

## Status of Vision Zero Fiscal Year 2022 Action Items – Quarter 3 Update

Below is a summary of the work completed on the [Vision Zero Fiscal Year 2022 Plan](#) between Jan. 1 and Mar. 31, 2022.

### Quarter 3 (January 1 – March 31, 2022) Highlights

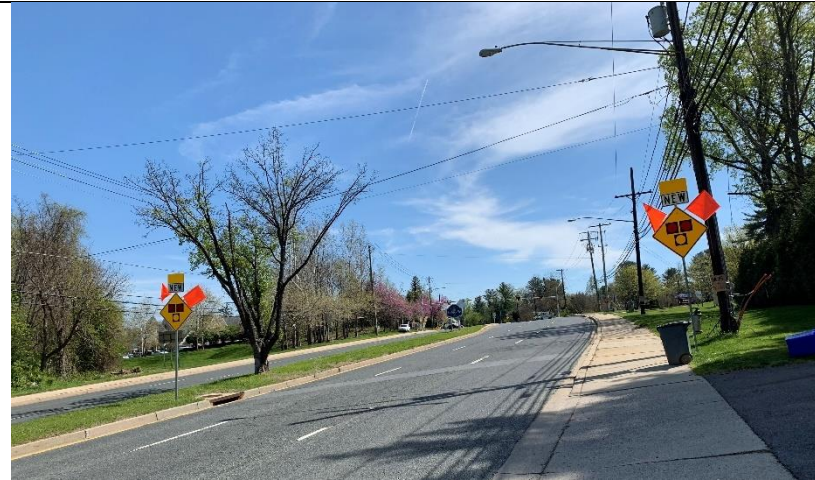
- Montgomery County Department of Transportation installed the county's 18<sup>th</sup> pedestrian hybrid beacon along Randolph Road and the entrance to Randolph Village apartments.
- Three bikeway projects completed substantial construction:
  - [Capital Crescent Trail Phase I](#) in Bethesda
  - [Beach Drive over Silver Creek](#) (including Rock Creek Trail relocation)
  - [Cameron St to Planning Place](#) in Silver Spring
- Phase one of [Oak Drive sidewalk](#) finished construction in January. Over 3.7 miles of sidewalk were installed year-to-date.
- The [New Hampshire Avenue road safety audit](#) advanced with a community meeting and online survey to gather the surrounding community's concerns. Those concerns combined with field reviews and crash history will be used to develop short- and long-term safety recommendations for the corridor.
- The [pedestrian underpass below Maryland 355](#) between NIH and Walter Reed opened to the public in February. Construction work was completed in the fall.
- The County Executive released his recommended [Capital Improvements Program \(CIP\) budget](#) was released in late January with \$433 million programed for Vision Zero related projects. The budget fast tracks needed pedestrian and bicycle improvements for Veirs Mill Road to be implemented in coordination with bus rapid transit. The budget will be reviewed and approved by the County Council in the spring.
- MCDOT held the [Heads Up/Phones Down contest](#) for high school students to create peer-to-peer messages about the dangers of being distracted on the road. There were 170 students involved from 18 high schools.
- The County continued its focus on ending impaired driving deaths. For St. Patrick's Day, the County promoted safe rides home including a discounted Lyft ride through the Washington Regional Alcohol Program and utilized targeted DUI enforcement. During the prior quarter, there were 419 arrests for driving under the influence of alcohol or drugs.

For detailed information on each of the Plan's 45 action items, see next pages or use the hyperlinks below to go to a particular section.

- [How to Read the Action Item Updates](#)
- [Status of Priority Action Items](#)
- [Status of All Action Items](#)

## Quarter 3 Highlight Reel

Below are photos highlighting work the Vision Zero Team completed during the past quarter.



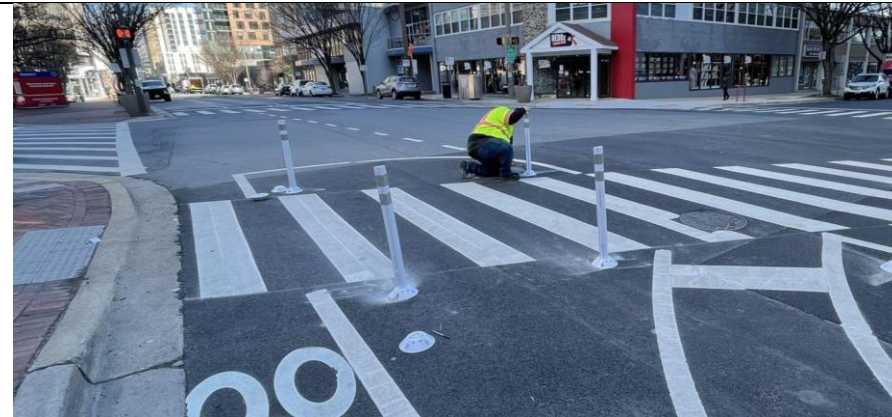
MCDOT installed the 18<sup>th</sup> pedestrian hybrid beacon in the county along Randolph Road between Hawkesbury Lane and Hammonton Rd.



Construction along Beach Drive over Silver Creek finished ahead of schedule. The bridge reopened on 3/15/22.



