massDOT
Massachusetts Department of Transportation
Highway Division

Park Street (Rt 20) over the Connecticut River
North End Bridge
Springfield – West Springfield

Thank you for joining us.

This meeting will begin shortly.



Public Information Meeting

North End Bridge

Springfield - West Springfield

NAISMITH MEMORIAL BASKETBALL HALL OF FAME

September 29, 2026

Project File number 612494



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-programMBTA Title VI linkto reach the Office of Diversity and Civil Rights.

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

Agenda

- Presentation Participants
- Recent Public Meeting Outreach
- How Did We Get Here
- Project Location
- Purpose and Need
- Project Overview
- Elements of the Project
- Bicyclists and Pedestrians
- Permitting
- Right of Way
- Project Delivery Approach
- Next Steps
- How to Stay Informed
- Questions and Answers



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Presentation Participants

- **MassDOT Project Manager, Design**
  - William H. Conroy IV, Supervising Project Manager Major Projects
- **MassDOT Project Manager, Construction:**
  - Mustafa Sadeq, Design Build Project Manager Major Projects
- **Legislative Affairs**
  - Dan Racicot, MassDOT
- **MassDOT ROW**
  - Brenda Codella, MassDOT Field Agent, Districts 1&2
  - Justin Gilmore, Community Compliance Officer
- **Preliminary Design Consultant, AECOM**
  - Kristina Hanes, PE – Project Manager
  - Ashley Berthaume, IMSA II – Traffic Lead
  - Melissa Ryan – Environmental Lead
- **Architecture and Landscape Design Urban Idea Lab (UIL)**
  - Etty Padmodipoetro, RA – Bridge Architect
- **Public Outreach Coordinators, HDR Inc.**
  - Joe Sgroi
  - Martin Nee
  - Sofia Clark

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Recent Public Meeting Outreach

Legislative Briefing: September 22, 2026

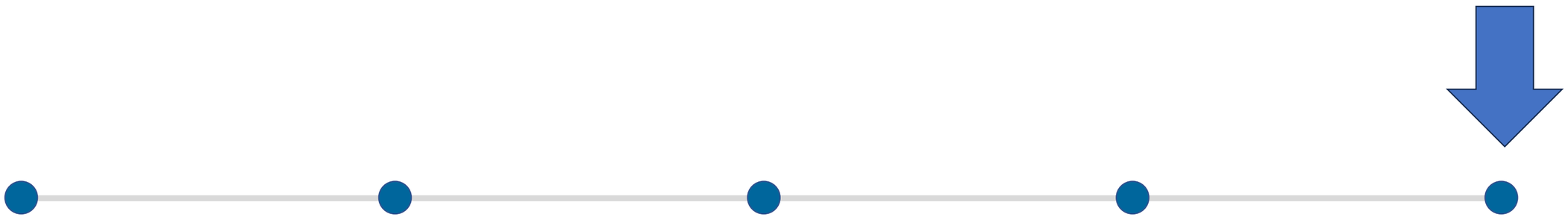
Newspapers

- Springfield Republican
- El Pueblo Latino

MassDOT Social Media

- facebook.com/massdotinfo
- x.com/massdot

How did we get here?



July
2022

MassDOT determines the scope of the bridge replacement project

August
2023

Alternatives Analysis Completed

January
2025

Geotechnical Borings and Subsurface Investigation

August
2025

Hydraulic Analysis Complete

September
2026

Public Information Meeting

Project Location



Purpose and Need for the Project

- The bridge was originally constructed in 1924, rehabbed in 1985 and is structurally deficient with outdated details
- The route 5 underpass was completed in 1952 and has significant deterioration
- By addressing the aging infrastructure, this project will have the ability to improve the bridge corridor as well as accessibility, functionality and safety for all users throughout the surrounding areas



Existing Bridge Deterioration



Existing Underpass Deterioration

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Project Overview

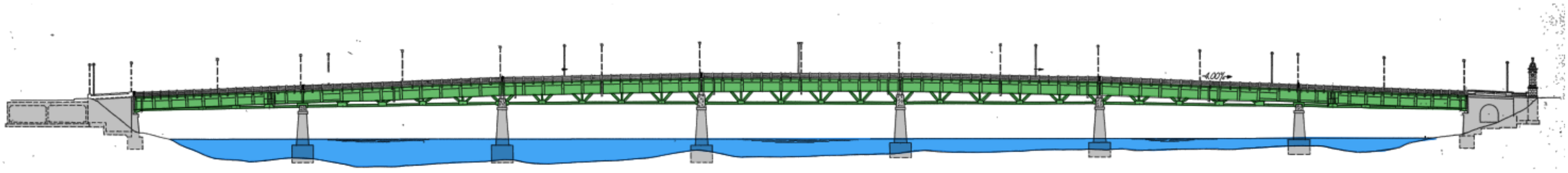
- Design and Construction of new North End Bridge
- Demolition of existing structure including foundations
- Reconfiguration of the Intersection at Riverside Road
- Addition of a mid-block pedestrian crossing
- Preservation and Relocation of 2 of the existing 4 bridge monuments
- Drainage improvements
- Reconstruction of landscaping and parkland
- Route 5 underpass rehabilitation including structural repair, pump station upgrades and drainage improvements



