

# Evergreen Mills Road and Watson Road: Corridor Road Safety Audits

Status Briefing

April 10, 2018



## Agenda



1  
Improvements  
implemented  
by VDOT

2  
Study activities  
completed and  
underway

3  
Community  
outreach

4  
Near-term  
next steps

**Path to study  
completion**

## 1. Improvements Implemented by since Fall 2017

### Evergreen Mills Road & Watson Road Intersection:

- New warning signs and battery operated flashing beacons
- High-friction surface treatment
- Relocated stop bar on Watson Rd
- Tree trimming for improved sight lines
- Longitudinal rumble strips on Evergreen Mills Rd

### Upcoming:

- Watson Road paving
- Intersection Collision Warning System (pending funding)
- Adjusting three passing zones on Evergreen Mills Road



## 2. Study Activities Completed & Underway

### Pole-Mounted Speed Display (PMSD) signs

- Reviewed data to identify locations
- Coordinated with VDOT for locations
- Conduit in foundations to accommodate future improvements
- Prepared Request for Quote



Examples per VDOT Policy

## 2. Study Activities Completed

### Data Collection



Traffic counts



Travel speeds



Ongoing & upcoming projects & developments



Crashes



Geolocated video



100% complete



## 2. Study Activities Underway

### Analysis

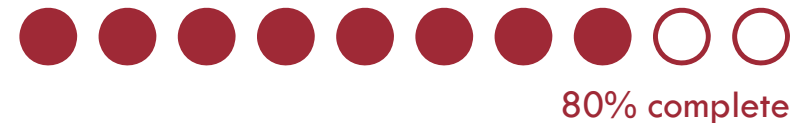
- Corridor crash trends
- Hot spot identification
- Systemic safety analysis
- Preparing for field Road Safety Audit (RSA)

#### Crash Severity

- Fatal Injury
- Ambulatory Injury
- Visible Injury
- Non-Visible Injury
- Property Damage Only

#### Types of Collision

- Angle
- Head On
- Rear-End
- Sideswipe
- Fixed Object
- Animal
- Pedestrian
- Non-Collision
- Other





## 2. Study Activities Underway

### Engineering Assessments



Signal Control



Turn Lanes



Sight Distance



Guardrail



75% complete



### 3. Community Outreach

- Monthly project updates on website  
<https://www.loudoun.gov/route621>
- Responding to citizen inquiries through project email address  
[EMR@loudoun.gov](mailto:EMR@loudoun.gov)



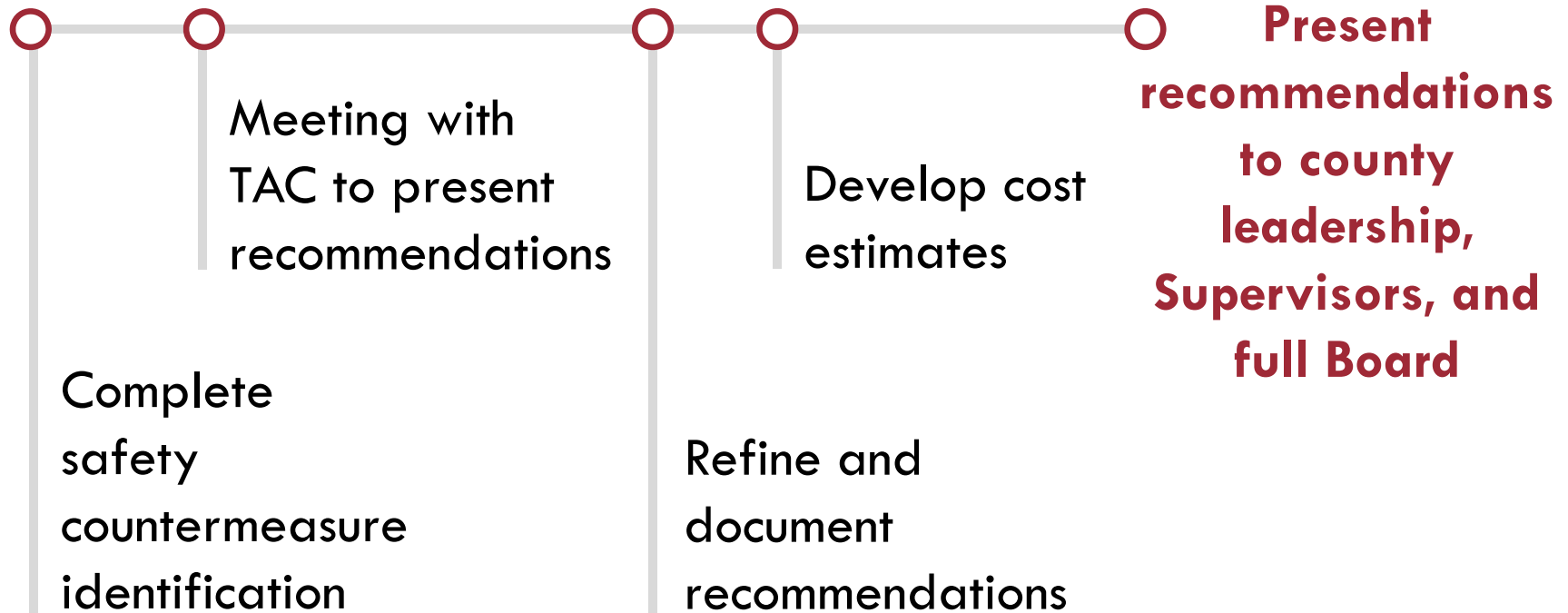


## 4. Near-Term Next Steps

- April 17 ○ Present Safety-Related Findings to Technical Advisory Committee
- May 2-3 ○ Field Road Safety Audit
- June 30 ○ Complete Engineering Assessments
- July 19 ○ Board of Supervisors Informational Presentation



## Study Completion



*Loudoun County* VIRGINIA  
WHERE TRADITION MEETS INNOVATION

**Open Discussion & Questions**

