



May 8, 2024
**Public Information Meeting
Construction Update
and Traffic Milestones**

Virtual Meeting

No. 607977-116673

Project email

495-90Improvements@state.ma.us



Zoom Webinar Controls for Meeting



- Ask a question and share comments



- Drop down menu to check microphone and speakers



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



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- Closed captioning automatically generated by Zoom



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- We welcome the diversity from across our entire service area
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All questions and comments are welcome and appreciated, however we do request that you refrain from any disrespectful comments

Agenda

01 Project Overview

02 2024/Spring 2025 Construction Overview

03 Traffic Milestones

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

04 Outreach and Communication Plan



Tonight's Panel:

MassDOT

Chris Gagne, Project Manager

Jean-Pierre Telemaque, District 3
Assistant Construction Engineer

Joe Frawley, District 3 Operations Engineer

Roy Kirwa, MassDOT Producer

Hung Pham, MassDOT Producer

Daniel Racicot, Highway Liaison

Design Build Team

Mark Champ (Barletta Heavy Division), Project Manager

Don Cooke (VHB) Design Manager

Josh Cone-Roddy (VHB) Highway

Anurag Agrawal (VHB) Traffic

Keith Sonia (RVA) Outreach



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



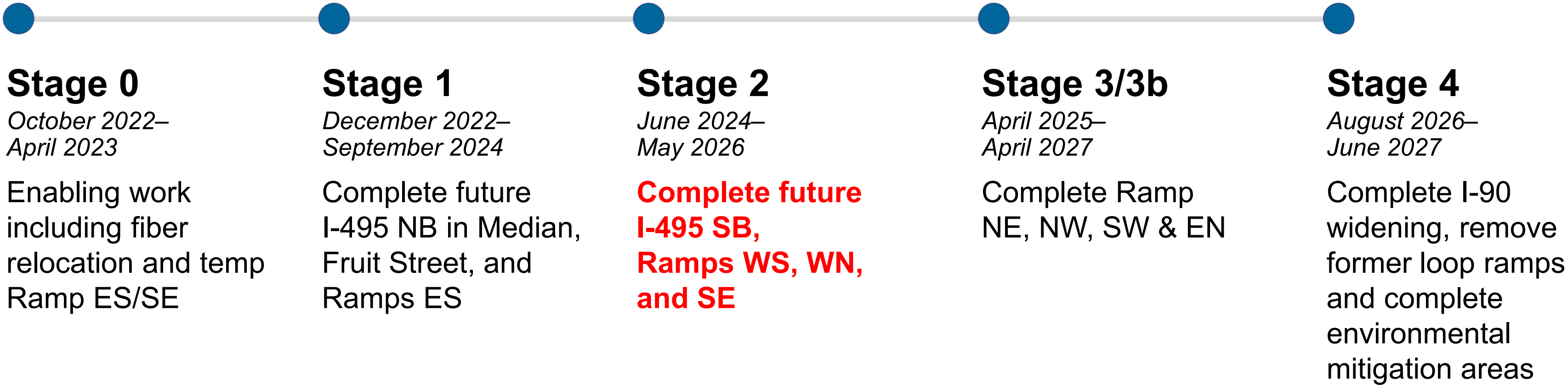
Reduce travel time
the interchange,
especially for
high-volume
movements

Schedule

Design

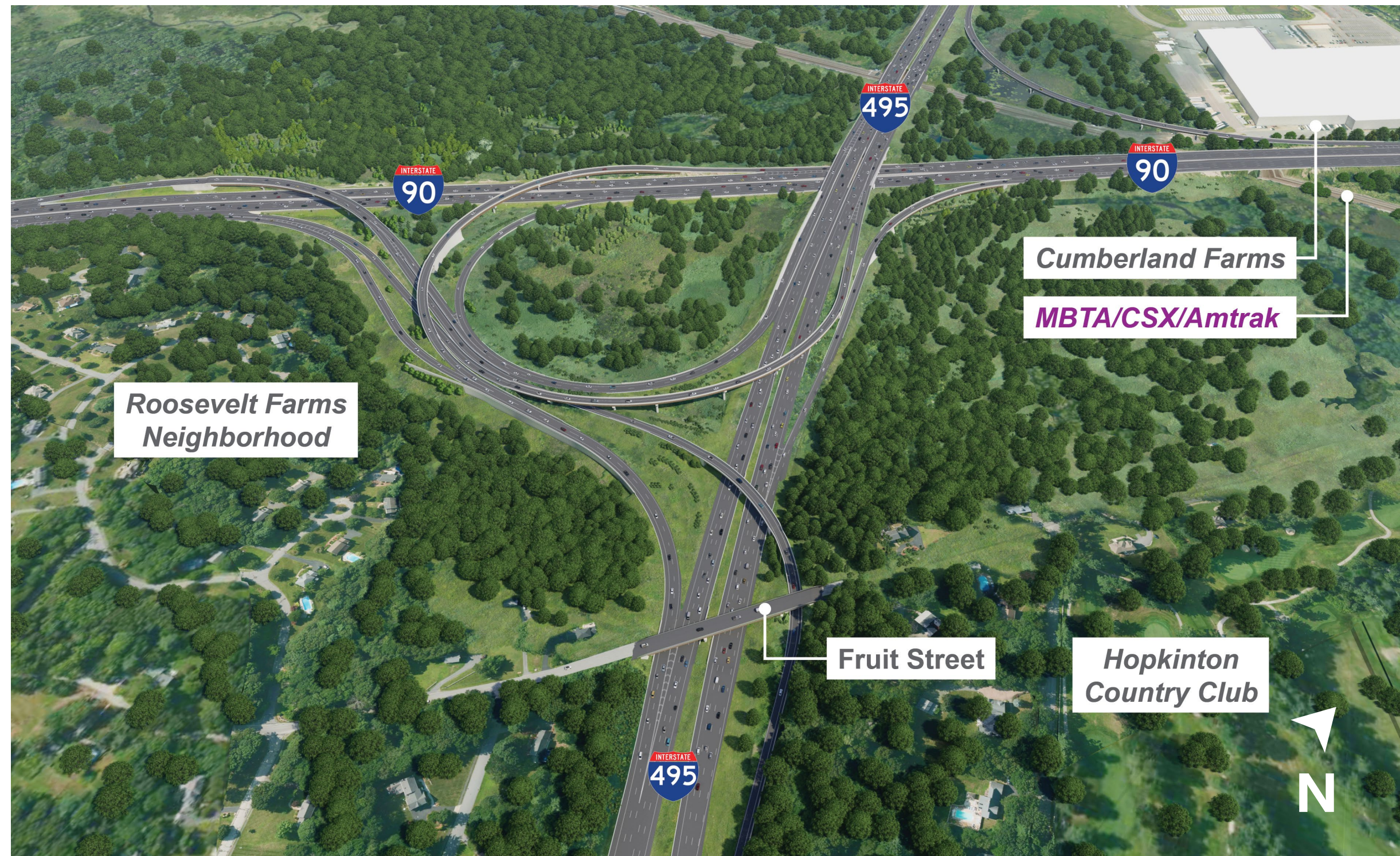


Construction



Key Project Elements & 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 with minor widening
- Minimal changes to roadway profile and cross slope
- Bridge over MBTA/CSX/Amtrak to be replaced
- Fiber optic cables in median and EB shoulder to be relocated
- Culvert at Whitehall Brook to be replaced



I-495

- 3 lanes in each direction
- Additional (4th) lane will be provided to Route 9
- Future I-495 NB will be constructed within the existing median
- Future I-495 SB will be in its existing location
- Bridges over MBTA/CSX/Amtrak and I-90 to be replaced
- I-495 NB bridge over Flanders Road to be replaced



