



2022-2023 RiverRenew Stakeholder Advisory Group

Meeting No. 4

September 15, 2022

Recap from July Meeting

- Provided a summary of **Noise Variances** with the City of Alexandria
- Tunnel Project **progress update**
- Tunnel Project **6-month look-ahead**
- **Community outreach** update

Tonight's Presentation

- SAG Feedback
- Tunnel Project Update
- Community Outreach Update
- Major Takeaways
- Introduction to Proposed Commonwealth Interceptor Upgrade Project

Electronic Participation Policy As Adopted by City Council and Per Virginia Freedom of Information Act (Code of Virginia § 2.2-3700 et. seq.)



Group Policy for Remote Meetings

All-virtual meetings (limited to two meetings)

No all-virtual meetings held **back-to-back**



Individual Policy for Remote Participation

Personal matter (*limited to two meetings*)

Temporary or permanent **disability or other medical condition** (*no limit*)

Medical condition of family member who needs care (*no limit*)

Principal residence is greater than 60 miles from meeting location (*no limit*)

SAG Feedback



Review and **monitor construction/program progress**



Communicate progress to the community by leveraging existing networks



Identify concerns and **receive input** from the public



Provide recommendations regarding mitigation of construction impacts

Links about Hazel Johnson provided by Erik Olson:

- Biography: <https://www.chipublib.org/blogs/post/hazel-m-johnson-mother-of-the-environmental-justice-movement/>
- Poems: <https://www.nrdc.org/stories/four-poets-honor-chicagos-hazel-m-johnson-mother-environmental-justice>

