

VISION ZERO



NO TRAFFIC DEATHS BY 2030

**OUR PLAN TO ELIMINATE FATALITIES AND
SERIOUS INJURIES ON OUR ROADS**

UPDATE TO COUNTY COUNCIL • 01/28/2020

A COMPREHENSIVE EFFORT



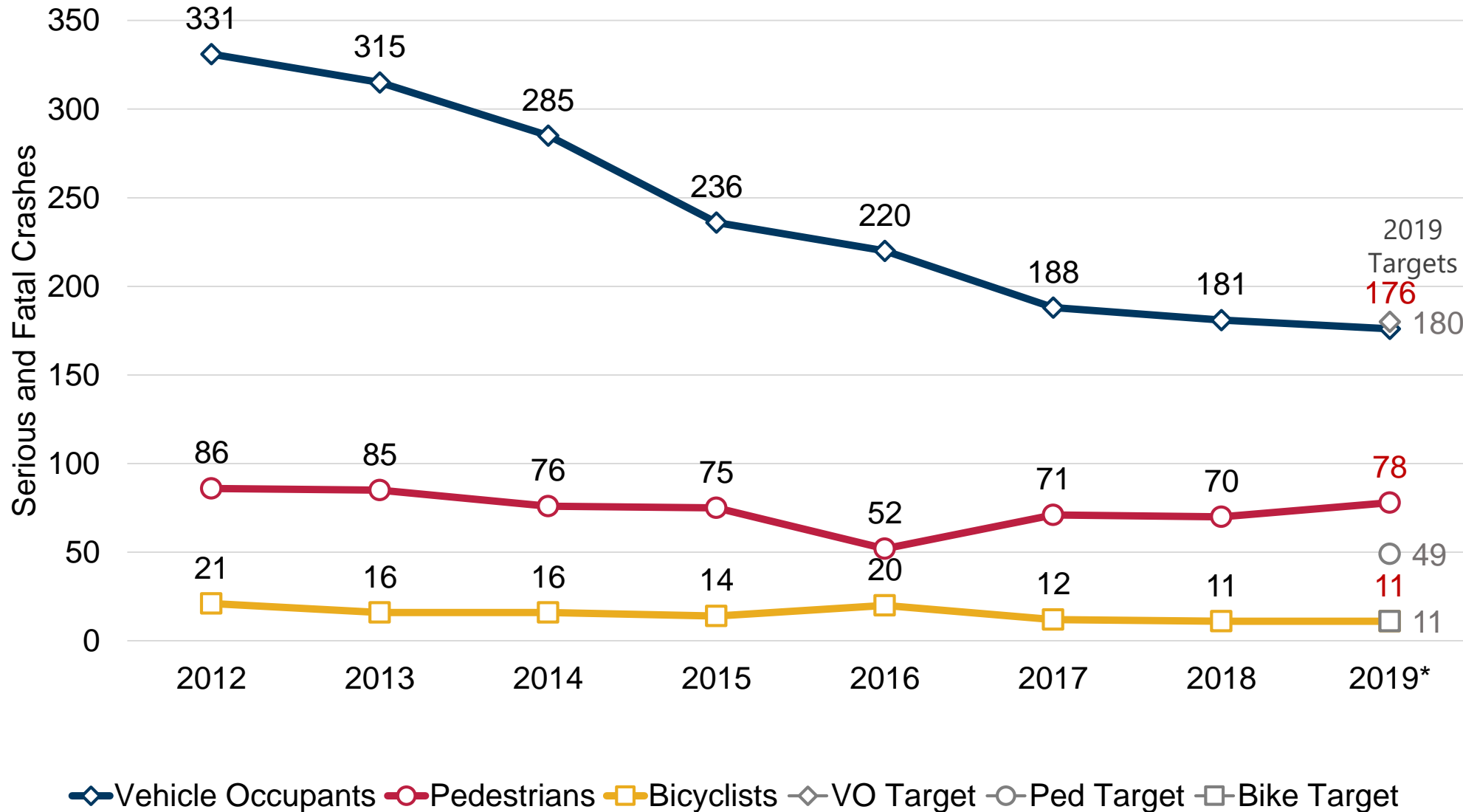
To reach our Vision Zero goals, there are numerous municipal, county, and state agencies involved. The core group that receives the most funding and critical to Vision Zero's success are shown in the dark blue inner circle. The outer light blue circle highlights the many partner departments and agencies that have a role in creating safe streets for all roadway users. All of these groups are brought together by the County Executive's Office through the Assistant Chief Administrative Officer and Vision Zero Coordinator overseeing the initiative.



