



District 5: Bridge Bundle

*East St. Bridge over Route 3 in Duxbury
and Jordan Road over Route 3 and
River Street over Plimouth Plantation
Highway in Plymouth*

March 30, 2023 | 6:00 PM

Project File No. 613005, Marco Pereira, PE, Project Manager



Zoom Hearing Controls



- Ask a question and share comments



- Raise your hand -*9 for users dialing in and Alt + Y to raise your hand



- If you are unable to access the internet or are having technical problems, please call into the meeting at [+1.301.715.8592], Webinar ID: [870 4090 5942]



Live Transcript

- Closed captioning automatically generated by Zoom

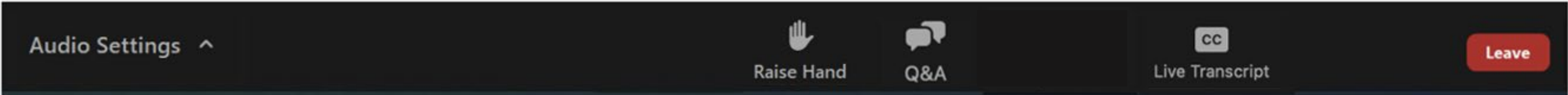


- Use the View button in the upper right-hand corner to adjust the meeting view settings to your preference



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[+1.888.799.9666]



Public meeting notes and procedures

Notification of recording

- While this virtual public hearing is not being recorded, MassDOT may choose to retain and distribute the images, audio and the Q&A transcript from this hearing.
- All parts of this hearing are considered public record.
- If you are not comfortable being recorded, please refrain from using the Q&A feature or you may choose to excuse yourself from the hearing. Information from this hearing will be posted on the Mass.gov website.

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.

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.
- 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.

Thank you for joining our meeting. We appreciate your participation!

Project Team

MassDOT

- Project Manager: Marco Pereira, P.E.
- ROW Agent: Theresa Kanuse
- District 5: Alex Duggan
- Producers: Christopher Klem and Kit McLewee
- Stenographer: XXXXXX

Preliminary Designer – CHA

- Michael Sullivan, PE

Public Outreach

Newspaper

- Old Colony Memorial
- Patriot Ledger
- Duxbury Clipper

MassDOT Social Media

- Facebook
- Twitter

Thanks to the following for sending notice of this meeting:

- Old Colony Planning Council
- Duxbury Council on Aging
- Duxbury Senior Center
- Plymouth Chamber of Commerce
- Registry of Motor Vehicles

WICKEDLOCAL.com

The Patriot Ledger

Duxbury  Clipper



OLD COLONY
PLANNING COUNCIL



The Plymouth Area
CHAMBER OF COMMERCE
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REGISTRY OF MOTOR VEHICLES

