

**H.R. 3763, the Surface Transportation Reauthorization and Reform Act of 2015  
Shuster Manager's Amendment**

*October 22, 2015*

<b>Lead Sponsor</b>	<b>Amendment Description</b>	<b>PDF File Name</b>	<b>Modified?</b>
Babin	Designate Central Texas high priority corridor	Babin_51	Y
Brownley	Clarify Grade Crossing Eligibility in STP Block Grant	Brownley_28	N
Capuano	Expand eligibility for Advanced Deployment grants	Capuano_33	N
Comstock	Extend authority for fuel-efficient vehicles on HOV	Comstock_15	Y
Curbelo	Safe Streets	Curbelo_27	N
Davis	Allow comprehensive DUI screenings under Sec. 405 grants	Davis_29	N
Denham	Encourage pollinator habitat and forage	Denham_38	N
Duncan	Require FMCSA report and proposed solutions to skills testing delays	Duncan_23	N
Esty	EV, Hydrogen, and Natural Gas Charging Corridors	Esty_57	N
Esty	Study on Bridge Performance	Esty_58	Y
Hahn	Add youth unemployment grants to innovative workforce eligibilities	Hahn_48	N
Hahn	Prioritize "last mile" roads in the freight network	Hahn_50	N
Huffman	Eliminate change to EIS comment deadline	Huffman_112	N
Johnson	Set limitations on redistribution of TIFIA funding	Johnson_62	N
Katko	Designate I-81 as a high priority corridor	Katko_47	N
Katko	Sense of Congress that FHWA take steps to protect highway workers	Katko_50	
Kirkpatrick	Increase STIC to 2% in 2019	Kirkpatrick_	Y
Larsen	Redistribute unused ferry funding	Larsen_33	N
Lipinski	Eligibility for zero-emission bus deployment technical assistance	Lipinski_50	N
Napolitano	Allow states to relinquish park-and-ride facilities	Napolitano_12	Y
Napolitano	Paratransit coordinated fares	Napolitano_14	Y
Norton	Provide direct FTA oversight over WMATA	Norton_59	N

Lead Sponsor	Amendment Description	PDF File Name	Modified?
Ribble	Establish Motorcyclist Advisory Council	Ribble_23	N
Rokita	Adds consideration of critical commerce corridors in freight network	Rokita_30	Y
Sires	Encourages MPOs to create congestion mitigation plan	Sires_09	Y
Walters	Innovative pavement materials	Walters_10	N
Woodall	Physician approved veteran operators for CDL medical exams	Woodall_14	N
Provisions from the Committee on Science, Space, & Technology			
Comstock	Highway pavement efficiency study		Y
Comstock	Motorcycle safety study		Y
Comstock	Hazmat R&D		Y
Comstock	Web-based emergency training		Y
Comstock	America Competes Act prize competitions		N
Comstock	ITS goal to prevent hacking of connected and autonomous vehicles		Y
Esty	Bridge corrosion goals		Y
Johnson	Expanding UTC outreach activities to women and underrepresented populations		N
Johnson	Minority institutions preference for UTCs		N
Lipinski	University Transportation Center restrictions		Y
Lipinski	Transportation Tech policy working group		Y
Lipinski	Research and Technology collaboration and support		Y
Lipinski	GAO report on autonomous transportation		Y

✓ agreed to  
by voice vote

**AMENDMENT TO H.R. 3763**  
**OFFERED BY MR. SHUSTER OF PENNSYLVANIA**

Page 31, beginning on line 18, strike “At the request of a State, the Secretary may” and insert “Upon Secretarial approval of credit assistance under chapter 6, the Secretary, at the request of a State, may”.

Page 34, line 16, before the period insert “, including railway-highway grade crossings”.

Page 36, beginning on line 7, strike “and with the Secretary’s approval,” and insert “and upon Secretarial approval of credit assistance under chapter 6,”.

Page 36, line 20, strike “Any project” and insert “Any type of project”.

Page 60, beginning on line 19, strike “designate critical emerging freight corridors.” and insert “are part of critical emerging freight corridors or critical commerce corridors.”.

Page 63, beginning on line 6, strike “corridors.” and insert “corridors or critical commerce corridors.”.

Page 110, line 1, strike “(7) in subsection (k)(3)(A), by inserting” and insert the following:

1 (7) in subsection (k)(3)—

2 (A) in subparagraph (A) by inserting

Page 110, line 6, strike the semicolon and insert “;  
and”.

Page 110, after line 6, insert the following:

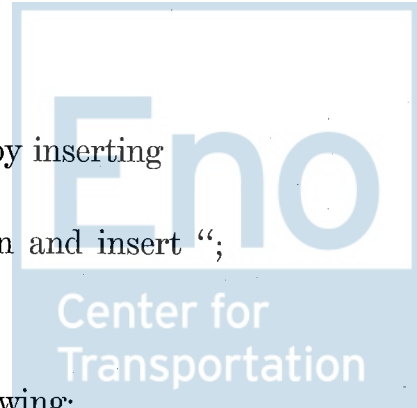
3 (B) by adding at the end the following:

4 “(C) CONGESTION MANAGEMENT PLAN.—

5 A metropolitan planning organization with a  
6 transportation management area may develop a  
7 plan that includes projects and strategies that  
8 will be considered in the TIP of such metropoli-  
9 tan planning organization. Such plan shall—

10 “(i) develop regional goals to reduce  
11 vehicle miles traveled during peak com-  
12 muting hours and improve transportation  
13 connections between areas with high job  
14 concentration and areas with high con-  
15 centrations of low-income households;

16 “(ii) identify existing public transpor-  
17 tation services, employer-based commuter  
18 programs, and other existing transpor-  
19 tation services that support access to jobs  
20 in the region; and



1                   “(iii) identify proposed projects and  
2                   programs to reduce congestion and in-  
3                   crease job access opportunities.

4                   “(D) PARTICIPATION.—In developing the  
5                   plan under subparagraph (C), a metropolitan  
6                   planning organization shall consult with em-  
7                   ployers, private and non-profit providers of pub-  
8                   lic transportation, transportation management  
9                   organizations, and organizations that provide  
10                  job access reverse commute projects or job-re-  
11                  lated services to low-income individuals.”;

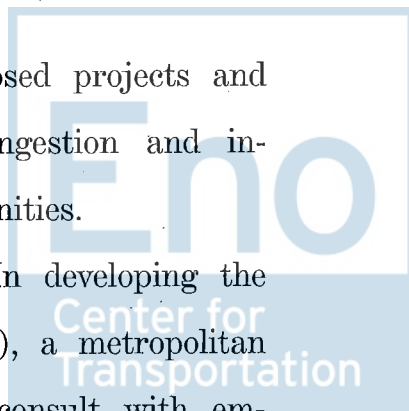
Page 133, strike lines 1 through 21 (and redesignate subsequent paragraphs accordingly).

Page 181, line 14, strike “and” at the end.

Page 181, line 25, strike the semicolon and insert “; and”.

Page 181, after line 25, insert the following:

12                  (C) in paragraph (5)—  
13                         (i) in subparagraph (A) by striking  
14                         “2017” and inserting “2021”; and  
15                         (ii) in subparagraph (B) by striking  
16                         “2017” and inserting “2021”;



Page 191, line 16, after “title” insert the following:  
“(excluding projects for which funds are transferred to agencies other than the Federal Highway Administration)”.

Page 192, line 6, after “title” insert the following:  
“(excluding projects for which funds are transferred to agencies other than the Federal Highway Administration)”.

Page 195, line 8, strike the closing quotation marks and the final period.

Page 195, after line 8, insert the following:

1           “(84) The Central Texas Corridor commencing  
2           at the logical terminus of Interstate Route 10, gen-  
3           erally following portions of United States Route 190  
4           eastward, passing in the vicinity Fort Hood, Killeen,  
5           Belton, Temple, Bryan, College Station, Huntsville,  
6           Livingston, and Woodville, to the logical terminus of  
7           Texas Highway 63 at the Sabine River Bridge at  
8           Burrs Crossing.

9           “(85) Interstate Route 81 in New York from its  
10          intersection with Interstate Route 86 to the United  
11          States-Canadian border.”.

Page 202, strike line 7 through line 14 and insert  
the following:

1 **SEC. 1412. SAFETY FOR USERS.**

2 (a) **IN GENERAL.**—The Secretary shall encourage  
3 each State and metropolitan planning organization to  
4 adopt standards for the design of Federal surface trans-  
5 portation projects that provide for the safe and adequate  
6 accommodation (as determined by the State) in all phases  
7 of project planning, development, and operation, of all  
8 users of the surface transportation network, including mo-  
9 torized and nonmotorized users.

10 (b) **REPORT.**—Not later than 2 years after the date  
11 of enactment of this section, the Secretary shall make  
12 available to the public a report cataloging examples of  
13 State law or State transportation policy that provides for  
14 the safe and adequate accommodation, in all phases of  
15 project planning, development, and operation of all users  
16 of the surface transportation network.

