

City of Rockville

Vision Zero Action Plan Progress Chart - May 2022 Update

Action Item	End Date	Objective	Status	Notes
1. Crash Analysis / Predictive Analysis	7/1/2021	Complete the crash analysis and identify areas in the HIN.	Completed	<p>Staff has completed the first crash analysis, which covers serious injury and fatal crashes between 01/01/2016 and 12/31/2020 for all traffic modes - motorist, bicyclists, and pedestrian. This analysis also includes a review of Vision Zero Survey responses.</p> <p>Using the crash analysis, staff has identified the "High Injury Network" (HIN) which includes street segments that have had five or more serious injury or fatal crashes. There are six street segments within the HIN, all of which are maintained by Maryland State Highway Administration.</p> <p>Staff will provide an update to the crash analysis in fall of 2022 which will include serious injury and fatal crashes that occurred between 1/1/2017 and 12/31/2021.</p> <p>Montgomery County has developed a "Predictive Crash Analysis" that measures variables common to crash locations. This information will be included in subsequent crash analyses.</p>
	7/1/2022	Identify number of prioritized projects following the results of the crash analysis.	On-schedule	Transportation staff is using the results from the "Vision Zero Crash Data Analysis" to identify priority roadway safety projects.
2. Update City Road Design Standards	7/1/2021	Complete review of the City's existing road design standards.	Complete	Staff has reviewed the city's existing road design standards and has identified which standards need modification.
	7/1/2023	Develop and publish new/revised road design standards utilizing best practices.	On-schedule	Staff has modified and approved six different street standard cross sections. Four more street standard cross sections will be reviewed and modified as appropriate.
3. Review Transit Stops	7/1/2022	Complete comprehensive review of transit stops per the findings of the crash analysis.	On-schedule	<p>Staff continues to coordinate with Montgomery County and has shared GIS information so that our datasets are up to date. Montgomery County is conducting audits for bus stops in the vicinity of the fatal pedestrian crashes and shares results.</p> <p>Staff will establish a review procedure for transit stops if serious injury or fatal crashes occur in their proximity.</p>

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	7/1/2023	Evaluate the review process and develop a program for reviewing stops every five years.	On-schedule	Staff will update review process and develop criteria for review to be updated every five years.
4. Evaluate Crossings and Unsignalized Intersections	7/1/2022	Develop a list of priority crossings and intersections for modification per the findings of the crash analysis including; Identify all high-risk crossings within the city and increase the percentage of safe crossings and intersections using the number of severe and fatal collisions at crossings and intersections.	On-schedule	Using the crash analysis data, and the 2009 Pedestrian Safety and Accessibility study, staff has compiled a list of intersections within the City where multiple crashes have occurred over the past few years.
	7/1/2023	Apply best practices to improve safe crossings (such as bump-outs, medians, traffic control devices like paddles and rectangular rapid flashing beacons).	On-schedule	Staff will review priority intersections list and develop potential intersection improvements for feasibility analysis.
5. State/Montgomery County/City Project Collaboration	7/1/2022	Improve safety on roadways operated and maintained by SHA.	Ongoing	Staff meets with the State Highway Administration (SHA) and Montgomery County staff quarterly to discuss safety concerns on roadways owned/operated by SHA/County.
	Ongoing	Continue to advocate for identified project areas on roadways operated and maintained by SHA.	Ongoing	Staff requests project updates for all State and County maintained roadways within and bordering the City of Rockville. The crash data analysis indicated that many of the fatal or serious injury crashes occur on state maintained roadways.
6. Improve Traffic Signals	7/1/2022	Complete a review of traffic signals per the findings of the crash analysis.	On-schedule	Staff has compiled a list of intersections within the City where multiple crashes have occurred over the past few years. Staff will use this list, and an inventory of traffic signals to identify future improvements. Staff will share the list of intersections that are not maintained by the City of Rockville with the appropriate agency for their information and further review.
	7/1/2023	Identify improvements and implement projects on signals owned/operated by the City and advocate for improvements that can lead us to better and safer experiences for all users at these types of intersections.	On-schedule	Using the intersection list, staff will identify potential improvements that can be implemented. Staff will also share the priority intersections list with Montgomery County and Maryland Department of Transportation State Highway Administration.

