



# Duxbury Route 3 Bridge Replacement

*Thank you for joining us.*

*This meeting will begin shortly.*





# Duxbury Route 3 Bridge Replacement

## *Public Information Meeting*

Virtual | Wednesday, April 24, 2024 | 6:00 PM

Project File No. 121637 | Project No. 605294



# Zoom Webinar Controls for Meeting



- Drop down menu to check microphone and speakers



- Raise your hand - \*9 for users dialing in



- If you are unable to access the internet or are having technical problems, please call into the meeting at **646-876-9923**, **Webinar ID: 842 5469 4878**



Live Transcript

- Closed captioning automatically generated by Zoom



View

- Use the View button in the upper right-hand corner to adjust the meeting view settings to your preference

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**1-888-799-9666**



Audio Settings ^



Raise Hand



Q&A



Live Transcript

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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 turn off your camera, and keep your microphone muted, or 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.

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- We welcome the diversity from across our entire service area. If you have any questions or concerns, please visit <https://www.mass.gov/nondiscrimination-in-transportation-program> to reach the Office of Diversity and Civil Rights.

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

# Presentation Participants

- **MassDOT Team**

- Ted Boyle – Project Manager
- Zoom Producers– Roy Kirwa and Addy Olaoye
- Roderick Jackson, District 5 Area Engineer
- Bob Fitzgerald, Assistant District Construction Engineer
- Trevor O'Bryan, Resident Engineer
- Gareth Saunders, Legislative Affairs

- **Design Build Team**

- Contractor: Skanska- Rob Collari, Project Manager
- Design Engineer: CHA – Bob Talbot, Project Lead
- Public Outreach: Regina Villa Associates – Regan Checchio

## Recent Public Outreach

### **Local Newspaper Advertisements:**

Duxbury Clipper

### **MassDOT Facebook and X (formerly Twitter):**

[facebook.com/massdotinfo/](https://facebook.com/massdotinfo/)

[twitter.com/MassDOT](https://twitter.com/MassDOT)

### **Municipal Partner:**

Town of Duxbury

# Agenda

- 01 Project Overview
- 02 Construction Approach
- 03 Completed Work Activities
- 04 Next Steps
- 05 Public Outreach
- 06 Questions and Discussion



# How did we get here?





**Why was this  
project  
initiated?**

## Existing Deficiencies

- Functionally obsolete bridges
- Substandard shoulder widths
- Substandard vertical clearance





