

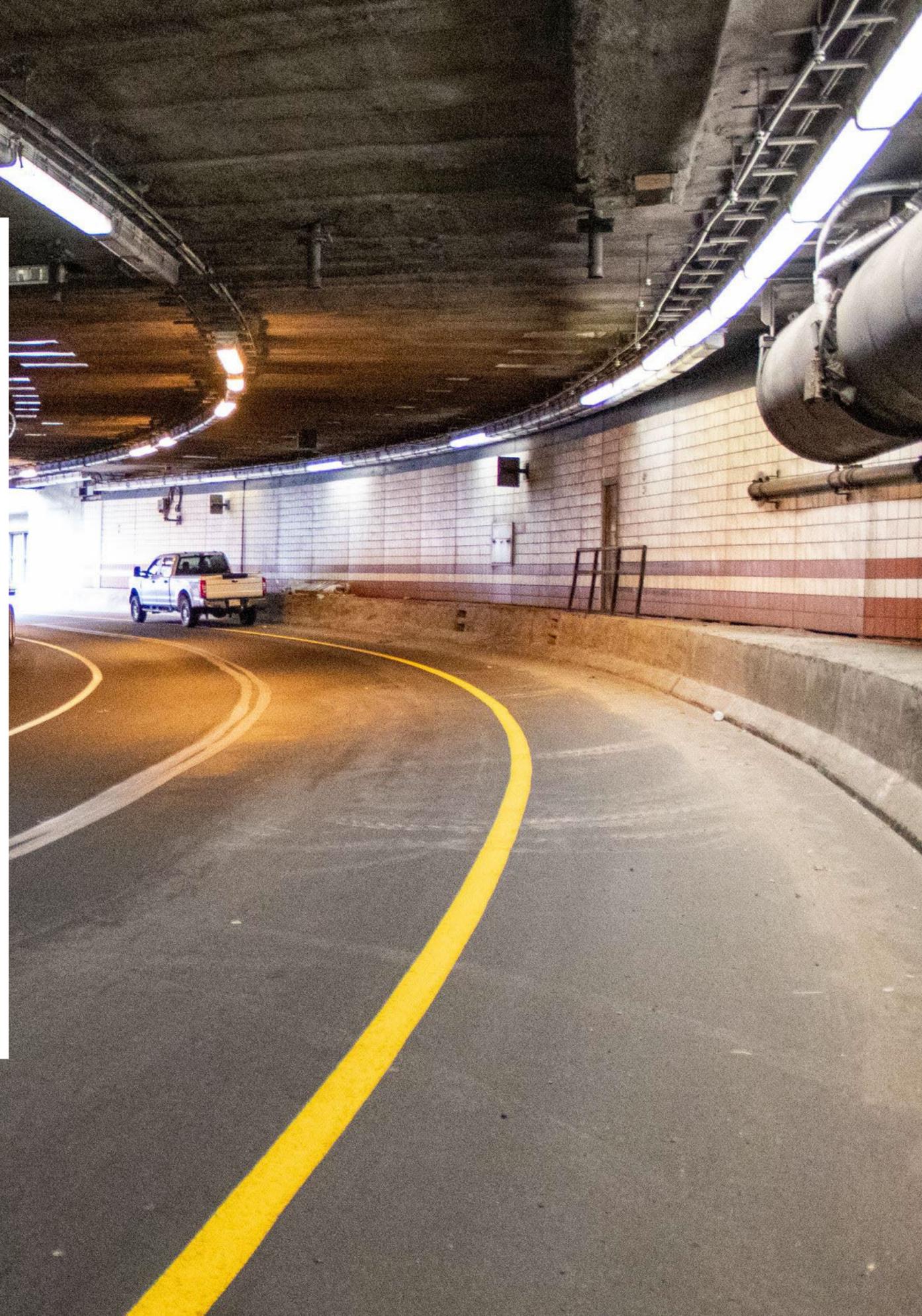


# Sumner Tunnel Restoration Project

*A Better City Briefing*

June 25, 2024

Project File No. 606476



# Agenda

1. Welcome
2. Project Overview
3. Construction Schedule
4. Managing Impacts
5. Public Outreach
6. Question & Answer



# Project Team

## MassDOT Highway Division

- Project Proponent
  - Project Manager: Michael Drew
  - Assistant District Construction Engineer: Chuck Sabella
  - Area Engineer: Heidi Yeb
  - Resident Engineer: Tibebu Gashaw
  - Legislative Affairs: Dan Fielding

## JF White

- Contractor
  - Project Manager: Chris Blanchard

## Howard Stein Hudson

- Public Involvement/Outreach Consultant



# Project Overview

## Project Overview

- Contractor: JF White, Framingham MA
- Project Type: Design-Build
- Project Cost: \$136M + Ancillary Expenses
- Bid Date: June 26, 2021
- Completion of Major Construction: September 1, 2024
- Projected Contract Completion: December 2024

