

# 2023-2024 RiverRenew Stakeholder Advisory Group

Meeting No. 1

March 16, 2023





## Recap from January Meeting

- Provided a summary of noise variances with the City of Alexandria
- Provided an update on pile driving activities at the Pendleton Street Site
- Provided an update on historic signage development

## Tonight's Presentation

- SAG Feedback
- 2023-2024 SAG Introduction
- Tunnel Project Update
- Community Outreach Update
- Major Takeaways



# 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



# 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*)



# 2023-2024 RiverRenew Stakeholder Advisory Group at-a-glance.

## 2023-2024 SAG Representation and Members:



**Morgan Babcock**  
Eisenhower Partnership  
Nominee



**Mace Carpenter**  
Tobacco Quay, Waterfront  
Residences, or Rivergate



**Liz Birnbaum**  
Carlyle or Duke St.  
Corridor



**Mark McNutt**  
Interest in RiverRenew



**Dan Bradfield (SAG Chair)**  
South Old Town



**Michelle Millben**  
Interest or expertise in  
diversity, race, and social  
equality



**Steven App**  
Engineering,  
Environmental, Financial,  
or related Background



**Erik Olson**  
NOTICe Nominee



**Yvonne Callahan**  
OTCA Nominee

### Charge:

- Review and monitor construction and 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

### Other Information:

- Term: Feb 2023 – Feb 2024
- Final term





# Tunnel Project Update

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Marguerite, the microtunnel boring machine, lowered into place at AlexRenew

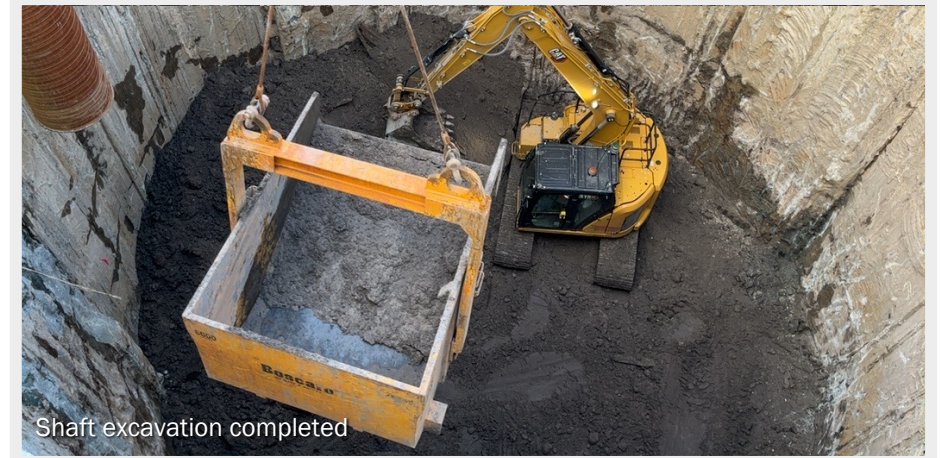
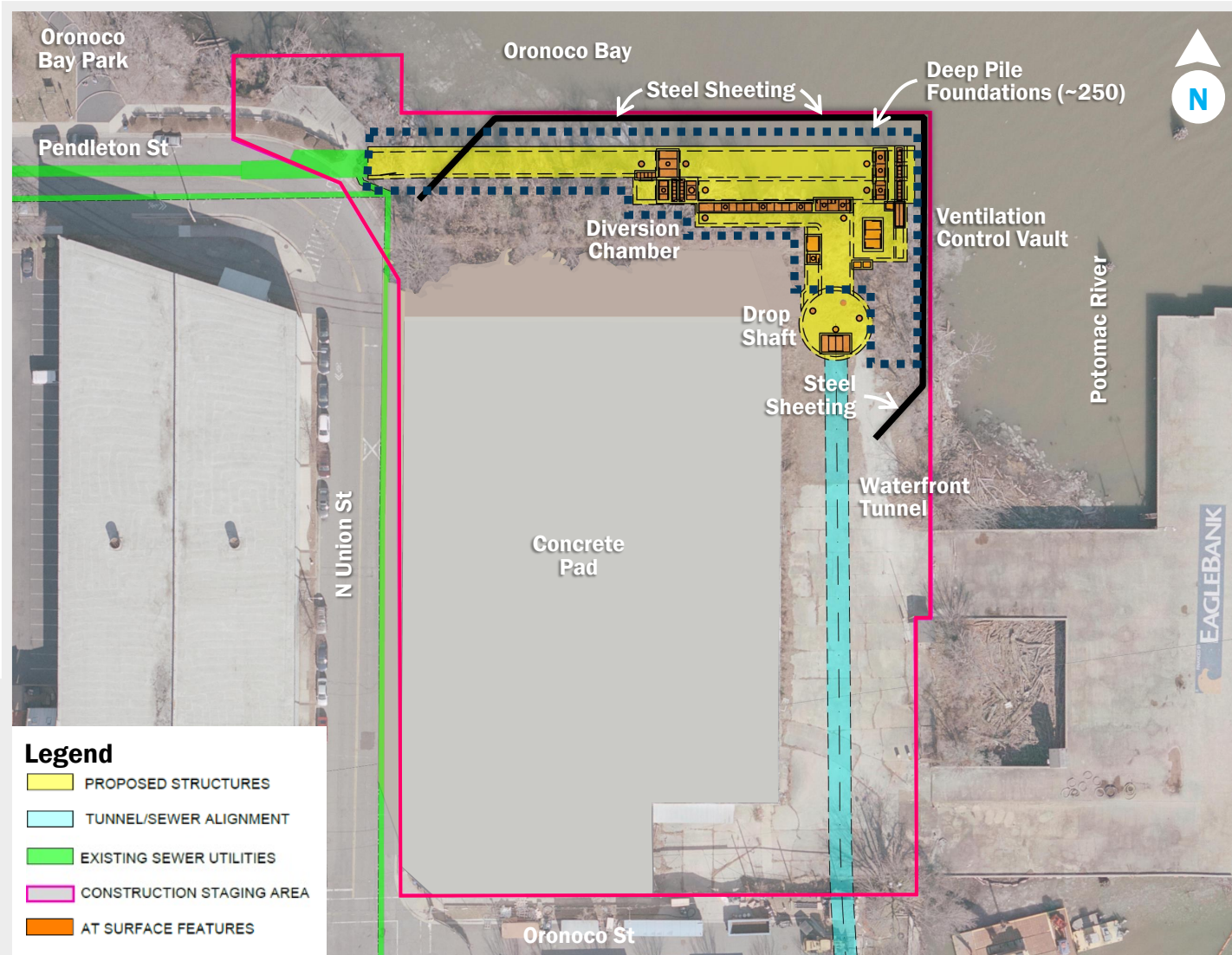


