Welcome to the Virginia Department of Transportation’s (VDOT) design public hearing on proposed improvements to Route 7 westbound over Sugarland Run. 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.

Project Overview

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

Project Length:
Fairfax County Parkway to Dranesville Road

Improvements:
Rehabilitate and widen the westbound Route 7 (Leesburg Pike) bridge over Sugarland Run

Get Involved

VDOT representatives will review and evaluate information received as a result of this meeting. Please fill out the comment sheet provided in this brochure if you have any comments or questions. 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 Nov. 2, 2018.

Mail comments to Mr. Shahrad Behboodi, P.E. at the address below or email meetingcomments@vdot.virginia.gov. Please include “Route 7 Westbound over Sugarland Run” in the subject line.

Project information shared at this meeting will be available online at www.virginiadot.org/projects and at VDOT’s Northern Virginia Office.

Contact Information

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TTY/TDD Dial 711

© 2018 Commonwealth of Virginia
This project will rehabilitate and widen the westbound Route 7 (Leesburg Pike) bridge over Sugarland Run in order to improve safety and extend the overall life of the bridge. The bridge was built in 1947.

The planned improvements include:

- A new, wider concrete bridge deck
- Widening and repairing the bridge pier and abutments
- Extending the acceleration lane from the Fairfax County Parkway on-ramp to Dranesville Road (Route 228) to improve operations
- Guardrail upgrades and new curb and gutter in the area of the bridge

Route 7 averages 59,000 vehicles a day in the project area, while Fairfax County Parkway averages 31,000 vehicles a day in the project area.

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.

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 and widen the westbound Route 7 (Leesburg Pike) bridge over Sugarland Run in order to improve safety and extend the overall life of the bridge. The bridge was built in 1947.

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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

______________________________________________________________

Please leave this comment sheet at the designated location, mail your comments (postmarked by Nov. 2, 2018) to the addressee on the reverse side, or email them to meetingcomments@vdot.virginia.gov. Please include "Route 7 Westbound over Sugarland Run" in the email subject line.
Postal Service will not deliver without a stamp.

Virginia Department of Transportation
Northern Virginia District
Mr. Shahrad Behboodi, P.E.
4975 Alliance Drive
Fairfax, VA 22030
ROUTE 7 WESTBOUND OVER SUGARLAND RUN BRIDGE REHABILITATION AND WIDENING
FAIRFAX COUNTY
PROJECT NO. 0007-029-113; UPC 104556

PUBLIC HEARING

www.virginiadot.org/projects

Shahrad Behboodi, PE – Project Manager, Structure & Bridge

Tuesday, 23rd October, 2018
PROJECT LOCATION
PROJECT OVERVIEW

- Extend merge lane to intersection
- Acquire utility easements to accommodate power line relocation
- Build new retaining wall from widened bridge to just east of Popeye’s parking lot
- Widen existing bridge, replace concrete deck & beams, repair pier and abutments
- Relocate power lines to south side of Eastbound Route 7
EXISTING BRIDGE DESCRIPTION

• Bridge length 82’ (two spans), Bridge width 60’-1”
• Roadway Classification: Urban Principal Arterial
• Posted Speed Limit 45 mph
• Average Daily Traffic = 38,000 vehicles (includes 620 trucks) on Westbound Route 7
Deterioration on underside of prestressed concrete beams
Spalling concrete and broken prestressing (steel reinforcement) strands
Condition Rating 4 of 9 (Poor, Structurally Deficient)

- Proposed work: Concrete deck and beams will be replaced with Prestressed Concrete Inverted Tee Beams (latest VDOT standard)
EXISTING CONDITION & PROPOSED WORK
BRIDGE DECK AND DRAINAGE

Drain pipes in sidewalk drain water from low point on bridge
Debris clogging drain pipes cause ponding water on roadway and deterioration and staining of bridge concrete

➢ Proposed work: Bridge will be raised to move drainage “low point” off bridge
Abutment and pier walls are in fair condition (Condition Rating 6 of 9) with minor spalls, cracks, delaminated concrete areas and graffiti.

- Proposed: Bridge abutments and pier will be repaired and receive waterproofing coating
EXISTING CONDITION & PROPOSED WORK UTILITIES

- Existing overhead power, telephone and fiber optic lines will be relocated to the south side of eastbound Route 7.
- Existing buried water, gas and sanitary sewer will be protected and maintained during construction.
PROPOSED SUPERSTRUCTURE REPLACEMENT

EXISTING BRIDGE

Maintain three existing WB Route 7 through lanes during Staged construction.

Demolish existing concrete deck and beams

Install new Prestressed Inverted Tee Beams and concrete deck

STAGE 1
PROPOSED SUPERSTRUCTURE REPLACEMENT

Install new Prestressed Inverted Tee Beams and concrete deck

Demolish existing concrete deck and beams

STAGE 2

PROPOSED BRIDGE
PROPOSED MAINTENANCE OF TRAFFIC

Stage 1
Traffic is shifted south towards the median while work is performed on the north side of the project area.

Stage 2
Traffic is shifted north onto widened bridge while work is performed on the south side of the project area.
ANTICIPATED SCHEDULE AND COST

Anticipated Schedule:

Construction

Begin Right of Way Acquisition: Summer 2019
Begin Utility Relocation: Winter 2019/20
Advertisement for Construction: December 2020
Begin Construction: 2021

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

Total Cost: $11.1 million  (PE, Utility and Construction)
  Preliminary Engineering . . . . . . . . . . . . $ 1.2 million
  ROW-Utility . . . . . . . . . . . . . . . . . . . $ 655,000
  Construction . . . . . . . . . . . . . . . . . . $ 9.2 million (SGR Funds)
THANK YOU

QUESTIONS & COMMENTS
Send comments via email or comment form until October 30th to:

Shahrad Behboodi, P.E.
NOVA District Project Manager
(703) 259–2304
shahrad.behboodi@vdot.virginia.gov