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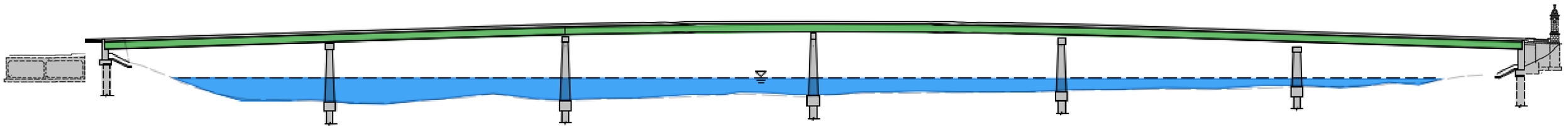


Elements of the Project



Existing North End Bridge

- 7 spans (6 in-water piers)
- Steel truss and Steel Plate girder superstructure with reinforced concrete deck
- Concrete wall piers on timber pile foundations

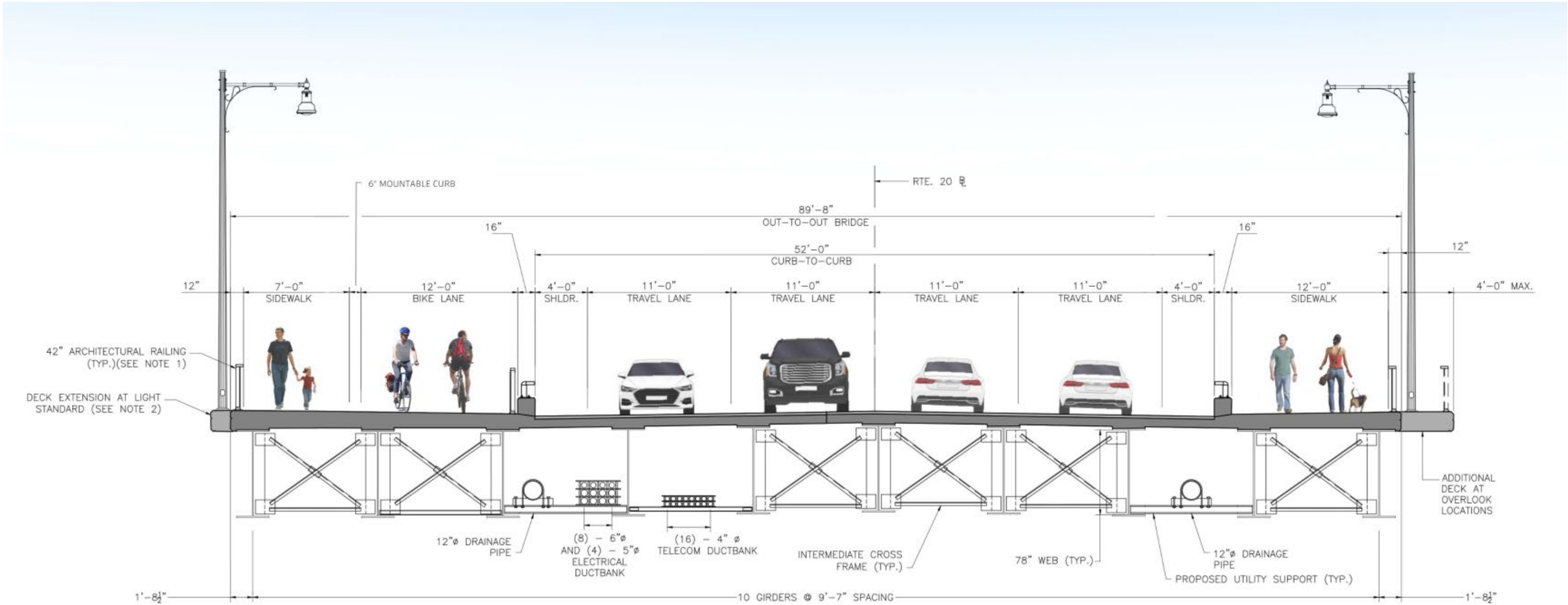


Proposed North End Bridge

- 6 spans (5 in-water piers)
- Steel Plate girder superstructure with reinforced concrete deck
- Concrete wall piers on drilled shaft foundations