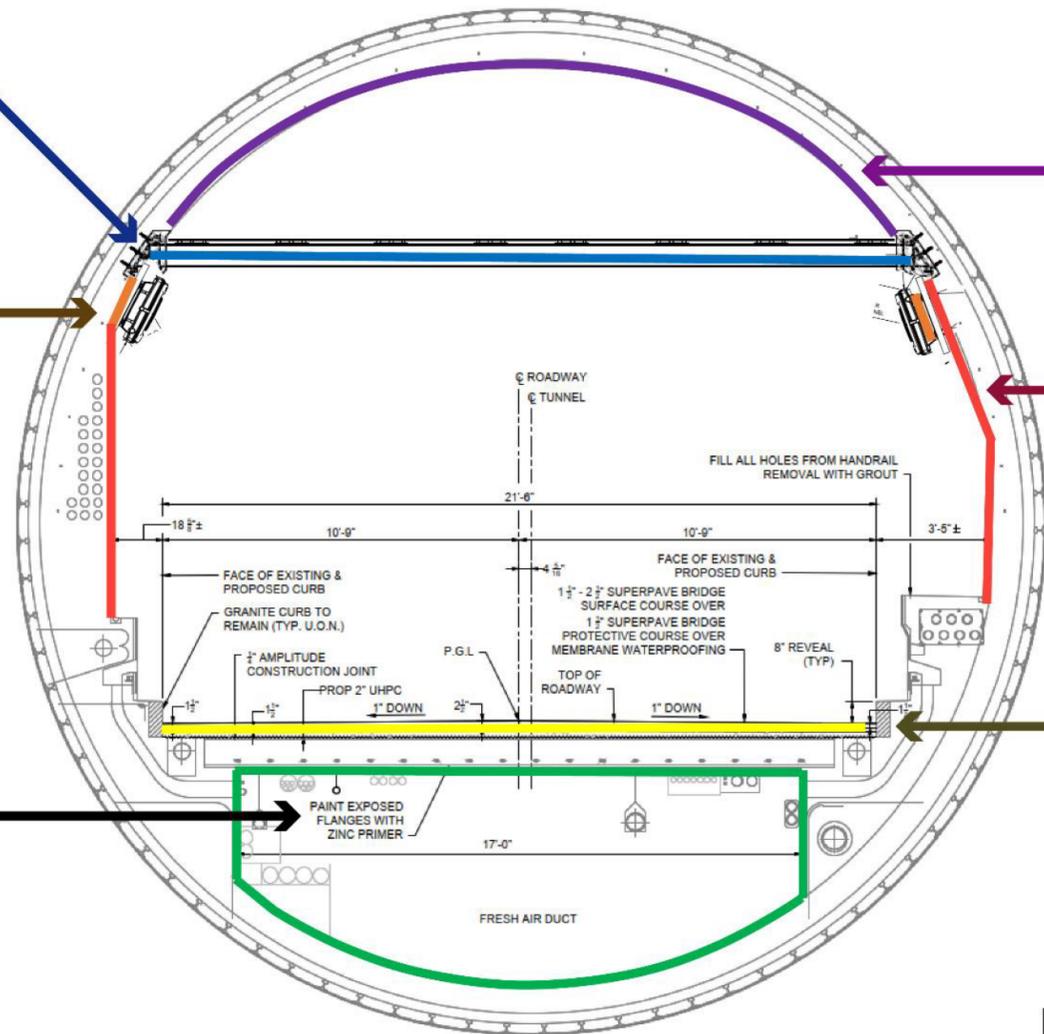


# Tunnel Schematic

**Replace Ceiling System and Install Fireproofing**

**Luminaires**

**Repair Supply Plenum Invert and Walls**



**Repair Tunnel Arch (Precast Arch Liner)**

**Fireproofing Panels on Walls**

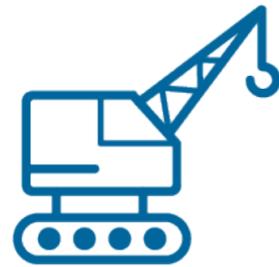
**Deck repairs and new asphalt wearing course**

**New CCTV, Fire Alarm, Scada, and Fire Protection Systems**

## Completed Work to Date

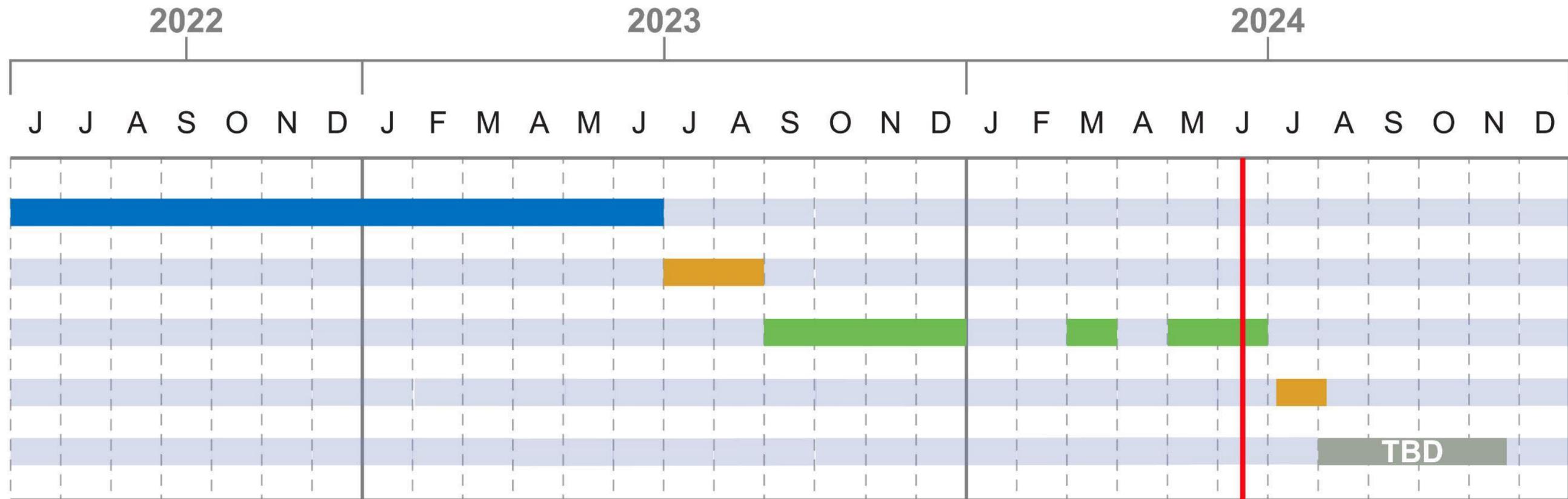
- Removed and replaced the tunnel ceiling and overhead arch
- Repaired tunnel walls
- Installed painted fireproof panels
- Installed new LED lights
- Upgraded CCTV and fire alarm systems