# Project Scope

## Project Goals and Objectives

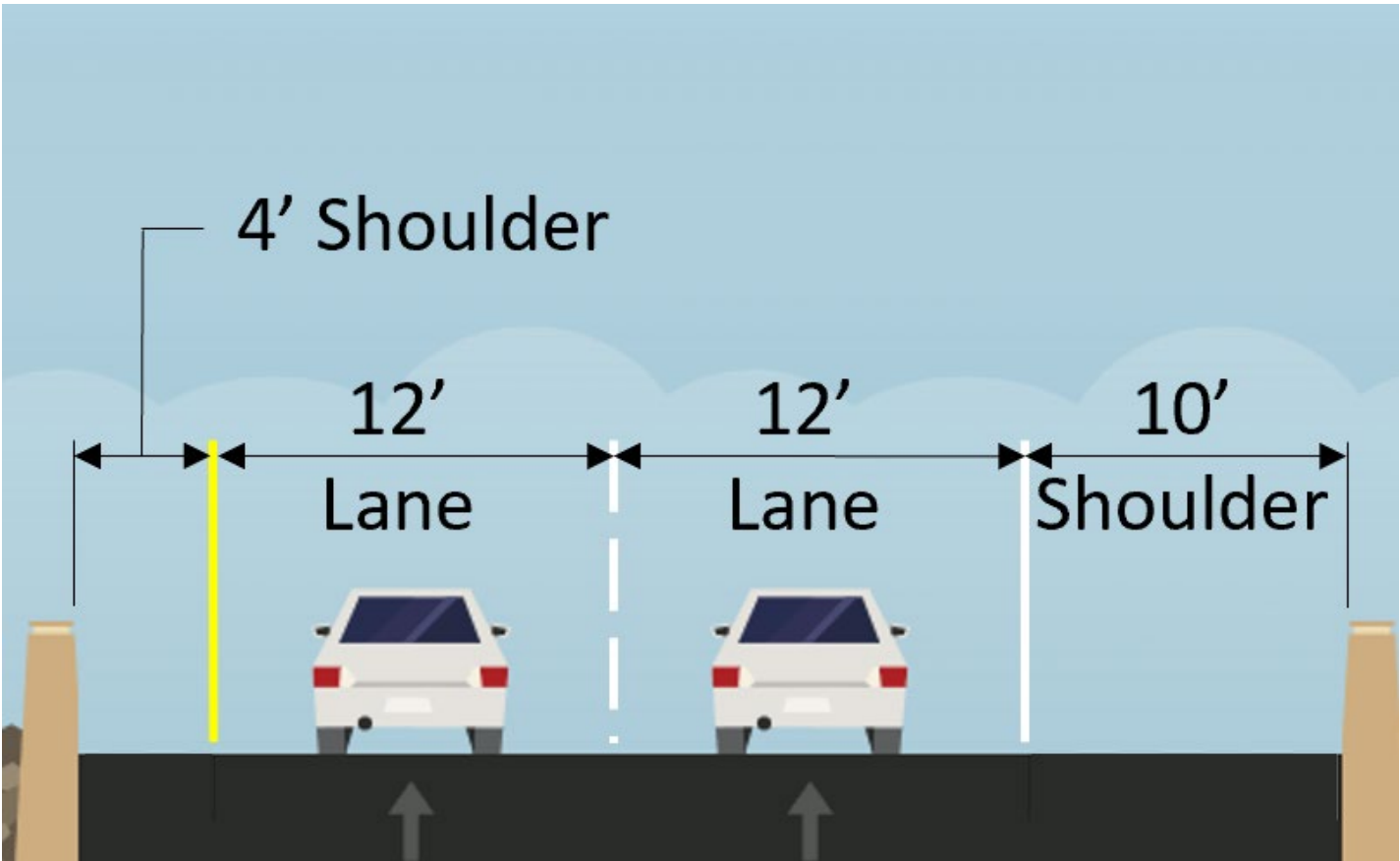
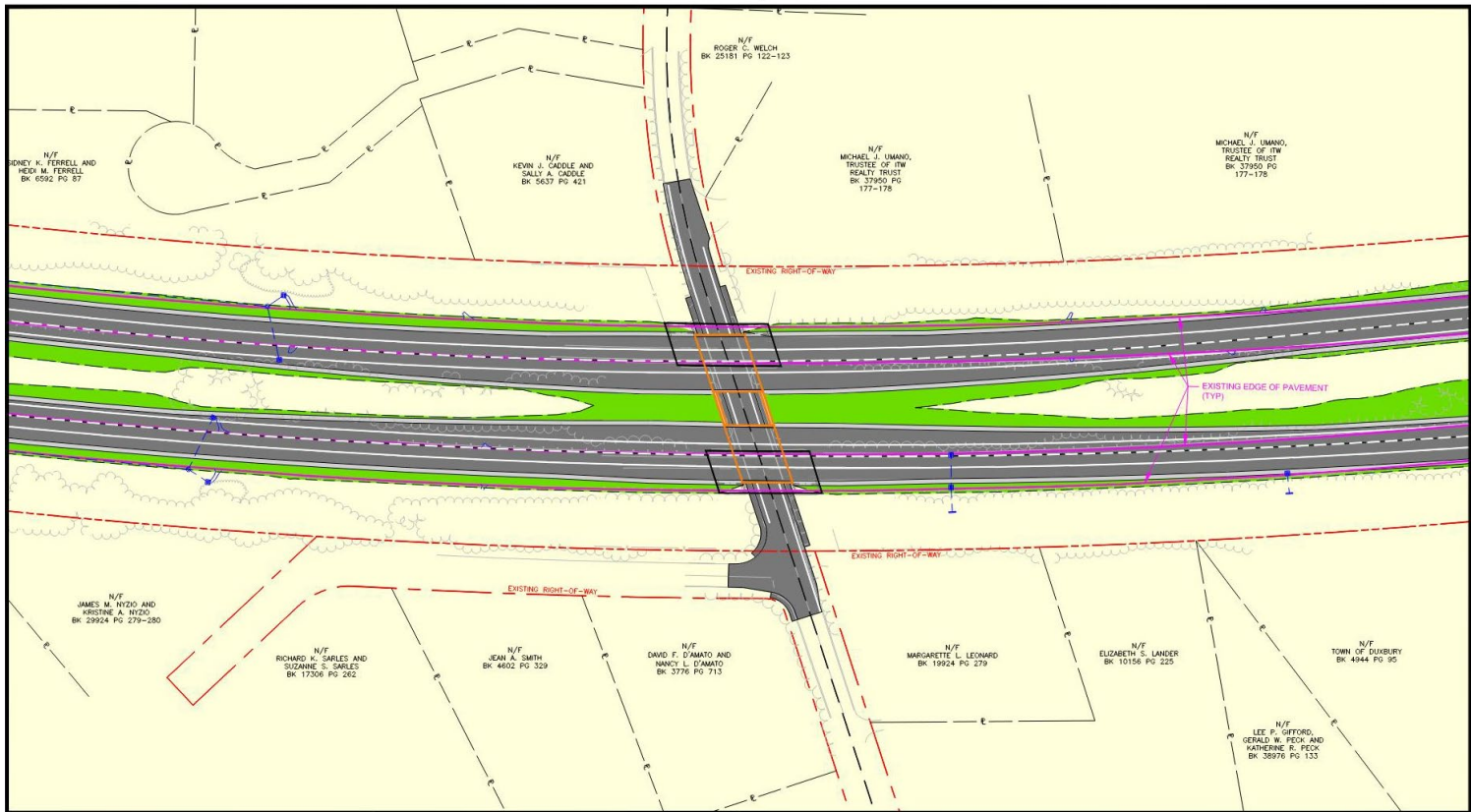
- Replace Functionally Obsolete Bridges
- Reconstruct Franklin Street
- Update drainage system and water quality treatment within Rt. 3 median