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Proposed Bridge Cross Section



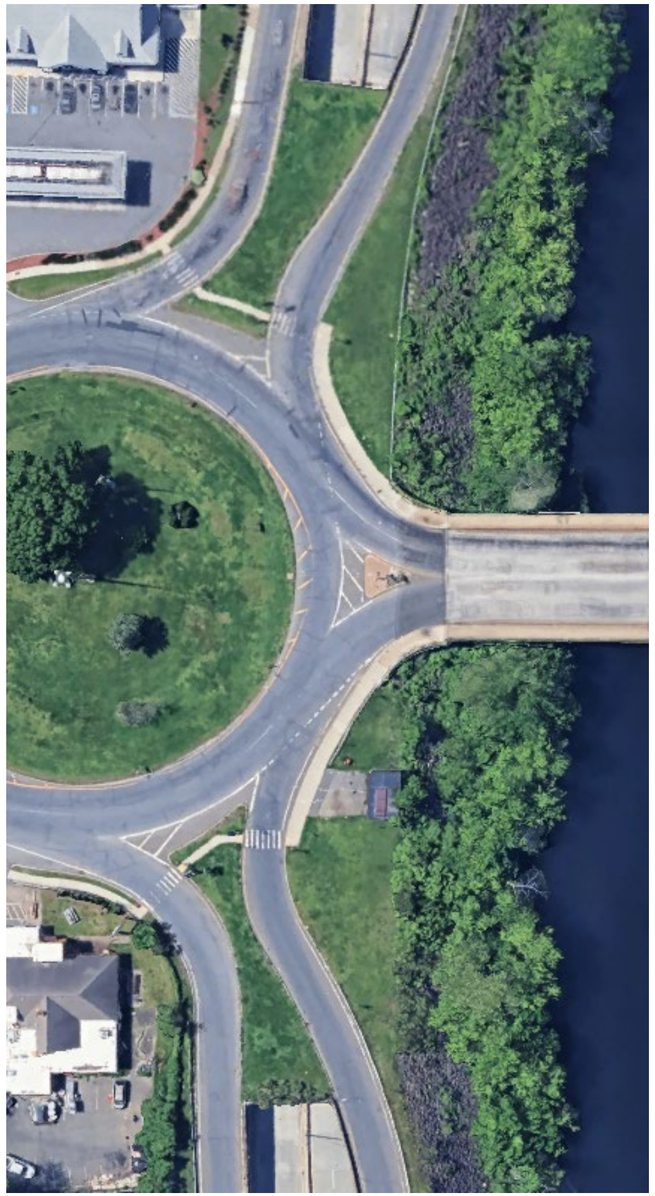
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West Springfield Route 5 Underpass

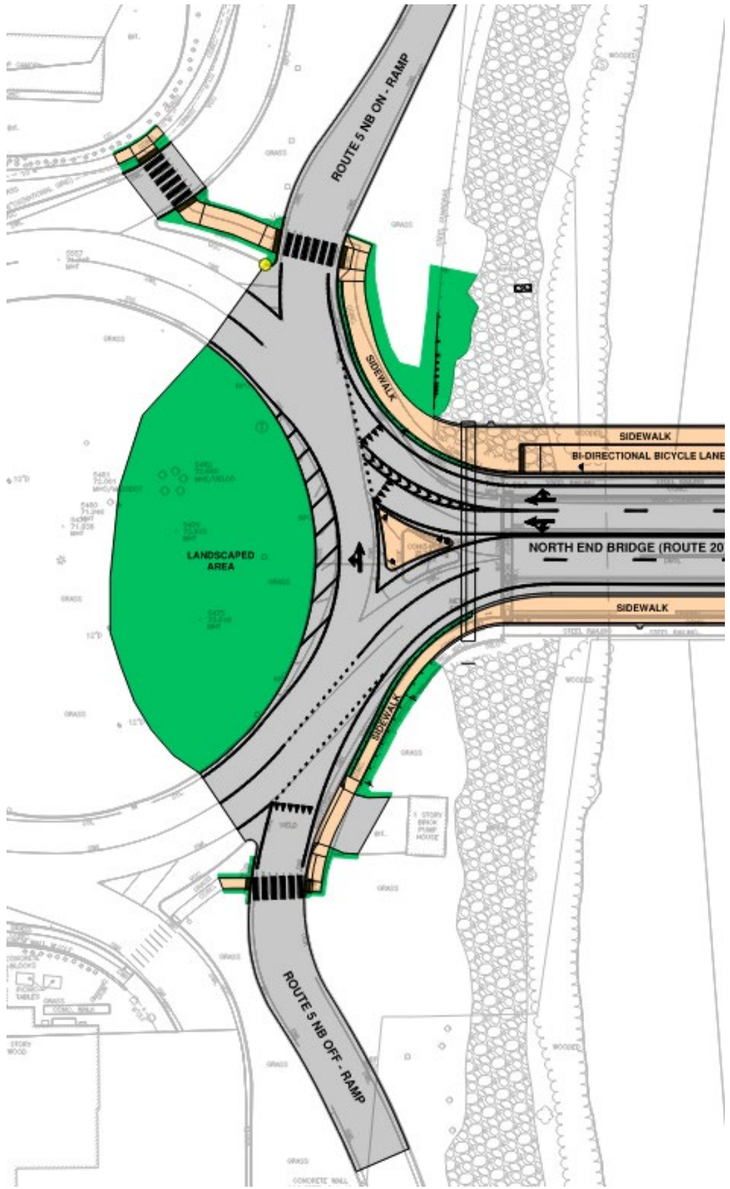
- Repairs to the underpass walls, slab and roof
- Removal of loose concrete from underpass roof
- Upgrades to electrical and mechanical systems in the pumphouse
- Waterproofing and new wearing surface of Northbound ramps to/from rotary



