

Hardened Centerlines Safety Pilot

What are hardened centerlines?

Hardened centerlines are small raised bumps placed along the yellow centerline at an intersection. They are designed to make intersections safer for pedestrians by encouraging drivers to make left turns at slower speeds.

What are the safety benefits of hardened centerlines?

- Slowing left-turning vehicles without reducing traffic capacity.
- Guiding vehicles to wider turning angle for safer and more predictable turns.
- Increasing visibility of pedestrians in crosswalk to turning drivers.

Where will the hardened centerlines be located?

- Clarendon Blvd at N Rhodes St
- Fairfax Dr at N Randolph St
- Columbia Pike at S Dinwiddie St
- Columbia Pike at S Four Mile Run Dr
- S Kenmore St at 24th St S

How did we select pilot locations?

Pilot locations were identified through crash hot spot reviews or other crash analysis that showed locations experiencing left turn crash patterns.

How will Arlington assess the impacts of the pilot?

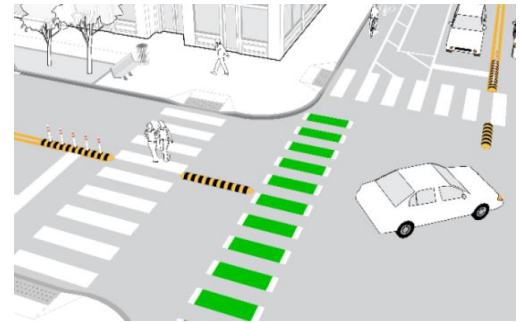
We are assessing the following performance measures for the before and after conditions at each location:

- Motorist turning speeds
- Vehicle position (whether the wheel touches the centerline / lane placement)

What is the anticipated timeline for the pilot?

2024			
Early Spring: Install Devices	Late Spring: Collect Data	Summer: Monitor & Collect Feedback	Fall: Next Steps

Visit the [Vision Zero Safety Pilot Project page](#) for updates.



Reducing speed reduces severity...

Hit by a vehicle traveling at **20MPH**



9 out of 10 pedestrians survive.

Hit by a vehicle traveling at **30MPH**



5 out of 10 pedestrians survive.



Examples of centerline hardening devices in other jurisdictions

