

October 29, 2024



**Land Use Permit Application for Work Zone Speed Safety Cameras (WZSSC)**

**LUP-WZSSC**

The Code of Virginia [§ 46.2-882.1](#) provides that a state or local law-enforcement agency may place and operate a photo speed monitoring device (also known as a Speed Safety Camera) in highway work zones for the purposes of recording violations of [§ 46.2-878.1](#).

I, the undersigned, hereby acknowledge that I am fully cognizant of and, in my individual capacity and as a duly authorized representative of the entity applying for this permit, agree to all of the following requirements associated with the issuance of a VDOT Land Use Permit authorizing the installation and maintenance of photo speed monitoring devices within highway work zones located on the state-maintained highway right-of-way.

Type or Print Clearly

Name of Applicant: \_\_\_\_\_

Applicant's Tax ID No.: \_\_\_\_\_

Applicant's Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip Code: \_\_\_\_\_

Primary Telephone No.: \_\_\_\_\_ 24-Hour Telephone No.: \_\_\_\_\_

Email Address: \_\_\_\_\_

Name of Agent: \_\_\_\_\_

Agent's Tax ID No.: \_\_\_\_\_

Agent's Mailing Address: \_\_\_\_\_

City: \_\_\_\_\_ State: \_\_\_\_\_ Zip code: \_\_\_\_\_

Primary Telephone No.: \_\_\_\_\_ 24-Hour Telephone No.: \_\_\_\_\_

Email Address: \_\_\_\_\_

Work Description:

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Type of Device (Handheld, Vehicle-attached, Trailer-mounted, or Freestanding)

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Locality: \_\_\_\_\_

Route Name and Number: \_\_\_\_\_

Route to: \_\_\_\_\_ Route from: \_\_\_\_\_

Coordinates: Latitude \_\_\_\_\_ Longitude \_\_\_\_\_

Name of Applicant's Duly Authorized Representative: \_\_\_\_\_

Representative's Title: \_\_\_\_\_

Representative's Signature: \_\_\_\_\_

Name of Agent's Duly Authorized Representative: \_\_\_\_\_

Agent's Title: \_\_\_\_\_

Agent's Signature: \_\_\_\_\_

#### **VDOT Land Use Permit Required by Law**

The General Rules and Regulations of the Commonwealth Transportation Board provide that no work, occupancy, or non-transportation uses of any nature may be allowed or performed on the system of state highways or any real property under the ownership, control, or jurisdiction of VDOT until written permission has been obtained from VDOT. Written permission is granted for the above-referenced activity through the issuance of a land use permit.

By issuing a permit, VDOT is giving permission only for whatever rights it has in the right-of-way; the Permittee is solely responsible for determining all entities that may have a property interest of any kind or nature in the right-of-way and for obtaining permission from all such entities for the Permittee's use of the right-of-way and shall be solely liable for any failure to obtain from any and all entities having a property interest in the right-of-way.

The Permittee will be civilly liable to the Commonwealth for all actual damage caused by a violation of the terms of the permit or [\*\*24VAC30-151-40.1\*\*](#).

### **Application and Contact Information**

Application for a land use permit shall be made through the local residency permit office where the activity is to take place.

A list of counties with their corresponding VDOT district offices and contact information may be obtained on the VDOT web site at: <https://www.vdot.virginia.gov/about/districts/>

### **Permit Terms and Fees**

This permit is valid for a maximum period of one (1) year. The first term of the permit will be for a maximum of six (6) months with a renewal for an additional six (6) months, assuming the permittee has, in the opinion of the district administrator's designee, adequately complied with permit conditions during the initial term.

### **Surety Requirement**

A continuous surety in the amount of \$5000.00 per work zone is required to restore the right-of-way in the event of damage to state-maintained facilities resulting from the authorized activity. The surety may be in the form of a check, cash, irrevocable letter of credit (**LUP-LC**), or surety bond (**LUP-SB**). This surety will be refunded or released upon satisfactory completion of the initial installation and inspection by VDOT.

### **Insurance Requirements (excluding County, Town, or City)**

The permittee or their agent shall secure and maintain commercial general liability insurance to protect against liability for personal injury and property damage in connection with all activities undertaken under a permit. Comprehensive general liability insurance with limits of at least \$1,000,000 per occurrence and \$5,000,000 aggregate, or in amounts otherwise required by VDOT as stated in the permit, shall be maintained at all times. Insurance must be obtained prior to start of the permitted work and shall remain valid through the permit completion date. VDOT staff may require a valid certificate of insurance or policy documents from the issuing insurance agent or agency prior to issuing a permit.

