

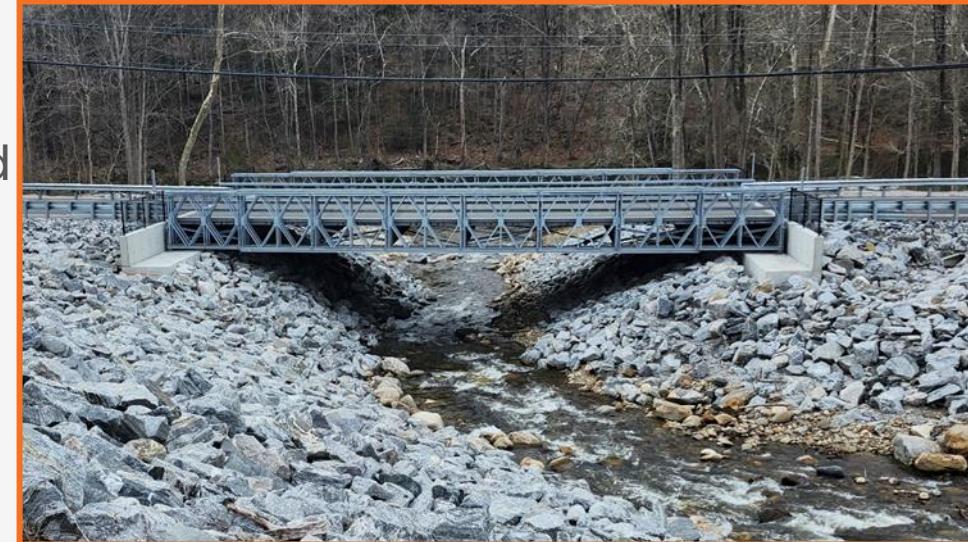
# State Project 0107-0181

Replacement of Temporary Bridge No. 00944 Carrying Route 34 over Eight Mile Brook.

**In Person Event: Thursday, Nov. 20<sup>th</sup>, 7 p.m.**

**Located:** Oxford Town Hall Main Room, at 486 Oxford Road

Join us for a Question-and-Answer session following the formal presentation and send us a question or a comment during the session.



**PROJECT EMAIL:** [Jonathan.Kempf@ct.gov](mailto:Jonathan.Kempf@ct.gov)

**PHONE:** (860) 594-2020 (voicemail only)

**PROJECT WEBPAGE:**  
<https://portal.ct.gov/DOTOXFORD0107-0181>

**Comment Period Open through:** Dec. 4<sup>th</sup>, 2025



# State Project 0107-0181

## Replacement of Bridge No. 00944

### Meeting Overview

- Introduce the Project Team
- Formal Presentation of Design
  - Overview of Existing Bridge
  - Review the Purpose and Need of Project
  - Review the Proposed Design
  - Overview of Design Schedule
  - Construction Schedule & Impacts
- ROW Process
- Live Question and Answer (Q&A) Session



Jonathon Kempf, PE  
Project Manager – CTDOT  
Tel. No. (860) 594-3308  
[jonathan.kempf@ct.gov](mailto:jonathan.kempf@ct.gov)



# Question & Answer Session

---



**By Email:** [Jonathan.Kempf@ct.gov](mailto:Jonathan.Kempf@ct.gov)



**By Phone:** (860) 594-2020 (voicemail)



**In Person:** Only available during meeting immediately following the presentation



**Project Webpage:** = <https://portal.ct.gov/DOTOxford0107-0181>

**Note:** Comment period is open through December 4<sup>th</sup>, 2025.



# Project Team

---



Derick Lessard,  
P.E.  
Division Chief  
of Bridges  
CTDOT



Andrew  
Cardinali, P.E.  
Principal  
Engineer  
CTDOT, Bridge  
Design



Jonathan  
Kempf, P.E.  
Project Manager  
CTDOT, Bridge  
Design



Sangyul Cho, P.E.  
Project Engineer  
CTDOT, Bridge  
Design



Matthew  
Colonna, E.I.T.  
Design Engineer  
CTDOT, Bridge  
Design



Kathleen Ericson  
Rights-of-way  
Coordinator –  
CTDOT, Office of  
Rights of Way





# Connecticut Department of Transportation

## Title VI Notice to the Public

The Connecticut Department of Transportation (CTDOT) operates its programs and services without regard to race, color, and national origin in accordance with Title VI of the Civil Rights Act. Any person who believes she or he has been aggrieved by any unlawful discriminatory practice under Title VI may file a complaint with the CTDOT.

For more information on the CTDOT's civil rights program, and the procedures to file a complaint, contact the CTDOT Title VI Coordinator at (860) 594-2169, TRS 711; [Debra.Goss@ct.gov](mailto:Debra.Goss@ct.gov); or visit our administrative office at 2800 Berlin Turnpike, Newington, CT 06131. For more information, visit [www.ct.gov/dot](http://www.ct.gov/dot)

A complainant may file a complaint directly with the Federal Transit Administration by filing a complaint with the FTA Office of Civil Rights, Attention: Title VI Program Coordinator, East Building, 5<sup>th</sup> Floor-TCR, 1200 New Jersey Ave., SE, Washington, DC 20590

A complainant may file a complaint directly with the Federal Highway Administration by filing a complaint with the FHWA Office of Civil Rights, Attention: Title VI Program Coordinator, 8<sup>th</sup> Floor E81-105, 1200 New Jersey Ave., SE, Washington, DC 20590

如需更多信息或免费语言协助，请致电 (860) 594-2109

Para información adicional, o asistencia lingüística gratuita, por favor llame al (860) 594-2109

Per informazioni aggiuntive o assistenza linguistica gratuita, chiamare il numero (860) 594-2109

Para obter mais informações, ou para auxílio gratuito em outro idioma, ligue para (860) 594-2109

Aby uzyskać dodatkowe informacje lub bezpłatną pomoc tłumacza, proszę dzwonić pod numer (860) 594-2109

Для получения подробной информации или бесплатных услуг перевода звоните по телефону (860) 594-2109

Pou jwenn plis enfòmasyon, oswa asistans ak lang gratis, ranpri rele (860) 594-2109

المزيد من المعلومات أو للحصول على مساعدة لغوية مجانية، يرجى الاتصال بالرقم (860) 594-2109

Si vous souhaitez en savoir plus ou bénéficier d'une assistance linguistique gratuite, merci de composer le numéro suivant (860) 594-2109

अधिक जानकारी या निःशुल्क भाषा संवेदी महायता के लिए कृपया (860) 594-2109 पर कॉल करें।

추가 정보가 필요하거나 무료 언어 지원이 필요하시면 (860) 594-2109로 전화주십시오.

