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Interpretation

Q&A



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## Agenda

- **01** Introductions
- 02 Project Background
- 03 Project Scope
- **04** Construction Timeline & Impacts
- **05** Community Engagement
- 06 Questions & Answers





## **Project Team**

#### **MassDOT**

- Valerie Kilduff (Project Manager)
- Gareth Saunders (Legislative Affairs) ullet
- Dan Mastrangelo (District 5)  $\bullet$

#### **Howard Stein Hudson**

• Taylor O'Neill (Public Involvement)

### **DWW SPS JV** Steve Cobb (Construction Project Manager)

### **HNTB**

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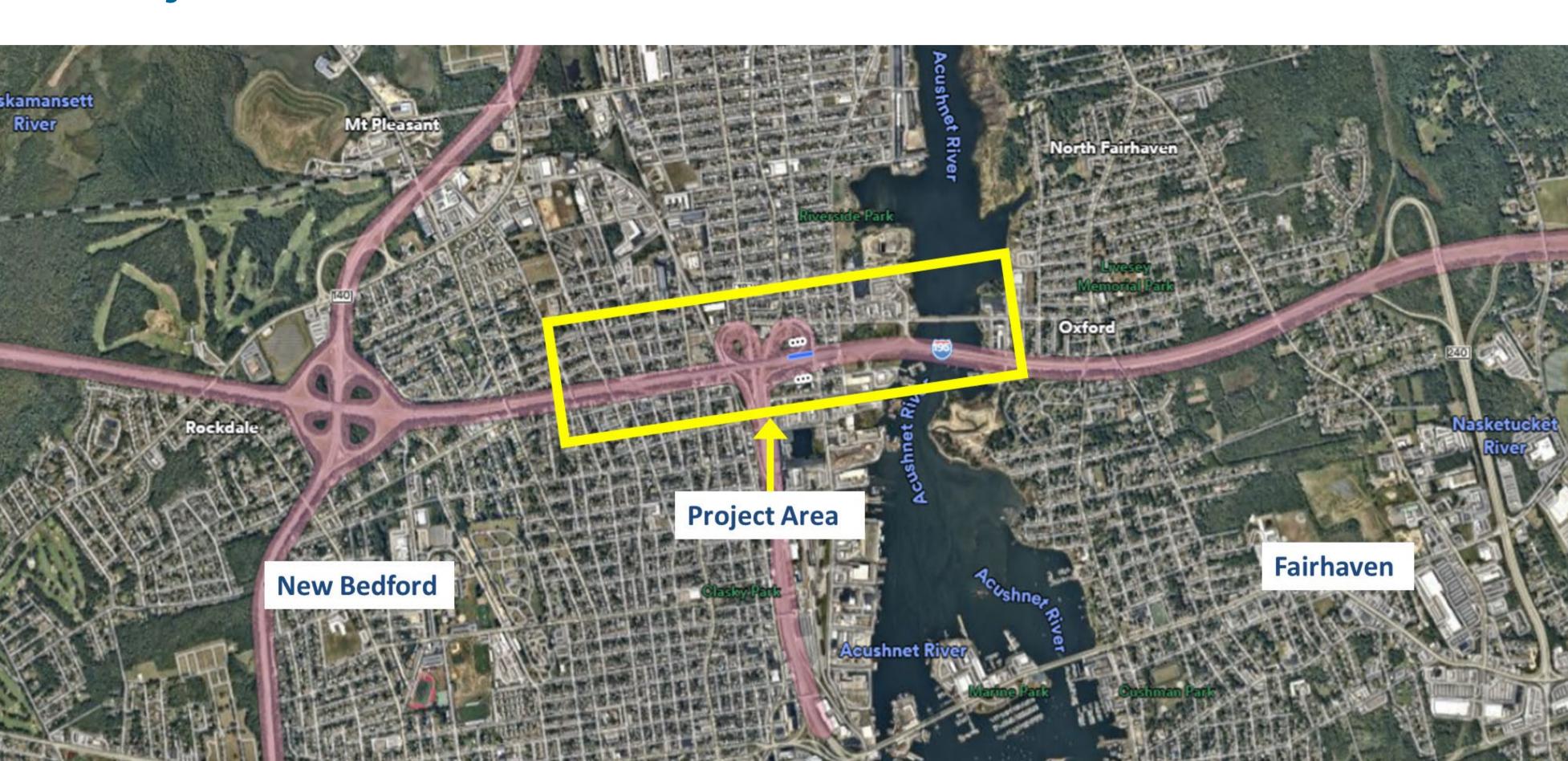
### Jonathan Kapust (Design Project Manager) Patrick Marvin (Public Involvement)