West Springfield Approach - Rotary



Existing Condition



Proposed Design

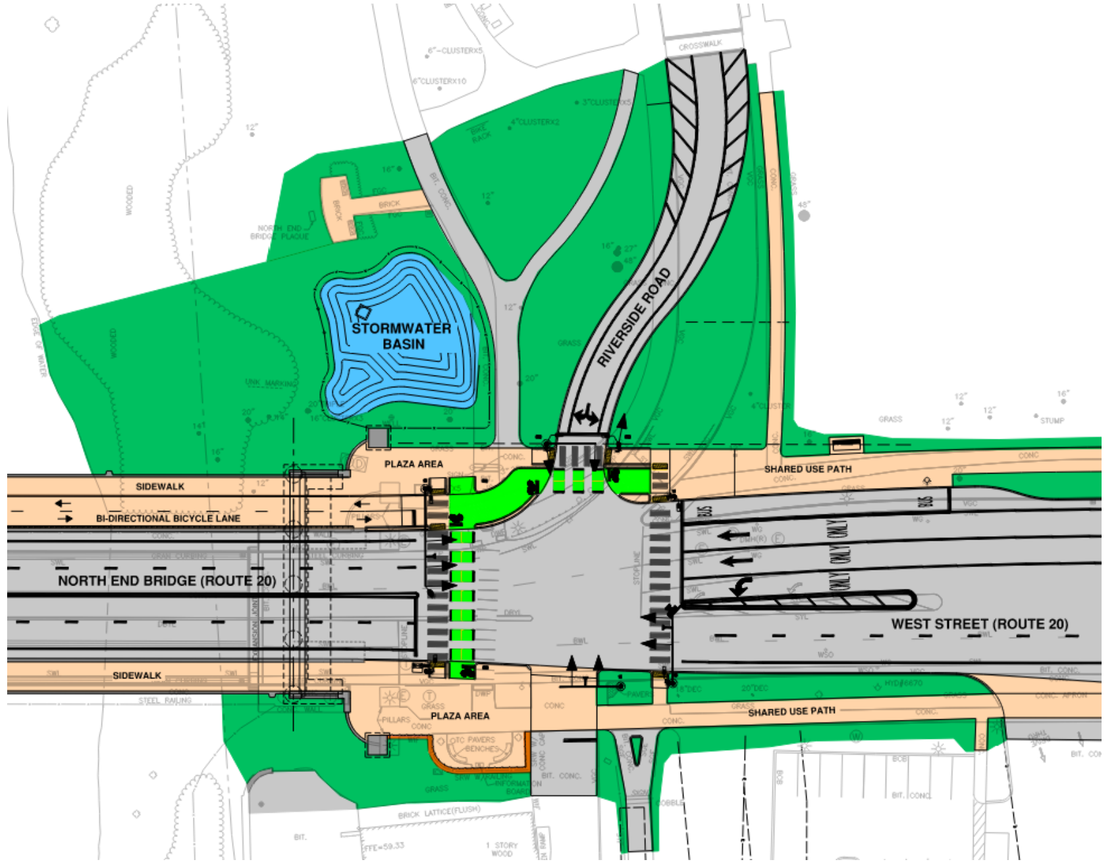
- Reconstruction of sidewalks and pedestrian curb ramps adjacent to the bridge
- Improved roadway geometry entering and existing the rotary from bridge
- Improved safety features such as handrails and landscaped buffers to separate the pedestrians/bicycles from vehicular traffic

