

Old Bridge Road & Minnieville Road Study Old Bridge Road & Gordon Boulevard (Route 123) Interchange Access Report

Public Information Meeting November 17, 2025

Agenda



- Introductions
- Opening Remarks
 - Supervisor Boddye
- Meeting Format
 - Comments pertaining to Intersections
 - Additional Q&A at boards after presentation
- Corridor Background
- Updates on Active Projects
- Old Bridge Rd and Minnieville Road Intersection Study
- Old Bridge Rd and Gordon Boulevard (Route 123) IAR
- Additional Q&A / Discussion at Boards with staff

Background



Old Bridge Corridor Study completed in 2018

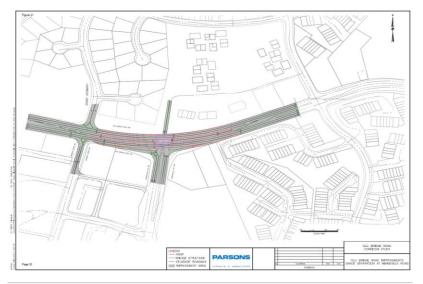
- Study goals were to develop safety and mobility improvements along the Old Bridge Corridor
- Review of all intersections to include Old Bridge/Minnieville Road and Old Bridge/Gordon Blvd
- Study led to additional studies and eventual funding of improvements at Old Bridge/Prince William Parkway and Old Bridge/Occoquan Road

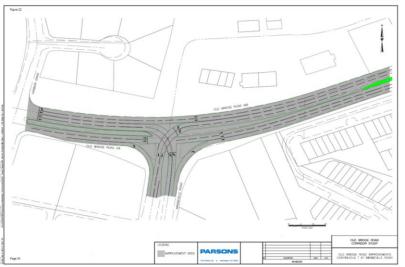


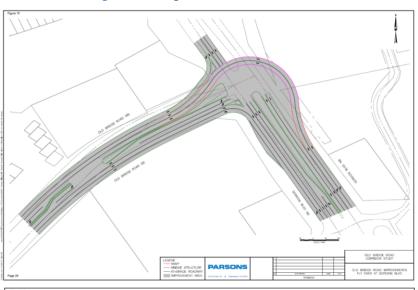
Background



High-Level Concepts from Old Bridge Corridor Study completed in 2018









Updates: Old Bridge Road-Occoquan Road Intersection



Purpose: Realign Old Bridge Road at Occoquan Road Intersection

Status:

- Design began June 2020
- Design ended Fall 2022
- Construction begins Fall 2025
- Construction ends Winter 2026/2027
- Current Appropriation: \$15,808,614
- Project Funding: Federal



Updates: Realignment of Prince William Parkway at Old Bridge



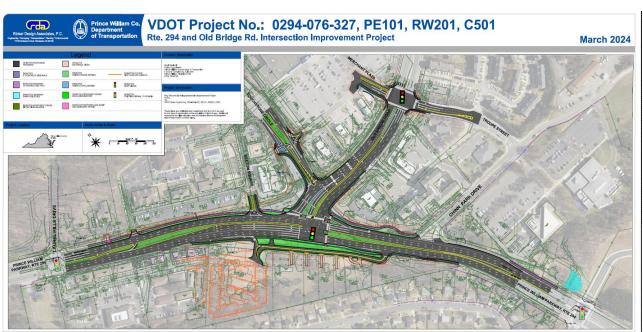
Purpose: Re-align Prince William Parkway into a continuous roadway

Updates:

Right-of-Way authorization received from VDOT.

Status:

- Design began May 2022
- Design ends May 2027
- Right-of-Way begins Spring 2025
- Right-of-Way ends -Winter 2026
- Construction begins -Spring 2027
- Construction end Fall 2028
- Current Appropriation: \$35, 487,806
- Project Funding: Federal



Old Bridge Road at Minnieville Road Intersection Study

Minnieville Road and Old Bridge Road



Study Purpose

- Identify the existing needs, develop alternative solutions, and identify a preferred alternative for potential future funding.
- Collection and review of existing conditions data
- Analysis of existing and future nobuild operations conditions
- Evaluation of multiple alternatives in a phased approach

Schedule

Completion of study in Spring 2026

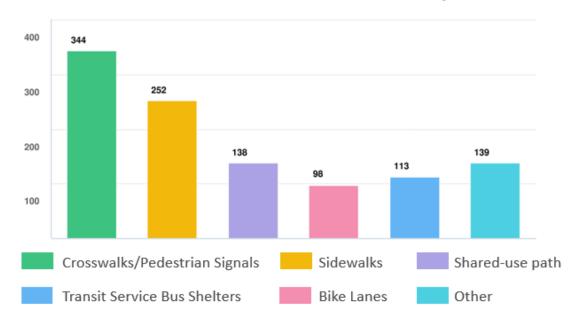


Public Engagement Survey



- Live from July 1st, 2025, to July 27th, 2025
- 607 survey participants
- 15 questions total
 - 9 related to transportation needs
 - 6 optional demographic questions
- Questions were related to experiences and preferences around the study intersection
- Preferred travel mode of respondents: Personal vehicles
 - Other modes make up <12%.