Complete Interchange Reconstruction—Including 8 New Ramps



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



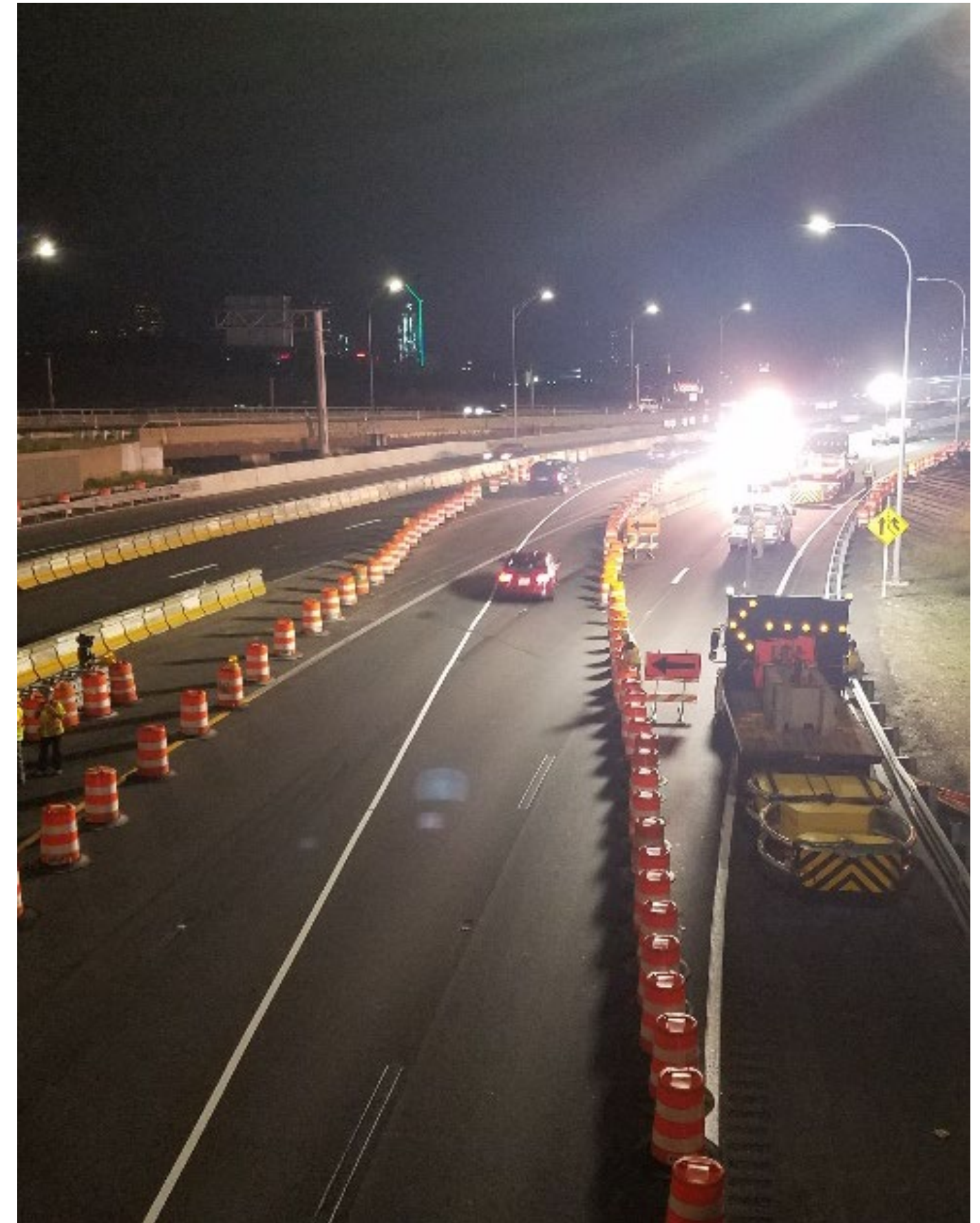
Traffic & Staging Considerations

I-90 & I-495

- Maintain 3 lanes on mainlines, except for short-term closures during approved off-peak hours
- Maintain all ramp connections between I-90 and I-495, including along temporary alignments
- Maintain proper signage and markings
- Provide temporary roadway lighting along ramps
- Provision of safe construction access/egress

Local Roadways

- Maintain resident and local business access/egress
- *Fruit Street*—maintain 1-lane; 2-way alternating traffic with signal during bridge replacement
- *Flanders Road*—short-term lane closures to support bridge & utility work

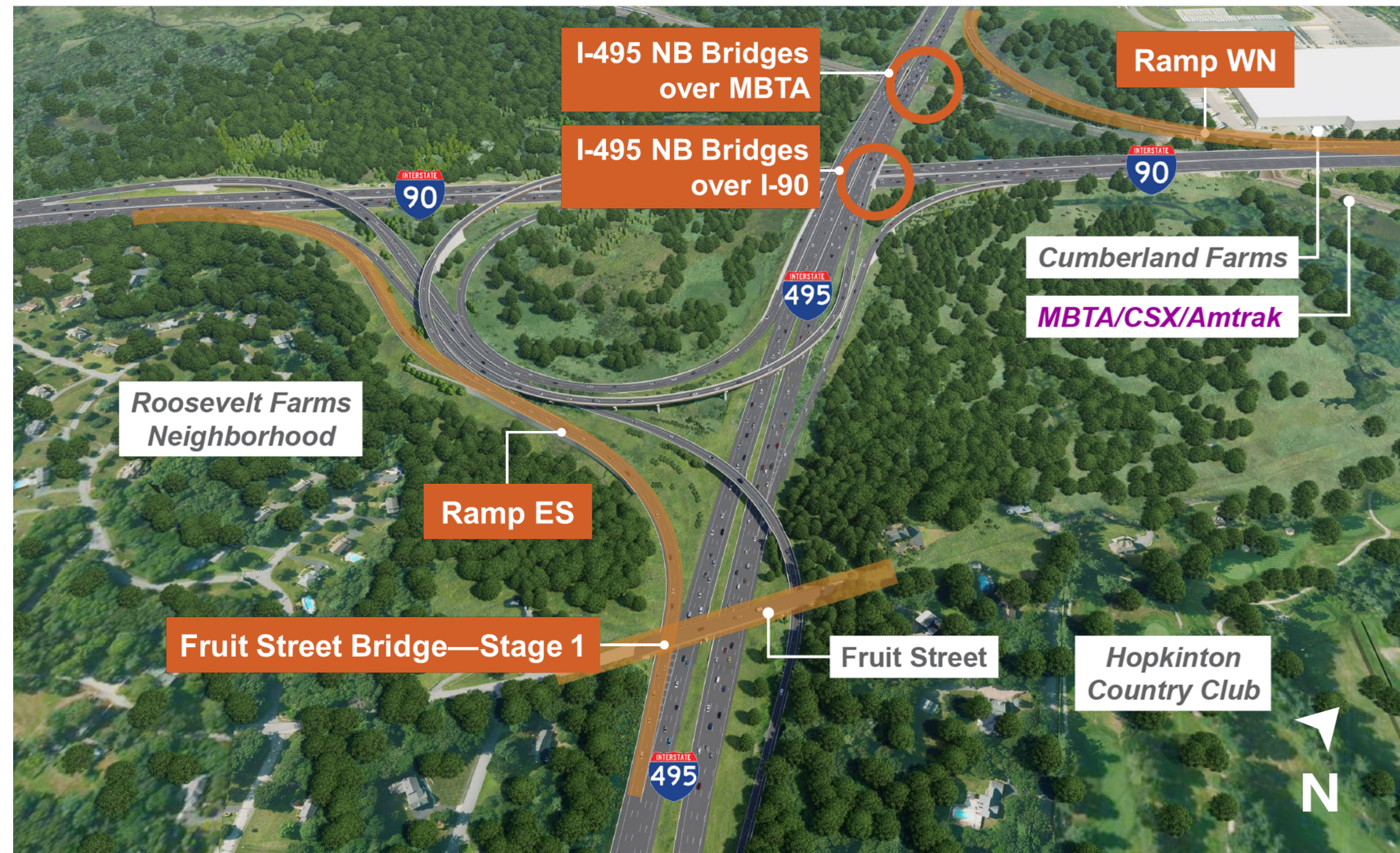




2024/Spring 2025 Construction Overview

Ongoing Construction Activity

- 1] I-495 NB Bridges over I-90 and MBTA
- 2] Fruit Street Bridge—Stage 1
- 3] Ramp ES
- 4] Ramp WN
- 5] I-495 NB over Flanders Rd.—Eastside
- 6] Ramp WS—Pier Work



Project website

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Ongoing Construction I-495 over I-90



Ongoing Construction I-495 over MBTA



Ongoing Construction Fruit Street Bridge | Stage 1



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

Ongoing Construction Ramp ES



Project website

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

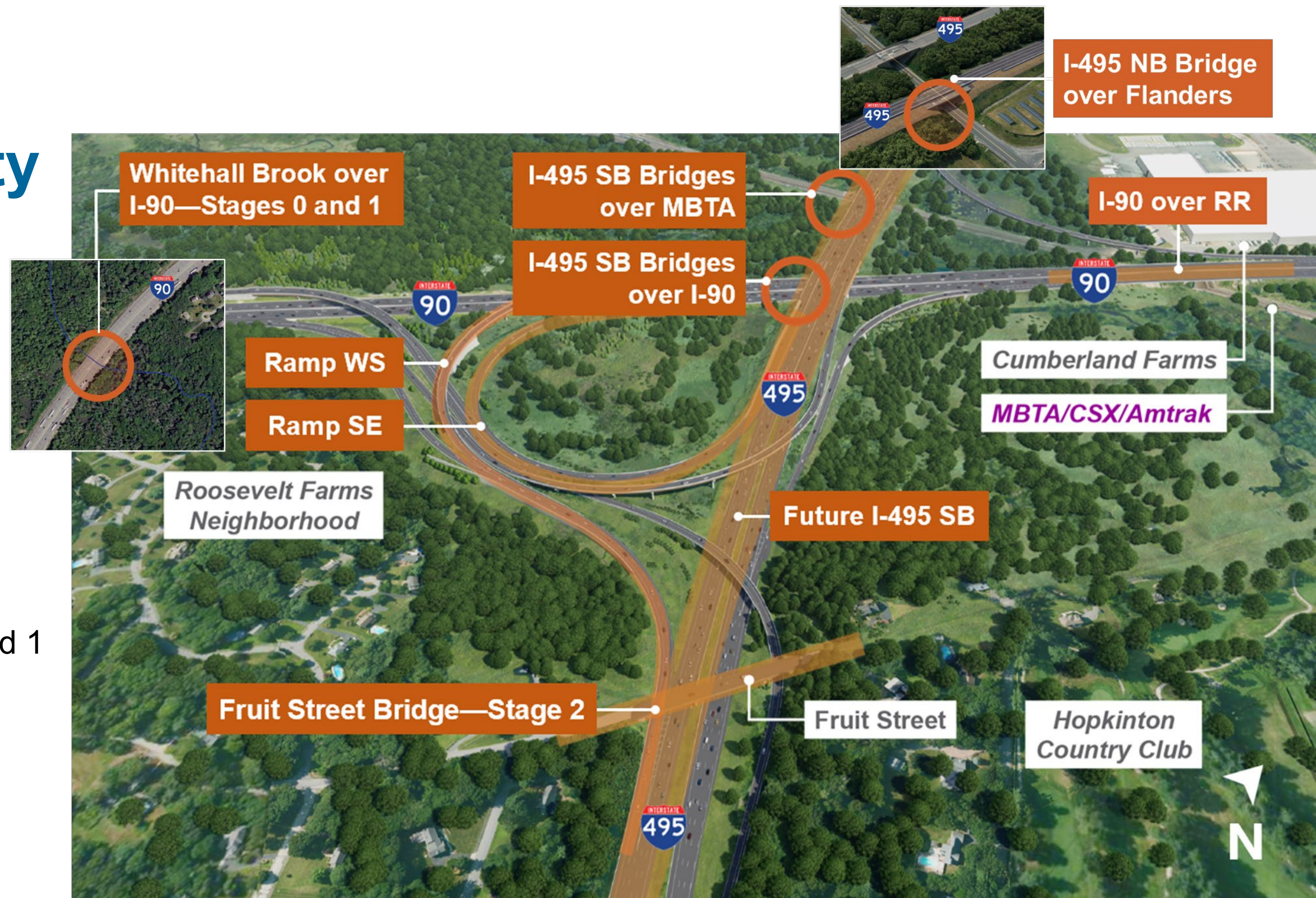
Ongoing Construction Ramp WN



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

Upcoming Construction Activity 2024/Spring 2025

- 1] I-495 SB Bridges over I-90 and MBTA
- 2] Future I-495 SB
- 3] Fruit Street Bridge—Stage 2
- 4] Ramps WS and SE
- 5] I-495 NB Bridge over Flanders
- 6] I-90 over Whitehall Brook—Stages 0 and 1
- 7] I-90 over RR