# Summary of RiverRenew Tunnel Project noise variances permitted by the City of Alexandria.

Site	Activity	Noise variance	Hauling	Dates
<b>Pendleton Street</b>	Site excavation	6 a.m. – 7 a.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
<b>AlexRenew</b>	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 Feb 28, 2023



## Construction Progress






## Major Activities

- Shaft excavation completed
- Preparing site for pile driving



# Major construction activities in the next 6 months at Pendleton Street Site.

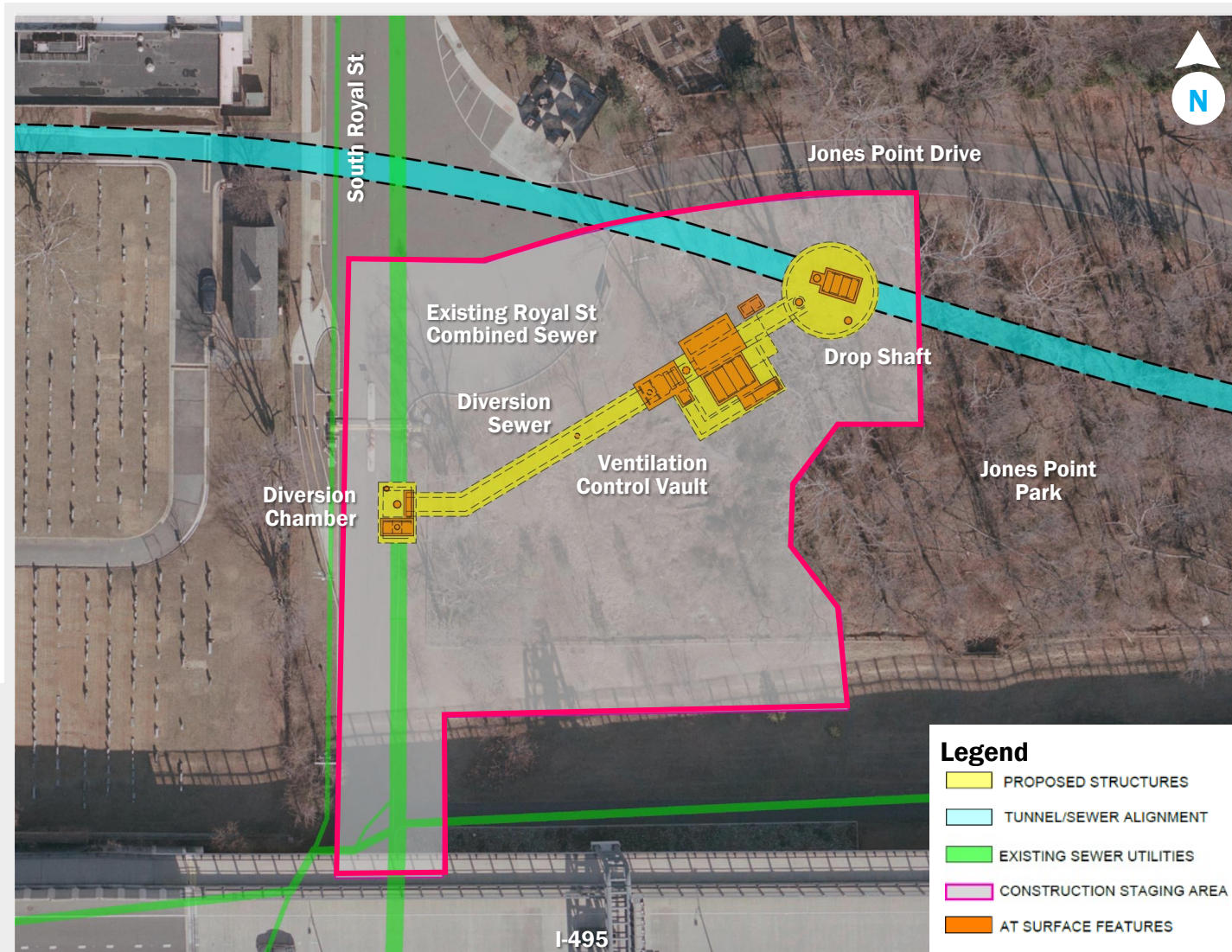
Apr	May	Jun	Jul	Aug	Sep
Deep Foundations				Permanent Structure Concrete	
Permanent Shaft Concrete Liner					
 <p>9 a.m.–6p.m. Mon–Fri</p> <p>No anticipated impacts to sidewalks, bicycle routes, or travel lanes</p> <p>15 trucks/day</p> <p><b>Deep Foundations (Pile Driving Activities)</b></p>	 <p>7a.m.–6p.m. Mon–Fri</p> <p>No anticipated impacts to sidewalks, bicycle routes, or travel lanes</p> <p>70 trucks/day</p> <p><b>Permanent Shaft Concrete Liner</b></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><b>Permanent Structure Concrete</b></p>			



Note: Pictures representative of upcoming construction work. Schedule is generalized and subject to change



# Royal Street Site design and construction update.



## Design Progress

■ Actual ▨ Planned As of Feb 28, 2023



## Construction Progress





## Major Activities

- Near surface structure support of excavation completed
- Preparing site to install foundations