CRASH STATISTICS



SERIOUS & FATAL CRASHES BY YEAR



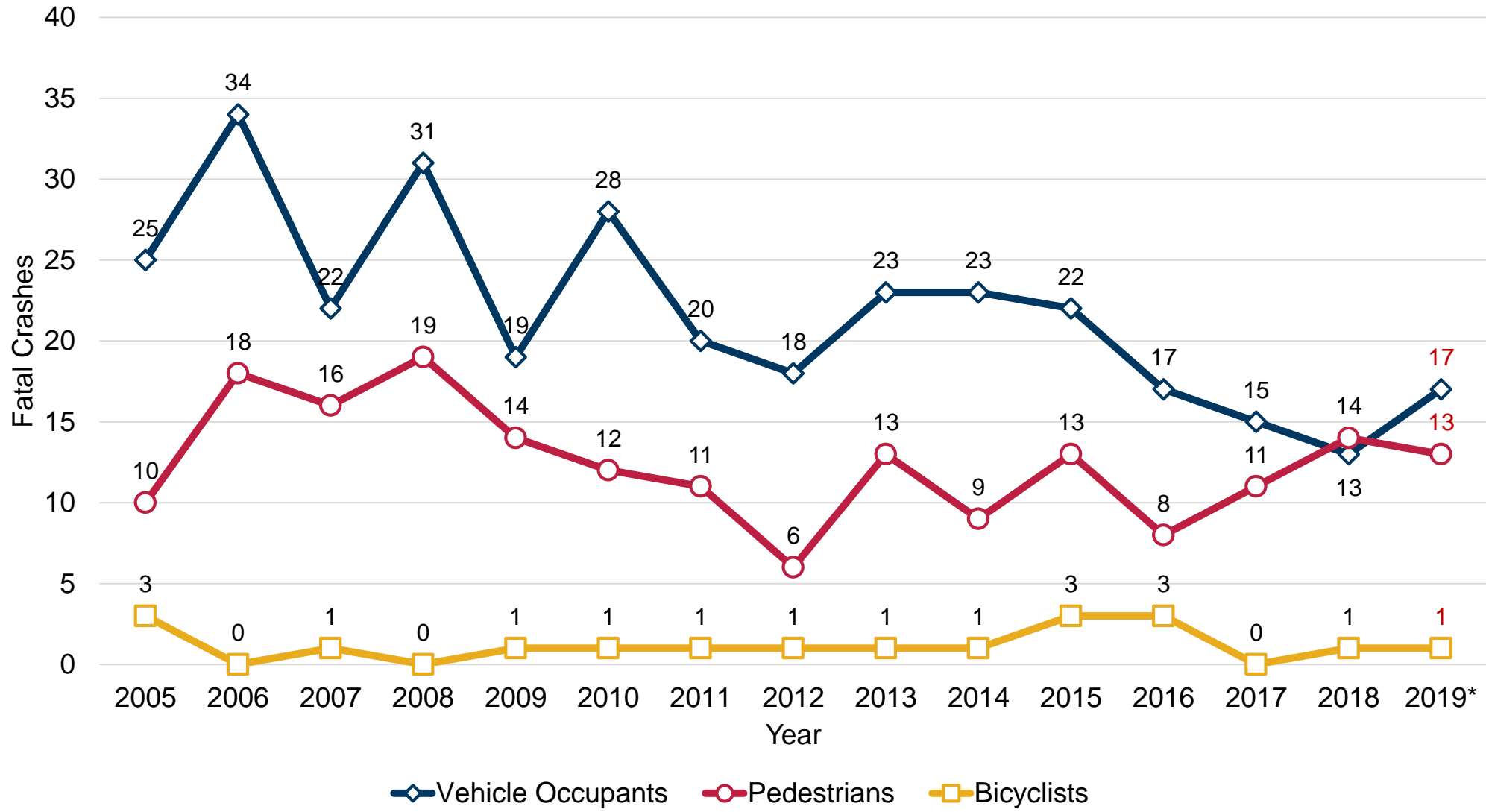
The Vision Zero Two-Year Action Plan set out reduction targets of 20% and 35% in 2018 and 2019 compared to the 2012-2016 average.

