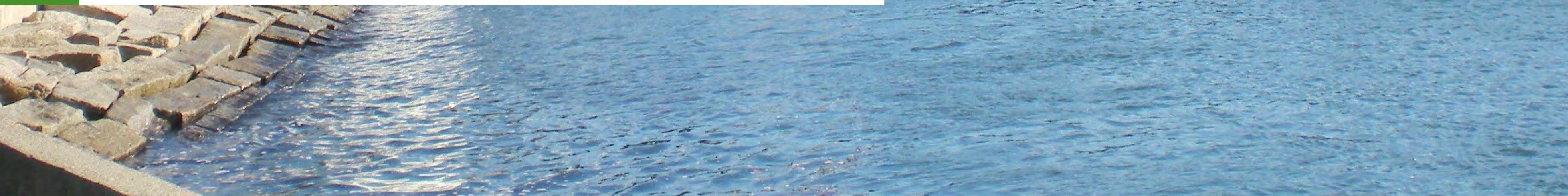
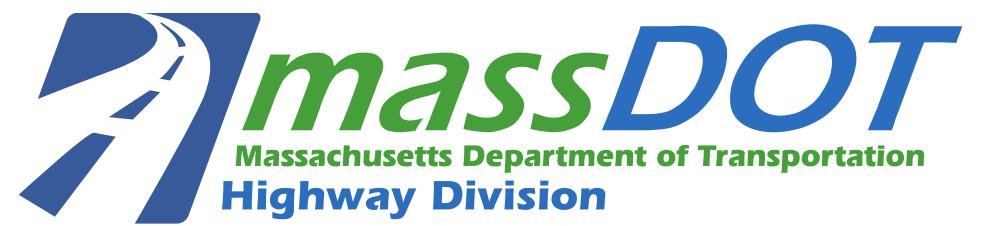




Reconstruction of the Blynman Canal Bridge – Route 127 over the Blynman Canal

*Thank you for joining us.
This meeting will begin shortly.*





Reconstruction of the Blynman Canal Bridge – Route 127 over the Blynman Canal in Gloucester

Gloucester, MA

Project No.608397 | December 2, 2025



Zoom Webinar Controls for Meeting

-  Drop down menu to check microphone and speakers
-  Raise your hand - *9 for users dialing in
-  If you are unable to access the internet or are having technical problems, please call into the meeting at **+1 (646) 876-9923**, Webinar ID: **860 3810 0295**
-  Use the View button in the upper right-hand corner to adjust the meeting view settings to your preference

If you have trouble with the meeting technology during the presentation, please call:



[1.888.799.9666]



Public Meeting Notes and Procedures

Notification of Recording

This virtual public meeting will be recorded. The Massachusetts Department of Transportation may choose to retain and distribute the video, still images, audio, and/or transcript. All parts of this hearing are considered public record.

- By continuing attendance with this virtual public meeting, you consent to participate in a recorded event.
- If you are not comfortable being recorded, please turn off your camera, and keep your microphone muted, or excuse yourself from the hearing.

Other Important Notes

- Your microphone and webcam are automatically disabled upon entering this hearing.
- The meeting will be open to questions and answers at the end of the formal presentation.
- Please take time to respond to our survey! Your feedback is important.

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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.

All questions and comments are welcome and appreciated, however we do request that you refrain from any disrespectful comments.

Agenda

1. Project Team
2. Project Background
3. Project Needs & Goals
4. Alternatives Investigated
5. Design Solution
6. Construction Approach
7. Questions and Answers



Presentation Participants

MassDOT Highway Division

- Joseph Breen, PE, [Project Manager](#)
- Brian Fallon, PE, [District 4 Design Engineer](#)
- Dan Fielding, [Legislative Liaison](#)
- Amylia Soden, [Right of Way Agent](#)

MassDOT Design Consultant

H&H (Hardesty & Hanover)

- Hank Pokigo, [Project Principal](#)
- Timothy Harrington, PE, [Deputy Project Manager](#)

MassDOT Stenographer Consultant

Advanced Court Reporters, LLC

- Stenographer

MassDOT Public Outreach Consultant

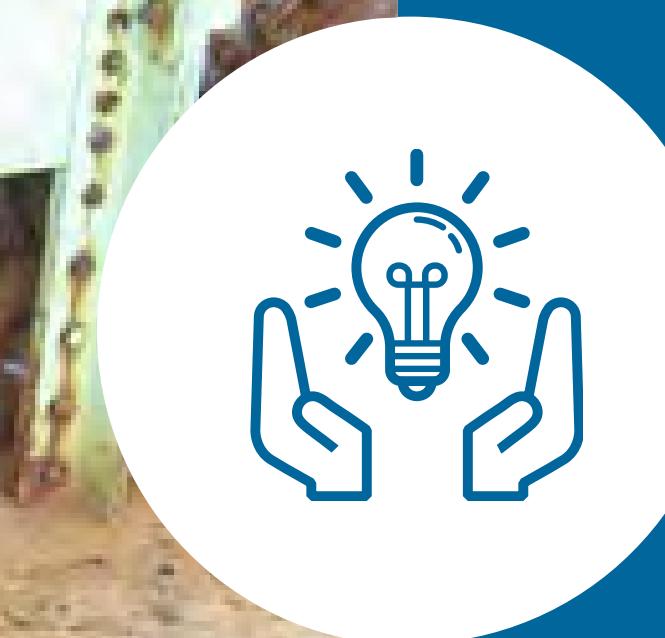
City Point/HDR

- Martin Nee, [Outreach Manager](#)

How did we get here?

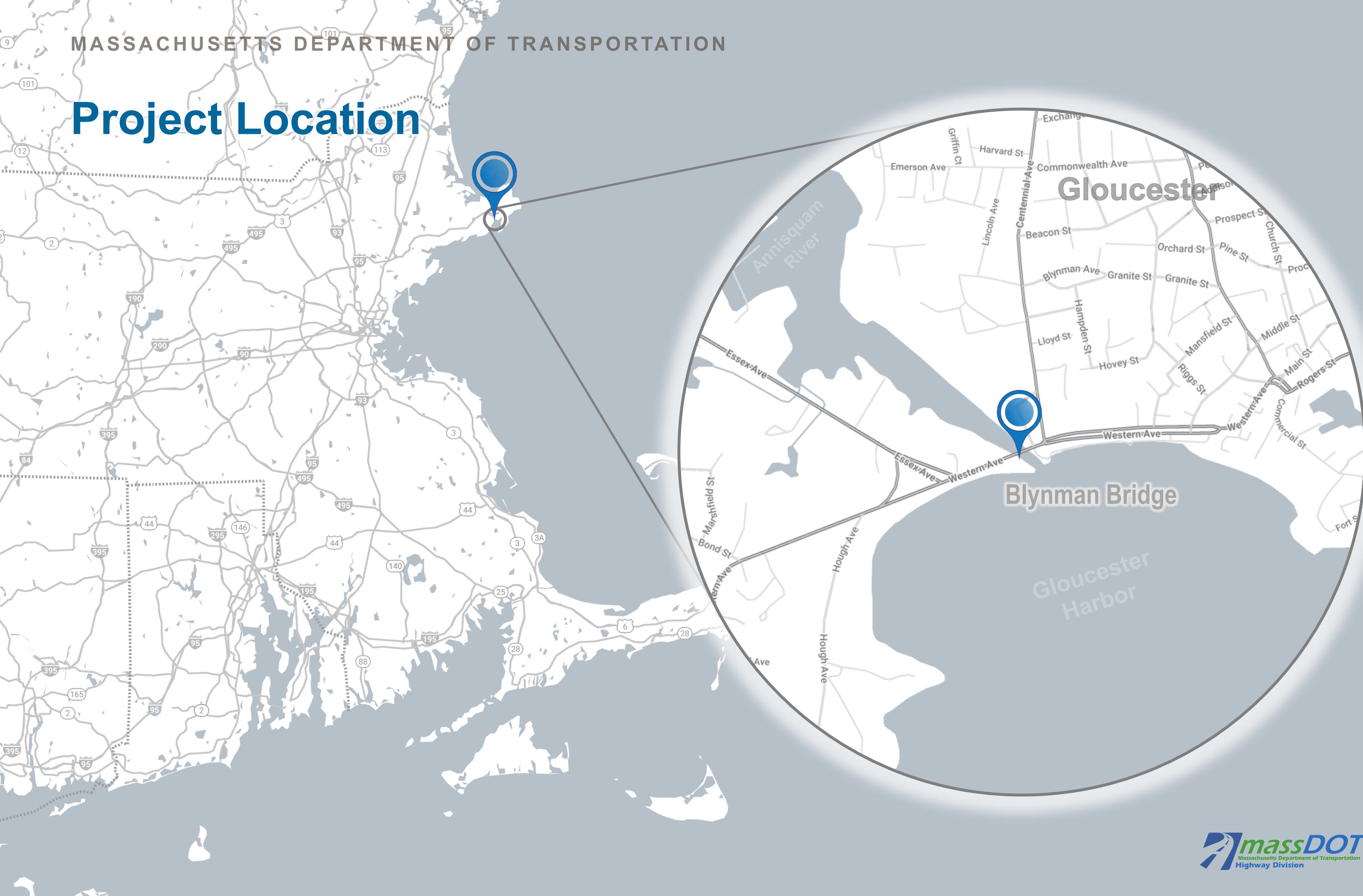


November 2022	February 2023	November 2024	May 2025	December 2025
In-person meeting with Mayor's Office	Public Information Meeting #1	Replacement bridge alternatives refinement Geotechnical boring program completed Hydraulics report refinement	Alternatives Preview with MassDOT	Public Information Meeting #2



Project Background

Project Location



Project Limits

Gloucester High School



Western Avenue (Route 127)

CRAB BEACH

Perkins Road

Centennial Avenue

Western Avenue

Gloucester Harbor

Stakeholder Coordination

- Navigation Channel Users
 - Commercial fishing
 - Recreational boating
 - Maritime construction / maintenance
- Bridge Users
 - Vehicular
 - Pedestrians and Bicyclists
- Emergency Services
- Local Government
- U.S. Coast Guard
- U.S. Army Corps of Engineers
- Residents/Businesses



Existing Conditions

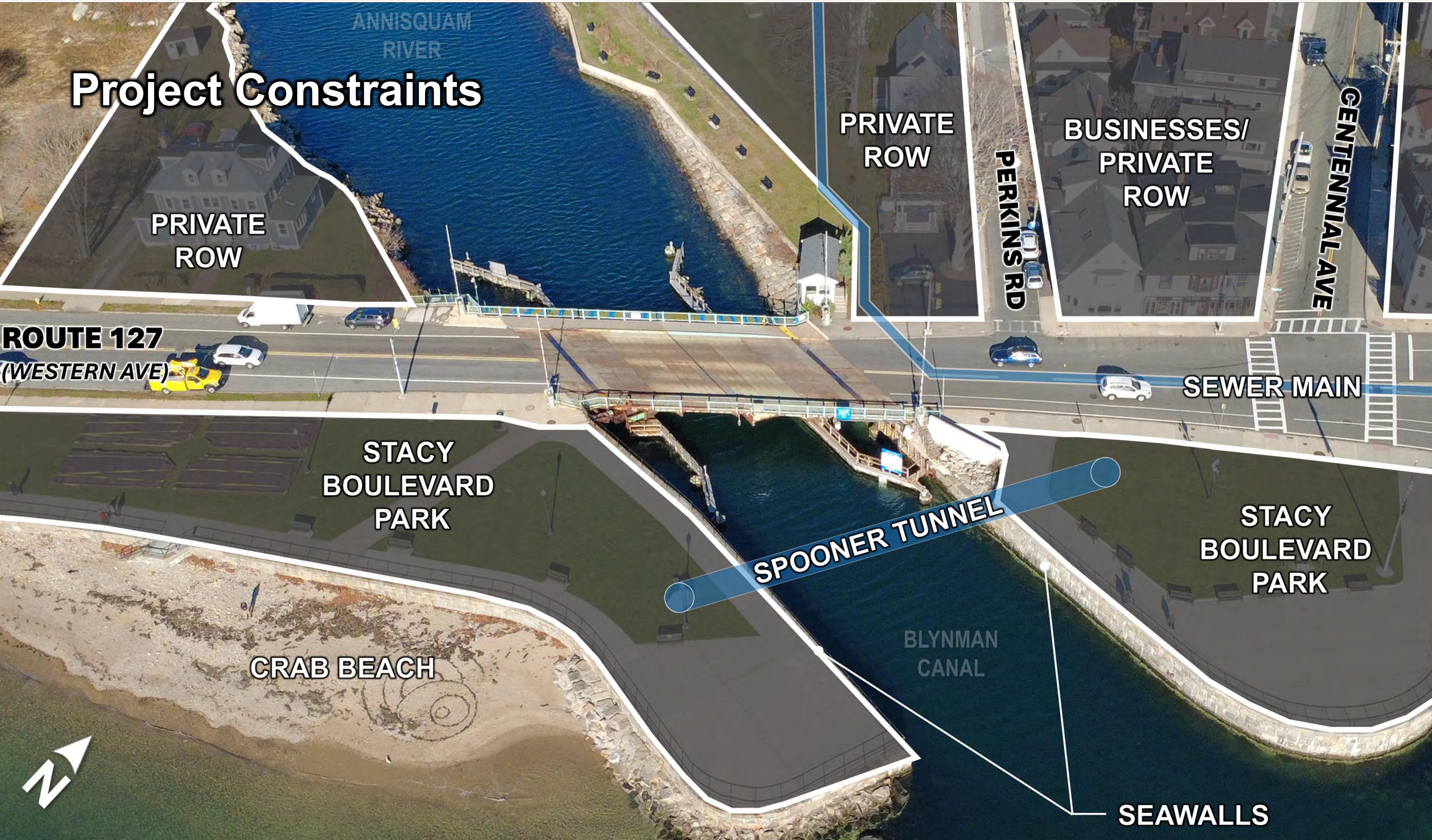
- Bridge is inspected by MassDOT personnel or consultants every two years
- Given age and design of bridge, some aspects are inspected annually
- Bridge operation is controlled and observed by an on-site operator