### **General Requirements**

- 1) Permittee acceptance and use of a Virginia Department of Transportation (VDOT) land use permit is prima facie evidence that the permittee has read and is fully cognizant of all required permit provisions, applicable traffic control plans, and associated construction standards to be employed. All applicants to whom permits are issued shall at all times indemnify and hold harmless the Commonwealth, the Commonwealth Transportation Board, the Commissioner of Highways, VDOT, and their consultants, representatives, agents and employees from and against any and all claims, causes of action, losses, costs, attorney's fees, expenses, and damages that directly or indirectly results from or arises out of the

permittee's activities or violations in the right-of-way or from any of the permittee's contractors, subcontractors, consultants, representatives, agents or employees, or from anyone for whose acts or violations the permittee is or may be liable.

- 2) The permittee assumes full responsibility for any damages that may occur as a result of the work performed under this permit. Furthermore, the Department will in no way be responsible for any damage to the facility being placed as a result of future maintenance or construction activities performed by the Department.
- 3) The permittee agrees to move, remove, alter, or change any deployment that interferes with the construction of the highway at no cost to the Department unless otherwise stipulated and agreed to by the Department.
- 4) The permittee shall immediately correct any situation that may arise from their activities that the district administrator's designee deems hazardous to the traveling public.
- 5) Any highway signs, right-of-way markers, etc., disturbed by work performed under the auspices of a land use permit shall be accurately reset by the permittee immediately following the work in the vicinity of the disturbed facility. The services of a certified land surveyor with experience in route surveying may be required.
- 6) It shall be the permittee's responsibility to obtain all necessary permits that may be required by any other government agencies, i.e., U.S. Army Corps of Engineers, Department of Environmental Quality, Department of Conservation and Recreation.
- 7) A copy of the VDOT land use permit shall be maintained at the work site and made readily available for inspection when requested by authorized VDOT personnel.
- 8) The permittee shall notify the local district permit office at least 48 hours prior to commencement of any work requiring inspection and/or testing. Failure to carry out this requirement may result in permit revocation.
- 9) It is the duty of the district administrator's designee to keep all roads maintained in a safe and travelable condition at all times. Therefore, any permit may be denied, revoked, or suspended when in the opinion of the district administrator's designee, the safety, use, or maintenance of the highway so requires.
- 10) The permittee shall at all times give strict attention to the safety and rights of the traveling public, their employees, and themselves. VDOT reserves the right to stop work at any time due to safety problems and/or non-compliance with the terms of the permit. The Department may, at its discretion, complete any of the work covered in the permit or restore the right-of-way to the department's standards and invoice the permittee for the actual cost of such work. The permittee may be required to move, alter, change, or remove from state-maintained right-of-way, in a satisfactory manner, any installation made under this permit.
- 11) All work authorized under the auspices of a VDOT land use permit shall be subject to VDOT's direction.

- 12) Design changes, specified material changes, and/or field changes from the approved plans shall be submitted to the appropriate district administrator's designee for review and approval prior to proceeding with the proposed changes. This submittal shall include written justification, supplemental documentation, and/or engineering calculations that support the requested changes.

### **Permit Specific Requirements**

- 1) The permit may be issued to either the locality or law enforcement to deploy the photo speed monitoring devices and supplemental warning signs.
- 2) A separate permit shall be required for each work zone.
- 3) For work zones associated with VDOT or locality administered construction projects, the permittee shall obtain the construction contractor's consent in writing before the permit will be issued.
- 4) If the work zone is being implemented under the auspices of another Land Use Permit (such as activities associated with utility work, locally funded construction, or land use development) then the WZSSC permittee shall provide documentation that the work zone's permittee authorizes the use of the devices in their work zone.
- 5) All WZSSC installations require concurrence by the District Traffic Engineer (DTE) or designee that the work zone meets the requirements listed below. If the WZSSC is associated with a VDOT or locality administered construction project, then the WZSSC device locations require concurrence by the Responsible Charge Engineer (RCE) assigned to that project. A copy of the concurrence emails from the RCE and DTE are sufficient documentation and should be attached to the permit.
- 6) The permittee is responsible for operating their devices in accordance with [§ 46.2-882.1](#) and [§ 46.2-878.1](#).
- 7) Upon request, the permittee shall provide VDOT speed citation data, including date/time of issuance, recorded speed, and citation location for such time period as VDOT may specify, to aid VDOT in evaluating its work zones. VDOT will not request and does not desire any personally identifiable information (license plate number, driver information, law enforcement officer name, etc.).

