

Statewide Construction Coordination 2024–2026

April 16, 2024



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2024 Statewide Project with Impacts

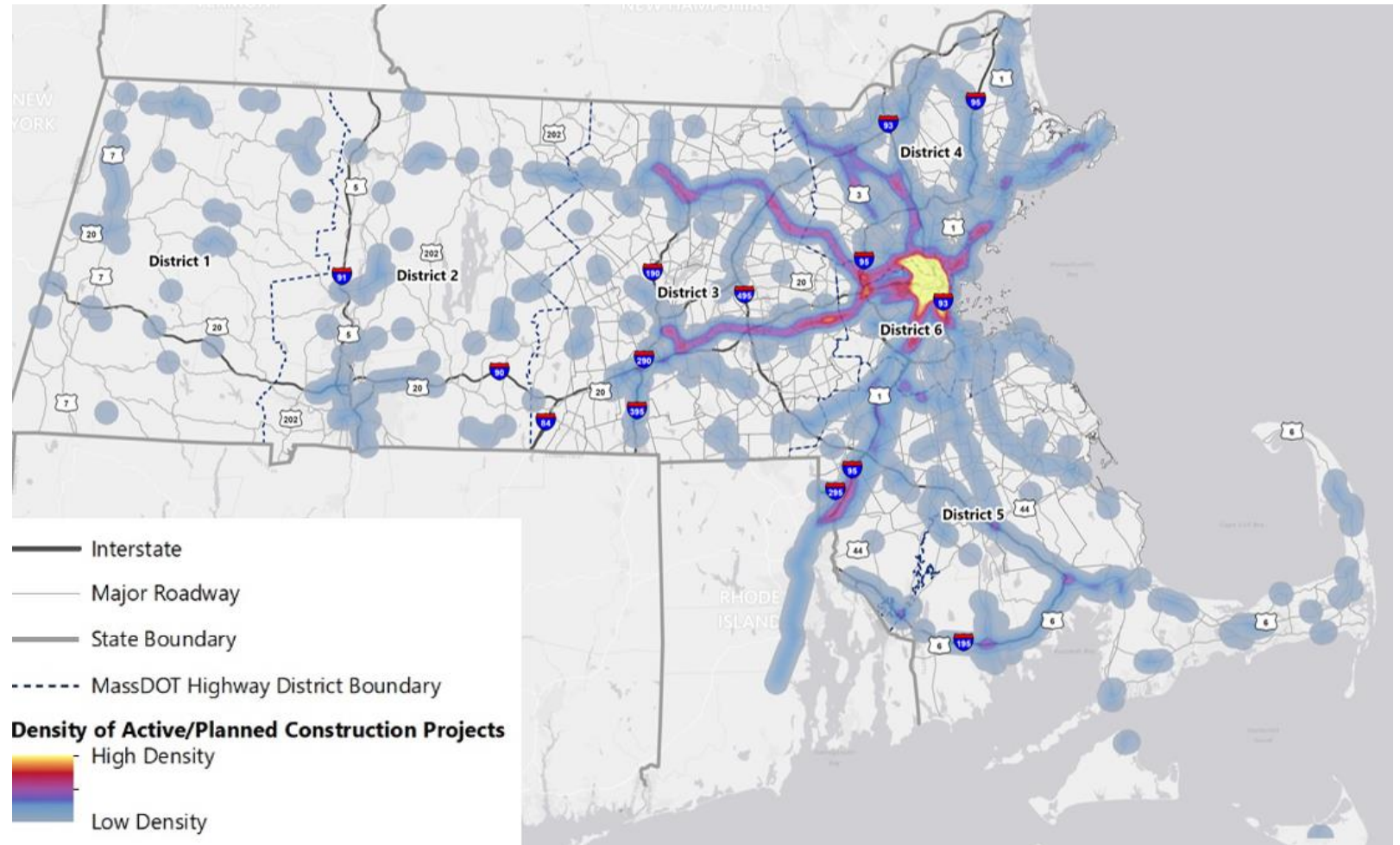
Project Density Heat Map

3

- 601 Projects
- As of March 1, 2024

Project Type	Number	Percent of Total
Roadway*	329	55%
Bridge	157	26%
Transit	73	12%
Ped/Bike	23	4%
Utilities	19	3%
Owner/Proponent	Number	Percent of Total
MassDOT Highway	478	79%
MBTA	70	12%
Other	53	9%

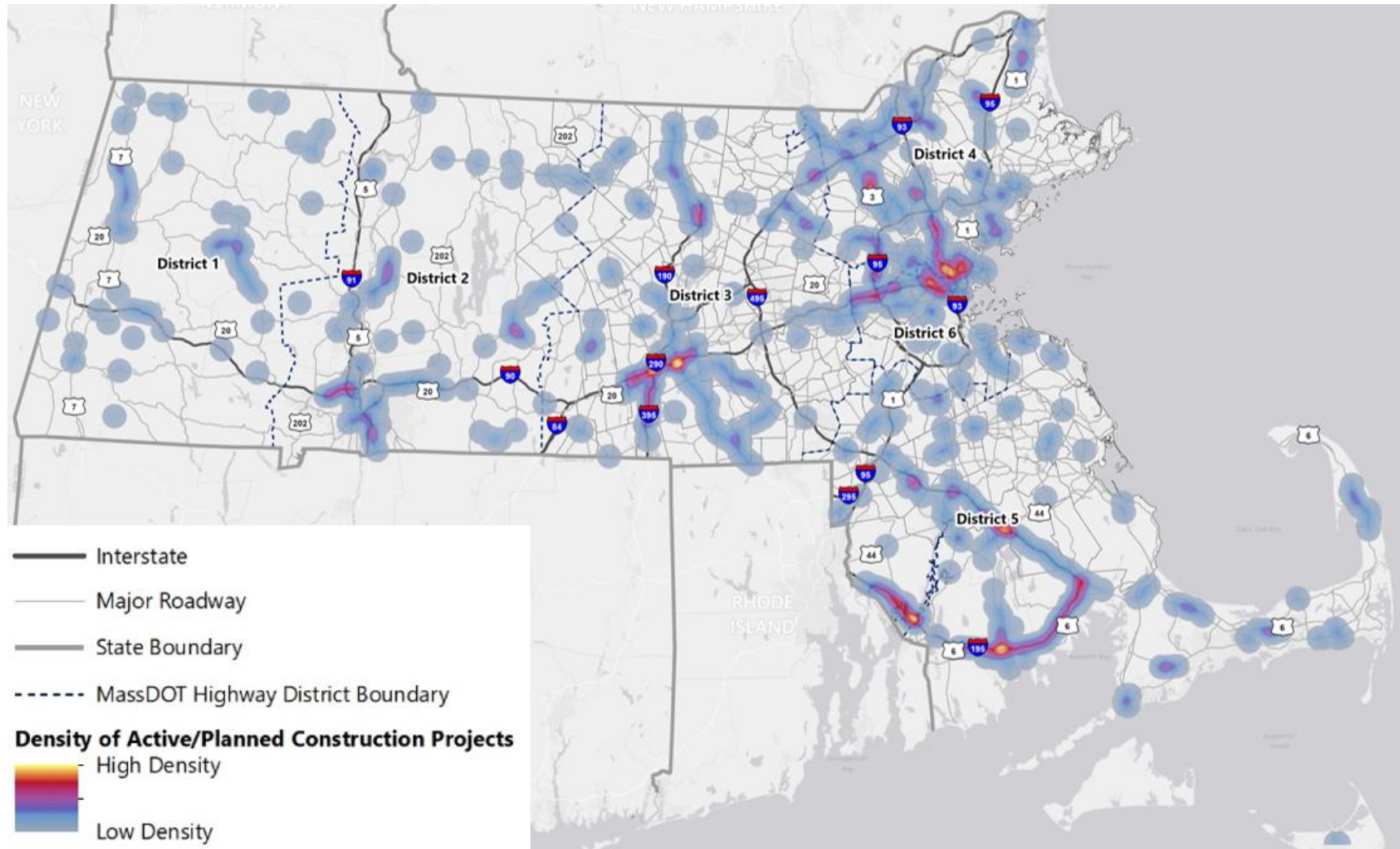
*Roadway projects also include maintenance projects with flexible impacts.



