



# Richmond St. Bridge Preservation Project

## *Public Information Meeting*

December 4, 2023

Project File No. 613460





# Agenda

- 01 Project Background
- 02 Purpose & Need
- 03 Construction Approach
- 04 Construction Impacts
- 05 Public Outreach
- 06 Questions & Answers

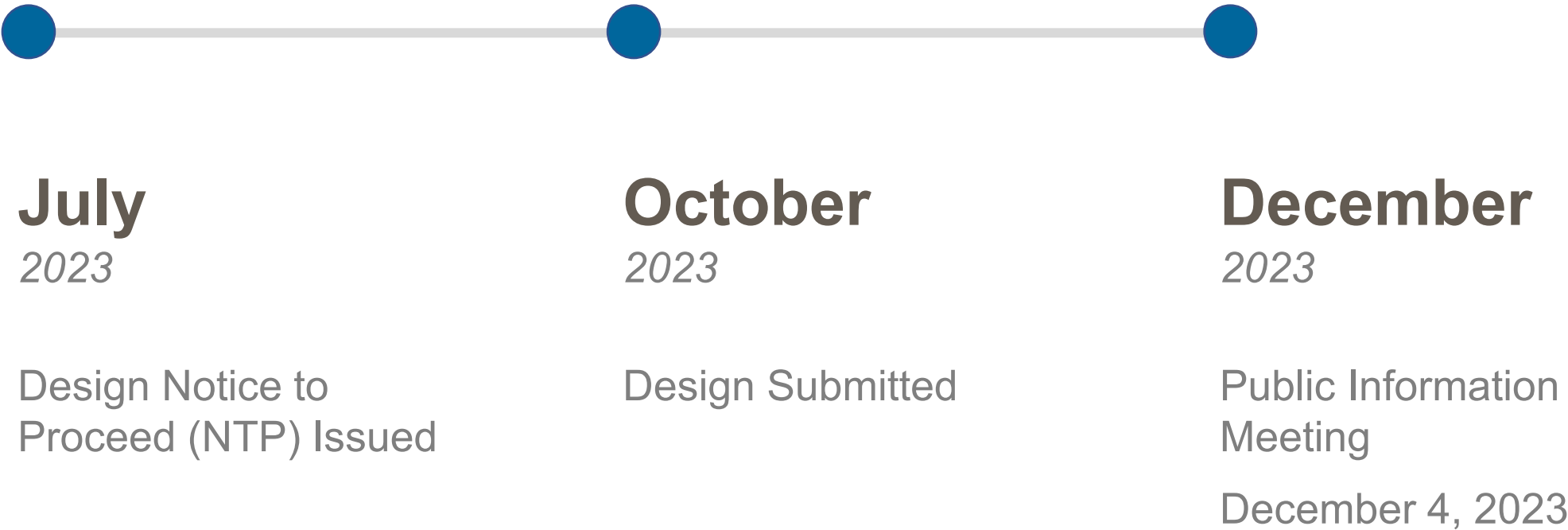




# Project Area



# How did we get here?







**Why was this  
project  
initiated?**



# Existing Conditions – Sidewalk and Roadway





# Existing Conditions – Joint Leakage





## Existing Conditions – Substructure



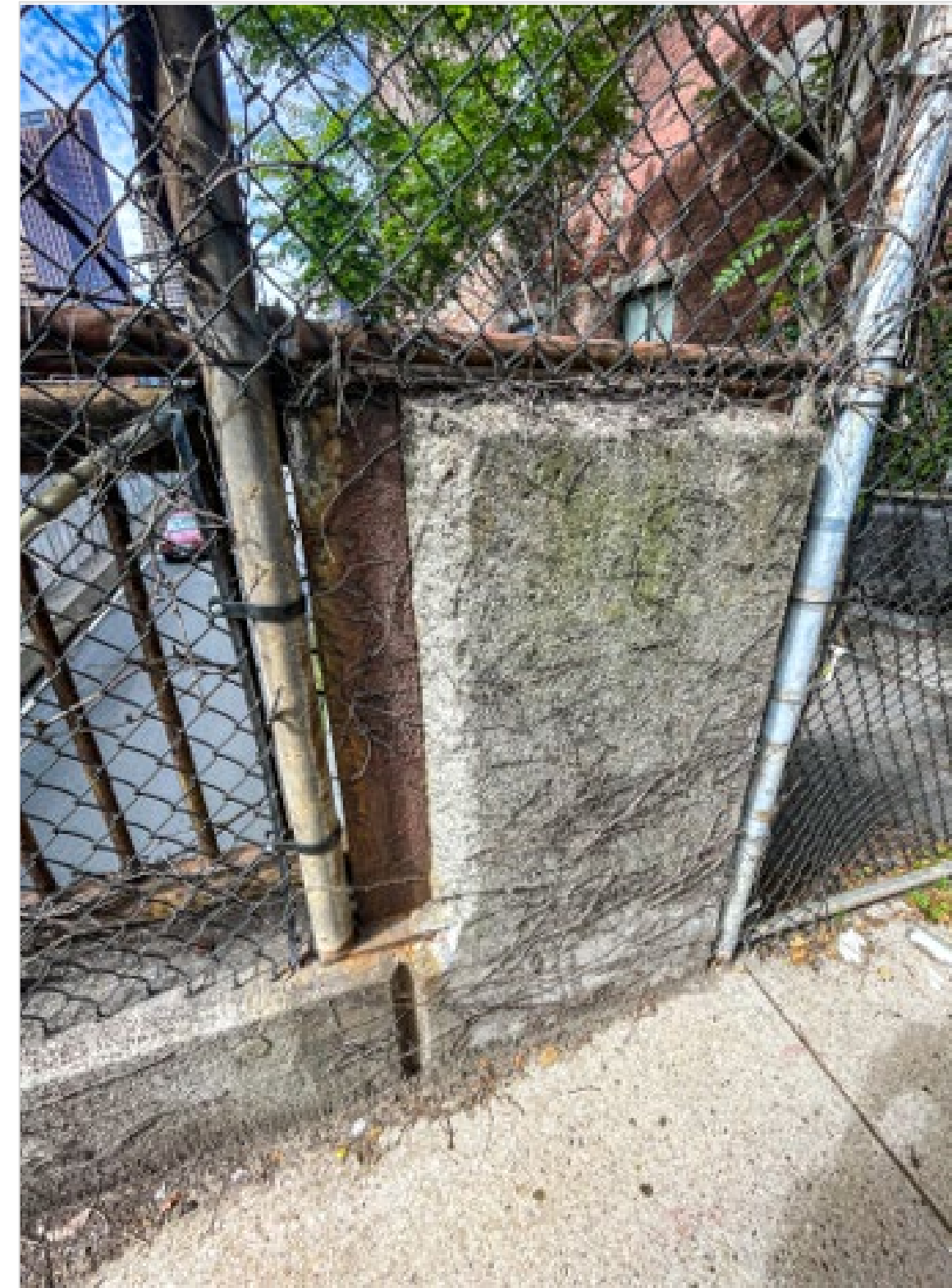


## Existing Conditions – Superstructure





## Existing Conditions – Railing







**What do we  
want to  
accomplish?**



## Project Goals

- Return the bridge structure to its original condition through repairs
- Upgrade the bridge railing system
- Extend the life of the bridge



