

City Council/AlexRenew Board CSO Subcommittee/Workgroup

Meeting No. 18

April 19, 2023



Recap from January Meeting

- Provided a summary of noise variances with the City of Alexandria
- Tunnel Project Update
- Community Outreach Update

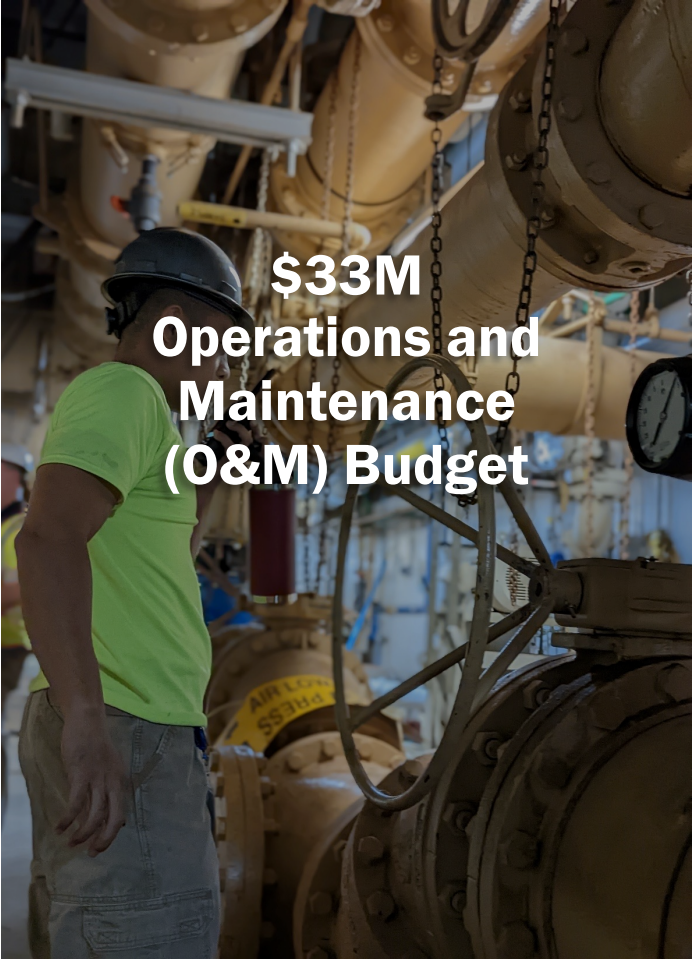
Tonight's Presentation

- Proposed FY2024 and FY2025 Rate Adjustment to Support RiverRenew
- Tunnel Project Update
 - Schedule update
 - Budget update
 - Progress update
- Community Outreach Update
 - Historical Signage
 - Tunnel Tours

An aerial photograph of a wastewater treatment plant. In the foreground, there are several large rectangular aeration basins with metal walkways and railings. To the left, a large white cylindrical tank is visible. In the background, a construction site is active with a tall yellow crane and other equipment. Beyond the plant, a dense urban area with various buildings and a prominent tower with a spire is visible under a clear sky.

Proposed FY2024 and FY2025 Rate Adjustment to Support RiverRenew

Overview of AlexRenew's FY2024 budget.



Operation of utility and routine maintenance to efficiently and effectively achieve our mission

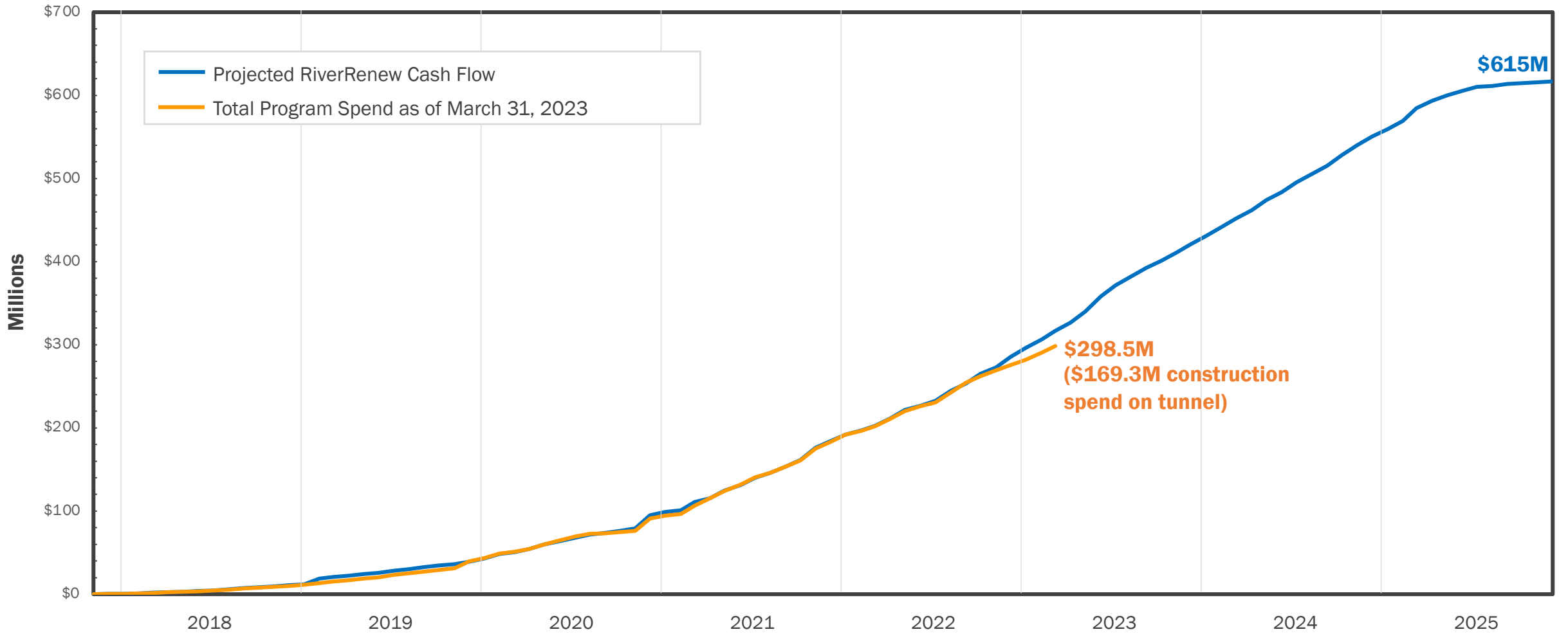


Projects that improve, renew, or replace existing assets for unit processes, facilities, business support, and infrastructure