2025 Statewide Project with Impacts

Project Density Heat Map

4

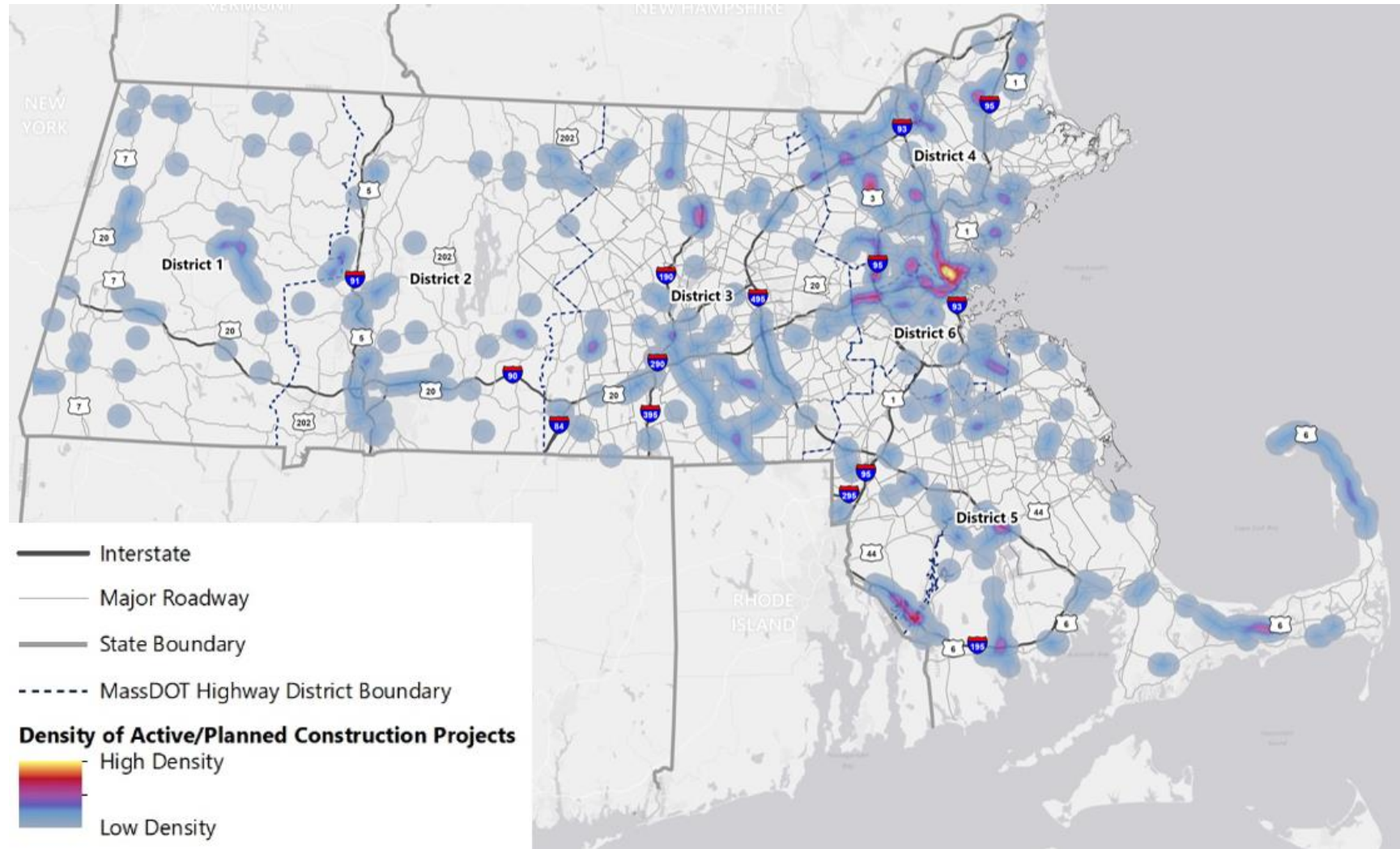


463 projects statewide with impacts to the traveling public

2026 Statewide Project with Impacts

Project Density Heat Map

5



380 projects statewide with impacts to the traveling public

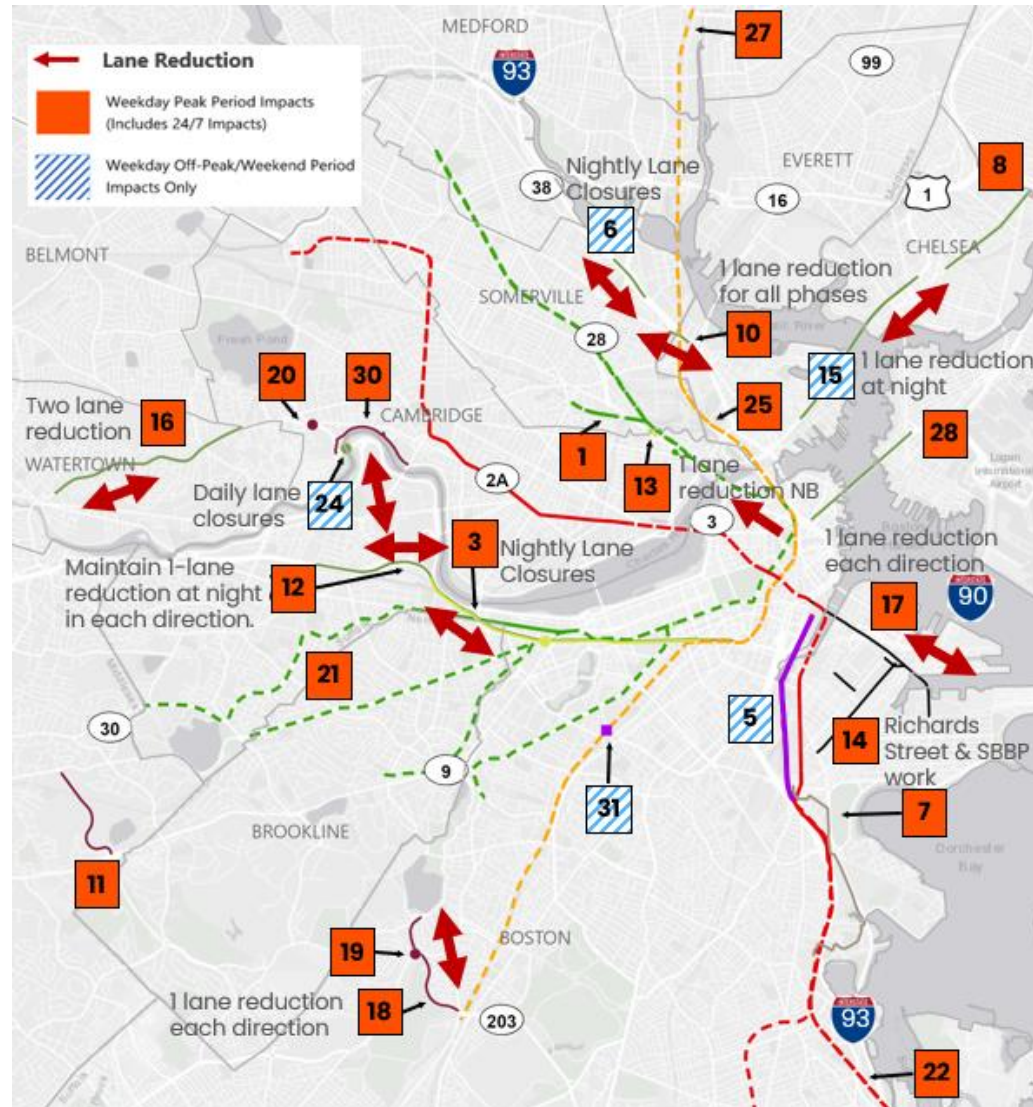
(2 of 2)

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Boston Core

Review of Transportation Impacts – Summer 2024 (1 of 2)

8

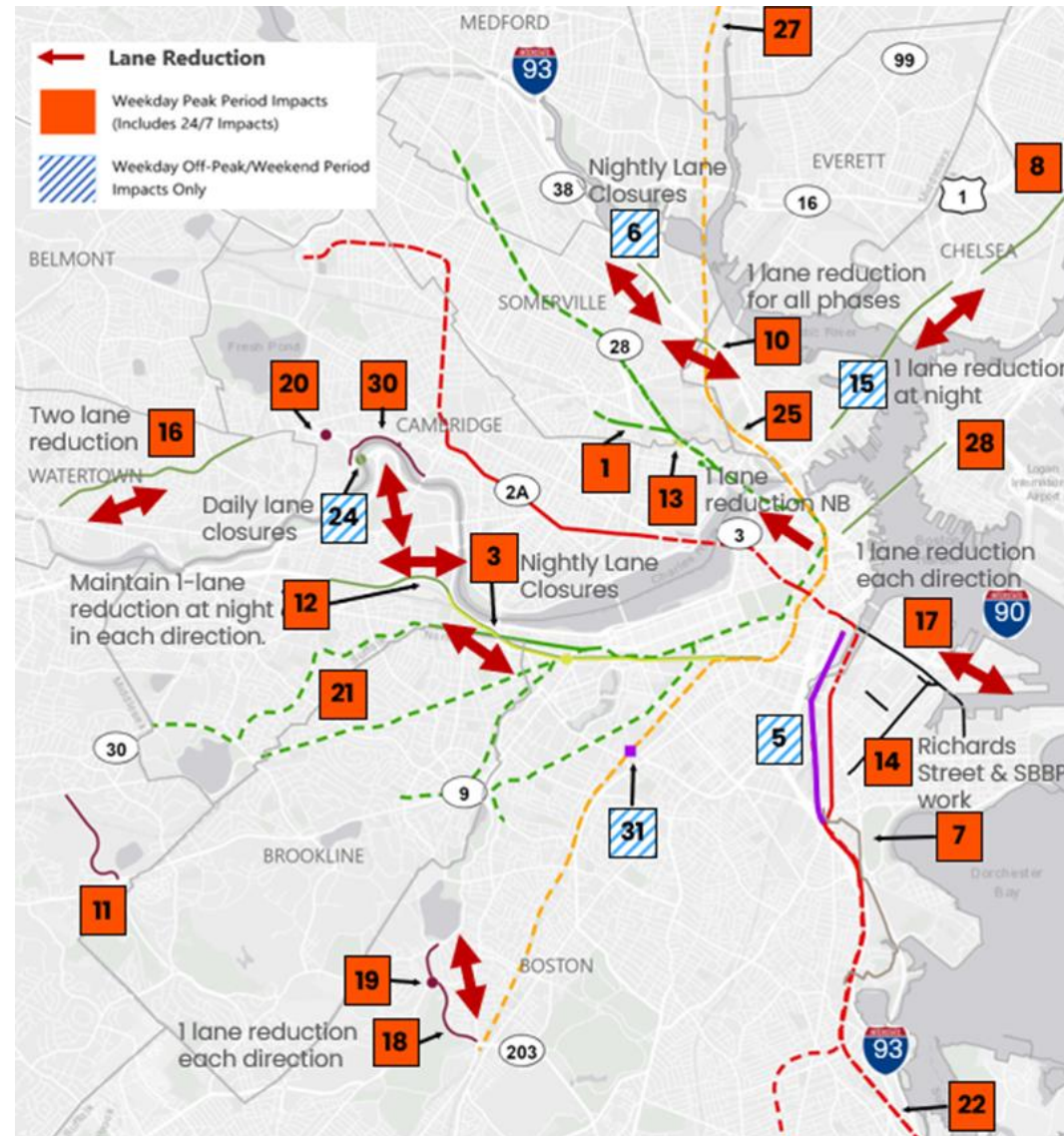


- 1 Green Line Extension (T)
- 3 I-90 Air-Rights Parcel 7 and Prudential Tunnel Lighting Rehabilitation
- 5 DOT Avenue Bridge (RL and CR) (T)
- 6 Somerville Viaduct
- 7 Eversource – Andrew Square to Dewar Street Reliability Project
- 8 Broadway Reconstruction
- 10 Maffa Way & Mystic Avenue Railroad Bridge Replacement
- 11 DCR – Hammond Pond Parkway Road Diet
- 12 Bridge Preservations for I-90 over MBTA (Allston Multimodal)
- 13 MassDOT Permit Project – 15 McGrath Highway (Route 28) Cambridge
- 14 Massport Roadway Reconstruction – Cypher Street, E Street, Fargo Street
- 15 Tobin Bridge Structural Cleaning, Painting, Steel Repairs, Deck Repairs and Resurfacing

Boston Core

Review of Transportation Impacts – Summer 2024 (2 of 2)

