Braddock Road Multimodal Improvements Project

RAVENSWORTH COMMUNITY

WEDNESDAY, FEBRUARY 22, 2023
7 P.M.

VDOT: Andrew Beacher, P.E.; W. Calvin Britt, P.E.
FCDOT: Tad Borkowski, P.E.
VDOT UPC 114627
Meeting Agenda

• Project Team
• Project Location
• Preferred Option Overview
• Community Comments
• Project Cost, Funding, and Schedule/Next Steps
• Q&A

More information available online at: virginiadot.org/BraddockMultimodal
Project Team

- Andrew Beacher, P.E.
  - VDOT, Preliminary Engineering Manager
- W. Calvin Britt, P.E.
  - VDOT, Project Manager
- Tad Borkowski, P.E.
  - FCDOT, Senior Transportation Planner
- Michael Hooshangi, P.E.
  - Consultant Project Manager
- Suresh Karre, P.E., PTOE
  - Consultant Lead Traffic Engineer
VDOT Project Location

Improvement Corridor, Phase 1
Improvement Corridor, Phase 2
Extended Study Area
Critical Intersections
Preferred Option - Overview

2 lane ramp, signalized

New signal for vehicles accessing left turn lane to Ravensworth Road

Raised median-separated turn lane to remove weaving from I-495 northbound off ramp

Dual left turn lanes to Ravensworth Road
Preferred Option - Overview

- Bike Lanes on both sides of Ravensworth
- 2 receiving lanes
- New westbound right turn lane
- Crosswalks on all approaches

- Improved overall intersection safety with protected left turn phase
- Improved intersection traffic operations and pedestrian circulation
- Improved multimodal connectivity with the continuation of Shared-Use Path from Braddock Road to Ravensworth Baptist Church
- Reduced cut-through traffic along neighborhood streets (such as Kenwood Drive and Philip Road)
Preferred Option - Overview

- Addition of left turn lane to Heritage Drive
- Reconstructed driveway connections along Ravensworth Road
- Curb and Gutter on both sides of Ravensworth Road
- Upgraded sidewalk to be ADA-compliant on west side of Ravensworth Road
Preferred Option – Ravensworth Road Typical Section

DEPARTING INTERSECTION OF BRADDOCK ROAD

RAVENSWORTH BAPTIST CHURCH

Prop. R/W

R/W

VARIES 10' 10' 10' 11' 11' 11' 11' 4' 4'

SHARED USE PATH CURB & GUTTER, GRASS BUFFER BIKE LANE RIGHT TURN LANE LEFT/THRU LANE TRAVEL LANE TRAVEL LANE BIKE LANE CURB & GUTTER, GRASS BUFFER VARIES
Preferred Option – Ravensworth Road Typical Section
Preferred Option – Ravensworth Road Typical Section
## Ravensworth Community Comments Received

<table>
<thead>
<tr>
<th>Comment Theme</th>
<th>Project Approach</th>
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| Difficulty turning from driveways                 | While 2nd NB lane will make it a wider crossing at the same time  
  (i) left turn lane at Heritage Drive will provide area for left turn vehicles: reduce potential backups along NB  
  (ii) dual left turn lanes from Braddock Road will eliminate the permissive phasing: increase the potential number of gaps  
  (iii) dual left turn lanes can clear more vehicles through the intersection in the same amount of time compared to single left turn lane: increase the potential number of gaps |
| Property Impacts                                  | Proposed widening is anticipated to be within VDOT right-of-way. Temporary construction easements may be necessary. Grading is being fine tuned to minimize tree impacts |
| Increase in traffic/cut-through                   | Improved intersection operations: less potential for cut-through traffic along neighborhood streets such as Kenwood Dr & Philip Rd |
| Access from I-495 to Ravensworth Road             | Additional signalized ramp to improve safety for vehicles going from I-495 to Ravensworth Road. EB left turn lanes median-separated to eliminate weaving |
The project is funded from Guinea Road to Ravensworth Road through Design Approval, approx. 40% design.

- Phase 1 (from Ravensworth Road to Southampton Drive) is fully funded through Construction (~$74M approved in SmartScale)
- Phase 2 (from Southampton Drive to Humphries Drive) is not funded beyond Design Approval

<table>
<thead>
<tr>
<th>Milestones</th>
<th>Phase 1</th>
<th>Phase 2</th>
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<tbody>
<tr>
<td>Ravensworth Community Meeting</td>
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<td>Today</td>
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<tr>
<td>PIM #3</td>
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<td>TBD (Spring 2023)</td>
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<td>Design Public Hearing</td>
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<td>Summer 2023</td>
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<td>Design Approval</td>
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<td>Fall 2023</td>
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<tr>
<td>Right Of Way Acquisition/Utility Relocation</td>
<td>Spring 2025 – Fall 2026</td>
<td>TBD</td>
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<tr>
<td>Construction</td>
<td>Fall 2028 (~3 years)</td>
<td>TBD</td>
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Virginia Department of Transportation
Questions?

More information available online at:
virginiadot.org/BraddockMultimodal
THANK YOU!

To receive updates on future meetings, email MeetingComments@vdot.virginia.gov

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