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Closed captioning provided by CART



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### **Public Meeting Notes and Procedures**



#### Notification of Recording

- This virtual public meeting will be recorded. The Massachusetts Department of Transportation
  may choose to retain and distribute the video, still images, audio, and/or transcript. All parts of this
  meeting are considered public record.
- By continuing attendance with this virtual public meeting, you consent to participate in a recorded event.
- If you are not comfortable being recorded, please keep your microphone muted, or you may choose to excuse yourself from the meeting.

#### **Other Important Notes**

- Your microphone and webcam are automatically disabled upon entering this meeting.
- The meeting will be open to questions and answers at the end of the formal presentation.
- Please take time to respond to our survey! Your feedback is important.

### Notice of MassDOT's policy on diversity and civil rights:



All MassDOT activities, including public meetings, are free of discrimination.

 MassDOT complies with all federal and state civil rights requirements preventing discrimination based on sex, race, color, ancestry, national origin (limited English proficiency), religion, creed, gender, sexual orientation, gender identity or expression, or veteran's status.

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# **Sumner Tunnel Project**



#### **Contractor:**

JF White, Framingham, MA

### **Project Type:**

Design-Build

#### **Project Cost:**

\$136M + Ancillary Expenses

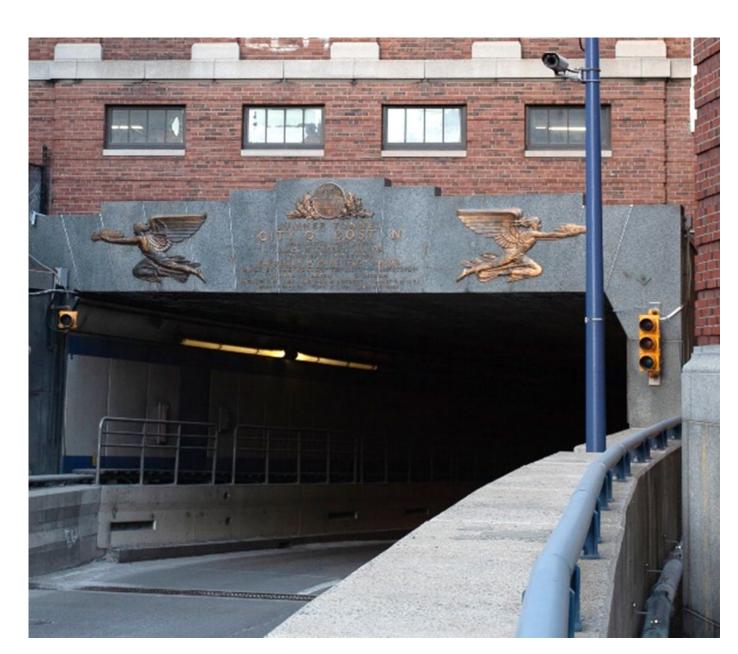
#### **Bid Date:**

6/26/2021

**Completion of Major Construction:** 9/1/2024

**Projected Contract Completion Date:** 

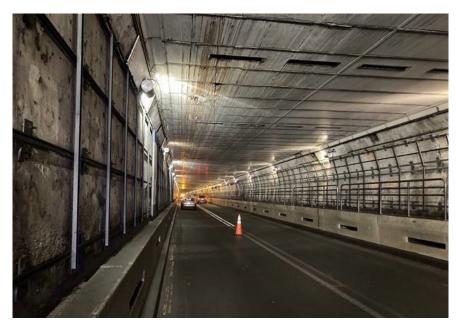
December, 2024



### **Project Scope**

Massachusetts Department of Transportation
Highway Division

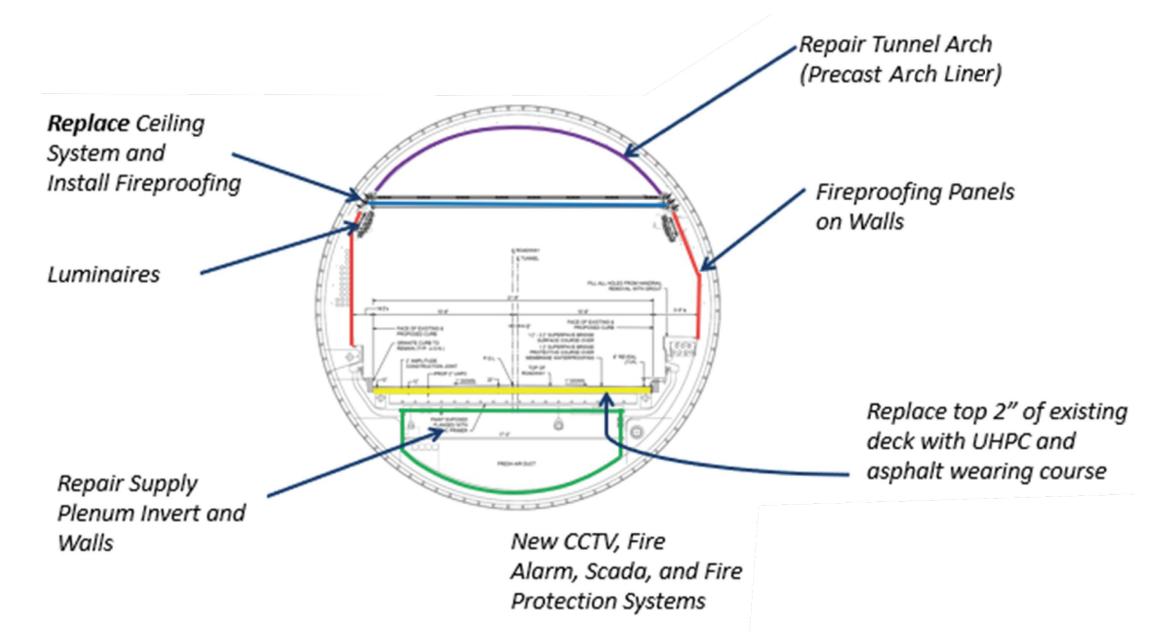
- Remove and replace the tunnel ceiling and repair overhead arch
- Demolish and replace the tunnel deck and roadway surface
- Repair tunnel walls and install painted fireproof panels
- Install new LED lights inside tunnel
- Upgrade CCTV and fire alarm systems
- Install new utility conduits and cables under the bridge deck
- Environmental resiliency new vent buildings and pumps will reduce air pollution and improve storm preparedness