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- 16 Mount Auburn Street (Route 16) Rehabilitation
- 17 Massport South Boston Bike Lane Construction
- 18 DCR – Arborway
- 19 DCR – Arborway at Murray Circle
- 20 Fresh Pond Parkway / Mt. Auburn Street (Long-term)
- 21 Green Line – TIP Projects (T)
- 22 Red Line – TIP Projects (T)
- 24 Eliot Street Brick and Granite Cap Repair and Replacement over the Charles River
- 25 Maffa Way & Mystic Avenue Railroad Bridge (T) Replacement – OL Impacts
- 27 Orange Line – TIP Projects (T)
- 28 Sumner Tunnel Deck Work
- 30 Memorial Drive, Eliot Bridge to N Harvard Street
- 31 Ruggles Station Improvements Phase 2 (T)

Looking Ahead: Highway Division Major Projects

2024 and Beyond – Highlighted Projects (full list in Appendix)

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Project	District	Construction
Russell – Bridge Street over the Mill River & South Main Street over the Mill River Bridge Replacement	District 1	2026 – 2030
Williamsburg – Bridge Street over Westfield River Bridge Replacement	District 1	2029 – 2032
Chicopee – I-391 over Route 116 (Chicopee Street) Bridge Replacement	District 2	2025 – 2028
Springfield/West Springfield – Route 20 (Park Avenue) over Connecticut River Bridge Replacement	District 2	2027 – 2030
Worcester – Harrison Street and Laurel Street over I-290 Bridge Reconstruction	District 3	2025 – 2028
Natick – Route 27 over Route 9 Interchange Reconstruction	District 3	2024 – 2029
Andover – I-93 over Merrimack River Bridge Preservation	District 4	2025 – 2028
New Bedford/Fairhaven – Swing Bridge Replacement	District 5	2027 – 2031
Bourne/Sagamore – Cape Cod Canal	District 5	2028+
Boston – Bowker Overpass over I-90/MBTA/Ipswich Street Bridge Replacement	District 6	2025 – 2028
Boston – I-90 Allston Multimodal Transportation Project	District 6	2027+

Thank You



Appendix

Construction Coordination & Management Planning

Project Background

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In 2018 MassDOT and MBTA began working collaboratively to develop a more coordinated approach for the upcoming construction seasons

- Goal: Maximize mobility in the face of multiple Highway, Transit, other state agencies, private utilities, and private development projects that reduce capacity and creates diversions.

Project database includes over 1900 total projects that are being tracked.

As of March 1, 2024, collected and analyzed project data for the entire state.

- 601 projects for 2024 with impacts to vehicle/transit users
- 463 projects for 2025 with impacts to vehicle users (excluding MBTA)
- 380 projects for 2026 with impacts to vehicle users (excluding MBTA)

Construction Coordination & Management Planning

Agency Data

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Project information is incorporated from the following sources and dates.

- MassDOT Highway (all districts) in January 2024
- MassDOT Access Permits (all districts) in January 2024
- MBTA Construction Schedule dated January 26, 2024
- MBTA Track Improvement Program dated November 9, 2023
- Other MBTA coordination in February 2024*
- DCR coordination in December 2023
- Massport coordination in February 2024
- Outreach was conducted to the following project owners with limited updates received in early 2024 construction season. All other information included was from previous coordination and/or publicly available information.
 - 15 Municipalities
 - National Grid, Eversource, Taunton Municipal Light Plan
 - MWRA, BWSC

Construction Coordination & Management Planning

Project Notes

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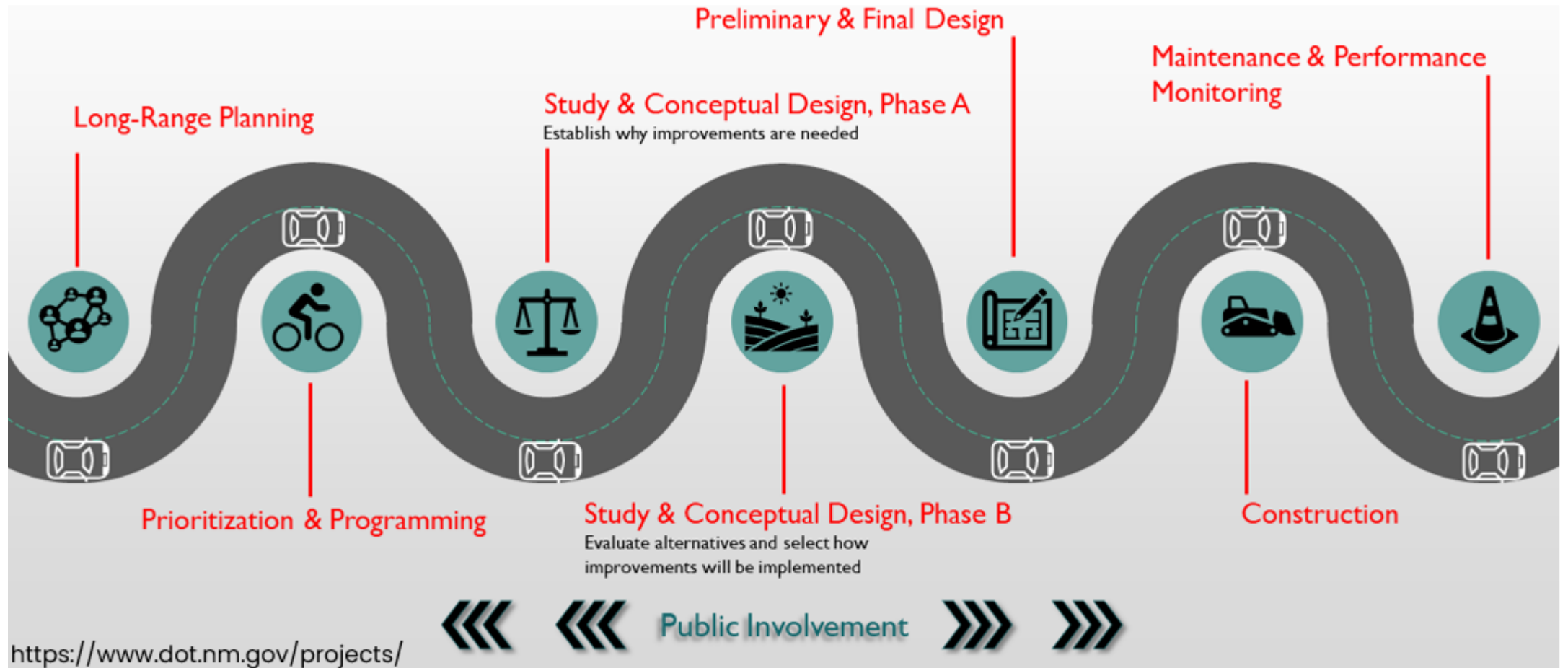
Important items to note:

- MassDOT data is as of March 1, 2024
- MBTA data reflects the January 31, 2024 Diversions and Track Outage Construction Schedule and November 9, 2023 Track Improvement Program.
- Heat maps include Highway and MBTA projects with roadway lane closures and transit service disruptions/diversion during all time periods.
- Not all projects have fixed work zones (e.g., various location highway maintenance projects).
- MBTA projects beyond 2024 were not included due to unconfirmed scheduling and impacts.
- MBTA project data supplied to Highway Division has not been finalized by MBTA and is subject to change.

Construction Coordination & Management Planning

Typical Project Programming Process

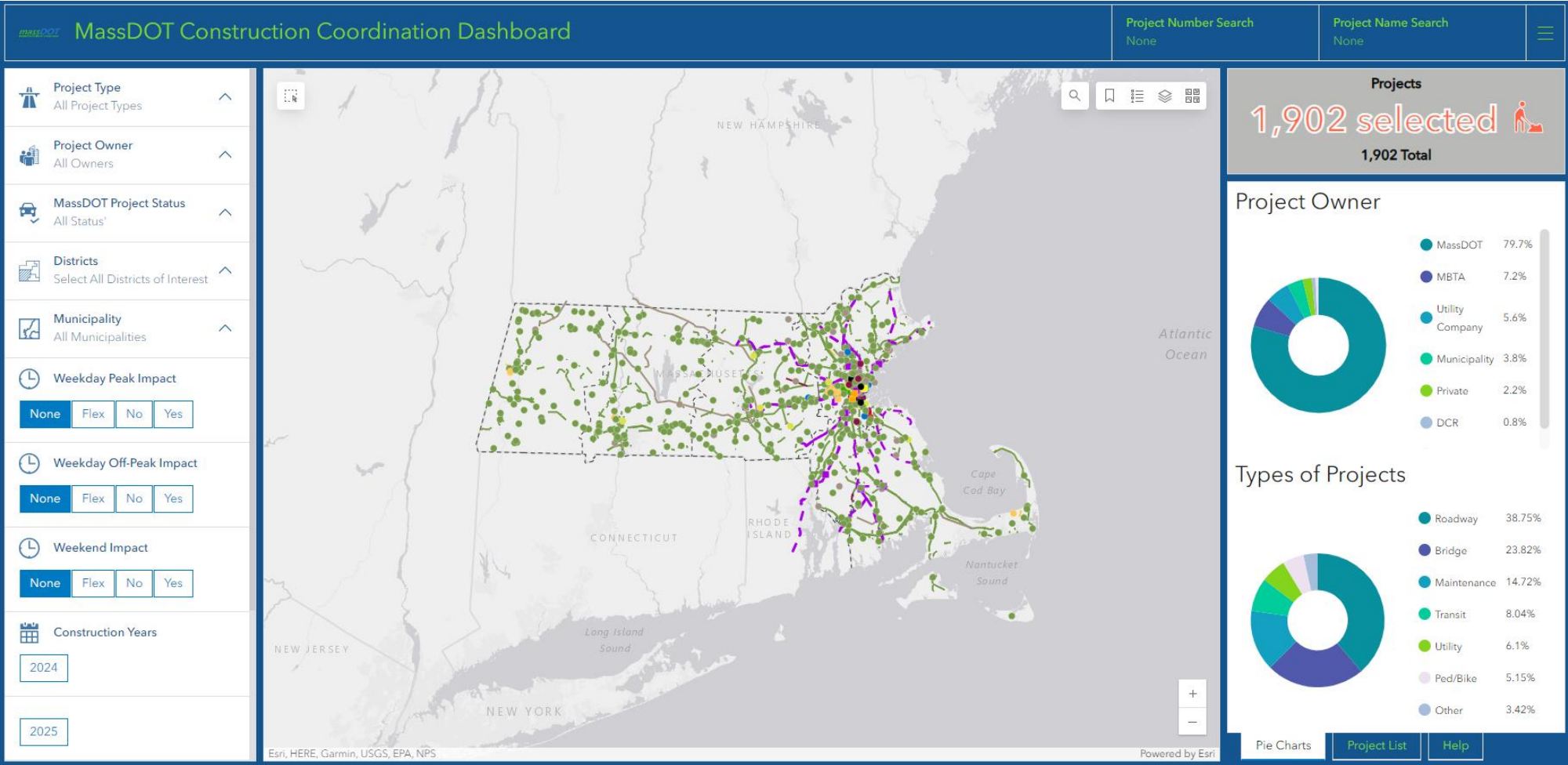
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Process can take several years to get from Planning to Advertising (Pre-Construction)

