



Program Overview & Update

Department of Environmental Services
Transportation Engineering & Operations

June 2023 – Presentation to Bluemont Civic Association



Agenda

- What is Vision Zero?
- Arlington's Vision Zero Action Plan
- Progress Tracking
- Upcoming Work
- Projects In/Near Your Neighborhood
- How can the community help?
- Q&A



What is Vision Zero?

TRADITIONAL APPROACH

Traffic deaths are **INEVITABLE**

PERFECT human behavior

Prevent **COLLISIONS**

INDIVIDUAL responsibility

Saving lives is **EXPENSIVE**

VS

VISION ZERO

Traffic deaths are **PREVENTABLE**

Integrate **HUMAN FAILING** in approach

Prevent **FATAL AND SEVERE CRASHES**

SYSTEMS approach

Saving lives is **NOT EXPENSIVE**

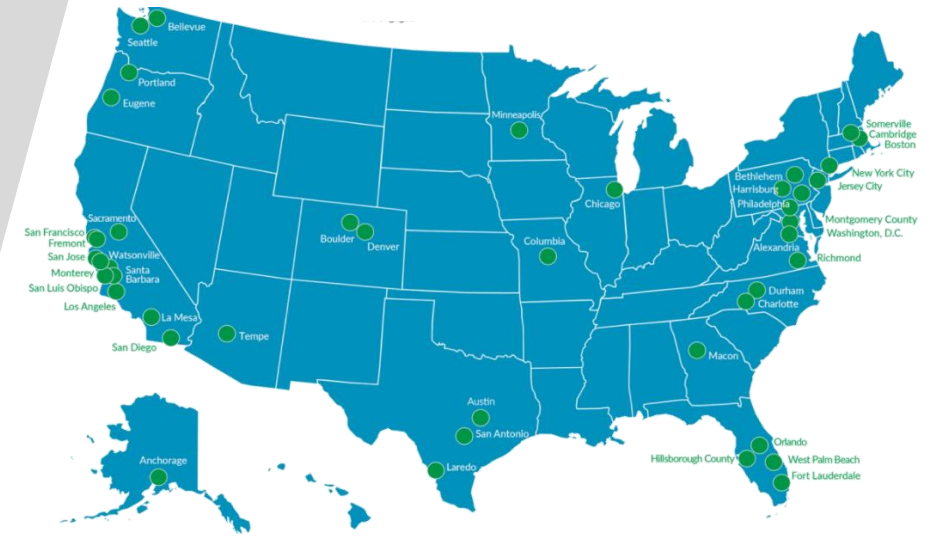
- Focus on preventing serious and fatal crashes.
- See a safety issue in one place and fix everywhere like it (aka – safe systems approach).
- Triage safety issues so that we address our biggest problems first.
- Ensure equity in access to safe transportation.

Vision Zero is:

"a strategy to eliminate all traffic fatalities and severe injuries, while increasing safe, healthy, equitable mobility for all."

- Vision Zero Network

visionzeronetwork.org/resources/vision-zero-cities/



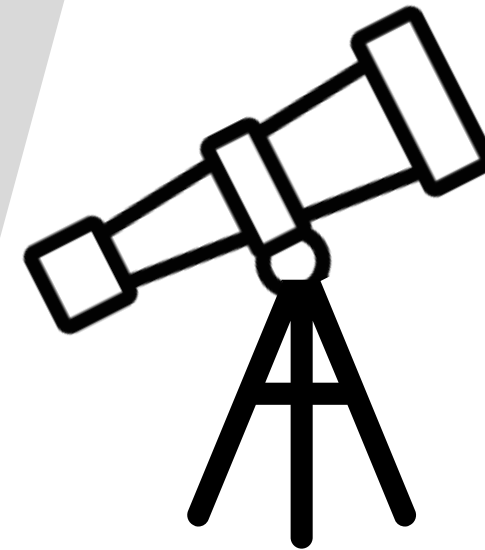
Arlington's Vision Zero Action Plan

In July 2019, the County Board adopted [a resolution](#) committing to Vision Zero and requesting that staff create a Vision Zero Action Plan.

