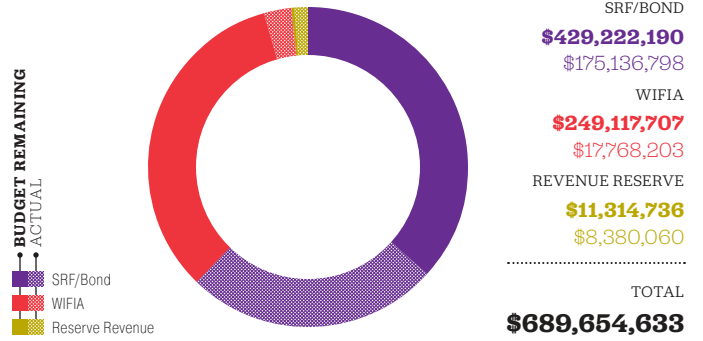




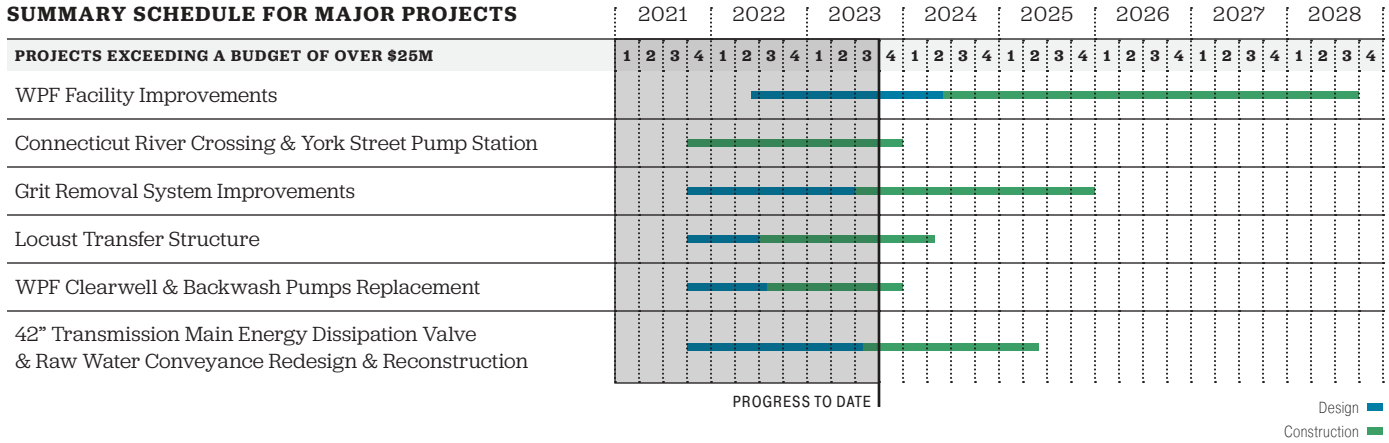
WIFIA Overview

The SWSC WIFIA Program is a collection of capital water and wastewater projects to address needed improvements to the infrastructure serving Springfield, MA customers. Funding for the Program is from an EPA WIFIA loan, state revolving fund loan, and other SWSC capital. The SWSC as of September 30th has expended \$200,592,067 of the WIFIA Loan Agreement. The current spend is below projected spending for the Program and is due to small delays in construction. The overall program is on track to achieve substantial completion by June 30th, 2028. The West Parish Filter Project is considering some modifications and will need to be monitored closely to ensure budget and schedule remain on track. Modifications to the WIFIA Program Substantial Completion will be evaluated and communicated with the EPA in the Q8 Quarterly Report.