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7. Accelerate Sidewalk Construction	7/1/2022	Develop a list of high priority projects per the findings of the crash analysis.	On-schedule	Coordinating with the Rockville Pedestrian Advocacy Committee, staff has developed a list of priority sidewalk projects. Using this list, staff will review construction feasibility to advance sidewalk projects. Additionally, staff will continue reviewing sidewalk gaps not included in the initial list for feasibility.
	7/1/2026	Complete priority projects and expand the city's bicycle network by providing additional sidewalk.	On-schedule	Progress on this objective is on schedule to commence after development of the high priority projects list.
8. Create Pedestrian Master Plan	7/1/2021	Complete the review of the City's existing pedestrian policies.	Complete	Staff has reviewed the City's policies and documents related to pedestrian safety. These policies, and potential updates to these policies, will be referenced in the Pedestrian Master Plan. RPAC and other engaged residents will be able to provide comments and feedback regarding existing policies for the Master Plan update.
	7/1/2023	Conduct public outreach, communication to stakeholder groups (such as the Rockville Pedestrian Advocacy Committee), and develop and present to the M&C a draft pedestrian masterplan.	Ahead of schedule	Staff established a series of discussion sessions/workshop opportunities with RPAC to establish a base line of expectations for the masterplan. Staff and RPAC drafted a mission statement and goals for the Pedestrian Master Plan. Staff and RPAC have coordinated an RPAC sub-committee with the explicit purpose of reviewing Pedestrian Master Plan documents, data, policies, and recommendations. A website for the pedestrian master plan is active (www.engagerockville.com/pedestrian-master-plan) and provides project information as well as an opportunity to comment through interactive digital tools. There have been 194 survey responses and 42 community map comments. The website will be available and updated regularly for the entirety of the project. Staff continues develop policies and recommendations for the Pedestrian Master Plan. Once a

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9. Expand Network of Safe Bicycle Facilities	7/1/2022	Develop a list of high priority projects per the findings of the crash analysis, the guidelines of the Bikeway Master Plan and the consultation of stakeholder groups (such as the Rockville Bike Advisory Committee).	On-schedule	Coordinating with the Rockville Bicycle Advisory Committee, staff has developed a prioritized list of bike lane projects from the Bikeway Master Plan. Using this list, staff will determine feasibility for construction.
	7/1/2028	Complete priority projects and expand the City's bicycle network by providing additional linear feet of bicycle infrastructure.	Ahead of schedule	Staff continues to identify and install signage and pavement markings for shared roadways throughout the city. It is expected that 75% of the recommended shared roadways will be completed by the end of the year.
10. Increase Enforcement Activities	Ongoing	Develop the list of high-incident areas for collisions and violations associated with the crashes. Use multiple enforcement techniques to target and change behavior. The efforts will be ongoing and reevaluated when new crashes occur to ensure we continue to use resources in the most effective and impactful manner.	Ongoing	<p>The Rockville City Police Department continues to enforce traffic safety alongside other enforcement activities. They respond to traffic enforcement requests from the public and other city departments.</p> <p>Additionally, the traffic unit receives a copy of the monthly crash summary that is developed by the Rockville Pedestrian Advocacy Committee. RCPD analysts review this data, as well as other traffic requests, to review high-crash locations for additional enforcement.</p>

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11. Explore Expanding Automated Enforcement	Ongoing	Both speed and red-light cameras are a part of the ongoing and continued efforts at promoting safe driving in the city. These efforts will include maximizing the impact to driver behavior through placement of existing portable speed cameras, in line with violation and crash data, while ensuring the location is in compliance with legal statutes. When a new contract is executed with the vendor, RCPD will explore the feasibility of increasing the number of automated devices to be deployed at more locations, thus allowing for greater impact on driving behavior and promoting safe driving.	Ongoing	<p>The Rockville City Police Department continues to carryout automated traffic enforcement through the existing contract. This includes the use of 10 red light cameras, 6 fixed pole speed monitoring system (SMS) cameras, 2 mobile units, and 9 portable SMS cameras. of 17 automated cameras, 9 of which are mobile and moved throughout the city strategically to enforce lawful transportation. The City's speed cameras are limited to school zones and residential districts. There are no similar restrictions to red light cameras.</p> <p>The automated enforcement contract that is used in the city is a ride-on contract with Montgomery County. Montgomery County has recently signed a new long-term contract for automated enforcement services. RCPD is currently working on an agreement with the service provider to ride on the new Montgomery County contract.</p>
12. Expand Traffic Law Enforcement and Distracted Driving Detection Program	Ongoing	Develop the list of high-incident areas for collisions and violations associated with the crashes. Use multiple enforcement techniques to target and change behavior. The efforts will be ongoing and reevaluated when new crashes occur to ensure we continue to use resources in the most effective and impactful manner.	Ongoing	<p>RCPD applied for and received grant money for FY22 to perform additional enforcement targeting violations involving speed/aggressive driving, distracted driving, and impaired driving on the roadways in Rockville. These grant-funded details allow officers to specifically focus on traffic enforcement while the regularly-scheduled patrol team members respond to the calls for service.</p> <p>RCPD applied for the FY23 Maryland Highway Safety Office grants for Distracted Driving, Impaired Driving, and Speed Enforcement. The grant application is currently under review.</p>
13. Collaboration with Court System	Ongoing	Initial education of the judicial system to the Vision Zero efforts has already occurred. As cases go to court, officers will ensure that judges are aware of violations occurring in high-incident areas prior to a sanction for the violation being imposed.	Ongoing	Initial education of the judicial system regarding the Vision Zero efforts has already occurred. RCPD continues to notify judges when violations occur in high incident areas.

