



VISION ZERO

NO TRAFFIC DEATHS BY 2030

Montgomery Planning

Montgomery County Civic Federation

February 11, 2019



Overview

- What is Vision Zero?
- Planning Department Role
- Current Plans and Studies
- Future Planning Efforts

Pedestrian dies after being struck last week in Rockville

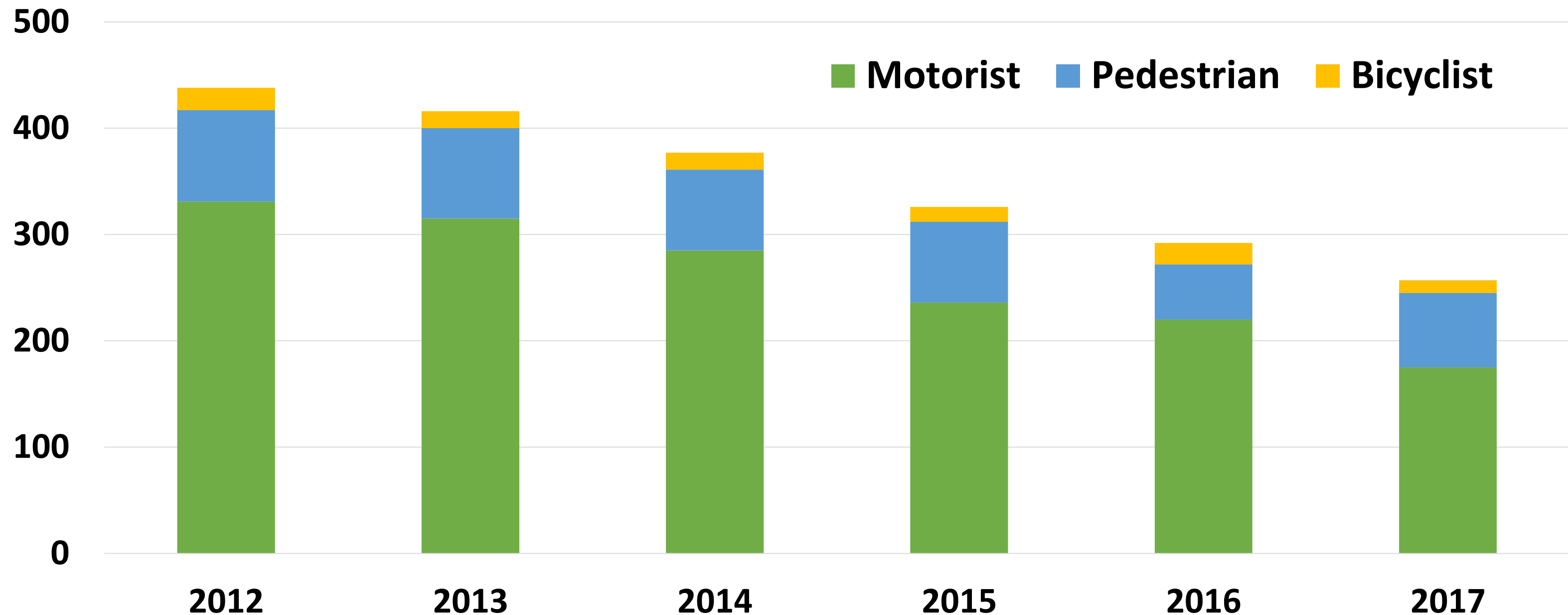
STUDENT SUFFERING FROM LIFE-THREATENING INJURIES FROM CRASH

Update, 3:45 p.m.: A 15-year-old boy, hit while waiting for a school bus Tuesday morning, faced life-threatening injuries, Montgomery County police said in a statement. The others injured were a 15-year-old girl and two 14-year-old girls, police said.

Two killed, five seriously injured in Potomac, Md., collision

Crash at risky Md. crosswalk kills teen on bike he received for Christmas

Severe Injuries and Fatalities (2012-2017)



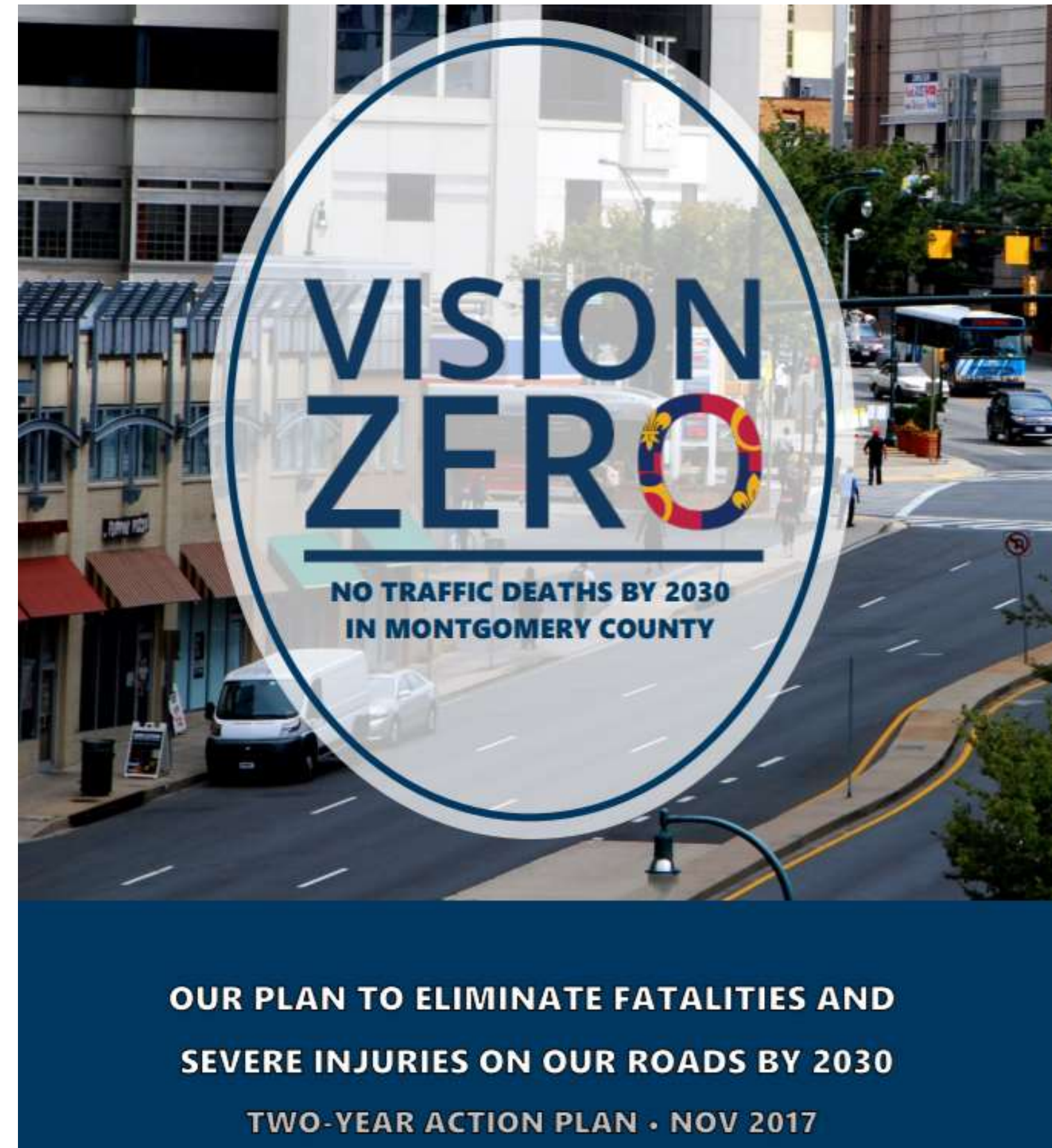
African Americans and Hispanics are 33% more likely to be killed while traveling.

