



VIRTUAL

MEETING

Boston Region Metropolitan Planning Organization

May 18, 2023



VIRTUAL

MEETING

Notice of Nondiscrimination

You are invited to participate in our transportation planning process, regardless of your race, color, national origin (including limited English proficiency), religion, creed, gender, ancestry, ethnicity, disability, age, sex, sexual orientation, gender identity or expression, veteran's status, or background.

简体中文 (Simplified Chinese)

如果需要使用其它语言了解信息, 请联系波士顿大都会规划组织 (Boston Region MPO) 《民权法案》第六章专员, 电话 857.702.3700.

繁體中文 (Traditional Chinese)

如果需要使用其他語言瞭解資訊, 請聯繫波士頓大都會規劃組織 (Boston Region MPO) 《民權法案》第六章專員, 電話 857.702.3700.

Kreyòl Ayisyen (Haitian Creole)

Si yon moun vle genyen enfòmasyon sa yo nan yon lòt lang, tanpri kontakte Espesyalis Boston Region MPO Title VI la nan nimewo 857.702.3700.

Español (Spanish)

Si necesita esta información en otro idioma, por favor contacte la Boston Region MPO al 857.702.3700.

Português (Portuguese)

Caso estas informações sejam necessárias em outro idioma, por favor, contate o MPO da Região de Boston pelo telefone 857.702.3700.

Tiếng Việt (Vietnamese)

Nếu quý vị cần thông tin này bằng một ngôn ngữ khác, vui lòng liên lạc Boston Region MPO theo số 857.702.3700.

Read the full notice of your rights and protections at www.bostonmpo.org/mpo_non_discrimination.



VIRTUAL

MEETING

Guidelines

1. All participants will join the meeting with muted microphones.
2. Please rename yourself to include your first name, last name and affiliation.
3. After roll call, Board members may mute and unmute themselves. Always remain muted unless actively speaking.
4. To participate in the discussion, please select the “raise hand” function. Find this by clicking either on the “Participants” button at the bottom of the screen, and a window will pop up with a “Raise Hand” button at the bottom, or the “Reactions” button in the toolbar. The Chair will then call on participants.
5. If you are on the phone, you can use *9 to raise your hand.
6. If you have any technical difficulties, please contact Stella Jordan via the chat box, sjordan@ctps.org or 857.702.3675.



VIRTUAL

MEETING

Accessibility Statement

This meeting is accessible to people with disabilities. Zoom products are compliant, with exceptions, with the following standards: Web Content Accessibility Guidelines 2.1 Level AA Standards and Revised Section 508 Standards.

If you require any additional accommodations in order to participate fully in this meeting, please contact Stella Jordan, MPO staff, at sjordan@ctps.org or 857.702.3675.

May 18, 2023

AGENDA

1. **Introductions**
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Introductions



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
- 2. Chair's Report**
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Chair's Report



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
- 3. Executive Director's Report**
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Executive Director's Report



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
- 3. Executive Director's Report**
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Staffing Updates

- Manager of Planning and Policy – starting June 5
- Open positions
 - New – Principal Analyst/Travel Demand Modeler
 - Manager of Multimodal Planning and Design
- Reposting
 - Manager of MPO Activities
 - Program Manager, Long-Range Transportation Plan



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
- 3. Executive Director's Report**
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Today's Agenda

- Three action items
 - Federal Fiscal Years (FFY) 2023–27 Transportation Improvement Program (TIP) Amendment Four
 - FFYs 2023–27 TIP Amendment Six
 - FFYs 2023–27 TIP Amendment Seven
- Two presentations
 - Summary of the Needs Assessment Findings
 - Sumner Tunnel Project Information



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
- 4. Public Comments**
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Public Comments



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
- 5. Committee Chairs' Reports**
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Committee Chairs' Reports



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
- 6. Regional Transportation Advisory Council Report**
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Regional Transportation Advisory Council Report



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
- 7. Action Item: April 13, 2023, MPO Meeting Minutes**
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Action Item: April 13, 2023, MPO Meeting Minutes

Vote to approve the April 13, 2023, MPO meeting minutes



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
- 8. Action Item: FFYs 2023–27 TIP Amendment Four**
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Action Item: Federal Fiscal Years (FFY) 2023–27 Transportation Improvement Program (TIP) Amendment Four

Ethan Lapointe, MPO Staff

Presentation, discussion, and vote to endorse the
FFYs 2023–27 TIP Amendment Four



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*



FFYs 2023–27 Transportation Improvement Program (TIP) Amendment Four

May 18, 2023

Ethan Lapointe
TIP Manager, MPO Activities

Boston Region Metropolitan Planning Organization

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
- 8. Action Item: FFYs 2023–27 TIP Amendment Four**
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Amendment Four Summary

- For the FFY 2023 Program, Amendment Four proposes
 - Programming of a SMART Grant Award for MWRTA
 - Two cost increases for Highway projects
 - MBTA CIP Updates
 - MBTA Grant Awards



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

FFY = Federal Fiscal Year. MBTA = Massachusetts Bay Transportation Authority. MWRTA = MetroWest Regional Transit Authority.

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
- 8. Action Item: FFYs 2023–27 TIP Amendment Four**
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Amendment Four Comment Summary

- 21-day public comment period from April 14 to May 5, 2023
- No comments received



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
- 8. Action Item: FFYs 2023–27 TIP Amendment Four**
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Today's Requested Action

- MPO staff request that the board votes to endorse Amendment Four



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
- 9. Action Item: FFYs 2023–27 TIP Amendment Six**
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Action Item: FFYs 2023–27 TIP Amendment Six

Ethan Lapointe, MPO Staff

Presentation, discussion, and vote to release the FFYs 2023–27 TIP Amendment Six for its 21-day public review period



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*



FFYs 2023–27 Transportation Improvement Program (TIP) Amendment Six

May 18, 2023

Ethan Lapointe
TIP Manager, MPO Activities

Boston Region Metropolitan Planning Organization

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
- 9. Action Item: FFYs 2023–27 TIP Amendment Six**
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Amendment Six Summary

- For the FFY 2023 Program, Amendment Six proposes
 - Grant programming for Salem Ferry Retrofit
 - Funding source adjustments to Lynn Station Improvements Phase II and Forest Hills Improvement Project
 - Cost changes to Lynn, Nahant Northern Strand Extension Project
 - New start year for grade crossing project in Framingham

Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.

FFY = Federal Fiscal Year.



Changes by Program

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
- 9. Action Item: FFYs 2023–27 TIP Amendment Six**
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Amendment Six Project Changes— FFY 2023 Transit Program

Project Name	Change Type	Description	New Value
MBTA011496: Salem – Retrofit of an Existing Ferry	New Project	This project programs a USDOT Passenger Ferry Grant program grant to retrofit an existing ferry for the City of Salem.	\$4,000,000

Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.

USDOT = United States Department of Transportation.

