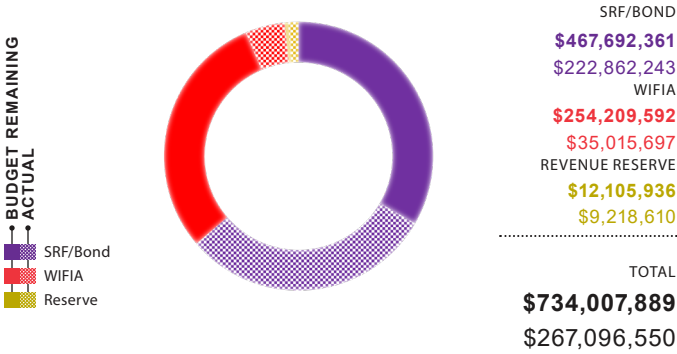




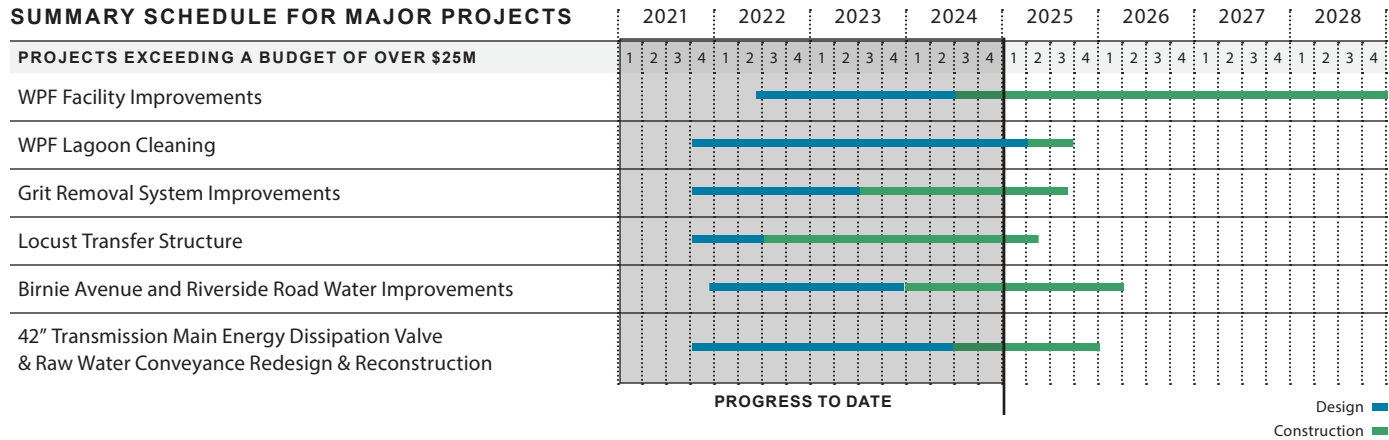
Overview

This quarterly report has been developed to provide an update on the Commission's WIFIA Program through December 31, 2024. Through the period, the Commission has expended \$267,096,550 of the WIFIA Loan Agreement. This amount is below the initial budgeted total spend at this time. Various ongoing construction projects have been experiencing delays. The main contributors to the variation in forecast are slower startup than anticipated for the West Parish Facilities Improvements, a schedule shift in the planned MIS connection with the Locust project (completed mid December), and the Birnie Avenue project being delayed to incorporate the Riverside Road Valve Rehabilitation. As can be seen in the total spend forecast, this workload and cashflow has shifted and an increased spend is anticipated in the last 3 years of the WIFIA Loan Agreement to reach the budgeted total cost. The primary spend in the second half of the WIFIA program will be the West Parish Filter Facility Improvements.