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Springfield Approach - Riverside Road Intersection



Existing Condition

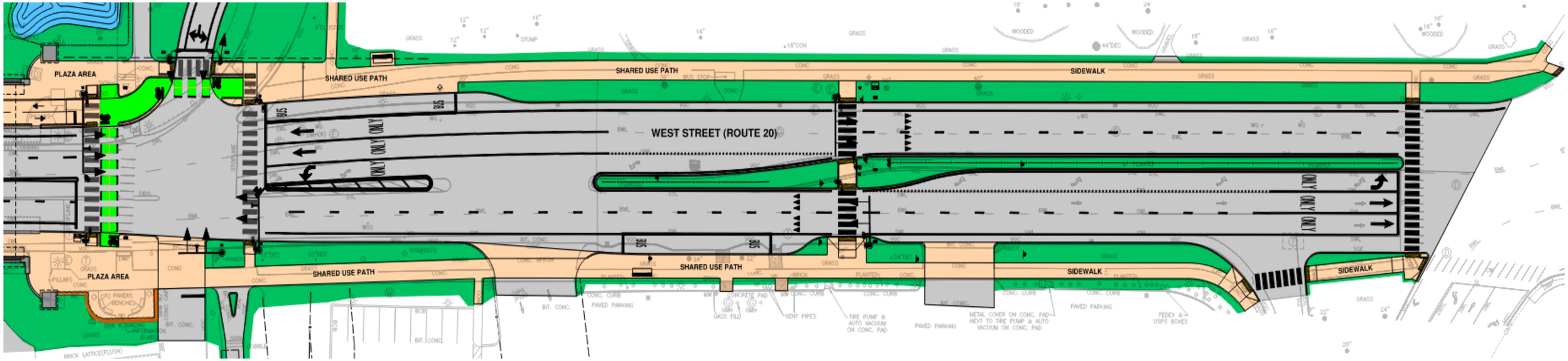


Proposed Design

- Realignment of Riverside Road into a “T” Intersection with West Street
- Signalized intersection to allow for left and right turns out of Riverside Road onto West Street
- Dedicated bicycle accommodations through proposed crossings

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Springfield Approach - West Street Improvements



- Mid-block crossing at midpoint between Riverside Road and Plainfield/Avocado.
- Shared Use Paths and widened sidewalks on both sides of West Street
- Pull off bus stops in both directions

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Bridge Design Concepts



Rendering of Bridge looking towards West Springfield

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Bridge Design Concepts



Nighttime rendering of Bridge looking towards West Springfield

Bridge Design Concepts



Rendering of bridge from water looking towards Springfield

Bridge Design Concepts



Nighttime rendering of bridge from water looking towards Springfield

Bridge Design Concepts



Rendering of in-water concrete wall pier

Bridge Design Concepts



Rendering of shared use path and sidewalk looking towards West Springfield

Bridge Design Concepts



Rendering of West Springfield Rotary

Bridge Design Concepts



Rendering of sidewalk at overlook looking towards Springfield

Bridge Approach Design Concepts - Springfield



Rendering of Riverside Road intersection

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Parkland Design Concepts - Springfield