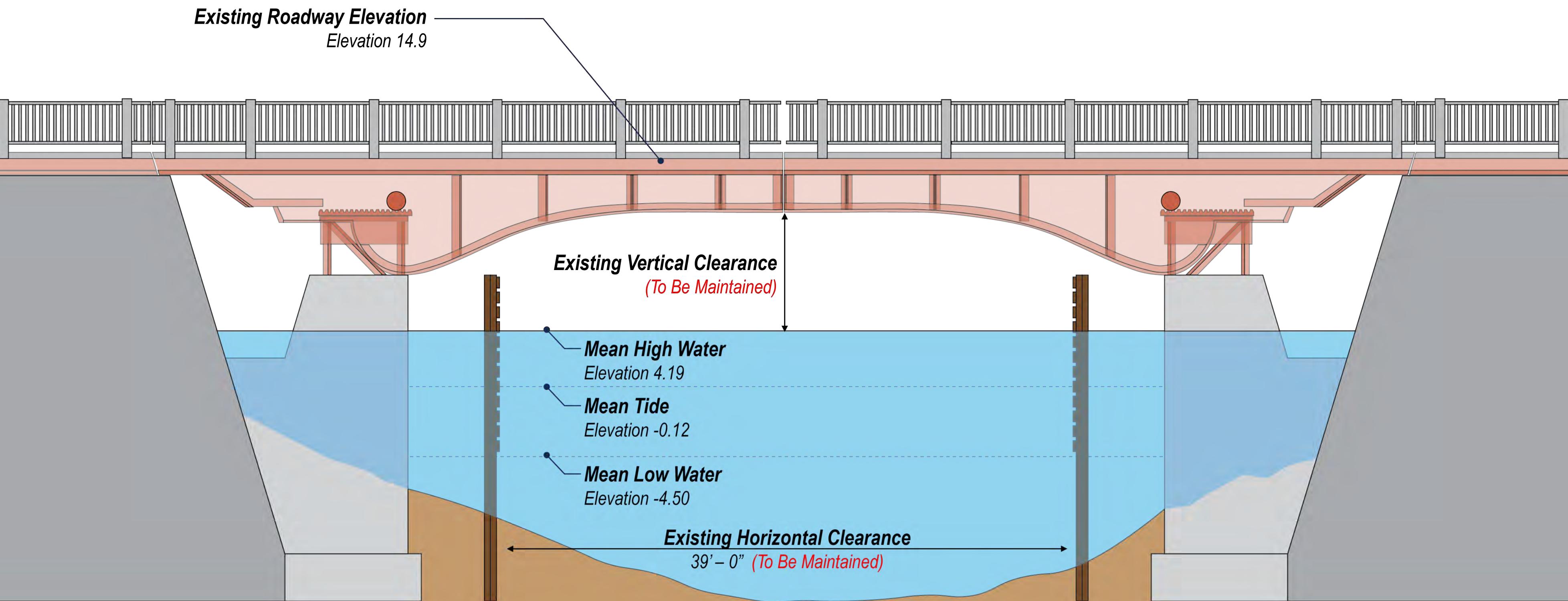
Current Bridge Condition



Project Constraints



Bridge Elevation



Flooding

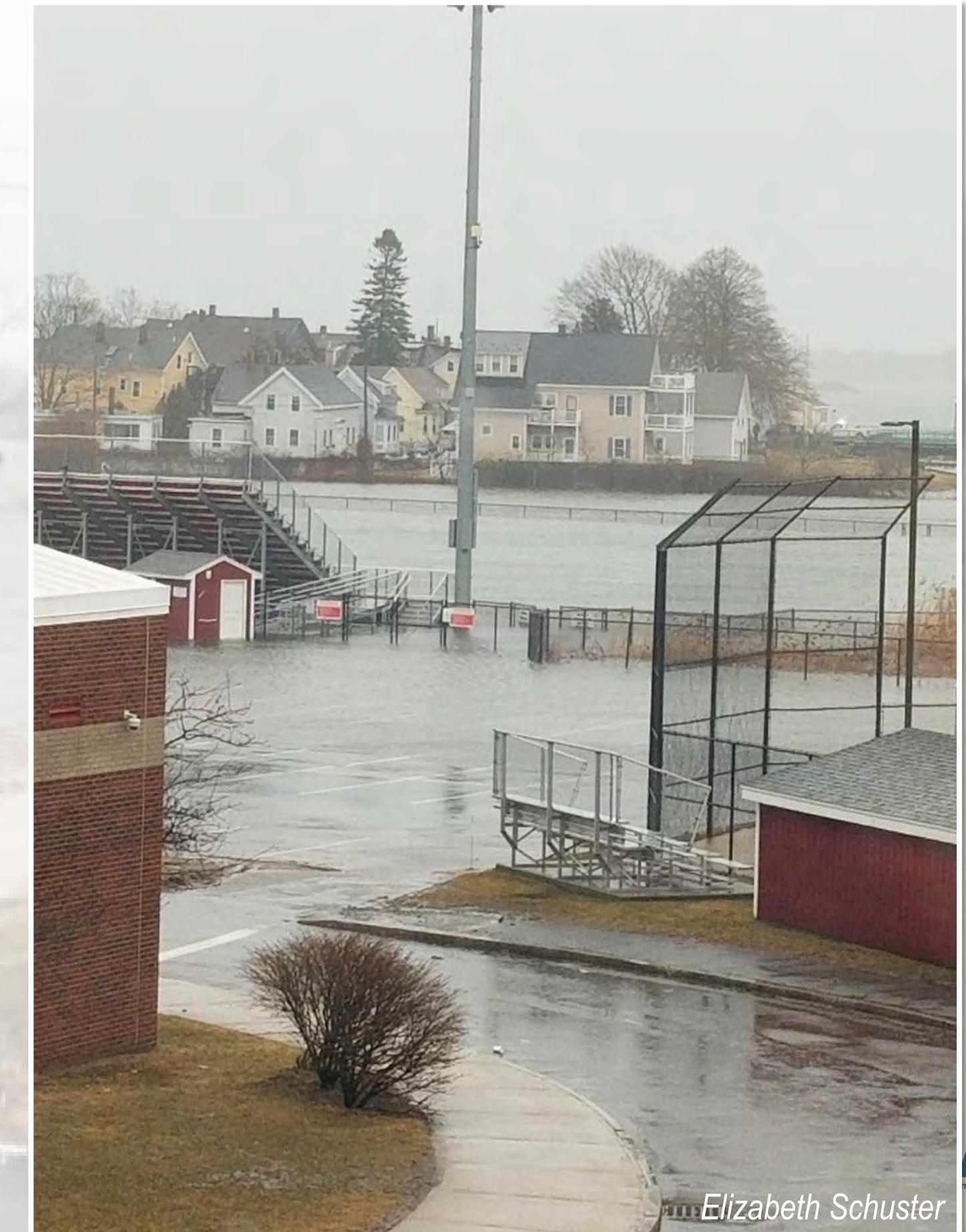
January 4, 2018



Elizabeth Schuster

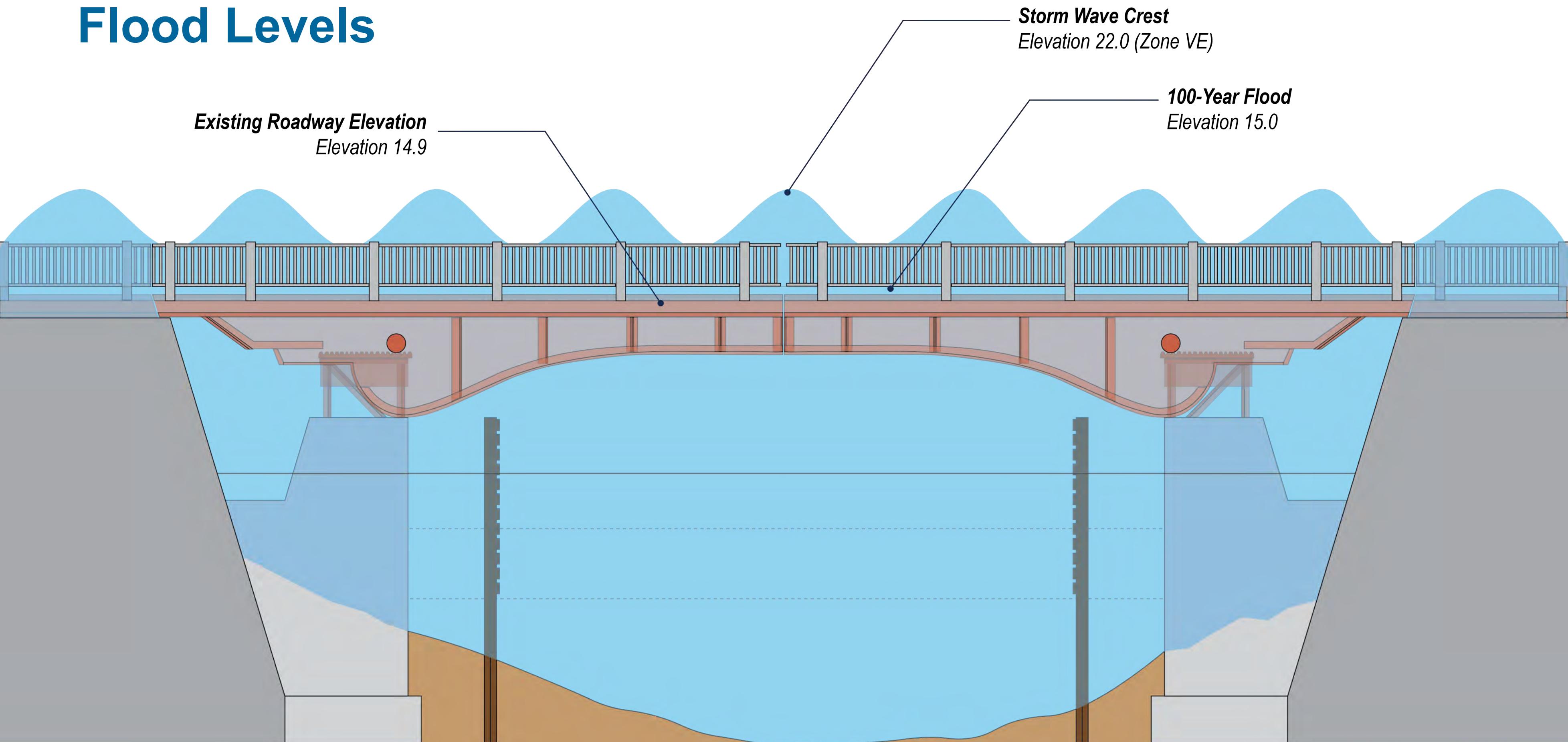


Elizabeth Schuster

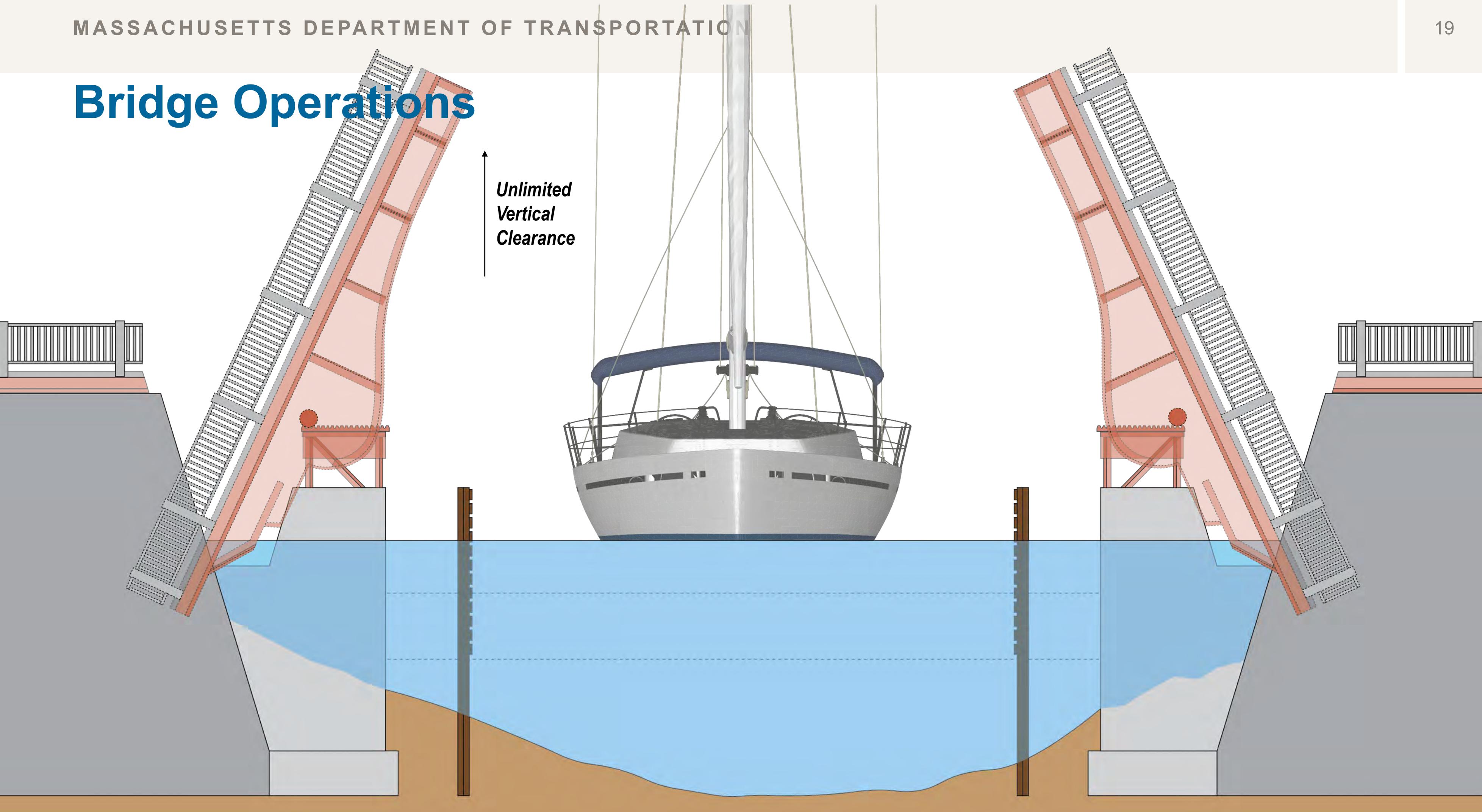


Elizabeth Schuster

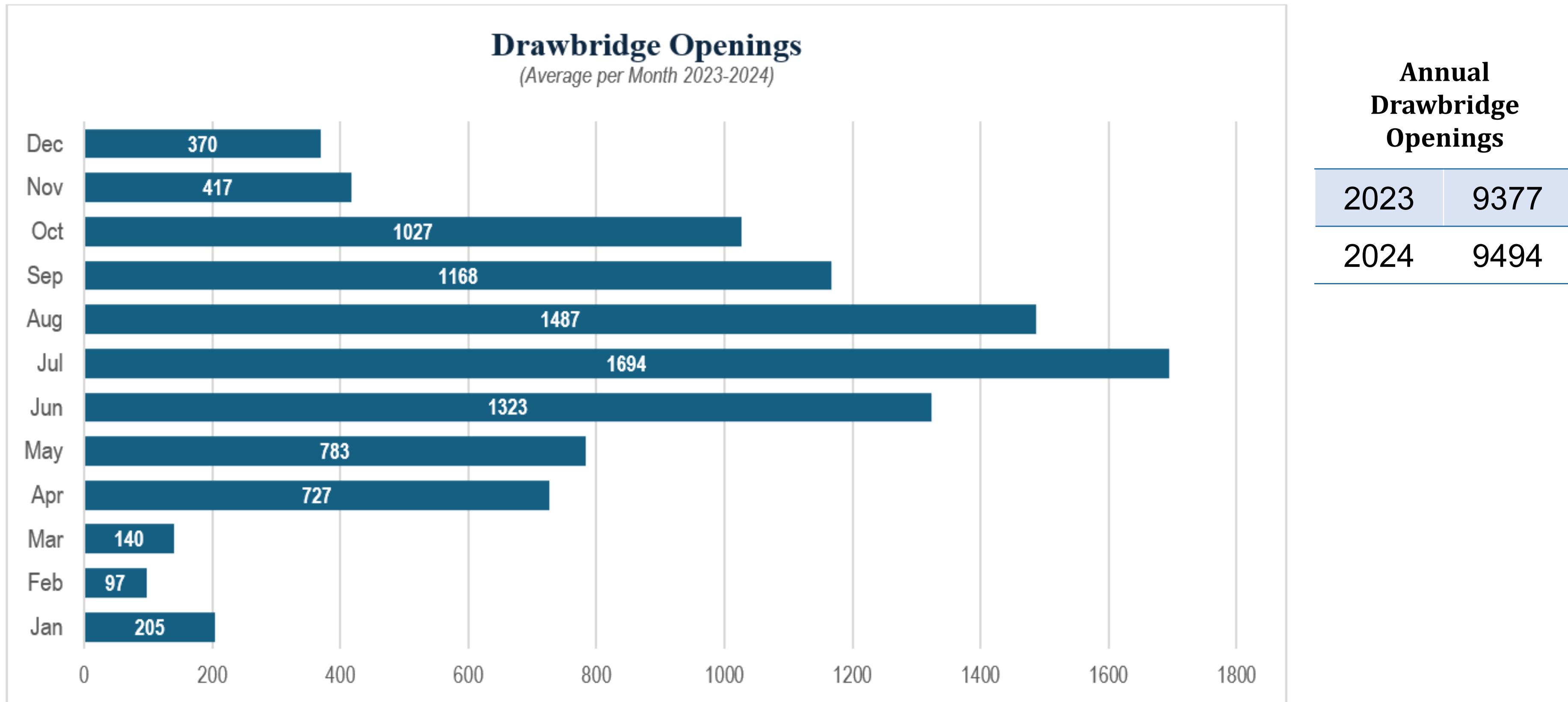
Flood Levels



Bridge Operations



Drawbridge Operations





Project Need & Goals

Project Needs and Goals

- Replace the existing bridge with a new durable bridge
- Maximize **resiliency** and **operational reliability**
- Provide safe passage for vehicular, bicycle, and pedestrian traffic
- Minimize impacts to properties (residences, businesses, parkland, etc.)
- Provide access through the Blynman Canal for all marine traffic users
- Minimize movable bridge open and close cycle duration
