



Randolph Rt. 24 Over Canton Street Bridges






Design Public Hearing

February 10, 2022 | 6:00 p.m.

Project File No. 612188



Zoom controls


-  • Listen in Kreyòl, Português and Tiếng Việt
-  • Drop down menu to check microphone and speakers
-  • Ask a question and share comments
-  • Raise your hand
-  • If you are unable to access the internet or are having technical problems, please call into the meeting at 646-876-9923, Webinar ID: 848 2983 5989





If you have trouble with the meeting technology during the presentation, please call:


1-888-799-9666


Closed captioning automatically generated by Zoom


 Unmute

 Start Video

 Q&A

 Raise Hand

 Interpretation



Public Meeting Notes and Procedures

Public Record

- The Massachusetts Department of Transportation may choose to retain and distribute the chat transcript or written record of this meeting.
- All written recordings and chat transcript will be considered a public record.
- Please use the Q&A feature for project related business only.

Important Notes

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

All questions and comments are welcome and appreciated, however we do request that you refrain from any disrespectful comments.

Project Team

MassDOT Highway Division

- Bridge Owner and Project Proponent
- Project Manager: Christopher Cameron
- Acting District 6 Project Development Engineer: Erin Kinahan
- ROW Agent: Mark Hicks

TranSystems

- Design Consultant
- Structural Engineer: Joe Tierney

Arlington Typing and Mailing

- Hearing Stenographer: David Fraser

ATP Interpretation Services

- Chaineda Sterling
- Raquel Hazel
- Michael Chan

Howard Stein Hudson

- Public Involvement/Outreach Consultant

Outreach Conducted for Design Public Hearing

MassDOT Created Flyer and Notice for DPH

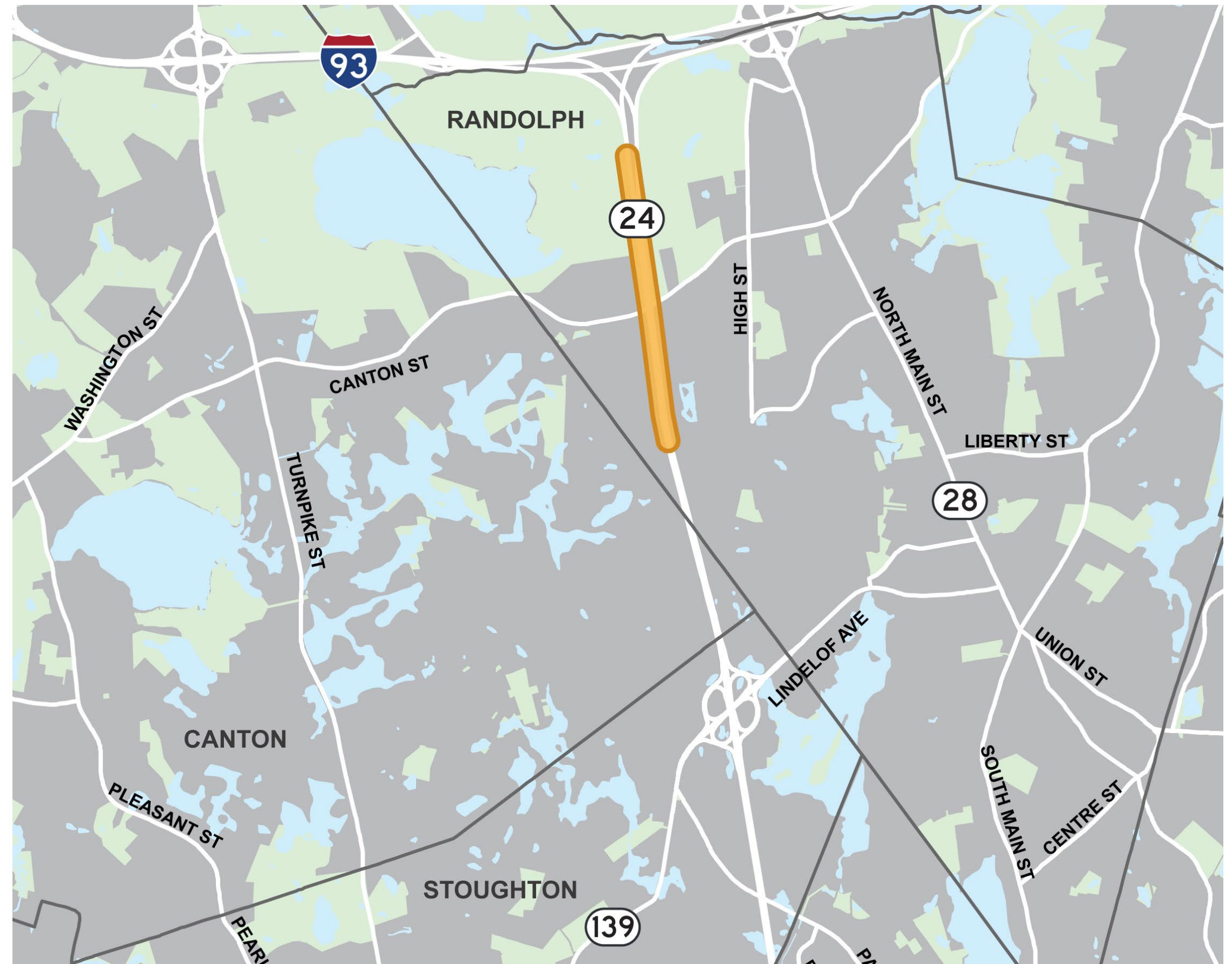
- Both flyer and meeting notice posted on MassDOT website
- Meeting notice published in local newspaper, cable access television, and Vietnamese newspaper
 - *Brockton Enterprise* - Jan 27, Feb 3
 - *Patriot Ledger* – Jan 27, Feb 3
 - *Thang Long Newspaper* – Feb 8
- Flyer and meeting notice shared with Town and City officials of Avon, Canton, Randolph, Stoughton
- Hearing information shared through MassDOT's Twitter account