A community meeting, online survey, and field reviews were held to develop safety recommendations for [New Hampshire Avenue](#) between the Beltway and Piney Branch Road. The final report will be released this summer.



At Woodmont and Norfolk, flexposts were installed to delineate the painted island to reduce right turning speeds and shorten the exposure for pedestrians.

## How to Read the Action Item Updates

The County Government and its safety partners developed detailed annual work plans to make progress on the action items in the [Vision Zero 2030 Action Plan](#). The following pages provide details on how the County is progressing on its annual work plan. Each action item has a status update and follows the same format:

- **Action Item** – The action item number and short description of the action item.
- **Action Item Description** – Long-term action item description. This describes the ongoing work through the Plan’s lifetime to fully implement the action item.
- **FY22 Status** – Tracking whether work on the annual work plan is on track to be completed by the end of the fiscal year (June 30). Action items can have the following statuses:
  - On-going and On-Schedule: Work on the action item is underway and expected to meet the end of the year deadline for completion.
  - Behind Schedule, Work Underway: Work on the action item is underway, but current estimates place completion beyond the end of the year deadline for completion.
  - Behind Schedule, Not Started: Work on the action item has not started and if not expedited will not meet the end of the year deadline for completion.
  - Not Started: Work on the action item has not started but scheduled to start later in the year and be completed on-time.
  - No Resources: Work on the action item cannot start or be fully completed due to lack of funding or staff.
  - Complete: Work is finished on the annual work plan.
- **FY22 Implementation** – A written summary of recently completed or upcoming work on the action item.

## Status of Priority Action Items

The Vision Zero 2030 Action Plan identifies ten action items as priority actions. Priority actions have the highest potential impact on reducing serious and fatal injuries, can be applied across the transportation network, and support safe travel for all modes.

See the [Status of All Action Items](#) section below to view the status of all action items.

Action Item	Action Item Description	FY22 Status	FY22 Implementation
<b>S-1: High Injury Network Projects</b>	Implement safety countermeasures on identified high-risk road segments and intersections.	<b>On-Going &amp; On-Schedule</b>	<p>All roadway safety studies are on-schedule. During quarter three, the safety audit along New Hampshire Avenue between I-495 and Piney Branch Road in conjunction with Prince George’s County started in January and held public outreach in March.</p> <p>Design for safety improvements along Randolph Road from Colie Drive to Hunters Lane and Sam Eig Highway from I-370 to Diamondback Drive are advancing.</p> <p>Signal modifications along Shady Grove Road from I-270 to Frederick Road is nearly completed (also under S-4). Building out improvements along Crabbs Branch Way between Shady Grove Road and Indianola Drive is underway.</p>
<b>S-3: Protected Crossings</b>	Provide additional protected crossing locations by installing new traffic signals and beacons, with priority installations in high crash risk areas with infrequent crossing opportunities.	<b>On-Going and On-Schedule</b>	<p>Completed or Stated in Quarter Three:</p> <ul style="list-style-type: none"> <li>• Pedestrian hybrid beacons were installed at Randolph Road and Randolph Village.</li> <li>• Construction of a new pedestrian hybrid beacon started at Westlake Drive and Lakeview Drive.</li> <li>• New signal installed at Veirs Mill Road and Norris Drive.</li> </ul> <p>Scheduled for installation by this summer:</p> <ul style="list-style-type: none"> <li>• Pedestrian hybrid beacon at Veirs Mill Road and Andrews St.</li> </ul> <p>Traffic signal at Sangamore Road and Walhonding Road.</p>



Action Item	Action Item Description	FY22 Status	FY22 Implementation
<b>S-4: Signal Timing and Phasing</b>	Where appropriate, modify signal phasing and timing to provide protection for all road users.	On-Going and On-Schedule	The signal policy and guideline updates started in late winter. Signal modifications along Shady Grove Road from I-270 to Frederick Road are nearly completed (also under S-1).
<b>S-7: Separated, Low-Stress Bicycle Facilities</b>	Build bikeways identified within the Tier 1 network of the Bicycle Master Plan. Prioritization of any bike facility projects must also prioritize upgrading known high crash risk roads. Tier 2 and 3 should be considered when opportunities arise such as redevelopment, repaving, or would increase safety on a high crash risk road.	On-Going and On-Schedule	<p> <a href="#">Heritage Triangle Trail (Phase 1)</a> and <a href="#">Tuckerman Lane Sidewalk and Bikeway</a> reached 35% design in the 3rd quarter. 35% design was reached for Fenton St Cycletrack during quarter two and went through mandatory referral during quarter three.         </p> <p>           Design continues on: <a href="#">Dale Dr Shared Use Path</a> (reached 70% design in Q3), <a href="#">Marinelli Road (Phase II)</a>, <a href="#">Bradley Boulevard (MD-191) Improvements</a>, <a href="#">Frederick Road (MD 355) Clarksburg Shared Use Path</a>, <a href="#">Seven Locks Road Bikeway (begin facility planning)</a>, <a href="#">BiPPA – Wheaton CBD</a> (submitted Natural Resource Inventory and Forest Stand Delineations in Q3).         </p> <p>           Construction substantially completed for <a href="#">Capital Crescent Surface Trail (Phase I)</a> during quarter three (some minor work finalized in early quarter 4), <a href="#">Beach Drive over Silver Creek</a>, and <a href="#">Cameron Steet to Panning Place Bikeway</a> .         </p> <p>           Construction starting or continuing on: <a href="#">Woodmont Ave Phase I</a>, <a href="#">Capital Crescent Trail along the Purple Line</a> (major construction to resume on Purple Line this spring), <a href="#">Marinelli Road (Phase I)</a> <a href="#">Emory Lane Shared Use Path</a>, <a href="#">White Flint West Workaround</a>.         </p> <p>           Construction delayed from initial schedule on: <a href="#">Metropolitan Branch Trail</a>, <a href="#">BiPPA – Grosvenor Rockville Pike Shared Use Path</a>, <a href="#">Glenmont/Aspen Hill Neighborhood Greenway Pilot</a>.         </p>