- Avoid impacts to the existing seawalls

Design Objectives

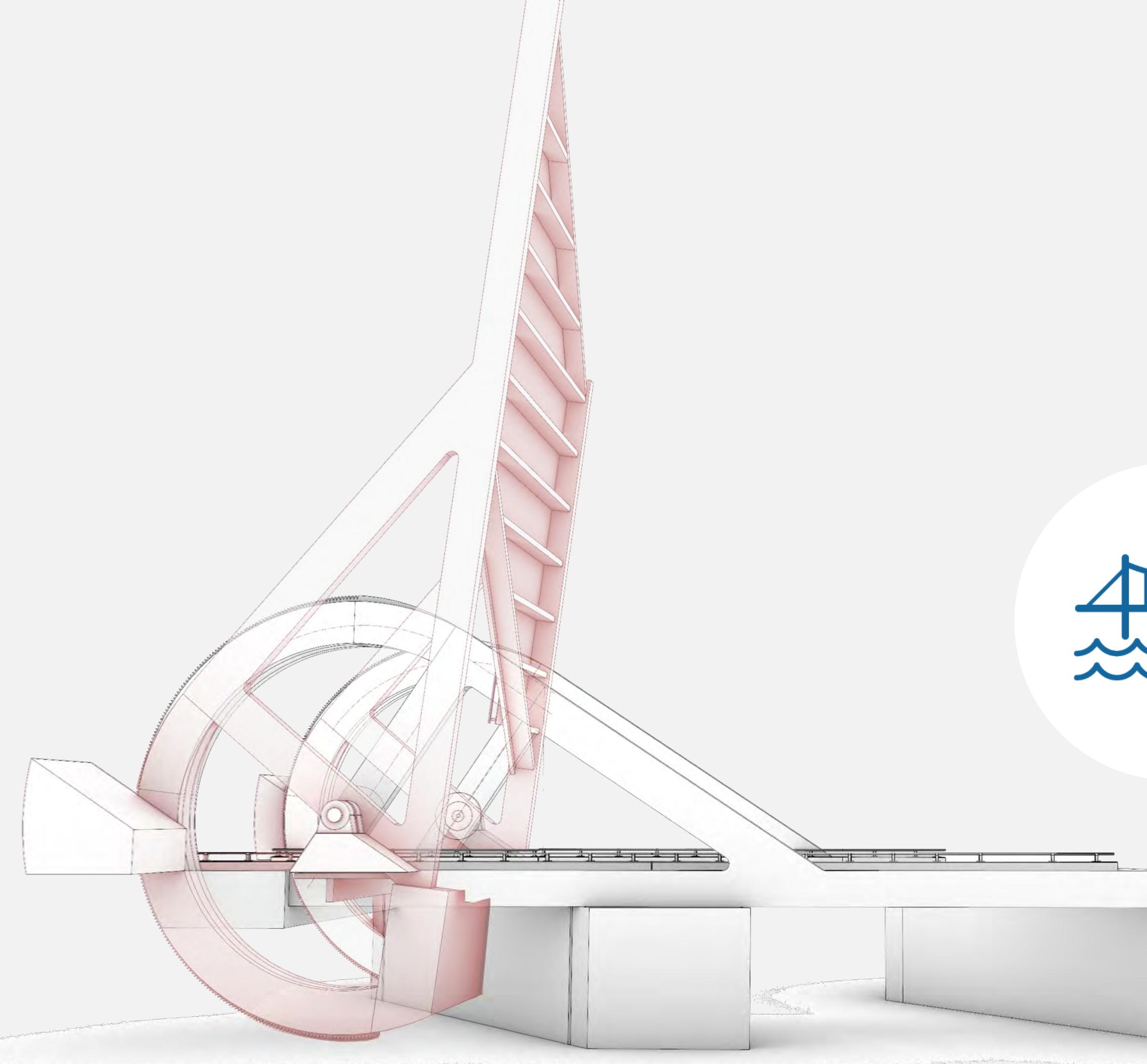
- Match approach roadway centerline and cross-section
- Provide separate sidewalk and bicycle on the north side of bridge
- Provide a Shared-Use Path on the south side of the bridge
- Maintain existing horizontal channel clearance (as a minimum)
- Maintain vertical clearances over mean high water (MHW)
- Locate bridge operating equipment above design flood level



Project Scope

- Replace existing bridge with new bridge
- Provide a temporary bypass and bridge for vehicles, bicycles, and pedestrians





**What
alternatives
were
considered?**

Public Information Meeting #1

February 2023

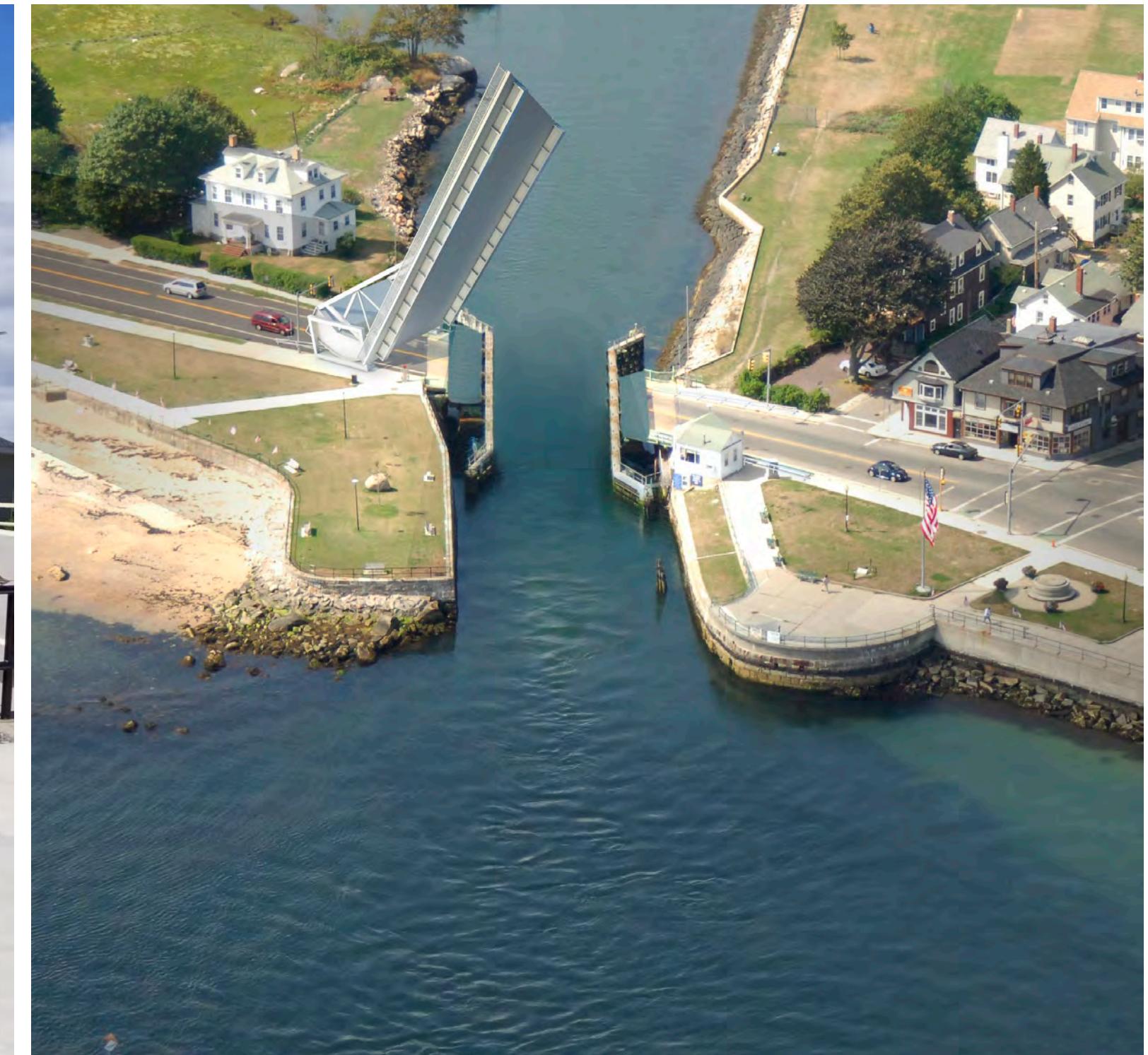
SINGLE-LEAF TRUNNION BASCULE



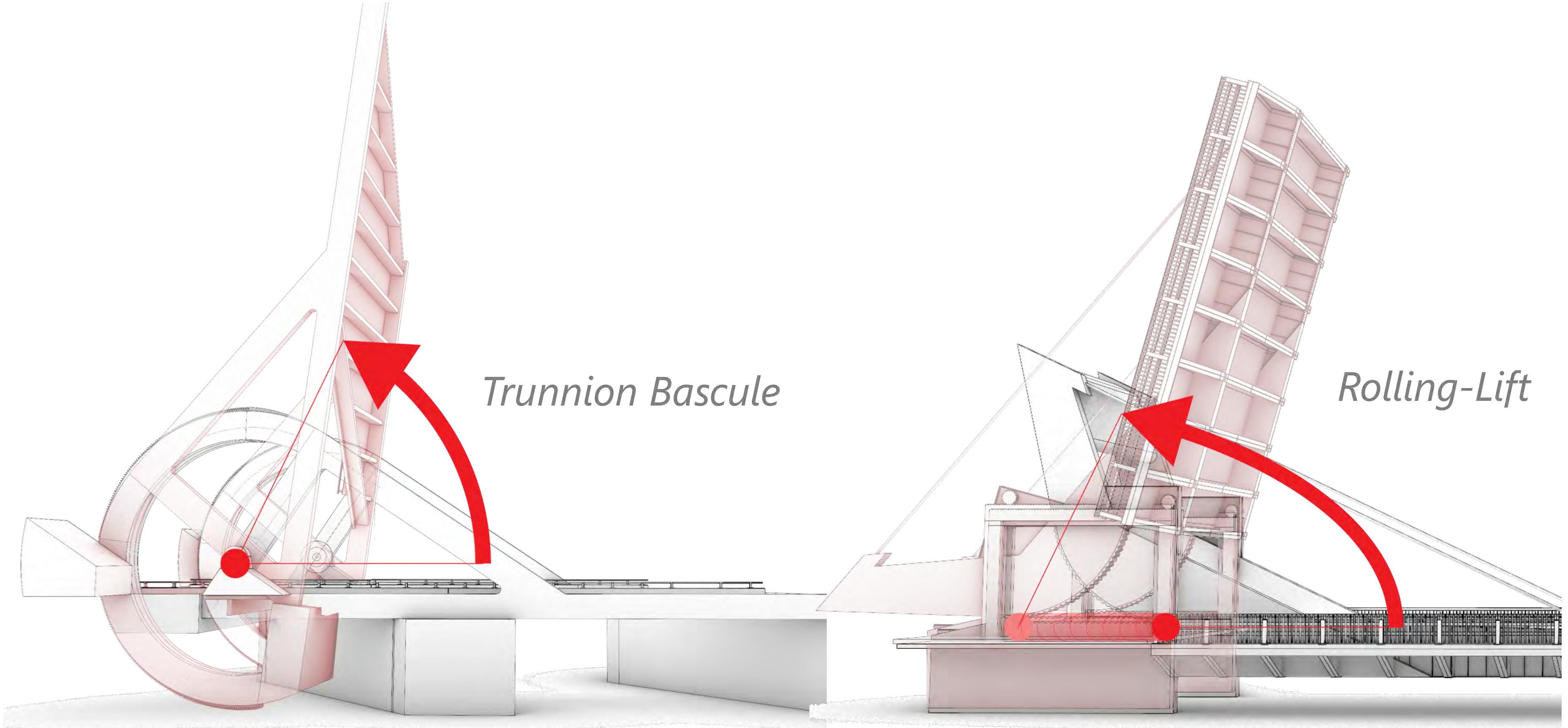
Public Information Meeting #1 (continued)