May 18, 2023

AGENDA

- 1. Introductions
- 2. Chair’s Report
- 3. Executive Director’s Report
- 4. Public Comments
- 5. Committee Chairs’ Reports
- 6. Regional Transportation Advisory Council Report
- 7. Action Item: April 13, 2023, MPO Meeting Minutes
- 8. Action Item: FFYs 2023–27 TIP Amendment Four
- 9. Action Item: FFYs 2023–27 TIP Amendment Six**
- 10. Action Item: FFYs 2023–27 TIP Amendment Seven
- 11. Summary of Needs Assessment Findings
- 12. Sumner Tunnel Project
- 13. Members’ Items

Amendment Six Project Changes— FFY 2023 Regional Target Highway Program

Project Name	Change Type	Description	Budget
S12705: Lynn Station Improvements Phase II	Funding Source Adjustment	The funding source for these projects has been adjusted based on state guidance. The overall budget for these projects remains the same.	\$13,600,000
S12706: Forest Hills Improvement Project	Funding Source Adjustment		\$6,400,000

*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

- 1. Introductions
- 2. Chair’s Report
- 3. Executive Director’s Report
- 4. Public Comments
- 5. Committee Chairs’ Reports
- 6. Regional Transportation Advisory Council Report
- 7. Action Item: April 13, 2023, MPO Meeting Minutes
- 8. Action Item: FFYs 2023–27 TIP Amendment Four
- 9. Action Item: FFYs 2023–27 TIP Amendment Six**
- 10. Action Item: FFYs 2023–27 TIP Amendment Seven
- 11. Summary of Needs Assessment Findings
- 12. Sumner Tunnel Project
- 13. Members’ Items

Amendment Six Project Changes— FFY 2023 Statewide Highway Program

Project Name	Change Type	Description	Former Value	New Value	Delta
610919: Lynn–Nahant– Northern Strand Extension	Cost Increase	Explanation forthcoming from MassDOT	\$9,363,750	\$10,939,360	\$1,575,610
S12640: Framingham – High Risk At-Grade Railroad Crossing Countermeasures on Route 126	New Start Year	This project is being accelerated from FFY 2024 into FFY 2023.	\$3,500,000	\$3,500,000	\$0

Technical difficulties?
Call Stella Jordan at 857.702.3675 or email sjordan@ctps.org.

FFY = Federal Fiscal Year. MassDOT = Massachusetts Department of Transportation.

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
- 9. Action Item: FFYs 2023–27 TIP Amendment Six**
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Today's Requested Action

- MPO staff request that the board votes to release Amendment Six for a 21-day public comment period.



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
- 10. Action Item: FFYs 2023–27 TIP Amendment Seven**
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Action Item: FFYs 2023–27 TIP Amendment Seven

Ethan Lapointe, MPO Staff

Presentation, discussion, vote to waive the public review period, and potential vote to endorse



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*



FFYs 2023–27 Transportation Improvement Program (TIP) Amendment Seven

May 18, 2023

Ethan Lapointe
TIP Manager, MPO Activities

Boston Region Metropolitan Planning Organization

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
- 10. Action Item: FFYs 2023–27 TIP Amendment Seven**
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Amendment Seven Summary

- For the FFY 2023 Program, Amendment Seven proposes
 - Ferry Boat Capital allocation for MBTA Catamaran Overhaul



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

FFY = Federal Fiscal Year. MBTA = Massachusetts Bay Transportation Authority.

Changes by Program

May 18, 2023

AGENDA

- 1. Introductions
- 2. Chair’s Report
- 3. Executive Director’s Report
- 4. Public Comments
- 5. Committee Chairs’ Reports
- 6. Regional Transportation Advisory Council Report
- 7. Action Item: April 13, 2023, MPO Meeting Minutes
- 8. Action Item: FFYs 2023–27 TIP Amendment Four
- 9. Action Item: FFYs 2023–27 TIP Amendment Six
- 10. Action Item: FFYs 2023–27 TIP Amendment Seven**
- 11. Summary of Needs Assessment Findings
- 12. Sumner Tunnel Project
- 13. Members’ Items

Amendment Seven Project Changes— FFY 2023 Statewide Highway Program

Project Name	Change Type	Description	New Value
S12844: MBTA – Catamaran Overhaul Project	New Project	<p>This project uses funding from FFY 2020 Ferry Boat Program funding that is being carried forward into FFY 2023 to support the overhaul of an MBTA catamaran ferry.</p> <p>This change must be executed before the MBTA can apply for additional discretionary funding, and before this formula funding expires this year.</p>	\$753,617

*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
- 10. Action Item: FFYs 2023–27 TIP Amendment Seven**
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
13. Members' Items

Today's Requested Action

- MPO staff request that the board votes to endorse Amendment Seven, waving the 21-day public comment period.



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
- 11. Summary of Needs Assessment Findings**
12. Sumner Tunnel Project
13. Members' Items

Summary of Needs Assessment Findings

Betsy Harvey, MPO Staff

Presentation and discussion of a summary of findings
from the Needs Assessment



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*



Destination 2050 Needs Assessment Summary

May 18, 2023

Betsy Harvey

Boston Region Metropolitan Planning Organization

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
- 11. Summary of Needs Assessment Findings**
12. Sumner Tunnel Project
13. Members' Items

What is the Needs Assessment?

- Documents the transportation needs of the Boston region
 - How people travel
 - Condition of transportation facilities
 - Interaction of the transportation system with the built and natural environment
 - How these could change in the future
- Supports decision-making in the Long-Range Transportation Plan (LRTP)



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

Destination 2050 Needs Assessment

- What's the same?
 - Organized by goal area
 - Existing needs and travel projections
- What's different?
 - Series of StoryMaps
 - Interactive maps and charts
 - Can be updated continuously
 - More accessible to the public
 - Base year = 2019



Collection

Destination 2050 Needs Assessment

Identifying transportation needs for the Boston Region

By the Boston Region Metropolitan Planning Organization (MPO) staff

[Get started](#)

This collection of StoryMaps documents the transportation needs of the Boston metropolitan region. It looks at how people travel, the condition of the transportation facilities they use, the interaction of the region's transportation system with the built and natural environment, and the ways these factors could change in the future.



1 Transportation in the Boston Region Today



2 Future Conditions and Travel Demand



3 Safety



4 Mobility and Reliability



5 Access and Connectivity



6 Resiliency



7 Clean Air and Healthy Communities



8 Regional Recommendations



9 The Boston Region MPO's Approach to Equity

Transportation Equity

- What's the same?
 - Equity is analyzed through the perspective of the different goal areas
- What's different?
 - No stand-alone chapter with analyses
 - StoryMap that describes the MPO's approach to equity
 - Most maps and charts in other StoryMaps contain an equity component



Facilitate an inclusive and transparent transportation planning process and make investments that eliminate transportation-related disparities borne by people in disadvantaged communities.



Safety

Emphasis Area	Need
Fatalities and Serious Injuries	<p>Invest in safety interventions in areas with the most vulnerable road users</p> <ul style="list-style-type: none">• Equity populations• Bicyclists and pedestrians <p>Invest in preventative countermeasures on roadways that have been identified as high risk before severe crashes happen</p>
Crash Clusters	<p>Invest in interventions in locations with the worst crash clusters</p> <ul style="list-style-type: none">• Crashes are most frequent• Crashes are most severe



Achieve zero transportation-related fatalities and serious injuries and improve safety for all users of the transportation system.