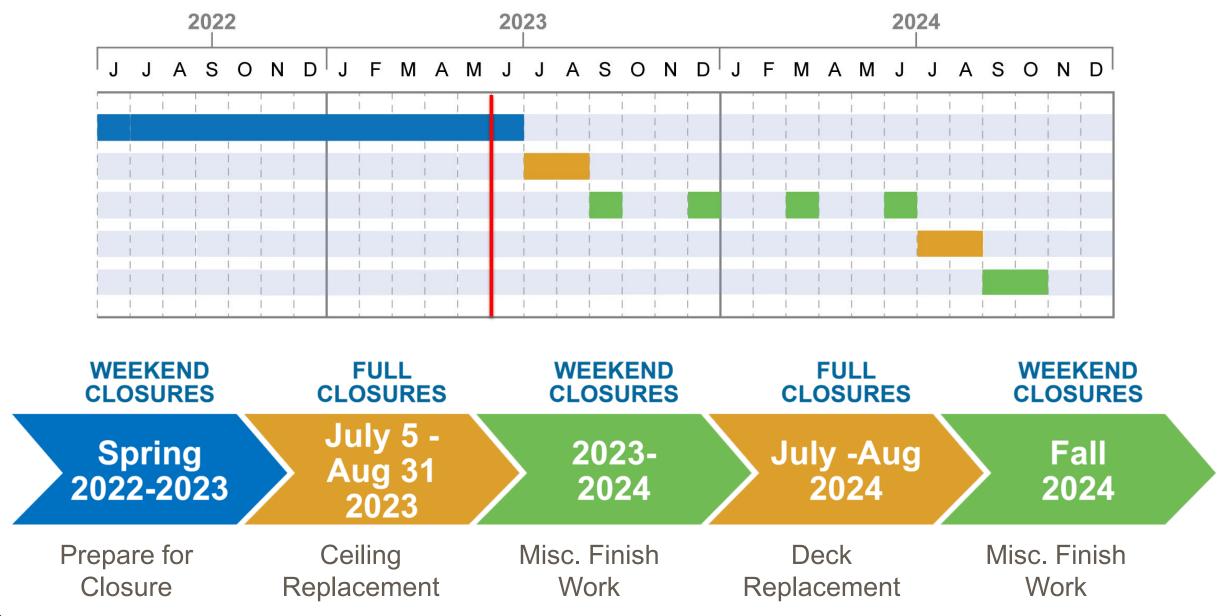
# **Sumner Tunnel Project**





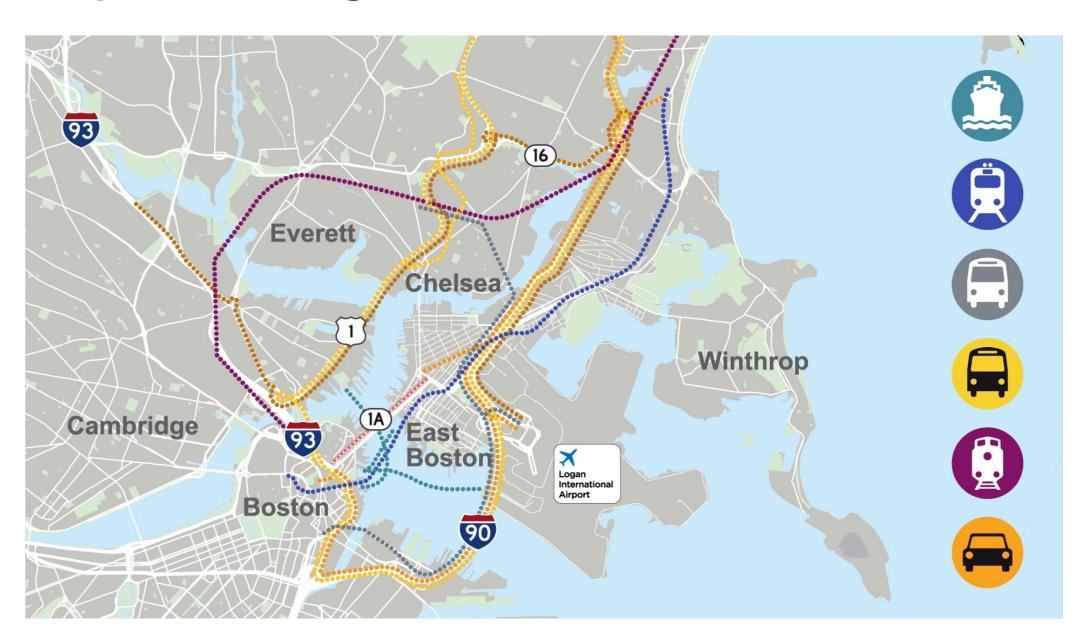
### **Tunnel Shutdown Schedule**





# Travel options during shutdown

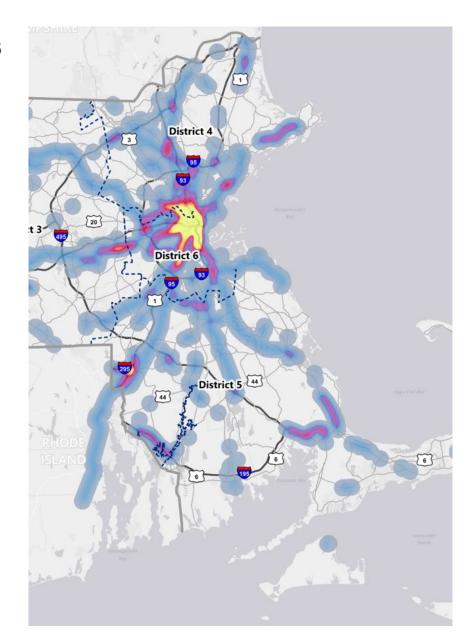




# **Coordination with Adjacent Projects**



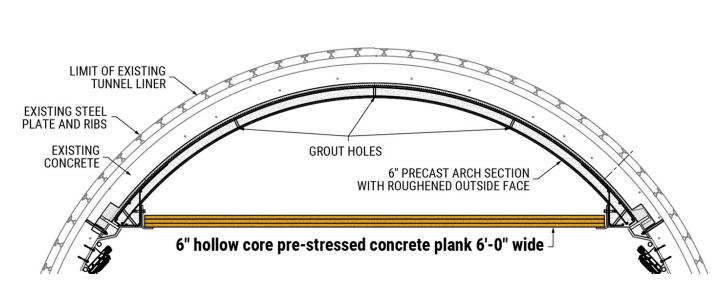
- MassDOT has coordinated work with all major capital programs
- MassDOT has accelerated necessary maintenance activities in the area, including the Ted Williams (I-90) and Tip O'Neill (I-93) tunnels
- Where possible, work is being suspended on nearby projects
- Maintenance activity is being limited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



### **Innovations During Construction**



- Steel reinforcements for strength and fiber reinforcement for performance
- Grouted interlock between existing and proposed arch to protect existing arch from oxygen/contaminants
- Fire resistant main arch, hung plate provides additional fire protection





# **Innovations During Construction (3)**



#### **Before Demolition**

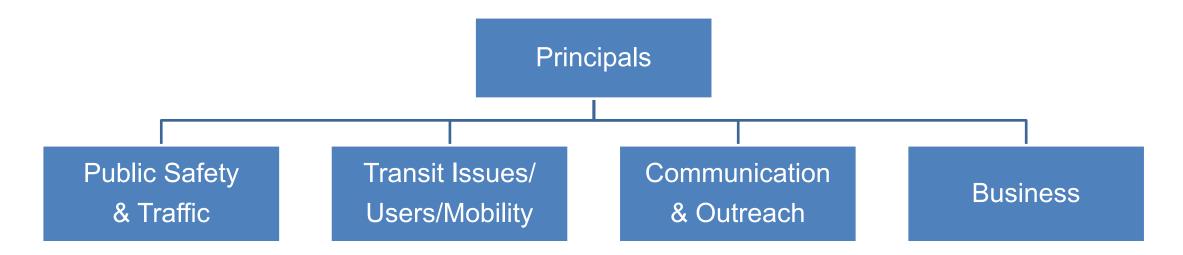


#### **After Demolition**



### Mitigation Working Group Structure





#### **Working Group Mission:**

- Leave no stone unturned
- Review project impacts and current mitigation strategies
- Identify additional solutions and strategies to reduce impacts for all modes
- Limitations on proposals that involve changes to the scope of work timing, duration, approach to construction, etc.
- Categorize strategies into low-cost easily implemented and those that require additional coordination, funding, and third-party assistance

# Alternative traffic mitigation options



### Airport Relief Lane to Ted Williams (I-93 South) – deployed during weekend closures

Mitigates traffic backups at Logan Airport and helps to balance traffic congestion in the region

#### Callahan Two-way

Review determined it to not be feasible due to safety, operational, and geometric reasons

### **Zipper Lane for EMS in Ted Williams Tunnel**

- MassDOT reviewed the existing traffic volumes, modeled the impacts and examined the physical geometrics to put a counterflow in EB TWT
- The analysis determined that it was not feasible both on impacts and physical reconstruction to both sides of the tunnel

# **Managing Impacts, Public Safety**



### **Ambulatory Service**

- 2 dedicated ambulances for East Boston
- 2 rotating ambulances to support day shift
- 2 rotating ambulances to support evening shift
- 1 rotating ambulance to support overnight shift

Working with Boston EMS on a week-by-week basis to review data and adjust as needed.