# Construction Schedule

# Tunnel Closure Schedule



## 2024 Tunnel Closure Schedule

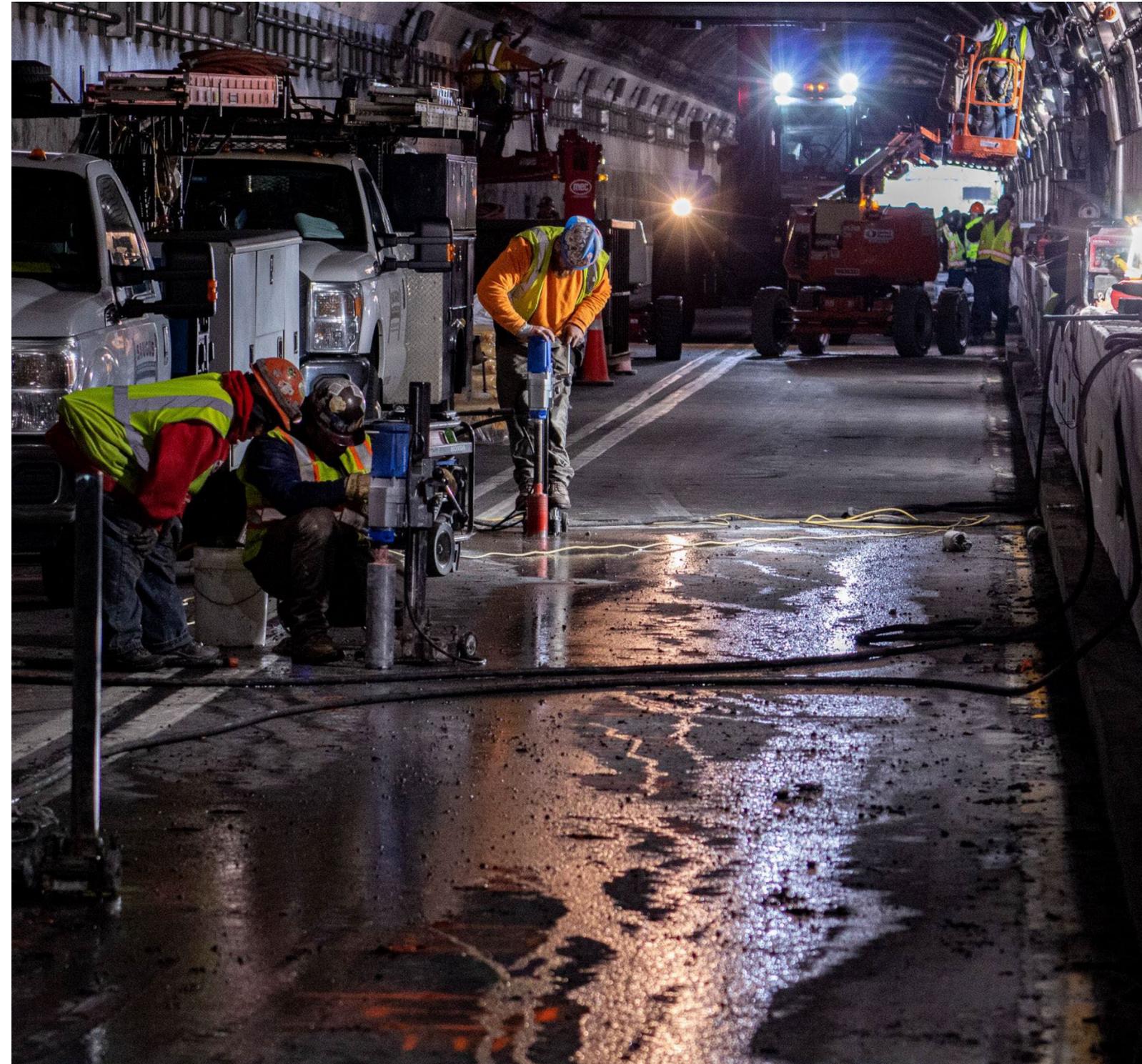
- March weekend closure established the work plan for 2024
- Spring 2024 weekend work completed

✓ Weekend of March 1	✓ Weekend of June 7
✓ Weekend of May 3	✓ Weekend of June 14
✓ Weekend of May 17	
✓ Weekend of May 31	

- Summer Full Closure: July 5 to August 5
  - 2024 full closure duration cut in half from 2023 full closure
- The number of fall weekend closures are dependent on work completed by the contractor during the July 5 to August 5 full closure

## 2024 Anticipated Work

- Rehabilitate the tunnel deck and roadway surface
- Install new utility conduits and cables
- Replace midriver pumps

