



# Mill Street Bridge Replacement Over Washington Mountain Brook Lee, Massachusetts *Design Public Hearing*

Thursday, October 23<sup>th</sup> | 7:00 PM

Lee Town Hall

Project File No. 607677





# Public meeting notes and procedures

## Notification of video recording

- While this public meeting is not being recorded, The Massachusetts Department of Transportation or the Town of Lee may choose to retain and distribute images, audio and/or the Q/A transcript.
- All parts of this meeting are considered public record.
- By continuing attendance with this public meeting, you are consenting to participate in any public released part of this event.

## Important notes

- The meeting will be open to questions and answers at the end of the presentation.
- Your feedback is important.

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

## 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!**

# Attendance Sheet and Handouts

- Sign-in Sheet
  - Located at the back of the room
- Handouts
  - Project Details
  - Next to the Sign-in Sheet



# Presentation Participants

- **MassDOT Project Manager**
  - Kristine Chestna, PE
- **MassDOT District 1 Bridge Engineer**
  - Mark DeVylder
- **MassDOT Municipal ROW**
  - Zachary Feury
- **MassDOT Legislative Affairs Group**
  - Daniel J. Racicot
- **Garofalo & Associates. Inc. –Design Consultant Project Manager**
  - Jeff Lewis, PE



# Agenda

- 01 Project Location
- 02 Project Initiation
- 03 Project Goals
- 04 Proposed Design & Alternatives
- 05 Construction Approach
- 06 Environmental Impacts
- 07 Property Impacts
- 08 Next Steps
- 09 Questions & Discussion





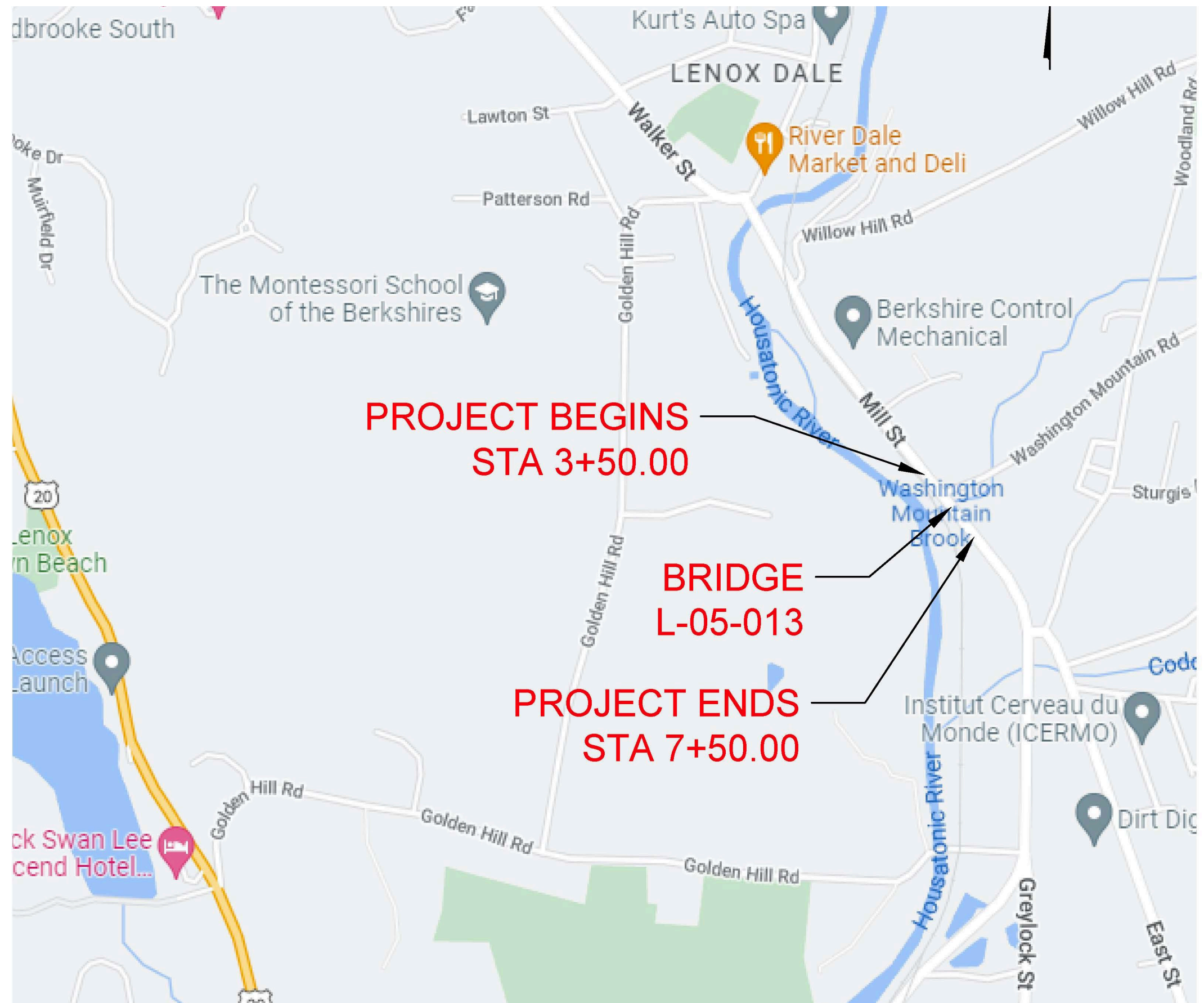


**Where is the  
project  
located?**



## Project Location

- Mill Street over  
Washington Mountain  
Brook  
Lee, MA







**Why was this  
project  
initiated?**



# Project Initiation

- Superstructure Steel beams have significant deterioration.
- Bridge does not conform to the latest AASHTO design truck loading.
- The lane widths have been narrowed due to deterioration of the beams.



Current condition. One lane, alternating one-way traffic.



Narrow bridge even prior to recent lane closure.



# Project Initiation



Lack of guardrail protection of railing.



Poor condition of original concrete railing & steel beams below.





