

THE GENERAL ASSEMBLY OF PENNSYLVANIA

SENATE BILL

No. 509 Session of 2025

INTRODUCED BY ROTHMAN, BROWN, FONTANA, SANTARSIERO, KANE,
PENNYCUICK, HUTCHINSON, BAKER, KEARNEY, STEFANO, SCHWANK,
LAUGHLIN, ROBINSON, MILLER AND FLYNN, MARCH 26, 2025

REFERRED TO TRANSPORTATION, MARCH 26, 2025

AN ACT

1 Amending Title 75 (Vehicles) of the Pennsylvania Consolidated
2 Statutes, in general provisions, further providing for
3 definitions; in rules of the road in general, further
4 providing for maximum speed limits, providing for maximum
5 speed limits enforced by local law enforcement officers with
6 RADAR and further providing for speed timing devices; and
7 imposing penalties.

8 The General Assembly of the Commonwealth of Pennsylvania
9 hereby enacts as follows:

10 Section 1. Section 102 of Title 75 of the Pennsylvania
11 Consolidated Statutes is amended by adding definitions to read:
12 § 102. Definitions.

13 Subject to additional definitions contained in subsequent
14 provisions of this title which are applicable to specific
15 provisions of this title, the following words and phrases when
16 used in this title shall have, unless the context clearly
17 indicates otherwise, the meanings given to them in this section:

18 * * *

19 "LIDAR." Speed-measuring equipment that determines target
20 range and speed based on the time-of-flight of laser light

1 pulses reflected off a target. The term includes equipment that
2 is used to gather, process and record images, as applicable, for
3 speed enforcement purposes, including an automated speed
4 enforcement system authorized under this title.

5 * * *

6 "Mechanical, electrical and electronic device." A device
7 other than LIDAR, RADAR or RADAR in motion that calculates the
8 rate of speed of any vehicle. The term includes a device that
9 determines speed by measuring elapsed time between measured road
10 surface points by using two sensors and devices which measure
11 and calculate the average speed of a vehicle between any two
12 points.

13 * * *

14 "RADAR." An electronic device that determines target range
15 and speed based on radio microwaves reflected off a target from
16 a stationary point. The term includes an automated speed
17 enforcement system as authorized under this title.

18 "RADAR in motion." An electronic device that determines
19 target range and speed based on radio microwaves reflected off a
20 target and operated when the motor vehicle is in motion.

21 * * *

22 "Speedometer." The speed meter on the dashboard of a motor
23 vehicle operated by a police officer to determine the speed of a
24 vehicle.

25 * * *

26 Section 2. Section 3362(c) of Title 75 is amended by adding
27 paragraphs and the section is amended by adding a subsection to
28 read:

29 § 3362. Maximum speed limits.

30 * * *

1 (c) Penalty.--

2 * * *

3 (3) (i) A person may not be convicted upon evidence
4 obtained through the use of LIDAR, a mechanical,
5 electrical and electronic device, RADAR or RADAR in
6 motion:

7 (A) Unless the speed recorded is 10 or more
8 miles per hour in excess of the legal speed limit.

9 (B) When the legal speed limit exceeds 55 miles
10 per hour, unless the speed recorded is six or more
11 miles per hour in excess of the legal speed limit.

12 (ii) This paragraph shall not apply to evidence
13 obtained through the use of LIDAR, a mechanical,
14 electrical and electronic device, RADAR or RADAR in
15 motion within a school zone or an active work zone.

16 (4) A person may not be convicted upon evidence obtained
17 through the use of LIDAR, a mechanical, electrical and
18 electronic device, RADAR or RADAR in motion to time the rate
19 of speed of vehicles within 500 feet after a speed limit sign
20 indicating a decrease in speed. This limitation shall not
21 apply to a speed limit sign indicating a school zone, bridge
22 and elevated structure speed limit, hazardous grade speed
23 limit and work zone speed limit.

24 (d) Enforcement.--This section may be enforced by any of the
25 following:

26 (1) A member of the Pennsylvania State Police using
27 LIDAR, a mechanical, electrical and electronic device, RADAR,
28 RADAR in motion or a speedometer.

29 (2) A local law enforcement officer, as defined under
30 section 3362.1(g) (relating to maximum speed limits enforced

1 by local law enforcement officers with RADAR), using a
2 mechanical, electrical and electronic device or speedometer.

