

# SPRINGFIELD WATER & SEWER COMMISSION WIFIA PROGRAM QUARTERLY STATUS REPORT—Q1 2025

THROUGH MARCH 31, 2025



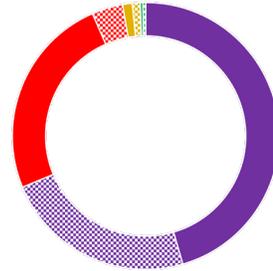
## Overview

This quarterly report has been developed to provide an update on the Commission's WIFIA Program through March 31, 2025. Through the period, the Commission has expended \$290,290,892 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, 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 Facility Improvements.

### PROGRAM BUDGET & FUNDING SOURCES

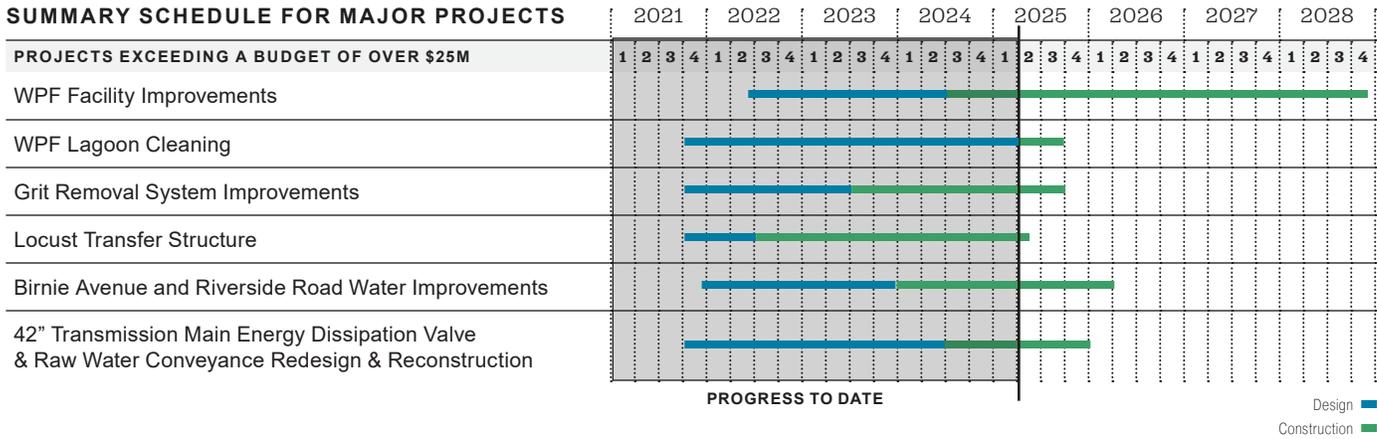
**BUDGET REMAINING**  
**ACTUAL**

- SRF/Bond
- WIFIA
- Reserve Revenue
- Grant/Insurance Proceeds

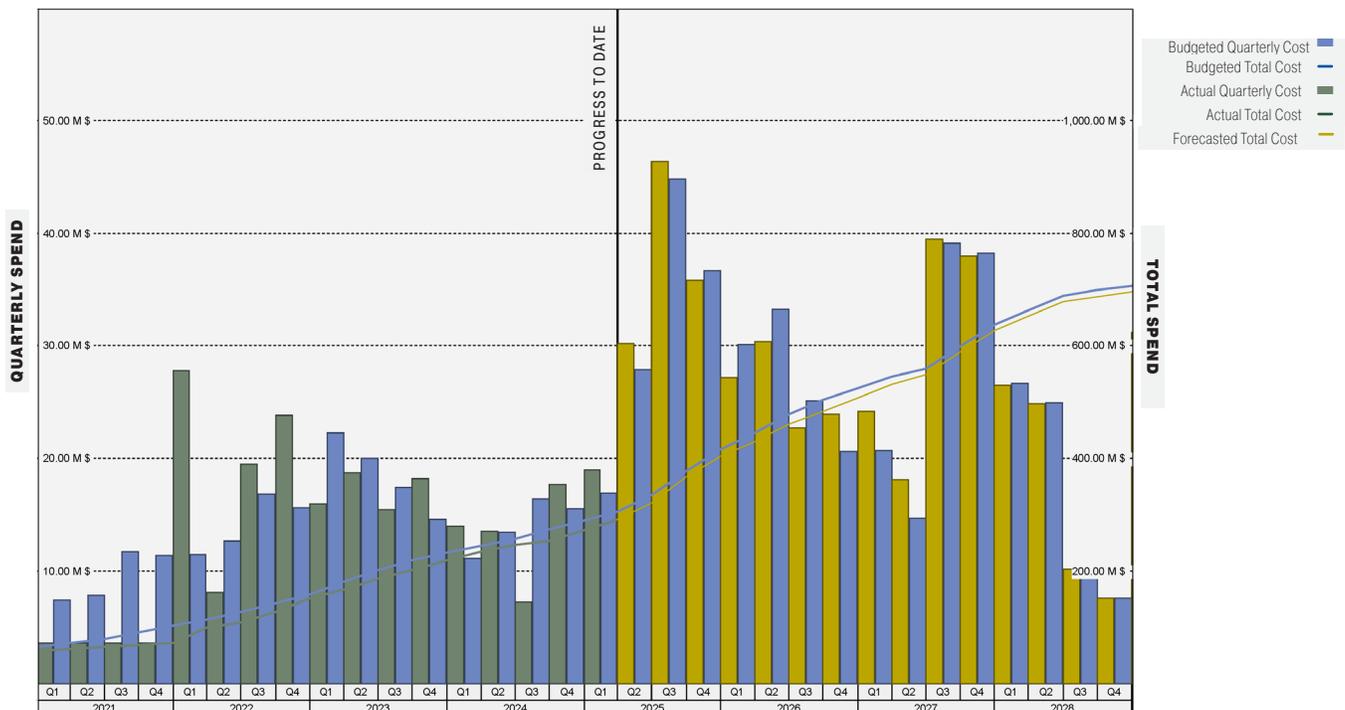


SRF/BOND	\$467,692,361
WIFIA	\$238,650,715
REVENUE RESERVE	\$12,105,936
OTHER	\$9,708,485
<b>TOTAL</b>	<b>\$737,449,063</b>
<b>ACTUAL</b>	<b>\$290,290,892</b>