17 (c) **BEST PRACTICES.**—Based on the report required  
18 under subsection (b), the Secretary shall identify and dis-  
19 seminate examples of best practices where States have  
20 adopted measures that have successfully provided for the  
21 safe and adequate accommodation of all users of the trans-  
22 portation network in all phases of project development and  
23 operation.

Page 204, strike line 15 and all that follows through  
line 4 on page 205 and insert the following:

1 (1) IN GENERAL.—Notwithstanding funding,  
2 authorizations of appropriations, and contract au-  
3 thority described in sections 1101, 1102, 3017,  
4 4001, 5101, and 6002 of this Act, including the  
5 amendments made by such sections, sections 125  
6 and 147 of title 23, United States Code, and section  
7 5338(a) of title 49, United States Code, no funding,  
8 authorization of appropriations, and contract author-  
9 ity described in those sections for fiscal years 2019  
10 through 2021 shall exist unless and only to the ex-  
11 tent that a subsequent Act of Congress causes addi-  
12 tional monies to be deposited in the Highway Trust  
13 Fund.

Page 205, line 5, strike “(3)” and insert “(2)”.

Page 214, after line 11, insert the following:

14 **SEC. \_\_\_\_ . NATIONAL ELECTRIC VEHICLE CHARGING, HY-**  
15 **DROGEN, AND NATURAL GAS FUELING COR-**  
16 **RIDORS.**

17 (a) IN GENERAL.—Chapter 1 of title 23, United  
18 States Code, is amended by inserting after section 150 the  
19 following:



1 **“§ 151. National electric vehicle charging, hydrogen,**  
2 **and natural gas fueling corridors**

3 “(a) IN GENERAL.—Not later than 1 year after the  
4 date of enactment of the Surface Transportation Reau-  
5 thorization and Reform Act of 2015, the Secretary shall  
6 designate national electric vehicle charging, hydrogen, and  
7 natural gas fueling corridors that identify the near- and  
8 long-term need for, and location of, electric vehicle charg-  
9 ing infrastructure, hydrogen infrastructure, and natural  
10 gas fueling infrastructure at strategic locations along  
11 major national highways to improve the mobility of pas-  
12 senger and commercial vehicles that employ electric, hy-  
13 drogen fuel cell, and natural gas fueling technologies  
14 across the United States.

15 “(b) DESIGNATION OF CORRIDORS.—In designating  
16 the corridors under subsection (a), the Secretary shall—

17 “(1) solicit nominations from State and local  
18 officials for facilities to be included in the corridors;

19 “(2) incorporate existing electric vehicle charg-  
20 ing, hydrogen fueling stations, and natural gas fuel-  
21 ing corridors designated by a State or group of  
22 States; and

23 “(3) consider the demand for, and location of,  
24 existing electric vehicle charging, hydrogen fueling  
25 stations, and natural gas fueling infrastructure.

1           “(c) **STAKEHOLDERS.**—In designating corridors  
2 under subsection (a), the Secretary shall involve, on a vol-  
3 untary basis, stakeholders that include—

4           “(1) the heads of other Federal agencies;

5           “(2) State and local officials;

6           “(3) representatives of—

7           “(A) energy utilities;

8           “(B) the electric, fuel cell electric, and nat-  
9 ural gas vehicle industries;

10           “(C) the freight and shipping industry;

11           “(D) clean technology firms;

12           “(E) the hospitality industry;

13           “(F) the restaurant industry;

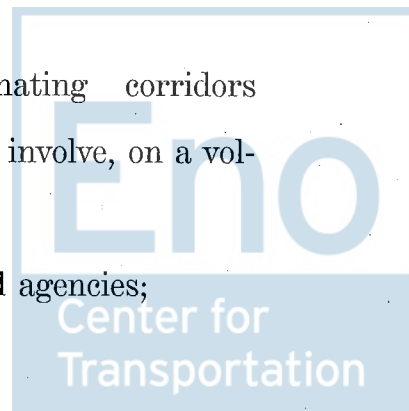
14           “(G) highway rest stop vendors; and

15           “(H) industrial gas and hydrogen manu-  
16 facturers; and

17           “(4) such other stakeholders as the Secretary  
18 determines to be necessary.

19           “(d) **REDESIGNATION.**—Not later than 5 years after  
20 the date of establishment of the corridors under subsection  
21 (a), and every 5 years thereafter, the Secretary shall up-  
22 date and redesignate the corridors.

23           “(e) **REPORT.**—During designation and redesignation  
24 of the corridors under this section, the Secretary shall  
25 issue a report that—





1 the end of the third fiscal year following the fiscal  
2 year for which the amounts were allocated; and

3 “(2) in the fiscal year beginning after a fiscal  
4 year in which a withdrawal is made under paragraph  
5 (1), redistribute the funds withdrawn, in accordance  
6 with the formula specified under subsection (d),  
7 among eligible entities with respect to which no  
8 amounts were withdrawn under paragraph (1).”.

9 **SEC. \_\_\_\_ . STUDY ON PERFORMANCE OF BRIDGES.**

10 (a) IN GENERAL.—Subject to subsection (c), the Ad-  
11 ministrator of the Federal Highway Administration shall  
12 commission the Transportation Research Board of the Na-  
13 tional Academy of Sciences to conduct a study on the per-  
14 formance of bridges that are at least 15 years old and  
15 received funding under the innovative bridge research and  
16 construction program (in this section referred to as the  
17 “program”) under section 503(b) of title 23, United  
18 States Code (as in effect on the day before the date of  
19 enactment of SAFETEA-LU (Public Law 109-59) in  
20 meeting the goals of that program, which included—

21 (1) the development of new, cost-effective inno-  
22 vative material highway bridge applications;

23 (2) the reduction of maintenance costs and  
24 lifecycle costs of bridges, including the costs of new

1 construction, replacement, or rehabilitation of defi-  
2 cient bridges;

3 (3) the development of construction techniques  
4 to increase safety and reduce construction time and  
5 traffic congestion;

6 (4) the development of engineering design cri-  
7 teria for innovative products and materials for use  
8 in highway bridges and structures;

9 (5) the development of cost-effective and inno-  
10 vative techniques to separate vehicle and pedestrian  
11 traffic from railroad traffic;

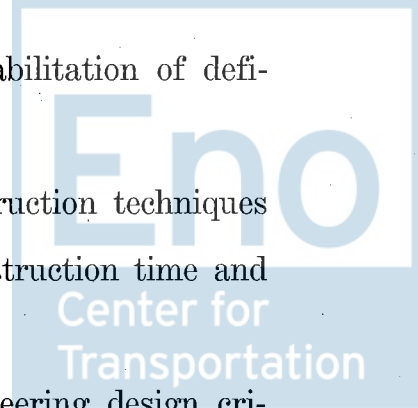
12 (6) the development of highway bridges and  
13 structures that will withstand natural disasters, in-  
14 cluding alternative processes for the seismic retrofit  
15 of bridges; and

16 (7) the development of new nondestructive  
17 bridge evaluation technologies and techniques.

18 (b) CONTENTS.—The study commissioned under sub-  
19 section (a) shall include—

20 (1) an analysis of the performance of bridges  
21 that received funding under the program in meeting  
22 the goals described in paragraphs (1) through (7) of  
23 subsection (a);

24 (2) an analysis of the utility, compared to con-  
25 ventional materials and technologies, of each of the



1 innovative materials and technologies used in  
2 projects for bridges under the program in meeting  
3 the needs of the United States in 2015 and in the  
4 future for a sustainable and low lifecycle cost trans-  
5 portation system;

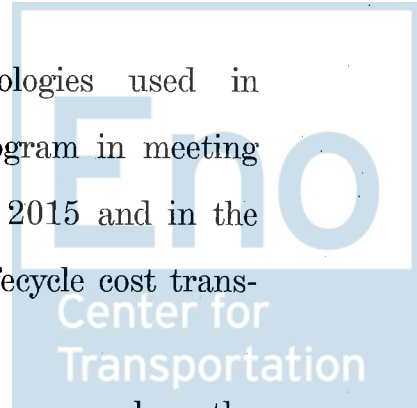
6 (3) recommendations to Congress on how the  
7 installed and lifecycle costs of bridges could be re-  
8 duced through the use of innovative materials and  
9 technologies, including, as appropriate, any changes  
10 in the design and construction of bridges needed to  
11 maximize the cost reductions; and

12 (4) a summary of any additional research that  
13 may be needed to further evaluate innovative ap-  
14 proaches to reducing the installed and lifecycle costs  
15 of highway bridges.

16 (c) PUBLIC COMMENT.—Before commissioning the  
17 study under subsection (a), the Administrator shall pro-  
18 vide an opportunity for public comment on the study pro-  
19 posal.

20 (d) DATA FROM STATES.—Each State that received  
21 funds under the program shall provide to the Transpor-  
22 tation Research Board any relevant data needed to carry  
23 out the study commissioned under subsection (a).

24 (e) DEADLINE.—The Administrator shall submit to  
25 Congress a report on the results of the study commis-



1 sioned under subsection (a) not later than 3 years after  
2 the date of enactment of this Act.