Rendering of Riverfront Park and detention basin looking towards boathouse

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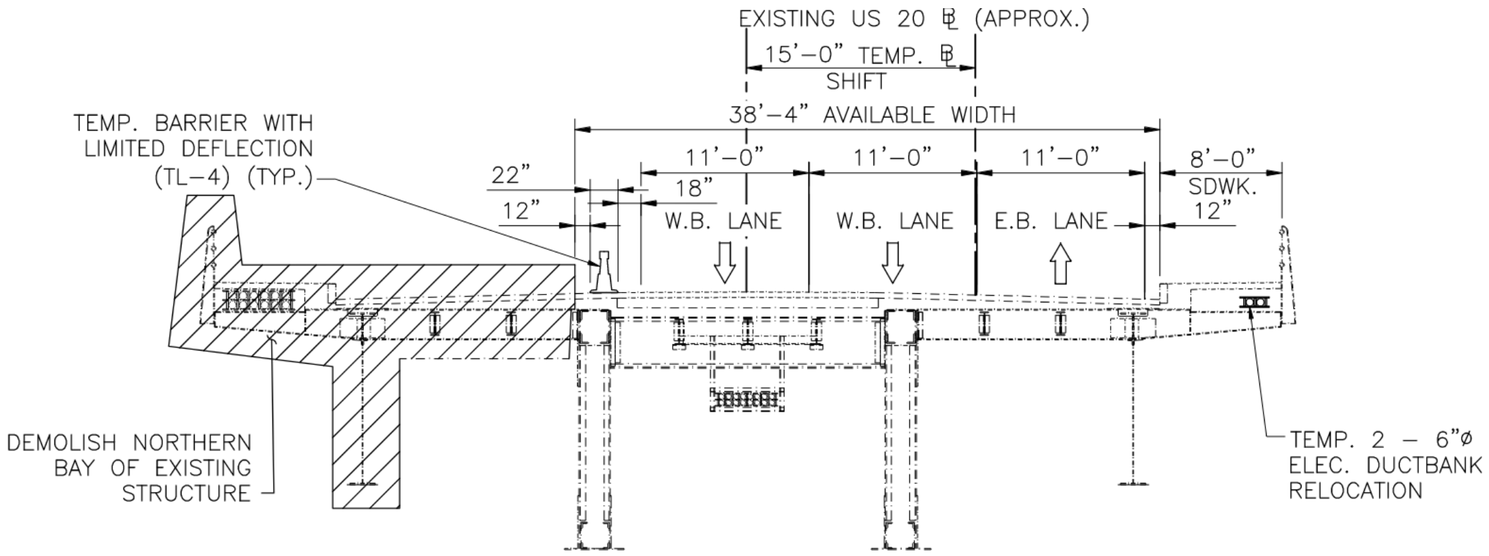
Bridge Approach Design Concepts - Springfield



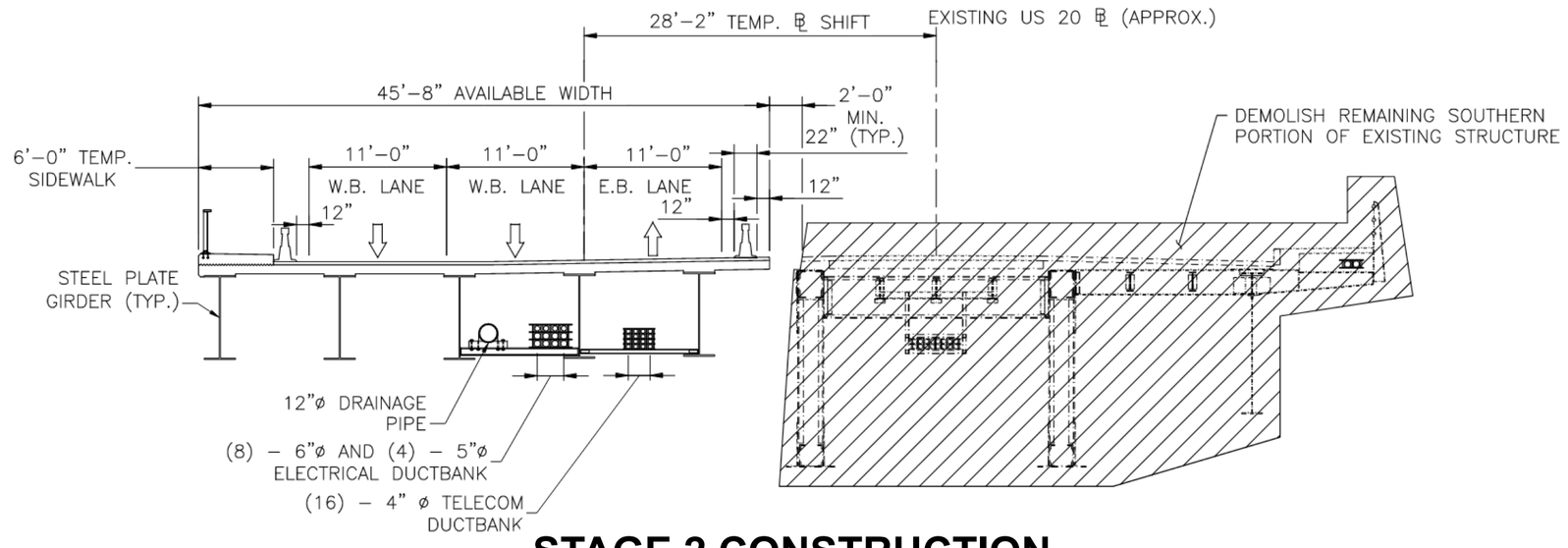
Rendering of Riverfront Park at Riverside Road

How will bicyclists and pedestrians be impacted during construction?

