



# H Street Bridge NE Replacement Landmark Lofts Resident Consultation



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# Welcome

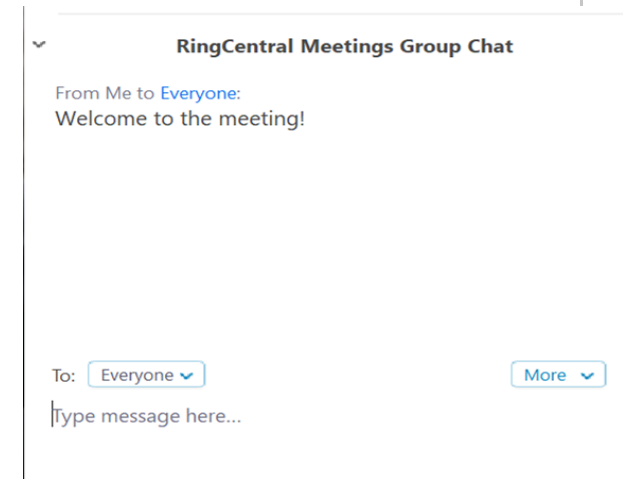
# Technology Review

# Toolbar Function: Audio, Video, & Chat

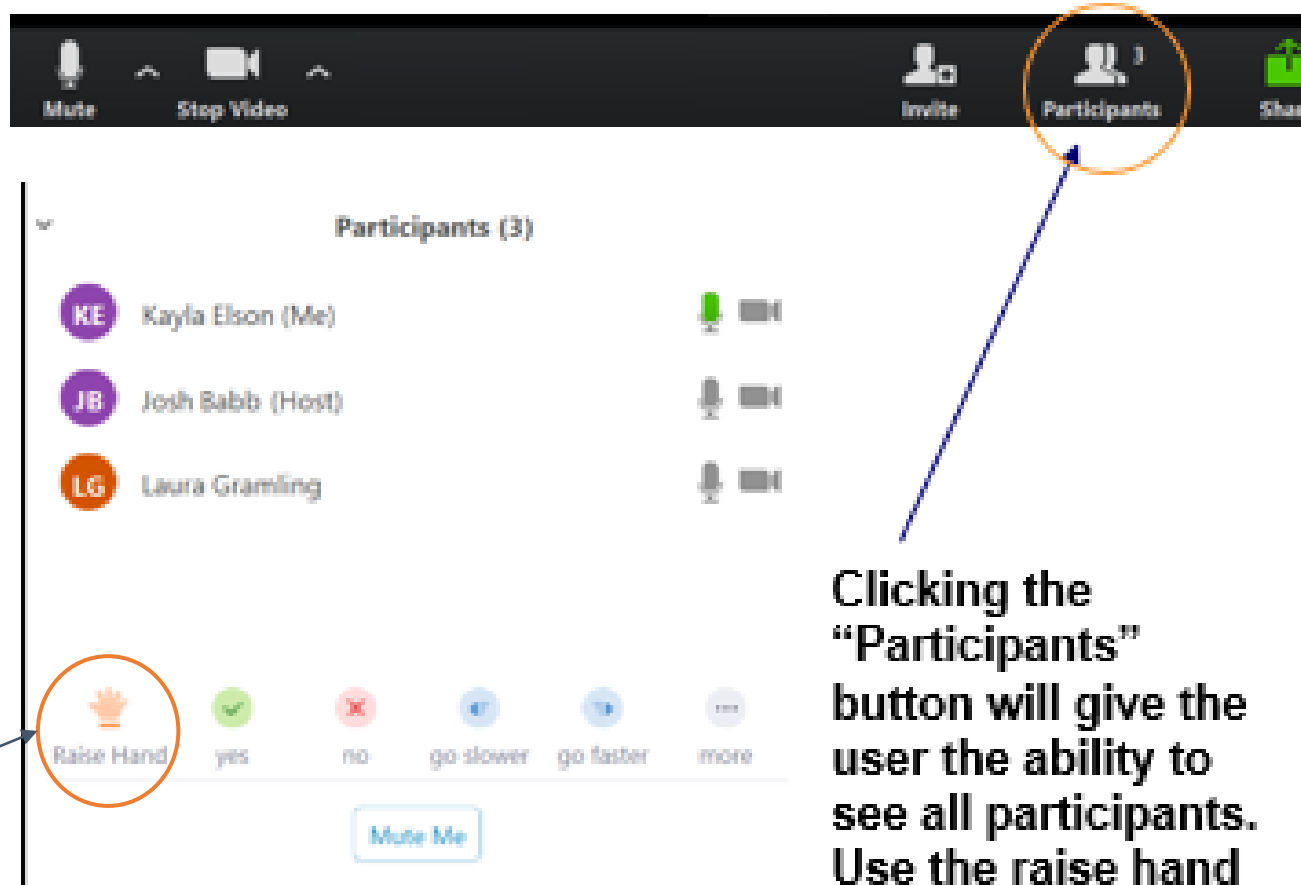


- When the mic is muted a red slash will appear over the microphone icon. Meeting participants will be muted by default except during discussion periods.
- The Video button controls access to your webcam.

Chat for Questions and Comments.