**What do we  
want to  
accomplish?**



# Replacement of the Existing Bridge





# Eliminate Deteriorated Bridge Components





# Remove Sediment in Stream & Expand Bridge Opening





# Improve Pedestrian and Bicycle Accommodations





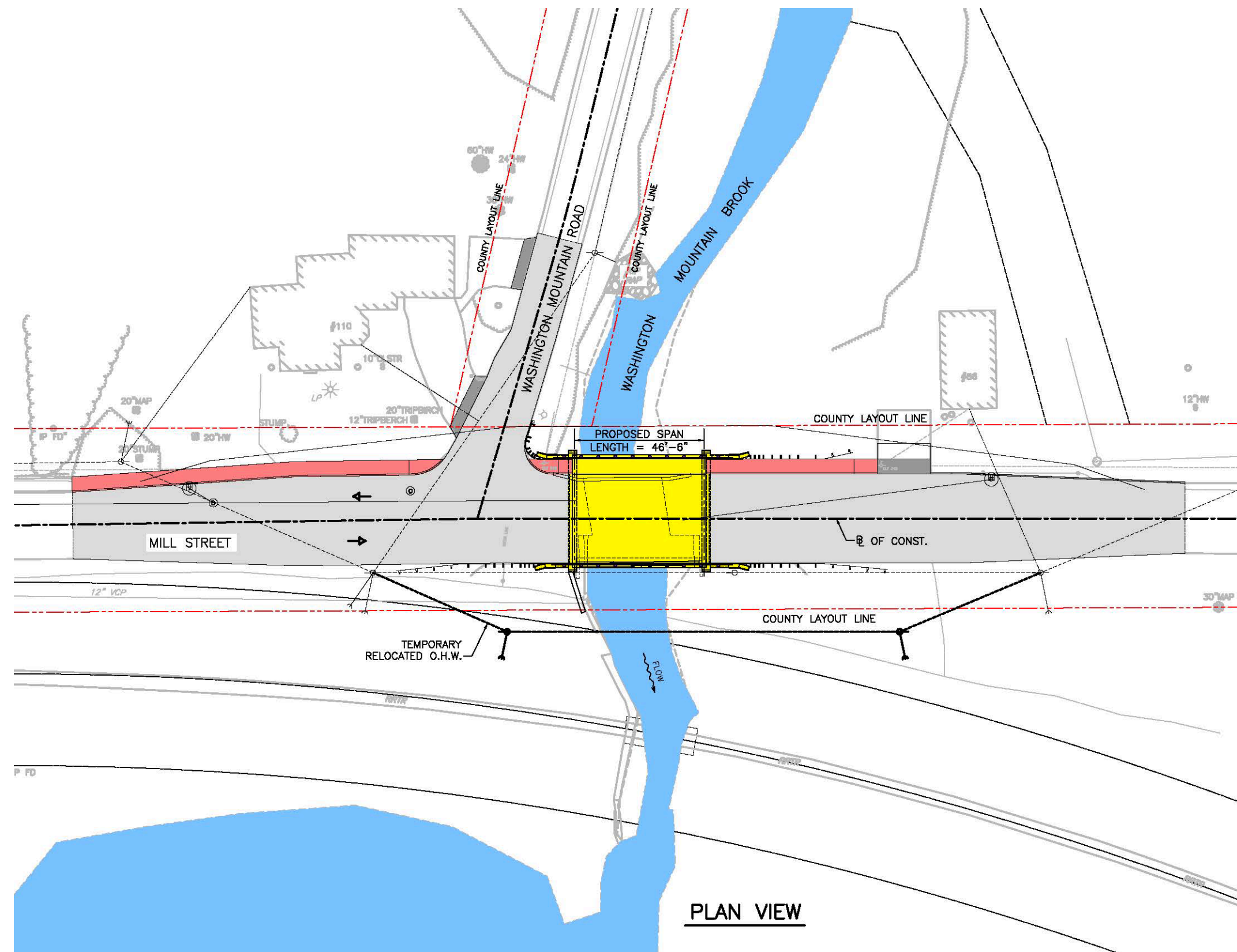


**What is the  
proposed  
design?**



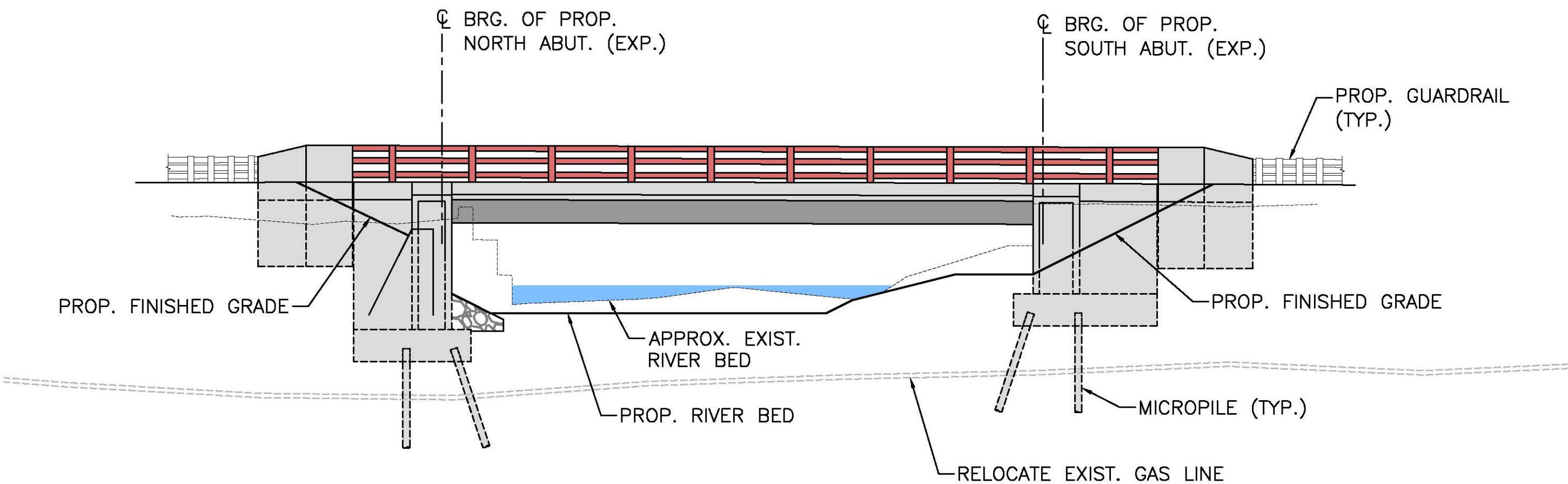
# General Bridge Plan

- Proposed alternative increases the bridge length by approximately 17 feet to 47'.
- The proposed alternative widens the roadway using two 11' wide lanes and a 5' wide shoulder on each side plus a 5.5' wide sidewalk on the easterly side





