

Get Involved

VDOT representatives will review and evaluate any information received as a result of the design public hearing. The comment sheet in this brochure is provided to assist in making your comments. You may leave the sheet or any other written comments in the comment box, or mail/email your comments.

Comments must be postmarked, emailed or delivered to VDOT by **Dec. 17, 2018** to be included in the public hearing record.

Mail comments to Mr. Vicente Valeza at the address below or email

meetingcomments@vdot.virginia.gov.

Please include "John G. Memorial Bridge Rehabilitation" in the subject line.

Project information shared here, including a summary of comments received during the comment period, will be available at **www.virginiadot.org/projects** and at VDOT's Northern Virginia District Office.

Contact Information

Primary Contact:

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Design Public Hearing

John G. Lewis Memorial Bridge Bridge Rehabilitation Featherbed Lane over Catoctin Creek Loudoun County

**Wednesday, December 5, 2018
6:30 p.m. to 8:30 p.m.**

Waterford Old School
40222 Fairfax Street
Waterford, VA 20197

Design Public Hearing

Welcome to the Virginia Department of Transportation's (VDOT) design public hearing on plans to rehabilitate the historic John G. Lewis Memorial Bridge that carries Featherbed Lane (Route 673) over Catoctin Creek in Loudoun County. We look forward to your active participation.

This design public hearing is being held to provide an opportunity for citizens and organizations to give VDOT comments and/or suggestions on the proposed project. VDOT strives to ensure that all members of the community have the opportunity

to participate in public decisions on transportation projects and programs affecting them.

VDOT representatives are present to discuss the project and answer your questions. A comment sheet is included in this brochure and your input is encouraged. All written comments received on this project will be reviewed by the design team, summarized and made available on the VDOT project website.

Project Overview



Purpose: Improve safety and extend the overall life of the historic John G. Lewis Memorial Bridge.

Location: John G Lewis Memorial Bridge (Featherbed Lane over Catoctin Creek) in Loudoun County.

Improvements: Rehabilitate the historic bridge, including installing the existing truss above a new steel beam and timber deck bridge, adding a new bridge pier and upgrading the bridge railings.

Project Description

This project will rehabilitate the historic John G. Lewis Memorial Bridge that carries Featherbed Lane (Route 673) over Catoctin Creek in Loudoun County.

The existing bridge is a single span steel pin connected Pratt through truss with a timber deck and asphalt overlay, supported on stringers and floor beams. It is 157 feet long, has an overall width of about 14 feet and clear roadway width of 11.16 feet. It carries one alternating traffic lane.

- The bridge was originally erected in 1889 on the Leesburg & Alexandria Turnpike (Route 7) over Goose Creek, to replace a bridge destroyed by flooding.

- In 1932 the bridge was dismantled and moved to its current location.
- The bridge was posted 15 tons in 2004 and reduced to 3 tons in 2013 due to insufficient capacity.
- The existing bridge has an average traffic count of 60 vehicles per day with daily truck traffic less than 3 trucks.
- The bridge was listed in the National Register of Historic Places on June 25, 1974.

Existing Bridge



Estimated Project Cost

Preliminary Engineering
\$940,000

Right of Way Acquisition
\$130,000

Construction
\$4.5 million

Total Cost
\$5.6 million

Civil Rights

VDOT ensures nondiscrimination and equal employment in all programs and activities in accordance with Title VI and Title VII of the Civil Rights Act of 1964. If you need more information or special assistance for persons with disabilities or limited English proficiency, contact VDOT's Civil Rights Division at 703-259-1775 or TTY/TDD 711.

Right of Way

Preliminary right of way impacts presented on the displays are conceptual in nature and may change as the design is refined. The property owners will be informed of the exact location of the easements during the right of way acquisition process and prior to construction.

Information about right of way purchase is discussed in VDOT's brochure, "Right of Way and Utilities: Guide for Property Owners and Tenants." Copies of this brochure are available here from VDOT personnel.

After this meeting, information regarding right of way may be obtained from the right of way contact listed on the back of this brochure.

Anticipated Schedule

Design Public Hearing
Dec. 5, 2018

Comment period ends
Dec. 17, 2018

Begin Right of Way Acquisition
Spring 2020

Begin construction
Spring 2021

Environmental Review

Pursuant with the National Environmental Policy Act (NEPA) and 23 CFR 771, a Programmatic Categorical Exclusion (PCE) will be prepared under agreement with the Federal Highway Administration. The John G. Lewis Memorial Bridge is listed in the National Register of Historic Places (NHRP). In compliance with the National Historic Preservation Act, Section 106 and 36 CFR Part 800, information concerning the potential effects of the proposed improvements on the historic bridge and other properties listed in or eligible for listing in the NRHP will be available at tonight's hearing.

Representatives from VDOT's Environmental Section are available to discuss the environmental review process and to answer any related questions.



www.VirginiaDOT.org

Design Public Hearing

**John G. Lewis Memorial Bridge
Bridge Rehabilitation
Featherbed Lane over Catoctin Creek
Loudoun County**

**Wednesday, December 5, 2018
6:30 p.m. to 8:30 p.m.**

Waterford Old School
40222 Fairfax Street
Waterford, VA 20197

COMMENT SHEET

State: 0673-053-082, P101, R201, B697, UPCs: 110498, 105898, Federal: STP-BR09 (294), STP-5A01 (949)

All comments are subject to public disclosure.

