

Section 23 - VDOT 2026 Work Area Protection Manual (WAPM) Version 11.0 Requirements

- I. Introduction - HRSD's Design and Construction Departments contract with a wide variety and a significant number of Professional Services firms (FIRMs) for design and construction oversight responsibilities for both capital and non-capital projects. Typically, the FIRM providing design services will also assemble a team to perform construction administration and inspection (CA/CI) services for HRSD during construction. Many of these projects lie within state and locality road rights of way. One of HRSD's top priorities during construction activities is the safety of all staff and HRSD's field representatives. As such, it is crucial that our staff and our contracted workforce adhere to the latest federal, state, and locality safety standards.

The 2026 edition of the Virginia Work Area Protection Manual Version 11.0, along with updates, became effective for HRSD on January 1, 2026. Several localities have already adopted this manual and now require compliance with it. The 2026 Virginia Work Area Protection Manual Version 11.0 and a presentation highlighting changes from the previous Work Area Protection Manual can be found at the following web link: <http://www.virginiadot.org/business/trafficeng-WZS.asp>

This Section establishes expectations and requirements for being in compliance with the 2026 Virginia Work Area Protection Manual Version 11.0 for all FIRMs providing CA/CI services on behalf of HRSD.

- II. Training Requirements for Construction Inspectors - All construction inspection personnel representing HRSD on any construction projects within rights of way exposed to traffic, work vehicles, and construction equipment within traffic control zones must take an approved course and become certified in Intermediate Work Zone Safety Training. HRSD will require a copy of each inspector's certification in order to represent HRSD on a construction project.
- III. Personal Protective Equipment (PPE) Requirements – All workers and flaggers are required to wear ANSI/ISEA 107-2020 Class 3 High Visibility safety apparel when exposed to traffic and construction equipment. The safety apparel shall be securely fastened to maximize workers' visibility. Hard hats with 360 degrees of retroreflective material shall also be worn. For workers installing and removing temporary traffic control devices the following Personal Protective Equipment (PPE) is required at all times, both day and night:
- ANSI/ISEA 107-2020 Class 3 High Visibility Vest
 - Hard Hat meeting ANSI/ISEA Z89.1-2014 standards with 360-degree retroreflective material
 - Type E trousers or gaiters meeting ANSI/ISEA 107-2020 (

- Foot Protection meeting ANSI Z41, ASTM F2412 and ASTM F2413

Flaggers are required to wear the following Personal Protective Equipment (PPE) at all times:

- ANSI/ISEA 107-2020 Class 3 High Visibility Vest
- Hard Hat meeting ANSI/ISEA Z89.1-2014 standards with 360-degree retroreflective material
- Daytime: Class E trousers or gaiters meeting ANSI/ISEA 107-2020
- Nighttime: Class E trousers meeting ANSI/ISEA 107-2020
- Foot Protection meeting ANSI Z41, ASTM F2412 and ASTM F2413

Flagger stations shall be illuminated at night. Streetlights or vehicle headlights do not meet the illumination requirements for flagger stations. The light source shall produce a minimum of 50 lux (5 foot-candles) throughout the entire area. The light source needs to be higher than the flagger station and must not interfere with the flagger's or motorist's line of sight.

IV. Attachments:

- A. Personal Protective Equipment Requirements for Work Zone Operations

End of Section