# Proposed Bridge Elevation

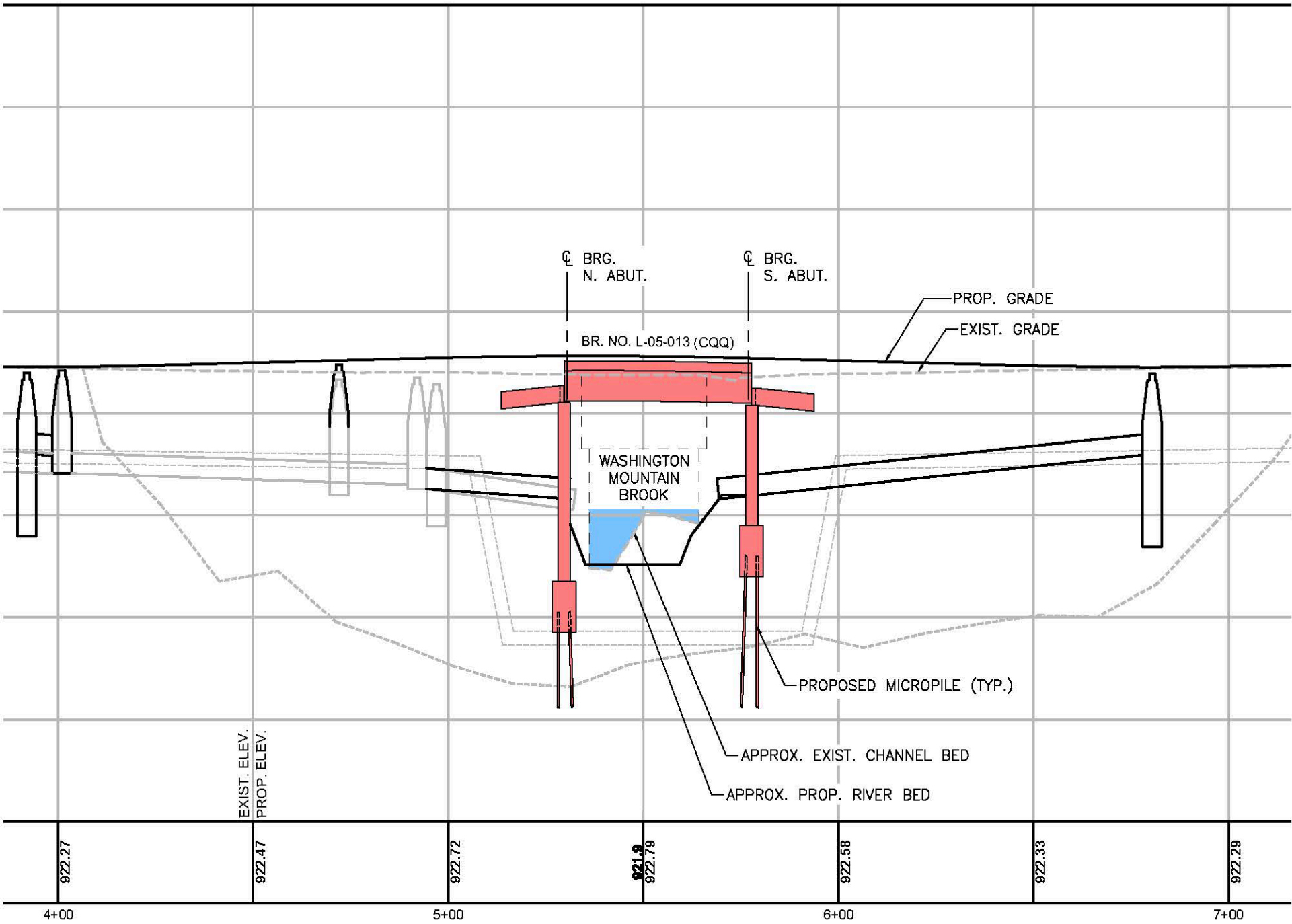


ELEVATION LOOKING EAST



# Proposed Roadway Profile

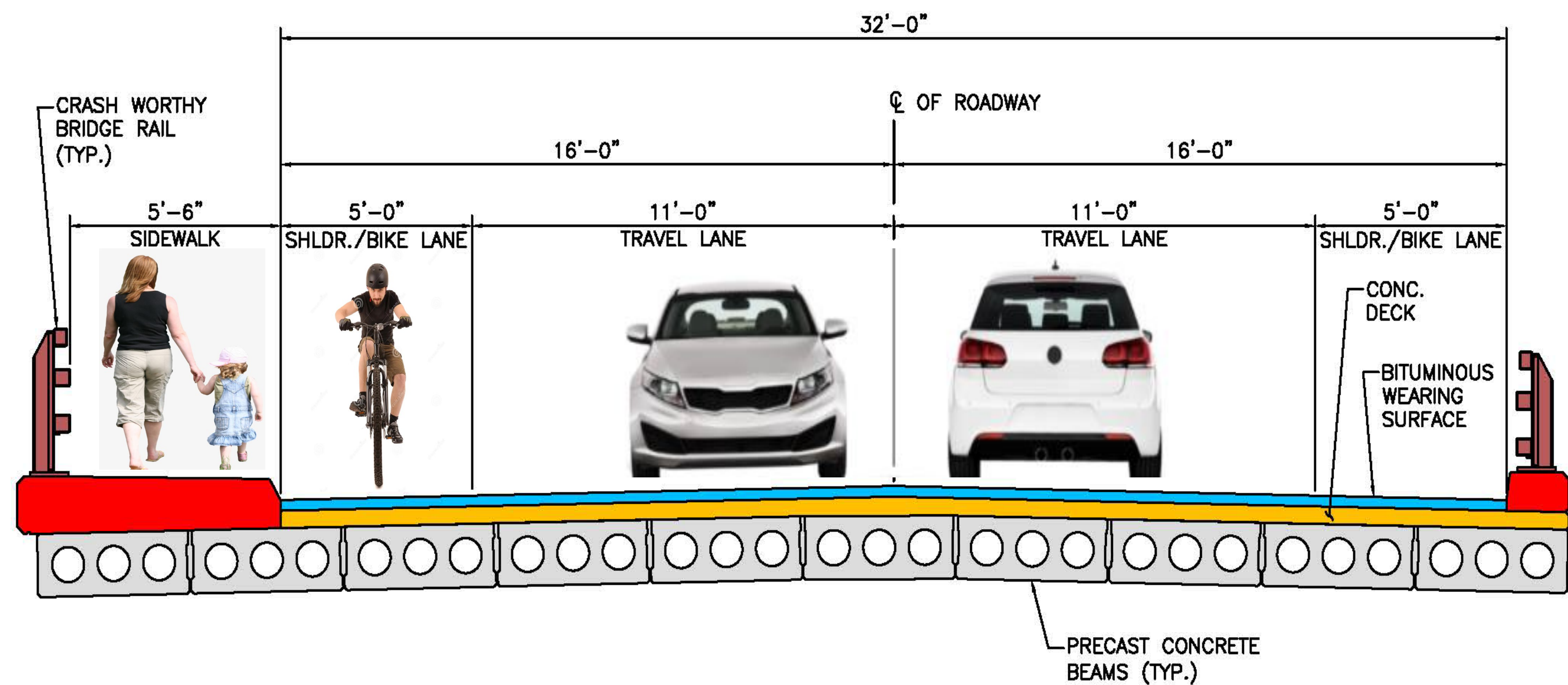
- Proposed roadway profile will be slightly raised to increase the hydraulic opening



South Approach Looking North



# Proposed Bridge Section



PROPOSED TRANSVERSE SECTION (LOOKING SOUTH)

