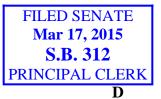
GENERAL ASSEMBLY OF NORTH CAROLINA SESSION 2015



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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 3	AN ACT TO REQUIRE THE DIVISION OF MOTOR FLEET MANAGEMENT OF THE				
3 4	DEPARTMENT OF ADMINISTRATION TO CONTRACT FOR THE DEVELOPMENT				
	AND IMPLEMENTATION OF A PILOT PROJECT TO TEST THE EFFECTIVENESS AND EFFICIENCY OF USING TELEMATICS IN STATE-OWNED MOTOR				
5 6	VEHICLES.				
0 7	The General Assembly of North Carolina enacts:				
8	SECTION 1. Definition. – For purposes of this act, the term "telematics" means				
8 9	the integrated use of telecommunications and information technology in motor vehicles to				
9 10	allow monitoring of motor vehicles within a motor fleet.				
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14	implement a pilot project to test the effectiveness and efficiency of telematics. The pilot project				
15 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 no rewer than 450 motor vehicles.				
20	agencies under the supervision of the Division of Motor Fleet				
$\frac{21}{22}$	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.				



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1 2	(4)	Telematics packages on vehicles that are selected for inclusion in the pilo program shall be activated within 14 days of installation.	ot	
3	(5)	The Department of Administration shall inform all State agencies with	th	
4	~ /	vehicles included in the pilot program of the general requirements and goal		
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 th		
7		pilot program, of the fact that the vehicle they are driving is participating in	n	
8		the pilot program, if applicable, and of the general goals and purposes of th		
9		pilot program.		
10	SECT	FION 3. Report. – The Division of Motor Fleet Management shall submit a	ın	
11	interim report of	on the status of the pilot project to the Joint Legislative Committee of	'n	
12		perations and to the Program Evaluation Division of the General Assembly ne		
13	later than Decem	ber 1, 2016, and shall submit to those entities a final report on the project ne	0	
14	later than Decem	ber 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	or	
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 pilo	ot	
20		project.		
21	(5)	Motor vehicle use policy modifications explaining how telematic	2S	
22		information will be used by the Division.	~ 4	
23 24	(6)	An analysis of how telematics monitoring can be integrated with the flee	el	
24 25	(7)	information system of the Division. Any recommendations regarding which telematics service package (basic o)r	
23 26	(7)	comprehensive) should be implemented.	Л	
20 27	(8)	An estimate of the cost and a time line for installing telematics in all moto)r	
28	(0)	vehicles under the control of the Division.	7	
20 29	(9)	The annual cost for using telematics in all motor vehicles under the control	51	
30	(-)	of the Division.	<i>,</i>	
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	m	
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, idl		
35		time, and driving in excess of the speed limit.		
36	(12)	Any other information the Division deems necessary.		
37	SECT	FION 4. Notification to and Cooperation by State Agencies. – Upon selection	'n	
38	of a vehicle for	inclusion in the pilot program, the Department of Administration shall notif	y	
39	the agency to w	hich the vehicle is assigned that the vehicle will be participating in the pilo	эt	
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		e Joint Legislative Program Evaluation Oversight Committee no later tha	n	
49	December 1, 201	1.		

General Assembly of North CarolinaSession 20151SECTION 6. Funding. – Of the funds appropriated to the Motor Fleet Management2Fund (Fund Code 74100-7211) for the 2015-2016 fiscal year, the sum of sixty-eight thousand3dollars (\$68,000) shall be used to enter into the contract required by Section 2 of this act.4SECTION 7. Effective Date. – This act becomes effective July 1, 2015.