### Managing Impacts: East Boston/North End



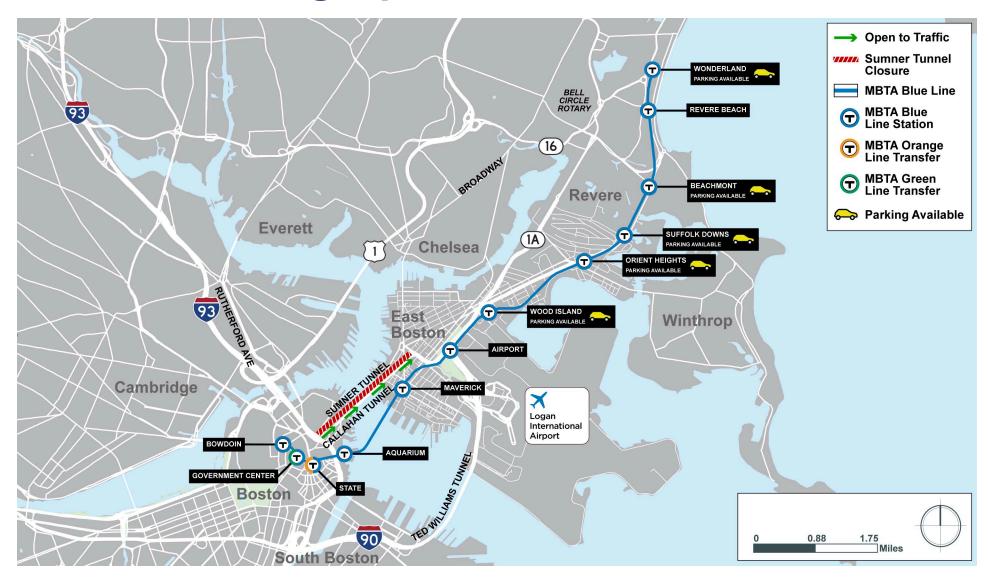
- Discounted tolls for the Tobin Bridge and Ted Williams
   Tunnel (must be in the Resident Discount Program)
- Free MBTA Ferry service between East Boston to Downtown
- Free monthly passes for July and August for residents enrolled in the Annual Resident Discount Program for Sumner, Callahan and Ted Williams Tunnels
- Additional free parking near Wood Island Station
- Signal phasing and timing changes
- Traffic Field Monitoring





# **Blue Line and Parking Options**

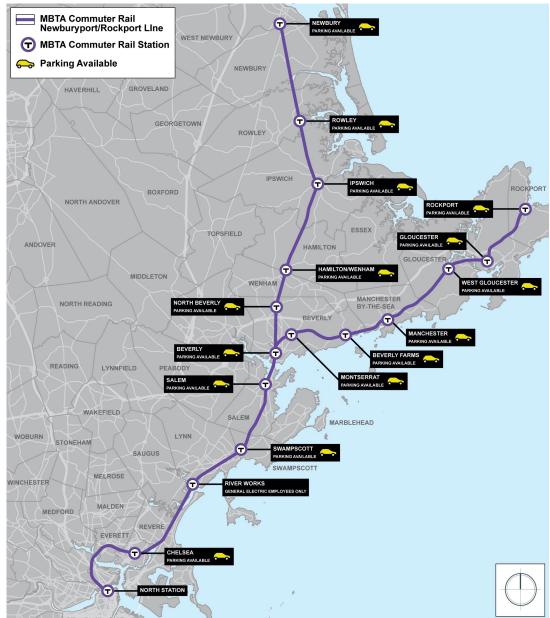




### **Managing Impacts: North Shore**

- Zone 1A fares for Salem and Swampscott inbound & outbound
- Salem, Swampscott, Beverley Depot and Rowley Commuter Rail parking lots reduced to \$2/day
- Discounted parking at all Blue Line lots (\$2 a day)
- Real Time Travel Times on messaging boards
- Travel Time Dashboard
- Transit passes for frequent Revere and Winthrop tunnel users





# **Managing Impacts: Logan Airport**



# Real time travel time data for shuttle services: SL1, Logan Express, Airport Shuttles

#### **Logan Express**

- 25% discount during full closure, kids under 12 ride free
- Employee parking relocated to provide additional customer parking at Braintree Logan Express

#### Silver Line

- Real time information on Silver Line shuttles
- Use of the I-90 EB Emergency Ramp for Silver Line