The Enterprise

The Patriot Ledger **THANGLONG** NEWSPAPER

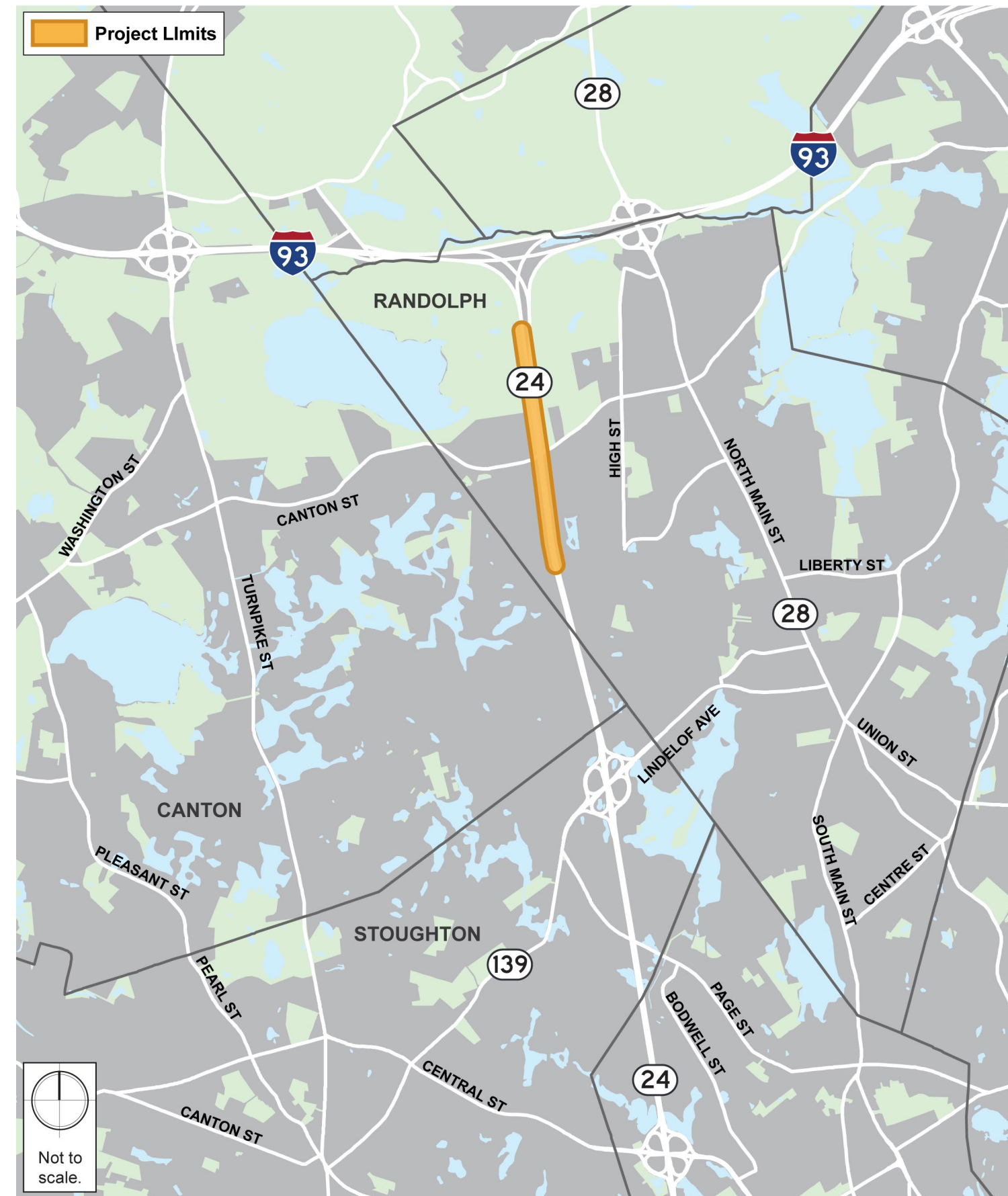
Agenda

- 01 Welcome and Opening Remarks
- 02 Project Overview
- 03 Existing Conditions
- 04 Project Goals
- 05 Impact to Abutters
- 06 Proposed Design
- 07 Construction Staging
- 08 Next Steps
- 09 Questions & Feedback



Project Area

- 2 miles of Route 24 in Randolph
- Project lies just south of the I-93/ Route 24 interchange
- Project will impact commuters traveling north and south along Route 24 & east and west along Canton Street
- Local detour will impact communities of Avon, Canton, Randolph, and Stoughton



How did we get here?





**Why was this
project
initiated?**

Existing Project Condition

- Bridges were built in 1957; structures beyond their 50-year service life
- Carry over 118,000 vehicles per day
- Require frequent deck repairs to maintain state of good repair
- Bridges are currently safe but require replacement to increase the life of the structures