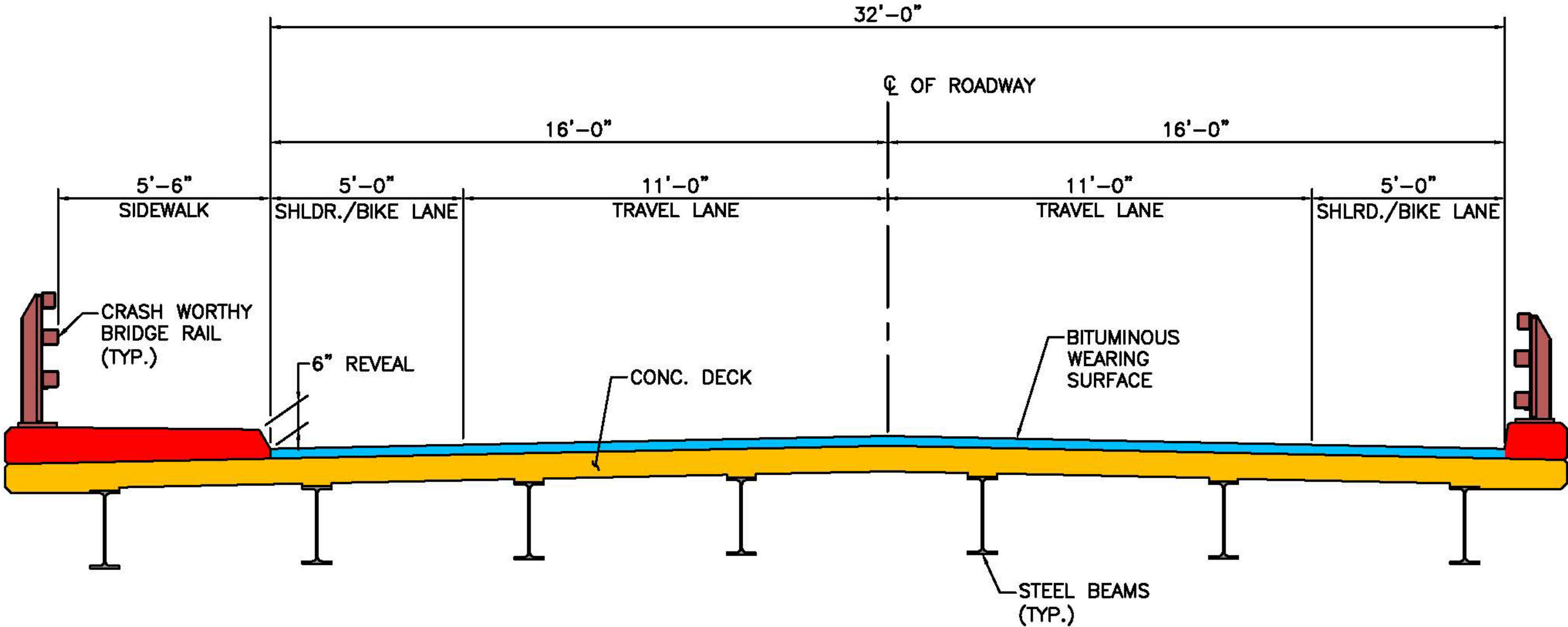




**What  
alternatives  
were  
considered?**



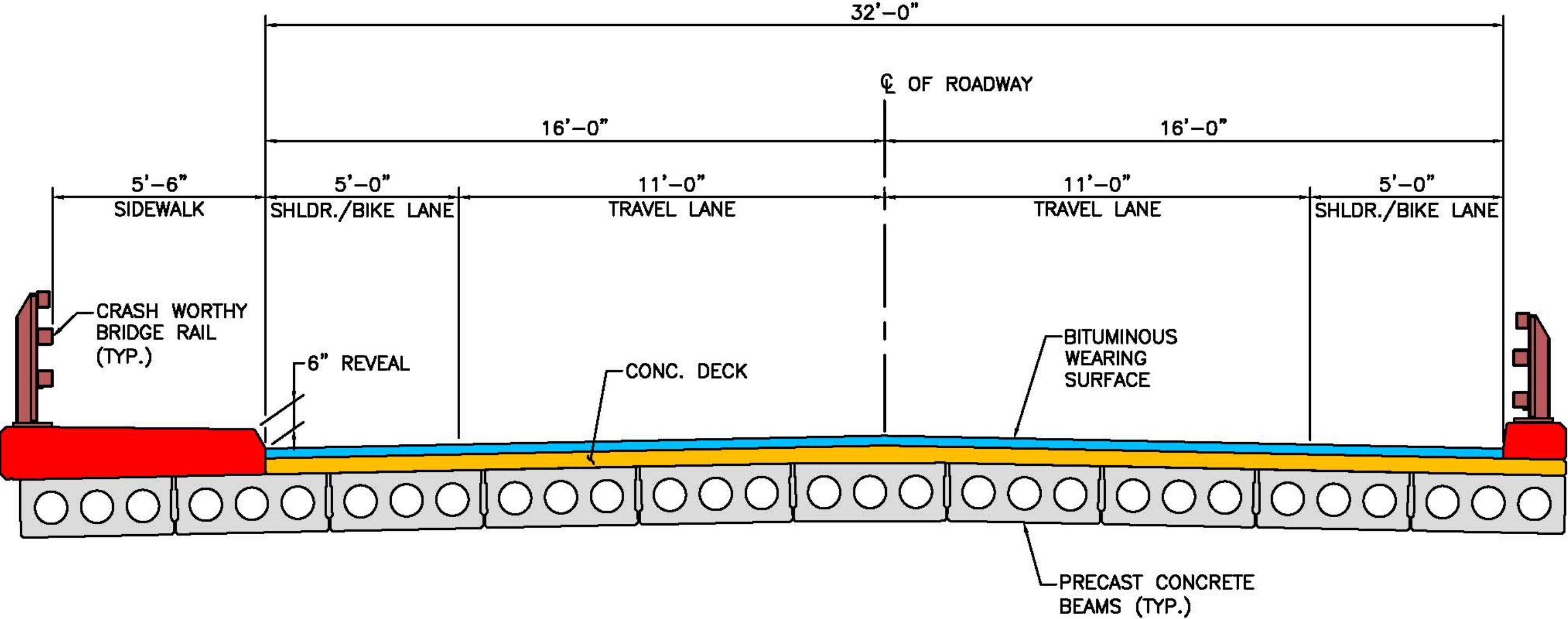
# Option 1: Rolled Steel Beams



PROPOSED TRANSVERSE SECTION (LOOKING SOUTH)  
OPTION 1 – STEEL BEAMS



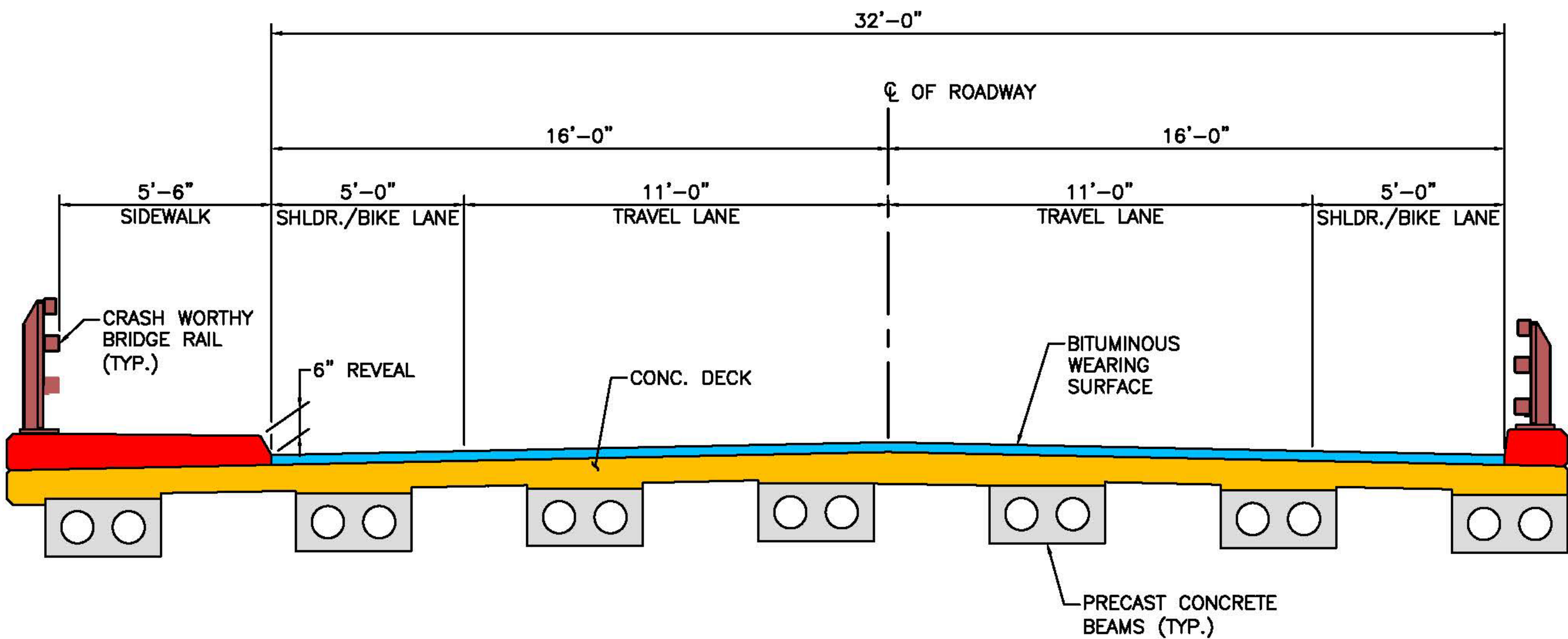
# Option 2: Adjacent Precast Concrete Beams



PROPOSED TRANSVERSE SECTION (LOOKING SOUTH)  