Để có thêm thông tin hoặc hỗ trợ ngôn ngữ miễn phí, vui lòng gọi (860) 594-2109

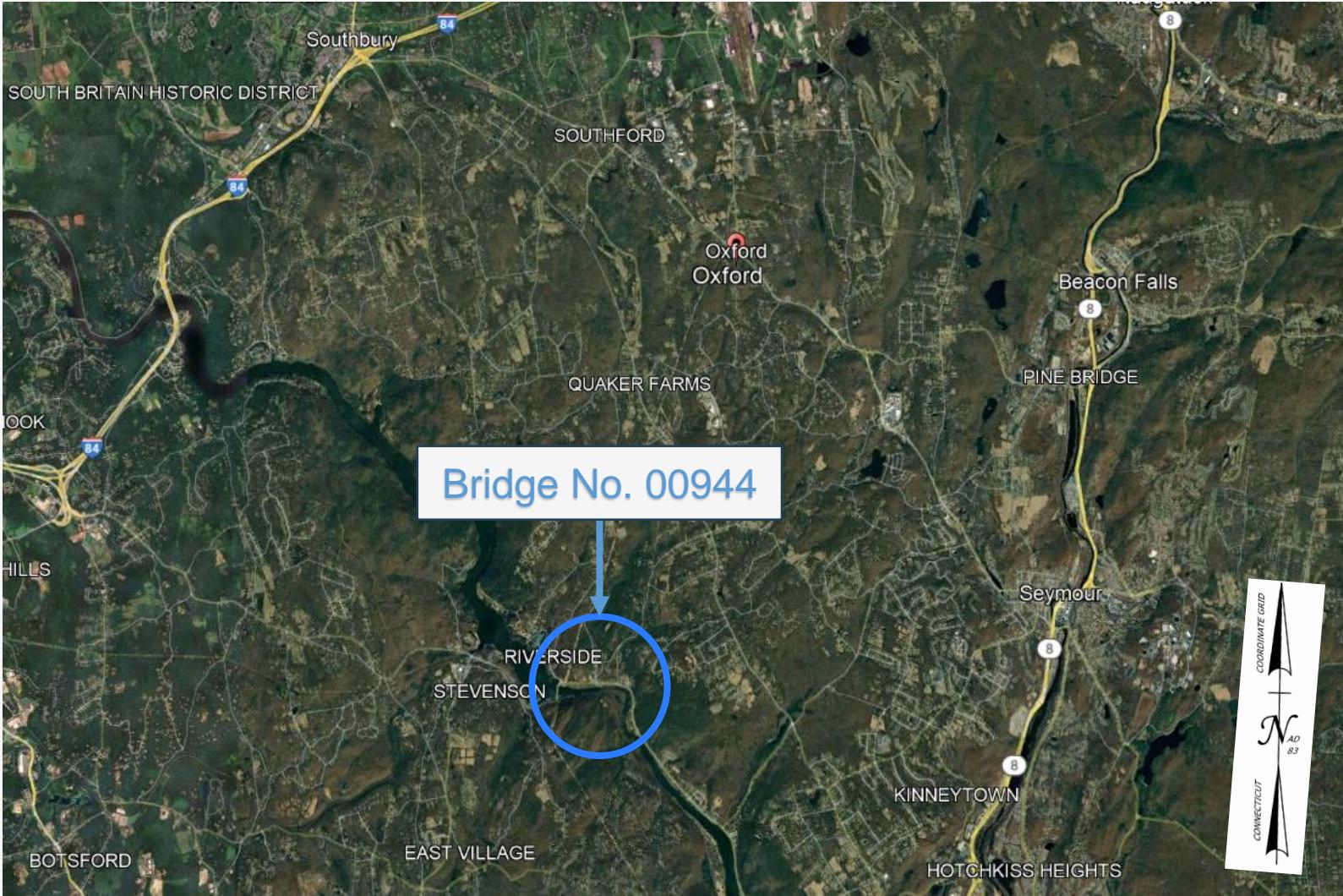


# **State Project Number 0107-0181 Public Information Meeting**

---

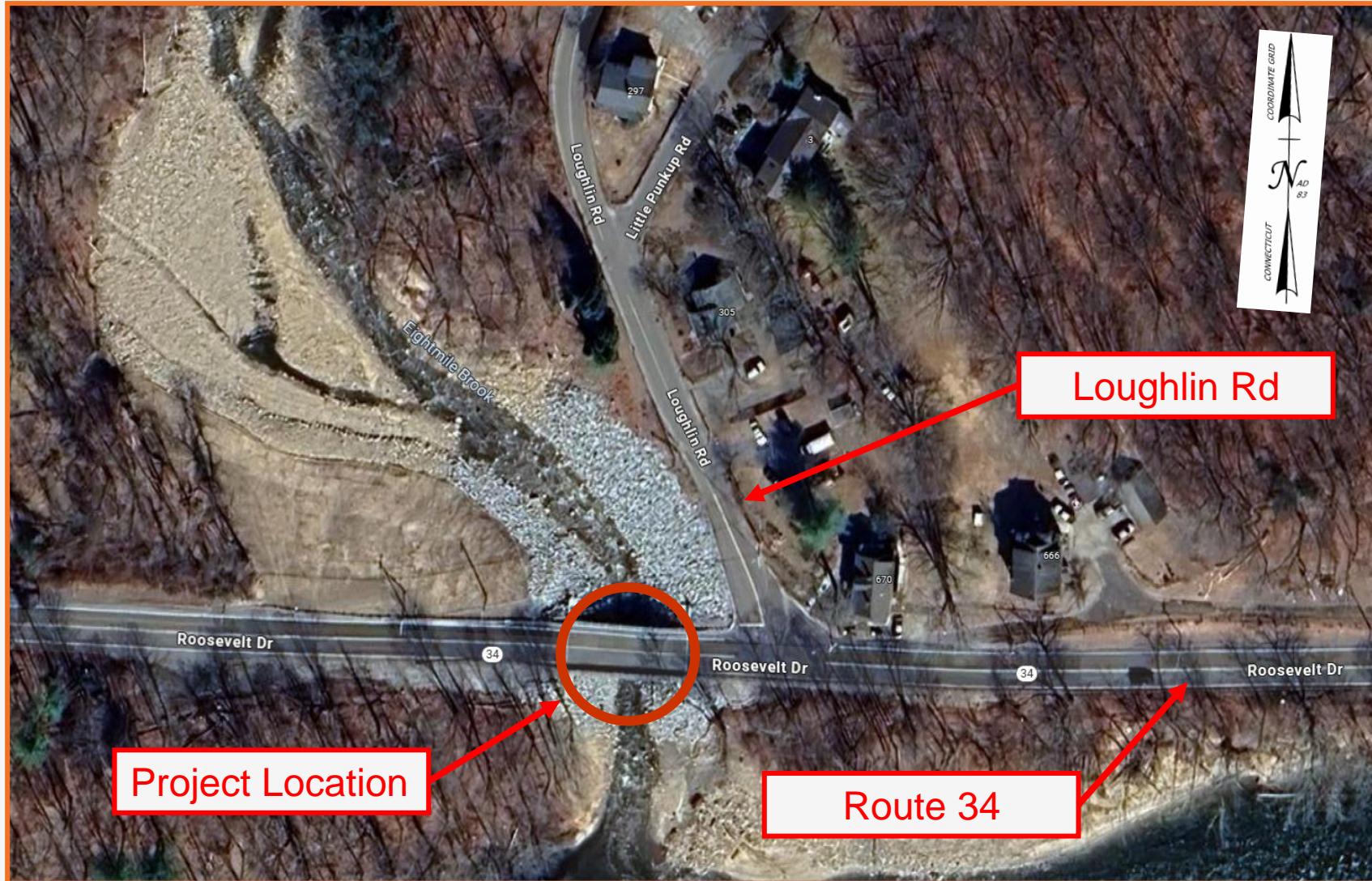
Replacement of Temporary Bridge  
No. 00944 Carrying Route 34 over  
Eight Mile Brook  
Town of Oxford

# Project Location



State Project No. PP107-0007 | Replacement of Bridge No. 00944 Carrying Route 34 over Eight Mile Brook

# Project Location (Continued): Current Condition



State Project No. 0107-0181 | Replacement of Bridge No. 00944 Carrying Route 34 over Eight Mile Brook



# Project Location (Continued): Before 2024 Flooding



State Project No. 0107-0181 | Replacement of Bridge No. 00944 Carrying Route 34 over Eight Mile Brook



# Purpose and Need

---

## Purpose:

Replace the temporary panel truss bridge system with a permanent structure.

## Need:

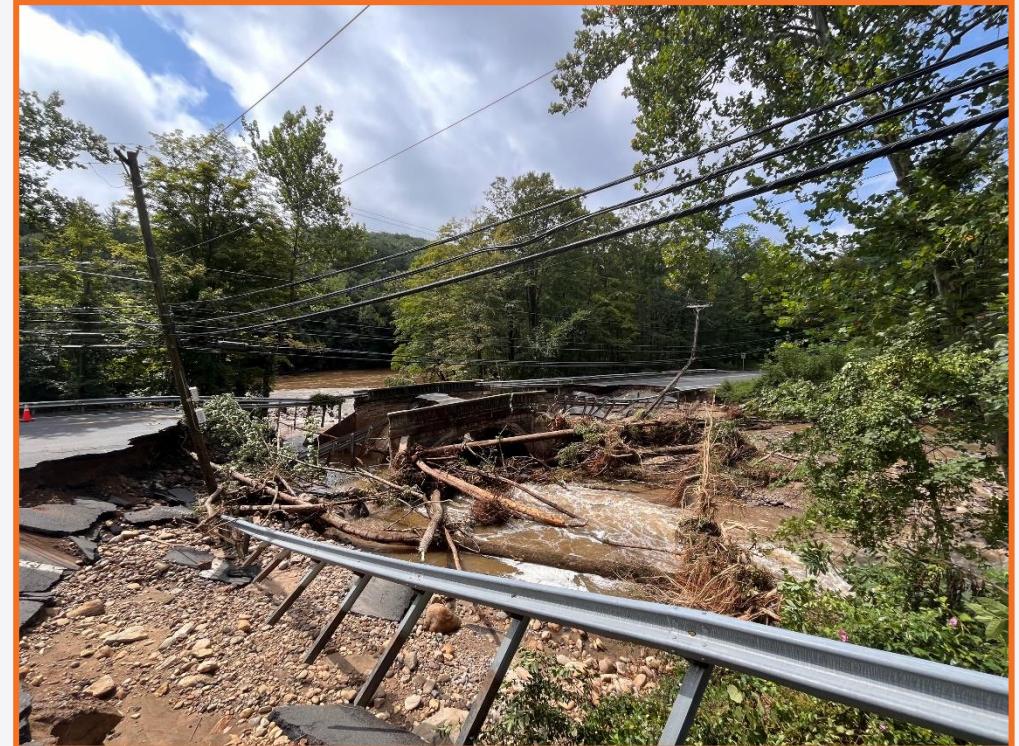
Existing structure is temporarily constructed following Emergency Declaration (ED) due to August 2024 Severe Flooding Disaster which washed out the old concrete arch bridge.