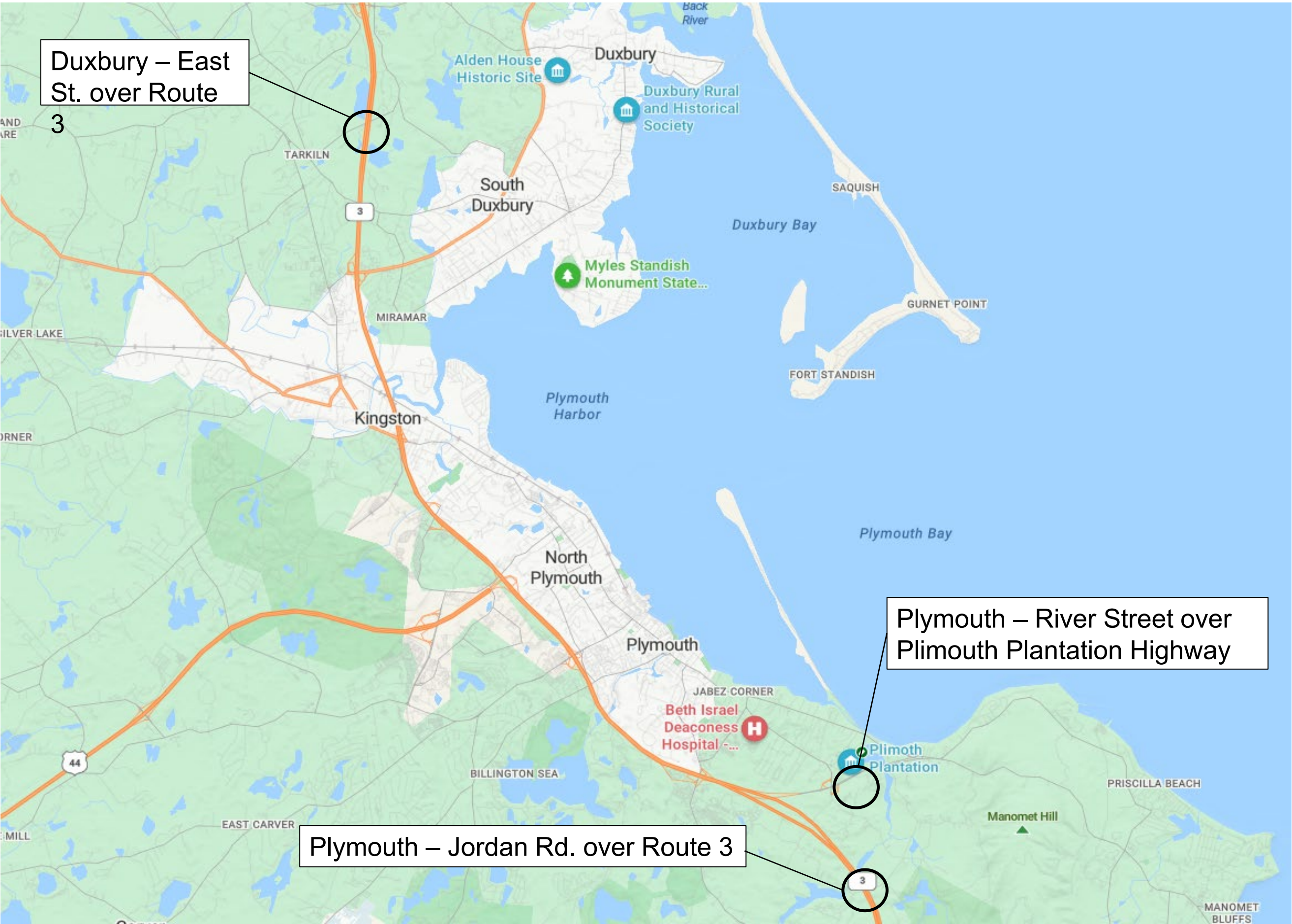
Agenda

- 01** Why was the project initiated?
- 02** What do we want to accomplish?
- 03** How will your property be impacted?
- 04** How will bicyclists and pedestrians be impacted?
- 05** What are the environmental, cultural resource, and community impacts?
- 06** What is the construction approach?
- 07** How will the road user be affected?
- 08** How will we keep you informed?



**Why was this
project
initiated?**

Bridge Locations



Duxbury – East Street over Route 3



Plymouth – Jordan Road over Route 3



Plymouth – River Street over Plimouth Plantation Highway



Why was the project initiated?

City / Town	Facility Carried	Feature Intersected	Year Built	Deck Rating	Superstructure Rating	Substructure Rating	ADT (2023)
Duxbury	East St	ST 3 Pilgrim Hwy	1962	6	6	6	1260
Lakeville	Pickens St	ST 140 NB	1958	5	6	7	1290
Lakeville	Pickens St	ST 140 SB	1969	6	6	7	
Mansfield	George St	Copeland Dr	1954	5	7	5	125
Plymouth	River St	Hwy Plimoth Plntn Hwy	1951	5	5	5	810
Plymouth	Jordan Rd	St 3 NB Pilgrim Hwy	1955	5	6	6	1590
Plymouth	Jordan Rd	St 3 SB Pilgrim Hwy	1955	5	6	6	
Wareham	Charge Pond Rd	St 25	1967	5	6	6	1550

Bridge Deficiencies

- Bridge decks are in fair condition but are continuing to decline in condition
- Steel superstructure paint system has failed, and the steel is corroding
- Bridge substructures are declining in condition and in need of repair
- Bridge bearings and joints are failing
- Substandard guardrails and approach barrier





**What do we
want to
accomplish?**

Bridge Preservation

- Replace the bridge decks
- Clean, paint, and repair the structural steels
- Repair the existing bridge substructures
- Replace the bridge bearings and joints
- Construct new crash-tested bridge barriers
- Reconstruct the approach roadway to provide seamless transitions





**How will your
property be
impacted?**

Right of Way (ROW) discussion – 25% Design

- 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 proposed design requires access to areas outside the public right of way.

