

**AMENDMENT IN THE NATURE OF A SUBSTITUTE  
TO H.R. 1500  
OFFERED BY MR. GRAVES OF LOUISIANA**

Strike all after the enacting clause and insert the following:

**1 SECTION 1. SHORT TITLE.**

2       This Act may be cited as the “Intelligent Transpor-  
3 tation Integration Act”.

**4 SEC. 2. THIRD-PARTY DATA INTEGRATION PROGRAM.**

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

11       (b) PURPOSES.—The Secretary shall enable the use  
12 of anonymized data derived from third-party entities—

13               (1) to inform infrastructure planning decisions  
14 relating to—

15                       (A) reducing congestion;

16                       (B) decreasing miles traveled;

17                       (C) increasing safety;

18                       (D) improving freight efficiency;

1 (E) reducing wait times at freight facili-  
2 ties; and

3 (F) enhancing environmental conditions;  
4 and

5 (2) to facilitate integrated traffic management  
6 systems that leverage real-time data to provide dy-  
7 namic and efficient traffic flow management for the  
8 purposes of—

9 (A) adjusting traffic light cycle times to  
10 optimize traffic management and decrease con-  
11 gestion;

12 (B) expanding or contracting lane capacity  
13 to meet traffic demand;

14 (C) enhancing traveler notification of serv-  
15 ice conditions;

16 (D) prioritizing high-priority vehicles such  
17 as emergency response and law enforcement  
18 within the transportation system; and

19 (E) responding to severe weather events or  
20 conducting emergency evacuations; and

21 (3) for any other purpose the Secretary deter-  
22 mines is necessary to improve transportation man-  
23 agement capabilities and efficiency on Federal-aid  
24 highways and other assets on the nation's transpor-  
25 tation system.

1 (c) PARTNERSHIP; CONSULTATION.—

2 (1) IN GENERAL.—The Secretary is authorized  
3 to enter into agreements with public and private sec-  
4 tor entities to accomplish the purposes described in  
5 subsection (b).

6 (2) REQUIREMENTS.—Any agreement entered  
7 into under paragraph (1) between the Secretary and  
8 a data provider shall—

9 (A) be disclosed to the public; and

10 (B) include provisions that require the use  
11 of data protections for consumer privacy.

12 (3) CONSULTATION.—In carrying out the pro-  
13 gram, the Secretary shall consult with at least 1 or-  
14 ganization that supports the development of intel-  
15 ligent transportation systems in the public and pri-  
16 vate sectors.

17 (d) DATA PRIVACY AND ACCURACY.—In carrying out  
18 the program, the Secretary shall issue guidance on—

19 (1) the protection of privacy for all consumers  
20 and sources of data utilized in the program by—

21 (A) preventing reidentification of consumer  
22 data;

23 (B) precluding the sources from providing  
24 the program with biometric or automatic license  
25 plate reader data; and

1 (C) preventing data utilized in the program  
2 from being used by any government entity for  
3 any purpose other than the purposes described  
4 in subsection (b); and

5 (2) the accuracy of data utilized in the program  
6 by preventing—

7 (A) hacking, spoofing, and disruption of  
8 connected and automated transportation sys-  
9 tems; and

10 (B) the incorporation of inaccurate data,  
11 including inaccurate data generated by artificial  
12 intelligence.

13 (e) PROGRAM LOCATIONS.—In carrying out the pro-  
14 gram, the Secretary shall enter into agreements with pub-  
15 lic and private sector entities serving a variety of areas,  
16 including urban, suburban, rural, tribal, or any other ap-  
17 propriate settings.

18 (f) BEST PRACTICES.—Not later than 3 years after  
19 date of enactment of this Act, the Secretary shall publicly  
20 make available best practices to leverage private consumer  
21 data to support improved transportation management ca-  
22 pabilities and efficiency, including—

23 (1) legal considerations when acquiring private  
24 consumer data for public purposes; and

1           (2) protecting privacy and security of individual  
2           consumer data.

3           (g) EFFECTIVE IMPLEMENTATION.—The Secretary  
4           may take such actions as necessary to maximize the effec-  
5           tive implementation of this Act, including consolidating re-  
6           quirements under this Act within other activities of the  
7           Department of Transportation.

8           (h) REPORT.—The Secretary shall submit an annual  
9           report to the Committee on Transportation and Infra-  
10          structure of the House of Representatives and the Com-  
11          mittee on Environment and Public Works of the Senate  
12          detailing—

13           (1) a description of the activities carried out  
14           under the program;

15           (2) an evaluation of the effectiveness of the pro-  
16           gram in meeting the purposes described in sub-  
17           section (b);

18           (3) policy recommendations to improve the im-  
19           plementation of anonymized data into planning deci-  
20           sions; and

21           (4) a description of costs associated with equip-  
22           ping and maintaining integrated traffic management  
23           systems.