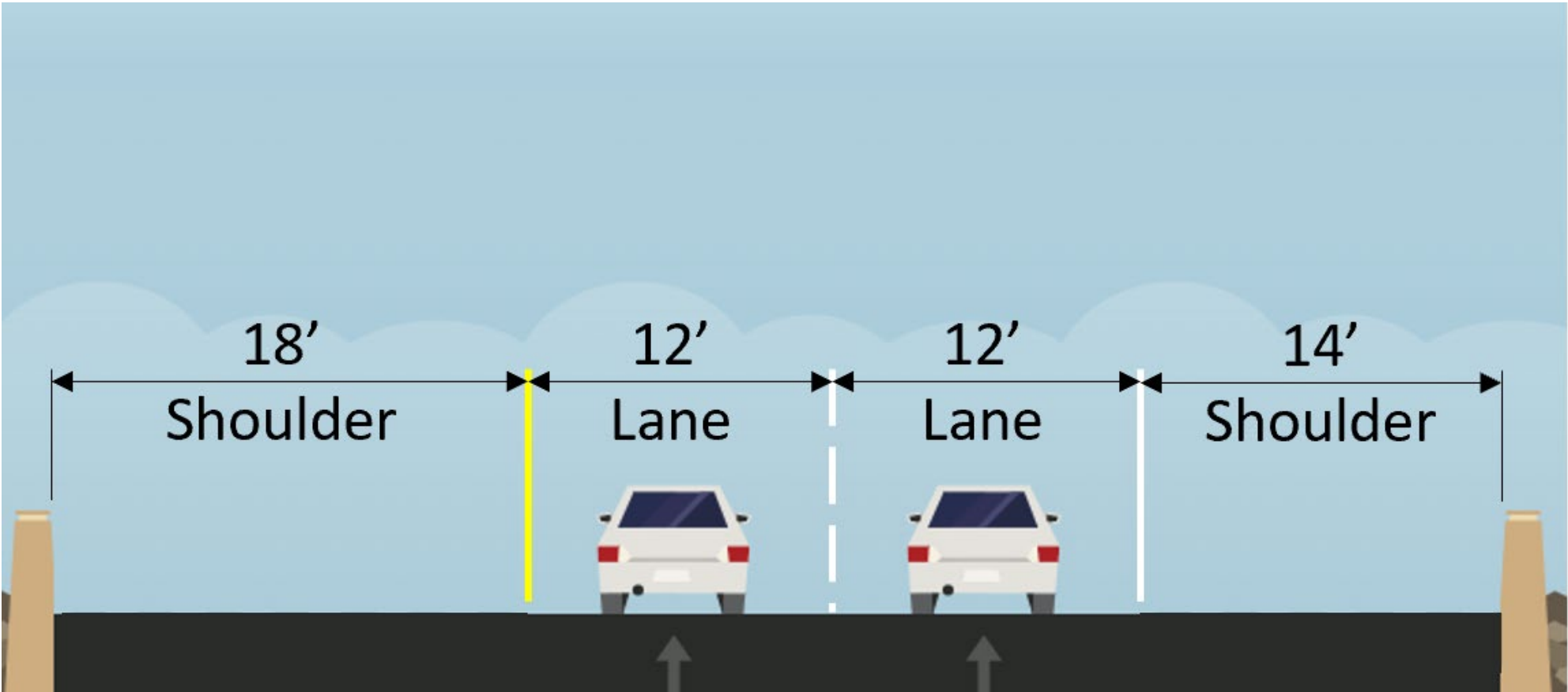
# Project Goals and Objectives (cont.)