Project Dashboard

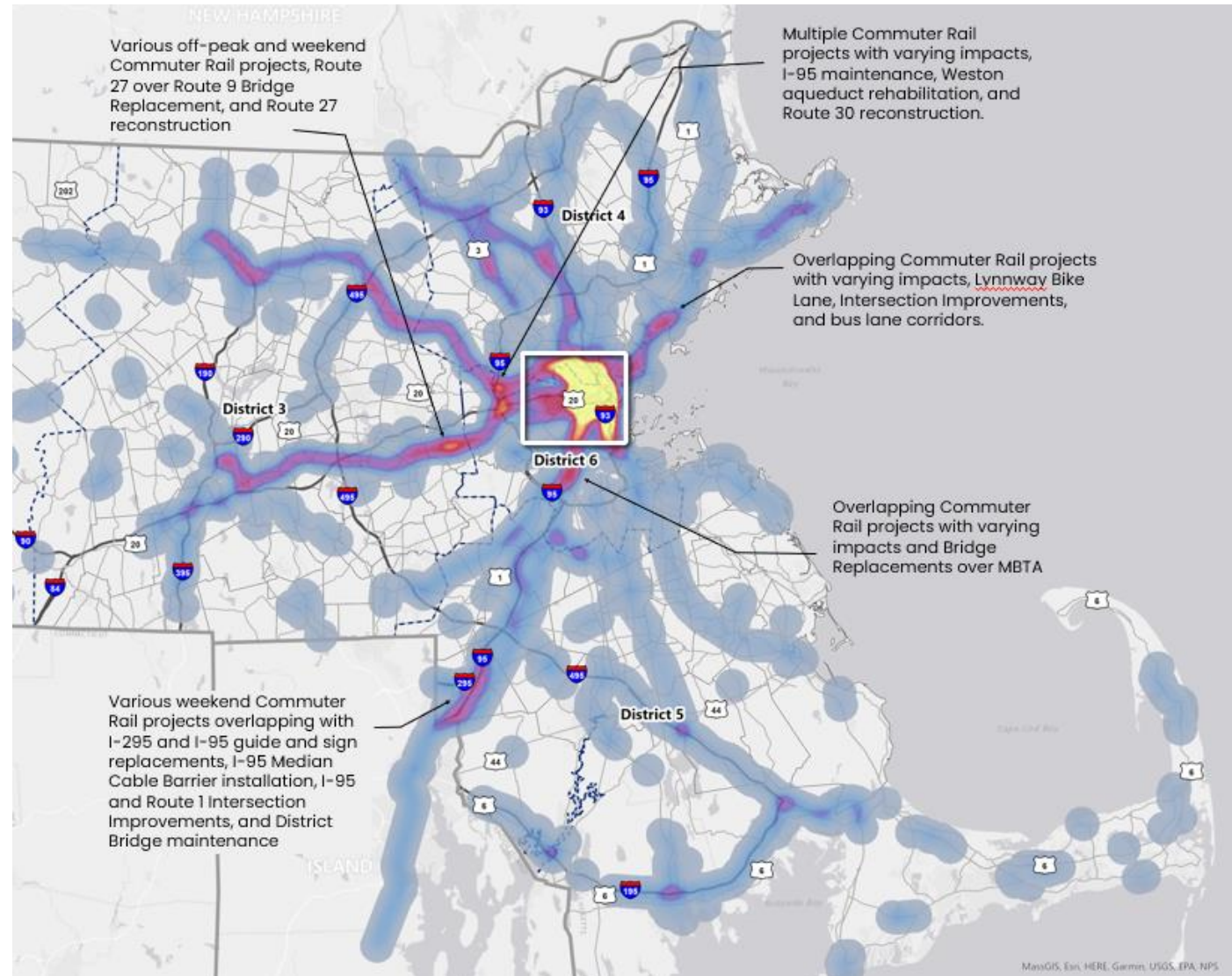
2024-2028 Project Years



2024 Statewide Project with Impacts

Project Density Heat Map & Hot Spot Identification – Boston Core

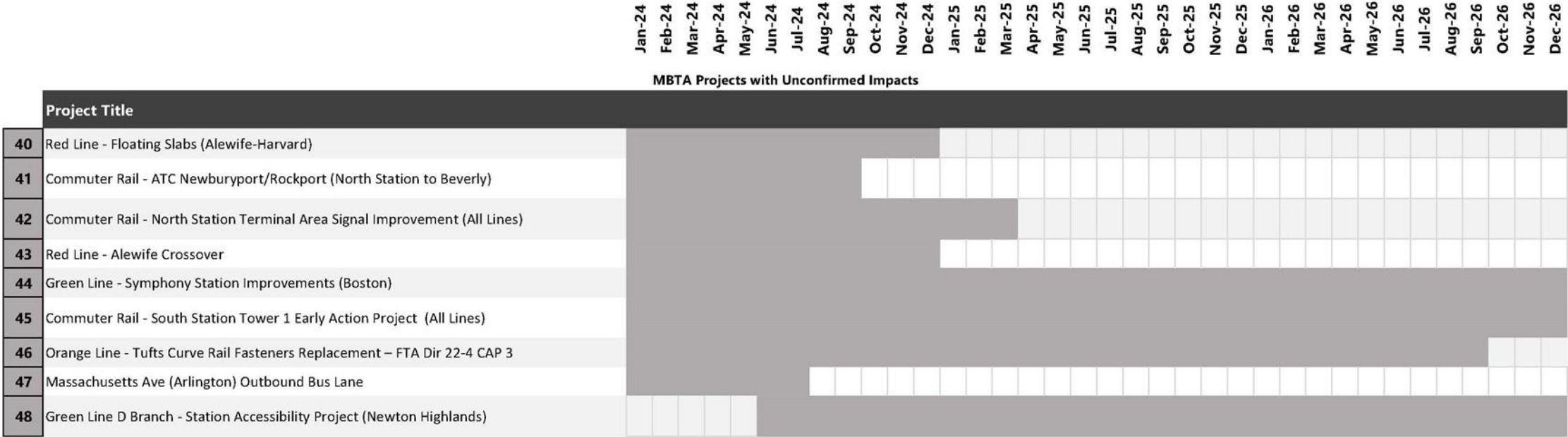
18



- 601 Projects
- Focus on Boston Core projects

Boston Core Anticipated Schedule

MBTA Project with Unconfirmed Impacts



2025 Statewide Project with Impacts

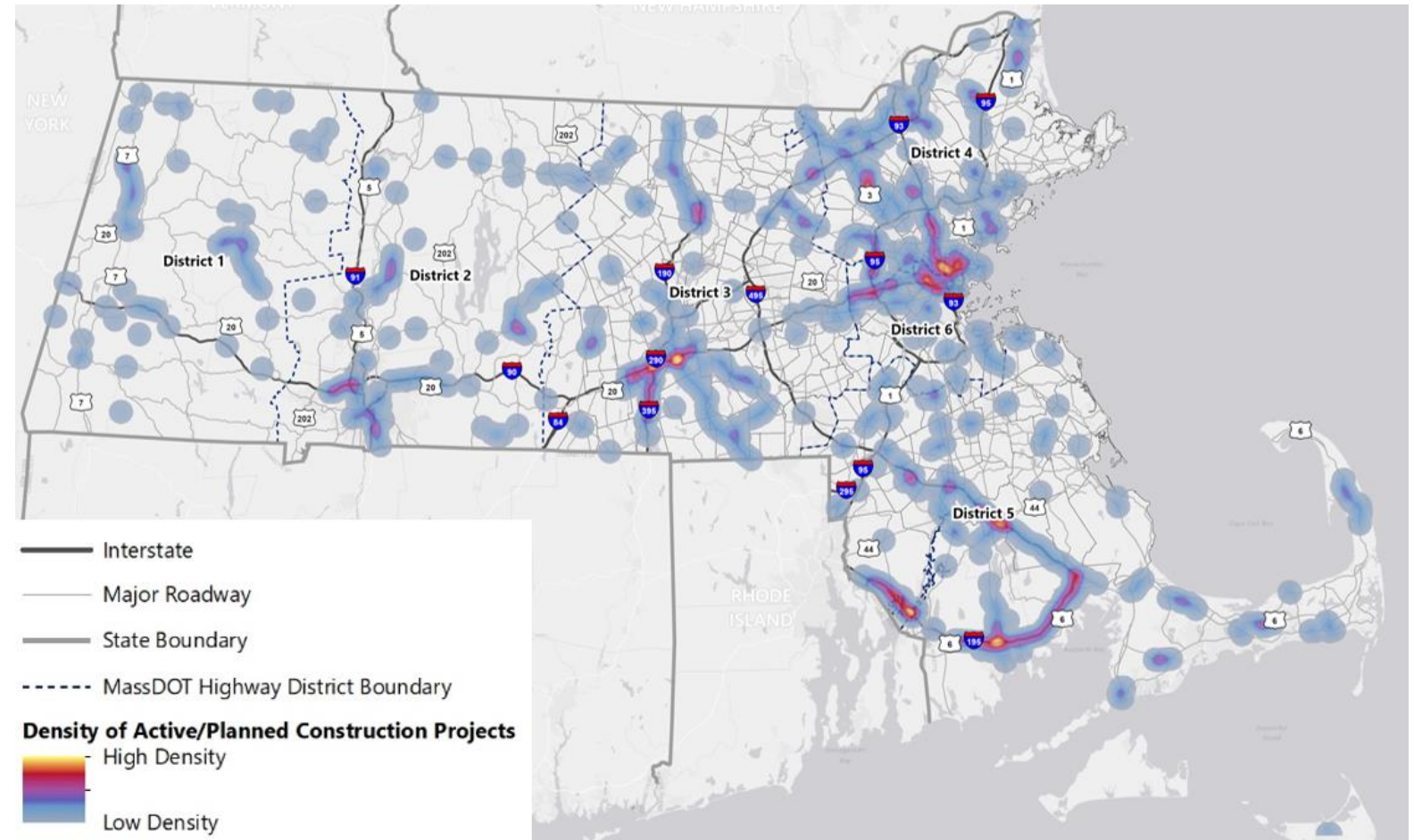
Project Density Heat Map

20

- 463 Projects
- As of March 1, 2024

Project Type	Number	Percent of Total
Roadway*	271	59%
Bridge	168	36%
Transit	1	0%
Ped/Bike	20	4%
Utilities	3	1%
Owner/ Proponent	Number	Percent of Total
MassDOT Highway	440	95%
Other	23	5%

