



Welcome

I-495 Andover-Lawrence Bridge Replacements

Public Information Meeting

Lawrence | April 8, 2024| 6:00PM

Andover | April 23, 2024| 6:00PM

Project File Number: 606522

Agenda

1. What do we want to accomplish?
2. How will we build this project?
3. How will roadway users be affected?
4. How will we keep you informed
5. Question & Discussion



Meeting Speakers

- **MassDOT**
 - Dan Fielding
 - Frank Welch
 - Joseph Stasio
 - Peter Tramontozzi
- **Design/Build Team**
 - Eric Maki, WSP
 - Tim O'Toole, Middlesex
 - Nathaniel Cabral-Curtis, WSP
 - Rich Lenox, WSP

Language Translation Speakers

- **Spanish**
 - Jenny Carceres
- **Vietnamese**
 - P. Son

Notice of MassDOT's policy on diversity and civil rights:

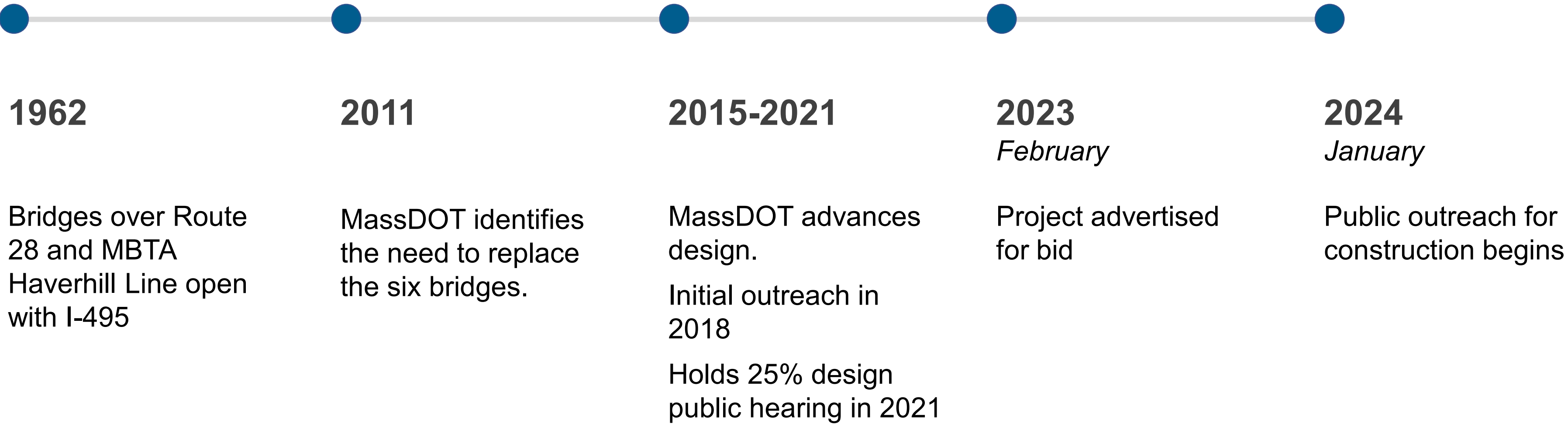
- All MassDOT activities, including public meetings, are free of discrimination.
- MassDOT complies with all federal and state civil rights requirements preventing discrimination based on sex, race, color, ancestry, national origin (limited English proficiency), religion, creed, gender, sexual orientation, 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!

How to Participate

- Listen and view the 30-minute presentation
- Ask questions to project team during question-and-answer period
- Submit comments into the comment box at the sign-in table
- Representatives of the media can direct media inquiries to Jacquelyn.Goddard@dot.state.ma.us

How did we get here?



Public Information Meeting - Advertisement

MassDOT Email Burst

- Save-the-Date mass e-mail – 3/25/24
- Reminder mass e-mail – 4/2/24, 4/18/24, 4/22/24



Mass Media

- Andover Townsman – 3/28/24, 4/4/24, 4/11/24 and 4/18/24
- Lawrence Eagle-Tribune – 3/24/24, 3/27/24, 4/1/24 and 4/17/24
- Rumbo (Spanish) – 3/22/24, 4/1/24 and 4/15/24
- AndoverTV – 3/22/24 to 4/23/24
- Lawrence Community Access – 3/22/24 to 4/23/24
- Lawrence Educational Television Channel – 3/22/24 to 4/23/24
- WHAV FM – PM drive time advertisements weeks of 4/1/24 and 4/15/24




Social Media

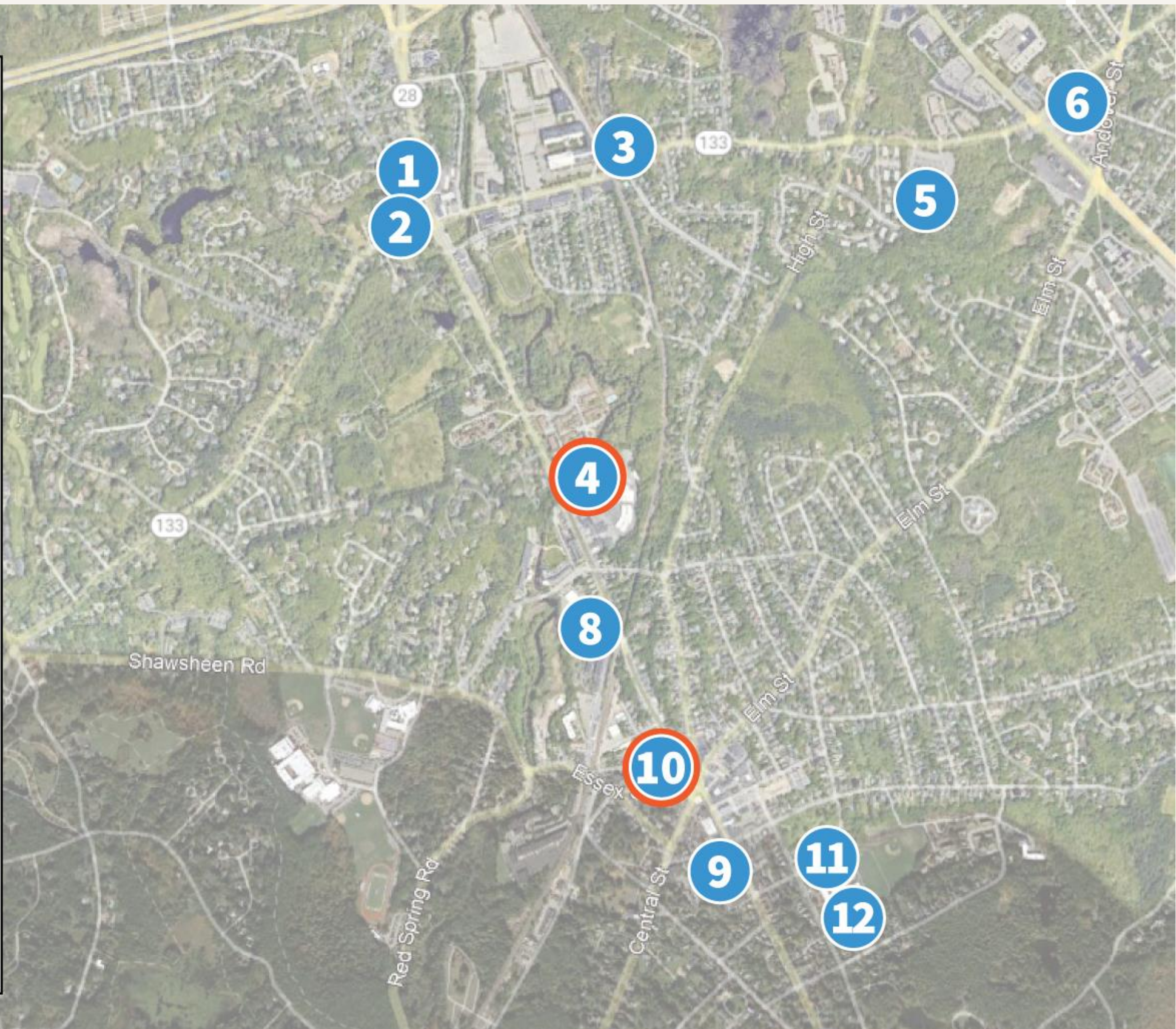
- Facebook
- Twitter



- 1. Minuteman Press
- 2. Shawsheen Luncheonette
- 3. Mr. Takeout Grille & Deli
- 4. Stop and Shop
- 5. Andover/North Andover YMCA
- 6. Panera Bread
- 7. Mobil Gas
- 8. Whole Foods
- 9. Cafe Nero
- 10. Memorial Hall Library
- 11. Andover Town Hall
- 12. Robb Senior Center


 Denotes location with staffed tables

* Flyers dropped at 195 homes surrounding the interchange in Andover and Lawrence.

