

WORK ZONE SPEED SAFETY CAMERAS - VDOT UPDATE

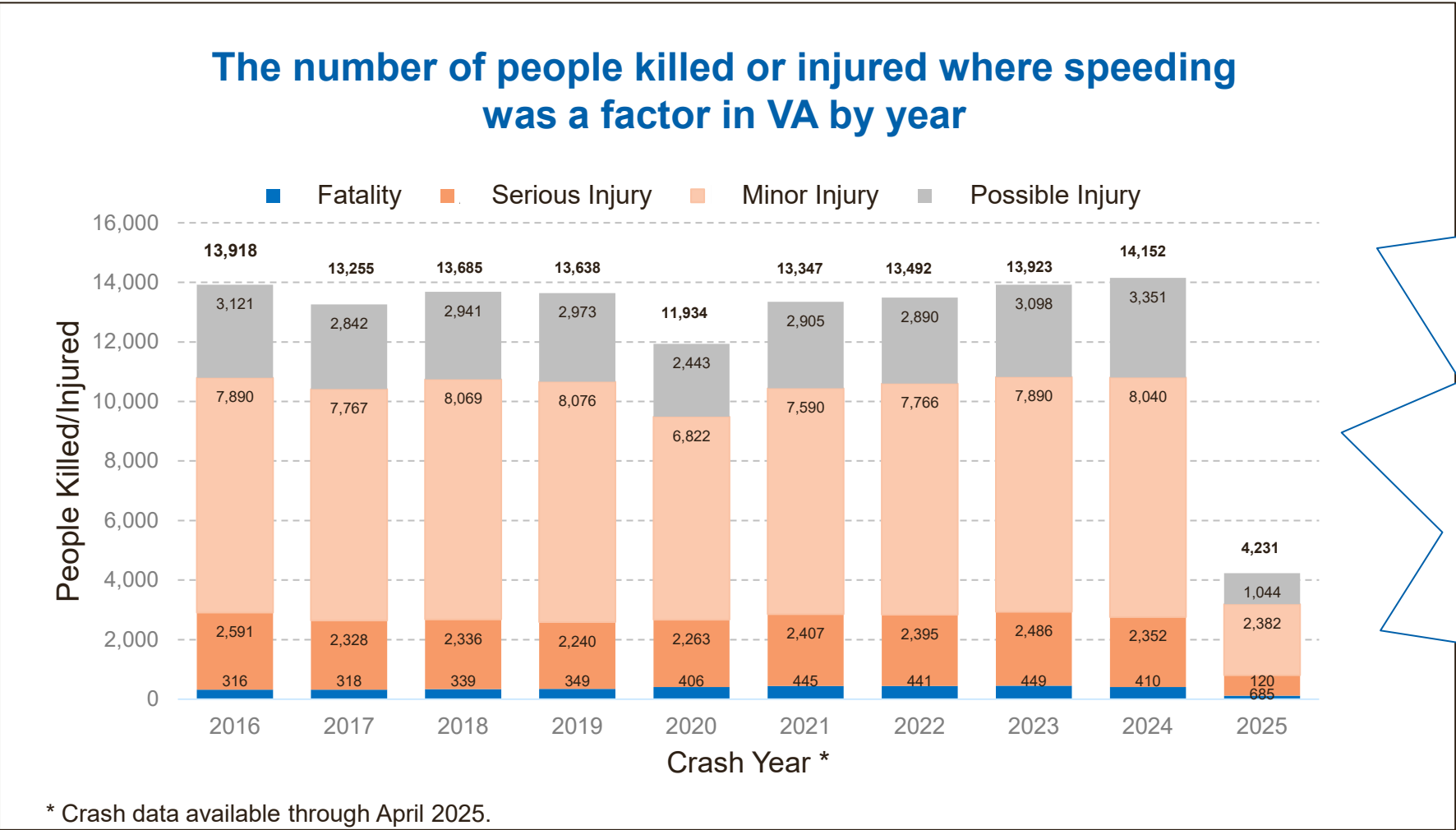
Virginia State Crime Commission Meeting

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August 19, 2025

Impact of Speeding on Crashes



45% of fatal crashes in VA are speed related

Interstate Speed Analysis 2024

Percent Vehicles Exceeding Speed Limit by 10 MPH+



0% 71%

- 67% of vehicles exceed the Speed Limit
- 18% exceed by 10 mph or more
- 2% are reckless
- Speeding is most prevalent on Sundays, 5-7 am

Speeding in Work Zones (WZs)

