VISION ZERO UPDATE

FEBRUARY 28, 2022 - Silver Spring Citizen’s Advisory Board, TREE Committee
ALIGNING SAFETY STRATEGIES

Interplay with local, state, and federal efforts
What is Vision Zero?

Building Layers of Safety to Prevent Serious and Fatal Injuries on Our Roadways

Image Source: FHWA
Layers of Systematic Safety

The 5 Safe System Elements Create Redundancy

The “Swiss Cheese Model” of redundancy creates layers of protection.

Death and serious injuries only happen when all layers fail.

Image Source: FHWA
INTERGOVERNMENTAL COORDINATION ON VISION ZERO

Different Names and Interim Targets, Same End Goal

Municipal Vision Zero

County Vision Zero

DC Region Roadway Safety Policy

State Zero Deaths

Federal National Roadway Safety Strategy

 ACTION PLAN & WORK PLAN

How the long-term and short-term plans relate

2030 Plan

Plan Pillars

Safe System Alignment

Complete Streets

Pillars

Actions

Vision Zero

Multimodal Future

Culture of Safety

Safe Streets

Safe Transportaton

Safe & Sustainable Communities

Safe Vehicles

Safe People

Safe Post-Crash Emergency Response and Care

17 Actions

10 Actions

1 Action

2 Actions

10 Actions

2 Actions

Safe Speeds

Safe Speeds

Safe & Sustainable Communities

Safe Vehicles

Safe People

Safe Post-Crash Emergency Response and Care

4 Tasks

15 Tasks

1 Task

2 Tasks

22 Tasks

2 Tasks

FY22 Work Plan

63 Tasks*

15 Tasks

1 Task

2 Tasks

22 Tasks

2 Tasks

*There are 66 total tasks under Safe Streets, but 3 are also listed under Safe Transportation, so removed from chart above to avoid double counting.
Priority Action Items

Top 10 action items

• S-1: High Injury Network Projects
• S-3: Frequent, Protected Crossings
• S-4: Signal Timing and Phasing
• S-7: Separated, Low-Stress Bicycle Facilities
• S-11: Improved Lighting
• S-13: Sidewalk Construction and Upgrades
• M-1: Examine Speed Limit on all Projects
• T-1: Ped and Bike Improvements along New Transportation Projects
• T-2: Transit Stop Safety
• P-4: Ending Impaired Driving Deaths
Where can I find the full text of the current two-year work plan?
Implementing Vision Zero

Project Highlights
RECENT HIGHLIGHTS

**New Beacons**
Installed 3 Pedestrian Hybrid Beacons along Bel Pre Road. Outreach to drivers and pedestrians at local shopping plazas and schools to raise awareness of new devices.

**Holiday Task Force**
Multi-agency enforcement and education initiative in November-January to curb impaired driving during the holidays.

**Safe Walking Routes**
Advancing Grove Street Neighborhood Greenway Pilot with installation of walking lane and traffic calming devices.

**Bikeway Construction**
Planning Place
Bethesda Loop Projects
Emory Lane/ Muncaster Mill
Kensington Pkwy
White Flint West
Frederick Rd
Over 30 new installations since Vision Zero started.
Trail Crossing Improvements

Changes to trail crossings can include upgrading the crosswalks to high visibility, realigning crosswalks, sightline adjustments, improved signage, and new beacons.