## ) Project Background

## **Project Area**



# How did we get here?



Summer/Winter 2024



Community Outreach

MassDOT Design Build Procurement Design-Builder awarded

# Spring/Winter 2025

**Design Finalized** 

# **Summer** 2025

Public Information Meeting





Why was this project initiated?

## **Existing Conditions**

HAYDEN MCFADDEN ELEMENTARY SCHOOL

I-195 AT RAMPS TO/FROM **CEDAR GROVE & PENNIMAN** 

> NEW BEDFORD COMMUTER RAIL LINE

Route 18 NB & SB

- Viaduct: 15 spans on I-195 at I-195/ Route 18 Interchange (I-195 EB & WB, Ramp C, Ramp F)
- Heavily urban area (Residences and Elementary school abutting, Parking lots and Skate Park below)
- City & state drainage system in CSO; above and underground utilities
- 3 single span bridges for I-195 to the east (N. Front Street, Bellville Ave and Acushnet River)
- New Bedford MBTA Commuter Rail Line controlling element for I-195 profile and span arrangement

I-195 AT RAMPS TO RT 18 SB





## **Current Bridge Conditions**

- Structure is obsolete and has reached the end of its useful life.
- Interchange functions poorly due to short or non-existent acceleration and deceleration lanes.

- Bridge is safe.
- Recent repairs completed in January 2025.
- On a 12-month inspection cycle.
- Additional repairs will be prioritized, if needed.