3 **SEC. \_\_\_\_ . RELINQUISHMENT OF PARK-AND-RIDE LOT FA-**  
4 **CILITIES.**

5 A State transportation agency may relinquish park-  
6 and-ride lot facilities or portions of park-and-ride lot facili-  
7 ties to a local government agency for highway purposes  
8 if authorized to do so under State law if the agreement  
9 providing for the relinquishment provides that—

10 (1) rights-of-way on the Interstate System will  
11 remain available for future highway improvements;  
12 and

13 (2) modifications to the facilities that could im-  
14 pair the highway or interfere with the free and safe  
15 flow of traffic are subject to the approval of the Sec-  
16 retary.

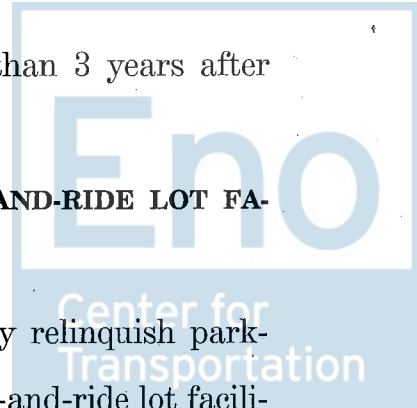
17 **SEC. \_\_\_\_ . PILOT PROGRAM.**

18 (a) **IN GENERAL.**—The Secretary may establish a  
19 pilot program that allows a State to utilize innovative ap-  
20 proaches to maintain the right-of-way of Federal-aid high-  
21 ways within such State.

22 (b) **LIMITATION.**—A pilot program established under  
23 subsection (a) shall—

24 (1) terminate after not more than 6 years;

25 (2) include not more than 5 States; and



1 (3) be subject to guidelines published by the  
2 Secretary.

3 (c) REPORT.—If the Secretary establishes a pilot pro-  
4 gram under subsection (a), the Secretary shall, not more  
5 than 1 year after the completion of the pilot program, sub-  
6 mit to the Committee on Transportation and Infrastruc-  
7 ture of the House of Representatives and the Committee  
8 on Environment and Public Works of the Senate a report  
9 on the results of the pilot program.

10 **SEC. \_\_\_\_ . INNOVATIVE PROJECT DELIVERY EXAMPLES.**

11 Section 120(c)(3)(B) of title 23, United States Code,  
12 is amended—

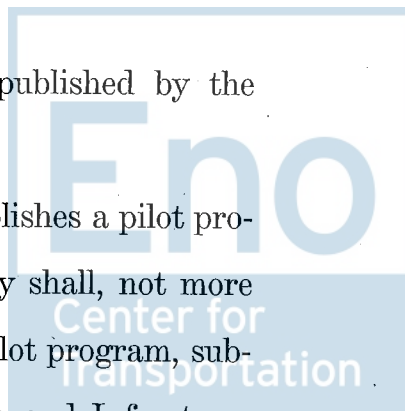
13 (1) in clause (iv) by striking “or” at the end;

14 (2) by redesignating clause (v) as clause (vi);

15 and

16 (3) by inserting after clause (iv) the following:

17 “(v) innovative pavement materials  
18 that have a demonstrated life cycle of 75  
19 or more years, are manufactured with re-  
20 duced greenhouse gas emissions, and re-  
21 duce construction-related congestion by  
22 rapidly curing; or”.





1 **SEC. \_\_\_\_ . ADMINISTRATIVE PROVISIONS TO ENCOURAGE**  
2 **POLLINATOR HABITAT AND FORAGE ON**  
3 **TRANSPORTATION RIGHTS-OF-WAY.**

4 (a) IN GENERAL.—Section 319 of title 23, United  
5 States Code, is amended—

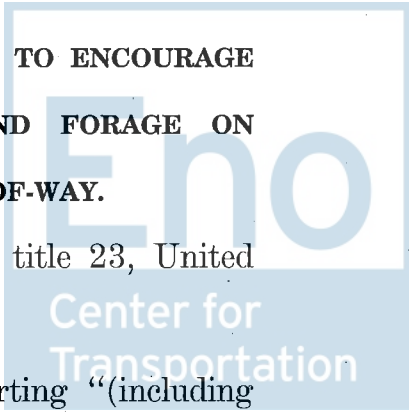
6 (1) in subsection (a) by inserting “(including  
7 the enhancement of habitat and forage for polli-  
8 nators)” before “adjacent”; and

9 (2) by adding at the end the following:

10 “(c) ENCOURAGEMENT OF POLLINATOR HABITAT  
11 AND FORAGE DEVELOPMENT AND PROTECTION ON  
12 TRANSPORTATION RIGHTS-OF-WAY.—In carrying out any  
13 program administered by the Secretary under this title,  
14 the Secretary shall, in conjunction with willing States, as  
15 appropriate—

16 “(1) encourage integrated vegetation manage-  
17 ment practices on roadsides and other transportation  
18 rights-of-way, including reduced mowing; and

19 “(2) encourage the development of habitat and  
20 forage for Monarch butterflies, other native polli-  
21 nators, and honey bees through plantings of native  
22 forbs and grasses, including noninvasive, native  
23 milkweed species that can serve as migratory way  
24 stations for butterflies and facilitate migrations of  
25 other pollinators.”.



1 (b) PROVISION OF HABITAT, FORAGE, AND MIGRA-  
2 TORY WAY STATIONS FOR MONARCH BUTTERFLIES,  
3 OTHER NATIVE POLLINATORS, AND HONEY BEES.—Sec-  
4 tion 329(a)(1) of title 23, United States Code, is amended  
5 by inserting “provision of habitat, forage, and migratory  
6 way stations for Monarch butterflies, other native polli-  
7 nators, and honey bees,” before “and aesthetic enhance-  
8 ment”.

9 **SEC. \_\_\_\_ . AUTOMOBILE TRANSPORTER.**

10 Section 31111(b)(1) of title 49, United States Code,  
11 is amended—

12 (1) in subparagraph (E) by striking “or” at the  
13 end;

14 (2) in subparagraph (F) by striking the period  
15 at the end and inserting “; or”; and

16 (3) by adding at the end the following:

17 “(G) imposes a vehicle length limitation of  
18 less than 80 feet on a stinger-steered auto-  
19 mobile transporter with a front overhang of less  
20 than 4 feet and a rear overhang of less than 6  
21 feet.”.

Page 219, strike lines 5 through 8 and insert the  
following:

22 (1) in paragraph (4)—

1 (A) in subparagraph (A) by striking “Be-  
2 ginning in fiscal year 2014, on April 1 of each  
3 fiscal year” and inserting “Beginning in fiscal  
4 year 2016, on August 1 of each fiscal year”;  
5 and

6 (B) by adding at the end the following:

7 “(D) LIMITATIONS.—The Secretary may  
8 not carry out a redistribution under this para-  
9 graph—

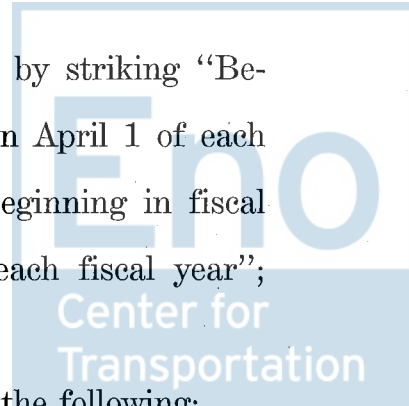
10 “(i) for any fiscal year in which such  
11 redistribution would adversely impact the  
12 receipt of credit assistance by a qualified  
13 project within such fiscal year; or

14 “(ii) if the budget authority deter-  
15 mined to be necessary to cover all requests  
16 for credit assistance pending before the  
17 Department of Transportation on August  
18 1 would reduce the uncommitted balance  
19 of funds below the threshold established in  
20 subparagraph (A).”; and

Page 224, line 17, strike “(7) in subsection  
(k)(3)(A), by inserting” and insert the following:

21 (7) in subsection (k)(3)—

22 (A) in subparagraph (A) by inserting



Page 224, line 22, strike the semicolon and insert “; and”.

Page 224, after line 22, insert the following:

1 (B) by adding at the end the following:

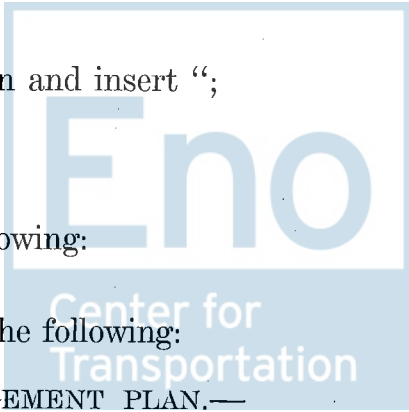
2 “(C) CONGESTION MANAGEMENT PLAN.—

3 A metropolitan planning organization with a  
4 transportation management area may develop a  
5 plan that includes projects and strategies that  
6 will be considered in the TIP of such metropoli-  
7 tan planning organization. Such plan shall—

8 “(i) develop regional goals to reduce  
9 vehicle miles traveled during peak com-  
10 muting hours and improve transportation  
11 connections between areas with high job  
12 concentration and areas with high con-  
13 centrations of low-income households;

14 “(ii) identify existing public transpor-  
15 tation services, employer-based commuter  
16 programs, and other existing transpor-  
17 tation services that support access to jobs  
18 in the region; and

19 “(iii) identify proposed projects and  
20 programs to reduce congestion and in-  
21 crease job access opportunities.