- **Speeding in Virginia WZs:**
 - Contributes to 31% of crashes and 42% of fatalities/serious injuries.
 - 1,143 speeding-related WZ crashes in 2024, including 7 fatalities.
- **WZ safety is critically important:**
 - Workers often only have cones or drums separating them from traffic
 - Elevated crash risk for road users
 - WZ crashes may cause significant delays and/or secondary crashes

Virginia Law, § 46.2-882.1 Use of Photo Speed Monitoring Devices

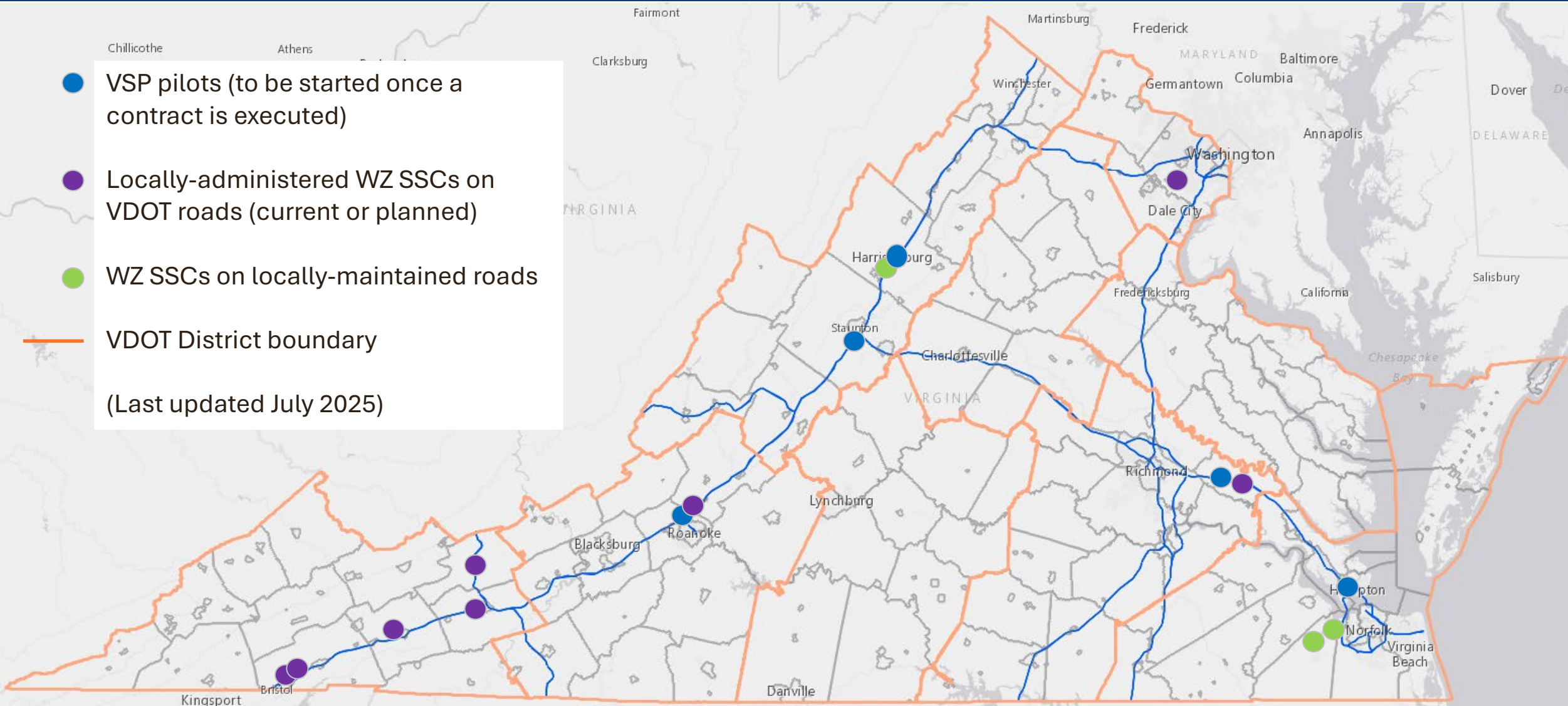
- **Speed Safety Cameras (SSC)s may be operated:**
 - **in work zones when workers are present**
 - *Also allowed in school crossing zones when blinking sign is activated, and in high-risk intersection segments but not included in this presentation*
- **Citations for speeding > 10 mph above the speed limit**
- **A sign must be placed 1,000 ft in advance of the work zone notifying motorists a SSC is deployed**
- **Revenue from VSP citations directed to state Literary Fund; Revenue from Locality citations goes directly to localities**