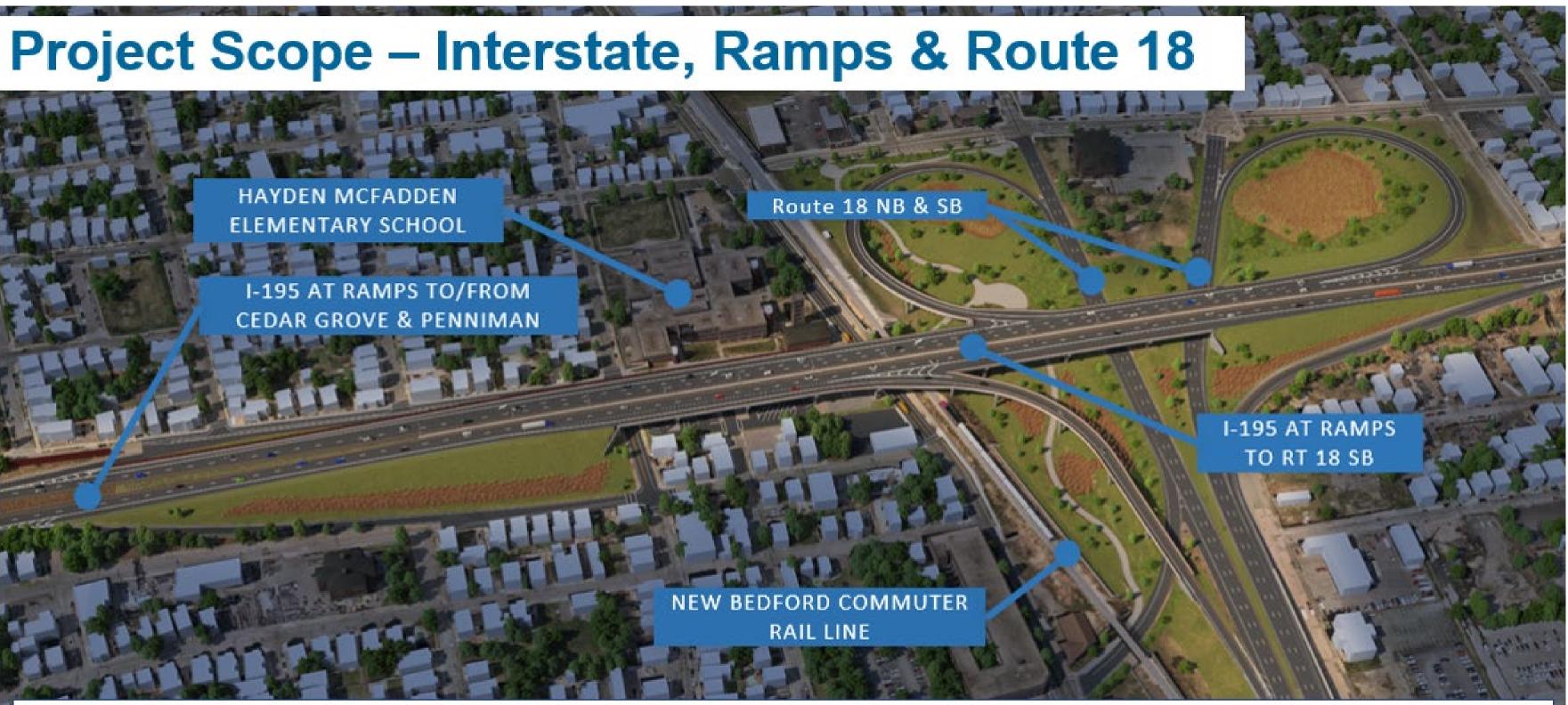
What do we want to accomplish?

## **Project Goal**

Replace structurally obsolete structure, improve safety at the interchange, and construct noise barrier for community benefit.