Tunnel Project Update

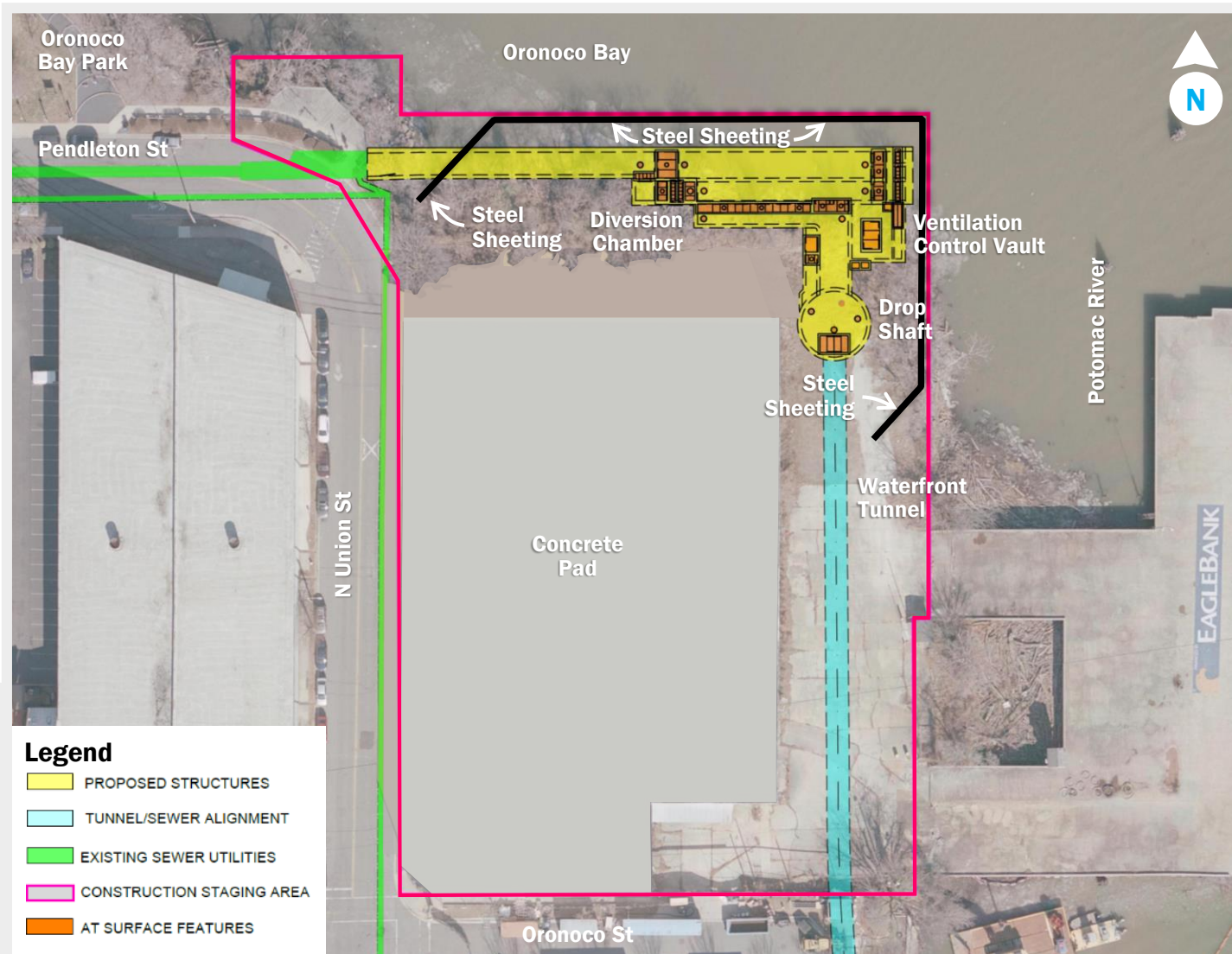


Summary of RiverRenew Tunnel Project noise variances with the City of Alexandria.

Site	Activity	Noise variance	Hauling	Dates
Pendleton Street	Shaft slurry walls	24/7 (11 days total)	24/7 (11 days total)	Aug 2022 – Dec 2022
	Shaft excavation	5 a.m. – 11 p.m. (Mon-Fri)	7 a.m. – 6 p.m. (Mon-Fri)	Dec 2022 – May 2023
	TBM removal	24/7	7 a.m. – 6 p.m. (Mon-Fri)	Oct 2023 – Dec 2023
Royal Street	Shaft excavation	5 a.m. – 11 p.m. (Mon-Fri)	7 a.m. – 6 p.m. (Mon-Fri)	Sep 2022 – Dec 2022
AlexRenew	Tunnel construction	24/7	7 a.m. – 6 p.m. (Mon-Fri)	Aug 2022 – Oct 2023



Pendleton Street Site design and construction update.



Design Progress

■ Actual ▨ Planned As of August 31, 2022



Construction Progress






Nov 2024 ▲

Major Activities

- Mobilizing equipment for shaft slurry wall construction
- Shaft slurry wall construction to start end of September

Major construction activities in the next 6 months at Pendleton St.

Oct	Nov	Dec	Jan	Feb	Mar
Shaft Slurry Wall Construction			Excavation		Concrete
 <p>! 7a.m.–6p.m. Mon–Fri</p> <p>No anticipated impacts to sidewalks, bicycle routes, or travel lanes</p> <p>75 trucks/day</p> <p>Shaft Slurry Wall Construction</p>			 <p>! 7a.m.–6p.m. Mon–Fri</p> <p>No anticipated impacts to sidewalks, bicycle routes, or travel lanes</p> <p>70 trucks/day</p> <p>Shaft Excavation</p>		 <p>7a.m.–6p.m. Mon–Fri</p> <p>No anticipated impacts to sidewalks, bicycle routes, or travel lanes</p> <p>70 trucks/day</p> <p>Shaft Permanent Concrete Construction</p>

