

Amend **CSHB 13** by adding the following appropriately numbered SECTION to the bill and renumbering subsequent SECTIONS of the bill accordingly:

SECTION _____. (a) In awarding and prioritizing project under Section 201.999(d), the department shall consider the results of a study with the following features described below. The Texas Department of Transportation, in coordination with the Texas A&M Transportation Institute, shall conduct a study regarding the costs and benefits of implementing a traffic light synchronization program similar to the Traffic Light Synchronization II Program that was implemented in this state by the Texas Department of Transportation.

(b) The study shall address:

(1) the benefits of using closed-loop control systems versus time-based control systems to synchronize traffic lights;

(2) potential changes in fuel consumption and traffic congestion that could result from traffic light synchronization; and

(3) potential environmental impacts of traffic light synchronization, including any potential reduction in pollution levels.

(c) As part of the study, the Texas Department of Transportation shall compile new data regarding the intersections in the cities that participated in the Traffic Light Synchronization II Program and review the data to analyze the efficiency and synchronicity of these intersections.

(d) Not later than October 1, 2016, the Texas Department of Transportation shall issue a report on the study required under this section to the governor, the lieutenant governor, the speaker of the house of representatives, and the appropriate standing committees of the house of representatives and the senate.

(e) This section expires September 1, 2017.