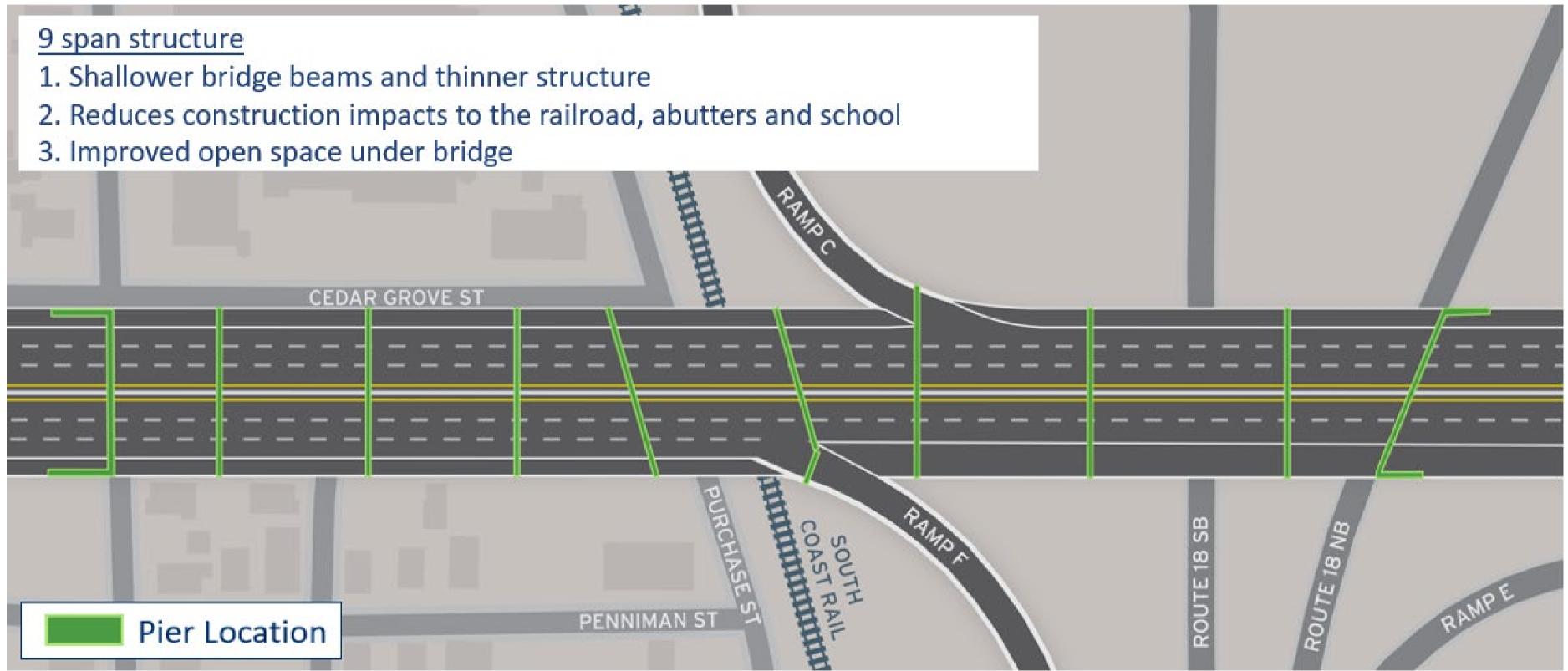


- Replace 3 bridges at the I-195/ Route 18 Interchange (I-195 EB & WB, Ramps from I-195 to Route 18)
- Widen & Reconstruct I-195 from Mt. Pleasant St. to N. Front St. to improve ramp safety (acceleration/ deceleration)
- Outside barrier and median replacement on 3 bridges (I-195 over N. Front St., Belleville Ave. and Acushnet River)
- Approximately 35-foot high retaining wall with noise barrier along Cedar Grove St.



- Resurfacing and/or Reconstruction of Cedar Grove, Purchase, County, Penniman, Kenyon, State (Roadway and sidewalk with accessibility upgrades)
- Stormwater Infiltration basins & State Trunkline / Outfall to Acushnet River
- City Drainage & Utilities
- Landscaped Park within interchange and under bridge, with Shared Use Path, Parking Lot, Skate Park

### **Project updates - Mainline Spans**





## **Utilities – limit abutter impact with realigned drainage**





#### MASSACHUSETTS DEPARTMENT OF TRANSPORTATION

### **Permanent Noise Wall**

Noise Wall mounted on barrier/bridge

Noise Wall Ends on I-195 WB at Mt. Pleasant Street

> Noise Wall ground mounted along Cedar Grove

#### HAYDEN MCFADDEN ELEMENTARY SCHOOL

Noise Wall Starts on I-195 WB at Purchase Street





Construction Timeline & Impacts

## **Project Timeline and Staging**

#### **Construction Schedule** Summer Break 2026 DESIGN **Steel Erection** WESTBOUND Phase 2 BRIDGE CONSTRUCTION WB Interstate crossovers built **EB** Interstate crossovers: new WB bridge open Westbound Bridge Demo Remaining Bridge Demo 2025 2027 2026 2028





### **Phases 1 & 2**

#### **PHASE 1: Summer 2025 to Fall 2025**

- 1. Demolish existing median on I-195 bridges.
- 2. Pave the I-195 median and construct WB crossovers.
- 3. Shift I-195 WB traffic to temporary configuration on existing I-195 viaduct.





### PHASE 2: Summer 2025 to Summer 2027

- ramps.
- basins.