Pedestrians & Bicycles During Construction



STAGE 1 CONSTRUCTION



STAGE 2 CONSTRUCTION

Stage 1 Construction

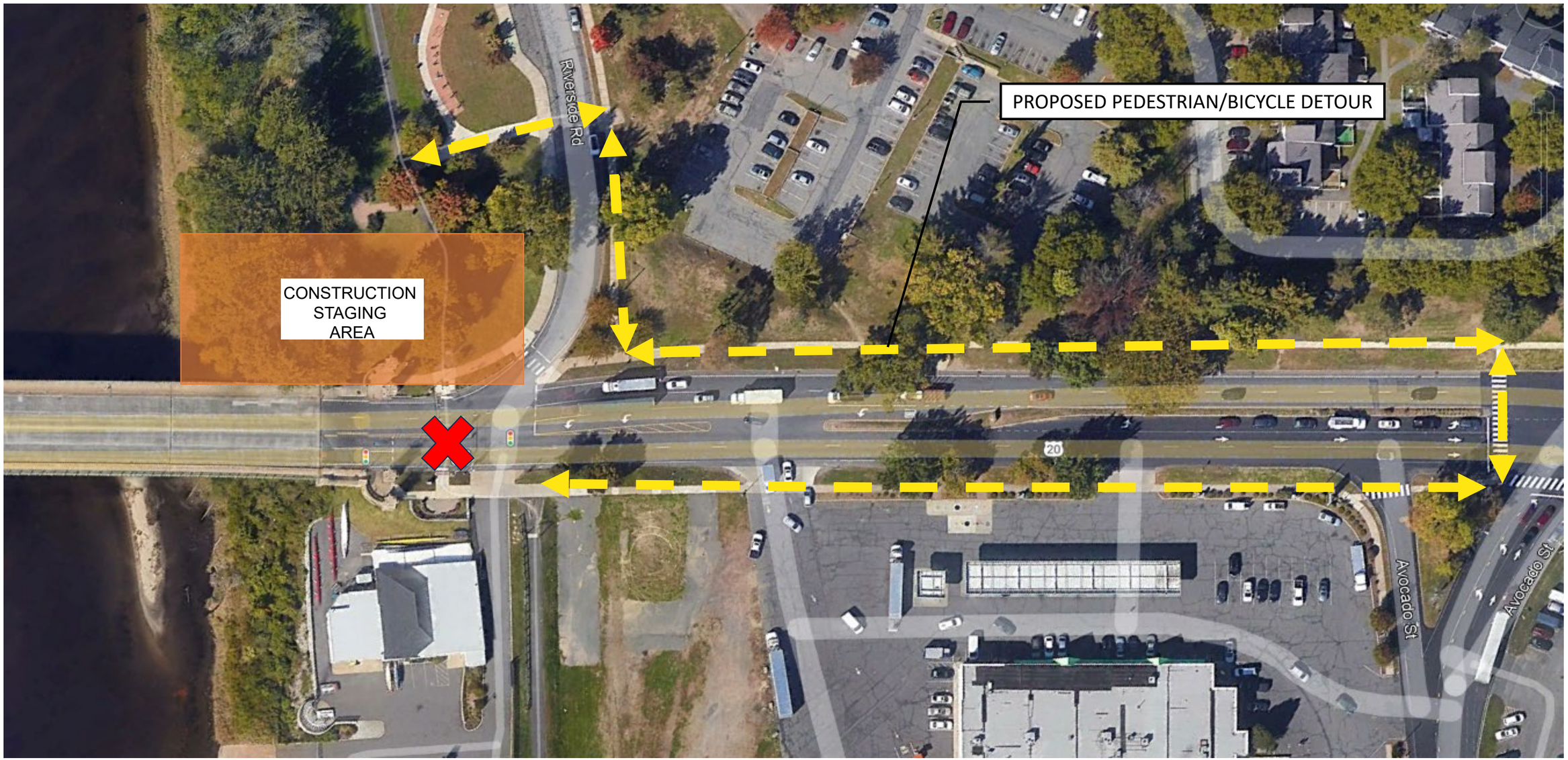
Pedestrians/bicycles will utilize existing sidewalk on eastbound side of the bridge for access

Stage 2 Construction

Pedestrians/bicycles will utilize 6' temporary sidewalk built during stage 1 on the westbound side of the bridge for access

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Bicycle and Pedestrian Detour



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

- MassDEP Section 401 Water Quality Certification - in progress
- USACE Section 404 Preconstruction Notification - In progress
- USACE Section 408 Approval - In progress
- NOAA Essential Fish Habitat Consultation - In progress
- NOAA/Division of Marine Fisheries Section 7 - In progress
- Historic Preservation Section 106 - Complete
- USCG Bridge permit - STURAA Exemption Complete
- FHWA Categorical Exclusion - In progress
- Conservation and Management Permit - In progress

Preliminary Right of Way (ROW) discussion
Pre-25% Public Information Meeting

- MassDOT is responsible for acquiring all necessary rights in public land for design, construction, and implementation of this project.
  - Fee takings, permanent easements and/or temporary construction easements may be required.
- Affected property owners will be contacted by personnel from the MassDOT ROW Bureau or consultants representing the agency.
  - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
- Preliminary ROW drawings are still being developed and should be available for the 25% Design Public Hearing.