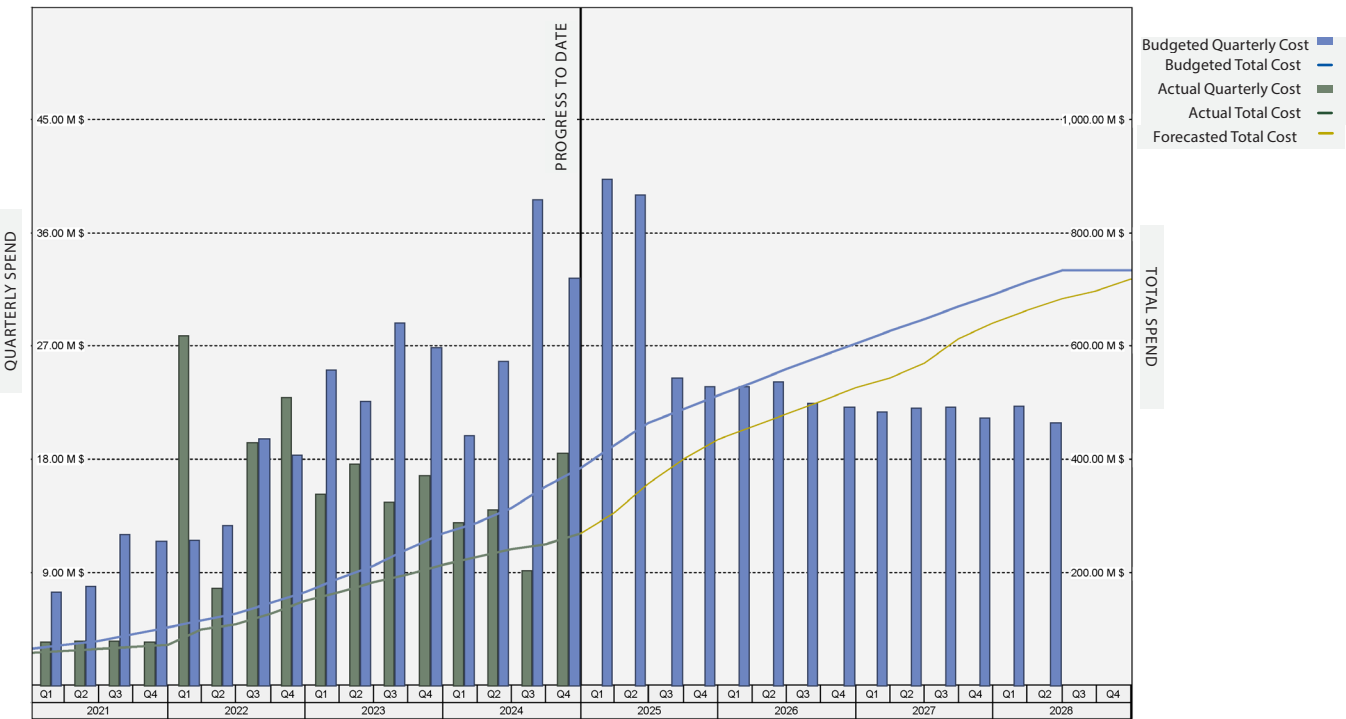
PROGRAM BUDGET & FUNDING SOURCES



SUMMARY SCHEDULE FOR MAJOR PROJECTS



WIFIA PROGRAM PLANNED VERSUS ACTUAL CUMULATIVE CASH FLOW





West Parish Filter Facility Improvements



Update: Walsh Construction mobilized to the site and began work on Bridge 4.

DESIGN	100%
CONSTRUCTION	5%

Grit Removal System Improvements



Update: Concrete work is ongoing for the grit vortex units. South side tank walls are being formed.

DESIGN	100%
CONSTRUCTION	32%

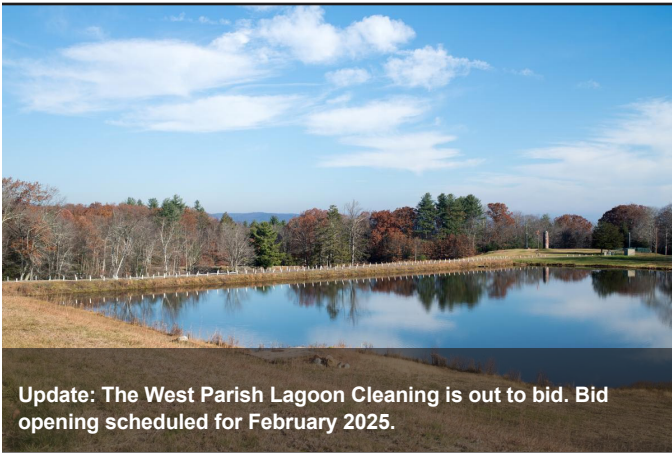
Locust Transfer Structure



Update: MIS tie in connection was completed in December 2024. Working to complete connection of the new 72" river crossing to the MIS and development of punchlist.

DESIGN	100%
CONSTRUCTION	70%

WPF Lagoon Cleaning



Update: The West Parish Lagoon Cleaning is out to bid. Bid opening scheduled for February 2025.

DESIGN	100%
CONSTRUCTION	0%

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



Update: Construction is progressing as planned. Working to install valve chamber foundation and preparing to install air release valve manholes along pipeline.

