

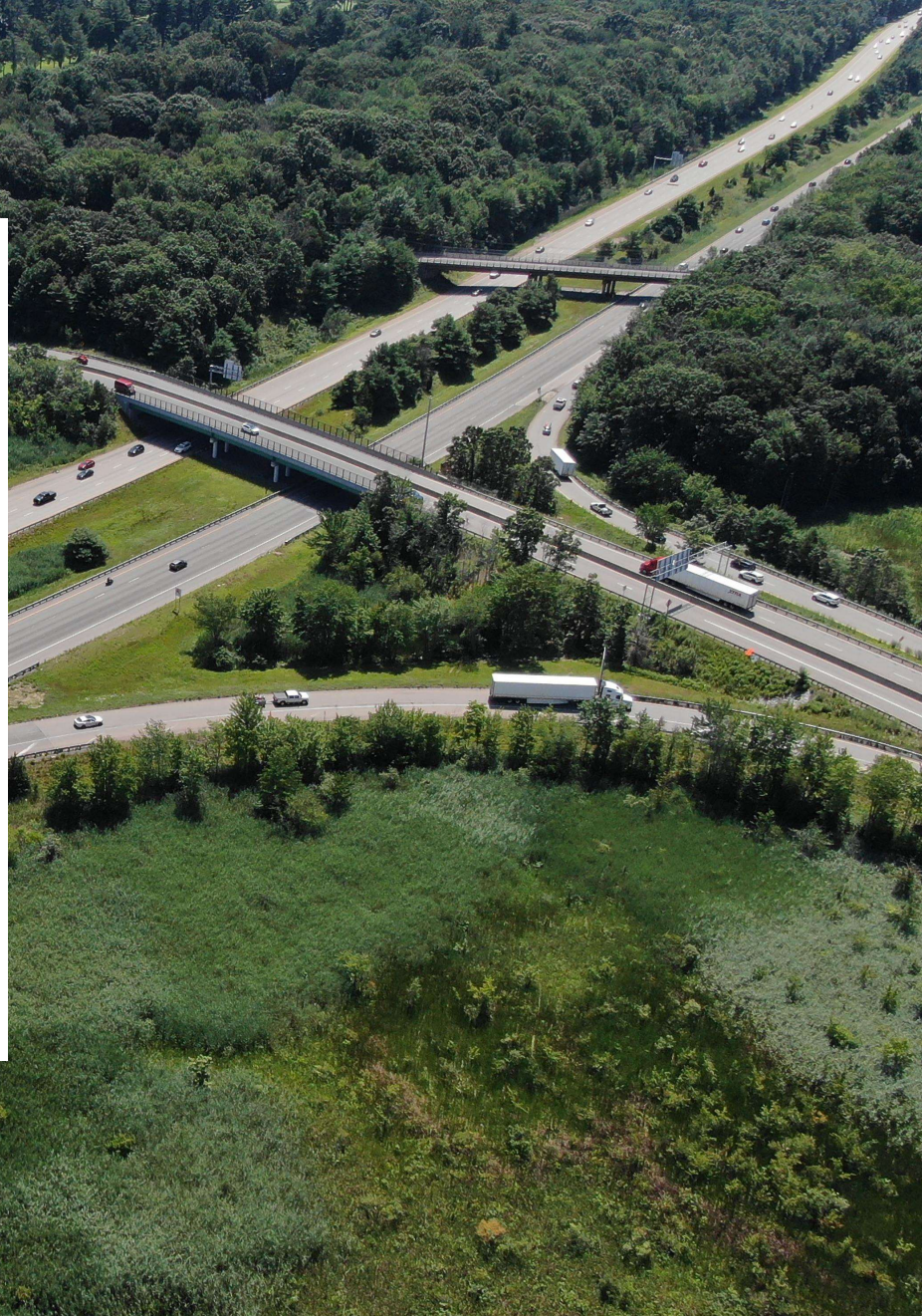


November 7, 2024
495/MetroWest Partnership

No. 607977-116673

Project email

495-90Improvements@state.ma.us



Agenda

01 Project Overview

02 2024/Spring 2025 Construction Overview

03 Traffic Milestones

- I-495 SB Crossover
- Fruit Street Stage 2
- Ramp ES Opening
- Whitehall Brook Stage 0/1