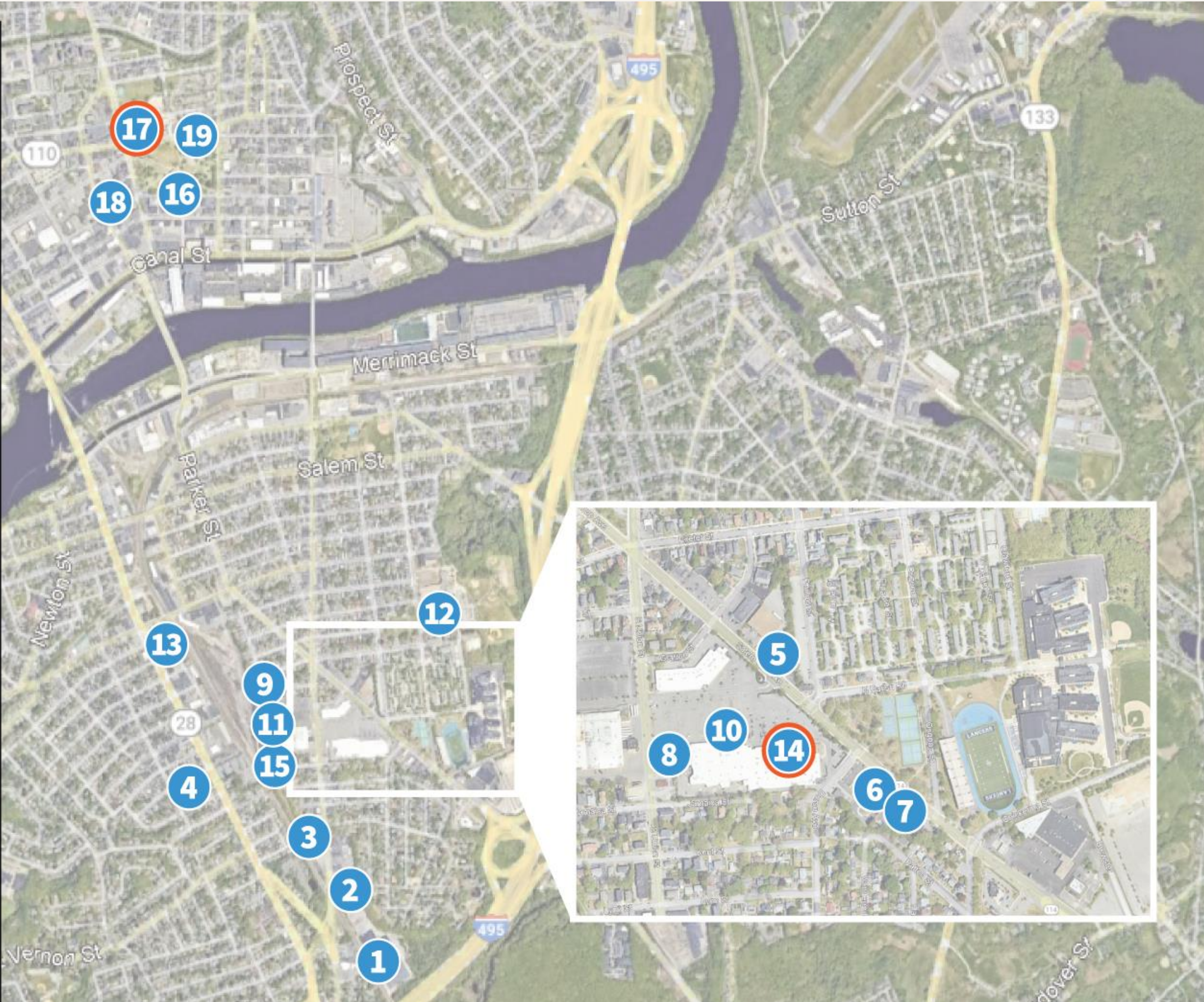


Flyer Drops & Staffed Tables: Andover

- 1. Maaco Autobody Shop & Painting
- 2. Valley Forum Ice Arena
- 3. Shin Shin Oriental Grocery Store
- 4. J&M Market
- 5. Popeye’s Louisiana Kitchen
- 6. Wendy’s
- 7. Dunkin Donuts
- 8. KFC
- 9. Social Security Administration
- 10. Massachusetts Registry of Motor Vehicles
- 11. Merrimack Valley Immigrant Education
- 12. Lt. Colonel Edward J. Higgins Swimming Pool (Summer only)
- 13. Walgreens
- 14. America’s Food Basket
- 15. Fidelity House CRC
- 16. Lawrence City Hall
- 17. Lawrence Public Library
- 18. Merrimack Valley YMCA
- 19. Lawrence Senior Center

 Denotes location with staffed tables

* Flyers dropped at 195 homes surrounding the interchange in Andover and Lawrence.



Flyer Drops & Staffed Tables: Lawrence

Thank You To Those Who Shared Our Flyers

State and Municipal:

- State Delegations for Andover and Lawrence
- Registry of Motor Vehicles
- Offices of Mayor Pena and Mayor Perry
- Office of Manager Flanagan
- City Councils of Methuen and Lawrence
- Select Board of Andover
- Andover, Lawrence, and Methuen School Departments
- Andover, Lawrence, and Methuen Disability, Elder, and Veterans' Services Departments
- Area healthcare providers and social services organizations
- Merrimack Valley Chamber of Commerce

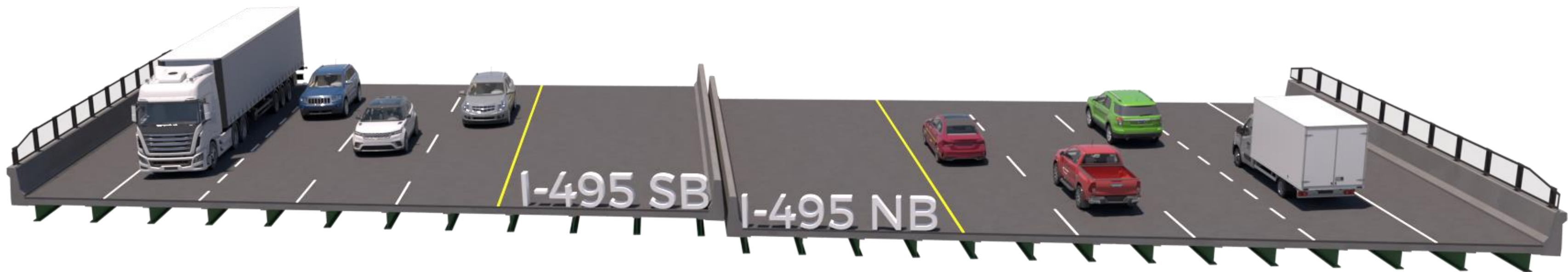




**What do we
want to
accomplish?**

Improved Conditions for All Modes

- Provide six, new bridges with fewer joints and supports
 - Fewer impacts to the traveling public from maintenance activities
- Provide safer acceleration/deceleration/merging between I-495/Route 28 and I-495/Route 114
- Bicycle and pedestrian improvements for Route 28





**What is the
construction
approach?**

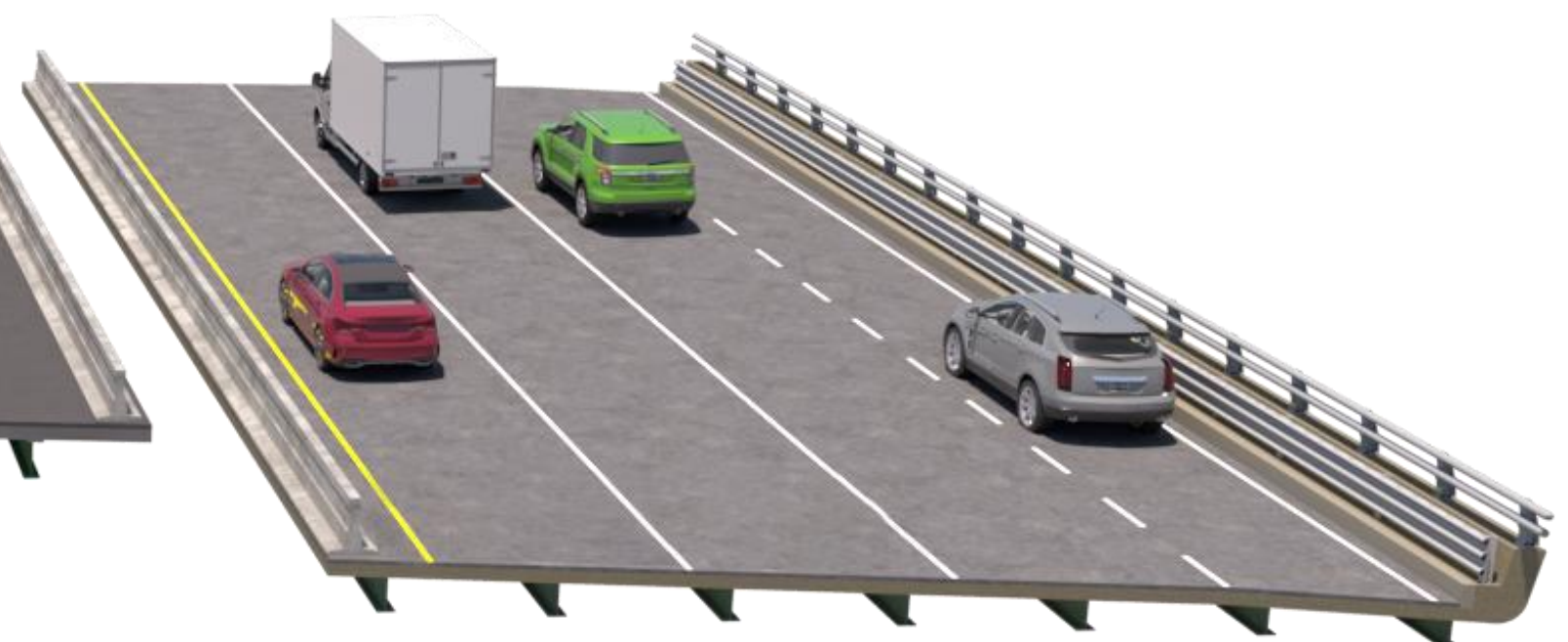
Construction Approach: Design-Build

- Middlesex-WSP design-build team:
 - Currently completing Chappell Engineering Associate's base technical concept (BTC)
 - Preparing to advance construction
- Design-build innovation for this project:
 - More typical work zone on I-495 during construction