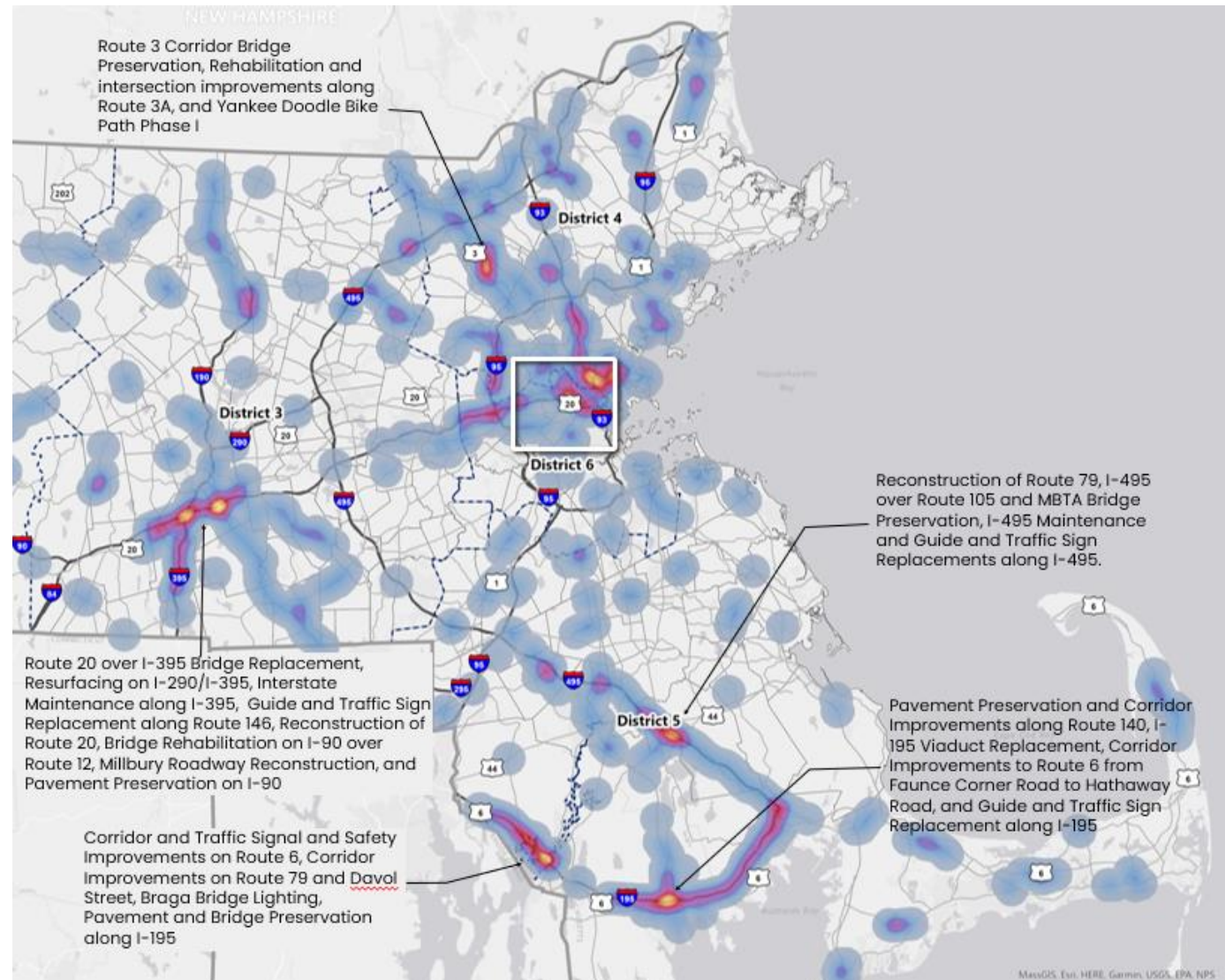
*Roadway projects also include maintenance projects with flexible impacts.



2025 Statewide Project with Impacts

Project Density Heat Map & Hot Spot Identification – Boston Core

21



- 463 Projects
- Focus on Boston Core projects

2026 Statewide Project with Impacts

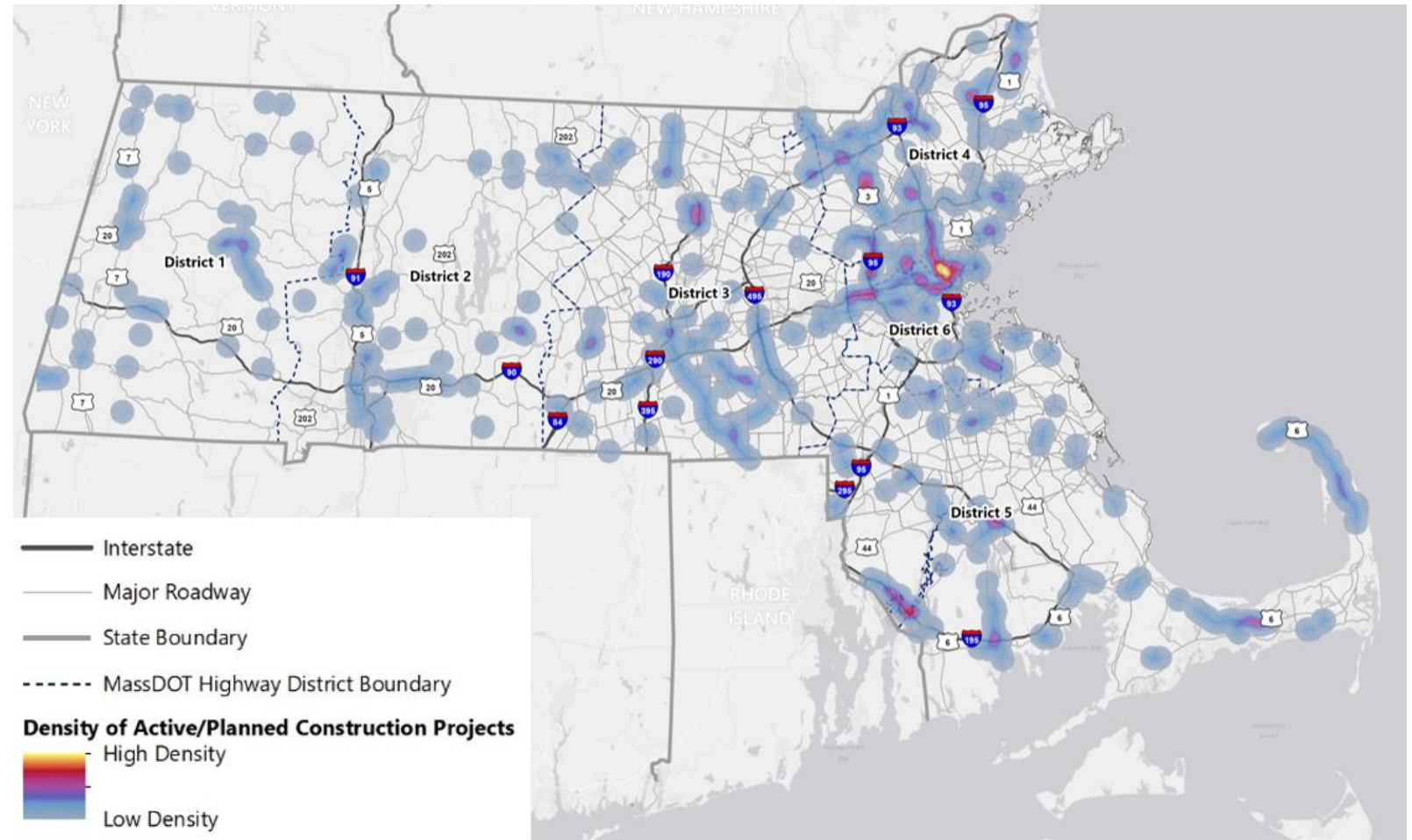
Project Density Heat Map

22

- 380 Projects
- As of March 1, 2024

Project Type	Number	Percent of Total
Roadway*	223	59%
Bridge	140	37%
Transit	0	0%
Ped/Bike	15	4%
Utilities	2	0%
Owner/ Proponent	Number	Percent of Total
MassDOT Highway	4365	96%
Other	15	4%

*Roadway projects also include maintenance projects with flexible impacts.