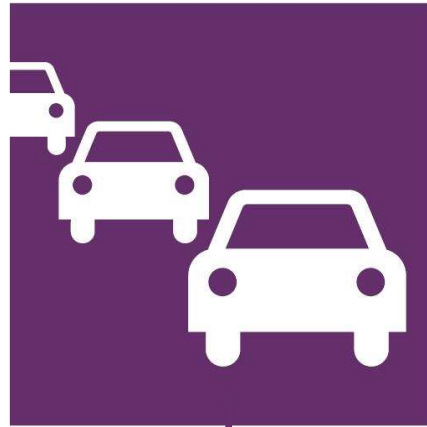


Project Overview

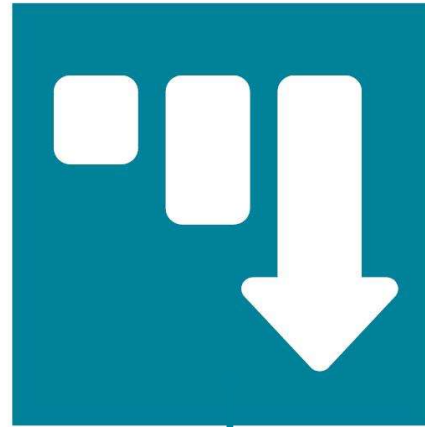
Project Goals



Reduce crashes
in the project area for
all movements



**Reduce recurring
congestion**
within the interchange



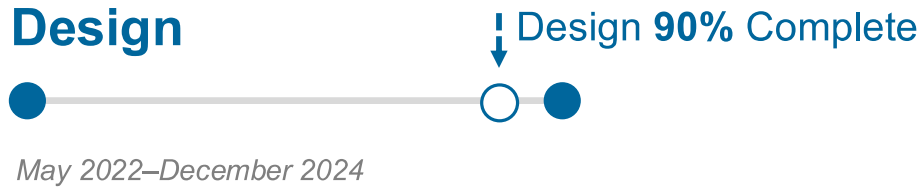
Reduce queuing
that currently extends
from the interchange
onto the mainlines of
I-90 and I-495



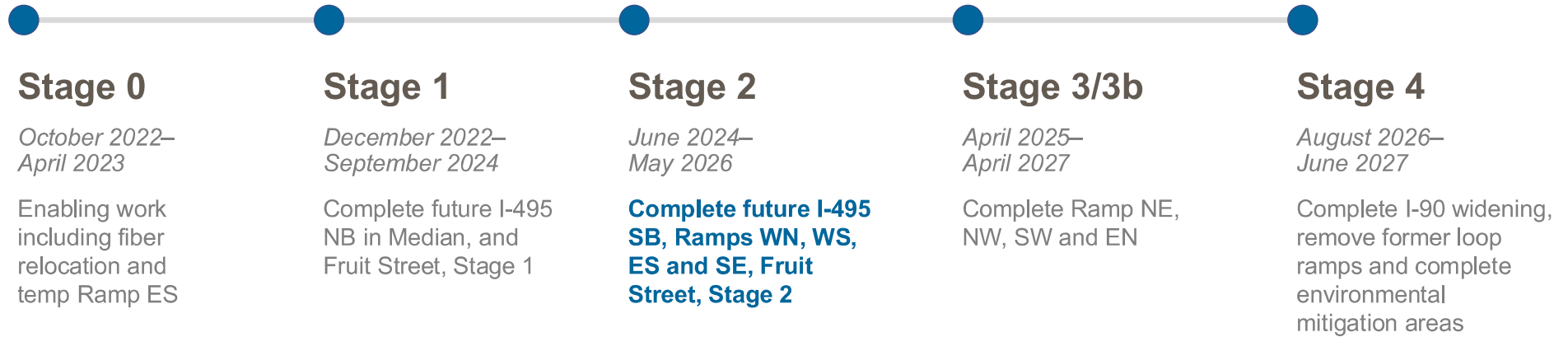
Reduce travel time
the interchange,
especially for
high-volume
movements

