



VISION ZERO ANNUAL REPORT

2021
CALENDAR
YEAR



SUMMARY

In 2017, the Alexandria City Council adopted a Vision Zero Policy and Action Plan to eliminate fatal and severe traffic crashes by 2028. Each year, safety improvements are implemented citywide to work towards this goal and create safer streets for everyone. This report provides an update on progress made during Calendar Year 2021.

2021 AT A GLANCE



10 locations with LED streetlight retrofits



20 crossing improvements at uncontrolled locations



5 locations with Leading Pedestrian Intervals (LPIs) and No Turn on Red restrictions



30 crossing improvements at controlled locations



3 intersections with left-turn crash mitigation treatments



1 speed limit reduction

2021 PROGRESS

In early 2021, the City established a series of project priorities for the year to support Vision Zero. Staff performed dozens of safety improvements at various locations citywide, with a particular focus on high-crash corridors and equity emphasis areas. While some items have yet to be fully completed (e.g. LPIs and No Turn on Reds), the City overperformed on other items (e.g. controlled and uncontrolled crossing improvements). The list of priorities and the progress made for each item is provided below:

Install streetlighting improvements (LED retrofits) at 10 locations

Status: 

Streetlights have been upgraded with LED bulbs at:

Mt Vernon Ave & Bruce St | Mt Vernon Ave & Four Mile Rd | Mt Vernon Ave & Executive Ave | Mt Vernon Ave & Russell Rd | Mt Vernon Ave & W Reed Ave | Commonwealth Ave & W Reed Ave | Commonwealth Ave & Glebe Rd | Commonwealth Ave & Monroe Ave | Commonwealth Ave & Braddock Rd | Glebe Rd & Russell Rd

Install Leading Pedestrian Intervals (LPIs) and No Turn on Red restrictions at 20 key locations

Status: 

LPIs and No Turn on Reds have been installed at:

King St & Park Center Dr | Eisenhower Ave & Metro Rd | Van Dorn St & Taney Ave | Richmond Hwy & Glebe Rd | Duke St and Walker St

Staff continues to implement LPIs and No Turn on Red restrictions at additional locations in calendar year 2022.

Install left-turn crash mitigation treatments on at least 2 high-crash corridors

Status: 

Median extensions have been installed at the following locations to provide refuge for pedestrians and slow the speed of turning vehicles:

Washington St & Cameron St | Washington St & King St | Washington St & Prince St

Install one key sidewalk project near a school, recreation center, senior center, or transit stop

Status: 

Planning activities are underway to address a sidewalk gap on Polk Avenue between Pelham St and Pegram St, near Polk Elementary and Francis Hammond Middle School.

Substantial progress has been made to address a sidewalk gap on Leslie Ave at Glendale Ave, near George Washington Middle School. Design has been completed, outreach has been conducted, utility coordination has been completed, and easement preparation is underway.

Conduct intersection audits at the top 5 KSI intersections in the City and install low-cost, quick installation improvements at each

Status: 

A five-year citywide crash analysis is being finalized, which will inform audit locations.

Perform speed management measures at 2 high-crash or high priority locations

Status: 

The posted speed limit on Seminary Rd between I-395 and the City Limit was reduced from 35 mph to 25 mph. Speed feedback signs are expected to be installed in spring 2022.

Speed feedback signs are also planned to be installed on Glebe Rd between Four Mile Run and Richmond Hwy in spring 2022.

Pilot 1 neighborhood slow zone

Status: 

Staff has conducted neighborhood outreach and kicked off project design.



Ribbon cutting for the new HAWK signal on Braddock Road near Minnie Howard

Prioritize and improve 10 uncontrolled crossing locations with safety countermeasures

Status:

Improvements have been installed at the following locations and include Rectangular Rapid Flash Beacons, high-visibility crosswalks, median refuge areas, curb extensions, improved signage, and a Pedestrian Hybrid Beacon:

Seminary Rd & N Beauregard St | Russell Rd & Charles Alexander Ct | Stevenson Ave & Yoakum Pkwy | Eisenhower Ave & Metro Rd | Lincolnia Rd & Breckenridge Pl | Glebe Rd & Valley Dr | Russell Rd & Glendale Ave | Edsall Rd & Yoakum Pkwy | Van Dorn St & Courtney Ave | Commonwealth Ave & Sunset Dr | Commonwealth Ave & Rosemont Ave | Commonwealth Ave & Linden St | Commonwealth Ave & Maple St | Commonwealth Ave & Walnut St | Commonwealth Ave & Oak St | Commonwealth Ave & Chapman St | Commonwealth Ave & Masonic View Ave | Commonwealth Ave & Myrtle Ave | Commonwealth Ave & Spring St | Braddock Rd & N Early St

Prioritize and install safety improvements at 20 controlled crossing locations

Status:

High-visibility crosswalks were installed at the following controlled locations:

Van Dorn St & Courtney Ave | Van Dorn St & Eisenhower Ave | Van Dorn St (driveways and side streets between Courtney Ave & Stevenson Ave) | Seminary Rd & Colfax Ave | Seminary Rd & Dover Pl | Seminary Rd & Echols Ave | S Pickett St & West End Village Shopping Center | Patrick St & First St | Henry St & First St | Henry St & Montgomery St | Patrick St & Montgomery St | Henry St & Madison St | Patrick St & Madison St | Henry St & Wythe St | Patrick St & Wythe St | Henry St & Pendleton St | Patrick St & Pendleton St | Henry St & Oronoco St | Patrick St & Oronoco St | Henry St & Princess St | Patrick St & Princess St | Henry St & Queen St | Patrick St & Queen St | Edsall Rd & S Whiting St | Stevenson Ave & S Walker St | N Van Dorn St & Taney Ave | N Van Dorn St & Richenbacher Ave/Sanger Ave | King St & Royal St | King St & Fairfax St | Braddock Rd & N Hampton Dr