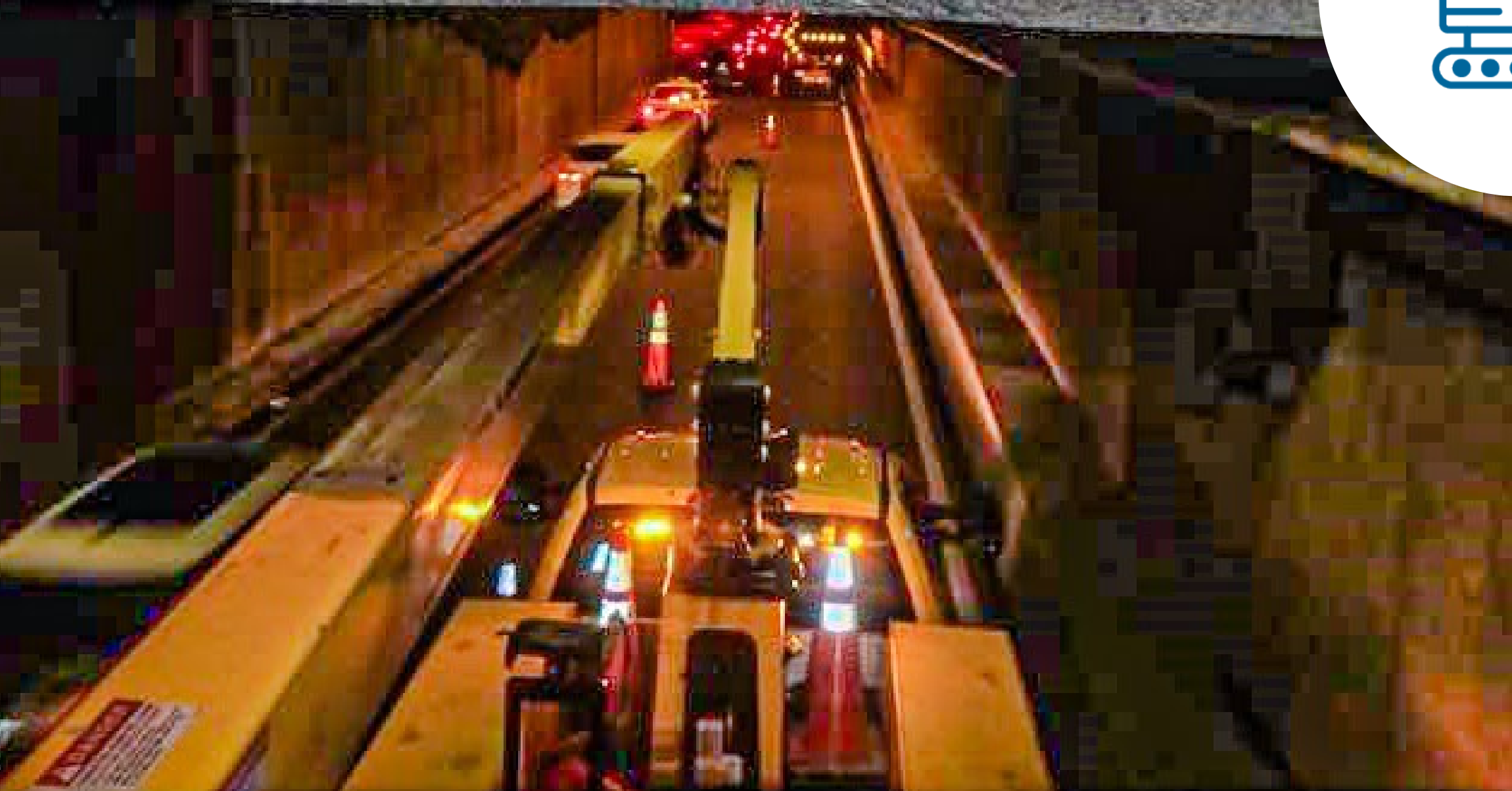
## Project Scope

- All within footprint of bridge:
  - Replace topping slab and repave roadway
  - Repair joints
  - Repair concrete superstructure
  - Repair concrete substructure
  - Replace sidewalk
  - Replace bridge rail and fence





