

2026 Action Spots Analysis

Purpose

The 2021 [Vision Zero Action Plan](#) states under *Action Item A3: Annual Crash Analysis* that the Vision Zero team will perform reviews of all reported crashes to identify individual intersections or locations that experience high numbers of crashes with the target to implement short term crash mitigation measures. We call these: Vision Zero Action Spots.

The Action Spots initiative investigates patterns in the geographic locations of crashes over a three-year period. Action Spots are identified for vehicle, bicycle, and pedestrian crashes. County staff review each location and identify/add safety improvements that will reduce crashes.

What happened to “Hot Spots”?

Prior to 2025, [Vision Zero Action Spots](#) were referred to as "Hot Spots." The initiative used a five-year crash history to flag about 60-70 intersections for evaluation over a two-year period. The analysis now runs on an annual cycle using three years of data to identify about 20 locations that don't have upcoming projects scheduled. The shorter timeframe allows the program to keep up with changing crash patterns and address locations that are not already in the project pipeline.

Methodology

The analysis investigates patterns in the geographic locations of crashes that occurred from November 2022 through February 2026 (latest data available at the time of the analysis). Since the analysis seeks to identify potential locations for County-led engineering safety treatments, the identification methodology excludes alcohol or drug involved crashes, as well as any location on a highway-to-highway ramp

For this analysis, all crashes were connected (or tagged) to the intersections at which they occurred. If a crash did not occur at/near an intersection or midblock crossing, it was not connected to the intersection for analysis. Intersection buffers were reviewed to ensure proper crash tagging.

The overall methodology identifies and ranks locations based on an average of (1) rank for the total amount of crashes and (2) rank of crashes weighted by severity. To evaluate locations by crash severity, the following weights were applied:

- Fatal + Severe = 50
- Moderate Injury/Visible Injury = 20
- Minor/Nonvisible injury = 10
- Property Damage Only = 1

The methodology then included the following considerations and filters:

- For the overall ranking, the analysis filtered out any location with 5 or fewer crashes and flagged the top 45 ranked locations for consideration.
- Additional bike and pedestrian crash analysis flagged any location within 3 or more bike or pedestrian crashes for consideration (regardless of total number of crashes or crash weight).
- County staff then reviewed the flagged locations to **confirm Action Spots**.
 - Exclusions: Any location with a recent, current, or upcoming project.

Results

Table 1 on the next page lists all intersections identified using the methodology above (Action Spots are highlighted in blue). The bullets below explain the table headers and contents.

- Mode:
 - All = Flagged the top locations using the overall ranking methodology for crashes that occurred Jan 2023 - Feb 2026.
 - Ped = Flagged as having 3 or more pedestrian crashes from Jan 2023 - Feb 2026.
 - Bike = Flagged as having 3 or more bike crashes from Jan 2023 - Feb 2026.
- Location:
 - Shares the intersecting streets, Traffic Control Type at the Intersection, and Ownership of the Intersecting Roadways (if at least one of the connecting road approaches is owned by Virginia Department of Transportation (VDOT), the intersection is shown as VDOT ownership)
- Equity Area:
 - Identifies intersections that are within an [Equity Emphasis Area](#).
- Crash Data:
 - Fatal Injury = Fatal injury crashes from Jan 2023 - Feb 2026
 - Sev. Injury = Severe-injury crashes from Jan 2023 - Feb 2026
 - Vis. Injury = Visible-injury crashes from Jan 2023 - Feb 2026
 - Poss. Injury = Nonvisible/possible injury crashes from Jan 2023 - Feb 2026
 - Prop. Damage = Property damage only crashes from Jan 2023 - Feb 2026
 - Total Crashes = Total crashes (sum of fatal injury, severe injury, visible injury, non/visible injury, and property damage only crashes) from Jan 2023 - Feb 2026
 - Ped Total = Total pedestrian crashes from Jan 2023 - Feb 2026
 - Bike Total = Total pedestrian crashes from Jan 2023 - Feb 2026
- Designation:
 - 1 – 2026 Action Spots = Locations where there is currently no previous or upcoming action planned, prompting in depth review and next step recommendations
 - 2 – Existing Project = There is already a recent, active, or upcoming project at the intersection. Projects may be capital projects being administered by the County, redevelopment projects being administered by a private developer, or state-funded projects being administered in coordination with VDOT. See links for each project for more information
 - 3 – External Coordination = Locations involving limited access roadways outside of Arlington’s purview, for which we will coordinate with the roadway owners to help identify next steps for the location