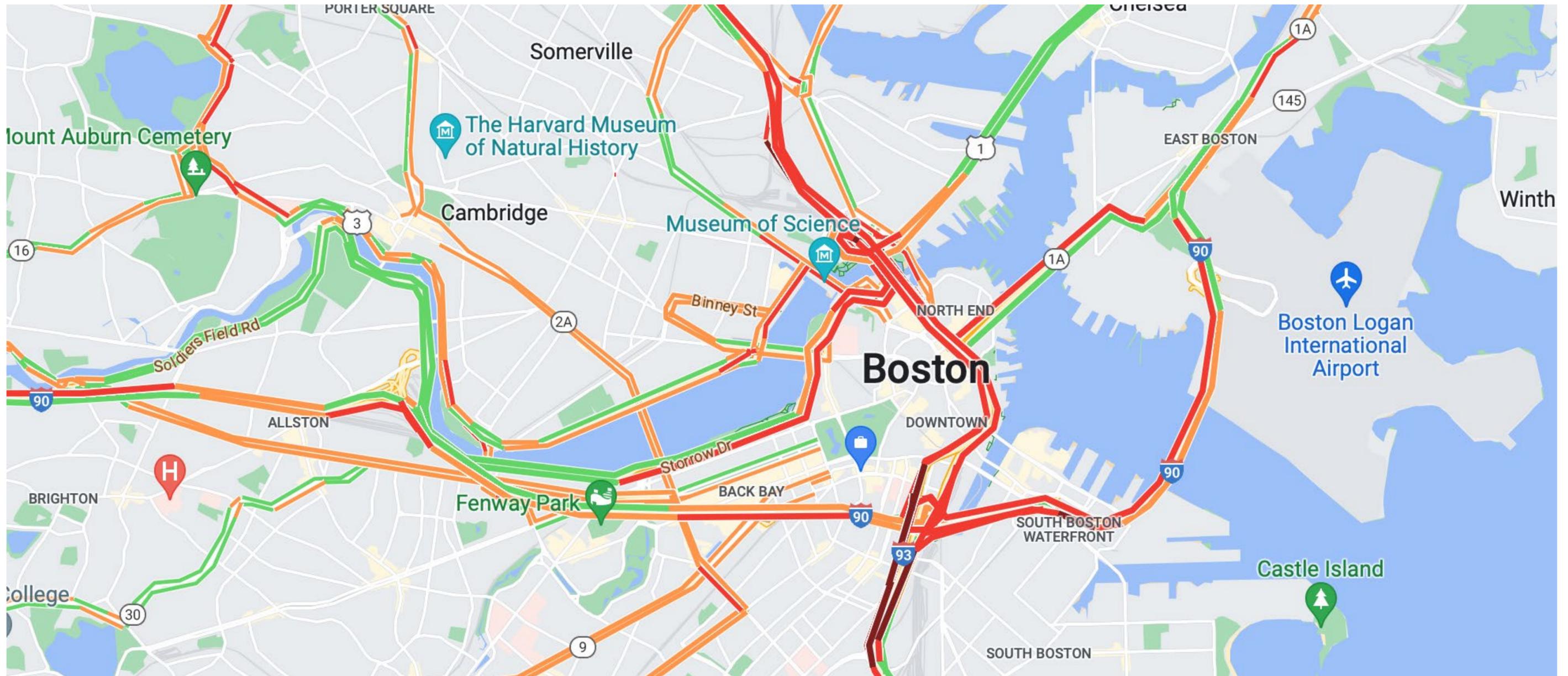




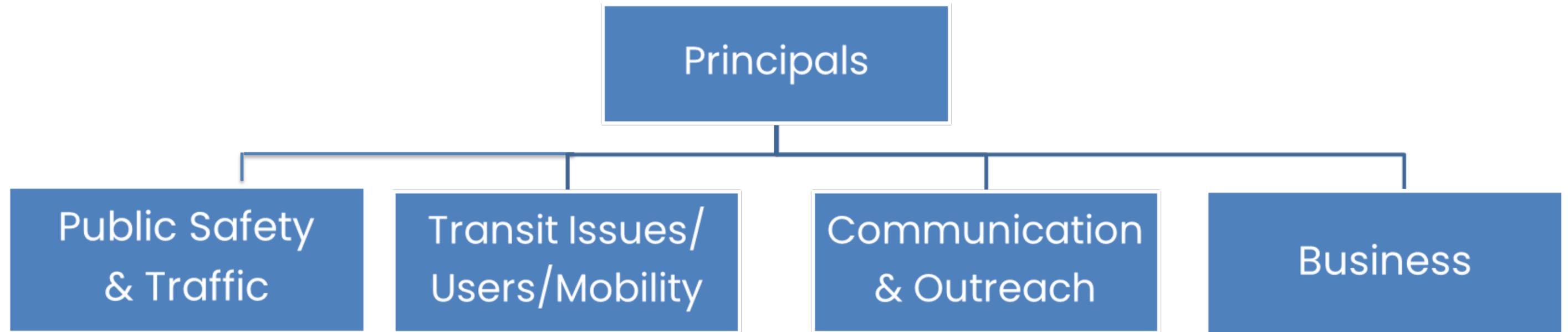
# Managing Impacts

# You Will be Impacted

Regardless of where you are traveling from, impacts should be expected when approaching the City



