



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)

Accident Type		Injury Severity	
Rear End:	11	Severe:	2
Angle:	26	Visible:	6
Sideswipe:	3	Non-visible:	6
Other:	4	Prop Damage:	30



*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



Eastbound Pinecrest Road Approach

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



Westbound Pinecrest Road Approach

- 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

Construct left turn lanes

Install traffic signal

- 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

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!