Project website

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2024 Traffic Milestones

Implementation of I-495 SB Crossover

- 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
- **Scheduled Implementation Summer 2024 (post Memorial Day)**

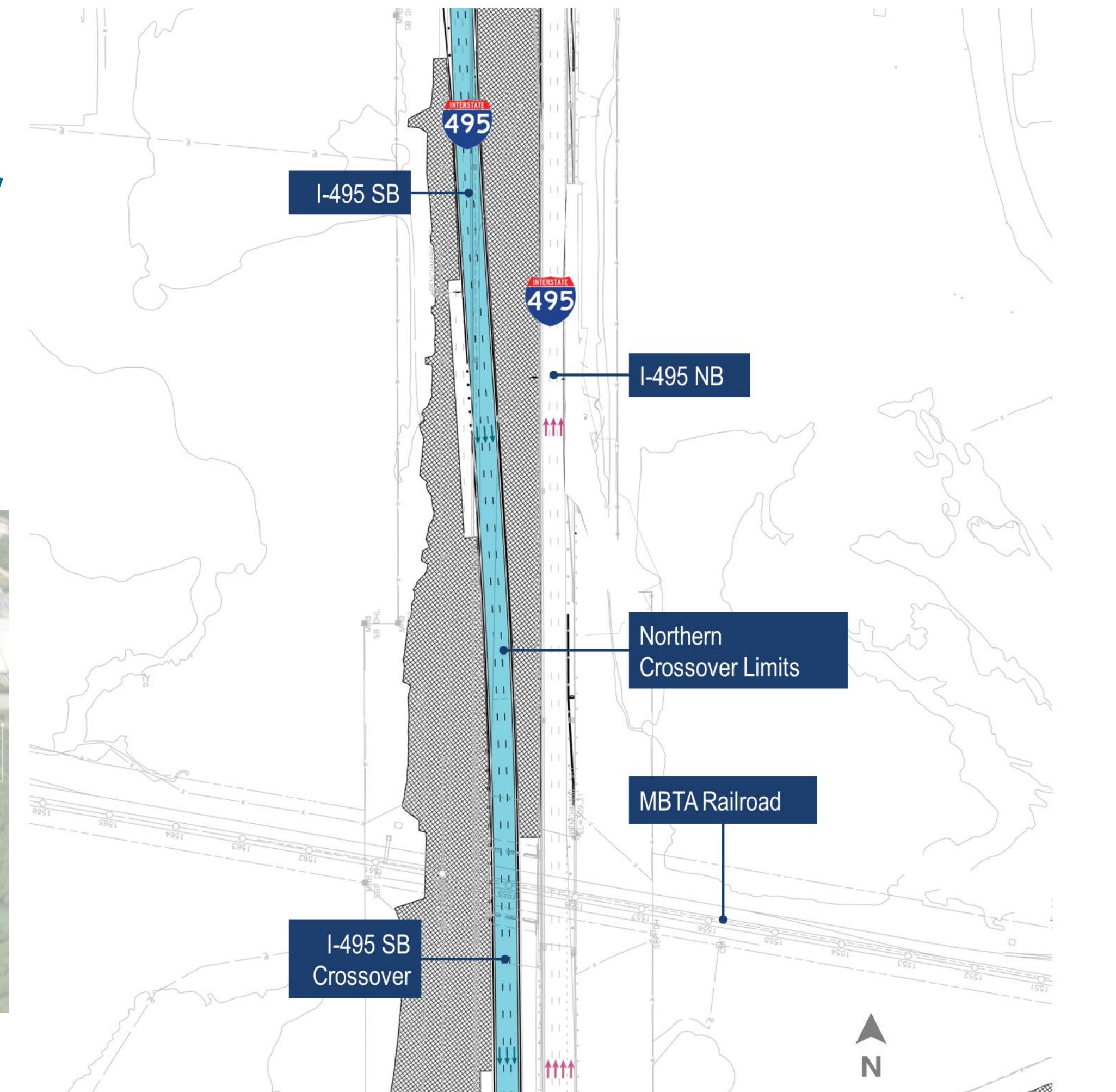


Project website

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Implementation of I-495 SB Crossover

- Northern crossover limits
- I-495 SB traffic shifted to existing median (future I-495 NB)—north of MBTA/RR

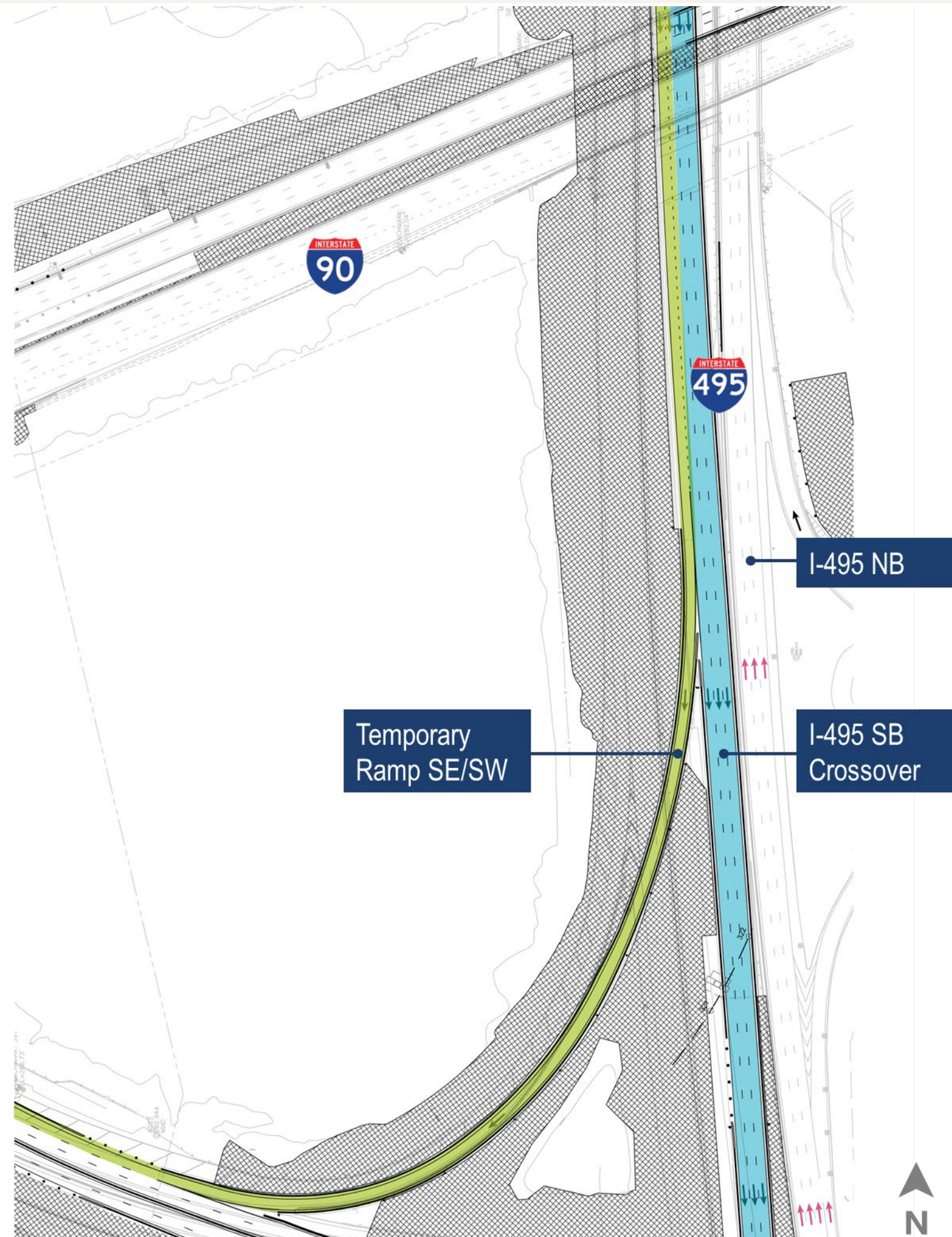


Project website

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

Implementation of I-495 SB Crossover

- I-495 SB traffic shifted to existing median (future I-495 NB)
- Temporary Ramp Connections—
I-495 SB to I-90 EB & WB (SE/SW)