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<b>S-11: Improved Lighting</b>	Improve nighttime illumination utilizing leading practices for illumination and lighting, regular identification and replacement dark or dim streetlight luminaires, and installing lighting in areas with high crash risk and high pedestrian crossing locations.	On-Going and On-Schedule	<p>The County was awarded technical assistance from the Metropolitan Washington Council of Governments to develop updated streetlighting standards to complement the new Complete Streets Design Guide.</p> <p>Utilizing various social media channels, the County provides information about submitting outages to the County or utility companies.</p> <p>100% of FY22 Bethesda lighting upgrade is completed, waiting for FY23 budget to continue with the upgrades, projected to complete mid-FY24.</p> <p>Work on infill lighting included installing 33 new overhead LED lights and completing 161 new underground lines energized year-to-date.</p>
<b>S-13: Sidewalk Construction and Upgrades</b>	Construct and reconstruct sidewalks with proper clearance and street buffer zones as recommended in the Complete Streets Design Guide. Leverage temporary measures, such as walking lanes, on low traffic volume roads.	On-Going and On-Schedule	<p>Constructed 12,400 linear feet of sidewalk in Q1 &amp; Q2. Q3 production is 7,000 linear feet. Current total is 19,400 linear feet under the County's <a href="#">minor sidewalk program</a>.</p> <p>Accelerated planning for sidewalk and other pedestrian safety projects along the Veirs Mill Road central and eastern sectors. Implementation scheduled concurrently with Veirs Mill BRT. Expanded scope to achieve 35% plans for all three sectors.</p> <p>Construction of the <a href="#">Oak Drive Phase I sidewalk</a> started in November and finished in January.</p>
<b>M-1: Examine Speed Limit on Transportation Projects</b>	Use ongoing safety and maintenance projects as an opportunity to review potential modifications to roadway design, through geometric or lane width	On-Going and On-Schedule	<p>The "<a href="#">Twenty is Plenty</a>" pilot with five locations is currently in the monitoring phase and will wrap up in early spring. MCDOT is performing before and after implementation studies to measure the effectiveness of the change of the posted speed limit on travel speeds and safety.</p>

Action Item	Action Item Description	FY22 Status	FY22 Implementation
	changes, to bring the design speed in line with the desired target and posted speed limit.		The Montgomery County Department of Transportation (MCDOT) performed a traffic safety study along Whitter Boulevard and lowered the speed limit to 25 MPH. Due to the adjacent school, houses of worship, parks, playgrounds, number of residential driveways, curves in the road, and current travel speeds it was determined that the 30 MPH speed was no longer the appropriate posted speed limit for the road. Additional speed limit reductions are in development for minor arterials across the county.
<b>T-1: Pedestrian and Bicycle Infrastructure Improvements Along New Transportation Projects</b>	Build pedestrian and bicycle infrastructure and wayfinding for Purple Line and future Bus Rapid Transit (BRT) routes to create complete streets on transit corridors.	Behind Schedule, Work Underway	<p>For bus rapid transit (BRT) projects, design work continues for the <a href="#">Veirs Mill Road</a> and <a href="#">MD 355</a> projects. Public meetings for Veirs Mill Road BRT occurred in November to include updates on pedestrian and bike station access/safety.</p> <p>For bike facilities being constructed to access transit, the <a href="#">Metropolitan Branch Trail</a> is currently delayed from its initial projected start this winter due to lack of competitive pricing in submitted proposals and will be rebid. The rebuilt <a href="#">Capital Crescent Trail</a> will fully resume once a new construction contract is issued by the Maryland Transit Administration this spring and construction starts in late summer/early fall.</p>
<b>T-2: Transit Stop Safety</b>	Provide safe crossings to and from transit stops through auditing transit stops and implementing audit recommendations. Develop consistent bus stop infrastructure (poles, benches, shelters, etc.)	On-Going and On-Schedule	The <a href="#">Ride On Reimagined</a> study's scope of work will include examining safe access to and from bus stops. MCDOT has completed a bus stop audit along MD355 in coordination with City of Rockville and State Highway Administration south of Rockville Town Square. In addition, MCDOT performed a bus stop audit in North Bethesda in anticipation of a new men's shelter on Nebel Street.
<b>P-4: Ending Impaired Driving Deaths</b>	Implement a multifaceted program towards ending impaired driving deaths with	Behind Schedule,	Work on an updated impaired driving strategy is scheduled to begin in spring 2022. Scope of work should allow to complete updated strategy by end of fiscal year.