High Crash Rate Areas

- ↑ Higher poverty
- ↑ Hispanic or Latino
- ↑ Younger residents

What is Vision Zero?

- Traffic deaths are preventable
- Human error is inevitable
- Focus on fatal and severe crashes
- Human life prioritized over mobility



Vision Zero Principles

- We cannot perfect human behavior and mistakes should not result in loss of life.
- People are vulnerable.
- Design and construct roads to be forgiving:
 - Plan and design for inevitable mistakes.
 - Proactive and reactive measures are critical for safety.

How is Safety Created?

- Decrease the frequency of crashes
- Decrease the severity of crashes

Decreasing Crash Frequency

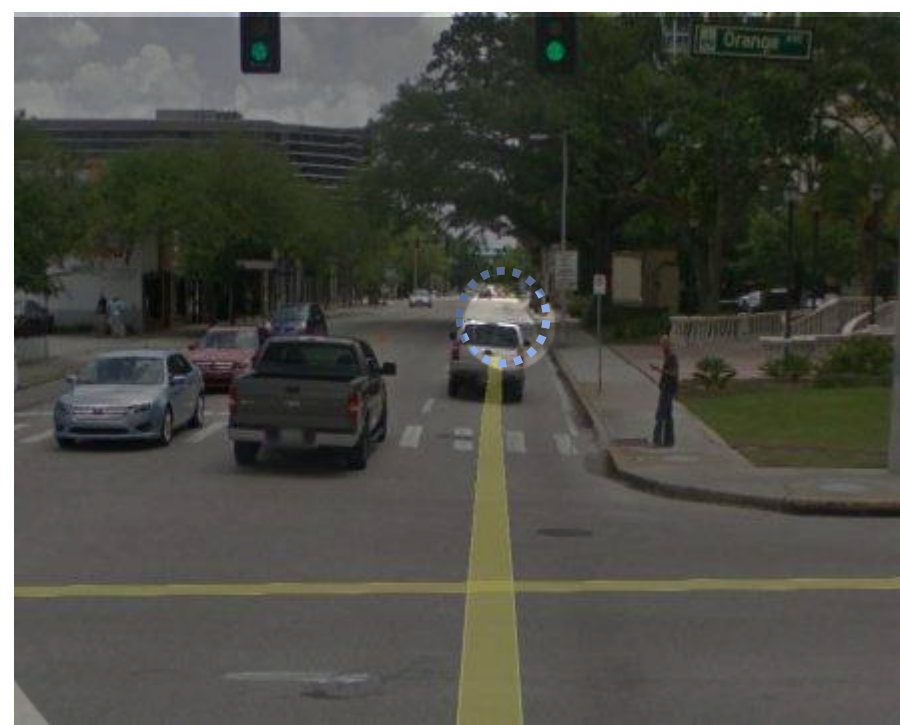
- Decrease the number of conflicts
 - Designate space for different users
 - Provide predictability where users interact