# Toolbar Function: Hand-Raising Feature

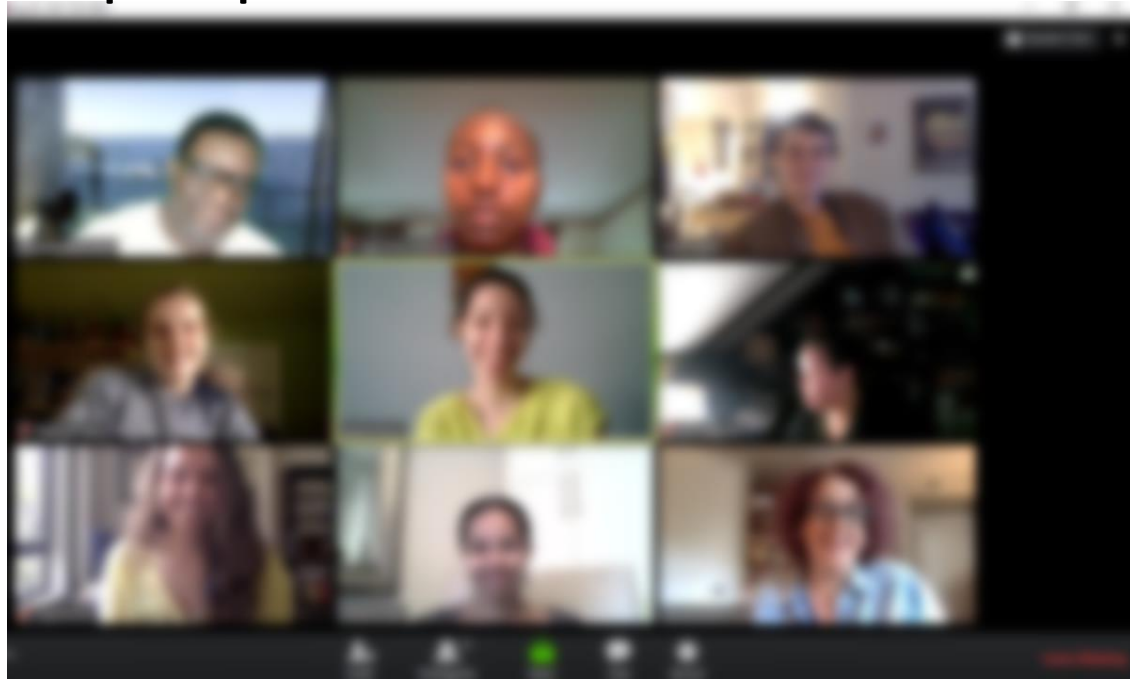


Raise Hand  
Button

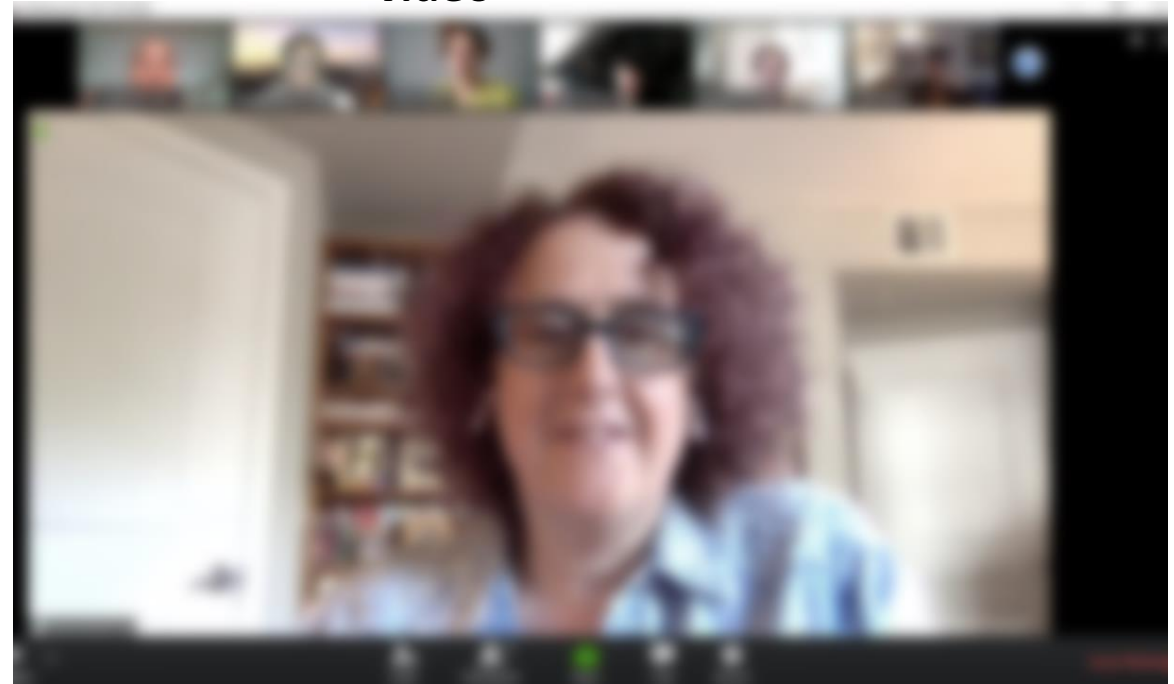
Clicking the  
"Participants"  
button will give the  
user the ability to  
see all participants.  
Use the raise hand  
button if you would  
like to speak.

# Toolbar Function: Speaker & Gallery View

Click Gallery View icon on the upper right side to show all participants' video feeds



Click the same upper right icon to switch view to the speaker's video



# Opening Remarks

# Meeting Overview: May 7, 2020

**Welcome** (Don Edwards - JSA)

**Technology Review** (Ann Harrell - JSA)

**Opening Remarks** (Ali Shakeri - DDOT)

**Project Overview** (Chris Conroy - Jacobs and Ali Shakeri)

**Questions** (facilitated by Don Edwards)

**Next Steps & Closing Remarks** (Ali Shakeri)

**Adjourn** (Don Edwards)



# Project Overview

# H Street NE Bridge Replacement

- The bridge crosses over:
  - 1st Street, NE
  - WMATA tracks
  - Amtrak tracks/platforms
  - 2nd Street, NE
- It provides access to Union Station for vehicles and pedestrians
- Streetcar and metro bus stops are located on top on the bridge