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	focus on prevention and treatment.	Work Underway	There have been high visibility enforcement details recently working with Maryland State Police on I-270, I-495 and other state highways with known impaired driver risks. This work has been supported through grants.



## Status of All Action Items

The table below provides details on how the County Government and its partners are progressing the action items listed in the Vision Zero 2030 Plan. During FY22, work is underway for 44 out of 45 actions with one action item scheduled to begin work in FY23.

Action Item	Action Item Description	FY22 Status	FY22 Implementation
<p><b>S-1: High Injury Network Projects</b></p>	<p>Implement safety countermeasures on identified high-risk road segments and intersections.</p>	<p>On-Going &amp; On-Schedule</p>	<p>All roadway safety studies are on-schedule. During quarter three, the safety audit along New Hampshire Avenue between I-495 and Piney Branch Road in conjunction with Prince George’s County started in January and held public outreach in March.</p> <p>Design for safety improvements along Randolph Road from Colie Drive to Hunters Lane and Sam Eig Highway from I-370 to Diamondback Drive are advancing.</p> <p>Signal modifications along Shady Grove Road from I-270 to Frederick Road is nearly completed (also under S-4).</p> <p>Building out improvements along Crabbs Branch Way between Shady Grove Road and Indianola Drive is underway.</p>
<p><b>S-2: Intersection Redesign</b></p>	<p>Shorten crossing distances for pedestrians and cyclists and slow down the turning speed of vehicles through intersection modifications. Utilize quick build materials where appropriate.</p>	<p>On-Going &amp; On-Schedule</p>	<p>“Quick build” projects to improve intersection safety using flexposts to extend the turning radius are underway throughout the county. The next intersections to receive a quick build are:</p> <ul style="list-style-type: none"> <li>• Leighton Ave at Franklin Ave (NE &amp; SW quadrants)</li> <li>• Woodmoor Circle at Woodmoor Dr (NE &amp; SE quadrants)</li> </ul> <p>Design and construction of intersection improvements related to new protected bicycle facilities are underway. See S-7 below for additional bike project details.</p>

Action Item	Action Item Description	FY22 Status	FY22 Implementation
			<p>The new underground crossing for Medical Center was completed this summer as part of the <a href="#">Base Realignment and Closure Project and open to the public this quarter.</a></p> <p>Construction on the Old Georgetown Road and Tilden Lane intersection is scheduled for a spring 2022 start.</p>
<b>S-3: Protected Crossings</b>	Provide additional protected crossing locations by installing new traffic signals and beacons, with priority installations in high crash risk areas with infrequent crossing opportunities.	On-Going and On-Schedule	<p>Completed or Stated in Quarter Three:</p> <ul style="list-style-type: none"> <li>• Pedestrian hybrid beacons were installed at Randolph Road and Randolph Village.</li> <li>• Construction of a new pedestrian hybrid beacon started at Westlake Drive and Lakeview Drive.</li> <li>• New signal installed at Veirs Mill Road and Norris Drive.</li> </ul> <p>Scheduled for installation by this summer:</p> <ul style="list-style-type: none"> <li>• Pedestrian hybrid beacon at Veirs Mill Road and Andrews St.</li> <li>• Traffic signal at Sangamore Road and Walhonding Road.</li> </ul>
<b>S-4: Signal Timing and Phasing</b>	Where appropriate, modify signal phasing and timing to provide protection for all road users.	On-Going and On-Schedule	<p>The signal policy and guideline updates started in late winter.</p> <p>Signal modifications along Shady Grove Road from I-270 to Frederick Road are nearly completed (also under S-1).</p>
<b>S-5: Corridor Access Management</b>	Assess and remediate safety concerns created by uncontrolled turning movements to and from arterial and collector roads to neighborhoods and driveways with direct access with a specific focus on left turn safety issues.	On-Going and On-Schedule	<p>The evaluation of signalized and unsignalized left turns across more than two lanes for potential safety issues along High Injury Network corridors started this winter and is on-going.</p>