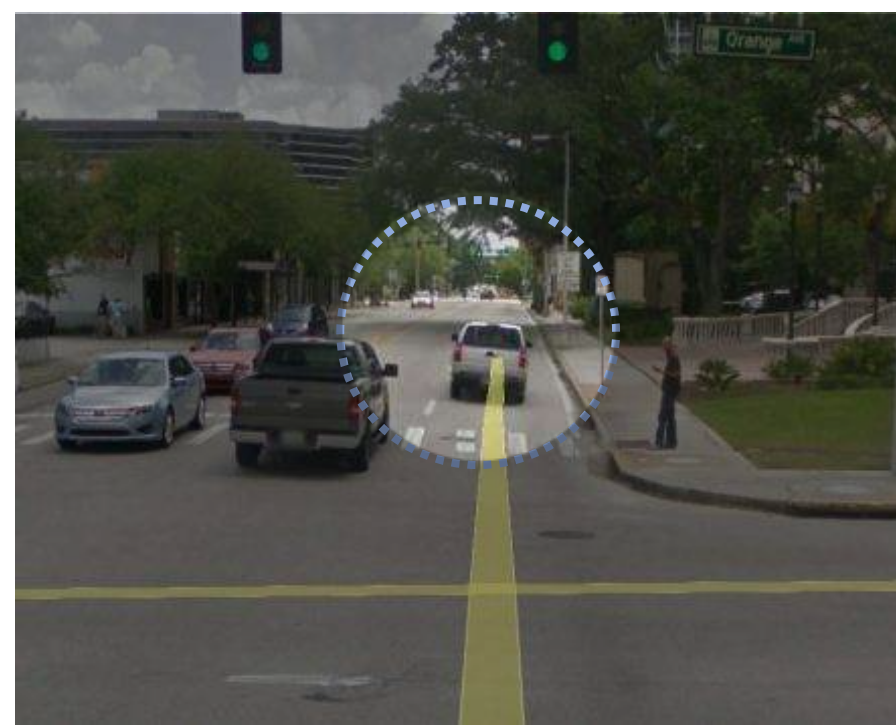
Decreasing Crash Frequency

- Increase the ability to yield

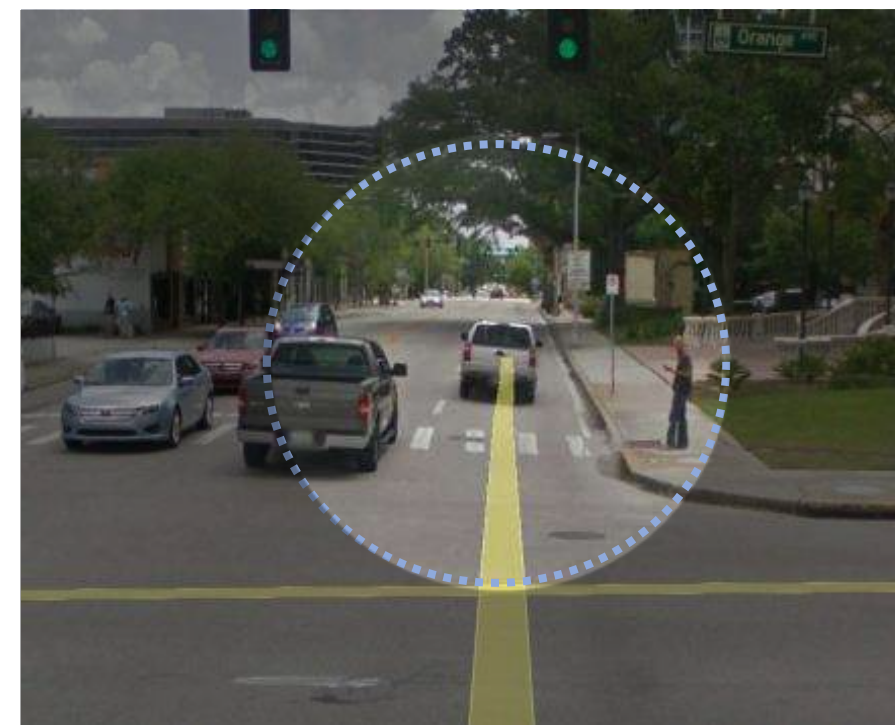
Driver Field of Vision at Various Speeds



40 MPH



30 MPH



20 MPH



15 MPH

Image Credit: Kittelson & Associates, Inc.

Decreasing Crash Frequency

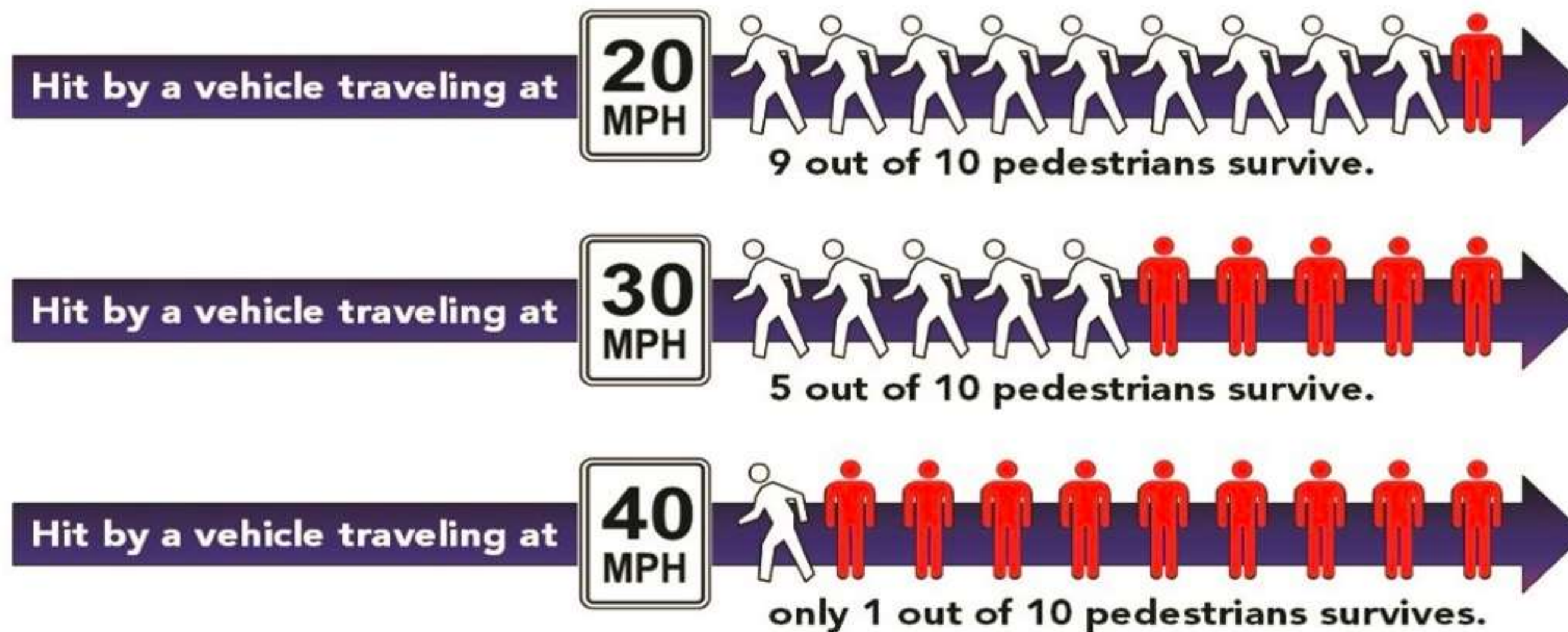


Image Credit: World Resources Institute

Roads that Encourage Speeding



Infrequent Safe Crossings



Role of the Planning Department

- What We Do:
 - Master Planning
 - Regulatory Review
 - Capital Improvement Plan Review
 - Advocate for Change
 - Collaborate with Agency Partners
- **What We Don't Do:**
 - Construct Roads, Sidewalks or Bikeways
 - Install Traffic Signals or Crosswalks
 - Enforce Traffic Laws