3 (3) A police officer of the Delaware River Port
4 Authority on a highway under the jurisdiction of the Delaware
5 River Port Authority using a mechanical, electrical and
6 electronic device, RADAR or a speedometer. Before RADAR can
7 be used, the police officer must complete training under
8 section 3362.1(b)(2).

9 Section 3. Title 75 is amended by adding a section to read:

10 § 3362.1. Maximum speed limits enforced by local law
11 enforcement officers with RADAR.

12 (a) Use of RADAR.--

13 (1) A local law enforcement officer may use RADAR to
14 determine the lawful speed of vehicles on local highways.

15 (2) A local law enforcement officer may use RADAR to
16 determine the lawful speed of vehicles on State highways if
17 authorization is provided by a Commonwealth agency.

18 (b) Speed enforcement restrictions.--

19 (1) Prior to the use of RADAR by a local law enforcement
20 officer in a municipality, the municipality, or each
21 municipality of a regional police department, must adopt an
22 ordinance authorizing the use of RADAR within the boundaries
23 of the municipality.

24 (2) A local law enforcement officer must complete a
25 training course approved by the Pennsylvania State Police and
26 the Municipal Police Officers' Education and Training
27 Commission prior to using RADAR.

28 (3) A local law enforcement officer must be in a clearly
29 marked law enforcement vehicle in a location that is readily
30 visible to the motoring public while using RADAR.

1 (4) In accordance with department regulations, not fewer
2 than four official traffic-control devices, including warning
3 signs indicating the use of RADAR, shall be erected within
4 500 feet of the border of a municipality on not fewer than
5 four highways entering the municipality prior to a local law
6 enforcement officer using RADAR within the municipality's
7 boundaries.

8 (5) The primary use of RADAR shall be for purposes of
9 traffic safety. The following shall apply to citations:

10 (i) A political subdivision, regional police
11 department or agency of the Commonwealth may not order,
12 mandate, require or in any other manner, directly or
13 indirectly, suggest to a local law enforcement officer to
14 issue a certain number of citations under this subchapter
15 on a daily, weekly, monthly, quarterly or yearly basis.

16 (ii) The prohibition under subparagraph (i) shall
17 not affect the conditions of a Federal or State grant or
18 money awarded to a political subdivision, regional police
19 department or agency of the Commonwealth and used to fund
20 traffic enforcement programs.

21 (c) Speed limits.--A driver may not operate a vehicle at a
22 speed in excess of the following maximum limits:

23 (1) Thirty-five miles per hour in an urban district.

24 (2) Sixty-five miles per hour or 70 miles per hour for a
25 vehicle on a freeway where the posted speed limit is 65 miles
26 per hour or 70 miles per hour.

27 (3) Twenty-five miles per hour in a residence district
28 if the highway:

29 (i) Is not a numbered traffic route.

30 (ii) Is functionally classified by the department as

1 a local highway.

2 (4) Fifty-five miles per hour in any other location.

3 (5) Any other maximum speed limit established under this
4 subchapter.

5 (d) Posting of speed limits.--

6 (1) A maximum speed limit established under subsection
7 (c)(1), (3) or (5) shall not be effective unless posted on
8 fixed or variable official traffic-control devices in
9 accordance with regulations adopted by the department.

10 (2) A maximum speed limit established under subsection
11 (c)(2) shall not be effective unless posted on fixed or
12 variable official traffic-control devices erected after each
13 interchange on the portion of a highway on which the speed
14 limit is in effect and at other locations determined by the
15 department or the Pennsylvania Turnpike Commission, as
16 appropriate.

17 (e) Penalty.--

18 (1) A person violating this section commits a summary
19 offense and shall, upon conviction, be sentenced to pay a
20 fine of:

21 (i) \$42.50 for violating a maximum speed limit of 65
22 miles per hour or higher; or

23 (ii) \$35 for violating any other maximum speed
24 limit.

25 (2) A person exceeding the maximum speed limit by more
26 than five miles per hour shall pay an additional fine of \$2
27 per mile for each mile in excess of five miles per hour over
28 the maximum speed limit.

29 (3) A violation of this section based upon evidence
30 obtained through RADAR shall result in the penalties provided

1 in this subsection and shall not be deemed a criminal
2 conviction or considered cause for the issuance of points
3 under section 1535 (relating to schedule of convictions and
4 points).