1. Demolish existing I-195 WB viaduct superstructure, retaining wall, and westbound

2. Construct I-195 WB and ramp viaduct structure, Retaining Walls, I-195 EB footings and columns. 3. Construct Route 18 NB, ramps and stormwater



### Phases 3, 4, & 5

#### **PHASE 3: Fall 2027**

- 1. Shift I-195 WB traffic to completed WB viaduct.
- 2. Mill and Pave the I-195 median for EB crossover.
- 3. Shift I-195 EB traffic to completed WB viaduct

#### PHASE 4: Winter 2027 to Summer 2029

- 1. Demolish existing I-195 EB Viaduct and EB ramp.
- 2. Construct I-195 EB Viaduct and EB ramp.
- 3. Construct and stormwater basins, parking lot and skate park.

#### PHASE 5: Summer 2029 to Spring 2030

- 1. Shift I-195 EB and WB traffic to final alignments on proposed structures.
- 2. Construct I-195 EB and WB median
- 3. Final Paving, signing, pavement marking and landscape.





# **Temporary Traffic Considerations**

Local roadway users

- Wayfinding signage for all pedestrian routes
- Detours for local streets announced in advance
- All driveways remain open
- Parking on street and at school will be provided throughout construction
- Ramps to and from Cedar Grove Street and Penniman Street maintained throughout construction with short-term closures for paving

Regional/ Interstate Users

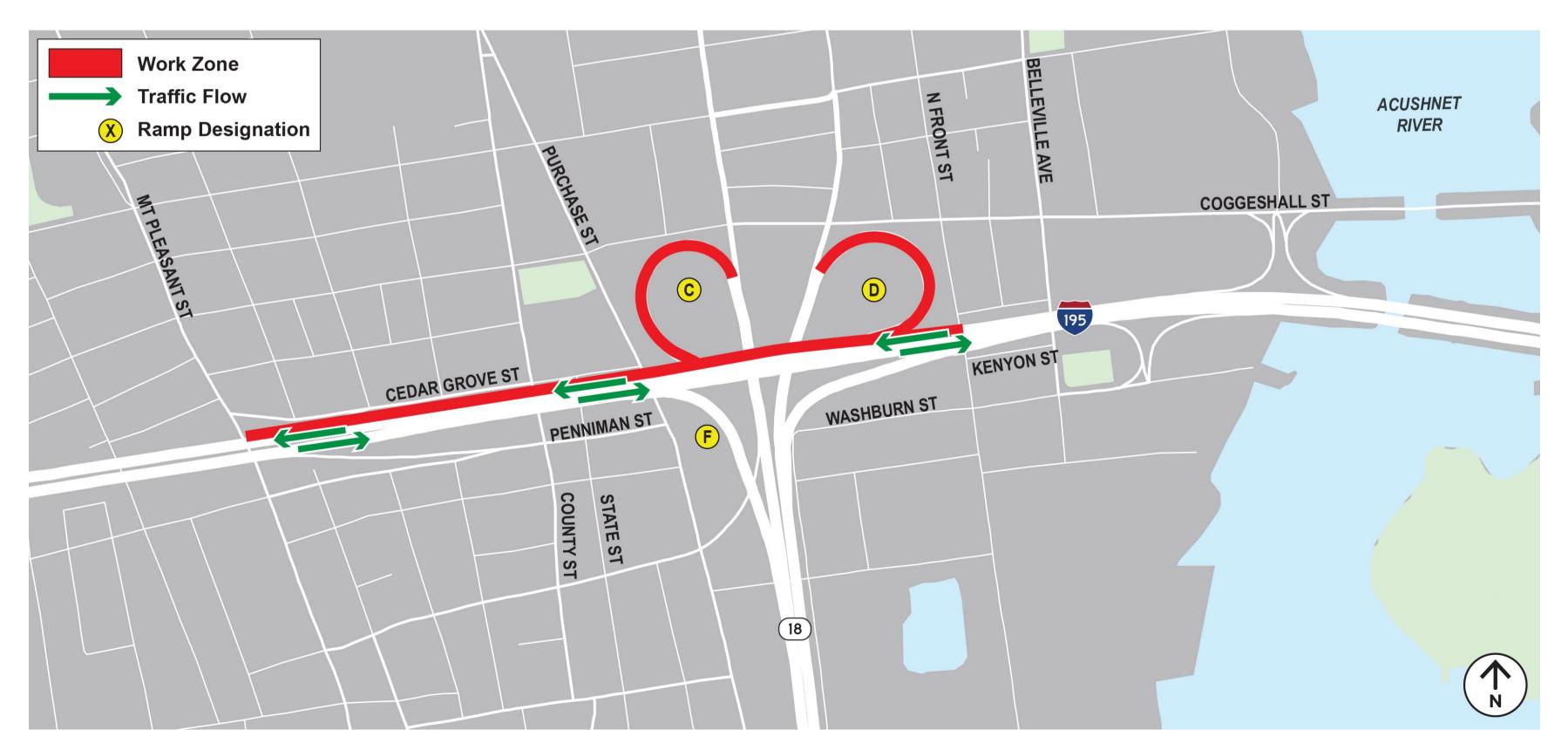
- Real Time Traffic information posted on I-195
- No lanes on I-195 closed during peak traffic times
- Ramp closure durations minimized