February 2023

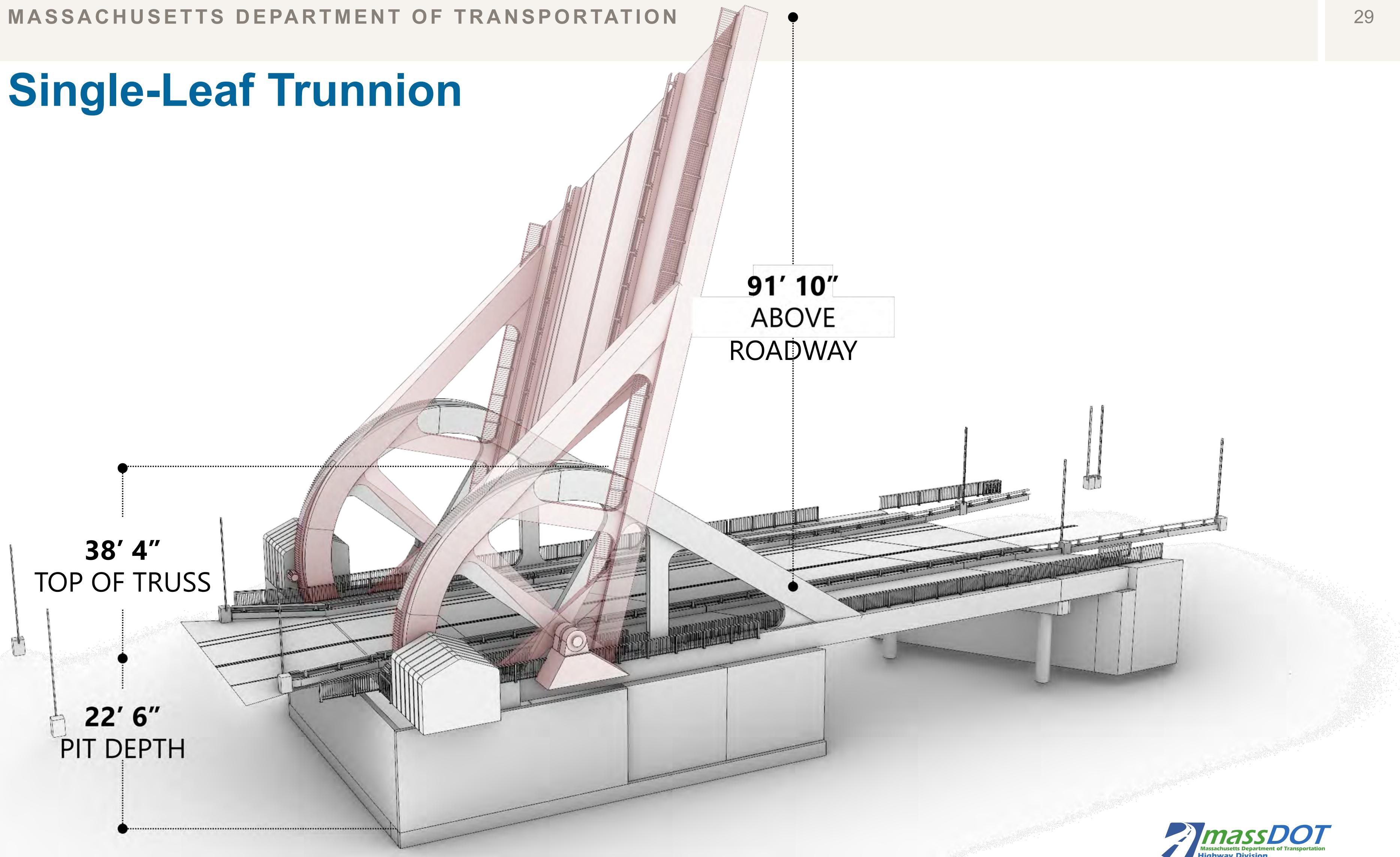
SINGLE-LEAF ROLLING-LIFT BASCULE



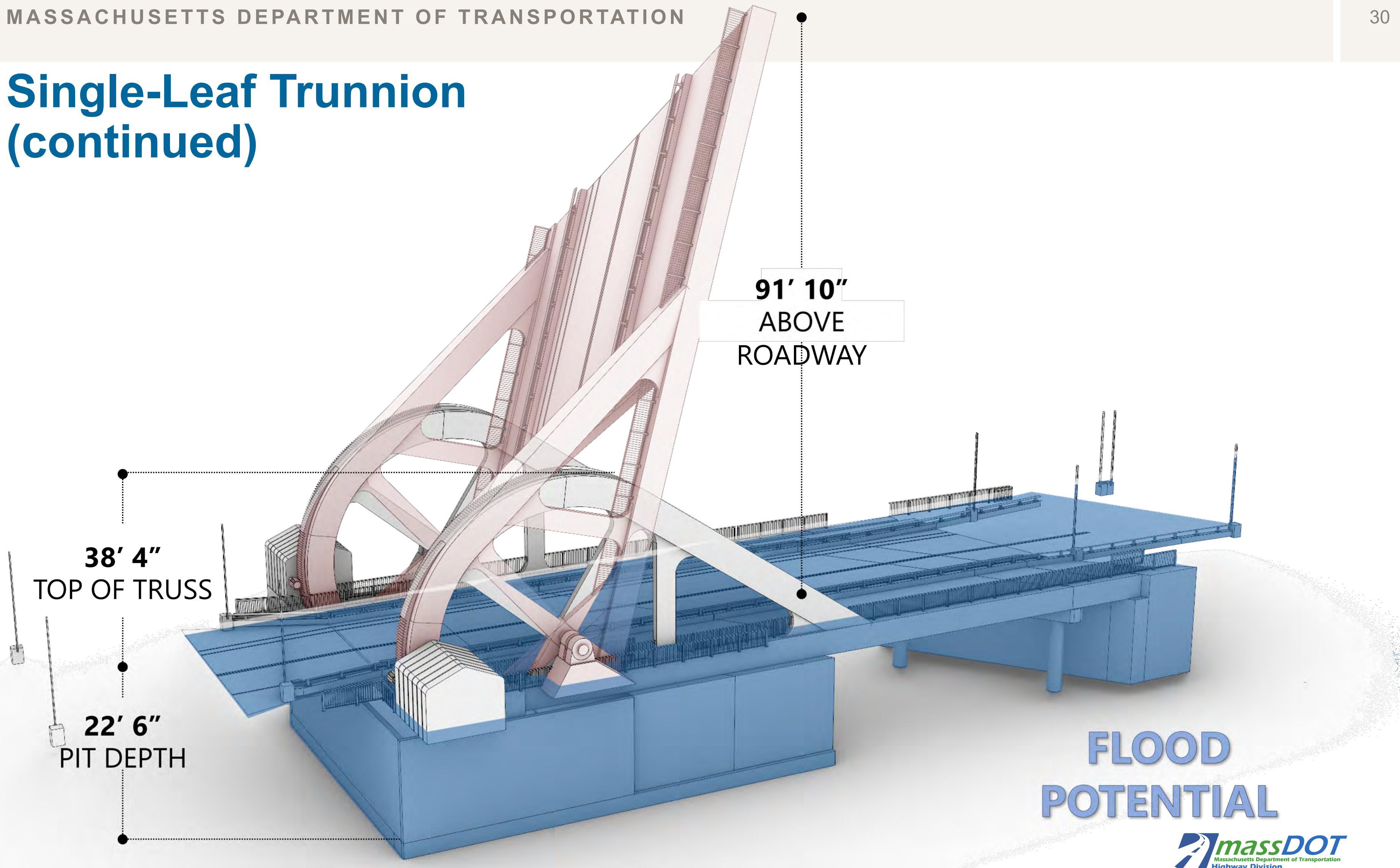
Trunnion Bascule and Rolling-Lift



Single-Leaf Trunnion



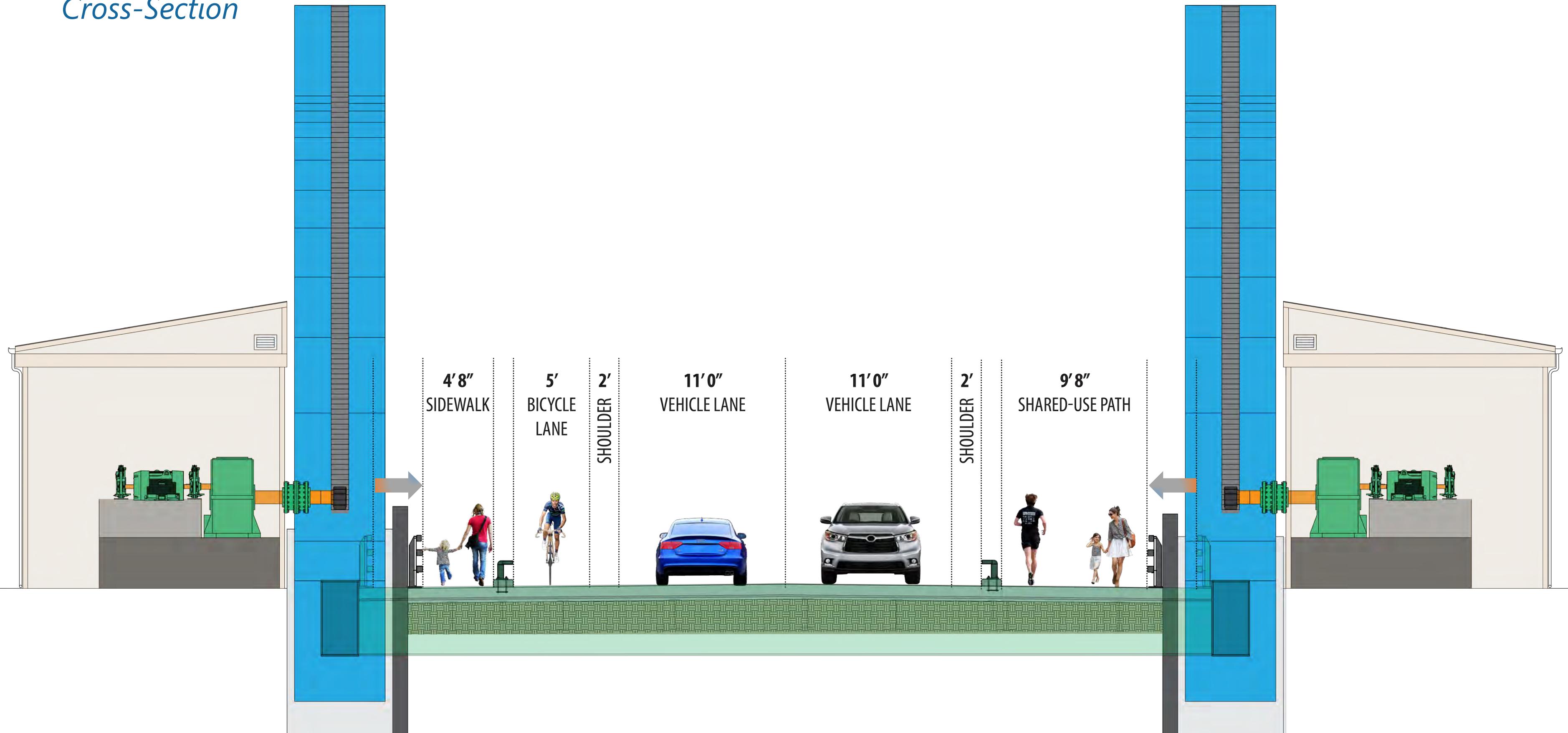
Single-Leaf Trunnion (continued)