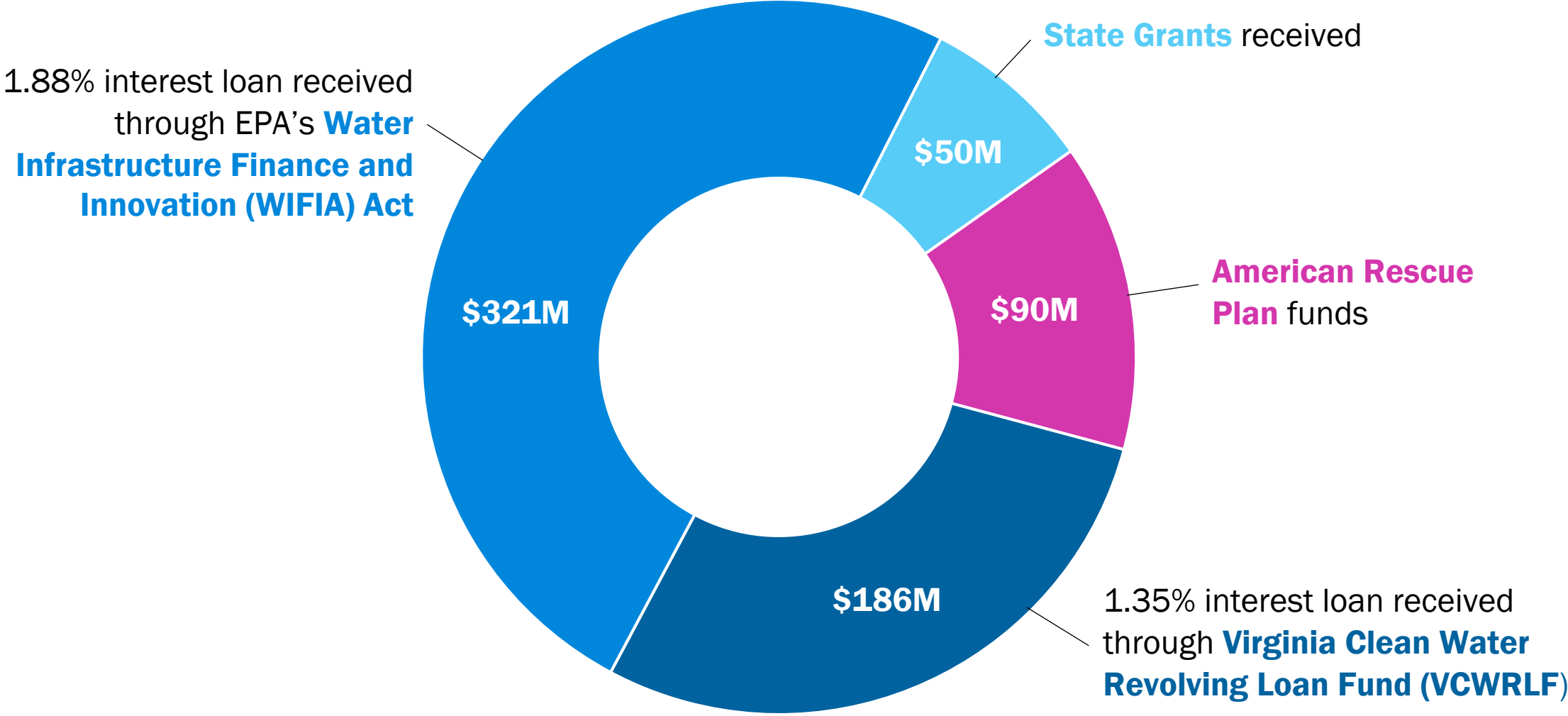


Major non-recurring projects that add to or replace existing unit processes, facilities, business support, and infrastructure

RiverRenew program cash flow.






The project is largely funded from clean water loans through EPA and the Commonwealth.



AlexRenew is proposing a rate adjustment for the next two fiscal years to support RiverRenew.

Adopted Two-Year Rate Adjustment	Fiscal Year	Beginning on:	Maximum Rate Adjustment
	2024	July 1, 2023	5.4% (\$2.71)*
	2025	July 1, 2024	5.1% (\$2.72)*