## Improve Route 3 Cross-Section

- Widen shoulders on Route 3
- Provide widening for future lane
- Reconstruct pavement



Existing Roadway Cross-Section



Proposed Roadway Cross-Section



**What is the  
construction  
approach?**

# Construction Sequence

- Project Design
- Construction Stage 1
  - Demolition & Construction of the first half of the Route 3NB/SB Bridges over Franklin Street
- Construction Stage 2
  - Demolition & Construction of the second half of the Route 3NB/SB Bridges over Franklin Street
- Final Stage
  - Milling of Route 3 NB/SB, Superpave, Pavement Markings & Rumble Strips

# Construction Overview – Outside Shoulder Shift

## STAGE 1

1. Shift Traffic to the Outside Shoulder to Install Temporary Barrier and Temporary Roadway Pavement Markings.



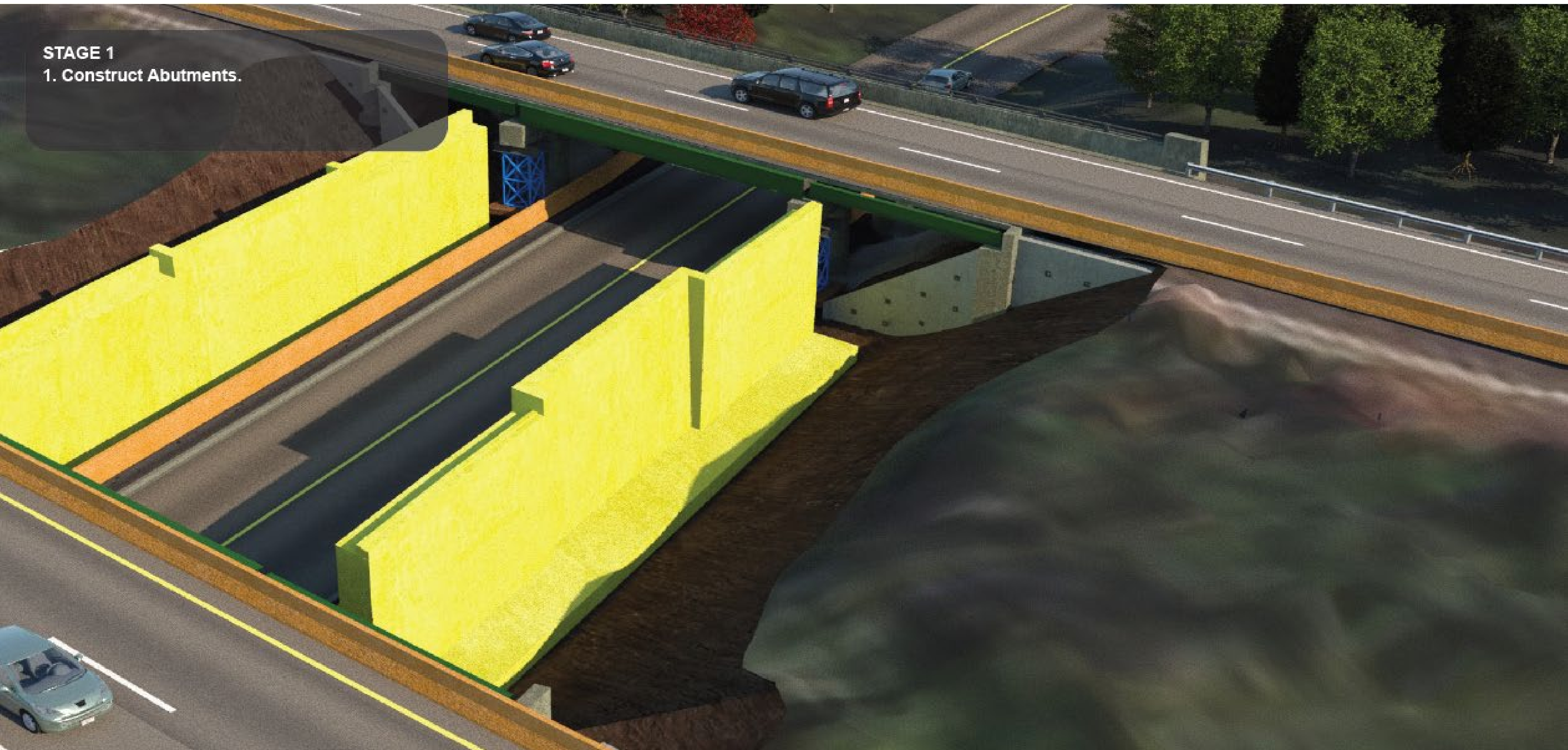
# Construction Overview – Partial Demolition