**What is the  
construction  
approach?**



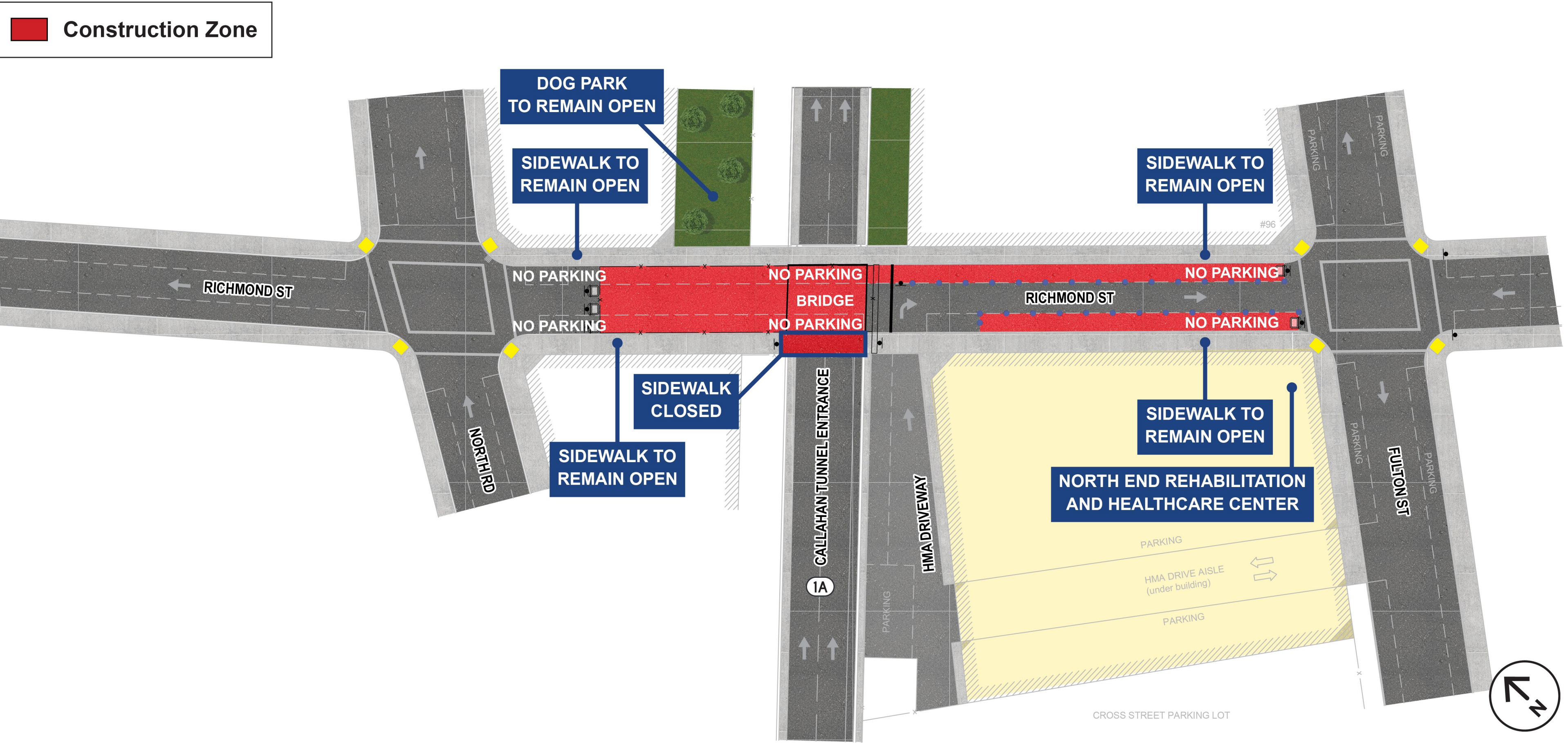


# Construction Approach

- Topside Stage 1: Six Weeks
  - Full vehicular detour
  - One sidewalk closed over bridge only
  - All parking along block inaccessible
  - Exit from nursing facility maintained
- Topside Stage 2: Four Weeks
  - Open to vehicular traffic
  - One sidewalk closed over bridge
  - One side of parking restricted/inaccessible
- Underside: Twelve Weeks
  - Single lane nightly closure of Route 1A (Callahan Tunnel approach)



