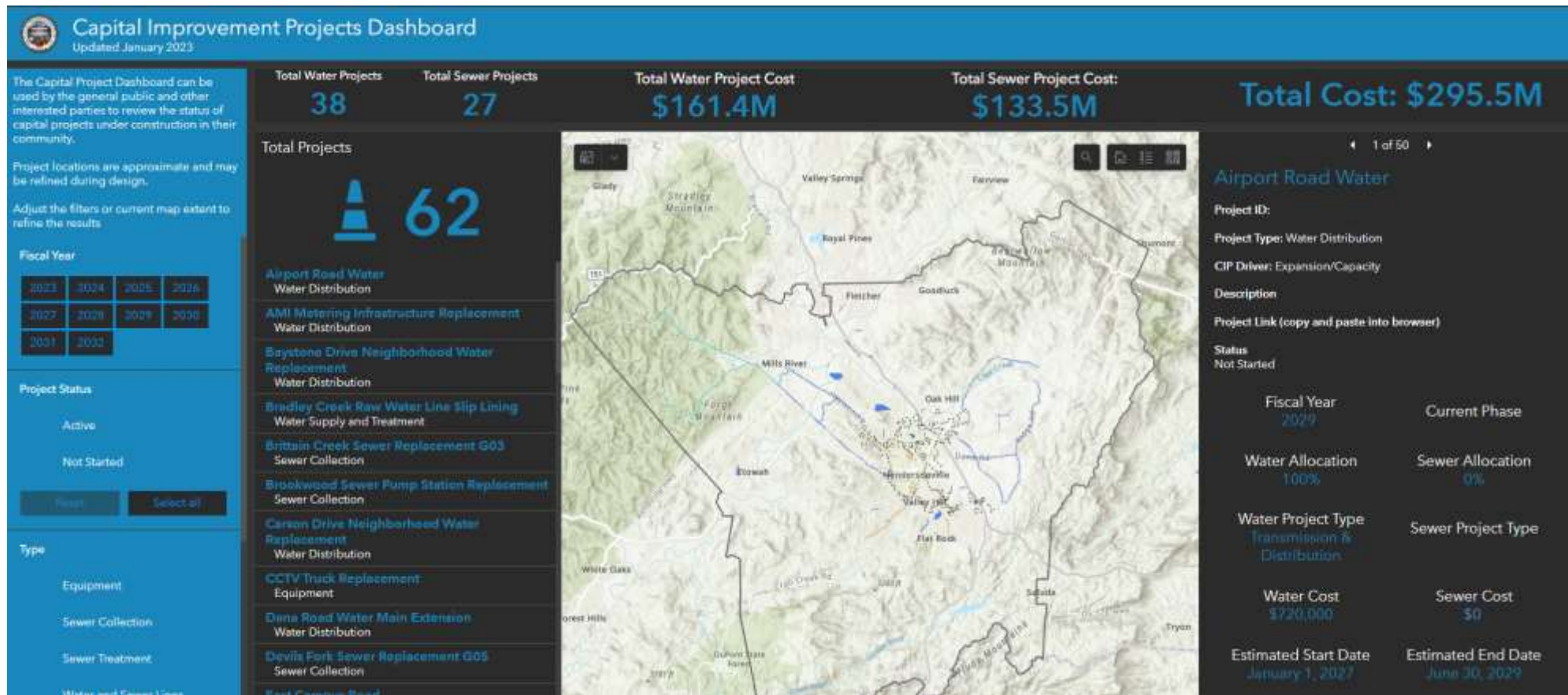


Long John Mountain Water Improvements

- Project identified in 2017 Water System Master Plan
- Connect the valley along NC 191 with the valley along US 64
- Construction of water lines, at-grade water storage tank, and pump station
- Elimination of approximately 11 existing pump stations and 2 tanks
- 20-year present worth operational savings of over \$2.7M
- Significant decrease in power consumption
- Status: Preliminary, Design Commencing FY25
- Estimated Cost: \$12M



Other Projects



More information:
[Water & Sewer CIP Dashboard](#)



Questions?