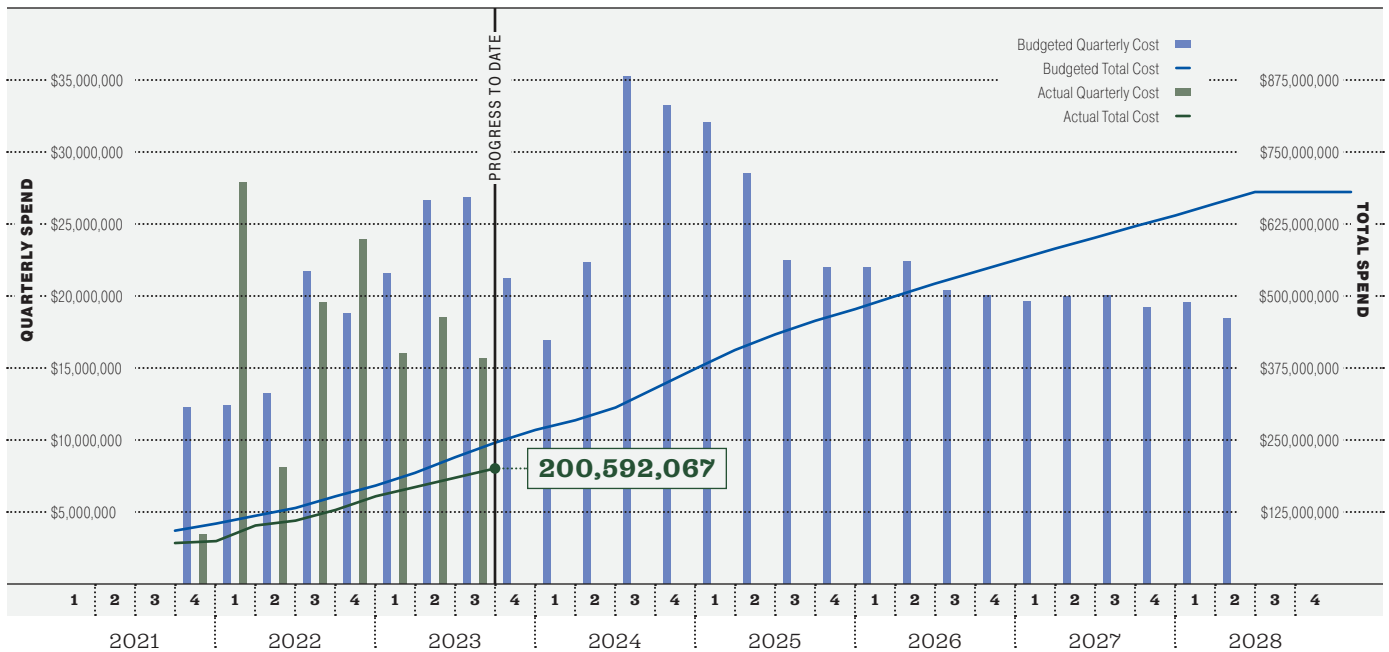
PROGRAM BUDGET & FUNDING SOURCES



SUMMARY SCHEDULE FOR MAJOR PROJECTS



WIFIA PROGRAM PLANNED VERSUS ACTUAL CUMULATIVE CASH FLOW





West Parish Filter Facility Improvements



Update: The 90% design was submitted for review. Third party peer review has started reviewing.

DESIGN	90%
CONSTRUCTION	0%

Grit Removal System Improvements



Update: Contract has been executed for the Grit Removal System Improvements. The Notice to Proceed was signed August 17, 2023. The Contractor is currently prepping for mobilization.

DESIGN	100%
CONSTRUCTION	1%

Locust Transfer Structure



Update: The combined sewer replacement on Locust and Main Street is approximately half installed. Micropiles for the valves at the interconnection to the Main Interceptor System are being installed.

DESIGN	100%
CONSTRUCTION	22%

Connecticut River Crossing & York Street Pump Station



Update: Project has reached substantial completion. The Combined Sewer Overflow (CSOs) legislative briefing and ribbon-cutting event is scheduled for November 17, 2023. <https://www.youtube.com/watch?v=7NF8zmVrAlg>

DESIGN	100%
CONSTRUCTION	91%

42" Transmission Main Energy Dissipation Valve & Raw Water Conveyance Redesign & Reconstruction



Update: Design Consultant is working to combine 90% design into one complete 100% design package.