OPTION 2 – ADJACENT PRECAST CONCRETE BEAMS



# Option 3: Spread Precast Concrete Beams



PROPOSED TRANSVERSE SECTION (LOOKING SOUTH)  
OPTION 3 – SPREAD PRECAST CONCRETE BEAMS

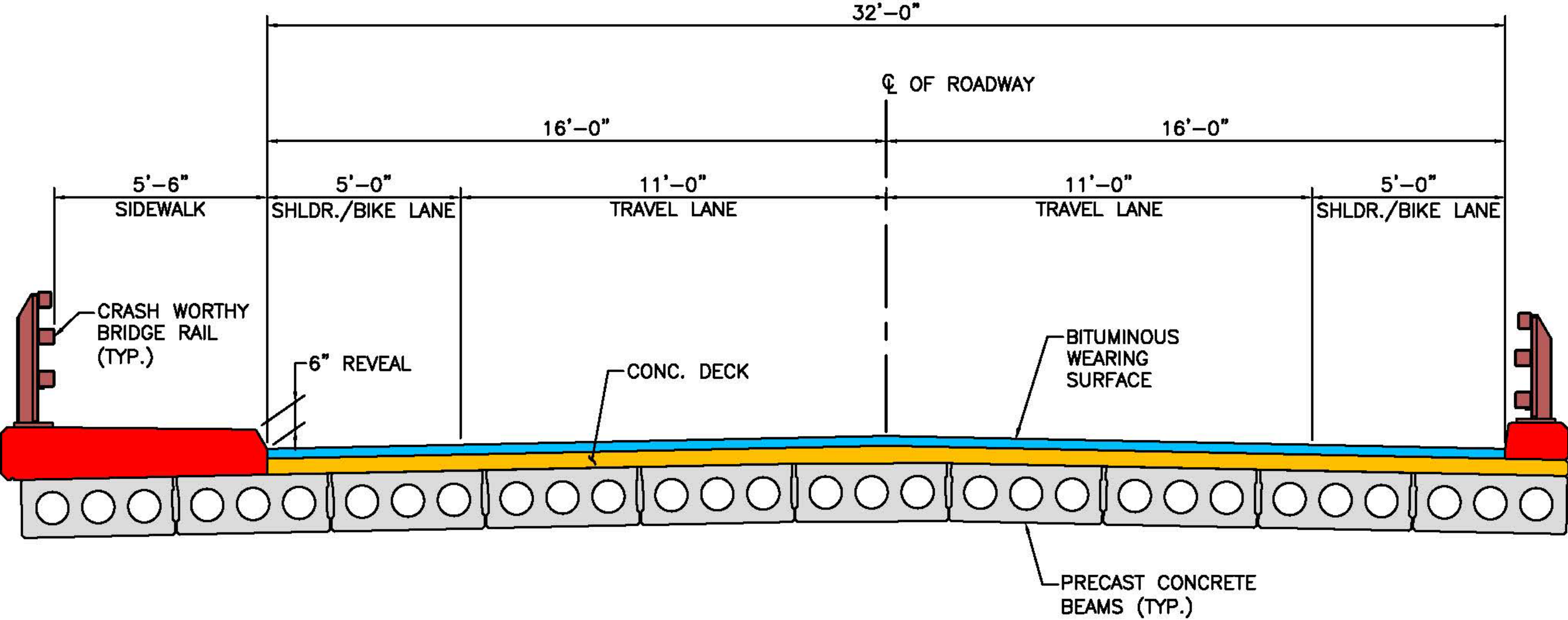




**What is the  
preferred  
alternative?**



# Option 2: Adjacent Precast Concrete Beams



PROPOSED TRANSVERSE SECTION (LOOKING SOUTH)