Mobility and Reliability

Emphasis Area	Need
Mobility	<p>Improve mobility of buses on high-delay corridors</p> <p>Increase mode shift from SOVs to public transit and active transportation</p> <p>Improve bicycle mobility by expanding the bicycle network and Bluebikes</p> <p>Address congested corridors through strategies such as mode shift, parking demand management, and TOD</p>
Infrastructure Condition	<p>Upgrade and modernize public transit facilities and rolling stock</p> <p>Improve state of good repair for transit facilities, especially tracks</p>



Support easy and reliable movement of people and freight.

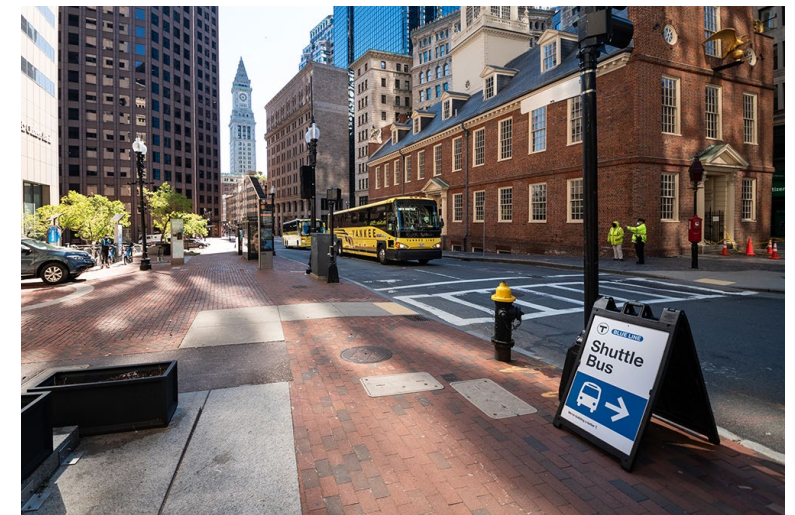


SOV = single-occupancy vehicle. TOD = transit-oriented development.

Access and Connectivity

Emphasis Area	Need
Access to Transportation	<p>Continue expanding access to non-SOV transportation, especially for equity populations</p> <ul style="list-style-type: none">• High-frequency transit• Bicycle network and bikeshare
Access to Destinations	<p>Address disparities in access to destinations for minority and low-income communities</p>
Connectivity	<p>Better data on quality and presence of pedestrian facilities</p> <p>Close gaps in bicycle network, focusing on roads with a high propensity for bicycling</p> <p>Improve coordination between transit services</p>

”
“ *Provide transportation options and improve access to key destinations to support economic vitality and high quality of life.*



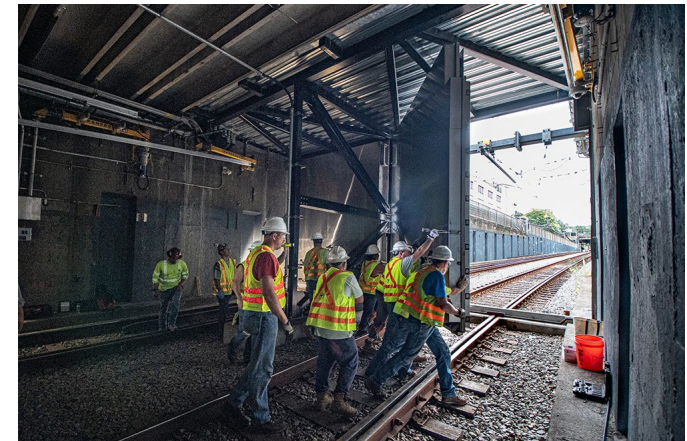
SOV = single-occupancy vehicle.

Resiliency

Emphasis Area	Need
Flooding	Adapt infrastructure to minimize flooding impacts, prioritizing equity areas
Extreme Heat	Adapt infrastructure to withstand extreme heat Use nature-based solutions to reduce flooding and impacts of heat, focusing in areas with populations sensitive to heat
Regional Coordination	Increase engagement between the MPO and municipalities on climate resilience



Provide transportation that supports sustainable environments and enables people to respond and adapt to climate change and other changing conditions



Clean Air and Healthy Communities

Emphasis Area	Need
SOV Emissions	<p>Reduce SOV travel, such as through mode shift, travel demand management, and roadway pricing</p> <p>Electrify the transportation network, such as by expanding EV charging stations and electrifying the public transit and freight networks</p>
Health Impacts	<p>Prioritize air quality improvements in equity communities and in areas that bear a disproportionate burden of air quality impacts</p>



Provide transportation free of greenhouse gas emissions and air pollutants and that supports good health.



EV = electric vehicle.
SOV = single-occupancy vehicle.

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
- 11. Summary of Needs Assessment Findings**
12. Sumner Tunnel Project
13. Members' Items

What's Next?

- All StoryMaps will be released online all at once
- Needs Assessment will be completed shortly after the LRTP is voted out for public comment



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*

Questions?

May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
- 12. Sumner Tunnel Project**
13. Members' Items