In May 2021, the County Board adopted a Five-Year Action Plan to get us to 0 serious or fatal crashes by 2030. The Action Plan includes:

- An assessment of existing safety needs/areas
- Goals for a safer transportation system
- A list of action items to achieve each safety goal
- A plan for tracking and reporting our progress

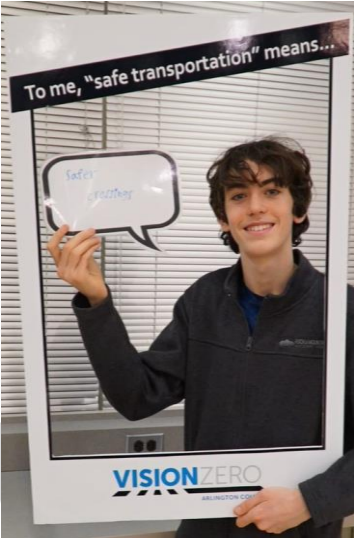
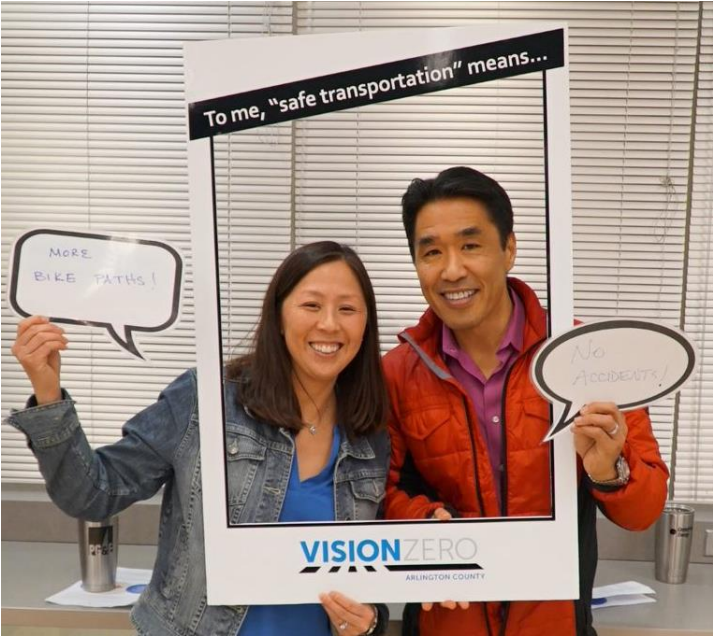
2030



Arlington’s Vision Zero Action Plan: Community-Identified Program Goals



Our Vision Zero Program Will Be...		Community Action Plan Goals
	Multimodal	Ensure safe transportation, no matter how you get around.
	Safety-First	Put safety first on County projects and policies - big or small.
	Transparent & Accountable	Be transparent, responsive, and accountable on Vision Zero progress and outcomes.
	Data-Driven	Apply timely data to take action on safety.
	Collaborative	Promote a culture of transportation safety for everyone.
	Equitable	Prioritize transportation safety investments equitably in the most vulnerable communities.

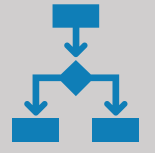


Arlington's Vision Zero Action Plan: 90+ Action Items



A. Data & Evaluation

1. Crash Data
2. Supporting Data
3. Annual Crash Analysis
4. Equity Analysis
5. Critical Crash Reviews
6. Program Reporting
7. Annual Safety Survey
8. Before/After Studies



B. Process & Organization

1. Master Planning
2. Plan/Project Review
3. Safety Project Prioritization
4. Safety Funding
5. Speed Management
6. Guidelines & Standards
7. Safety Toolbox
8. Data-Driven Enforcement
9. Facilities Maintenance
10. Construction



C. Engagement

1. Safety Engagement
2. Accessible Feedback Channels
3. Program Communications
4. Community Knowledge Building



D. Partnerships

1. Interdepartmental Collaboration
2. Virginia Department of Transportation
3. Regional Agency Coordination
4. Legislative Advocacy
5. Stakeholders
6. Service Providers

Arlington's Vision Zero Action Plan: Initiatives

Responsive

Critical Crash Follow Up

Collaborate with an interdepartmental team to identify immediate action to address severe & fatal crash locations (and identify next steps to address similar locations to prevent crashes).

Hot Spot Program

Identify crash hot spots using crash & near miss data and implement safety improvements through quick-build projects.

High-Injury Network Audits

Conduct walking assessments of HIN corridors to identify quick fix/build improvements and ensure future planning efforts consider large scale corridor needs.