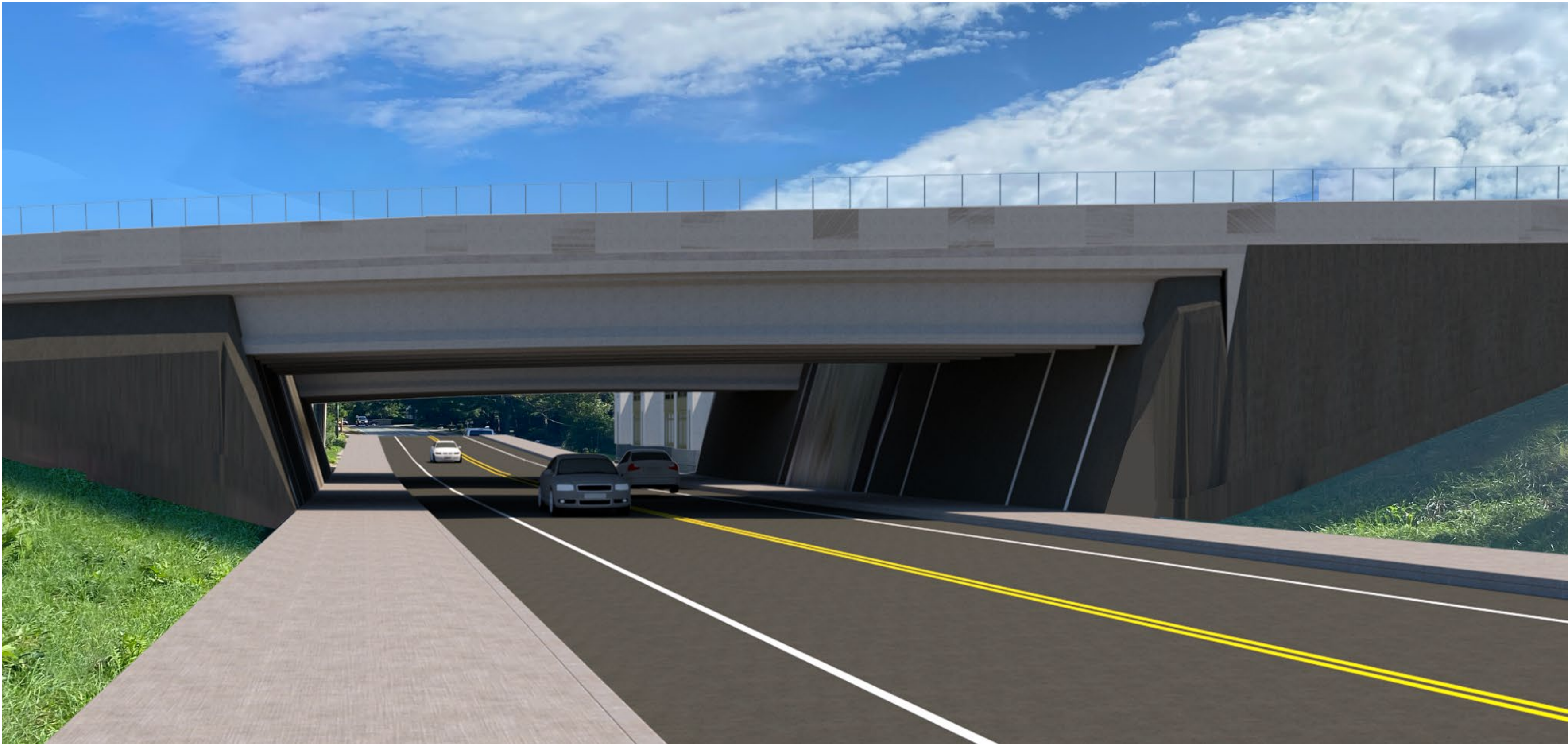


**What do we
want to
accomplish?**

Project Goals

- Replace entire superstructures using Accelerated Bridge Construction (ABC)
- Reduce long term impacts to traveling public
- Provide new superstructures extending service life of bridges
- Reduce beam depth to allow for waterproofing membrane and wearing surface
- Replace sidewalks and pavement below bridges
- Install new safety barriers and deck drains
- Improve existing element condition by repairing deteriorated locations
- Provide an estimated 75-year design life for the superstructures
- Maintain existing vertical clearance

Completed Bridges





**How will your
property be
impacted?**

Preliminary Right of Way (ROW) Discussion - 25% Design Public Hearing

- No takings are anticipated for this project.
 - While not expected, fee takings, permanent easements and/or temporary construction easements could become necessary if it is determined that the proposed design requires access to areas outside of the public right of way.
- Any affected property owners will be contacted by personnel from the MassDOT ROW Bureau or consultants representing the responsible agency.
 - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
- Preliminary ROW drawings will be available at Randolph, Canton, and Stoughton Town Halls for public review and comment.

At this stage of design, the Right of Way process has not been finalized. This meeting is an opportunity for the public to comment on any impacts to properties.



**How will the
road user be
affected?**

Traffic Impacts

Route 24

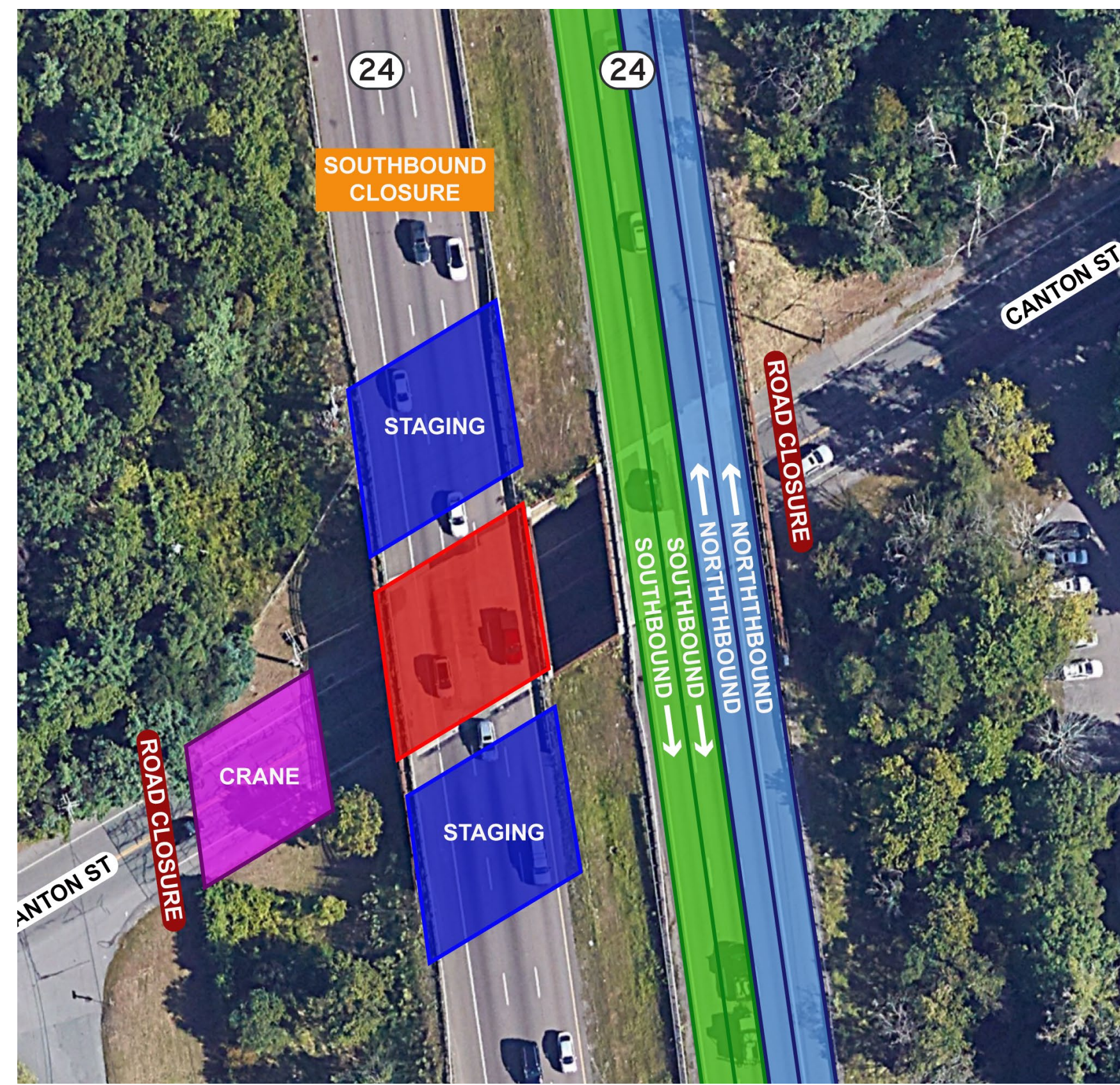
- Two weekend closures
- Lane shifts
- Two lanes in each direction during closure weekends