I-495 SB



I-495 NB





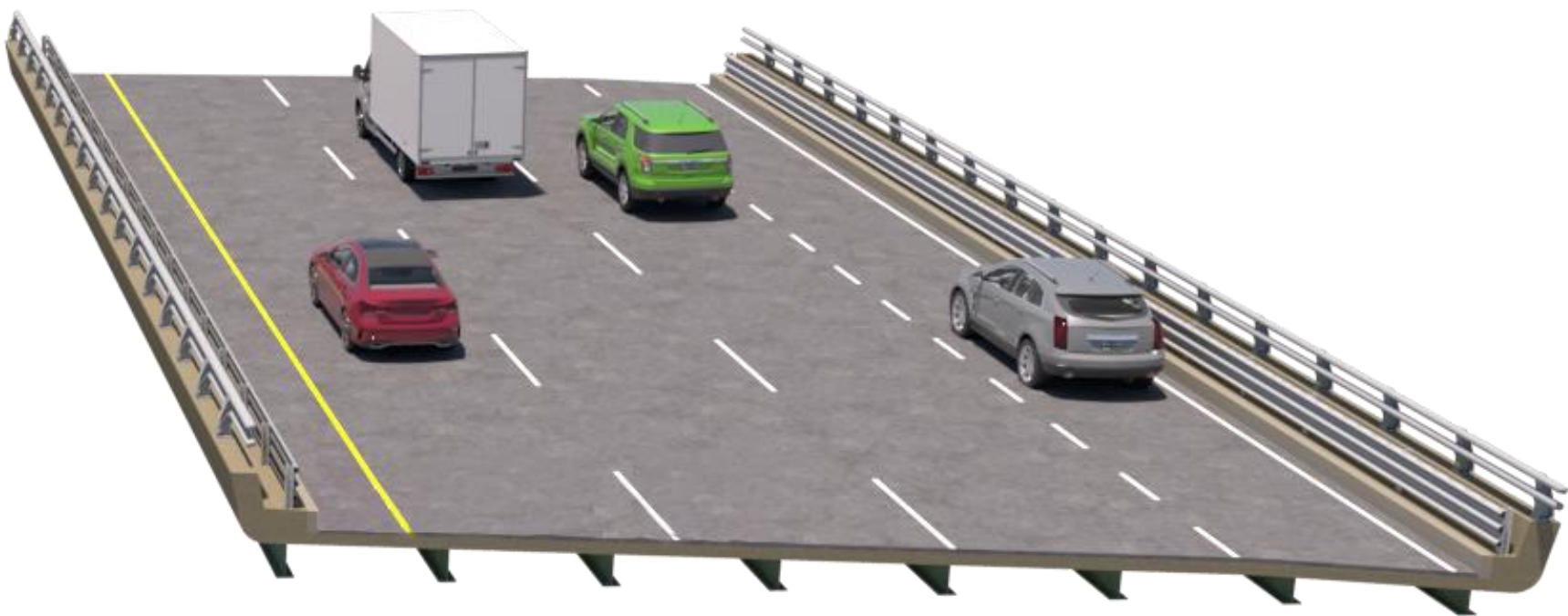
**How will the
road user be
affected?**

Existing Conditions - Today

I-495 SB



I-495 NB



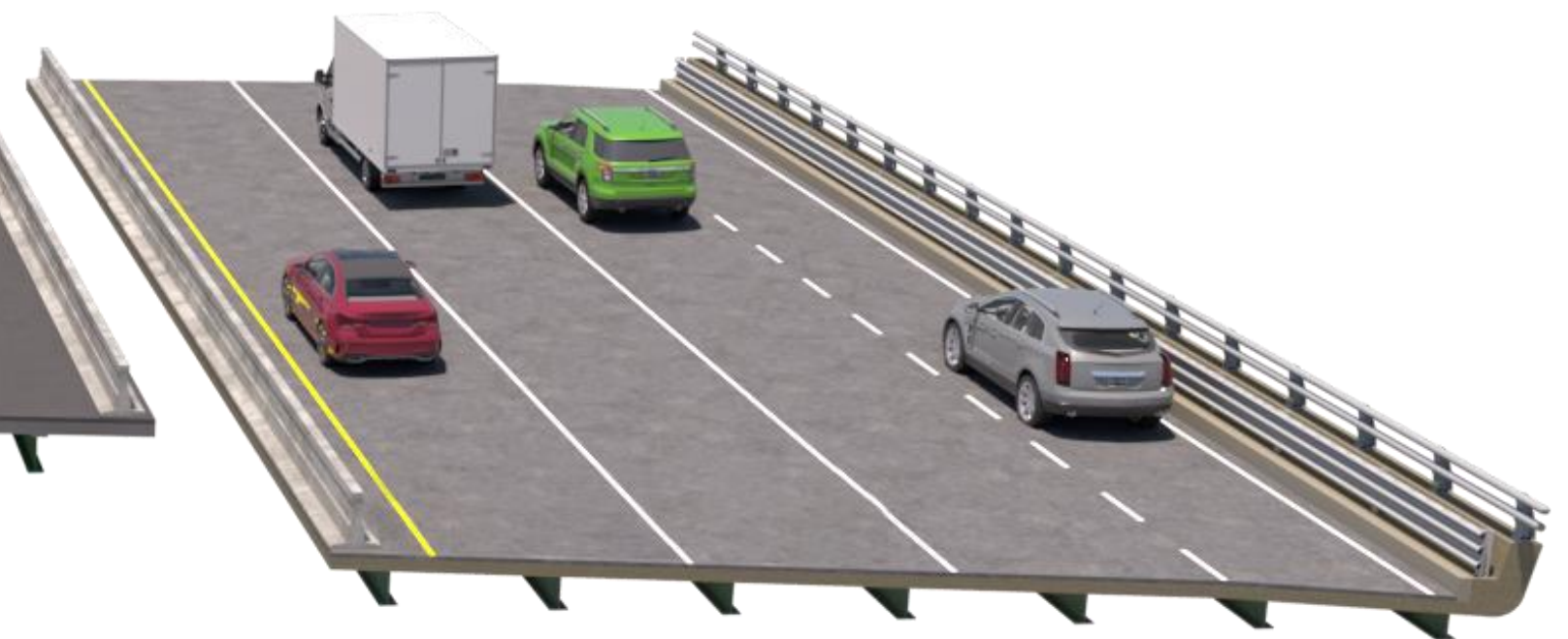
Stage 1: Summer 2024-Fall 2025

- Work in the median to create the space for future lane shifts

I-495 SB



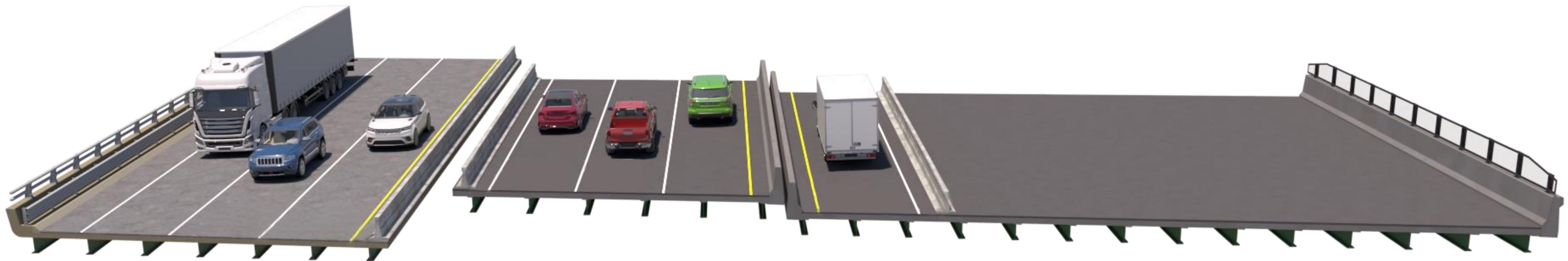
I-495 NB



Stage 2: Fall 2025-Fall 2026

- Northbound lanes shifted into the median
- New northbound bridges built

I-495 SB I-495 NB Ramp E