STAGE 1  
1. Partial Demolition of NB and SB Structures.



# Construction Overview – Abutment Construction

STAGE 1  
1. Construct Abutments.



# Construction Overview – Interior Beam Installation

STAGE 1  
1. NEXT Beam - Pick.



# Construction Overview – Inside Shoulder shift

## STAGE 1

1. Place Bridge Barrier.
2. Construct Roadway Approaches and Pavement.



# Construction Overview

## STAGE 2

1. Switch Traffic onto Completed Route 3 Bridges.
2. Demo. Remaining Existing Route 3.



# Construction Overview – Remaining Abutments

STAGE 2  
1. Construct Remaining Abutments.



# Construction Overview – Outer Beams

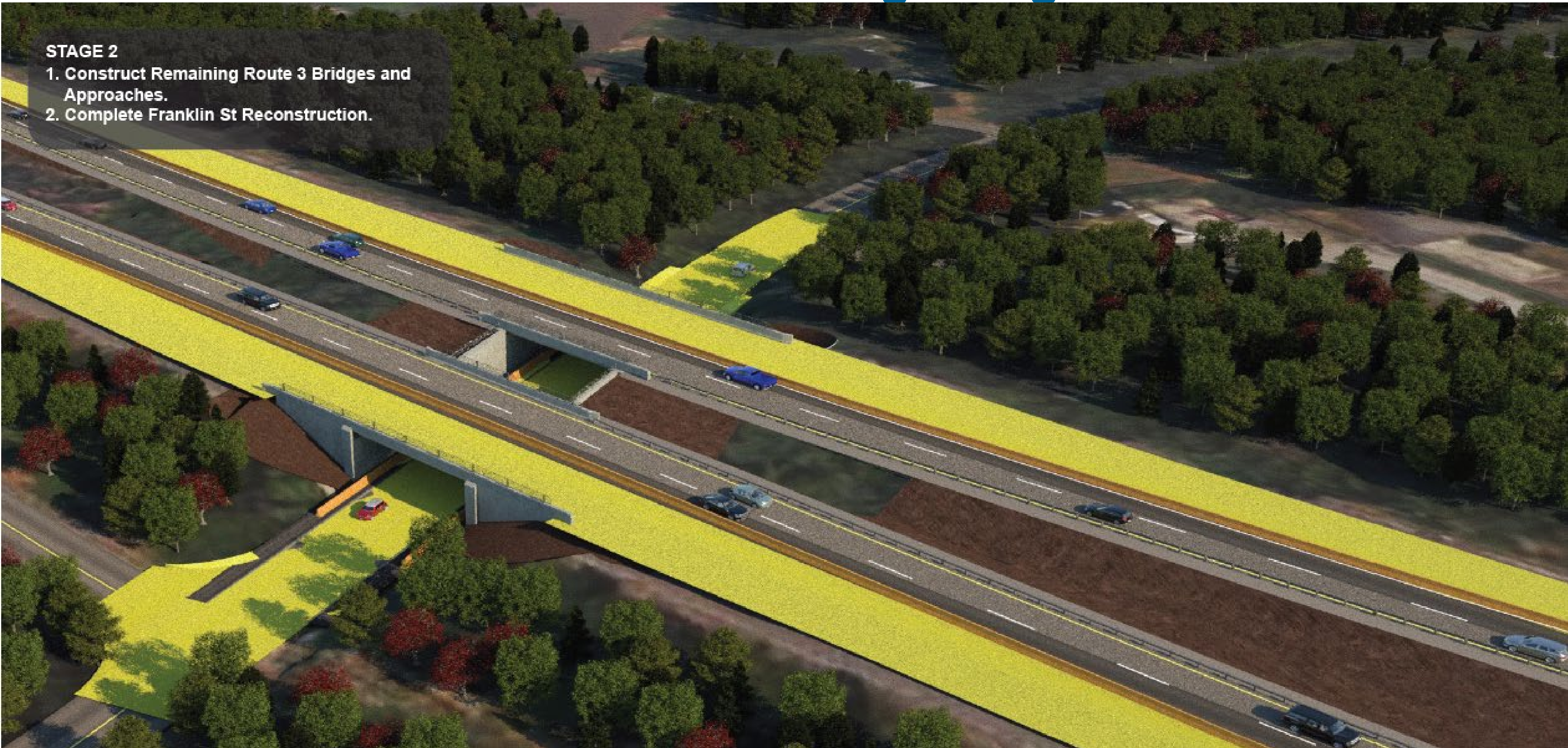
STAGE 2  
1. NEXT Beam - Pick.