New pedestrian refuge island on Commonwealth Avenue near King St Metro

ADDITIONAL 2021 WORK

In addition to the established Vision Zero priorities for calendar year 2021, staff also made progress on the following projects that support the City's safety goals:

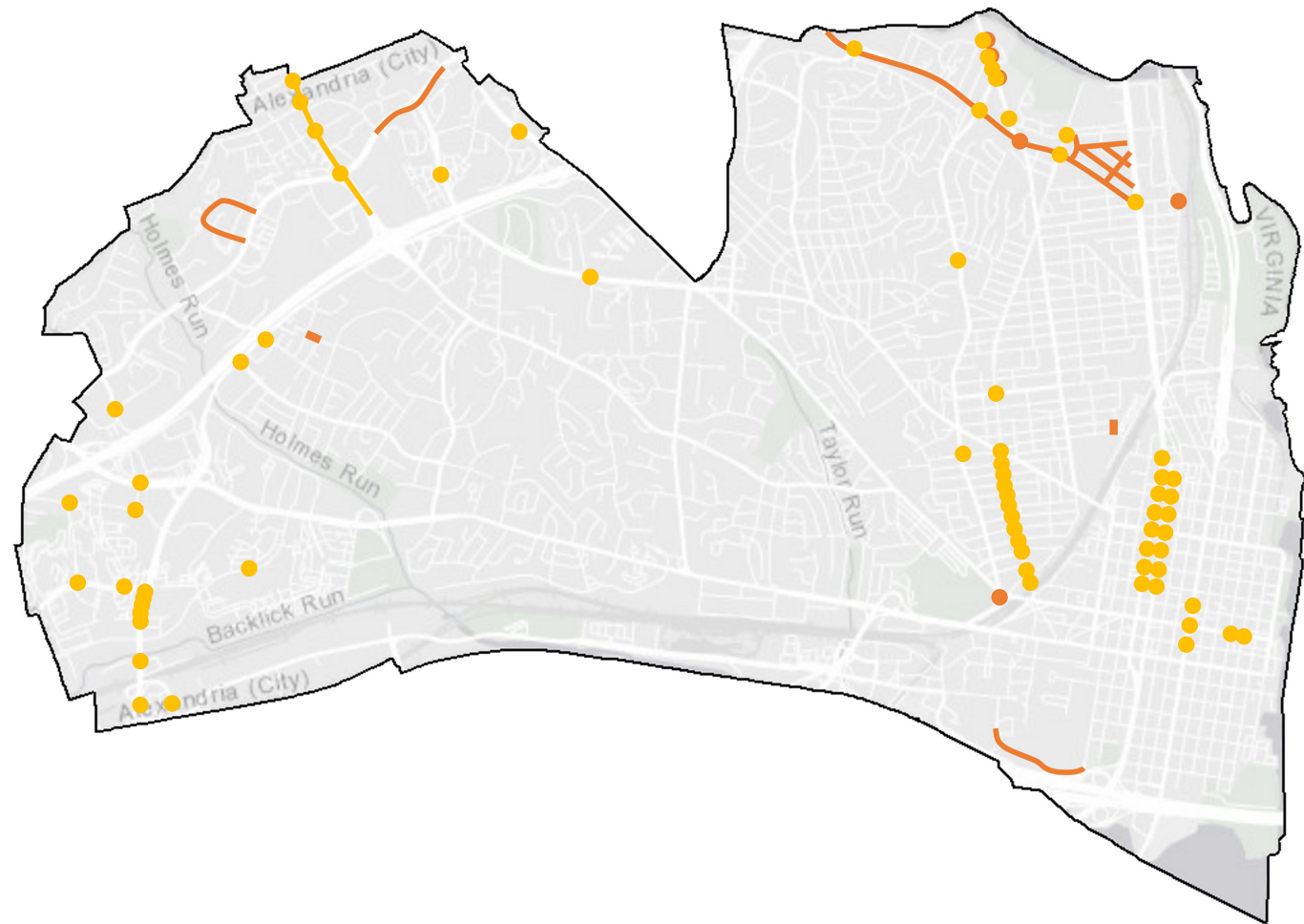
Rayburn & Reading Avenues Complete Streets Project	Completed design for safety improvements near John Adams Elementary	North Beauregard Street Multi-Use Trail Project	Achieved 30% design
King-Callahan-Russell Access to Transit Project	Began utility relocations and procurement process for construction	Crash Data Analysis Report	Developed a five-year analysis of crash trends in Alexandria
Mount Vernon Avenue North Complete Streets Project	Planning and conceptual design underway	Potomac Avenue & Glebe Road Intersection Improvements	Design and outreach underway for safety improvements
Old Cameron Run Trail	Achieved 60% design.	Citywide Spot Improvements	Additional spot improvements requested through Alex311
Safe Routes to School (SRTS) Improvements	Applied for grant funding for SRTS Walk Audits and pedestrian crossing improvements.	Duke Street at S Henry Street and S Patrick Street	Applied for grant funding to design safety improvements at both high-crash intersections.

SEE THE IMPACT

Below is a map of infrastructure improvements completed or progressed in 2021 to support the City's Vision Zero goals:

Legend

- Complete
- In Progress





To learn more
about what the City
is doing to reach
Vision Zero, visit:

**[www.alexandriava.gov/
VisionZero](http://www.alexandriava.gov/VisionZero)**