For Consideration by the Committee on Infrastructure and Security

A bill to be entitled

An act relating to electric vehicle charging station infrastructure; creating s. 366.945, F.S.; providing legislative findings; requiring the Public Service Commission, in consultation with the Department of Transportation and the Office of Energy within the Department of Agriculture and Consumer Services, to develop and recommend, by a specified date, to the Governor, the President of the Senate, and the Speaker of the House of Representatives a plan for the development of electric vehicle charging station infrastructure along the State Highway System; authorizing the commission to consult with other agencies as the commission deems appropriate; requiring the plan to include recommendations for legislation; authorizing the plan to include other recommendations as determined by the commission; providing the goals and objectives of the plan; requiring the commission to file a status report with the Governor and the Legislature by a specified date containing any preliminary recommendations, including recommendations for legislation; providing an effective date.

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

Section 1. Section 366.945, Florida Statutes, is created to read:

366.945 Electric vehicle charging stations; infrastructure
plan development.—

(1) The Legislature finds that:

(a) Climate change may have significant impacts to this state which will require the development of avoidance, adaptation, and mitigation strategies to address these potential impacts on future state projects, plans, and programs;

(b) A significant portion of the carbon dioxide emissions in this state are produced by the transportation sector;

(c) Electric vehicles can help reduce these emissions, thereby helping to reduce the impact of climate change on this state;

(d) The use of electric vehicles for non-local driving requires adequate, reliable charging stations to address electric vehicle battery range limitations;

(e) Having adequate, reliable charging stations along the State Highway System will also help with evacuations during hurricanes or other disasters;

(f) Ensuring the prompt installation of adequate, reliable charging stations is in the public interest; and

(g) A recommended plan for electric vehicle charging station infrastructure should be established to address changes in the emerging electric vehicle market and necessary charging infrastructure.

(2)(a) The commission, in coordination with the Department of Transportation and the Office of Energy within the Department of Agriculture and Consumer Services, shall develop and recommend a plan for current and future plans for the development of electric vehicle charging station infrastructure along the State Highway System, as defined in s. 334.03(24). The
commission may consult with other agencies as the commission deems appropriate. The recommended plan must be developed and submitted to the Governor, the President of the Senate, and the Speaker of the House of Representatives by July 1, 2021. The plan must include recommendations for legislation and may include other recommendations as determined by the commission.

(b) The goals and objectives of the plan include, but are not limited to, all of the following:

1. Projecting the increase in the use of electric vehicles in this state over the next 20 years and determining how to ensure an adequate supply of reliable electric vehicle charging stations to support and encourage this growth in a manner supporting a competitive market with ample consumer choice.

2. Evaluating and comparing the types of electric vehicle charging stations available at present and that may become available in the future, including the technology and infrastructure incorporated in such stations, along with the circumstances within which each type of station and infrastructure is typically used, including fleet charging, for the purpose of identifying any advantages to developing particular types or uses of these stations.

3. Considering strategies to develop this supply of charging stations, including, but not limited to, methods of building partnerships with local governments, other state and federal entities, electric utilities, the business community, and the public in support of electric vehicle charging stations.

4. Identifying the types or characteristics of possible locations for electric vehicle charging station infrastructure along the State Highway System to support a supply of electric
vehicle charging stations that will:

a. Accomplish the goals and objectives of this section;

b. Support both short-range and long-range electric vehicle travel;

c. Encourage the expansion of electric vehicle use in this state; and

d. Adequately serve evacuation routes in this state.

5. Identifying any barriers to the use of electric vehicles and electric vehicle charging station infrastructure both for short-range and long-range electric vehicle travel along the State Highway System.

6. Identifying an implementation strategy for expanding electric vehicle and charging station infrastructure use in this state.

7. Identifying the type of regulatory structure necessary for the delivery of electricity to electric vehicles and charging station infrastructure, including competitive neutral policies and the participation of public utilities in the marketplace.

8. Reviewing emerging technologies in the electric and alternative vehicle market, including alternative fuel sources.

(c) By December 1, 2020, the commission shall file a status report with the Governor, the President of the Senate, and the Speaker of the House of Representatives containing any preliminary recommendations, including recommendations for legislation.

Section 2. This act shall take effect July 1, 2020.