Sumner Tunnel Project

**John Romano and Mike Drew, Massachusetts Department
of Transportation Staff**

Presentation and discussion of the Sumner Tunnel project



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*



Sumner Tunnel Restoration Project

Boston MPO

May 18, 2023

Project File No. 606476



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

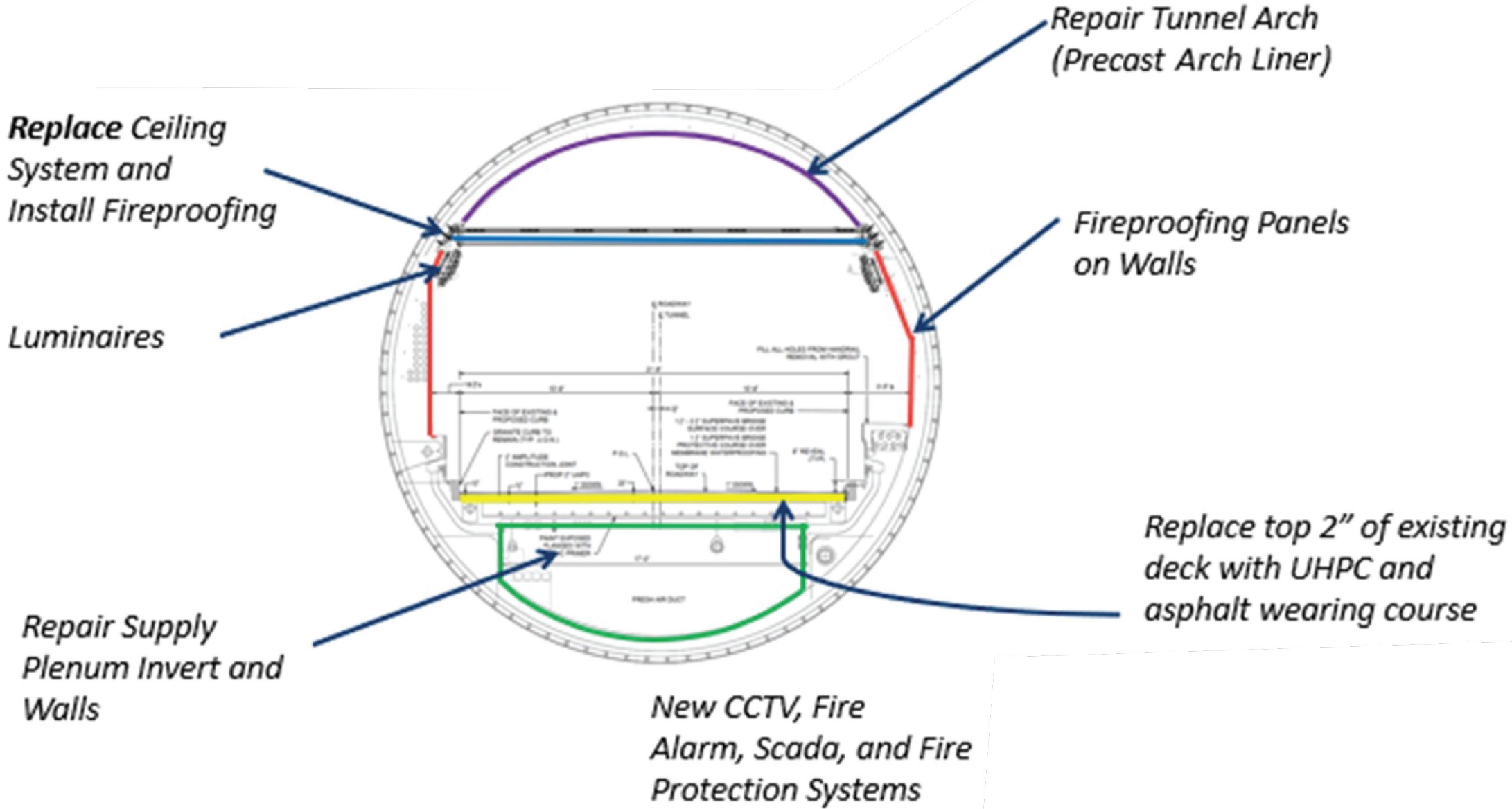


Project Scope

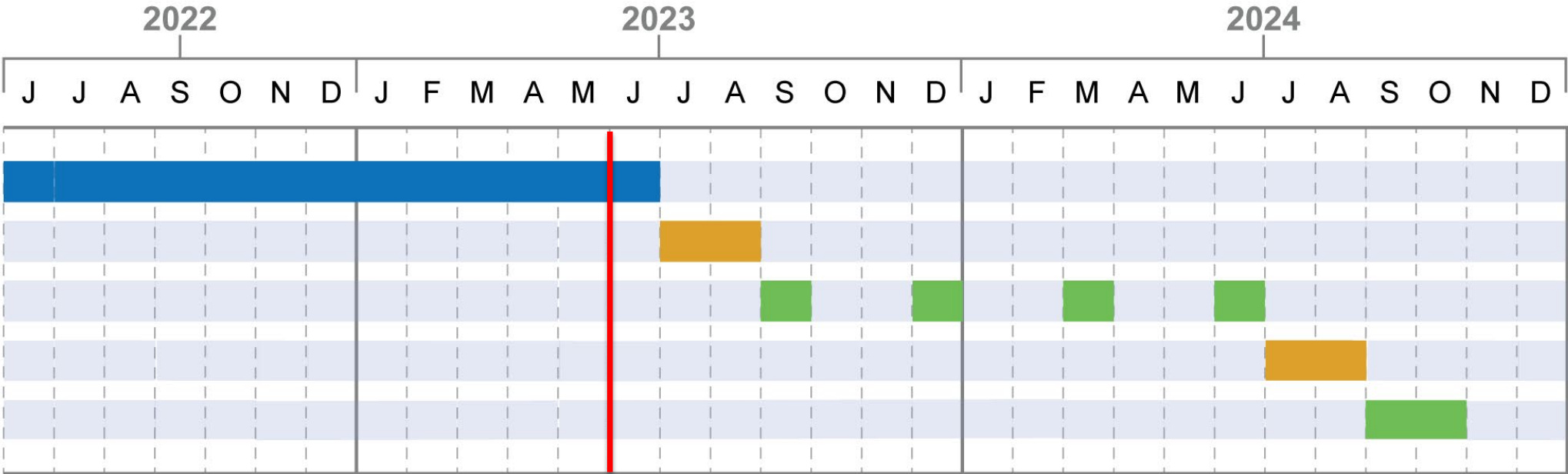
- Remove and replace the tunnel ceiling and repair overhead arch
- Demolish and replace the tunnel deck and roadway surface
- Repair tunnel walls and install painted fireproof panels
- Install new LED lights inside tunnel
- Upgrade CCTV and fire alarm systems
- Install new utility conduits and cables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