Table 1: Three-Year Crash Spatial Patterns Results Summary

Mode	Location Description (Traffic Control Type, Jurisdiction)	Equity Area	Fatal Injury	Sev. Injury	Vis. Injury	Poss. Injury	Prop Damage	Total Crashes	Ped Total	Bike Total	Designation 1= 2026 Action Spot 2 = Existing Project 3 = External Coordination
All	Richmond Hwy & Marshall Dr (Stop-controlled, VDOT)	N		1	12	2	14	29			3 - External Coordination
All Ped	Richmond Hwy & 23rd St S (Signalized, VDOT)	Y		1	10	4	8	23	9		2 - Existing Project (Action Spot Follow Ups)
All Ped	George Mason Dr & S Four Mile Run Dr (Signalized, Arlington County)	Y		2	8		15	25	4	1	2 - Existing Project (Intersection Study)
All	Hayes St & Army Navy Dr (Signalized, Arlington County)	Y			9	3	38	50	1		2 - Recent Project (Army Navy Complete Streets)
All	S Walter Reed Dr and S Courthouse Rd (Yield, Arlington County)	Y			10	3	23	36			2 - Existing Project (NV-23-06: US Route 50/Arlington Boulevard and VA Route 27/Washington Boulevard)
All	Langston Blvd (EB) & Lynn St (Signalized, VDOT)	Y			11		27	38	2	1	2 - Existing Project (1901 N Moore St Site Redevelopment)
All	Langston Blvd & Fairfax Dr (Signalized, VDOT)	N		2	6	2	9	19			2 - Existing Project (Intersection Rebuild)
All Ped	Glebe Rd & Henderson Rd (Signalized, VDOT)	Y		1	7	1	7	16	4	2	2 - Existing Project (Quick-Build Project, Glebe STARS)
All Ped	Washington Blvd & Walter Reed Dr (Stop-controlled, VDOT)	Y			8	1	13	22			2 - Existing Project (NV-23-06: US Route 50/Arlington Boulevard and VA Route 27/Washington Boulevard)
All	Washington Blvd & Quincy St (Signalized, Arlington County)	N		1	6		5	12		1	2 - Existing Project (Action Spot Follow Ups)
All	Arlington Blvd & Irving St (Signalized, VDOT)	Y			7		19	26			2 - Recent Project (Route 50 Tactical), Existing Project (Route 50 STARS)
All	S Glebe Rd & 26th St S/I-395 Ramp (Signalized, VDOT)	Y		1	5	1	5	12		1	1 - Action Spot
All	Washington Blvd & Arlington Blvd RAMP (Yield-controlled, VDOT)	N			5	1	30	36			2 - Existing Project (NV-23-06: US Route 50/Arlington Boulevard and VA Route 27/Washington Boulevard)
All	N Meade St & Arlington Blvd (Eastbound) (Yield-controlled, VDOT)	Y			7		13	20			3 - External Coordination
All	Glebe Rd & Fairfax Dr (Signalized, VDOT)	Y		2	2	2	3	9	1	2	2 - Existing Project (Action Spot Follow Ups)
All Bike	Langston Blvd (Westbound) & Lynn St (Signalized, VDOT)	N			6	2	11	19	1	4	2 - Existing Project (Signal Phasing Modification, Route 29 STARS)
All	RAMP & I-395 (Yield-controlled, VDOT)	Y		1	4		16	21			3 - External Coordination
All	George Mason Dr & Arlington Blvd (Signalized, Arlington County)	N			6	3	4	13	1	1	2 - Recent Project (Signal Upgrade & Improvements)
All Ped	S Glebe Rd & 2nd St S (Signalized, VDOT)	N		1	5		5	11	4		1 - Action Spot
All	Langston Blvd & George Mason Dr (Signalized, VDOT)	N			7	1	4	12	1	1	1 - Action Spot