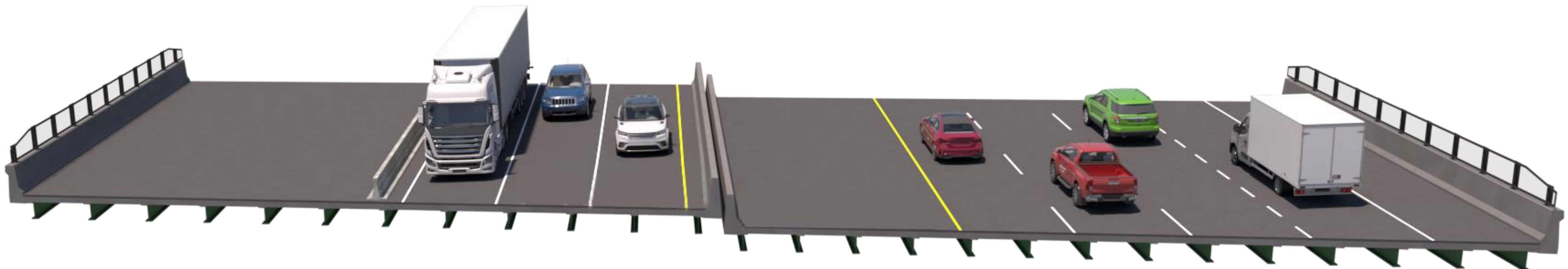


Stage 3: Fall 2026-Summer 2027

- Northbound lanes shifted to new northbound bridges
- Southbound lanes shifted into the median
- New southbound bridges built
- Widened sidewalks and bicycle lanes open on Route 28

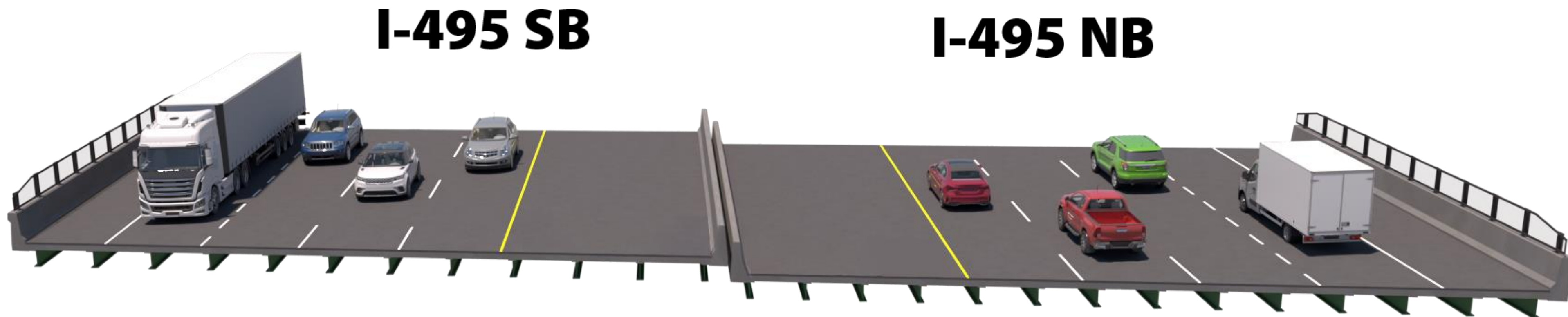
I-495 SB

I-495 NB



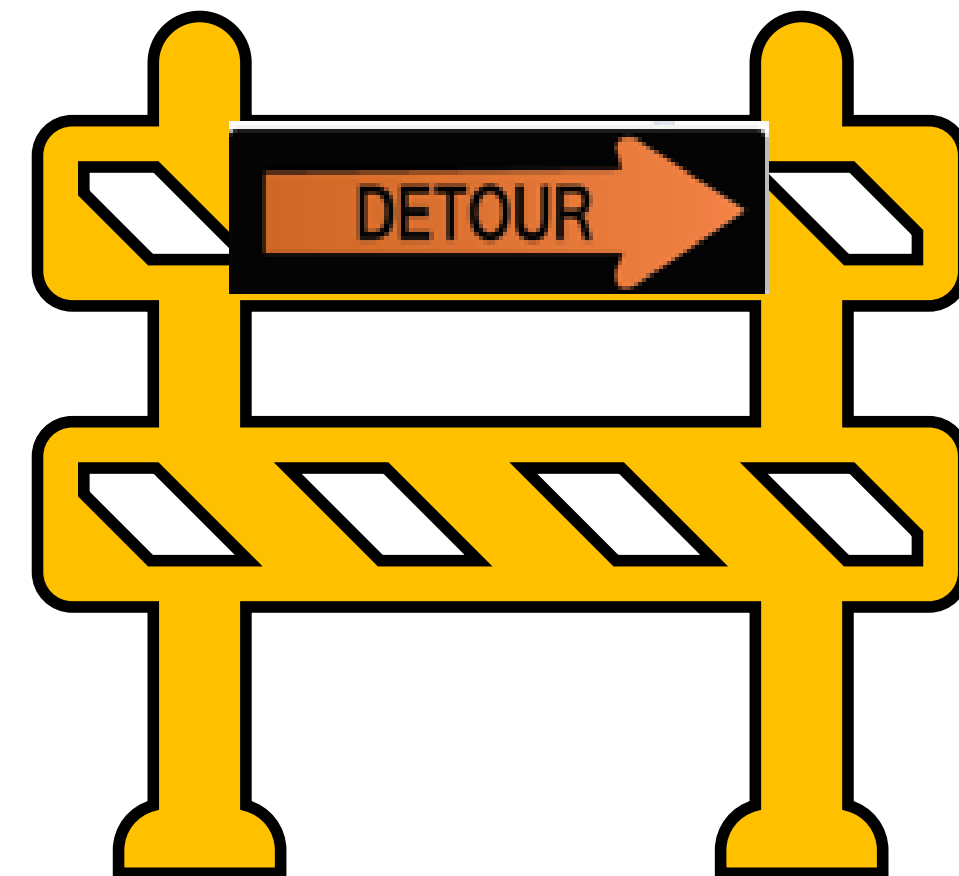
Stage 4: Summer- Fall 2027

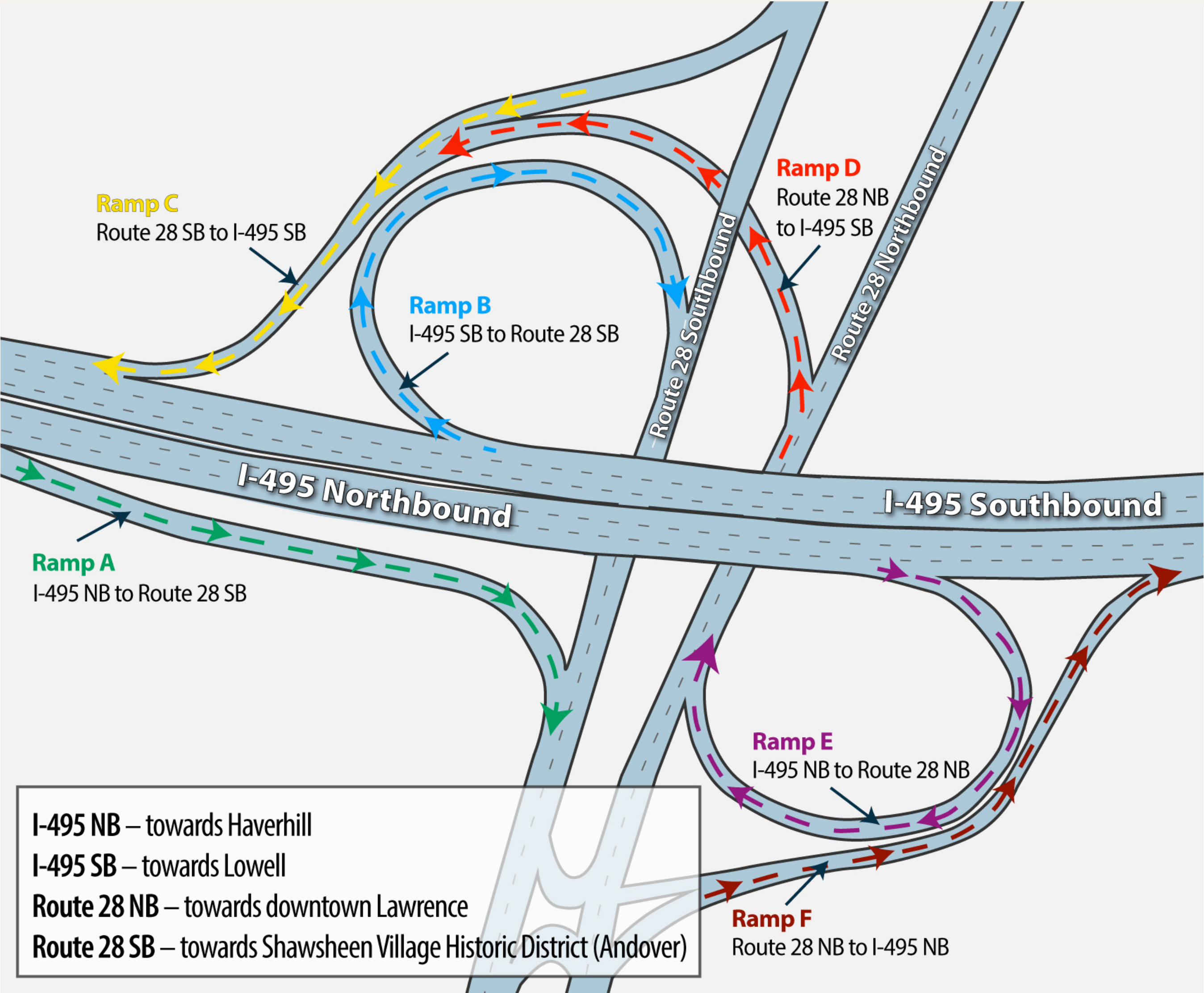
- Traffic aligned to final positions
- Improved shoulders, merging lanes, and exiting lanes