### **Placement Requirements**

- 1) The WZSSC device and R10-V18c "work zone speed photo enforced" signs shall be placed as per [§46.2-882.1](#) and Figures 1 or 2 (attached).
- 2) A plan showing the WZSSC and R10-V18c sign locations within the work zone shall be provided

to the Area Land Use Engineer (ALUE) or Permit Manager.

- 3) WZSSCs shall only be placed in stationary work zones and shall only be placed in work zones that include “Work Zone Speed Limit XX” assemblies that comply with §46.2-878.1.
- 4) The R10-V18c “work zone speed photo enforced” signs shall be the responsibility of the permittee, including installation, maintenance, relocation as necessary, and removal. Placement, relocation, and removal of the signs and devices shall be in accordance with section 6G.25 of the 2011 Virginia Work Area Protection Manual (VWAPM).
- 5) If the WZSSC is a handheld device or is attached to a passenger vehicle, then the vehicle shall be parked at the locations prescribed by Figures 1 or 2, and the vehicle shall be equipped with a vehicle warning light as per section 6F.95 of the VWAPM (unless the vehicle is a law enforcement vehicle). WZSSC operators shall remain inside their stationary vehicle while WZSSC operations are underway.
- 6) If the WZSSC is attached to a trailer or is freestanding on the pavement surface, then the WZSSC devices shall be placed outside the clear zone if possible. If placement outside the clear zone is not possible, then the WZSSC device shall have conspicuity tape and be placed behind 4 drums as per Figure 6F-6 of the VWAPM (unless the device has been demonstrated to meet FHWA 2016 Manual for Assessing Safety Hardware (MASH) requirements for category 2 temporary work zone devices).
- 7) WZSSC devices and associated signs shall not be attached to VDOT-owned poles, structures, or other VDOT infrastructure.
- 8) Signs shall meet all requirements for mounting height and lateral placement of temporary signs. R10-V18c may be mounted on portable sign stands or temporary sign supports; temporary sign supports shall be used if the R10-V18c signs will be in place for greater than 72 consecutive hours. Portable sign stands shall be deployed as per the VWAPM using a product from VDOT’s Traffic Control Device Pre-Approval List. Temporary sign supports shall be as per the Standard Drawing WSP-1 and Section 512 of the Road & Bridge Specifications.
- 9) WZSSC devices shall only be placed at the locations approved by VDOT. Whenever possible WZSSC equipment should be placed outside the clear zone, behind temporary barriers, or behind guardrail. If placed behind temporary barriers or guardrail, they shall be placed outside the barrier’s/guardrail’s deflection distance as per Appendix A of the VWAPM.
- 10) WZSSC equipment and associated signs shall not be placed where they will interfere with the visibility or operation of temporary or permanent traffic control devices or VDOT electronic devices.

### **Work Zone SSC- Implementation Requirements**

- 1) There will be a maximum of one WZSSC per work zone per direction.
- 2) The placement of WZSSCs on Interstate highways and ramps by localities or locality law enforcement agencies shall be coordinated with the Virginia State Police (VSP). VDOT reserves the right to revoke or suspend a LUP-WZSSC on an Interstate for a locality or locality law enforcement agency upon notification from VSP that they intend to establish WZSSC operations in that same work zone.
- 3) VDOT and VSP have mutually committed to piloting WZSSC operations at five Interstate work zones. VDOT will not issue LUP-WZSSCs to localities or locality police agencies for those work zones until such time as VSP WZSSC operations have ceased. As of September 2024, these five work zones are as listed below; however, VDOT and VSP may mutually agree to substitute another Interstate work zone for any of the below:
  - a. I-81 Exit 221-225 Widening, Augusta County/City of Staunton (UPC 116269)
  - b. I-495 Mile 42-45 Widening ("NEXT" project), Fairfax County (UPC 115401)
  - c. I-64 Mile 205-216 Widening ("Gap project Segment A"), New Kent County (UPC 122805)
  - d. I-81 Mile 137-142 widening, City of Salem/Roanoke County (UPC 116203)
  - e. I-64 Hampton Roads Express Lanes Segment 4C, City of Hampton (UPC 119638)
- 4) It is the permittee's responsibility to coordinate with other law enforcement agencies to ensure that drivers are not inappropriately cited multiple times for the same speeding offense. If a work zone encompasses two or more localities and more than one of those localities applies for a LUP-WZSSC for that same work zone, VDOT will prioritize the locality at the upstream end of the work zone for that direction of travel.
- 5) WZSSCs shall not be placed until temporary traffic control devices have been installed for the initial phase of construction for the associated work zone being photo enforced.
- 6) If the WZSSC operator is using handheld devices or WZSSCs that are attached to a passenger vehicle, then the WZSSC operator shall deploy portable sign stands and the R10-V18c signs immediately prior to beginning WZSSC enforcement operations and shall remove the R10-V18c signs immediately after ending WZSSC enforcement operations. Personnel shall wear high-visibility safety apparel as per the VWAPM while deploying and removing portable sign stands.
- 7) Personnel should not run across live lanes of traffic on foot when installing or removing WZSSC equipment or associated signs, except as allowed otherwise in Section 6G.25 of the VWAPM.
- 8) WZSSC equipment and associated signs shall be removed within 72 hours notification from the work zone operator that the work zone is expected to enter an extended shutdown period (will be unmanned) of 14 days or longer. Portable WZSSC equipment may remain in place for shorter periods of unmanned operation; however, it will be the Permittee's responsibility to monitor worker presence and ensure that citations are only issued for violations captured when workers are present, per §§ 46.2-878.1 and 46.2-882.1.

