



Royalton BF 0147(29) Project Update Presentation



June 25, 2024

Project Team

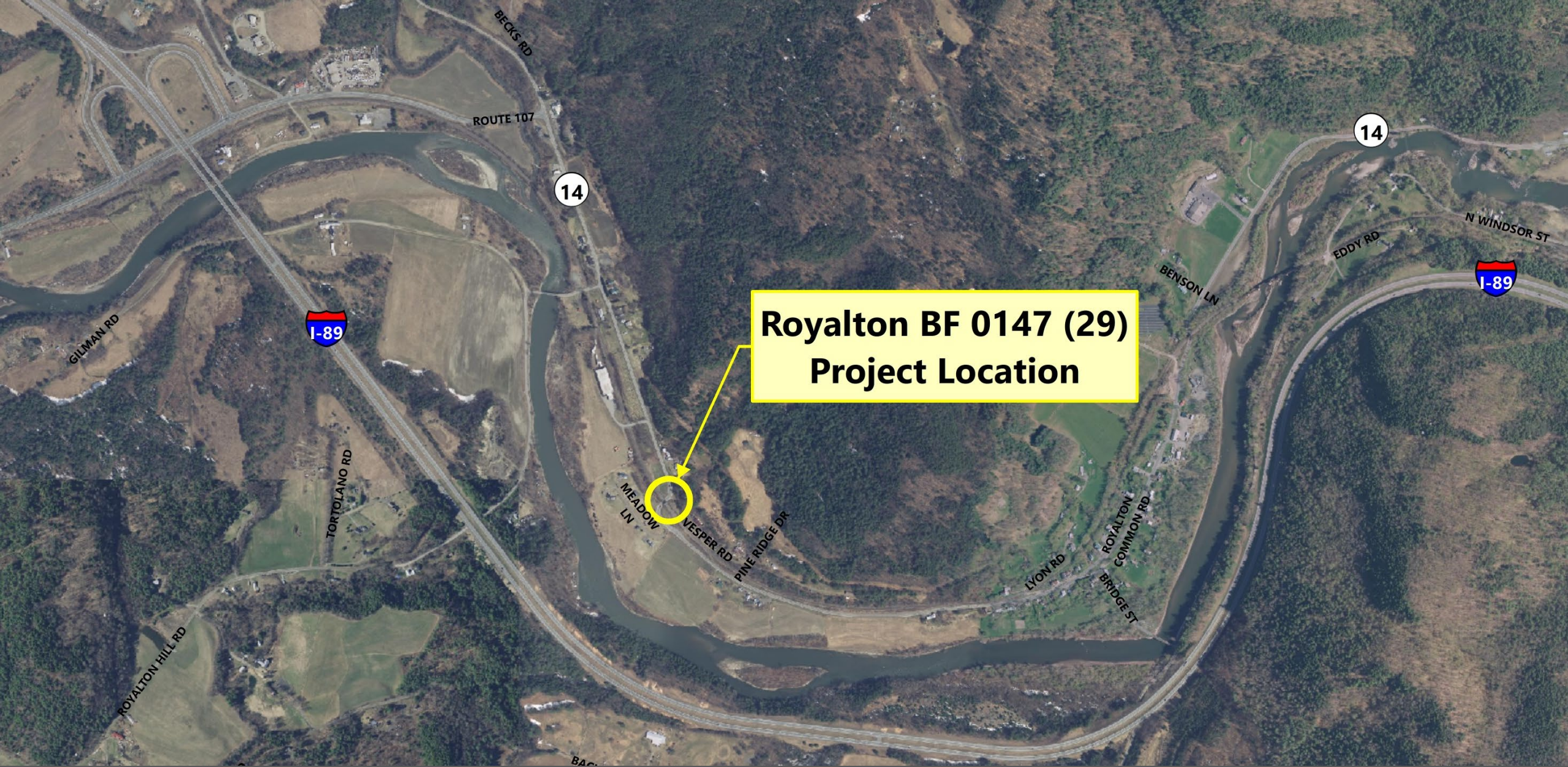


U.S. Department
of Transportation

**Federal Highway
Administration**

Agenda

- Project Overview
- Original Conditions
- Project Status / Construction Update
- Schedule
- Traffic Impacts/ Detour
- Public Information
- Questions