Name (optional):

Address (optional):

Email (optional):

1. Do you support this project?

Yes Yes, with the following suggestions:

No

2. What are your major concerns that you would like to see considered in the design of this project?

3. Please provide us with any additional information or suggestions that will improve the completion of this project.

4. How did you hear about this meeting?

Newspaper Social Media Website Other _____

Please leave this comment sheet at the designated location, mail your comments (postmarked by Dec. 17, 2018) to the addressee on the reverse side, or email them to meetingcomments@vdot.virginia.gov. Please include "John G. Lewis Memorial Bridge Rehabilitation" in the email subject line.

Fold Line

Postal Service
will not
deliver without
a stamp

Mr. Vicente Valeza, Jr., P.E.
Virginia Department of Transportation
Northern Virginia District
4975 Alliance Drive
Fairfax, VA 22030

Fold Line



**REHABILITATION OF JOHN G. LEWIS MEMORIAL BRIDGE
OVER CATOCTIN CREEK
LOUDOUN COUNTY
PROJECT NO. 0673-053-082; UPC 110498 & 105898**

PUBLIC HEARING

www.virginiadot.org/projects

Vicente Valeza, P.E. – Project Manager, Structure & Bridge

Wednesday, December 5, 2018

PROJECT LOCATION



PUBLIC INVOLVEMENT

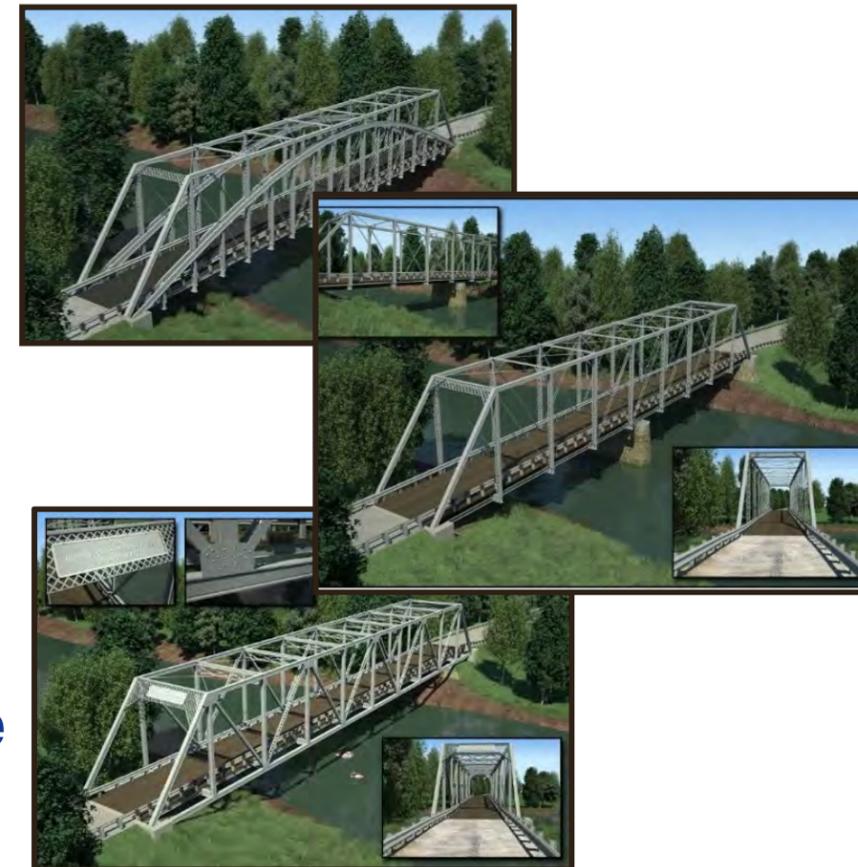
- **Project Goal: Rehabilitate the truss bridge and maintain listing on the National Register of Historic Places**

Section 106 of the National Historic Preservation Act, requires consideration of historic properties as part of project development.

- **Requires the agency to consider the effects of their undertakings on the historic property**
- **Requires review of the effects by consulting parties including; the State Historic Preservation Office (SHPO), Virginia Department of Historic Resources (VDHR), local government, & individuals/organizations with a demonstrated interest in the project.**

Eight bridge rehabilitation alternatives were developed.

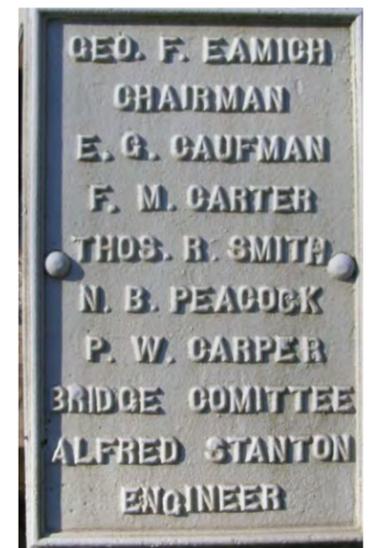
VDOT held five meetings with the stakeholders to narrow down the alternatives to the proposed alternative.