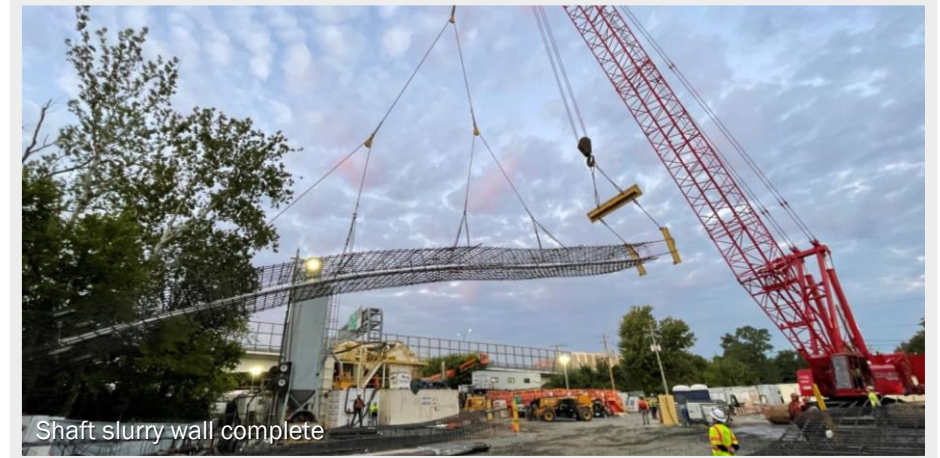
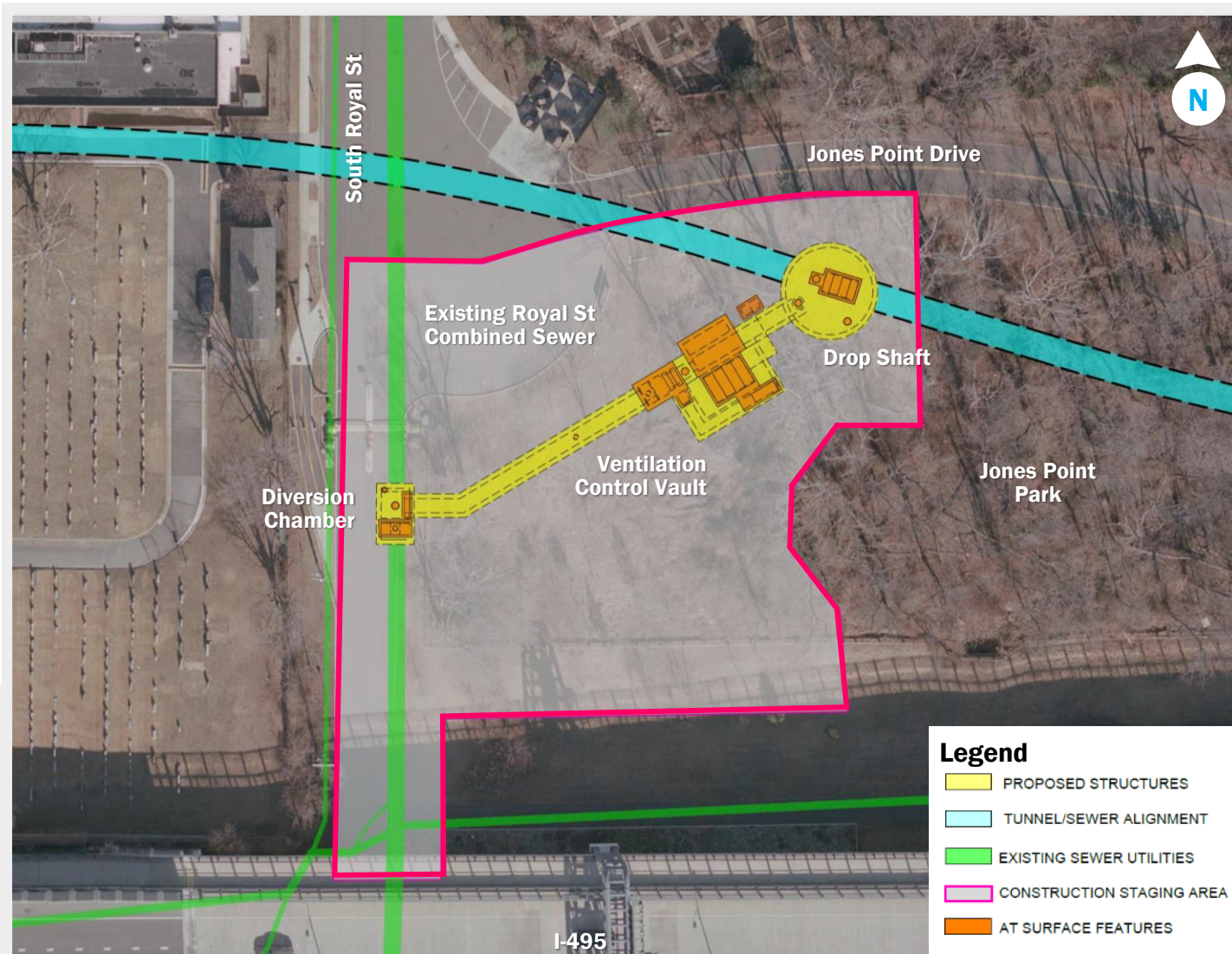


Note: Pictures representative of upcoming construction work



Variance (see slide 6)

Royal Street Site design and construction update.