Canton Street

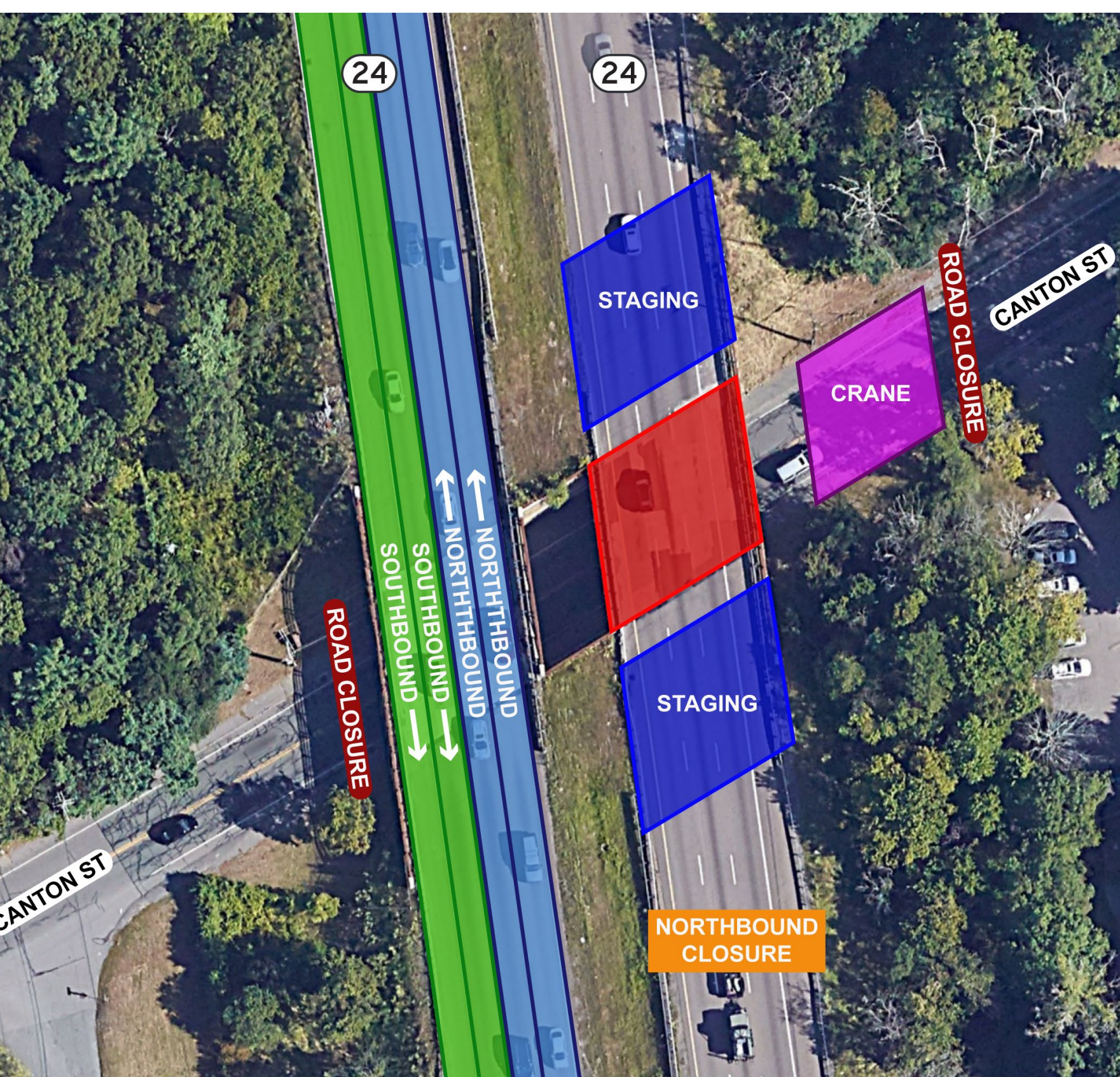
- Closed under the bridges during closure weekends
- Signed detour in place



