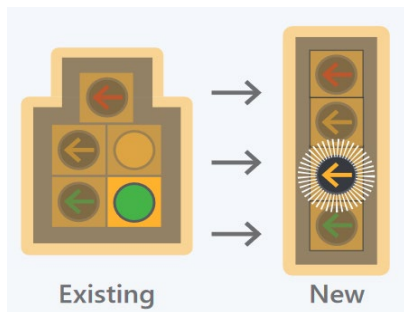


## Virginia Highway Safety Improvement Program (VHSIP) Proactive Systemic Initiatives for Locally Owned/Maintained Roads: Flashing Yellow Arrow



*Example of a 5 to 4-head traffic signal conversion using a flashing yellow arrow*



*Flashing Yellow Arrow Installation in Virginia*

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!

**Flashing Yellow Arrow (FYA)** is a traffic signal indication for left turns that allows a driver to proceed when oncoming traffic is clear.<sup>1</sup> Research has shown that drivers are 20% less likely to crash when turning left at a signal with FYA.

Local agencies may apply for FYA implementation funding for eligible traffic signals through the Virginia Highway Safety Improvement Program (VHSIP). The

preferred FYA type is a traditional four-section head. Eligible FYA installations include retrofits of existing permissive left-turn phasing or protected-permissive left-turn phasing only. Protected-only left-turn phasing conversions to FYA are not eligible for funding as part of this initiative. Lower-cost FYA implementation locations will be prioritized for funding under this initiative, however locations requiring signal equipment or signal structure/pole upgrades are eligible for this round of FYA installation funding.

Local projects will be selected and funded based on a variety of criteria, including return on investment (ROI), a project's potential to meet Virginia's Highway Safety Investment Strategy goals, and project scope and feasibility.

Localities shall follow the locally administered project procedures described in the [LAP Manual](#)<sup>2</sup>. All contract work is required to be eligible for federal funding.

**For any questions on inquiries on VHSIP, please email: [hsiprogram@vdot.virginia.gov](mailto:hsiprogram@vdot.virginia.gov)**

**VHSIP offers email notifications. Sign up to be notified of revised guidance, program updates, training opportunities, and more! Listserv Sign-up link: <http://eepurl.com/hY1DSj>**

<sup>1</sup> [https://www.virginiadot.org/projects/resources/NorthernVirginia/Flashing\\_Yellow\\_Arrow\\_General\\_Information.pdf](https://www.virginiadot.org/projects/resources/NorthernVirginia/Flashing_Yellow_Arrow_General_Information.pdf)

<sup>2</sup> [https://www.virginiadot.org/business/locally\\_administered\\_projects\\_manual.asp](https://www.virginiadot.org/business/locally_administered_projects_manual.asp)