Design Progress

■ Actual ▨ Planned As of August 31, 2022





Construction Progress



Major Activities

- Shaft slurry wall construction complete
- Started shaft excavation

Major construction activities in the next 6 months at Royal St.

Oct	Nov	Dec	Jan	Feb	Mar
Shaft Excavation			Near Surface Structures Support of Excavation and Foundation Piles		
					
<p>! 7am-6pm Mon-Fri</p>			<p>7am-6pm Mon-Fri</p>		
<p>No anticipated impacts to sidewalks, bicycle routes, or travel lanes</p>			<p>No anticipated impacts to sidewalks, bicycle routes, or travel lanes</p>		
<p>70 trucks/day</p>			<p>20 trucks/day</p>		
Shaft Excavation			Near Surface Structures Support of Excavation and Foundation Piles		

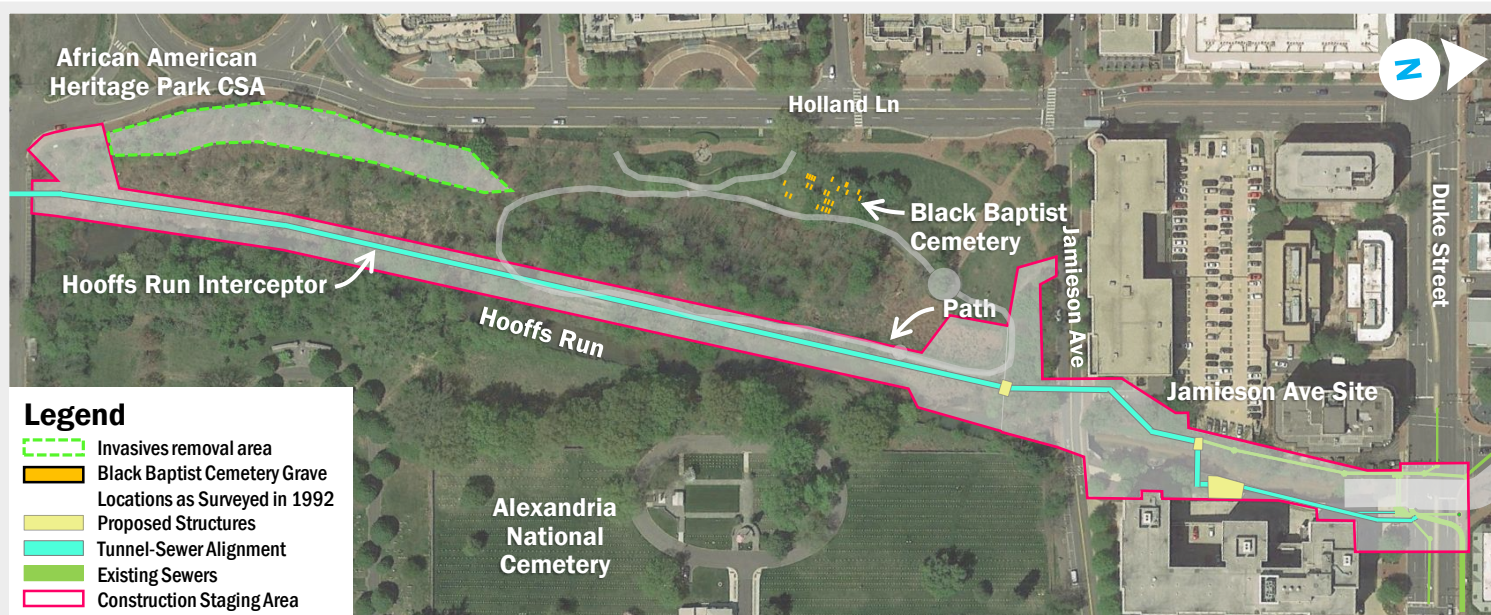


Note: Pictures representative of upcoming construction work



Variance (see slide 6)

Hooffs Run Interceptor design and construction update.

