

# DISTRICT DEPARTMENT OF TRANSPORTATION



## *Arboretum Bridge and Trail Project*



July 27, 2023

# Welcome to our virtual public meeting!

To begin, we will review some basic controls to help you participate on this platform.

**Please Note:** This is an open meeting and as required by DC Code 2-578, this meeting is being recorded, and the recording will be made available to the public.

The video file (with both audio and video) will be shared on the project team's website and DDOT's YouTube Channel ([YouTube.com/DDOTVideos](https://www.youtube.com/DDOTVideos)) within 7 days after the meeting has ended.

This meeting is being live streamed to DDOT's Facebook page: [Facebook.com/DDOTDC](https://www.facebook.com/DDOTDC)  
If you do not wish to have your voice recorded, please do not ask to speak. You may enter any questions or comments in the Q&A which we will review in the next few slides.

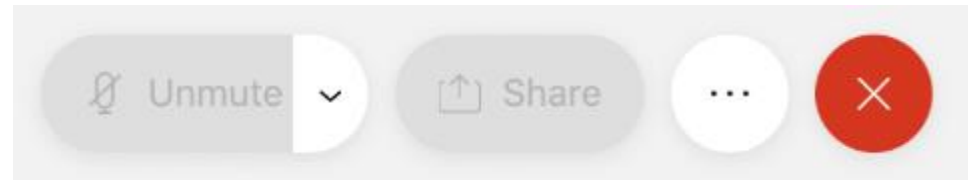
If you need technical support during this meeting, please call 202-253-9320

# Using Webex- Audio & Video

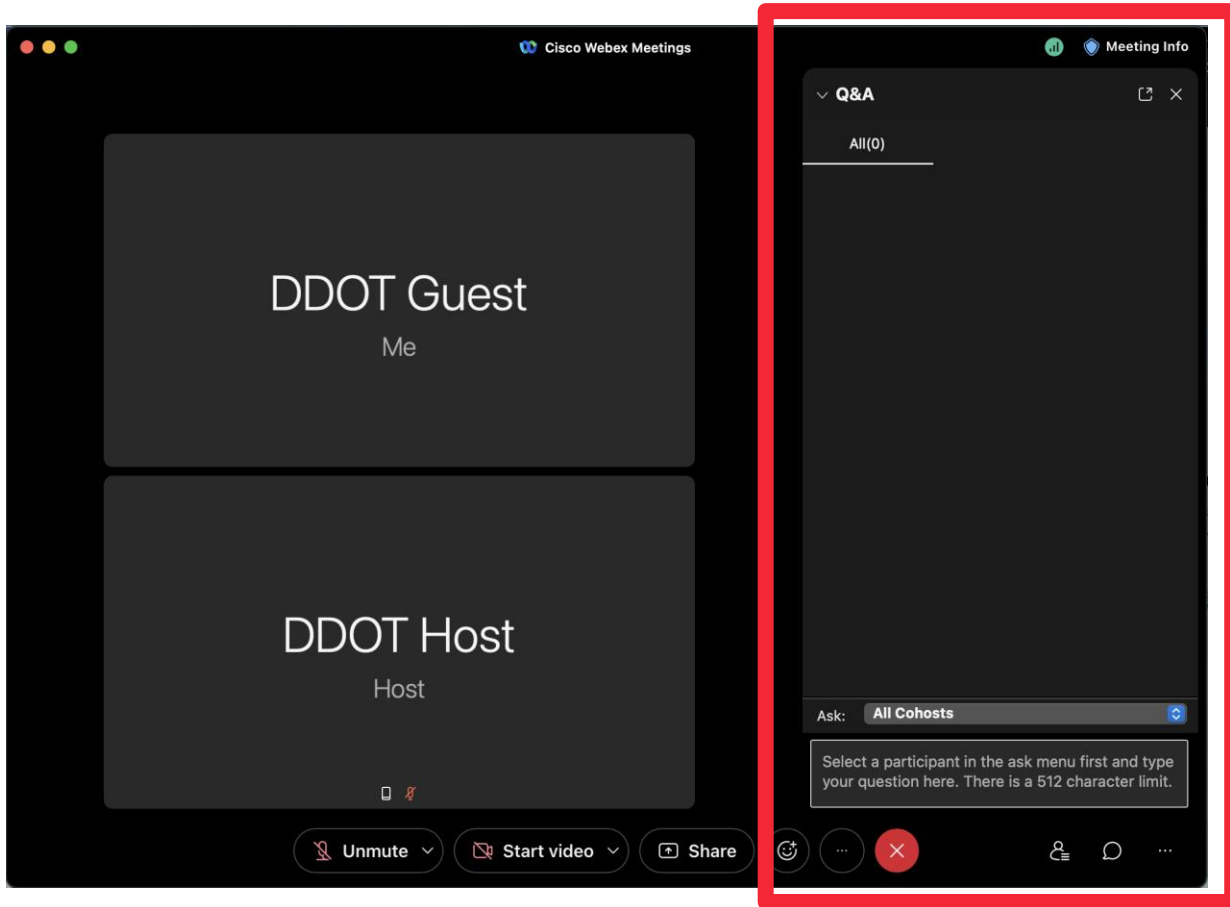
## Audio/Muting

Everyone is on mute. You cannot unmute yourself. We can unmute you during the Q&A and Comment period. This helps ensure the meeting runs smoothly and there are no auditory disruptions during the presentation.

To request to speak, you will need to use the **Raise Hand** feature, which we will cover shortly.



# Using Webex- Q&A



If you have a question or comment that you would like to speak up about, please **raise your hand**. This indicates to the Project Team that you would like to speak.