Right of Way (ROW) discussion – 25% Design

- Responsible for acquiring all necessary rights in public land for design, construction, and implementation of a project.
- Affected property owners will be contacted by personnel from the ROW Bureau or consultants representing MassDOT.
- Procedures must comply with state and federal regulations governing the acquisition process.
 - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
 - If project receives federal funds, property owners are further protected under Title III of the Real Property Act of 1970, as amended.
- Fee takings, permanent easements, and/or temporary construction easements may be required.



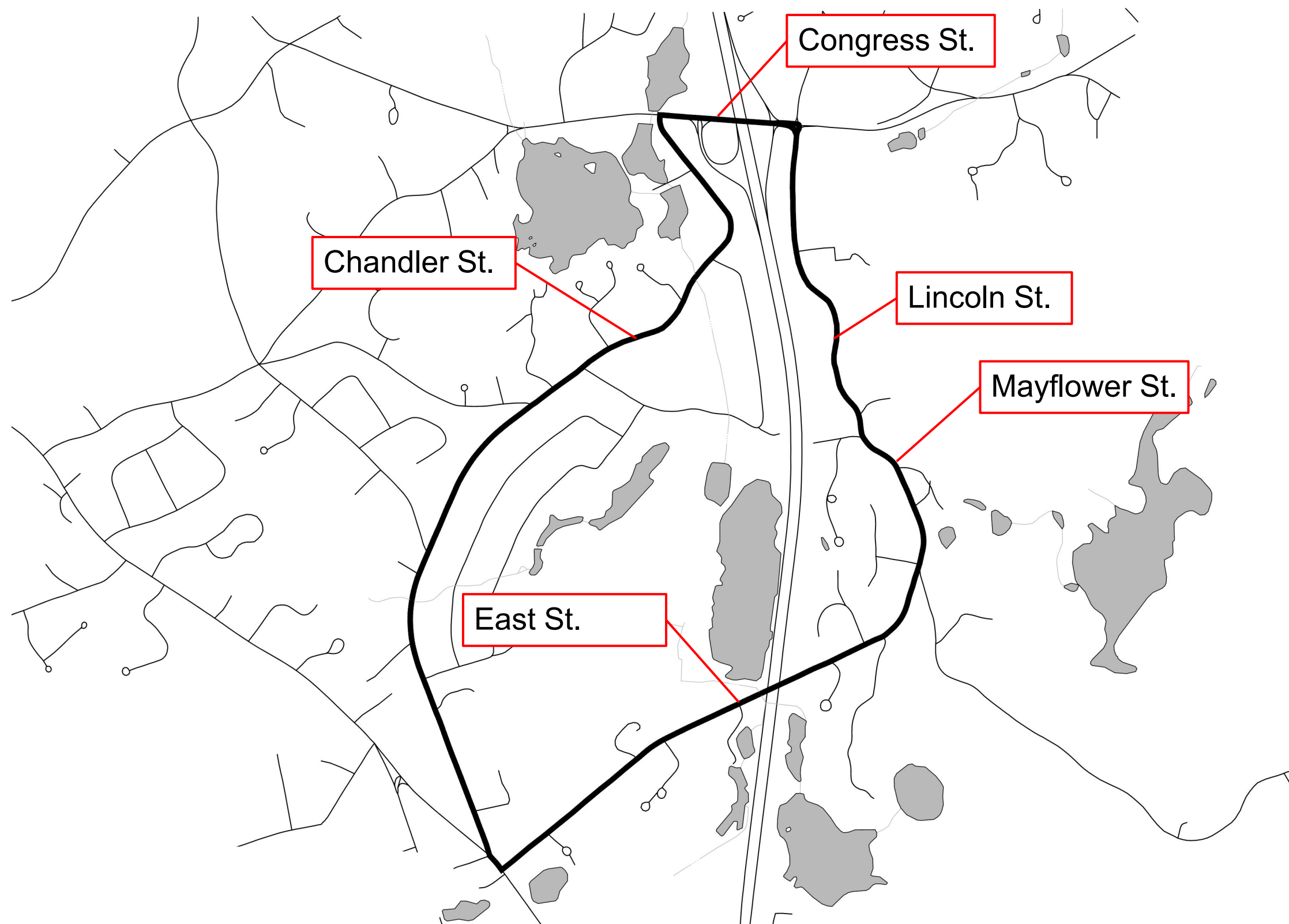
**What are the
environmental,
cultural
resource, and
community
impacts?**

What are the environmental, cultural resource, and community impacts?

