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Electronic Speed Safety Program
Guidelines for the Selection of Work Zone Automated Speed Safety Enforcement

House Substitute No. 1 for House Bill 194 was enacted by the 152nd General Assembly and signed into law by Governor John Carney on June 30, 2023 establishing an Electronic Speed Monitoring System. This act was codified under Title 21, §4170A of the Delaware Code. The Delaware Department of Transportation (DelDOT) created the Electronic Speed Safety Program (ESSP) to fulfill the requirements of this new law.

The ESSP provides automated speed enforcement in a DelDOT work zone, or in a residence district in either New Castle County or a municipality of the state. ESSP enforcement zones within work zones will be enforced by the Delaware State Police. The following provides considerations for the selection of DelDOT work zones where the ESSP may be considered:

- ESSP may be considered for DelDOT work zones that have two or more of the following characteristics:
  - Work zones where the posted work zone speed limit is 45 MPH or higher.
  - Work zones where the 85th-percentile speed is 10 MPH or more above the posted speed limit.
  - Increased highway worker exposure to traffic with minimal to no escape routes.
  - No full-width shoulders or pull-off areas for traditional police speed enforcement.
  - Closure, shifting of travel lane(s), or contraflow on high-speed roadways (posted speed limit greater than or equal to 50 MPH).
  - Work zones with roadway geometry design criteria that does not meet the posted speed limit (e.g., where there is horizontal curvature or lane shifts that require an advisory speed).
  - Locations where the pre-project crash rate is higher than the statewide average crash rate for the applicable roadway functional classification.
  - Locations where a reduced work zone speed limit has been implemented.

- The design of the work zone should accommodate placement of ESSP equipment.
  - Positive protection shall be used.
  - Appropriate ingress/egress of ESSP personnel to place, maintain, and operate ESSP equipment shall be provided.

- ESSP shall only be considered for use on projects that have a duration greater than 75 calendar days.

Final determination of ESSP placement in DelDOT work zones will be approved by the DelDOT Chief Engineer or designee and the Delaware State Police, pending the availability of enforcement equipment. The operation of the ESSP shall be in compliance with the Electronic Speed Monitoring System regulations as promulgated in the Title 2 of the Delaware Administrative Code.