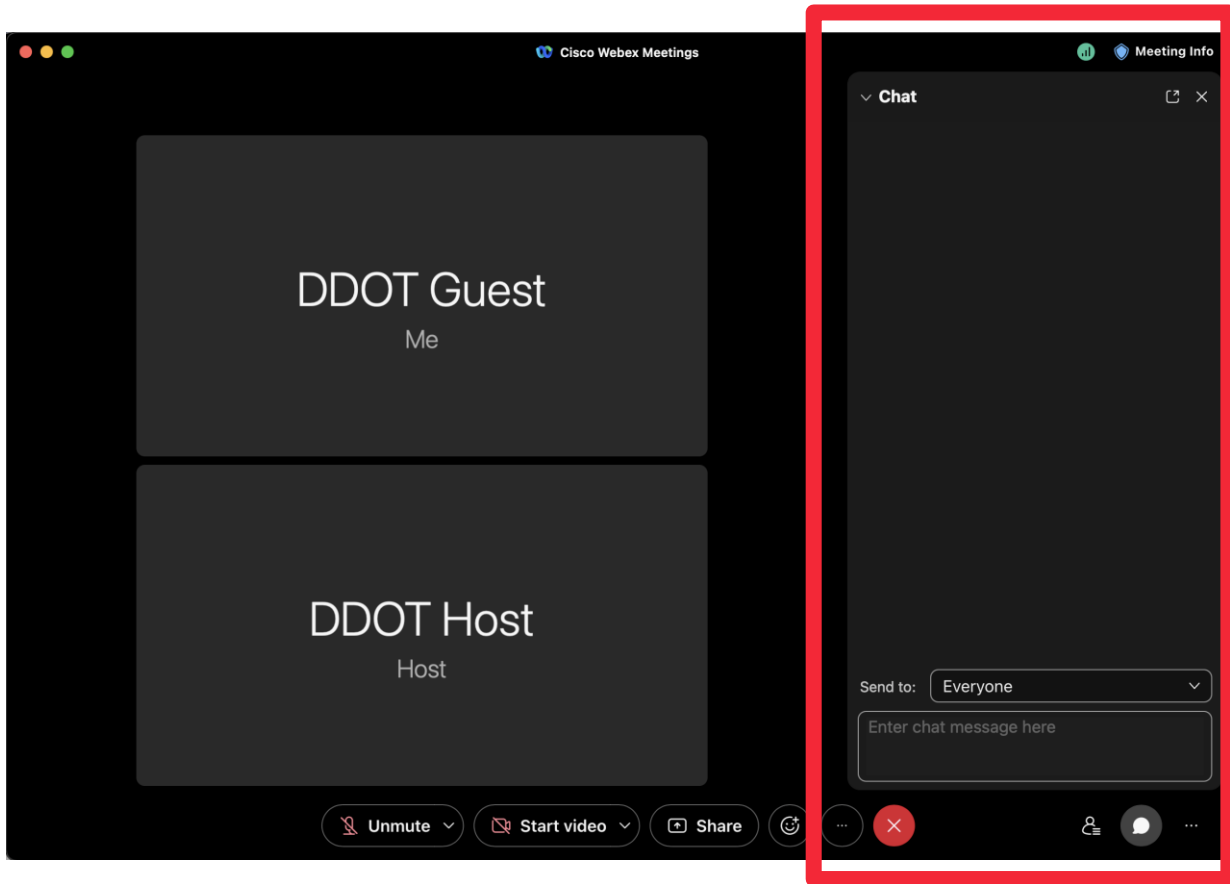
To virtually raise your hand:

- Click the **Participants icon** on the bottom right of the Webex window.
- Hover your cursor next to your name and click the **Raise hand icon**  
Alternatively, you may press the following keys on your keyboard: **Ctrl + Shift + R**

If you joined via browser or mobile app, click the 3 dot (...) icon and select Raise Hand.

If you dialed in by phone, **dial \*3** to use the Raise Hand function.

# Using Webex- Chat



If you have a comment during the presentation, send it via the Chat feature.

To Send a Chat:

- Click "**Chat**" in the bottom right of the Webex window.
- A new panel or window will appear. In the "**Send to**" field, select **All Panelists**.
- Click the text box to type your comment and press the Enter key to send it.

# Meeting Agenda

- ◆ Project Location
- ◆ Site Context
- ◆ Trail Design
- ◆ Bridge Design
- ◆ Questions



# Project Team



## Lead Agencies

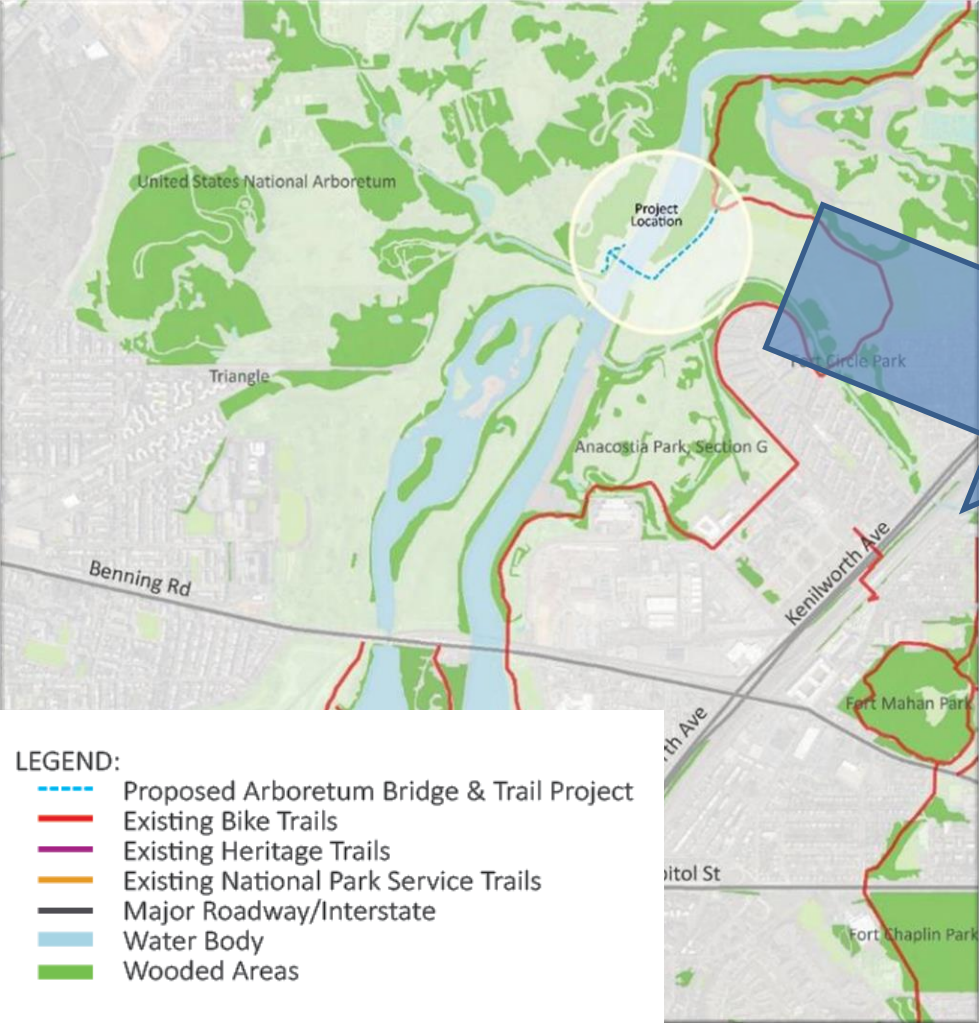
- District Department of Transportation
- National Park Service
- District Department of Parks and Recreation