- 9) The permittee shall remove the R10-V18c signs from the Right of Way if the WZSSC devices are nonfunctioning or absent and are not scheduled to resume fully functional operation for 72 hours or longer.
- 10) The permittee shall not relocate WZSSCs or R10-V18c signs to different locations within the work zone without VDOT approval for the updated WZSSC device and sign locations.
- 11) The permittee is responsible for removing, restoring, or replacing their WZSSC equipment or R10-V18c signs within 72 hours of notification from VDOT that the signs have been knocked down or damaged. It is the permittee's responsibility to ensure that speed enforcement citations are only issued when the signs required by §46.2-882.1 are in place.
- 12) The permittee is responsible for ensuring that WZSSC citation thresholds are based on the work zone speed limit in effect at the time of the violation (which may fluctuate if the work zone includes Digital Speed Limit signs).
- 13) The Permittee shall remove WZSSC devices and R10-V18c signs within 48 hours of being notified by the work zone operator that construction is nearing substantial completion. VDOT will not allow the WZSSC devices and associated signs to remain in place after construction activity has been substantially completed (traffic is in its permanent location and most or all cones/drums have been removed).
- 14) The permittee shall ensure that the WZSSCs will not interfere with construction activities. If the device needs to be moved or removed from the project, the permittee will have 48 hours to move the device from the time notified by the RCE or the Party that issued the permit.
- 15) VDOT will remove the permittee's equipment at the permittee's expense if necessary to avoid delaying completion of associated VDOT road work.
- 16) The permittee shall notify the ALUE or VDOT Permits Manager at least 30 days prior to starting the first WZSSC operation at that work zone so that VDOT may erect a G20-5aP/R2-1/R10-V18b sign assembly or R10-V18b supplemental sign to an existing work zone speed limit assembly, as shown in Figure 1.

### **Traffic Control and Safety**

- 1) In accordance with the Virginia Department of Transportation (VDOT) Road and Bridge Specification, Special Provision 105.14, all activities performed under the auspices of a VDOT Land Use Permit involving the installation, maintenance and removal of work zone traffic control devices must have an individual on-site who, at a minimum, is accredited by VDOT in Basic Work Zone Traffic Control. The accredited person must have their VDOT Work Zone Traffic Control accreditation card in their possession while on-site.
- 2) The individual accredited in Basic Work Zone Traffic Control is responsible for the placement, maintenance, and removal of work zone traffic control devices within the work zone in compliance with the permit requirements and conditions, and the approved plans.

- 3) For freestanding WZSSC installations, a person accredited by VDOT in Intermediate Work Zone Traffic Control must be on-site to provide supervision for adjustment to the approved layout.
- 4) Individuals responsible for implementation of work zone traffic control measures shall provide evidence of their accreditation upon request from VDOT personnel.
- 5) The permittee shall be exempt from the requirements of Virginia Department of Transportation (VDOT) Road and Bridge Specification, Special Provision 105.14 if the authorized activity is not within the roadway (as defined in 24VAC30-151) of a state-maintained highway.
- 6) All activities that require the disruption (stoppage) of traffic on two-lane undivided roads shall utilize flaggers who have a valid and unexpired VDOT Flagger, ATSSA Flagger, VDOT Basic Work Zone, or VDOT Intermediate Work Zone card. VDOT will not accept VDOT Flagger Cards issued after December 31, 2024; VDOT Flagger Cards issued prior to December 31, 2024, will only be accepted until their date of expiration (two years after date of issuance). Flag persons shall be provided in sufficient number and locations as necessary for control and protection of vehicular and pedestrian traffic. All flaggers must have their certification card in their possession when performing flagging operations within state-maintained right-of-way. Any flag person found not in possession of his/her certification card shall be removed from the flagging site and the district administrator's designee will suspend all permitted activities.
- 7) Any certified flag person found to be performing their duties improperly shall have their certification revoked.
- 8) Traffic shall not be blocked or detoured without permission, documented in writing or electronic communication, being granted by the district administrator's designee.
- 9) The permittee shall notify the following appropriate VDOT Transportation Operations Center (TOC) 30 minutes prior to the installation of a lane closure or shoulder closure on non-limited access primary routes and within 30 minutes of removing the lane or shoulder closure:
  - Eastern Region (757) 424-9920: All localities within the Hampton Roads Construction District excluding Greenville County and Sussex County
  - Northern Virginia (703) 877-3401: All localities within the NOVA Construction District plus Spotsylvania County and Stafford County
  - Central Region (804) 796-4520: All localities within the Richmond Construction District, plus Greenville County and Sussex County. All localities within the Fredericksburg District, excluding Spotsylvania County and Stafford County
  - SW Region (540) 375-0170: All localities within the Salem, Bristol, and Lynchburg Construction Districts
  - NW Region (540) 332-9500: All localities within the Staunton and Culpeper Construction Districts