Action Item	Action Item Description	FY22 Status	FY22 Implementation
<b>S-6: Roadway Departure</b>	Improve roadways where run off the road crashes are prevalent, at curves and along country roads, utilizing repaving and safety programs. Prevent run-off-the-road events using higher friction road surface materials and guardrails, reduce serious collisions by removing fixed objects and using breakaway poles.	On-Going and On-Schedule	The first phase of the roadway departure study is complete with a data analysis to identify the roadways with the highest run-off-the-road and lane departure crashes. During the coming months, staff will do field audits of the high-risk County maintained roadways.
<b>S-7: Separated, Low-Stress Bicycle Facilities</b>	Build bikeways identified within the Tier 1 network of the Bicycle Master Plan. Prioritization of any bike facility projects must also prioritize upgrading known high crash risk roads. Tier 2 and 3 should be considered when opportunities arise such as redevelopment, repaving, or would increase safety on a high crash risk road.	On-Going and On-Schedule	<p> <a href="#">Heritage Triangle Trail (Phase 1)</a> and <a href="#">Tuckerman Lane Sidewalk and Bikeway</a> reached 35% design in the 3rd quarter. 35% design was reached for Fenton St Cycletrack during quarter two and went through mandatory referral during quarter three.         </p> <p>           Design continues on: <a href="#">Dale Dr Shared Use Path</a> (reached 70% design in Q3), <a href="#">Marinelli Road (Phase II)</a>, <a href="#">Bradley Boulevard (MD-191) Improvements</a>, <a href="#">Frederick Road (MD 355) Clarksburg Shared Use Path</a>, <a href="#">Seven Locks Road Bikeway (begin facility planning)</a>, <a href="#">BiPPA – Wheaton CBD</a> (submitted Natural Resource Inventory and Forest Stand Delineations in Q3).         </p> <p>           Construction substantially completed for <a href="#">Capital Crescent Surface Trail (Phase I)</a> during quarter three (some minor work finalized in early quarter 4), <a href="#">Beach Drive over Silver Creek</a>, and <a href="#">Cameron Steet to Panning Place Bikeway</a> .         </p> <p>           Construction starting or continuing on: <a href="#">Woodmont Ave Phase I</a>, <a href="#">Capital Crescent Trail along the Purple Line</a> </p>

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			<p>(major construction to resume on Purple Line this spring), Marinelli Road (Phase I) <a href="#">Emory Lane Shared Use Path</a>, <a href="#">White Flint West Workaround</a>.</p> <p>Construction delayed from initial schedule on: <a href="#">Metropolitan Branch Trail</a>, <a href="#">BiPPA – Grosvenor Rockville Pike Shared Use Path</a>, Glenmont/Aspen Hill Neighborhood Greenway Pilot.</p>
<b>S-8: Safe Trail Crossings</b>	Systematically upgrade the 156 trail crossings for safety improvements and develop safe trail connections to neighborhoods. Create standalone CIP projects for larger improvements such as major signal improvements or bridges.	On-Going and On-Schedule	Current projects include traffic calming and safety improvements along Beach Drive, Little Falls Parkway, and Sligo Creek Parkway, as well as safety improvements to hard surface and natural surface crossings.
<b>S-9: Safe Routes to School Engineering Projects</b>	Evaluate the infrastructure safety needs and construct improvements near MCPS schools to improve access and encourage students to walk to school (sidewalks, protected crossings, crossing guards, appropriate speed limits, etc.)	On-Going and On-Schedule	New Safe Routes to Schools studies are underway focused on Equity Emphasis Areas around the county. Additionally, a sidewalk gap study is being performed to identify and prioritize sidewalk needs around MCPS schools.
<b>S-10: Provide Safety Upgrades During Routine Maintenance</b>	Utilize repaving, tree pruning, and other maintenance schedules to provide lane widths, pedestrian and bicycle infrastructure, and other safety countermeasures as described in the CSDG that will bring the design speed closer to the speed limit and clear sightlines	On-Going and On-Schedule	The County is reviewing other communities' checklist for repaving and safety projects to incorporate into a revamped County process. Design was completed for <a href="#">Kensington Parkway Shoulder Improvements</a> . This project is following a utility project along the roadway and being repaved. Additional public outreach is being performed prior to construction.

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	and walking paths from overgrowth.		
<b>S-11: Improved Lighting</b>	Improve nighttime illumination utilizing leading practices for illumination and lighting, regular identification and replacement dark or dim streetlight luminaires, and installing lighting in areas with high crash risk and high pedestrian crossing locations.	On-Going and On-Schedule	<p>The County was awarded technical assistance from the Metropolitan Washington Council of Governments to develop updated streetlighting standards to complement the new Complete Streets Design Guide.</p> <p>Utilizing various social media channels, the County provides information about submitting outages to the County or utility companies.</p> <p>100% of FY22 Bethesda lighting upgrade is completed, waiting for FY23 budget to continue with the upgrades, projected to complete mid-FY24.</p> <p>Work on infill lighting included installing 33 new overhead LED lights and completing 161 new underground lines energized year-to-date.</p>
<b>S-12: Sidewalk Repair and Clearance</b>	Ensure sidewalks are in good repair, free from obstructions, and meet or exceed the Americans with Disabilities Act (ADA) requirements. Continue to update sidewalk survey to proactively address trip and other hazards from uneven or blocked sidewalks.	On-Going and On-Schedule	<p>Ongoing construction efforts to ensure sidewalks are compliant are underway across the County.</p> <p><a href="#">Neighborhood-wide projects</a> during the spring/summer 2022 construction season include New Hampshire Estates / Quebec Terrace (90% complete), Rock Creek Forest Phase III (40% complete), and Barnsley Manor (scheduled to start).</p>
<b>S-13: Sidewalk Construction and Upgrades</b>	Construct and reconstruct sidewalks with proper clearance and street buffer zones as recommended in the Complete Streets Design Guide. Leverage temporary measures, such as walking	On-Going and On-Schedule	<p>Constructed 12,400 linear feet of sidewalk in Q1 &amp; Q2. Q3 production is 7,000 linear feet. Current total is 19,400 linear feet under the County's <a href="#">minor sidewalk program</a>.</p> <p>Accelerated planning for sidewalk and other pedestrian safety projects along the Veirs Mill Road central and eastern sectors. Implementation scheduled concurrently</p>