HISTORIC RESOURCES

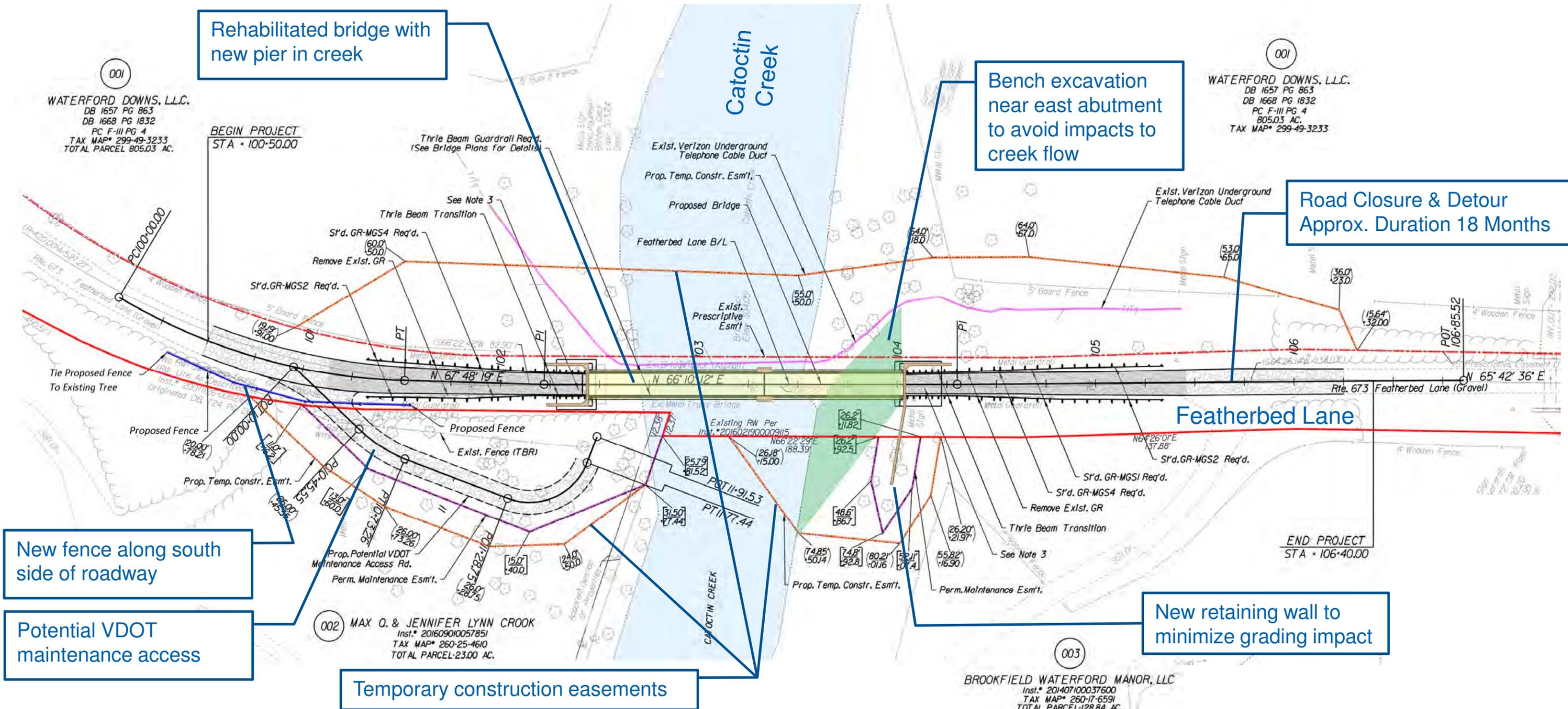
VDHR concurred with VDOT's determination that the John G. Lewis Memorial Bridge (over Featherbed Lane) proposed alternative will have No Adverse Effects on the Historic status of the bridge, provided that the following commitments are fulfilled:

- Reduce depth of new steel beams beneath the deck to minimize visual impacts.
- Replace the replaceable cracked truss components to strengthen the structure.
- Update the 1974 NRHP nomination form to reflect the existing bridge condition.
- Design new bridge piers and abutments to include faux-stone architectural treatment similar in appearance and color to the existing bridge abutments. The pattern of the faux-stone treatment will be similar to Virginia Drystack.
- The VDOT shall provide 60% and 90% bridge design plans to the VDHR and consulting parties for review and comment for the purpose of verifying VDOT's fulfillment of these commitments.



The March 25, 2016 Determination of Effect letter is available upon request

PROJECT OVERVIEW



RENDERING OF PROPOSED TWO-SPAN STEEL BEAM BRIDGE WITH GLU-LAM TIMBER DECK AND EXISTING TRUSS





Steel Pin Connected Pratt Through Truss

157 feet long single span, with a timber deck and asphalt overlay.
Carries one alternating traffic lane.