## Project Design Team

- Engineer of Record – Pennoni Associates
  - Public Outreach – Tina Boyd & Associates
  - Surveying – CV, Inc.
  - NEPA Clearances – Straughan Environmental



# Project Location

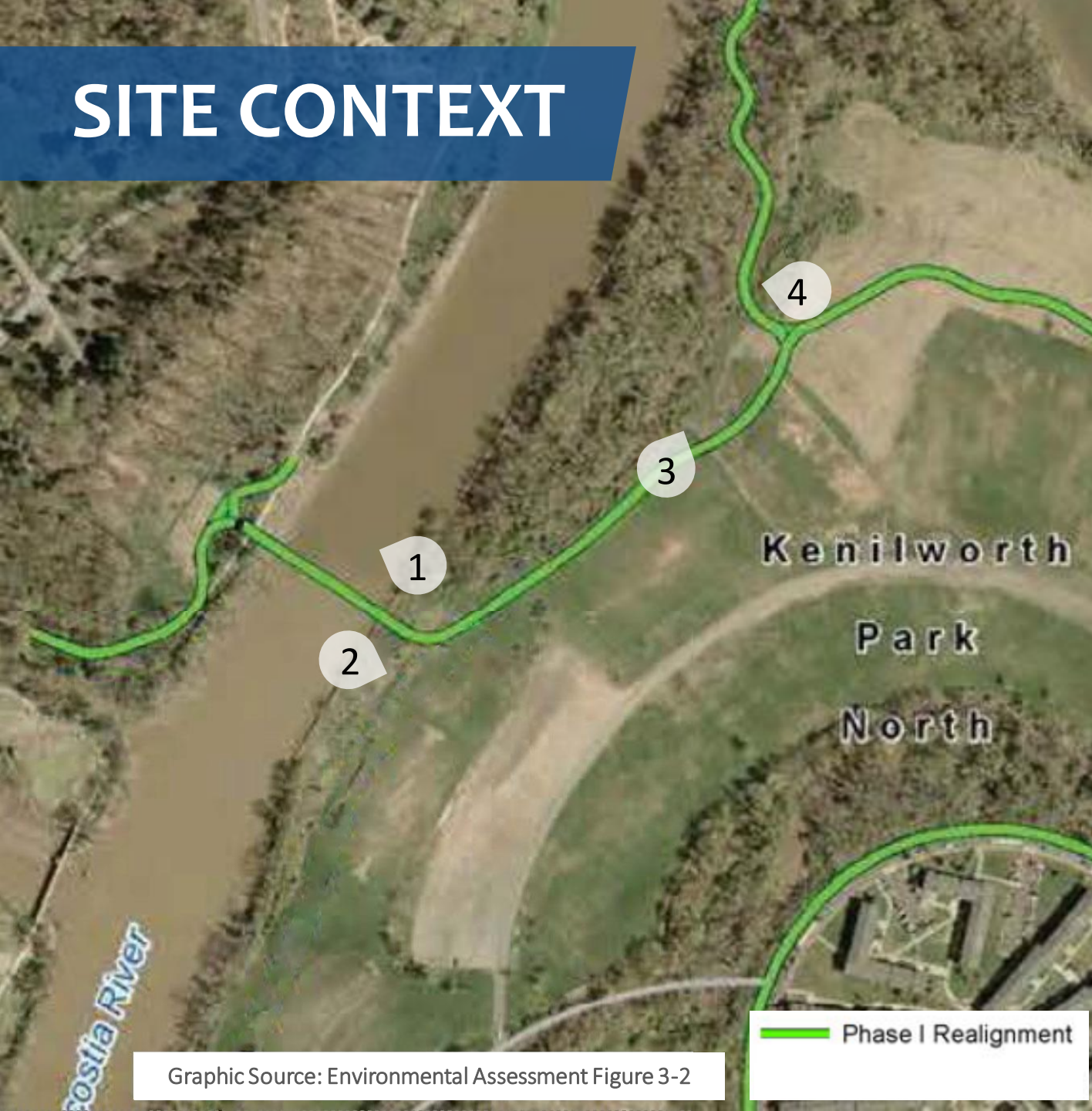


- LEGEND:
- Proposed Arboretum Bridge & Trail Project
  - Existing Bike Trails
  - Existing Heritage Trails
  - Existing National Park Service Trails
  - Major Roadway/Interstate
  - Water Body
  - Wooded Areas





# SITE CONTEXT



Graphic Source: Environmental Assessment Figure 3-2



▲ Photo 1. Looking towards US National Arboretum, West Bank of the Anacostia River