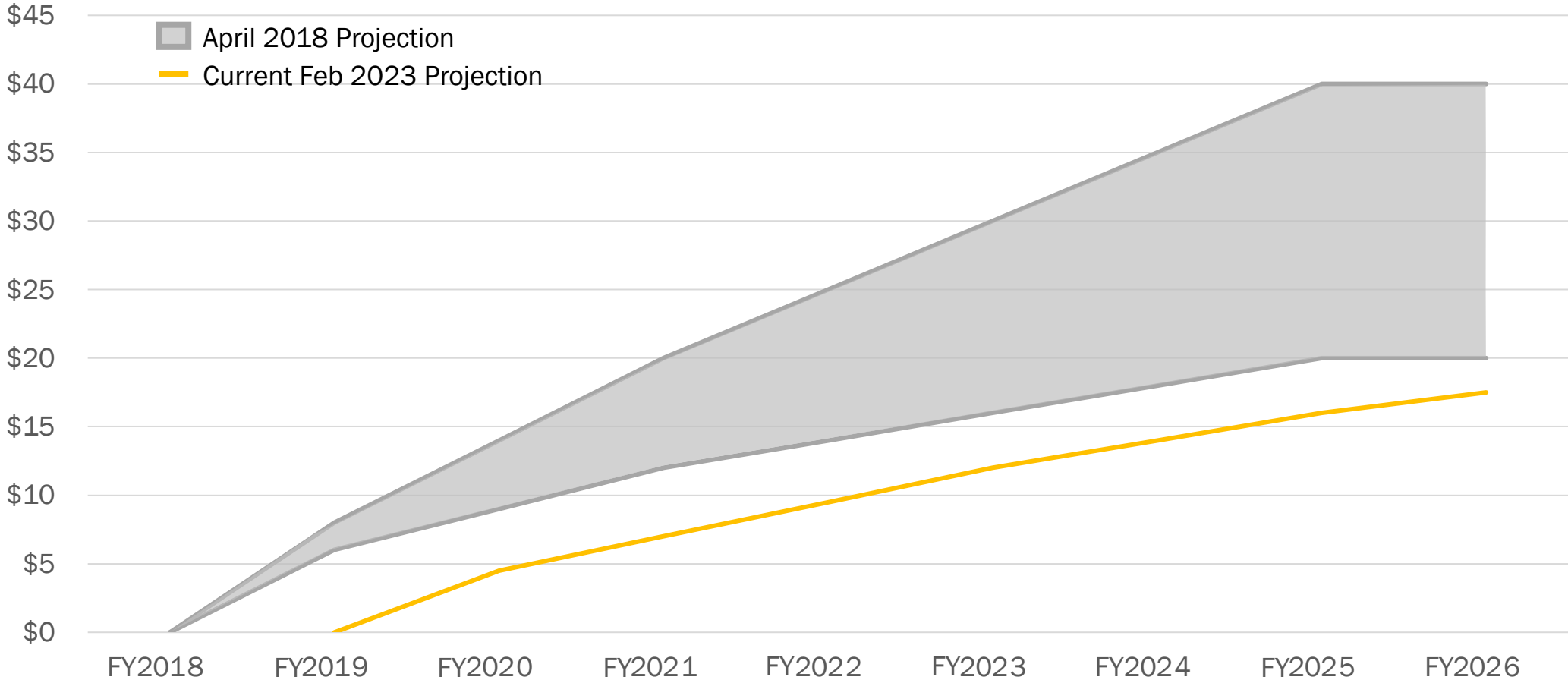
Benefits of a Two Year-Year Rate Adjustment:

-  Promotes revenue predictability and stability
-  Allows for adjustment of rates as conditions evolve
-  Provides certainty for CIP funding (RiverRenew spending peaks)

* Estimated monthly increase for average residential customer using 4,000 gallons/month

Current RiverRenew fee projections are lower than originally estimated.

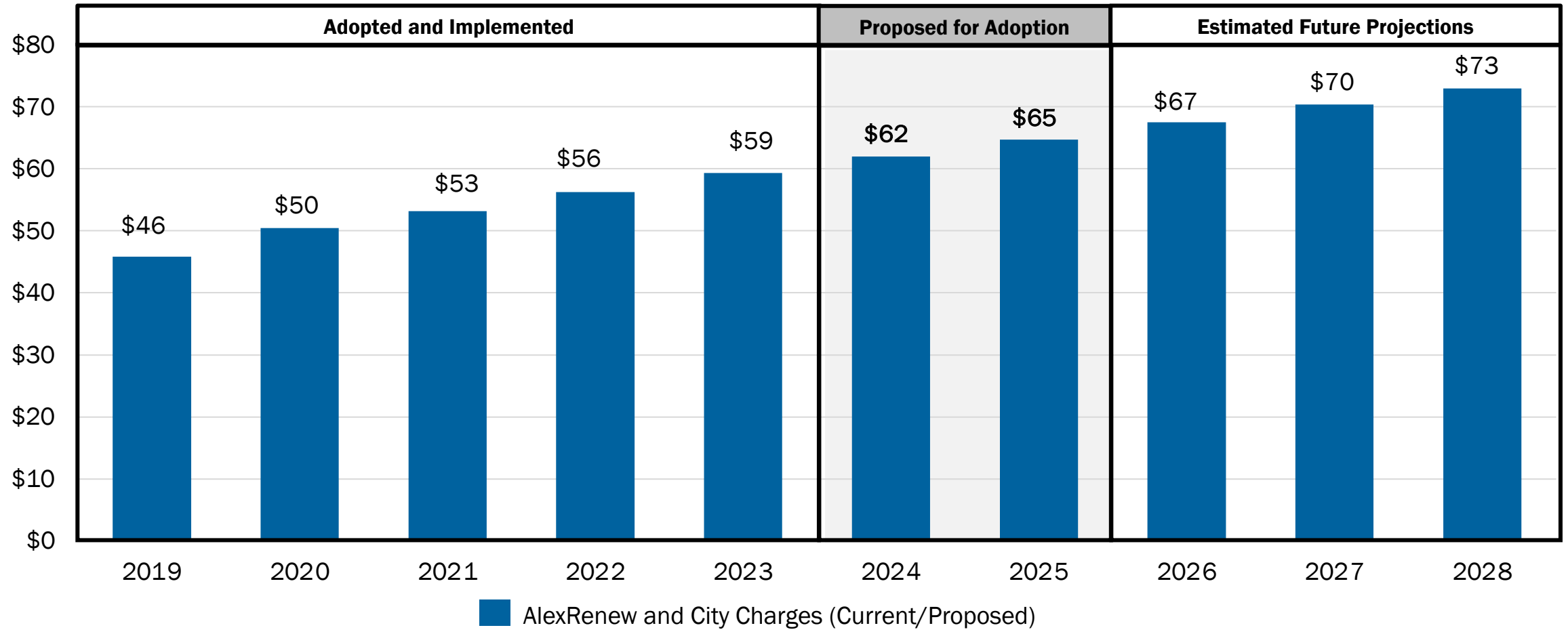
Incremental Bill Impacts from RiverRenew



NOTE: Based on 4,000 gallons consumption, excluding City charge

FY2024-25 rate recommendation and estimated future projections.

