

GENERAL ASSEMBLY OF NORTH CAROLINA
SESSION 2015

FILED SENATE
Mar 17, 2015
S.B. 312
PRINCIPAL CLERK

S

D

SENATE DRS45148-MDa-53 (03/06)

Short Title: Motor Fleet Telematics Pilot Project.

(Public)

Sponsors: Senator Bingham (Primary Sponsor).

Referred to:

1 A BILL TO BE ENTITLED
2 AN ACT TO REQUIRE THE DIVISION OF MOTOR FLEET MANAGEMENT OF THE
3 DEPARTMENT OF ADMINISTRATION TO CONTRACT FOR THE DEVELOPMENT
4 AND IMPLEMENTATION OF A PILOT PROJECT TO TEST THE EFFECTIVENESS
5 AND EFFICIENCY OF USING TELEMATICS IN STATE-OWNED MOTOR
6 VEHICLES.

7 The General Assembly of North Carolina enacts:

8 **SECTION 1.** Definition. – For purposes of this act, the term "telematics" means
9 the integrated use of telecommunications and information technology in motor vehicles to
10 allow monitoring of motor vehicles within a motor fleet.

11 **SECTION 2.** Telematics Pilot Project. – No later than October 1, 2015, the
12 Division of Motor Fleet Management of the Department of Administration, in consultation with
13 the University of North Carolina School of Government and in collaboration with any State
14 agency the Division deems necessary, shall contract with a third party to develop and
15 implement a pilot project to test the effectiveness and efficiency of telematics. The pilot project
16 shall be subject to the following requirements:

- 17 (1) The pilot project shall provide for installation of telematics packages in a
18 sample that meets the following criteria:
19 a. The sample consists of no fewer than 450 motor vehicles.
20 b. The sample consists of only motor vehicles that are assigned to State
21 agencies under the supervision of the Division of Motor Fleet
22 Management.
23 c. The sample consists of only motor vehicles that have been assigned
24 to and used by a State agency for at least one year.
25 d. Vehicles included in the pilot program shall be selected using a
26 stratified random sampling technique such that the number of
27 vehicles in the sample from each agency is proportional to each
28 agency's share of the total number of vehicles assigned to all State
29 agencies by the Division of Motor Fleet Management.
30 e. The sample consists of vehicles selected randomly from among those
31 that meet the requirements of this subdivision.
32 (2) The pilot project shall include both basic telematics packages and
33 comprehensive telematics packages, which include safety alerts and remote
34 diagnostic reporting, so the Division may assess the costs of both against the
35 potential savings.
36 (3) The pilot project shall last for a period of two years.



* D R S 4 5 1 4 8 - M D A - 5 3 *

- 1 (4) Telematics packages on vehicles that are selected for inclusion in the pilot
2 program shall be activated within 14 days of installation.
- 3 (5) The Department of Administration shall inform all State agencies with
4 vehicles included in the pilot program of the general requirements and goals
5 of the pilot project. The Department shall instruct each affected agency to
6 inform any drivers of vehicles assigned to the agency of the existence of the
7 pilot program, of the fact that the vehicle they are driving is participating in
8 the pilot program, if applicable, and of the general goals and purposes of the
9 pilot program.

10 **SECTION 3.** Report. – The Division of Motor Fleet Management shall submit an
11 interim report on the status of the pilot project to the Joint Legislative Committee on
12 Governmental Operations and to the Program Evaluation Division of the General Assembly no
13 later than December 1, 2016, and shall submit to those entities a final report on the project no
14 later than December 1, 2017. The reports shall include all of the following:

- 15 (1) A summary description of the contract entered into pursuant to this act.
16 (2) A summary description of the sample of motor vehicles selected for
17 inclusion in the pilot program.
18 (3) An update on progress to date on the pilot project.
19 (4) An explanation of the types of data being generated as part of the pilot
20 project.
21 (5) Motor vehicle use policy modifications explaining how telematics
22 information will be used by the Division.
23 (6) An analysis of how telematics monitoring can be integrated with the fleet
24 information system of the Division.
25 (7) Any recommendations regarding which telematics service package (basic or
26 comprehensive) should be implemented.
27 (8) An estimate of the cost and a time line for installing telematics in all motor
28 vehicles under the control of the Division.
29 (9) The annual cost for using telematics in all motor vehicles under the control
30 of the Division.
31 (10) An estimate of cost savings resulting from the use of telematics.
32 (11) An analysis of changes in driver behavior that occurred after the installation
33 of telematics packages. This analysis shall include, but not be limited to,
34 data related to any change in miles traveled, daily usage, hard breaking, idle
35 time, and driving in excess of the speed limit.
36 (12) Any other information the Division deems necessary.

37 **SECTION 4.** Notification to and Cooperation by State Agencies. – Upon selection
38 of a vehicle for inclusion in the pilot program, the Department of Administration shall notify
39 the agency to which the vehicle is assigned that the vehicle will be participating in the pilot
40 program. State agencies shall cooperate with the Division of Motor Fleet Management in
41 implementing the pilot program, shall abide by any policies developed as part of the pilot
42 program, and shall not tamper or interfere with the pilot program in any way.

43 **SECTION 5.** Provision of Data to Program Evaluation Division. – The Division of
44 Motor Fleet Management shall provide all data generated under the pilot program required by
45 this act to the Program Evaluation Division of the General Assembly. The Program Evaluation
46 Division shall conduct a return on investment analysis of the pilot program and shall present
47 the results of this analysis and any recommendations related to the implementation of
48 telematics to the Joint Legislative Program Evaluation Oversight Committee no later than
49 December 1, 2017.

1 **SECTION 6.** Funding. – Of the funds appropriated to the Motor Fleet Management
2 Fund (Fund Code 74100-7211) for the 2015-2016 fiscal year, the sum of sixty-eight thousand
3 dollars (\$68,000) shall be used to enter into the contract required by Section 2 of this act.
4 **SECTION 7.** Effective Date. – This act becomes effective July 1, 2015.