Cabin John at Tuckerman Lane

Sligo Creek at Dennis Avenue
Bikeway Projects
Led by MCDOT
Currently Under Design or Construction

Design
- Fenton Street from Cameron Street to King Street
- Amherst Avenue from Arcola Avenue to Windham Lane
- Cheltenham Drive from Woodmont Avenue to Pearl St
- Metropolitan Branch Trail

Construction
- Bethesda Avenue/Willow Lane (Capital Crescent Surface Trail Phase I) from Woodmont Avenue to Wisconsin Avenue
- Woodmont Avenue Phase I from Montgomery Lane to Miller Avenue
- Montgomery Lane from Woodmont Avenue to MD355
- Marinelli Road from Rockville Pike to Nebel Street
- Grove St from Bonifant Street to Sligo Avenue
- Cameron Street to Planning Place
- Emory Lane and Muncaster Mill Road shared use path
- Frederick Road from Stringtown Road to Brink Road
CE Recommended FY23-28 CIP Budget

$433.0 million to support Vision Zero implementation

- New Sandy Spring Bikeway project
- New Tuckerman Lane Sidewalk project
- New US29 Pedestrian and Bicycle project to improve safe access to the FLASH transit stations
- Bicycle-Pedestrian Priority Improvements for Veirs Mill Road and the Wheaton Central Business District
- Increased funds for Safe Routes to School improvements and additional funds for sidewalk and curb replacement
- Community requested scope changes for Dale Drive Shared Use Path and Fenton Street Cycletrack projects
- More guardrails, traffic signals, traffic calming, street lighting, and improvements in bikeways, intersections, bus stops, and access to schools, parks, and trails.
Viers Mill Road Safety Projects

Implementing in conjunction with Bus Rapid Transit Project

Crossing Projects
- Intersection Improvement
- New Crossing

New Sidewalk
- Shared Use Path
- New Sidewalk
  Bike Pedestrian Priority Area

Traffic Signal
- Installed April 2020
- Installed February 2022
- Scheduled for 2022
Education and Outreach Events

Recent Events and Upcoming Schedule
Holiday Alcohol Task Force

Promoting Safe Rides Home

• Over 260 DUI arrests for seven-week task force.
• 461 people utilized SoberRide in DC area.
• Outreach to bars and restaurants with free coasters with safety message.
• Launched new Safe Ride Home page to provide one stop shop for finding sober ride options in Montgomery County.
Heads Up/ Phones Down Video Contest

Contest entries received from 2/1 – 2/22 from 170 high school students. Will be used during April distracted driving awareness month campaign.
Vision Zero Youth Ambassadors
Latest Updates on Vision Zero Website

Montgomery County's Goal to End Traffic Deaths

Montgomery County is one of the first county governments in the United States to initiate a Vision Zero plan. The County has put resources in place to eliminate serious and fatal collisions on County roads for vehicle occupants (drivers and passengers), pedestrians, and bicyclists by the end of 2030. Learn more about the Action Plan.
Find the latest details on projects in your neighborhood by checking out the interactive project map, visiting the MCDOT project page, or the SHA project portal.
THANK YOU!

Wade Holland, Vision Zero Coordinator

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Appendix: Crash Data

Recent Trends and Comparing to Pre-Pandemic Activity
Maryland Traffic Volume

Estimated Monthly Distribution of Annual (VMT) Vehicle Miles of Travel for: December-2021

NOTE: This chart displays estimated monthly Vehicle Miles of Travel compared with the previous year based on data collected at approximately 51 continuous count stations throughout the State. Estimates as of 1/5/2022.
Note on the Data Presented

Roadway Exclusions

The County Government receives crash data from the Maryland State Police (MSP) for the following local police agencies operating in Montgomery County:

- Montgomery County Police (MCPD)
- Rockville City Police Department (RCPD)
- Gaithersburg Police Department (GPD)
- Maryland-National Capital Park Police, Montgomery County (M-NCPPC Police)
- Takoma Park Police (TPPD)

The County Government does not receive data from the following state and federal agencies:

- Maryland State Police (MSP)
- Maryland Transit Authority Police (MTAPD)
- National Park Service Police (NPS PD)

Therefore, the following roadways are excluded from County Government reporting:

- Interstates (I-270, I-370, I-495)
- Intercounty Connector (MD-200)
- National Park Service roads (Clara Barton Parkway and minor access roads)