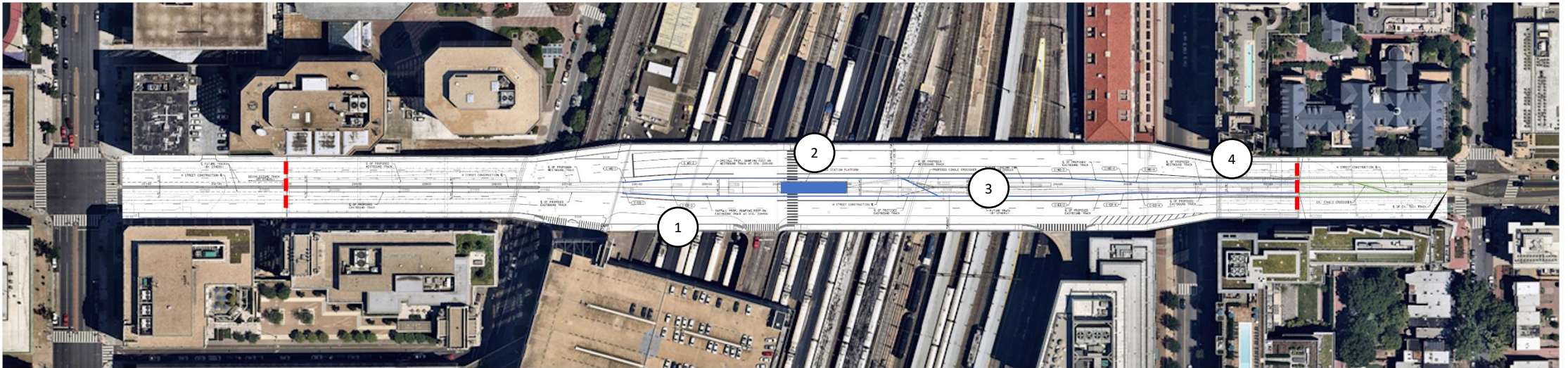
# Why is DDOT Replacing the Bridge?

- The replacement of the bridge is needed to address deficiencies identified in the 2018 Bridge Inspection Report.
  - The bridge deck concrete is in poor condition and with a **deck rating of 4** (out of 10) is categorized as structurally deficient – **in need of replacement**.
  - There is section loss of the deck girder system; pin and hanger corrosion and misalignment; bearing misalignment, anchor bolt deficiencies and joint leakage.
  - There is concrete spalling from columns below track level.



# What will the New Bridge Look Like?

- 1 Travel lanes and sidewalks will be reconstructed close to existing conditions.
- 2 A new, wider, streetcar platform will be constructed slightly further west than the existing.
- 3 Two streetcar tracks will be extended onto the bridge and a new track crossover added on the bridge. The existing track crossover near to 3<sup>rd</sup> Street will no longer be used.
- 4 DDOT will evaluate how the existing pedestrian exit at Senate Square can be safely retained.





# How will the Bridge be Constructed?

*The bridge will be constructed in phases so that access to the parking/bus station and the ramp at Station Place can be maintained.*

- Phase 0 – approx. 12 months
  - Foundation construction within the underpass for permanent and temporary piers
- Phase 1 – approx. 20 months
  - Vehicle and pedestrian traffic moved to the northern side of bridge
  - Reconstruct southern half of bridge
- Phase 2 – approx. 20 months
  - Vehicle and pedestrian traffic switched to southern half of bridge
  - Reconstruct northern half of bridge
- Project Completion – approx. 8 months
  - Re-open all traffic lanes on the bridge
  - Re-certify streetcar operations for newly constructed station



*See detailed construction sequence animation at:*

*<https://www.hstreetbridgeproject.com/>*

*Durations are tentative. Final durations will be based upon the selected contractors schedule.*

# How will Construction Impact Access to Union Station?

- ① Close bus stops on the bridge
- ② Terminate streetcar at 3<sup>rd</sup> Street. Provide shuttle service from 3<sup>rd</sup> Street in to the bus station.
- ③ Vehicle access to the Parking Garage will be maintained
- ④ For-hire vehicle drop-off will be maintained
- ⑤ Inter-city bus access will be maintained
- ⑥ Maintain one lane access to Station Place
- ⑦ 1<sup>st</sup> Street and 2<sup>nd</sup> Street are to remain open throughout construction with night time closures allowed for safety critical activities