Traffic Changes

- I-495 and Route 28 Lane Closures:
 - Only implemented during off-peak hours
 - Lane reductions on I-495
 - Closures of Rte. 28 – one direction at a time
- Detours:
 - All detours are short-term, nighttime only
 - All detours shown will be used at some point in all stages.
 - Allow safe work over Route 28 and/or adjustment of ramps
 - Use larger roads to keep traffic off smaller, residential streets







I-495 NB – towards Haverhill
I-495 SB – towards Lowell
Route 28 NB – towards downtown Lawrence
Route 28 SB – towards Shawsheen Village Historic District (Andover)


Closure of MA 28 South and I-495 SB Off-ramp "B"


This detour would primarily be used during bridge demolition activities and bridge beam erection over Route 28 SB

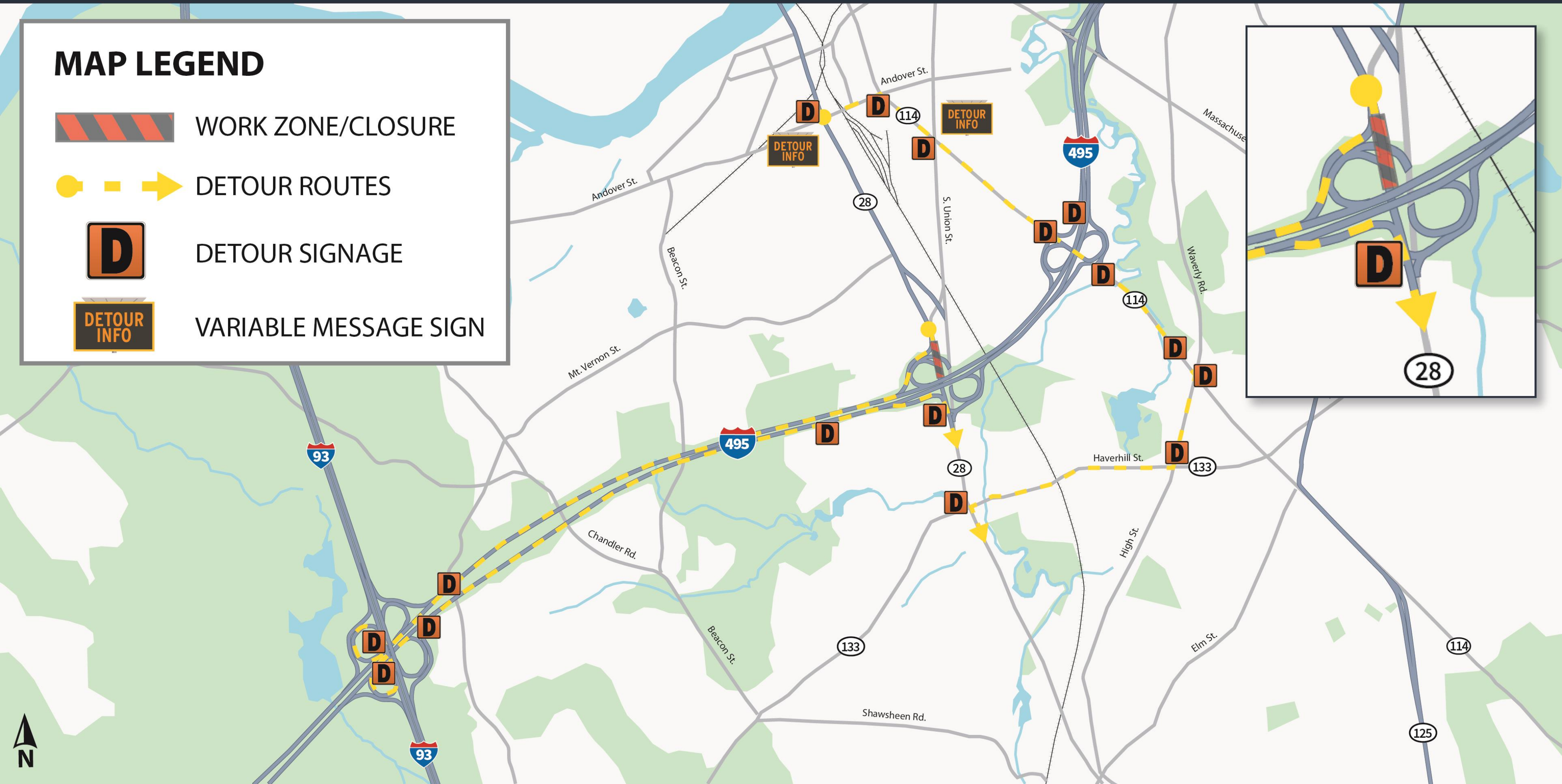
MAP LEGEND

 WORK ZONE/CLOSURE

 DETOUR ROUTES

 DETOUR SIGNAGE


 VARIABLE MESSAGE SIGN





Closure of MA 28 North and I-495 Ramps "D" and "E"


This detour would primarily be used during bridge demolition activities and bridge beam erection over Route 28 NB


MAP LEGEND

 WORK ZONE/CLOSURE

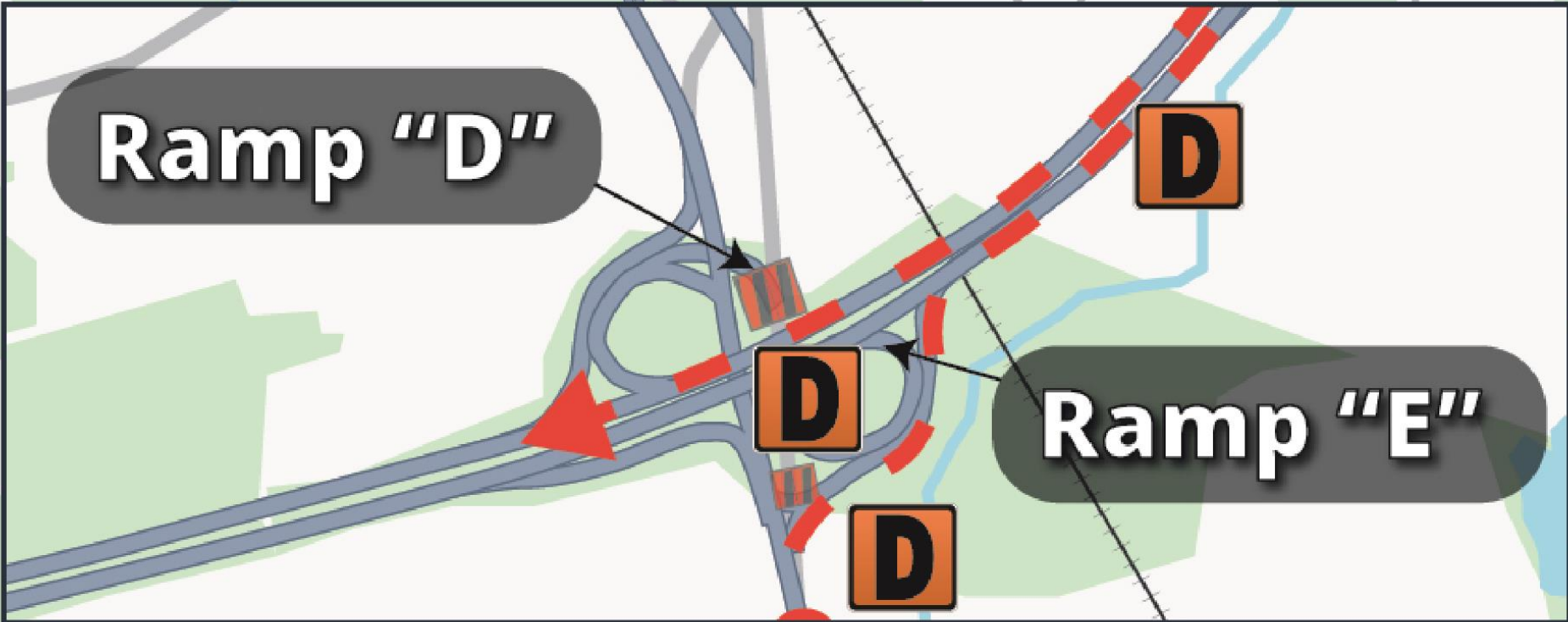
 DETOUR ROUTES

 DETOUR ROUTES

 DETOUR SIGNAGE

 VARIABLE MESSAGE SIGN

Ramp "D"