- A Categorical Exclusion (CE) has been obtained for the Project
- There are no proposed wetland impacts for this project

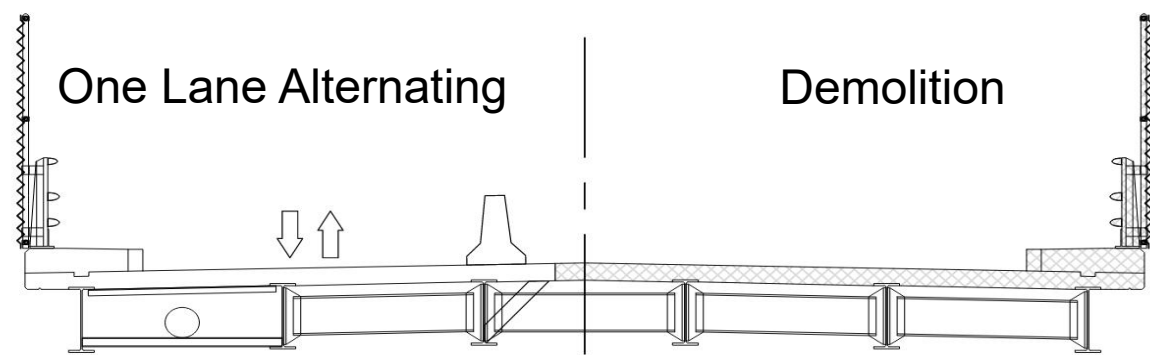


**What is the
construction
approach?**

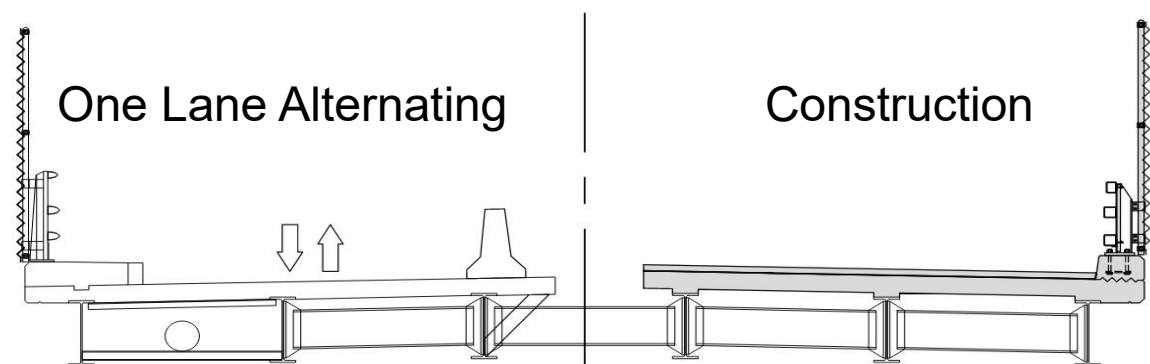


Duxbury – East Street over Route 3

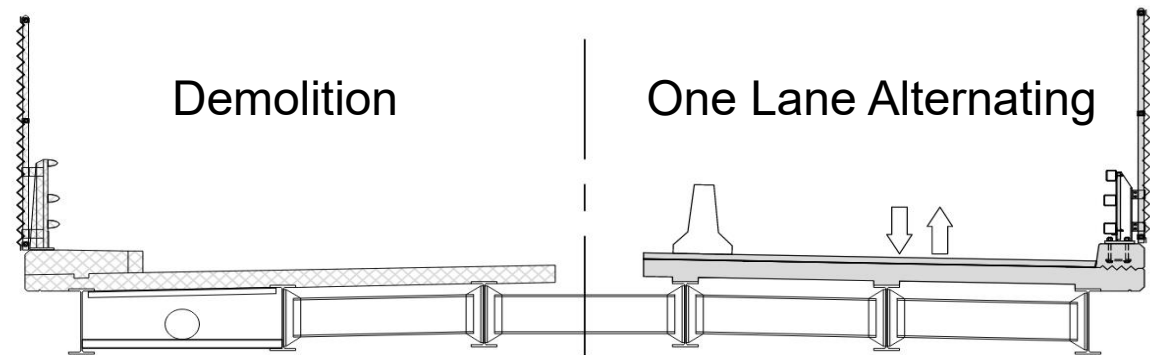
- Proposed detour route is 4.8 miles
- The proposed route uses Chandler Street, Congress Street, Lincoln Street and Mayflower Street to bypass the bridge
- The detour route is proposed to be used for one construction season (approximately 3-4 months)