# Phase 1 Construction Work Zone





# Phase 1 Traffic Detour





# Phase 1 Rehab Center Exit Route



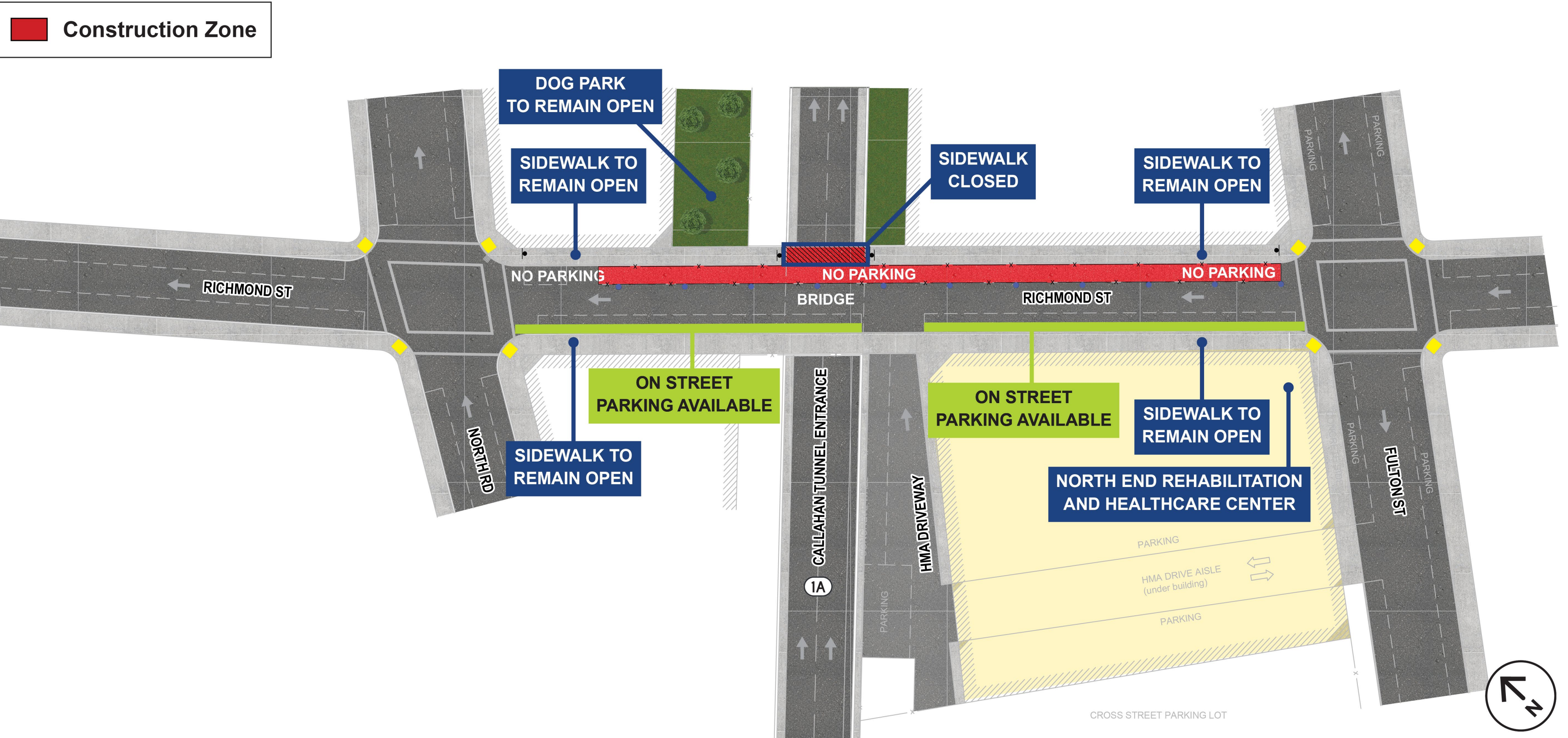


# Phase 1 Pedestrian Detour





# Phase 2 Construction Work Zone





# Phase 2 Traffic Flow





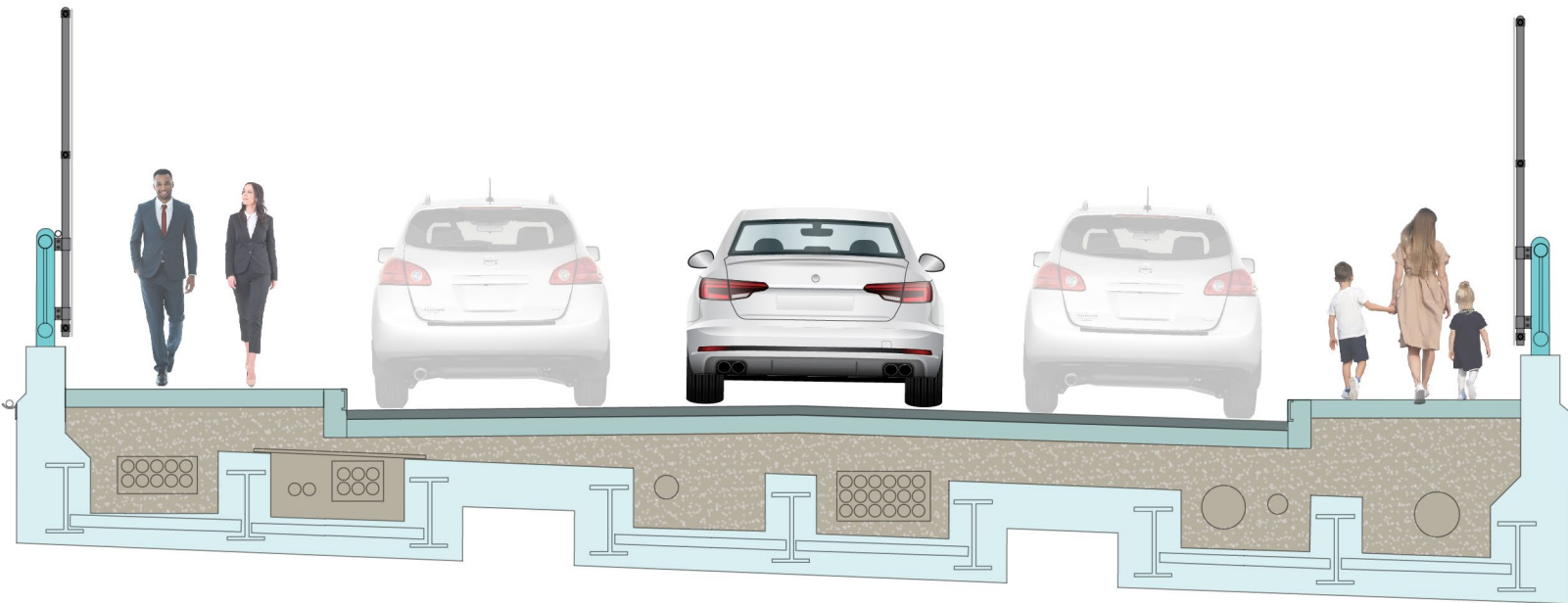
# Phase 2 Pedestrian Flow



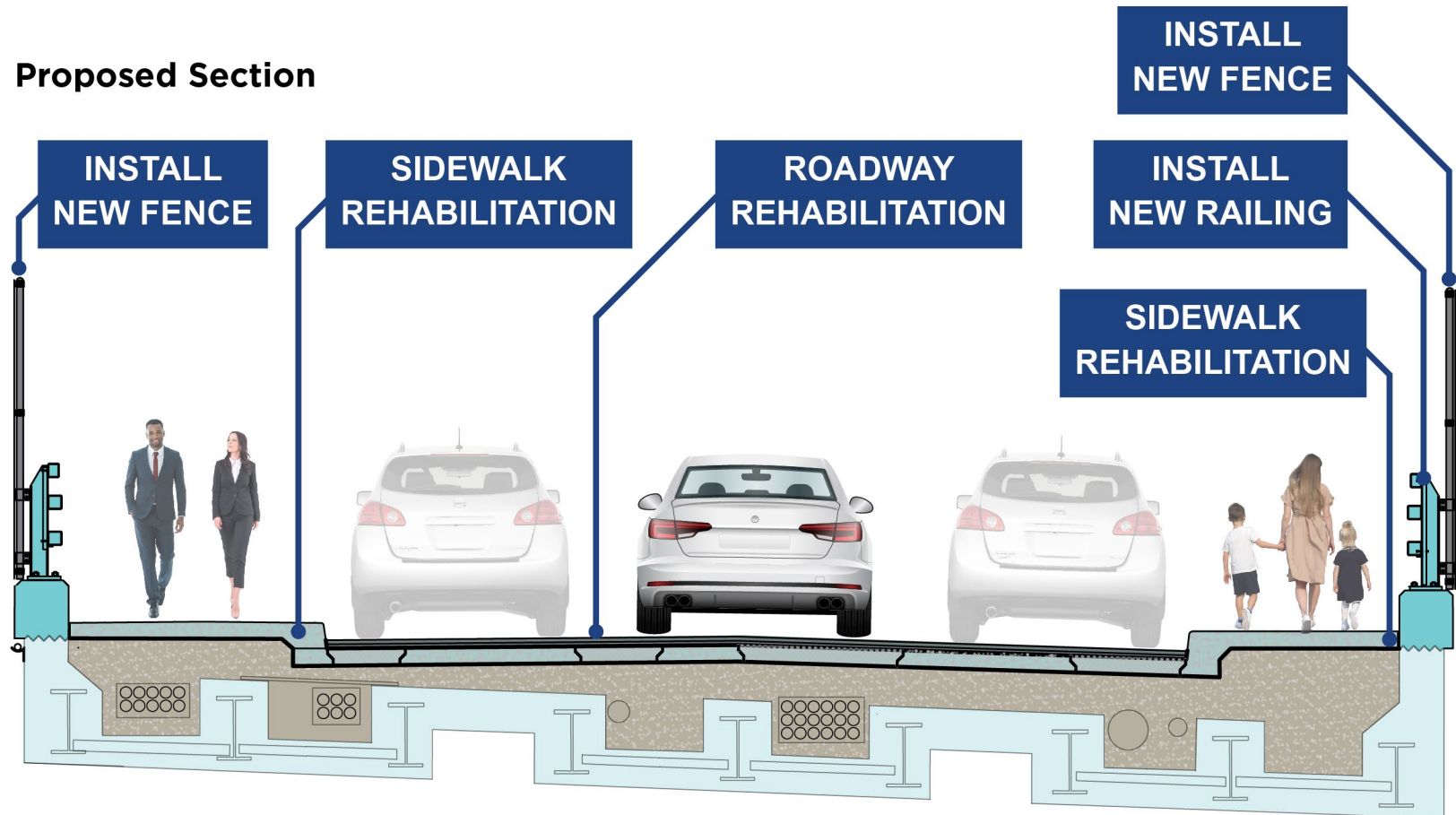


# Bridge Construction Cross Sections

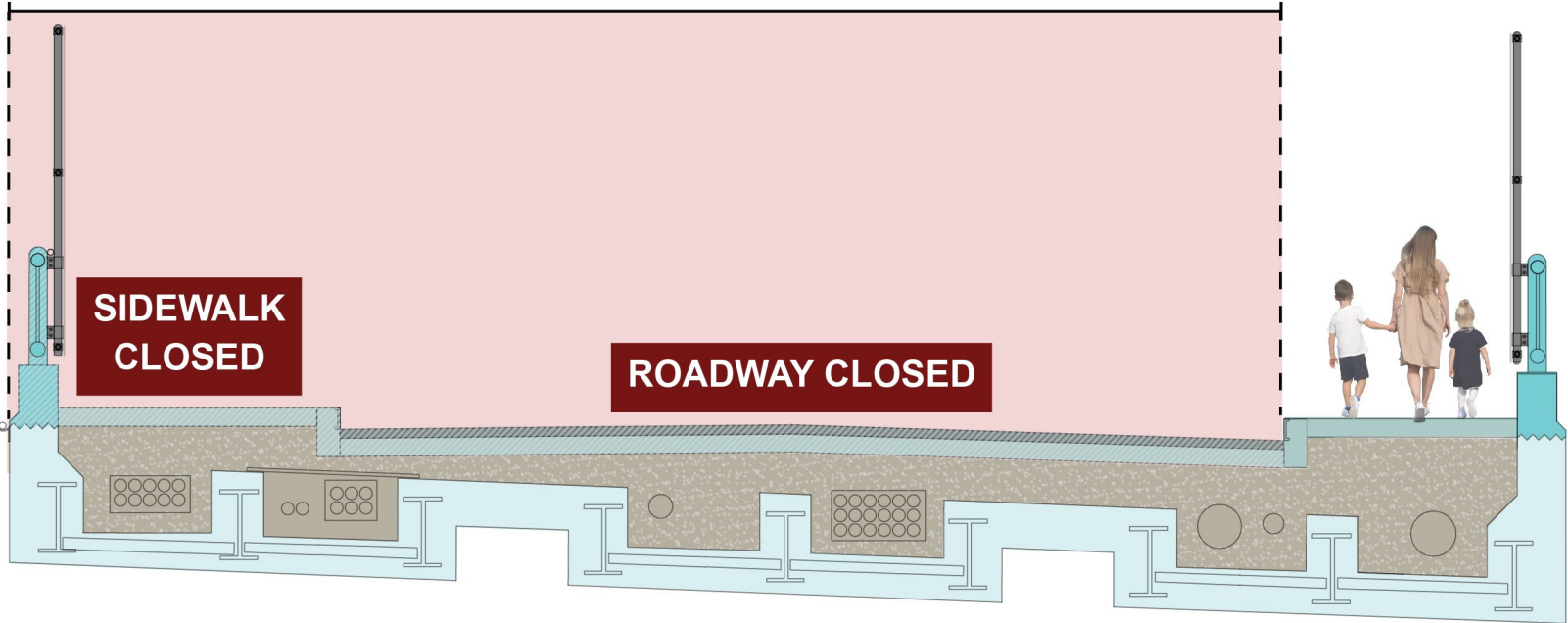