Schedule

Design



Construction

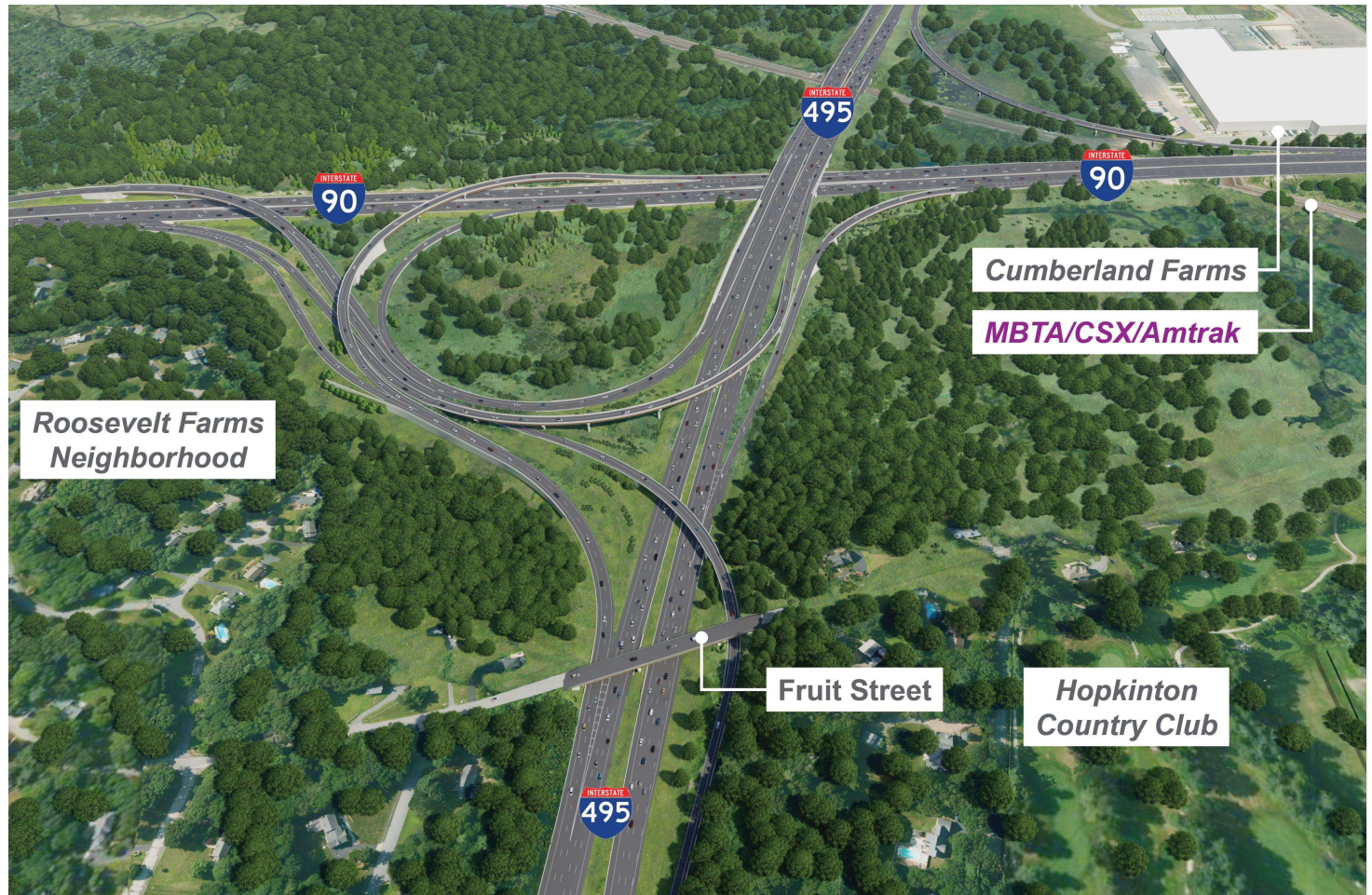


Key Project Elements and Proposed Modifications

- Project limits extend approximately 3/4 mile in each direction
- Complete replacement of the Interchange
- Elimination of old toll booth area and weaving areas
- Extremely sensitive environmental resource area

Project website:

<https://www.mass.gov/i-495i-90-interchange-improvements>



I-90

- 3 lanes in each direction
- Minor widening and minimal changes to profile
- Bridges over MBTA/CSX/Amtrak and Whitehall Brook to be replaced

I-495

- 3 lanes in each direction
- 4th lane to Route 9
- Future I-495 NB will be within the previous median area
- Future I-495 SB will be in its existing location
- Bridges over MBTA/CSX/Amtrak and I-90 to be replaced



Interchange Ramps

- New direct, semi-direct and loop ramp configurations
- Support up to 40-50 mph design speed
- Single or two-lane ramps based on traffic demand



*Ramp Designations indicate directionality—i.e., **Ramp WN** connects I-90W to I-495N