DESIGN	100%
CONSTRUCTION	0%

West Parish Filter Clearwell & Backwash Pumps Replacement



Update: The Motor Control Center was received and installed. Currently, SWSC is preparing the facility for systems startup in next quarter.

DESIGN	100%
CONSTRUCTION	86%



West Parish Filter Facility Improvements

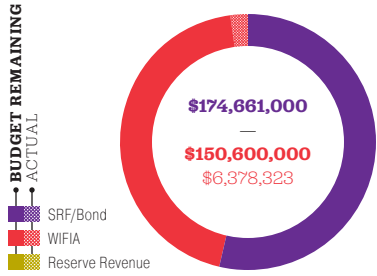
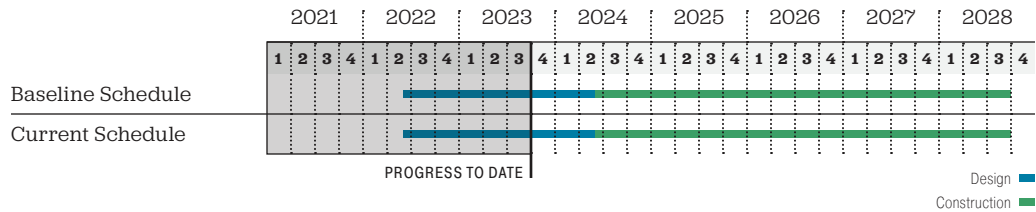
CURRENT PHASE—90% DESIGN

The substantial completion date has been moved to June 30, 2028. This project is currently at 90% design, and those designs are being peer-reviewed for accuracy and completion by the Commission’s outside engineering firm. The timeline of the project was modified in accordance with those 90% design updates. The Commission is actively in the process of engaging prequalified general contractors and filed sub bidders to bid on the project. The construction component of the project is scheduled to be bid out in February 2024.

UPCOMING ACTIVITY

DATE	TASK
Oct 6, 2023	90% Design Submission
Feb 9, 2024	100% Design Submission
Feb 12, 2024	Bid Advertisement

BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
\$325,261,000	\$6,378,323	\$318,882,677	1.96%



Connecticut River Crossing & York Street Pump Station

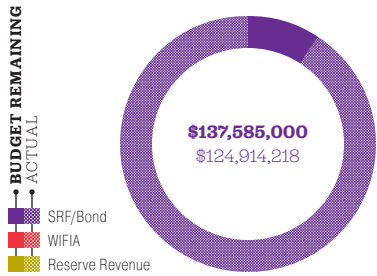
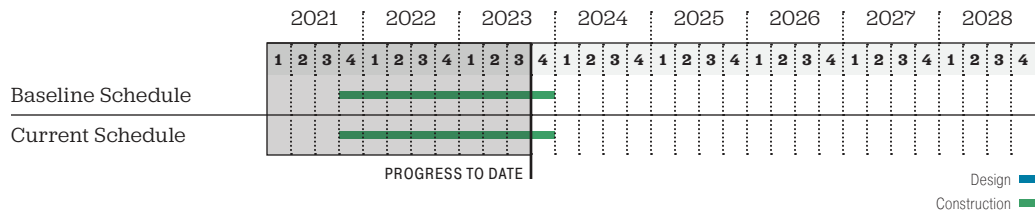
CURRENT PHASE—CONSTRUCTION

Project has reached substantial completion. Paving and site work nearly complete. Punch list has been developed and contractor working on punch list. The Combined Sewer Overflow (CSOs) legislative briefing and ribbon-cutting event is scheduled for November 17, 2023. <https://www.youtube.com/watch?v=7NF8zmVrAlg>

UPCOMING ACTIVITY

DATE	TASK
Nov 17, 2023	Combined Sewer Overflow legislative briefing and ribbon-cutting event
Spring 2024	Post Construction validation and flow monitoring

BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
\$137,585,000	\$124,914,218	\$13,397,764	90.26%