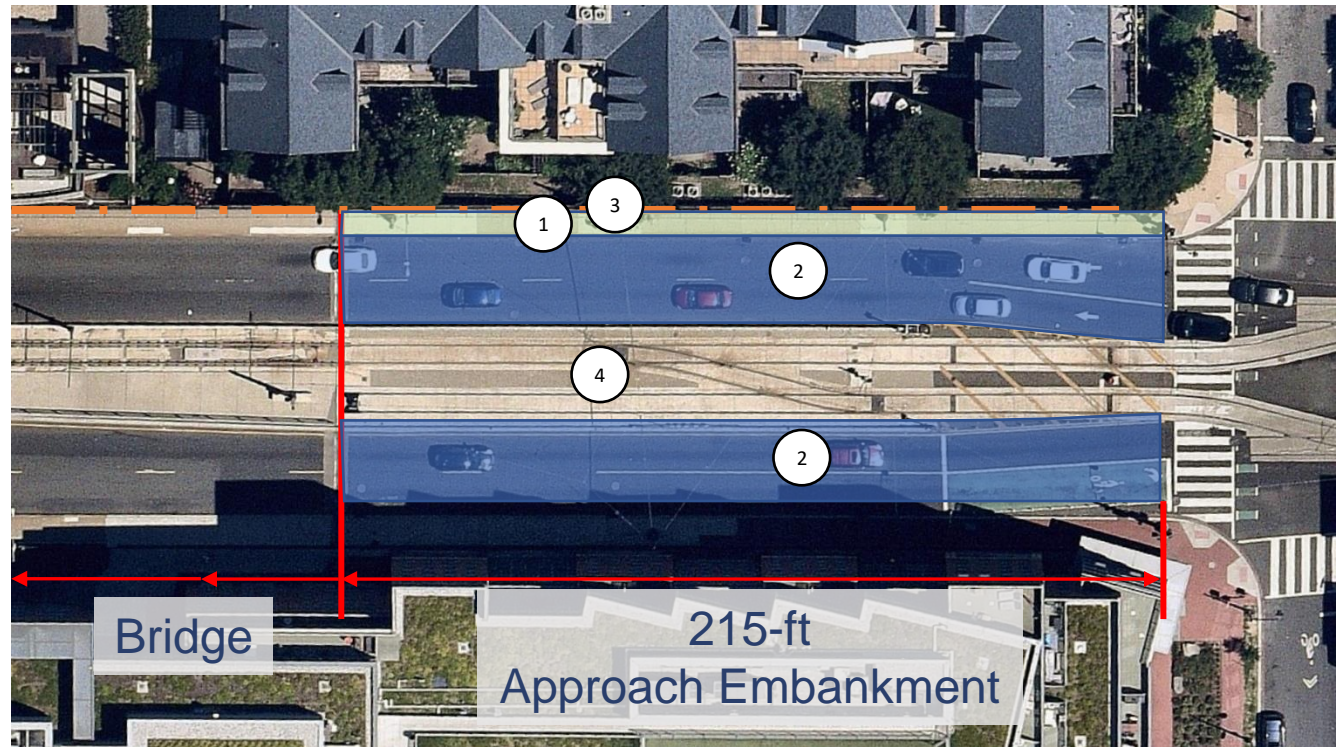


# What Construction Will Take Place on the Approach?

- ① Replace curb and sidewalk
- ② Resurface the roadway
- ③ New parapet and railing, existing retaining walls will remain
- ④ Streetcar will continue operating within pocket track