**Royalton BF 0147 (29)
Project Location**

Project Location Map

Project Overview

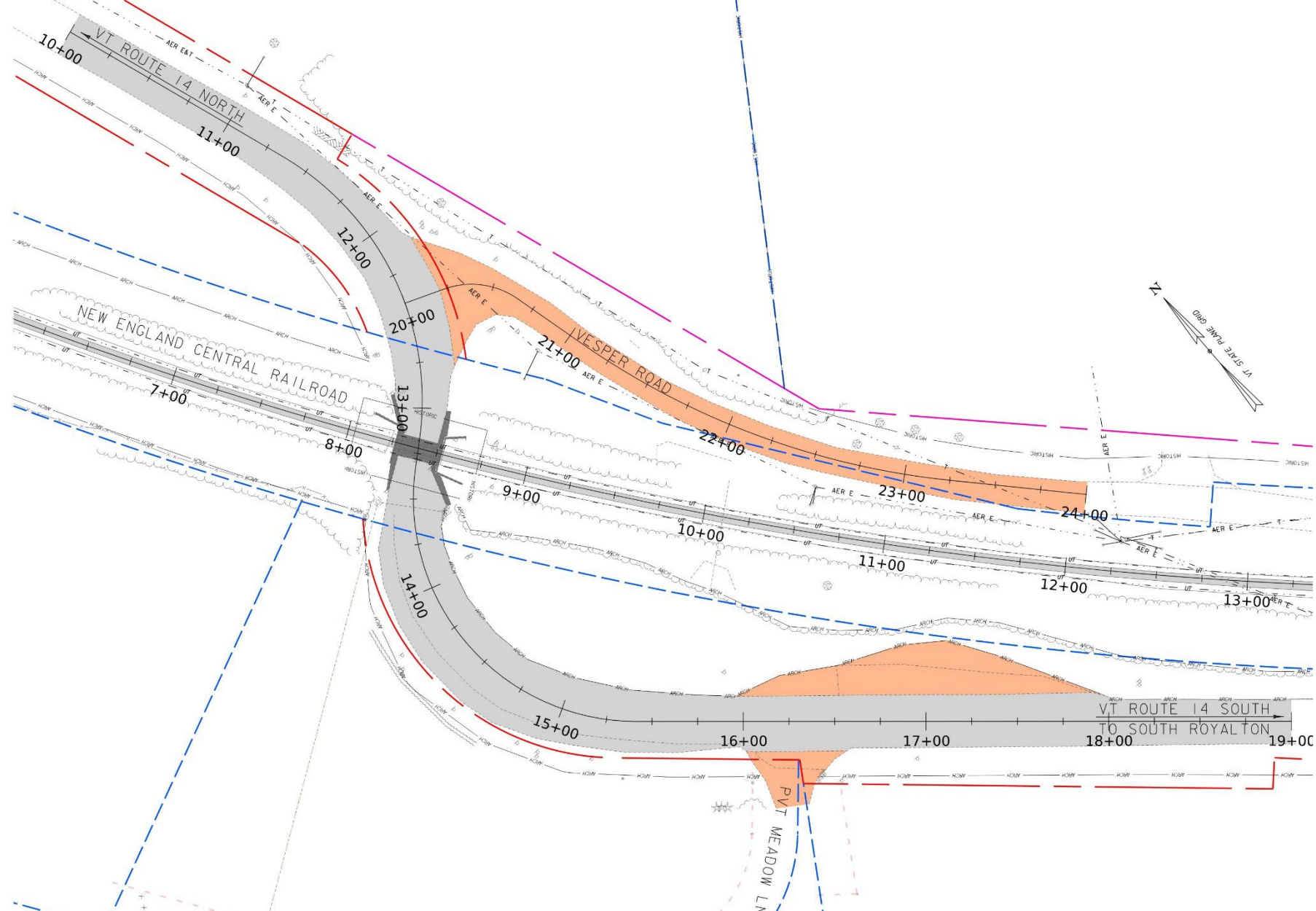
- Replacement of Bridge 24 on VT Route 14 / NECR Bridge 35.01
- Engineer Construction, Inc. (ECI) was awarded the construction contract in 2023
- 21-Day VT Route 14 closure with detour
- Total Construction Cost
 - Estimate: \$10,246,845.00