# Purpose and Need (Continued)



Old Concrete Arch Bridge (before wash-out)



Old Concrete Arch Bridge (after wash-out)



# Purpose and Need (Continued)



Existing ED Temporary Bridge (ACROW)  
(From Loughlin Rd)

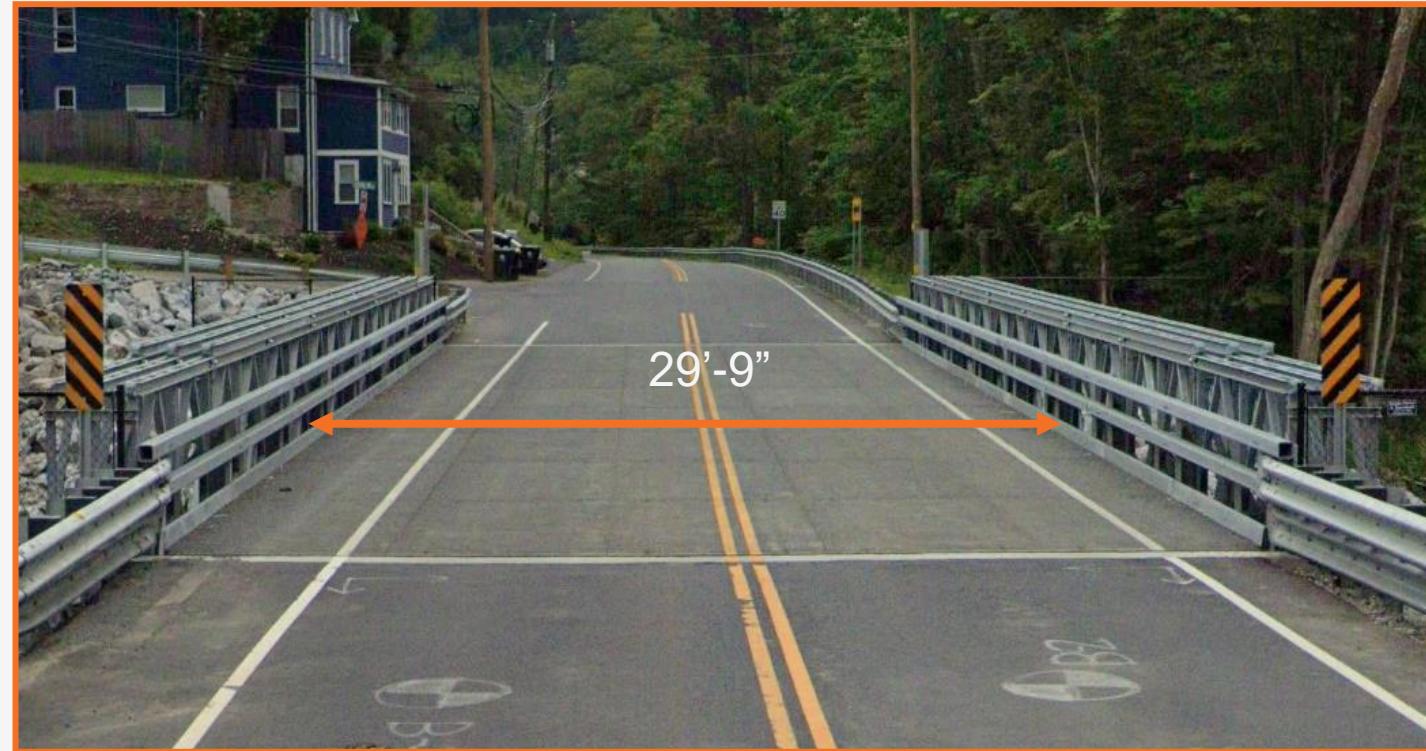


Existing ED Temporary Bridge (ACROW)  
(From Housatonic River)



# Existing Temporary Bridge Information

Year Built	2024 (Emergency Declaration)
Structure Type	Single span panel truss on concrete abutments
Curb-to-Curb	29'-9" with two 11' Lanes
Out-to-Out	37'-2"
Structure Length	80' with no skew
Clear Span	71'-2 $\frac{3}{4}$ "
Service	Route 34 (Roosevelt Dr.) over Eight Mile Brook
Average Daily Traffic (2024)	9,200 vehicles 4.0% truck traffic



# Existing Roadway Approach



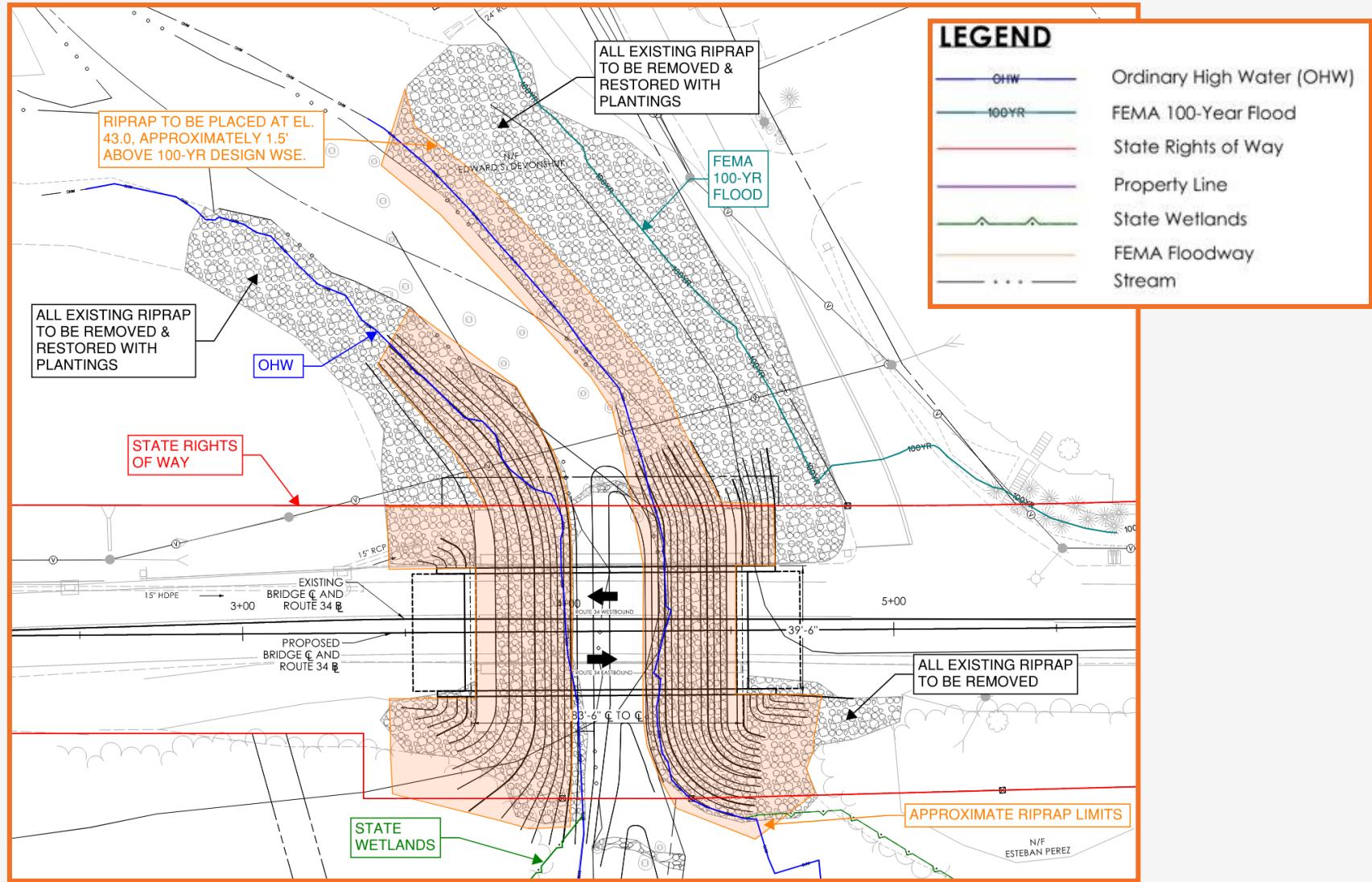
West Approach



East Approach



# Proposed Bridge Plan View



State Project No. 0107-0181 | Replacement of Bridge No. 00944 Carrying Route 34 over Eight Mile Brook