1889 - Erected on the Leesburg & Alexandria Turnpike (Rte 7) over Goose Creek

1932 - Bridge dismantled and moved to current location

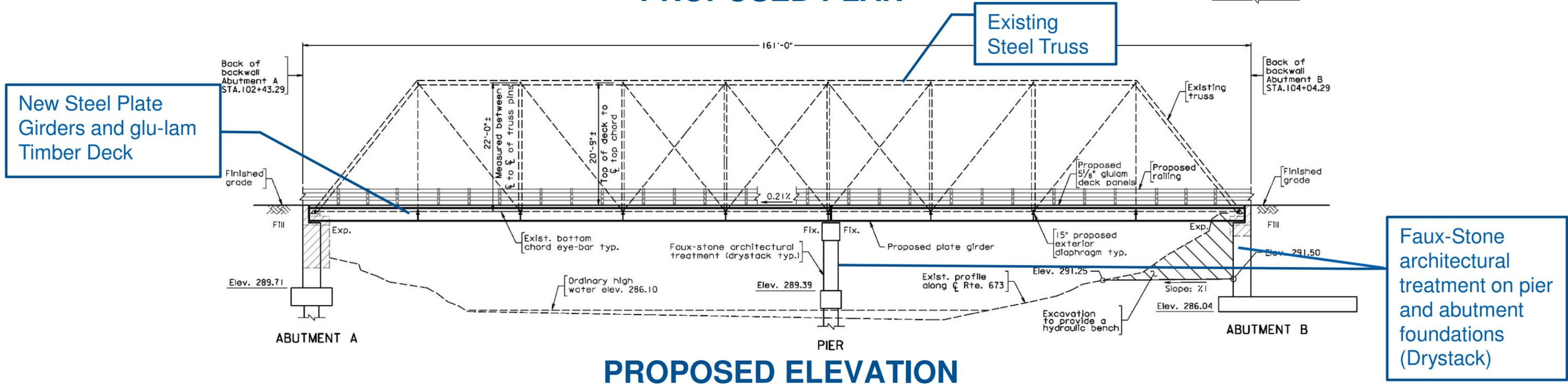
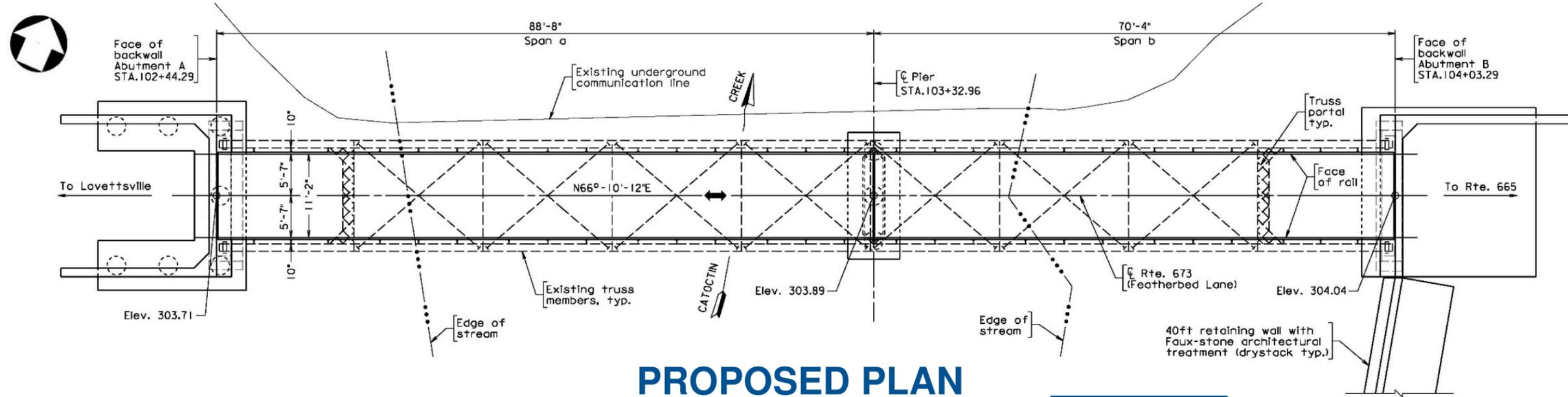
1974 - Bridge posted in the National Register of Historic Places