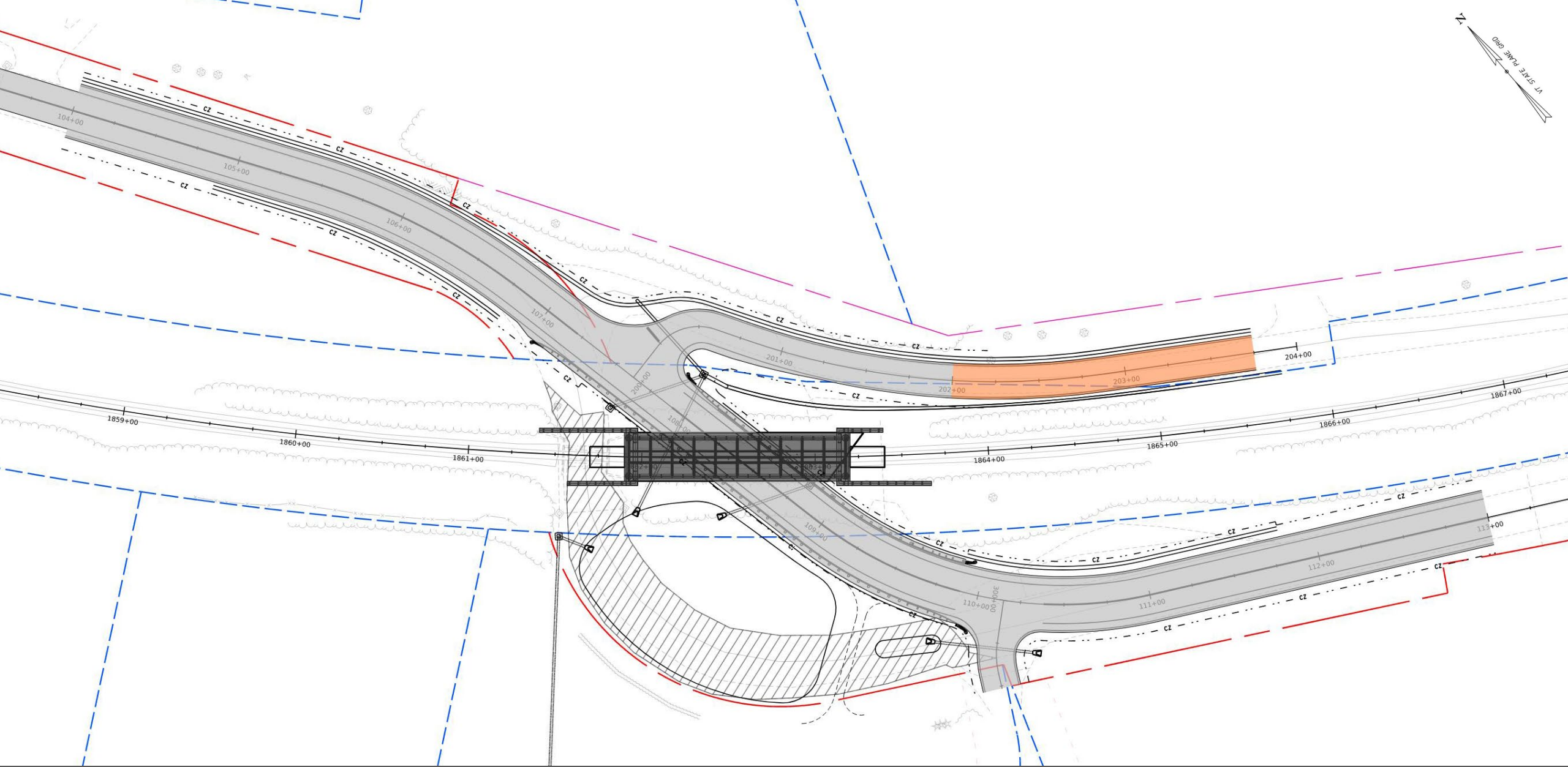
Original Conditions - Safety Concerns

- Railroad Bridge Structure Clearance Issues
- Bridge Structural Integrity
- High Vehicular Crash Location
- Deficient Roadway Geometry
- Narrow Shoulders
- Insufficient Sight Distances
- Drainage Issues





Existing Conditions Plan



Proposed Configuration Plan

Project Status Update

- Began Construction April 2023
- Construction of new bridge foundations
- Installation of new bridge abutments and wingwalls
- Installation of temporary railroad bridge
- Raise railroad track grade
- Preparation of realigned VT Route 14



