

VISION ZERO

ARLINGTON COUNTY

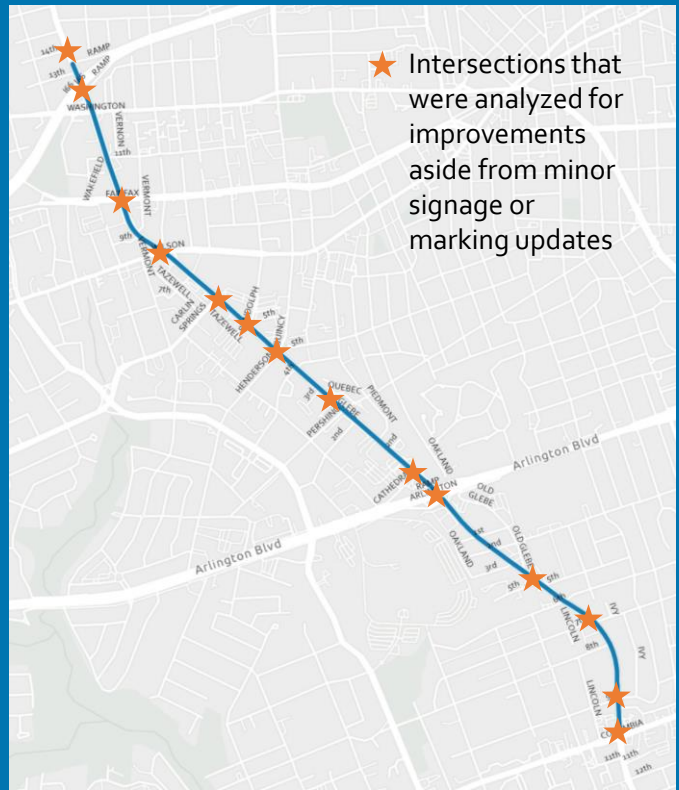
Glebe Rd High-Injury Network Safety Audit Progress Update

Upon adoption of a Vision Zero transportation safety strategy in 2019, Arlington identified its first [High-Injury Network](#) (corridors with concentrations of severe or fatal injury crashes) using [2017-2019 data](#), which included the Glebe Rd from 14th St N to Columbia Pike.

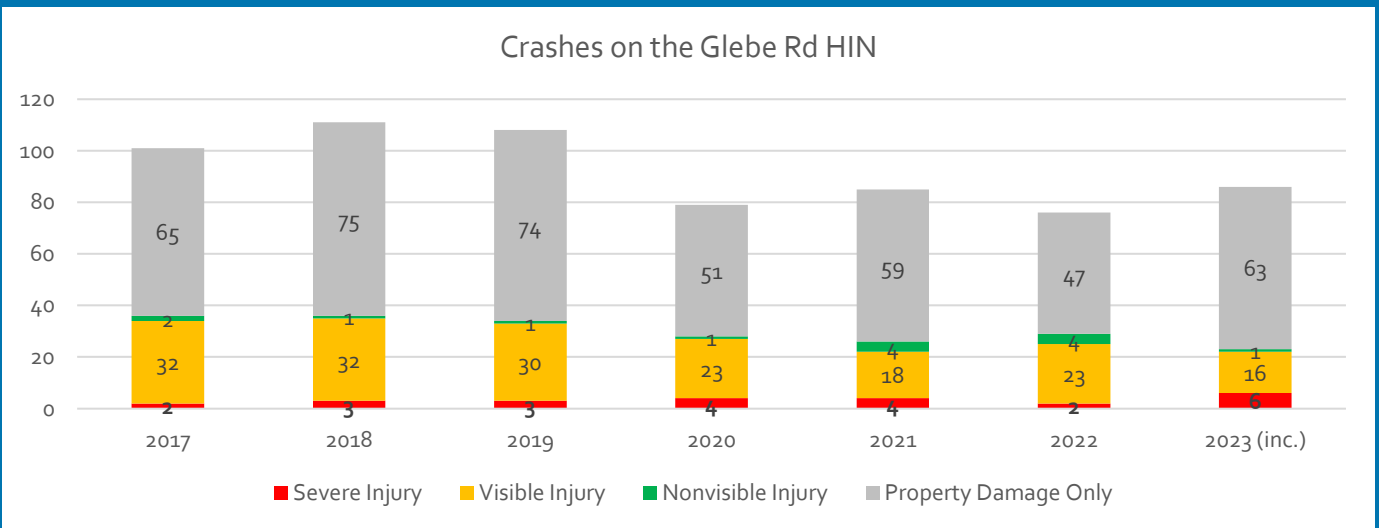
In the summer of 2021, we conducted a safety audit of the Glebe Rd corridor to identify potential safety needs. View the [initial safety audit summary](#) for audit findings and recommendations.