# Major construction activities in the next 6 months at Royal Street Site.

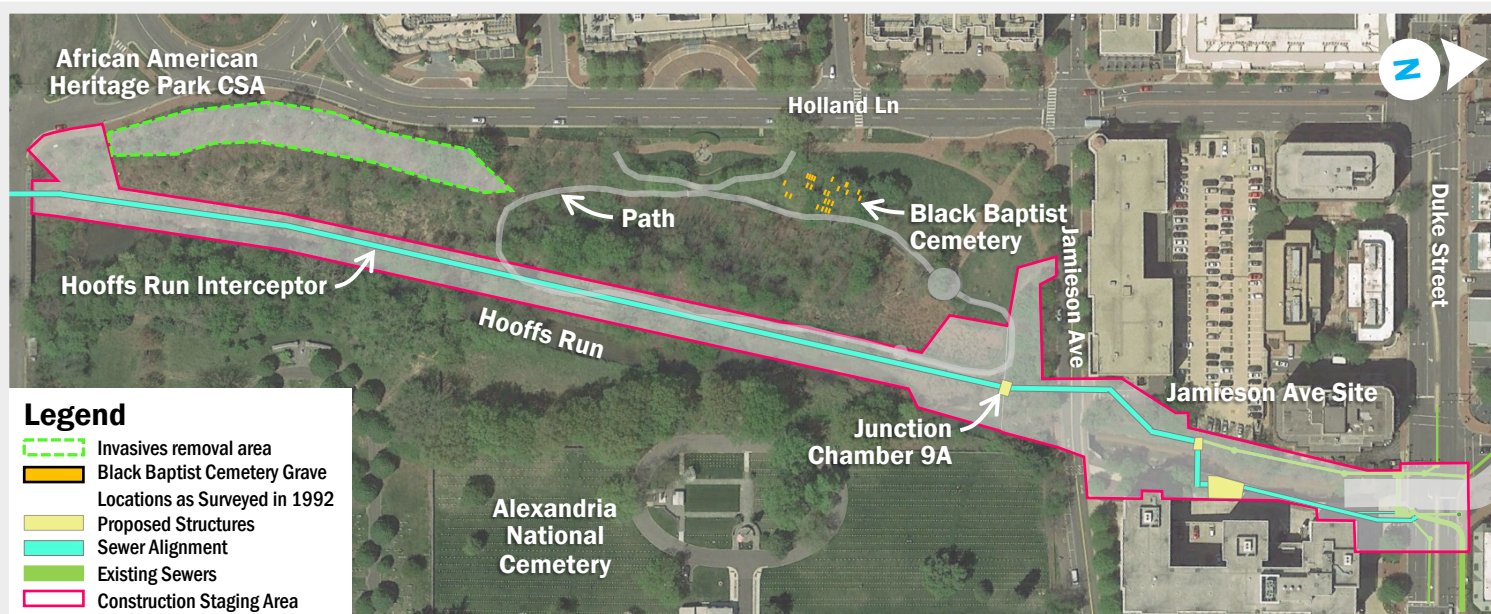
Apr	May	Jun	Jul	Aug	Sep
Support of Excavation and Foundations			Permanent Concrete Structures		
					
<p align="center"><b>7am-6pm</b> Mon-Fri</p>			<p align="center"><b>7am-6pm</b> Mon-Fri</p>		
<p align="center">No anticipated impacts to sidewalks, bicycle routes, or travel lanes</p>			<p align="center">No anticipated impacts to sidewalks, bicycle routes, or travel lanes</p>		
<p align="center"><b>20</b> trucks/day</p>			<p align="center"><b>30</b> trucks/day</p>		
Support of Excavation and Foundations			Permanent Concrete Structures		



*Note: Pictures representative of upcoming construction work. Schedule is generalized and subject to change*



# Hooffs Run Interceptor design and construction update.

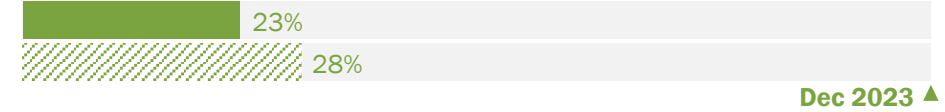


## Design Progress

■ Actual ▨ Planned As of Feb 28, 2023



## Construction Progress



## Major Activities

- Jamieson Ave Site extension sewer construction complete at Duke Street
- African American Heritage Park Site manhole construction ongoing



◀ African American Heritage Park Site



◀ Jamieson Avenue Site



# Marriot Driveway Reopened!



Residence

No need to wait for your maintenance or housekeeping Alexandria getaway 703-548-5414 look you stay today Residence Inn