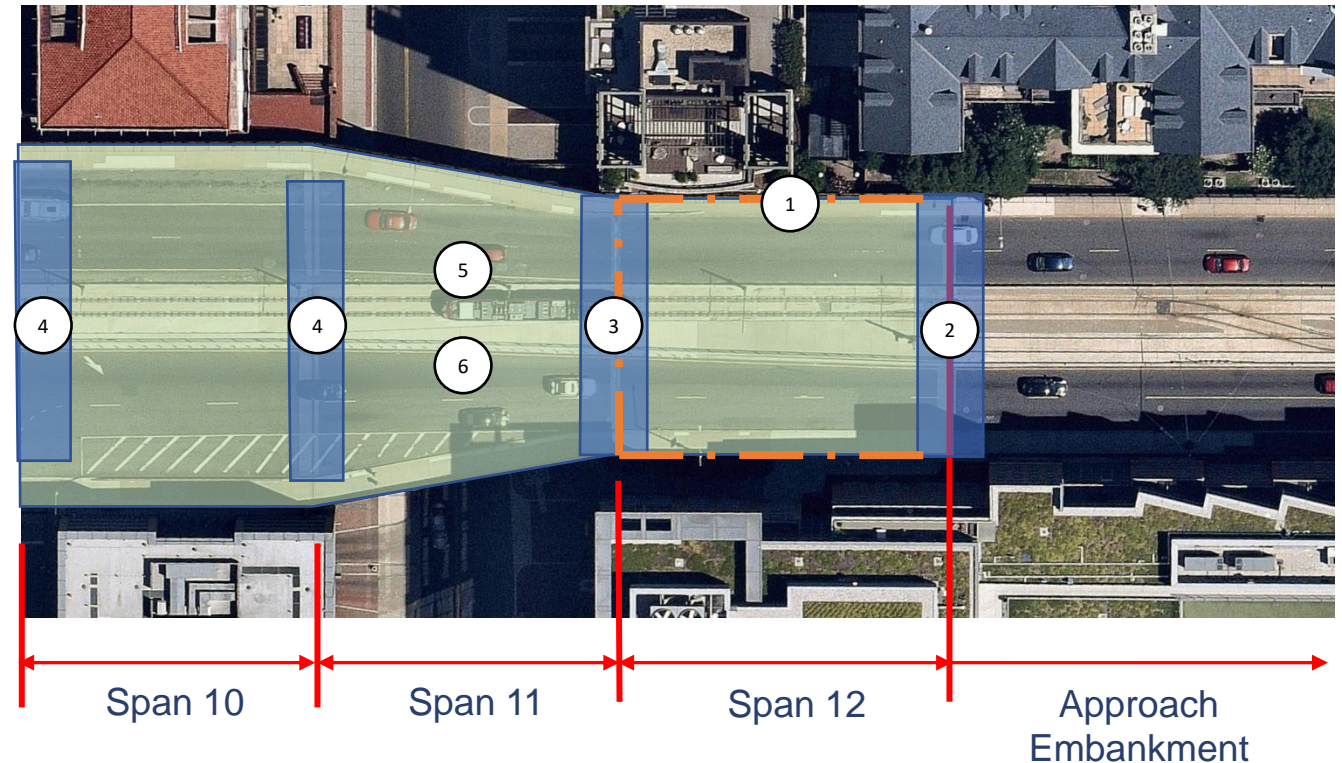


Fencing example (Monroe Street Bridge)



# What Bridge Construction Activities will happen Near to 2<sup>nd</sup> Street?

- 1 Existing concrete wall around the first span will be retained
- 2 Existing abutment will be repaired and re-used
- 3 First pier will be strengthened and re-used (spread footing – not piled)
- 4 Piers, from the second west through the rail yard, will be demolished and replaced using drilled in piles
- 5 Bridge deck concrete will be saw cut and lifted – not jack hammered
- 6 Girders will be cut and lifted



*The bridge contractor will be required to comply with the noise requirements of the DC Municipal Regulations (DCMR) Title 20 for all construction activities.*



# Construction Access and Times of Work?

- ① Work over the rail yard, that has the potential to foul tracks, must be done at night.
- ② Work outside of the rail yard will be during the day.
- ③ Access to the bridge will predominantly be from North Capitol to avoid construction traffic in the neighborhood.
- ④ Access into the underpass will be from First and Second Streets.
- ⑤ Contractor parking will be prohibited on local streets.