▲ Photo 2. Looking towards future East Abutment towards Kenilworth Park



▲ Photo 3. View looking North from Kenilworth Park, East Side



▲ Photo 4. Adjacent Kenilworth Park Trail segment, East Side

# SITE CONTEXT



Graphic Source: Environmental Assessment Figure 3-2

Phase I Realignment



▲ Photo 5. View from Arboretum side looking towards Kenilworth Park



▲ Photo 6. View from Kenilworth Park



▲ Photo 7. View of existing trail connection



▲ Photo 8. View of existing trail connection

# SITE CONTEXT



Graphic Source: Environmental Assessment Figure 3-2

Phase I Realignment



▲ Photo 9. View of turf and fields looking north

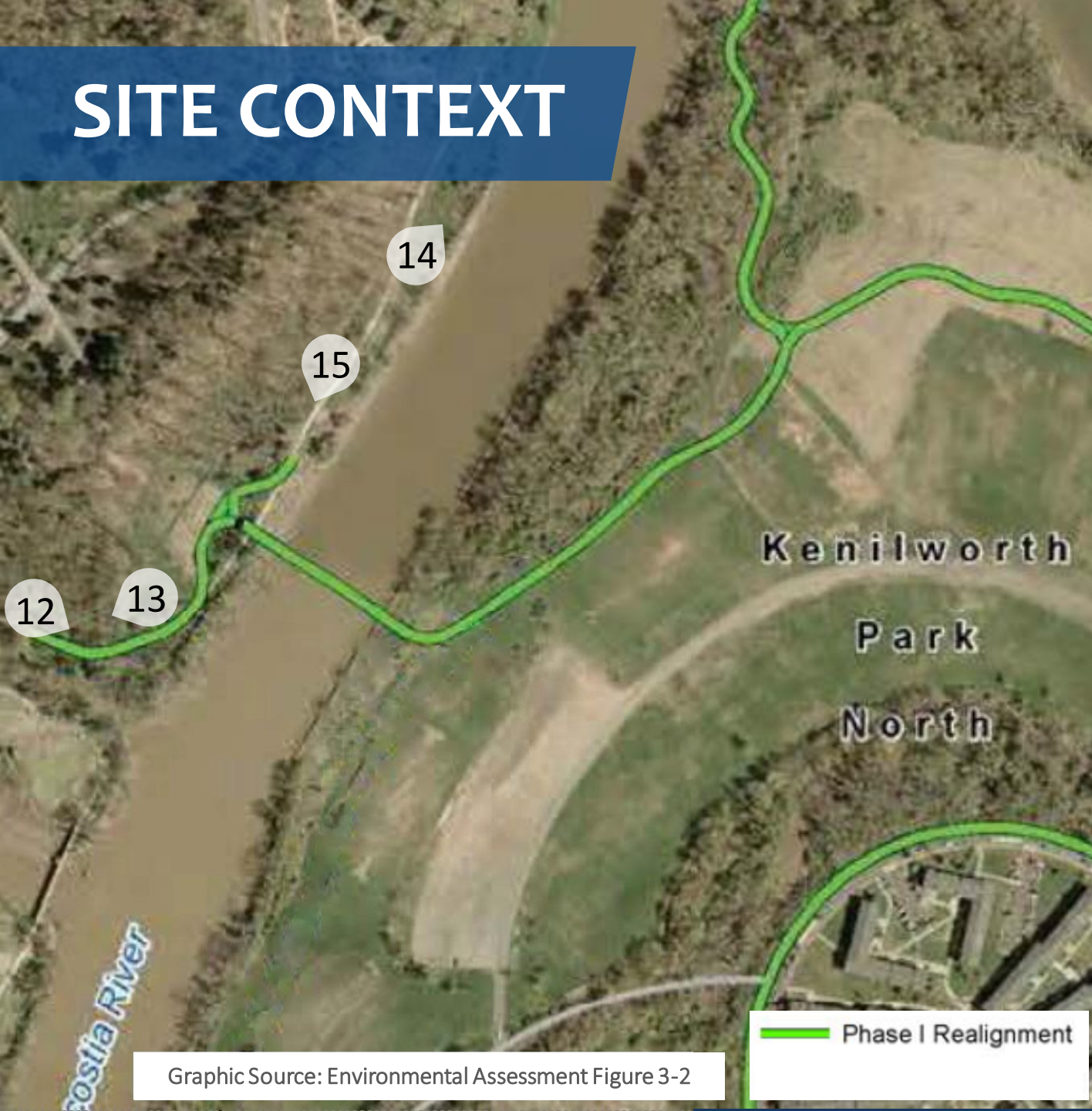


▲ Photo 10. View of existing seawall, looking north



▲ Photo 11. View of mature trees with Kudzu

# SITE CONTEXT



Graphic Source: Environmental Assessment Figure 3-2

