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LEGISLATIVE ACTION

Senate	.	House
Comm: RCS	.	
01/18/2018	.	
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The Committee on Transportation (Brandes) recommended the following:

Senate Amendment (with title amendment)

Delete everything after the enacting clause
and insert:

Section 1. Section 316.0899, Florida Statutes, is created
to read:

316.0899 Florida Smart City Challenge Grant Program.-

(1) DEFINITIONS.-As used in this section, the term:

(a) "Grid-integrated vehicle" means a motor vehicle that
has the ability for two-way power flow between the vehicle and



11 the electric grid and the communications hardware and software
12 that allow for external control of battery charging and
13 discharging.

14 (b) "Matching funds" includes in-kind services, goods,
15 equipment, or other noncash contributions calculated at fair
16 market value.

17 (2) CREATION; GOALS.—The Florida Smart City Challenge Grant
18 Program is created within the Department of Transportation. The
19 goals of the grant program include, but are not limited to:

20 (a) Providing opportunities to municipalities and other
21 regions of the state to develop innovative smart mobility
22 solutions to local transportation challenges.

23 (b) Deploying smart city technology that has an immediate
24 impact on the safe and efficient movement of people and goods
25 within municipalities and other regions of the state.

26 (c) Advancing autonomous, connected, grid-integrated, and
27 electric vehicle readiness and deployment throughout the state.

28 (d) Providing enhanced education and workforce development
29 opportunities by deploying emerging technologies that support
30 the state's future workforce.

31 (e) Meeting the mobility needs of residents of this state,
32 particularly transportation disadvantaged persons as defined in
33 s. 427.011, by increasing access to and convenience of
34 transportation within municipalities and other regions of the
35 state.

36 (f) Facilitating the efficient movement of freight within
37 the state, especially in and around airports and seaports.

38 (g) Supporting the reduction or elimination of fossil fuel
39 consumption by relying on renewable energy sources and electric



40 technologies.

41 (h) Creating a smart mobility demonstration community in
42 the state that serves as a model for municipalities and other
43 regions nationwide.

44 (3) ELIGIBILITY REQUIREMENTS.—

45 (a) The following entities may apply to the Department of
46 Transportation for a grant to fund projects under the Florida
47 Smart City Challenge Grant Program:

48 1. A state, county, municipal, regional, or other agency
49 that is responsible for the movement of persons, goods, or
50 services within a defined geographical region, including an
51 entity created pursuant to chapter 343, chapter 348, or chapter
52 349.

53 2. A metropolitan planning organization or transportation
54 planning organization. Each entity responsible for deploying or
55 operating the project on behalf of a metropolitan planning
56 organization or transportation planning organization must submit
57 a letter to the department detailing its commitment to the
58 implementation, operation, and maintenance of the project.

59 3. A state university.

60 (b) An applicant for a Florida Smart City Challenge Grant
61 must have in place a plan or framework for the implementation of
62 the proposed project in at least one of the following
63 categories:

64 1. Autonomous vehicle deployment or demonstration.

65 2. Connected vehicle technology deployment.

66 3. Shared mobility services innovation and deployment.

67 4. Acceleration of the use of plug-in electric vehicles and
68 electric charging infrastructure, including deployment of grid-



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69 integrated vehicles.

70 (4) PROPOSALS.—By September 1, 2018, the Department of
71 Transportation shall issue a request for proposals for the award
72 of a Florida Smart City Challenge Grant. Each proposal submitted
73 to the department must include:

74 (a) A statement by the applicant certifying that the
75 project will be implemented and operational within 2 years after
76 receipt of the grant.

77 (b) A plan for fulfilling documentation requirements under
78 the department's Statewide Systems Engineering Management Plan
79 within such 2-year period.

80 (c) A description of how operation and maintenance costs
81 for the project will be funded in order to ensure that the
82 department's investment in the project is sustained.

83 (d) A plan for evaluation of the project and the methods by
84 which such evaluation will be shared with residents of the area
85 served by the project.

86 (e) The procedure for integrating the project's
87 transportation-related data into the department's Data
88 Integration and Video Aggregation System.