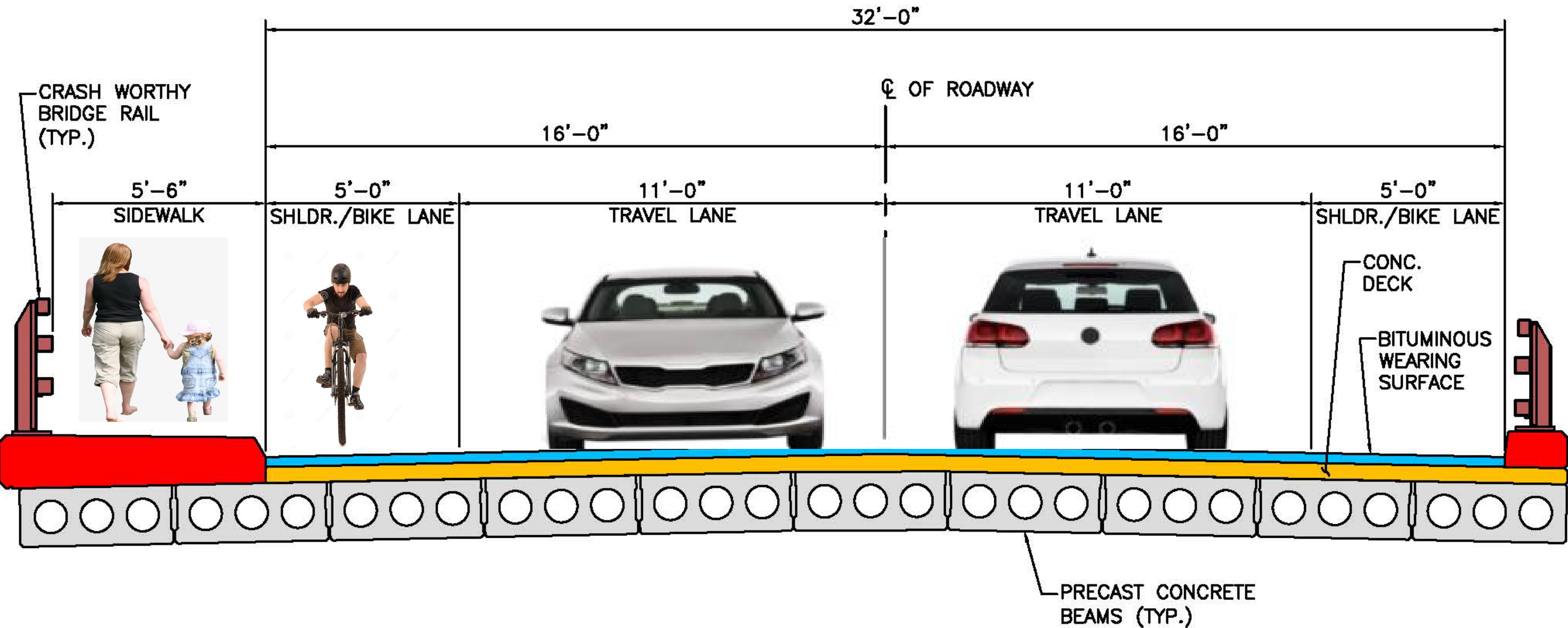




**How will  
bicyclists and  
pedestrians  
be impacted?**



# Bicyclists and Pedestrian Impacts



PROPOSED TRANSVERSE SECTION (LOOKING SOUTH)

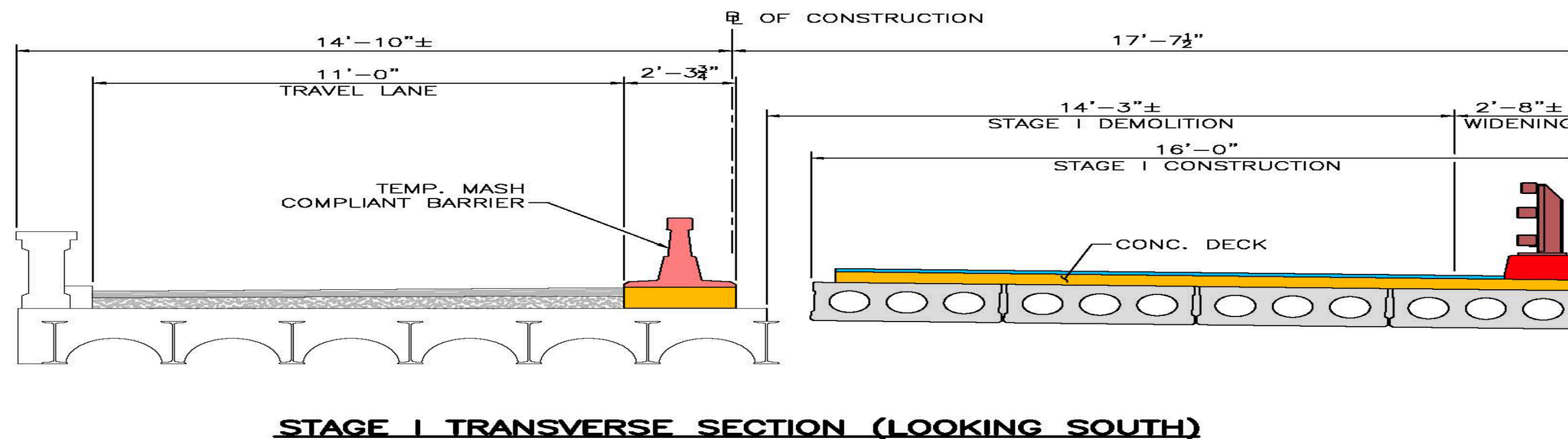




**What is the  
construction  
approach?**



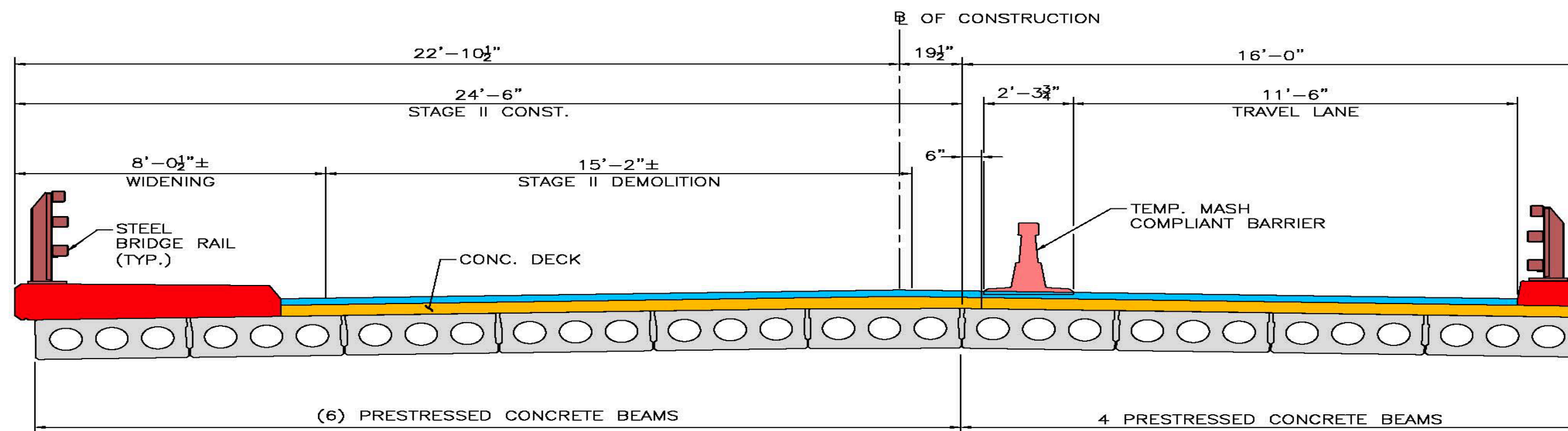
# Two Phase Construction



- Phase 1 –
  - Set up one travel lane for alternating one way traffic
  - Demolish west half of bridge
  - Construct one travel lane for Southbound traffic