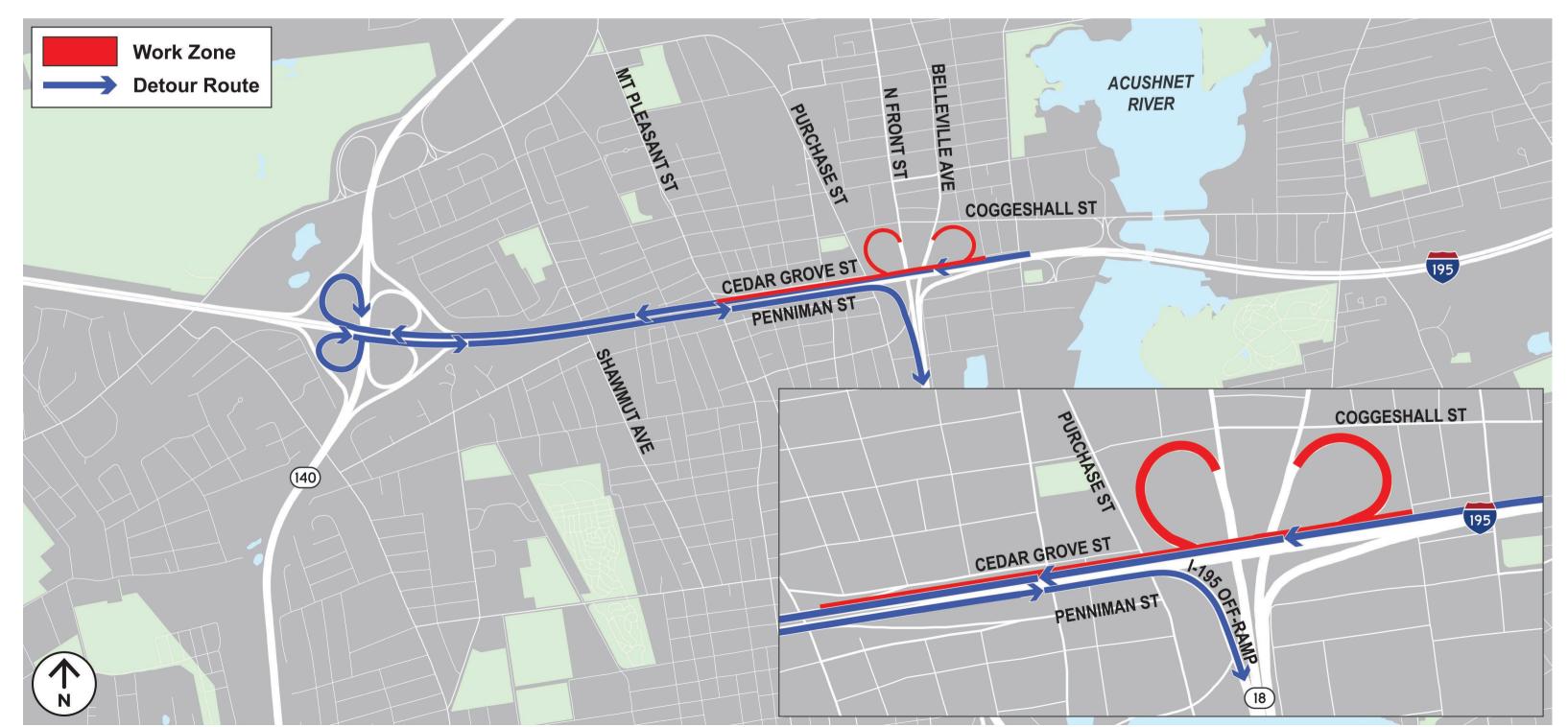
## **Phase 2 Traffic Flow**

- I-195 Westbound traffic will be shifted to the eastbound side
- Construction will take place on the I-195 WB, WB Exit 26 Ramp, and WB On-Ramp