1                   “(D) PARTICIPATION.—In developing the  
2                   plan under subparagraph (C), a metropolitan  
3                   planning organization shall consult with em-  
4                   ployers, private and non-profit providers of pub-  
5                   lic transportation, transportation management  
6                   organizations, and organizations that provide  
7                   job access reverse commute projects or job-re-  
8                   lated services to low-income individuals.”;

Page 227, after line 24, insert the following:

9                   (1) in subsection (a)(6)—  
10                   (A) in subparagraph (A) by inserting “,  
11                   small start projects,” after “new fixed guideway  
12                   capital projects”; and  
13                   (B) by striking subparagraph (B) and in-  
14                   serting the following:  
15                   “(B) 2 or more projects that are any com-  
16                   bination of new fixed guideway capital projects,  
17                   small start projects, and core capacity improve-  
18                   ment projects.”;

Page 227, line 25, strike “(1)” and insert “(2)”.

Page 228, after line 12, insert the following:

19                   (3) in subsection (i)—

1 (A) in paragraph (1) by striking “sub-  
2 section (d) or (e)” and inserting “subsection  
3 (d), (e), or (h)”;

4 (B) in paragraph (2)—

5 (i) in the matter preceding subpara-  
6 graph (A) by inserting “new fixed guide-  
7 way capital project or core capacity im-  
8 provement” after “federally funded”;

9 (ii) by striking subparagraph (D) and  
10 inserting the following:

11 “(D) the program of interrelated projects,  
12 when evaluated as a whole—

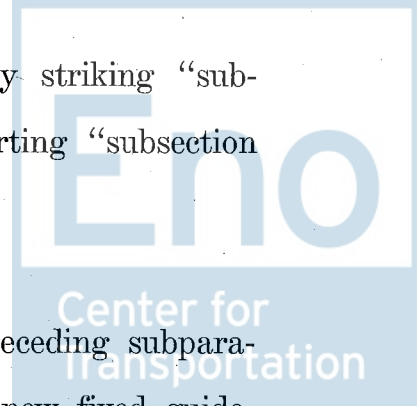
13 “(i) meets the requirements of sub-  
14 section (d)(2), subsection (e)(2), or para-  
15 graphs (3) and (4) of subsection (h), as  
16 applicable, if the program is comprised en-  
17 tirely of—

18 “(I) new fixed guideway capital  
19 projects;

20 “(II) core capacity improvement  
21 projects; or

22 “(III) small start projects; or

23 “(ii) meets the requirements of sub-  
24 section (d)(2) if the program is comprised  
25 of any combination of new fixed guideway



1 projects, small start projects, and core ca-  
2 pacity improvement projects.”;

3 (C) by striking paragraph (3)(A) and in-  
4 serting the following:

5 “(A) PROJECT ADVANCEMENT.—A project  
6 receiving a grant under this section that is part  
7 of a program of interrelated projects may not  
8 advance—

9 “(i) in the case of a small start  
10 project, from the project development  
11 phase to the construction phase unless the  
12 Secretary determines that the program of  
13 interrelated projects meets the applicable  
14 requirements of this section and there is a  
15 reasonable likelihood that the program will  
16 continue to meet such requirements; or

17 “(ii) in the case of a new fixed guide-  
18 way capital project or a core capacity im-  
19 provement project, from the project devel-  
20 opment phase to the engineering phase, or  
21 from the engineering phase to the con-  
22 struction phase, unless the Secretary deter-  
23 mines that the program of interrelated  
24 projects meets the applicable requirements  
25 of this section and there is a reasonable

1 likelihood that the program will continue to  
2 meet such requirements.”;

Page 228, strike lines 13 through 16 and insert the  
following:

3 (4) in subsection (l)—

4 (A) by striking paragraph (1) and insert-  
5 ing the following:

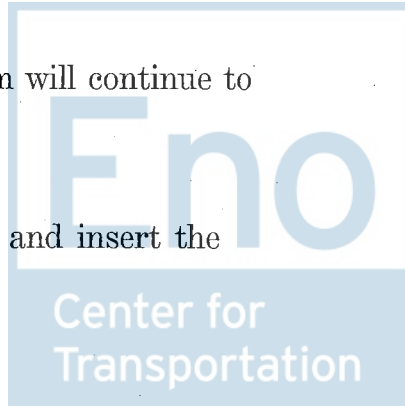
6 “(1) IN GENERAL.—Based on engineering stud-  
7 ies, studies of economic feasibility, and information  
8 on the expected use of equipment or facilities, the  
9 Secretary shall estimate the net capital project cost.  
10 A grant for a new fixed guideway project shall not  
11 exceed 50 percent of the net capital project cost. A  
12 grant for a core capacity project shall not exceed 80  
13 percent of the net capital project cost of the incre-  
14 mental cost of increasing the capacity in the cor-  
15 ridor. A grant for a small start project shall not ex-  
16 ceed 80 percent.”; and

Page 229, line 9, strike “(3)” and insert “(5)”.

Page 229, line 11, strike “(4)” and insert “(6)”.

Page 237, line 13, strike “and”.

Page 237, after line 13, insert the following:





1                   “(G) assist with the development and de-  
2                   ployment of zero emission transit technologies;  
3                   and

Page 237, line 14, strike “(G)” and insert “(H)”.

Page 241, line 17, strike “or”.

Page 242, line 2, strike the period at the end and  
insert “; or”.

Page 242, after line 2, insert the following:

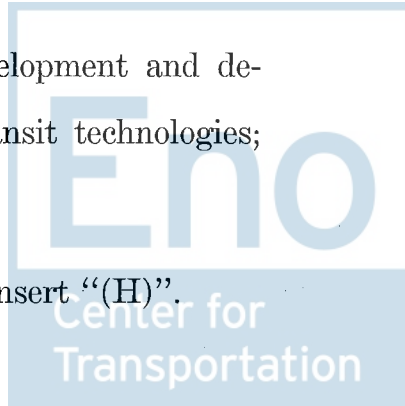
4                   “(v) address youth unemployment by  
5                   directing the Secretary to award grants to  
6                   local entities for work-based training and  
7                   other work-related and educational strate-  
8                   gies and activities of demonstrated effec-  
9                   tiveness to provide unemployed, low-income  
10                  young adults and low-income youth with  
11                  skills that will lead to employment.

Page 251, strike lines 18 through 21, and insert the  
following:

12                  (2) by striking subsection (f) and inserting the  
13                  following:

14                  “(f) AUTHORITY OF SECRETARY.—

15                  “(1) IN GENERAL.—In carrying out this sec-  
16                  tion, the Secretary may—



1           “(A) conduct inspections, investigations,  
2           audits, examinations, and testing of the equip-  
3           ment, facilities, rolling stock, and operations of  
4           the public transportation system of a recipient;

5           “(B) make reports and issue directives  
6           with respect to the safety of the public trans-  
7           portation system of a recipient or the public  
8           transportation industry generally;

9           “(C) in conjunction with an accident inves-  
10          tigation or an investigation into a pattern or  
11          practice of conduct that negatively affects pub-  
12          lic safety, issue a subpoena to, and take the  
13          deposition of, any employee of a recipient or a  
14          State safety oversight agency, if—

15                 “(i) before the issuance of the sub-  
16                 poena, the Secretary requests a determina-  
17                 tion by the Attorney General as to whether  
18                 the subpoena will interfere with an ongoing  
19                 criminal investigation; and

20                 “(ii) the Attorney General—

21                         “(I) determines that the sub-  
22                         poena will not interfere with an ongo-  
23                         ing criminal investigation; or

24                         “(II) fails to make a determina-  
25                         tion under clause (i) before the date

1 that is 30 days after the date on  
2 which the Secretary makes a request  
3 under clause (i);

4 “(D) require the production of documents  
5 by, and prescribe recordkeeping and reporting  
6 requirements for, a recipient or a State safety  
7 oversight agency;

8 “(E) investigate public transportation acci-  
9 dents and incidents and provide guidance to re-  
10 cipients regarding prevention of accidents and  
11 incidents;

12 “(F) at reasonable times and in a reason-  
13 able manner, enter and inspect relevant records  
14 of the public transportation system of a recipi-  
15 ent; and

16 “(G) issue rules to carry out this section.