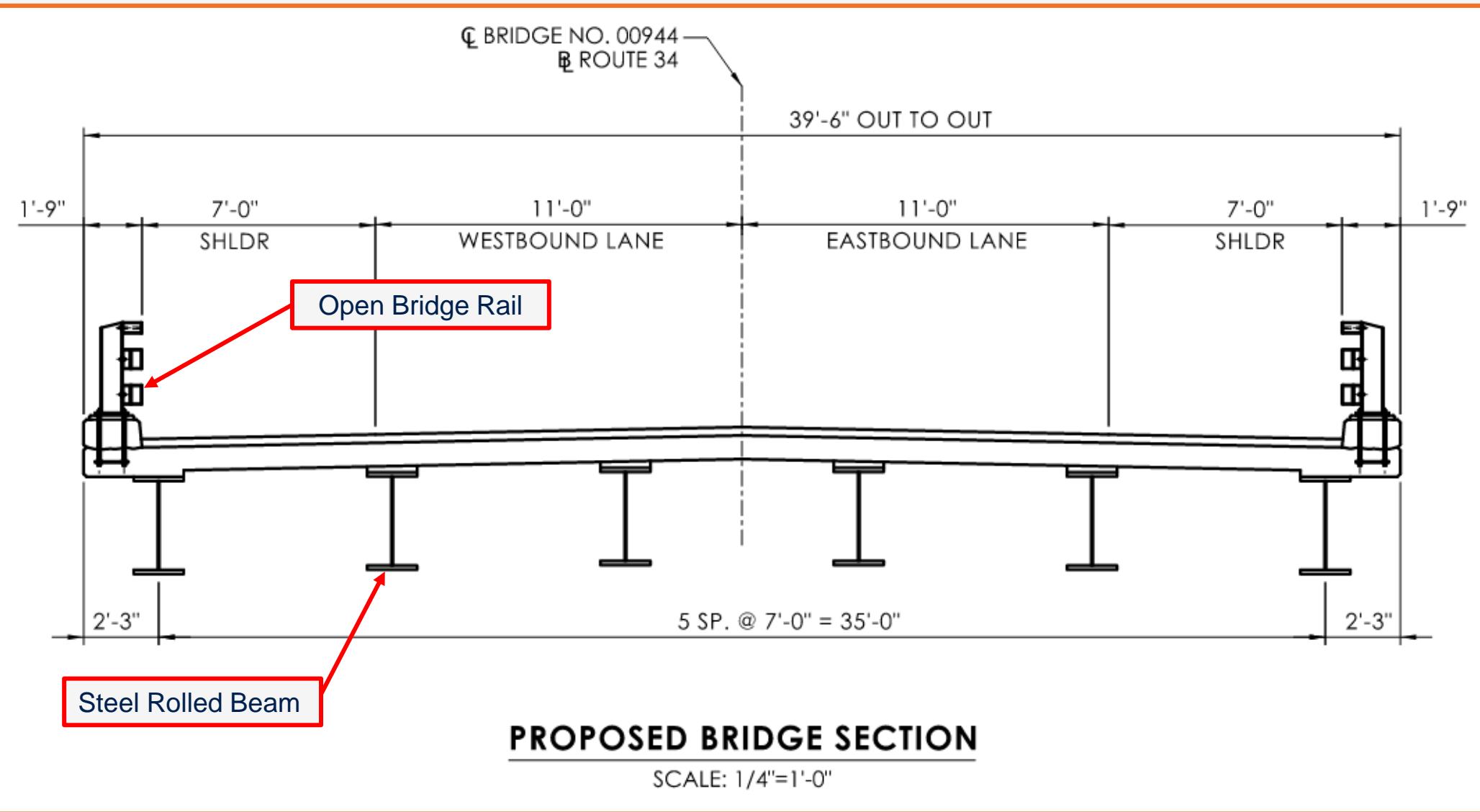
# Proposed Project Scope

---

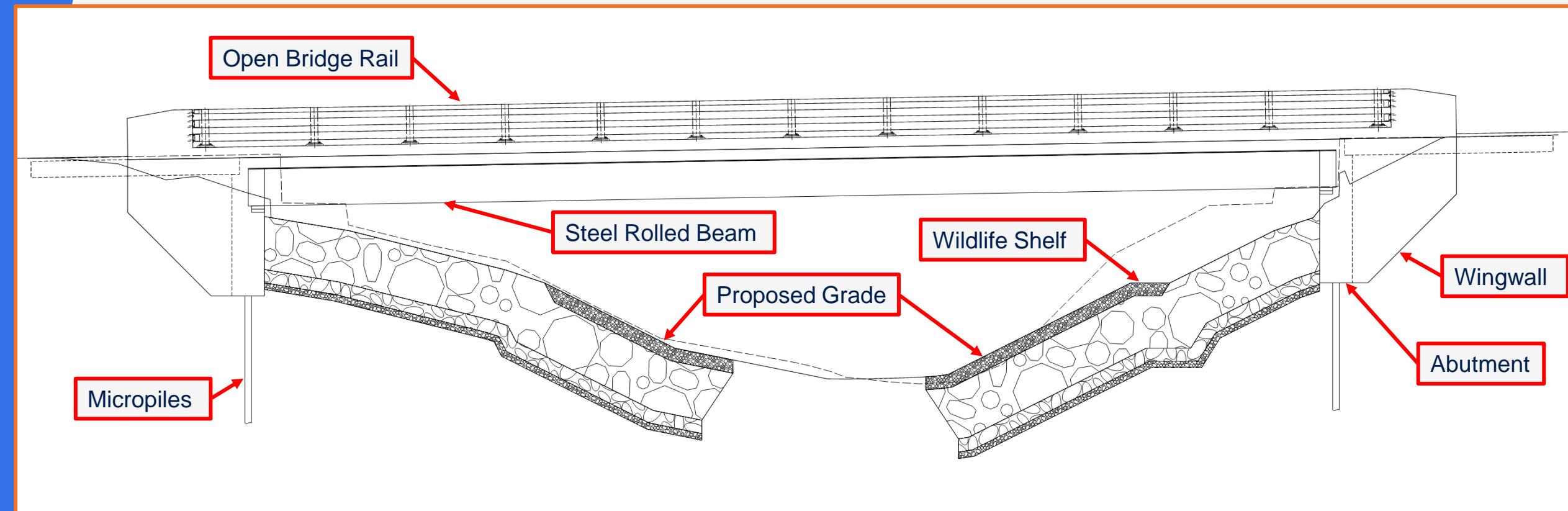
- New Steel Beam Bridge with Concrete Deck & Open Rail
- Staged Construction to allow one lane open to traffic
- Roadway realignment
- Hydraulic & Environmental Improvements



# Project Scope – New Permanent Structure



# Project Scope – New Permanent Structure



- Bridge Span Length: 83.5 feet / Clear Span Length: 80.0 feet



# Example Bridge with 3-Tube Bridge Rail



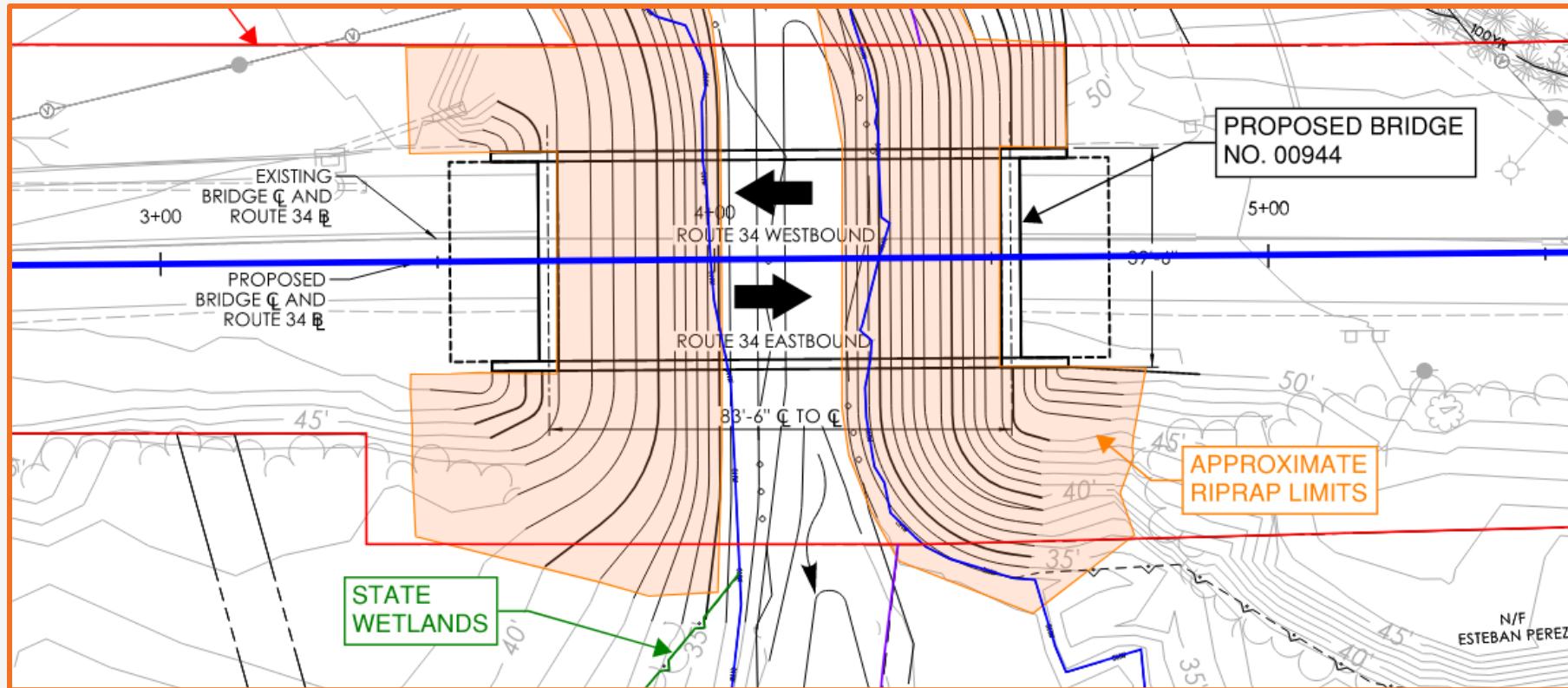
# Example Bridge with 3-Tube Bridge Rail



State Project No. 0107-0181 | Replacement of Bridge No. 00944 Carrying Route 34 over Eight Mile Brook

# Project Scope – Roadway Realignment

Shift the highway alignment back to the pre-emergency one



# Project Scope – Hydraulic & Environmental Improvement

---

- Bankfull Width and Freeboard
- Remove and replace excessive riprap to prevent future scour and erosion and to restore native vegetation
- Regrading stream to return the stream to more natural condition.
- Wildlife Passage Shelf



# Project Scope – Parking for River Fishing Access

---

- Near the southwest corner of the bridge, parking and access for public recreational fishing were recommended by CTDEEP.
- On-going investigation on providing parking and foot access to the river



