Welcome to the Virginia Department of Transportation’s (VDOT) public information meeting about plans to rehabilitate the northbound Route 29 (Lee Highway) bridge over Cub Run. This project aims to improve safety and extend the overall life of the bridge, which was built in 1954. We look forward to your active participation.

This meeting is being held to provide an opportunity for residents and organizations to give VDOT comments and/or suggestions on the 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 here to discuss the project and answer your questions. We’ve included a comment sheet with this brochure and encourage your input. All written comments received will be reviewed by the design team, summarized and made available on the VDOT project website.

Project at a Glance

**Purpose:** Aims to improve safety and extend the overall life of the bridge

**Lengths and Limits:** Route 29 Northbound over Cub Run in Fairfax County

**Phase:** In Design

**Begin Construction:** Summer 2020

**Cost:** $3.2 million

This project is being financed with state and federal State of Good Repair funds used for maintenance of structures and bridges.
This project will rehabilitate the northbound Route 29 (Lee Highway) bridge over Cub Run. The bridge was built in 1954.

The planned improvements include:
- Replacing the concrete deck
- Installing steel beams
- Rebuilding the concrete pedestals
- Replacing the bridge bearings
- Repairing cracks

Route 29 averages 26,000 combined northbound and southbound vehicles a day at Cub Run.

Pursuant to the National Environmental Policy Act (NEPA) and 23 CFR 771, a NEPA document in the form of a Programmatic Categorical Exclusion (PCE) was prepared for this project under a Programmatic Agreement between VDOT and the Federal Highway Administration (FHWA), and is available on the project’s website. In compliance with the Section 106 provisions of the National Historic Preservation Act and its implementing regulations, 36 CFR 800, information concerning potential effects on properties listed in or eligible for listing in the National Register of Historic Places is included in the PCE. All additional environmental clearances and required permits will be obtained prior to commencement of rehabilitation work on Cub Run Bridge.

The construction work associated with this bridge rehabilitation will not require the displacement of any families, businesses or non-profit organizations.

As the project is further developed, additional right of way for utility relocation or construction may be required beyond the proposed limits shown.

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 Right of Way and Utilities brochure, “A Guide for Property Owners and Tenants.” Copies of this brochure are available on the VDOT website and from any VDOT Right of Way agent.

Please include “Route 29 Northbound over Cub Run Bridge Rehabilitation” in the subject line.

Project information shared here, including a summary of comments received during the comment period, will be available at a [www.virginiadot.org/projects](http://www.virginiadot.org/projects) and at VDOT’s Northern Virginia District Office.
All comments are subject to public disclosure.

Name (optional): ____________________________________________________________

Address (optional): _________________________________________________________

Email (optional): ____________________________________________________________

1. What are your major concerns that you would like to see incorporated into this project?

2. Please provide us with any additional information or suggestions that will assist VDOT in the completion of this project.

3. How did you hear about this meeting?
   _______Newspaper    _______Social Media    _______Website    _______Other ________________________________
Postal Service will not deliver without a stamp.

Virginia Department of Transportation
Northern Virginia District
Mr. Edwin Woo, P.E.
4975 Alliance Drive
Fairfax, VA 22030
ROUTE 29 NORTHBOUND SUPERSTRUCTURE BRIDGE REPLACEMENT OVER CUB RUN

Project Number:  0029-029-403      UPC:  112361

Public Information Meeting
November 7, 2019
Presentation Agenda

• Project Location and Overview
• Existing Bridge Conditions and Proposed Work
• Proposed Traffic Control
• Anticipated Project Schedule and Cost
• Questions and Answers
Project Location and Description

- Built in 1954
- 67.91 feet long with two equal simple spans
- Northbound bridge carries two lanes with no sidewalk
- Roadway classification: Urban Minor Arterial
- Posted Speed Limit: 50 mph
- Average Daily Traffic: 13,000 vehicles (2018)
Project Overview

- Replace superstructure with concrete deck and steel beams
- Rebuild concrete bearing pedestals
- Replace bridge bearings
- Repair concrete delamination and spalls
Condition Rating = Poor
Carries two northbound lanes with no sidewalk
Top of deck in fair condition with concrete patch repairs
Proposed work: Replace existing deck with lightweight concrete deck
Existing Conditions: Bridge Superstructure

- Condition Rating = Poor
- Spall on edge of beam
- Reinforcement exposed
- Spall on end of diaphragm at pier

➢ Proposed work: Replace concrete superstructure
Existing Conditions: Bridge Substructure

- Condition Rating = Poor
- Vertical cracks

- Loss of bearing
- Spall in bearing seat
- Delamination of concrete areas

➢ Proposed work: Replace bearings and rebuild pads, repair cracks
Proposed Northbound Bridge Elevation

ABUTMENT A (EAST)       PIER       ABUTMENT B (WEST)

DEVELOPED SECTION ALONG
Existing Northbound Bridge

- Remove and replace concrete deck
- Install steel beams
- Replace barriers
Proposed Traffic Control – Stage 1

- All work will be done within VDOT right of way
- Maintain two existing through lanes during construction with possible temporary nighttime lane closures
Proposed Traffic Control – Stage 2

- All work will be done within VDOT right of way
- Maintain two existing through lanes during construction with possible temporary nighttime lane closures
Proposed Traffic Control – Stage 3

- All work will be done within VDOT right of way
- Maintain two existing through lanes during construction with possible temporary nighttime lane closures
Proposed Northbound Bridge
### Anticipated Project Schedule

<table>
<thead>
<tr>
<th>Milestones</th>
<th>Dates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Public Information Meeting</td>
<td>Nov 7, 2019</td>
</tr>
<tr>
<td>Advertise for Construction</td>
<td>Spring 2020</td>
</tr>
<tr>
<td>Begin Construction</td>
<td>Summer 2020</td>
</tr>
<tr>
<td>Complete Construction</td>
<td>Summer 2021</td>
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### Anticipated Project Cost and Funding

<table>
<thead>
<tr>
<th>Phase</th>
<th>Cost</th>
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<tr>
<td>Preliminary Engineering</td>
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<tr>
<td>Construction</td>
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</tr>
<tr>
<td>Total</td>
<td>$3,230,000</td>
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</tbody>
</table>

Funding: State of Good Repair (pending)
Questions?

• Contact information:

  Project Manager: Edwin Woo, Structures & Bridge
  Address: 4975 Alliance Drive, Fairfax, VA 2203
  Email: edwin.woo@vdot.virginia.gov
  Phone: 703-259-2607

• Email comments to: meetingcomments@vdot.virginia.gov
  • Please include “Route 29 Northbound over Cub Run Bridge Rehabilitation” in subject line
  • Comment period ends: November 18, 2019

• Project information for this meeting is available:
  • Online: www.virginiadot.org/projects
  • In Person: VDOT’s Northern Virginia Office