17 “(2) ADDITIONAL AUTHORITY.—

18 “(A) ADMINISTRATION OF STATE SAFETY  
19 OVERSIGHT ACTIVITIES.—If the Secretary finds  
20 that a State safety oversight agency that over-  
21 sees a rail fixed guideway system operating in  
22 more than 2 States has become incapable of  
23 providing adequate safety oversight of such sys-  
24 tem, the Secretary may administer State safety  
25 oversight activities for such rail fixed guideway

1 system until the States develop a State safety  
2 oversight program certified by the Secretary in  
3 accordance with subsection (e).

4 “(B) FUNDING.—To carry out administra-  
5 tive and oversight activities authorized by this  
6 paragraph, the Secretary may use—

7 “(i) grant funds apportioned to an eli-  
8 gible State under subsection (e)(6) to de-  
9 velop or carry out a State safety oversight  
10 program; and

11 “(ii) grant funds apportioned to an eli-  
12 gible State under subsection (e)(6) that  
13 have not been obligated within the admin-  
14 istrative period of availability.”;

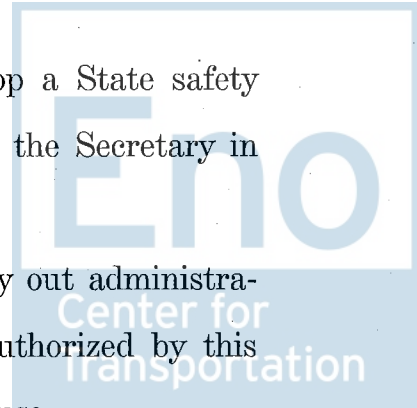
Page 253, line 6, strike “subsection (h)(5)” and in-  
sert “subsection (g)(5)”.

Page 253, line 8, strike “and” at the end.

Page 253, line 11, strike the period at the end and  
insert a semicolon.

Page 253, after line 11, insert the following:

15 (4) in subsection (g) (as so redesignated)—  
16 (A) in paragraph (2) by striking “sub-  
17 section (j)” and inserting “subsection (i)”; and



1 (B) by striking paragraph (3) and insert-  
2 ing the following:

3 “(3) of amounts not apportioned under para-  
4 graphs (1) and (2)—

5 “(A) for fiscal years 2016 through 2018,  
6 1.5 percent shall be apportioned to urbanized  
7 areas with populations of less than 200,000 in  
8 accordance with subsection (h); and

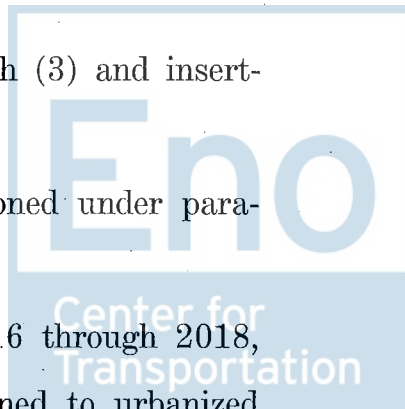
9 “(B) for fiscal years 2019 through 2021, 2  
10 percent shall be apportioned to urbanized areas  
11 with populations of less than 200,000 in ac-  
12 cordance with subsection (h);”;

13 (5) in subsection (h)(2)(A) (as so redesignated)  
14 by striking “subsection (h)(3)” and inserting “sub-  
15 section (g)(3)”; and

16 (6) in subsection (i) (as so redesignated) by  
17 striking “subsection (h)(2)” and inserting “sub-  
18 section (g)(2)”.

Page 263, line 12, strike “paragraph (2)” and insert  
“paragraph (1)”.

Page 287, after line 7, insert the following:



1 **SEC. \_\_\_\_ . PARATRANSIT SYSTEM UNDER FTA APPROVED**

2 **COORDINATED PLAN.**

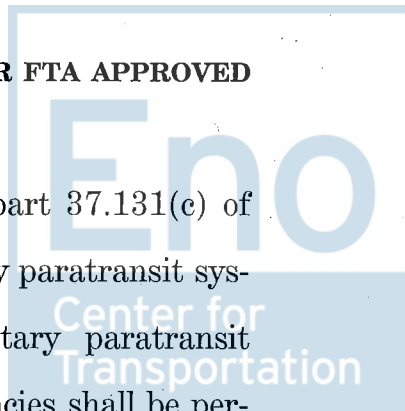
3 Notwithstanding the provisions of part 37.131(c) of  
4 title 49, Code of Federal Regulations, any paratransit sys-  
5 tem currently coordinating complementary paratransit  
6 service for more than 40 fixed route agencies shall be per-  
7 mitted to continue using an existing tiered, distance-based  
8 coordinated paratransit fare system.

Page 294, line 20, strike "\$30,000,000" and insert  
"\$32,000,000".

Page 327, after line 14, insert the following:

9 **SEC. \_\_\_\_ . MOTORCYCLIST ADVISORY COUNCIL.**

10 (a) IN GENERAL.—The Secretary, acting through the  
11 Administrator of the Federal Highway Administration,  
12 and in consultation with the Committee on Transportation  
13 and Infrastructure of the House of Representatives and  
14 the Committee on Environment and Public Works of the  
15 Senate, shall appoint a Motorcyclist Advisory Council to  
16 coordinate with and advise the Administrator on infra-  
17 structure issues of concern to motorcyclists, including—  
18 (1) barrier design;  
19 (2) road design, construction, and maintenance  
20 practices; and



1 (3) the architecture and implementation of in-  
2 telligent transportation system technologies.

3 (b) COMPOSITION.—The Council shall consist of not  
4 more than 10 members of the motorcycle community  
5 with professional expertise in national motorcyclist safety  
6 advocacy, including—

7 (1) at least—

8 (A) 1 member recommended by a national  
9 motorcyclist association;

10 (B) 1 member recommended by a national  
11 motorcycle riders foundation;

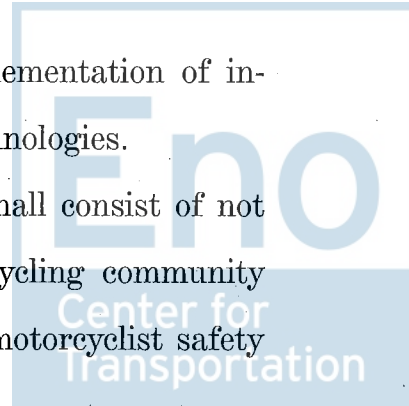
12 (C) 1 representative of the National Asso-  
13 ciation of State Motorcycle Safety Administra-  
14 tors;

15 (D) 2 members of State motorcyclists' or-  
16 ganizations;

17 (E) 1 member recommended by a national  
18 organization that represents the builders of  
19 highway infrastructure;

20 (F) 1 member recommended by a national  
21 association that represents the traffic safety  
22 systems industry; and

23 (G) 1 member of a national safety organi-  
24 zation; and



1 (2) at least 1, but not more than 2, motorcy-  
2 clists who are traffic system design engineers or  
3 State transportation department officials.

4 **SEC. \_\_\_\_ . HIGHWAY WORK ZONES.**

5 It is the sense of the House of Representatives that  
6 the Federal Highway Administration should—

7 (1) do all within its power to protect workers in  
8 highway work zones; and

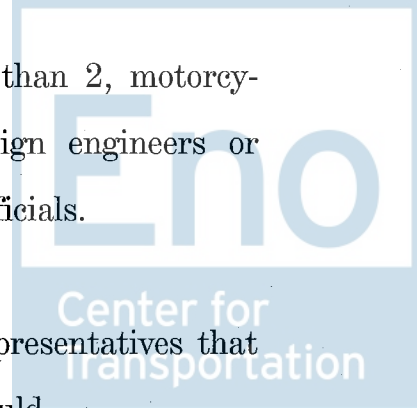
9 (2) move rapidly to finalize regulations, as di-  
10 rected in section 1405 of MAP-21 (126 Stat. 560),  
11 to protect the lives and safety of construction work-  
12 ers in highway work zones from vehicle intrusions.

Page 303, line 1, insert “mental health or substance  
abuse” before “treatment”.

Page 417, after line 19, insert the following:

13 **SEC. \_\_\_\_ . VETERANS EXPANDED TRUCKING OPPORTUNI-**  
14 **TIES.**

15 (a) IN GENERAL.—In the case of a physician-ap-  
16 proved veteran operator, the qualified physician of such  
17 operator may, subject to the requirements of subsection  
18 (b), perform a medical examination and provide a medical  
19 certificate for purposes of compliance with the require-  
20 ments of section 31149 of title 49, United States Code.





1 (b) CERTIFICATION.—The certification described  
2 under subsection (a) shall include—

3 (1) assurances that the physician performing  
4 the medical examination meets the requirements of  
5 a qualified physician under this section; and

6 (2) certification that the physical condition of  
7 the operator is adequate to enable such operator to  
8 operate a commercial motor vehicle safely.

9 (c) DEFINITIONS.—In this section, the following defi-  
10 nitions apply:

11 (1) PHYSICIAN-APPROVED VETERAN OPER-  
12 ATOR.—The term “physician-approved veteran oper-  
13 ator” means an operator of a commercial motor ve-  
14 hicle who—

15 (A) is a veteran who is enrolled in the  
16 health care system established under section  
17 1705(a) of title 38, United States Code; and

18 (B) is required to have a current valid  
19 medical certificate pursuant to section 31149 of  
20 title 49, United States Code.