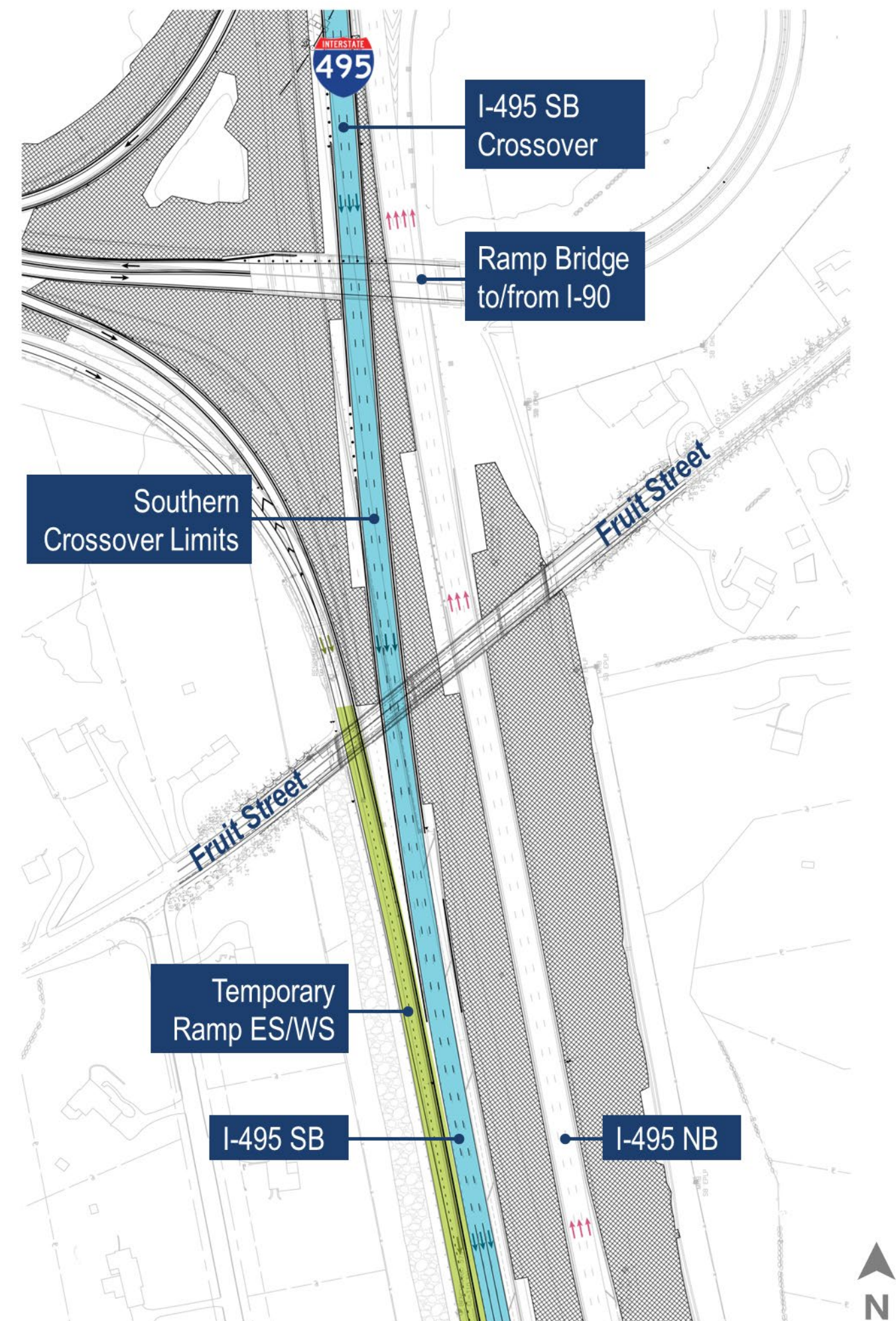


Project website

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Implementation of I-495 SB Crossover

- Southern limits of crossover
- I-495 SB traffic shifted back to existing alignment under Fruit St.
- Temporary Ramp Connections—I-90 EB & WB (ES/WS) to I-495 SB



Project website

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

Ramp ES Opening

Proposed ramp provided between I-90 EB and I-495 SB

INITIAL CONDITION

- New direct I-90 EB connection to I-495 SB (ES) opens
- I-90 EB to I-495 NB continues to use temporary I-90 EB off-ramp (EN)

Scheduled Opening–Fall 2024



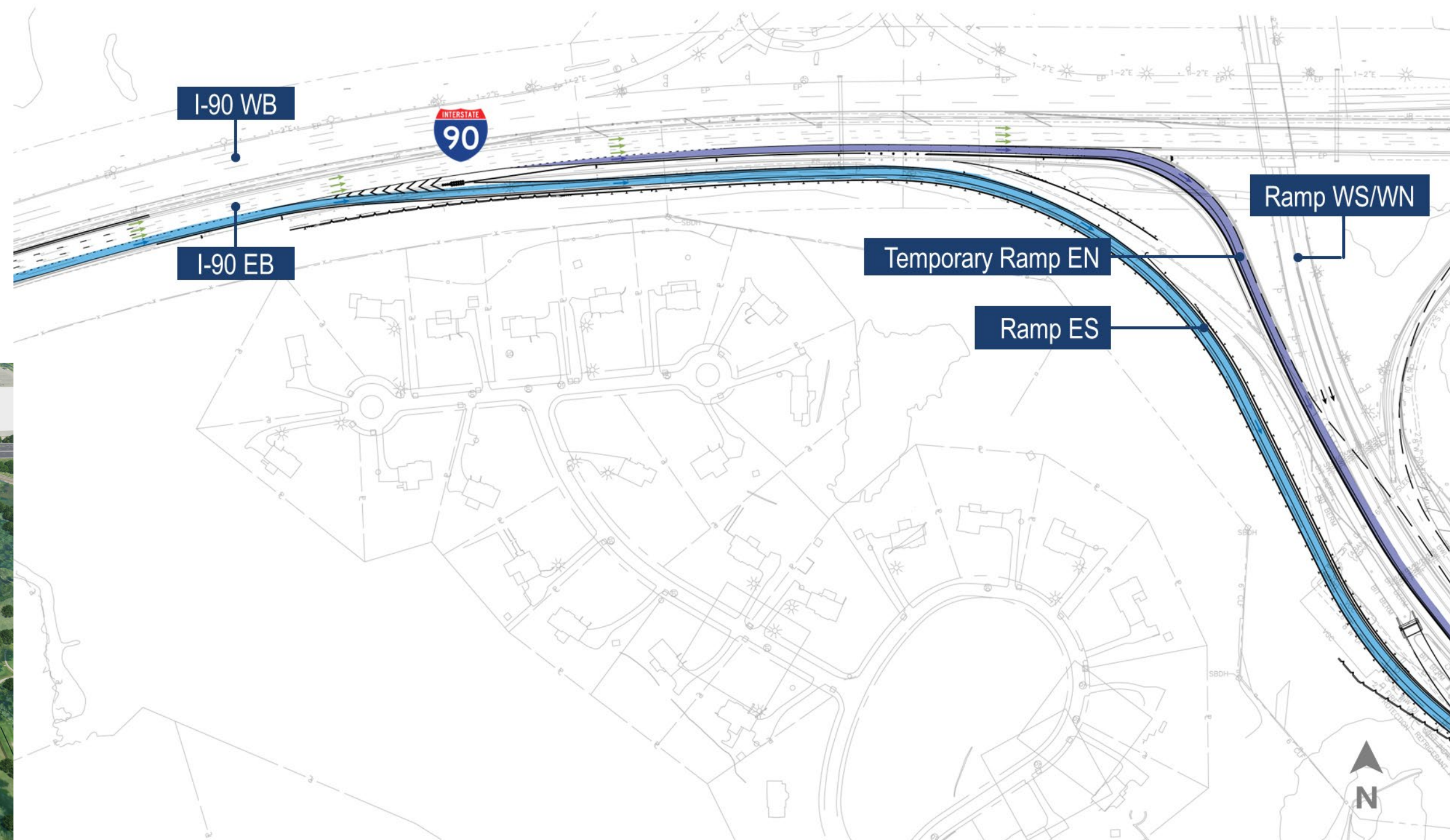
Project website

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Ramp ES Opening

INITIAL CONDITION

- New direct I-90 EB connection to I-495 SB (ES) opens
- I-90 EB to I-495 NB continues to use temp. I-90 EB (EN) off-ramp



Project website

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Ramp ES Opening

INITIAL CONDITION

- New direct I-90 EB connection to I-495 SB (ES)
- Joins with temporary Ramp WS to merge with I-495 SB