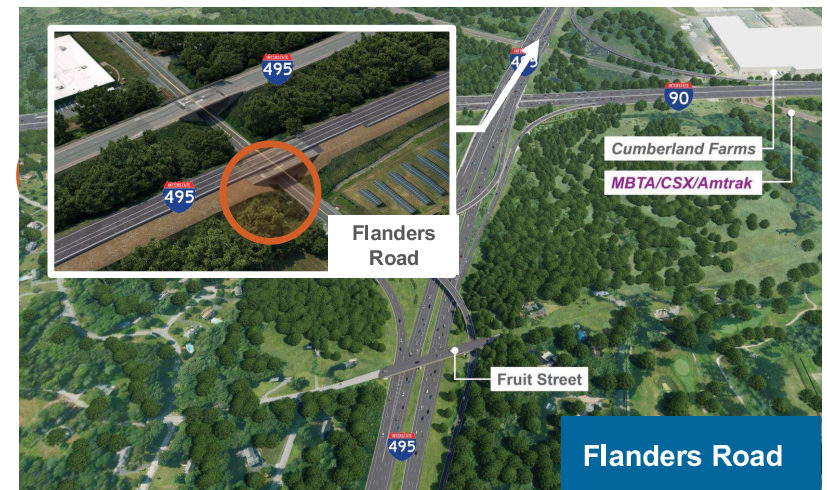
Fruit Street

- Will be completed in 2 major stages
- 2-way, 1-lane alternating traffic (under signal control) during major stages



Flanders Road

- Replacement of I-495 NB bridge superstructure over Flanders Road
- Constructed with an overbuild to maintain 3-lanes of travel
- Utility work on Flanders Road below I-495