21 (2) QUALIFIED PHYSICIAN.—The term “quali-  
22 fied physician” means a physician who—

23 (A) is employed in the Department of Vet-  
24 erans Affairs;

1 (B) is familiar with the standards for, and  
2 physical requirements of, an operator certified  
3 pursuant to section 31149 of title 49, United  
4 States Code; and

5 (C) has never, with respect such section,  
6 been found to have acted fraudulently, including  
7 by fraudulently awarding a medical certificate.

8 (3) VETERAN.—The term “veteran” has the  
9 meaning given the term in section 101 of title 38,  
10 United States Code.

11 (d) STATUTORY CONSTRUCTION.—Nothing in this  
12 section shall be construed to change any statutory penalty  
13 associated with fraud or abuse.

Page 429, after line 15, insert the following (and re-  
designate subsequent sections accordingly):

14 **SEC. 5508. REPORT ON COMMERCIAL DRIVER'S LICENSE**  
15 **SKILLS TEST DELAYS.**

16 Not later than 1 year after the date of enactment  
17 of this Act, and each year thereafter, the Administrator  
18 of the Federal Motor Carrier Safety Administration shall  
19 submit to the Committee on Commerce, Science, and  
20 Transportation of the Senate and the Committee on  
21 Transportation and Infrastructure of the House of Rep-  
22 resentatives a report that—

1 (1) describes, for each State, the status of skills  
2 testing for applicants for a commercial driver's li-  
3 cense, including—

4 (A) the average wait time, by month and  
5 location, from the date an applicant requests to  
6 take a skills test to the date the applicant com-  
7 pletes such test;

8 (B) the average wait time, by month and  
9 location, from the date an applicant, upon fail-  
10 ure of a skills test, requests a retest to the date  
11 the applicant completes such retest;

12 (C) the actual number of qualified com-  
13 mercial driver's license examiners, by month  
14 and location, available to test applicants; and

15 (D) the number of testing sites available  
16 through the State department of motor vehicles  
17 and whether this number has increased or de-  
18 creased from the previous year; and

19 (2) describes specific steps that the Adminis-  
20 trator is taking to address skills testing delays in  
21 States that have average skills test or retest wait  
22 times of more than 7 days from the date an appli-  
23 cant requests to test or retest to the date the appli-  
24 cant completes such test or retest.

1 **SEC. 5509. COVERED FARM VEHICLES.**

2 Section 32934(b)(1) of MAP-21 (49 U.S.C. 31136  
3 note) is amended by striking “from” and all that follows  
4 through the period at end and inserting the following:  
5 “from—

6 “(A) a requirement described in subsection  
7 (a) or a compatible State requirement; or

8 “(B) any other minimum standard pro-  
9 vided by a State relating to the operation of  
10 that vehicle.”.

11 **SEC. 5510. OPERATORS OF HI-RAIL VEHICLES.**

12 (a) IN GENERAL.—In the case of a commercial motor  
13 vehicle driver subject to the hours of service requirements  
14 in part 395 of title 49, Code of Federal Regulations, who  
15 is driving a hi-rail vehicle, the maximum on duty time  
16 under section 395.3 of such title for such driver shall not  
17 include time in transportation to or from a duty assign-  
18 ment if such time in transportation—

19 (1) does not exceed 2 hours per calendar day or  
20 a total of 30 hours per calendar month; and

21 (2) is fully and accurately accounted for in  
22 records to be maintained by the motor carrier and  
23 such records are made available upon request of the  
24 Federal Motor Carrier Safety Administration or the  
25 Federal Railroad Administration.



1 (b) EMERGENCY.—In the case of a train accident, an  
2 act of God, a train derailment, or a major equipment fail-  
3 ure or track condition that prevents a train from advanc-  
4 ing, a driver described in subsection (a) may complete a  
5 run without being in violation of the provisions of part  
6 395 of title 49, Code of Federal Regulations.

7 (c) HI-RAIL VEHICLE DEFINED.—In this section, the  
8 term “hi-rail vehicle” has the meaning given the term in  
9 section 214.7 of title 49, Code of Federal Regulations, as  
10 in effect on the date of enactment of this Act.

Page 445, line 22, before the period at the end in-  
sert the following: “or a consortia of research institutions  
or academic institutions”.

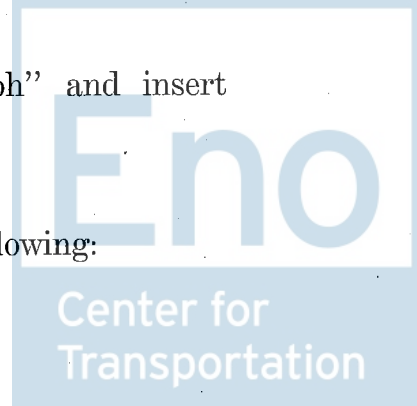
Page 457, strike lines 10 through 13 and insert the  
following:

11 “(2) LIMITATION.—A lead institution of a con-  
12 sortium of nonprofit institutions of higher education,  
13 as applicable, may only submit 1 grant application  
14 per fiscal year for each of the transportation centers  
15 described under paragraphs (2), (3), and (4) of sub-  
16 section (c).

Page 459, line 8, before the semicolon at the end in-  
sert the following: “, including women and underrep-  
resented populations”.

Page 466, line 8, strike “paragraph” and insert “section”.

Page 476, after line 17, insert the following:



1 **SEC. \_\_\_\_ . HIGHWAY EFFICIENCY.**

2 (a) **STUDY.—**

3 (1) **IN GENERAL.—**The Assistant Secretary of  
4 Transportation for Research and Technology may  
5 examine the impact of pavement durability and sus-  
6 tainability on vehicle fuel consumption, vehicle wear  
7 and tear, road conditions, and road repairs.

8 (2) **METHODOLOGY.—**In carrying out the study,  
9 the Assistant Secretary shall—

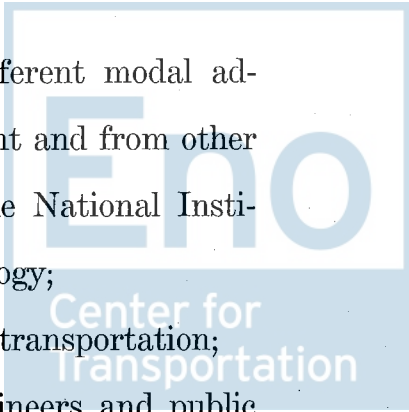
10 (A) conduct a thorough review of relevant  
11 peer-reviewed research published during at least  
12 the past 5 years;

13 (B) analyze impacts of different types of  
14 pavement on all motor vehicle types, including  
15 commercial vehicles;

16 (C) specifically examine the impact of  
17 pavement deformation and deflection; and

18 (D) analyze impacts of different types of  
19 pavement on road conditions and road repairs.

20 (3) **CONSULTATION.—**In carrying out the study,  
21 the Assistant Secretary shall consult with—



- 1 (A) experts from the different modal ad-
- 2 ministrations of the Department and from other
- 3 Federal agencies, including the National Insti-
- 4 tute of Standards and Technology;
- 5 (B) State departments of transportation;
- 6 (C) local government engineers and public
- 7 works professionals;
- 8 (D) industry stakeholders; and
- 9 (E) appropriate academic experts active in
- 10 the field.

11 (b) REPORT.—

12 (1) IN GENERAL.—Not later than 1 year after

13 the date of enactment of this Act, the Assistant Sec-

14 retary shall publish on a public Web site the results

15 of the study.

16 (2) CONTENTS.—The report shall include—

17 (A) a summary of the different types of

18 pavements analyzed in the study and the im-

19 pacts of pavement durability and sustainability

20 on vehicle fuel consumption, vehicle wear and

21 tear, road conditions, and road repairs; and

22 (B) recommendations for State and local

23 governments on best practice methods for im-

24 proving pavement durability and sustainability

25 to maximize vehicle fuel economy, ride quality,

1 and road conditions and to minimize the need  
2 for road and vehicle repairs.

3 **SEC. \_\_\_\_ . MOTORCYCLE SAFETY.**

4 (a) **STUDY.**—The Assistant Secretary for Research  
5 and Technology of the Department of Transportation may  
6 enter into an agreement, within 45 days after the date  
7 of enactment of this Act, with the National Academy of  
8 Sciences to conduct a study on the most effective means  
9 of preventing motorcycle crashes.

10 (b) **PUBLICATION.**—The Assistant Secretary may  
11 make available the findings on a public Web site within  
12 30 days after receiving the results of the study from the  
13 National Academy of Sciences.