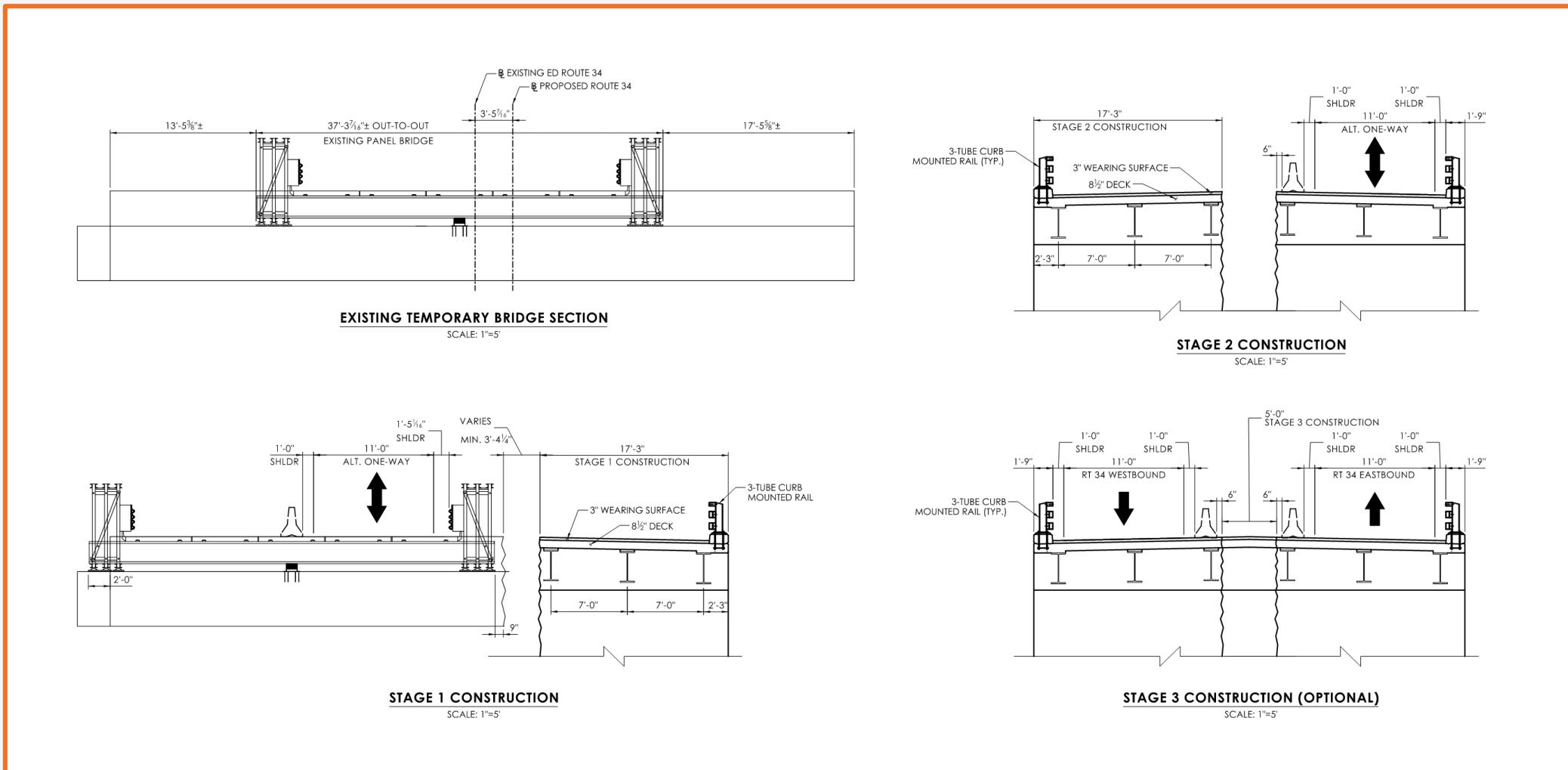
# Environmental Review

---

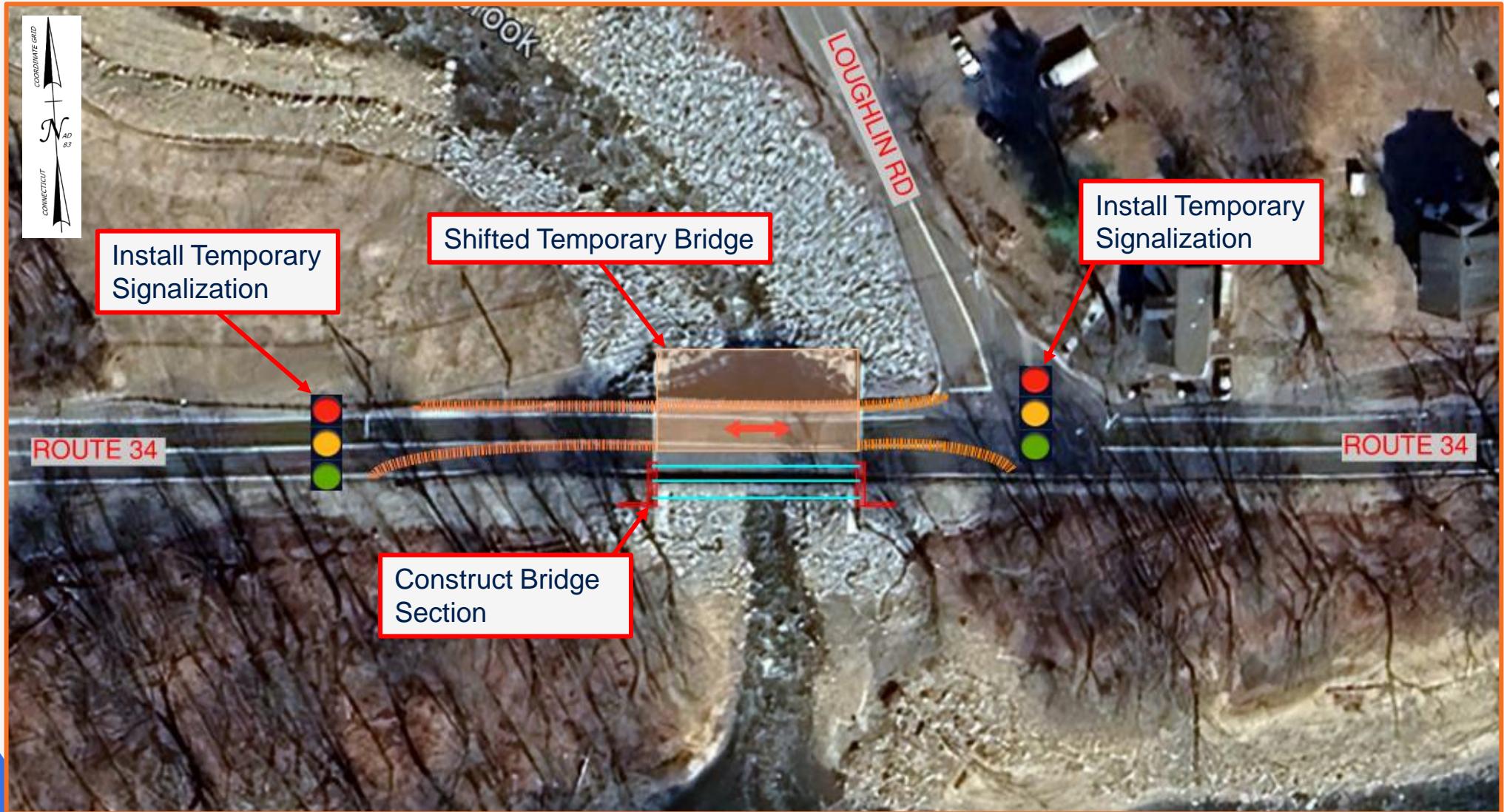
- Wildlife Recommendations/Concerns: to be completed
  - State and Federal Listed Species by Natural Diversity Data Base (NDDB)
  - US Fish and Wildlife Service (FWS) - Tree cutting time of year restriction required (April 15 – October 31)
- Cultural Resources
  - State Historic Preservation Office (SHPO)/Tribal Historic Preservation Office (THPO) coordination is ongoing.