Phase I Realignment



▲ Photo 12. View towards arboretum fence



▲ Photo 13. View from west shore looking west



▲ Photo 14. View from west shore Looking northeast

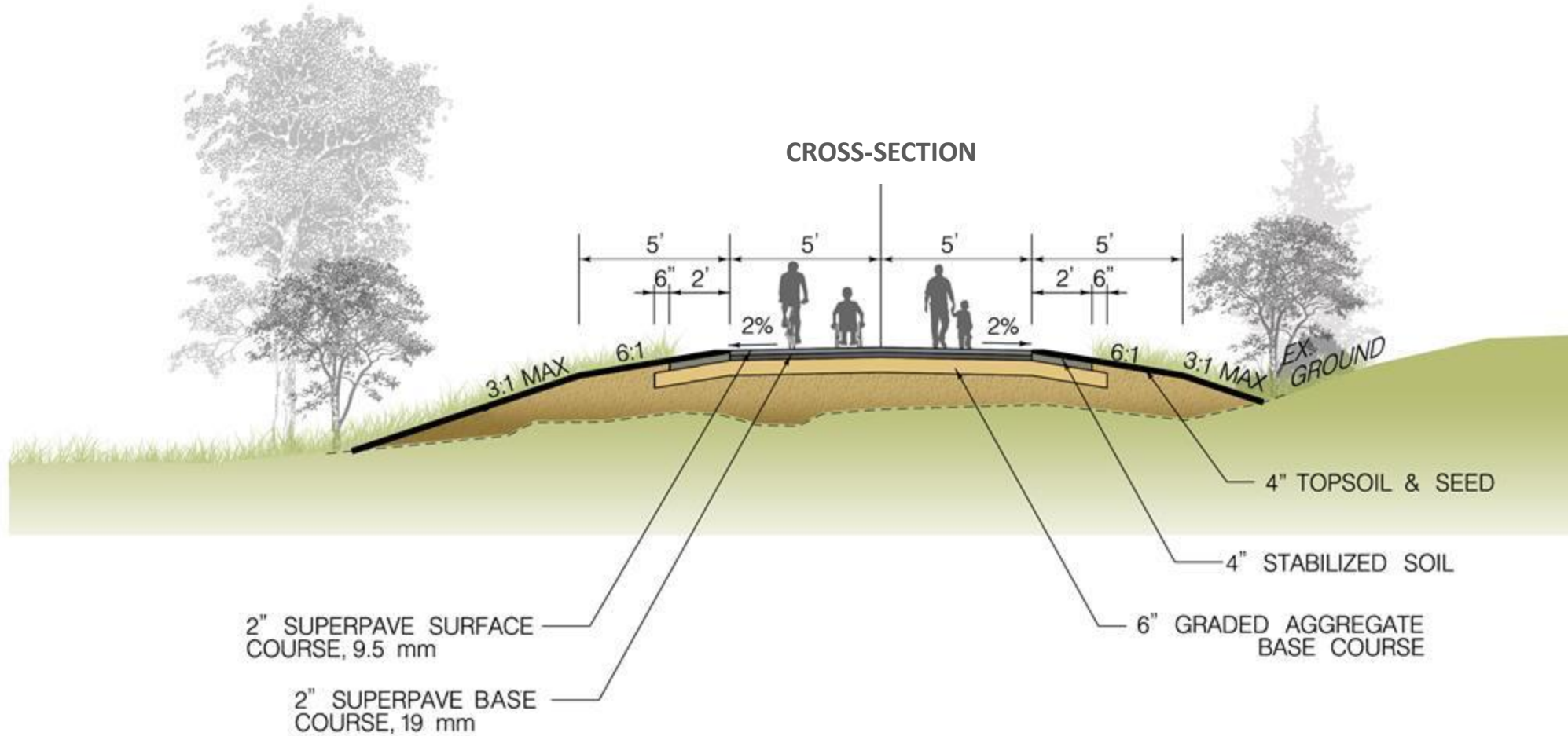


▲ Photo 15. View from west shore Looking southeast

# Trail Design



# Trail Design



# Trail Design

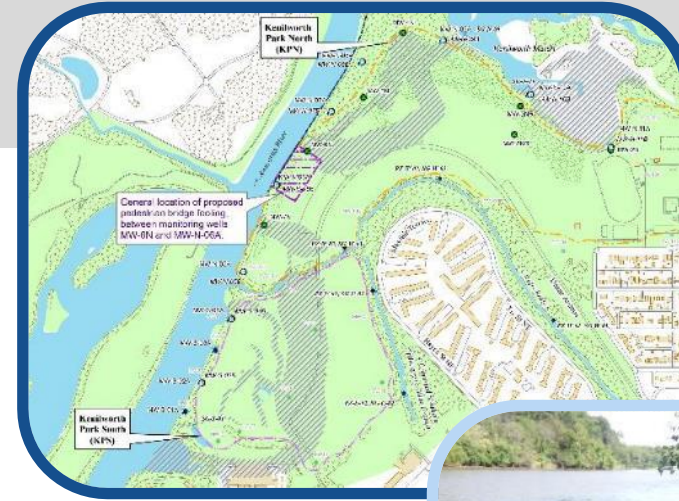


- Wayfinding signs at trail junctions
- 1/2 mile post-mounted markers, 1/10 mile pavement markings
- Designed for light-duty emergency response vehicles

# Bridge Design Constraints

- ◆ Kenilworth Landfill
- ◆ Two Seawalls
- ◆ Freeboard
  - ❖ MHW EL. 2.04
  - ❖ 100 yr EL. 14.52
  - ❖ DEM: 2 ft. above 100 yr
- ◆ Construction Footprint & Cost
- ◆ Future Maintenance
- ◆ Aesthetics
- ◆ USCG Channel

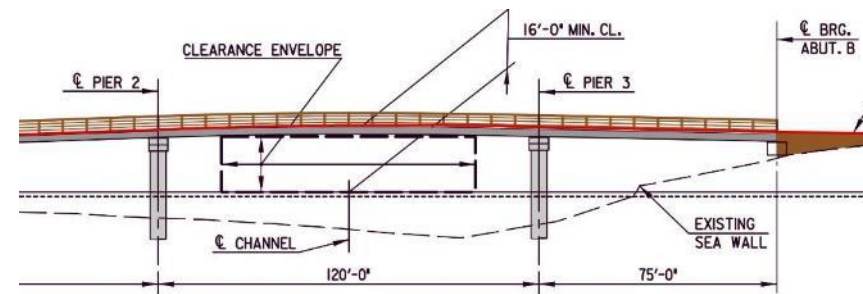
*Helps define minimum bridge height/clearance*