89 (5) AWARD OF GRANTS.—The Department of Transportation shall
90 award a Florida Smart City Challenge Grant to at least three
91 recipients. Each award may not exceed \$6 million. The department
92 shall distribute the award to each recipient by January 1, 2019.

93 (a) The grant may fund up to 50 percent of project costs.
94 At least 10 percent of project costs must be funded by the grant
95 recipient. Grant funds must be used exclusively for startup
96 costs, including, but not limited to, acquisition of hardware,
97 software, and assets associated with implementation of the



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98 project, and may not be used for costs associated with operation
99 or maintenance of the project.

100 (b) In selecting grant recipients, the department shall
101 give priority to those proposals that demonstrate the
102 availability of matching funds from partner organizations to
103 fund project costs and that include a plan for documenting the
104 acquisition and expenditure of such matching funds.

105 1. The department shall give further priority to those
106 proposals that include matching funds from private-sector
107 partner organizations; however, local public funds may also be
108 used.

109 2. Matching funds may be used for costs associated with
110 operation, maintenance, and evaluation of the project.

111 3. A grant recipient that receives matching funds must
112 document the contribution of such funds in a quarterly report
113 that details the manner in which the value of such contribution
114 is calculated.

115 (6) REPORTING REQUIREMENTS.-

116 (a) Each recipient of a Florida Smart City Challenge Grant
117 shall submit a quarterly report to the Department of
118 Transportation regarding the development, implementation, and
119 operation of the project. Such report must include information
120 documented pursuant to subparagraph (5)(b)3.

121 (b) The Department of Transportation must submit a
122 quarterly report to the President of the Senate and the Speaker
123 of the House of Representatives regarding the overall status of
124 the grant program.

125 (c) After implementation of the project is complete, each
126 recipient must submit an initial report to the Governor, the



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127 President of the Senate, and the Speaker of the House of
128 Representatives which details the project's impact on the
129 transportation system within the area served by the project, the
130 extent to which the goals of the grant program have been met,
131 and recommendations for project revisions or improvements to
132 guide future deployment activities. A final report must be
133 submitted 2 years after submission of the initial report.

134 (7) ADMINISTRATIVE SUPPORT.—The Department of
135 Transportation shall provide administrative support to the
136 Florida Smart City Challenge Grant Program in order to
137 facilitate the deployment of smart city technology within the
138 state, including, but not limited to, expedited review of
139 proposals submitted under subsection (4). The department may
140 select an independent nongovernmental entity to assist in
141 project construction, management, and evaluation; to oversee the
142 implementation of the project; and to analyze and document
143 lessons learned during, and benefits derived from,
144 implementation of the project. The nongovernmental entity must
145 have experience with the national Smart Cities Initiative,
146 advanced transportation deployment experience in this state,
147 extensive engineering experience, or expertise in stakeholder
148 engagement of potential partners to create a demonstration
149 community as described in paragraph (2) (h).

150 Section 2. For the 2018-2019 fiscal year, the sum of \$15
151 million in nonrecurring funds is appropriated from the State
152 Transportation Trust Fund to the Department of Transportation
153 for the purpose of implementing this act.

154 Section 3. This act shall take effect July 1, 2018.
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156 ===== T I T L E A M E N D M E N T =====

157 And the title is amended as follows:

158 Delete everything before the enacting clause

159 and insert:

160 A bill to be entitled

161 An act relating to the Florida Smart City Challenge
162 Grant Program; creating s. 316.0899, F.S.; defining
163 the terms "grid-integrated vehicle" and "matching
164 funds"; creating the program within the Department of
165 Transportation; providing program goals; providing
166 grant eligibility requirements; requiring the
167 department to issue a request for proposals by a
168 specified date; providing proposal requirements;
169 providing requirements for the award of grants and the
170 use of grant funds; providing reporting requirements;
171 requiring administrative support by the department;
172 authorizing the department to select an independent
173 nongovernmental entity to assist in project
174 construction, management, and evaluation for specified
175 purposes; providing requirements for the
176 nongovernmental entity; providing an appropriation;
177 providing an effective date.