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14. Enhance Police Driver Training	ongoing	While not currently an issue for the Police Department, will monitor for any severe or fatal collisions involving police vehicles, and continue to identify and provide remedial driver training as needed.	Ongoing	The department continues to promote to employees the importance of modeling safe driving and pedestrian behavior. Every employee involved collision is reviewed to include an assessment of previous incidents if they exist. As applicable, employees are required to attend appropriate remedial driver training.
15. Temporary Traffic Control Devices	ongoing	Procure additional temporary traffic control devices as they are identified as being needed. Continue to partner with the County and State when additional devices are needed at crash scenes. This increased visibility and direction at incidents on the streets will reduce the number of severe or fatal collisions occurring on the roadway impacted by an unexpected event.	Ongoing	RCPD currently has portable stop signs, barricades and cones available to employees to aid in traffic control as necessary. RCPD uses these tools as necessary to direct traffic during crash incidents or other events.
16. Create Comprehensive Outreach Strategy	7/1/2021	Create a comprehensive outreach strategy for the general population.	Complete	Staff completed an outreach strategy and continues to coordinate with the Public Information Office to update outreach efforts regarding Vision Zero. This includes Rockville Reports articles about traffic safety and transportation projects; social media messages reminding residents and visitors to travel safety, and Vision Zero fact sheets providing information about the program. Additionally, the Vision Zero website includes a "Vision Zero Survey" to solicit comments about the program and traffic safety in general, and a "Near-Miss Questionnaire" to provide residents and opportunities to share near-miss incidents with City staff.
	7/1/2022	Evaluate the effectiveness of outreach efforts and create a communication strategy targeting specific groups per the findings of the crash analysis.	Ongoing	Public Information Office staff continues to monitor activity of the city's vision zero webpage as well as comments and feedback regarding Vision Zero related posts.

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17. Join Montgomery County on Safe Routes to School Activities	1/1/2022	Join Montgomery County by developing a collaboration agreement with Montgomery County and MCPS.	Ongoing	<p>The MOU with Montgomery County has been delayed due to the Covid emergency. Staff has met with the County to determine what can be done in the meantime and will continue to promote the opportunities they provide.</p> <p>Staff coordinated with the Montgomery County Safe Routes to School coordinator to present the program and opportunities for collaboration with the Rockville Bicycle Advisory Group and the Traffic & Transportation Commission.</p> <p>Staff is also supporting the upcoming Bike to School Day event for two Rockville Elementary Schools, providing flyers, banners, and Rockville Vision Zero branded clip lights for students.</p>
	7/1/2022	Evaluate the effectiveness of our outreach efforts, reevaluate actions per the findings of the crash analysis, and continue to coordinate with Montgomery County Public Schools (MCPS).	Ongoing	<p>Due to the Covid emergency and the lengthy absence of students physically commuting to school, staff will reevaluate the effectiveness of our outreach efforts and look into opportunities to implement safe routes to school activities for school-aged children.</p> <p>The City encourages students to share their experiences on the Vision Zero survey as well as the Pedestrian Master Plan survey.</p>
18. Join Montgomery County's On-bike Education Programs for Kids	1/1/2022	Join Montgomery County by developing a collaboration agreement with Montgomery County and MCPS.	Ongoing	<p>The MOU with Montgomery County has been delayed due to the Covid emergency.</p> <p>The Rockville Bicycle Advisory Committee has collaborated with the Montgomery County Safe Routes to School Coordinator in order to pilot a bicycle-rodeo/bicycle education efforts at Beall Elementary School.</p> <p>Staff has worked with Beall Elementary School to provide additional bicycle racks for students.</p>