Southbound Weekend Closure

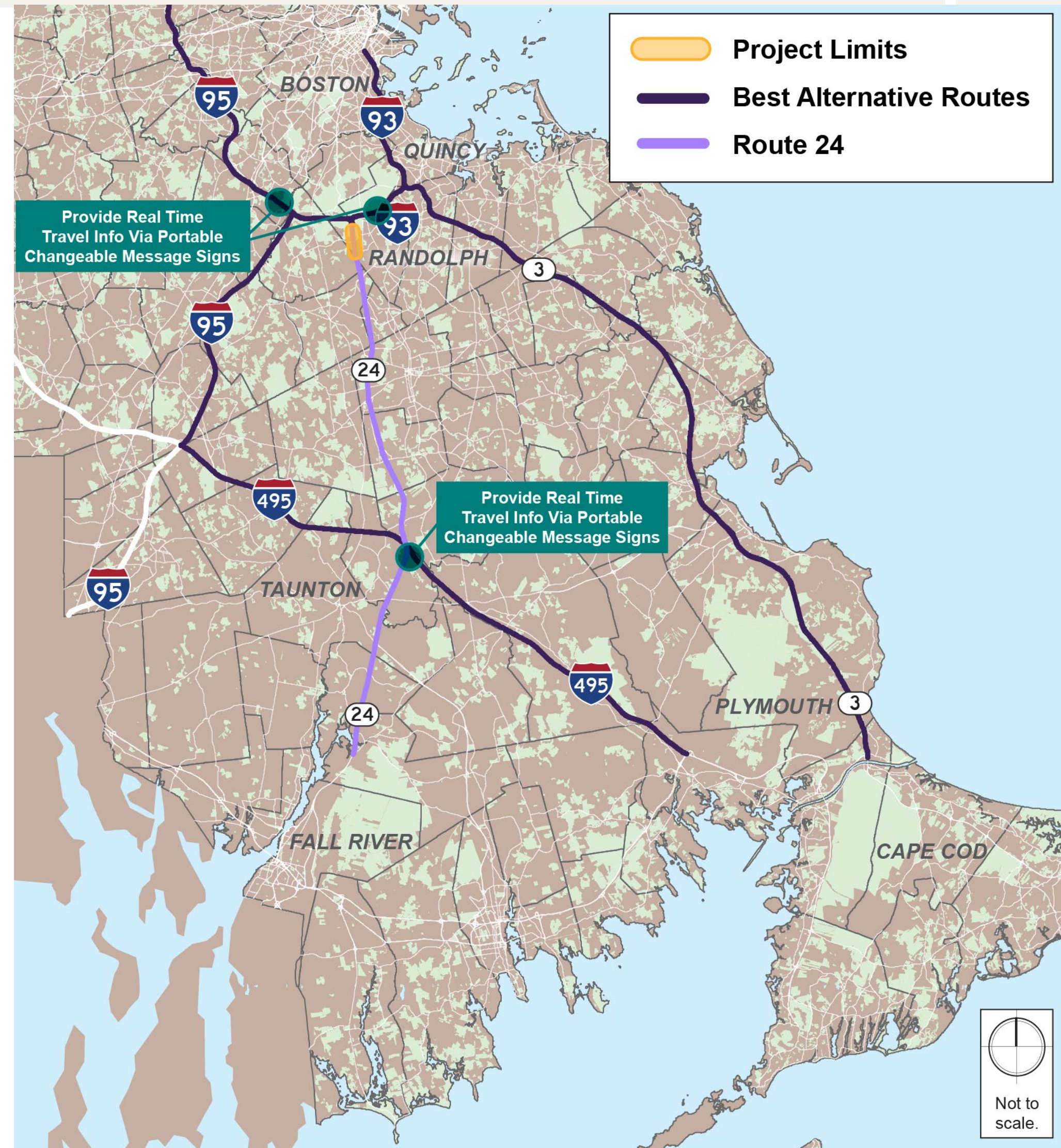


Northbound Weekend Closure



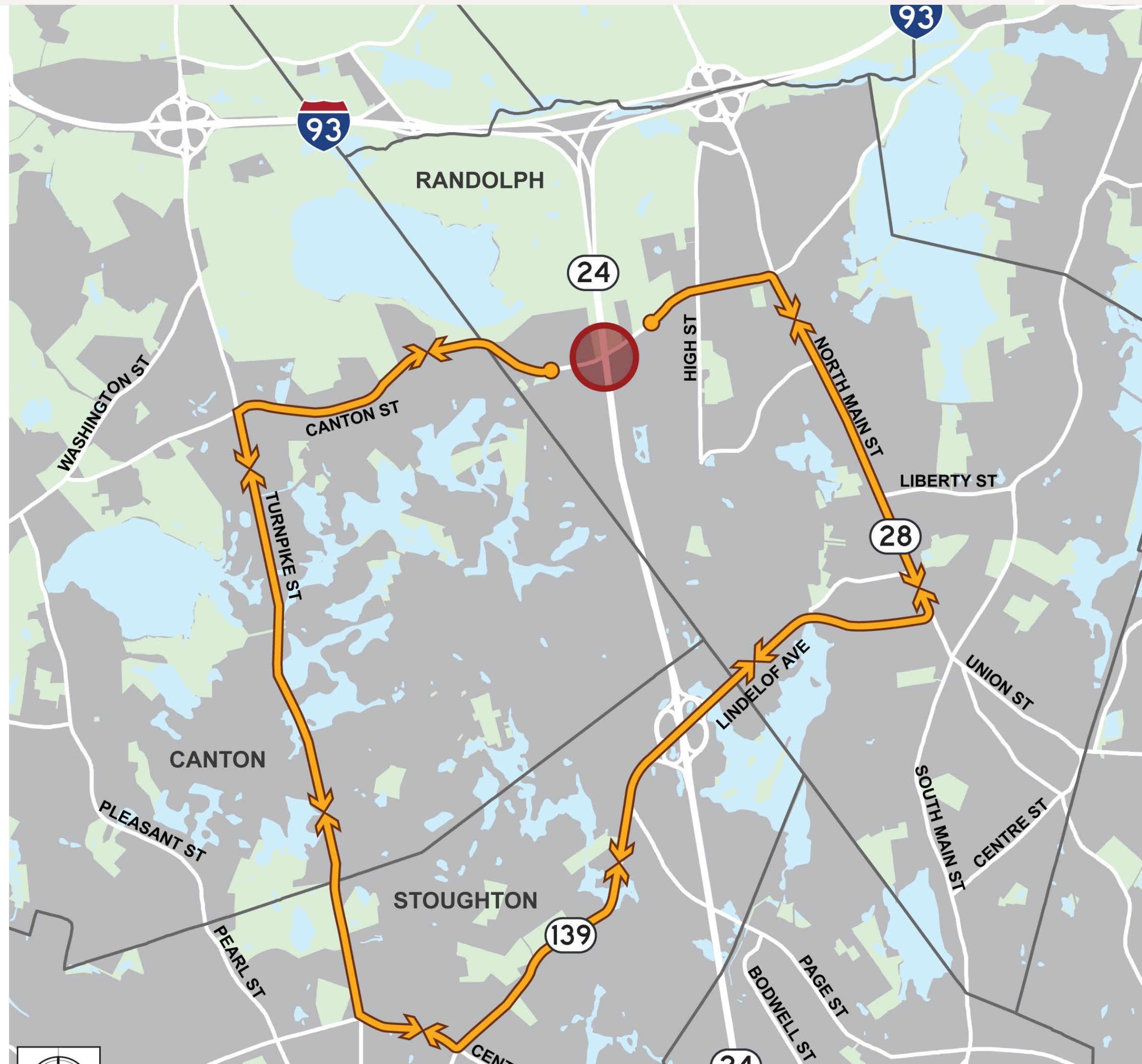
Regional Traffic

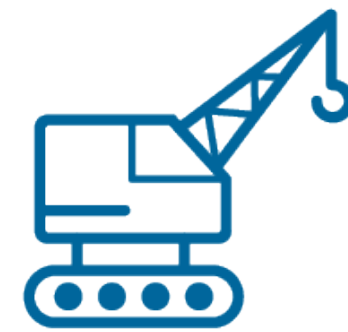
- Advance notification provided at bridges and regionally
- MassDOT will coordinate with navigation companies to help divert traffic
- Real time travel info on all major routes approaching the project



Canton Street Detour

- Canton Street closed and detoured at the bridges
- Only during Route 24 weekend work
- Approximately 11 Mile Detour
- Advance notification provided at bridges for all users
- No Pedestrian or Bicycle access during road closure





**What is the
construction
approach?**

Next Generation Bridge Construction Techniques

- Will accomplish in two weekends* what would have taken years with traditional contracting
- Prep work prior to weekend closure for work efficiency
- Minimizes impacts to the traveling public
- Similar techniques used to replace 8 bridges in 8 weekends on I-90 in 2021

