AMENDMENT NO.______     Calendar No.______

Purpose: To require a study of impacts on roads from self-driving vehicles.


S. ______

To amend title 23, United States Code, to authorize funds for Federal-aid highways and highway safety construction programs, and for other purposes.

Referred to the Committee on ______ and ordered to be printed

Ordered to lie on the table and to be printed

AMENDMENT intended to be proposed by Ms. DUCKWORTH

Viz:

1. At the end of subtitle E of title I, insert the following:

2. SEC. 15. STUDY OF IMPACTS ON ROADS FROM SELF-DRIVING VEHICLES.

3. (a) In General.—Not later than 60 days after the date of enactment of this Act, the Administrator of the Federal Highway Administration (referred to in this section as the "Administrator") shall initiate a study on the existing and future impacts of self-driving vehicles to transportation infrastructure, mobility, the environment, and safety, including impacts on—
(1) the Interstate System (as defined in section
101(a) of title 23, United States Code);
(2) urban roads;
(3) rural roads;
(4) corridors with heavy traffic congestion;
(5) transportation systems optimization; and
(6) any other areas or issues relevant to opera-
tions of the Federal Highway Administration that
the Administrator determines to be appropriate.

(b) CONTENTS OF STUDY.—The study under sub-
section (a) shall include specific recommendations for both
rural and urban communities regarding the impacts of
self-driving vehicles on existing transportation system ca-
pacity.

(c) CONSIDERATIONS.—In carrying out the study
under subsection (a), the Administrator shall—

(1) consider the need for and recommend any
policy changes to be undertaken by the Federal
Highway Administration on the impacts of self-driv-
ing vehicles as identified under paragraph (2); and

(2) for both rural and urban communities, in-
clude a discussion of—

(A) the impacts that self-driving vehicles
will have on existing transportation infrastruc-
ture, such as signage and markings, traffic lights, and highway capacity and design;

(B) the impact on commercial and private traffic flows;

(C) infrastructure improvement needs that may be necessary for transportation infrastructure to accommodate self-driving vehicles;

(D) the impact of self-driving vehicles on the environment, congestion, and vehicle miles traveled; and

(E) the impact of self-driving vehicles on mobility.

(d) COORDINATION.—In carrying out the study under subsection (a), the Administrator shall consider and incorporate relevant current and ongoing research of the Department.

(e) CONSULTATION.—In carrying out the study under subsection (a), the Administrator shall convene and consult with a panel of national experts in both rural and urban transportation, including—

(1) operators and users of the Interstate System (as defined in section 101(a) of title 23, United States Code), including private sector stakeholders;

(2) States and State departments of transportation;
(3) metropolitan planning organizations;
(4) the motor carrier industry;
(5) representatives of public transportation agencies or organizations;
(6) highway safety and academic groups;
(7) nonprofit entities with experience in transportation policy;
(8) National Laboratories (as defined in section 2 of the Energy Policy Act of 2005 (42 U.S.C. 15801));
(9) environmental stakeholders; and
(10) self-driving vehicle producers, manufacturers, and technology developers.

(f) REPORT.—Not later than 1 year after the date on which the study under subsection (a) is initiated, the Administrator shall submit a report on the results of the study to—

(1) the Committee on Environment and Public Works of the Senate; and
(2) the Committee on Transportation and Infrastructure of the House of Representatives.