5 (4) Notwithstanding sections 6322 (relating to reports
6 by issuing authorities) and 6323 (relating to reports by
7 courts), an issuing authority or court may not report a
8 violation of this section based upon evidence obtained
9 through the use of RADAR to the department.

10 (5) During the initial 90 days of speed enforcement
11 using RADAR following adoption of the ordinance under
12 subsection (b) (1), a person may only be sanctioned for a
13 violation with a written warning.

14 (6) (i) A person may not be convicted upon evidence
15 obtained through the use of RADAR:

16 (A) Unless the speed recorded is 10 or more
17 miles per hour in excess of the legal speed limit.

18 (B) When the legal speed limit exceeds 55 miles
19 per hour, unless the speed recorded is six or more
20 miles per hour in excess of the legal speed limit.

21 (ii) This paragraph shall not apply to evidence
22 obtained through the use of RADAR within a school zone or
23 an active work zone.

24 (7) A person may not be convicted upon evidence obtained
25 through the use of RADAR to time the rate of speed of
26 vehicles within 500 feet after a speed limit sign indicating
27 a decrease in speed. This limitation shall not apply to a
28 speed limit sign indicating a school zone, bridge and
29 elevated structure speed limit, hazardous grade speed limit
30 and work zone speed limit.

1 (f) Revenue limit.--

2 (1) The following apply to a municipality that adopts an
3 ordinance under subsection (b)(1) authorizing the use of
4 RADAR within the boundaries of the municipality:

5 (i) In the calendar year in which the municipality
6 adopts the ordinance, the sum of fines that the
7 municipality may retain for violations of this section
8 and section 3362 (relating to maximum speed limits) shall
9 be no more than an amount equal to 101% of the fines the
10 municipality received for violations of section 3362 in
11 the calendar year immediately preceding the adoption of
12 the ordinance.

13 (ii) In the calendar year after the municipality
14 adopts the ordinance, and each calendar year thereafter,
15 the sum of fines the municipality may retain for
16 violations of this section and section 3362 shall be no
17 more than an amount equal to 101% of the sum of fines the
18 municipality was permitted to retain for violations of
19 this section and section 3362 in the preceding calendar
20 year.

21 (2) By February 1 of the calendar year after a
22 municipality adopts an ordinance under subsection (b)(1)
23 authorizing a local police department to use RADAR, and each
24 February 1 thereafter for as long as the ordinance remains in
25 effect, a municipality shall certify to the department the
26 fines the municipality received in the prior calendar year
27 for violations of this section and section 3362. If the sum
28 of fines received for violations of this section and section
29 3362 in the prior calendar year exceeds the amount the
30 municipality was permitted to retain under paragraph (1), the

1 municipality shall remit the excess amount to the department
2 for deposit into the Motor License Fund.

3 (3) The Department of the Auditor General shall audit
4 finances received by municipalities for violations of this
5 section and section 3362 and amounts remitted to the
6 department under paragraph (2) to ensure compliance with this
7 subsection. The following shall apply regarding audits:

8 (i) An audit shall be conducted yearly and shall
9 audit municipalities selected at random by the Department
10 of the Auditor General.

11 (ii) The Department of the Auditor General shall
12 have access to all documents it deems necessary to
13 complete an audit.

14 (iii) If the Department of the Auditor General
15 determines that a municipality remitted less than the
16 amount required under paragraph (2) in any of the most
17 recent 10 calendar years, the department shall deduct an
18 amount equal to 200% of the amount that the municipality
19 did not remit from the next payment to the municipality
20 under section 9502(a)(2)(v) (relating to imposition of
21 tax).

22 (g) Definitions.--As used in this section, the following
23 words and phrases shall have the meanings given to them in this
24 subsection unless the context clearly indicates otherwise:

25 "Local law enforcement officer." An employee of a local
26 police department who is empowered to enforce 18 Pa.C.S.
27 (relating to crimes and offenses) and this title. The term does
28 not include a Pennsylvania State Police officer, constable,
29 sheriff or a deputy, fire police, transit police, airport
30 police, park ranger, university or college police game warden,

1 fish commission officer or railroad police.

2 "Local police department." A municipal or regional police
3 department that:

4 (1) is authorized by one or more municipalities;

5 (2) provides patrol and investigative services; and

6 (3) reports its activities monthly to the Pennsylvania
7 State Police in accordance with the Pennsylvania Uniform
8 Crime Reporting System as defined in section 502 of the act
9 of November 29, 2004 (P.L.1383, No.180), known as the Uniform
10 Crime Reporting Act.