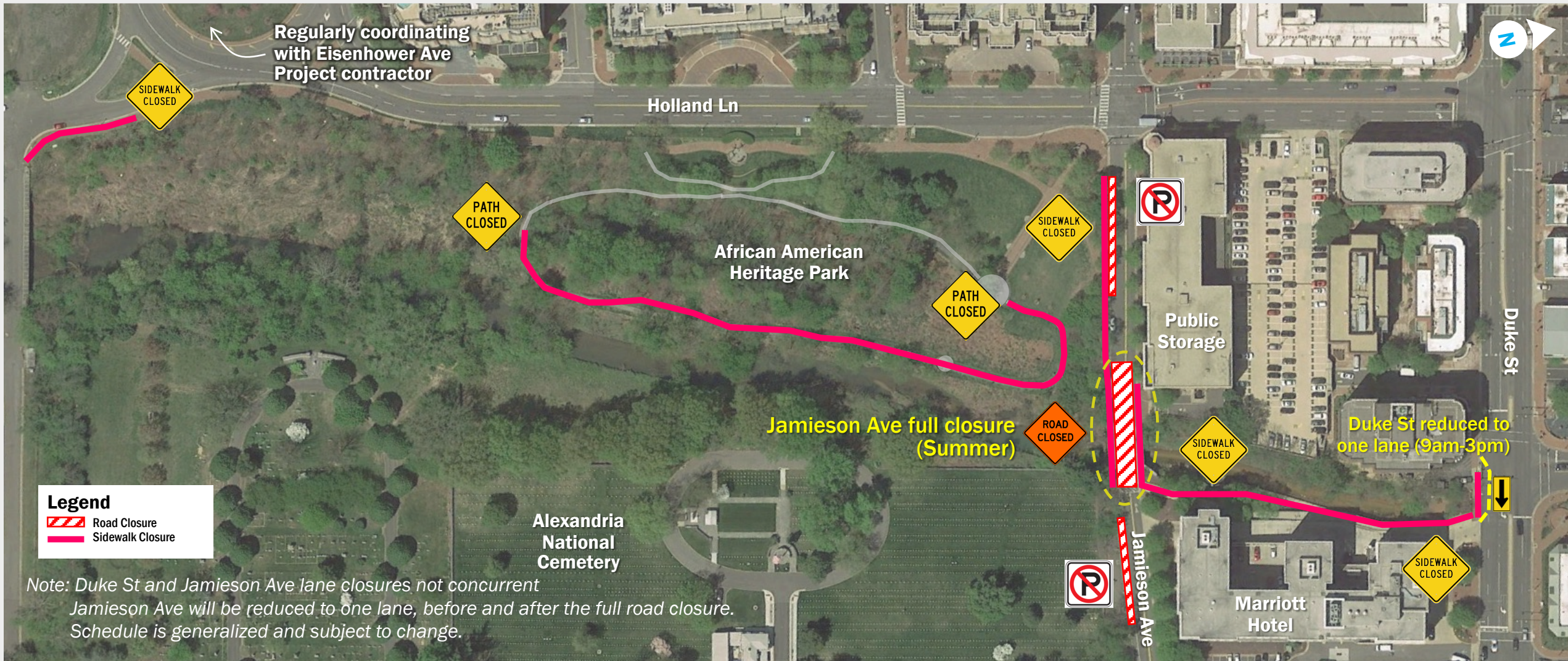
Marriott remains open for business

As LexRnew builds toward cleaner waterways

No need to wait for your relaxing Alexandria getaway 703-548-5414 Book your stay today Residence Inn