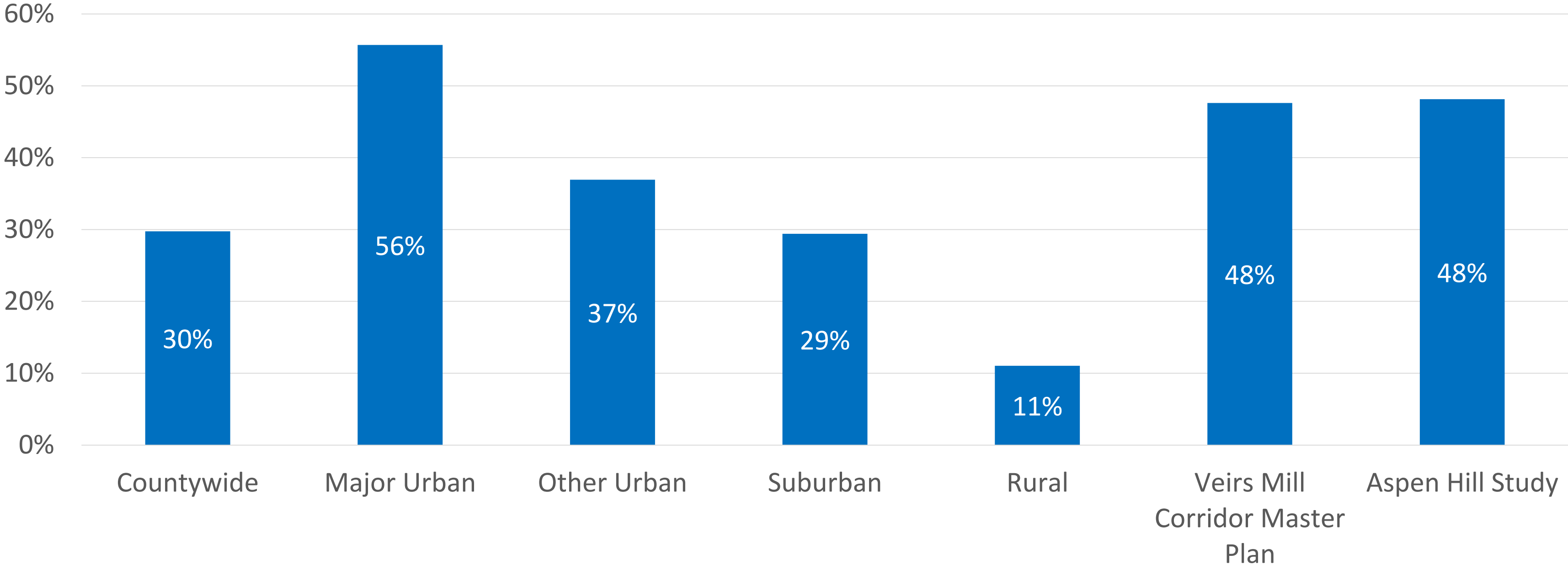


Advancing Vision Zero through Plans and Studies

Current Plans and Studies

- Veirs Mill Corridor Master Plan
- Forest Glen / Montgomery Hills Sector Plan
- Bicycle Master Plan
- Aspen Hill Vision Zero Study
- MARC Rail Communities Master Plan
- Pedestrian Connectivity Analysis

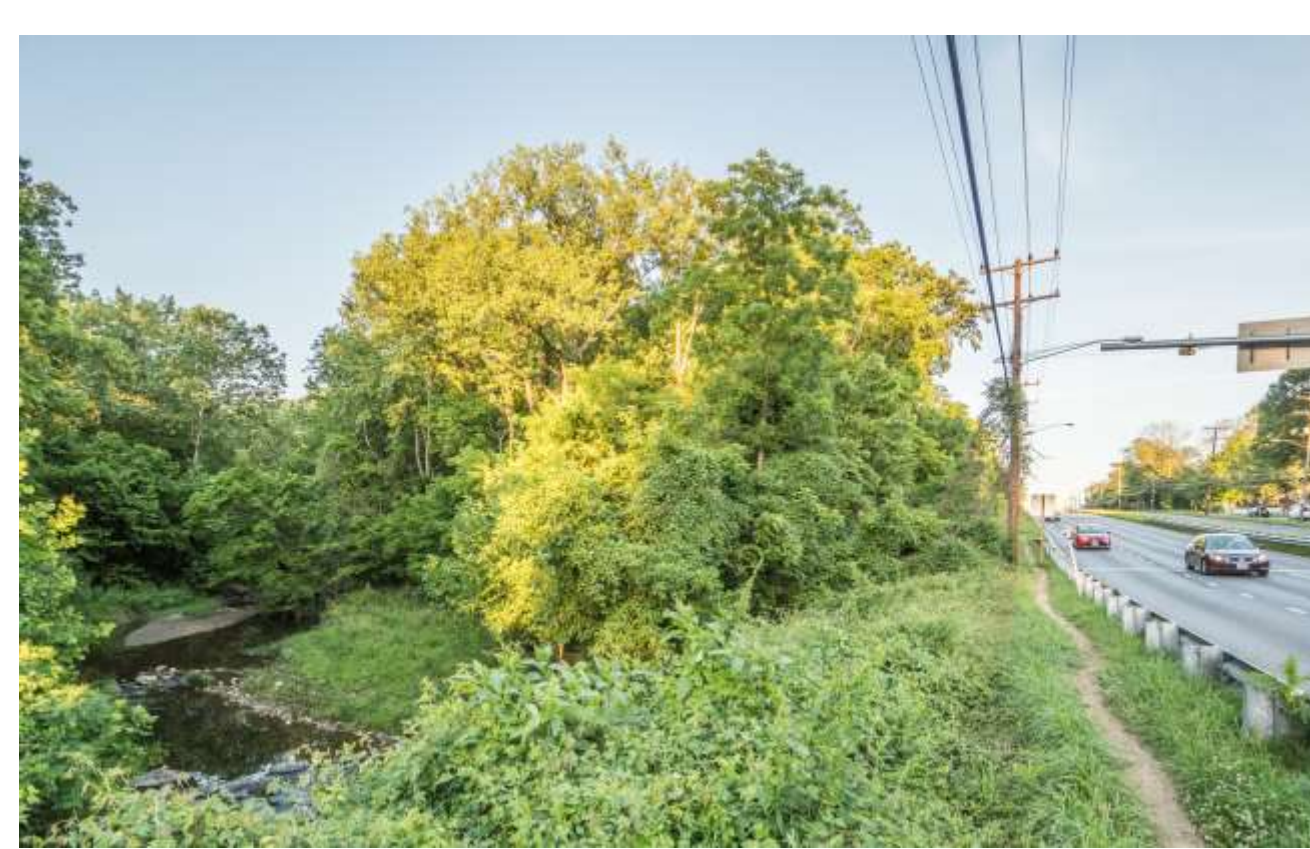
Pedestrians/Bicyclists as a Percent of Severe Injuries/Fatalities