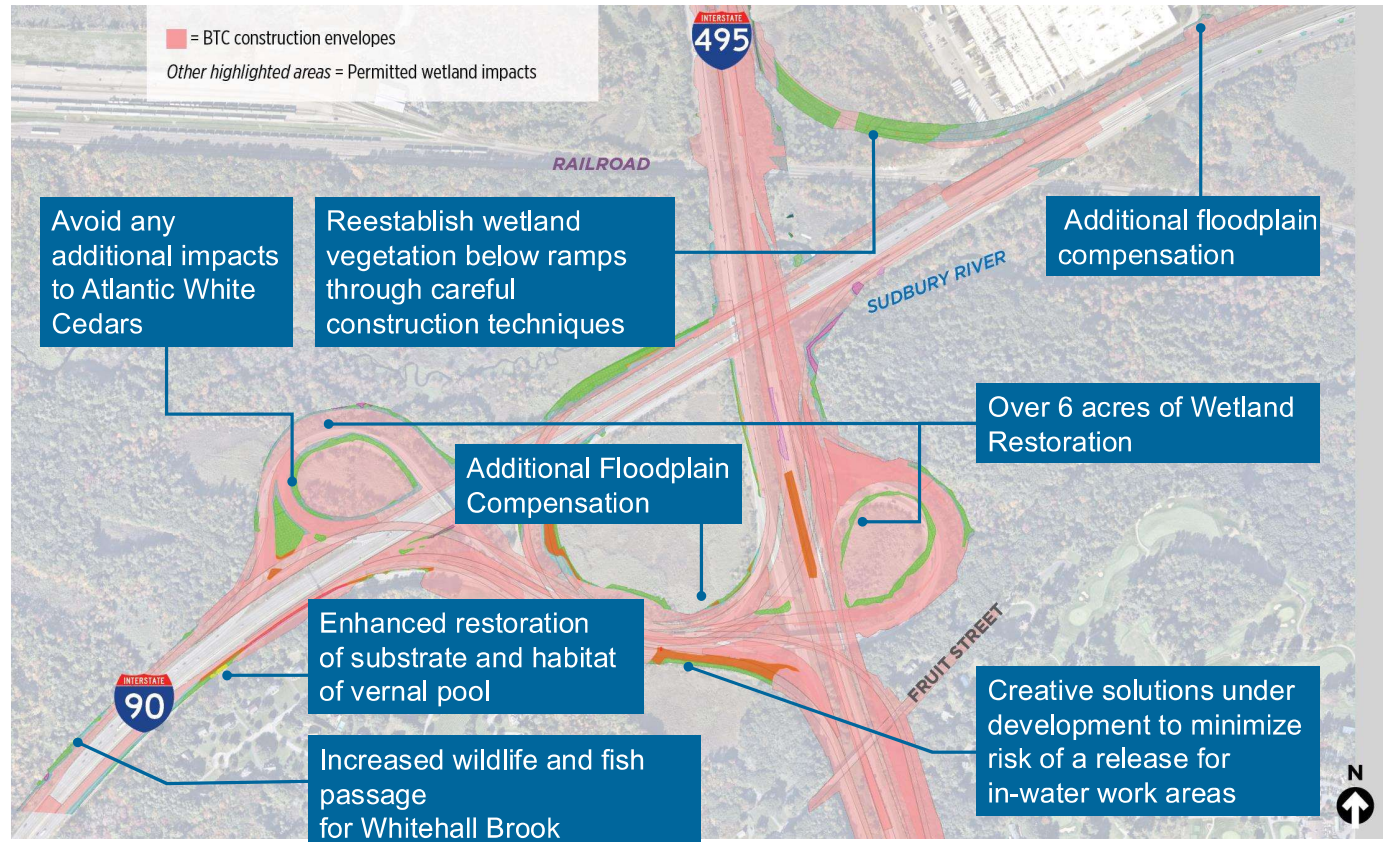
Environmental Considerations

Interchange is located near sensitive natural resources

- Cedar Swamp ACEC
- Sudbury River
- Whitehall Brook
- Surrounding wetlands and floodplains

Permits

- Issued during preliminary design
- Require continued agency involvement as designs advance
- Require construction and post-construction oversight





2024/Spring 2025 Construction Overview

Ongoing/Upcoming Construction Activity

- Future I-495 SB Mainline
- I-495 SB Bridges over I-90 and MBTA
- Fruit Street, Stage 2
- Ramps WS and SE
- Ramp ES
- Ramp WN
- I-495 NB Bridge over Flanders Road
- I-90 over Whitehall Brook, Stages 0 and 1
- I-90 over RR



Project website

<https://www.mass.gov/i-495i-90-interchange-improvements>



2024 Traffic Milestones

Implementation of I-495 SB Crossover

Implemented Summer 2024

- I-495 SB traffic shifted to existing median (future I-495 NB)
- I-495 NB traffic remains as today
- Associated I-495 SB on/off-ramp modifications