This info-sheet evaluates the County’s progress on the action items and crash trends now that it has been three years since the audit occurred.

[Visit the Vision Zero website to learn more about High-Injury Network safety audits and follow up actions.](#)



Crash Trends 2017 - 2023



These crash trends show crashes from January 2017 through November 2023 (crashes for December 2023 were not available at the time of publication). Overall, crashes along Glebe Rd have decreased since 2020 (likely attributed to reduced traffic volumes during the COVID-19 pandemic). Overall, injury levels have remained about the same. See Page 4 for crashes mapped by mode.

Glebe Rd HIN Safety Audit Progress Update

Status	Location	Issue	Action Taken
In Progress (Major Item)	Corridor-wide	Large scale capital funding needs to update corridor infrastructure	Recommended corridor for a VDOT STARS (Strategically Targeted Affordable Roadway Solutions) Study to develop comprehensive solutions to address safety issues from I-66 to Columbia Pike. The Glebe Rd corridor improvement study began in the summer of 2023. Visit the project page for updates.
Completed	Corridor-wide - At signalized intersections	Routine maintenance	Optimized traffic signals along the Glebe Rd corridor in February 2023.
Completed	I-66 to Arlington Blvd/US-50	Pavement issues, faded/missing crosswalks, and brick pavers in poor condition	VDOT repaved the section between I-66 and Arlington Blvd/US-50 in September 2021.
Completed	I-66 ramp	Pedestrian crash history	Enhanced crosswalk visibility by remarking with high-visibility crosswalks in September 2021. There have been zero pedestrian crashes at this location since 2020.
Completed / In Progress	Washington Blvd	2020 Crash Hot Spot 2024 Crash Hot Spot	Enhanced crosswalk visibility by remarking them as high-visibility crosswalks in September 2021. A traffic signal upgrade project began in 2024 and is anticipated for in 2025. This intersection was identified as a 2024 Hot Spot and will be reviewed through the 2024 Hot Spot program for improvements.
Completed	Washington to Quincy	High vehicle speeds	Reduced speed limit from 30 mph to 25 mph from Washington Blvd through N Quincy St in November 2022.
Completed	Fairfax Dr	2020 Crash Hot Spot 2024 Crash Hot Spot	Remarkered faded high visibility crosswalk markings. Added a protected left turn phase in September 2021. This intersection was identified as a 2024 Hot Spot and will be reviewed through the 2024 Hot Spot program for improvements.
Completed	Wilson Blvd	Right turn crash history 2024 Crash Hot Spot	Remarkered faded high visibility crosswalk markings in September 2021. This intersection was identified as a 2024 Hot Spot and will be reviewed through the 2024 Hot Spot program for improvements.
Completed / In Progress	N Carlin Springs Rd	2020 Crash Hot Spot + pedestrian crash history 2024 Crash Hot Spot	Implemented a leading pedestrian interval. Collected data after LPI was installed during August 2021 which demonstrated that the LPI made it safer for 17% of people who crossed. Implemented "Turning Vehicles Yield to Pedestrians" signs on N Glebe approaches in January 2023. Continuing to assess improvements via STARS Study . This intersection was identified as a 2024 Hot Spot and will be reviewed through the 2024 Hot Spot program for improvements.
Completed / In Progress	N Randolph St	Pedestrian, left turn crash history	Remarkered faded high visibility crosswalk markings in September 2021. Continuing to assess improvements via STARS Study .
Completed / In Progress	N Quincy St/Henderson Rd	Bicycle, pedestrian crash history 2024 Crash Hot Spot	Remarkered faded high visibility crosswalk markings. Continuing to assess improvements via STARS Study . This intersection was identified as a 2024 Hot Spot and will be reviewed through the 2024 Hot Spot program for improvements.
In Progress	Between N Quincy St & N Quebec St	History of crashes in dark conditions	Conducted lighting level studies, determined that the lighting conditions were slightly inadequate, and requested new and updated lighting installations from owner Dominion Energy. They are currently in the process of upgrading the lighting.