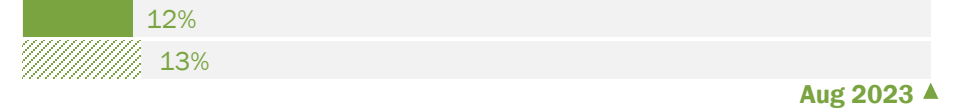


Design Progress

■ Actual ▨ Planned As of Aug 31, 2022



Construction Progress



Major Activities

- Jamieson Ave Site Diversion chamber construction ongoing
- African American Heritage Park Site Junction chamber construction ongoing



Junction chamber wall forms under construction

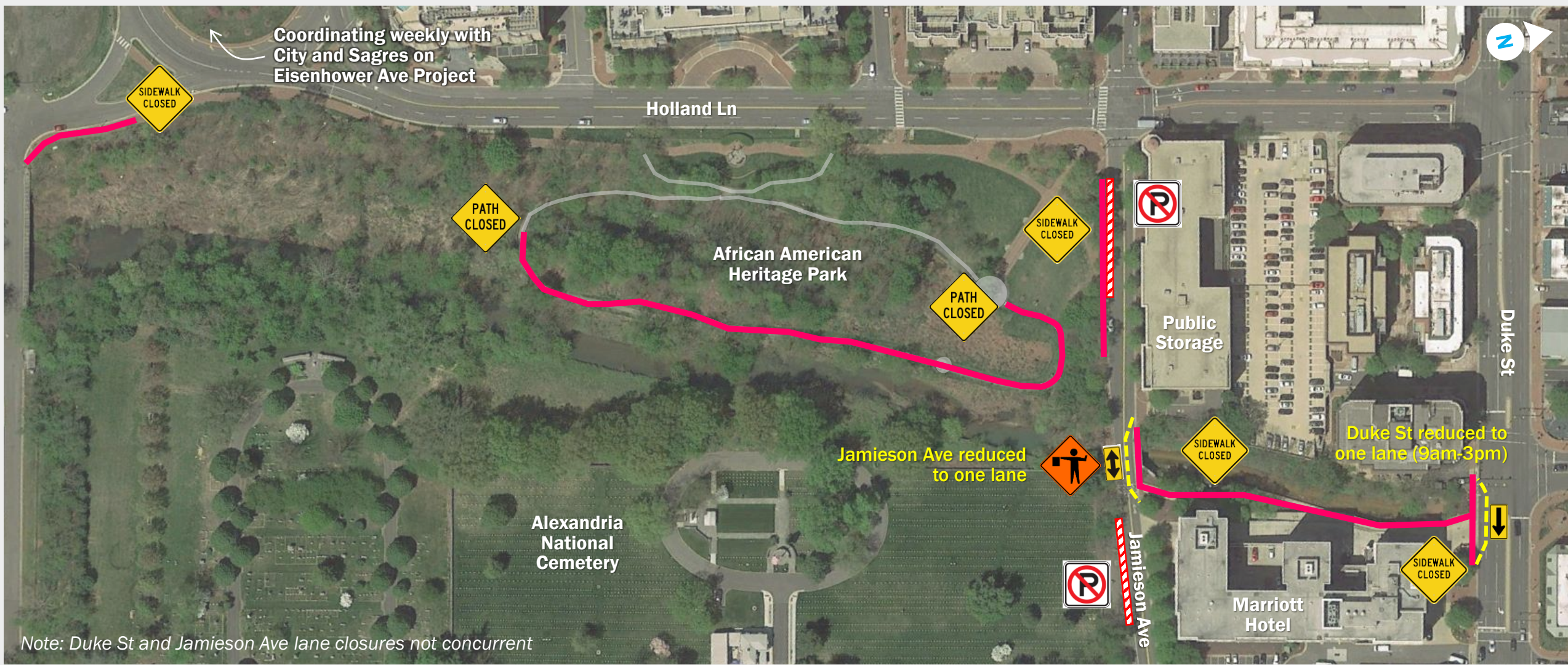
◀ African American Heritage Park Site






Diversion chamber concrete installation

◀ Jamieson Avenue Site

Managing Hooffs Run Interceptor construction impacts. Road and sidewalk impacts through August 2023.



Major construction activities in the next 6 months at Jamieson Avenue.