*With regards to major impacts to the travelling public



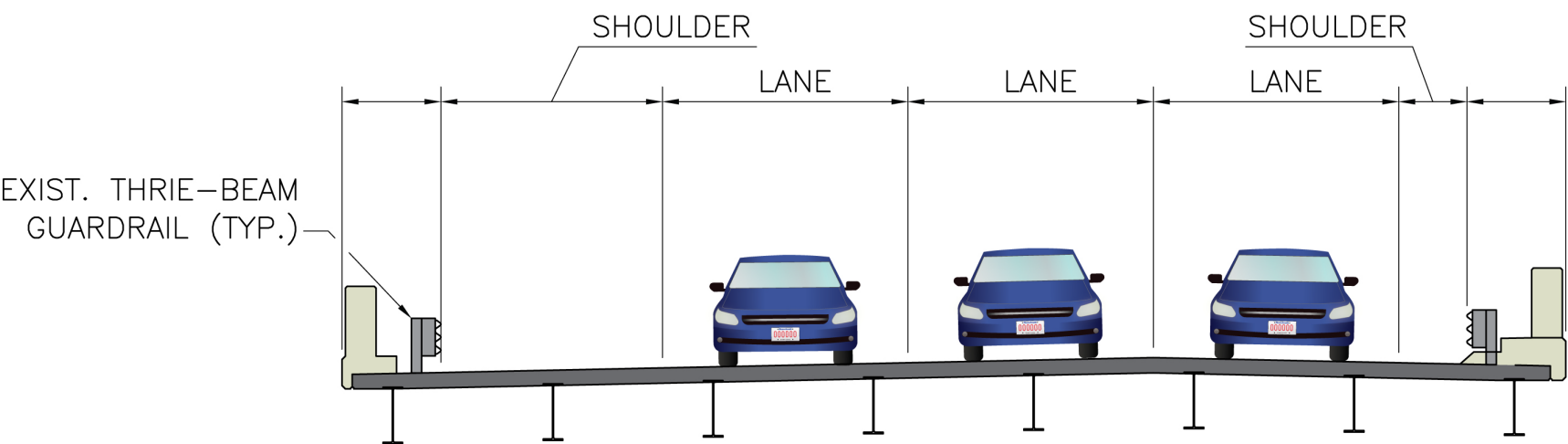
Utility Relocations



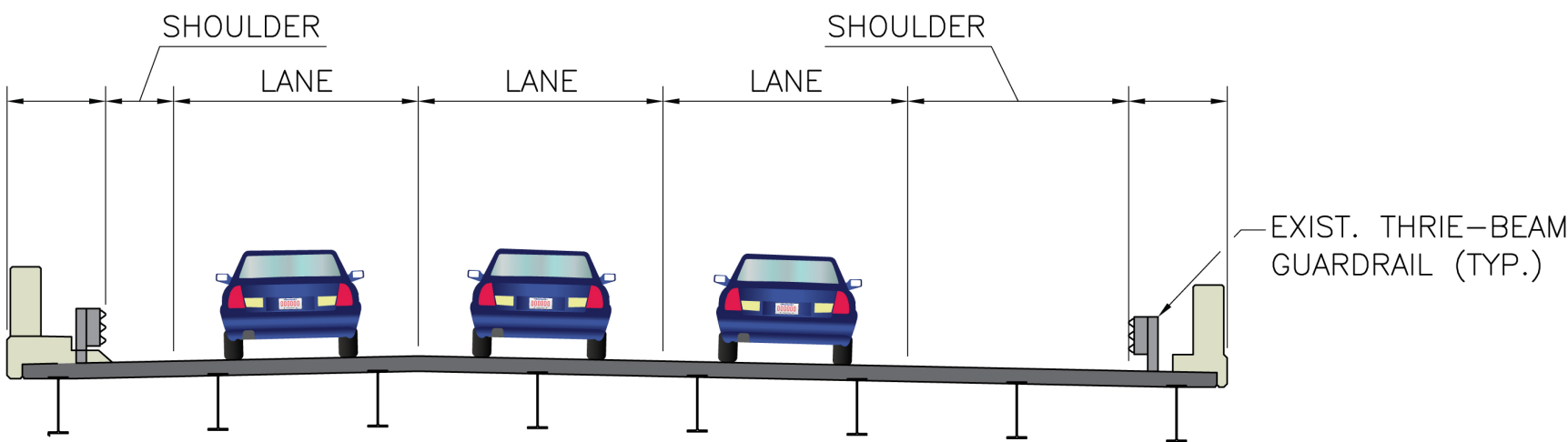
Utility Relocations

- Utilities at Canton Street are being moved underground
 - Prevent conflicts between equipment and overhead wires during construction
- Utility relocation will take place before bridge work
- There is potential for rolling roadblocks on Route 24 during utility relocation
 - Temporary disruption to traffic during off-peak hours
- Temporary lane reduction on Canton Street to bury the utilities
- Canton Street will be repaved at project completion