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	lanes, on low traffic volume roads.		with Veirs Mill BRT. Expanded scope to achieve 35% plans for all three sectors.  Construction of the <a href="#">Oak Drive Phase I sidewalk</a> started in November and finished in January.
<b>S-14: High Visibility Equipment and Markings</b>	Continue using regular maintenance to upgrade traffic signals to have retroreflective borders and refresh/install new crosswalks with continental striping.	On-Going and On-Schedule	MCDOT has started installing these improvements and scheduled to complete before the end of the fiscal year.
<b>S-15: Shared Streets</b>	Develop a permanent version of the Shared Streets program created in 2020 to rethink how public right-of-way is used that can prioritize non-motorist travel and provide benefits to businesses and residents.	On-Going and On-Schedule	County Streeteries will remain in place through Labor Day 2022.
<b>S-16: Data Informed Decisions</b>	Utilize and combine data sources regarding crashes, infrastructure, land use, traffic volume, etc. to identify high crash risk areas and potential countermeasures. Infuse data in the budget and decision-making process to improve safety and equitable outcomes.	On-Going and On-Schedule	The predictive safety analysis is underway. Project findings will be presented to the Planning Board in June 2022.  The Vision Zero website will be updated with a new crash dashboard in spring 2022. A data model is being created and validated that will feed into the dashboard.
<b>S-17: Equitable Project Intake and Selection</b>	Regularly review program intake processes to ensure resources are being used equitably, meeting community needs, and working towards Vision Zero.	On-Going and On-Schedule	Project for reviewing requests for traffic studies and sidewalks are underway and on-track to be completed by the summer.

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<b>M-1: Examine Speed Limit on Transportation Projects</b>	Use ongoing safety and maintenance projects as an opportunity to review potential modifications to roadway design, through geometric or lane width changes, to bring the design speed in line with the desired target and posted speed limit.	On-Going and On-Schedule	<p>The <a href="#">"Twenty is Plenty" pilot</a> with five locations is currently in the monitoring phase and will wrap up in early spring. MCDOT is performing before and after implementation studies to measure the effectiveness of the change of the posted speed limit on travel speeds and safety.</p> <p>The Montgomery County Department of Transportation (MCDOT) performed a traffic safety study along Whitter Boulevard and lowered the speed limit to 25 MPH. Due to the adjacent school, houses of worship, parks, playgrounds, number of residential driveways, curves in the road, and current travel speeds it was determined that the 30 MPH speed was no longer the appropriate posted speed limit for the road. Additional speed limit reductions are in development for minor arterials across the county.</p>
<b>M-2: Speed Management Policy</b>	Utilize leading, evidence-based practices for setting context sensitive speed limits that align with Vision Zero and the safe systems approach.	On-Going and On-Schedule	As part of the development of the <a href="#">Complete Streets Design Guide</a> , staff are reviewing policies and will recommend updates to align County policies with the new guidelines.
<b>M-3: Enforcement of Speed Limits</b>	Utilize hybrid (automated and officer initiated) approach for keeping drivers of motor vehicles at or below the speed limit.	On-Going and On-Schedule	The Central Traffic Unit has completed over 2,400 hours on enforcement using HVE in quarter 3. From January to March 2022, over 3,100 traffic stops were made for violations and focused on roadways with higher rates of speed-related crashes.
<b>T-1: Pedestrian and Bicycle Infrastructure Improvements Along New Transportation Projects</b>	Build pedestrian and bicycle infrastructure and wayfinding for Purple Line and future Bus Rapid Transit (BRT) routes to create complete streets on transit corridors.	Behind Schedule, Work Underway	For bus rapid transit (BRT) projects, design work continues for the <a href="#">Veirs Mill Road</a> and <a href="#">MD 355</a> projects. Public meetings for Veirs Mill Road BRT occurred in November to include updates on pedestrian and bike station access/safety.

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			<p>For bike facilities being constructed to access transit, the <a href="#">Metropolitan Branch Trail</a> is currently delayed from its initial projected start this winter due to lack of competitive pricing in submitted proposals and will be rebid.</p> <p>The rebuilt <a href="#">Capital Crescent Trail</a> will fully resume once a new construction contract is issued by the Maryland Transit Administration this spring and construction starts in late summer/early fall.</p>
<b>T-2: Transit Stop Safety</b>	Provide safe crossings to and from transit stops through auditing transit stops and implementing audit recommendations. Develop consistent bus stop infrastructure (poles, benches, shelters, etc.)	On-Going and On-Schedule	The <a href="#">Ride On Reimagined</a> study's scope of work will include examining safe access to and from bus stops. MCDOT has completed a bus stop audit along MD355 in coordination with City of Rockville and State Highway Administration south of Rockville Town Square. In addition, MCDOT performed a bus stop audit in North Bethesda in anticipation of a new men's shelter on Nebel Street.
<b>T-3: School Bus Stop Safety</b>	Systematically review and upgrade school bus stop locations and pick up/drop off at schools to ensure student safety.	On-Going and On-Schedule	The Department of Transportation, Police Department, and Public Schools are developing an action plan to address school bus stops that see frequent violations of drivers passing a stopped school bus.
<b>T-4: Eliminate Sidewalk Obstructions</b>	Provide clearance space on sidewalks and consider restrictions or bans to ensure placement of signs, newspaper boxes, and trash bins do not block safe passage.	On-Going and On-Schedule	Efforts on the University Boulevard West pilot for keeping bins out of the sidewalk is scheduled to start in spring 2022.
<b>T-5: Maintenance of Travel (MOT) during Sidewalk and Road Closures</b>	Ensure construction and other road closures do not create roadway safety hazards by utilizing County and State laws and policies to enforce the law and communicate with the	On-Going and On-Schedule	DPS forwarded Executive Regulation 15-20 to the County Executive's Office in July 2021. Executive Regulation 15-20 was unanimously approved by Council action on January 18, 2022 as <a href="#">Resolution 19-1138</a> .