DESIGN	100%
CONSTRUCTION	6%

Birnie Avenue and Riverside Road Water Improvements



Update: Materials are procured for the Birnie Avenue work. Change order for emergency repair work at Riverside Road executed. This work is necessary prior to beginning shutdowns at Birnie Avenue.

DESIGN	100%
CONSTRUCTION	30%



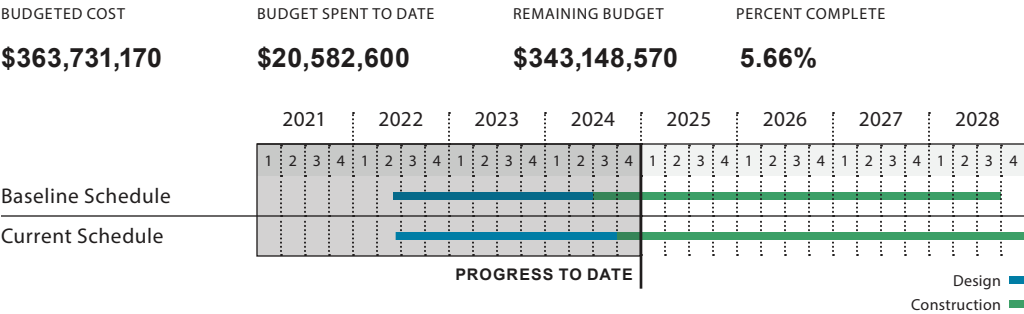
West Parish Filter Facility Improvements

CURRENT PHASE— CONSTRUCTION

Walsh Construction has mobilized to the site and has begun preliminary preparation work for tie-ins and site demolition. Construction mobilization, startup and procurement was slightly prolonged. Contractor schedule shows activities in next quarter which will get contract back on track with original construction schedule.

UPCOMING ACTIVITY

DATE	TASK
Q1 2025	Onsite bridge reinforcement
Q1 2025	Temporary water supply bypass tie ins
Q1 2025	Start of demolition of sand filters



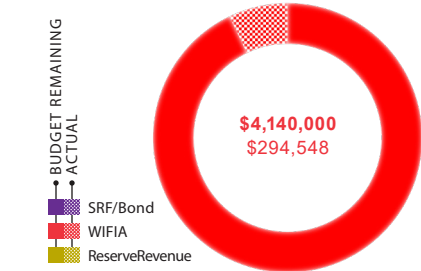
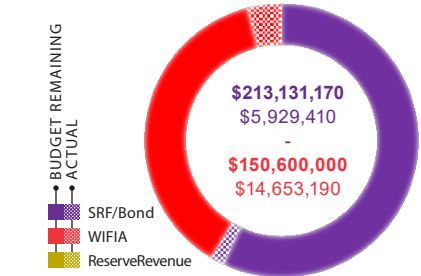
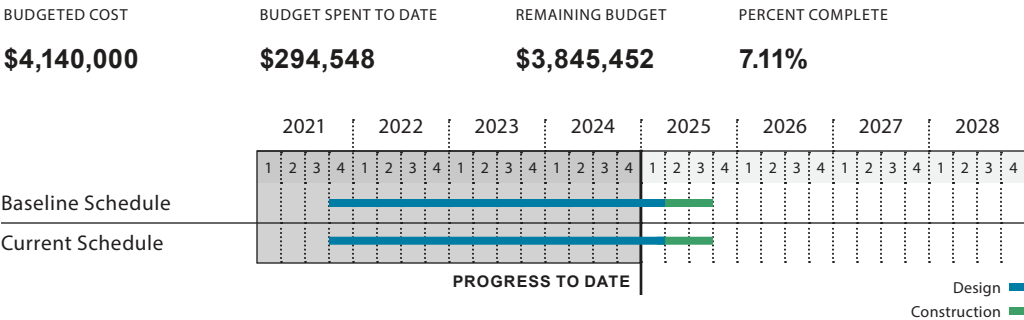
West Parish Facility Lagoon Cleaning

CURRENT PHASE— BID PHASE

Project is out to bid, with bid opening anticipated in Q1 of 2025. Permits were received from Westfield Conservation Commission as well as MEPA ENF decision.