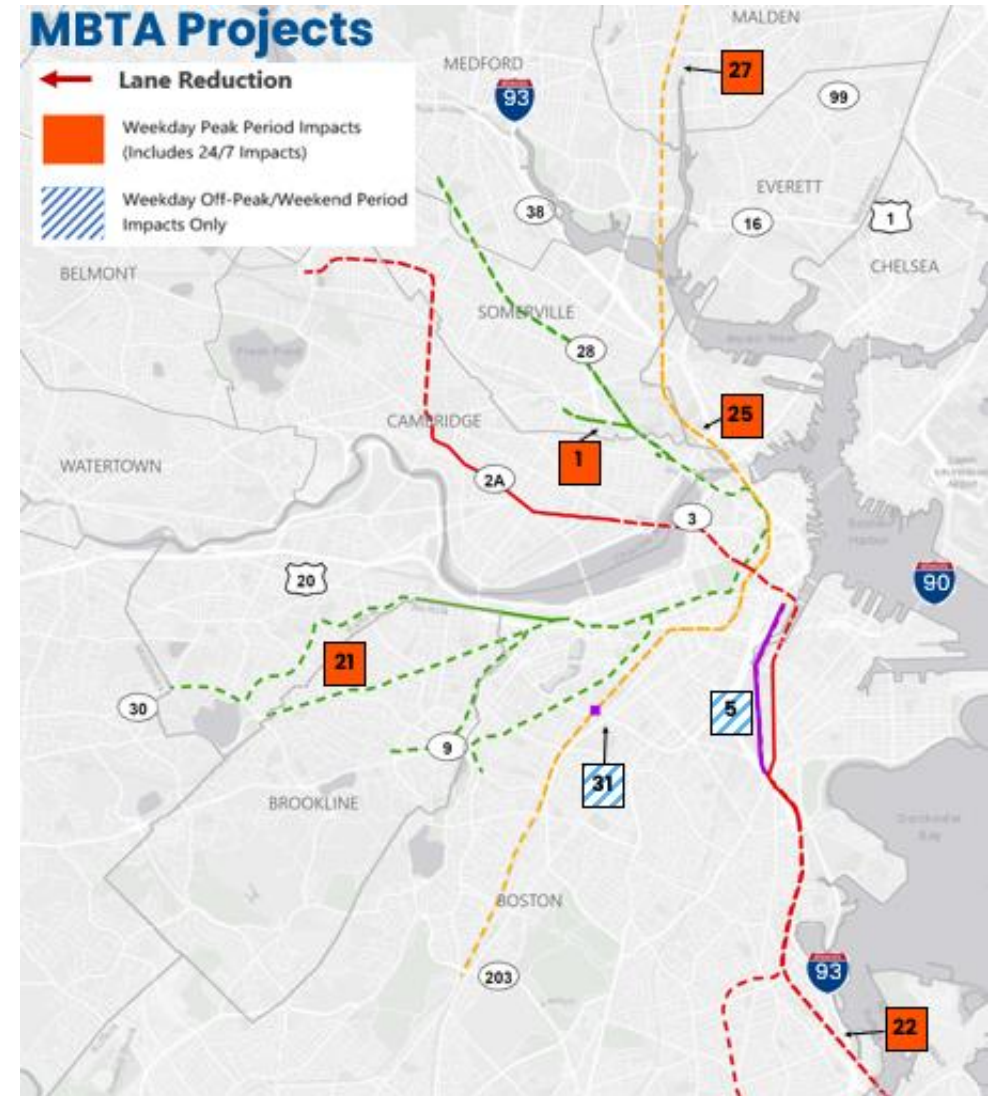
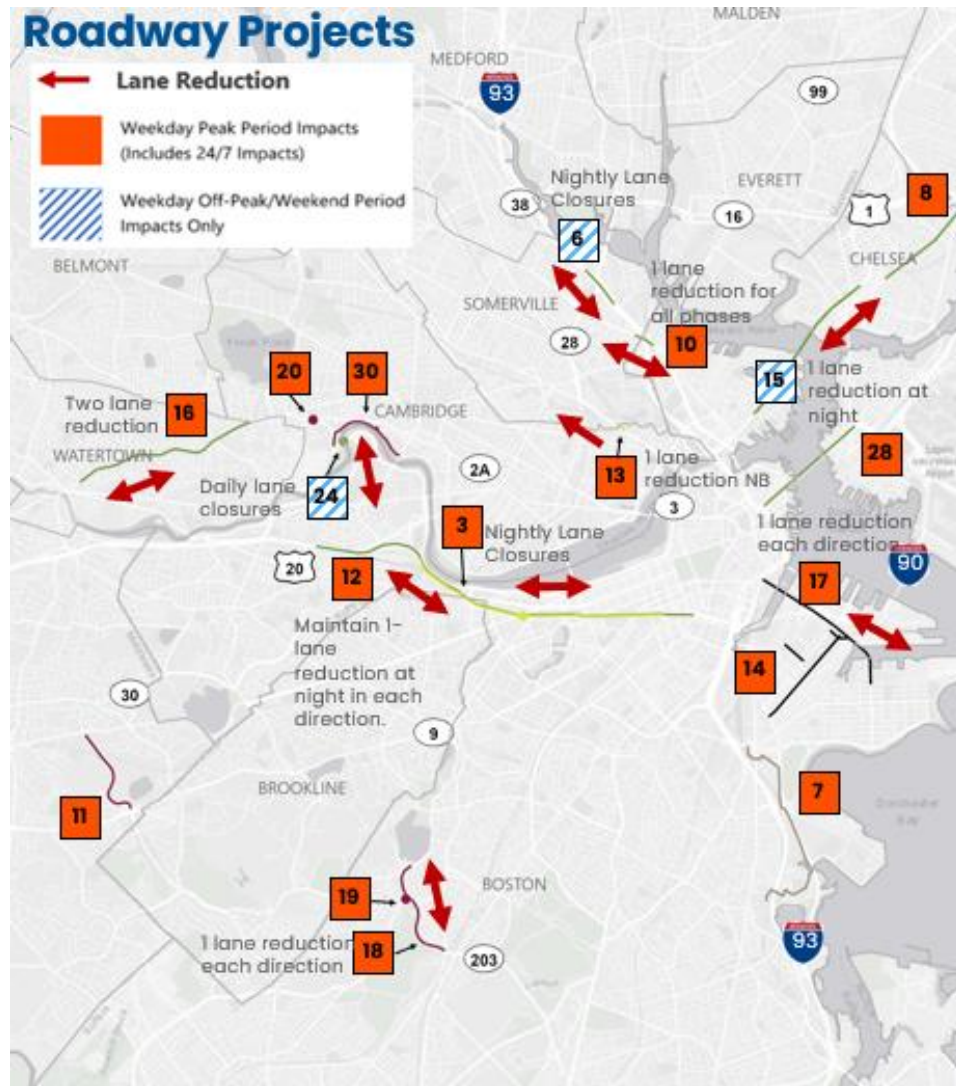
Project Density Heat Map & Hot Spot Identification – Boston Core

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- The logo for the Massachusetts Department of Transportation (MassDOT). It features the word "mass" in a green, lowercase, sans-serif font, followed by "DOT" in a blue, uppercase, sans-serif font. Below this, the full name "Massachusetts Department of Transportation" is written in a smaller, green, sans-serif font.

Boston Core

Review of Transportation Impacts – Summer 2024

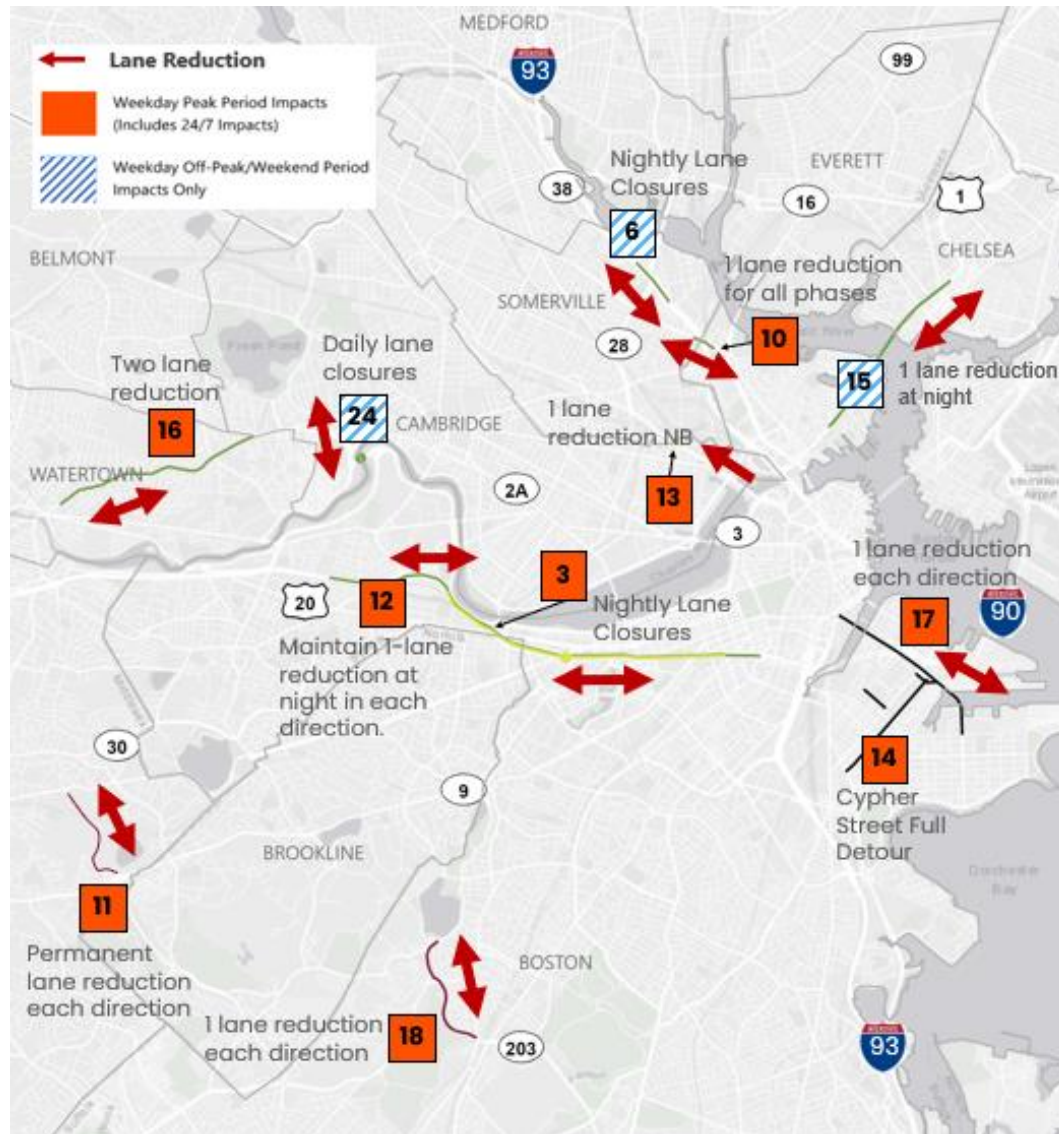
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Review of Long-Term Lane Closures – Summer 2024