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Status	Location	Issue	Action Taken
Completed	N Quebec St	Uncontrolled crossing	Upgraded warning signage and yield markings in February 2022; however, in July 2023, Virginia adopted a new law where drivers must stop (not just yield) for pedestrians in a crosswalk. Staff replaced the yield to pedestrian signs with "stop for pedestrians" signs and removed yield markings.
In Progress	Between N Piedmont St & Cathedral Ln	History of crashes in dark conditions	Conducted lighting level studies and determined that the lighting conditions were slightly inadequate. Dominion Energy maintains the lighting, and the county requested new and updated lighting installations. Dominion Energy is currently in the process of upgrading the lighting.
Closed	Area btw Quebec & Pershing	History of left turn crashes	Analyzed opportunities for removing driveway access to eliminate left turn conflicts. There were no possible actions to address issues without cutting off access.
In Progress	Cathedral Ln	History of bike and left turn crashes 2024 Crash Hot Spot	Initiated a quick-build safety project to rebuild curbs and enhance the intersection. Due to complex design needs, the project was elevated to a capital project, which is being coordinated with VDOT. This intersection was identified as a 2024 Hot Spot and will be reviewed through the 2024 Hot Spot program for improvements.
Completed / In Progress	Arlington Blvd	2020 Crash Hot Spot 2024 Crash Hot Spot	Enhanced crosswalk visibility by remarking them as high-visibility crosswalks in September 2021. The Arlington Blvd Trail Study investigated improvements at Glebe Rd and Arlington Blvd including potential removal of the right-turn slip lane on the north side of Arlington Blvd. The next step will be programming projects into the capital funding pipeline. This intersection was identified as a 2024 Hot Spot and will be reviewed through the 2024 Hot Spot program for improvements.
Closed	Between 2nd St S & 5th St S	History of crashes in dark conditions	Conducted lighting level studies and determined that the lighting conditions were adequate.
In Progress	S Old Glebe Rd	Uncontrolled crossing / wide intersection	Planned a safety pilot project at this location to use a bus platform to replace the underutilized right turn lane, which will slow turning vehicles and reduce the crossing lengths. The project will also add a tactical median to remove all left turn conflicts at the intersection. Targeted spring 2024.
In Progress	5th St S	History of pedestrian crashes	Planned tactical curb extensions to shorten the crossing as part of S Old Glebe Rd pilot project. Targeted spring 2024. There have been zero pedestrian crashes since 2020.
Completed	7th St S	History of left turn crashes	Enhanced crosswalk visibility by remarking them as high-visibility crosswalks in September 2021.
In Progress	9th St S	2020 Crash Hot Spot + pedestrian crash history	Cut back obstruction to Rectangular Rapid-Flashing Beacon (RRFB) . Programmed a capital project to improve the intersection. Final design is in progress.
Completed / In Progress	Columbia Pike	2020 Crash Hot Spot 2024 Crash Hot Spot	Added Turning Vehicle Yield to Pedestrian sign. Completed improvements via Segment E of the Columbia Pike Multimodal Street Improvements . This intersection was identified as a 2024 Hot Spot and will be reviewed through the 2024 Hot Spot program for improvements.