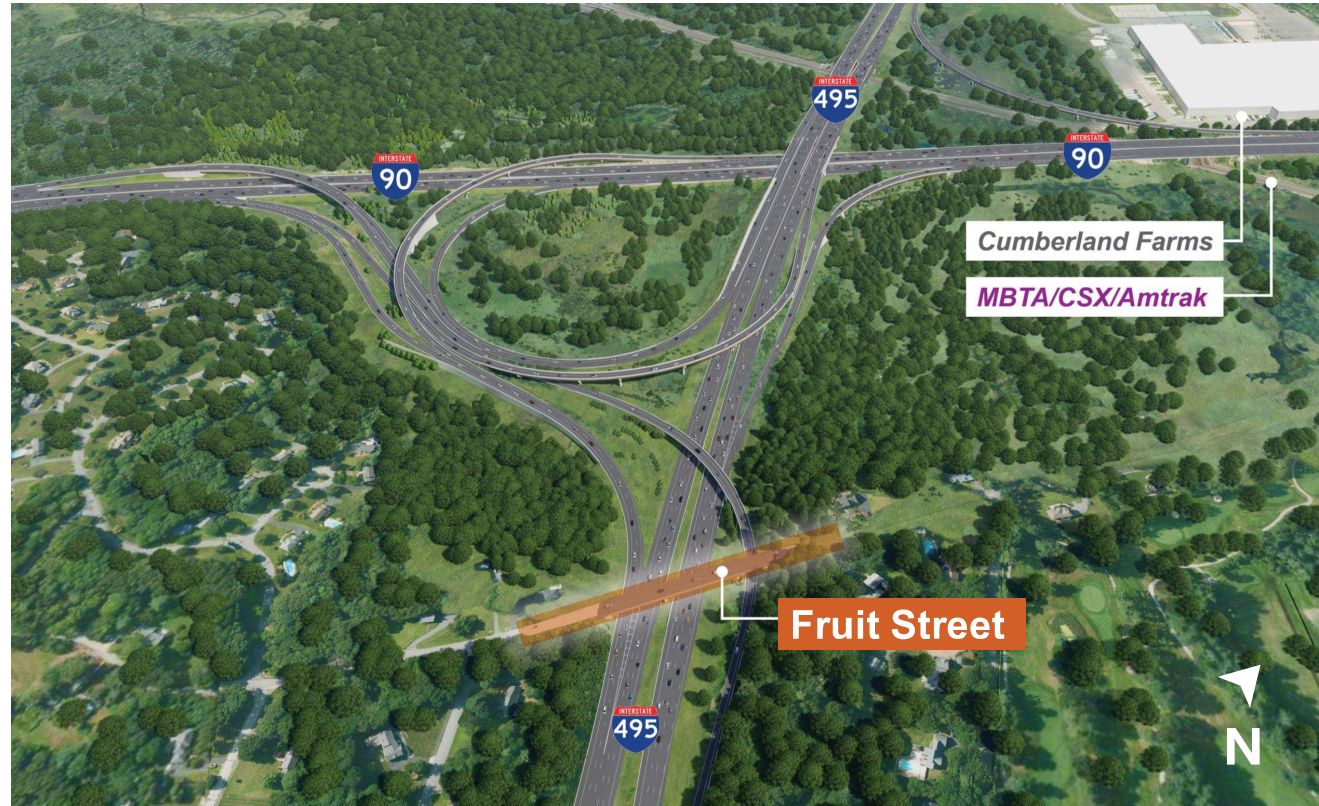
Project website

<https://www.mass.gov/i-495i-90-interchange-improvements>

Fruit Street – Stage 2

Implemented Summer 2024

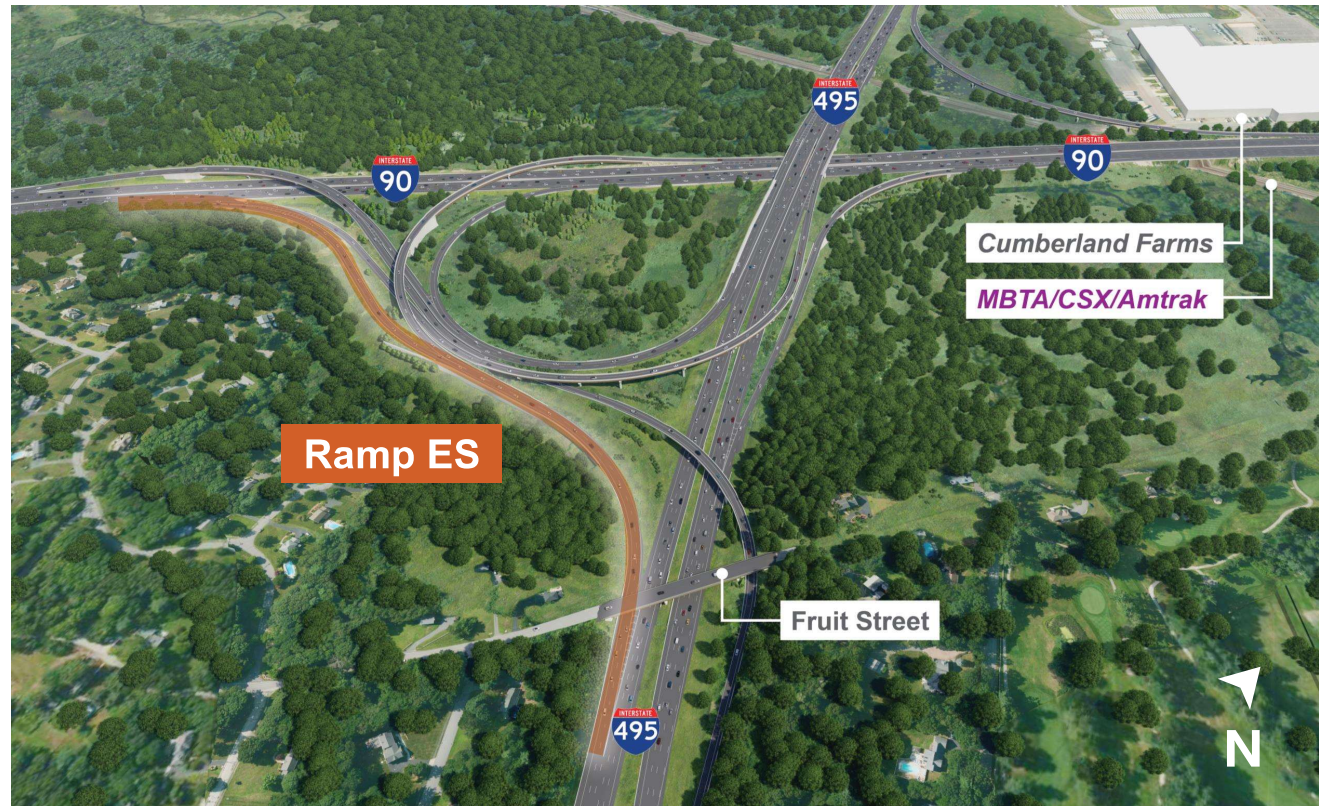
- 2nd Stage of replacement of Fruit Street bridge over I-495
- Traffic shifted to newly constructed section of bridge
- Remaining existing bridge to be demolished/final construction



