

Virginia Highway Safety Improvement Program (VHSIP) Proactive Systemic Initiatives for VDOT Owned/Maintained Roads: Pedestrian Crossings



High visibility crosswalk with RRFB and median refuge island.



Improvements for signalized pedestrian crossing.

VDOT works hard to provide a roadway network that operates safely, efficiently, and effectively. In 2019, the Commonwealth Transportation Board approved the deployment of highly effective, low-cost safety improvements to help reduce serious injury and fatal crashes across the Commonwealth. This data-driven strategy focuses on proactively targeting locations with higher crash risk. The goal is not to wait for crashes to occur before we proactively treat high-risk locations on the roadway network!

Everyone is a pedestrian at some point in their day, but unfortunately pedestrian crashes comprise a large proportion of Virginia's fatal crashes. Research has shown that enhanced crosswalk visibility can reduce pedestrian injury crashes up to 40 percent.¹ Through the **Pedestrian Crossing** initiative, VDOT is funding pedestrian crossing enhancements at all VDOT traffic signals identified within the *first version* of the [Statewide Pedestrian Safety Action Plan \(PSAP\)](#).

The focus of this initiative is to enhance pedestrian safety by installing and/or upgrading signalized pedestrian crossings. The typical improvements that can be considered for installation include: new or retrofit marked crosswalks, pedestrian signal heads with pedestrian countdown signals, Accessible Pedestrian Signals (APS) and Accessible Pedestrian Signal Detector (APD), and ADA-compliant curb ramps (if ramps are not currently present). All VDOT traffic signals located on the pedestrian priority corridors and crash clusters that are identified in VDOT's Pedestrian Safety Action Plan are eligible for treatment.

For any questions on inquiries on VHSIP, please email: hsiprogram@vdot.virginia.gov

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¹ <https://safety.fhwa.dot.gov/provencountermeasures/crosswalk-visibility.cfm>