## Two Phase Construction (Cont'd)

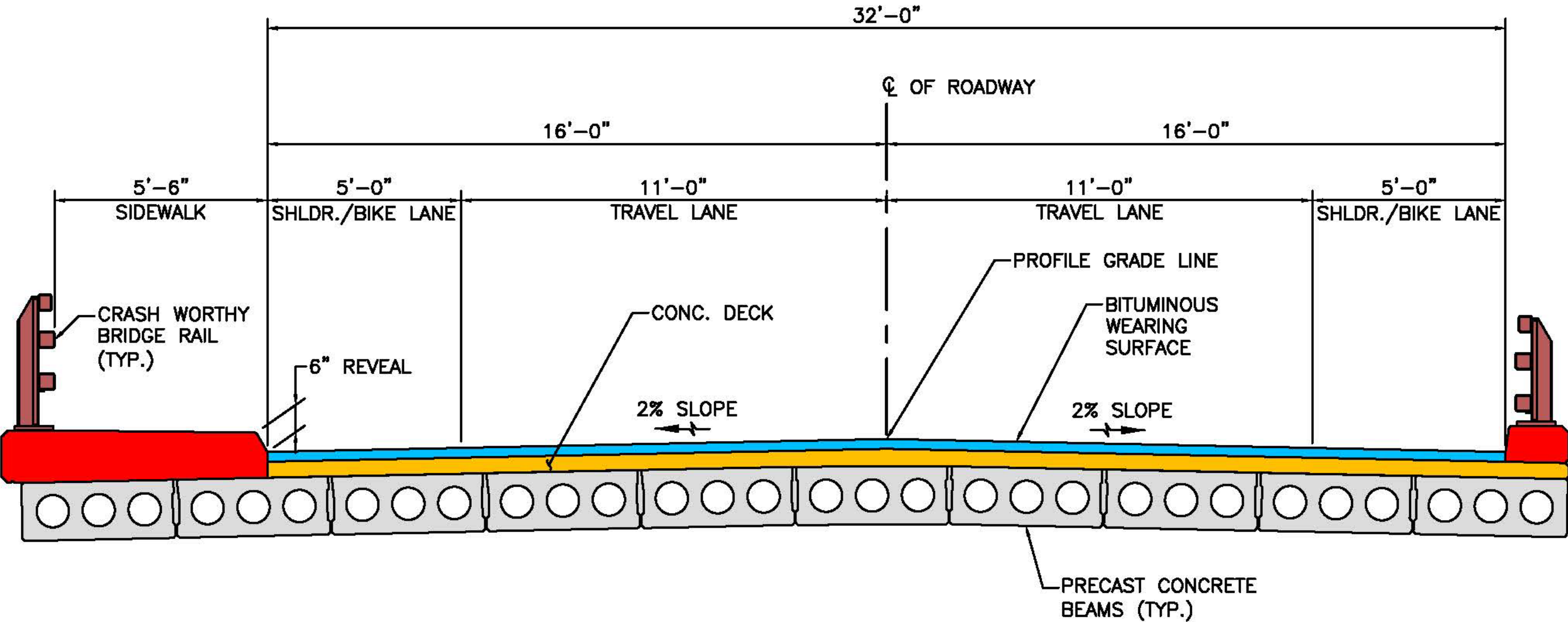


**STAGE II TRANSVERSE SECTION (LOOKING SOUTH)**

- Phase 2 –
  - Set up one travel lane for alternating one way traffic on the newly constructed bridge
  - Demolish east half of bridge
  - Complete remaining bridge and open for full two lane traffic



# Proposed Bridge



FINAL STAGE TRANSVERSE SECTION (LOOKING SOUTH)





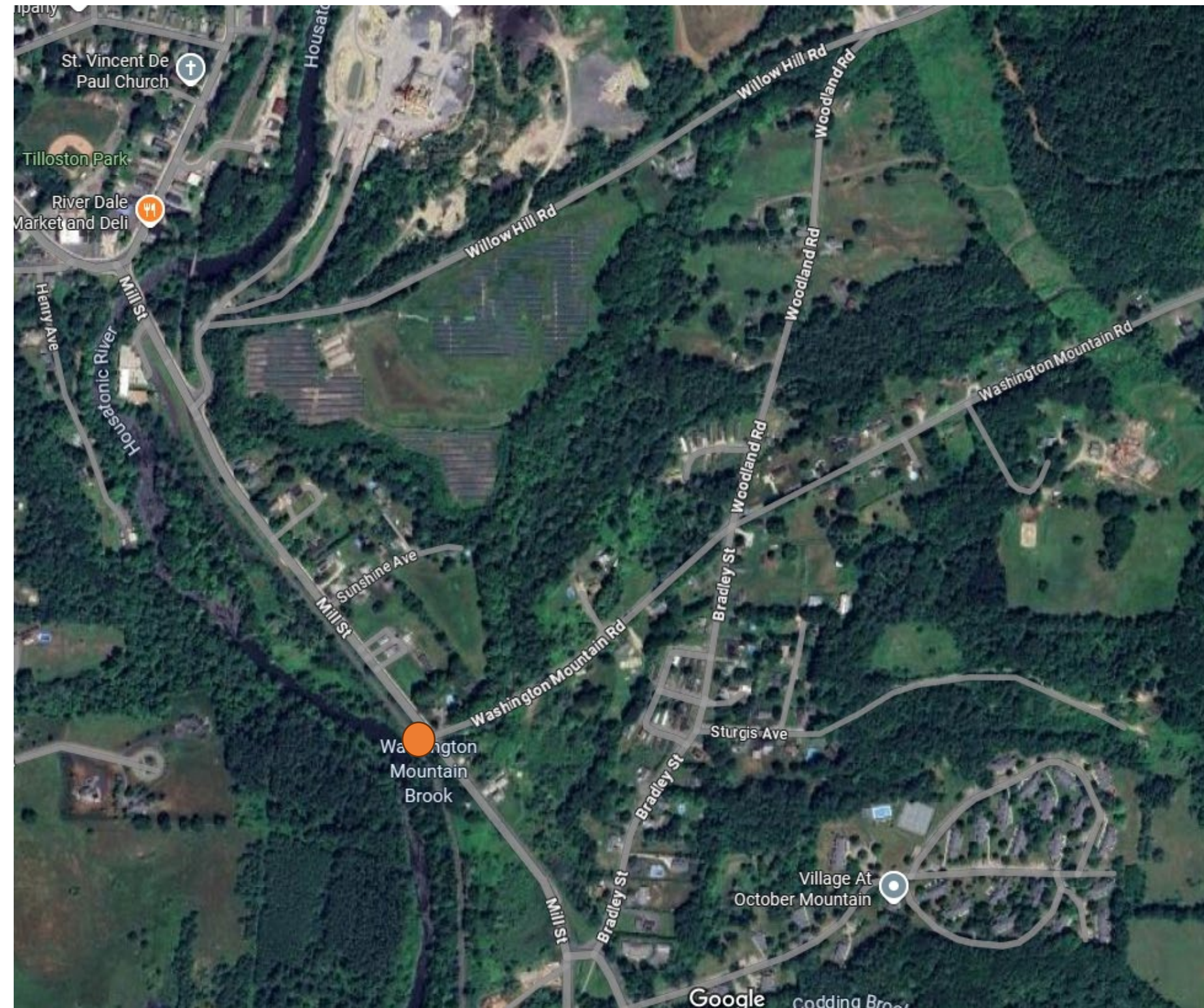
**How will the  
road user be  
affected?**



## Two Phase Traffic

- Two phase construction with alternating one way traffic controlled by a temporary traffic signal.
- Traffic from Mill St entering Washington Mtn Rd or traffic from Washington Mtn Road exiting to Mill St will be prohibited.
- Washington Mtn Road from the intersection to the east will remain open.
- Access to abutting driveways will be maintained.
- Anticipate two construction seasons.

