

By: Taylor of Collin

S.B. No. 1239

A BILL TO BE ENTITLED

1 AN ACT
2 relating to a study on the implementation of a traffic light
3 synchronization program.

4 BE IT ENACTED BY THE LEGISLATURE OF THE STATE OF TEXAS:

5 SECTION 1. (a) The Texas Department of Transportation, in
6 coordination with the Texas A&M Transportation Institute, shall
7 conduct a study regarding the costs and benefits of implementing a
8 traffic light synchronization program similar to the Traffic Light
9 Synchronization II Program that was implemented in this state by
10 the Texas Department of Transportation.

11 (b) The study shall address:

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

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

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

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

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

6 (e) This Act expires September 1, 2017.

7 SECTION 2. This Act takes effect immediately if it receives
8 a vote of two-thirds of all the members elected to each house, as
9 provided by Section 39, Article III, Texas Constitution. If this
10 Act does not receive the vote necessary for immediate effect, this
11 Act takes effect September 1, 2015.