Ramp "E"

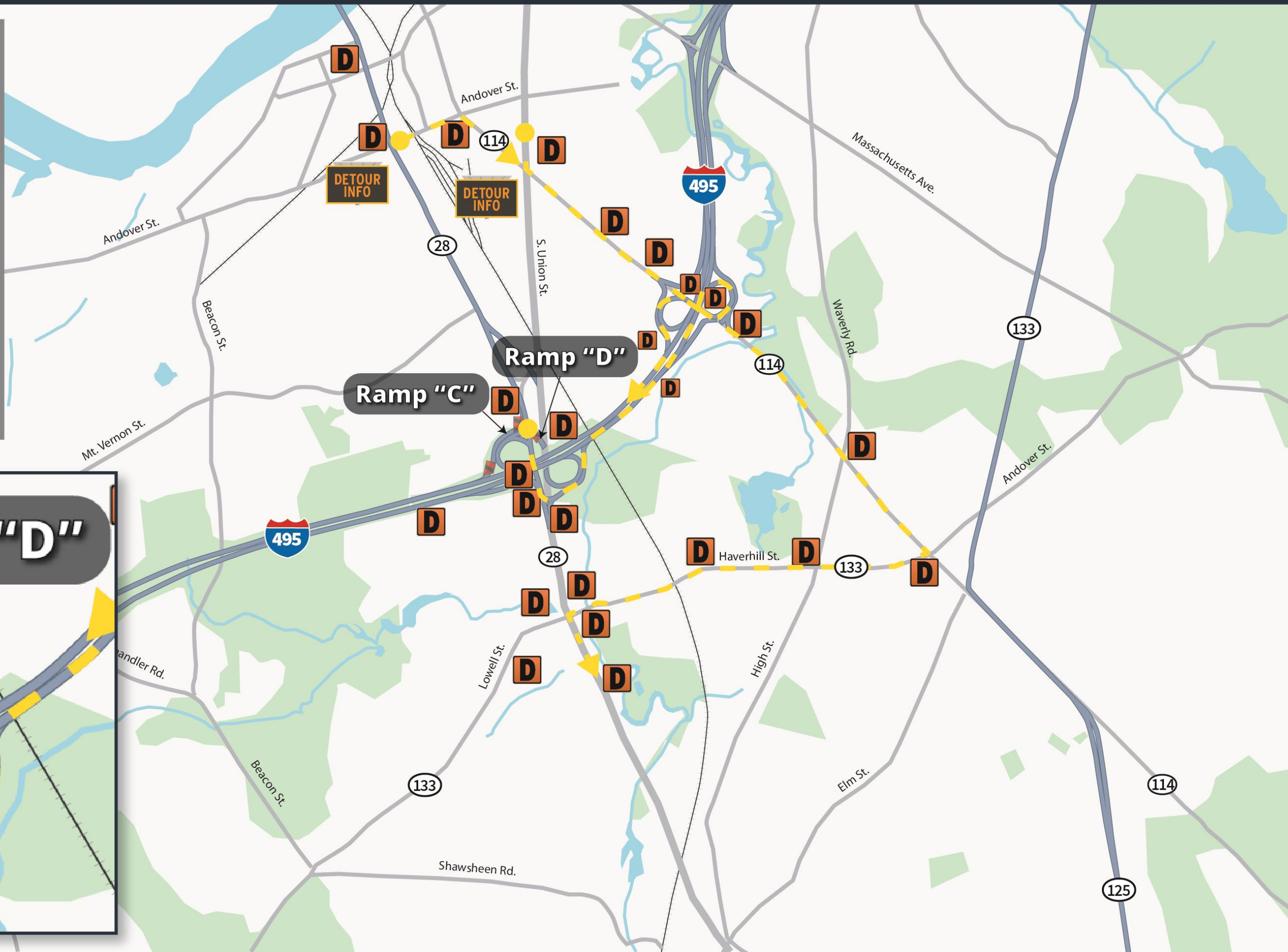
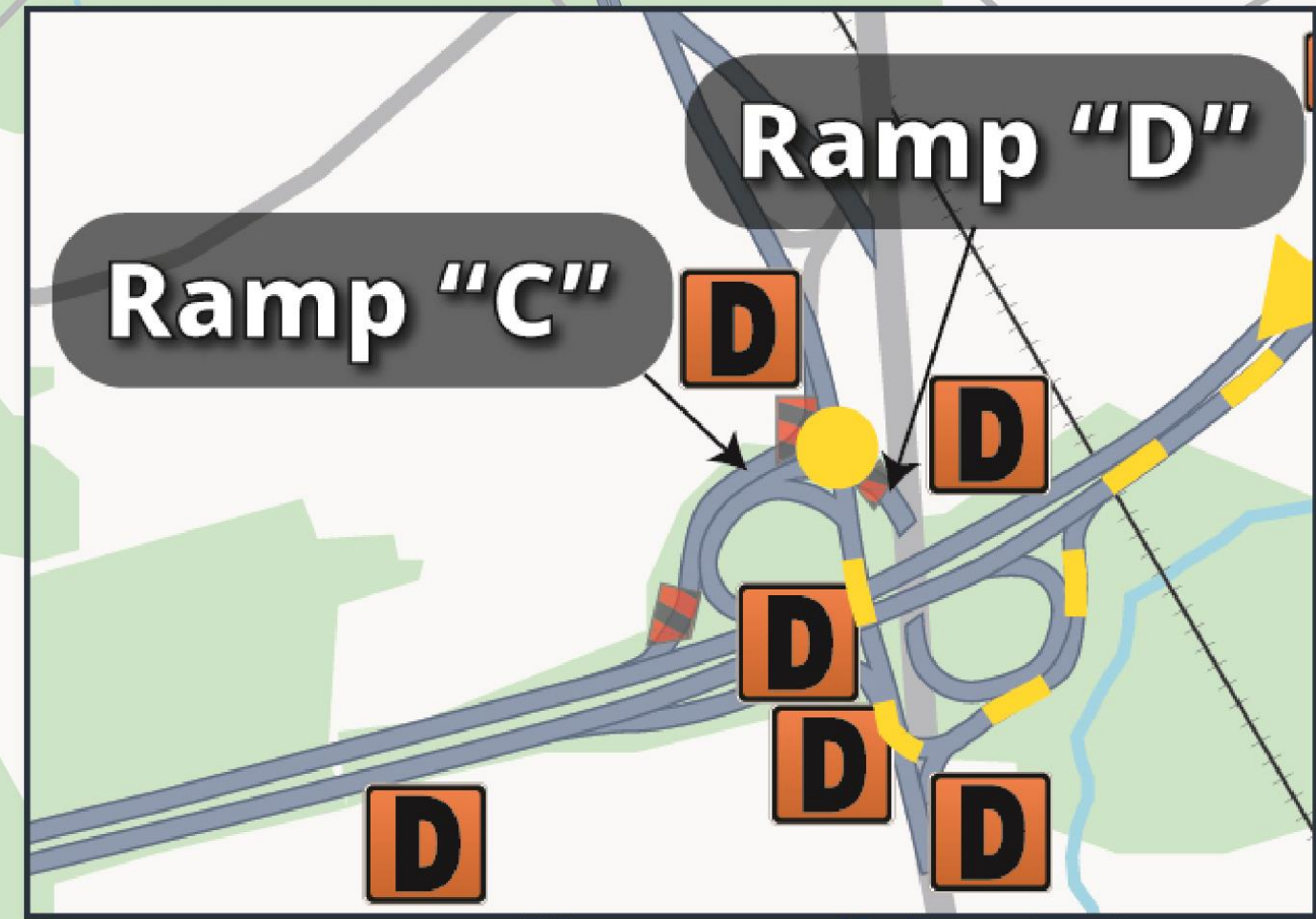


Closure of I-495 SB on ramp "C" and "D"

This detour would be used for drainage and lighting installations across ramps "C" and "D"

MAP LEGEND




-  WORK ZONE/CLOSURE
-  DETOUR ROUTES
-  DETOUR SIGNAGE
-  VARIABLE MESSAGE SIGN



Closure of I-495 NB Off-ramp "E"

This detour would be used for drainage and lighting installations across ramp "E" and when making transition of traffic control between stages

MAP LEGEND





-  WORK ZONE/CLOSURE
-  DETOUR ROUTES
-  DETOUR SIGNAGE



Closure of I-495 NB On-ramp "F"

This detour would be used for drainage and lighting installations across ramp "F" and when making transition of traffic control between stages