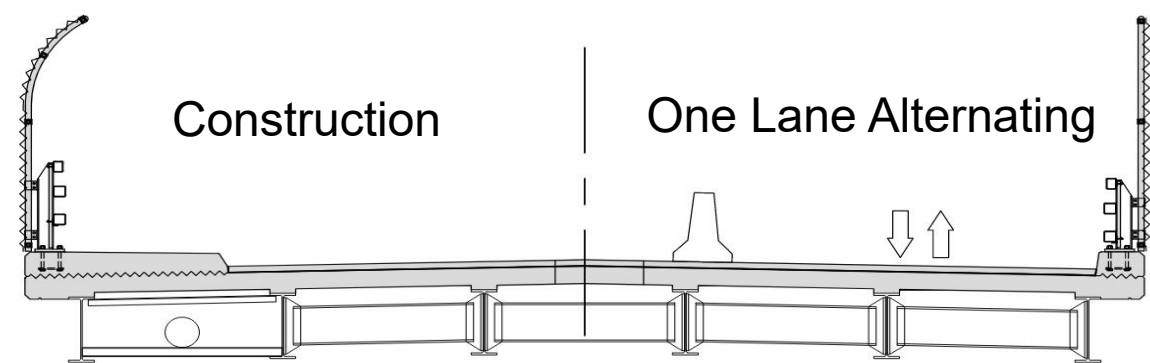
Stage 1 - Demolition



Stage 1 - Construction



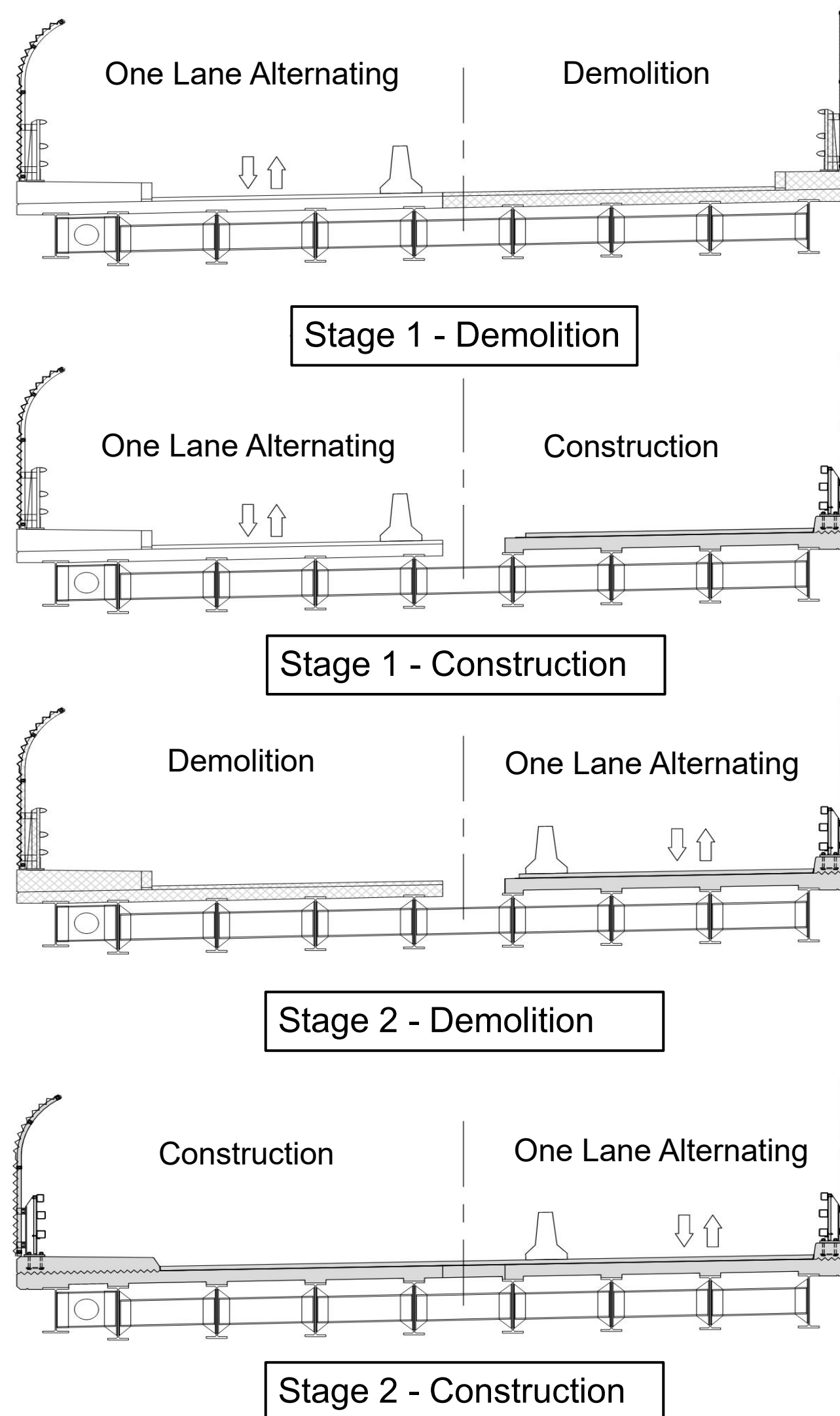
Stage 2 - Demolition



Stage 2 - Construction

Plymouth – Jordan Road over Route 3

- 2 stages of construction proposed (two construction seasons)
- One lane of alternating traffic will be used and managed with a temporary traffic light
- A pedestrian-only phase will be used to allow for pedestrian access during the 2nd stage of construction.



Plymouth – River Street over Plimouth Plantation Highway

- 2 stages of construction proposed (two construction seasons)
- One lane of alternating traffic will be used and managed with a temporary traffic light
- A pedestrian-only phase will be used to allow for pedestrian access during the 2nd stage of construction.

Proposed construction approach: Design Build

- Design-Build procurement
 - Short-List Best Qualified Teams
 - Shorten project duration
 - Promote innovation by teaming the engineer and the general contractor
- MassDOT's contract with the Design Builder will stipulate requirements for traffic management while also providing the DB flexibility to develop their own approach to staging.



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

How will the road user be affected?

Duxbury – East Street Bridge over Route 3:

- Detour will be in place for 3-4 months (during late Spring and Summer)

Plymouth – River Street and Jordan Road Bridges:

- One lane of alternating traffic will be in place for minimum two years of construction
- A temporary traffic light will be used to alternate traffic