14 **SEC. \_\_\_\_ . HAZARDOUS MATERIALS RESEARCH AND DEVEL-**  
15 **OPMENT.**

16 Section 5118 of title 49, United States Code, is  
17 amended—

18 (1) in subsection (a)(2)—

19 (A) in subparagraph (A) by striking “and”  
20 at the end;

21 (B) in subparagraph (B) by striking the  
22 period at the end and inserting “; and”; and

23 (C) by adding at the end the following:

24 “(C) coordinate, as appropriate, with other  
25 Federal agencies.”; and





1 (2) by adding at the end the following new sub-  
2 section:

3 “(c) COOPERATIVE RESEARCH.—

4 “(1) IN GENERAL.—As part of the program es-  
5 tablished in subsection (a), the Secretary may carry  
6 out cooperative research on hazardous materials  
7 transport.

8 “(2) NATIONAL ACADEMIES.—The Secretary  
9 may enter into an agreement with the National  
10 Academies to support such research.

11 “(3) RESEARCH.—Research conducted under  
12 this subsection may include activities related to—

13 “(A) emergency planning and response, in-  
14 cluding information and programs that can be  
15 readily assessed and implemented in local juris-  
16 dictions;

17 “(B) risk analysis and perception and data  
18 assessment;

19 “(C) commodity flow data, including vol-  
20 untary collaboration between shippers and first  
21 responders for secure data exchange of critical  
22 information;

23 “(D) integration of safety and security;

24 “(E) cargo packaging and handling;

25 “(F) hazmat release consequences; and

1 “(G) materials and equipment testing.”

2 **SEC. \_\_\_\_ . WEB-BASED TRAINING FOR EMERGENCY RE-**  
3 **SPONDERS.**

4 Section 5115(a) of title 49, United States Code, is  
5 amended by inserting “, including online curriculum as ap-  
6 propriate,” after “a current curriculum of courses”.

7 **SEC. \_\_\_\_ . TRANSPORTATION TECHNOLOGY POLICY WORK-**  
8 **ING GROUP.**

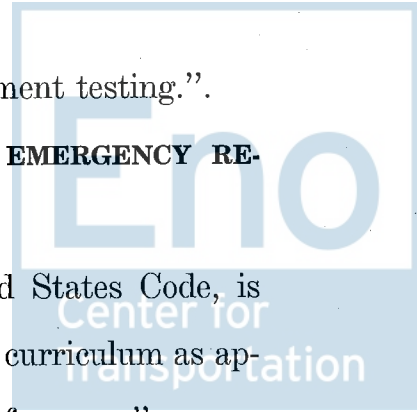
9 To improve the scientific pursuit and research proce-  
10 dures concerning transportation, the Assistant Secretary  
11 for Research and Technology may convene an interagency  
12 working group to—

13 (1) develop within 1 year after the date of en-  
14 actment of this Act a national transportation re-  
15 search framework;

16 (2) identify opportunities for coordination be-  
17 tween the Department and universities and the pri-  
18 vate sector, and prioritize these opportunities;

19 (3) identify and develop a plan to implement  
20 best practices for moving transportation research re-  
21 sults out of the laboratory and into application; and

22 (4) identify and develop a plan to address re-  
23 lated workforce development needs.



1 **SEC. \_\_\_\_\_. COLLABORATION AND SUPPORT.**

2 The Secretary may solicit the support of, and identify  
3 opportunities to collaborate with, other Federal research  
4 agencies and national laboratories to assist in the effective  
5 and efficient pursuit and resolution of research challenges  
6 identified by the Secretary.

7 **SEC. \_\_\_\_\_. PRIZE COMPETITIONS.**

8 Section 502(b)(7) of title 23, United States Code, is  
9 amended—

10 (1) in subparagraph (D)—

11 (A) by inserting “(such as  
12 www.challenge.gov)” after “public website”;

13 (B) by redesignating clauses (iii) and (iv)  
14 as clauses (iv) and (v), respectively;

15 (C) by inserting after clause (ii) the fol-  
16 lowing:

17 “(iii) the process for participants to  
18 register for the competition;”; and

19 (D) in clause (iv) (as redesignated by sub-  
20 paragraph (B)) by striking “prize” and insert-  
21 ing “cash prize purse”;

22 (2) in subparagraph (E) by striking “prize”  
23 both places it appears and inserting “cash prize  
24 purse”;



1 (3) by redesignating subparagraphs (F)  
2 through (K) as subparagraphs (G) through (L), re-  
3 spectively;

4 (4) by inserting after subparagraph (E) the fol-  
5 lowing:

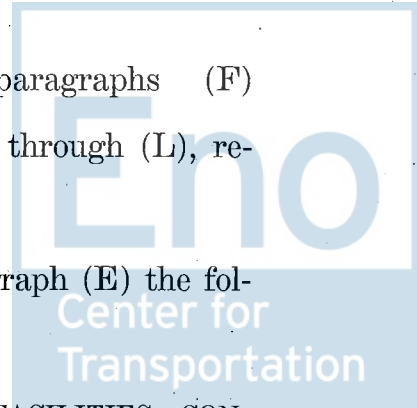
6 “(F) USE OF FEDERAL FACILITIES; CON-  
7 SULTATION WITH FEDERAL EMPLOYEES.—An  
8 individual or entity is not ineligible to receive a  
9 cash prize purse under this paragraph as a re-  
10 sult of the individual or entity using a Federal  
11 facility or consulting with a Federal employee  
12 related to the individual or entity’s participation  
13 in a prize competition under this paragraph un-  
14 less the same facility or employee is made avail-  
15 able to all individuals and entities participating  
16 in the prize competition on an equitable basis.”;

17 (5) in subparagraph (G) (as redesignated by  
18 paragraph (3) of this section)—

19 (A) in clause (i)(I) by striking “competi-  
20 tion” and inserting “prize competition under  
21 this paragraph”;

22 (B) in clause (ii)(I)—

23 (i) by striking “participation in a  
24 competition” and inserting “participation



1 in a prize competition under this para-  
2 graph”; and

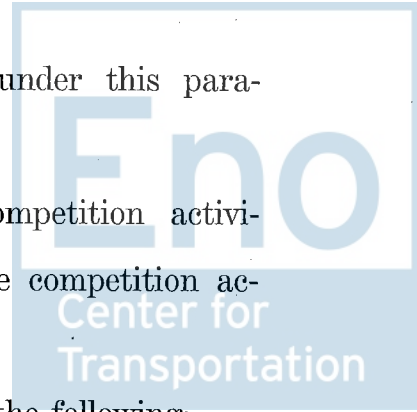
3 (ii) by striking “competition activi-  
4 ties” and inserting “prize competition ac-  
5 tivities”; and

6 (C) by adding at the end the following:

7 “(iii) INTELLECTUAL PROPERTY.—

8 “(I) PROHIBITION ON REQUIRING  
9 WAIVER.—The Secretary may not re-  
10 quire a participant to waive claims  
11 against the Department arising out of  
12 the unauthorized use or disclosure by  
13 the Department of the intellectual  
14 property, trade secrets, or confidential  
15 business information of the partici-  
16 pant.

17 “(II) PROHIBITION ON GOVERN-  
18 MENT ACQUISITION OF INTELLECTUAL  
19 PROPERTY RIGHTS.—The Federal  
20 Government may not gain an interest  
21 in intellectual property developed by a  
22 participant for a prize competition  
23 under this paragraph without the  
24 written consent of the participant.



1                   “(III) LICENSES.—The Federal  
2                   Government may negotiate a license  
3                   for the use of intellectual property de-  
4                   veloped by a participant for a prize  
5                   competition under this paragraph.”;

6                   (6) in subparagraph (H)(i) (as redesignated by  
7                   paragraph (3) of this section) by striking “subpara-  
8                   graph (H)” and inserting “subparagraph (I)”;

9                   (7) in subparagraph (I) (as redesignated by  
10                  paragraph (3) of this section) by striking “an agree-  
11                  ment with a private, nonprofit entity” and inserting  
12                  “a grant, contract, cooperative agreement, or other  
13                  agreement with a private sector for-profit or non-  
14                  profit entity”;

15                  (8) in subparagraph (J) (as redesignated by  
16                  paragraph (3) of this section)—

17                   (A) in clause (i)—

18                   (i) in subclause (I) by striking “the  
19                   private sector” and inserting “private sec-  
20                   tor for-profit and nonprofit entities, to be  
21                   available to the extent provided by appro-  
22                   priations Acts”;

23                   (ii) in subclause (II) by striking “and  
24                   metropolitan planning organizations” and  
25                   inserting “metropolitan planning organiza-

1 tions, and private sector for-profit and  
2 nonprofit entities”; and

3 (iii) in subclause (III) by inserting  
4 “for-profit or nonprofit” after “private sec-  
5 tor”;

6 (B) in clause (ii) by striking “prize  
7 awards” and inserting “cash prize purses”;

8 (C) in clause (iv)—

9 (i) by inserting “competition” after  
10 “A prize”; and

11 (ii) by striking “the prize” and insert-  
12 ing “the cash prize purse”;