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	public about closures and how to report violations.		DPS has an <a href="#">online Construction Activities map</a> that provides information on select active public right of way permits that could impact traffic or pedestrian mobility. Now with the approval of ER 15-20 as County Council Resolution 19-1138, DPS will begin to issue a separate Maintenance of Traffic permit to pinpoint this type of data.
<b>T-6: Bike and Micromobility Parking</b>	Install micromobility corrals across the County, with priority in major activity centers, to provide safe and convenient parking for bikes and other micromobility devices (e.g., e-scooters) to keep the sidewalks, bike lanes, and roads clear.	On-Going and On-Schedule	<p>MCDOT has procured bike and e-scooter racks and are currently scouting additional locations for parking corrals based on usage patterns. Two locations have been installed in downtown Silver Spring.</p> <p>To encourage proper use and storage of micromobility devices, Commuter Services continues to post information on social media, including an informational video, about proper parking for e-scooters. E-scooter vendors have also sponsored learn to ride classes across the County this spring and summer.</p> <p>The County Council has reintroduced Bill 36-21, Motor Vehicles and Traffic - E-Scooters - Operating Requirements and Registration to establish registration and operating requirements for low-speed, electric scooters.</p>
<b>T-7: Curbside Management</b>	Prioritize curbside space to meet the needs and policy goals for urban areas and ensure use reduces conflict amongst road users. This includes creating and expanding pick up/drop off zones, unloading, and short-term parking close to building entrances.	Behind Schedule, Work Underway	The Urban Loading and Delivery Study will be presented to the Planning Board in summer 2022.

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<b>T-8: Snow Removal from Bike Facilities, Sidewalks, and Transit Stops</b>	Clarify County Government's responsibility for snow clearance from sidewalks and bike lanes similar to how it is cleared from roadways.	Completed	The County Council unanimously passed and the County Executive signed Bill 9-21, Streets and Roads – Sidewalk Snow Removal- Amendments in February 2022. This bill adds an additional 40 linear miles of sidewalks the County Government would be responsible for clearing in addition to the existing 60 linear miles the County clears currently.
<b>T-9: Parking Lot Design and Construction</b>	Redeveloped or newly constructed parking lots and garages are safe for pedestrians, cyclists, and people using assistive mobility devices to access and navigate.	No Work Planned for FY22	No work scheduled for FY22 under this action item. Work scheduled to begin during FY23.
<b>T-10: Safety Audit of County Owned Parking Lots and Garages</b>	Review and modify County owned parking lots and garages to eliminate conflicts when entering and navigating the facilities.	On-Going and On-Schedule	<p>Improvements to reduce ped-vehicle conflicts by installing mirrors at the exits and entrances of underground garages (G13 in Wheaton &amp; G31 in Bethesda) and within the garage where there are potential blind spots.</p> <p>Work on an overall audit is being scoped for a potential winter 2022 start.</p>
<b>C: Transportation and Land Use Planning</b>	Incorporate Vision Zero and a safe systems approach into functional and area master plans, development review, and subdivision staging.	On-Going and On-Schedule	<p>Thrive will not be approved this fiscal year. The Council requested an additional equity review by an outside consultant with an initial schedule to produce revisions by July.</p> <p>Framework is being integrated into a broader guide for addressing transportation in master planning.</p>
<b>V-1: Safer County Vehicle Fleet</b>	When replacing County fleet and emergency response vehicles, ensure the vehicles are equipped with life-saving crash avoidance technology	On-Going and On-Schedule	DGS's Phase I fleet transition study is complete and DGS is now focusing on Phase II of the study. Phase II will focus on working with departments directly to develop a strategy for transitioning each section to zero-emissions.