## Local Roads

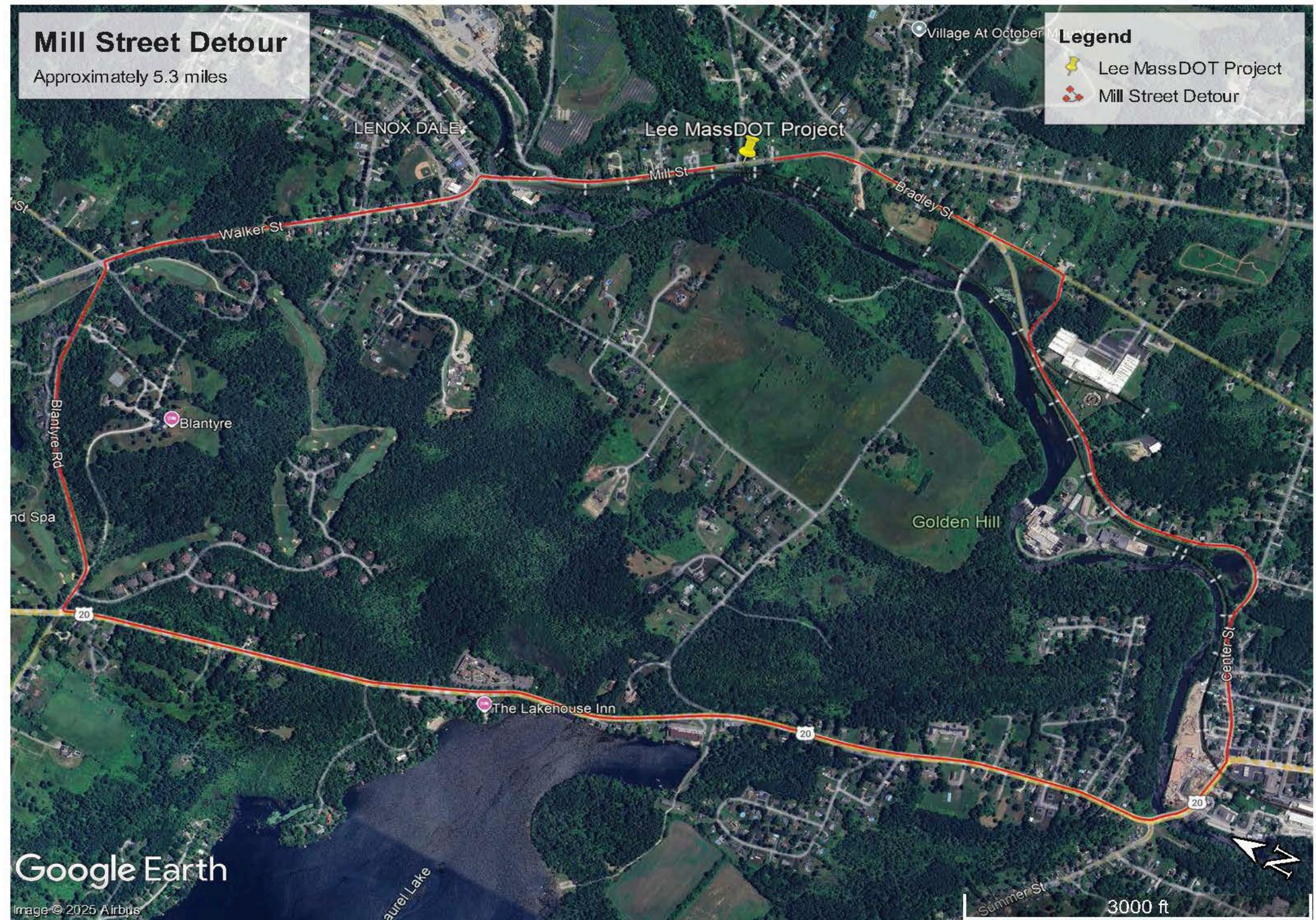




## Detour Route

### Short Term Detour

- Short term bridge closure of Mill Street will be required (overnight hours) during beam removal and beam erection.
- Detour route (5.3 miles) around the construction site will be provided during the short term bridge closure.







# Environmental, cultural resource, and community impacts



# Environmental Impact & Permitting

- National Historic Preservation Act 1966 (Section 106) - No known Cultural or Historic Resources
- The project is exempt from Water Protection Act (WPA), Chapter 91 and MEPA
- National Environmental Policy Act (NEPA)
  - Categorical Exclusion (CE) Class of Action
- Use of Best Management Practice (BMP)
  - Sediment Control Barrier
  - Shielding under the bridge during demolition
- MassDEP – 401 Water Quality Certification
- USACE – Section 404 Permit







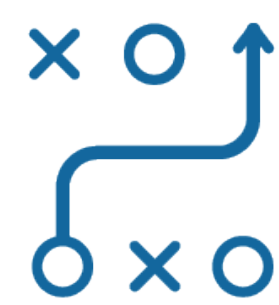
**How will your  
property be  
impacted?**



## Right of Way (ROW) discussion – 25% Design

- Responsible for acquiring all necessary rights in public land for design, construction, and implementation of a project.
- Affected property owners will be contacted by municipal officials from the Town of Lee
- Procedures must comply with state and federal regulations governing the acquisition process.
  - Property owners are protected under Massachusetts General Laws, primarily Chapter 79.
  - If project receives federal funds, property owners are further protected under Title III of the Real Property Act of 1970, as amended.
- Fee takings, permanent easements, and/or temporary construction easements may be required.
- Copies of the ROW plans will be made available to interested parties at the Lee Town Hall after tonight's meeting.





**What are our  
next steps?**



# Our next steps



Design Public Hearing  
*October 23, 2025*



75% Submission  
*January 2026*



100% Submission  
*Summer 2026*



Final Design in Winter  
2026 & Advertising  
*Summer 2027*



Construction  
*Spring 2028*





**How will we  
keep you  
informed?**



## How to reach us

- Submit email comments to:
  - [MassDOTprojectmanagement@state.ma.us](mailto:MassDOTprojectmanagement@state.ma.us)
  - Subject Line: Design Public Hearing Comments: Project File No. 607677
- 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  
Boston, MA 02116  
Attention: Project Management, Project File No. 607677







# Questions and Discussion



# Questions and Discussion



- “Raise your hand” to be called on for questions



- Please state your name & connection to the project before your question

**All questions and comments are subject to disclosure for public records.**





# ***Thank You***

## *Mill Street over Washington Mtn Brook*

Town of Lee / October 23<sup>rd</sup>, 2025 / 7:00 pm

Project File No. 607677

Project Manager Contact- See Handouts