**How will
bicyclists and
pedestrians
be impacted?**

How will bicyclists and pedestrians be impacted?

Duxbury – East Street Bridge over Route 3:

- Detour will be in place for 3-4 months (during late Spring and Summer)
- No pedestrian or bicyclists will be allowed across the bridge

Plymouth – River Street and Jordan Road Bridges:

- Pedestrians will be able to use existing sidewalk for stage one. For stage two, they will have a pedestrian-only phase in roadway
- The pedestrian-only phase will be push-button activated at either end of the bridge
- Countdown clocks will be at each end of the bridge to notify motorists of remaining time

Our next steps



Step 1 – 25% design
public hearing
March 29, 2023



Step 2 – Request for
Proposals issued to
three shortlisted teams
April 19, 2023



Step 3 – Proposals
due
June 30, 2023



Step 4 – Anticipated
start of construction
Summer 2024



Step 5 – Total
allowed construction
duration – 3 years



**How will we
keep you
informed?**

How to reach us?

- Submit written comments to:
 - Carrie Lavalley, P.E. Chief Engineer
 - MassDOT
 - 10 Park Plaza
 - Boston, MA 02116
 - Attention: Major Projects, PROJECT FILE NO. 613005
- Submit email comments to:
dot.feedback.highway@state.ma.us
- For project information visit the MassDOT Design Public Hearing web site at:
<https://www.mass.gov/massdot-highway-design-public-hearings> or
use the QR Code:





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.**



Thank You

District 5: Bridge Bundle

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Project File No. 613005

Marco Pereira, PE