Information regarding how to obtain access and the requirements for entry of lane closure requests in LCAMS and VaTraffic will be provided by the local permit office.

## **Authorized Hours and Days of Work**

Normal hours for work under the authority of a VDOT land use permit are from 9:00 a.m. to 3:30 p.m. Monday through Friday for all highways classified as arterial or collector. All highways classified as local roads will have unrestricted work hours and days.

The district administrator's designee may establish alternate time restrictions in normal working hours for single use permits. The central office permit manager may establish alternate time restrictions in normal working hours for district-wide permits.

The classifications for all state-maintained highways can be found at the following link:

<https://www.vdot.virginia.gov/projects/roads-classified/>

## **Holiday Restrictions**

Non-emergency work will not be allowed on arterial and collector highway classifications from noon on the preceding weekday through all state observed holidays. If the observed holiday falls on a Monday, the non-emergency work will not be allowed from noon on the preceding Friday through noon on Tuesday.

## **Excavation**

All excavation within state-maintained rights-of-way shall comply with OSHA Technical Manual, Chapter 2, Title Excavation: Hazard Recognition in Trenching and Shoring. A professional engineer shall certify all shoring and/or trench boxes.

No excavated material is to be placed or tracked on the pavement without written permission from the District Administrator's designee. When so authorized, the pavement shall be satisfactorily cleaned by a VDOT approved method. No cleated (track-mounted) equipment is to be used on the pavement without properly protecting the pavement from damage.

Prior to any excavation, the permittee shall comply with the terms of [Title 56, Chapter 10.3](#) of the Underground Utility Damage Prevention Act and [§56-265.14](#) through [§56-265.20](#) of the Code of Virginia. This permit does not grant permission to grade on or near property of others or adjust or disturb in anyway existing utility poles or underground facilities within the permitted area. Permission to do so must be obtained from the impacted utility company and any expense involved shall be borne by the permittee. Any conflicts with existing utility facilities must be resolved between the permittee and the utility owner(s) involved.

The permittee or their agent must contact the VDOT Customer Service Center at 1-800-367-7623 a minimum of 48 hours prior to initiating any planned excavation within 1,000 feet of a signalized intersection and/or near VDOT ITS infrastructure. Excavation activities may proceed only after the VDOT regional utility location agent has notified the permittee that the utility marking has been completed. Additional information can be found at:

[IIM-TMPD-541, IIM-TE-383, IIM -OD-16-01, Request for Marking VDOT Utility Location \(virginia.gov\)](#)

Alternately, within all localities in the Northern Virginia Construction District, including the Counties of Arlington, Fairfax, Loudoun & Prince William, the Cities of Alexandria, Fairfax, Falls Church, Manassas and Manassas Park, and the Towns of Clifton, Dumfries, Hamilton, Haymarket, Herndon, Hillsboro, Leesburg, Lovettsville, Middleburg, Occoquan, Purcellville, Quantico, Round Hill and Vienna, and on Interstate 95 in the counties of Stafford, Spotsylvania and Caroline, the permittee may request VDOT regional utility marking at: <http://www.vdotutilitymarking.virginia.gov>

Failure to carry out this requirement may result in permit revocation.