### SUMMARY SCHEDULE FOR MAJOR PROJECTS



### WIFIA PROGRAM PLANNED VERSUS ACTUAL CUMULATIVE CASH FLOW

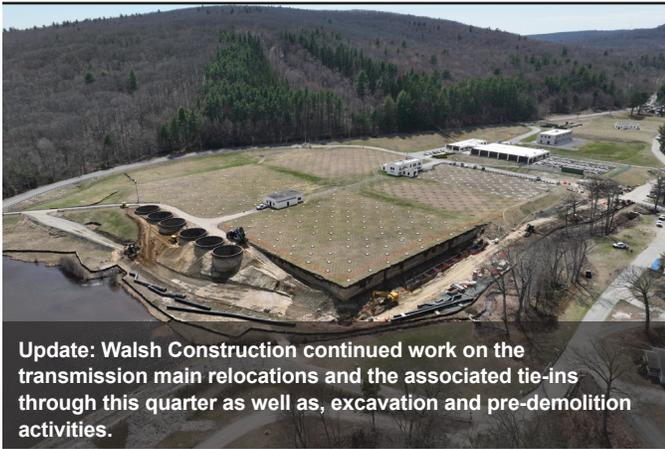


# SPRINGFIELD WATER & SEWER COMMISSION WIFA PROGRAM QUARTERLY STATUS REPORT—Q1 2025

THROUGH MARCH 31, 2025



## West Parish Filter Facility Improvements



Update: Walsh Construction continued work on the transmission main relocations and the associated tie-ins through this quarter as well as, excavation and pre-demolition activities.

DESIGN	100%
CONSTRUCTION	9%

## WPF Lagoon Cleaning



Update: The West Parish Lagoon Cleaning was awarded to the low bidder Synagro. Mobilization anticipated next quarter.

DESIGN	100%
CONSTRUCTION	0%

## Grit Removal System Improvements



Update: The north and south basin walls have been poured. Concrete work is ongoing for the tanks and connections to the channels.