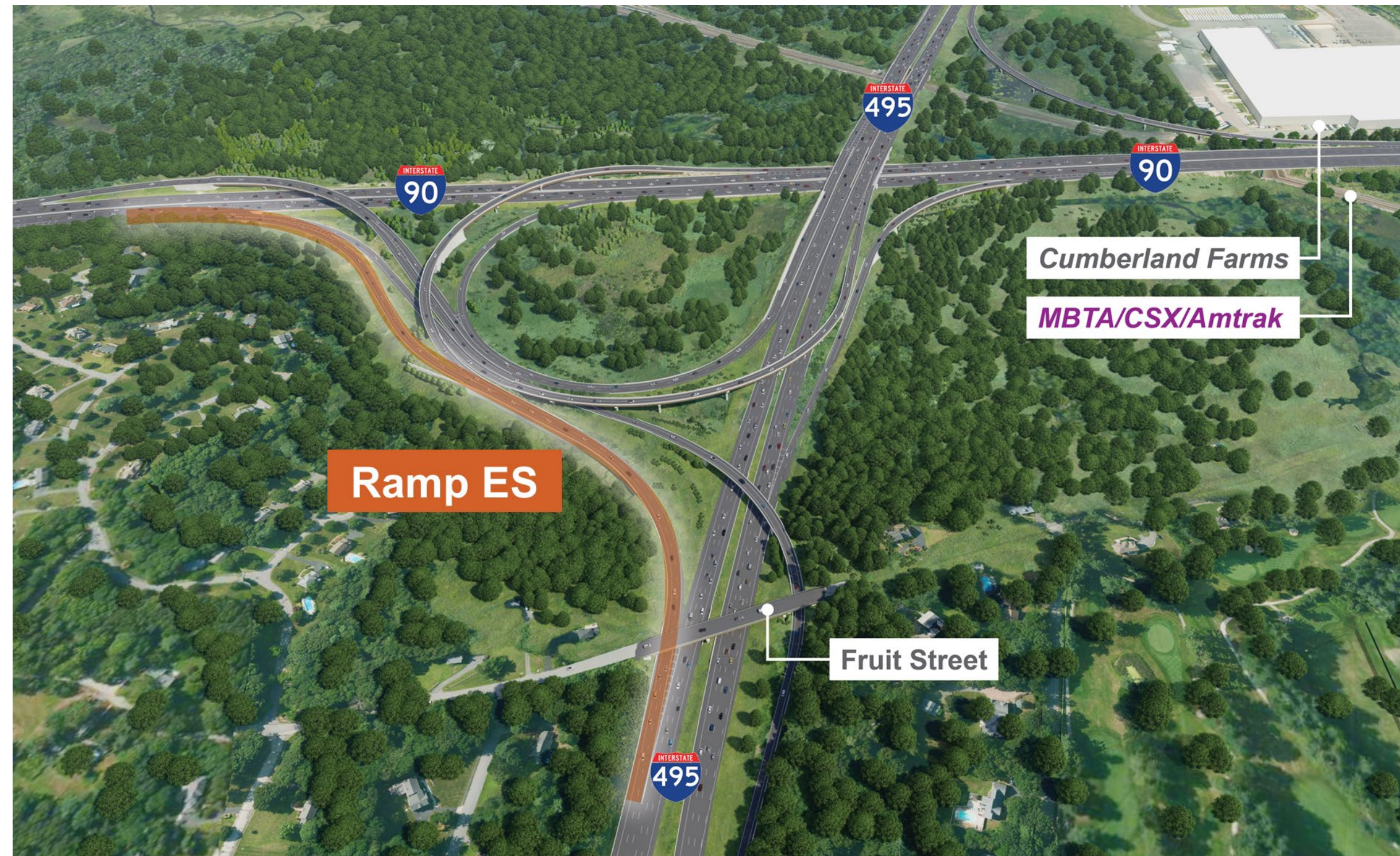
Project website

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Ramp ES Opening

FINAL CONDITION

- 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



Fruit Street

- Replacement of Fruit Street bridge over I-495
- Involves additional roadway, utility and landscaping features
- 2-way, 1-lane alternating traffic (under signal control) during major stages

UPCOMING—Summer 2024

- Traffic to be shifted to newly constructed section of bridge
- Remaining existing bridge to be demolished/final construction



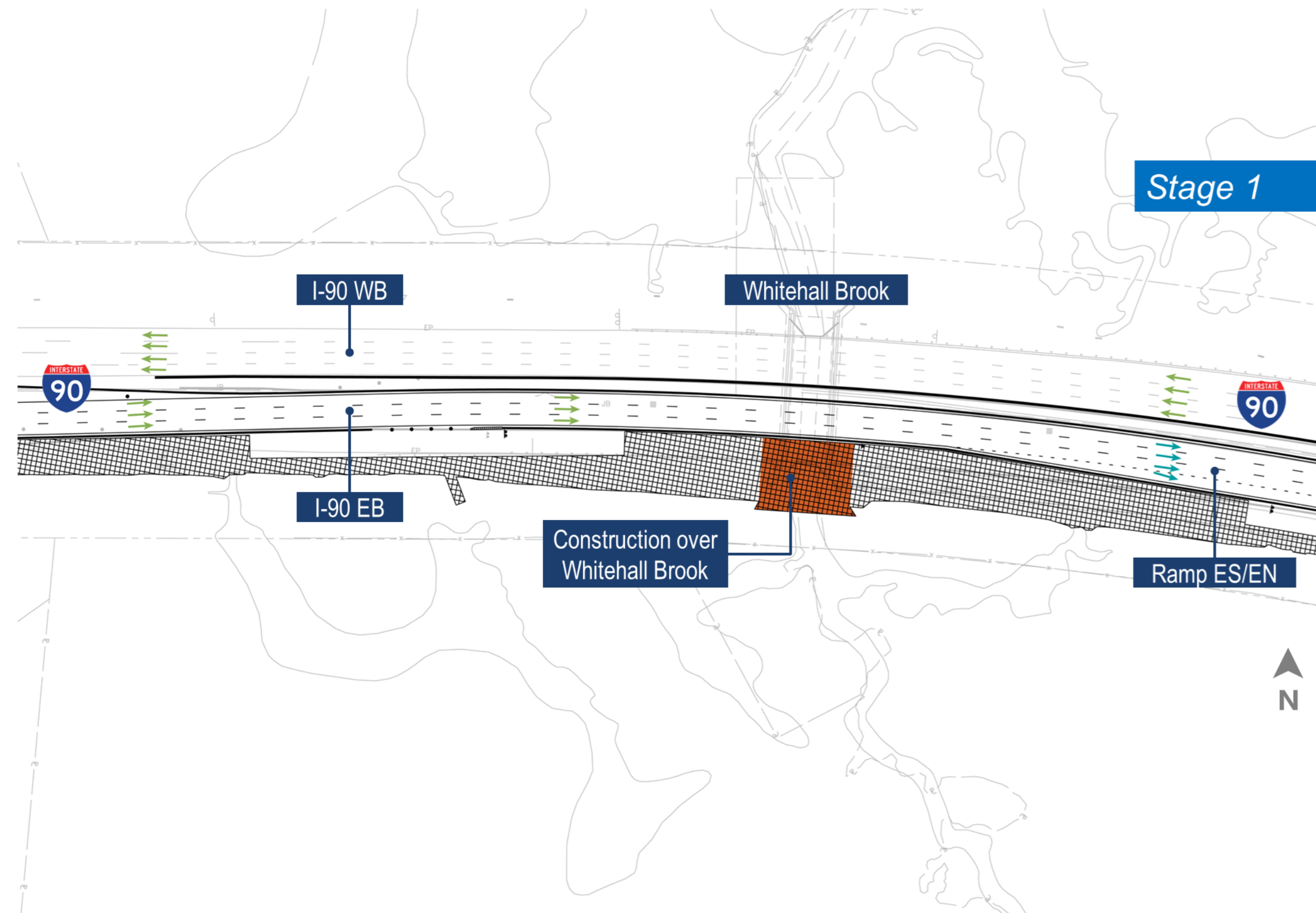
I-90 over Whitehall Brook

- 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 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
- **Stage 0/1 anticipated to commence—Spring/Summer 2024**



Project website

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



Outreach and Communication Plan

Public Outreach Schedule

Task	Date	Details
Legislative Briefing	October 26, 2022	Completed
495 Partnership Meeting	November 3, 2022	Completed
Public Meeting	November 16, 2022	Completed
Hopkinton North Woods Coalition Neighborhood Meeting	January 10, 2023	Completed
75% Design—Fruit Street/ Ramps ES, SE	January 25, 2023	Completed
75% Design—I-495 & Ramp WN	April 26, 2023	Completed
75% Design—I-90 & Remaining Ramps	September 27, 2023	Completed
Stakeholder Database	October 2022	Ongoing—to be updated continually throughout project—announced project to 1,200 property owners and invited them to sign up for emails
Project Emails	<ul style="list-style-type: none">• November 2022• December 2022• January 2023• Continuing monthly or as-needed	Emails will announce new construction information and future meetings
Project Website	<ul style="list-style-type: none">• Regular updates	Ongoing—to be updated continually throughout project

Thank You for Your Support

Public Notice Published:



MassDOT Facebook and X:



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MassDOT

City/Town Departments



Worcester RMV Service Branch



Thank You for Your Support

Central Massachusetts Planning Commission



Hopkinton Chamber of Commerce

Corridor 9 /495 Chamber of Commerce

495/Metro West Partnership



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

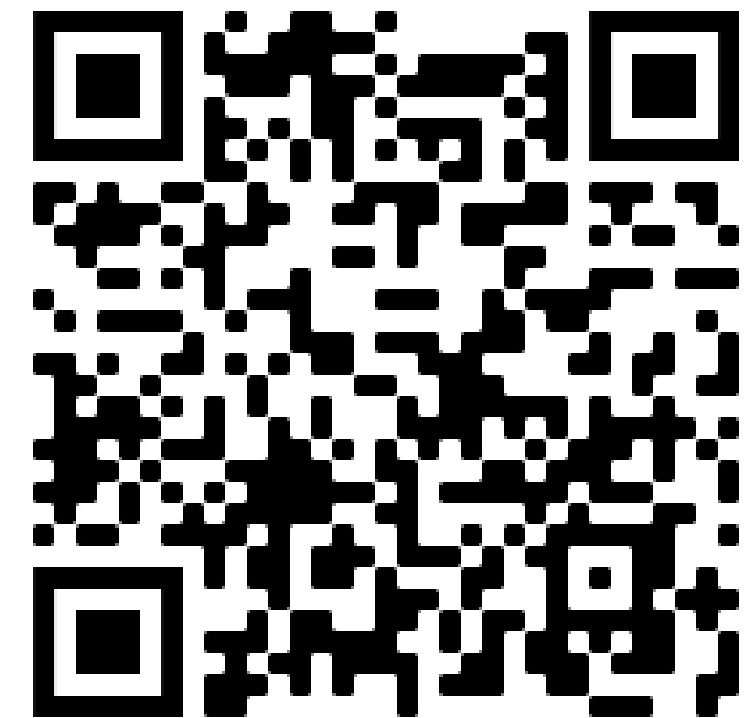
<https://www.mass.gov/i-495i-90-interchange-improvements>

Project email

495-90Improvements@state.ma.us

Social media

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





Questions and Discussion

Questions and Answers



- “Raise your hand” to be unmuted for verbal questions (Alt + Y)