Preliminary 2019 data show 265 serious and fatal collisions, a 28% reduction from the 2012-2016 average. Targets for vehicle occupants and cyclists were met, but pedestrian crashes did not meet the target.

Source: MCPD

*2019 data are preliminary and subject to change

FATAL CRASHES BY YEAR



In 2019, there were **31 fatal crashes with 32 fatalities**. This matches the 2014-2018 5-year historical average.

After four consecutive years of decline and a record low in 2018, the number of fatal crashes for vehicle occupants increased in 2019.

There was one fewer pedestrian fatality in 2019 compared to 2018. Nationwide, pedestrian fatalities are increasing by 35% from 2008 to 2017.

Source: MCPD Collision Reconstruction Unit
 *2019 data are preliminary and subject to change



VISION ZERO RECENT ACTIVITY



VISION ZERO ACTIVITY SINCE NOV. MEETING



Released 2020
Workplan

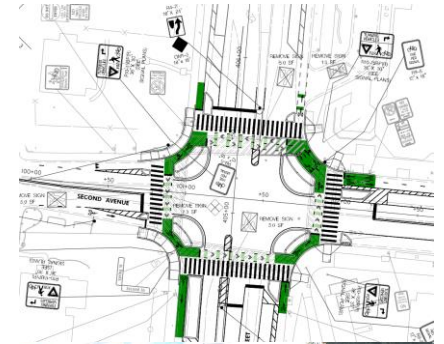
Hired Vision Zero
Coordinator

Activated HAWK
Beacon at
Tuckerman Ln &
Bethesda Trolley
Trail

Holiday Task Force
Removed 288
Impaired Drivers
from the Road

Over 10,000
Contacts for “Be
Safe, Be Seen”
Campaign

Piloting Additional
Officers in Central
Traffic Unit for High
Visibility
Enforcement



RECOMMENDED CIP BUDGET HIGHLIGHTS

- **\$266.6 Million for Vision Zero related projects**
 - 26 pedestrian and bikeway projects
 - Vision Zero incorporated into 16 road and bridge projects
- **\$23.9 Million in additional funding**
 - \$9.3 Million for Pedestrian Safety CIP
 - \$4.5 Million for Purple Line BiPPA
 - \$4.2 Million for filling in sidewalk gaps
 - \$2.0 Million for Amherst Ave. bikeway
 - \$1.9 Million for lighting along Seven Locks Rd Bikeway
 - \$1.3 Million for minor bikeway projects
 - \$0.7 Million for widening Good Hope Rd sidewalk project



2020 WORKPLAN



- **Sidewalk inventory** complements citizen requests to provide better gap identification and project prioritization.
- **Bus stop audit** along the High Injury Network to identify necessary improvements for riders getting safely to and from the stops.
- **High Injury Network analysis** with MCDOT and SHA to identify potential short- and long-term needs.
- **Bicycle-Pedestrian Priority Area** dedicated CIP projects to implement bicycle networks in Silver Spring, Bethesda, Wheaton, Glenmont, Veirs Mill/Randolph, and along the Purple Line.
- **High visibility enforcement** based on crash and ticket history to better utilize enforcement details with new centralized team.
- **Systematic safety analysis** to determine predicted crash rates for the entire roadway network to build a long-term strategy for potential reengineering locations.
- **Targeted messaging** such as the *Be Safe Be Seen* campaign to address increased crashes occurring once the evening rush hour is in the dark. Also developing distracted driving campaign with diverse messaging.
- **Building in equity considerations** for project prioritization to address historic inequities in the built environment.



Engineering

- Design facilities that prioritize safety above all else
- Key Outcome: Reductions in serious and fatal collisions in High Injury Network (HIN)



Enforcement

- Encourage safe behaviors using evidence-based high visibility enforcement
- Key Outcome: Hours of dedicated enforcement for factors contributing to serious and fatal collisions



Education

- Engage the public to promote the importance of traffic laws and safe behaviors
- Key Outcome: Increased awareness of dangerous driving, biking, and walking behaviors



Traffic Incident Management

- Ensure that when a collision occurs, prompt care is provided
- Key Outcome: Maintain response times for traffic collisions with injuries based on dept. standards



Law, Policy, and Advocacy

- Improve the way traffic safety is managed by changing codes, laws, and policies that do not align with Vision Zero
- Key Outcome: Passage of significant laws and policies required to implement Vision Zero