**FLOOD
POTENTIAL**

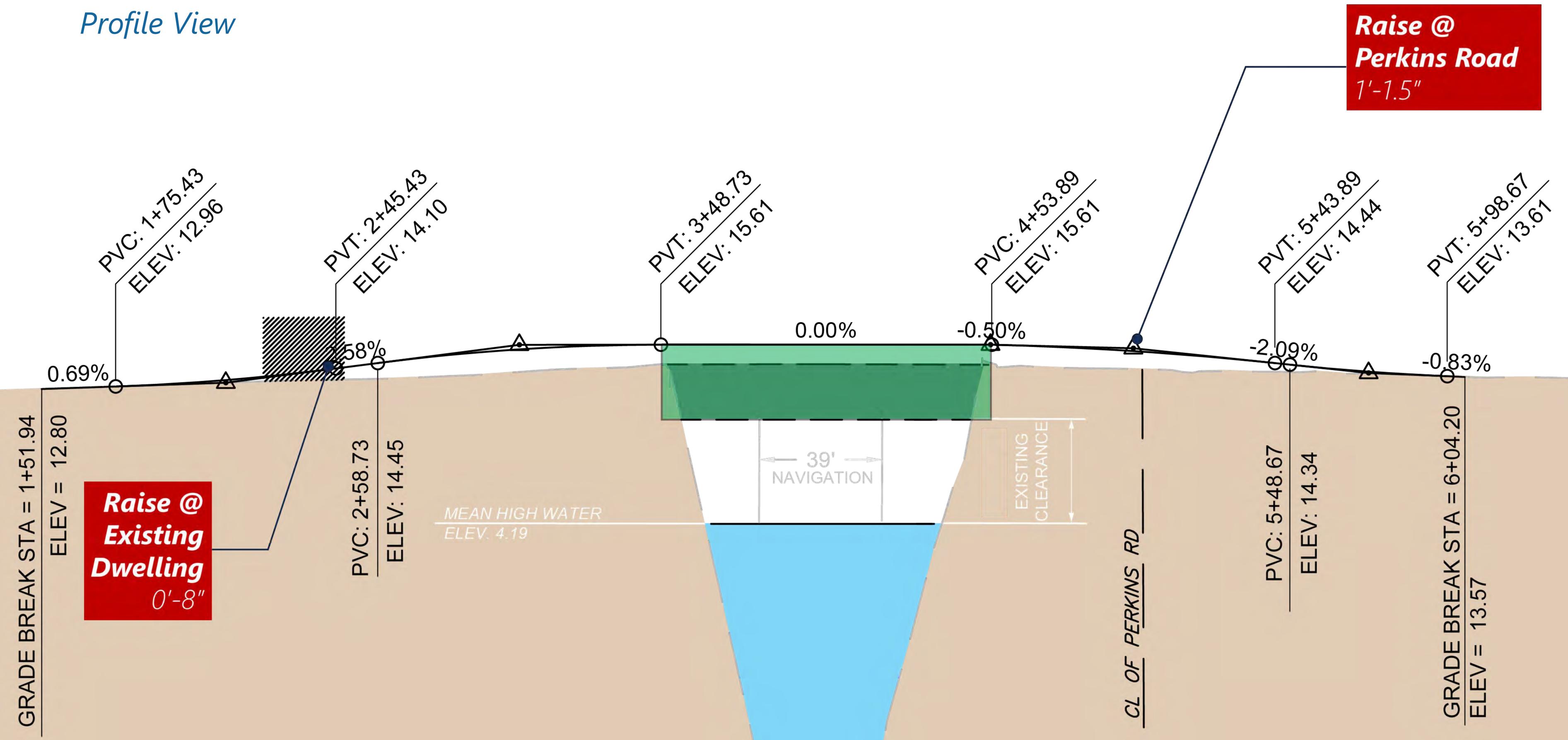
Single-Leaf Trunnion (view 1)

Cross-Section



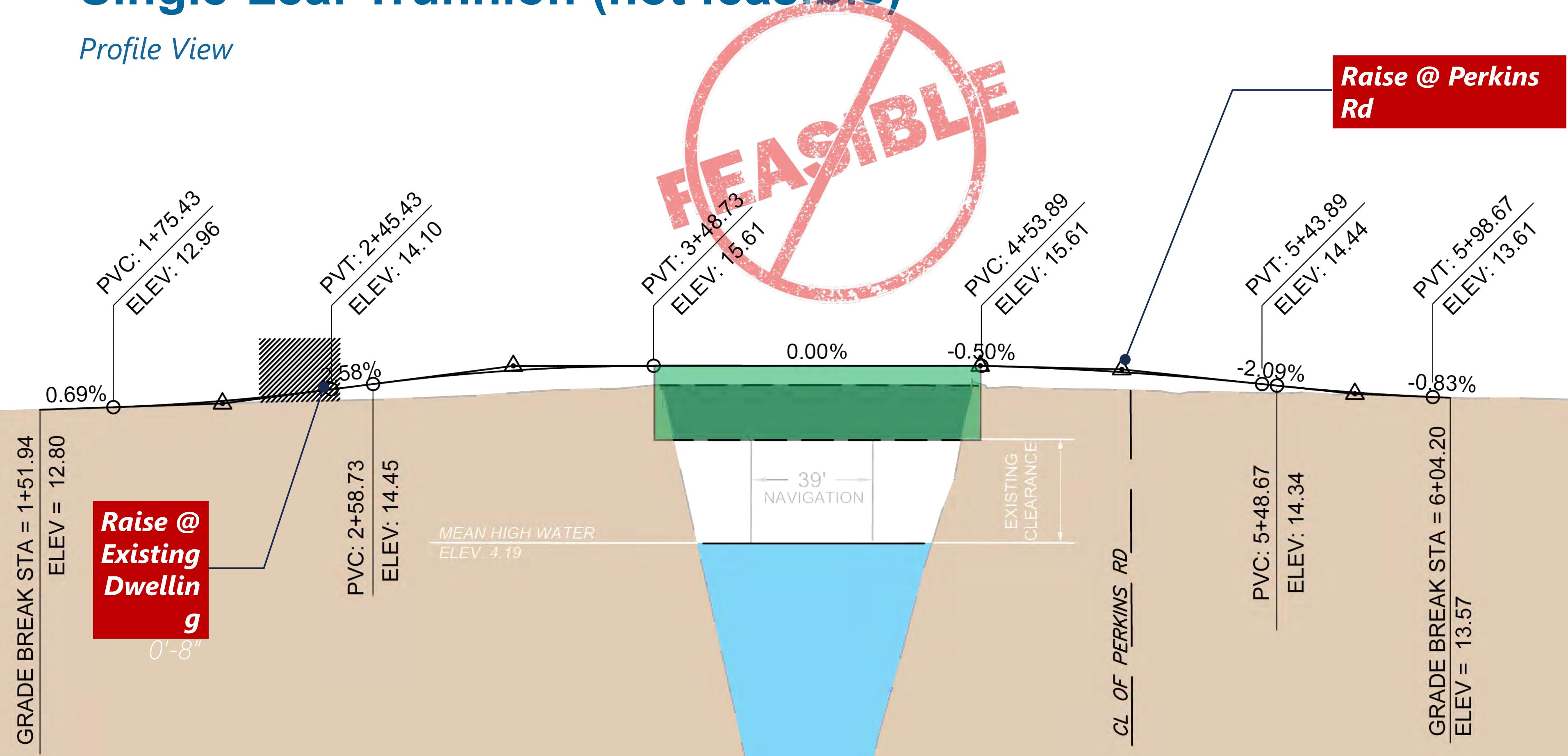
Single-Leaf Trunnion (view 2)

Profile View

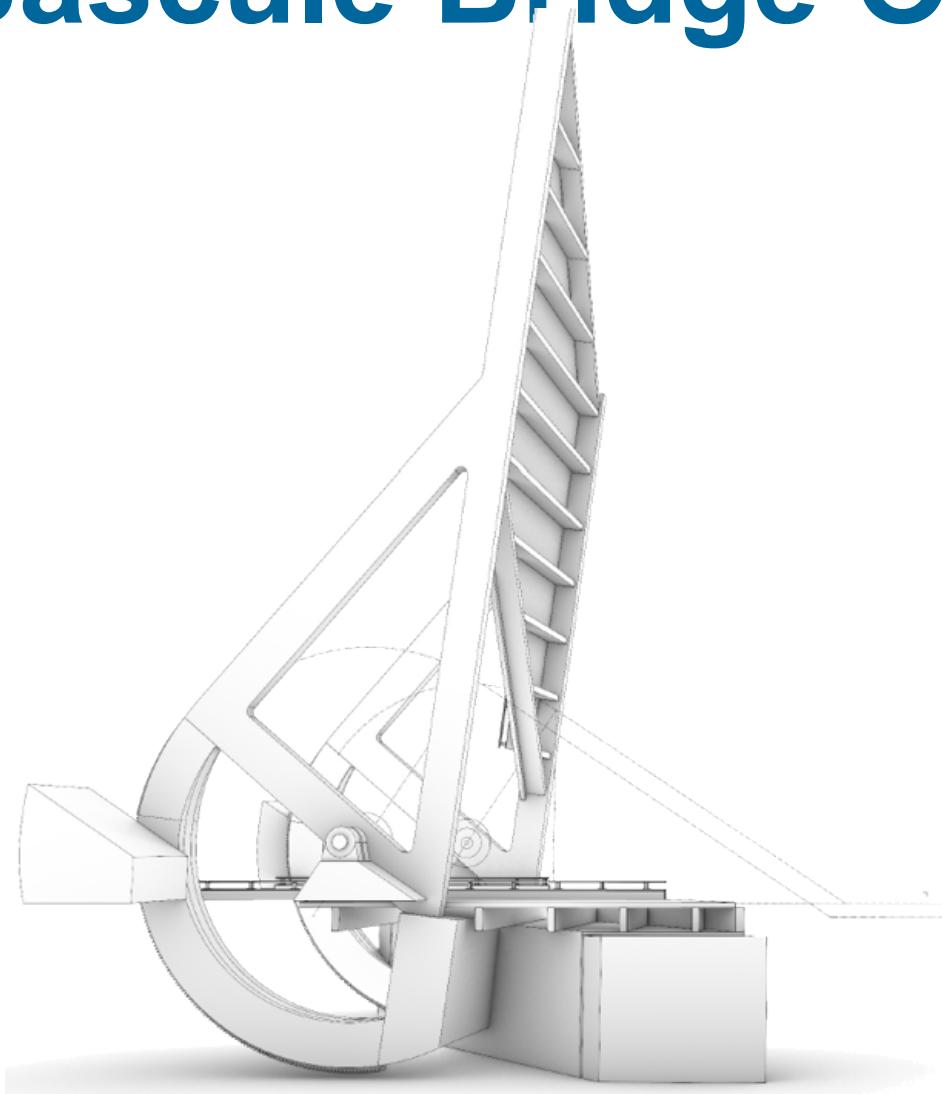


Single-Leaf Trunnion (not feasible)

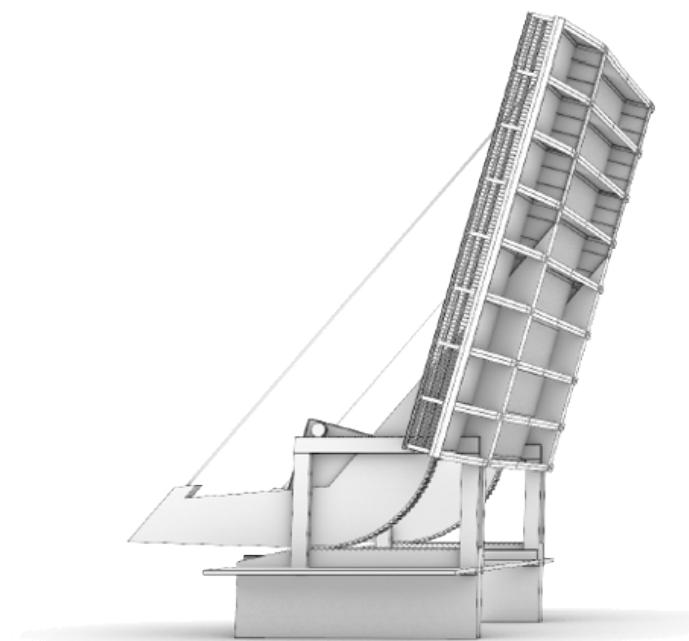
Profile View



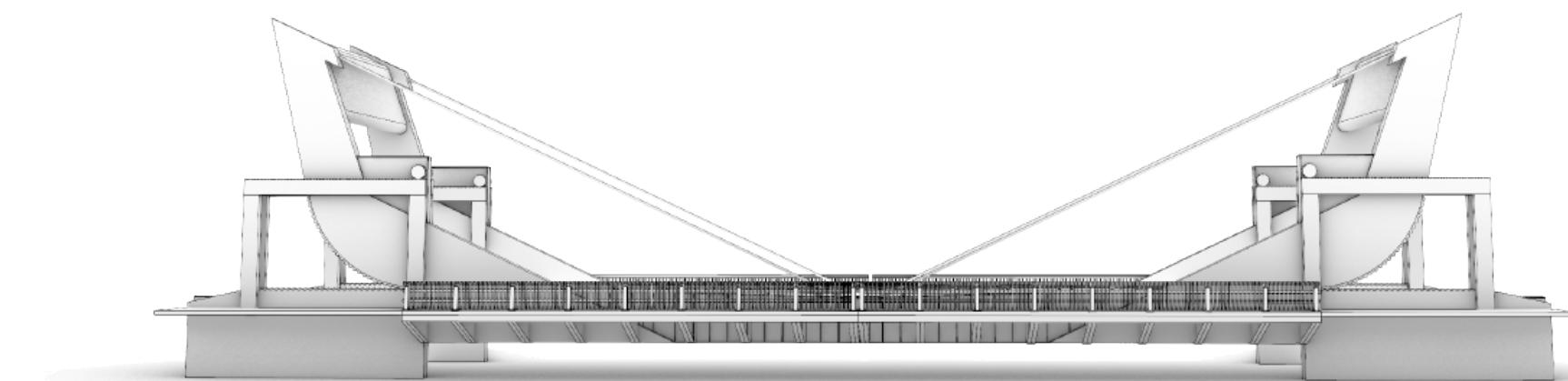
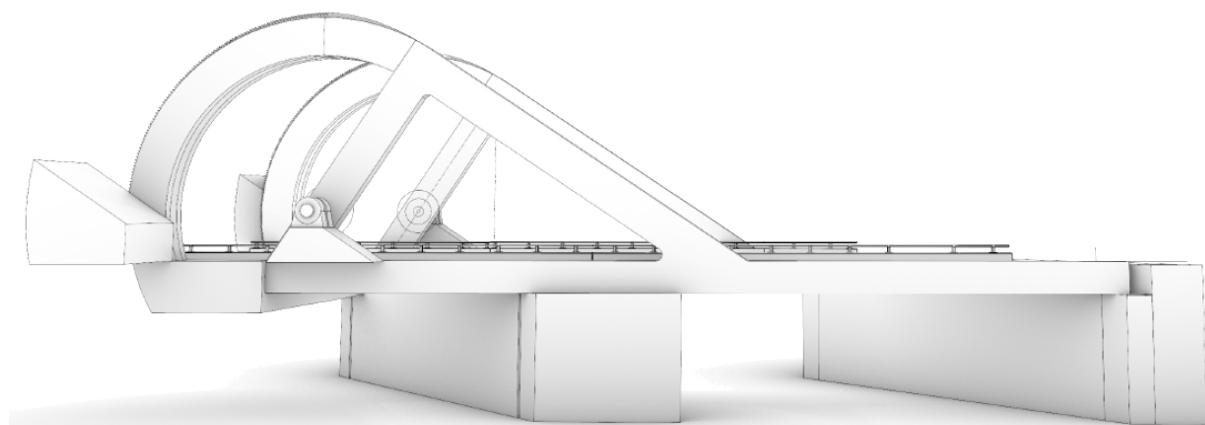
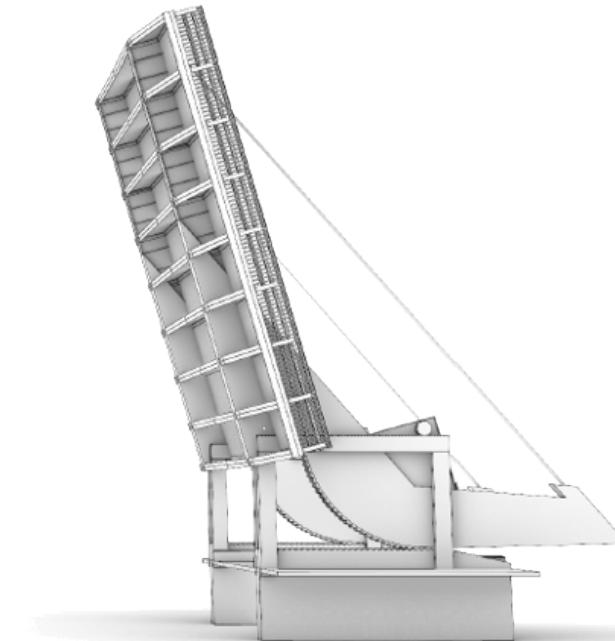
Bascule Bridge Options