Grit Removal System Improvements

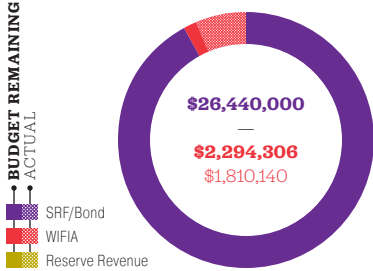
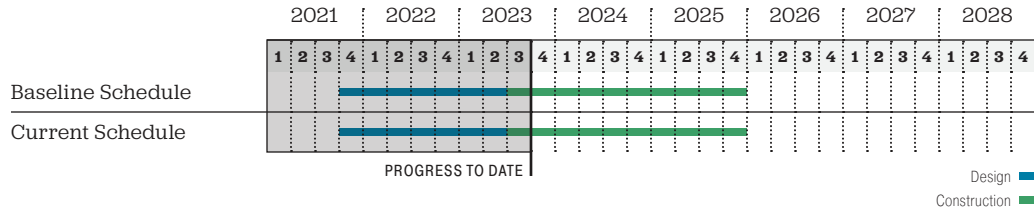
CURRENT PHASE—CONSTRUCTION

Contract has been executed for the Grit Removal System Improvements. The Notice to Proceed was signed August 17, 2023. The Contractor is currently prepping for mobilization. The Primary Clarifier Upgrades (SWSC Reference No. 001-0018) have been removed from the WIFIA Project.

UPCOMING ACTIVITY

DATE	TASK
Oct 2023	Mobilize to the Springfield Regional Wastewater Treatment Facility
Nov 2023	Setup temporary construction facilities

BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
\$28,724,306	\$1,810,140	\$26,914,167	6.30%



42" Transmission Main Energy Dissipation Valve & Raw Water Conveyance Redesign & Reconstruction

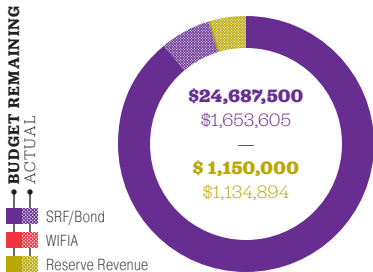
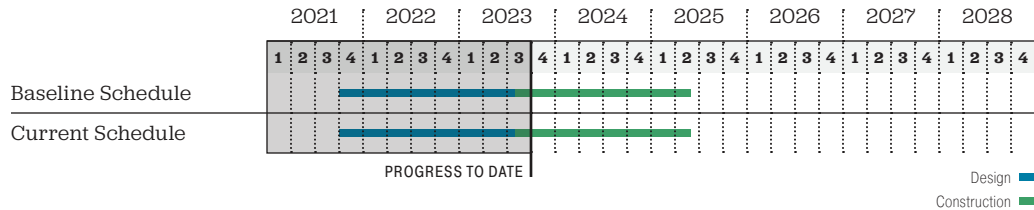
CURRENT PHASE—90% DESIGN

Springfield Water and Sewer Commission executed AECOM Amendment No. 3. Springfield Water and Sewer Commission received approval from the City of Westfield Conservation Commission and submitted permitting packages to DEP for approval. AECOM is working to combine 90% design into one complete 100% design package.

UPCOMING ACTIVITY

DATE	TASK
Oct 6, 2023	100% Design Submission
Nov 8, 2023	Advertise for bid
Jan 2, 2023	Start of Construction

BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
\$24,687,500	\$960,611	\$23,726,889	3.89%





