

**AMENDMENT TO THE AMENDMENT IN THE
NATURE OF A SUBSTITUTE TO H.R. 2
OFFERED BY MR. GRAVES OF LOUISIANA**

At the end of subtitle C of title V of division B of the bill, add the following:

1 **SEC. ____ . THIRD-PARTY DATA INTEGRATION PILOT PRO-**
2 **GRAM.**

3 (a) IN GENERAL.—Not later than 180 days after en-
4 actment of this Act, the Secretary of Transportation shall
5 establish and implement a pilot program (in this section
6 referred to as the “program”) to leverage anonymous
7 crowdsourced data from third-party entities to improve
8 transportation management capabilities and efficiency on
9 Federal-aid highways.

10 (b) GOALS.—The goals of the program include the
11 utilization of anonymous crowdsourced data from third
12 parties to implement integrated traffic management sys-
13 tems which leverage real-time data to provide dynamic and
14 efficient traffic-flow management for purposes of—

15 (1) adjusting traffic light cycle times to opti-
16 mize traffic management and decrease congestion;

17 (2) expanding or contracting lane capacity to
18 meet traffic demand;

1 (3) enhancing traveler notification of service
2 conditions;

3 (4) prioritizing high-priority vehicles such as
4 emergency response and law enforcement within the
5 transportation system; and

6 (5) any other purposes which the Secretary
7 deems an appropriate use of anonymous user data.

8 (c) PARTNERSHIP.—In carrying out the program, the
9 Secretary is authorized to enter into agreements with pub-
10 lic and private sector entities to accomplish the goals listed
11 in subsection (b).

12 (d) DATA PRIVACY AND SECURITY.—The Secretary
13 shall ensure the protection of privacy for all sources of
14 data utilized in the program, promoting cybersecurity to
15 prevent hacking, spoofing, and disruption of connected
16 and automated transportation systems.

17 (e) PROGRAM LOCATIONS.—In carrying out the pro-
18 gram, the Secretary shall initiate programs in a variety
19 of areas, including urban, suburban, rural, tribal, or any
20 other appropriate settings.

21 (f) BEST PRACTICES.—Not later than 3 years after
22 date of enactment of this Act, the Secretary shall publicly
23 make available best practices to leverage private user data
24 to support improved transportation management capabili-
25 ties and efficiency, including—

1 (1) legal considerations when acquiring private
2 user data for public purposes; and

3 (2) protecting privacy and security of individual
4 user data.

5 (g) REPORT.—The Secretary shall annually submit
6 a report to the Committee on Transportation and Infra-
7 structure of the House of Representatives and the Com-
8 mittee on Environment and Public Works of the Senate
9 a report detailing—

10 (1) a description of the activities carried out
11 under the pilot program;

12 (2) an evaluation of the effectiveness of the
13 pilot program in meeting goals described in sub-
14 section (b);

15 (3) policy recommendations to improve integra-
16 tion of systems between public and private entities;
17 and

18 (4) a description of costs associated with equip-
19 ping and maintaining systems.

20 (h) AUTHORIZATION OF APPROPRIATIONS.—There is
21 authorized to be appropriated such sums as are necessary
22 to carry out the program.

1 (i) SUNSET.—On a date that is 5 years after the en-
2 actment of this Act, this program shall cease to be effec-
3 tive.