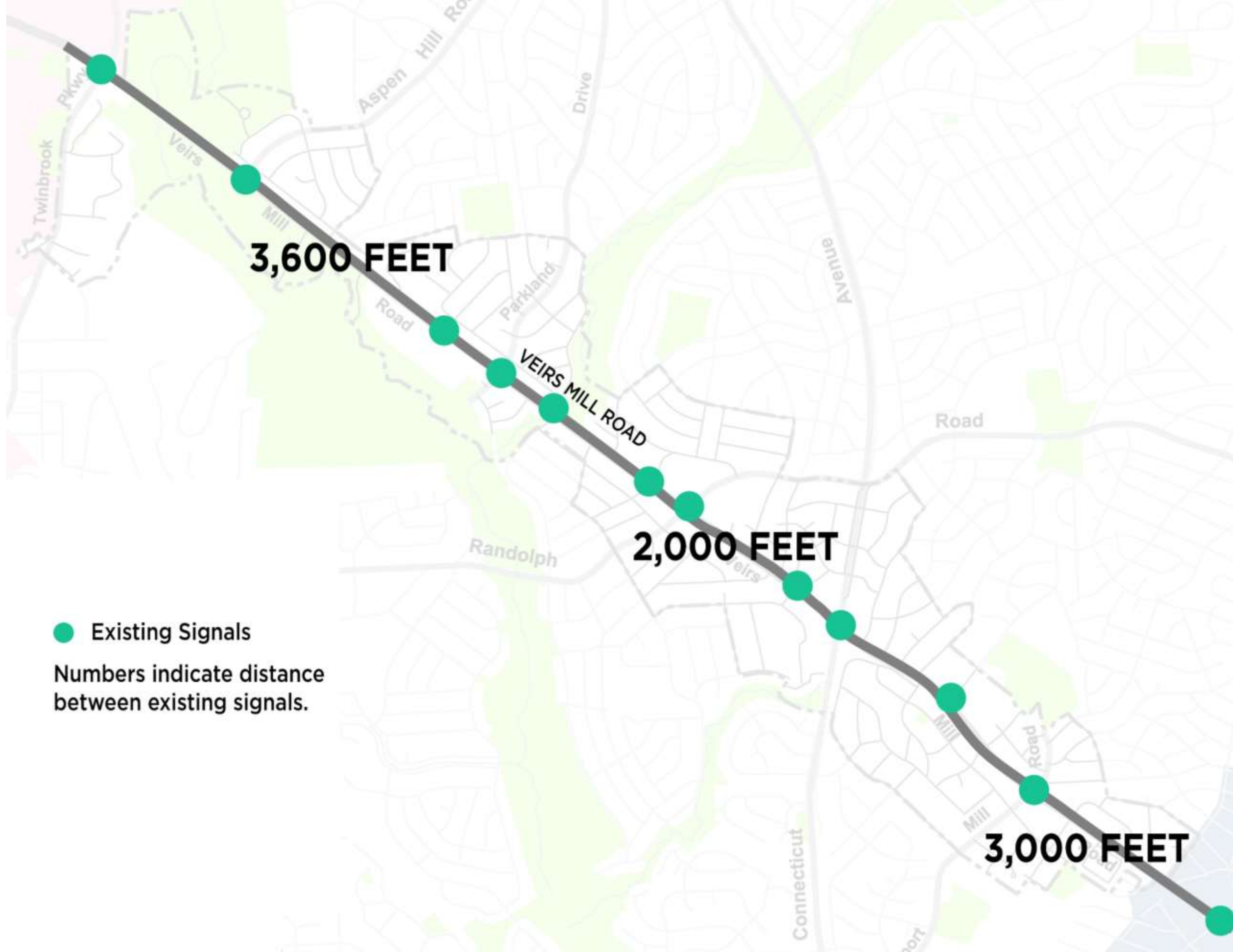


Source: County Stat, Montgomery County Planning

Veirs Mill Corridor Master Plan





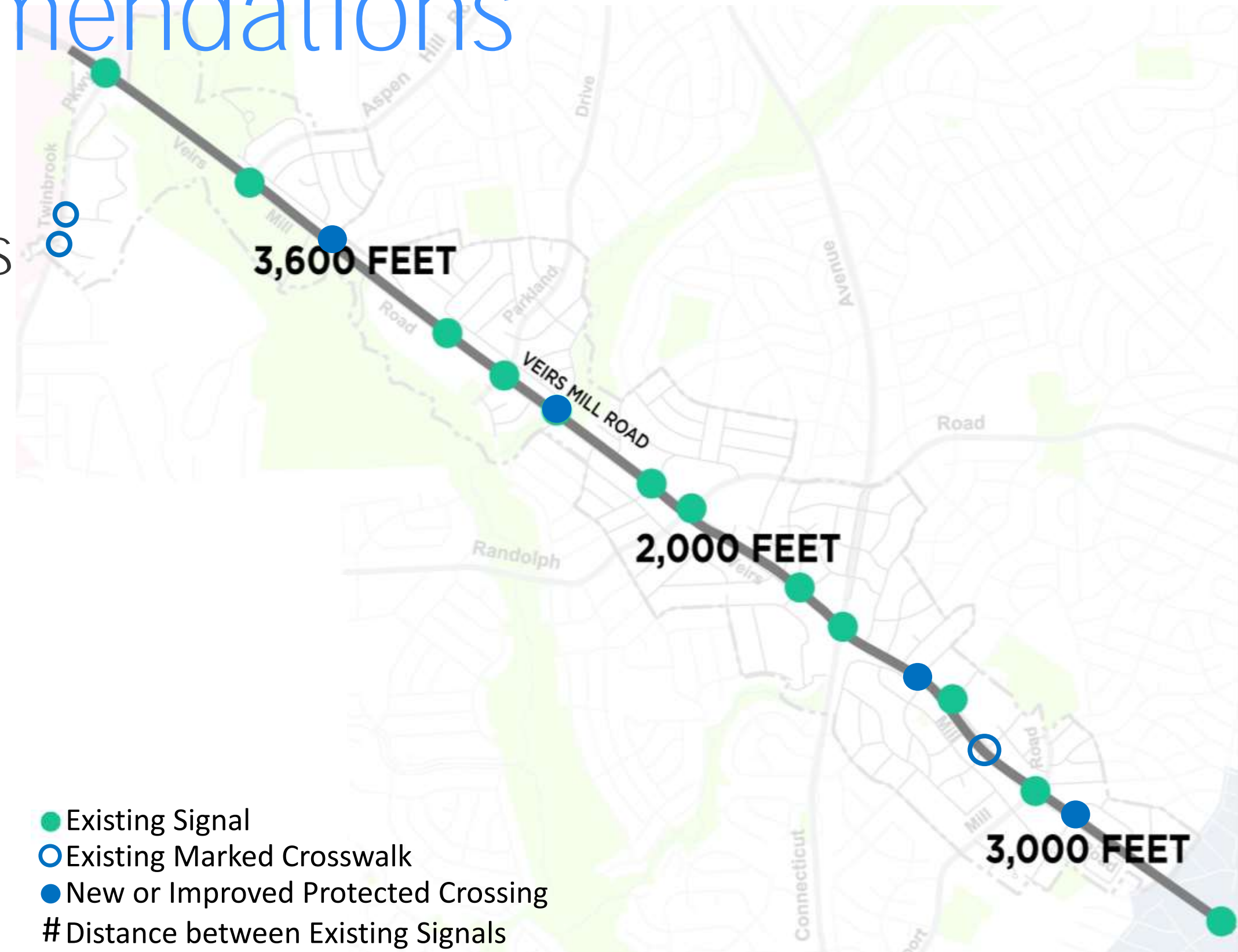


USE
LANE