Community Report-A-Problem

Respond to safety concerns reported by community members – typically involves an investigation, data collection, and implementation of recommendations.

Proactive

Systemic Improvements

Identify a safety issue in one location, we actively identify and improve other similar locations to prevent crashes.

Equity Analysis

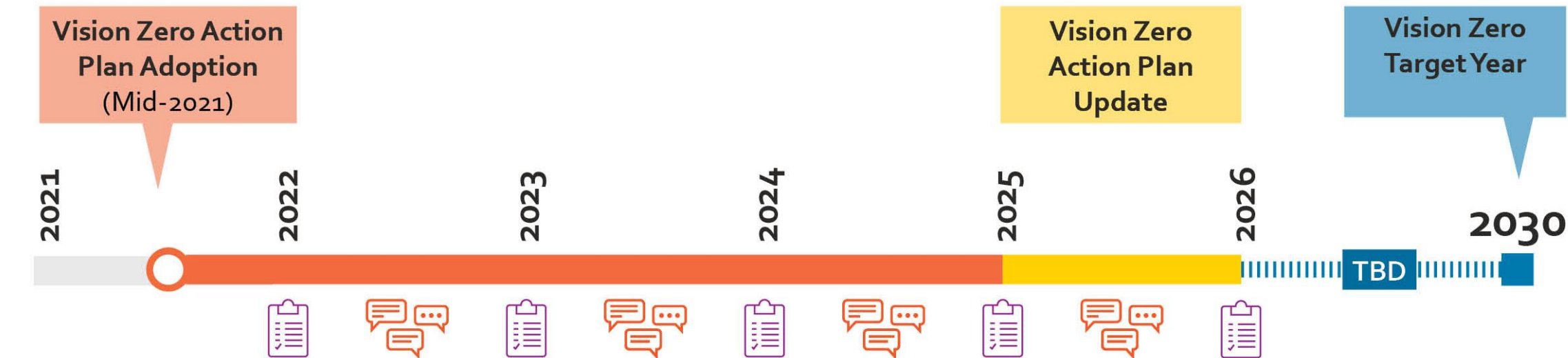
Perform an analysis of transportation safety issues countywide to identify and address areas or people disproportionately affected by crashes.

Community Education

Promote Vision Zero and transportation safety messaging through targeted advertisements and education materials throughout the community.

View the Vision Zero Multimodal Safety Engineering Toolbox to learn about safety treatments being deployed through these initiatives.

Arlington's Vision Zero Action Plan: Implementation Timeline



We will implement action items, review outcomes, and identify next steps in an iterative and collaborative process.