Action Item	Action Item Description	FY22 Status	FY22 Implementation
	and vehicles are right sized for the areas they serve.		
<b>V-2: Prepare for Autonomous Vehicles</b>	Prepare the County's infrastructure for vehicles that will communicate with each other and the infrastructure.	On-Going and On-Schedule	Montgomery County continues to work with the Maryland Motor Vehicle Administration as part of the Connected and Automated Vehicle Workgroup. The State of Maryland surveyed Marylanders about their current understanding of self-driving vehicles to help in building a roadmap for future self-driving vehicles.
<b>P-1: Outreach and Education to the Community</b>	Improve project communication and outreach to a broader audience and on multiple communication channels utilizing County Government outreach staff on safety topics relevant to Montgomery County's identified safety problems and demographics.	On-Going and On-Schedule	<p>The Vision Zero Coordinator drafted an update and will convene County outreach staff in the spring to review and finalize the updated Vision Zero communication guidance document.</p> <p>MCDOT continues to work with partner County departments, State agencies, and municipal staff to implement comprehensive traffic safety education and outreach.</p>
<b>P-2: Collaboration with Community Partners and Ambassadors</b>	Work with existing community groups, County outreach staff, and community ambassadors to increase the amount of public feedback and raise awareness for traffic safety projects and campaigns.	On-Going and On-Schedule	Applications for the <a href="#">Vision Zero Youth Ambassador program</a> were accepted starting March 1. MCDOT received over 100 applications and selected 37 to become 2022 Youth Ambassadors. The first training session will be held in April.
<b>P-3: Coordination of Campaigns</b>	Wrap around planned safety projects with education, encouragement, outreach, and enforcement.	On-Going and On-Schedule	<p>The next project under S-1 for public engagement is the New Hampshire Avenue road safety audit. There was a public meeting held March 22 and an online survey was available for those unable to attend. The public meeting and survey were in English and Spanish.</p> <p>On-going outreach is performed when new pedestrian hybrid beacons are installed.</p>
<b>P-4: Ending Impaired Driving Deaths</b>	Implement a multifaceted program towards ending impaired driving deaths with	Behind Schedule,	Work on an updated impaired driving strategy is scheduled to begin in spring 2022. Scope of work should allow to complete updated strategy by end of fiscal year.

Action Item	Action Item Description	FY22 Status	FY22 Implementation
	focus on prevention and treatment.	Work Underway	There have been high visibility enforcement details recently working with Maryland State Police on I-270, I-495 and other state highways with known impaired driver risks. This work has been supported through grants.
<b>P-5: Expansion of Automated Enforcement</b>	As technology advances and privacy concerns are addressed, update State law to remove barriers that limit the use of automated traffic enforcement and take advantage of new technologies available.	On-Going and On-Schedule	A new contract for automated speed and red light enforcement was executed on March 31. New contract will allow for phased expansion of camera fleet.
<b>P-6: Focused Enforcement Efforts</b>	Focus the efforts of MCPD officers on curbing the most dangerous behaviors (occupant protection, speeding and aggressive driving, not yielding right of way, impairment from alcohol or drugs, and distraction) and less on non-moving violations.	On-Going and On-Schedule	<p>26 officers are now assigned to the Central Traffic Unit. Each district has retained a traffic complaint officer to address local issues.</p> <p>As part of the centralized traffic unit in MCPD, the department utilizes warnings as a way to first educate residents about safety infractions unless the infraction endangers public safety or the driver has a history of similar warnings and citations. MCPD officers are guided on the proper level of enforcement through FC1000, which was updated in January 2021.</p>
<b>P-7: Expand Safe Routes to School</b>	Expand the County's Safe Routes to School (SRTS) activities and initiate comprehensive traffic safety education and age appropriate outreach for pedestrian, bicycle, and driver safety.	On-Going and On-Schedule	There has been strong engagement with Elementary School parents, students, and administrators as part of the student art contest. The contest will close in April.
<b>P-8: Bike Riding and Safety Courses</b>	Expand adult and child beginner biking courses through Commuter Services	On-Going and On-Schedule	Additional outreach, including multilingual outreach, will be performed for spring learn-to-ride courses.

Action Item	Action Item Description	FY22 Status	FY22 Implementation
	and Safe Routes to School. Incorporate micromobility device training (e.g., e-scooters).		SRTS hosted eight bike rodeos for children in the summer and fall. At least 10 bike rodeos are planned for “Bike Month” in May.
<b>P-9: County Employees using Fleet Vehicles</b>	Provide a safe driving program for all County employees that utilize County fleet vehicles.	Behind Schedule, Work Underway	The Department of Finance, Division of Risk Management is advancing design of a computer-based training for all non-public safety employees in departments without dedicated driver training.
<b>P-10: Conspicuity for County Employee Uniforms</b>	Provide high visibility gear for employees working in or near roadways as uniforms are replaced or purchased for new employees.	On-Going and On-Schedule	Analysis to be performed by Vision Zero Coordinator and shared with relevant departments when finalized. Analysis started in winter 2022.  MCPD’s Central Traffic Unit has ordered high visibility jackets and rain gear.
<b>R-1: Prompt Medical Service</b>	Ensure proper emergency medical care for crash victims through prompt response to incident and proper medical care.	On-Going and On-Schedule	MCFRS publishes response time data through CountyStat and tracks in real-time internally through dashboards.
<b>R-2: Planning and Coordination for Safe Traffic Incident Management</b>	Utilize leading practices, policies, and technology to eliminate secondary crashes that occur while first responders are on the scene.	On-Going and On-Schedule	Work on the updates for traffic incident management policies is underway by departmental workgroups.