#### **Water Transportation**

"Skip the Security Line" at Logan for all water transportation users





# **Managing Impacts**



#### **Contract Protections**

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

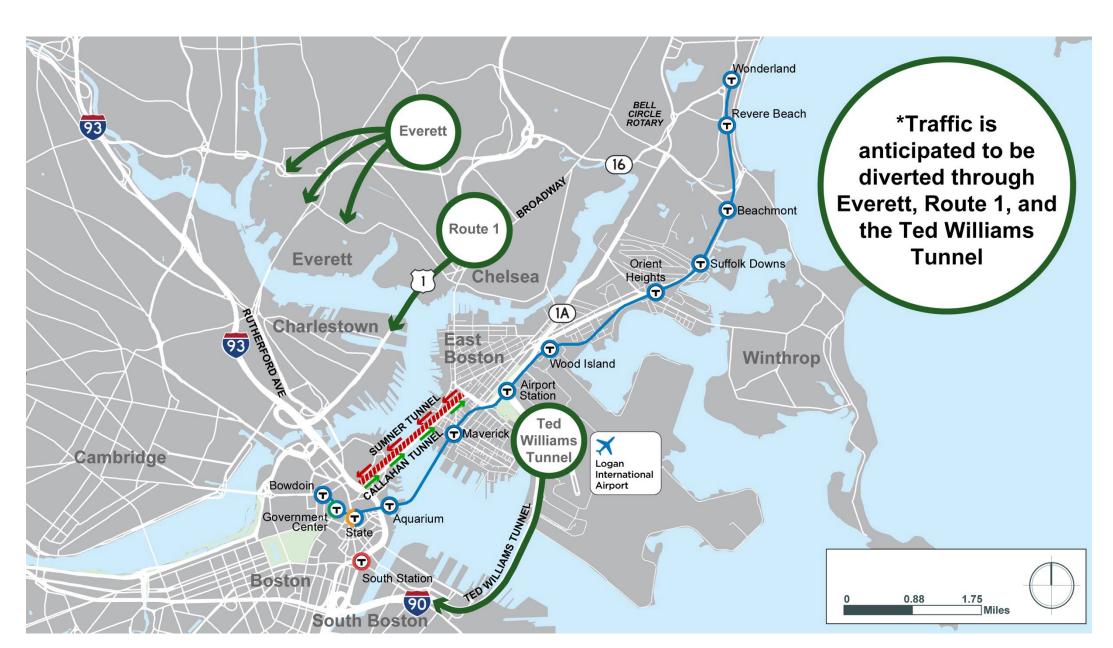






### **Traffic Diversions**





# **MassDOT Traffic Monitoring Capabilities**



#### **Real-time Traffic Monitoring Equipment**

- Travel Times displayed along designated detour route to Route 1
- Connected Work Zone through traffic sensors, cameras, and Portable Message Boards

### **Intersection Monitoring**

• 13 "hot spot" intersections in area of impact

#### Historic Traffic Time Dashboard – under review

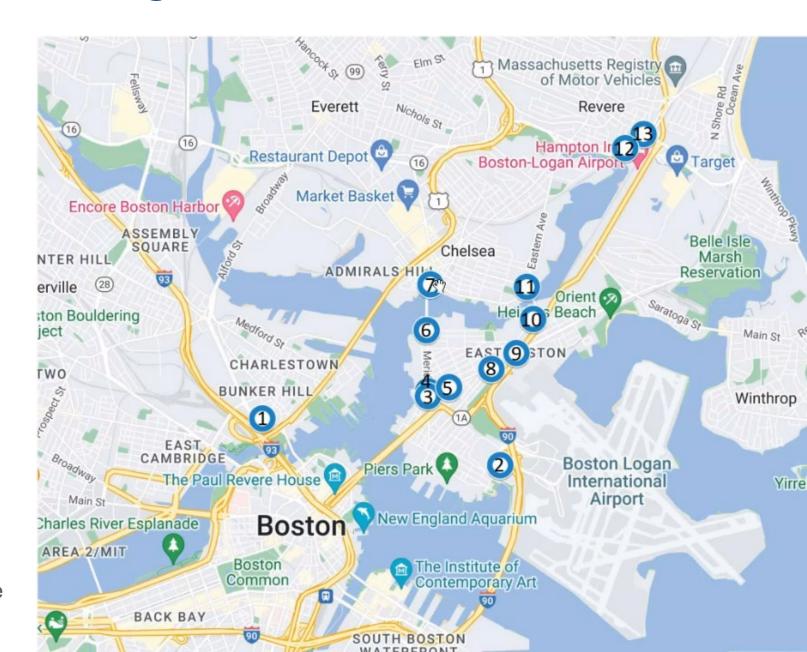
- Provide directional travel time history for the signed detour routes using:
  - Traffic Volumes
  - Travel Times
  - Speeds