Existing Bridge Section



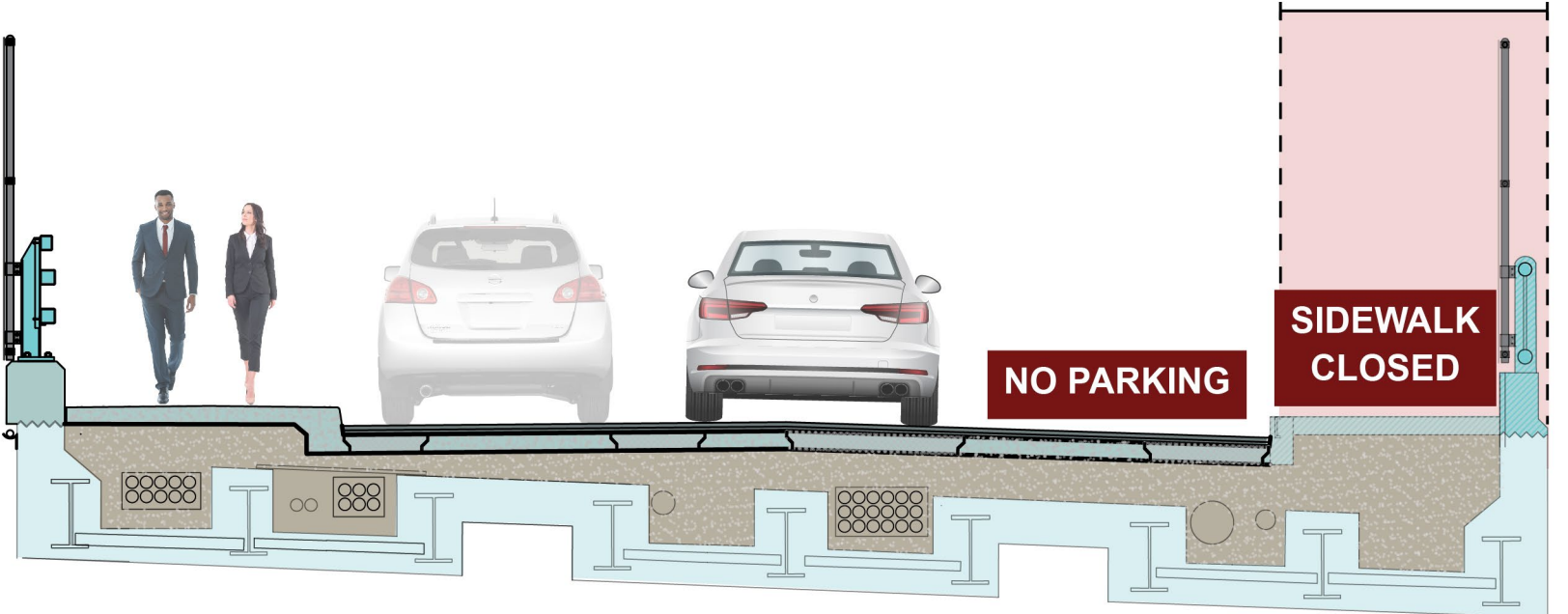
Proposed Section



Stage 1



Stage 2



Stage 2 Demolition and Construction



# Bridge Rendering (Looking North)



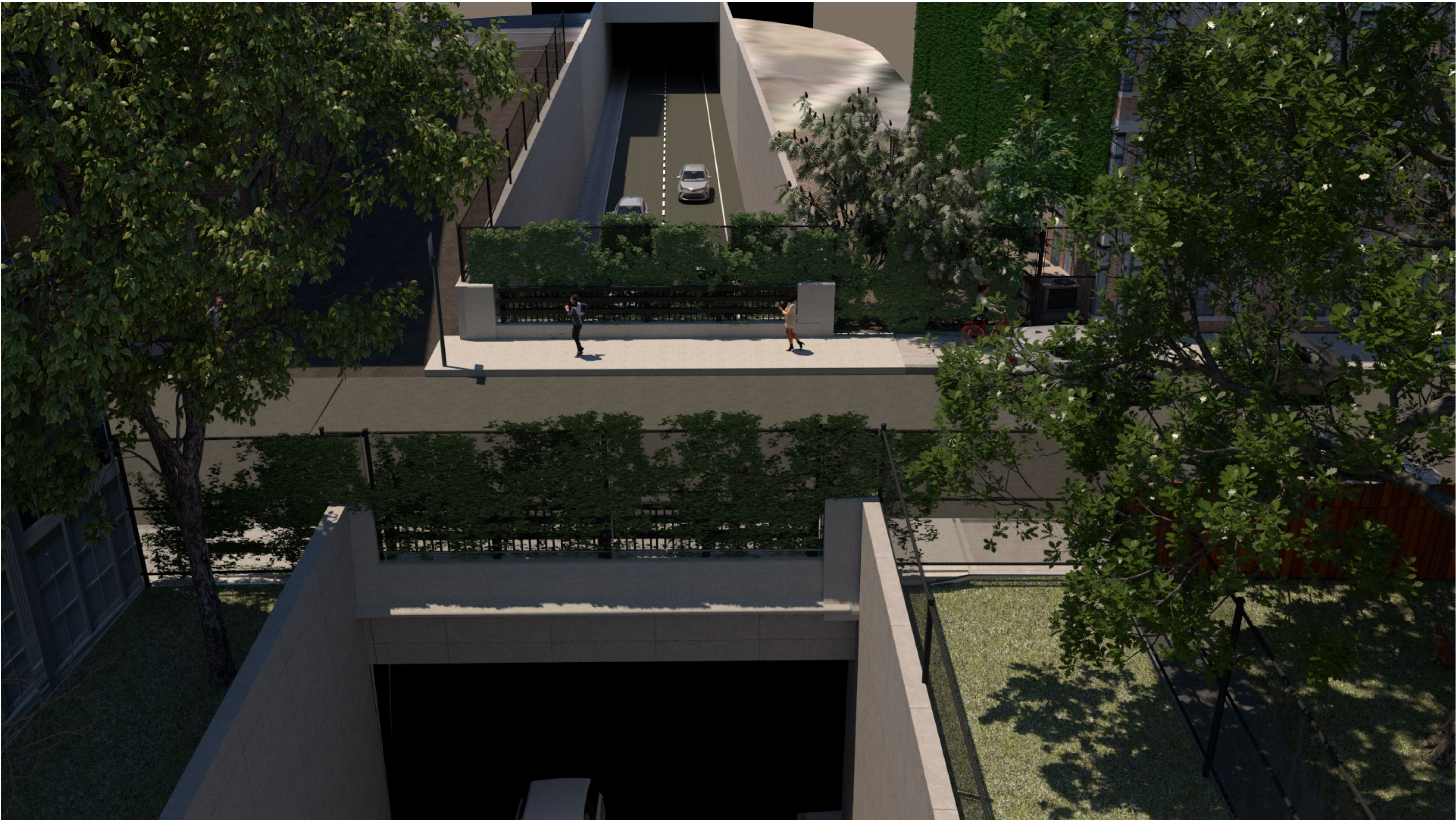


# Bridge Rendering (Looking East)





# Bridge Rendering (Looking South)







**How will  
abutters,  
pedestrians,  
and cyclists  
be impacted?**



## Construction Impacts

- Stage 1: 5-day work week/12 hours per day
  - Loss of approximately 30 parking spaces
- Stage 2: 5-day work week/12 hours per day
  - Loss of approximately 13 parking spaces
- Pest, dust, and noise control plans to be implemented by Contactor
  - Active dust monitoring will occur
- Access to nursing facility maintained throughout all stages
- Access to dog park maintained throughout all stages
- Access for pedestrians to cross bridge maintained throughout all stages



# Our next steps



Public Information Meeting  
December 4, 2023



Project Advertisement  
Summer 2024



Public Information Meeting  
Winter 2024



Construction Award  
Fall/Winter 2024



Construction Closure  
April 2025



Construction Complete  
Spring 2025





**How will we  
keep you  
informed?**



## Public Outreach

- Public meeting notices will be placed in the following local newspapers:
  - Post Gazette
  - North End Regional Review
- Shared with the City of Boston and North End Neighborhood Associations:
  - North End Waterfront Neighborhood Council
  - North End Waterfront Residents Association
- Flyer abutters
- Meeting notices and flyers will be placed at targeted public locations in the North End
- Residents can contact [BridgePreservationProjects@dot.state.ma.us](mailto:BridgePreservationProjects@dot.state.ma.us)





# Questions and answers