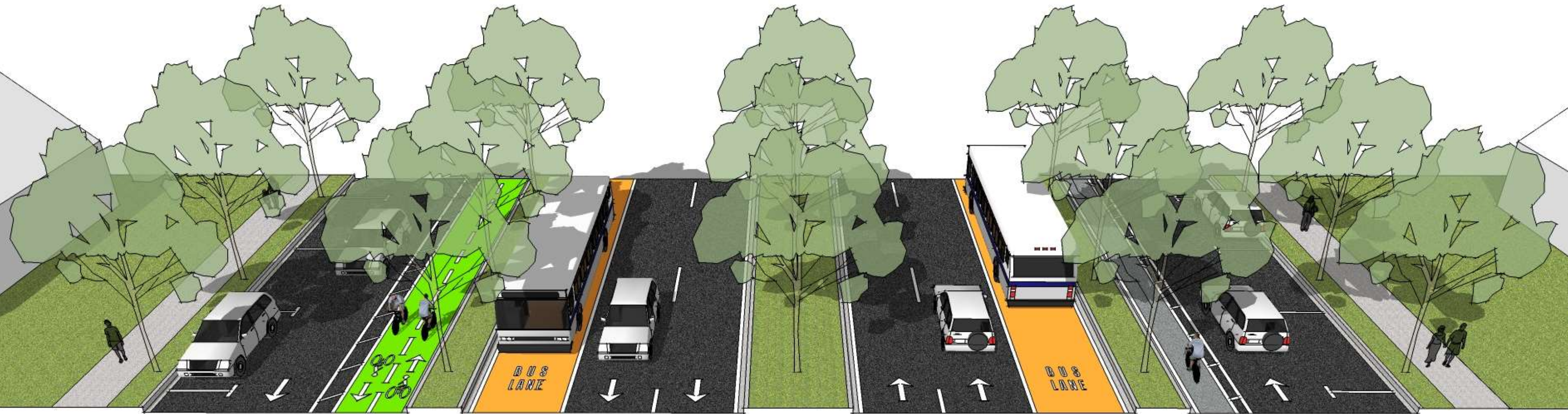


Short-Term Recommendations

- Continuous Sidewalks
- New Protected Crossings
- School Speed Zone
- Interim Bikeways
- Curb Lane Compliance