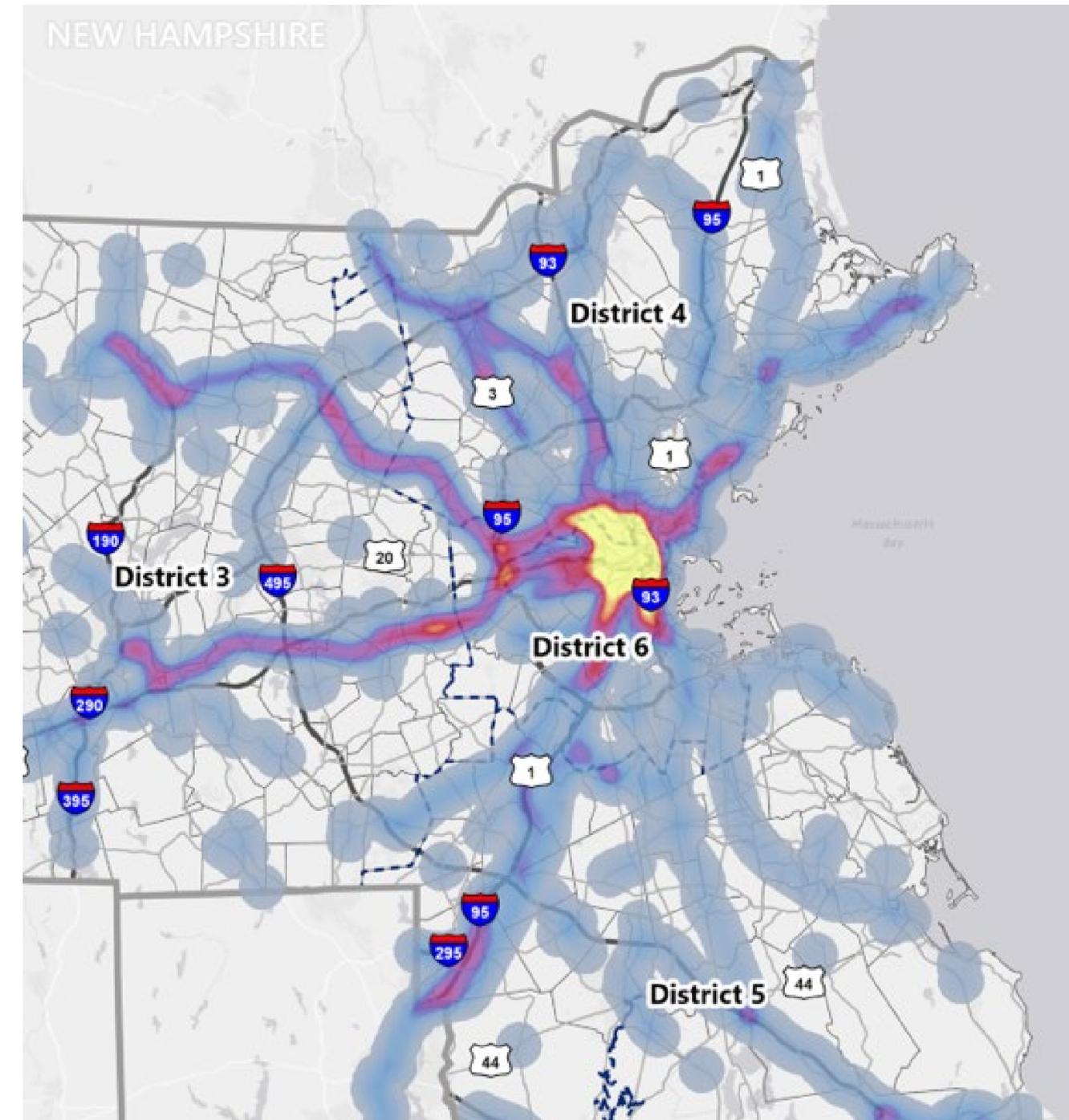
## Working Groups



- Working groups have resumed
- Same mitigation and communication strategy as 2023
- Build off 2023 successes and work to identify additional solutions and strategies to reduce impacts for all modes

## Coordination with Adjacent Projects

- MassDOT coordinated work with all major capital programs
- MassDOT accelerated necessary maintenance activities in the area, including the Ted Williams (I-90) and Tip O'Neill (I-93) tunnels
- When necessary, work may be paused on nearby projects
- Maintenance activity is being limited to emergency work and scheduled for off-peak hours
- Existing traffic configurations for fixed work zones have been incorporated into the management plan
- Command Center will be set up for full closure