Upcoming Construction Overview

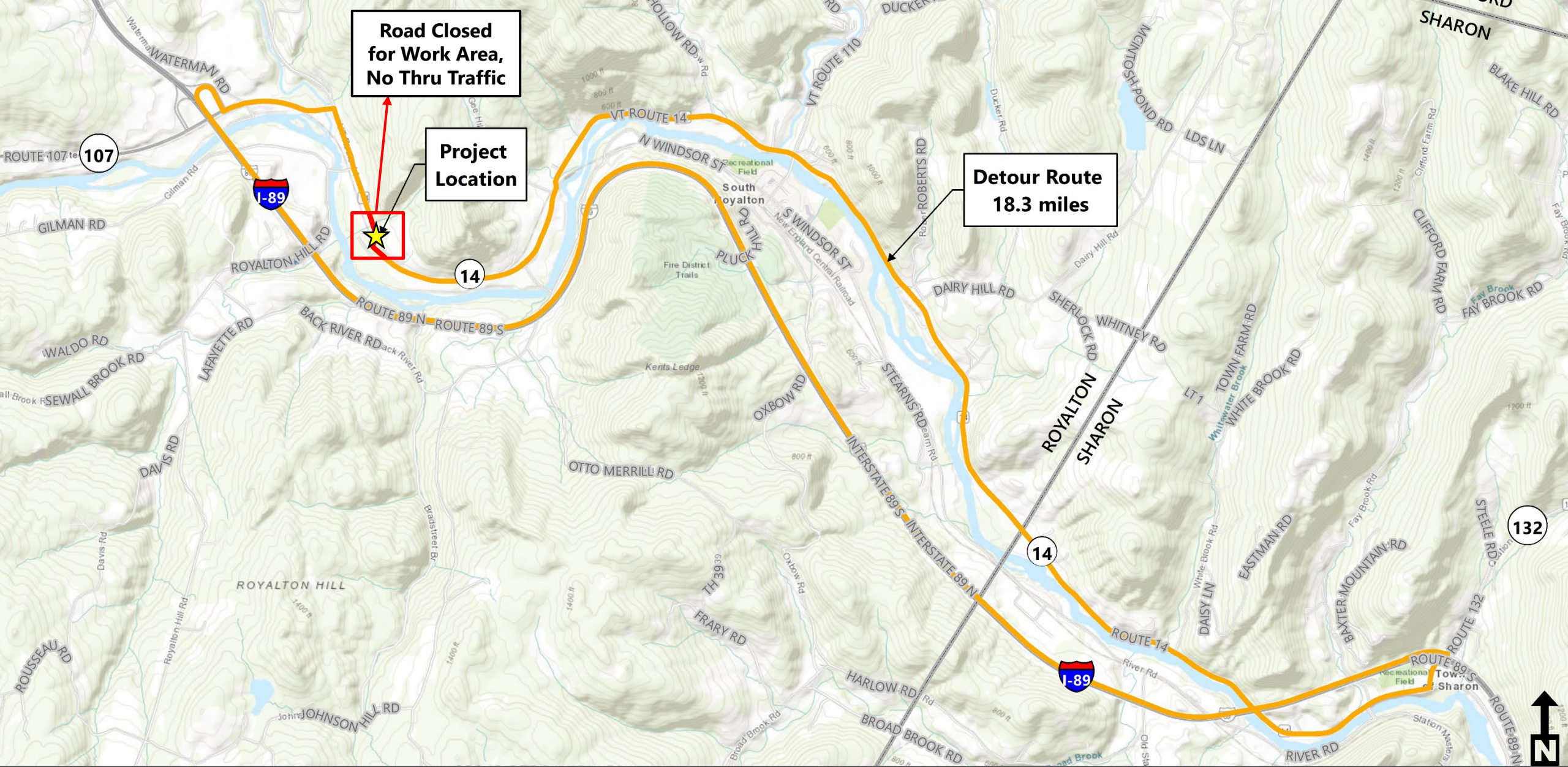
- **Accelerated Bridge Construction Period** – VT 14 and Railroad Closure
 - Removal of existing bridge and construction of new embankment
 - Excavation for new VT Route 14 roadway location
 - Move new bridge into place
 - Construct new roadway subbase and pavement
 - Install guardrail
- **Project Finalization and Cleanup** – Lane/shoulder closures on VT 14 with flagger controlled one-way traffic

Construction Schedule



Traffic Impacts

- **21- Day VT Route 14 Full Closure:** July 9th – July 29th, 2024
- **134 - Hour New England Central Railroad Closure:** July 11th – July 16th, 2024
- **Regional Detour Route:** VT Route 14 to VT Route 107 and Interstate 89 back to VT Route 14
 - Detour Route: 14.9 Miles
 - End-to-End Distance: 18.7 Miles



Detour Route

Public Information

- Have questions during construction?
Contact the project's Public Information Consultant –
Elisabeth Sundberg
 - Email: esundberg@vhb.com
 - Phone: **802-391-5559**
- Use the QR code to signup to receive weekly Construction Updates
- VTrans Project Website
 - <https://outside.vermont.gov/agency/VTRANS/external/Projects/Structures/21J240>



Questions

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www.vhb.com



Offices located throughout the east coast