For final reports covering all roadways, see reporting from the Maryland Department of Transportation – Highway Safety Office at: [https://zerodeathsmd.gov/resources/crashdata/](https://zerodeathsmd.gov/resources/crashdata/)
## Preliminary 2021 Crash Totals

### ALL CRASHES

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<tr>
<td>Cyclists</td>
<td>121</td>
<td>144</td>
<td>-16%</td>
<td>133</td>
<td>-9%</td>
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<tr>
<td>Drivers / Passengers</td>
<td>8,874</td>
<td>7,568</td>
<td>+17%</td>
<td>11,315</td>
<td>-22%</td>
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<tr>
<td>Pedestrians</td>
<td>332</td>
<td>356</td>
<td>-7%</td>
<td>485</td>
<td>-32%</td>
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<td><strong>TOTAL</strong></td>
<td><strong>9,327</strong></td>
<td><strong>8,068</strong></td>
<td><strong>+16%</strong></td>
<td><strong>11,933</strong></td>
<td><strong>-22%</strong></td>
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### FATAL CRASHES

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<tr>
<td>Cyclists</td>
<td>0</td>
<td>1</td>
<td>-100%</td>
<td>2</td>
<td>-100%</td>
</tr>
<tr>
<td>Drivers / Passengers</td>
<td>25</td>
<td>22</td>
<td>+14%</td>
<td>16</td>
<td>+57%</td>
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<tr>
<td>Pedestrians</td>
<td>7</td>
<td>16</td>
<td>-56%</td>
<td>12</td>
<td>-42%</td>
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<tr>
<td><strong>TOTAL</strong></td>
<td><strong>32</strong></td>
<td><strong>39</strong></td>
<td><strong>-18%</strong></td>
<td><strong>30</strong></td>
<td><strong>+7%</strong></td>
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**NOTES:**
- **Red Text** = The number is preliminary and subject to change. 2021 cases are still being closed out. Data as of 2/16/22.
- Includes reports from MCPD, RCPD, GCPD, M-NCPPC Police, and TPPD.
Motorist Only Collisions by Month

Motorist Only Crashes

- CY15-CY19 Average
- CY20
- CY21 Prelim.
Pedestrian Collisions by Month

Pedestrian-Involves Crashes

- CY15-CY19 Average
- CY20
- CY21 Prelim.

Jan  Feb  Mar  Apr  May  Jun  Jul  Aug  Sep  Oct  Nov  Dec
Bicyclist Collisions by Month

- CY15-CY19 Average
- CY20
- CY21 Prelim.
Serious and Fatal Crashes

Comparing January 1 – December 31 for each year

Serious and Fatal Crashes
Vehicle Occupants
Pedestrians
Bicyclists

Source: MCPD. Includes MCPD, RPD, TPPD, GPD, and M-NCPPC MC reports. Data retrieved 02/15/22. Includes crashes where at least one party suffered serious or fatal injuries. 2021 data are preliminary.
Serious and Fatal Crashes

Crashes by Roadway Owner

Source: MCPD. Includes MCPD, RPD, TPPD, GPD, and M-NCPPC MC reports. Data retrieved 02/15/22. Includes crashes where at least one party suffered serious or fatal injuries. 2021 data are preliminary.
Fatal Crashes

Comparing January 1 – December 31 for each year

Source: MCPD CRU. Data retrieved 02/15/22.
Includes crashes where at least one party suffered fatal injuries. 2021 data are preliminary.
Impaired Fatal Crashes

Percentage of fatal crashes with alcohol or drug use

Source: MCPD CRU. Data retrieved 02/15/22.
Includes crashes where at least one party suffered fatal injuries. 2021 data are preliminary and MCPD is awaiting toxicology reports.
Fatal Crashes
By Location and Roadway User

Source: MCPD CRU. Data retrieved 01/24/22.
Includes crashes where at least one party suffered fatal injuries. 2021 data are preliminary.