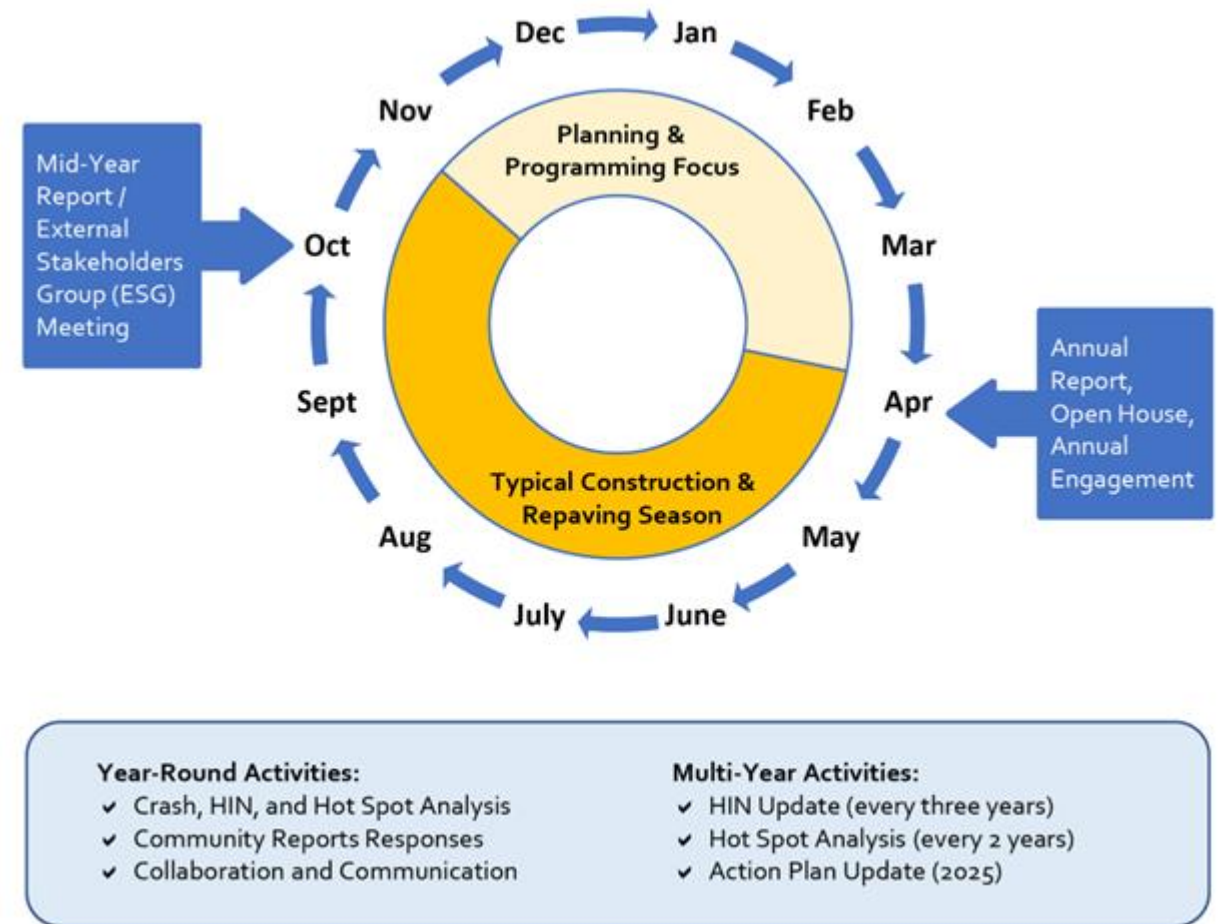
Actions may evolve or change over time. To see which actions we're taking and when, view the **Vision Zero Action Plan** at transportation.arlingtonva.us/vision-zero.

Key

- Annual Report & Public Meeting
- Mid-year Check-in with External Stakeholders Group

Annual Cycle

- **Late fall through early spring:** Planning and programming.
- **Spring through fall:** Implementation of projects through construction and repaving.
- **April:** Release of annual Vision Zero report covering activities and metrics from the previous calendar year, program open house, and safety feedback engagement.
- **October:** Release of the mid-year Vision Zero report covering activities within the calendar year to-date in October, annual meeting of the Vision Zero External Stakeholders Group.
- **Year-round:** Programmatic safety work, such as the crash hot spots program, High-Injury Network safety audits, critical crash reviews, community request response, collaboration, and communication.
- **Every two years:** Hot Spots analysis
- **Every three years:** High-Injury Network update