MAP LEGEND

-  WORK ZONE/CLOSURE
-  DETOUR ROUTES
-  DETOUR SIGNAGE
-  VARIABLE MESSAGE SIGN



Reversal of South Union Street

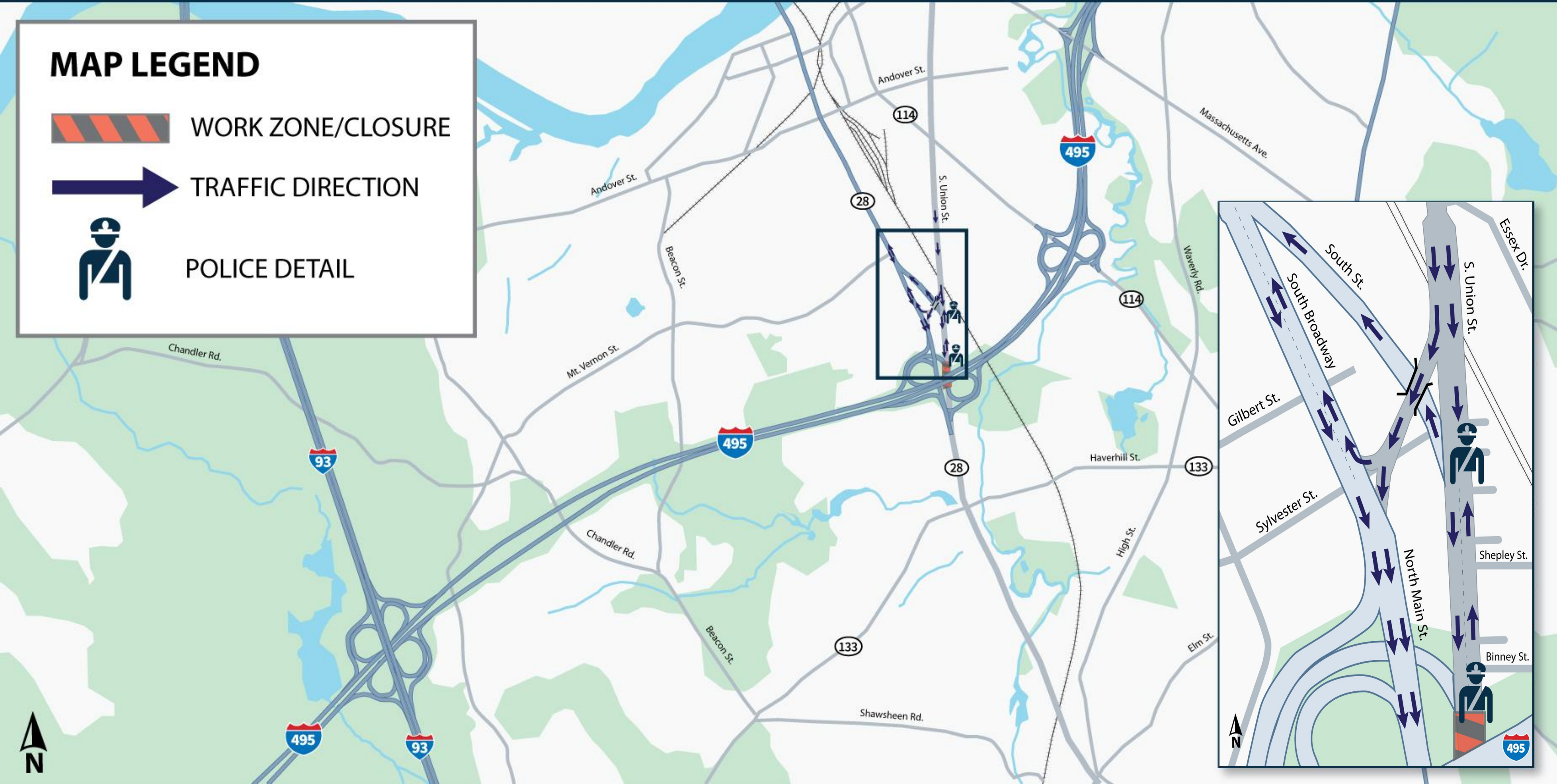
This detour would be used to provide local access during closure of Route 28 NB