High Injury
Network Roadway
Modifications

High Injury
Network Signal
Modifications

Implement
Pedestrian Road
Safety Audit
Recommendations

Develop Cost
Estimates for Full
HIN Buildout

Finalize Complete
Streets Design
Guidelines

Implement Bus
Stop Audit
Recommendations

Evaluate Trail
Crossings and
Intersections

State/County
Project
Collaboration

Traffic Signal and
Beacon Installation

Fill Sidewalk Gaps

Continue
Expanding Low-
Stress Bicycle
Network

NEW SIGNALS AND BEACONS

Scheduled to be installed are:

Traffic Signal:

- Wisteria Dr & Crystal Rock Dr
- MD 586 & Norris Dr (SHA)

HAWK Beacons:

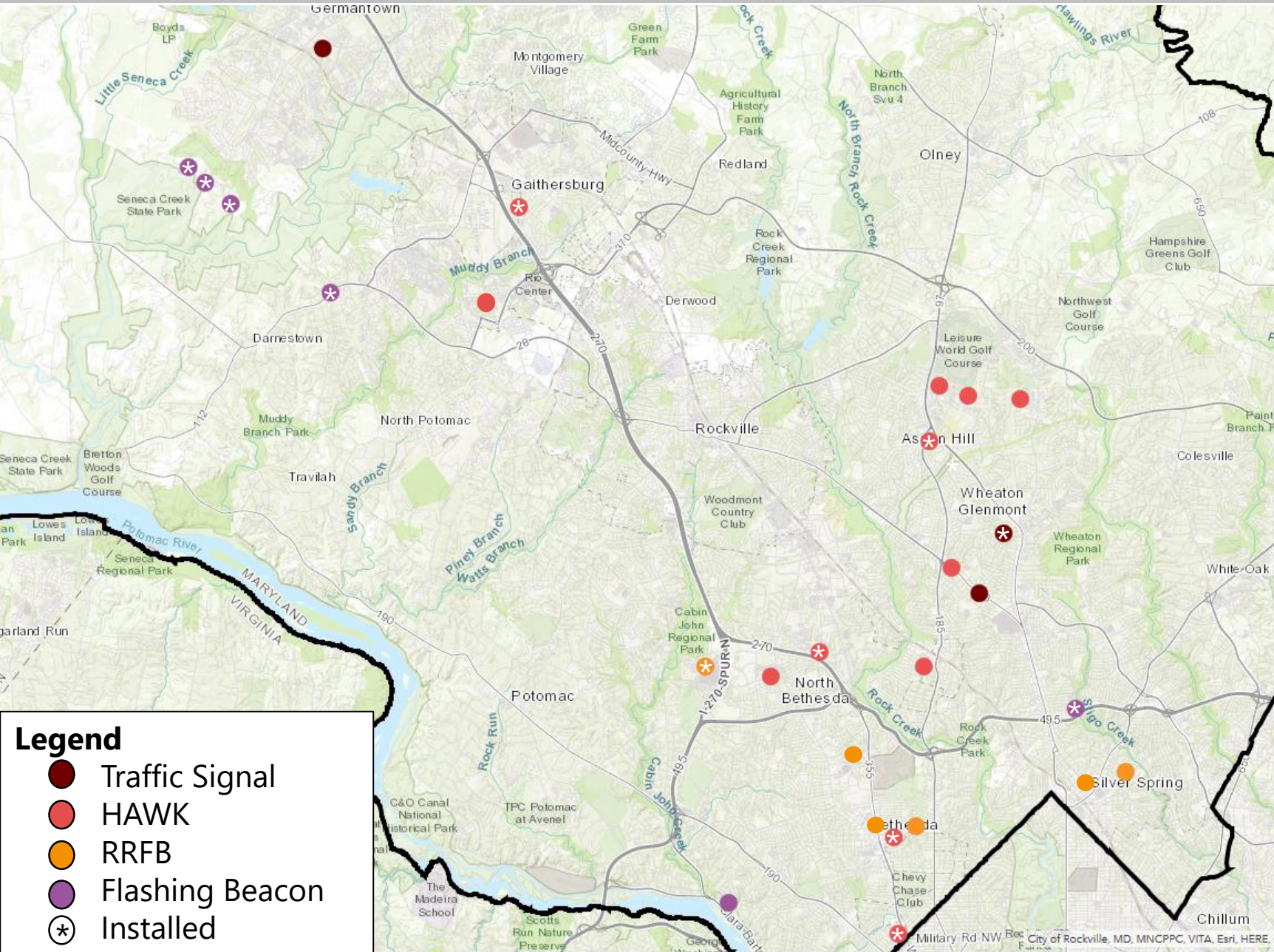
- Willard Ave. & The Hills Plaza
(Activation this winter)
- Democracy Blvd. & Walter Johnson HS
- Summit Ave & Brookfield Dr
- Bel Pre Rd (upgrade existing RRFBs)
- MD 586 & Andrew St (SHA)
- Muddy Branch & Muddy Branch
Square Shopping Center