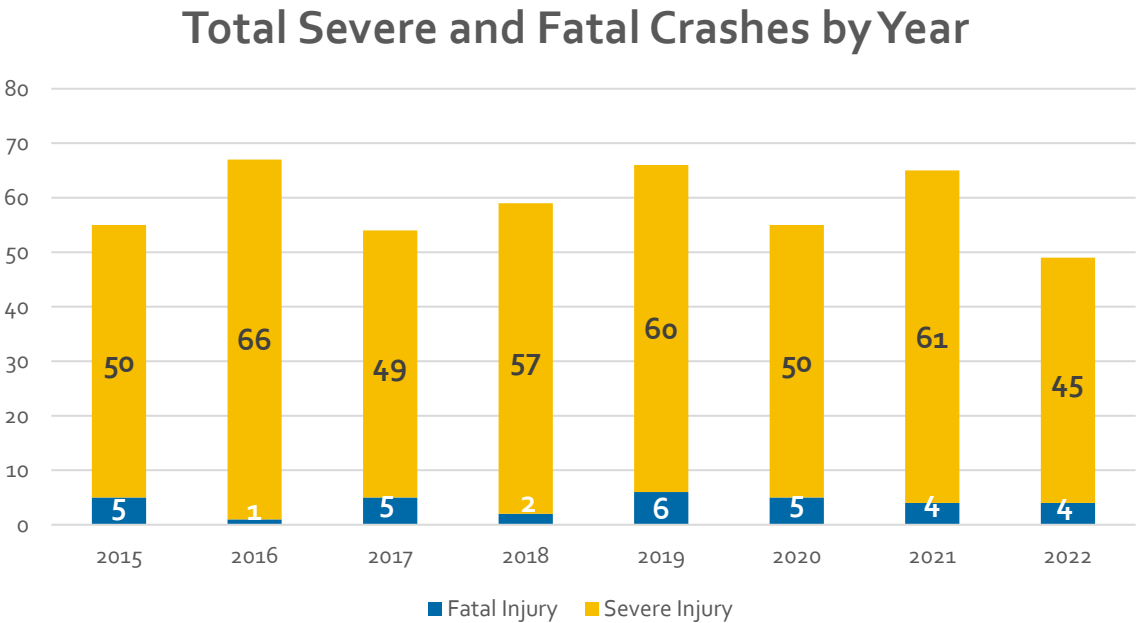


Progress Tracking: Vision Zero Dashboard

Arlington County Crash Analysis - Critical Crashes

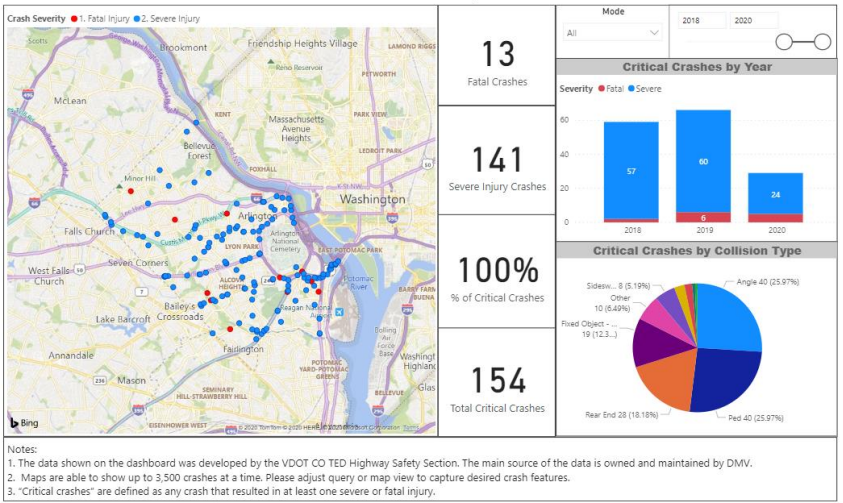
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Crash Data from 1/01/2013 through 8/31/2020



Unofficial year-end estimates show 4 fatal crashes and 45 severe crashes occurred in Arlington in 2022.

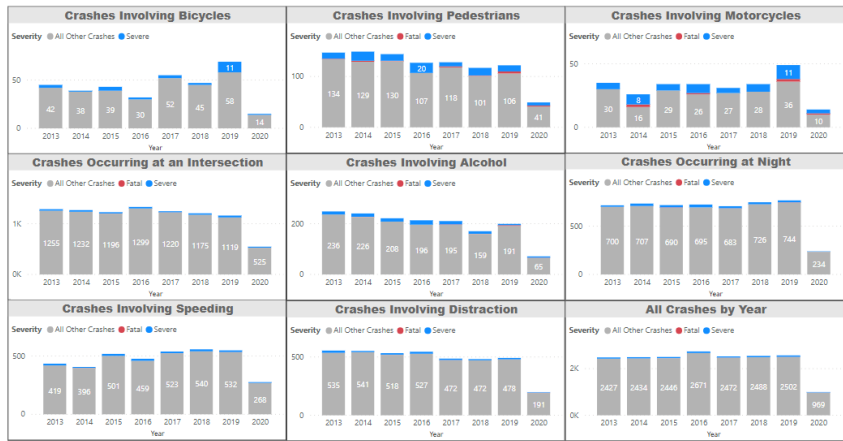
For more crash, [visit the Vision Zero Maps & Data page.](#)



