FOX MILL ROAD AND PINECREST ROAD INTERSECTION IMPROVEMENTS

Hunter Mill District, Fairfax County

Project Development Status
Agenda

• Existing Conditions
• Community Concerns
• Actions to Date
• Interim Improvements
• Proposed Improvements
• Current Status and Next Steps

Looking Northeast on Pinecrest Road
Existing Conditions

- The intersection is two-way stop-controlled on Pinecrest Rd approaches
- Fox Mill Rd is posted at 35 mph and has an ADT of 13,000
- Pinecrest Rd is posted at 25 mph and has an ADT of 2500 (west) & 2400 (east)
- Summary of accidents (2013-2019)

<table>
<thead>
<tr>
<th>Accident Type</th>
<th>Injury Severity</th>
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<tbody>
<tr>
<td>Rear End</td>
<td>11</td>
</tr>
<tr>
<td>Angle</td>
<td>26</td>
</tr>
<tr>
<td>Sideswipe</td>
<td>3</td>
</tr>
<tr>
<td>Other</td>
<td>4</td>
</tr>
<tr>
<td></td>
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</tr>
<tr>
<td>Severe:</td>
<td>2</td>
</tr>
<tr>
<td>Visible:</td>
<td>6</td>
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<tr>
<td>Non-visible:</td>
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<tr>
<td>Prop Damage:</td>
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Overhead View of Fox Mill Rd/ Pinecrest Rd Intersection
Community Concerns

- Significant back-ups occur along Fox Mill Road during peak periods due to left-turning vehicles stopped in the through lane waiting for a break in traffic.

- During peak periods, it is difficult for drivers to turn from Pinecrest Road onto Fox Mill Road.
Actions to Date/Pending Actions

• 2013: Completed signal warrant study
• 2015: Installed interim intersection improvements
• 2018: Multi-way stop evaluated and determined to be infeasible due to extensive queuing
• 2019: Initiated preliminary signal design concepts
• 2020: Complete preliminary signal design
  Develop schedule and cost estimate
  Determine funding source (Fairfax County)
Interim Intersection Improvements: Pinecrest Road

- Restriped approach to provide a left turn lane and a combination through/right lane

- Installed concrete island with stop sign and created yield condition for right turn movement

Both Approaches: Shifted through traffic to share right-most lanes
Interim Intersection Improvements: Fox Mill Road

• Installed painted island for southbound Fox Mill Road approach to separate right turns

• Removed foliage along right shoulder on southbound Fox Mill Road approach

Southbound Approach on Fox Mill Road
Proposed Intersection Improvements: Overview

- **Proposed Improvements**
  - Install traffic signal at intersection of Fox Mill Road and Pinecrest Road
  - Construct northbound and southbound left turn lanes on Fox Mill Road

*Note: The Fairfax County Comprehensive/Transportation Plan ultimately calls for:
  - Widening Fox Mill Road to a four lane roadway from Reston Parkway to Monroe Street
  - Constructing a future sidewalk adjacent to northbound Fox Mill Road
  - Construct a future bike lane on Fox Mill Road
Proposed Intersection Improvements: Project Sketch & Analysis Results

- Delay at the intersection is reduced by 15% in the morning and 40% in the afternoon
- Level of Service on Pinecrest Road improves from F to D

Construct left turn lanes

Install traffic signal
Current Status and Next Steps

- Fairfax County has identified funding to complete the design and move the project forward towards full implementation.

- VDOT would like feedback from residents. Please email comments to:
  - meetingcomments@vdot.virginia.gov
  - Include “Fox Mill Rd/Pinecrest Rd Intersection Improvements” in the subject line
  - Deadline June 12, 2020

- VDOT will provide additional updates to the public as the design phase progresses.
Thank You!