Locust Transfer Structure

CURRENT PHASE—CONSTRUCTION

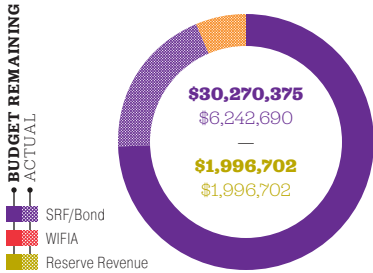
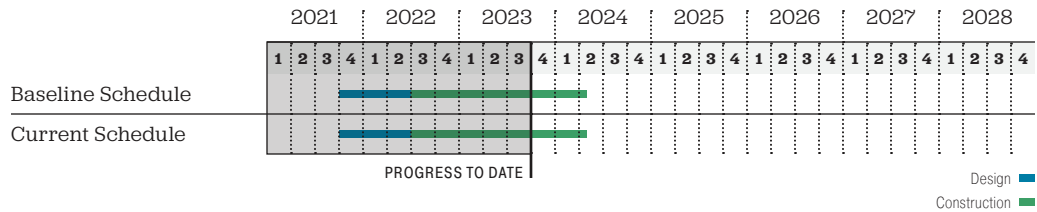
The combined sewer replacement on Locust and Main Street is approximately half installed. Micropiles for the valves at the interconnection to the Main Interceptor System are being installed. Support of excavation is being installed for installation of the stilling chamber at the Mill/Dickenson siphon location.

UPCOMING ACTIVITY

DATE	TASK
Oct 2023	Locust/Main Street Sewer Replacement
Nov 2023	Micropile installation at the SRA property for the MIS interconnection
Jan 8, 2024	Substantial Completion

BUDGETED COST BUDGET SPENT TO DATE REMAINING BUDGET PERCENT COMPLETE

\$32,267,077 **\$8,239,392** **\$24,027,685** **25.53%**



West Parish Filter Clearwell & Backwash Pumps Replacement

CURRENT PHASE—CONSTRUCTION

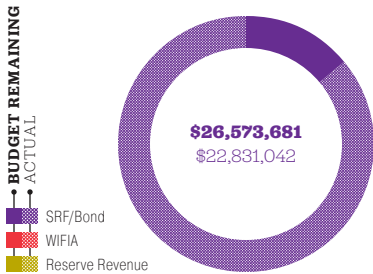
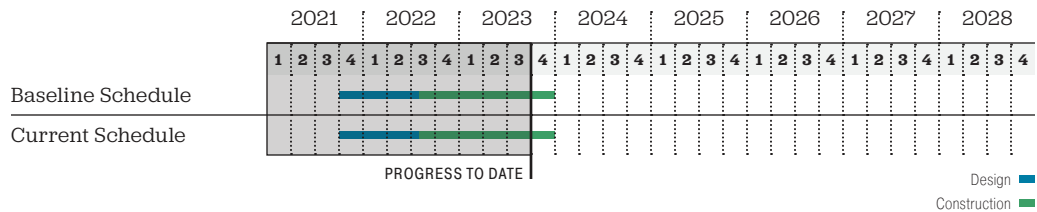
Executed Change Order No. 8 and No. 9 for the project. The Motor Control Center was received and installed. Currently, SWSC is preparing the facility for systems startup in next quarter.

UPCOMING ACTIVITY

DATE	TASK
Jun 30, 2023	Energize Pump Station
Sep 7, 2023	Project Complete

BUDGETED COST BUDGET SPENT TO DATE REMAINING BUDGET PERCENT COMPLETE

\$26,573,681 **\$22,831,042** **\$3,742,640** **85.92%**





Summary of Projects Placed Into Service

FY22 Water Distribution Improvements



The FY2022 Water Distribution Improvements Project was constructed to replace watermain on Massachusetts Avenue and Narragansett Street with new 8" and 6" ductile iron class 52 pipe. This work replaced approximately 3,600 linear feet within this area.

FY22 Sewer Improvements—Watershops Pond



The FY2022 Sewer Improvements Project was constructed to extend the useful life of the 42-inch South Branch Interceptor and manholes located along Watershops Pond through slope restoration, Cured In Place Pipelining (CIPP) and cementitious lining of over 3,000 feet of sanitary sewer pipe. Construction was substantially completed in June 2022 and final completion was issued in May 2023.