# Construction Overview – Finishing Bridge and Franklin St.

## STAGE 2

1. Construct Remaining Route 3 Bridges and Approaches.
2. Complete Franklin St Reconstruction.



# Construction Overview – Final Condition

STAGE 2  
1. Stage 2 Complete - Final Condition.



# Construction Overview – Schedule and Details

## Overall project timeline – approximately 3 years

- Daytime work schedule
  - Typical work hours 7:00am to 3:30pm
  - May vary between 5:00am and 7:00pm
- Occasional night and weekend work
- Maintain emergency services.

## Construction

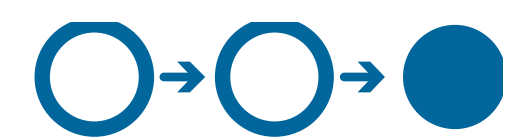
- Construction operations will be within confined Work Zones
- Safely move construction vehicles to/from Work Zones
- Advisory to recommend reduced speeds through Work Zones

## Temporary Traffic Control – Franklin Street

- Maintain 2-way traffic during bridge construction
- Short term closure/detour during demolition of existing bridge
- Short term closure/detour during erection of new bridge beams
- Maintain one-way alternating traffic during Franklin St reconstruction

## Temporary Traffic Control – Route 3 Expressway

- Implement Lane Shifts to create work zones
- Maintain 2 lanes of traffic in each direction during peak hours
- Single Lane Closures during overnight hours for material deliveries, as required