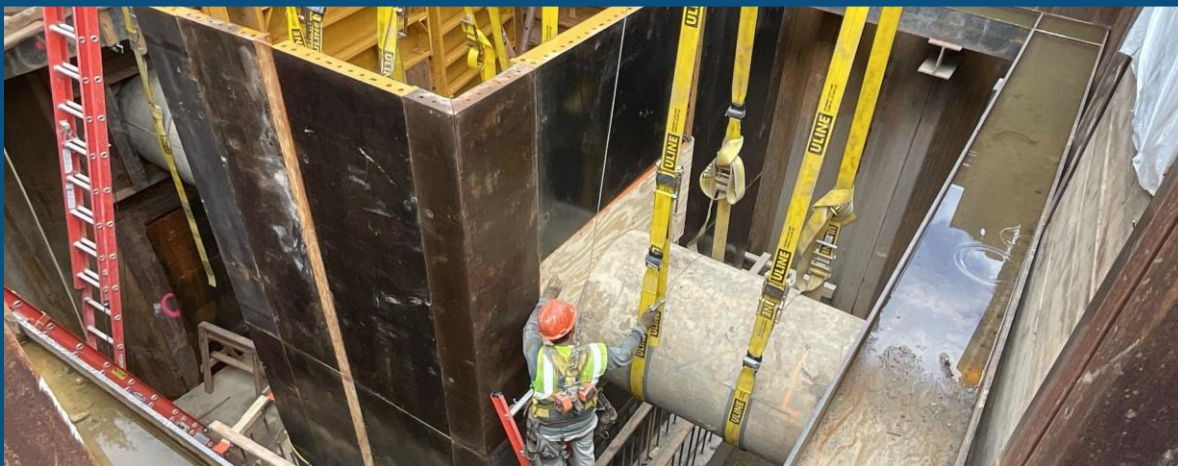
Oct	Nov	Dec	Jan	Feb	Mar
Diversion Chamber	Open-Cut		Diversion Chamber and Junction Chamber		Open-Cut
 <p>7am-6pm Mon-Fri</p> <p>Lane and sidewalk closures: Duke St and Jamieson Ave</p> <p>30 trucks/day</p> <p>Diversion Chamber Construction</p>	 <p>7am-6pm Mon-Fri</p> <p>Lane and sidewalk closures: Duke St and Jamieson Ave</p> <p>10 trucks/day</p> <p>Open-Cut Construction</p>	 <p>7am-6pm Mon-Fri</p> <p>Lane and sidewalk closures: Duke St and Jamieson Ave</p> <p>30 trucks/day</p> <p>Diversion Chamber and Junction Chamber Construction</p>			



Note: Pictures representative of upcoming construction work

Major construction activities in the next 6 months at African American Heritage Park.

Oct	Nov	Dec	Jan	Feb	Mar
Junction Chamber		Manholes and Open-Cut Construction			



7am-6pm
Mon-Fri

Sidewalk closures (intermittent):
Jamieson Ave, Holland
Parking restrictions (24/7): Jamieson
Path closures (24/7): AAHP