### **Environmental**

- 1) In accordance with the Virginia Department of Transportation (VDOT) Road and Bridge Specification 107.16, all contractors performing regulated land disturbing activities within VDOT right-of-way must have at least one (1) employee that has successfully completed the VDOT Erosion & Sediment Control Contractor Certification training. This person shall be on site during all land disturbance activities and will be responsible for insuring compliance with all applicable local, state, and federal erosion and sediment control regulations during land disturbance activities. This person must have their certification card with them while on the project site. The land use permit will be suspended if proof of certification cannot be provided. Regulated land disturbing activities are defined as those activities that disturb 2,500 square feet or greater in Tidewater, Virginia or 10,000 square feet or greater in all other areas of the State. The Department will require evidence of this certification with any land use permit application that involves utility and/or commercial right of way improvement. Improper installation, maintenance and removal of erosion and sediment control devices may result in revocation of VDOT Erosion & Sediment Control Contractor Certification.
- 2) The permittee is responsible for pursuing and obtaining any and all environmental permits which may be required to pursue the proposed activity prior to any work beginning within state-maintained right-of-way.
- 3) In the event hazardous materials or underground storage tanks are encountered within state-maintained right-of-way during authorized activities, the permittee shall suspend all work immediately then notify the local district permit office and other responsible parties, i.e., the local fire department, emergency services, Department of Environmental Quality, etc. The permittee is responsible for coordination and completion of all required remediation necessary to complete the permitted activities within the state-maintained right-of-way. The permittee shall provide evidence of such compliance to the local district permit office prior to recommencement of permitted activities.
- 4) In the event cultural resources, archaeological, paleontological, and/or rare minerals are encountered within the right of way during authorized activities, the permittee shall suspend all work immediately then notify the local district permit office and the proper state authority charged with the responsibility for investigation and evaluation of such finds. The permittee will meet all necessary requirements for resolving any conflicts prior to continuing with the proposed activities within the state-maintained right-of-way and shall provide evidence of such compliance to the local district permit office.
- 5) Roadway drainage shall not be blocked or diverted. The shoulders, ditches, roadside, drainage

facilities and pavement shall be kept in an operable condition satisfactory to the Department. Necessary precautions shall be taken by the permittee to insure against siltation of adjacent properties, streams, etc.

#### **Final Inspection and Completion of Permit**

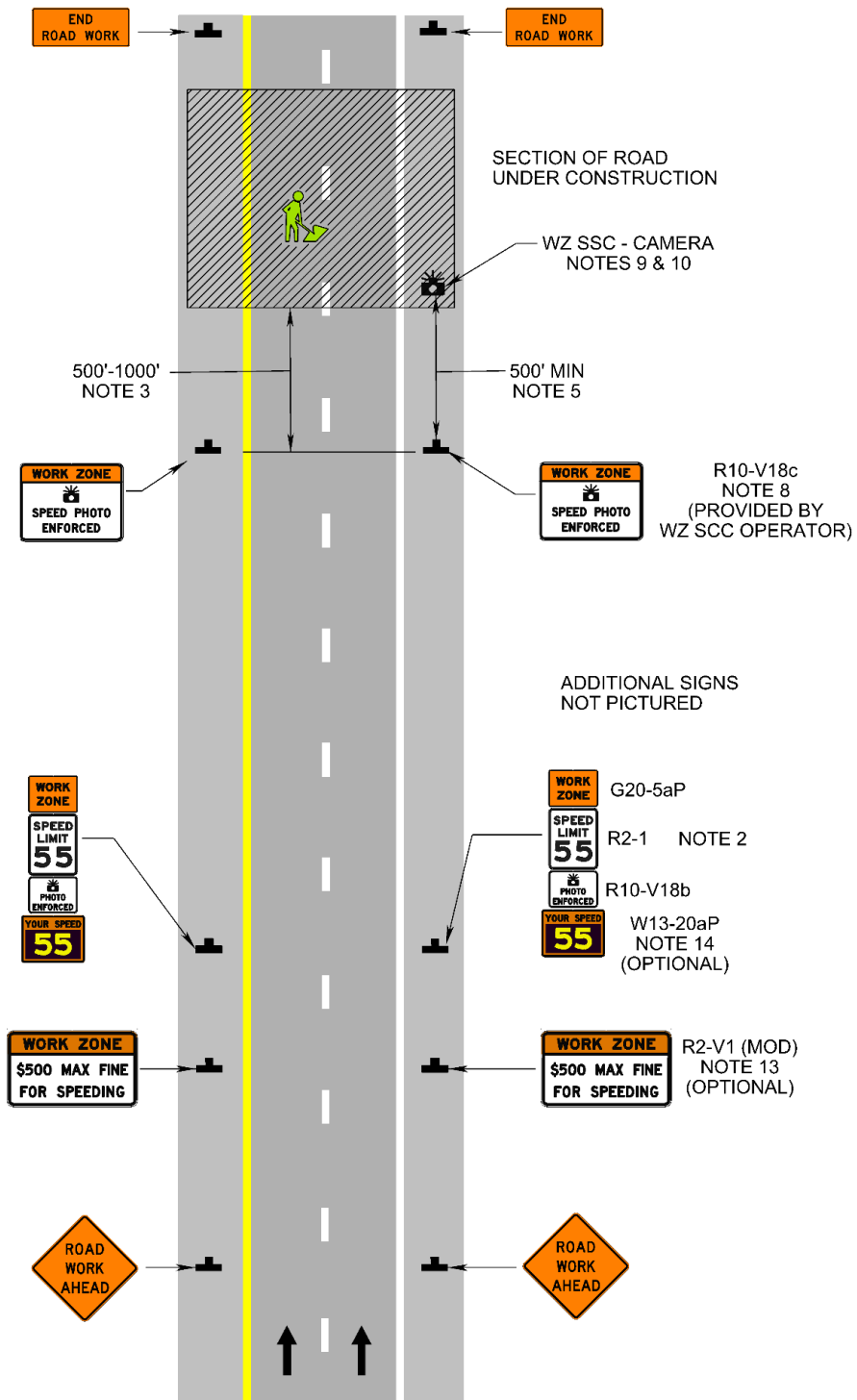
Upon completion of the work covered by this permit all disturbed areas outside of the roadway prism shall be restored to their original condition as found prior to starting such work.