Mode	Location Description (Traffic Control Type, Jurisdiction)	Equity Area	Fatal Injury	Sev. Injury	Vis. Injury	Poss. Injury	Prop Damage	Total Crashes	Ped Total	Bike Total	Designation 1= 2026 Action Spot 2 = Existing Project 3 = External Coordination
All	Columbia Pike & Dinwiddie St (Signalized, Arlington County)	Y			7		9	16	2		1 - Action Spot
All	Sycamore St & I-66 On Ramp/19th St (Signalized, VDOT)	N		1	4	1	8	14	1	1	2 - Existing Project (Sycamore Complete Streets)
All	S Glebe Rd & Arlington Ridge Rd (Signalized, VDOT)	Y		1	4		9	14	1		2 - Existing Project (Mt Vernon Bridge Project)
All	S Glebe Rd - Midblock (RRFB, VDOT)	Y			7		2	9	2	2	1 - Action Spot
All Ped	Columbia Pike & Walter Reed Dr (Signalized, Arlington County)	Y		1	4		8	13	4		2 - Recent Project (Columbia Pike Multimodal Improvements)
All	10th St N & Barton St (Signalized, VDOT)	Y			6		10	16	2		1 - Action Spot
All	Arlington Blvd & Fillmore St (Signalized, VDOT)	N			6		9	15			2 - Existing Project (Action Spot Follow Ups)
All	Shirlington Rd & Arlington Mill Dr (Signalized, VDOT)	Y			6	1	3	10		1	1 - Action Spot
All	Glebe Rd & Washington Blvd (Signalized, VDOT)	Y			5	1	13	19	2	1	1 - Action Spot
All Ped	Wilson Blvd & N Quincy St (Signalized, Arlington County)	N		1	4		3	8	3		2 - Existing Project (Action Spot Follow Ups)
All Ped	Langston Blvd (Eastbound) & Fort Myer Dr (Signalized, VDOT)	Y		1	4		2	7	3	1	2 - Recent Project (Pilot Project), Existing Project (Fort Myer Dr Improvements)
All Ped	Columbia Pike & George Mason Dr (Signalized, Arlington County)	Y			5	2	6	13	3		2 - Recent Project (Columbia Pike Multimodal Improvements)
All	Wilson Blvd & N Glebe Rd (Signalized, VDOT)	Y	1		3		12	16			2 - Existing Project (Quick-Build Project)
All	Langston Blvd & Washington Blvd (Signalized, VDOT)	N		2	1		6	9	2	1	2 - Existing Project (Capital Project in Coordination with VDOT, Quick-Build Project)
All Ped	Wilson Blvd & 10th St N (Signalized, VDOT)	N		1	3	1	4	9	3		2 - Existing Project (Wilson Boulevard Streetscape Improvements (Virginia Square))
All	Columbia Pike & Greenbrier St (Signalized, Arlington County)	Y		1	3	1	4	9	2	1	1 - Action Spot
All	N George Mason Dr & Arlington Blvd dual with Intersection (Signalized, VDOT)	Y			5	1	8	14	2		2 - Recent Project (Signal Upgrade & Improvements)
All	N Quebec St & N Glebe Rd (None, VDOT)	Y		1	3	1	3	8	1		1 - Action Spot
All Ped	Columbia Pike and S Frederick St (Signalized, Arlington County)	Y		1	3	1	3	8	3	1	1 - Action Spot
All	N Glebe Rd & Cathedral Ln (T - with Stop, VDOT)	Y		1	3		8	12	2		2 - Existing Project (Safety-Driven Capital Improvement Project)
All	Wilson Blvd & Washington Blvd (Signalized, Arlington County)	N			5	1	7	13	2	2	1 - Action Spot
All	S Glebe Rd & 24th Rd S (Signalized, VDOT)	Y	1		2	2	7	12			1 - Action Spot