WPF Bulk Chemical & Chlorine Room Improvements

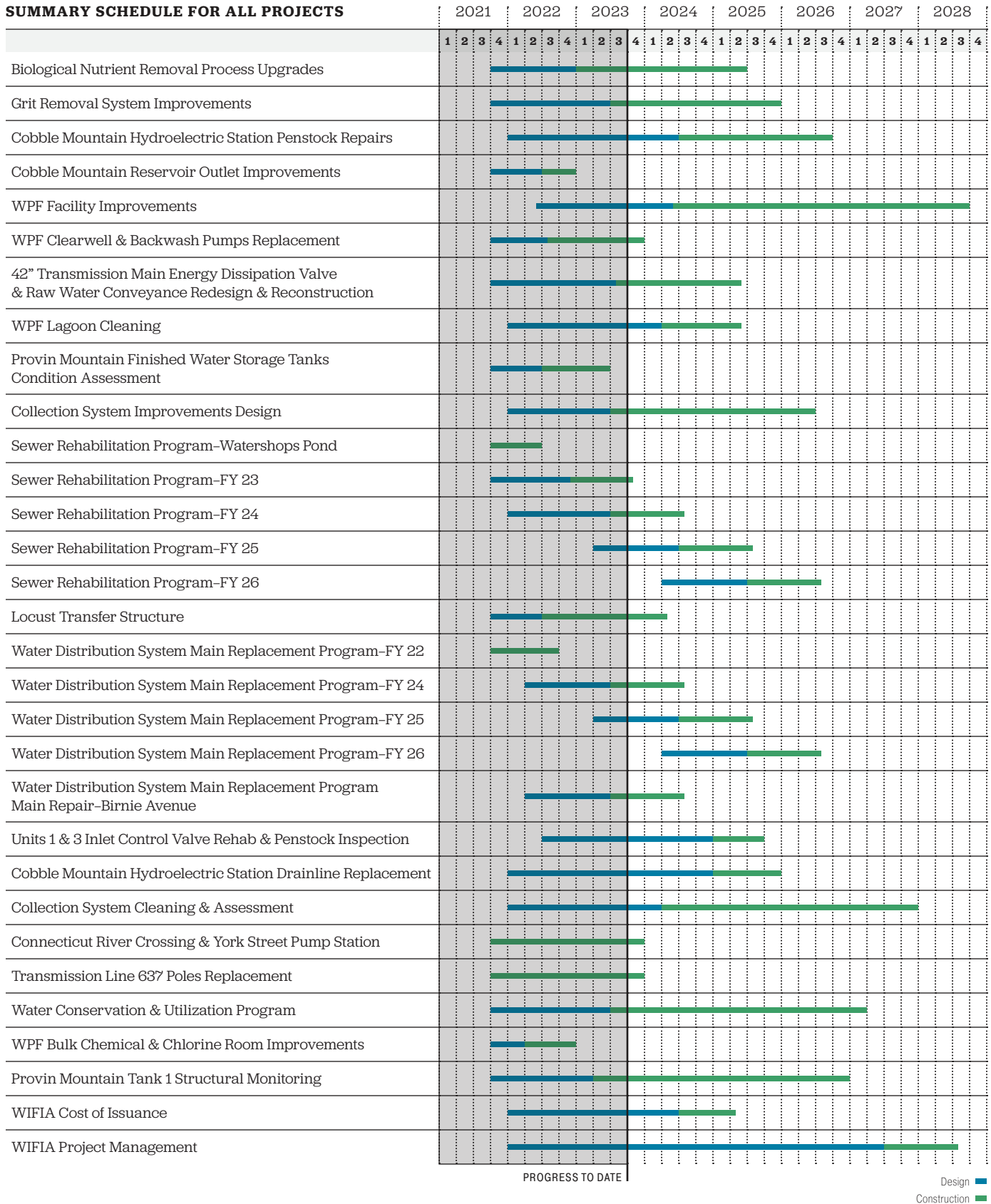


Following filtration, water is treated with chlorine to prevent waterborne illness caused by pathogens. To store chlorine and other materials, the Commission maintains a separate chemical storage facility at West Parish Filters Water Treatment Plant, with safety features and strict protocols to protect staff, as well as the surrounding community.

This project improved deficiencies in the existing chlorine storage and feed system and upgraded the storage of the primary coagulant at West Parish Filters. The new storage facility also has improved safety measures including sprinkler and fire protections.



WIFIA Program Schedule





Engineering Capital Projects Schedule