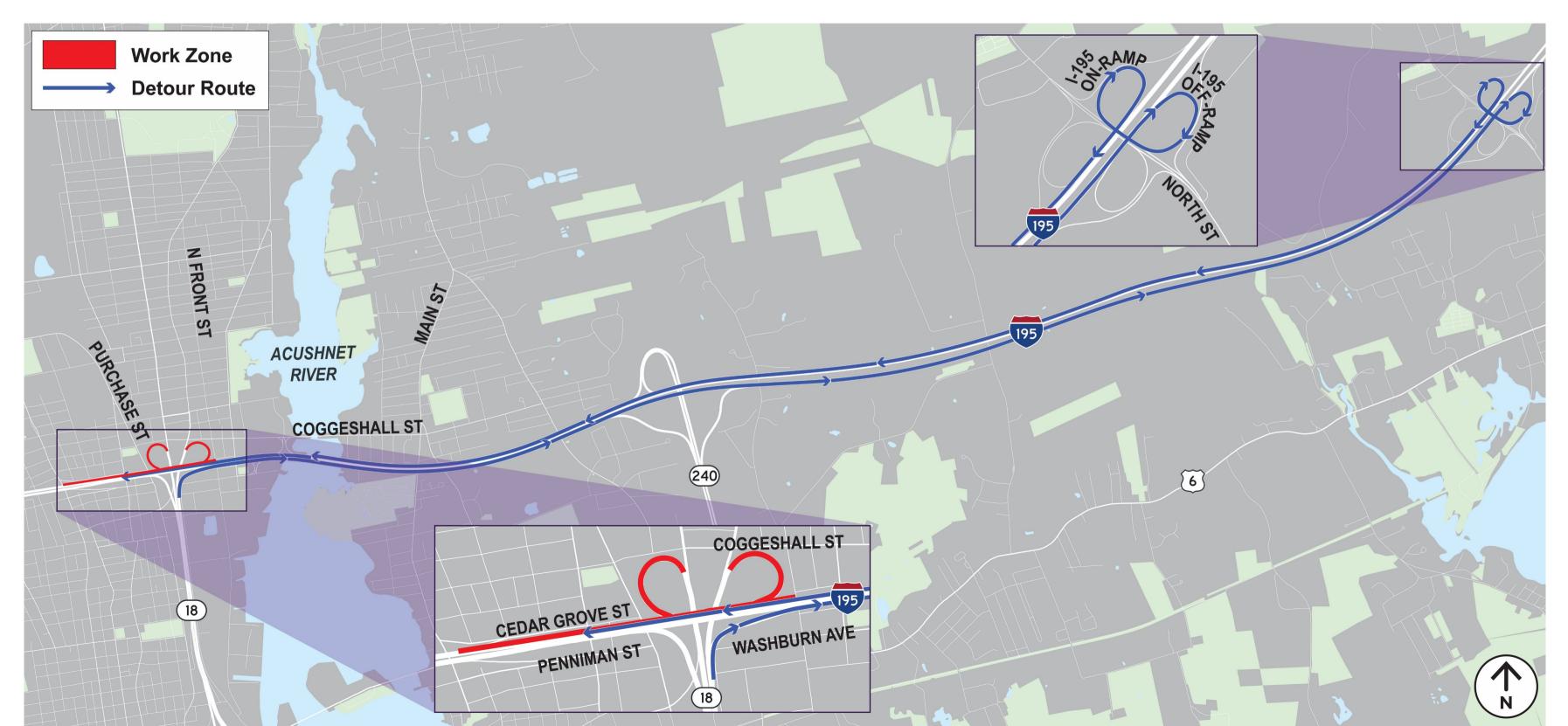
### **Ramp C Detour to Route 18 SB**

- Drivers will continue to travel along I-195 WB to Exit 24
- At Exit 24, they will use the clover interchange to connect to I-195 EB
- Drivers will take EB Exit 26 Ramp to connect to Route 18 SB •



### **Ramp D Detour to I-195 WB**

- Drivers will merge onto I-195 EB
- At Exit 31, they will use the clover interchange to connect to I-195 WB •



## **Construction Mitigation Overview**

- Work to occur mostly during the day and weekdays
- Some night work is needed for Bridge Demolition, drainage installation, and utility work
- Coordination with emergency services to maintain access
- Keep abutters and community informed throughout the project through public outreach

#### **Construction Mitigation**

- Major operations will be within confined work zones
- Minimize construction vehicles on local streets

Noise and Dust control Mitigation

- Noise monitoring systems
- Scheduling of activities based on weather and events
  Work hours 7:00 am to 3:30 pm
- Water spray for dust suppression







# Community Engagement

## **Community Engagement**

- Because of the interchange's location, MassDOT is prioritizing working with the community and keeping ۲ the public informed throughout construction
- Community Engagement will include:  $\bullet$ 
  - Coordinating with New Bedford Public Schools and other major stakeholders
  - Briefings for local and elected officials
  - Public information meetings