- 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



- 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

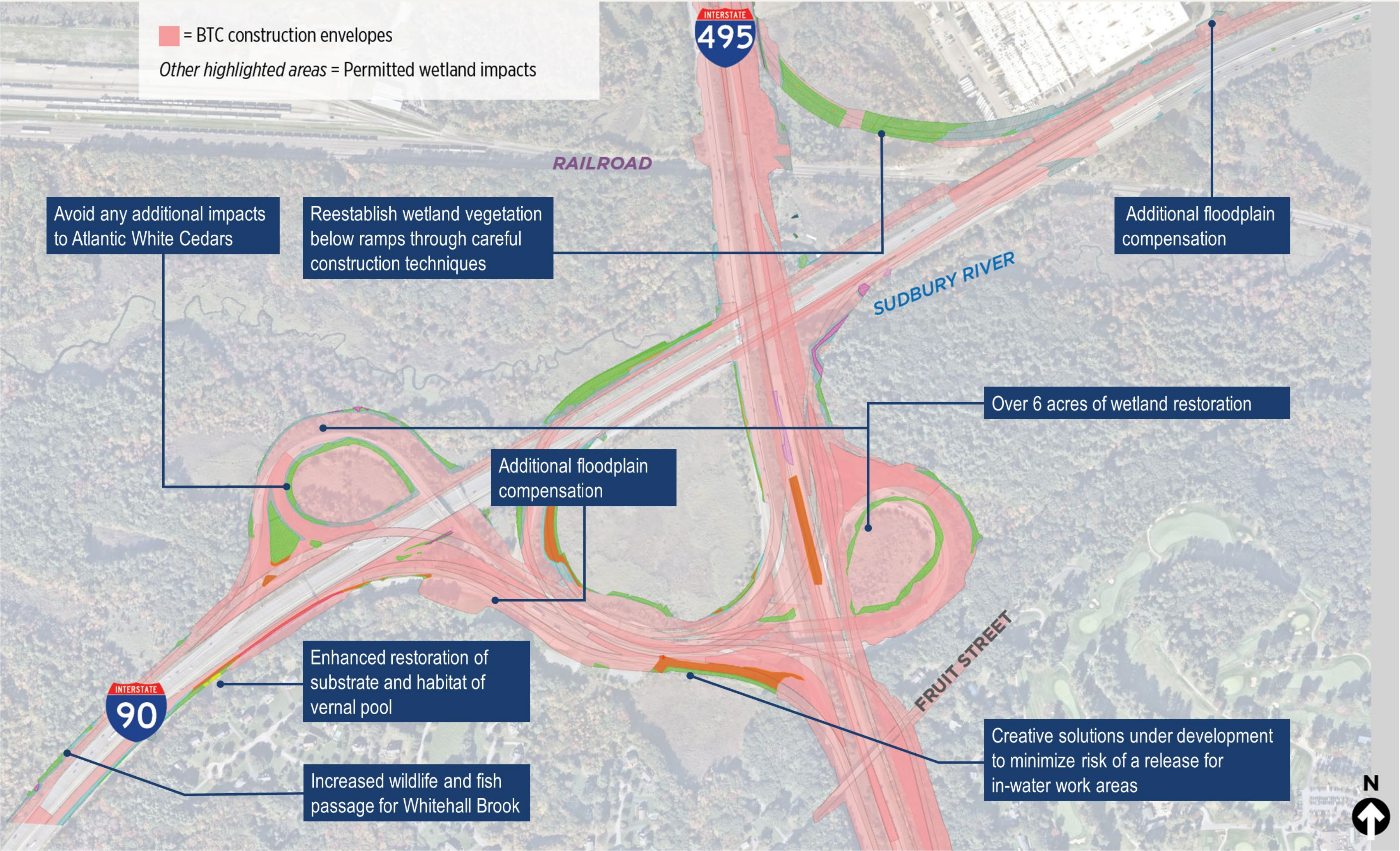
September 27, 2023
**Public Information Meeting
I-90 & Remaining Ramps**

Virtual Meeting

No. 607977-116673

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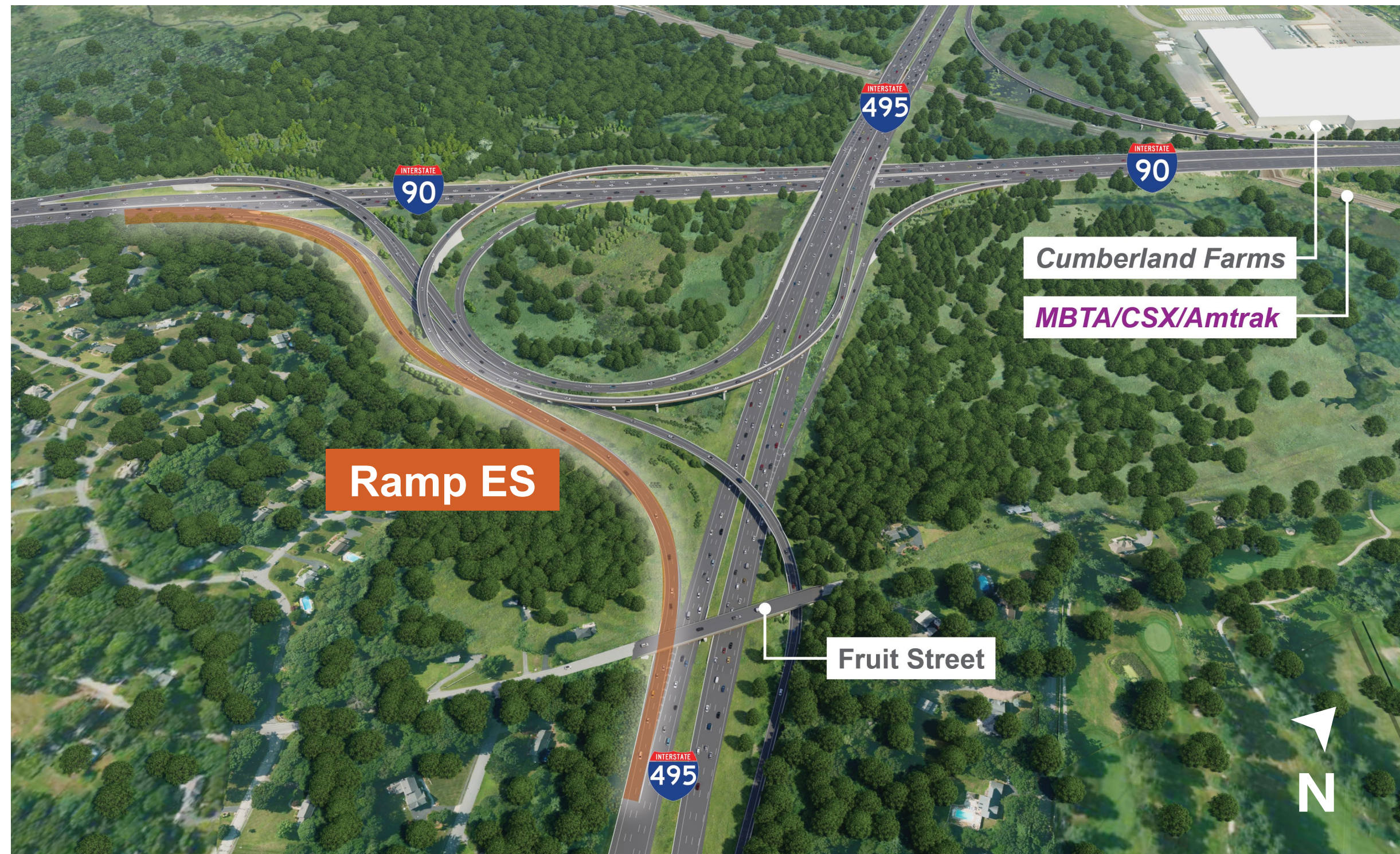
Noise Program: Hot Line 508-676-3551

- The Noise Control Plan (NCP) established baseline sound levels (Fall 2022).
- Quarterly noise monitoring will be conducted to ensure construction noise remains in compliance.
- Noise control mitigation measures to be used by the contractor include:
 - Temporary noise barriers or noise curtains
 - Limit use of loud and impact equipment to the daytime as feasible
 - Use of local power grid to reduce generator use
 - Use of self-adjusting backup alarms
 - Use of approved truck haul routes (I-90, I-495 and Route 9)