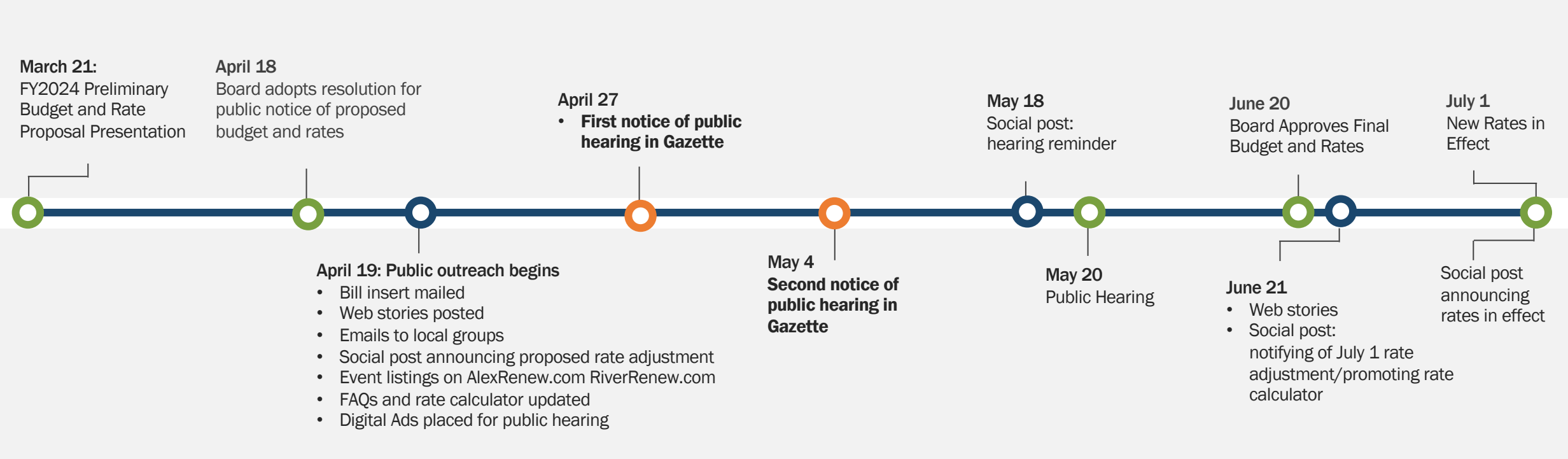
Monthly Wastewater and City Sewer Residential Bill at 4,000 Gallons (1)



¹ Based on 4,000 gallons consumption, including estimated City charge as of January 2023

Community outreach timeline in support of FY2024 budget and rate adjustment.

- Budget and Rate Actions/Events
- Community Outreach
- Required Public Notice





Tunnel Project Update

Tunnel segments loaded onto multi-service vehicle (MSV)

The Tunnel Project is currently 60 days behind schedule as a result of the following delays:



December 2021

COVID-19 outbreak in TBM factory delayed manufacturing

Four-week delay



January 2022

Concrete shortage for shaft slurry walls due to COVID-19 related impacts to supply chain

Six-week delay



February 2022

Shipment delayed from Germany to the U.S. due to war in Ukraine

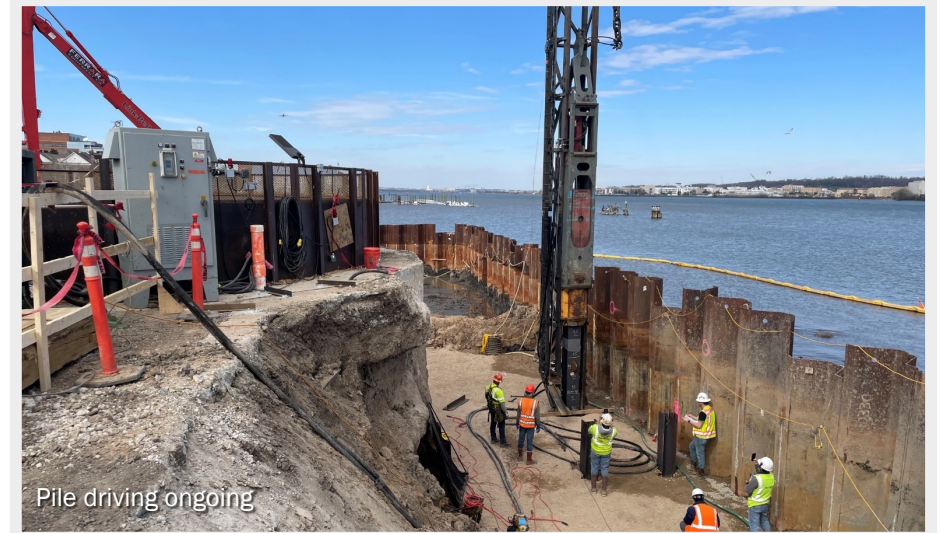
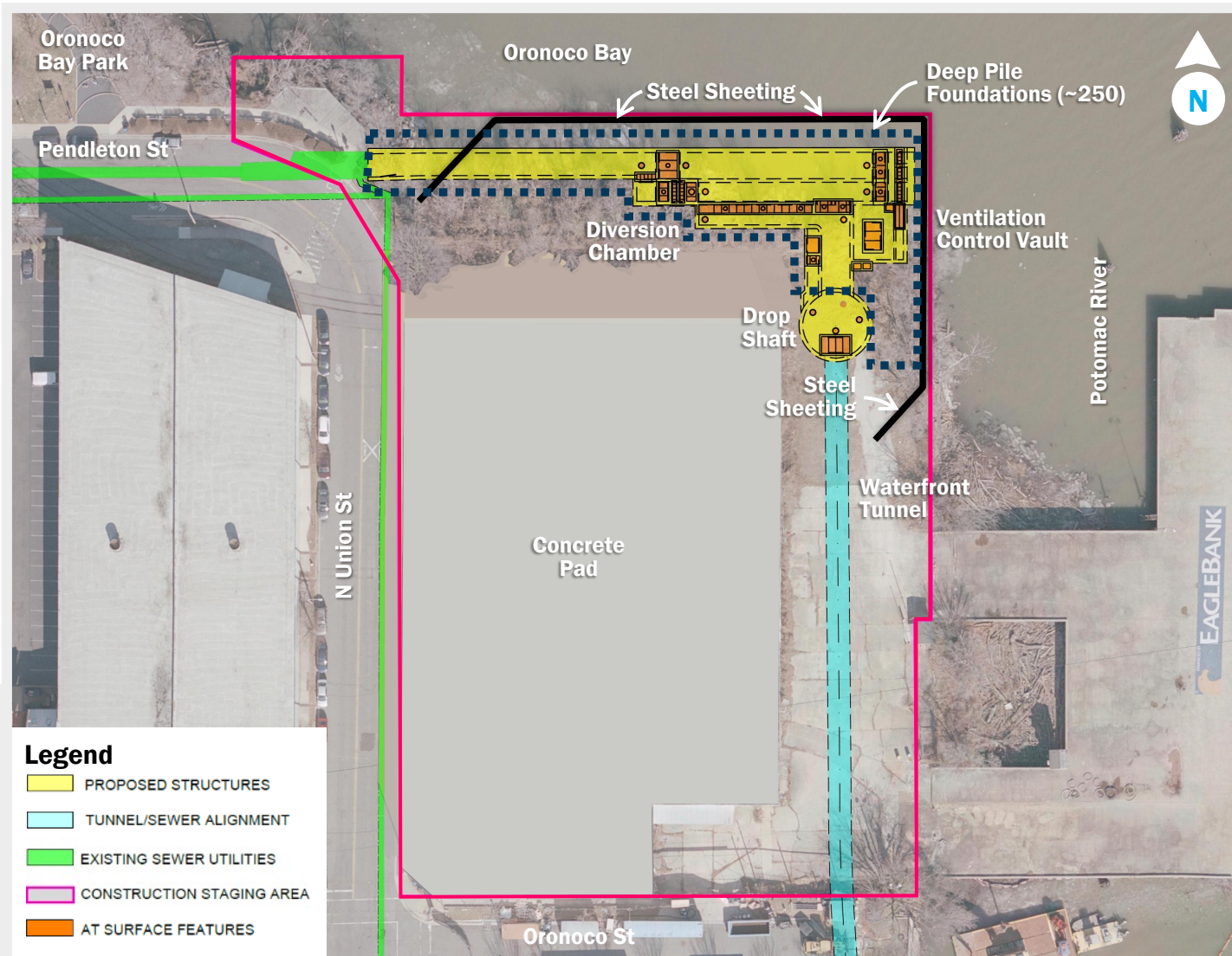
Four-week delay