Single-Leaf

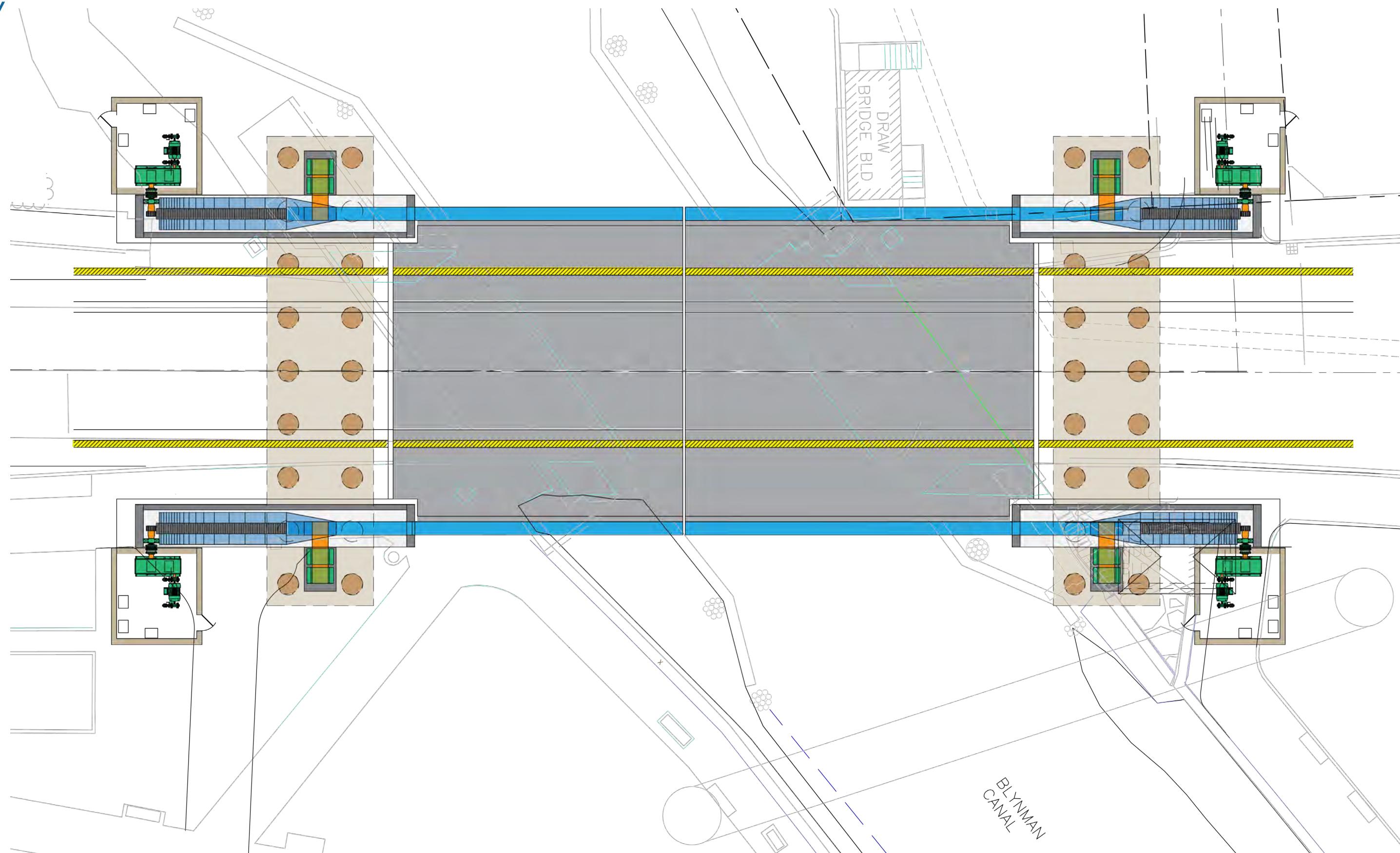


Double-Leaf



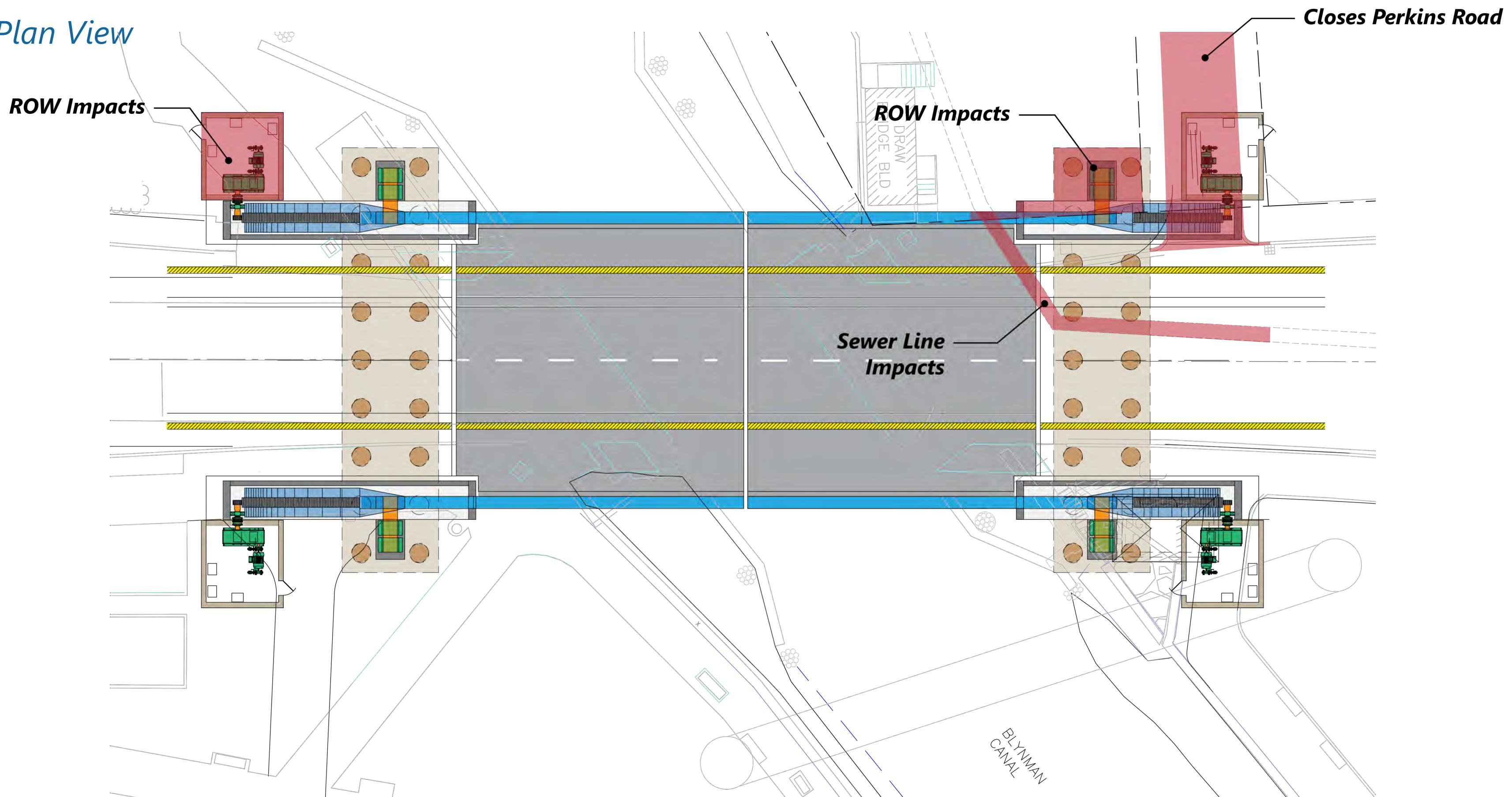
Double-Leaf Trunnion

Plan View



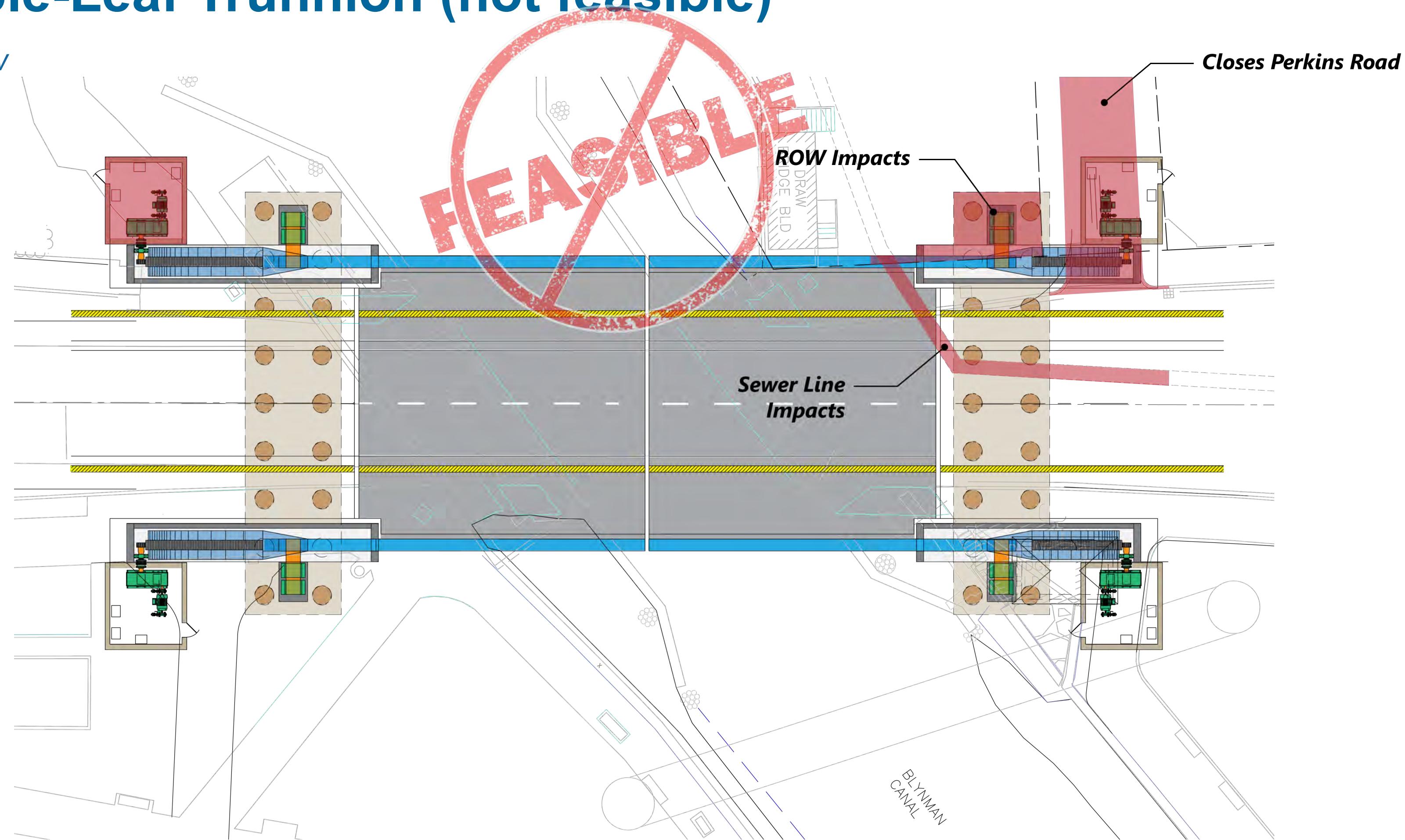
Double-Leaf Trunnion (continued)

Plan View



Double-Leaf Trunnion (not feasible)