*Kenilworth Park Landfill Limits*



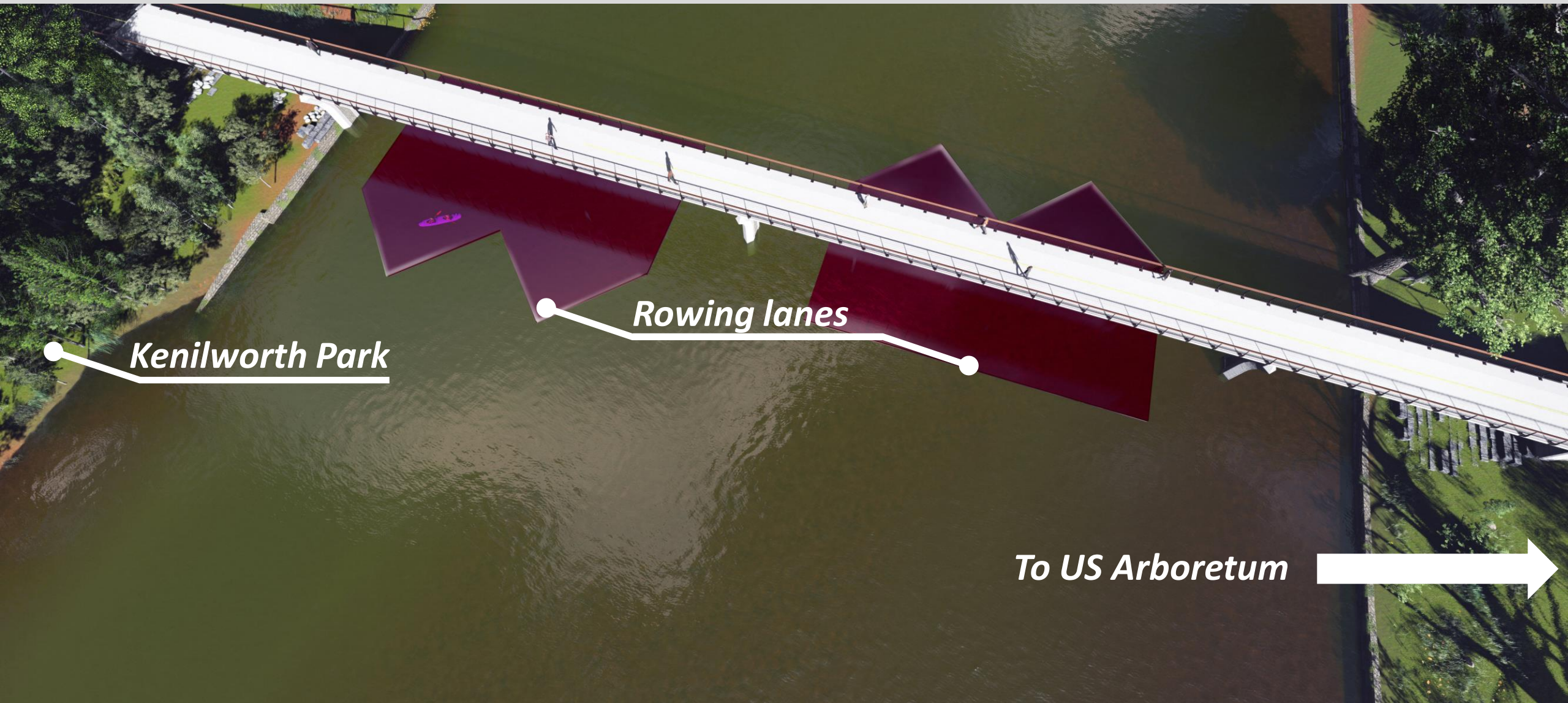
*Anacostia River East Seawall*



*USCG Channel*



# Bridge Design Constraints



*Kenilworth Park*

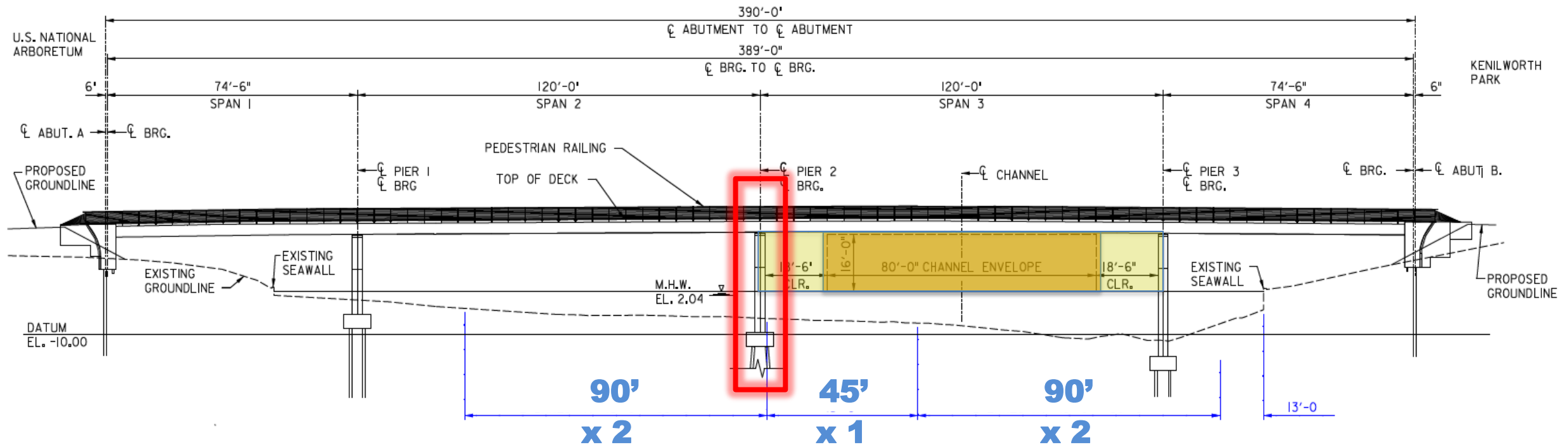
*Rowing lanes*

*To US Arboretum*



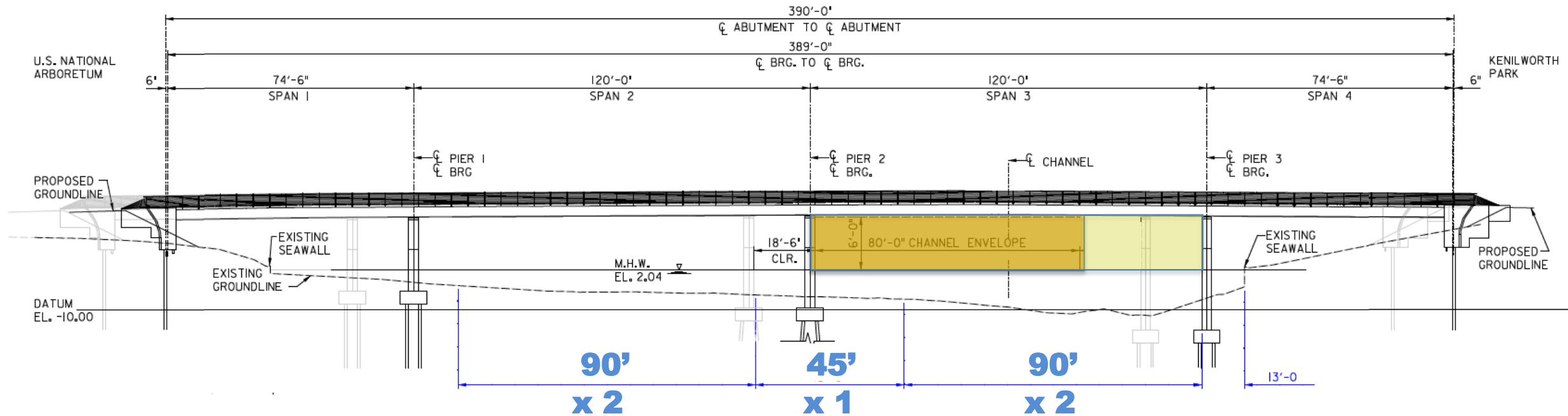
# Original Span Configuration

- ◆ Span arrangement same as EA/FONSI Concept
- ◆ Vertical clearance per DDOT Design and Engineering Manual