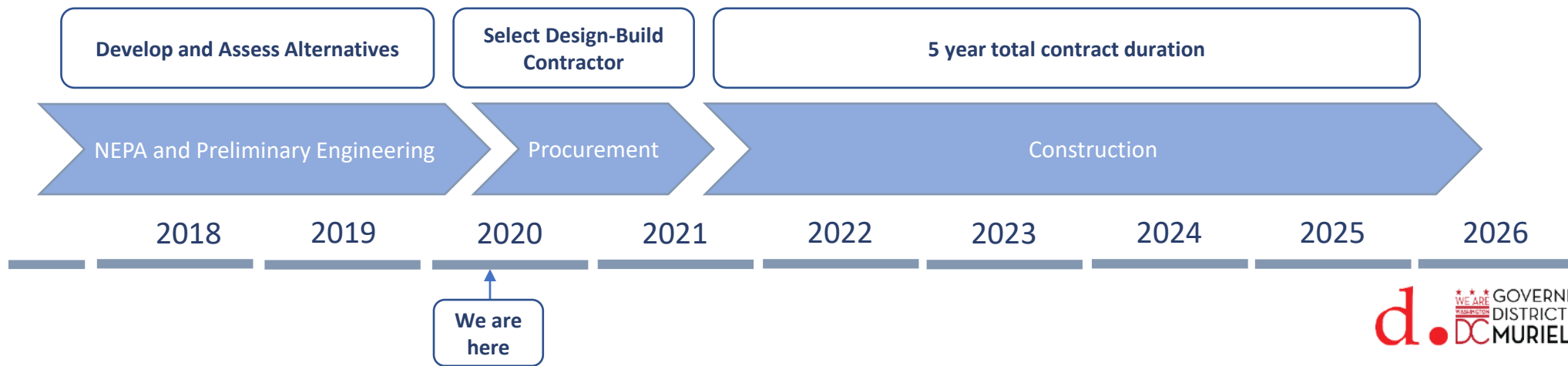
# Protection of Adjacent Properties?

- DDOT has proactively begun coordination with adjacent properties.
- The bridge contractor will be required to provide protection to items that are in close proximity to DDOT right of way that cannot easily be moved, including: HVAC units, utilities, windows, vehicular access and a generator.
- A draft right of entry agreement has been provided to all properties. This will become part of the bridge contract to ensure that adjacent properties are protected.



# Design Build Procurement

- Project will be constructed through a design build contracting approach
- DDOT will:
  - Complete preliminary engineering and NEPA approvals
  - Procure a Design Build team (DDOT has not yet selected a contractor)
- Design Builder will:
  - Complete the final design
  - Construct the bridge
- Contract includes liquidated damages for failure to meet schedule
- Investigating options to incentivize the contractor to improve on schedule
- The total cost of the project is \$225m, of which approximately \$5m is Federal



# Summary

- Construction Noise:
  - Use alternative, OSHA compliant, solutions to back-up alarms
  - Use saw cutting for demolition of concrete over jack hammering
  - Sound insulation for noise critical activities
- Neighborhood Streets
  - Primary access will be via North Capitol
  - Enforce no contractor parking on neighborhood streets
- Vibration
  - Pile driving is not feasible for the new bridge foundations.
  - Foundations closest to Landmark Lofts will be retained and reused
- Dust
  - Primary dust generating activities are contained to the H Street underpass

# Summary

- Working Hours

- Construction work over the rail yard that has the potential to foul tracks must be done at night in coordination with Amtrak rail operations
- Construction work that is contained within the H Street underpass can be done at any time
- Construction work outside of the rail yard will generally be during the day time

- Communication

- DDOT will communicate upcoming construction activities with the management of adjacent properties
- There will be a 24-hour contact number for the project
- There will be a single point of contact for residents to communicate with

# How Do I Get In Touch?

- We are planning for a second public meeting later this year
- The Community Communication Committee, which includes representatives from all adjacent properties, businesses and ANCs, will begin to meet more frequently as we move into construction
- Email [info@hstreetbridgeproject.com](mailto:info@hstreetbridgeproject.com)
- Stay connected at [www.hstreetbridgeproject.com](http://www.hstreetbridgeproject.com)
- Contact: Ali Shakeri,  
DDOT Program Manager Wards 5&6  
[ali.shakeri@dc.gov](mailto:ali.shakeri@dc.gov),  
202-671-4612

# Questions



# Next Steps & Closing Remarks





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District Department of Transportation