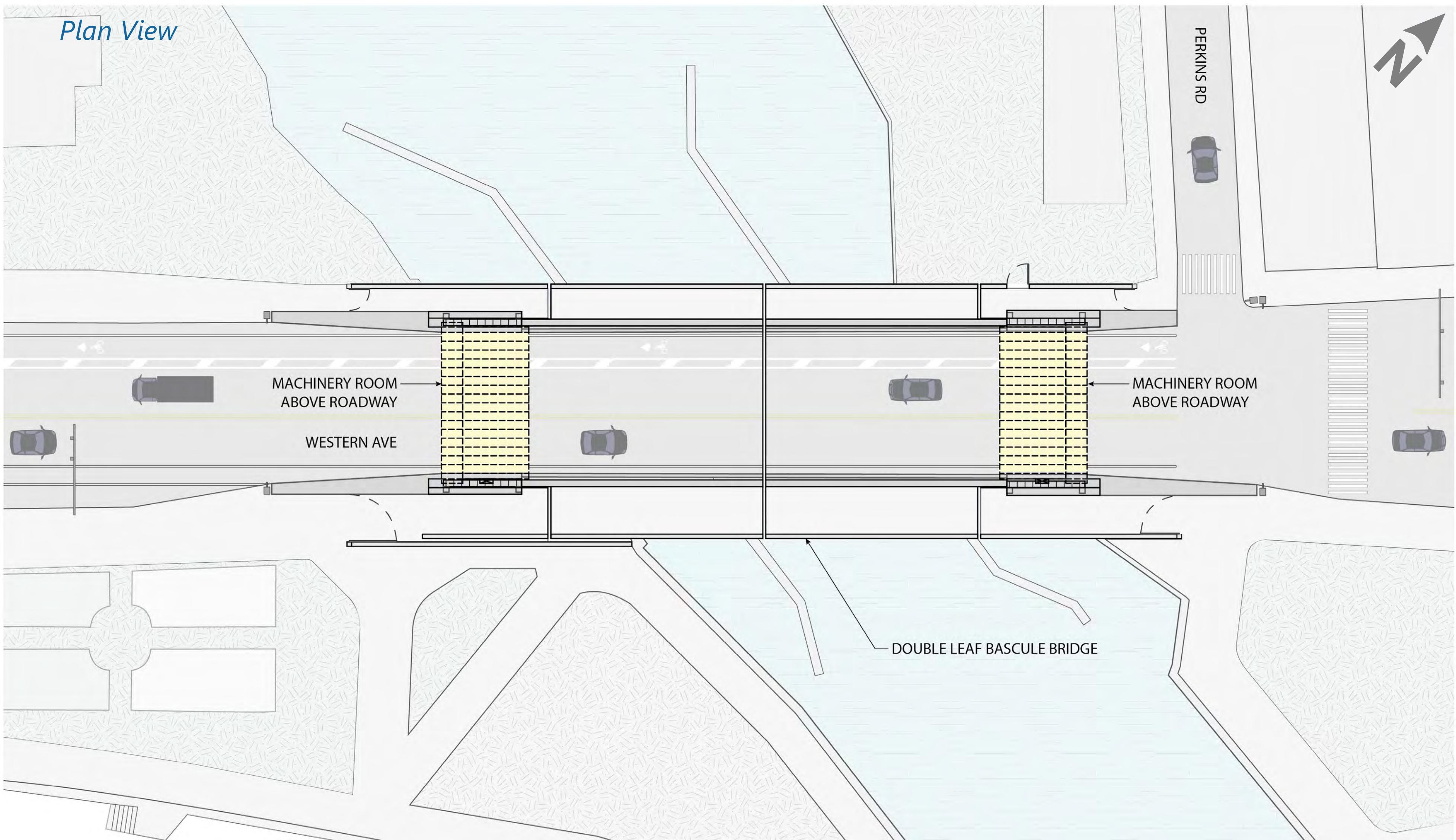
Plan View



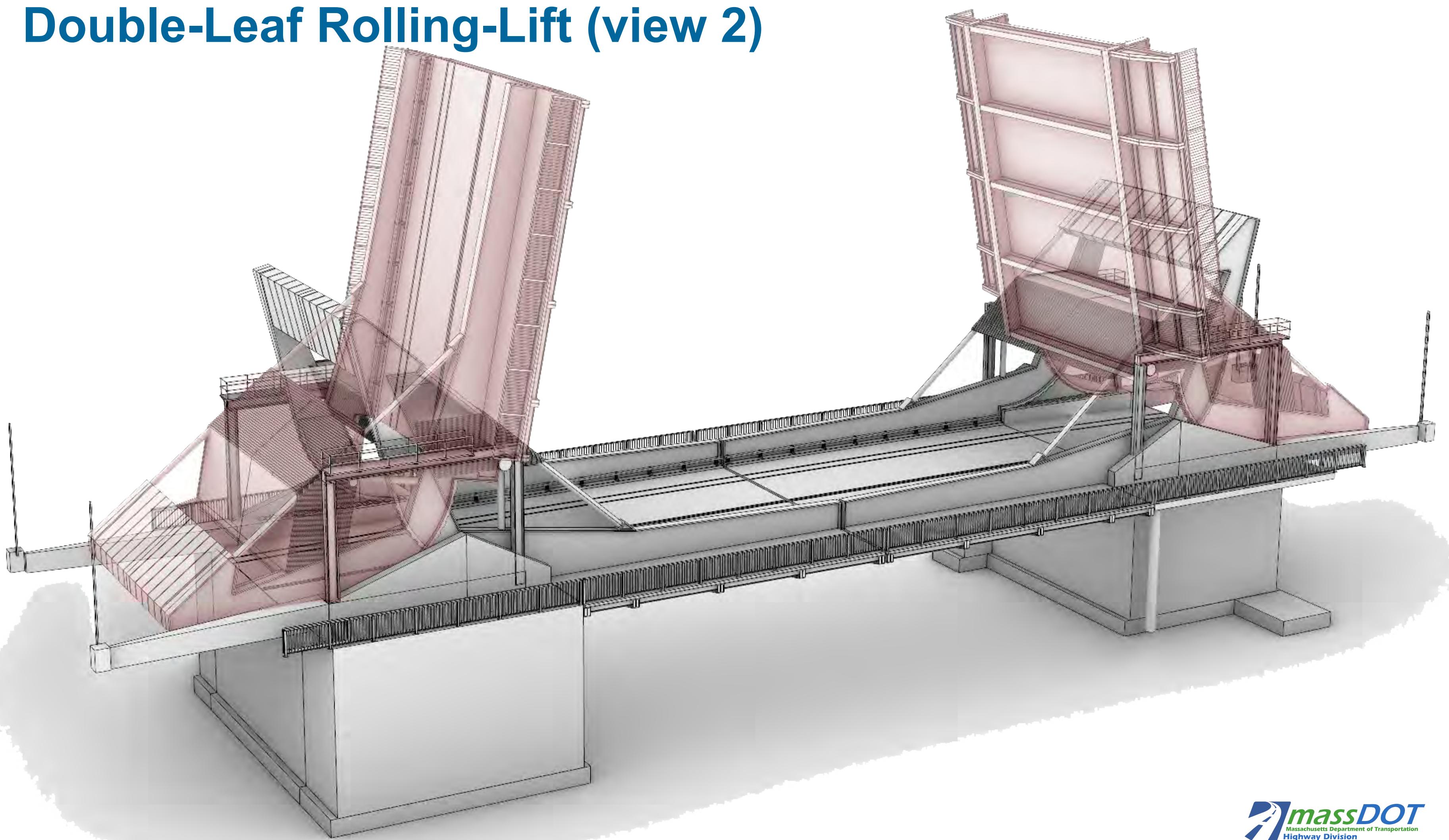


**Design
Solution**

Double-Leaf Rolling-Lift (view 1)



Double-Leaf Rolling-Lift (view 2)



Double-Leaf Rolling-Lift (view 3)

Cross-Section



**Gloucester
Harbor**

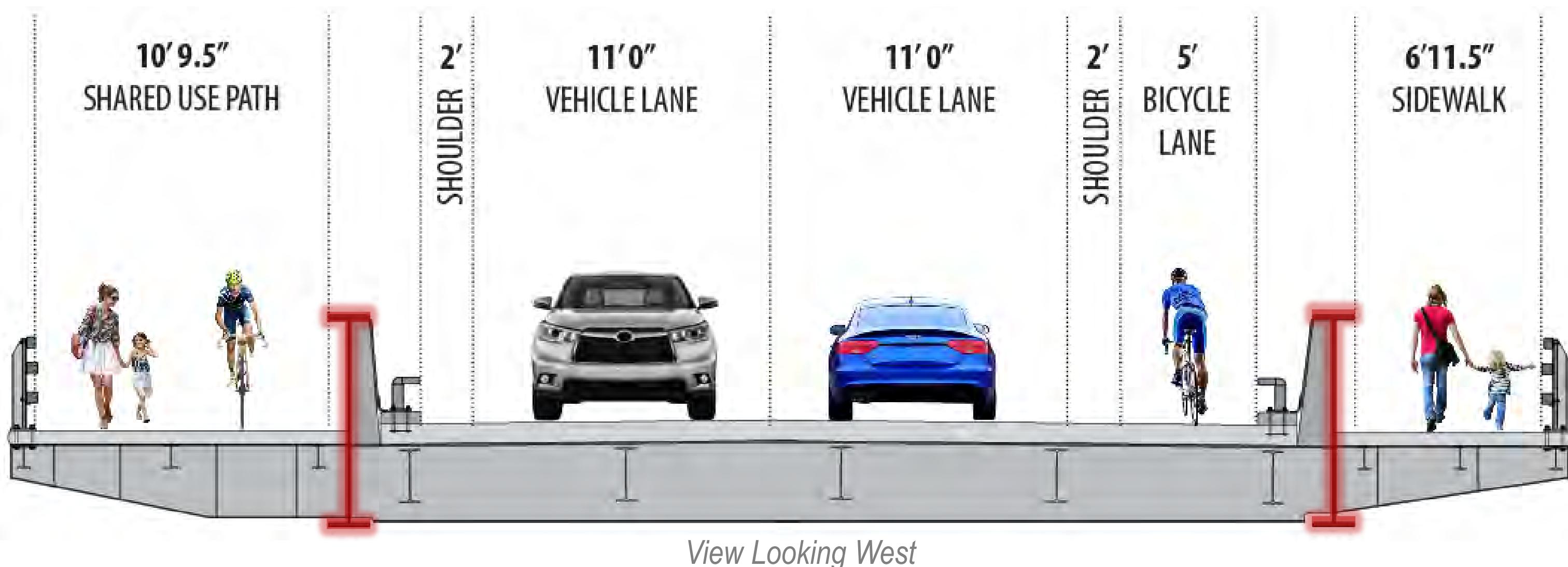


**Annisquam
River**



Double-Leaf Rolling-Lift (view 4)

Cross-Section



Gloucester
Harbor

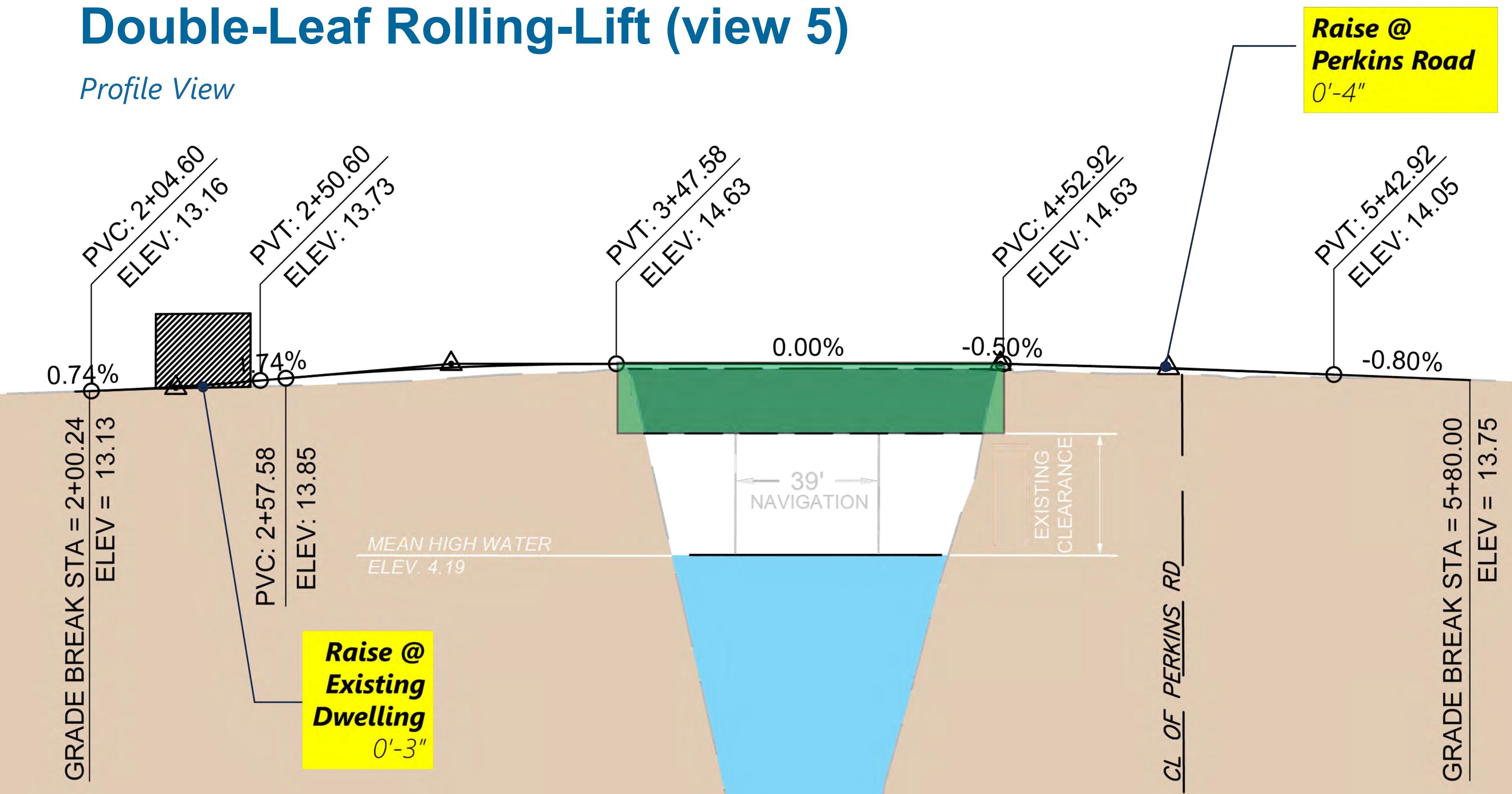


Annisquam
River



Double-Leaf Rolling-Lift (view 5)

Profile View



Double-Leaf Rolling-Lift Bascule (view 1)

View from West Side of Park Looking North – Bridge Closed



Double-Leaf Rolling-Lift Bascule (view 2)