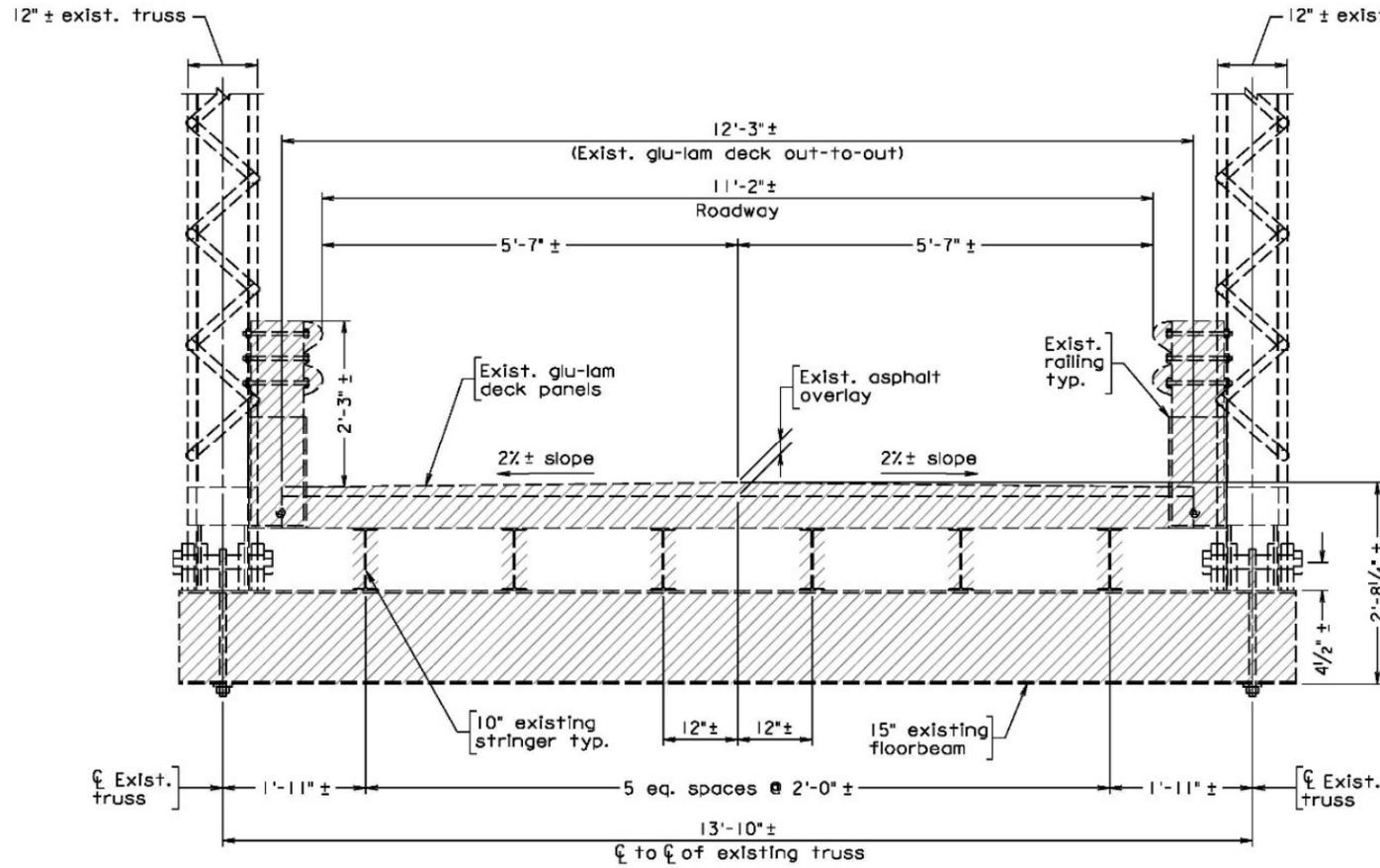
REDUCED LOAD CAPACITY

- The bridge was posted 15 tons in 2004 and reduced to 3 tons in 2013 due to insufficient capacity.
- The average daily traffic count is 60 vehicles including less than 3 trucks per day