Existing Conditions Current roadway configuration



Route 24 Northbound



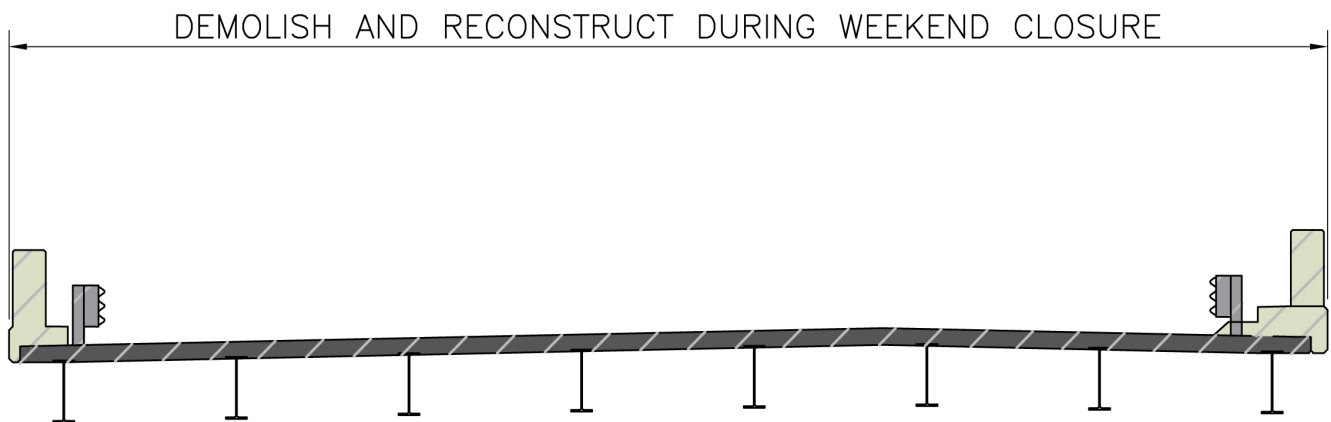
Route 24 Southbound

Pre-Construction Staging

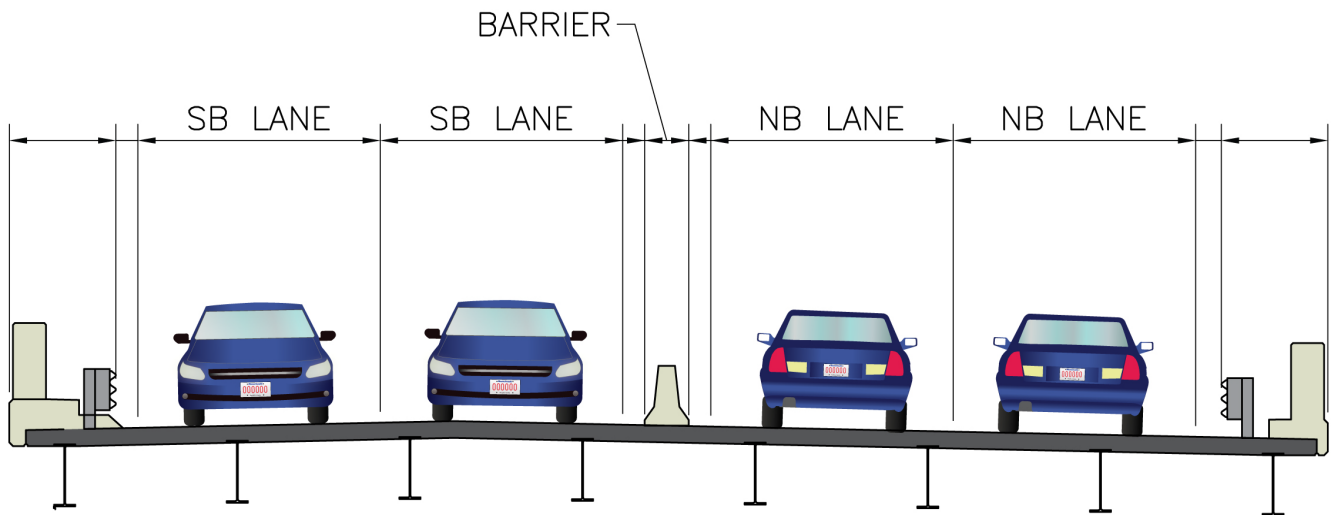


Construction Staging

Traffic diverted to Southbound



Route 24 Northbound

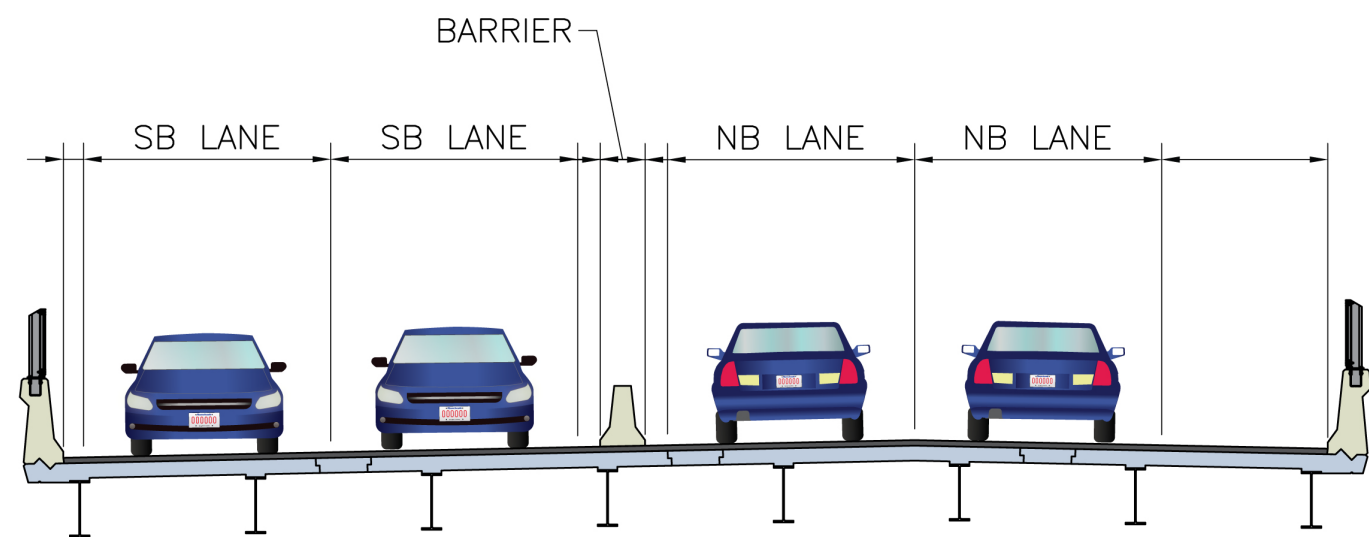


Route 24 Southbound

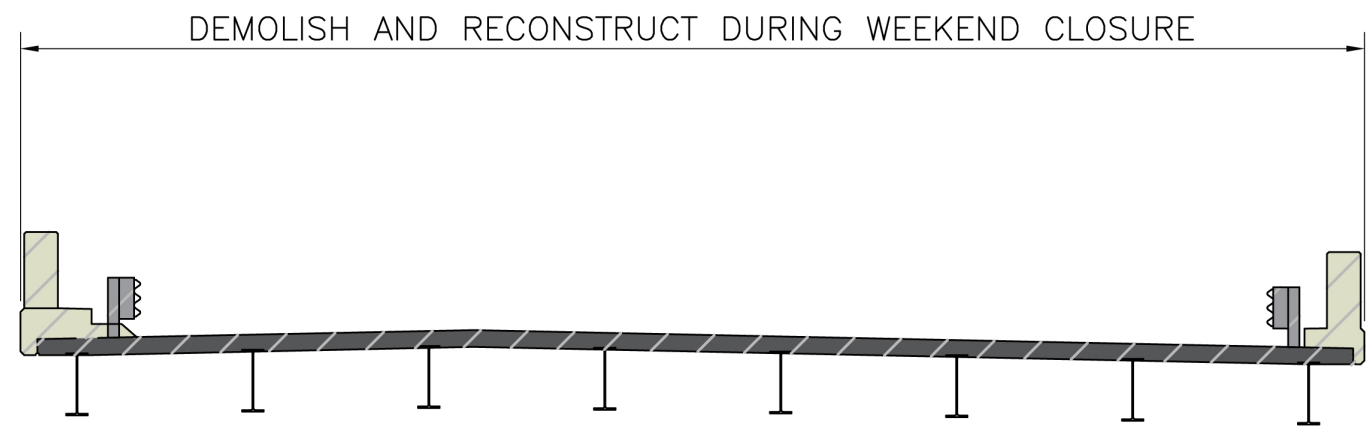
Stage 1



Construction Staging Traffic diverted to Northbound



Route 24 Northbound

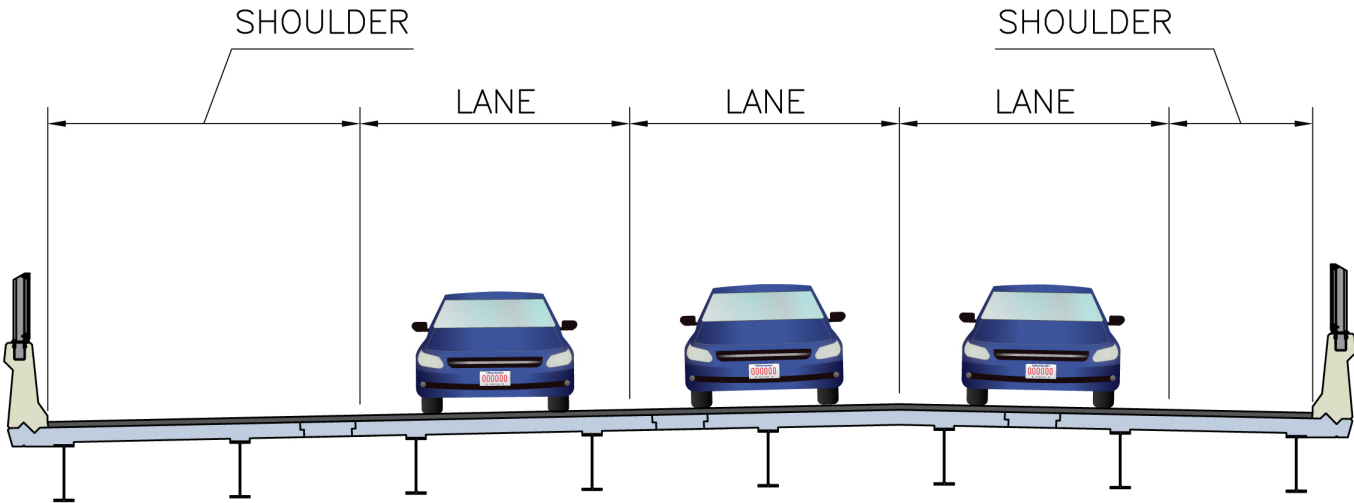


Route 24 Southbound

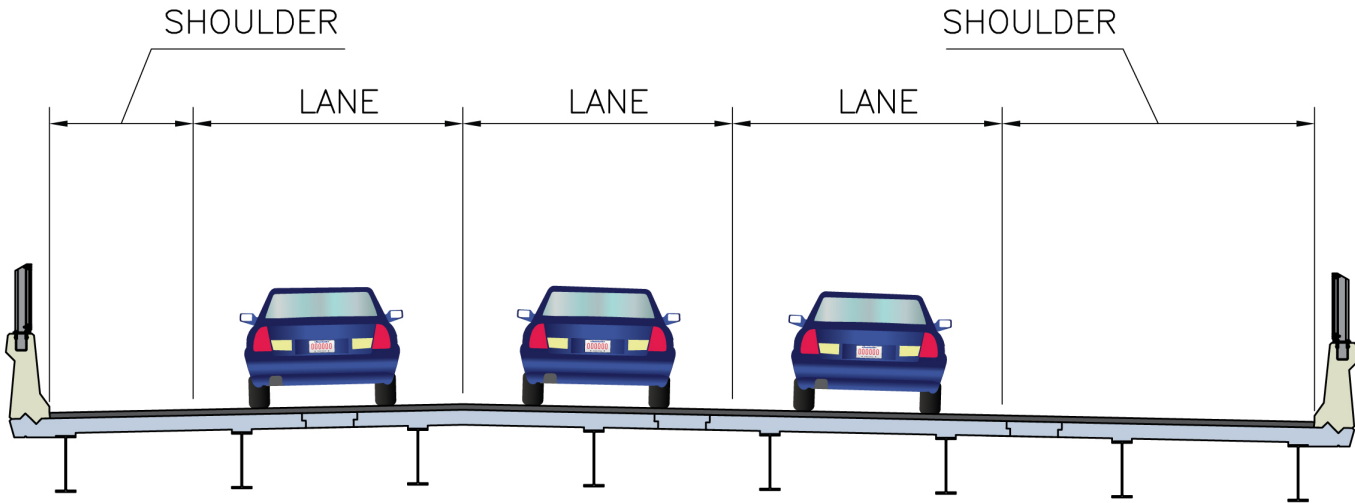
Stage 2



Construction Staging Completed-Back to existing lane configuration



Route 24 Northbound



Route 24 Southbound

Project Next Steps



Fall 2022

Contractor Awarded Contract



2023

Install Median Crossover
Abutment Repairs
Bridge Elements Constructed Off-Site



Spring/Summer 2024

Two Weekend Closures to Replace Bridges
Canton Street Improvements



Fall 2024

Project Completion



**How will we
keep you
informed?**

How will we keep you informed?

- Dedicated Project Website – Coming Spring 2022
- Traffic impact advisories sent to project email subscribers
- “Megaphones” – Towns, Local community organizations
- Coordinate with navigation companies (Google Maps, Waze, etc.)
- Public Meeting prior to start of construction
- Project email address for two-way communication between the project team & community – Coming Spring 2022



Questions and discussion

Questions and answers



- “Raise your hand” to be unmuted for verbal questions



- Submit your questions and comments using the Q&A button



- 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.

**All questions and comments are subject to disclosure for public records.
Please use these functions for project related business only.**

How to reach us?

- Submit Written Comments to:

Carrie Lavallee, P.E., Chief Engineer

MassDOT Highway Division

10 Park Plaza

Boston, MA 02116

Attention: Project Management, PROJECT FILE NO. 612188

- Submit Email Comments to:

MassDOTProjectManagement@dot.state.ma.us

- For Project Information Visit the MassDOT Design Public Hearing Website at:

<https://www.mass.gov/massdot-highway-design-public-hearings>

or use the QR Code at the right.





Thank You

Randolph Rt. 24 Over Canton Street Bridges Project

Contact information: dot.feedback.highway@state.ma.us