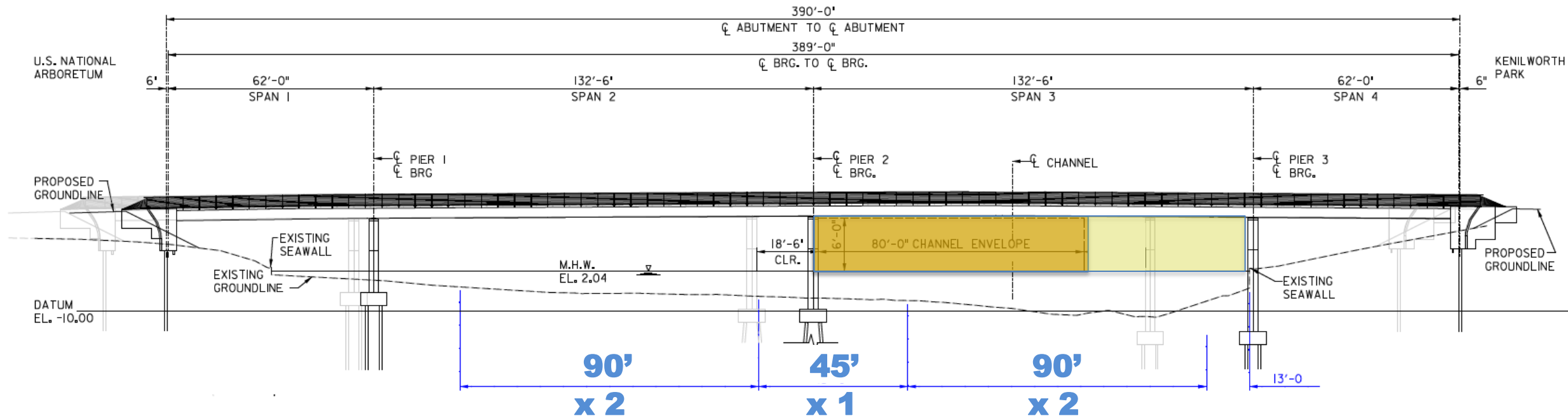
# Alternative Span Configuration

## ◆ Shifted East (18'-6")



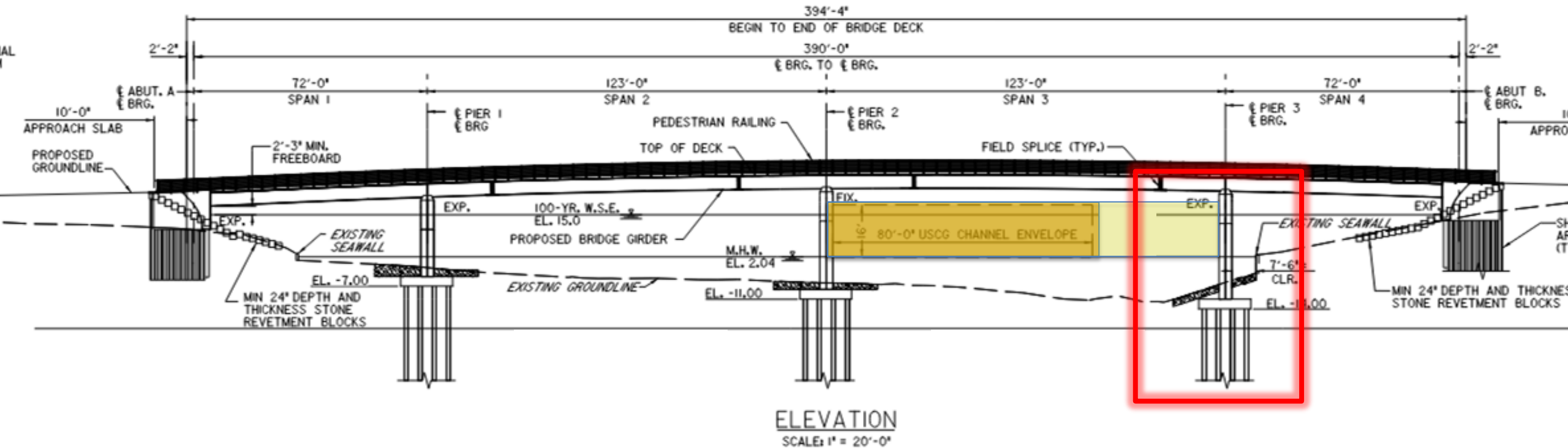
# Alternative Span Configuration

- ◆ Shifted East – with Spans 2 and 3 lengthened to 132'-6"
- ◆ Pier 3 Integral with Seawall



# Final Span Configuration

- ◆ Spans 2 and 3 shortened to 123'-0"
- ◆ Pier 3 shifted 7'-6" away from Seawall