11 Section 4. Section 3368(c), (d), (e) and (f) of Title 75 are
12 amended to read:

13 § 3368. Speed timing devices.

14 * * *

15 (c) [Mechanical, electrical and electronic devices
16 authorized.--

17 (1) Except as otherwise provided in this section, the
18 rate of speed of any vehicle may be timed on any highway by a
19 police officer using a mechanical or electrical speed timing
20 device.

21 (2) Except as otherwise provided in paragraph (3),
22 electronic devices such as radio-microwave devices, commonly
23 referred to as electronic speed meters or radar, may be used
24 only as part of an automated speed enforcement system or by
25 members of the Pennsylvania State Police.

26 (3) Electronic devices which calculate speed by
27 measuring elapsed time between measured road surface points
28 by using two sensors and devices which measure and calculate
29 the average speed of a vehicle between any two points may be
30 used by any police officer.

1 (4) No person may be convicted upon evidence obtained
2 through the use of devices authorized by paragraphs (2) and
3 (3) unless the speed recorded is six or more miles per hour
4 in excess of the legal speed limit. Furthermore, no person
5 may be convicted upon evidence obtained through the use of
6 devices authorized by paragraph (3) in an area where the
7 legal speed limit is less than 55 miles per hour if the speed
8 recorded is less than ten miles per hour in excess of the
9 legal speed limit. This paragraph shall not apply to evidence
10 obtained through the use of devices authorized by paragraph
11 (2) or (3) within a school zone or an active work zone.

12 (5) Light detection and ranging devices, commonly
13 referred to as LIDAR, may be used only as part of an
14 automated speed enforcement system or by members of the
15 Pennsylvania State Police.] Additional speed timing devices
16 authorized.--

17 (1) Except as otherwise provided in this section, the
18 rate of speed of any vehicle may be timed on any highway by a
19 police officer using a mechanical, electrical and electronic
20 device.

21 (2) RADAR may be used only as part of an automated speed
22 enforcement system, by members of the Pennsylvania State
23 Police, police officers of the Delaware River Port Authority
24 or by local law enforcement officers under section 3362.1
25 (relating to maximum speed limits enforced by local law
26 enforcement officers with RADAR).

27 (3) LIDAR may only be used as part of an automated speed
28 enforcement system or by members of the Pennsylvania State
29 Police.

30 (4) RADAR in motion may only be used by members of the

1 Pennsylvania State Police.

2 (d) Classification, approval and testing of mechanical,
3 electrical and electronic devices and RADAR.--[The department
4 may, by regulation, classify specific devices as being
5 mechanical, electrical or electronic. All mechanical, electrical
6 or electronic devices shall be of a type approved by the
7 department, which shall appoint stations for calibrating and
8 testing the devices and may prescribe regulations as to the
9 manner in which calibrations and tests shall be made. The
10 certification and calibration of electronic devices under
11 subsection (c)(3) shall also include the certification and
12 calibration of all equipment, timing strips and other devices
13 which are actually used with the particular electronic device
14 being certified and calibrated. Electronic devices commonly
15 referred to as electronic speed meters or radar shall have been
16 tested for accuracy within a period of one year prior to the
17 alleged violation. Other devices shall have been tested for
18 accuracy within a period of 60 days prior to the alleged
19 violation. A certificate from the station showing that the
20 calibration and test were made within the required period and
21 that the device was accurate shall be competent and prima facie
22 evidence of those facts in every proceeding in which a violation
23 of this title is charged.]

24 (1) The department may, by regulation, classify specific
25 devices as being mechanical, electrical or electronic in
26 accordance with a mechanical, electrical and electronic
27 device.

28 (2) All mechanical, electrical and electronic devices
29 shall be of a type approved by the department, which shall
30 appoint stations for calibrating and testing the devices and

1 may prescribe regulations as to the manner in which
2 calibrations and tests shall be made.

3 (3) The certification and calibration of mechanical,
4 electrical and electronic devices, as appropriate, shall also
5 include the certification and calibration of all equipment,
6 timing strips and other devices which are actually used with
7 the particular device being certified and calibrated.

8 (4) RADAR and RADAR in motion shall have been tested for
9 accuracy within a period of one year prior to the alleged
10 violation.