Ramp ES Opening

Scheduled Opening—Fall 2024

- Proposed ramp provided between I-90 EB and I-495 SB
- Part of a 2-lane off-ramp from I-90 EB (splits to Ramp ES and Ramp EN)
- Combines with future Ramp WS to provide 2-lane on-ramp to I-495 SB

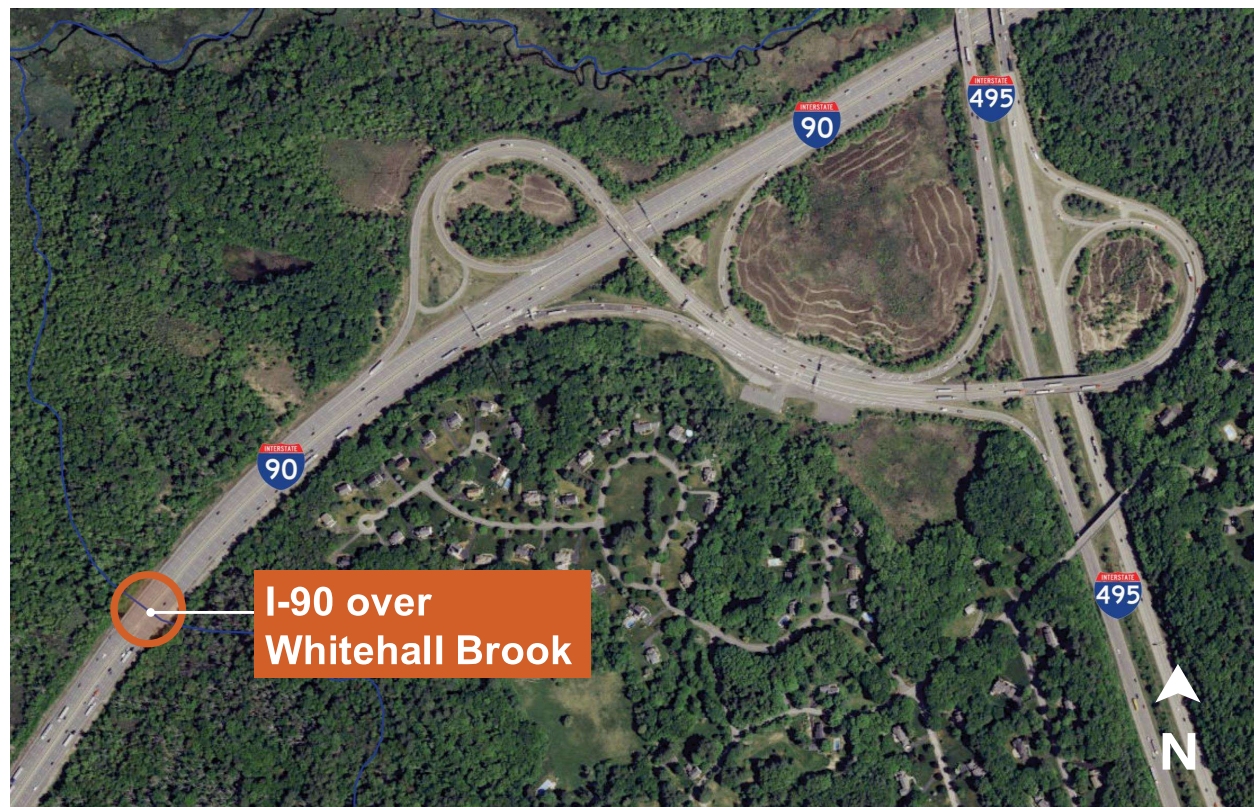


Project website

<https://www.mass.gov/i-495i-90-interchange-improvements>

I-90 over Whitehall Brook

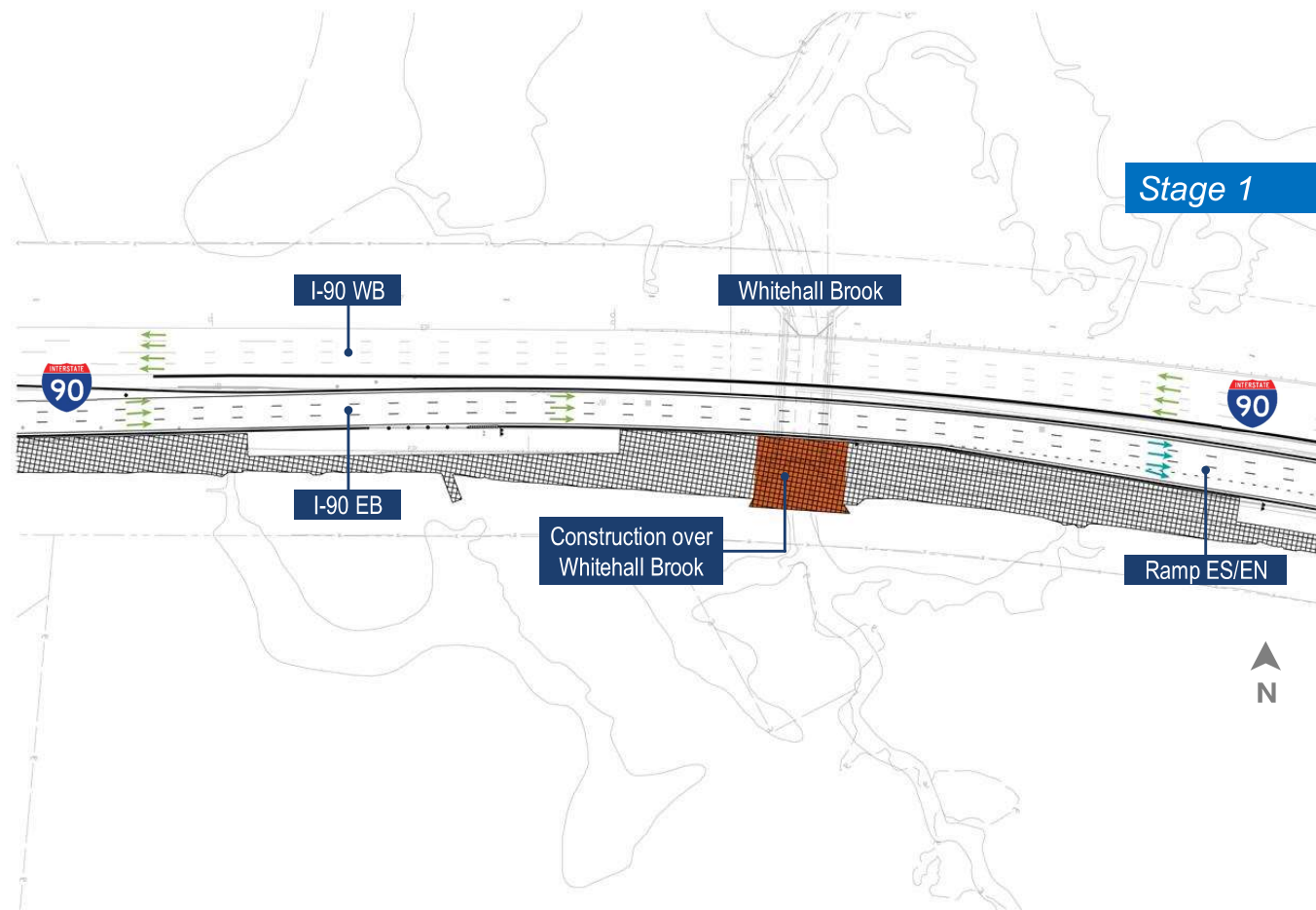
- Bridge carrying I-90 over Whitehall Brook to be reconstructed in multiple stages
- Requires traffic shifts along I-90 EB and WB
- Requires modifications to I-90 WB on-ramp and I-90 EB off-ramp



I-90 over Whitehall Brook Stage 0/1

Stage 0/1 Fall/Winter 2024

- Stage 0 involves I-90 roadway grading, median reconstruction and drainage work
- Stage 1 requires traffic shifts along I-90 EB (to the north)—crossing constructed to the south



Project website

<https://www.mass.gov/i-495i-90-interchange-improvements>

Stay Connected

Staying Connected

- Project website—updated regularly with construction and traffic information
- **Please join our mailing list! You can sign up on the project website.**

Project website

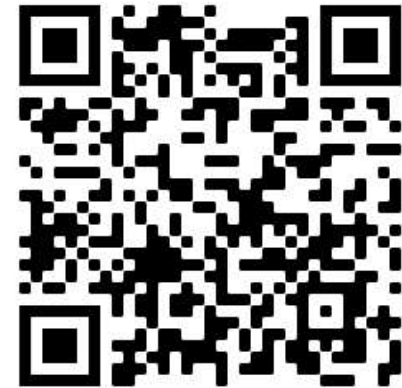
<https://www.mass.gov/i-495i-90-interchange-improvements>

Project email

495-90Improvements@state.ma.us

Social media

- **Facebook:** @massdotinfo
- **X:** @MassDOT





Questions and Discussion



Thank You

November 7, 2024
495/MetroWest Partnership

No. 607977-116673

Project email

495-90Improvements@state.ma.us