25

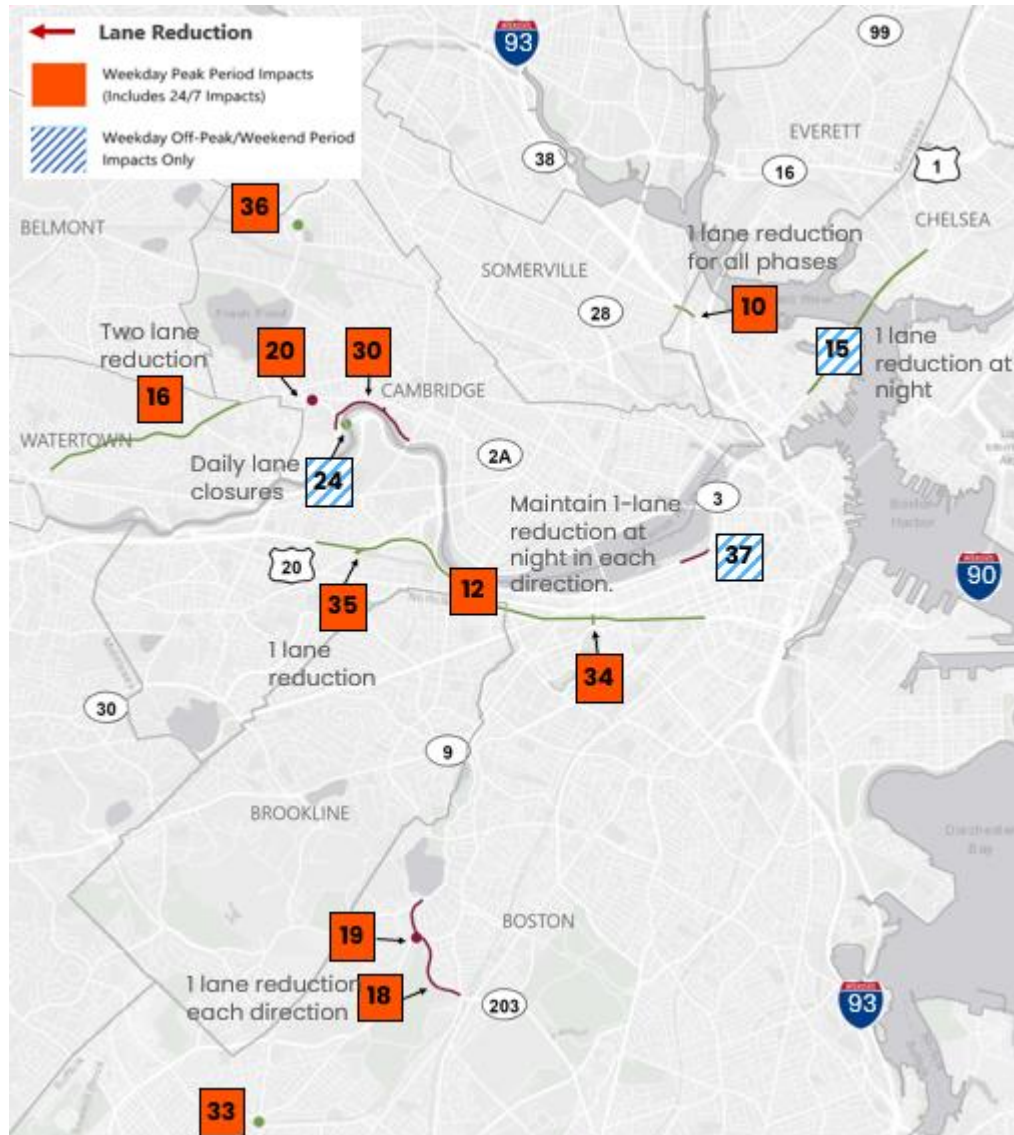


- 3 I-90 Air-Rights Parcel 7 and Prudential Tunnel Lighting Rehabilitation
- 6 Somerville Viaduct
- 10 Maffa Way & Mystic Avenue Railroad Bridge Replacement
- 11 DCR - Hammond Pond Parkway Road Diet
- 12 Bridge Preservations for I-90 over MBTA (Allston Multimodal)
- 13 MassDOT Permit Project – 15 McGrath Highway (Route 28) Cambridge
- 14 Massport Roadway Reconstruction – Cypher Street, E Street, Fargo Street
- 15 Tobin Bridge Structural Cleaning, Painting, Steel Repairs, Deck Repairs and Resurfacing
- 16 Mount Auburn Street (Route 16) Rehabilitation
- 17 South Boston Bike Lane Construction
- 18 DCR - Arborway
- 24 Eliot Street Bridge over the Charles River Repairs

Boston Core

Review of Transportation Impacts – Summer 2025

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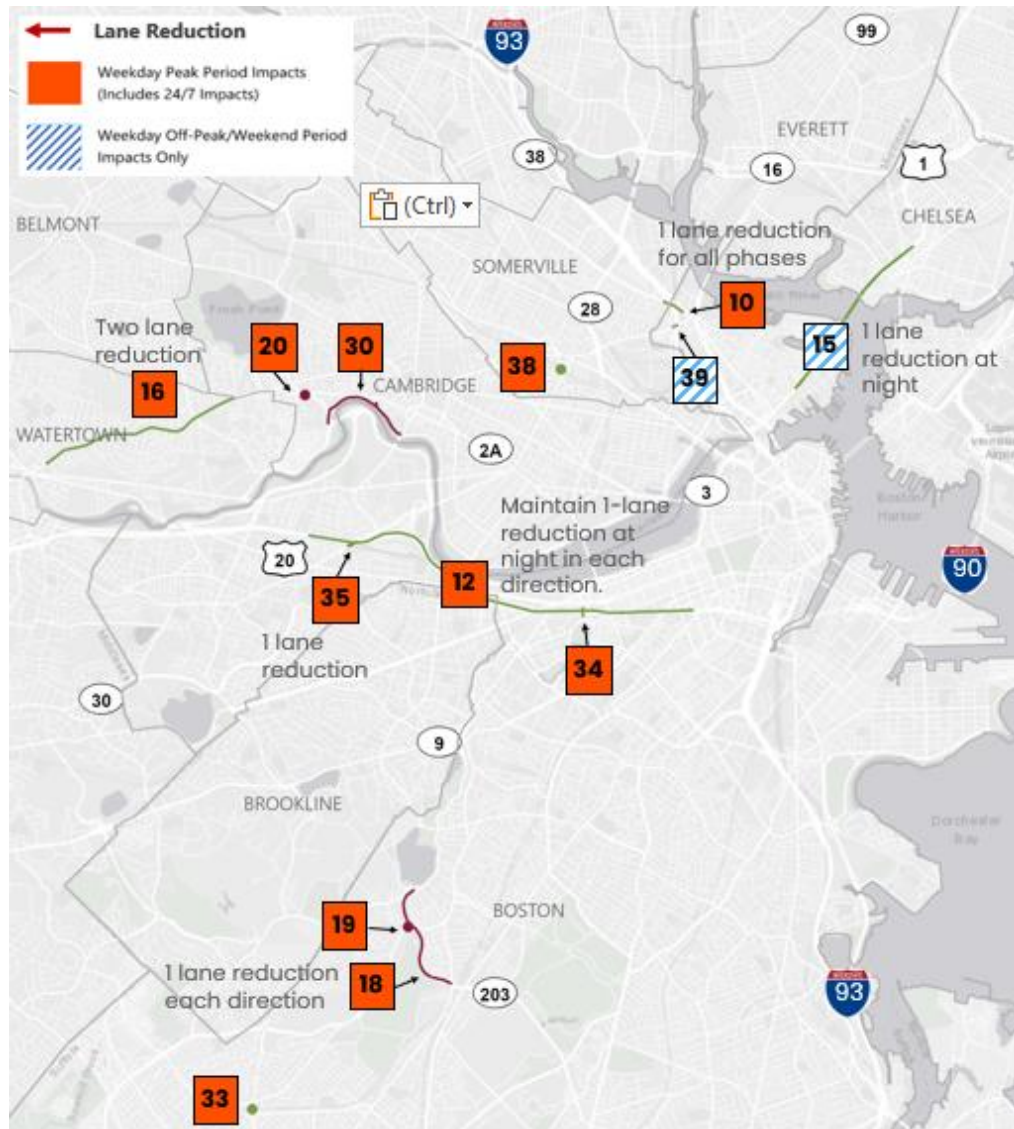


- 10 Maffa Way & Mystic Avenue Railroad Bridge Replacement
- 12 Bridge Preservations for I-90 over MBTA (Allston Multimodal)
- 15 Tobin Bridge Structural Cleaning, Painting, Steel Repairs, Deck Repairs and Resurfacing
- 16 Mount Auburn Street (Route 16) Rehabilitation
- 18 DCR – Arborway
- 19 DCR – Arborway at Murray Circle
- 20 Fresh Pond Parkway/Mt. Auburn Street (long-term)
- 24 Eliot Street Bridge over the Charles River Repairs
- 30 Memorial Drive, Eliot Bridge to N. Harvard Street
- 33 West Roxbury Parkway over MBTA Bridge Reconstruction
- 34 Bowker Overpass over I-90, MBTA/CSX, Ipswich Street Rehab
- 35 Cambridge Street over I-90 Deck Replacement
- 36 US Route 3/Route 16/Route 2 over MBTA Bridge Replacement
- 37 DCR – Storrow Drive Interim Repairs

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Review of Transportation Impacts – Summer 2026

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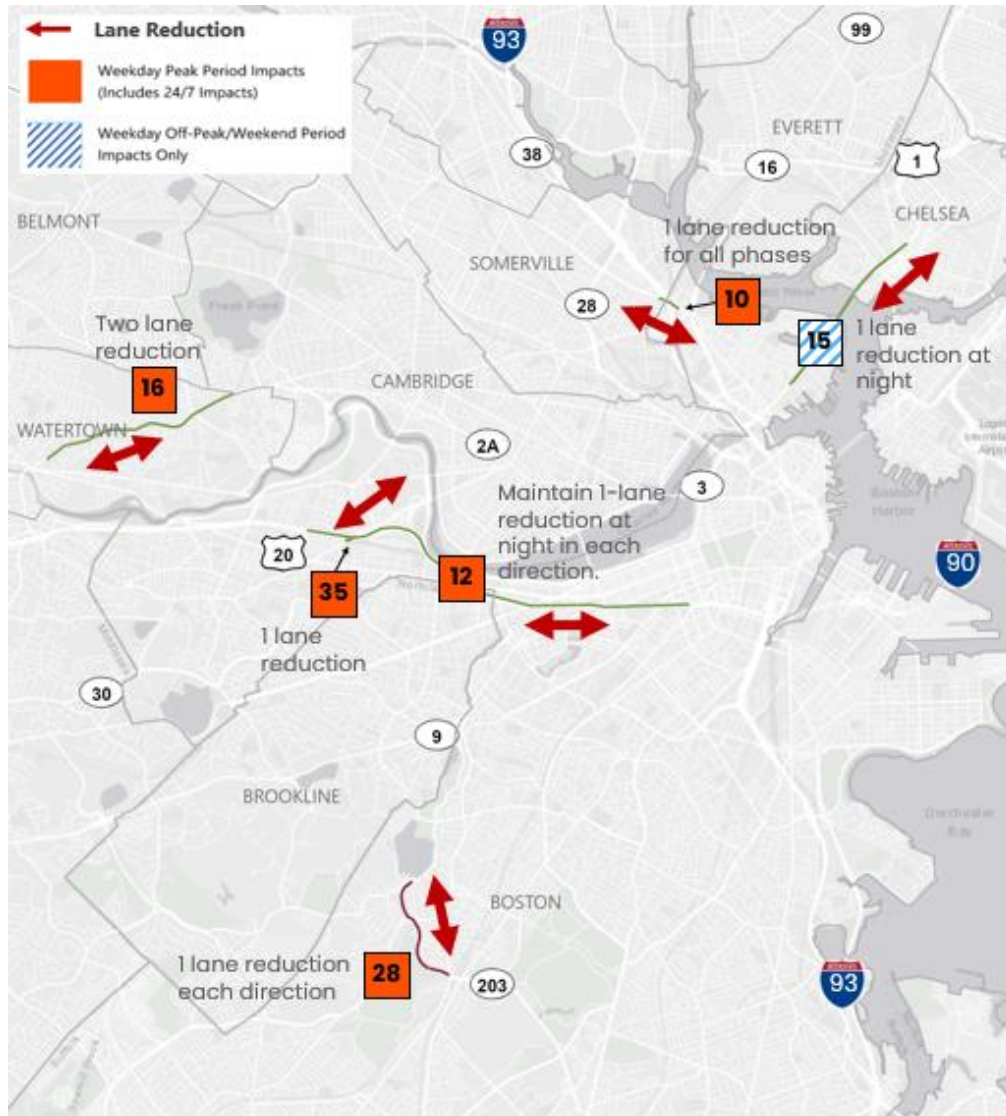