Arlington County Crash Analysis - Trends

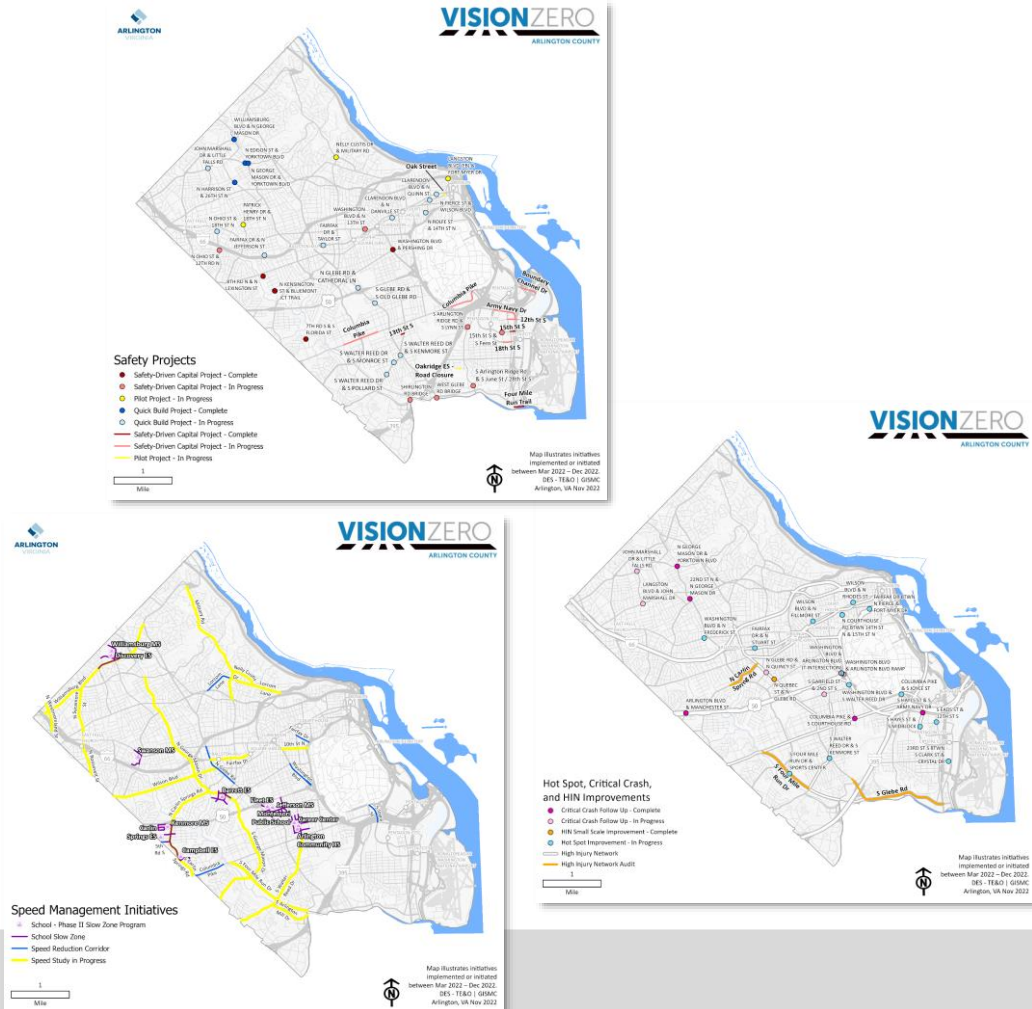
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Crash Data from 1/01/2013 through 8/31/2020



Progress Tracking

For Vision Zero progress updates, visit the [Vision Zero News & Updates page](#).



Conducted **3** High Injury Network safety audits

Reviewed **20** hot spot locations and have **14** hot spot improvements in progress



Made community request tracking publicly available



Reviewed **28** critical crash locations

Implemented **5** improvements, at critical crash locations and have **6** more in-progress



Hosted **40+** classes/events with over **1,180** attendees



Launched a critical crash mitigation campaign that reaches **150,000+** people per month



Responded to over **2,100** public requests from the request for service tool



Sent monthly newsletters to **1,750+** subscribers

Initiated **4** pilot safety project engagements

Inspected **305** car seats

Hired **2** full time Vision Zero Employees

Reviewed **90** maintenance of travel (MOT) plans and **200+** MOT issue requests

Completed **4** quick build projects and **7** safety capital projects

Installed **3.86** miles of new or enhanced bike lanes

Added **40+** Leading Pedestrian Intervals on High-Injury Network Corridors

Reduced the speed limit on **6** corridors

Coordinated with VDOT to identify more than **11** safety initiatives

Coordinated with Arlington Public Schools:
✓ Implemented **2** pilot projects
✓ Planned **12** Slow School Zone demonstration projects