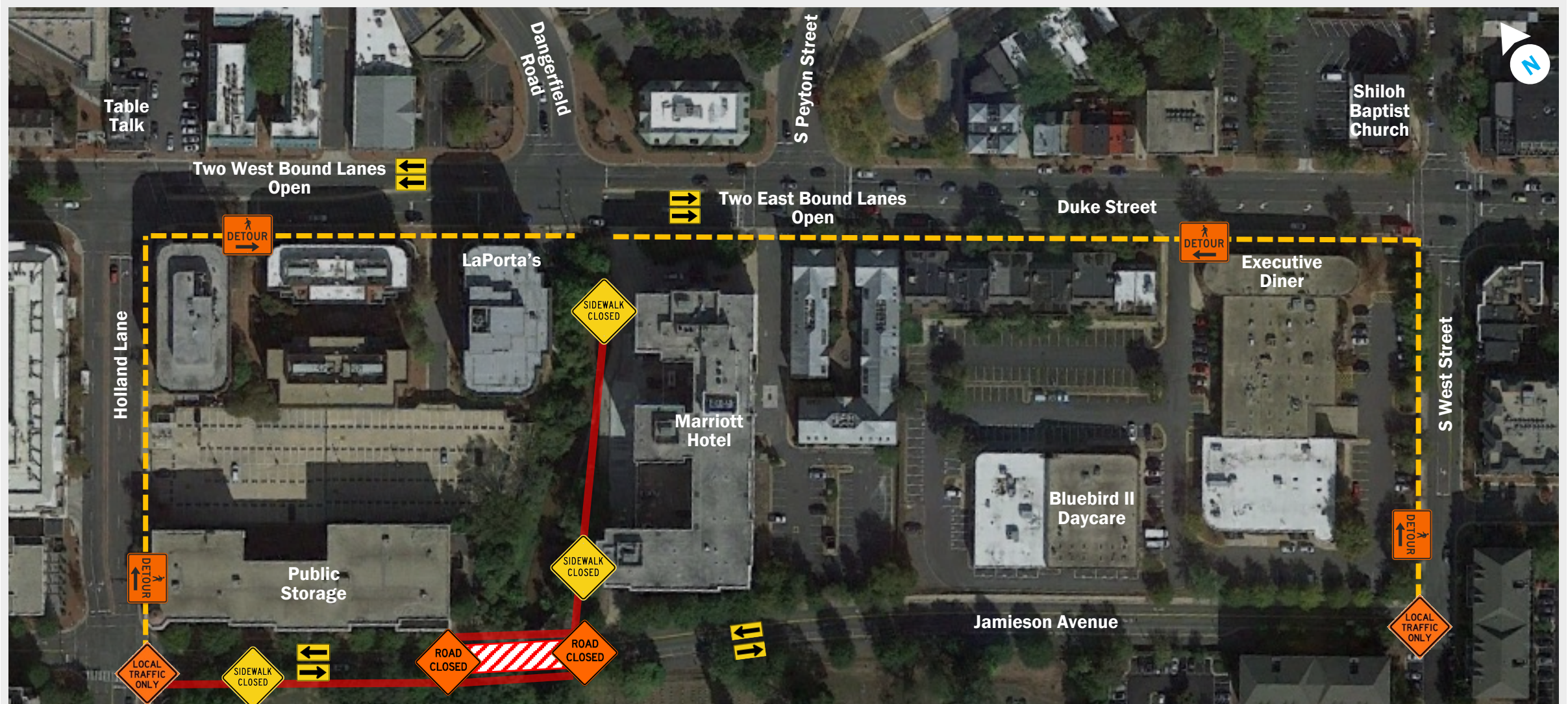


# Road and sidewalk impacts associated with Hooffs Run Interceptor



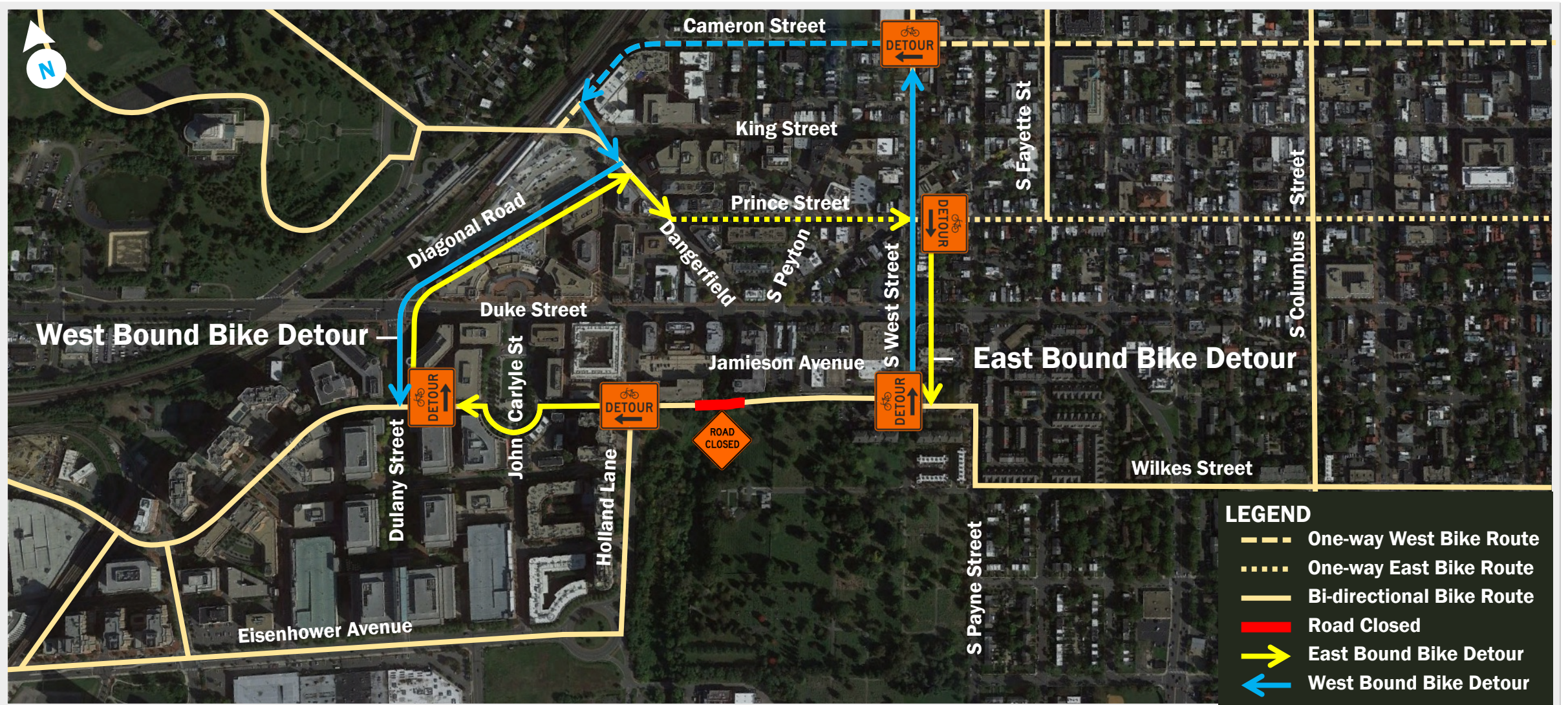


# Pedestrian and Vehicular Detours during Jamieson Ave road closure.





# Bicycle Detours during Jamieson Ave road closure.





# Upcoming Jamieson Ave road closure community outreach campaign.

- Sip 'n See
- Flyer distribution
- Electronic messaging boards
- Updates through SAG
- Bicycle and Pedestrian Advisory Committee
- Emails to RiverRenew group
- Coordination with local businesses and residents
- Website updates
- Social media posts

## 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 Summer 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



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

Questions? Email us at [askriverrenew@alexrenew.com](mailto:askriverrenew@alexrenew.com) or call our construction hotline at 1.800.234.6592

Alexandria RiverRenew

## 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**

- Westbound Detour
- Eastbound Detour
- One-way Bike Route
- 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](https://www.alexandriarenew.com/news/program-updates/jamieson)



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

Apr	May	Jun	Jul	Aug	Sep
Diversion Chamber & Junction Chamber		Micropiles		Open-Cut	
				 <p><i>Jamieson Avenue full closure</i></p>	
					
<p><b>7am-6pm</b> Mon-Fri</p>		<p><b>7am-6pm</b> Mon-Fri</p>		<p><b>7am-6pm</b> Mon-Fri</p>	
<p>Lane and sidewalk closures: Duke St and Jamieson Ave</p>		<p>Lane and sidewalk closures: Jamieson Ave</p>		<p>Lane and sidewalk closures: Duke St and Jamieson Ave</p>	
<p><b>30 trucks/day</b></p>		<p><b>20 trucks/day</b></p>		<p><b>10 trucks/day</b></p>	
<p><b>Diversion Chamber and Junction Chamber Construction</b></p>		<p><b>Support of Excavation Installation (Micropiles)</b></p>		<p><b>Open-Cut Construction</b></p>	



Note: Pictures representative of upcoming construction work. Schedule is generalized and subject to change