Completion of this permit is contingent upon the permittee's completion of the authorized work in accordance with the approved plan and compliance with all governing bodies involved in the total completion of work on state-maintained right-of-way.

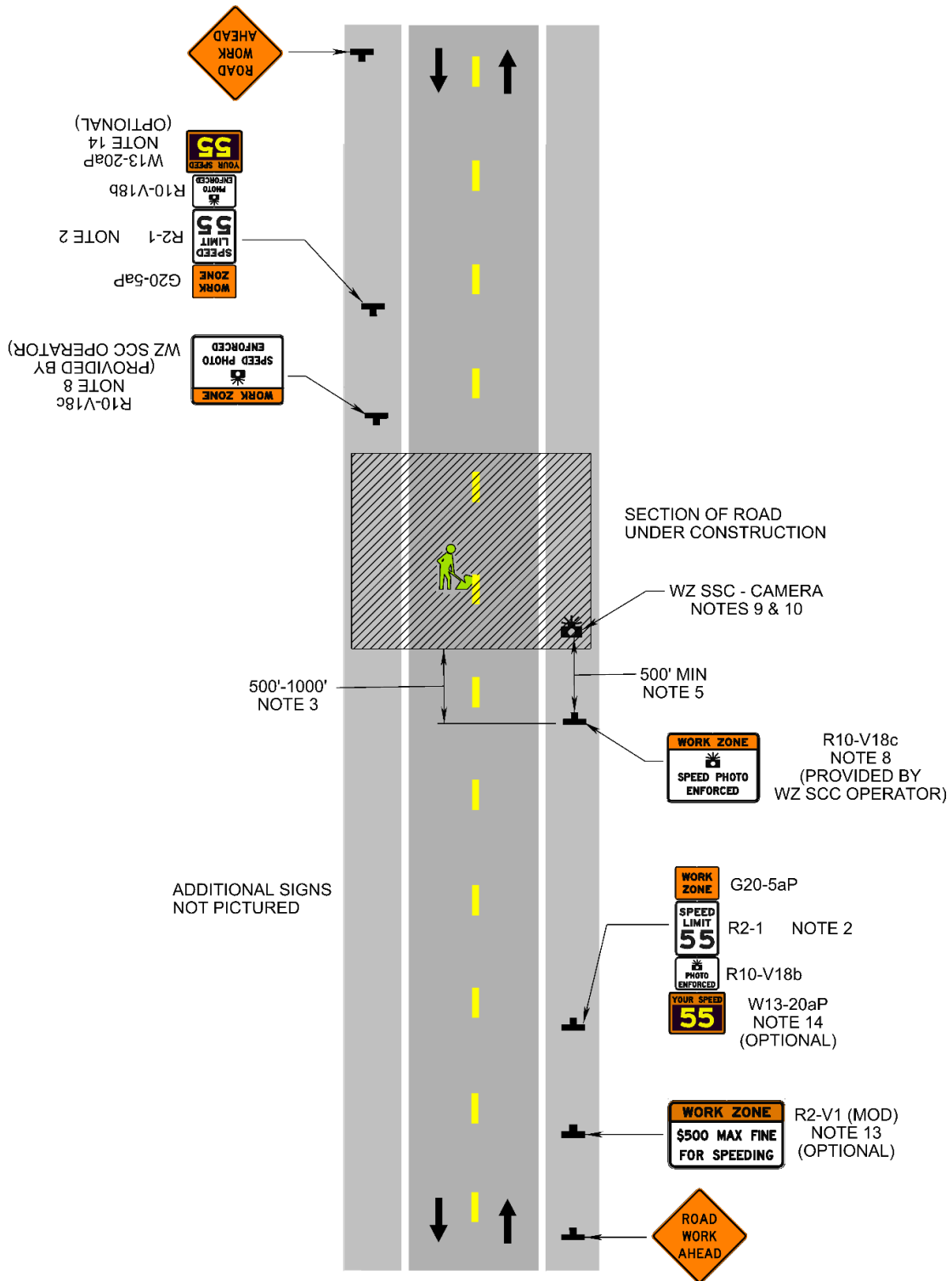
Upon completion of the work under permit, the permittee shall provide notification, documented in writing or electronic communication, to the district administrator's designee requesting final inspection. This request shall include the permit number, county name, route number and name of the party or parties to whom the permit was issued.