# Bridge Design



# Schedule

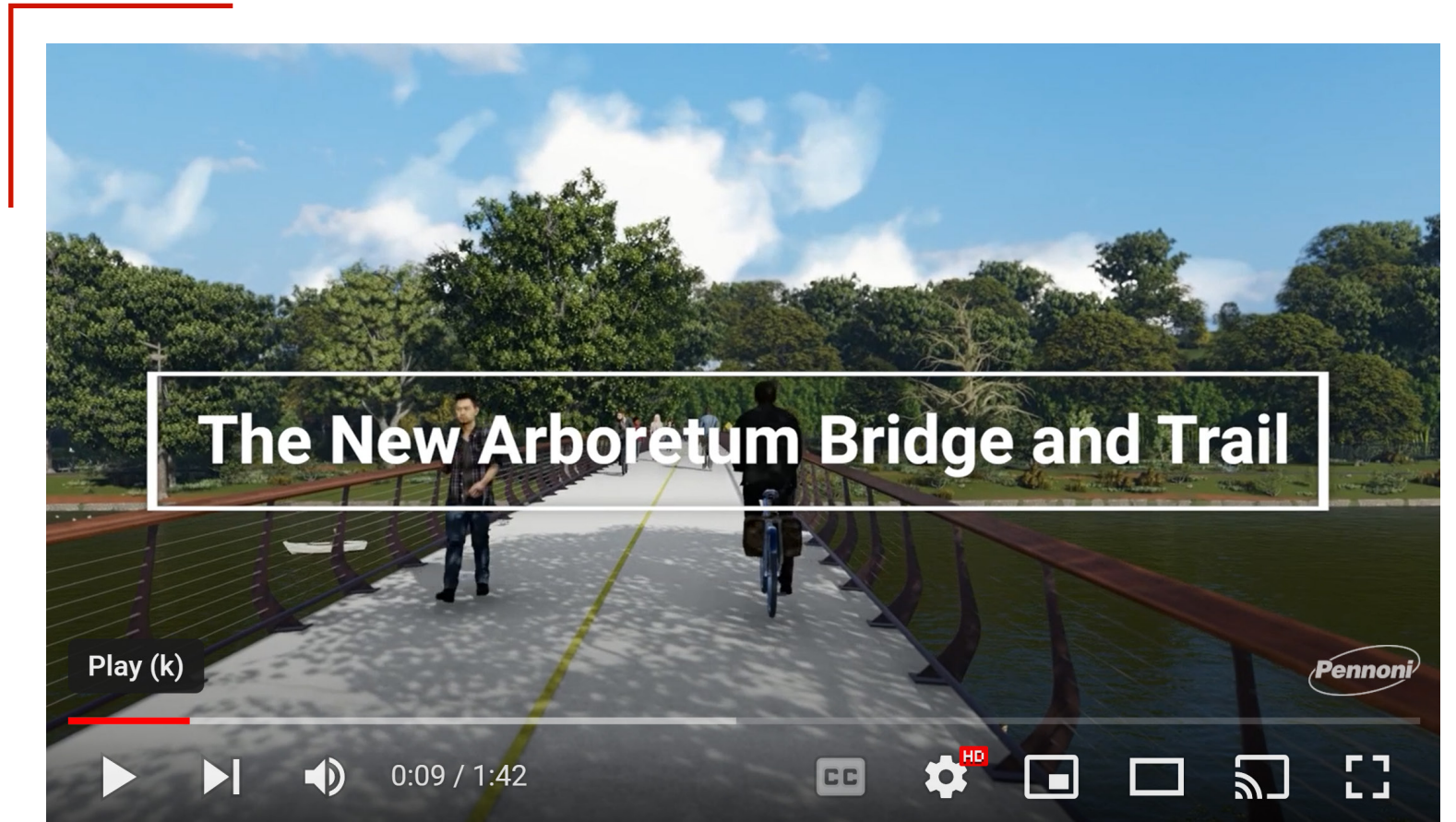


- ◆ Design completion anticipated Fall 2023
- ◆ Construction start anticipated Fall 2024
- ◆ Construction completion anticipated 2026

# Animation of Proposed Bridge and Trail



[youtube.com/watch?v=Y6VP2\\_cZcq4](https://youtube.com/watch?v=Y6VP2_cZcq4)





# Questions?

## Points of Contact

Stacee Hemby – Outreach Coordinator,  
TB&A, [Stacee@tbaconnects.com](mailto:Stacee@tbaconnects.com)

Kyle Ohlson, P.E. – DDOT Project Manager,  
[Kyle.ohlson@dc.gov](mailto:Kyle.ohlson@dc.gov)



Joseph Spadea, P.E. – Consultant Design  
Manager, Pennoni, [jspadea@Pennoni.com](mailto:jspadea@Pennoni.com)



# TITLE VI

rebrand.ly/ArboretumBridgeandTrail-CommentsJuly2023

GOVERNMENT OF THE DISTRICT OF COLUMBIA  
DEPARTMENT OF TRANSPORTATION

d.  

### Title VI Public Involvement Questionnaire

The District Department of Transportation is committed to providing all citizens, regardless of race, color, age, gender, or national origin, the opportunity to participate in and respond to transportation plans, programs, and activities that may affect their community. To help us make sure we are reaching our goal and maintaining compliance with Title VI of the Civil Rights Act of 1964 and all relevant federal and local nondiscrimination laws, we ask that you voluntarily complete the following information. DDOT's Title VI Coordinator will handle the information you provide with confidentiality. For more information regarding DDOT's Title VI Program, please contact DDOT's Transportation Equity and Inclusion Division at 202.671.2700 or [ddot@dc.gov](mailto:ddot@dc.gov).

[Sign in to Google](#) to save your progress. [Learn more](#)

Project/Meeting Name & Date

The Arboretum Bridge and Trail Project, July 27, 2023

Was this meeting held at a convenient time?

Yes

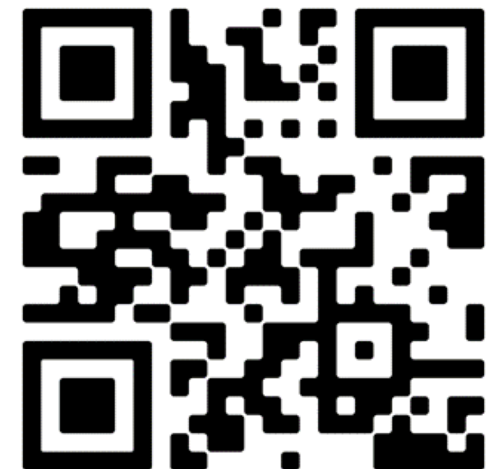
No

[Next](#) [Clear form](#)

As a recipient of Federal assistance, DDOT must ensure that all of its programs, activities and public meetings are conducted in compliance with Title VI of the Civil Rights Act of 1964. This Act ensures nondiscrimination based on race, color or national origin. The Title VI Public Meeting Participant Questionnaire is used to help DDOT ensure that we are informing the public and conducting our meetings in a nondiscriminatory manner, in compliance with Title VI.

Projects comments and/or concerns may also be submitted through this form. We appreciate anyone who is willing to complete this form.

Thank you for your participation.





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# District Department of Transportation

**250 M St SE | Washington, DC 20003 | 202.673.6813**