UPCOMING ACTIVITY

DATE	TASK
Feb 2025	Bid opening
Q2 2025	Start of construction





Grit Removal System Improvements

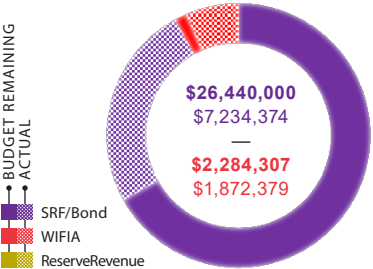
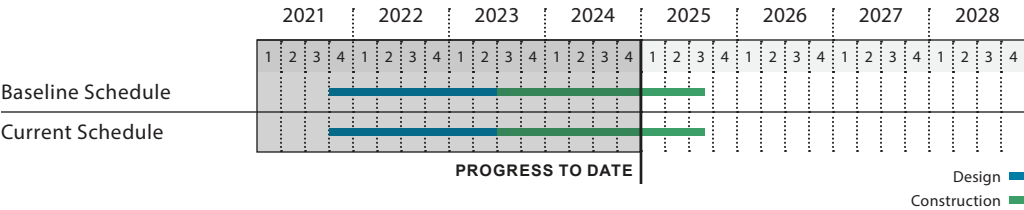
CURRENT PHASE—CONSTRUCTION

Basin foundations are complete and contractor is preparing for flow diversion. Contractor is forming the vortex unit walls and concrete work is ongoing. Stop logs and some process equipment have been fabricated and is arriving on site. Project is currently tracking behind schedule and a schedule extension is likely to be requested in the coming months.

UPCOMING ACTIVITY

DATE	TASK
Ongoing	Forming and placing grit vortex unit walls
Q1 2025	SRWTF to reduce capacity for phased work approach
Q2 2025	Finish half of the system. Transition flows to first half of the system that is completed

BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
\$28,724,307	\$9,106,753	\$19,617,554	31.70%



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

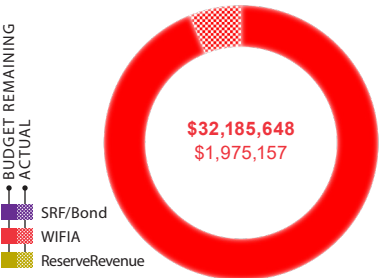
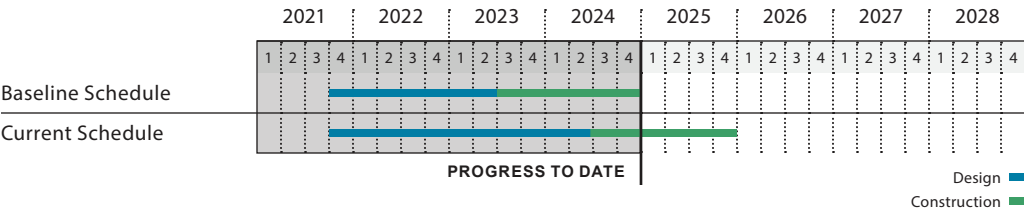
CURRENT PHASE—CONSTRUCTION

Contractor has mobilized to the site and completed preliminary pipeline inspection and manhole access work. In addition, demolition work is complete and the Contractor has begun work on the building foundation.

UPCOMING ACTIVITY

DATE	TASK
Q1 2025	Start to replace piping and manholes
Q2 2025	Energy dissipation valve chamber construction

BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
\$32,185,648	\$1,975,157	\$30,210,491	6.14%





Locust Transfer Structure

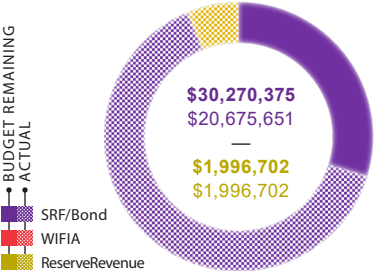
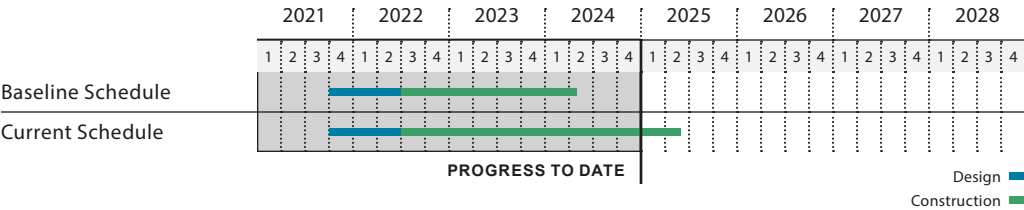
CURRENT PHASE—CONSTRUCTION

Significant milestone was reached in this quarter with primary tie-in work completed. Remaining work items including final connections of MIS diversion to the MIS transfer pipeline, which will achieve substantial completion for the project are anticipated to be completed in early 2025 due to material delays. Final completion is anticipated by early summer following completion of CCTV and cleaning of the MIS pipeline as well as punch list items.