What multimodal facilities are needed at this study intersection?

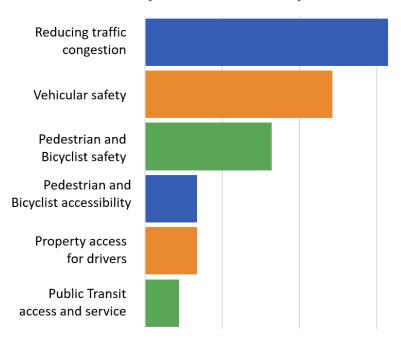


Crosswalks and Pedestrian signals most requested non-vehicular infrastructure

General Takeaways



Importance of Transportation Issues



Reducing traffic congestion identified as highest importance to public respondents

- Notable peak-period congestion and queuing
- Safety issues from crashes, merging conflicts, and visibility
- Gaps in pedestrian infrastructure and accessibility
- Public calls for better traffic flow and multimodal facilities
- Need for targeted safety and operational improvements

Comments?

Old Bridge Road at Gordon Boulevard (Route 123) Interchange Access Report (IAR)

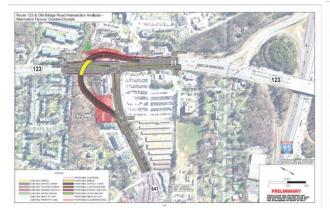
Old Bridge/Route 123 Intersection Improvements

Background:

- In 2022, VDOT conducted a STARS Study to evaluate operational and safety deficiencies at the Route 123 and Old Bridge Road intersection. The study developed four improvement concepts
- In 2023, Prince William County tasked RDA to:
 - Refine the flyover concepts;
 - Present refined flyover concepts to the public and received public input;
 - Weighed in on concepts developed by the Route 123 Coalition
- In Spring 2025, Prince William County tasked Kimley-Horn to develop an Interchange Access Report









The 2022 VDOT STARS Study evaluated four alternatives:

Top Left – Grade-Separated; Top Right – Elevated Lefts; Bottom Left – Outside-Outside

Flyover; and Bottom Right – Outside-Inside Flyover.

Old Bridge/Route 123 Intersection Improvements



Interchange Access Report

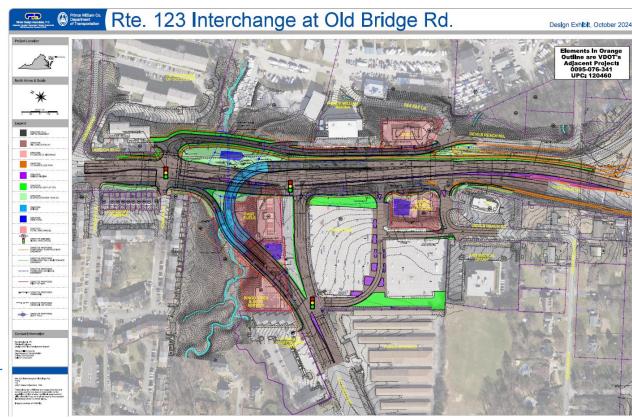
In Spring 2025, Prince William County tasked Kimley-Horn with developing an Interchange Access Report (IAR), as required by VDOT, to evaluate safety, operational, environmental, and cost factors associated with proposed interchange improvements.

The IAR Task Order includes:

- Traffic data collection and existing conditions analysis;
- No-Build forecasting and evaluation of future Build alternatives;
- Concept development in coordination with VDOT

The IAR will evaluate:

- Alternatives previously submitted for SmartScale federal funding
- Modified concepts from the VDOT STARS Study
- New design concepts developed through the IAR process



Refined Outside-Inside Alternative submitted for SmartScale funding in 2024

Old Bridge/Route 123 Intersection Improvements



Existing Conditions:

- Overcapacity along Route 123 that propagate queues onto the southbound I-95 off-ramp
- Eastbound Old Bridge Road queues due to impacts of over-capacity conditions along Route 123
- Lane configurations introducing unsafe movements

Goals:

- Improve the level of service at the Route 123 Old Bridge Road intersection through configuration modifications, including a potential grade-separated solution.
- Reduce unsafe weaving and turning movements along Route 123
- Provide improvements to bicycle/pedestrian facilities

Design Considerations:

- Operational and Safety improvements
- Right-of-Way
- Access Management
- Intersection Spacing
- VDOT Commuter Lot
- Environmental Impacts
- Maintenance of Traffic
- VDOT Geometric Standards
- Project Cost

Next Steps:

- Summer 2026 Complete IAR
- Fall 2026 Public Hearing
- 2027 to 2028 Full Design



Comments?

Thank You!



- Closing Remarks
- Project Contacts:
 - For questions related to the Old Bridge Rd at Minnieville Rd Study
 - Evandro Santos, Principal Planner, <u>ESantos@pwcgov.org</u>
 - For questions related to the Old Bridge Rd at Gordon Boulevard IAR
 - Rami Bazlamit, Principal Engineer, <u>rbazlamit@pwcgov.org</u>