DESIGN	100%
CONSTRUCTION	45%

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



Update: Equalization tank and vault base slabs have been poured. Work on pipeline has begun with installation of new pipe sections for manholes.

DESIGN	100%
CONSTRUCTION	23%

## Locust Transfer Structure



Update: The project is near substantial completion and working to develop and complete punchlist.

DESIGN	100%
CONSTRUCTION	87%

## Birnie Avenue and Riverside Road Water Improvements



Update: Riverside Road work is approximately 80% complete and anticipated to be complete next quarter. Birnie Avenue work anticipated to commence in Q4 2025.

DESIGN	100%
CONSTRUCTION	36%



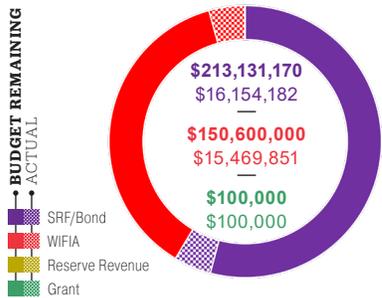
## West Parish Filter Facility Improvements

CURRENT PHASE— CONSTRUCTION

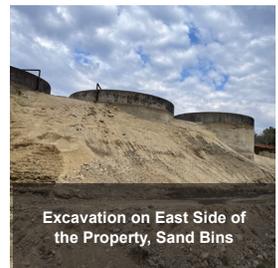
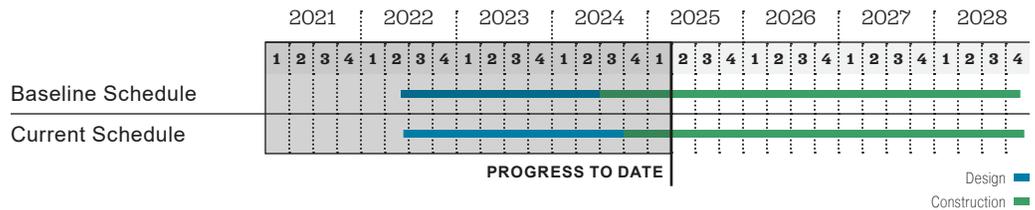
Walsh Construction has completed tie-in No. 2 work requiring flow restrictions. The contractor has begun excavations for the access road to the demolition area. The contractor has also started excavations for tie-ins 1, 3, and 4 which is anticipated to be complete in Q2 2025. Contractor has been working six days a week to keep the project schedule on track with the goal to achieve final completion by November 24, 2028.

### UPCOMING ACTIVITY

DATE	TASK
Q2 2025	Complete piping relocations and associated tie-in work
Q2 2025	Abatement work to begin on structures to be demolished
Q3 2025	Slow sand filter demolition

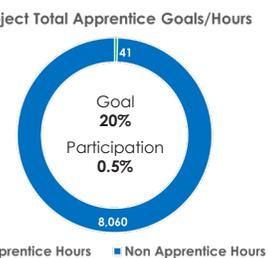
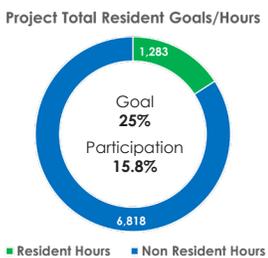
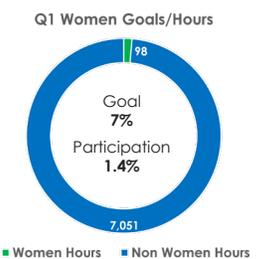
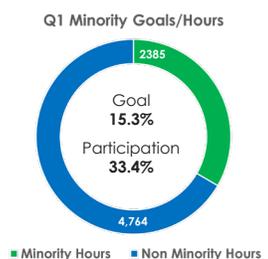
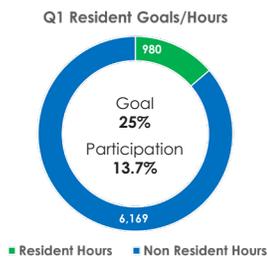


BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
\$363,831,170	\$31,724,033	\$332,107,138	8.72%



## Workforce Participation

Workforce participation this quarter and in total for the project is shown below. At the end of Q1 2025: Resident participation is 9.2% behind project goals; Minority Participation is 15.7% ahead of project goals; Apprentice Participation is 19.5% behind project goals; Women Participation is 5.8% behind project goals. The project is in early startup phases and additional efforts are being made to meet these goals including outreach letters to several institutes, unions, and hiring agencies. Walsh is also making efforts to attend community outreach events to increase resident participation. At this time project work consists primarily of site and utility construction, which does not typically include scope of work involving apprentice type workforce. It is anticipated that apprenticeship workforce will increase as building demolition and construction commences.