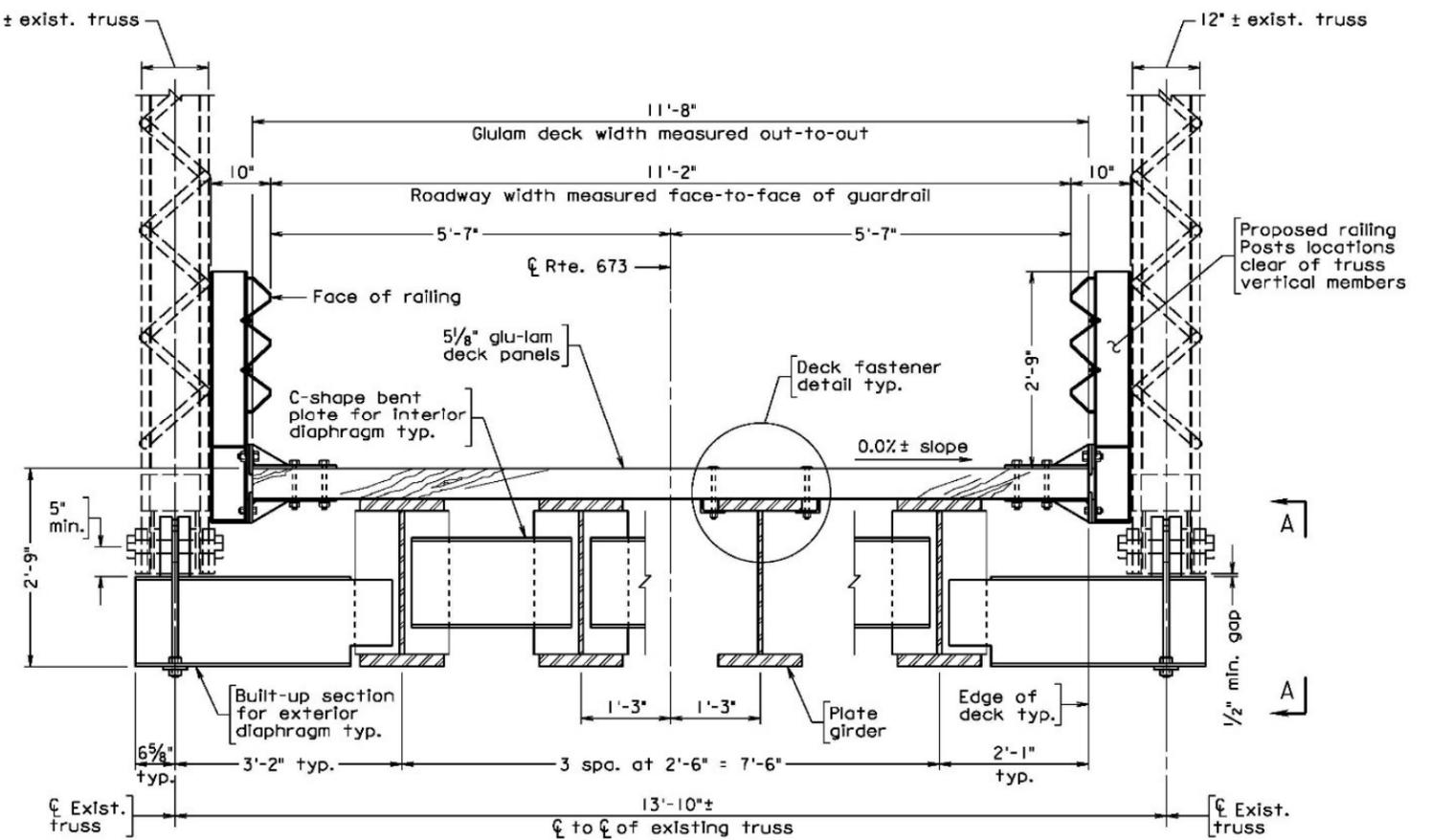
BRIDGE PLAN AND ELEVATION



BRIDGE TRANSVERSE SECTION

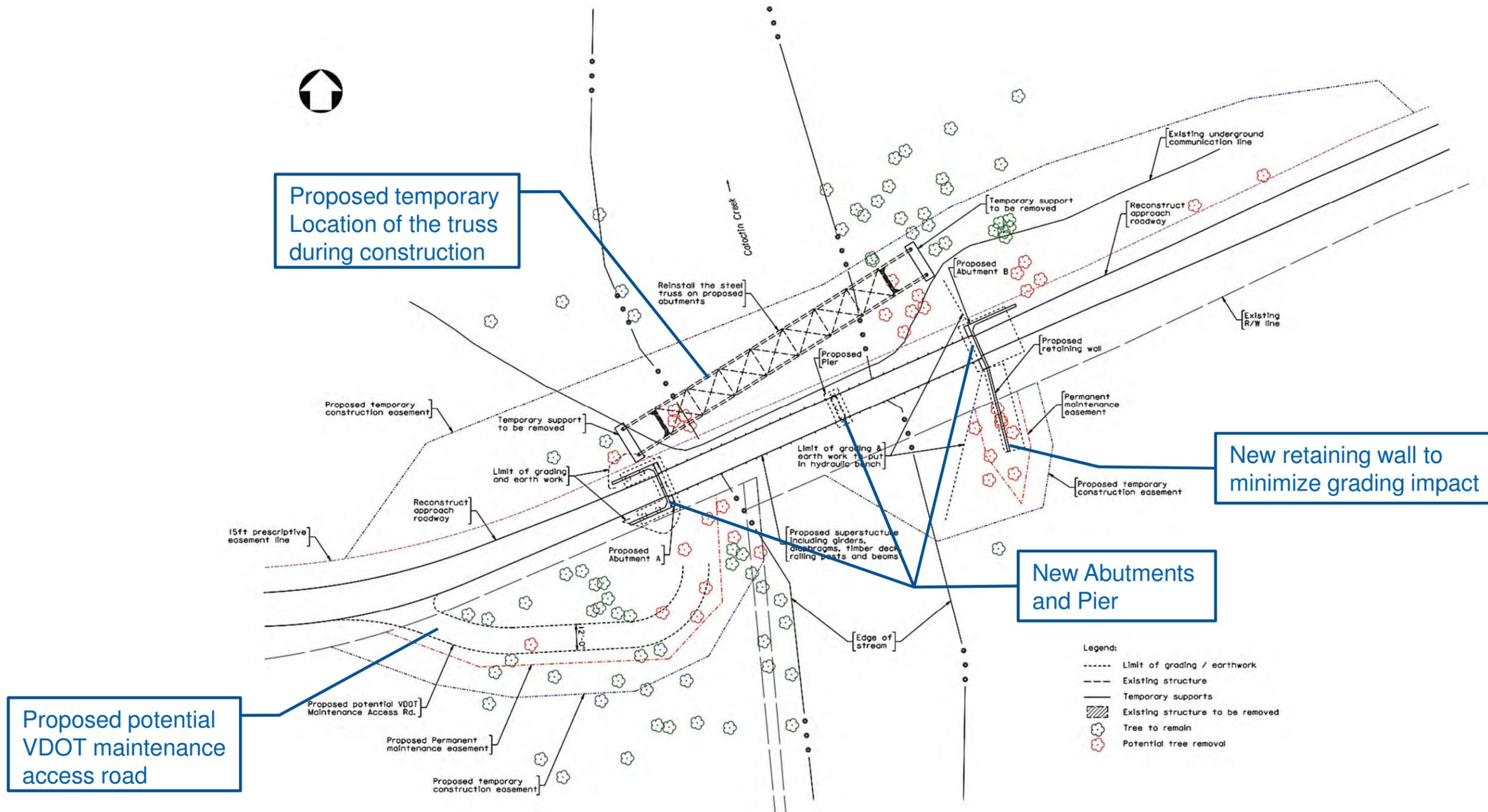