UPCOMING ACTIVITY

DATE	TASK
Q1 2025	Work to complete the remaining work at the tie-in connection
Q1 2025	Clean and remove debris found within the MIS
Q2 2025	Final roadway striping and restoration of project areas

BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
\$32,267,077	\$22,672,353	\$9,594,724	70.26%



Birnie Avenue and Riverside Water Improvements

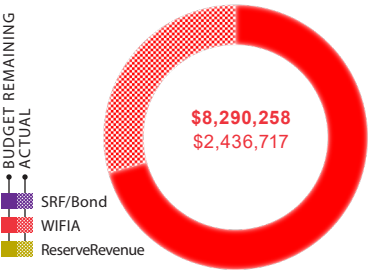
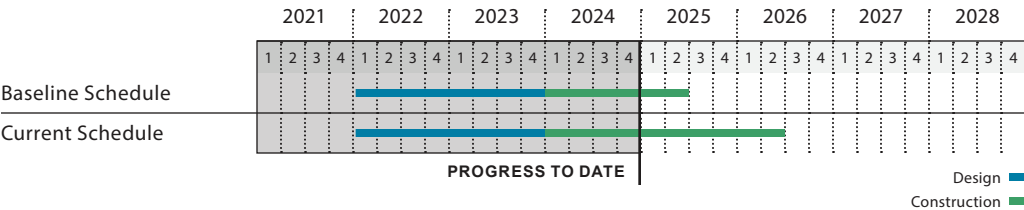
CURRENT PHASE—CONSTRUCTION

Preconstruction meeting for Riverside water improvements is slated for Q1 2025. Construction work at Riverside Road is anticipated to begin in early Q1 and continue through Q2 2025. Work at Birnie Avenue is anticipated to begin in late Q3 2025.

UPCOMING ACTIVITY

DATE	TASK
Q1 2025	Preconstruction Meeting
Jan 27, 2025	Riverside Road work zone

BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
\$8,290,258	\$2,436,717	\$5,853,541	29.39%





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.

FY23 Sewer Improvements



The FY23 Sewer Improvements Project performed various improvements throughout the Commission's Collection System including Court Square, Watershops Pond Siphon, Saint Michael's Cemetery, and Wilbraham Road.



Summary of Projects Placed Into Service

WPF Clearwell and Backwash Pumps Replacement *Placed into service December 16, 2023*



The WPF clearwell and backwash pumps replacement project replaced the underground clearwell structure from the 1920s and installed new backwash pumps at the treatment plant. This has improved water quality, energy efficiency and increased the system redundancy.

York Street Pump Station *Placed into service July 5, 2023*



The York Street Pump Station construction completes a culmination and cornerstone for years of planning, specifically through the Commission's Integrated Wastewater Plan (IWP). This project showcases climate resiliency through increased capacity; infrastructure renewal replacing the 1938 station which was near the end of its useful life; environmental protection reducing combined sewer overflows; and redundancy through three new pipes crossing the Connecticut River. This project is working through final closeout and is in negotiations with the general contractor regarding several work items.



Engineering Capital Projects Schedule

CAPITAL PLAN (PROJECTS >\$1M)	2021				2022				2023				2024				2025				2026				2027				2028			
	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Biological Nutrient Removal Process Upgrades																																
Grit Removal System Improvements																																
Cobble Mountain Hydroelectric Station Penstock Repairs																																
Cobble Mountain Reservoir Outlet Improvements																																
WPF Facility Improvements																																
WPF Clearwell & Backwash Pumps Replacement																																
42" Transmission Main Energy Dissipation Valve & Raw Water Conveyance Redesign & Reconstruction																																
WPF Lagoon Cleaning																																
Collection System Improvements Design																																
Sewer Rehabilitation Program—Watershops Pond																																
Sewer Rehabilitation Program—FY 23																																
Sewer Rehabilitation Program—FY 24																																
North Branch Sewer Separation																																
Sewer Rehabilitation Program—FY 27																																
Locust Transfer Structure																																
Water Distribution System Main Replacement Program—FY 22																																
Water Distribution System Main Replacement Program—FY 24																																
Water Distribution System Main Replacement Program Main Repair—Birnie Avenue																																
Collection System Cleaning & Assessment																																
Connecticut River Crossing & York Street Pump Station																																
Transmission Line 637 Poles Replacement																																
Water Conservation & Utilization Program																																
WPF Bulk Chemical & Chlorine Room Improvements																																

PROGRESS TO DATE

Design
Construction