The district administrator's designee shall promptly schedule an inspection of the work covered under the permit and advise the permittee of any necessary corrections.

**Figure 1 – Work Zone Speed Safety Camera (WZSSC) Requirements on Divided Highways**



**Figure 2 – Work Zone Speed Safety Camera (WZSSC) Requirements on Undivided Highways**



#### FIGURES 1 AND 2 NOTES:

##### *Guidance:*

1. *Freestanding WZSSC camera equipment should be located outside the clear zone or outside the deflection distance of the barrier service. If the WZSSC equipment is a handheld device held by an operator inside a vehicle or is attached to a passenger vehicle, then the WZSSC vehicle should be parked outside the clear zone or as far away from the travel lane as practical.*

##### **Standard:**

2. **WZSSCs shall only be operated in work zones that have work zone speed limit assemblies (WORK ZONE (G20-5aP) sign and Speed Limit (R2-1) sign).**

##### *Guidance:*

3. *PHOTO ENFORCED (R10-V18b) 48"x36" plaques should be placed below the R2-1 signs in the work zone speed limit assemblies.*

##### **Standard:**

4. **To meet the requirements in Section § 46.2-882.1, the WZSSC operator shall install WORK ZONE SPEED PHOTO ENFORCED (R10-V18c) 60" x 48" sign(s) between 500 and 1000 feet in advanced of the work space (as defined in Figure 6C-1 and Section 6C.07 of the VWAPM).**
5. **If multiple WZSSC cameras are deployed within the same work zone, there shall be at least 2 miles between successive WZSSC cameras, and the WZSSC Operator shall place additional WORK ZONE SPEED PHOTO ENFORCED (R10-V18c) sign(s) approximately 500 feet upstream of each additional WZSSC equipment.**
6. **On divided highways, the WZSSC Operator shall dual indicate the R10-V18c signs unless the District Traffic Engineer concurs that physical constraints inhibit placement on one of the two sides.**
7. **The WZSSC Operator shall place additional R10-V18c signs on intersections or on-ramps if necessary to ensure that all drivers will pass by at least one R10-V18c sign prior to passing the WZSSC.**
8. **The WZSSC Operator shall place all R10-V18c signs at least 500 feet away from any other temporary or permanent sign or traffic signal device.**
9. **Since §46.2-882.1 only allows WZSSCs to be operated in "highway work zones", defined in §46.2-878.1 as "construction or maintenance areas", WZSSCs shall only be operated in the "transition area", "buffer area", or "activity area" portions of the temporary traffic control zone as defined in Figure 6C-1 and Chapter 6C of the VWAPM.**
10. **The WZSSC camera equipment shall be at least 500 feet downstream of the WORK ZONE SPEED PHOTO ENFORCED (R10-V18c) signs.**
11. **The WZSSC operator shall relocate the camera equipment as necessary to avoid impeding construction or operations upon request from the Engineer.**

12. If the WZSSC is a handheld device or is attached to a passenger vehicle, then the vehicle shall have operating vehicle warning lights as per Section 6F.95 of the VWAPM (unless the vehicle is a marked law enforcement vehicle).

Option:

13. WORK ZONE | \$500 MAX FINE | FOR SPEEDING (R2-V1 MOD) sign may be installed in the advance warning area for any work zone with WZ SSCs when approved by the District Traffic Engineer or designee. R2-V1 or similar signs with “WHEN FLASHING” message and Type B warning lights shall not be used.
14. Orange-background Vehicle Speed Feedback (W13-20aP) plaques may be installed in the work zone speed limit assembly (WORK ZONE (G20-5aP) PLAQUE AND Speed Limit (R2-1) sign).

FIGURE3 - R10-V18c SIGN LAYOUT