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

Apr	May	Jun	Jul	Aug	Sep
Open-Cut	Sheeting	Open-Cut	Sheeting	Open-Cut	Open-Cut



**7am-6pm**  
Mon-Fri

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

**30** trucks/day

**Open-Cut Construction**



**7am-6pm**  
Mon-Fri

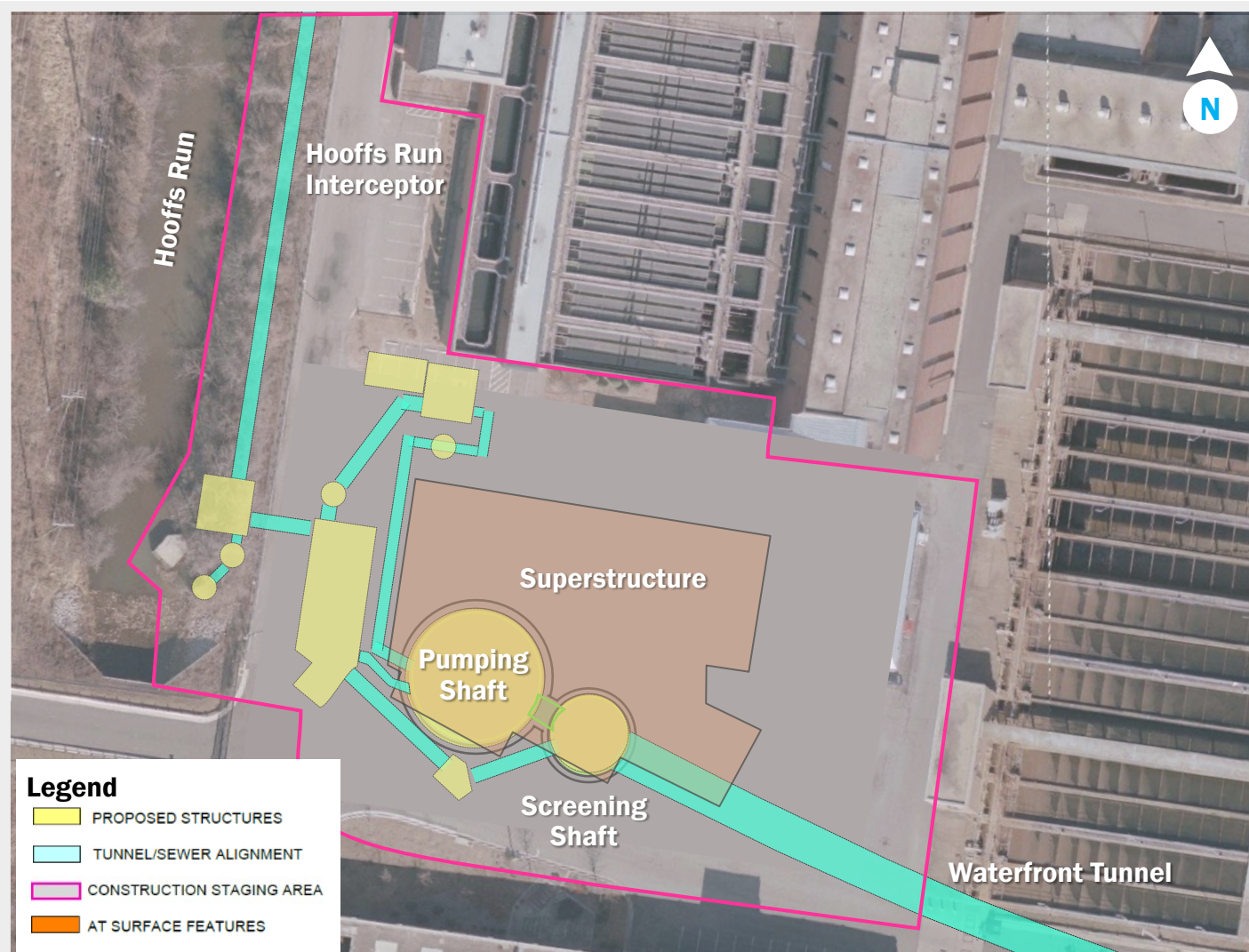
Sidewalk closures (intermittent): Jamieson Ave, Holland Ln  
 Parking restrictions (24/7): Jamieson  
 Path closures (24/7): AAHP

**10** trucks/day

**Support of Excavation (Sheeting)**  
*Impact hammer required at times*



# AlexRenew design and construction update.



Microtunnel Boring Machine lowered and ready for mining

Deep foundation installation ongoing

## Design Progress

■ Actual ▨ Planned As of Feb 28, 2023



## Construction Progress

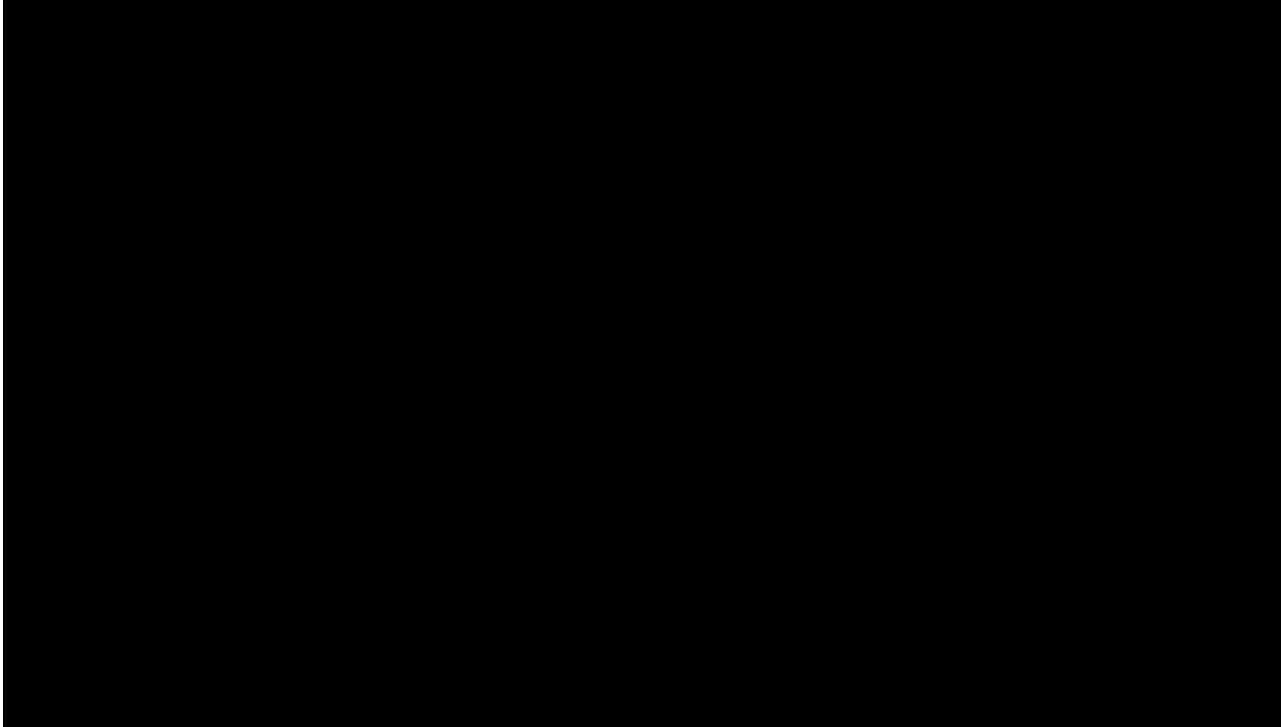


## Major Activities

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



# Meet Marguerite, the Microtunnel Boring Machine (MTBM).



- Constructing 500-ft of the Hooffs Run Interceptor at AlexRenew
- Named after Marguerite Williams