### West Parish Facility Lagoon Cleaning

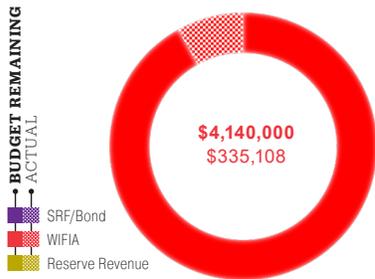
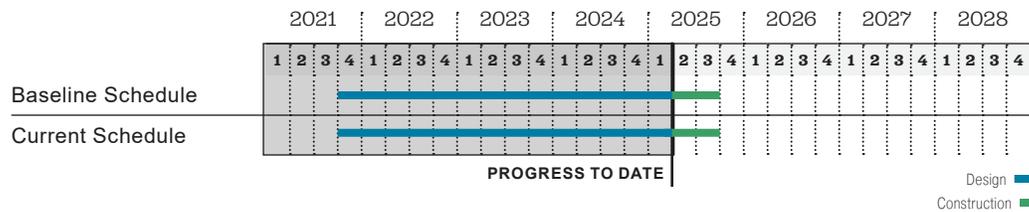
**CURRENT PHASE**—CONSTRUCTION KICKOFF

Synagro was awarded the construction contract. Anticipate executing construction services contract with Brown & Caldwell next quarter. Synagro is anticipated to mobilize for the residuals removal operations next quarter.

#### UPCOMING ACTIVITY

DATE	TASK
Q2 2025	Start of construction

BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
<b>\$4,140,000</b>	<b>\$335,108</b>	<b>\$3,803,517</b>	<b>8.09%</b>



### Grit Removal System Improvements

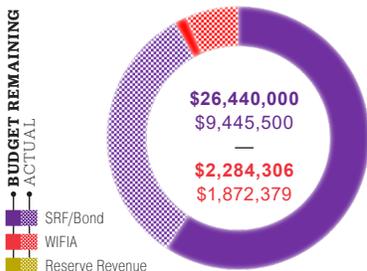
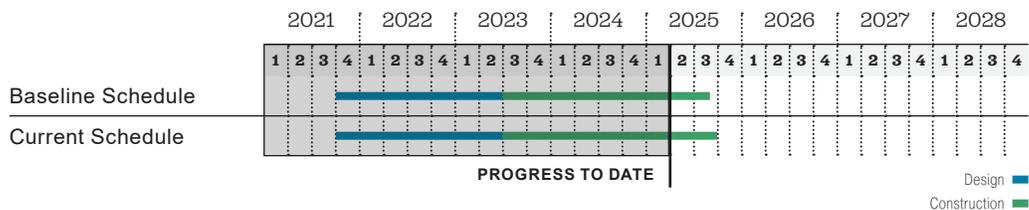
**CURRENT PHASE**—CONSTRUCTION

The grit vortex unit walls and tops have been poured. The contractor is forming the inlet channels and connection to the existing channels that are isolated. The project is currently tracking 8 months behind schedule and a schedule extension is likely to be requested next quarter.