30 trucks/day

Junction Chamber Construction



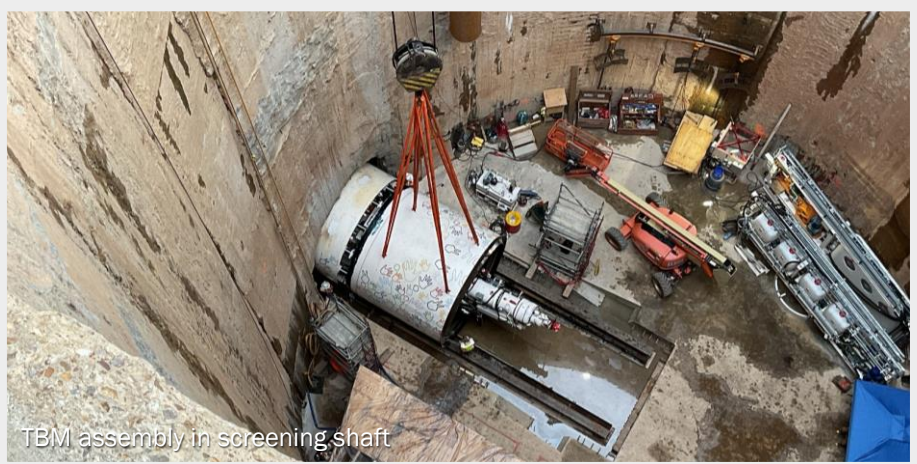
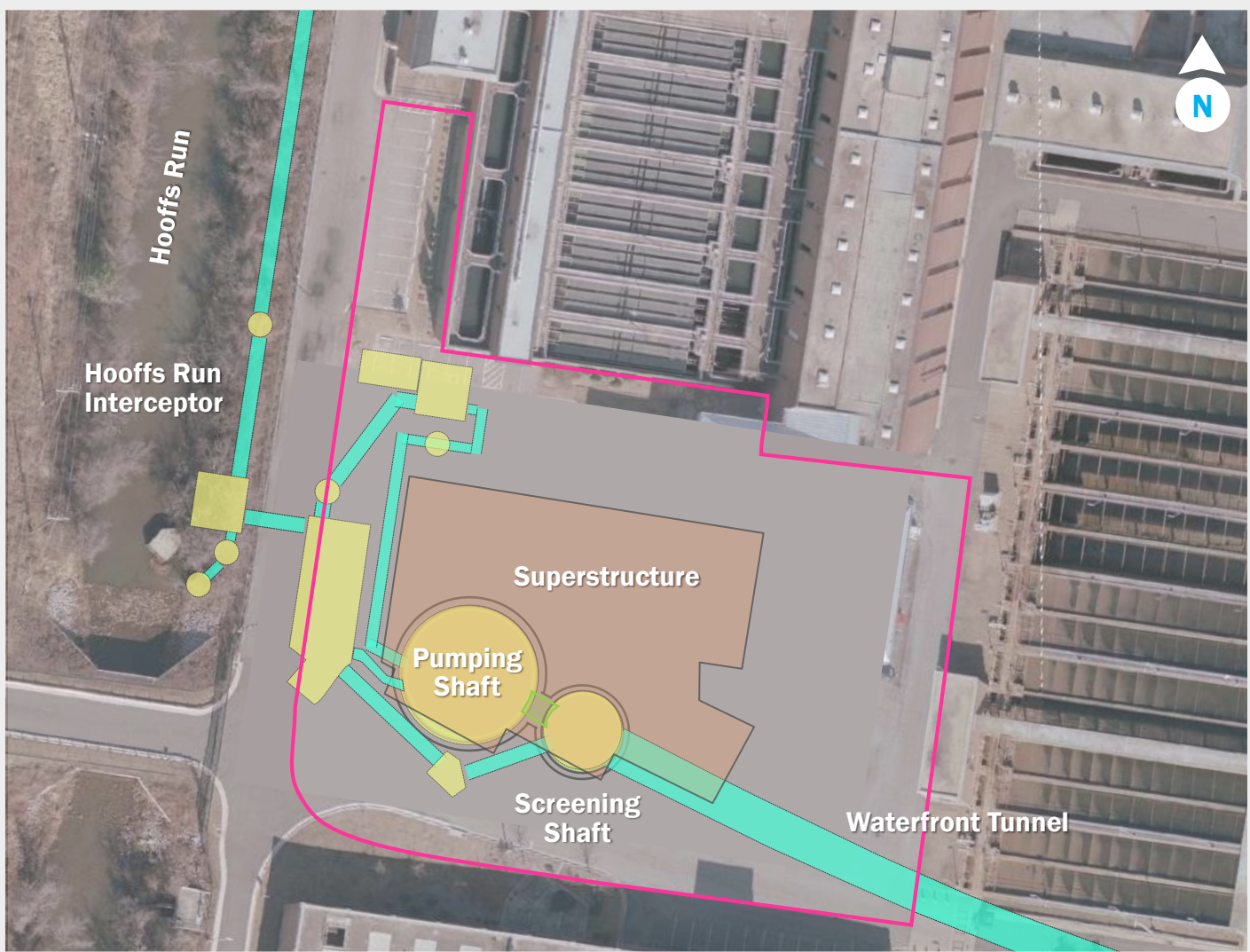
7am-6pm
Mon-Fri

Sidewalk closures (intermittent):
Jamieson Ave, Holland
Parking restrictions (24/7): Jamieson
Path closures (24/7): AAHP

30 trucks/day

Manholes and Open-Cut Construction

AlexRenew design and construction update.