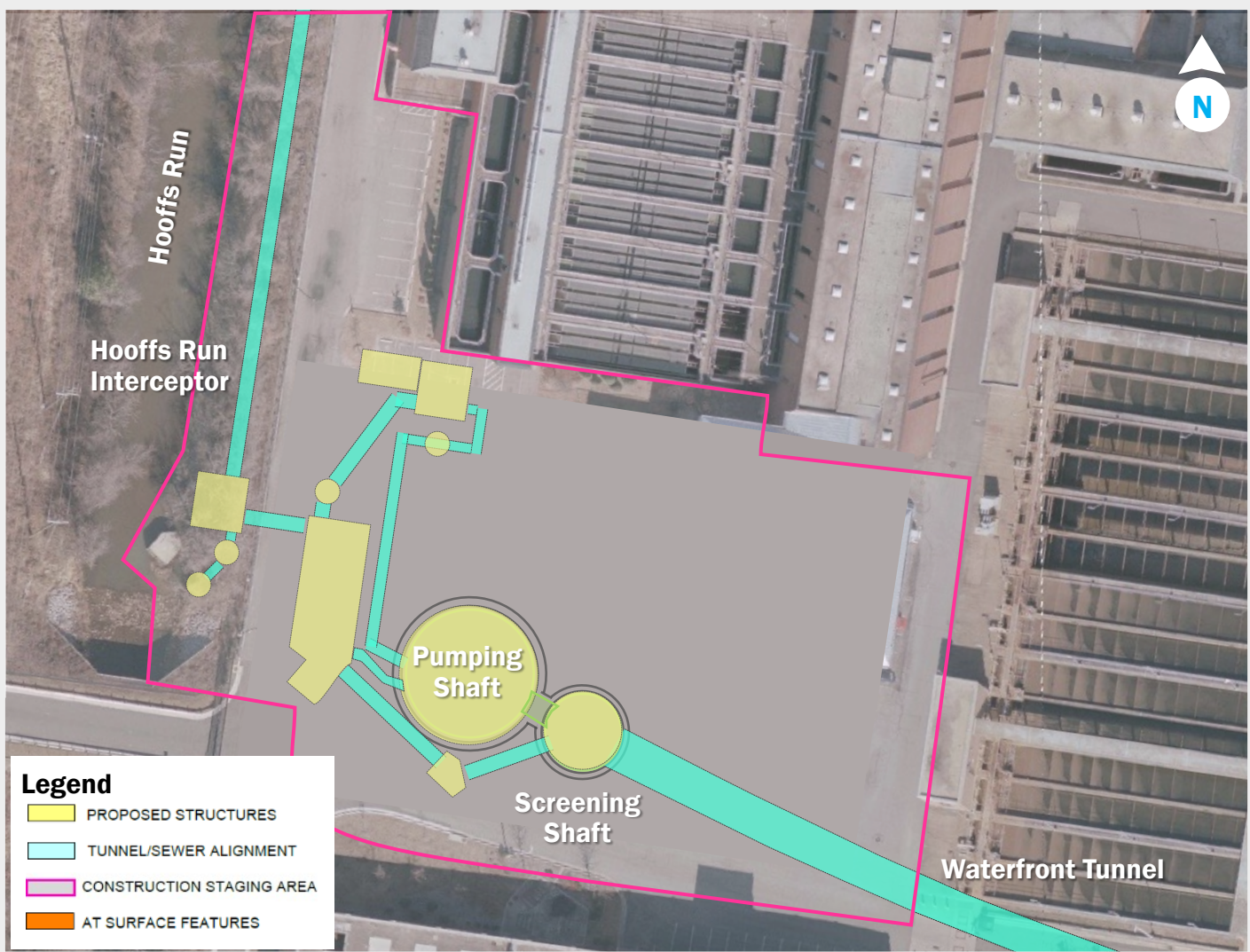
RiverRenew crew who are operating the MTBM