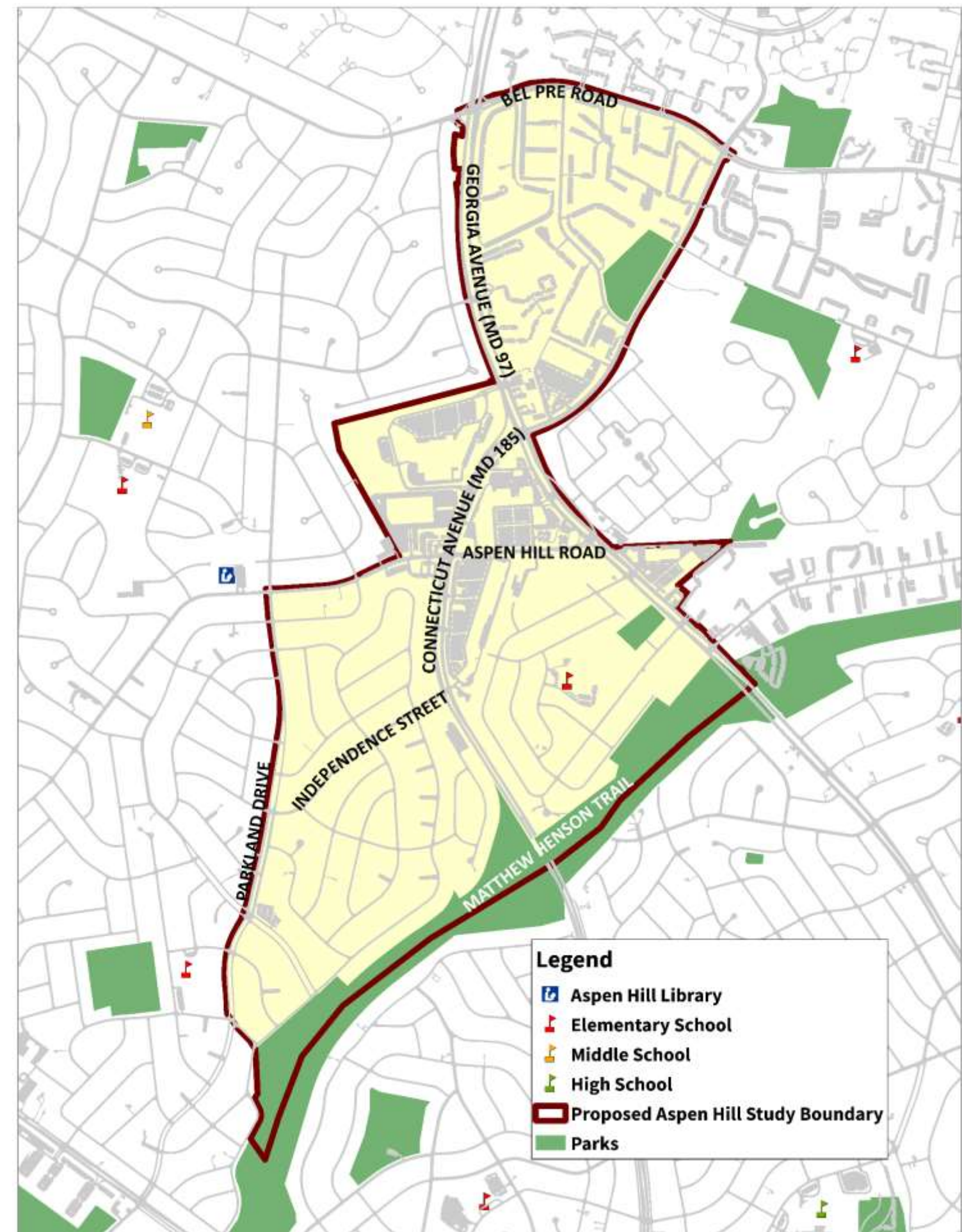


Long-Term Vision



Transform Veirs Mill Road to a Complete Street

Aspen Hill Vision Zero Study





Study Focus

- Access and connectivity
- Designing for people who walk and bike
- Healthy and sustainable communities
- Equity
- Land Use