MAP LEGEND

 WORK ZONE/CLOSURE

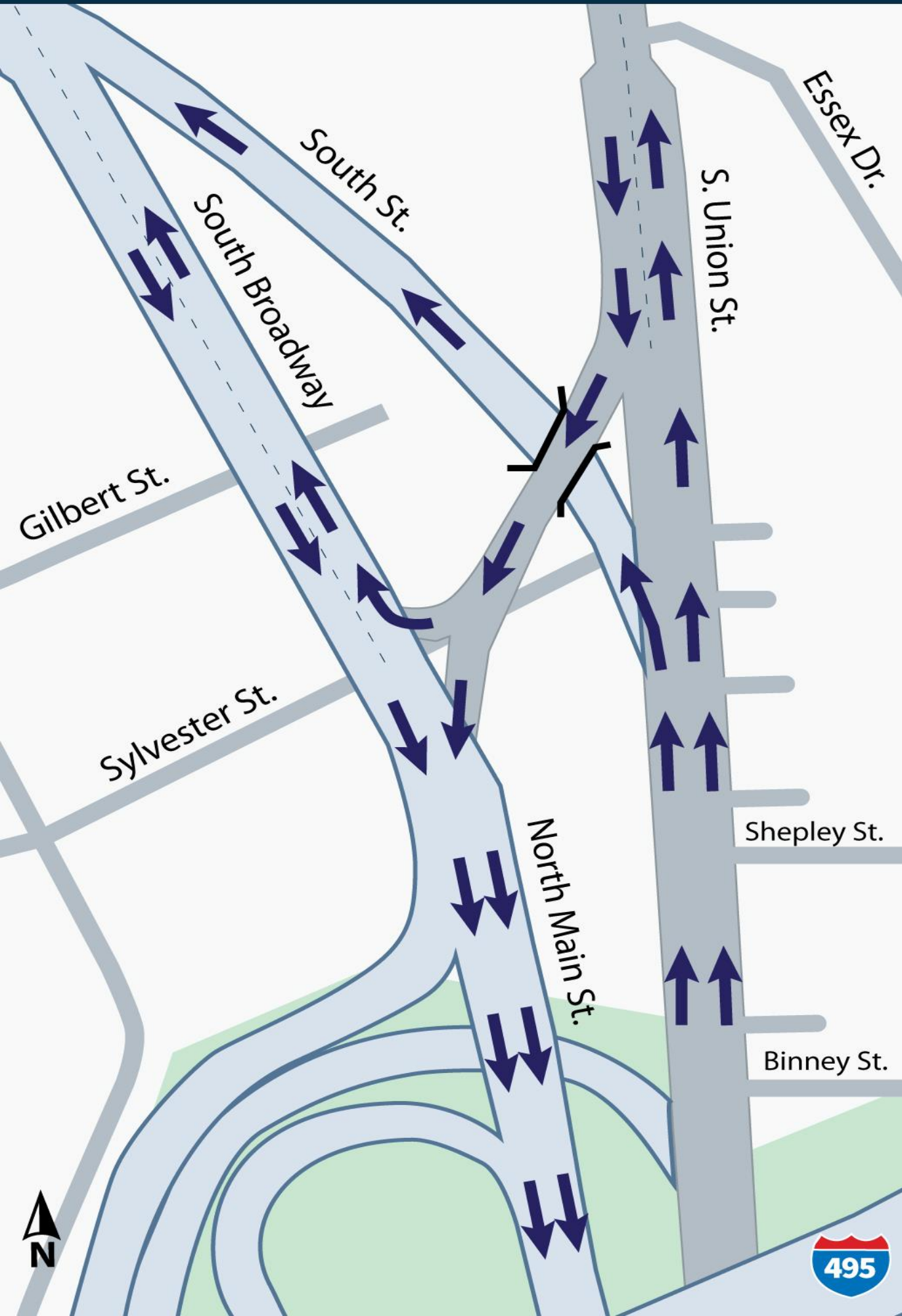
 TRAFFIC DIRECTION

 POLICE DETAIL



South Union Street

Existing Conditions

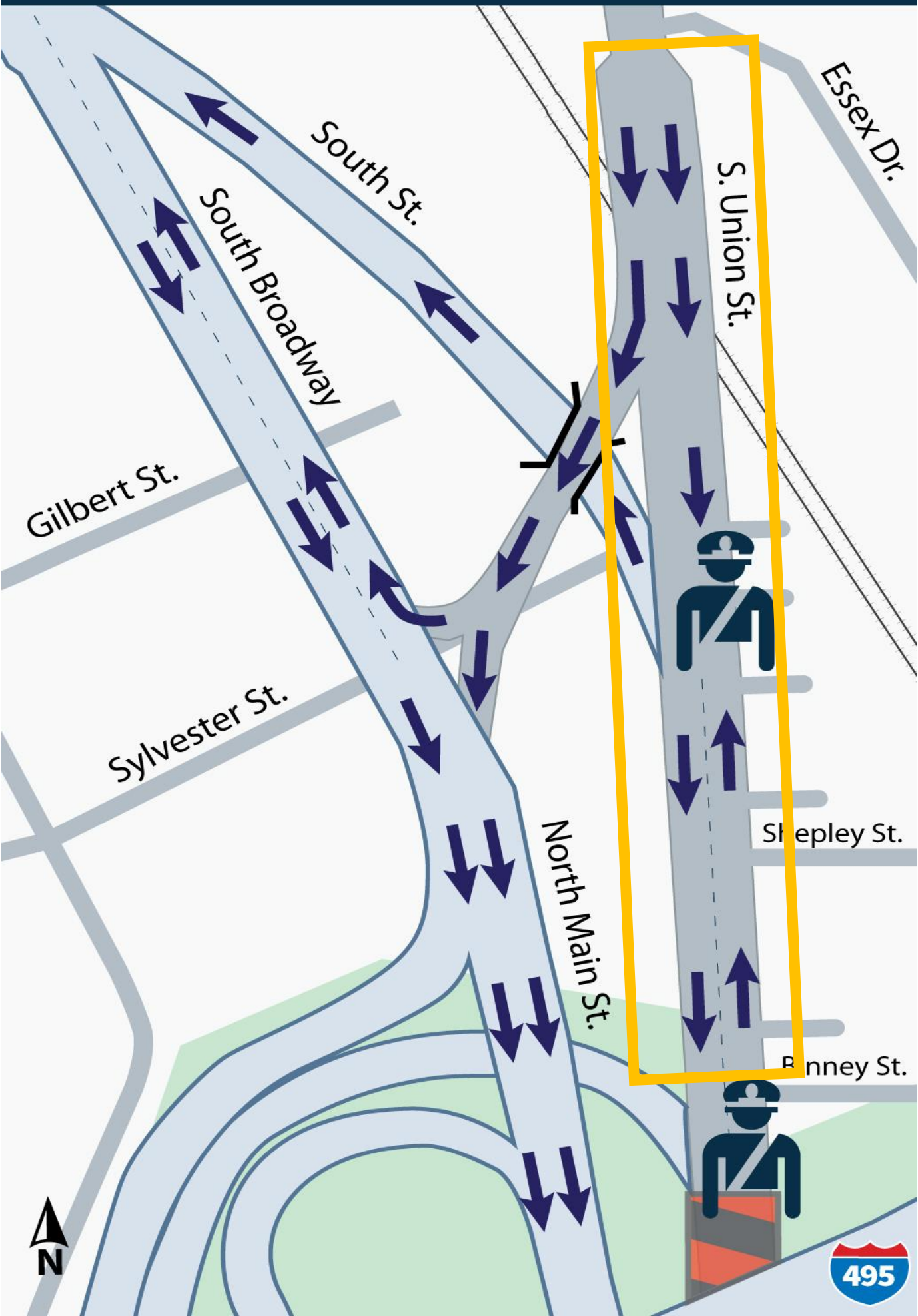


Proposed

Existing

Reversal of South Union Street

This detour would be used to provide local access during closure of Route 28 NB



South Union Street NB Return Detour

This detour would be used to provide local access during closure of Route 28 NB

WORK ZONE/CLOSURE

DETOUR ROUTES

DETOUR SIGNAGE





Our Good Neighbor Promise



- We know there are homes less than 400 feet from the highway.
- Maintaining livability during construction:
 - Real-time traffic monitoring to help keep regional traffic on I-495
 - VMS boards and static signs communicate closure/detour information to drivers
 - Noise and dust control plans will be submitted to MassDOT for approval
 - Wetting of old bridge piers controls dust
 - Quiet, clean, solar-powered changeable message signs
 - Noise levels to be monitored
 - Coordination with NHDOT to avoid confusion/congestion

The View Ahead

- We anticipate work will begin in May assuming favorable weather conditions.
- Work for the first 30 days will include:
 - Equipment mobilization
 - Establishment of the work zone
 - Clearing and grubbing
 - Sign installation for traffic control
 - Utility installation along the MBTA commuter rail



Anticipated Construction Timeline Overview: Approximately Four Years of Construction



Spring 2024-Fall 2025:
Work in the I-495 median creates space for lane shifts.



Fall 2025-Fall 2026:
Northbound lanes shifted into the median
New northbound bridges built



Fall 2026-Summer 2027:
New northbound bridges open
Southbound lanes shifted into the median
New southbound bridges built
Widened sidewalks and bicycle lanes open on Route 28



Summer-Fall 2027:
Traffic aligned to final positions
Improved shoulders, merging lanes, and exiting lanes



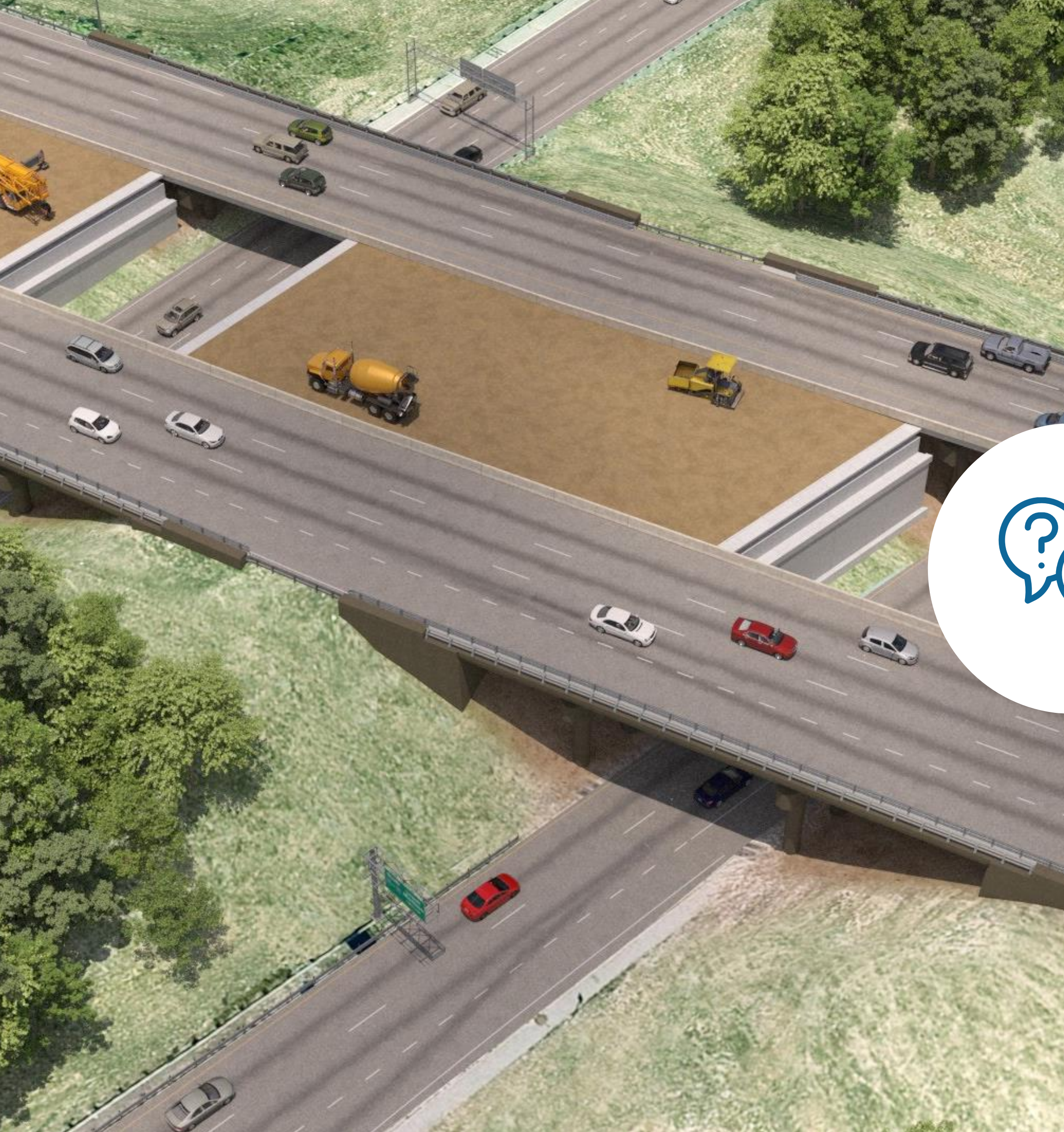
**How will we
keep you
informed?**

How to Stay Informed

- Weekly progress and traffic updates by web and email blast
- Email with questions and concerns:
I495AndoverLawrence@dot.state.ma.us
- Dedicated project website:
www.mass.gov/I-495-Andover-Lawrence-Bridge-Replacements
- Project hotline (English, Spanish, Vietnamese): [978-981-8770](tel:978-981-8770)



Sign up for weekly updates



**Questions and
discussion**



Thank You

I-495 Andover-Lawrence Bridge Replacements

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Project Email: I495AndoverLawrence@dot.state.ma.us