13 (D) in clause (v)—

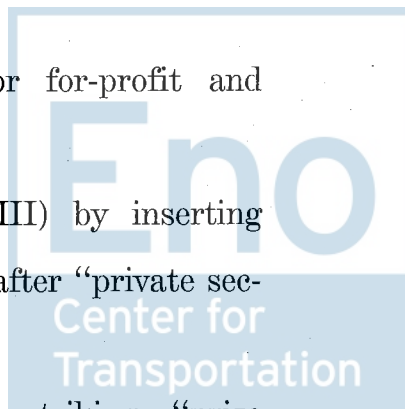
14 (i) by striking “amount of a prize”  
15 and inserting “amount of a cash prize  
16 purse”;

17 (ii) by inserting “competition” after  
18 “announcement of the prize”; and

19 (iii) in subclause (I) by inserting  
20 “competition” after “prize”;

21 (E) in clause (vi) by striking “offer a  
22 prize” and inserting “offer a cash prize purse”;  
23 and

24 (F) in clause (vii) by striking “cash  
25 prizes” and inserting “cash prize purses”;



1 (9) in subparagraph (K) (as redesignated by  
2 paragraph (3) of this section) by striking “or pro-  
3 viding a prize” and inserting “a prize competition or  
4 providing a cash prize purse”; and

5 (10) in subparagraph (L)(ii) (as redesignated  
6 by paragraph (3) of this section)—

7 (A) in subclause (I) by striking “The Sec-  
8 retary” and inserting “Not later than March 1  
9 of each year, the Secretary”; and

10 (B) in subclause (II)—

11 (i) in item (cc) by striking “cash  
12 prizes” both places it appears and insert-  
13 ing “cash prize purses”; and

14 (ii) in item (ee) by striking “agency”  
15 and inserting “Department”.

16 **SEC. \_\_\_\_\_. GAO REPORT.**

17 Not later than 2 years after the date of enactment  
18 of this Act, the Comptroller General of the United States  
19 shall make available to the public a report that—

20 (1) assesses the status of autonomous transpor-  
21 tation technology policy developed by public entities  
22 in the United States;

23 (2) assesses the organizational readiness of the  
24 Department to address autonomous vehicle tech-  
25 nology challenges; and



1 (3) recommends implementation paths for au-  
2 tonomous transportation technology, applications,  
3 and policies that are based on the assessment de-  
4 scribed in paragraph (2).

5 **SEC. \_\_\_\_ . INTELLIGENT TRANSPORTATION SYSTEM PUR-**  
6 **POSES.**

7 Section 514(b) of title 23, United States Code, is  
8 amended—

9 (1) in paragraph (8) by striking “and” at the  
10 end;

11 (2) in paragraph (9) by striking the period at  
12 the end and inserting “; and”; and

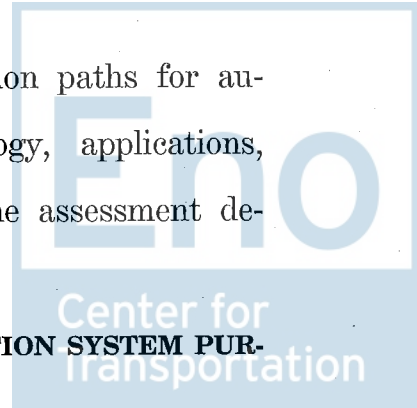
13 (3) by adding at the end the following:

14 “(10) to assist in the development of cybersecu-  
15 rity standards in cooperation with relevant modal  
16 administrations of the Department of Transpor-  
17 tation and other Federal agencies to help prevent  
18 hacking, spoofing, and disruption of connected and  
19 automated transportation vehicles.”.

20 **SEC. \_\_\_\_ . INFRASTRUCTURE INTEGRITY.**

21 Section 503(b)(3)(C) of title 23, United States Code,  
22 is amended—

23 (1) in clause (xviii) by striking “and” at the  
24 end;



1 (2) in clause (xix) by striking the period at the  
2 end and inserting “; and” ; and

3 (3) by adding at the end the following:

4 “(xx) corrosion prevention measures  
5 for the structural integrity of bridges.”

Page 522, after line 2, insert the following:

6 **SEC. \_\_\_\_ . PHASE-OUT OF ALL TANK CARS USED TO TRANS-**  
7 **PORT CLASS 3 FLAMMABLE LIQUIDS.**

8 (a) IN GENERAL.—Except as provided for in sub-  
9 section (b), beginning on the date of enactment of this  
10 Act, all railroad tank cars used to transport Class 3 flam-  
11 mable liquids shall meet the DOT–117 or DOT–117R  
12 specifications in part 179 of title 49, Code of Federal Reg-  
13 ulations, regardless of train composition.

14 (b) PHASE-OUT SCHEDULE.—Certain tank cars not  
15 meeting DOT–117 or DOT–117R specifications on the  
16 date of enactment of this Act may be used, regardless of  
17 train composition, until the following end-dates:

18 (1) For transport of unrefined petroleum prod-  
19 ucts in Class 3 flammable service, including crude  
20 oil—

21 (A) January 1, 2018, for non-jacketed  
22 DOT–111 tank cars;

23 (B) March 1, 2018, for jacketed DOT–111  
24 tank cars;

1 (C) April 1, 2020, for non-jacketed CPC-  
2 1232 tank cars; and

3 (D) May 1, 2025, for jacketed CPC-1232  
4 tank cars.

5 (2) For transport of ethanol—

6 (A) May 1, 2023, for non-jacketed and  
7 jacketed DOT-111 tank cars;

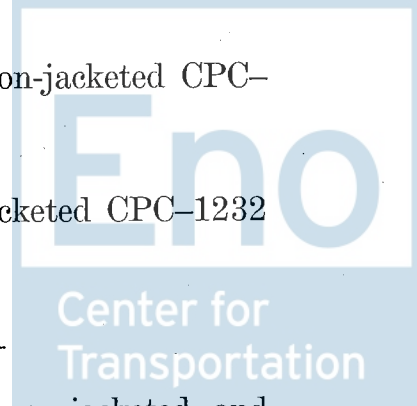
8 (B) July 1, 2023, for non-jacketed CPC-  
9 1232 tank cars; and

10 (C) May 1, 2025, for jacketed CPC-1232  
11 tank cars.

12 (3) For transport of Class 3 flammable liquids  
13 in Packing Group I, other than Class 3 flammable  
14 liquids specified in paragraphs (1) and (2), May 1,  
15 2025.

16 (4) For transport of Class 3 flammable liquids  
17 in Packing Groups II and III, other than Class 3  
18 flammable liquids specified in paragraphs (1) and  
19 (2), May 1, 2029.

20 (c) RETROFITTING SHOP CAPACITY.—The Secretary  
21 may extend the deadlines established under paragraphs  
22 (3) and (4) of subsection (b) for a period not to exceed  
23 2 years if the Secretary determines that insufficient retro-  
24 fitting shop capacity will prevent the phase-out of tank



1 cars not meeting the DOT-117 or DOT-117R specifica-  
2 tions by the deadlines set forth in such paragraphs.

3 (d) IMPLEMENTATION.—Nothing in this section shall  
4 be construed to require the Secretary to issue regulations  
5 to implement this section.

6 (e) SAVINGS CLAUSE.—Nothing in this section shall  
7 be construed to prohibit the Secretary from implementing  
8 the final rule issued on May 08, 2015, entitled “Enhanced  
9 Tank Car Standards and Operational Controls for High-  
10 Hazard Flammable Trains” (80 Fed. Reg. 26643), other  
11 than the provisions of the final rule that are inconsistent  
12 with this section.

13 (f) CLASS 3 FLAMMABLE LIQUID DEFINED.—In this  
14 section, the term “Class 3 flammable liquid” has the  
15 meaning given the term flammable liquid in section  
16 173.120(a) of title 49, Code of Federal Regulations.

Page 523, line 24, strike “and” at the end.

Page 524, line 2, strike the semicolon and insert “;  
and”.

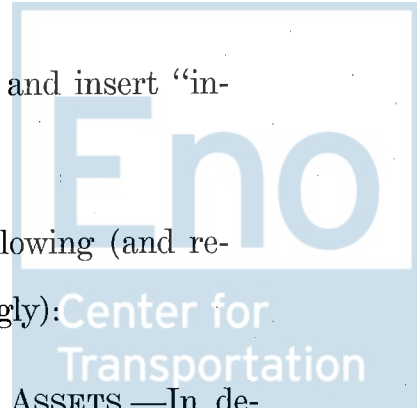
Page 524, after line 2, insert the following:

17 “(C) travel from the Nation’s ports, air-  
18 ports, and gateways to the National Multimodal  
19 Freight Network;

Page 527, line 5, strike “consist of” and insert “include”.

Page 528, after line 6, insert the following (and re-designate subsequent subsections accordingly):

1       “(c) OTHER STRATEGIC FREIGHT ASSETS.—In de-  
2 termining network components in subsection (b), the Sec-  
3 retary may consider strategic freight assets identified by  
4 States, including public ports if such ports do not meet  
5 the annual tonnage threshold, for inclusion on the Na-  
6 tional Multimodal Freight Network.



Eno

Center for  
Transportation