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	7/1/2022	Evaluate the effectiveness of our outreach efforts, reevaluate actions per the findings of the crash analysis, and continue to coordinate with Montgomery County Public Schools (MCPS).	On-schedule	Staff will continue to look into opportunities to promote on-bike education activities and biking related events, such as Bike to School Day, for school-aged children.
19. Safety Awareness Training for City Employees	7/1/2021	Develop education materials and provide information to City staff.	Complete	<p>Staff coordinated with HR to distribute materials to new employees so that they understand the City's commitment during orientation. HR staff has also provided special training ("Toolbox Talks") to members of Public Works who spend much of their time in the field.</p> <p>Staff is also working to develop/find a Vision Zero related traffic safety information sheet that can be incorporated into materials for new employees.</p>
20. Training in the Community	7/1/2021	Create outreach materials and identify community partners.	Ongoing	<p>Electronic copies of the Vision Zero factsheet flyers were shared (in Spanish and English) with civic associations, HOA's, faith-based organizations, schools, and some Black and Hispanic organizations in the area. Paper flyers were also placed inside the mailed kits sent to volunteers for the days of service organized by the City. Staff is coordinating with the Public Information Office to repeat and re-share the Vision Zero flyer information.</p> <p>Staff is participating in the upcoming "Bike to Work Day" event and will distribute bicycle maps and Rockville Vision Zero branded bicycle and clip lights. This is another opportunity to share information with the community.</p> <p>Staff continue to explore opportunities for reaching the community, especially community groups who face a disproportionate safety risk.</p>
	7/1/2022	Evaluate the effectiveness of our outreach efforts and reevaluate actions per findings of the crash analysis.	On-schedule	Staff will review effectiveness of outreach materials in reference to the results of the crash analysis and recommend further refinements for improved outreach.

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21. Appoint Vision Zero Coordinator	7/1/2020	Serve as an initial point of contact and overseer of action item implementation.	Complete	A Principal Transportation Planner was hired in August 2021. This person's work program includes coordinating the Vision Zero Program and the city's pedestrian and bicycle transportation efforts.
22. Establish Cross Departmental Vision Zero Task Force	7/1/2021	Provide coordination among City departments while implementing action items.	Complete	The Vision Zero Task Force was created in March 2020 and has met quarterly since the adoption of the Vision Zero Action Plan in July 2020. Working groups were established from this task force to focus on implementing specific action items.
23. Change Policies, Regulations, and Laws	7/1/2022	Review existing laws, policies, and regulations to identify specific changes per the findings of the crash analysis.	On-Schedule	Staff continues to review policies, regulations, and practices for opportunities to further Vision Zero goals. Many of the pedestrian related policies will be reviewed and updated as part of the Pedestrian Master Plan.
24. Ensure Fairness and Equality Throughout Vision Zero Projects	ongoing	Review all Vision Zero projects and strategies during the entirety of implementation to ensure fairness and equality are met.	Ongoing	Staff continues to carry out action items through the lens of equity and fairness. This includes assessing the needs of all people traveling different modes and providing an opportunity for people to achieve equal outcomes and not only be provided equal opportunities.
25. Create Vision Zero Webpage	7/1/2021	Finalize the design of the Vision Zero webpage.	Complete	This website is regularly updated to include the most recent Vision Zero program updates and status reports, descriptions and photos of ongoing and recently completed projects, and a "near-miss questionnaire" . The collected data will be reviewed alongside crash data as part of the annual crash analysis. Staff also coordinates with the Public Information Office to develop a "bang-the-table" Vision Zero website, which can better organize online materials and provide additional opportunities for public engagement when necessary.
26. Publish Collision Data	Ongoing	Publish crash data findings and analysis on the city's Vision Zero webpage upon completion of the crash data analysis.	Ongoing	Up-to-date crash data collected by the County is regularly updated on the County's Open Data Portal website and is available to the public. The city's Vision Zero website includes links to this information.

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27. Improve Crash Data Collection	10/1/2021	Review crash data collection following the initial crash analysis.	Ongoing	Staff examined the methodology of the County's crash dataset and continues to look into opportunities to collect more qualitative data. Data collected during a crash is compiled in the Automatic Crash
		Provide initial outreach with Montgomery County, and continue coordination throughout data collection.	Ongoing	Staff meets with Montgomery County regularly to share data findings and opportunities for additional data analysis.
28. Coordinate with Peer Learning Opportunities	ongoing	Provide initial outreach to other Vision Zero Communities and organizations.	ongoing	Staff continues to coordinate with Montgomery County and Maryland Department of Transportation on Vision Zero actions through its Vision Zero Coordinators with the Department of Transportation and Planning Department. Additionally, staff attends the Bicycle and Pedestrian Subcommittee of the Washington Metropolitan Council of Governments.
29. Update Traffic Safety Programs	7/1/2022	Complete the review of the city's existing traffic safety programs and policies per the findings of the crash analysis.	on-schedule	Staff continues to review policies and programs as related to other transportation and development activities. Additionally, staff will work with the RCPD to identify other programs that can be implemented to advance traffic safety, such as crosswalk enforcement.
	7/1/2023	Identify and prioritize specific changes.	on-schedule	Staff will identify traffic safety programs that can be implemented through the Vision Zero program.
30. Procure Safer Vehicles	7/1/2021	Adopt new fleet purchasing policy.	Complete	Staff has reviewed the fleet replacement policy and recommended additional language to the Fleet Vehicle Replacement Schedule of the FY23 Budget.