#### UPCOMING ACTIVITY

DATE	TASK
Ongoing	Forming and placing grit inlet channels base slabs and walls
Q2 2025	Demolish existing grit classifier #2
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
<b>\$28,724,306</b>	<b>\$11,317,879</b>	<b>\$17,406,427</b>	<b>39.40%</b>





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

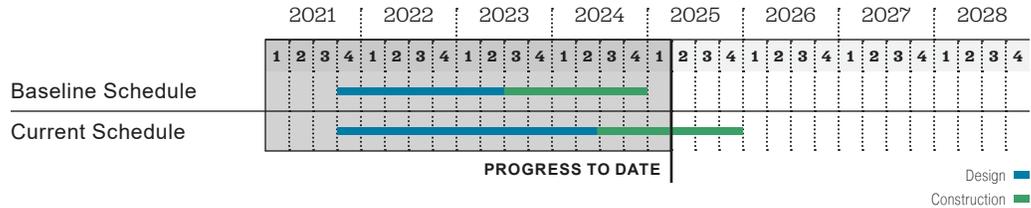
### CURRENT PHASE—CONSTRUCTION

The Equalization tank and vault base slabs have been poured. Work on the pipeline has begun with installation of new pipe sections for manholes. Due to material delays, Contractor is anticipating a schedule slippage of approximately 3 months and a schedule extension is likely to be requested next quarter.

### 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
<b>\$35,526,821</b>	<b>\$7,194,960</b>	<b>\$28,331,561</b>	<b>20.25%</b>



## Locust Transfer Structure

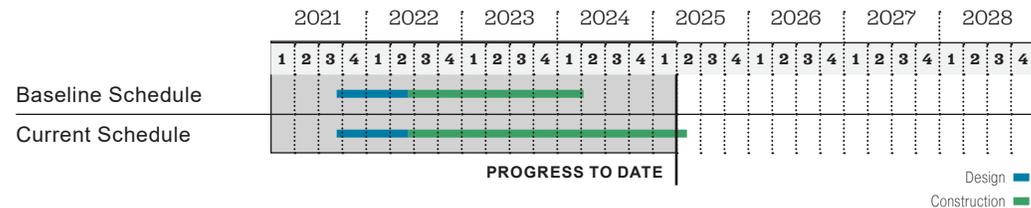
### CURRENT PHASE—CONSTRUCTION

The contractor has reached substantial completion and is working to complete remaining punchlist items.

### UPCOMING ACTIVITY

DATE	TASK
Q1 2025	Work to complete the remaining work at the tie-in connection
Q2 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
<b>\$32,267,077</b>	<b>\$26,169,392</b>	<b>\$6,097,685</b>	<b>81.10%</b>





## Birnie Avenue and Riverside Water Improvements

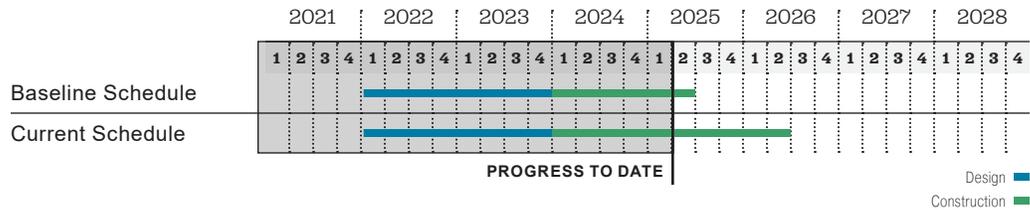
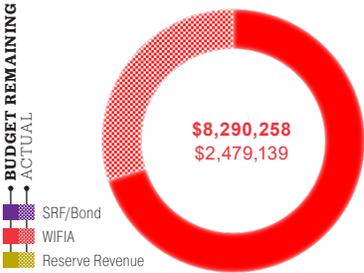
### CURRENT PHASE—CONSTRUCTION

Riverside Road work is 80% complete and is anticipated for completion in Q2 2025. Work at Birnie Avenue location is anticipated to begin in Q4 of 2025 and to be completed in 2026.

### UPCOMING ACTIVITY

DATE	TASK
Q2 2025	Complete Riverside Road work
Q4 2025	Begin Birnie Avenue work

BUDGETED COST	BUDGET SPENT TO DATE	REMAINING BUDGET	PERCENT COMPLETE
<b>\$8,290,258</b>	<b>\$2,479,139</b>	<b>\$5,811,119</b>	<b>29.90%</b>





## Summary of Projects Placed Into Service

### FY22 Water Distribution Improvements

*Placed into service: September 30, 2022*

*Original substantial completion date: September 16, 2021*



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

*Placed into service: May 12, 2022*

*Original substantial completion date: May 20, 2022*



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

*Placed into service: December 31, 2022*

*Original substantial completion date: August 20, 2022*



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

*Placed into service: October 15, 2023*

*Original substantial completion date: December 7, 2022*



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*

*Original substantial completion date: February 14, 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*