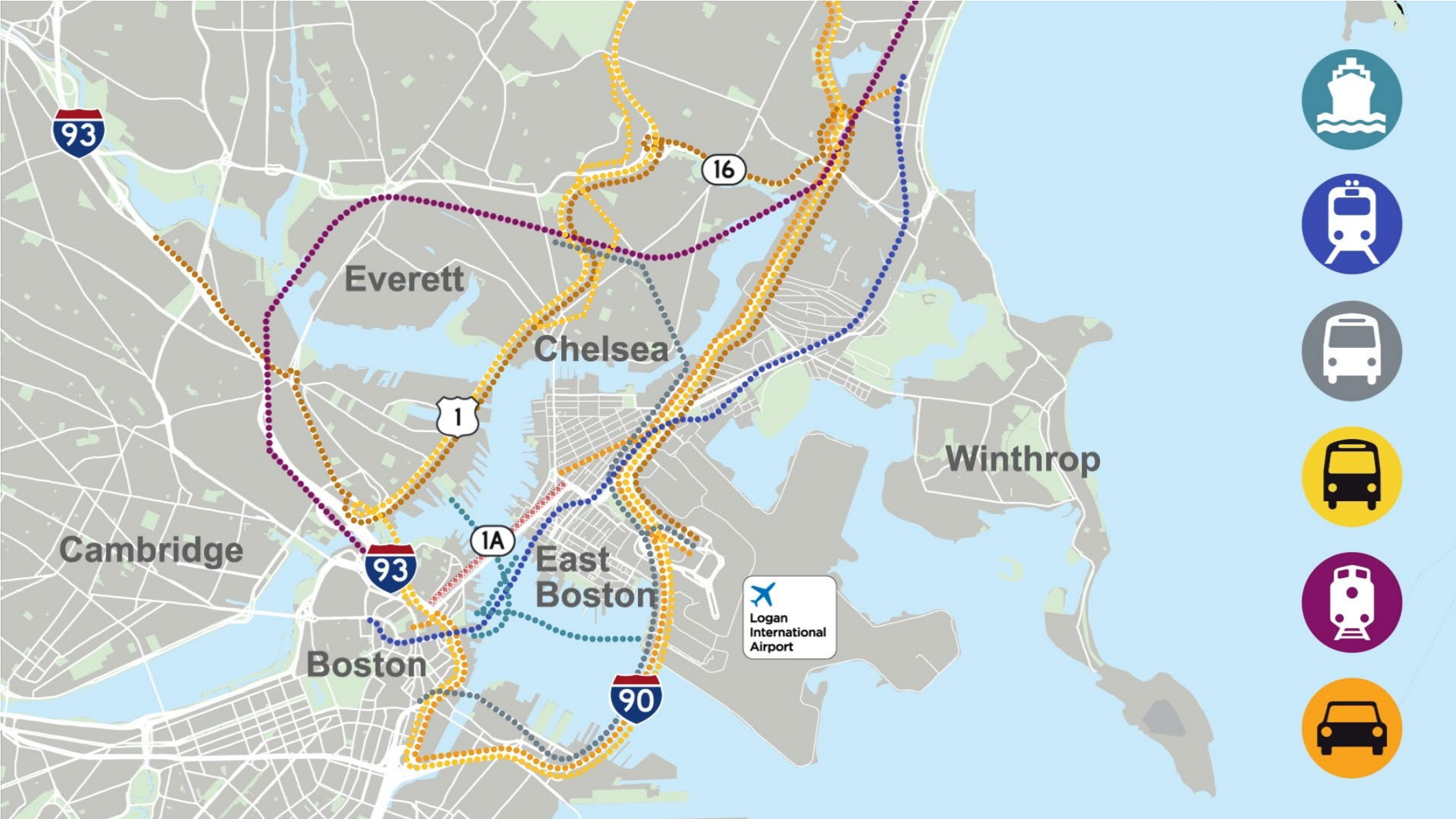
Sumner Tunnel Project



Tunnel Shutdown Schedule

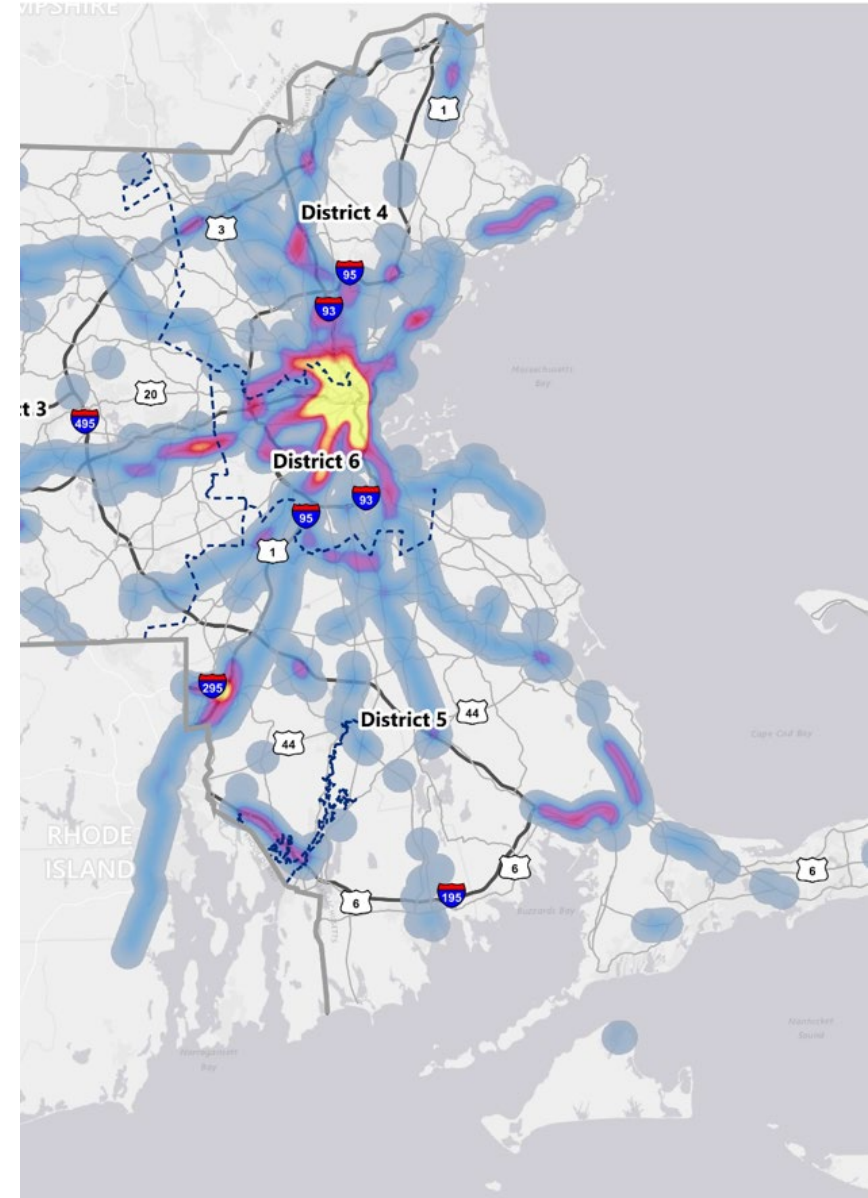


Travel options during shutdown



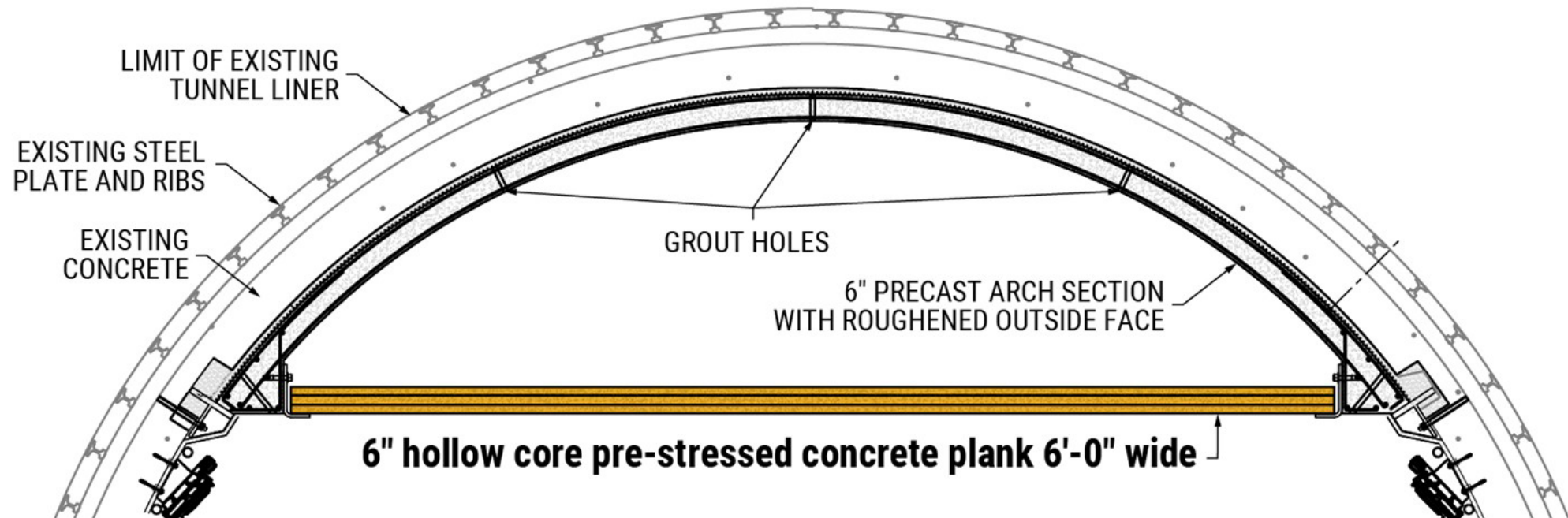
Coordination with Adjacent Projects

- 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 schedule for off hours
- Existing traffic confutations for fixed work zones have been incorporated into the management plan
- Command Center structure will be used for initial phase of construction