Ramp ES

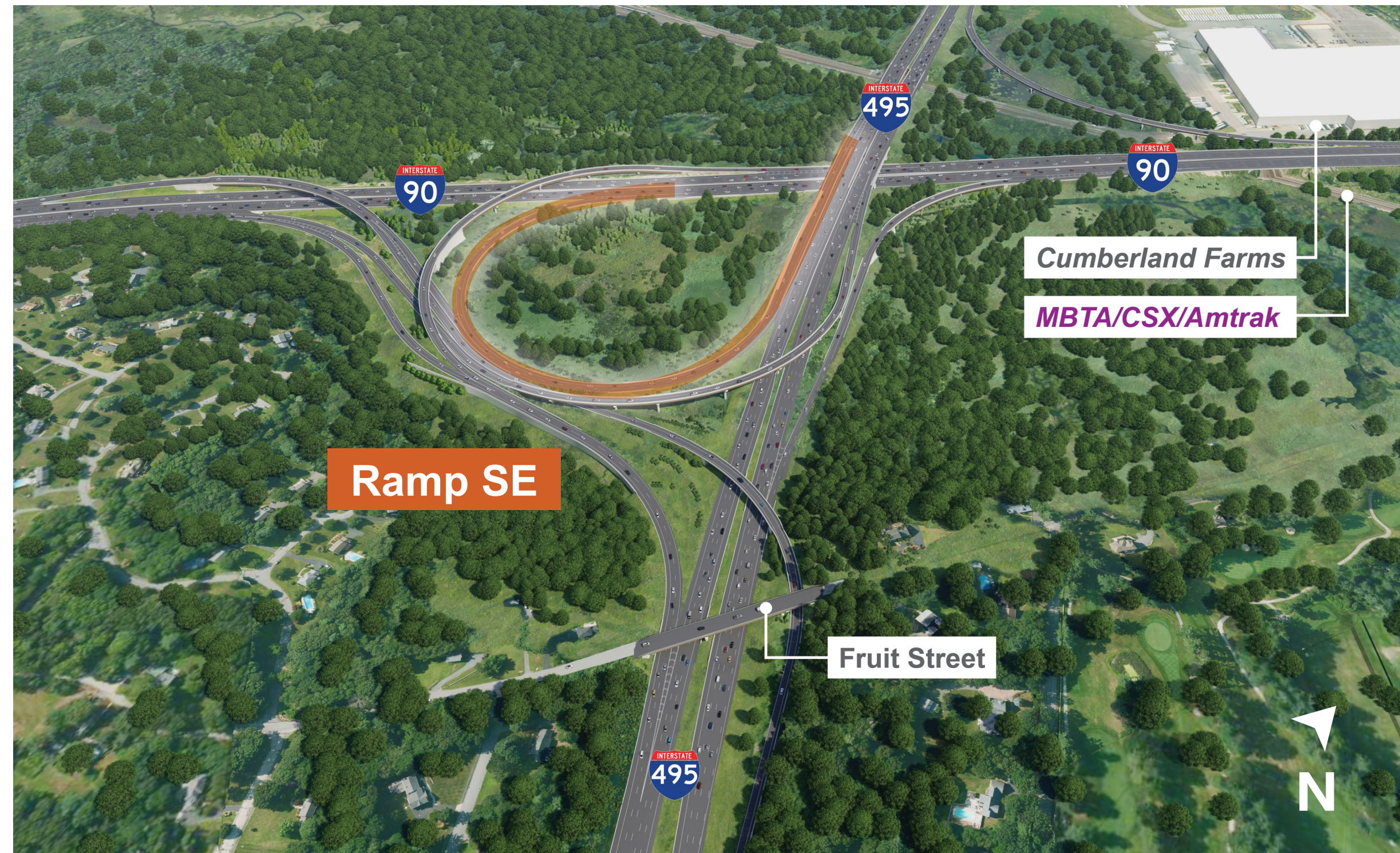
- New direct ramp provided between I-90 EB and I-495 SB
- Part of a 2-lane off-ramp from I-90 EB (splits to Ramp ES and Ramp EN)
- Combines with Ramp WS to provide 2-lane on-ramp to I-495 SB



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

Ramp SE

- New loop ramp from I-495 SB to I-90 EB
- Part of a 2-lane off-ramp (splits to Ramp SE and Ramp SW)
- Enter I-90 EB as a single lane on-ramp



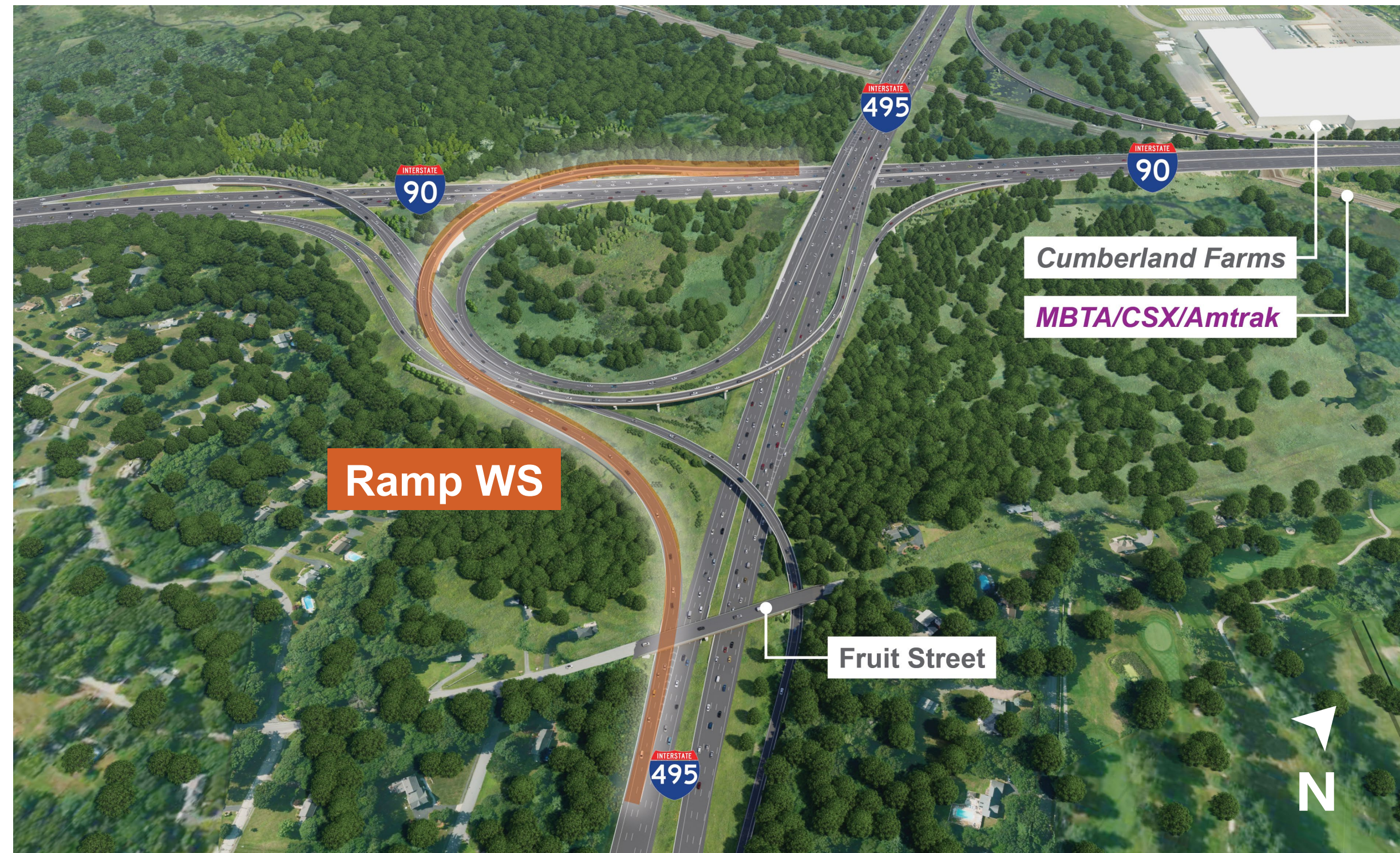
Ramp WN

- New direct ramp provided between I-90 WB and I-495 NB
- Single lane ramp
- Entrance to I-495 NB begins additional 4th lane NB to Route 9



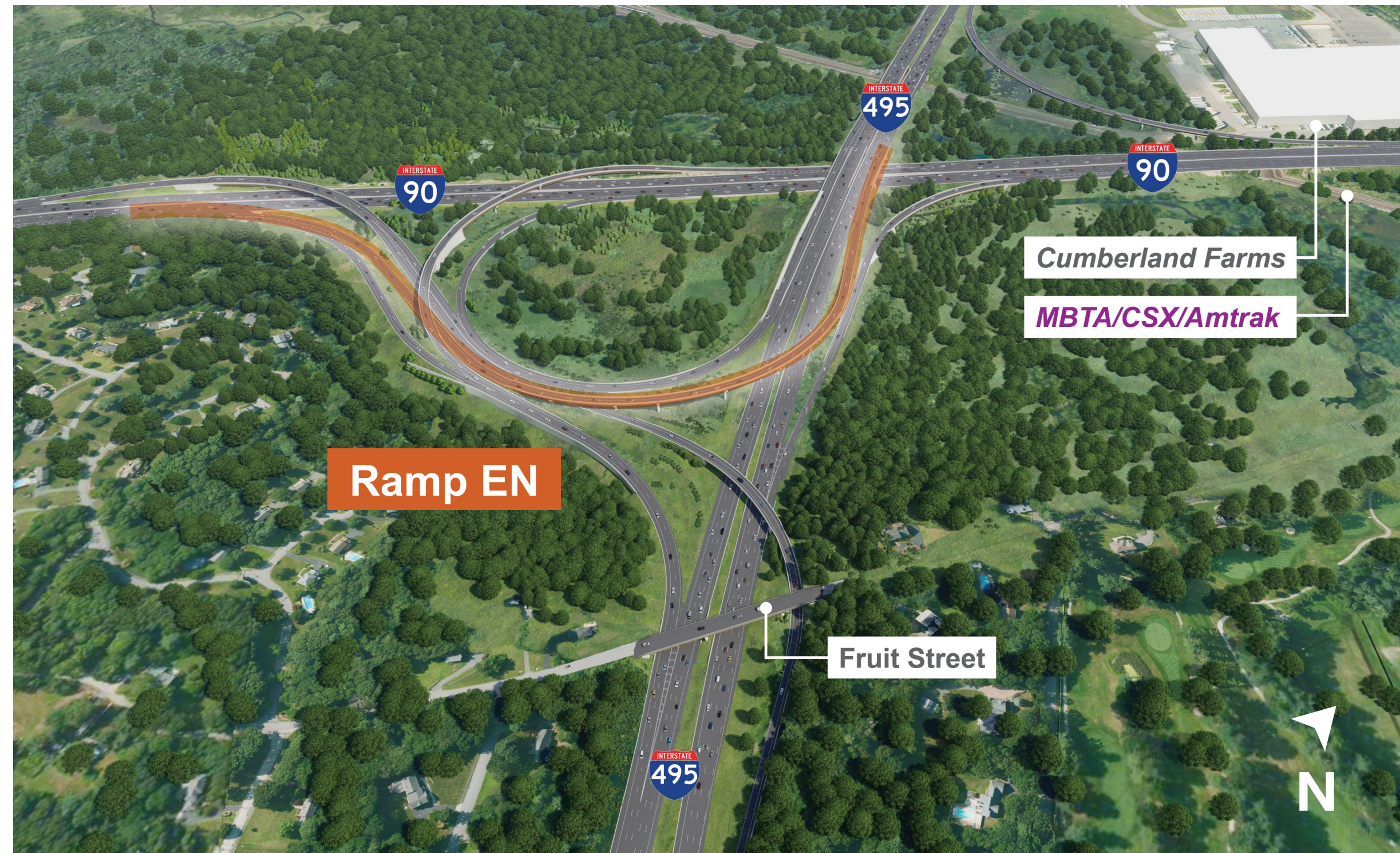
Ramp WS

- New semi-direct ramp provided between I-90 WB and I-495 SB
- Single lane off-ramp
- Combines with new Ramp ES to provide 2-lane on-ramp to I-495 SB



