

1                   A bill to be entitled  
 2           An act relating to the Florida Smart City Challenge  
 3           Grant Program; creating s. 316.0899, F.S.; creating  
 4           the program within the Department of Transportation;  
 5           providing program goals; providing grant eligibility  
 6           requirements; requiring the department to issue a  
 7           request for proposals; providing proposal  
 8           requirements; providing requirements for award of  
 9           grants and use of grant funds; providing reporting  
 10          requirements; requiring administrative support by the  
 11          department; providing an appropriation; providing an  
 12          effective date.

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 14   Be It Enacted by the Legislature of the State of Florida:

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

18          316.0899 Florida Smart City Challenge Grant Program.—

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

23          (a) Providing opportunities to municipalities and other  
 24          regions of the state to develop innovative smart mobility  
 25          solutions to local transportation challenges.

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

29 (c) Advancing autonomous, connected, and electric vehicle  
 30 readiness and deployment throughout the state.

31 (d) Providing enhanced education and workforce development  
 32 opportunities by deploying emerging technologies that support  
 33 the state's future workforce.

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

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

41 (g) Supporting the reduction or elimination of fossil fuel  
 42 consumption by relying on renewable energy sources and electric  
 43 technologies.

44 (h) Creating a smart mobility demonstration community in  
 45 the state that serves as a model for municipalities and other  
 46 regions nationwide.

47 (2) ELIGIBILITY REQUIREMENTS.—

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

51 1. A state, county, municipal, regional, or other agency  
52 that is responsible for the movement of persons, goods, or  
53 services within a defined geographical region, including an  
54 entity created pursuant to chapter 343, chapter 348, or chapter  
55 349.

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

62 3. A state university.

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

- 67 1. Autonomous vehicle deployment or demonstration.  
68 2. Connected vehicle technology deployment.  
69 3. Shared mobility services innovation and deployment.  
70 4. Acceleration of the use of plug-in electric vehicles  
71 and electric charging infrastructure.

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

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

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

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

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

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

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

95 (a) The grant may fund up to 50 percent of project costs.  
96 Grant funds must be used exclusively for costs associated with  
97 implementation of the project and may not be used for costs  
98 associated with operation, maintenance, or evaluation of the  
99 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 the remaining 50 percent of project costs and that include  
104 a plan for documenting the acquisition and expenditure of such  
105 matching funds. For purposes of this paragraph, "matching funds"  
106 includes in-kind services, goods, equipment, or other noncash  
107 contributions calculated at fair market value.

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

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

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

118 (5) REPORTING REQUIREMENTS.—

119 (a) Each recipient of a Florida Smart City Challenge Grant  
120 must submit a quarterly report to the Department of  
121 Transportation regarding the development, implementation, and  
122 operation of the project. Such report must include information  
123 documented pursuant to subparagraph (4) (b) 3.

124 (b) The Department of Transportation must submit a  
125 quarterly report to the President of the Senate and the Speaker

126 of the House of Representatives regarding the overall status of  
127 the grant program.

128 (c) After implementation of the project is complete, each  
129 recipient must submit an initial report to the President of the  
130 Senate and the Speaker of the House of Representatives which  
131 details the project's impact on the transportation system within  
132 the area served by the project, the extent to which the goals of  
133 the grant program have been met, and recommendations for project  
134 revisions or improvements to guide future deployment activities.  
135 A final report must be submitted 2 years after submission of the  
136 initial report.

137 (6) ADMINISTRATIVE SUPPORT.—The Department of  
138 Transportation shall provide administrative support to the  
139 Florida Smart City Challenge Grant Program in order to  
140 facilitate the deployment of smart city technology within the  
141 state, including, but not limited to, expedited review of  
142 proposals submitted under subsection (3).

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

147 Section 3. This act shall take effect July 1, 2018.