Rectangular Rapid Flashing Beacons:

- East West Highway & Edgevale St
(SHA)
- Dale Drive & Dartmouth Ave
- West Cedar Lane & Cedarcrest
- Wisconsin Ave & Commerce Lane /
Avondale Street
- Georgia Ave & Fenwick Lane

Flashing Beacon:

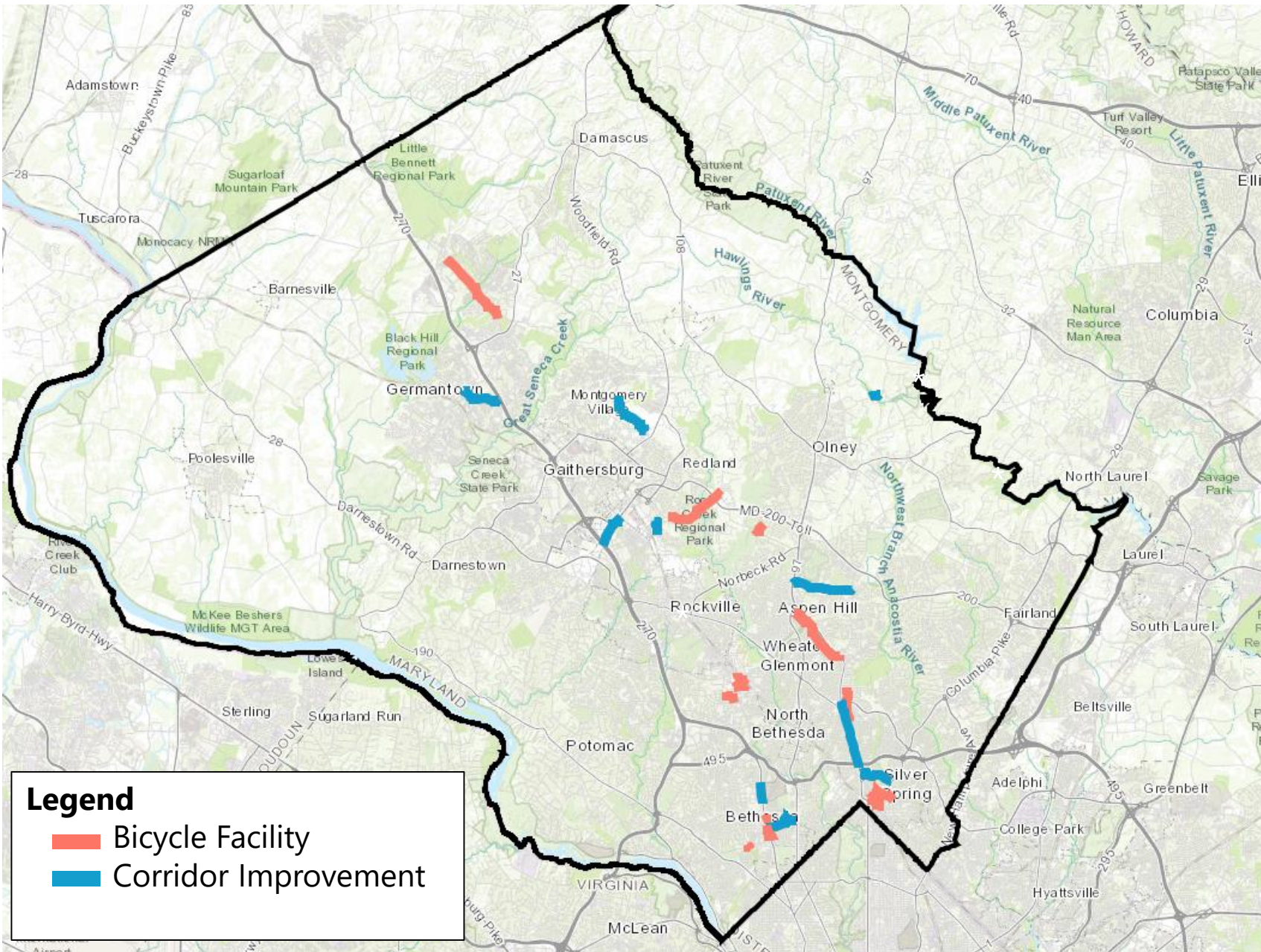
- MacArthur Blvd & Dunrobbin Dr



Legend

- Traffic Signal
- HAWK
- RRFB
- Flashing Beacon
- ⊛ Installed