Summary of RiverRenew Tunnel Project noise variances permitted by the City of Alexandria.

Site	Activity	Noise variance	Hauling	Dates
Pendleton Street	Shaft excavation	6 a.m. – 6 p.m. (Mon-Fri)	7 a.m. – 6 p.m. (Mon-Fri)	Mar 2023 – Sep 2023
	TBM removal	24/7	7 a.m. – 6 p.m. (Mon-Fri)	Oct 2023 – Dec 2023
AlexRenew	Tunnel construction	24/7	7 a.m. – 6 p.m. (Mon-Fri)	Aug 2022 – Oct 2023

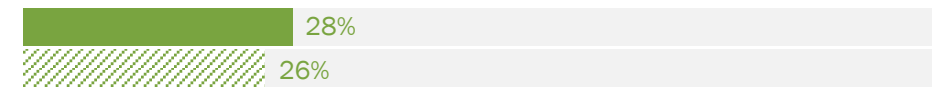


Pendleton Street Site construction update.



Construction Progress

■ Actual ▨ Planned As of Mar 31, 2023



Nov 2024 ▲

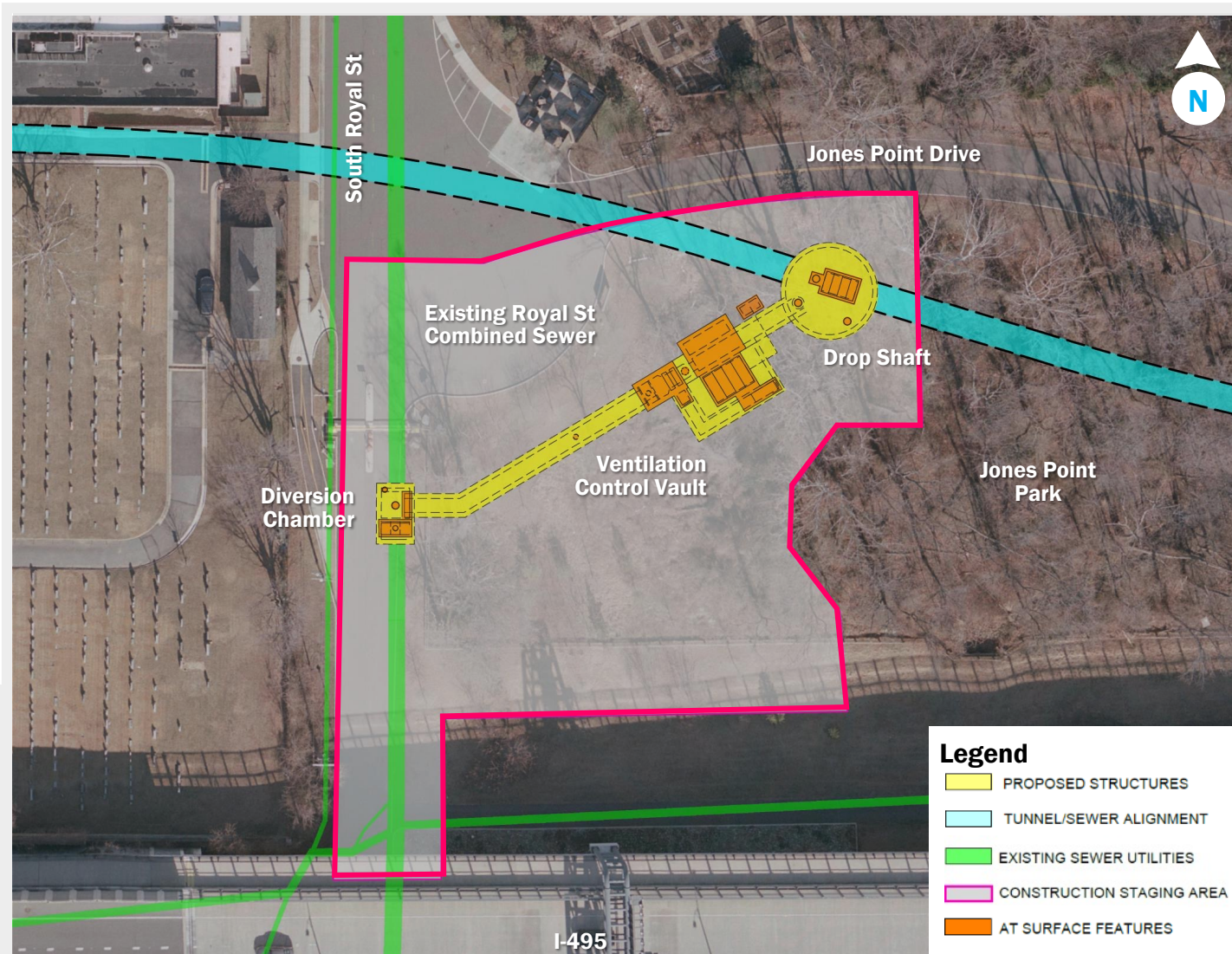
Major Activities

- Shaft excavation completed
- Pile driving ongoing

Pile driving at the Pendleton Street Site is ongoing and anticipated to last through mid-summer.

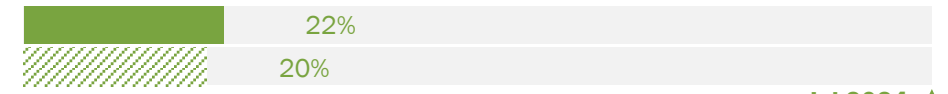


Royal Street Site construction update.



Construction Progress

■ Actual ▨ Planned As of Mar 31, 2023

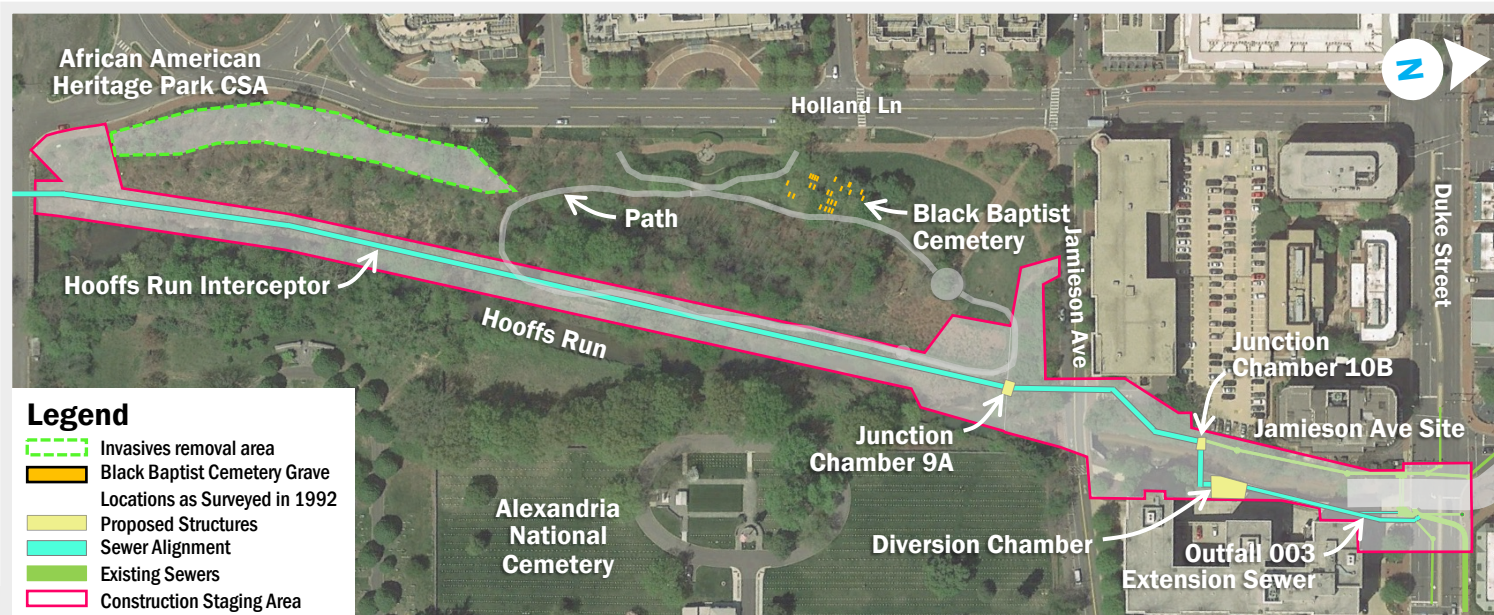


Jul 2024 ▲

Major Activities

- Near surface structure support of excavation complete
- Preparing site and equipment for permanent concrete structure foundations

Hooffs Run Interceptor construction update.



Construction Progress

■ Actual ▨ Planned

As of Mar 31, 2023



Apr 2024 ▲

Major Activities

- Jamieson Ave Site diversion chamber and Outfall 003 extension sewer construction ongoing
- Marriott driveway reopened
- African American Heritage Park Site manhole construction ongoing



◀ African American Heritage Park Site



◀ Jamieson Avenue Site

Jamieson Ave full road closure is anticipated to start in Fall 2023 and last for three months.



Signage and Printed Materials

Electronic Message Board
Flyer



Community Mtgs

Council-Board Workgroup
RiverRenew Stakeholder Advisory Group



Local Businesses and Groups

AVR, Public Storage,
Daycares, Shiloh Baptist Church, BPAC, Gated Community



Digital

RiverRenew.com
Social Media
RiverRenewer

Heads Up!

Road Closure on Jamieson Avenue



To prevent combined sewage from polluting and harming local waterways, RiverRenew crews must upgrade the Hooffs Run Interceptor at our construction sites north of Jamieson Avenue and within African American Heritage Park.

RiverRenew crews must fully close Jamieson Avenue to through pedestrian and vehicular traffic while they work to connect these two areas. This activity is anticipated to start in Fall 2023 and last for three months.