11 (5) Mechanical, electrical and electronic devices shall
12 have been tested for accuracy within a period of 60 days
13 prior to the alleged violation.

14 (6) A certificate from the station showing that the
15 calibration and test were made within the required period and
16 that the device was accurate shall be competent and prima
17 facie evidence of those facts in every proceeding in which a
18 violation of this title is charged. A certificate of accuracy
19 may be completed, signed and submitted electronically by the
20 certifying technician on a form provided by the department.

21 (7) (i) The department may promulgate regulations for
22 the classification, calibration, testing, certification
23 and use of a mechanical, electrical and electronic
24 device, RADAR, RADAR in motion and a speedometer. In
25 order to facilitate the prompt implementation of this
26 subsection, the department shall promulgate temporary
27 regulations, which shall not be subject to:

28 (A) Section 612 of the act of April 9, 1929
29 (P.L.177, No.175), known as The Administrative Code
30 of 1929.

1 (B) Sections 201, 202, 203, 204 and 205 of the
2 act of July 31, 1968 (P.L.769, No.240), referred to
3 as the Commonwealth Documents Law.

4 (C) Section 204(b) of the act of October 15,
5 1980 (P.L.950, No.164), known as the Commonwealth
6 Attorneys Act.

7 (D) The act of June 25, 1982 (P.L.633, No.181),
8 known as the Regulatory Review Act.

9 (ii) Temporary regulations adopted under this
10 paragraph shall expire after three years or upon
11 promulgation of final regulations for this subsection,
12 whichever is sooner.

13 (e) Distance requirements [for use of mechanical, electrical
14 and electronic devices.--Mechanical,].--LIDAR, mechanical,
15 electrical [or] and electronic devices, RADAR, RADAR in motion
16 and a speedometer may not be used to time the rate of speed of
17 vehicles within 500 feet after a speed limit sign indicating a
18 decrease of speed. This limitation on the use of speed timing
19 devices shall not apply to speed limit signs indicating school
20 zones, bridge and elevated structure speed limits, hazardous
21 grade speed limits and work zone speed limits.

22 (f) LIDAR testing and calibration.--

23 (1) The department may, upon publication in the
24 Pennsylvania Bulletin, provide that LIDAR speed measuring
25 devices and LIDAR systems shall be calibrated and tested
26 using the testing procedures in department regulation.

27 (2) LIDAR speed measuring devices and LIDAR systems
28 shall be calibrated and tested every 365 days at a minimum
29 before being utilized by the Pennsylvania State Police or as
30 part of an automated speed enforcement system.

1 (3) The certification that the LIDAR device and system,
2 as applicable, have been tested and found to be accurate
3 shall create a presumption that the requirements of this
4 subsection have been fulfilled.

5 [(4) As used in this subsection, the following words and
6 phrases shall have the meanings given to them in this
7 paragraph unless the context clearly indicates otherwise:

8 "LIDAR." The technology of measuring target range using
9 reflected light to determine target range and speed from the
10 time-of-flight of laser pulses.

11 "LIDAR speed-measuring device." Speed-measuring
12 equipment that determines target range and speed based on the
13 time-of-flight of laser light pulses reflected off a target.

14 "LIDAR system." A LIDAR speed-measuring device that
15 incorporates additional equipment that is used to gather,
16 process and record images, as applicable, to be used as part
17 of speed enforcement efforts.]

18 (4) (i) The department may promulgate regulations for
19 the certification and use of LIDAR. In order to
20 facilitate the prompt implementation of this subsection,
21 the department may promulgate temporary regulations,
22 which shall not be subject to:

23 (A) Section 612 of The Administrative Code of
24 1929.

25 (B) Sections 201, 202, 203, 204 and 205 of the
26 Commonwealth Documents Law.

27 (C) Section 204(b) of the Commonwealth Attorneys
28 Act.

29 (D) The Regulatory Review Act.

30 (ii) Temporary regulations adopted under this

1 paragraph shall expire after three years or upon
2 promulgation of final regulations for this subsection,
3 whichever is sooner.

4 Section 5. This act shall take effect as follows:

- 5 (1) The amendment or addition of 75 Pa.C.S. §§ 3362.1(b)
6 (2) and 3368(d)(7) shall take effect immediately.
7 (2) This section shall take effect immediately.
8 (3) The remainder of this act shall take effect in 180
9 days.