# Managing Impacts

## Contract Requirements

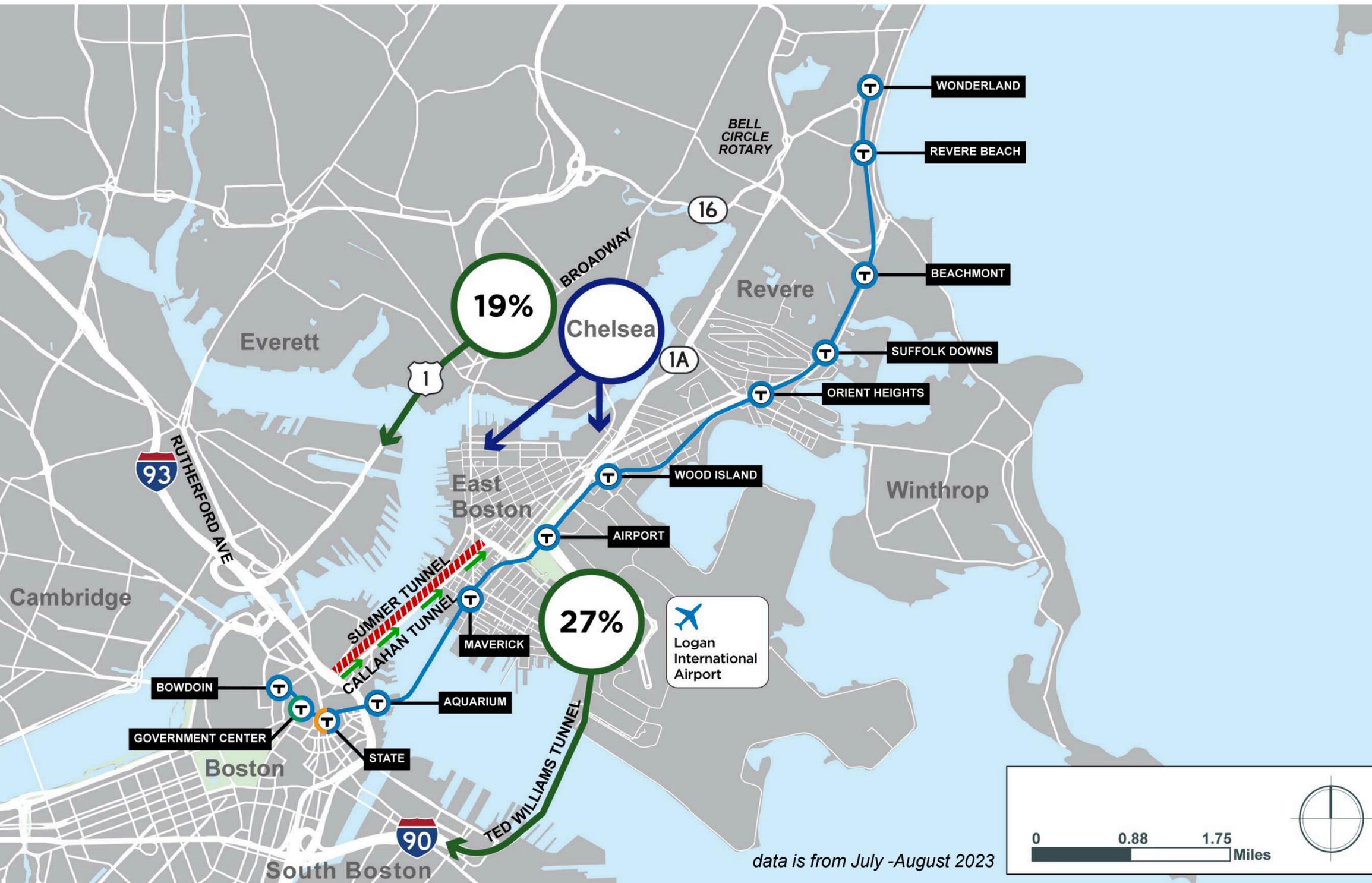
- Isolated intersection improvements – signal phasing and timing changes, turn restrictions, lane utilization/lane changes
- Disposal of runoff and materials offsite
- Field Monitoring Units – dust, water, noise, pest control, etc.
- Real Time Traffic Monitoring
- Incentives/disincentives for Design-Build team to ensure compliance with contract timelines

# Managing Impacts – Public Safety

## Police, Fire, EMS

- Tunnel emergency management system for safety officials developed by MassDOT in partnership with federal officials and public safety officials updated on an annual basis
- Sumner Tunnel Contingency Plan – scenario planning document to ensure that an action plan is in place should things go wrong
- Increased ambulatory service – adding extra ambulances and shifts with ongoing monitoring of response time metrics and adjusting as needed during construction

# Traveler Information



The remaining 54% used alternate modes of transportation, did not make the trip, or sought out other routes.

# Traffic Diversions

**Mass511** More Search Options Search Mass511 (e.g. cameras in Boston)

Statewide Boston Metro

Work Zone Delays

**SUMNER TUNNEL CLOSURE**  
CLOSED FROM JULY 5 TO AUGUST 31

**DETOUR TRAVEL TIMES**

Rt 1A NB/Bennington St to Bell Circle/Rt 16  
Total travel time: **6** minutes  
Delayed: **1** minute Remove From Map

Bell Circle/Rt 16 SB to I-93 NB/Somerville  
Total travel time: **15** minutes  
Delayed: **2** minutes View On Map

Tobin Bridge/Rt 99 NB to I-93 NB/Somerville  
Total travel time: **5** minutes  
Delayed: **1** minute View On Map