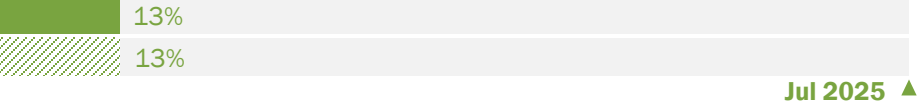


Design Progress

■ Actual ▨ Planned As of August 31, 2022



Construction Progress



Major Activities


- Shaft excavation completed
- TBM lowered into shaft and assembly ongoing
- Near surface structure support of excavation started










Click the play
button to watch
the video



Major construction activities in the next 6 months at AlexRenew.

 Variance (see slide 6)

Oct		Nov		Dec		Jan		Feb		Mar	
 <p>Waterfront Tunnel</p> <p>7a.m.–6p.m. Mon–Fri</p> <p>50 trucks/day</p>		 <p>7a.m.–6p.m. Mon–Fri</p> <p>30 trucks/day</p>		 <p> 24 hours/day 7 days/week (Hauling 7a.m.–6p.m.)</p> <p>120 trucks/day</p>							
TBM Initial Drive		Install Vertical Conveyor				Tunneling					
Near Surface Struct. Support of Excavation			Microtunneling			Permanent Concrete Structures					
 <p>Hooffs Run Interceptor & Pumping Station</p> <p>7a.m.–6p.m. Mon–Fri</p> <p>50 trucks/day</p>			 <p>7a.m.–6p.m. Mon–Fri</p> <p>50 trucks/day</p>			 <p>7a.m.–6p.m. Mon–Fri</p> <p>30 Trucks/day</p>					

Community Outreach

Flood Mitigation and Water Quality Projects

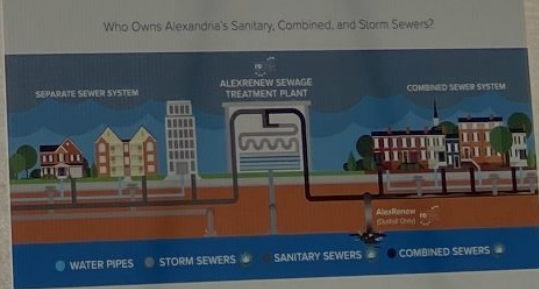
Alexandria's Separate and Combined Sewer Systems



- ### Goals
- Increase storm sewer capacity to reduce flooding during intense storm events
 - Minimize nuisance flooding caused by high tides in the Potomac River and undersized storm sewers
 - Improve the health of the Potomac River by reducing combined sewer overflows

Schedule for Alexandria's Flood Mitigation and Water Quality Projects

Project	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032
Flood Action Alexandria	CONSTRUCTION										
Waterfront Flood Mitigation	DESIGN		CONSTRUCTION								
RiverRenew Tunnel Project	CONSTRUCTION										



CITY OF ALEXANDRIA
Owns and operates the sanitary sewers, combined sewers, and storm sewers. The City is implementing:

- Waterfront Flood Mitigation
- Sewage Treatment
- RiverRenew Tunnel Project

ALEXRENEW
Independent authority charged with managing sewage for Alexandria and parts of Fairfax County, and is implementing RiverRenew.

Building for the Future of Alexandria's Waterways. More vibrant public spaces. Less impact on Hunting.

CONSTRUCTION ENTRANCE

Upcoming community outreach.



 **ALEXANDRIA LIBRARY**

**Beatley Central Library
Annual Fall Festival
September 17**




 **Imagine a Day Without Water**

**Old Town
October 20**



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



**2022-23 Stakeholder
Advisory Group
Meeting**

- November 17



Meeting Takeaways

- Shaft slurry wall construction at Pendleton Street Site – extended work and haul hours
 - Shaft excavation at Royal Street Site – extended work hours
 - Sidewalk and path impacts at AAHP ongoing
 - Duke Street and Jamieson Avenue lane closures ongoing
 - Hazel getting ready to start mining in October!
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RiverRenewTM

INVESTING IN HEALTHIER WATERWAYS FOR ALEXANDRIA