Mode	Location Description (Traffic Control Type, Jurisdiction)	Equity Area	Fatal Injury	Sev. Injury	Vis. Injury	Poss. Injury	Prop Damage	Total Crashes	Ped Total	Bike Total	Designation 1= 2026 Action Spot 2 = Existing Project 3 = External Coordination
All	Langston Blvd & Spout Run Pkwy (Signalized, VDOT)	Y			4	1	17	22		2	2 - Existing Project (Signal Phasing Modification)
All	15th St S & Eads St (Signalized, Arlington County)	Y			5	1	6	12	2		2 - Existing Project (Action Spot Follow Ups)
All	S Eads St & 23rd St S (Signalized, Arlington County)	Y		1	3		7	11	2		1 - Action Spot
All Ped	Glebe Rd & Pershing Dr (Signalized, VDOT)	Y			3	3	12	18	5		2 - Recent Project (Signal Phasing Modification)
All	Columbia Pike & Jefferson St (Signalized, Arlington County)	Y		1	3		3	7	1		2 - Recent Project (Signal Phasing Modification)
All	Columbia Pike & Courthouse Rd (Signalized, Arlington County)	Y			5		7	12	2		2 - Recent Project (Quick-Build Project, Columbia Pike Multimodal Improvements)
All	19 th St S & S Glebe Rd (T - with Stop, VDOT)	Y		1	3		2	6			1 - Action Spot
All	Columbia Pike & Glebe Rd (Signalized, Arlington County)	Y			4	1	11	16	1		1 - Action Spot
All	S Glebe Rd & Shirlington Rd (Signalized, VDOT)	Y		1	3		1	5			1 - Action Spot
All	Army Navy Dr & Joyce St (Signalized, Arlington County)	Y		1	2		8	11			2 - Recent Project (Army Navy Complete Streets)
All	Langston Blvd & Lorcom Lane (Signalized, VDOT)	Y			4		12	16	1	1	1 - Action Spot
Ped	Fort Myer Dr & 19th St/Key Blvd (Signalized, Arlington County)	Y			5			5	3		1 - Action Spot
Bike	Walter Reed Dr & Four Mile Run Dr (Signalized, Arlington County)	Y			4		9	13		3	2 - Existing Project (S Four Mile Run Dr Complete Streets Project)
Bike	N Quinn St & Langston Blvd (T - with Stop, VDOT)	N		1	2			3		3	2 - Existing Project (Quick-Build Project, Langston Blvd STARS)
Ped	Glebe Rd & Carlin Springs Rd (Signalized, VDOT)	N			4		3	7	4		1 - Action Spot
Bike	Clarendon Blvd & N Scott St (T - with Stop, Arlington County)	N			4		1	5	1	4	2 - Existing Project (Pilot Project, Pursuing Long Term Project)

The analysis detailed above resulted in:

- 20 locations were identified as Action Spots:
 - 2 of these locations were flagged for pedestrian crashes alone
 - 0 locations were flagged for bike crashes alone (all locations with 3+ bike crashes already had projects in planning or implementation stages)
- 35 locations were identified but have recent, active, or upcoming projects:
 - 6 of these projects are Signal Phasing Modifications or Upgrades
 - 7 of these projects are Vision Zero quick-build or pilot safety projects
 - 6 of these are Vision Zero Action Spot Follow ups
 - 6 of these projects are being administered or coordinated with VDOT

Looking at the [Equity Emphasis Areas](#):

- 41 of the 58 flagged locations are in Equity Emphasis Areas
 - 16 of which were flagged for 2025/26 action
 - 25 of which have recent, active, or upcoming projects

Next Steps

Over the next year (mid-2026 to mid-2027), the County will investigate each Action Spot and recommend and install [safety tools](#) from the County's Multimodal Safety Engineering Toolbox. Look out for new projects and tools on the [Vision Zero Program Dashboard](#). Improvements for each Action Spot will be summarized in an Action Summary in mid-2027 on the [Action Spots page](#).