Installed **65** micro-mobility corrals

Shared information through **20+** community & stakeholder groups



Ongoing/Upcoming Initiatives

- Review of hot spot locations
- High-Injury Network safety audits
- Quick build projects
- Safety-driven capital projects
- Speed studies on all roads with speed limits 30mph+
- School slow zones/school zone retrofits
- Safety pilot projects
- Red light cameras
- Preparation to implement speed cameras
- Community engagement and education campaigns
- Response to safety issues submitted via Report-A-Problem



Vision Zero Work In/Near Your Civic Association



- Hot Spots Monitoring – Ongoing
 - N Glebe Rd & N Carlin Springs Rd
 - Added a Leading Pedestrian Interval to improve pedestrian crossing in 2020
 - Assessed impacts of improvement in 2021 and noticed significant improvements
 - N Vermont St/N Park Dr & N Carlin Springs Rd
 - Added a “Cross Traffic Does Not Stop” sign, an in-street pedestrian crossing sign, advanced crossing signage, removed parking to enhance sight lines in 2021
 - Added All-Way Stop in June 2023
 - N Frederick St & Washington Blvd
 - Developed a plan for curb modifications currently being reviewed for permitting by the Virginia Department of Transportation (VDOT)

Vision Zero Work In/Near Your Civic Association



- High-Injury Network Safety Audits
 - N Glebe Rd High-Injury Network Safety Audit – Summer 2021
 - Carlin Springs Rd High-Injury Network Safety Audit – Fall 2022
- VDOT STARS (Strategically Targeted Affordable Roadway Solutions) Study
 - Covering Glebe Rd from I-66 to Columbia Pike
 - Internal kick-off occurred in June 2022
 - Public engagement coming soon

Vision Zero Work In/Near Your Civic Association

Recent school zone updates:

- Barrett Elementary (2023)
- Escuela Key (2022)

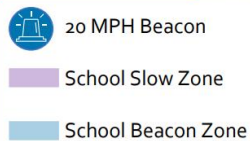
Escuela Key Elementary School Slow Zone

Beacon School Zone

- N George Mason Dr, from I-66 to Wilson Blvd

Static School Slow Zone

- N Edison St, from Wilson Blvd to Fairfax Dr
- Fairfax Dr, from N Buchanan St to N Edison St
- 9th St N, from N Frederick St to N Edison St
- 8th Rd N, from N Frederick St to N Edison St
- 9th St N, from N George Mason Dr to N Burlington St



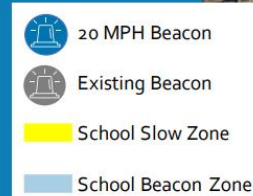
Barrett Elementary School

Beacon School Zone

- N George Mason Dr, from N Park Dr to 4th St N
- N Henderson Rd, from 4th Rd N to beyond N Upton St

Static School Slow Zone

- N Park Dr, from 2nd Rd N to 4th Rd N
- 3rd St N, from Lubber Run Trail to N Henderson Rd



Questions/Notes from the Civic Association

- What is the timing of Carlin Springs Road traffic study?
- Speeding concerns on N George Mason Dr south of Wilson Blvd
- Concerns on Washington Blvd from Glebe Rd to Westover
- Concerns with complexity and safety at N Glebe Rd and Wilson Blvd, incl redevelopment
- Concerns with safety at N Fairfax Dr and Glebe Rd, incl redevelopment
- What is being done to ensure that site plans address traffic safety issues?
- Is there a system for reporting near misses or dangerous intersections?

How can the community help?

Access the Request for Service Portal

Steps to report a problem:

1. Drag & drop the pin to where your safety issue is located
2. Select “Type of Issue” (either identify a specific maintenance issue or select “Transportation/Safety Investigation” if it doesn’t match a category)
3. List your concern(s) and add comments or photos
4. A team member will get back to you shortly


Request for Service

[Sign in](#) or [create an account](#) to receive updates on your request. ✕
We will remember what you've entered here

Location Details Contact Info

Issue Location
Enter the complete address of the issue 🔍

📍 Use My Current Location Or drag and drop 📍 on the map



⊖ ⊕ Map Type: Streets

Next

THANK YOU!

Staff contacts:

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