EXISTING BRIDGE TRANSVERSE SECTION

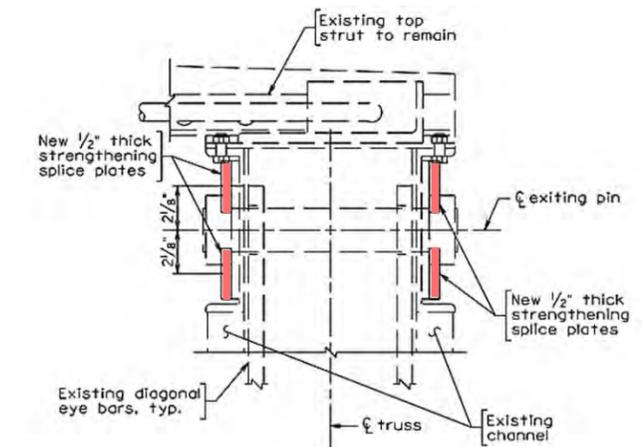
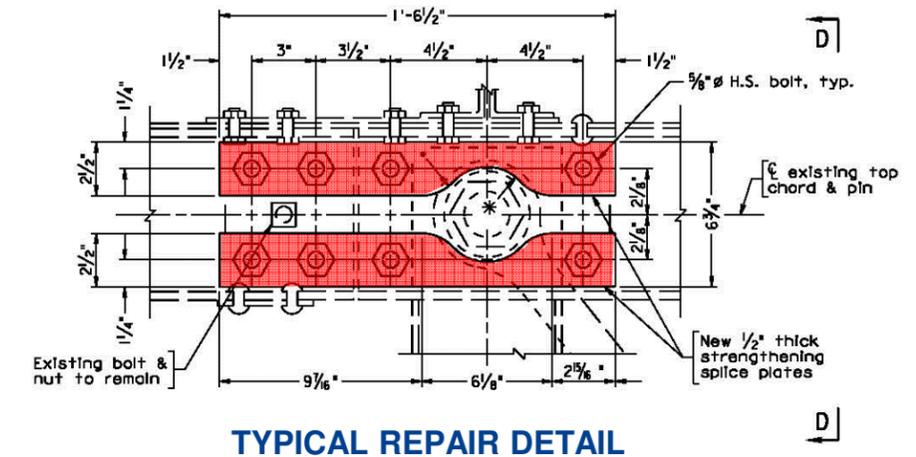
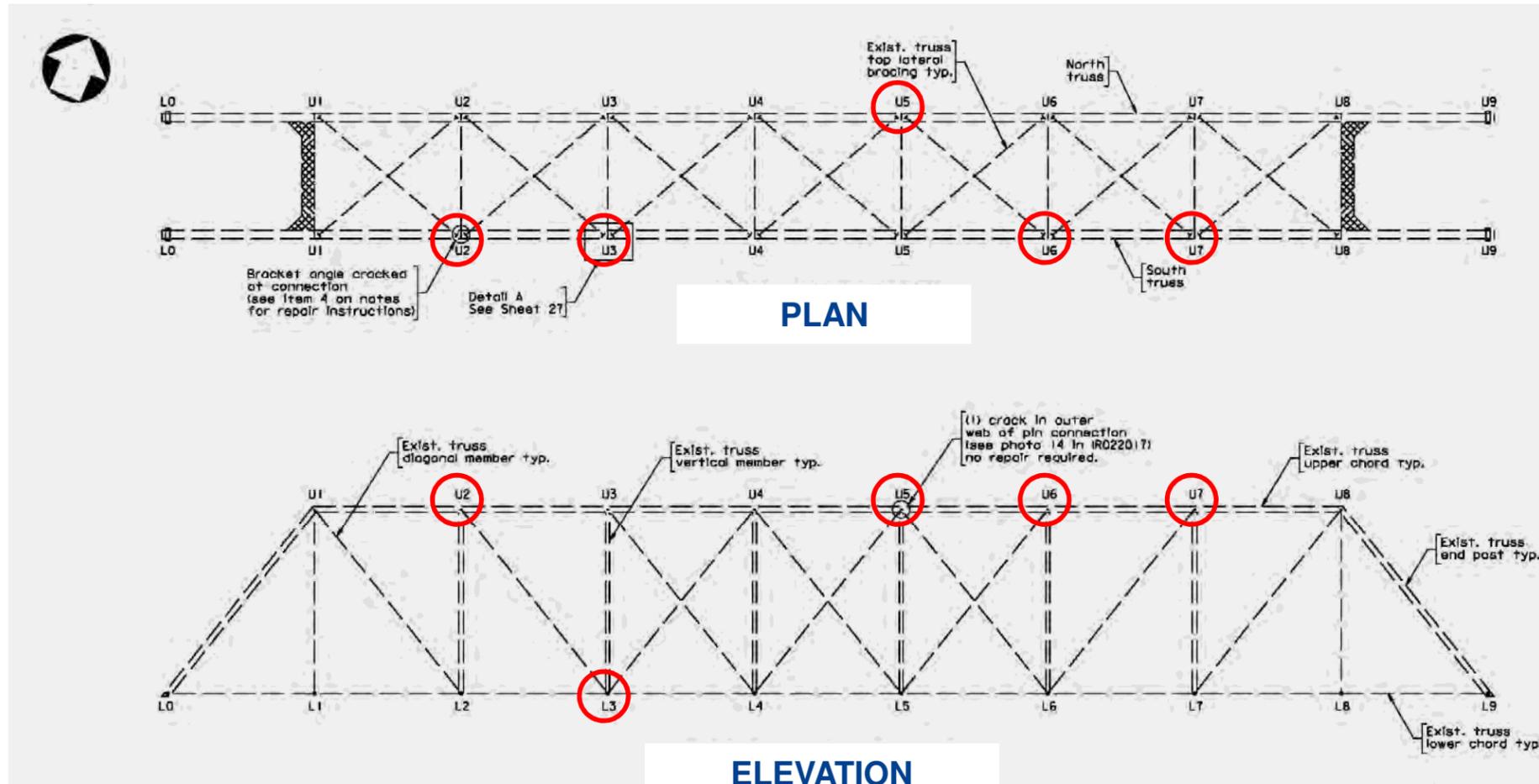