Work Zone Interstate SSCs – VDOT / VSP Pilot

- **VDOT/VSP Memorandum of Understanding (MOU) governs the statewide WZ SSC contract for Interstate WZ's**
 - VDOT: funding, technical advisor, identify work zones, and coordinate field implementation
 - VSP role: lead procurement and vendor oversight, review citations, public outreach
- **\$1.5 Million allocated to fund the 5 Pilots which includes contractor cost + VSP Administration + VSP review/approval of each citation.**
- **As per VA law, each citation must be sworn to or affirmed by a law-enforcement officer or a retired sworn law-enforcement officer**
- **Rough estimate is ~ 2M citations per construction season at 5 pilot locations**

Work Zone SSCs – Current/Planned Deployments (July '25)

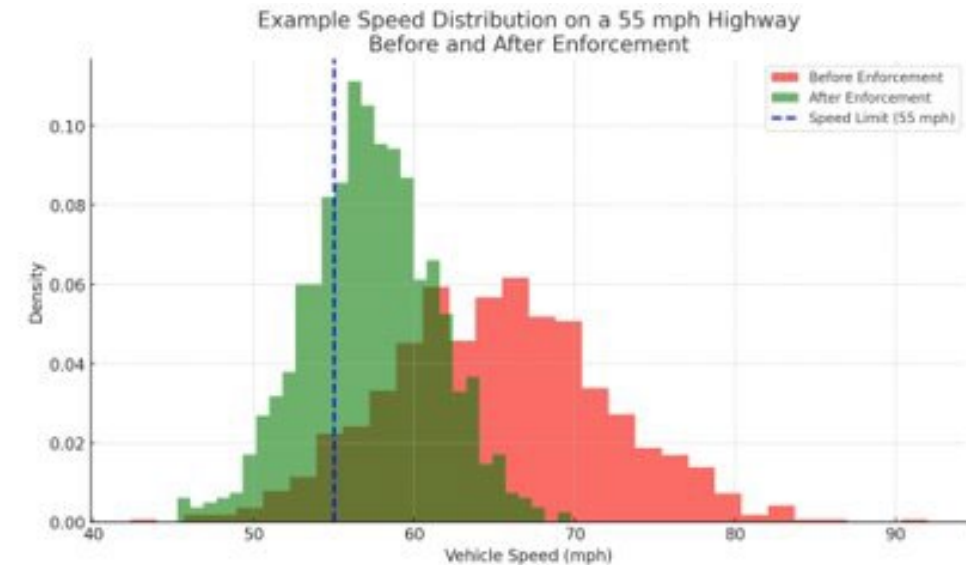
- VSP pilots (to be started once a contract is executed)
 - Locally-administered WZ SSCs on VDOT roads (current or planned)
 - WZ SSCs on locally-maintained roads
 - VDOT District boundary
- (Last updated July 2025)



Evaluation of WZ Pilot SSCs

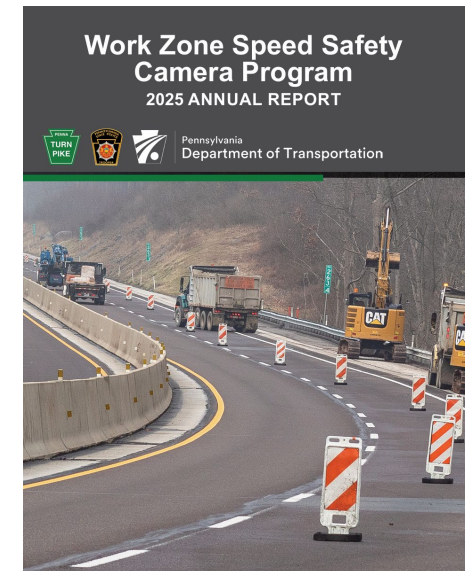
Virginia Transportation Research Council (VTRC) will be evaluating the 5 Interstate Workzone pilot deployments and will focus on:

- **Speed reduction impact** - changes in mean speed, speed distribution, and proportion of vehicles exceeding the speed limit
- **Safety** implications (e.g. crash reduction)
- **Operational** insights and implementation challenges via district / contractor feedback



Work Zone SSC's in Other States

- At least 13 other states authorize Work Zone SSCs
 - Approximately 20 Maryland “SafeZones” deployments
- A 2025 PennDOT report analyzing 14,526 Work Zone (WZ) SSC deployments from 2020-2024 found:
 - Annual WZ crashes reduced from ~1800/year to 1200-1300/year
 - Excessive (11+ mph) speeding reduced by 41% since the start of their program
- A 2022 DeIDOT report found a 5.4-5.9 mph reduction in average speed on I-95



Questions?