### **Intersection Traffic Monitoring Locations**



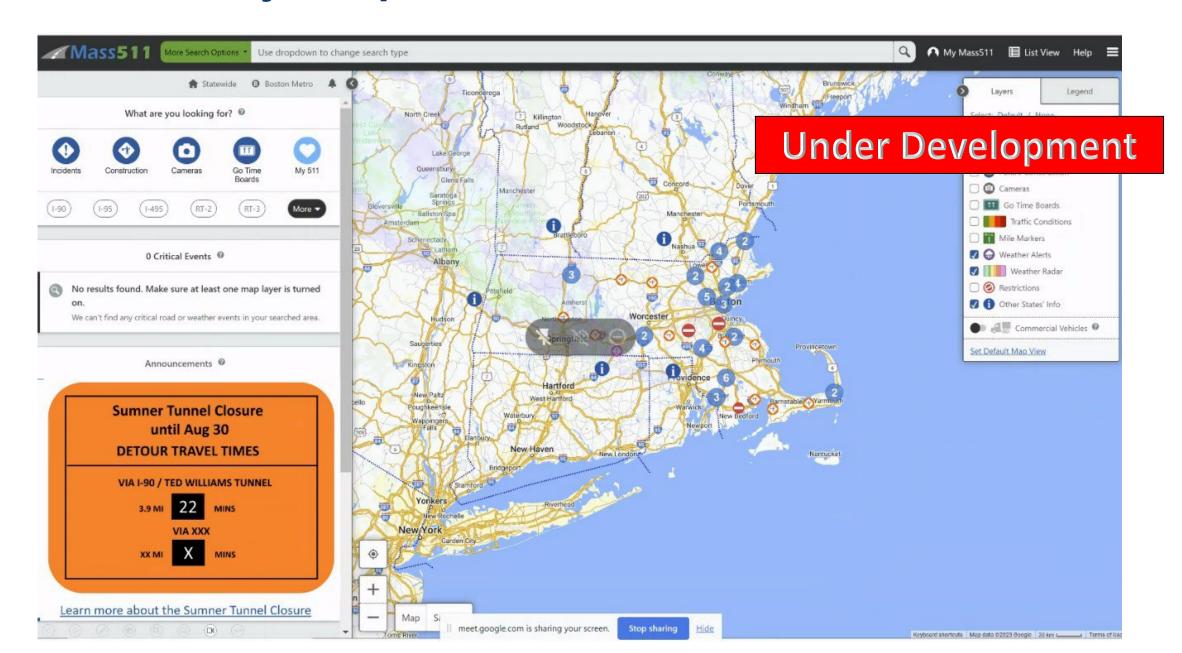
#### **Sumner Tunnel Observations**

- 1. New Rutherford St & Rt 1 Ramps
- 2. Transportation Way & Jeffries St
- 3. Porter St & Meridian St
- 4. Meridian St & Saratoga St
- 5. Bennington St & Marion St
- 6. Meridian St & Condor St
- 7. McArdle Bridge & Marginal St
- 8. Bennington St & Chelsea St
- 9. Bennington St & Neptune St
- 10. Chelsea St & Curtis St
- 11. Chelsea St & Marginal St
- 12. Revere Beach Pkwy & Vinal St
- 13. Revere Beach Pkwy & Winthrop Ave