PROPOSED BRIDGE TRANSVERSE SECTION

SUGGESTED SEQUENCE OF CONSTRUCTION



EXISTING TRUSS REPAIRS

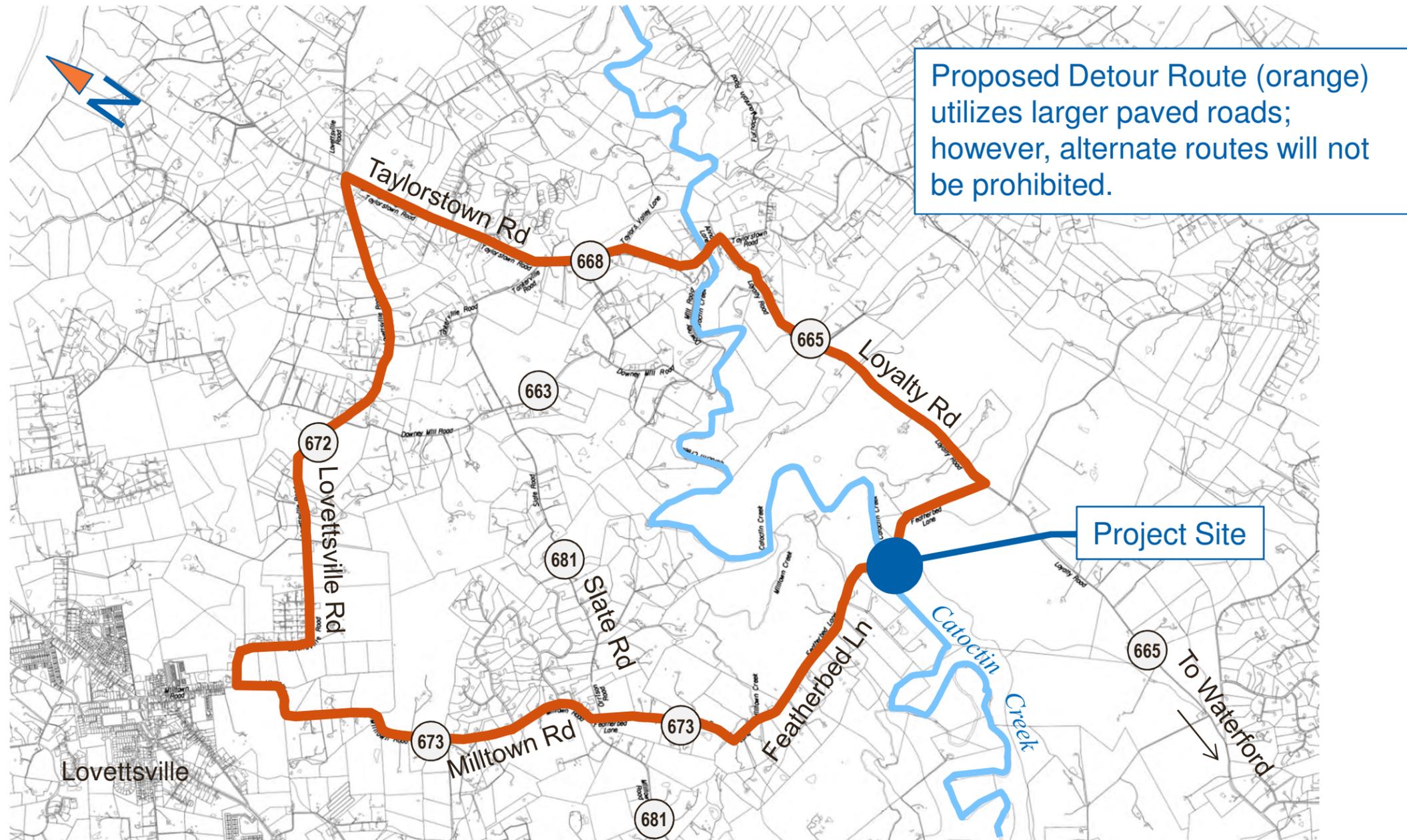


Cracks have developed at ends of steel truss members and the splice connection plates.

➤ **Proposed: New steel splice plates will be installed to strengthen the truss connections**

PROPOSED DETOUR ROUTE

Featherbed Lane will be closed at the Bridge during construction



ANTICIPATED SCHEDULE AND COST

Anticipated Schedule:

Construction

Begin Right of Way Acquisition: April 2020

Advertisement for Construction: February 2021

Begin Construction: Spring 2021

Estimated Project Cost: (Maintenance & State of Good Repair [SGR] Funded)

Total Cost: \$5.6 million (PE, ROW and Construction)

Preliminary Engineering \$ 940,000 (Maintenance Funds)

ROW \$ 130,000 (Maintenance Funds)

Construction \$ 4.50 million (SGR Funds)

THANK YOU

QUESTIONS & COMMENTS

Send comments via email or comment form until December 17th to:

Vicente Valeza, P.E.
NOVA District Project Manager
(703) 259-3256
vicente.valeza@vdot.virginia.gov