At this stage of design, the Right of Way process has not been finalized. ROW plans should be available for the 25% Design Public hearing

Preliminary Municipal Right of Way (ROW) discussion Public Information Meeting

- The City of Springfield is responsible for acquiring all necessary rights in public land for design, construction, and implementation of this project.
  - Permanent easements and/or temporary construction easements may be required.
- Affected property owners will be contacted by personnel from the City of Springfield or consultants representing the municipality.
  - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
- Preliminary ROW drawings are still being developed.

At this stage of design, the Right of Way process has not been finalized.



What is the project delivery approach?

Project Delivery: Design Build

Combines design and construction services into a single contract

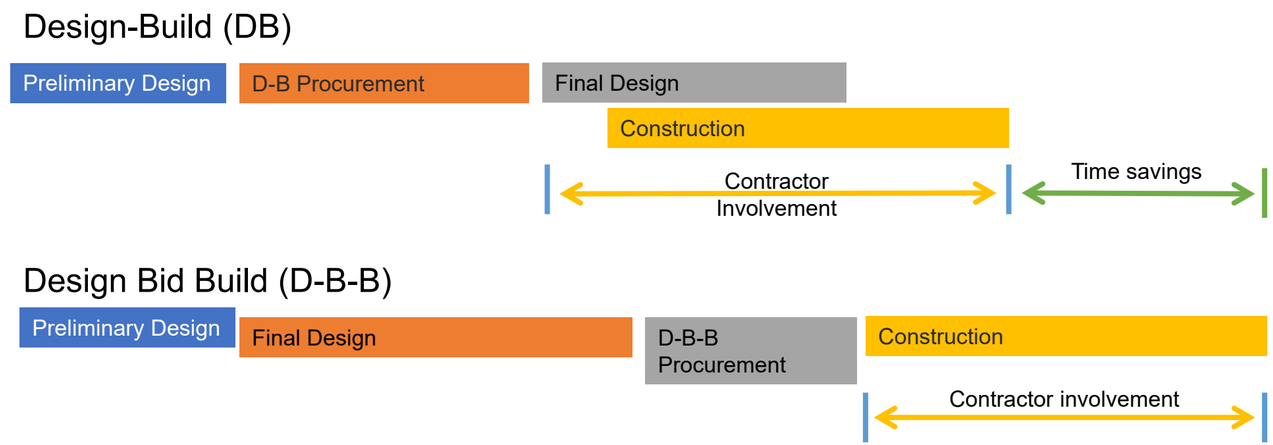
- Authorized for Department use under MGL 149A, subsection 14 - 21

Allows the contractor and designer to work together on all phases of the project

- Promotes innovation
- Reduces owners project risk
- Expedites project delivery

Best Value Design-Build (BVDB) procurement

- Project awarded based on the highest overall value considering both quality and cost
- Phase I – short list-best qualified teams as determined by response to Request for Qualifications (RFQ)
- Phase II – submission of technical and price proposals in response to Request for Proposals (RFP)



Our next steps

1

Design Public Hearing

Feb 2027

2

Preliminary Design Complete

Spring 2027

3

Design Build Team Shortlist

Mid 2027

4

Design Build Notice to Proceed

Mid 2028

5

Construction Complete

~2033

How will we keep you informed?

How to reach us

- Visit the project website at:
  www.mass.gov/route-20-over-the-connecticut-river-bridge-replacement

- Submit email comments to:
  Rte20BridgeCTRiver@DOT.state.ma.us

- For project information visit the MassDOT Upcoming Events for Highway Division web site at http://www.mass.gov/orgs/highway-division/events or used the QR Code:

- Submit written comments to:
  Carrie Lavallee, P.E., Chief Engineer
  MassDOT
  10 Park Plaza, Suite 7210
  Boston, MA 02116
  Attention: Major Projects, PROJECT FILE NO. 612494

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Questions and answers

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Thank You

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Springfield – West Springfield

NAISMITH MEMORIAL BASKETBALL HALL OF FAME

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