# Staged Construction



# Construction Stage 1 – Summer 2027

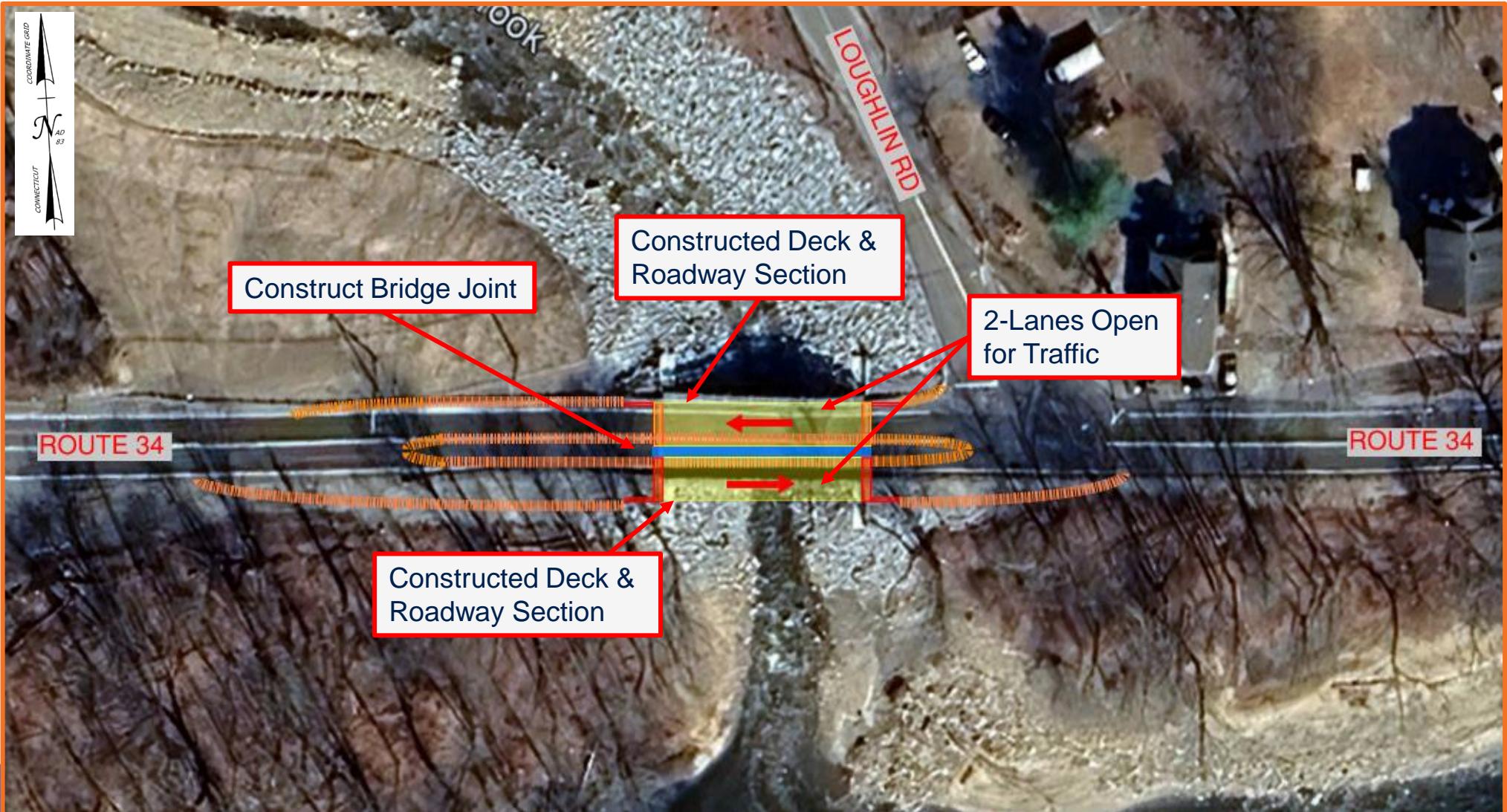


State Project No. 0107-0181 | Replacement of Bridge No. 00944 Carrying Route 34 over Eight Mile Brook

# Construction Stage 2 – Summer 2027

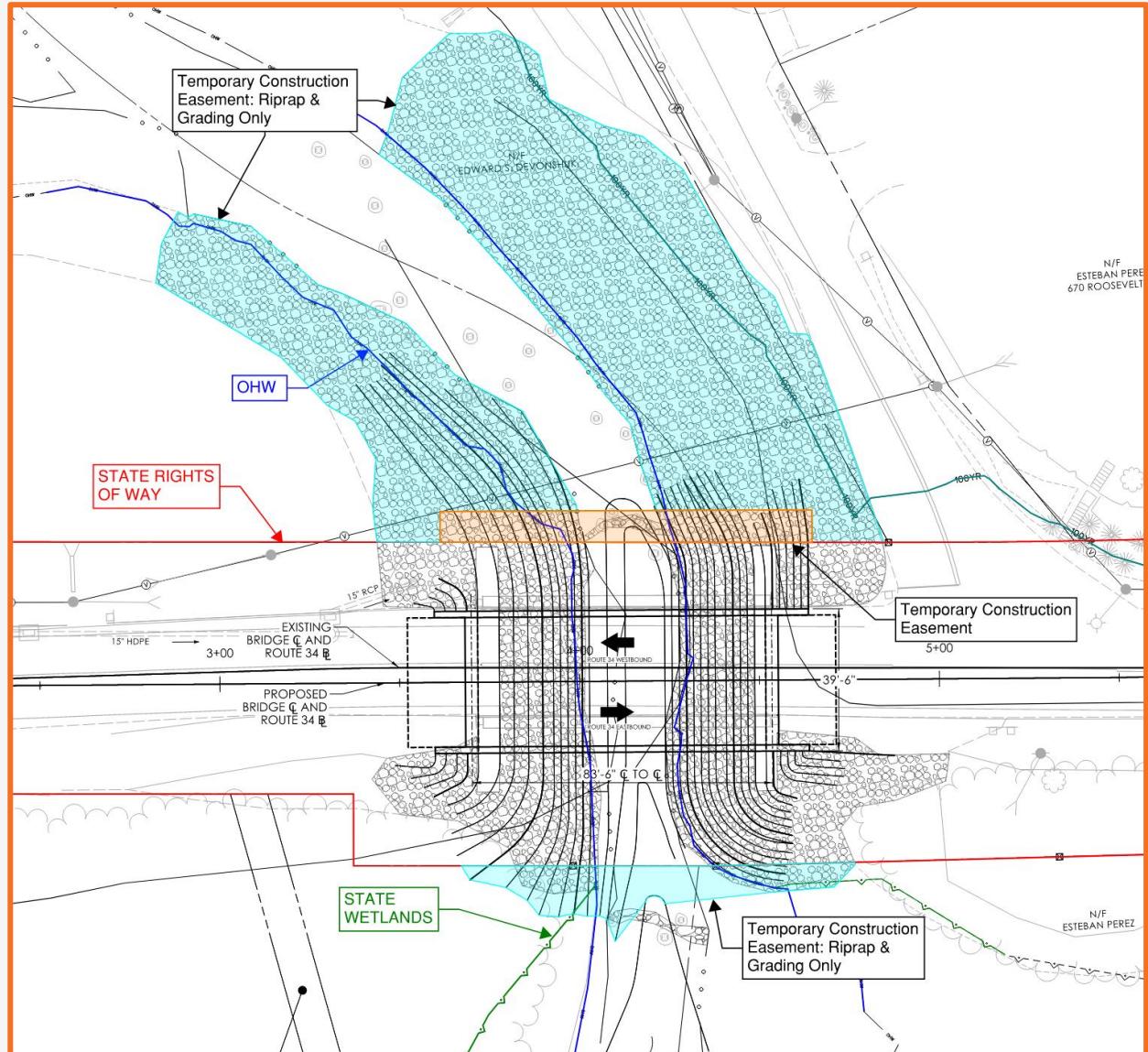


# Construction Stage 3 (Optional) – Summer 2027



# Rights of Way Impacts

- State ROW – about 20- to 28-ft off edge of road on Rt 34
- Construction easements
  - Temporary relocation of overhead utilities
  - Construction activities
  - Riprap modification
- Anticipated to be limited within the vicinity of the bridge only



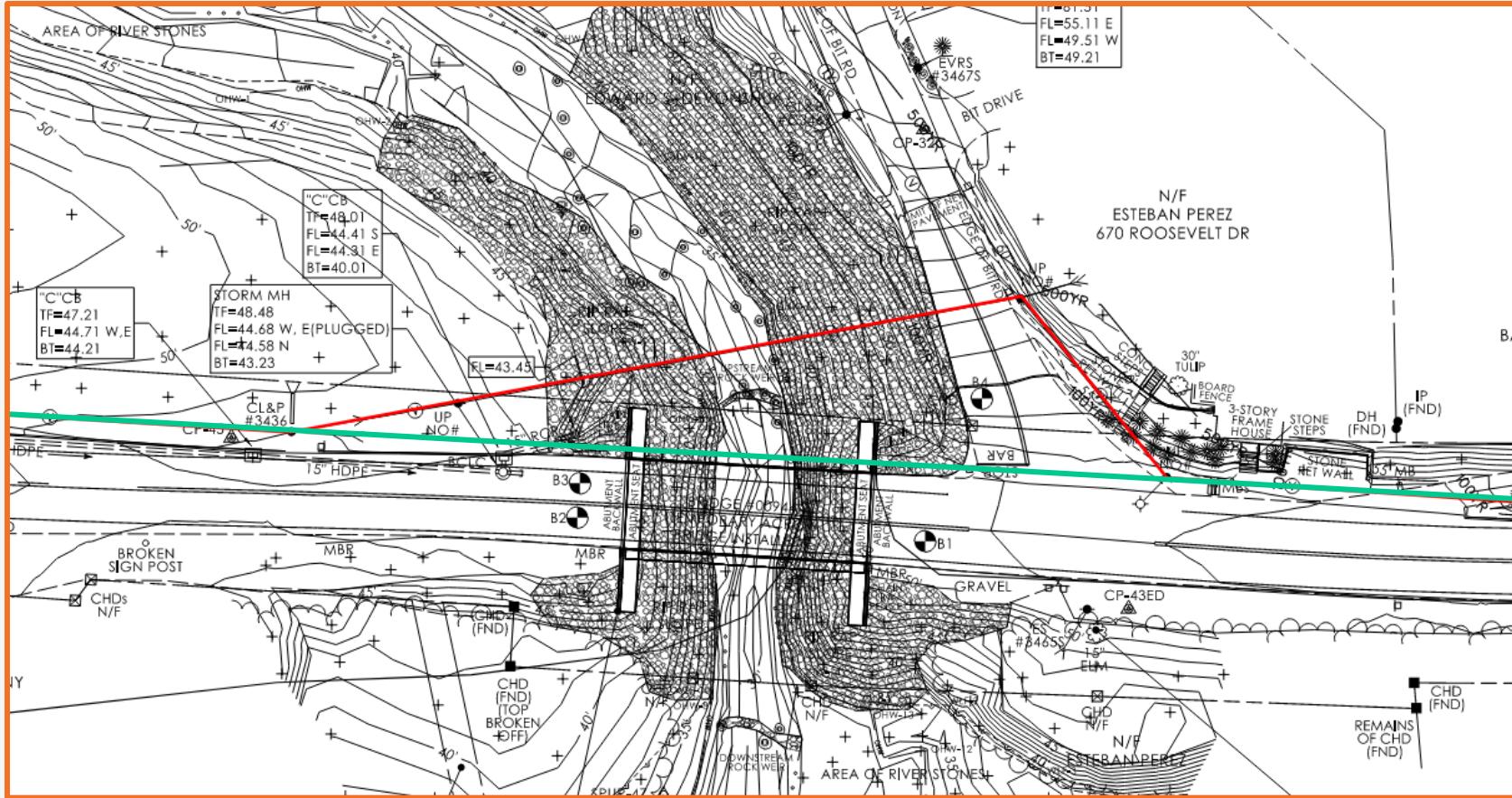
# Utility Coordination

Overhead power & communication utilities :

