

**AMENDMENT TO THE AMENDMENT IN THE
NATURE OF A SUBSTITUTE TO H.R. 3684
OFFERED BY MR. GRAVES OF LOUISIANA**

Page 686, line 16, strike “and inserting ‘or’;” and insert “and inserting a semicolon”.

Page 686, line 20, strike “tourism.” and insert “tourism; or”.

Page 686, after line 6, insert the following:

1 **SEC. 1635. HIGHWAY SAFETY DISCRETIONARY GRANT PRO-**
2 **GRAM FOR AUTOMATED VEHICLE INFRA-**
3 **STRUCTURE.**

4 (a) ESTABLISHMENT.—The Secretary of Transpor-
5 tation shall establish and implement a program (in this
6 section referred to as the “Program”) to enhance highway
7 safety through roadway improvements to support the safe
8 testing and deployment of automated vehicle technology.

9 (b) GRANT AUTHORITY.—

10 (1) IN GENERAL.—In carrying out the program
11 established under subsection (a), the Secretary may
12 make grants, on a competitive basis, to an eligible
13 entity for an eligible project in accordance with this
14 section.

1 (2) GRANT AMOUNT.—A grant made under this
2 section shall be in an amount that is not less than
3 \$1,000,000 and not more than \$10,000,000.

4 (c) ELIGIBILITY.—

5 (1) ELIGIBLE ENTITIES.—The Secretary may
6 make a grant under this section to the following en-
7 tities:

8 (A) A State department of transportation.

9 (B) A metropolitan planning organization
10 that serves an urbanized area, as such term is
11 defined in section 134(b) of title 23, United
12 States Code.

13 (C) A unit of local government.

14 (D) A Tribal government.

15 (E) A combination of eligible applicants
16 described in subparagraphs (A) through (D).

17 (2) ELIGIBLE PROJECTS.—The Secretary may
18 make a grant under this section for projects that are
19 consistent with the updates to the Manual on Uni-
20 form Traffic Control Devices for Streets and High-
21 ways under section 3 of this Act.

22 (d) APPLICATIONS.—To be eligible for a grant under
23 this section, an eligible entity shall submit to the Secretary
24 an application in such form, at such time, and containing

1 such information as the Secretary determines is appro-
2 priate.

3 (e) FEDERAL SHARE.—The Federal share of the cost
4 of a project carried out with funds provided by a grant
5 under this section shall be 100 percent.

6 (f) REPORT.—The Secretary shall make available on
7 the website of the Department of Transportation at the
8 end of each fiscal year for which a grant has been awarded
9 under this section a report that lists each project for which
10 a grant has been provided under this section during such
11 fiscal year and prior fiscal years and whether such project
12 has been completed.

13 (g) EFFECTIVE DATE.—This section shall take effect
14 on the date on which the Secretary has finalized the modi-
15 fications to the Manual on Uniform Traffic Control De-
16 vices for Streets and Highways required under section
17 3(a) of this Act.

18 (h) AUTHORIZATION OF APPROPRIATIONS.—There is
19 authorized to be appropriated from the Highway Trust
20 Fund (other than the Mass Transit Account)
21 \$100,000,000 for each of fiscal years 2022 through 2026
22 to carry out this section.

1 **SEC. 1636. UPDATE ON THE MANUAL ON UNIFORM TRAFFIC**
2 **CONTROL DEVICES.**

3 (a) **IN GENERAL.**—Not later than 180 days after the
4 date of enactment of this Act, the Secretary of Transpor-
5 tation shall update the Manual on Uniform Traffic Con-
6 trol Devices to include a new chapter that provides general
7 considerations for vehicle automation as State and local
8 transportation agencies assess the infrastructure needs of
9 such agencies, prepare the roadways of such agencies for
10 automated vehicle technologies, and support the safe test-
11 ing and deployment of automated vehicle technology.

12 (b) **NATURE OF UPDATE AS TO AUTOMATED VEHI-**
13 **CLES.**—The update required under subsection (a) pro-
14 viding general considerations for vehicle automation may
15 include only “guidance”, “option”, and “support” state-
16 ments and not “standard” statements, as such terms are
17 defined in the Manual on Uniform Traffic Control Devices
18 for Streets and Highways.

19 (c) **NO IMPACT ON OTHER MUTCD CHAPTERS.**—
20 The update required under subsection (a) shall not pre-
21 vent or restrict the Secretary from establishing standards
22 in any other chapter of the Manual on Uniform Traffic
23 Control Devices for Streets and Highways, nor restrict the
24 ability of the Secretary to establish binding standards to
25 any chapter in future amendments to the Manual.

1 **SEC. 1637. ELIGIBILITY UNDER ADDITIONAL PROGRAMS.**

2 (a) HIGHWAY SAFETY IMPROVEMENT PROGRAM.—

3 Section 148(a)(4)(B) of title 23, United States Code, is
4 amended by adding at the end the following:

5 “(xxx) Roadway improvements that
6 are consistent with the updates to the
7 Manual on Uniform Traffic Control De-
8 vices for Streets and Highways to support
9 the safe testing and deployment of auto-
10 mated vehicle technology described in sec-
11 tion 3 of the AV Infrastructure Act of
12 2021.”.

13 (b) NATIONAL HIGHWAY PERFORMANCE PRO-
14 GRAM.—Section 119(d)(2) of title 23, United States Code,
15 is amended by adding at the end the following:

16 “(V) Roadway improvements that are con-
17 sistent with the updates to the Manual on Uni-
18 form Traffic Control Devices for Streets and
19 Highways to support the safe testing and de-
20 ployment of automated vehicle technology de-
21 scribed in section 3 of the AV Infrastructure
22 Act of 2021.”.

23 (c) SURFACE TRANSPORTATION BLOCK GRANT PRO-
24 GRAM.—Section 133(b) of title 23, United States Code,
25 is amended by adding at the end the following:

1 “(22) Roadway improvements that are con-
2 sistent with the updates to the Manual on Uniform
3 Traffic Control Devices for Streets and Highways to
4 support the safe testing and deployment of auto-
5 mated vehicle technology described in section 3 of
6 the AV Infrastructure Act of 2021.”.

7 (d) CONGESTION MITIGATION AND AIR QUALITY IM-
8 PROVEMENT PROGRAM.—Section 149(b) of title 23,
9 United States Code, is amended by adding at the end the
10 following:

11 “(11) if the project or program is for the instal-
12 lation of roadway improvements that are consistent
13 with the updates to the Manual on Uniform Traffic
14 Control Devices for Streets and Highways to sup-
15 port the safe testing and deployment of automated
16 vehicle technology described in section 3 of the AV
17 Infrastructure Act of 2021.”.