What you can expect:

- 24/7 closure of both the Jamieson Ave roadway and sidewalk (see map below)
- Detour signs re-routing vehicular, bicycle, and pedestrian traffic
- Fencing and barriers across Jamieson Ave
- Uninterrupted access to businesses along Jamieson Ave



DETOUR LEGEND

- Green line: Vehicle and Pedestrian Detour
- Orange dashed line: Vehicle and Pedestrian Local Traffic Only
- Red dashed line: Road & Sidewalk Closed
- Red solid line: Sidewalk Closed

Thank you for your patience as we build toward healthier waterways for Alexandria.

Questions? Email us at askriverrenew@alexrenew.com or call our construction hotline at 1.800.234.6592



Detours for Bicyclists

Alexandria's cyclists regularly pass through Jamieson Avenue on their routes. To accommodate these travellers, the City of Alexandria has approved the following detours to keep everyone moving while maintaining authorized bike routes.

WEST from S. West Street:

- Travel North on S. West St.
- Turn left on Cameron St.
- Turn left on Daingerfield Rd.
- Turn right on Diagonal Rd.
- Head straight across Duke St.
- Turn right to continue to Jamieson Ave.

EAST from Holland Lane:

- Turn left on Jamieson Ave.
- Travel around John Carlyle Sq.
- Turn right on Dulaney St.
- Head straight across Duke St.
- Bear right on Diagonal Rd.
- Turn right on Daingerfield Rd.
- Turn left on Prince St.
- Turn right on S West Street to continue to Jamieson Ave.



DETOUR LEGEND

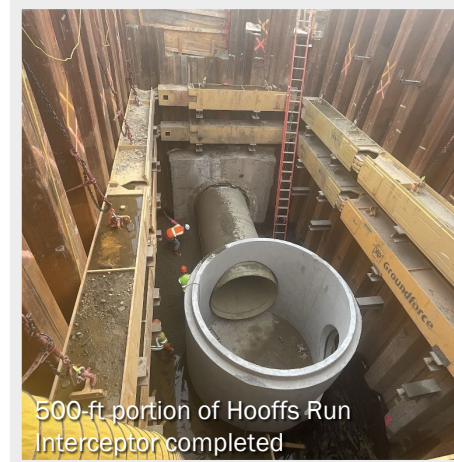
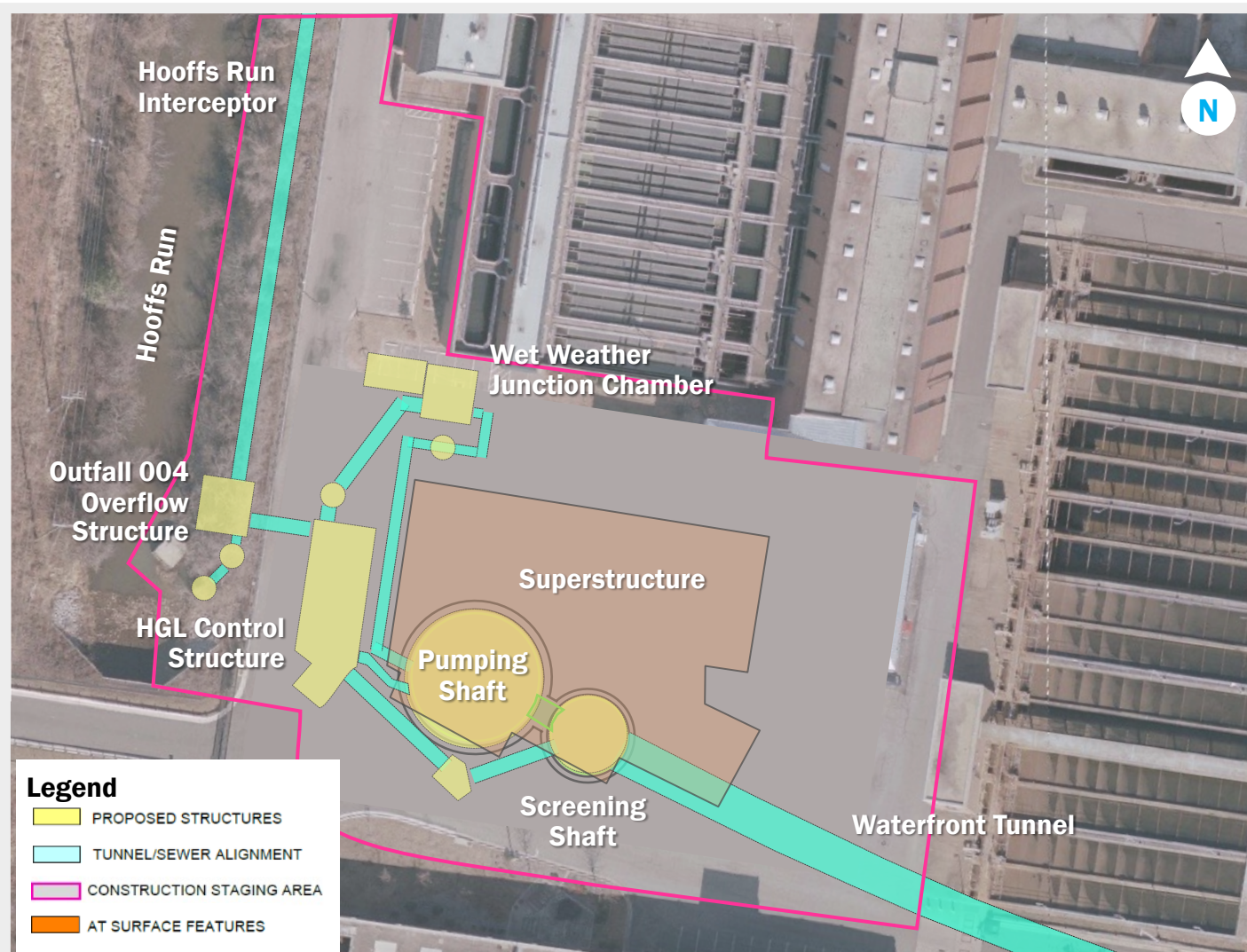
- Orange dashed arrow: Westbound Detour
- Purple dashed arrow: Eastbound Detour
- Orange dashed line: One-way Bike Route
- Green dashed line: Bi-directional Bike Route

*Bike routes are subject to review and approval by the City of Alexandria.

