

Union Calendar No. 638

118TH CONGRESS
2^D SESSION

H. R. 1500

[Report No. 118-772]

To establish a program to use anonymized data from third-party entities to inform infrastructure planning decisions and to improve transportation management capabilities and efficiency on Federal-aid highways, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

MARCH 9, 2023

Mr. GRAVES of Louisiana (for himself and Mr. CARBAJAL) introduced the following bill; which was referred to the Committee on Transportation and Infrastructure

NOVEMBER 26, 2024

Additional sponsor: Mrs. GONZÁLEZ-COLÓN

NOVEMBER 26, 2024

Reported with an amendment, committed to the Committee of the Whole House on the State of the Union, and ordered to be printed

[Strike out all after the enacting clause and insert the part printed in *italic*]

[For text of introduced bill, see copy of bill as introduced on March 9, 2023]

A BILL

To establish a program to use anonymized data from third-party entities to inform infrastructure planning decisions and to improve transportation management capabilities and efficiency on Federal-aid highways, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 *This Act may be cited as the “Intelligent Transpor-*
5 *tation Integration Act”.*

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

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

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

15 (1) *to inform infrastructure planning decisions*
16 *relating to—*

17 (A) *reducing congestion;*

18 (B) *decreasing miles traveled;*

19 (C) *increasing safety;*

20 (D) *improving freight efficiency;*

21 (E) *reducing wait times at freight facilities;*

22 *and*

23 (F) *enhancing environmental conditions;*

24 (2) *to facilitate integrated traffic management*
25 *systems that leverage real-time data to provide dy-*

1 *namic and efficient traffic flow management for the*
2 *purposes of—*

3 *(A) adjusting traffic light cycle times to op-*
4 *imize traffic management and decrease conges-*
5 *tion;*

6 *(B) expanding or contracting lane capacity*
7 *to meet traffic demand;*

8 *(C) enhancing traveler notification of serv-*
9 *ice conditions;*

10 *(D) prioritizing high-priority vehicles such*
11 *as emergency response and law enforcement*
12 *within the transportation system; and*

13 *(E) responding to severe weather events or*
14 *conducting emergency evacuations; and*

15 *(3) for any other purpose the Secretary deter-*
16 *mines is necessary to improve transportation man-*
17 *agement capabilities and efficiency on Federal-aid*
18 *highways and other assets on the nation's transpor-*
19 *tation system.*

20 *(c) PARTNERSHIP; CONSULTATION.—*

21 *(1) IN GENERAL.—The Secretary is authorized to*
22 *enter into agreements with public and private sector*
23 *entities to accomplish the purposes described in sub-*
24 *section (b).*

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

4 (A) be disclosed to the public; and

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

7 (3) *CONSULTATION.*—In carrying out the pro-
8 gram, the Secretary shall consult with at least 1 orga-
9 nization that supports the development of intelligent
10 transportation systems in the public and private sec-
11 tors.

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

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

16 (A) preventing reidentification of consumer
17 data;

18 (B) precluding the sources from providing
19 the program with biometric, electronic logging
20 device, or automatic license plate reader data;
21 and

22 (C) preventing data utilized in the program
23 from being used by any government entity for
24 any purpose other than the purposes described in
25 subsection (b) (including for automated traffic

1 *enforcement, red light camera systems, and speed*
2 *camera systems); and*

3 *(2) the accuracy of data utilized in the program*
4 *by preventing—*

5 *(A) hacking, spoofing, and disruption of*
6 *connected and automated transportation systems;*
7 *and*

8 *(B) the incorporation of inaccurate data,*
9 *including inaccurate data generated by artificial*
10 *intelligence.*

11 *(e) PROGRAM LOCATIONS.—In carrying out the pro-*
12 *gram, the Secretary shall enter into agreements with public*
13 *and private sector entities serving a variety of areas, in-*
14 *cluding urban, suburban, rural, tribal, or any other appro-*
15 *priate settings.*

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

21 *(1) legal considerations when acquiring private*
22 *consumer data for public purposes; and*

23 *(2) protecting privacy and security of individual*
24 *consumer data.*

1 (g) *EFFECTIVE IMPLEMENTATION.*—*The Secretary*
2 *may take such actions as necessary to maximize the effective*
3 *implementation of this Act, including consolidating re-*
4 *quirements under this Act within other activities of the De-*
5 *partment of Transportation.*

6 (h) *REPORT.*—*The Secretary shall submit an annual*
7 *report to the Committee on Transportation and Infrastruc-*
8 *ture of the House of Representatives and the Committee on*
9 *Environment and Public Works of the Senate detailing—*

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

12 (2) *an evaluation of the effectiveness of the pro-*
13 *gram in meeting the purposes described in subsection*
14 *(b);*

15 (3) *policy recommendations to improve the im-*
16 *plementation of anonymized data into planning deci-*
17 *sions; and*

18 (4) *a description of costs associated with equip-*
19 *ping and maintaining integrated traffic management*
20 *systems.*

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