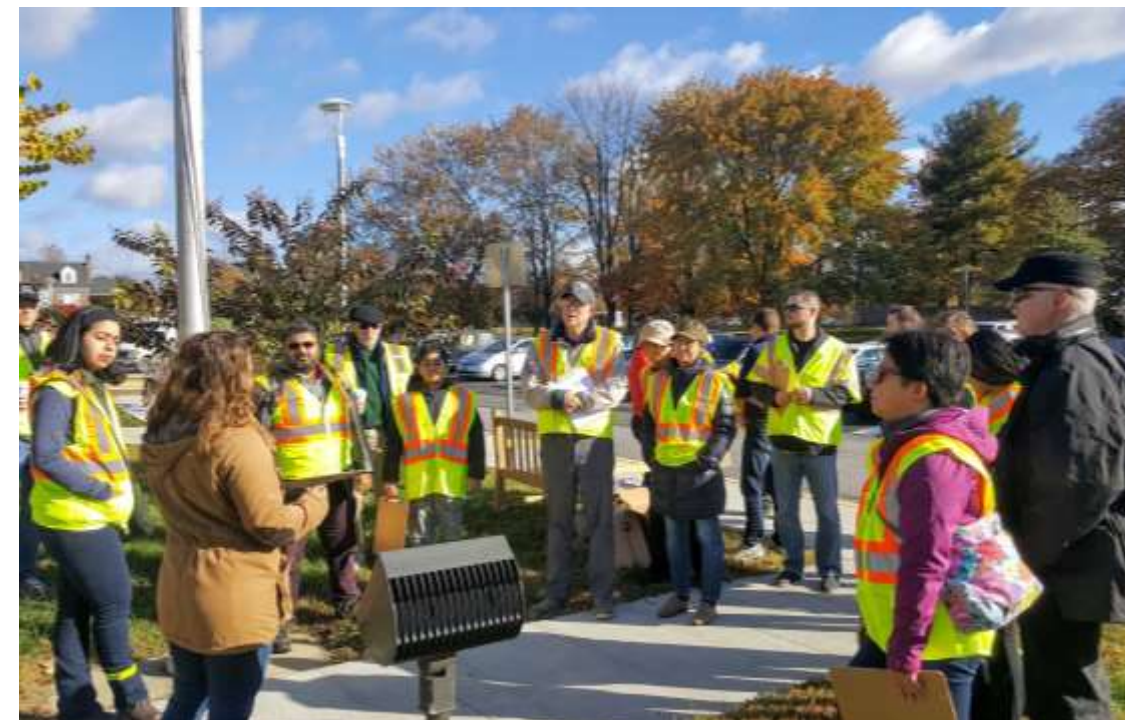
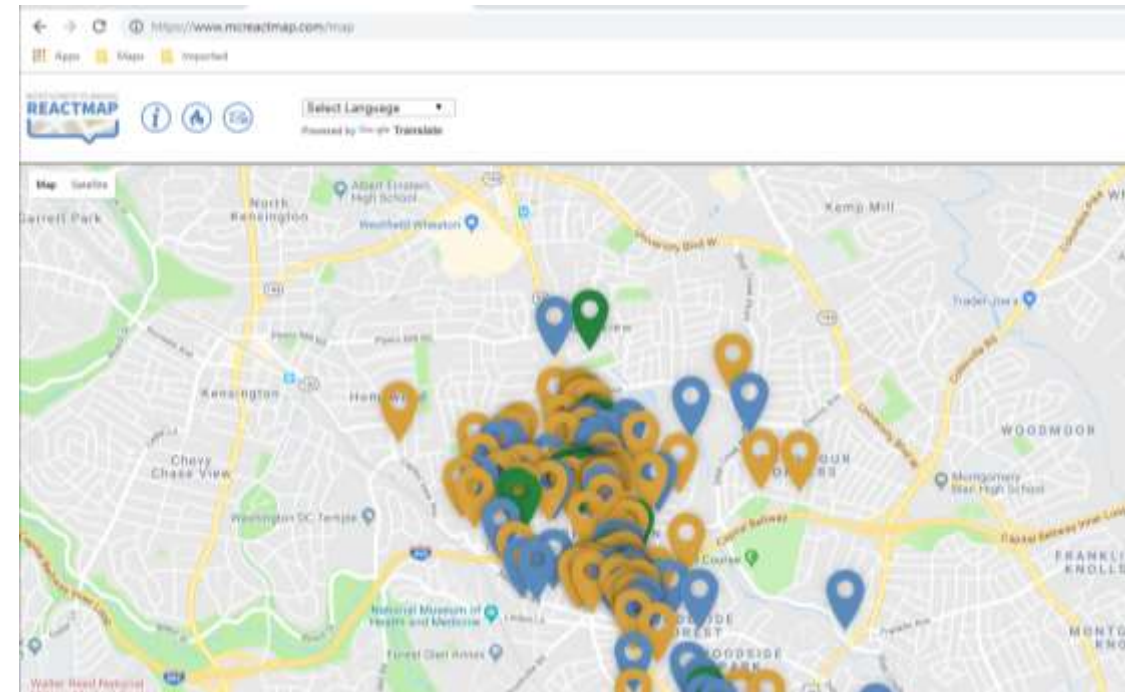
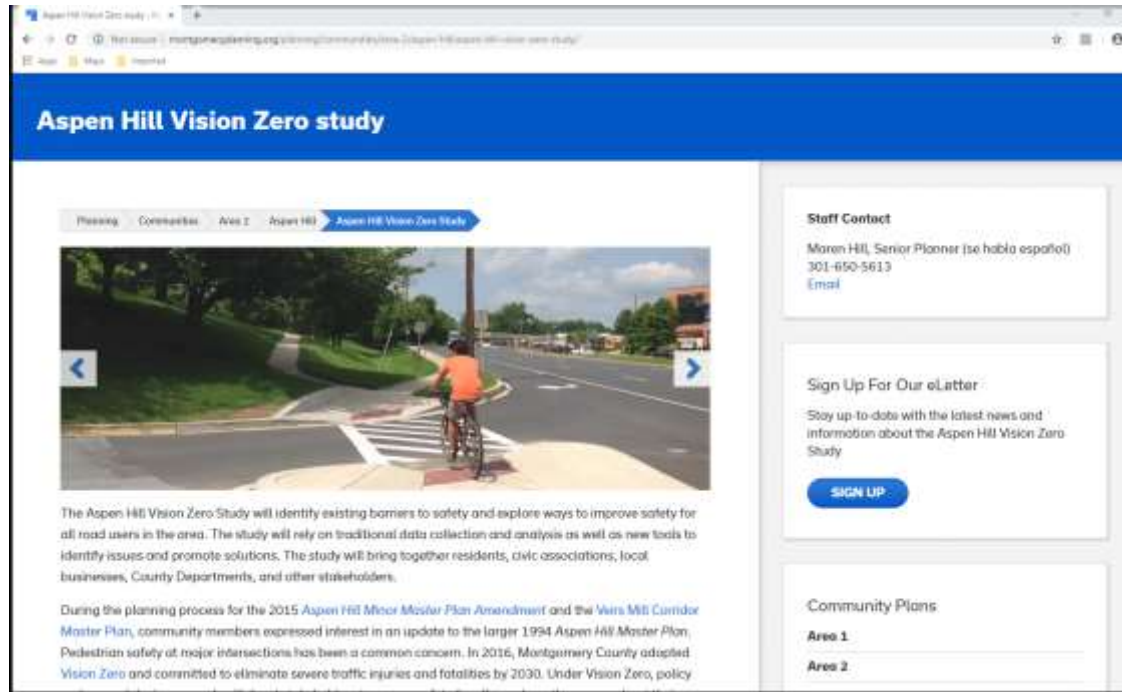


What will we do through the study process?

- Meet with Community
- Gather Ideas and Input
- Collect and Analyze Data
- Work with Agency Partners
- Provide Tools for Advocacy
- Develop Recommendations



Engagement



Future Planning Efforts

- Complete Street Design Guide
- Pedestrian Master Plan
- General Plan Update
- Subdivision Staging Policy

How Can You Get Involved?

Get Involved

- Educate your community
- Engage with public agencies and appointed and elected officials to identify Vision Zero as a priority
- Identify Vision Zero Liaison from your community organization
- Sign-Up for our E-letter
- Attend February 26 Aspen Hill Community Meeting

Questions | Comments | Connect

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