### Mass511 – Project Specific Information





### **Project Communications**





# **Spring Public Outreach**



Meetings	Direct Outreach	<b>Provide Information</b>
<ul> <li>Virtual legislative briefings</li> <li>Virtual stakeholder and community group briefings</li> <li>Virtual public meetings</li> </ul>	In person neighborhood pop-ups	<ul> <li>Update project website</li> </ul>
	<ul> <li>Informational posters throughout the region</li> <li>Emails to EZ-Pass holders in 25 municipalities</li> <li>Outreach to Logan Express, Regional Bus</li> </ul>	<ul> <li>Provide regular project and traffic updates via GovDelivery email</li> <li>MassDOT social media posts</li> </ul>
	Companies, and Rental Car Agencies	<ul> <li>Press briefings</li> </ul>
	Outreach to abutters and diverse community groups	<ul> <li>Press releases</li> </ul>
		<ul><li>Newspaper notices</li><li>Radio/Media</li></ul>
	<ul><li>Outreach to businesses/organizations</li><li>Outreach to ridesharing and mapping</li></ul>	
	apps	

# **Direct in Person Community Outreach**



- Neighborhood events
- Mayors' Coffee Hours
- Park Openings
- Local food pantries/food banks
- Farmers' Markets
- Little League
   Opening Day Events
- Grocery Stores
- MassDOT Community Events







# **Upcoming Public Meetings**









# **Project Communications (2)**



### **Explore Sumner Alternatives**

Expect delays and plan ahead

- Reduce
  - If able, adjust your commute time or work from home
- Reroute
  - Alternate Routes
  - Travel Time Dashboard
  - Mass.gov/511
- Re-mode
  - Explore MBTA Transit, Ferry, and Commuter Rail
  - Carpool

THE SUMNER TUNNEL IS CLOSING **JULY 5, 2023 - AUGUST 31, 2023** 

# YOUR COMMUTE **WILL BE IMPACTED**











**EXPLORE YOUR OPTIONS AND** PLAN YOUR ALTERNATIVE ROUTE



FOR MORE PROJECT INFORMATION, PLEASE VISIT MASS.GOV/SUMNER-TUNNEL

# **Project Communications (3)**



First Full Closure: July 5 – August 31

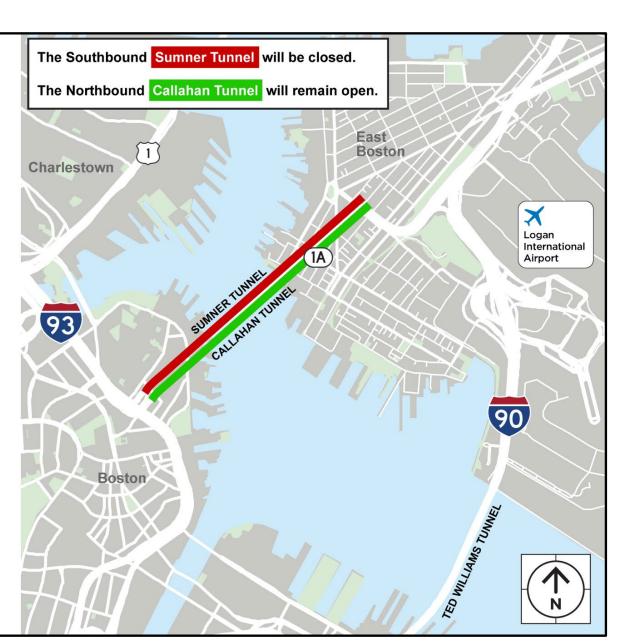
Plan your commute: Mass.gov/Sumner-Tunnel

Project Email: Sumner100@dot.state.ma.us

**Project Hotline:** (508) 510-2920

Use your phone to scan the QR code at the right to learn more about your alternative travel options.





# Questions



### **Etiquette**





"Raise your hand" to be unmuted for verbal questions (Alt + Y)



Submit your questions and comments using the Q&A button (Alt + H)



Please state your name before your question



 Please share only 1 question or comment at a time, limited to 2 minutes, to allow others to participate



 To ask a question via phone, dial \*9 and the moderator will call out the last 4-digits of your phone number and unmute your audio when it is your turn



 Please take a few minutes to complete the survey after the meeting to let us know how your experience was with this virtual meeting