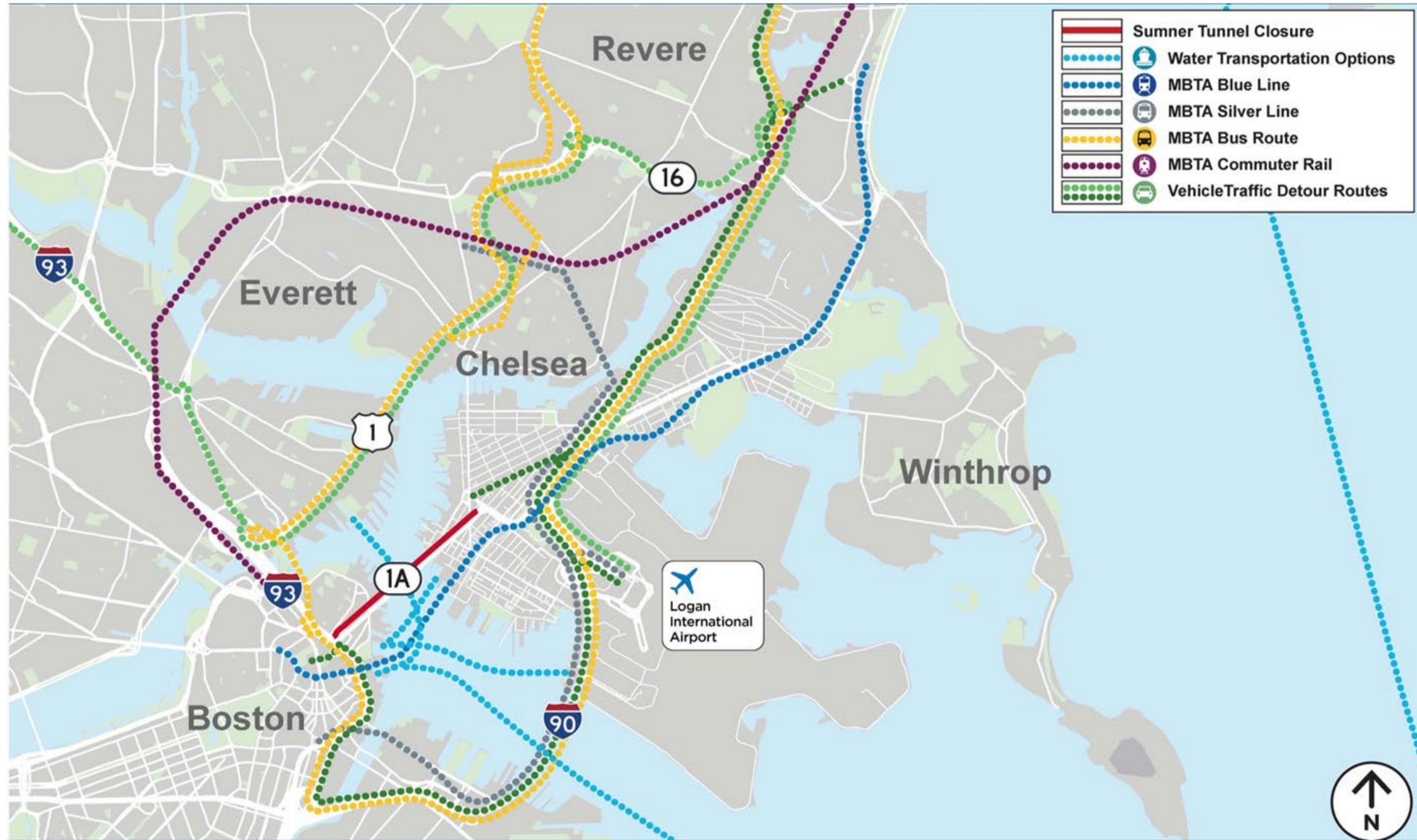
Announcements

**Sumner Tunnel (Route 1A South)**  
Closed – Fridays 11:00 PM to Mondays 5:00 AM

[Learn More](#)

Map Satellite

# Travel Options During Shutdown



# Alternative Travel Options

## Travel to/from East Boston and North End

- Free MBTA Blue Line rides
  - MBTA removed all Blue Line speed restrictions
  - An additional train will be added to the Blue Line in the midday period
  - All MBTA parking lots and garages on the Blue Line will be reduced to \$2/day
  - Additional free parking is available near Wood Island Station
- Fare-free service for customers boarding key Chelsea bus routes
  - Routes 111, 112, 114, 116, 117 and Silver Line 3
- Discounted tolls
  - Discounted tolls will be provided for the Tobin Bridge and Ted Williams Tunnel for those in the Resident Discount Program
  - Real Time Traffic monitoring will be available at 13 local intersections
- East Boston Ferry
  - The East Boston ferry will be free during the full tunnel closure

# Alternative Travel Options

## Travel to/from the North Shore

- MBTA Commuter Rail and Parking
  - Zone 1A (\$2.40) fares along the Newburyport/Rockport Commuter Rail Line
  - Parking at Salem and Swampscott is just \$2 per day
  - Free parking at lots north of Salem, including Beverly, Gloucester, Hamilton/Wenham, Newburyport, North Beverly, Monserrat, Rowley, and West Gloucester.
- Lynn Ferry
  - Riders may use a Zone 1A fare (\$2.40)
  - Free parking at the City of Lynn-owned lot will be available near the Blossom Street Pier
- Winthrop Ferry
  - MBTA will operate Winthrop Ferry service/\$2.40 one-way trip

# Alternative Travel Options

## Travel to/from Logan Airport

- Logan Express
  - There will be a 25% discount when you buy tickets online, and children under 17 ride free
  - Adding additional parking capacity at Braintree Logan Express
  - MBTA Silver Line (SL1 & SL3) buses can use the I-90 EB Emergency Ramp
  - Passengers who take water transportation to the airport will receive a “Ticket to Skip” to the front of the line for checkpoint screening
  - Added stop at Logan Airport by the Winthrop Ferry



**How will we  
keep you  
informed?**

## 2024 Public Outreach

Meetings	Direct Outreach	Provide Information
<ul style="list-style-type: none"> <li>• Set of virtual Public Information Meetings</li> <li>• Legislative briefing</li> <li>• Stakeholder and community group meetings</li> </ul>	<ul style="list-style-type: none"> <li>• Neighborhood pop-ups</li> <li>• Informational posters throughout the region</li> <li>• Outreach to Logan Express, regional bus companies, and rental car agencies</li> <li>• Outreach to ridesharing and mapping apps</li> <li>• Outreach to abutters</li> <li>• Outreach to businesses</li> </ul>	<ul style="list-style-type: none"> <li>• Update project website</li> <li>• Provide regular project and traffic updates to email subscribers</li> <li>• MassDOT social media posts</li> <li>• Press releases</li> <li>• Newspaper notices</li> <li>• Radio advertisements</li> </ul>

## How to Contact Us

- John Romano, MassDOT Legislative Affairs Manager, Highway:  
[john.romano@dot.state.ma.us](mailto:john.romano@dot.state.ma.us)
- Dan Fielding, Dan Fielding MassDOT Legislative Affairs:  
[daniel.fielding@dot.state.ma.us](mailto:daniel.fielding@dot.state.ma.us)
- Project website: [www.mass.gov/sumner-tunnel#sumner-tunnel-restoration-](http://www.mass.gov/sumner-tunnel#sumner-tunnel-restoration-)



QR code to project website

# Our Next Steps



Summer 2024  
Full tunnel closure  
July 5 – August 5



Summer – Fall 2024  
Weekend tunnel  
closures, to be  
determined at a later  
date