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)

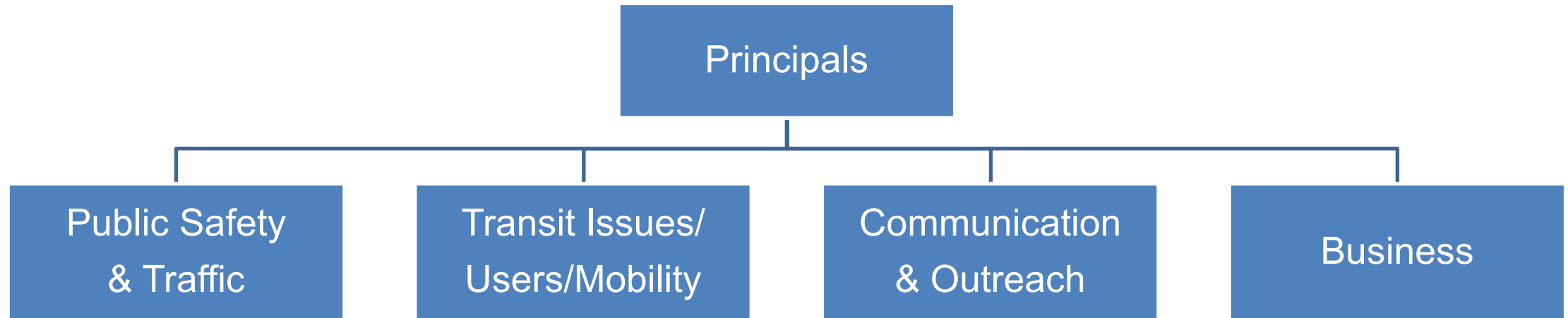
Before Demolition



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

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

- Mitigates traffic backups at Logan Airport and balances 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

Reducing Impacts, Public Safety

Ambulatory Service

- 2 additional ambulances during day shift
- 2 additional ambulances during evening shift
- 1 additional ambulance during overnight shift

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



Reducing 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 from East Boston to Downtown
- Free monthly passes for July and August for residents enrolled in the Resident Discount Program
- Additional parking near Wood Island Station
- Signal phasing and timing changes
- Field Monitoring Units



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 information
- Travel Time Dashboard
- Transit passes

Logan Airport

- Logan Express - 25% discount and kids >12 are free
- Real time data for shuttles from Airport Station to Logan
- “Skip the Line” Logan for all water transportation users
- Real time information on Silver Line shuttles
- Use of the I-90 EB Emergency Ramp

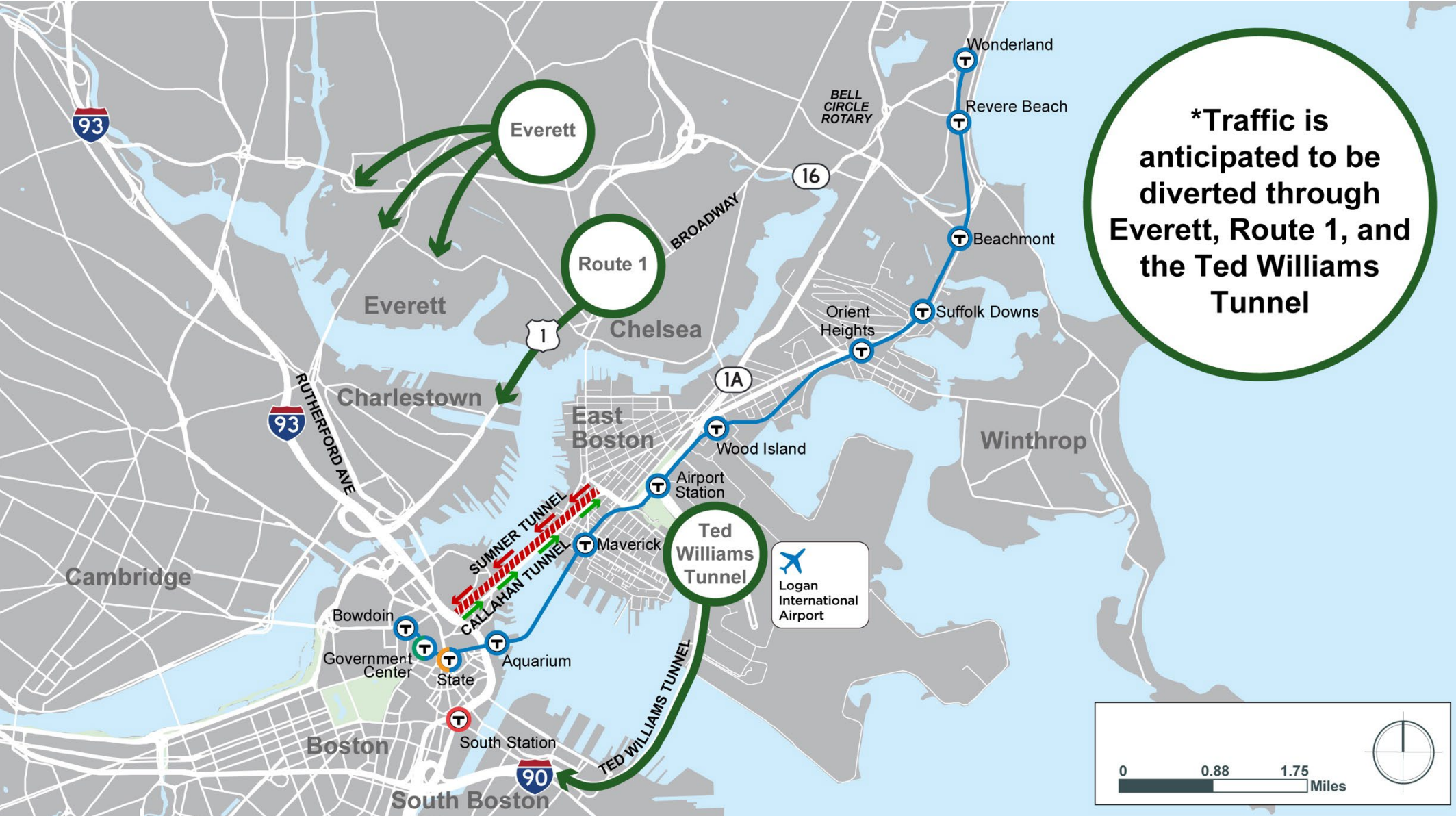
Reducing Impacts

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



***Traffic is anticipated to be diverted through Everett, Route 1, and the Ted Williams Tunnel**

MassDOT Traffic Monitoring Capabilities

Real-time Traffic Monitoring System (RTTM)

- Travel Times
- Connected Work Zone through traffic sensors. PTZ Cameras, Portable Message Boards