CORRIDOR IMPROVEMENTS



Scheduled for design and/or construction:

Complete Street Upgrades:

- Crabbs Branch Way
- Bel Pre Rd
- Middlebrook Rd

Signal Timing Modifications:

- Shady Grove Rd

Bicycle Facilities:

- Capital Crescent Surface Trail
- Woodmont Ave
- Marinelli Rd
- Aspen Hill Neighborhood Greenway
- Amherst Ave (in design)

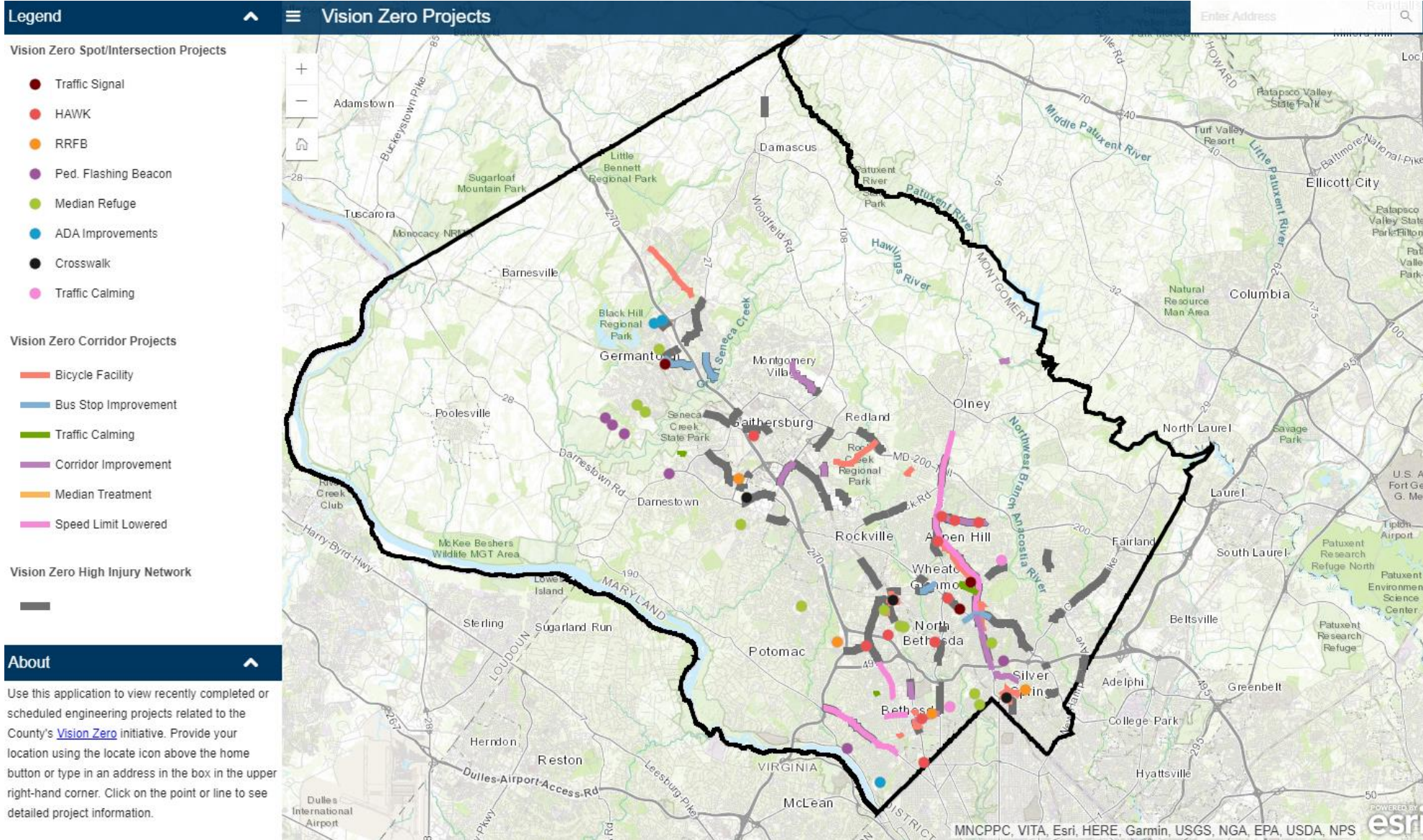
Bus Stop Improvements:

- Randolph Rd

Trail Crossings:

- 15 additional upgrades

VISION ZERO PROJECT MAP



MCDOT and CountyStat developed an interactive project map to highlight Vision Zero related projects happening across the county.

Since the initial launch of the map, SHA projects have been included such as speed limit reductions on major highways and signal projects.

The map can be found on the [Vision Zero homepage](#).

Continue Fatal
Crash Review
Team

High Visibility
Enforcement
Against Dangerous
Behaviors

Issue Contract for
Automated
Enforcement
Program

Officer Training for
Roadway
Engineering

HIGH VISIBILITY ENFORCEMENT

MCPD utilizes the Maryland Highway Safety Office's high visibility enforcement (HVE) calendar to perform regular stepped up enforcement all year round. MCPD utilizes analyses from MHSO, Traffic Division data analyst, and CountyStat to identify hotspots for crashes.

Enforcement is typically tied with education to inform residents of the dangerous behaviors, ways to curb the behaviors, and explain why we perform high visibility enforcement.



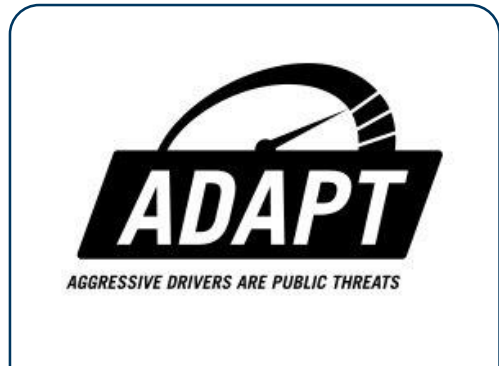
Distracted Driving



Seatbelt Use



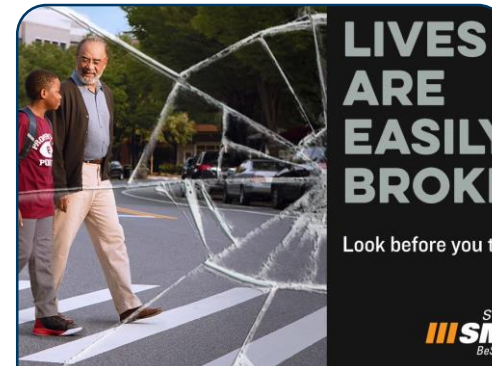
Impairment



Aggressive Driving



Speeding



Pedestrian Safety



Update
Comprehensive
Outreach Strategy

Host Bicycle Rodeos
and Expand On-Bike
Education

Safe Routes to
Schools Education
Program

Launch Distracted
Driving Campaign

Cross-Departmental
Outreach Events

Expand Engagement
to Include New
Community Partners



STAY - IT CAN WAIT.
FOCUSED

When Driving Don't Be Distracted By:



TEXT MESSAGES



PHONE CALLS



MAIL/E-MAIL



GPS



MUSIC



CAMERA

VISION ZERO



NO TRAFFIC DEATHS BY 2030
IN MONTGOMERY COUNTY

#EndDD • #VZFocus

Provide Prompt
Emergency
Medical Service

Devise Safe
Incident
Management
Plan

Hire Vision Zero
Coordinator

Build the 10-Year
Vision Zero
Strategy

Systematic
Roadway Safety
Analysis

Update
Subdivision
Staging Policy

Continue Support
to Municipalities

New Fleet Vehicle
Purchasing Policy

Review and
Update Roadway
and Sidewalk
Closure Policies

Review and
Update Trash and
Recycling Bin
Placement Policy

Build Equity
Considerations
into CIP Project
Selection



QUESTIONS?



Group photo of County employees involved in designing and building the 2nd/Spring protected intersection.