- May need a temporary relocation for staging and erection only.
- Anticipated back to the pre-emergency layout

Underground:

- N/A



# Traffic Considerations

---

- Rt 34 has moderate traffic volume and limited detour options : ADT 9,200 (2024) with 4% Truck Traffic
- As the site constraints allow, staged construction will provide at least one lane open.
- Signalized alternating one-way pattern with occasional short-term closures as needed for critical tasks.
  - To minimize short-term closures and restrict closures to nighttime as much as possible



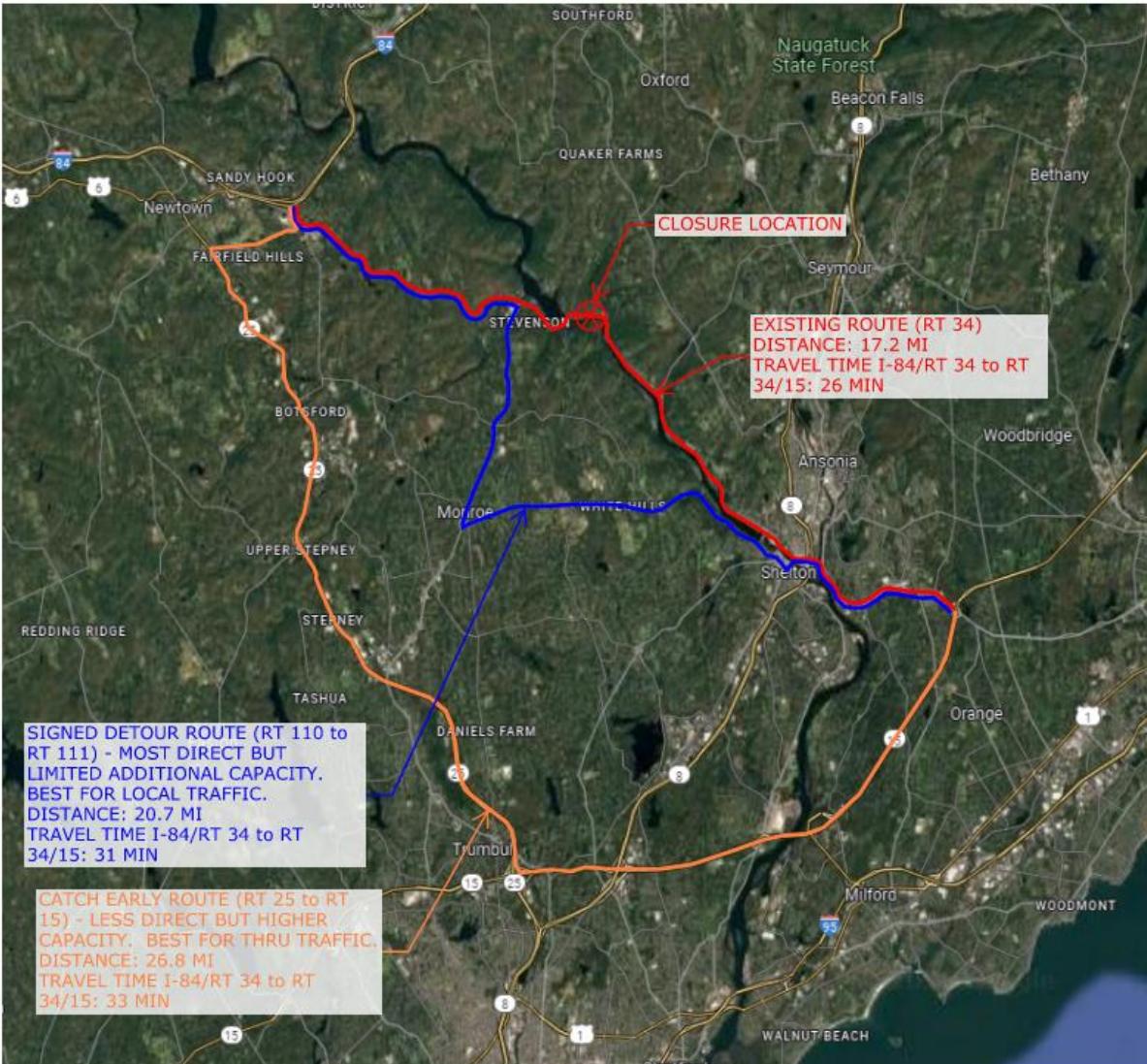
# Traffic Considerations – Temporary Signalization

## Signalized alternating one-way pattern:

- Three-phased signal: 1-2 minutes delay at PM peak, less off-peak
- Expected to clear all queued vehicle in one cycle (except 5-6PM peak hour)
- Signal to have emergency vehicle pre-emption



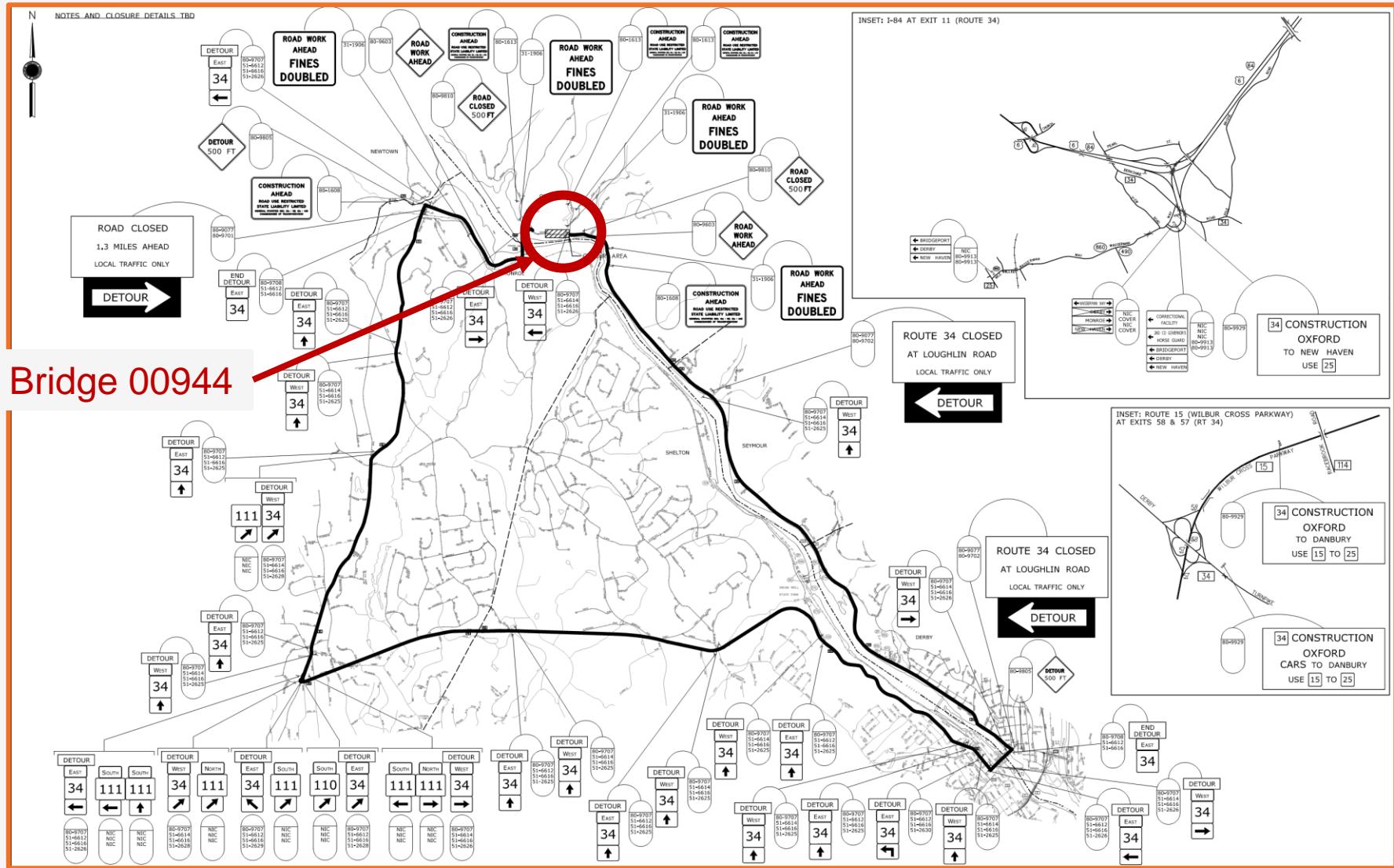
# Traffic Considerations – Potential Alternate Routes