View from West Side of Park Looking North – Bridge Open

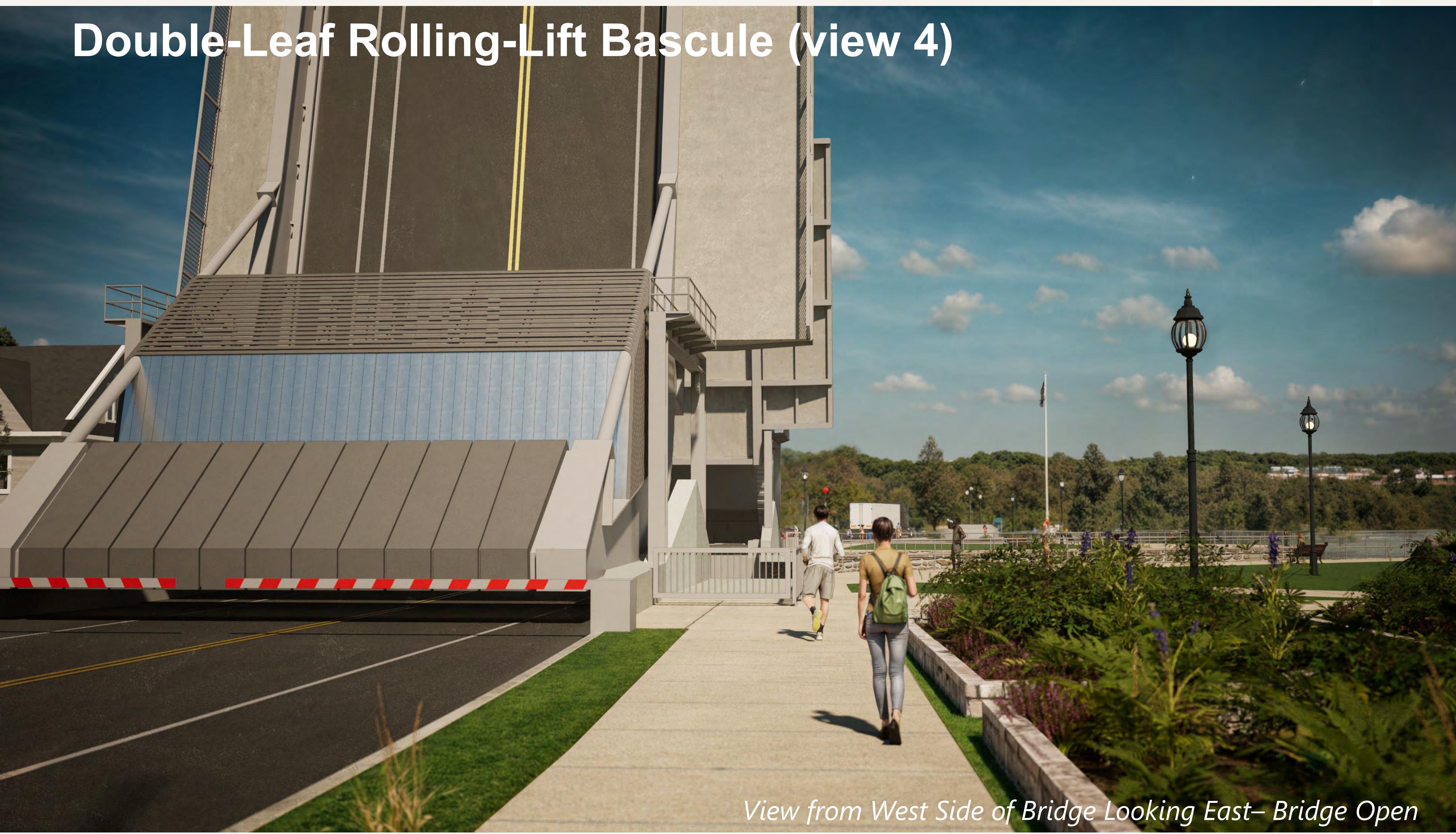


Double-Leaf Rolling-Lift Bascule (view 3)



View from West Side of Bridge Looking East – Bridge

Double-Leaf Rolling-Lift Bascule (view 4)



View from West Side of Bridge Looking East– Bridge Open



**How will your
property be
impacted?**

Preliminary Right of Way (ROW) Discussion

- 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 responsible agency.
 - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
- Currently anticipating small fee takings for bridge maintenance clearance and minor easements for grading and relocated utility poles.
- Preliminary ROW drawings will be available at the final design stage.

At this stage of design, the Right of Way process has not been finalized. This meeting is an opportunity for the public to comment on any impacts to properties.

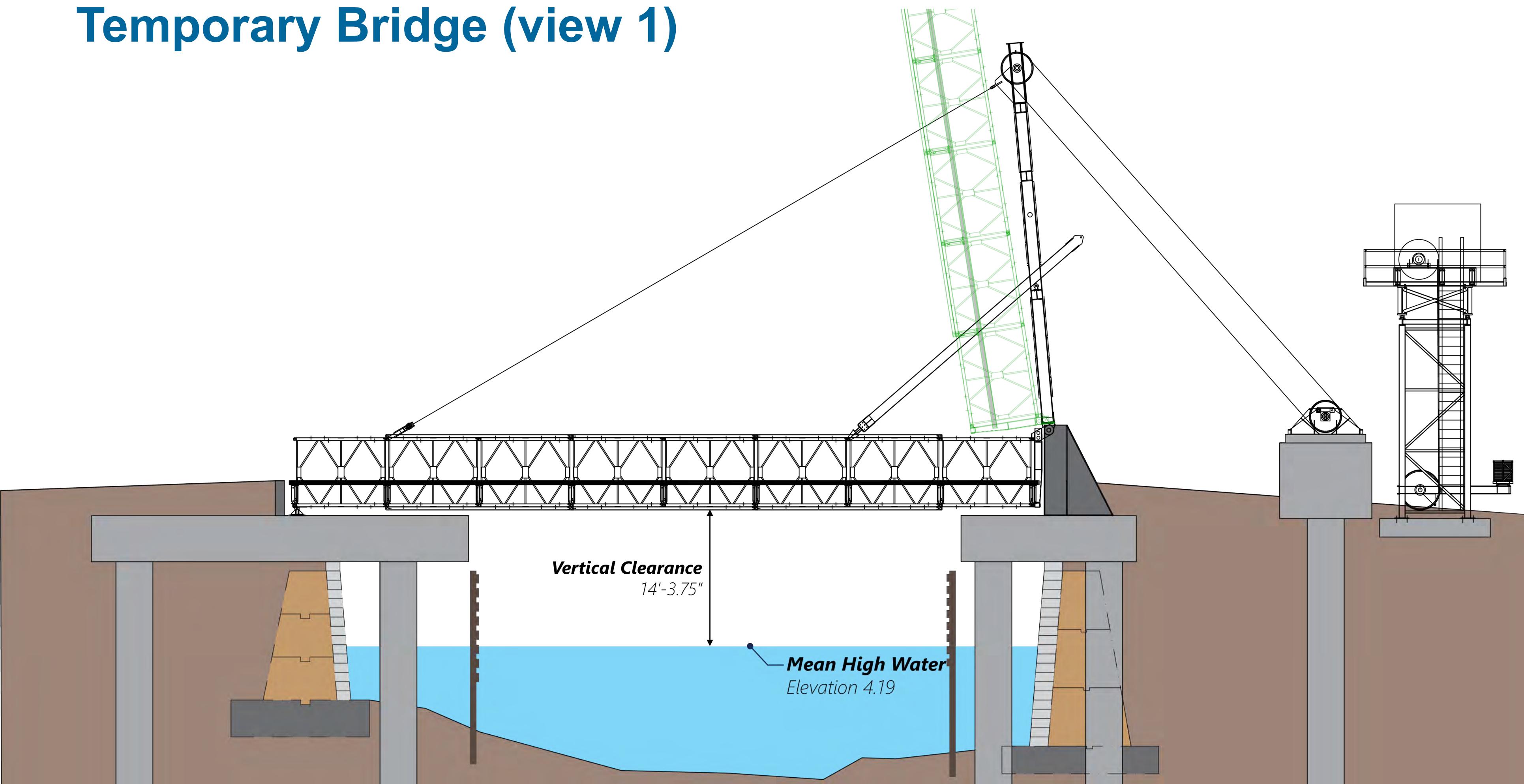


**Construction
Approach?**

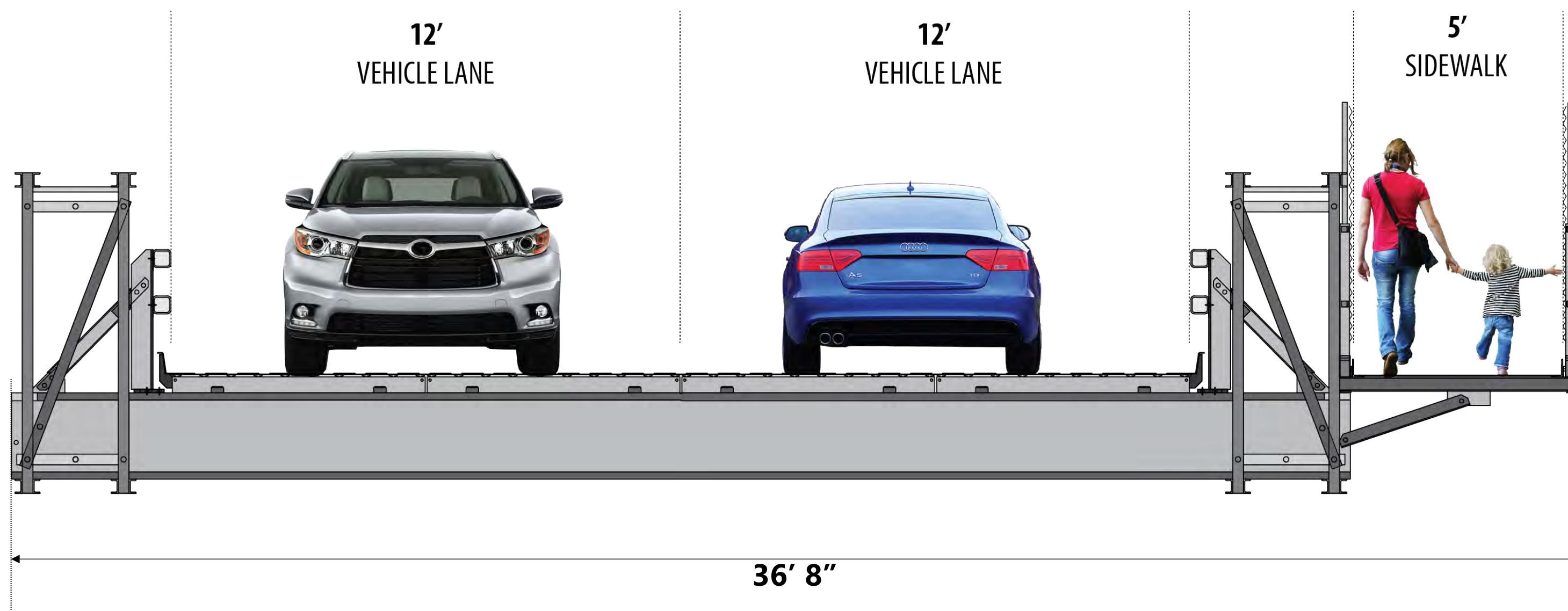
Temporary Bypass



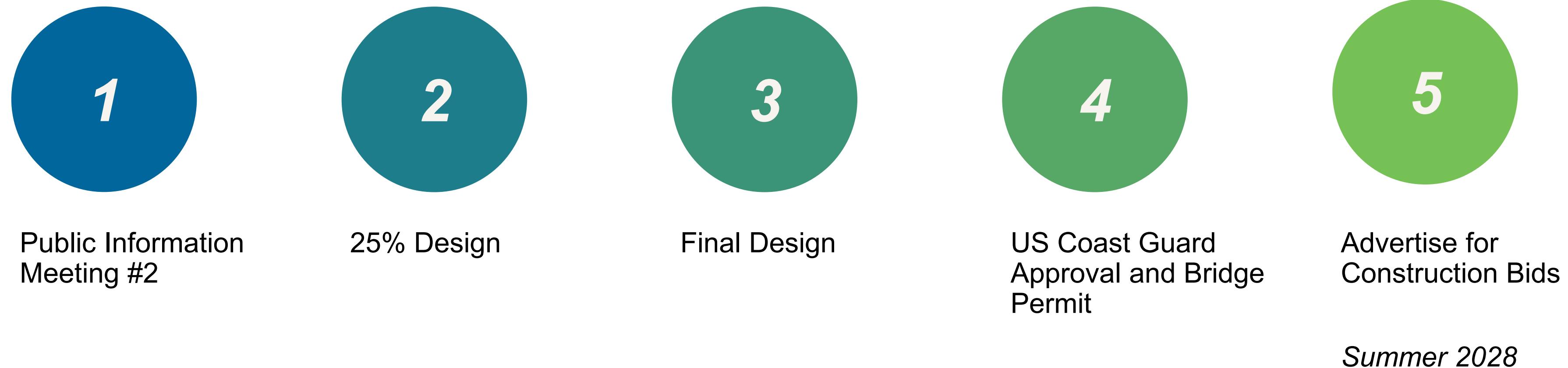
Temporary Bridge (view 1)



Temporary Bridge (view 2)



Our next steps



How to reach us

Submit email comments to:

MassDOTMajorProjects@dot.state.ma.us

Submit written comments to:

Carrie Lavallee, P.E., Chief Engineer

MassDOT

10 Park Plaza

Boston, MA 02116

Attention: Major Projects, Project File No. 608397

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





**Bridge
Preservation
Activity**

Bridge Preservation Overview

Project Purpose

- To complete steel repairs on the Blyman Bridge
- Requires changes to the existing traffic pattern using a temporary Traffic Management Plan (TMP)
- TMP includes restriping, temporary traffic signals, and alternating one-way traffic

Anticipated Project Schedule

- TMP implementation: January 2026
- Steel repair work: January to March 2026
- Work hours:
 - Dayshift work hours: 7:00 a.m. – 3:00 p.m.
 - Nightshift work hours: 8:00 p.m. – 5:00 a.m.



Public Outreach and Project Contacts

Stakeholder Coordination

- Dedicated email and phone banking updates will be provided
- Coordination with City of Gloucester for roadway traffic and fishing vessel impacts
- Information in accessible formats and multiple languages as-needed
- Comment methods for the public to reach the project team

Media Outreach

- Press advisories for updates and milestones

Social Media

- Facebook: @massdotinfo
- X: @MassDOT

Bridge Preservation Project Team

- Christopher Leahy, MassDOT District 4
- Billy Parent, HNTB



Scan to submit feedback
regarding **the steel repair work**

pima.massdotpi.com/public/comment/project-comment-dynamic?project_id=15538&pe_id=4617



Questions and Discussion

Questions and Answers



- “Raise your hand” to be unmuted for verbal questions; *9 for attendees calling into the meeting



- 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



- 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



- Please take a few minutes to complete the survey after the meeting to let us know how your experience was with this virtual meeting



Thank You

*Reconstruction of the Blynman
Canal Bridge – Route 127 over
the Blynman Canal*

December, 2025

Project File No. 608397

Joseph Breen, PE