Intersection Monitoring

- 13 “hot spot” intersections in area of impact

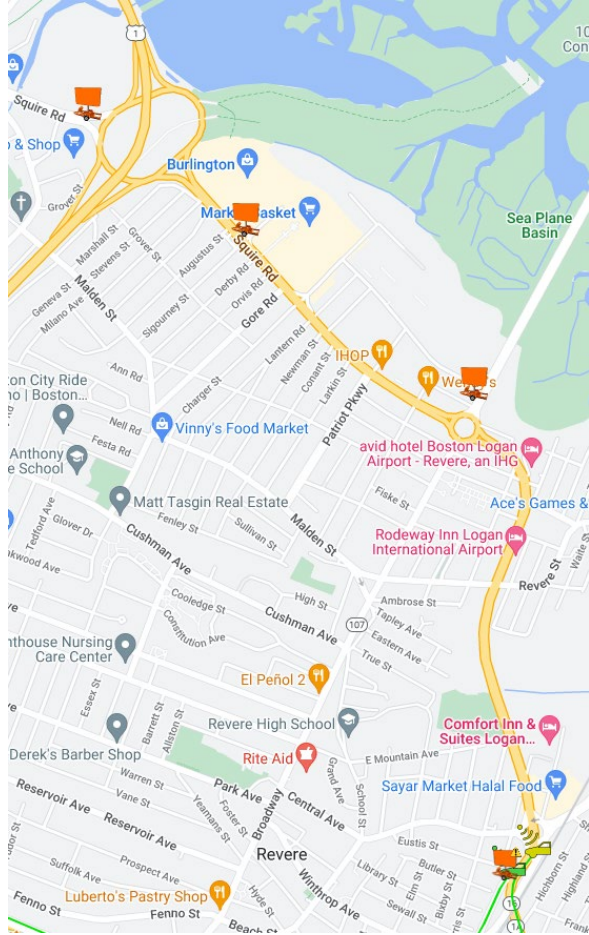
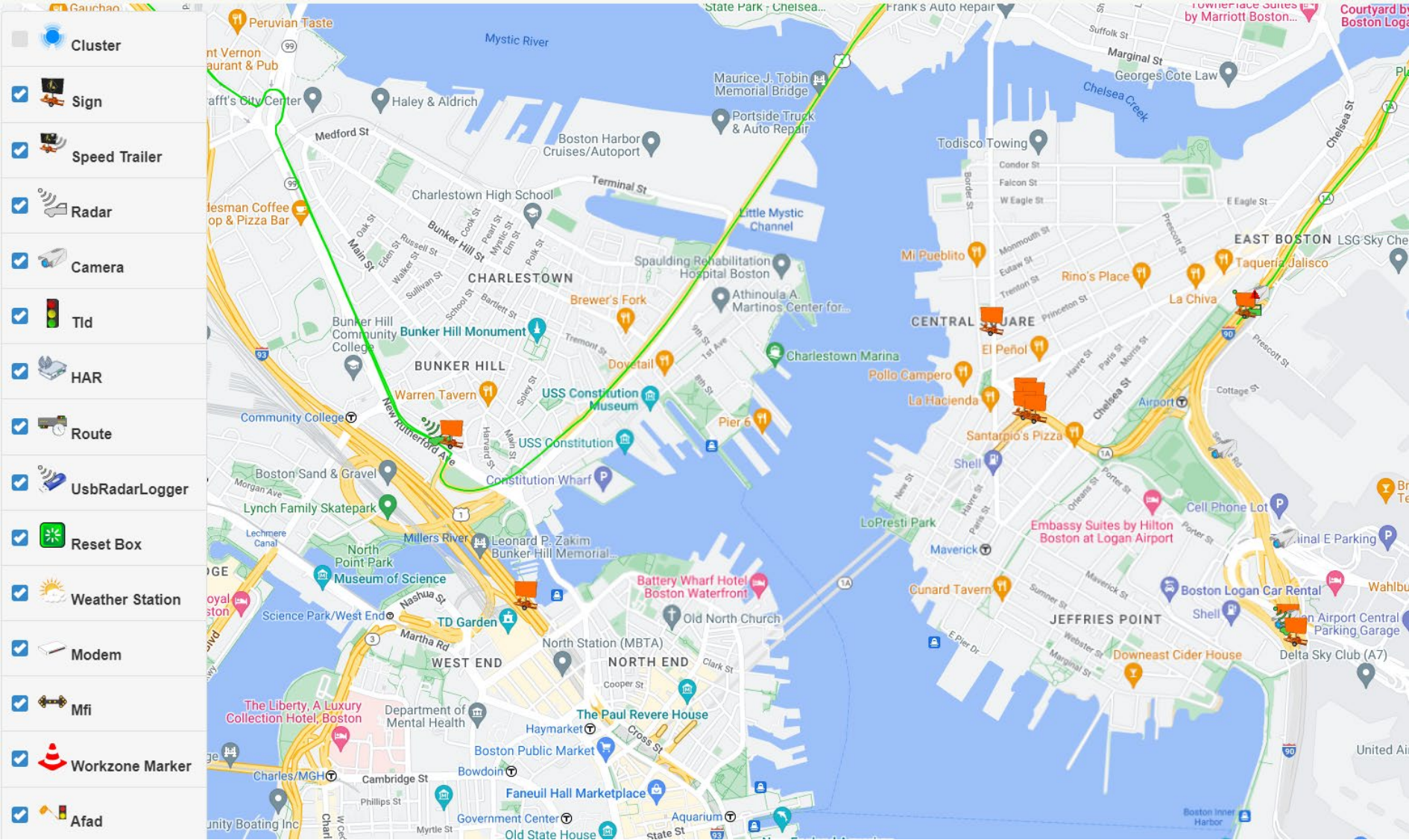
RITIS System

