

Safety Pilot Project

Patrick Henry Dr & 18th St N School Crossing Improvements

- **Project Description:** This pilot project added new school crossing signage, speed signage, and pavement markings intended to (1) reduce vehicle speed traveling on Patrick Henry Dr and (2) increase visibility and awareness of people crossing at 18th St N. This is a unique location of an uncontrolled school crossing over an arterial (higher volume) roadway. The objective is to test the signage and marking treatments and determine their impact on vehicle speeds and driver yielding behavior to crossing pedestrians.
- **Safety Need:** This intersection was identified in coordination with Arlington Public Schools in 2021 when Cardinal Elementary, a new neighborhood school, opened and generated more pedestrian activity across Patrick Henry Dr. Data collection on Patrick Henry Dr confirmed speeding concerns cited by the community and led to this pilot project.
- **Pilot Timeline:**
 - Collect "before" condition speed and yield rate data in March 2022
 - Begin pilot in April 2022 for an anticipated minimum six-month evaluation period
 - Monitor conditions and collect "after" condition speed and yield rate data during pilot
 - Apply findings from the pilot analysis to determine whether to add this same treatment countywide at all uncontrolled school crossing locations on arterial streets.
- Visit arlingtonva.us/visionzero for more information on Vision Zero and Safety Pilot Projects.

