

THE GENERAL ASSEMBLY OF PENNSYLVANIA

HOUSE BILL

No. 2550 Session of 2022

INTRODUCED BY MEHAFFIE, DELOZIER, HARKINS, LONGIETTI, MILLARD, PICKETT, ROTHMAN, JOZWIAK AND KERWIN, APRIL 8, 2022

AS REPORTED FROM COMMITTEE ON TRANSPORTATION, HOUSE OF REPRESENTATIVES, AS AMENDED, APRIL 26, 2022

AN ACT

1 Amending Title 75 (Vehicles) of the Pennsylvania Consolidated
2 Statutes, in transfer of State highways, further providing <--
3 for definitions and establishing the Traffic Signal
4 Modernization Pilot Program. IN TAXES FOR HIGHWAY MAINTENANCE <--
5 AND CONSTRUCTION, FURTHER PROVIDING FOR ALLOCATION OF
6 PROCEEDS.

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

9 Section 1. Section 9201 of Title 75 of the Pennsylvania <--
10 Consolidated Statutes is amended by adding definitions to read:
11 § 9201. Definitions.

12 The following words and phrases when used in this chapter
13 shall have the meanings given to them in this section unless the
14 context clearly indicates otherwise:

15 "Adaptive signal control technology." A traffic signal
16 system that utilizes sensors to monitor traffic flow, vehicle
17 delay and queues in order to optimize the timing plan of the
18 traffic signal in real time.

19 * * *

1 ~~"Traffic signal technology." Any of the following:~~

2 ~~(1) A system that synchronizes and times traffic~~
3 ~~signals.~~

4 ~~(2) Adaptive signal control technology.~~

5 Section 2. Title 75 is amended by adding a section to read:

6 ~~§ 9209. Traffic Signal Modernization Pilot Program.~~

7 ~~(a) Establishment. The Traffic Signal Modernization Pilot~~
8 ~~Program is established as a pilot program within the department.~~
9 ~~Money appropriated for the pilot program shall be used by the~~
10 ~~department for the issuance of grants to municipalities located~~
11 ~~within counties of the third through eighth class for the~~
12 ~~purpose of installing traffic signal technology on traffic~~
13 ~~signals located on a State highway.~~

14 ~~(b) Application period. The department shall receive~~
15 ~~applications for the pilot program from municipalities for an~~
16 ~~application period beginning no later than 90 days after the~~
17 ~~effective date of this section. The application period under~~
18 ~~this subsection shall be no less than 30 days. The department~~
19 ~~may not accept applications for the pilot program after the~~
20 ~~expiration of the application period.~~

21 ~~(c) Submission of applications. A municipality may submit~~
22 ~~an application for the pilot program to the department during~~
23 ~~the application period under subsection (b) on a form and in a~~
24 ~~manner required by the department.~~

25 ~~(d) Review of applications. Upon receipt of the~~
26 ~~applications under subsection (c), the department shall review~~
27 ~~the applications on a rolling basis for approval under~~
28 ~~subsection (e).~~

29 ~~(e) Requirements for approval. An application submitted by~~
30 ~~a municipality under subsection (c) may be approved by the~~

1 ~~department if the application includes all of the following~~
2 ~~information:~~

3 ~~(1) The State highway on which the municipality proposes~~
4 ~~to install traffic signal technology.~~

5 ~~(2) A description of the proposed traffic signal~~
6 ~~technology on the proposed State highway under paragraph (1).~~

7 ~~(3) An estimate of the cost of the proposed traffic~~
8 ~~signal technology under paragraph (2).~~

9 ~~(4) A description of the need for the proposed traffic~~
10 ~~signal technology under paragraph (2), including a~~
11 ~~demonstration of the growth in the traffic of the proposed~~
12 ~~State highway segment.~~

13 ~~(5) Any other information as may be required by the~~
14 ~~department.~~

15 ~~(f) Acceptance and award. From money appropriated for the~~
16 ~~pilot program under this section, the department shall award~~
17 ~~grants to municipalities for the installation of traffic signal~~
18 ~~technology.~~

19 SECTION 1. SECTION 9511 OF TITLE 75 OF THE PENNSYLVANIA <--
20 CONSOLIDATED STATUTES IS AMENDED BY ADDING A SUBSECTION TO READ:
21 § 9511. ALLOCATION OF PROCEEDS.

22 * * *

23 (E.2) ALLOCATION FOR TRAFFIC SIGNAL MODERNIZATION PILOT
24 PROGRAM.--

25 (1) FROM MONEY APPROPRIATED TO THE DEPARTMENT FOR THE
26 PURPOSE, THE TRAFFIC SIGNAL MODERNIZATION PILOT PROGRAM IS
27 ESTABLISHED AS A PILOT PROGRAM WITHIN THE DEPARTMENT TO
28 PROVIDE FINANCIAL ASSISTANCE TO MUNICIPALITIES FOR INSTALLING
29 AND MAINTAINING TRAFFIC SIGNAL TECHNOLOGIES AT EXISTING
30 TRAFFIC CONTROL SIGNALS.

1 (2) TRAFFIC SIGNAL TECHNOLOGIES INSTALLED WITH FINANCIAL
2 ASSISTANCE UNDER THIS SUBSECTION SHALL CONNECT TO A CENTRAL
3 LOCATION USING THE COMMONWEALTH COMMUNICATIONS NETWORK.

4 (3) MUNICIPALITIES SHALL NOT BE REQUIRED TO PROVIDE
5 MATCHING FUNDS IN ORDER TO RECEIVE FINANCIAL ASSISTANCE UNDER
6 THIS SUBSECTION.

7 (4) TRAFFIC SIGNAL TECHNOLOGIES ELIGIBLE FOR FUNDING
8 UNDER THIS SUBSECTION INCLUDE ANY OF THE FOLLOWING:

9 (I) A SYSTEM THAT SYNCHRONIZES AND TIMES TRAFFIC
10 SIGNALS.

11 (II) ADAPTIVE SIGNAL CONTROL TECHNOLOGY THAT
12 UTILIZES SENSORS TO MONITOR TRAFFIC FLOW, VEHICLE DELAY
13 AND QUEUES IN ORDER TO OPTIMIZE THE TIMING PLAN OF THE
14 TRAFFIC SIGNAL IN REAL TIME.

15 (III) CONTROLLER, DETECTION AND COMMUNICATION
16 TECHNOLOGY TO SUPPORT TRAFFIC SIGNAL TIMING AND
17 SYNCHRONIZATION UPDATES USING AUTOMATED TRAFFIC SIGNAL
18 PERFORMANCE MEASURES.

19 (IV) CONTROLLER AND COMMUNICATION TECHNOLOGY TO
20 SUPPORT UNIFIED COMMAND AND CONTROL.

21 * * *

22 Section 3 2. This act shall take effect in 60 days.

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