Local artist Rodrigo Pradel who created the mural for Marguerite



# Waterfront Tunnel design and construction update.

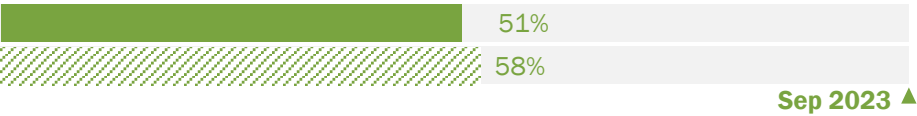


## Design Progress

■ Actual ▨ Planned As of Feb 28, 2023



## Construction Progress



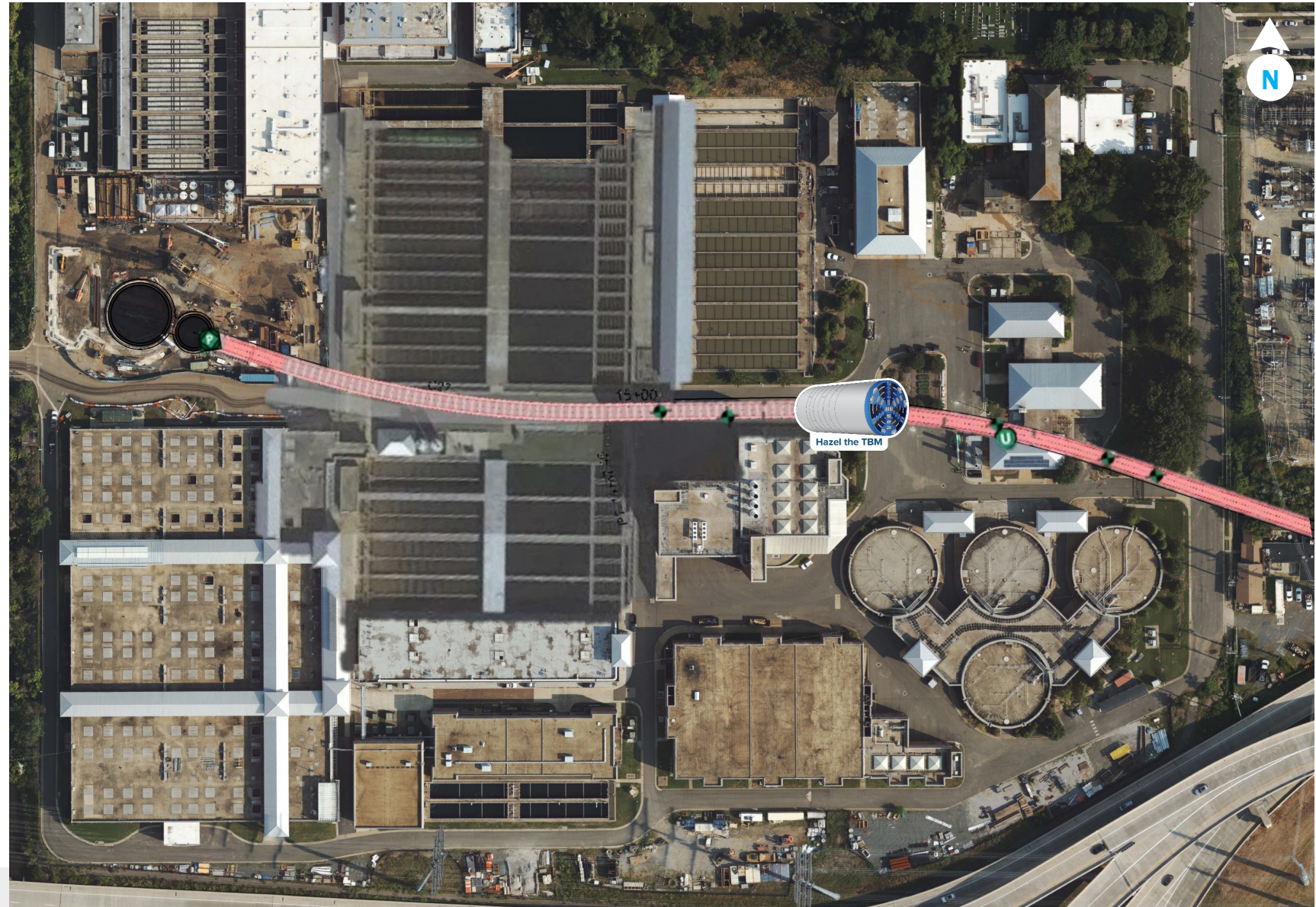
## Major Activities

- Assembling tunnel muck conveyor systems
- TBM mining on hold pending conveyor system completion



# Waterfront Tunnel Status

- 775 feet mined
- All gantries installed
- 164 rings completed (984 segments)
- 1 intervention to date
- Mining is currently paused, as planned, while muck handling conveyors are being assembled in the screening shaft
- Full production mining anticipated to resume in mid-April





# Major construction activities in the next 6 months at AlexRenew Site.

Apr	May	Jun	Jul	Aug	Sep
Excavate Outfall 004 (HRI)	Pumping Shaft Cast-in-Place Liner				Pumping Shaft Internals



**7am-6pm**  
Mon-Fri

50 trucks/day

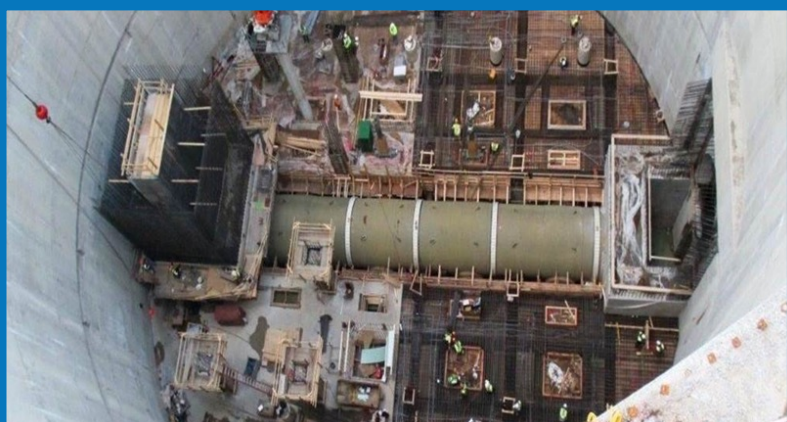
**Outfall 004 Overflow Structure (HRI)  
Excavation**



**7am-6pm**  
Mon-Fri

30 Trucks/day

**Pumping Shaft Cast-in-Place Liner**



**7am-6pm**  
Mon-Fri

30 Trucks/day

**Open-Cut Construction**





# Community Outreach Update



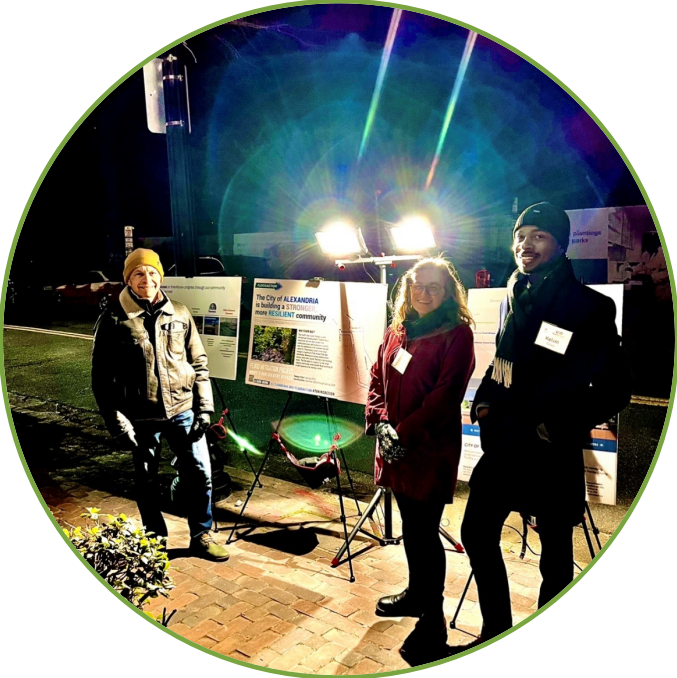


# Community Listening Sessions held Mar 6, 7, and 9 engaged a wide audience across our remote construction sites.



**Pendleton Street**  
Mar 6

**Hooffs Run Interceptor**  
March 7



**Royal Street**  
March 9



Upcoming community outreach.



**2023-24 Stakeholder Advisory Group Meeting**

• May 18

**Alexandria Federation of Civic Associations**

*March 29*

**Oronoco Bay Cleanup**

*April 15*

**Council Board Work Group**

*April 19*

**Sip 'n See Events**

Hooffs Run: Tues 11-1

Royal St: Weds 11-1

Pendleton St: Thursdays 11-1





# Meeting Takeaways

- Pile driving upcoming at Pendleton Street
- Support of excavation for near surface structures completed at Royal Street Site
- Jamieson Avenue full closure anticipated Summer 2023
  - Bike, pedestrian, and vehicle detours
- Waterfront Tunnel construction underway
- Waterfront Tunnel Tours May 6