- Congestion Scans
- Travel Times
- Speeds

Historic Traffic Time Dashboard – *under review*

- Provide directional travel time history for the signed detour routes

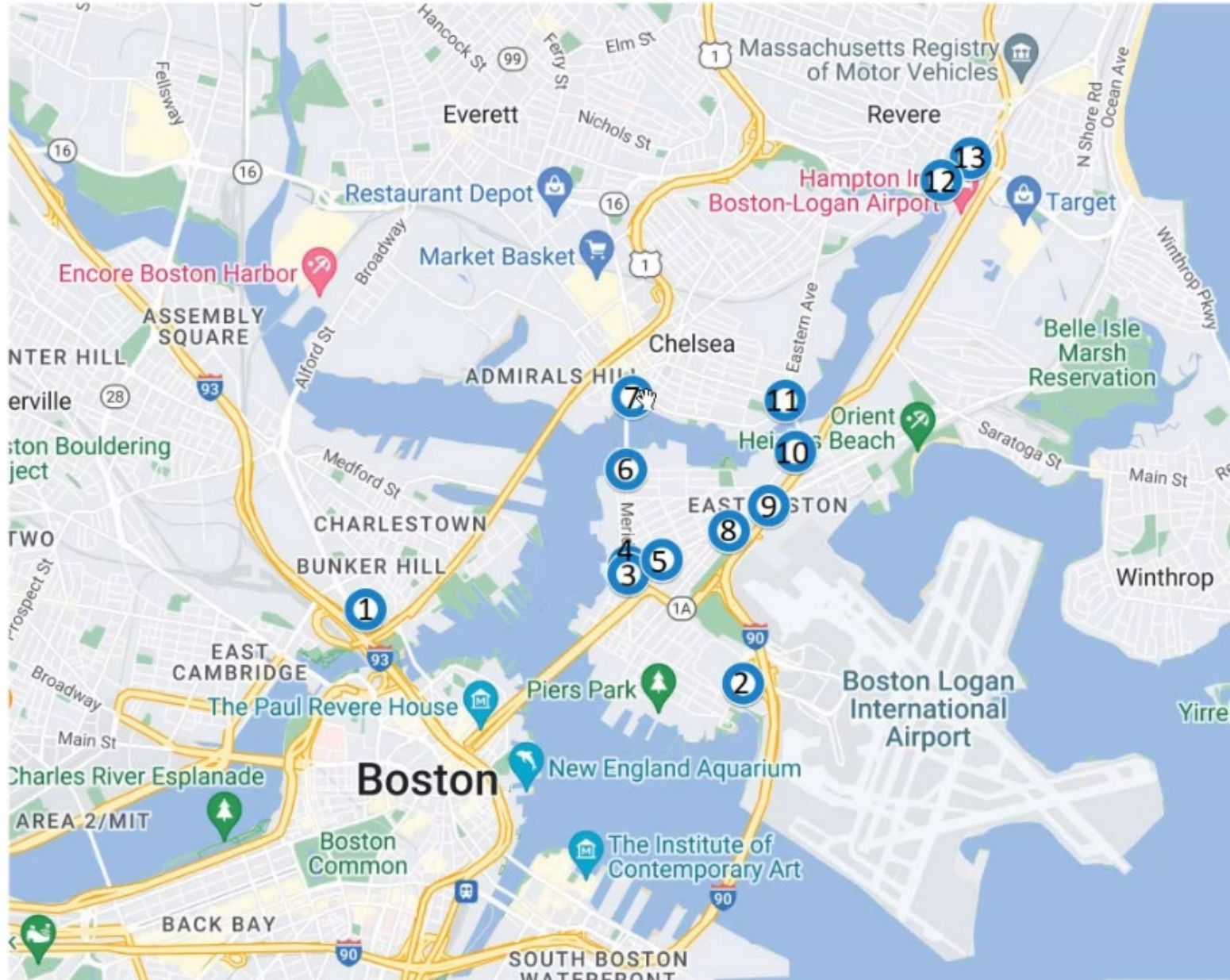
Real-time Traffic Monitoring



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

The screenshot shows the Mass511 website interface. At the top, there's a search bar and navigation links for 'Statewide' and 'Boston Metro'. Below this is a 'What are you looking for?' section with icons for Incidents, Construction, Cameras, Go Time Boards, and My 511. A search bar below that shows '0 Critical Events' and a message: 'No results found. Make sure at least one map layer is turned on. We can't find any critical road or weather events in your searched area.' Below this is an 'Announcements' section with an orange box containing the following text:

Summer Tunnel Closure until Aug 30
DETOUR TRAVEL TIMES

VIA I-90 / TED WILLIAMS TUNNEL	
3.9 MI	22 MINS
VIA XXX	
XX MI	X MINS

Below the table is a link: [Learn more about the Summer Tunnel Closure](#)

The main part of the screenshot is a map of Massachusetts with various road events marked with icons and numbers. A red box with the text 'Under Development' is overlaid on the map. On the right side, there's a 'Layers' panel with various map layers like Cameras, Go Time Boards, Traffic Conditions, Mile Markers, Weather Alerts, Weather Radar, Restrictions, Other States' Info, and Commercial Vehicles. At the bottom, there's a 'Map' button and a 'Stop sharing' button.



Public Outreach



Meetings	Direct Outreach	Provide Information	Places and Spaces
<ul style="list-style-type: none"> • Virtual legislative briefings • Virtual stakeholder and community group briefings • Virtual public meetings 	<ul style="list-style-type: none"> • Neighborhood pop-ups • Informational posters throughout the region • Emails to EZ-Pass holders in 25 municipalities • Outreach to Logan Express, Regional Bus Companies, and Rental Car Agencies • Outreach to abutters and diverse community groups • Outreach to businesses/organizations • Encourage use of park and rides and ridesharing apps such as Uber and Lyft 	<ul style="list-style-type: none"> • Update project website • Provide regular project and traffic updates via email listserv • MassDOT social media posts • Press briefings • Press releases • Newspaper notices • Radio/Media 	<ul style="list-style-type: none"> • Little League Opening Day Events • Chelsea Market Basket • Mayor Wu’s Coffee Hours • East Boston Neighborhood Food Bank • La Collaborative • Suffolk Downs Daffodil Dash • Piers Park

Public Outreach Activities May-June

Briefings

- Jefferies Point Neighborhood Associations (5/8)
- City of Boston (5/9)
- TNC Operators (5/9)
- Massport Cargo Consortium (5/10)
- Local Elected Officials (East Boston and the North End) (5/11 and 6/13)
- Massport Taxi Industry (5/11)
- Mass. State House (5/24 and 6/15)
- Maverick Central Neighborhood Association (5/16)
- Business/Organization Briefings 5/17 & 5/18
- Boston MPO (5/18)
- Ray Flynn Marine Park Business Association (5/23)
- Trucking Association of MA (5/23)
- Harbor View Neighborhood Association (6/5)

Public Outreach Activities May-June



Events / Pop-ups

- Revere Public Library (5/2)
- Chelsea Market Basket (5/3)
- East Boston Little League Opening Day (5/6)
- Piers Park Opening Day (5/6)
- 10 Park Plaza (5/8)
- Mayor Wu’s Coffee Hour (East Boston and the North End) (5/27, 5/24, and 5/31)
- Kennedy Greenway (5/18, 5/25, 6/14, and 6/15)

Public Information Meetings

Next Public Meetings- May 24th and 25th

- Updated Project Website
- Email notification via project listserv (over 2000 contacts)
- MassDOT social media posts
- Press Advisory- Early next week
- EZ Pass User Notification (736,830 email addresses across 131 zip codes and 25 towns)
- Flyers to direct abutters in North End and East Boston
- Newspaper Notices

*Additional Public Meetings- June 20th & 21st

Project Communications

Explore Sumner Alternatives

Expected 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

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



May 18, 2023

AGENDA

1. Introductions
2. Chair's Report
3. Executive Director's Report
4. Public Comments
5. Committee Chairs' Reports
6. Regional Transportation Advisory Council Report
7. Action Item: April 13, 2023, MPO Meeting Minutes
8. Action Item: FFYs 2023–27 TIP Amendment Four
9. Action Item: FFYs 2023–27 TIP Amendment Six
10. Action Item: FFYs 2023–27 TIP Amendment Seven
11. Summary of Needs Assessment Findings
12. Sumner Tunnel Project
- 13. Members' Items**

Members' Items

Reports and notices by MPO members, including regional concerns and local community issues



*Technical difficulties?
Call Stella Jordan at 857.702.3675 or
email sjordan@ctps.org.*