- 10 Maffa Way & Mystic Avenue Railroad Bridge Replacement
- 12 Bridge Preservations for I-90 over MBTA (Allston Multimodal)
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- 34 Bowker Overpass over I-90, MBTA/CSX, Ipswich Street Rehab
- 35 Cambridge Street over I-90 Deck Replacement
- 38 Webster Avenue over MBTA & BMRR Bridge Replacement
- 39 Cambridge Street over MBTA Bridge Preservation

Boston Core

Review of Long-Term Lane Closures – Summer 2026

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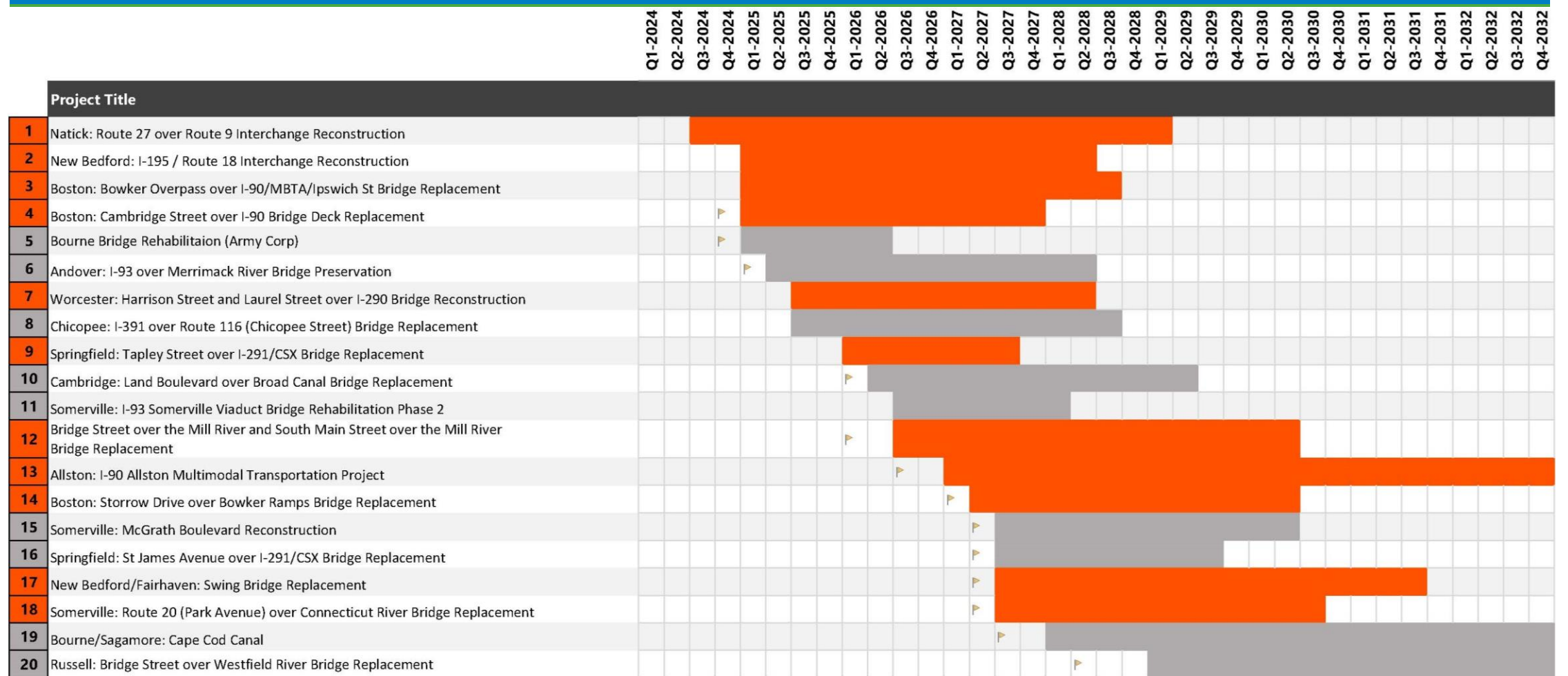


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- 35 Cambridge Street over I-90 Deck Replacement

Looking Ahead: Highway Division Major Projects

2024 and Beyond

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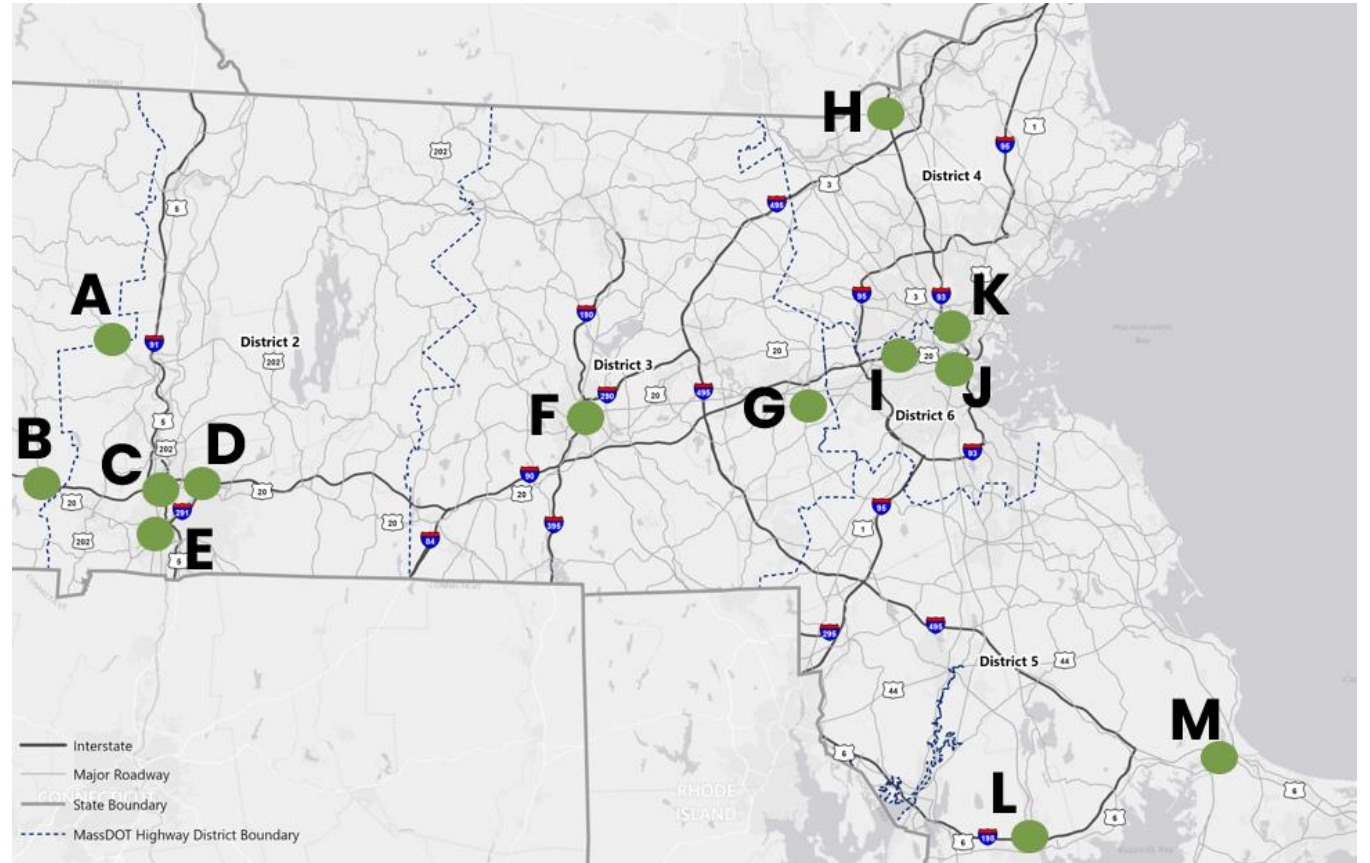


Looking Ahead: Highway Division Major Projects

2024 and Beyond (1 of 2)

31

- A. Russell – Bridge Street over the Mill River and South Main Street over the Mill River Bridge Replacement
- B. Williamsburg – Bridge Street over Westfield River Bridge Replacement
- C. Chicopee – I-391 over Route 116 (Chicopee Street) Bridge Replacement
- D. Springfield/West Springfield – Route 20 (Park Avenue) over Connecticut River Bridge Replacement
- E. Springfield – Tapley Street and St James Avenue over I-291/CSX Bridge Replacement
- F. Worcester – Harrison Street and Laurel Street over I-290 Bridge Reconstruction
- G. Natick – Route 27 over Route 9 Interchange Reconstruction
- H. Andover – I-93 over Merrimack River Bridge Preservation



Looking Ahead: Highway Division Major Projects

2024 and Beyond (2 of 2)

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- I. Cambridge Street over I-90 Bridge Deck Replacement

Boston – I-90 Allston Multimodal Transportation Project

- J. Boston – Bowker Overpass over I-90/MBTA/Ipswich Street Bridge Replacement

Boston – Storrow Drive over Bowker Ramps Bridge Replacement

- K. Somerville – McGrath Boulevard Reconstruction

Somerville – I-93 Viaduct Bridge Rehabilitation Ph 2

Cambridge – Land Boulevard over Broad Canal Bridge Replacement

- L. New Bedford – I-195/Route 18 Interchange Reconstruction

New Bedford/Fairhaven – Swing Bridge Replacement

- M. Bourne/Sagamore – Cape Cod Canal