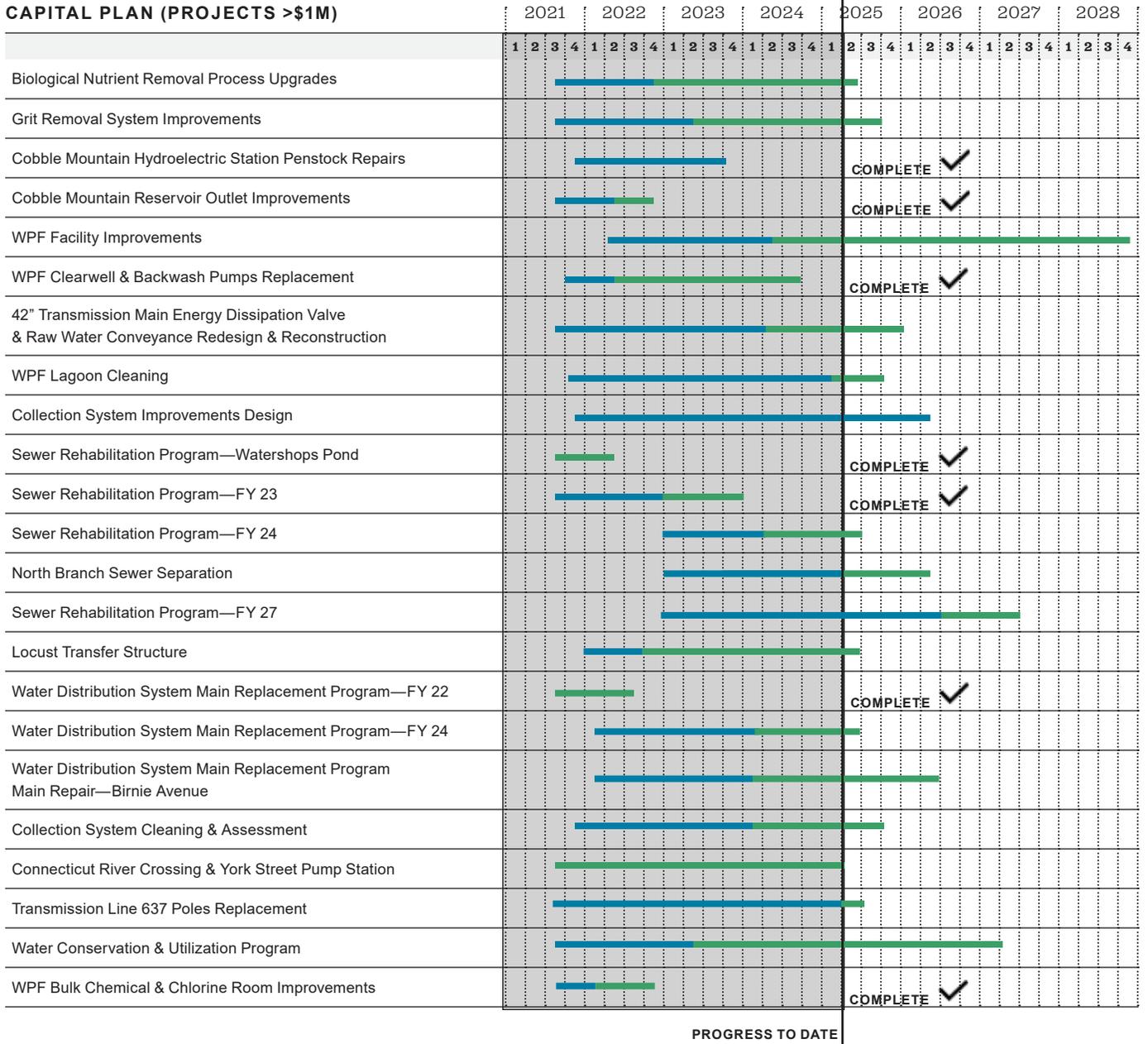
*Original substantial completion date: April 29, 2022*



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



Design ■  
 Construction ■