Next Steps

# Our next steps



Continue Final Design  
*Now*



Initiate early construction activities  
*Spring 2024*



Complete Design and Start Construction  
*Summer 2024*



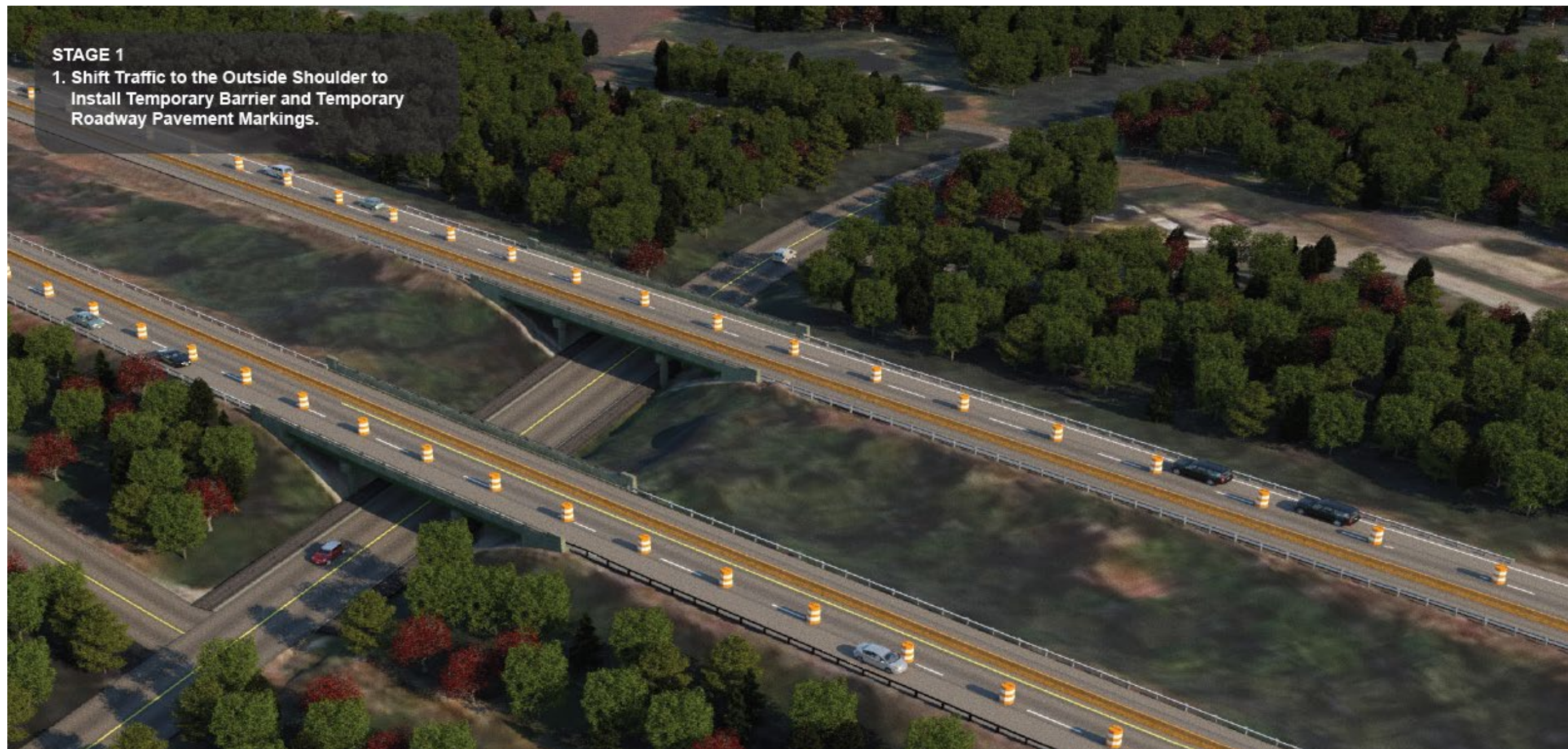
Complete bridges and Route 3 construction  
*Fall 2026*



Complete Franklin Street construction  
*Fall 2026*

# Establish Work Zone in Median of Route 3

- **What:** Shift Route 3 Travel Lanes
- **Why:** Facilitate Tree Clearing of Median, Partial Demolition of Bridge, Excavation for new Foundations, and Partial Construction of new Bridge
- **When:** June 2024 – September 2025





**How will we  
keep you  
informed?**

# Upcoming Public Outreach and Engagement

## Public Information Meetings

- Public Information Meeting tonight, April 24, 2024
- Additional public information meeting before the beginning of Stage Two in Fall 2025

## Staying Connected

- Regular email announcements to comprehensive email distribution list
- Sign up for project mailing list

# Staying Connected



## Project email

[MassDOTDuxburyRt3BR@dot.state.ma.us](mailto:MassDOTDuxburyRt3BR@dot.state.ma.us)



**Project hotline for urgent, construction-related issues** (monitored during work hours): 855-248-8314



## Social media

- **Facebook:** @massdotinfo
- **X (formerly Twitter):** @MassDOT



**Questions and  
answers**

## Questions and Answers – Zoom Instructions



- “Raise your hand” to be unmuted for verbal questions; \*9 for attendees calling into the meeting



- 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



- 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



- 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.**



# ***Thank You***

## *District 5 Bridge Bundle*

## *Public Information Meeting*

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