Winter 2024  
Construction  
Complete



# Questions and Answers

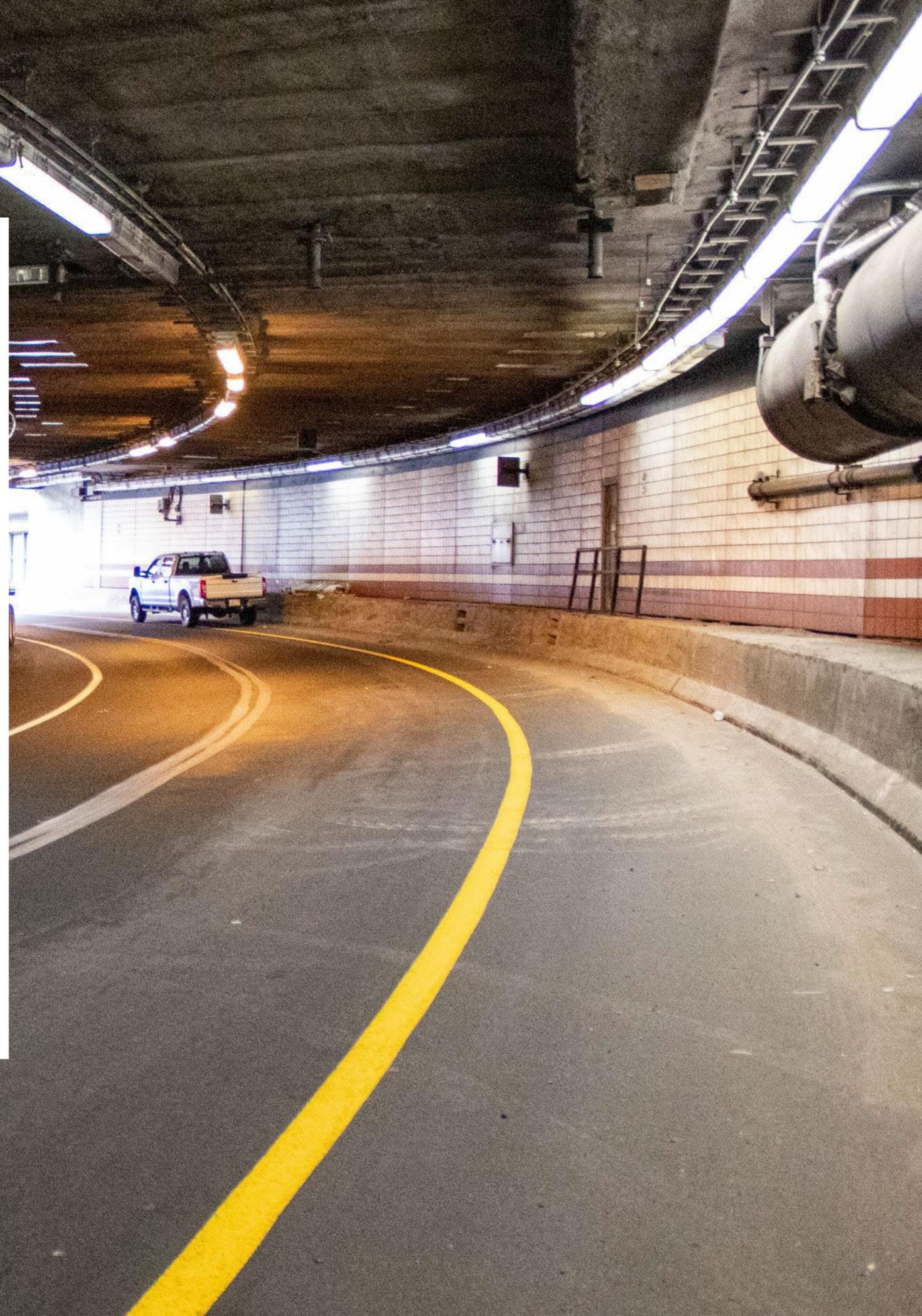


**Thank You**

*Sumner Tunnel Restoration  
Project*

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## Bennington Street

- Traffic on the off-ramp to Route 145 can back up onto Route 1A North and extend onto airport roadways.
- To avoid creating safety and security concerns, State Police will close the Route 145 exit intermittently.
- Detour signage will encourage traffic to continue north on Route 1A to Route 16 to access Route 1.
- For East Boston destinations, continue north to the Boardman Street intersection. Here you can reverse direction or access local roads to reach your destination.

## Logan Airport Circulation Changes

- Transportation Way Left Turn Restriction: a left turn restriction is in place to **all traffic**
- To access the on-ramp to I-90/Ted Williams Tunnel Westbound, vehicles must continue along Transportation Way, turn right on to Tomahawk Drive, and turn right again onto Jeffries Street

## Logan Airport Circulation Changes

- Transportation Way Right Turn Restriction: a right turn restriction is in place to all **passenger vehicles traffic**
- To access the on-ramp to I-90/Ted Williams Tunnel Westbound, vehicles coming from Hotel Drive must continue along Tomahawk Drive and turn right onto Jeffries Street
- **Only buses and freight vehicles** will be allowed to turn right from Hotel Drive onto Transportation Way and turn right to access the on-ramp to I-90/Ted Williams Tunnel Westbound

# Logan Airport Circulation Changes



Permanent Condition:  
Left turn to TWT prohibited, vehicles re-routed to Tomahawk/Jeffries for access to TWT

Ramp to TWT

During Summer Closure:  
RIGHT LANE access to TWT prohibited to general traffic. Only cargo/emergency vehicles/transit have access to take the right into the TWT. All general traffic rerouted to Tomahawk/Jeffries. State Police monitoring.

During Summer Closure:  
LEFT LANE is thru-only  
NO ACCESS TO TWT

During Summer Closure:  
TWT access for all general traffic (non-cargo/emergency/transit vehicles) routed through Tomahawk/Jeffries

Jeffries Street

Transportation Way