  - Newspaper advertisements, media advisories, and social media
  - A dedicated project website, email, and phone hotline
  - Sending regular project update emails and special advisories to subscribers



## How to connect with the New Bedford I-195/Route 18 Interchange Rehabilitation Project

Email the project team with feedback and questions: i195route18newbedford@dot.state.ma.us

Visit the project website for more information: <u>www.mass.gov/route-i-195-to-route-18-interchange-rehabilitation-in-</u> <u>new-bedford</u>

Call the project hotline: (508) 441-4532

Scan the QR code and sign up for project updates:







# Questions and Answers

### **Questions and Answers**

- Raise your hand to be called on for verbal questions
- Please state your name and connection to the project before your question
- Please share only 1 question or comment at a time, limited to 2 minutes, to allow others to participate
- Comments may also be submitted to the project team electronically at

i195route18newbedford@dot.state.ma.us

All questions and comments will be included in the meeting record, which will become public record. We do ask that you refrain from any disrespectful comments.







## **Acoustical Study**

- Existing Sound Levels
  - 58 to 72 dB(A)
- Future Sound Levels (Before Sound Wall)
  - 58 to 73 dB(A)
- Noise Reduction
  - 5 to 10 dB(A)
  - Average 6.6 dB(A)
  - 39 Benefited Residences
- Proposed Sound Wall Dimensions
  - 1,850 Feet Long
  - Ranges from 12 to 20 feet high