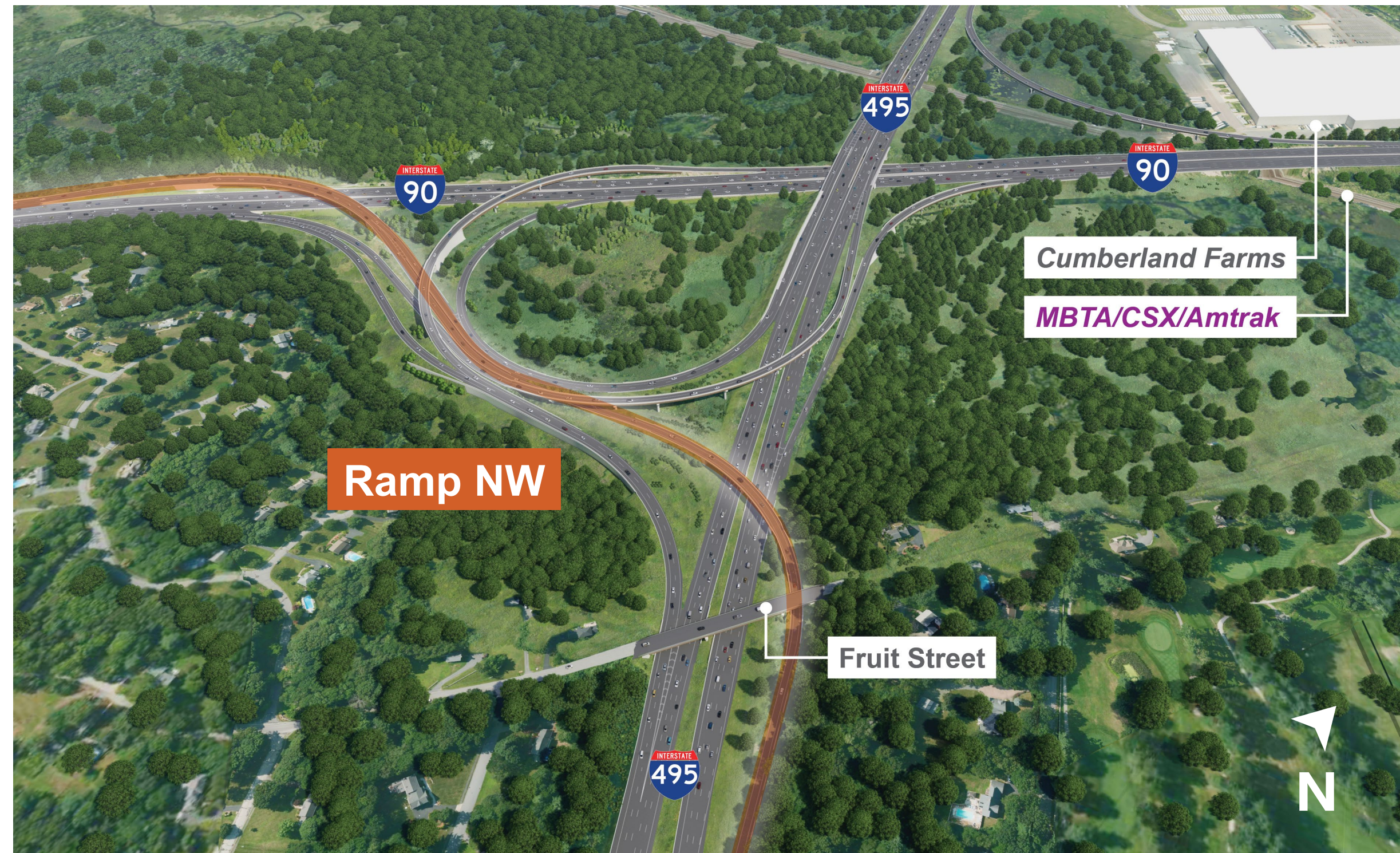
Ramp EN

- New semi-direct ramp provided between I-90 EB and I-495 NB
- Part of a 2-lane off-ramp (splits to Ramp EN and Ramp ES)
- Enters I-495 NB as a single lane on-ramp on the I-495 NB bridge over I-90



Ramp NW

- New semi-direct ramp provided between I-495 NB and I-90 WB
- Single lane off-ramp
- Combines with Ramp SW to provide a 2-lane on-ramp to I-90 WB



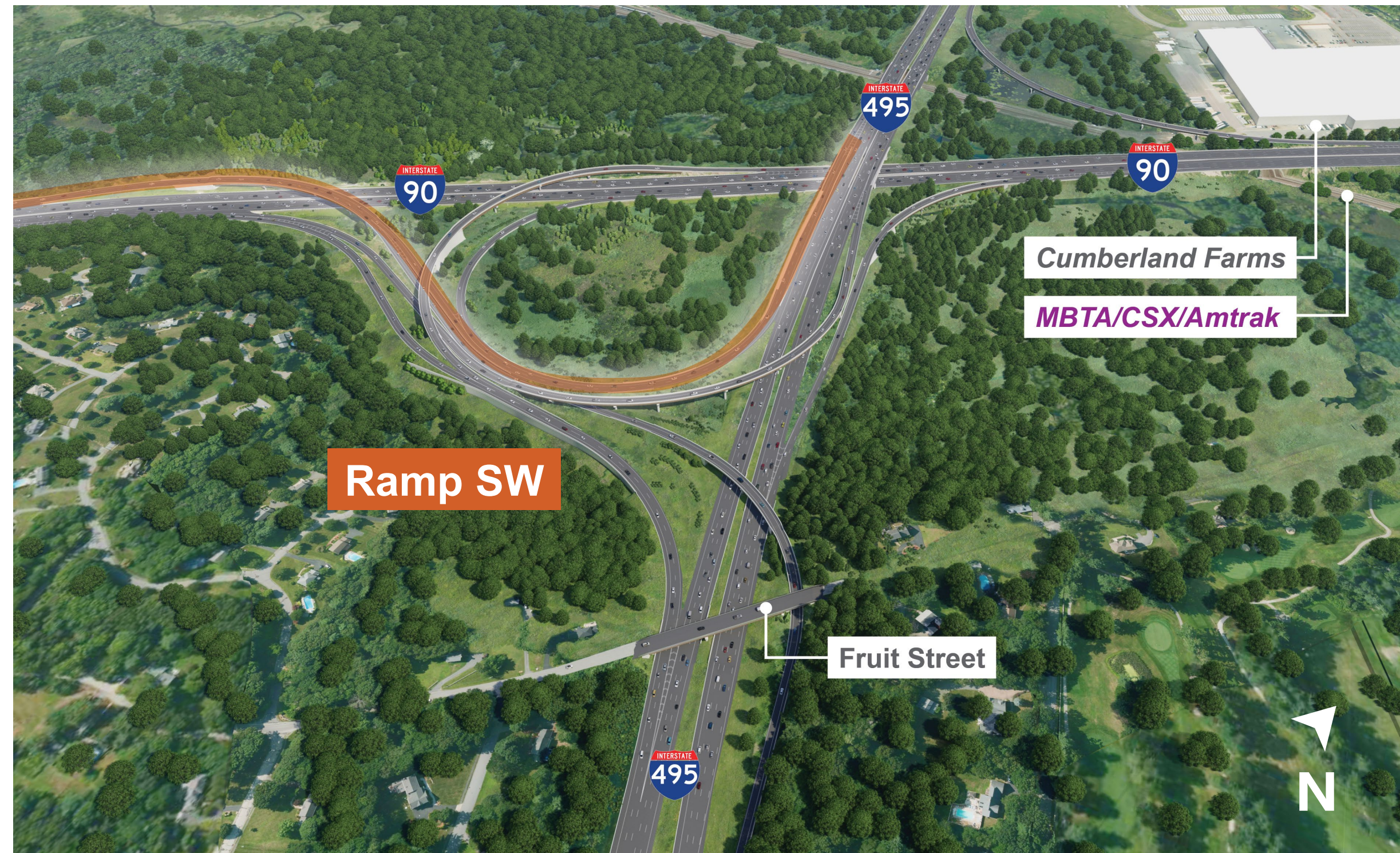
Ramp NE

- New direct ramp from I-495 NB to I-90 EB
- Single lane ramp
- Enters I-90 EB as a single lane on-ramp on the I-90 EB over the MBTA/CSX/Amtrak bridge



Ramp SW

- New semi-direct ramp from I-495 SB to I-90 WB
- Part of a 2-lane off-ramp (splits to Ramp SW and Ramp SE)
- Combines with Ramp NW to provide a 2-lane on-ramp to I-90 WB



Fruit Street

- Replacement of Fruit Street bridge over I-495
- Will be completed in 2 major stages
- 2-way, 1-lane alternating traffic (under signal control) during major stages
- Emergency vehicle pre-emption to be provided at signal
- Involves additional roadway, utility and landscaping features



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