Questions about these detours? Want to learn more? Scan this code with your phone camera or visit riverrenew.com/news/program-updates/jamieson

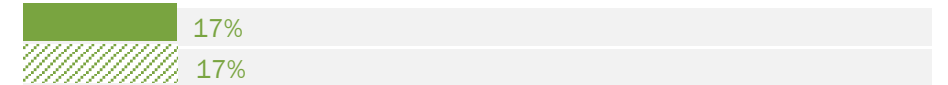



AlexRenew construction update.



Construction Progress

■ Actual ▨ Planned As of Mar 31, 2023



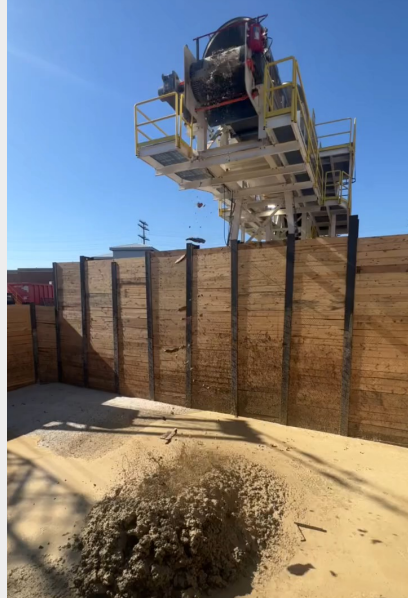
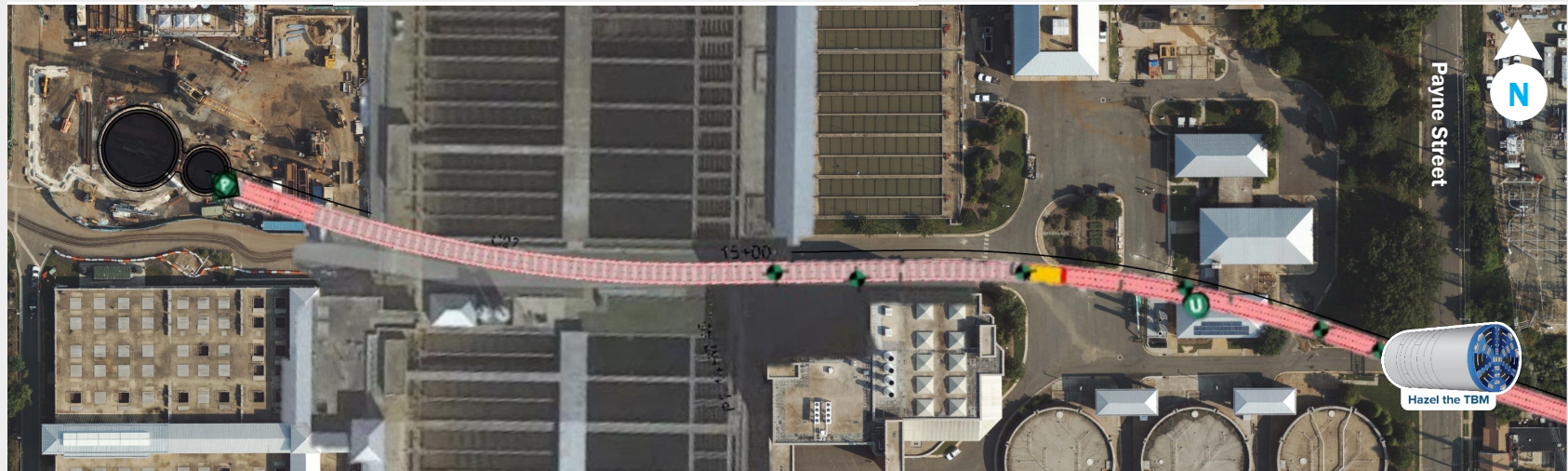
Jul 2025 ▲

Major Activities

- Hooffs Run Interceptor (microtunnel) completed
- Near surface structure support of excavation completed
- Pumping shaft base slab construction ongoing

Waterfront Tunnel update.

- 1,300-feet mined
- 275 rings completed (1,650 segments)
- Full production mining underway



Community Outreach Update



Community Listening Sessions held March 6, 7, and 9 engaged a wide audience across RiverRenew construction sites.



Pendleton Street
Mar 6

Hooffs Run Interceptor
March 7



Royal Street
March 9

Historical signage development update for African American Heritage Park.



January 2023
Draft Orientation Signage

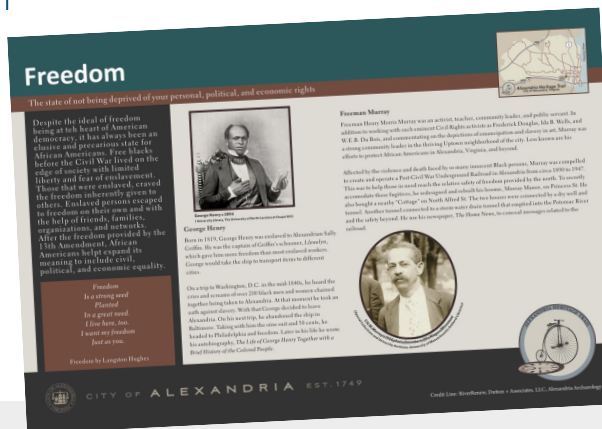


March 17, 2023
Met with Mr. Myers and Dutton & Associates

March 2023
Rough Draft Signage



April 2023
Draft Signage received for 3/5 AHP signs



May 2023
Present AAHP draft signage to SAG



May 2023
Draft signage for received all AHP signs

Summer 2023
Designs substantially complete

Spring 2025
Install Signage

Upcoming community outreach.



Sip 'n See Events
Hooffs Run: Tues 11-1
Royal St: Weds 11-1
Pendleton St: Thursdays 11-1

2023-24 Stakeholder Advisory Group Meeting
• May 18

Community Listening Sessions
• Week of Sept 11