- Route 110 to Route 111 detour adds ~5 minutes to travel time
- Route 25 to Route 8 detour adds ~8 minutes to travel time
  - Can be less for traffic heading directly between Danbury and New Haven
- Adjacent town roads (Loughlin, Coppermine, etc.) not viable due to steep grades, sharp curves and angled intersections



## Traffic Considerations – Signed Detour for Short-Term Closure



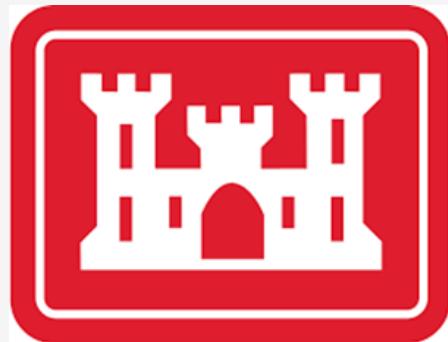
State Project No. 0107-0181 | Replacement of Bridge No. 00944 Carrying Route 34 over Eight Mile Brook



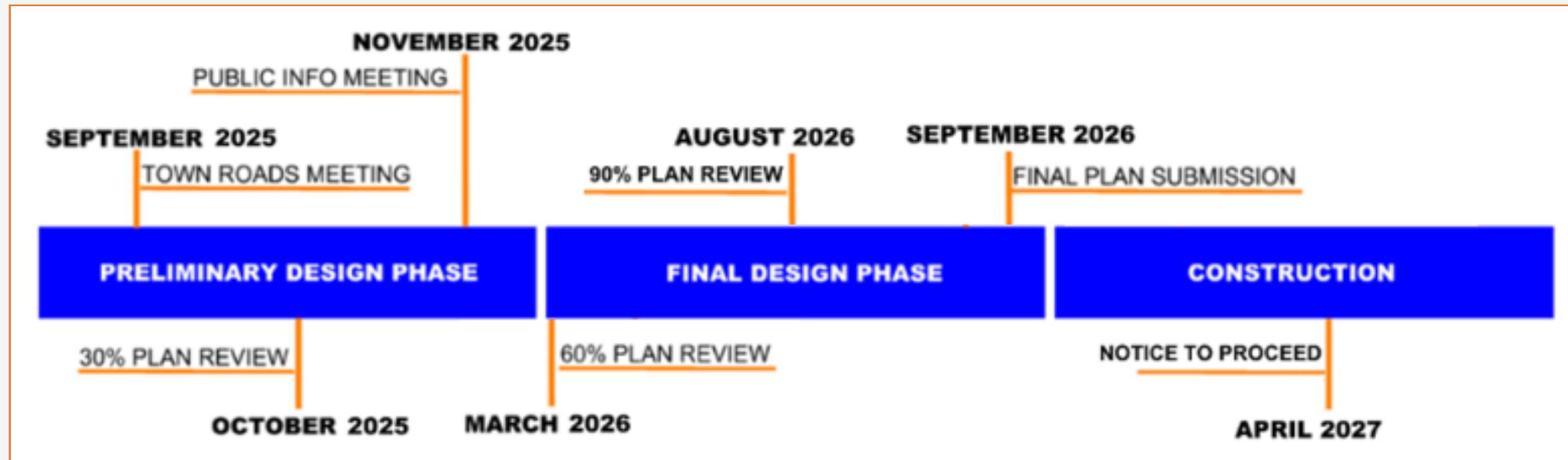
# Anticipated Permits

---

- US Army Corps of Engineering - SV (GP-19)
- CTDEEP - Individual Flood Management Certification
- CTDEEP - Inland Wetland & Watercourse General, Activity 10 Form N



# Bridge Replacement Project Timeline



# Project Schedule & Funding

---

## Schedule:

- Final Design Plans: 9/16/2026
- ADV: 1/7/2027
- Construction anticipated to start in April 2027

## Duration:

- One season job including highway, structure & traffic work - single lane open for traffic

## Funding:

- Preliminary estimate shows \$11 Million.
- 80% Federal FHWA and 20% State Funding – No Town Funds



# Right-of-Way Relevant Law

---

## State of Connecticut

- C.G.S. Sections 13a-73 & 13a-98e

## Federal

- Uniform Relocation Assistance and Real Property Acquisition Policies Act of 1970, as amended.



Kathleen Ericson  
Rights-of-Way Coordinator



# Right-of-Way Acquisition Process

Letter of Intent to Acquire

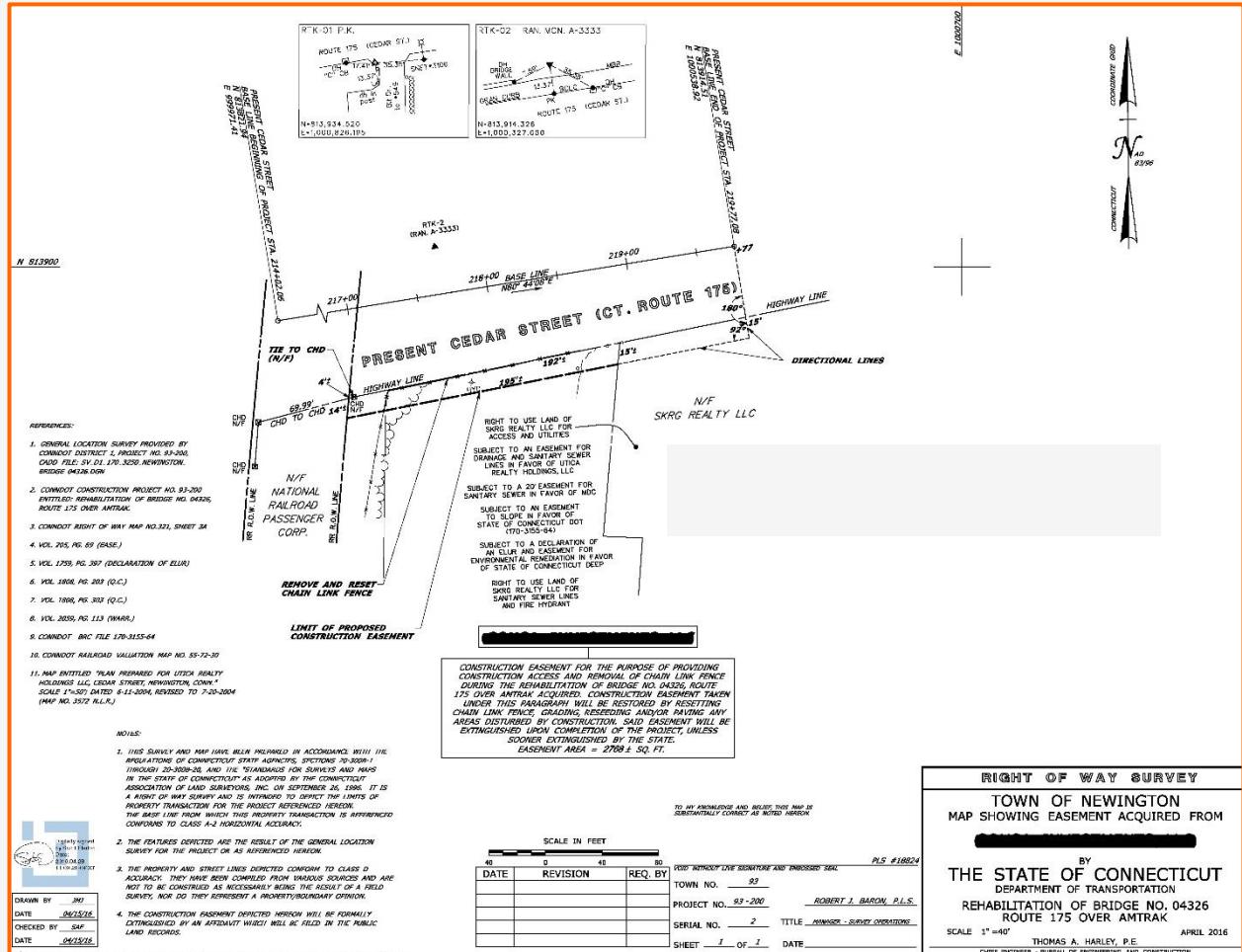
Valuation

Offer of Just Compensation

Negotiation

Acquisition

- Agreement
- Eminent Domain/Condemnation
- 6-month Appeal Period



## Sample Property Map

State Project No. 0107-0181 | Replacement of Bridge No. 00944 Carrying Route 34 over Eight Mile Brook



# Send a Question or Comment

---



by email: [Jonathan.Kempf@ct.gov](mailto:Jonathan.Kempf@ct.gov)

---



by phone: (860) 594-2020

---



In Person: Only available during meeting immediately following the presentation

Note: The comment period is open through **Thursday, December 4<sup>th</sup> , 2025**

\*Access by Email and Phone only. Live Q&A only available Immediately following the in-person presentation.





# Question & Answer Session

---